

TEST REPORT

Application No.: SZEM2007006292CR
Applicant: Kohler Co.
Address of Applicant: 444 Highland Drive. Kohler, Wisconsin, 53044, United States
Manufacturer: Kohler Co.
Address of Manufacturer: 444 Highland Drive. Kohler, Wisconsin, 53044, United States
Factory: 1. Shenzhen 3Nod Digital Technology Co., Ltd.
2. Guangxi 3nod Digital Technology Co., Ltd.
Address of Factory: 1. 401, ZONE 101A, WORKSHOP 15, ZHONGFU ROAD, TANGXIAYONG COMMUNITY, YANLUOSTREET, BAOAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE, P.R.C.
2. B02 Plant Building, 3Nod Smart Industrial Park, Bei Hai Industrial Park, East Jilin Road, North of Longtongjiang Reservoir, Beihai, Guangxi, China

Equipment Under Test (EUT):

EUT Name: Moxie
Model No.: K-28235-NKA
Trade Mark: KOHLER
FCC ID: N82-KOHLER044
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2020-07-09
Date of Test: 2020-07-17 to 2020-08-03
Date of Issue: 2020-08-18

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

Keny Xu

Keny Xu
EMC Laboratory Manager

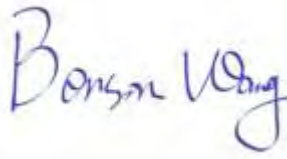


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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2020-08-18		Original

Authorized for issue by:			
			
		Benson Wang /Project Engineer	
			
		Eric Fu /Reviewer	



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2 Test Summary

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

N/A: Not applicable

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207 & 15.407 b(6)	Pass
Duty Cycle	47 CFR Part 15, Subpart E 15.407	KDB 789033 II B 1	KDB 789033 D02 II B 1	Pass
99% Bandwidth	47 CFR Part 15, Subpart E 15.407	KDB 789033 II D	N/A	Pass
26dB Emission bandwidth	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 II 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 II 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 II 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 II F	47 CFR Part 15, Subpart C 15.407 (a)	Pass
DFS: Non-occupancy period	47 CFR Part 15, Subpart E 15.407	KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
DFS: Channel Move Time	47 CFR Part 15, Subpart E 15.407	KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
DFS: Channel Closing Transmission Time	47 CFR Part 15, Subpart E 15.407	KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Radiated Emissions	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	Pass
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:	Charging base Powered by DC 5V 2A Lithium Ion Battery: 3.7V 3800mAh (Charged by charging base)			
Cable:	USB cable: 109cm unshielded			
Operation Frequency:	Band	Mode	Frequency Range(MHz)	Number of channels
	UNII Band 1	IEEE 802.11a	5180-5240	4
		IEEE 802.11n/ac 20MHz	5180-5240	4
		IEEE 802.11n/ac 40MHz	5190-5230	2
		IEEE 802.11ac 80MHz	5210	1
	UNII Band 2A	IEEE 802.11a	5260-5320	4
		IEEE 802.11n/ac 20MHz	5260-5320	4
		IEEE 802.11n/ac 40MHz	5270-5310	2
		IEEE 802.11ac 80MHz	5290	1
	UNII Band 2C	IEEE 802.11a	5500-5700	11
		IEEE 802.11n/ac 20MHz	5500-5700	11
		IEEE 802.11n/ac 40MHz	5510-5670	5
		IEEE 802.11ac 80MHz	5530-5610	2
	UNII Band 3	IEEE 802.11a	5745-5825	5
		IEEE 802.11n/ac 20MHz	5745-5825	5
		IEEE 802.11n/ac 40MHz	5755-5795	2
		IEEE 802.11ac 80MHz	5775	1
Type of Modulation:	IEEE 802.11a: OFDM(BPSK/QPSK/16QAM/64QAM) IEEE 802.11n: OFDM(BPSK/QPSK/16QAM/64QAM) IEEE 802.11ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)			
DFS Function:	Slave without Radar detection			
TPC Function:	Not Support			
Antenna Type:	Integral Antenna			
Antenna Gain:	3.4dBi			

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Adapter	SAMSUNG	EP-TA200	R37J8YA7W71DK3
Mobile phone	SAMSUNG	SM-G9500	R28J9140LPB
Router	BUFFALO	WSR-1166DHP3/MBK	Provided by Applicant



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4.3 Measurement Uncertainty

Item	Measurement Uncertainty
Radio Frequency	$\pm 7.25 \times 10^{-8}$
Duty cycle	$\pm 0.37\%$
Occupied Bandwidth	$\pm 3\%$
Conduction emission	$\pm 3.0\text{dB}$ (150kHz to 30MHz)
RF conducted power	$\pm 0.75\text{dB}$
RF power density	$\pm 2.84\text{dB}$
Conducted Spurious emissions	$\pm 0.75\text{dB}$
RF Radiated power	$\pm 4.5\text{dB}$ (Below 1GHz)
	$\pm 4.8\text{dB}$ (Above 1GHz)
Radiated Spurious emission test	$\pm 4.5\text{dB}$ (Below 1GHz)
	$\pm 4.8\text{dB}$ (Above 1GHz)
Temperature test	$\pm 1^\circ\text{C}$
Humidity test	$\pm 3\%$
Supply voltages	$\pm 1\%$
Time	$\pm 3\%$



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4.4 Test Location

All tests were performed at:

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Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

4.5 Test Facility

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

- **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.

- **Innovation, Science and Economic Development Canada**

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

CAB identifier: CN0006.

IC#: 4620C.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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5 Equipment List

Conducted Emissions at AC Power Line (150kHz-30MHz)					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2019-06-13	2022-06-12
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2020-07-10	2021-07-09
LISN	Rohde & Schwarz	ENV216	SEM007-01	2019-09-24	2020-09-23
LISN	ETS-LINDGREN	3816/2	SEM007-02	2020-04-01	2021-03-31
EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-02	2020-03-24	2021-03-23

Duty Cycle					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Shielding Room	SAEMC	MSR733	SEM001-09	2019-06-13	2022-06-12
DC Power Supply	Rohde & Schwarz	NGSM 32/10	SEM011-04	2020-03-24	2021-03-23
Spectrum Analyzer	Rohde & Schwarz	FSP	SEM004-06	2019-09-24	2020-09-23
Measurement Software	TST	TST PASS V1.0.5	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-02	2020-07-10	2021-07-09
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2019-09-24	2020-09-23
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2019-09-24	2020-09-23
Electric and Magnetic Field Analyzer	Narda	EHP-50F	SEM022-05	2019-11-28	2020-11-27

99% Bandwidth					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Shielding Room	SAEMC	MSR733	SEM001-09	2019-06-13	2022-06-12
DC Power Supply	Rohde & Schwarz	NGSM 32/10	SEM011-04	2020-03-24	2021-03-23
Spectrum Analyzer	Rohde & Schwarz	FSP	SEM004-06	2019-09-24	2020-09-23
Measurement Software	TST	TST PASS V1.0.5	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-02	2020-07-10	2021-07-09
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2019-09-24	2020-09-23
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2019-09-24	2020-09-23
Electric and Magnetic Field Analyzer	Narda	EHP-50F	SEM022-05	2019-11-28	2020-11-27



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26dB Emission bandwidth					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Shielding Room	SAEMC	MSR733	SEM001-09	2019-06-13	2022-06-12
DC Power Supply	Rohde & Schwarz	NGSM 32/10	SEM011-04	2020-03-24	2021-03-23
Spectrum Analyzer	Rohde & Schwarz	FSP	SEM004-06	2019-09-24	2020-09-23
Measurement Software	TST	TST PASS V1.0.5	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-02	2020-07-10	2021-07-09
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2019-09-24	2020-09-23
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2019-09-24	2020-09-23
Electric and Magnetic Field Analyzer	Narda	EHP-50F	SEM022-05	2019-11-28	2020-11-27

Minimum 6 dB bandwidth (5.725-5.85 GHz band)					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Shielding Room	SAEMC	MSR733	SEM001-09	2019-06-13	2022-06-12
DC Power Supply	Rohde & Schwarz	NGSM 32/10	SEM011-04	2020-03-24	2021-03-23
Spectrum Analyzer	Rohde & Schwarz	FSP	SEM004-06	2019-09-24	2020-09-23
Measurement Software	TST	TST PASS V1.0.5	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-02	2020-07-10	2021-07-09
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2019-09-24	2020-09-23
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2019-09-24	2020-09-23
Electric and Magnetic Field Analyzer	Narda	EHP-50F	SEM022-05	2019-11-28	2020-11-27

Maximum Conducted output power					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Shielding Room	SAEMC	MSR733	SEM001-09	2019-06-13	2022-06-12
DC Power Supply	Rohde & Schwarz	NGSM 32/10	SEM011-04	2020-03-24	2021-03-23
Spectrum Analyzer	Rohde & Schwarz	FSP	SEM004-06	2019-09-24	2020-09-23
Measurement Software	TST	TST PASS V1.0.5	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-02	2020-07-10	2021-07-09
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2019-09-24	2020-09-23
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2019-09-24	2020-09-23



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Electric and Magnetic Field Analyzer	Narda	EHP-50F	SEM022-05	2019-11-28	2020-11-27
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Peak Power spectrum density					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Shielding Room	SAEMC	MSR733	SEM001-09	2019-06-13	2022-06-12
DC Power Supply	Rohde & Schwarz	NGSM 32/10	SEM011-04	2020-03-24	2021-03-23
Spectrum Analyzer	Rohde & Schwarz	FSP	SEM004-06	2019-09-24	2020-09-23
Measurement Software	TST	TST PASS V1.0.5	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-02	2020-07-10	2021-07-09
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2019-09-24	2020-09-23
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2019-09-24	2020-09-23
Electric and Magnetic Field Analyzer	Narda	EHP-50F	SEM022-05	2019-11-28	2020-11-27

Radiated Emissions					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018-03-13	2021-03-12
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2020-07-10	2021-07-09
EXA Spectrum Analyzer	AgilentTechnologies Inc	N9010A	SEM004-12	2020-04-09	2021-04-08
Horn Antenna	Rohde & Schwarz	HF907	SEM003-07	2018-04-13	2021-04-12
Horn Antenna	Schwarzbeck	BBHA 9170	SEM003-15	2017-10-17	2020-10-16
Pre-Amplifier	Compliance Directions Systems Inc.	PAP-0126	SEM004-11	2019-09-24	2020-09-23
Pre-amplifier	Rohde & Schwarz	CH14-H052	SEM005-17	2020-04-01	2021-03-31
Pre-amplifier	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2020-04-01	2021-03-31
DC Power Supply	Zhao Xin	KXN-6020D	SEM011-08	2019-09-24	2020-09-23
Active Loop Antenna	ETS-Lindgren	6502	SEM003-08	2017-08-22	2020-08-21

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	2018-03-13	2021-03-12



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Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2020-07-10	2021-07-09
EXA Spectrum Analyzer	Agilent Technologies Inc	N9010A	SEM004-12	2020-04-09	2021-04-08
Horn Antenna	Rohde & Schwarz	HF907	SEM003-07	2018-04-13	2021-04-12
Horn Antenna	Schwarzbeck	BBHA 9170	SEM003-15	2017-10-17	2020-10-16
Pre-Amplifier	Compliance Directions Systems Inc.	PAP-0126	SEM004-11	2019-09-24	2020-09-23
Pre-amplifier	Rohde & Schwarz	CH14-H052	SEM005-17	2020-04-01	2021-03-31
Pre-amplifier	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2020-04-01	2021-03-31
DC Power Supply	Zhao Xin	KXN-6020D	SEM011-08	2019-09-24	2020-09-23
Active Loop Antenna	ETS-Lindgren	6502	SEM003-08	2017-08-22	2020-08-21

Radiated Emissions					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
10m Semi-Anechoic Chamber	SAEMC	FSAC1018	SEM001-03	2018-03-31	2021-03-30
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM029-01	2020-07-10	2021-07-09
MXE EMI receiver	KEYSIGHT	N9038A	SEM004-16	2019-12-16	2020-12-15
Trilog-Broadband Antenna	Schwarzbeck	VULB9168	SEM003-18	2019-08-08	2022-08-07
Pre-amplifier	Sonoma Instrument Co	310N	SEM005-04	2020-04-09	2021-04-08

DFS Test					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
EXA Spectrum Analyzer	KEYSIGHT	N9010A	SEM004-12	2020-04-09	2021-04-08
Measurement Software	KEYSIGHT	N7607C Signal Studio	N/A	N/A	N/A
Measurement Software	Agilent	ISMonitor10	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2020-07-10	2021-07-09
MXG Vector Signal Generator	KEYSIGHT	N5182A	SEM006-14	2020-03-23	2021-03-22
Manual Step Attenuator	KEYSIGHT	8494B	SEM021-05	2020-04-09	2021-04-08
Manual Step Attenuator	KEYSIGHT	8494B	SEM021-05	2020-04-09	2021-04-08
Manual Step Attenuator	KEYSIGHT	8496B	SEM021-06	2020-04-09	2021-04-08
Manual Step Attenuator	KEYSIGHT	8496B	SEM021-06	2020-04-09	2021-04-08



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Splitter	Minicircuits	ZFC-2-10G	SEM043-12	N/A	N/A
Splitter	Minicircuits	ZFC-2-10G	SEM043-12	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	2019-09-26	2020-09-25
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B	SEM002-04	2019-09-26	2020-09-25
Humidity/ Temperature Indicator	Mingle	N/A	SEM002-08	2019-09-26	2020-09-25
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2020-04-07	2021-04-06



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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of 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 3.4dBi.

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 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.



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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(dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Pretest these modes to find the worst case: 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.

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.

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.

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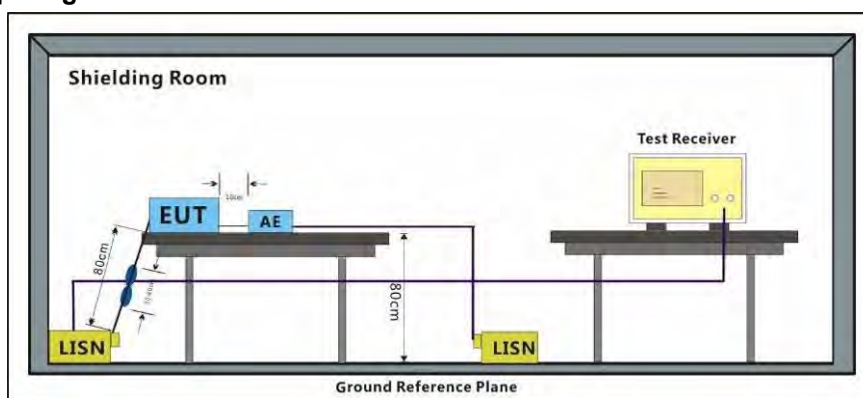


The worst case for final test:

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.

7.1.2 Test Setup Diagram

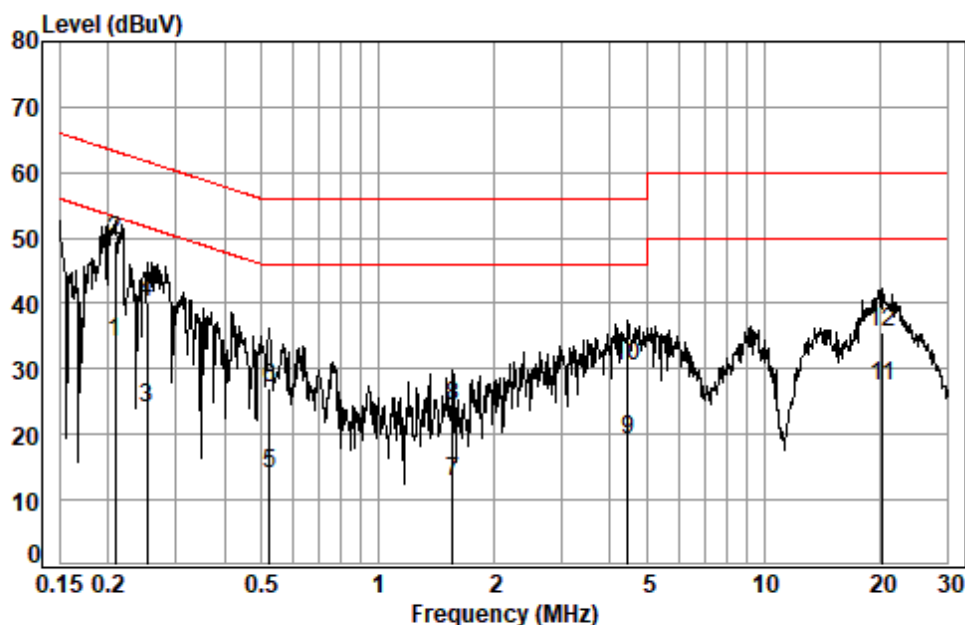


7.1.3 Measurement Procedure and Data

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

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

Mode:I; Line:Live Line



Site : Shielding Room

Condition: Line

Job No. : 06292CR

Test mode: 1

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.2083	0.02	9.68	24.44	34.14	53.27	-19.13	Average
2	0.2083	0.02	9.68	39.95	49.65	63.27	-13.62	QP
3	0.2521	0.03	9.68	14.34	24.05	51.69	-27.64	Average
4	0.2521	0.03	9.68	30.45	40.16	61.69	-21.53	QP
5	0.5238	0.06	9.69	4.34	14.09	46.00	-31.91	Average
6	0.5238	0.06	9.69	17.23	26.98	56.00	-29.02	QP
7	1.5601	0.13	9.72	2.86	12.71	46.00	-33.29	Average
8	1.5601	0.13	9.72	14.51	24.36	56.00	-31.64	QP
9	4.4540	0.16	9.80	9.09	19.05	46.00	-26.95	Average
10	4.4540	0.16	9.80	20.51	30.47	56.00	-25.53	QP
11	20.2696	0.24	10.94	16.30	27.48	50.00	-22.52	Average
12	20.2696	0.24	10.94	24.47	35.65	60.00	-24.35	QP



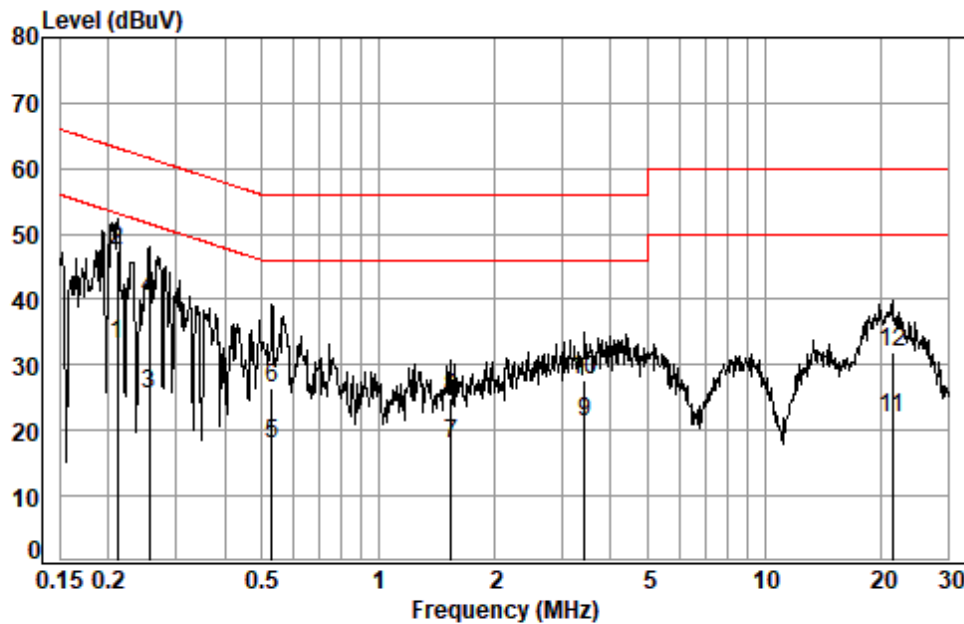
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Mode:I; Line:Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 06292CR
Test mode: 1

	Freq	Cable Loss	LISN Factor	Read Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dB	
1	0.2117	0.02	9.66	23.53	53.14	-19.93	Average
2	0.2117	0.02	9.66	37.72	63.14	-15.74	QP
3	0.2548	0.03	9.66	15.92	51.60	-25.99	Average
4	0.2548	0.03	9.66	30.41	61.60	-21.50	QP
5	0.5293	0.06	9.67	8.16	46.00	-28.11	Average
6	0.5293	0.06	9.67	16.72	56.00	-29.55	QP
7	1.5436	0.13	9.71	8.01	46.00	-28.15	Average
8	1.5436	0.13	9.71	15.14	56.00	-31.02	QP
9	3.4174	0.16	9.78	11.50	46.00	-24.56	Average
10	3.4174	0.16	9.78	17.66	56.00	-28.40	QP
11	21.4860	0.25	10.85	10.69	50.00	-28.21	Average
12	21.4860	0.25	10.85	20.98	60.00	-27.92	QP



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7.2 Duty Cycle

Test Requirement KDB 789033 D02 II B 1

Test Method: KDB 789033 II B 1

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 28.4 °C Humidity: 41.5 % RH Atmospheric Pressure: 1010 mbar

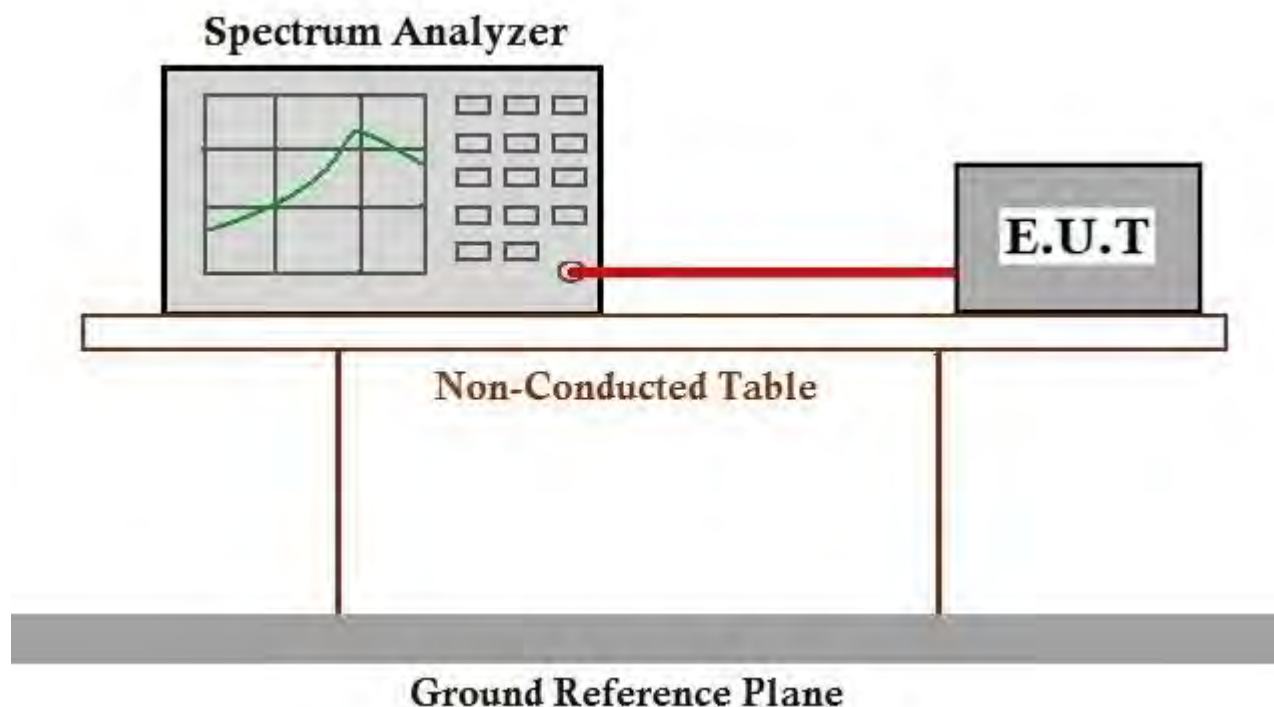
Test mode h:TX mode (Band 1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 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.

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.

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.

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.

7.2.2 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 II D

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 28.4 °C Humidity: 41.5 % RH Atmospheric Pressure: 1010 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.

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.

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.

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.

The worst case for final test:

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.

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 @

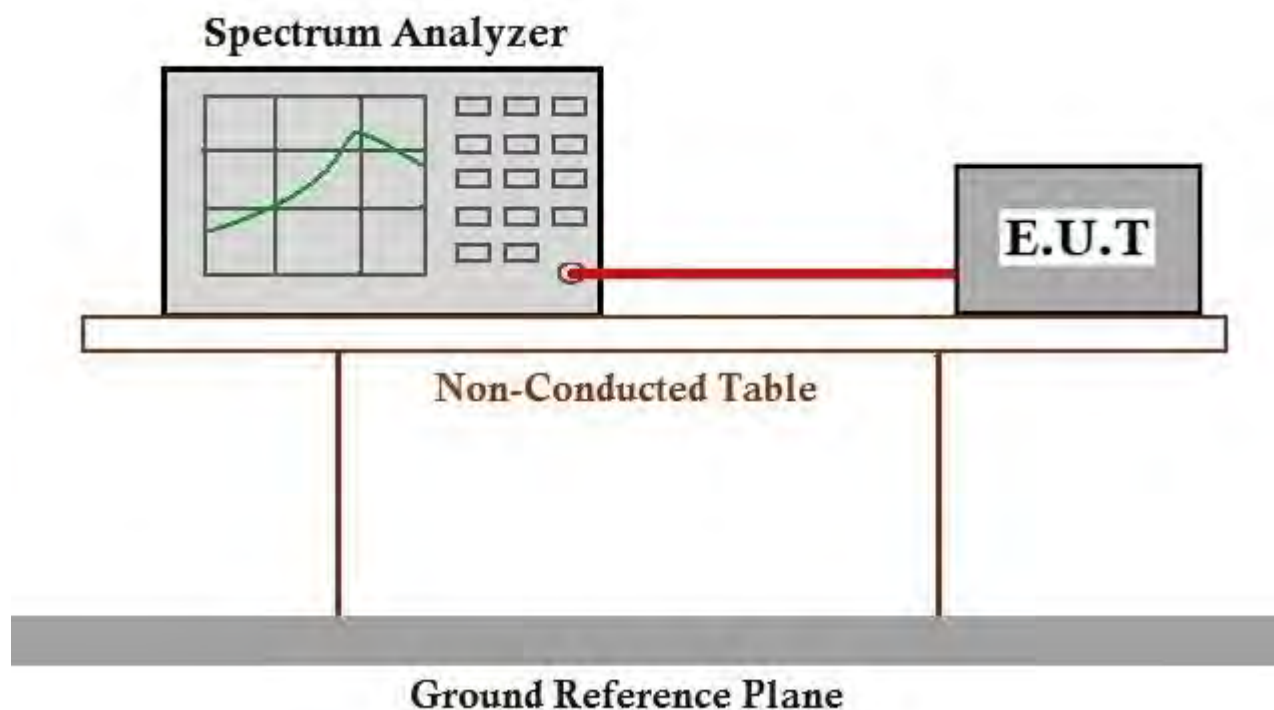


MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

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.

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.

7.3.2 Test Setup Diagram



7.3.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407



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7.4 26dB Emission bandwidth

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

Test Method: KDB 789033 D02 II C 1

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 28.4 °C Humidity: 41.5 % RH Atmospheric Pressure: 1010 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.

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.

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.

The worst case for final test: 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.

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.

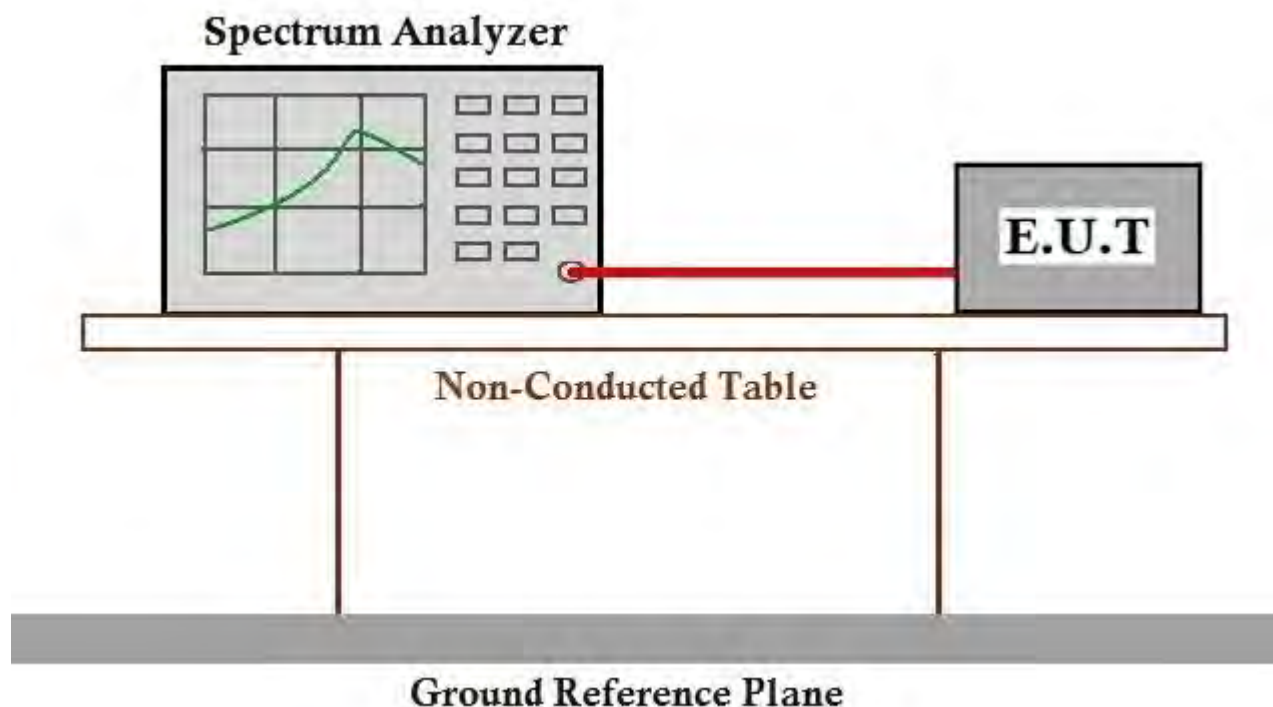
k:TX mode (Band 3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @



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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 II C 2
Limit: ≥ 500 kHz

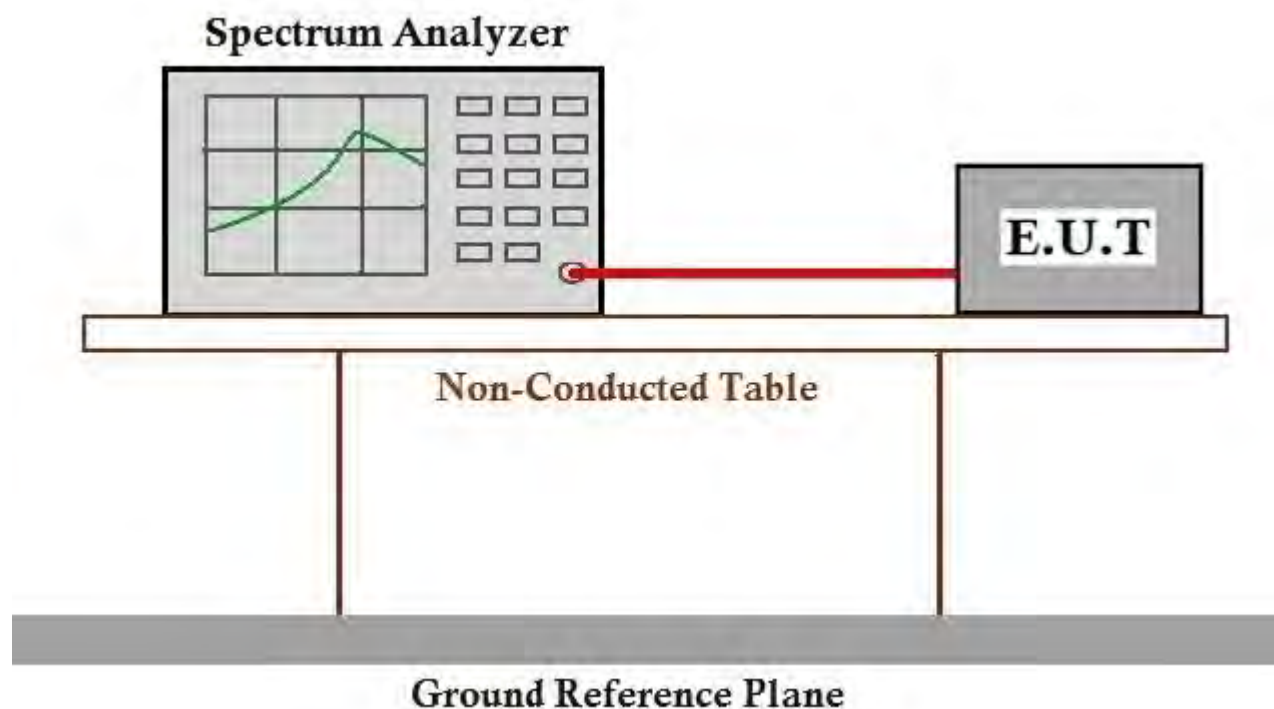
7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 28.4 °C Humidity: 41.5 % RH Atmospheric Pressure: 1010 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 802.11ac(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



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7.6 Maximum Conducted output power

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

Test Method: KDB 789033 D02 II E

Limit:

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

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 28.4 °C Humidity: 41.5 % RH Atmospheric Pressure: 1010 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.

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.

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.

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.

The worst case
for final test:

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.

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.



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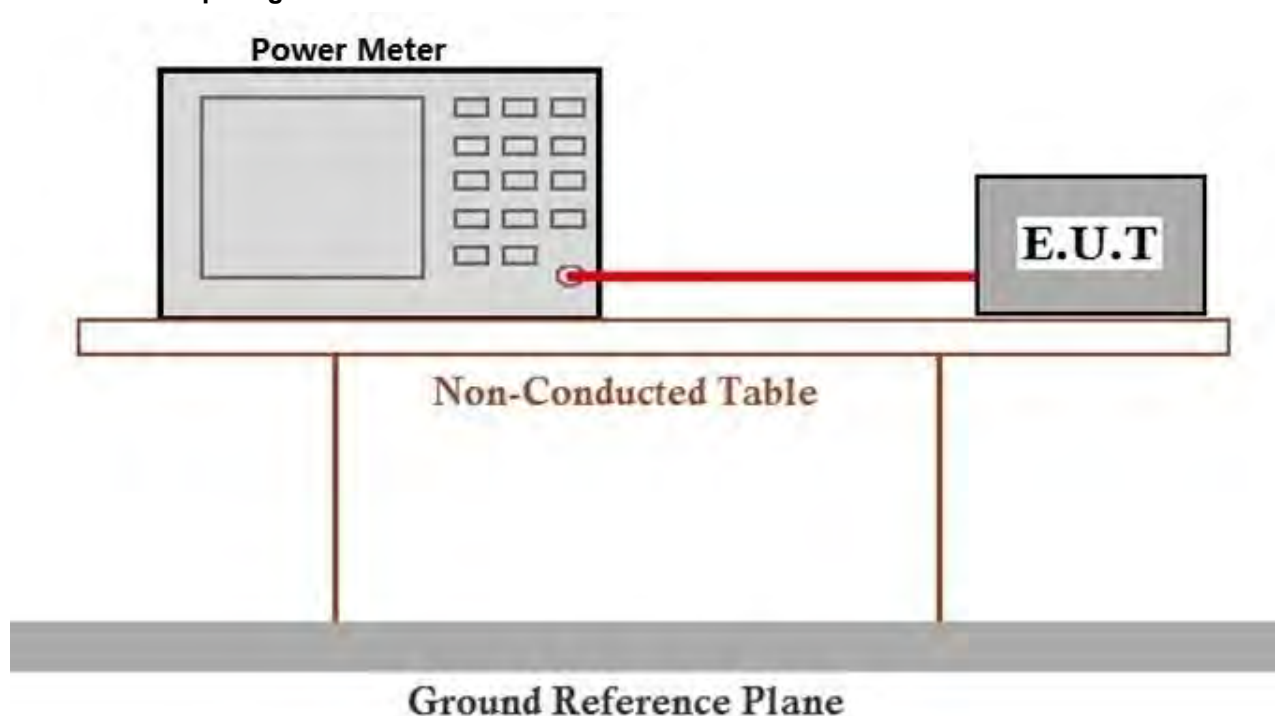
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802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

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.

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.

7.6.2 Test Setup Diagram



7.6.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407



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7.7 Peak Power spectrum density

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

Test Method: KDB 789033 D02 II F

Limit:

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



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7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 28.4 °C Humidity: 41.5 % RH Atmospheric Pressure: 1010 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.

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.

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.

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.

The worst case
for final test:

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.

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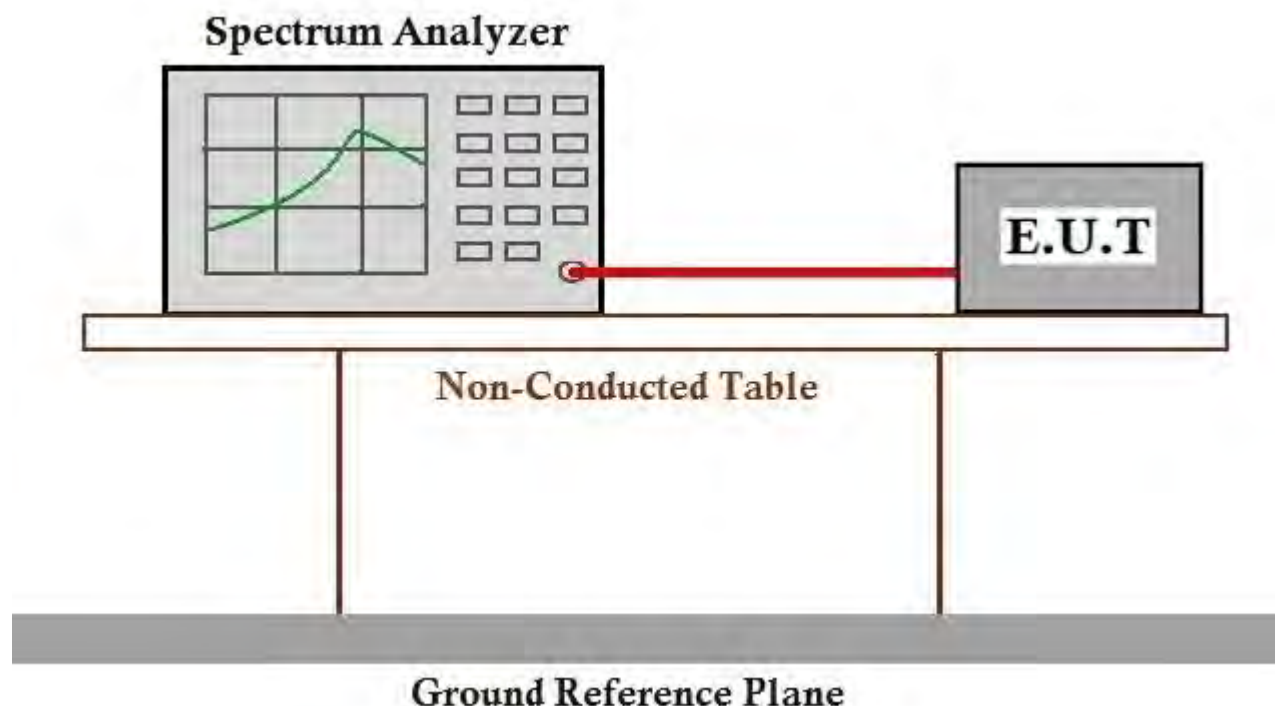
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802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

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.

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7.7.2 Test Setup Diagram



7.7.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407

7.8 DFS: Non-occupancy period

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3
Limit: Minimum 30 minutes

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 28.4 °C Humidity: 41.5 % RH Atmospheric Pressure: 1010 mbar

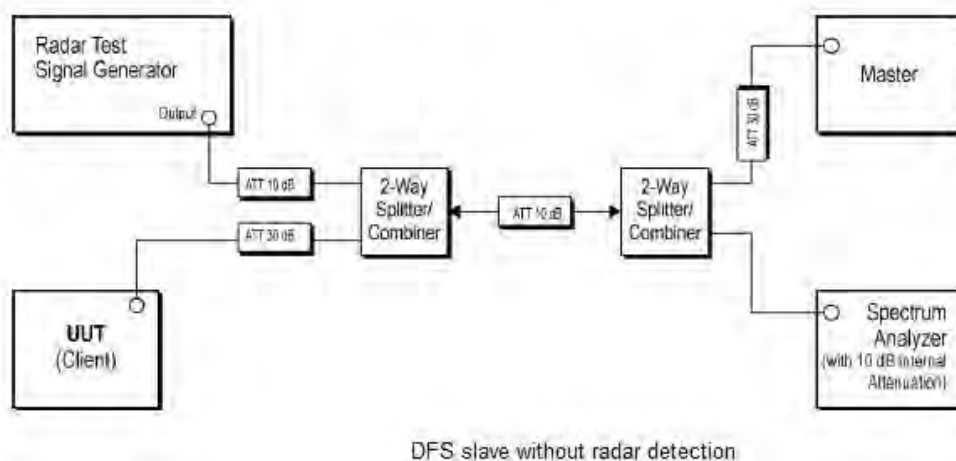
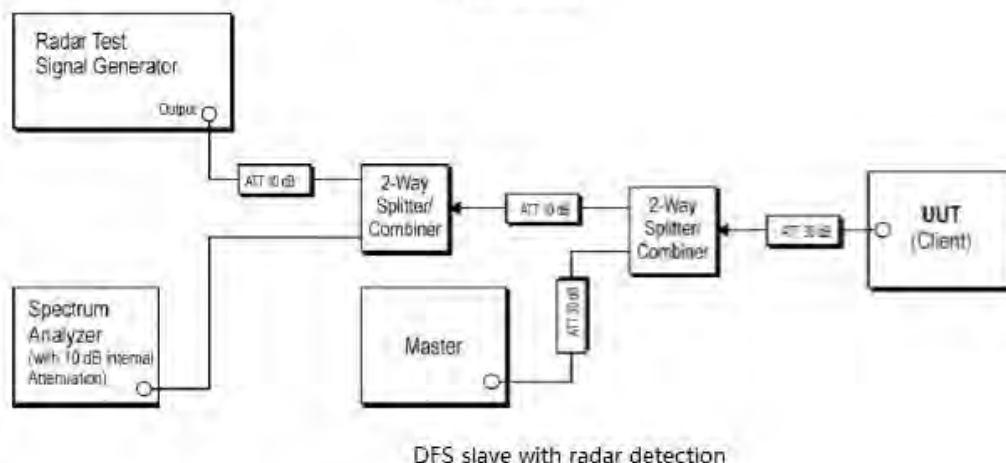
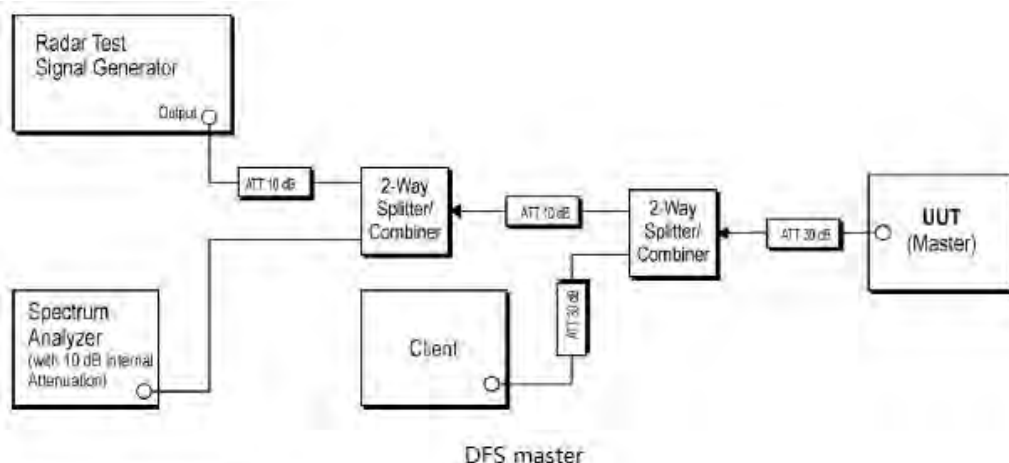
Pretest these modes to find the worst case:
i:TX mode (Band 2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE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

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.



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7.8.2 Test Setup Diagram



7.8.3 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

The detailed test data see: Appendix 15.407

7.9 DFS: Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1
 Test Method: KDB 905462 D02 Section 7.8.3
 Limit: 10 seconds(should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst)



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7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 28.4 °C Humidity: 41.5 % RH Atmospheric Pressure: 1010 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.

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.

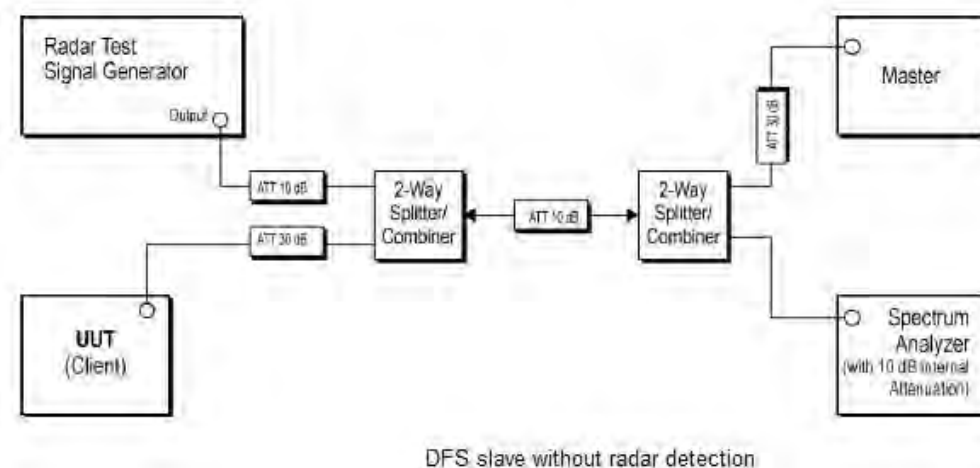
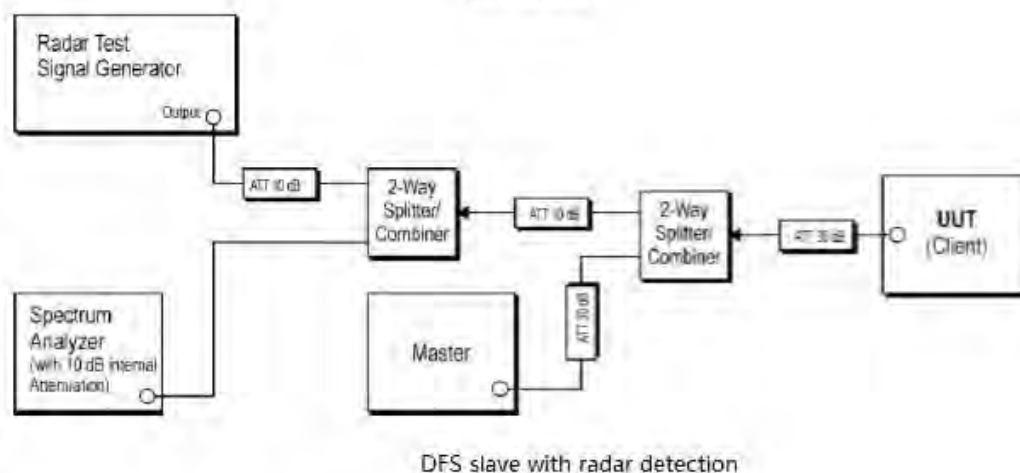
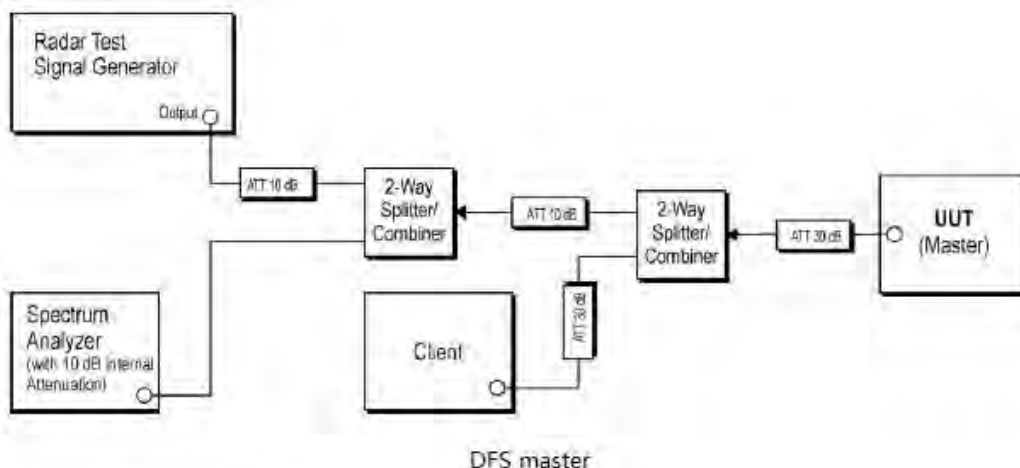


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7.9.2 Test Setup Diagram



7.9.3 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

The detailed test data see: Appendix 15.407

7.10 DFS: Channel Closing Transmission Time

Test Requirement	KDB 905462 D02 Section 5.1
Test Method:	KDB 905462 D02 Section 7.8.3
Limit:	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period(should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. It is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions)

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 28.4 °C Humidity: 41.5 % RH Atmospheric Pressure: 1010 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.

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.



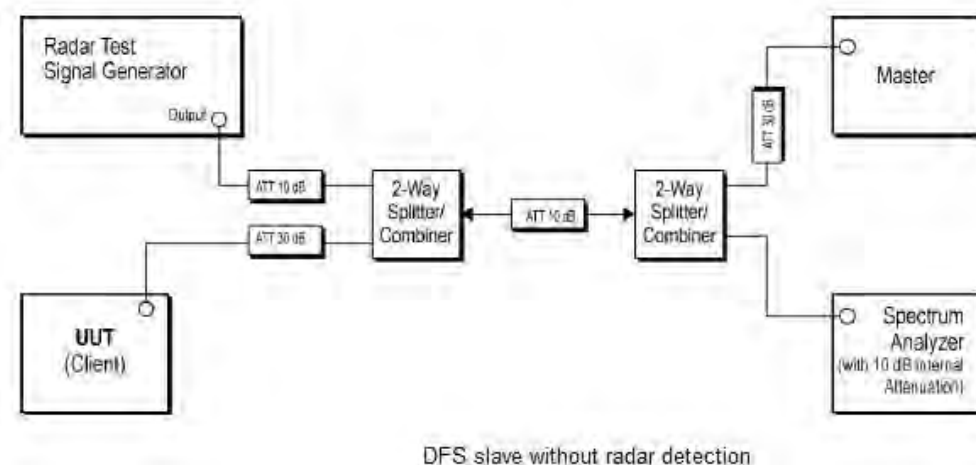
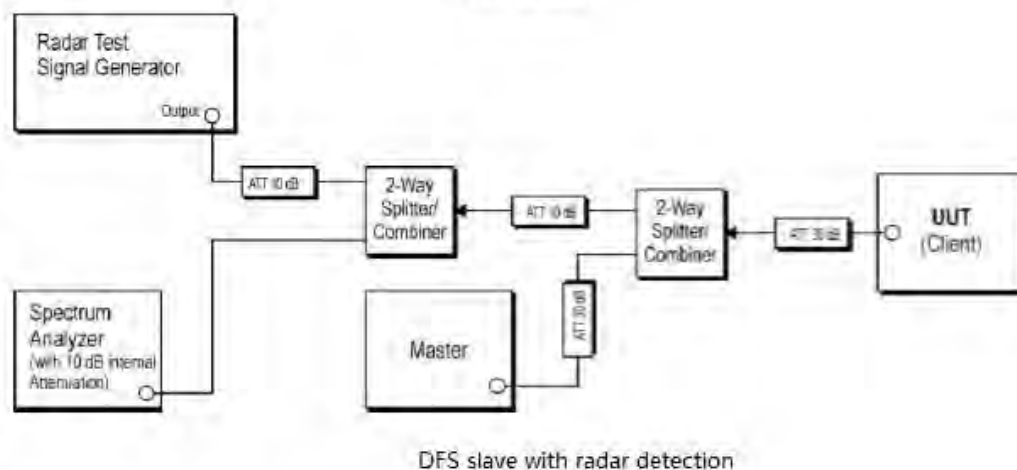
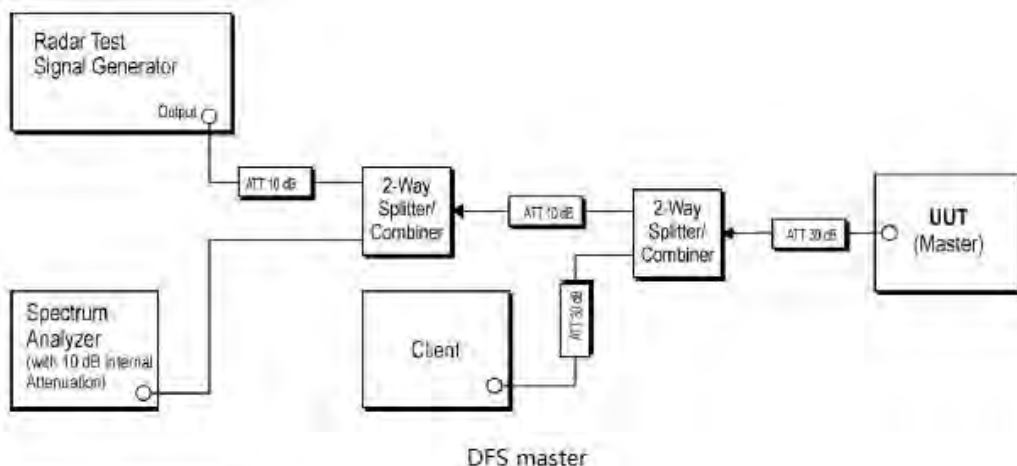
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7.10.2 Test Setup Diagram



7.10.3 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

The detailed test data see: Appendix 15.407

7.11 Radiated Emissions

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

Test Method: KDB 789033 D02 II G

Measurement Distance: 3m (Above 1GHz) and 10m (Below 1GHz)

Limit:

Limit:

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

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

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

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

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

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

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



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7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 45 % 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.

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.

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.

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.

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.

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.

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The worst case
for final test:

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.

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.

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.

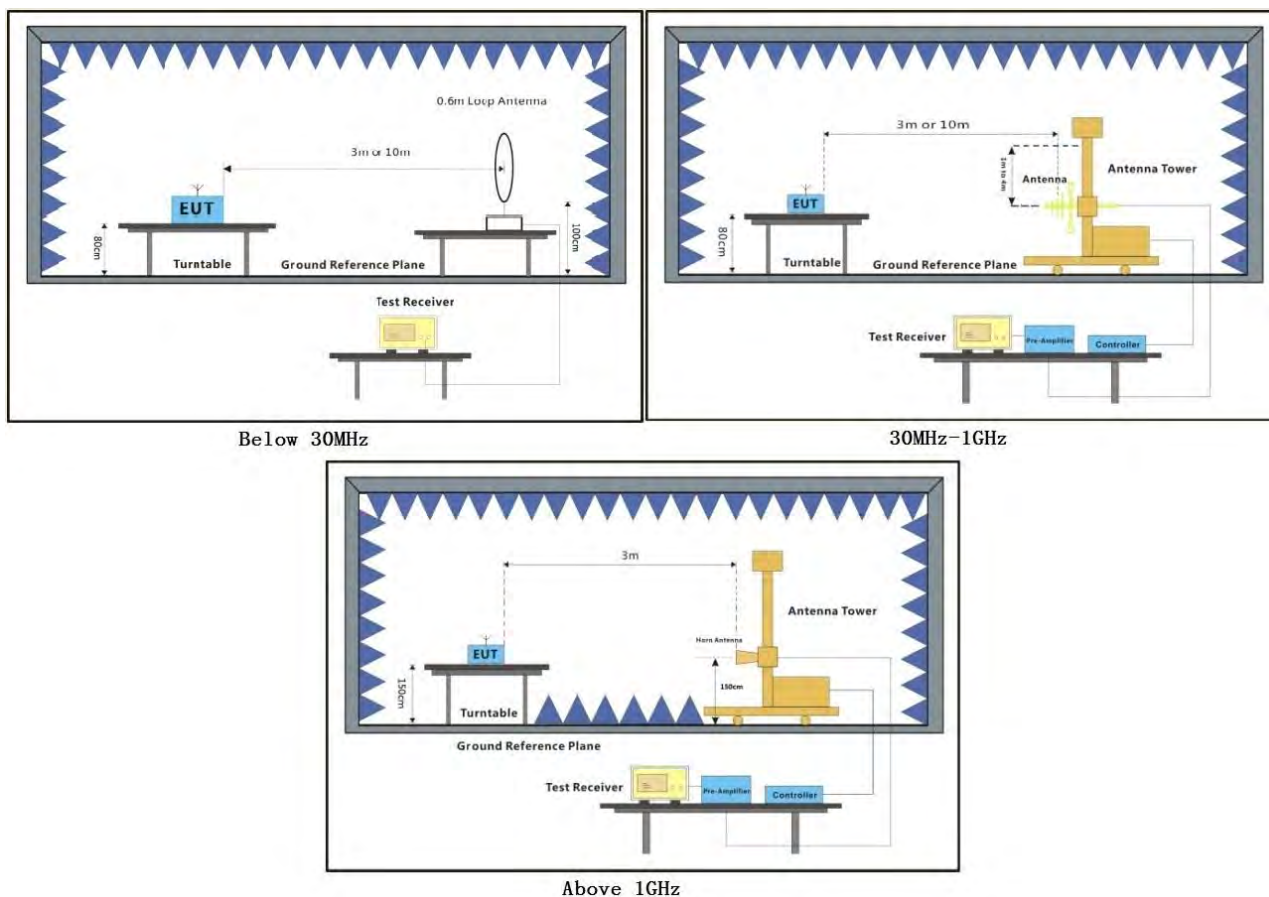
n:Charge + TX mode (Band 2C)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data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



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7.11.2 Test Setup Diagram



7.11.3 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.



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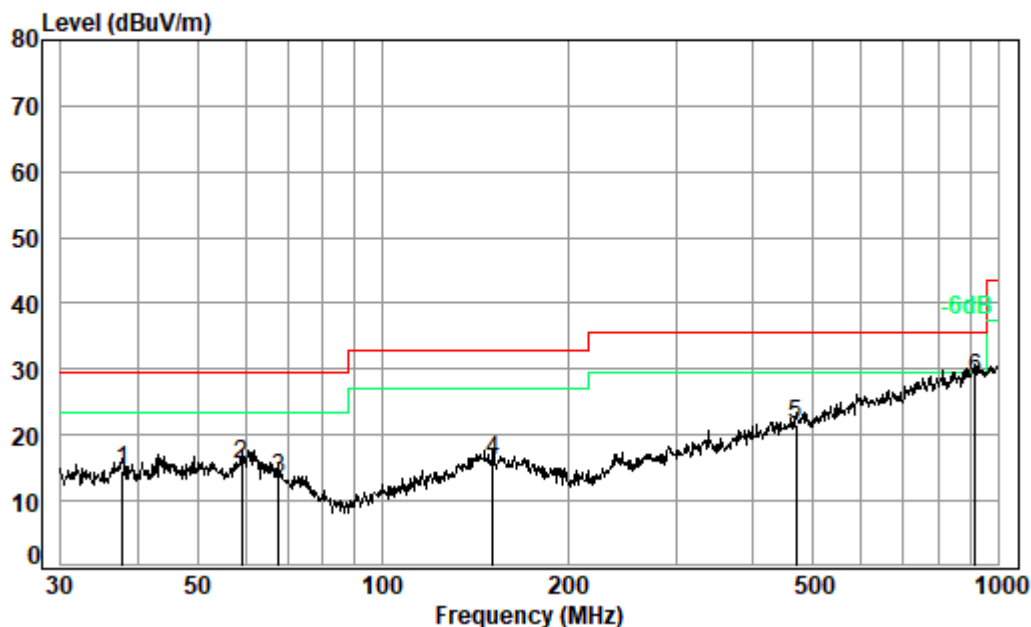
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30MHz~1GHz

QP value:

Mode: I; Polarization: Horizontal;



Condition: 10m HORIZONTAL

Job No. : 06292CR

Test Mode: 1

		Ant	Preamp	Cable	Read	Limit	Over	
	Freq	Factor	Factor	Loss	Level	Level	Line	Limit Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	37.812	19.95	32.42	0.91	26.05	14.49	29.50	-15.01 QP
2	59.025	19.39	32.42	1.04	27.58	15.59	29.50	-13.91 QP
3	67.913	17.92	32.39	1.07	26.72	13.32	29.50	-16.18 QP
4	151.067	20.16	32.30	1.47	26.65	15.98	33.00	-17.02 QP
5	470.523	23.70	32.37	2.80	27.39	21.52	35.60	-14.08 QP
6 pp	919.287	29.78	31.42	3.44	26.94	28.74	35.60	-6.86 QP

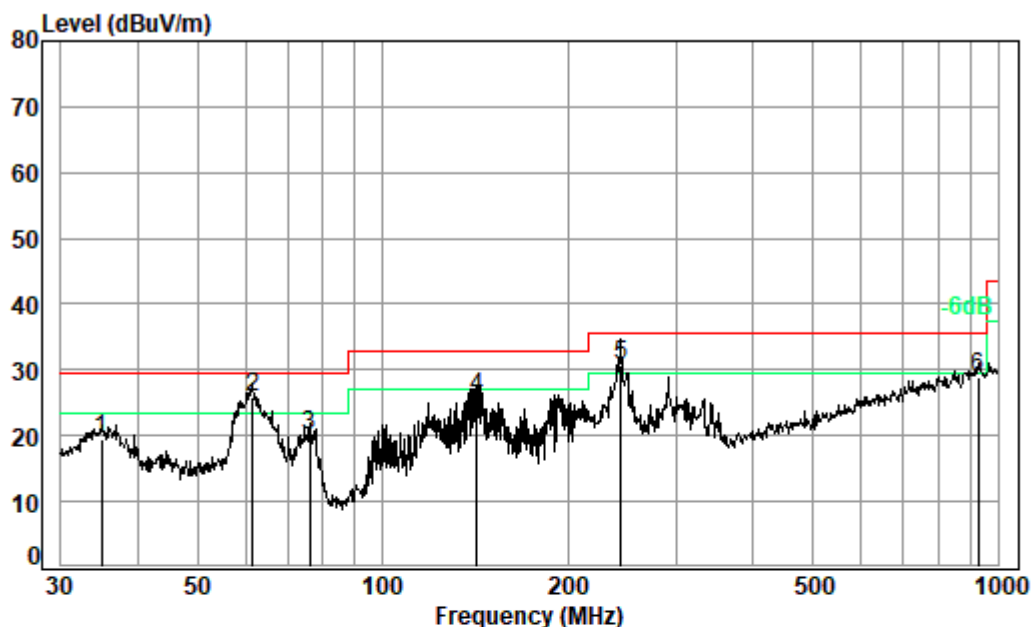


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Mode :I; Polarization: Vertical



Condition: 10m VERTICAL

Job No. : 06292CR

Test Mode: 1

	Ant Freq	Preamp Factor	Cable Loss	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	34.882	19.44	32.40	0.89	31.68	19.61	29.50	-9.89 QP
2	61.562	19.10	32.41	1.05	38.22	25.96	29.50	-3.54 QP
3	76.244	15.84	32.37	1.13	35.35	19.95	29.50	-9.55 QP
4	142.324	19.82	32.30	1.45	36.75	25.72	33.00	-7.28 QP
5	244.232	17.93	32.30	1.92	43.10	30.65	35.60	-4.95 QP
6	929.008	29.80	31.36	3.46	27.09	28.99	35.60	-6.61 QP



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

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

Note:

L₃: Level @ 3m distance. Unit: uV/m;

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

D₃: 3m distance. Unit: m

D₁₀: 10m distance. Unit: m

The level at 3m test distance is below:

Frequency (MHz)	Level @ 10m (dBuV/m)	Level @ 10m (uV/m)	Level @ 3m (uV/m)	Level @ 3m (dBuV/m)	Limit @ 3m (dBuV/m)	Margin (dB)	Ant. Polarization
34.88	19.61	9.56	31.87	30.07	40.00	-9.93	V
61.56	25.96	19.86	66.20	36.42	40.00	-3.58	V
76.24	19.95	9.94	33.14	30.41	40.00	-9.59	V
142.32	25.72	19.32	64.40	36.18	43.50	-7.32	V
244.23	30.65	34.08	113.60	41.11	46.00	-4.89	V
929.01	28.99	28.15	93.84	39.45	46.00	-6.55	V
37.81	14.49	5.30	17.68	24.95	40.00	-15.05	H
59.03	15.59	6.02	20.06	26.05	40.00	-13.95	H
67.91	13.32	4.63	15.45	23.78	40.00	-16.22	H
151.07	15.98	6.30	20.98	26.44	43.50	-17.06	H
470.52	21.52	11.91	39.71	31.98	46.00	-14.02	H
919.29	28.74	27.35	91.18	39.20	46.00	-6.80	H



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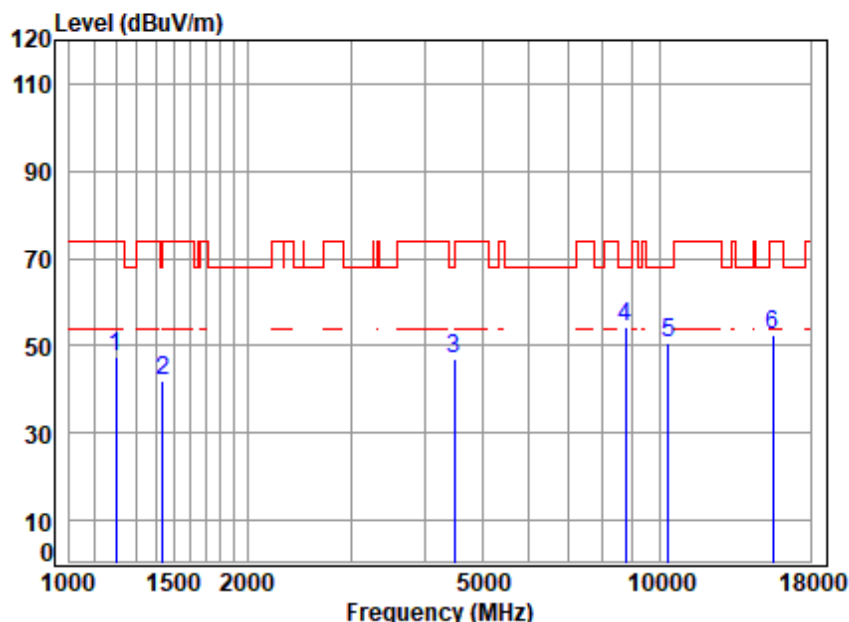
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Above 1GHz

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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5180 TX RSE
Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	60.27	47.32	74.00	-26.68	peak
2	1439.343	3.17	25.58	40.46	53.62	41.91	74.00	-32.09	peak
3	4495.125	6.76	33.59	42.55	49.33	47.13	68.20	-21.07	peak
4	8764.146	10.21	37.11	39.89	46.87	54.30	68.20	-13.90	peak
5	10360.000	10.57	37.76	38.17	40.49	50.65	68.20	-17.55	peak
6	15540.000	13.97	40.72	40.58	38.56	52.67	74.00	-21.33	peak



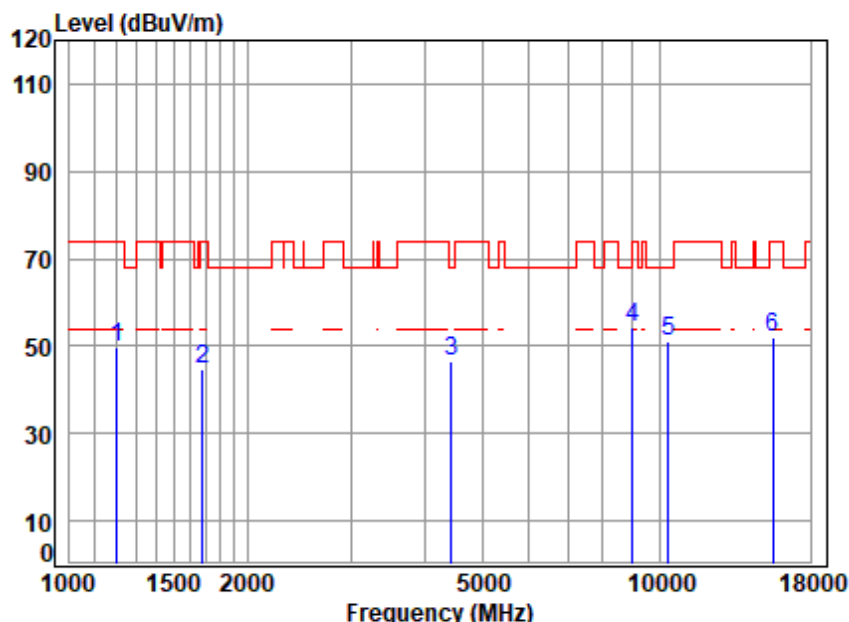
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Mode:I; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5180 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	62.60	49.68	74.00	-24.32	peak
2	1682.477	3.42	26.60	40.62	55.13	44.53	74.00	-29.47	peak
3	4430.628	6.70	33.48	42.50	49.03	46.71	68.20	-21.49	peak
4	8995.123	10.30	37.20	39.52	46.13	54.11	68.20	-14.09	peak
5	10360.000	10.57	37.76	38.17	40.78	50.94	68.20	-17.26	peak
6	15540.000	13.97	40.72	40.58	37.93	52.04	74.00	-21.96	peak

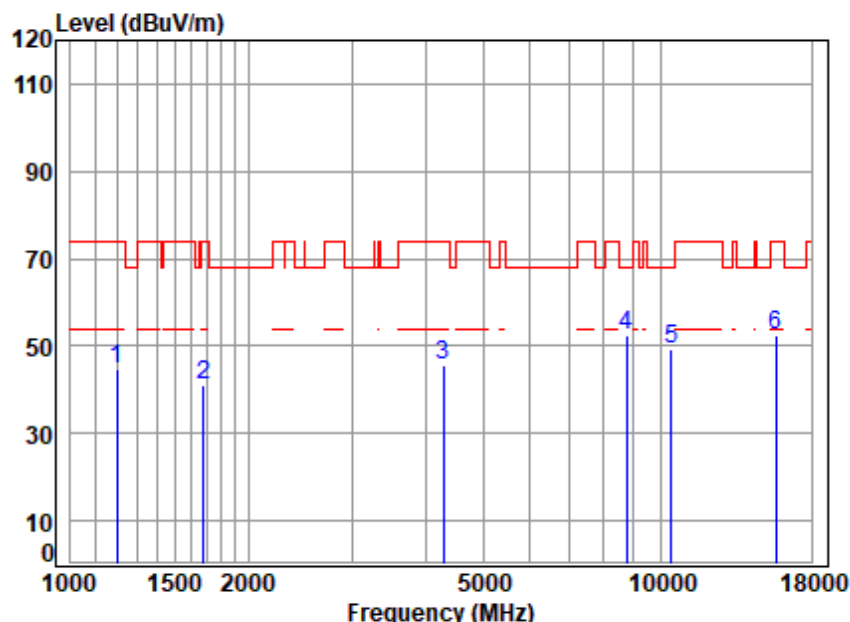


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Mode:l; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5220 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.64	44.71	74.00	-29.29	peak
2	1682.477	3.42	26.60	40.62	51.70	41.10	74.00	-32.90	peak
3	4291.977	6.57	33.24	42.39	48.40	45.82	74.00	-28.18	peak
4	8738.852	10.20	37.10	39.93	44.88	52.25	68.20	-15.95	peak
5	10440.000	10.55	37.72	38.21	39.09	49.15	68.20	-19.05	peak
6	15660.000	14.02	40.80	40.58	38.43	52.67	74.00	-21.33	peak

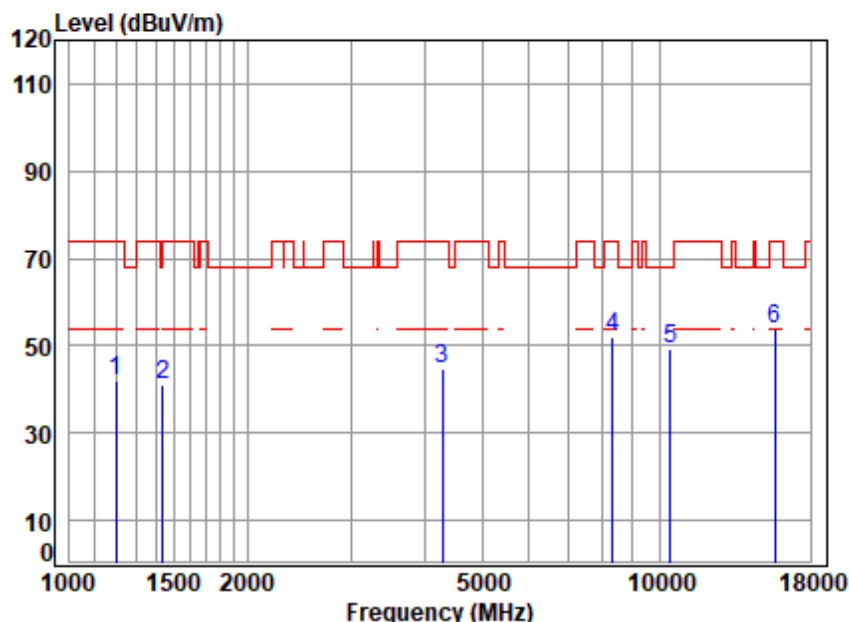


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Mode:l; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5220 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.70	41.77	74.00	-32.23	peak
2	1439.343	3.17	25.58	40.46	52.67	40.96	74.00	-33.04	peak
3	4291.977	6.57	33.24	42.39	47.16	44.58	74.00	-29.42	peak
4	8319.836	9.86	36.89	40.64	45.75	51.86	74.00	-22.14	peak
5	10440.000	10.55	37.72	38.21	39.44	49.50	68.20	-18.70	peak
6	15660.000	14.02	40.80	40.58	39.43	53.67	74.00	-20.33	peak

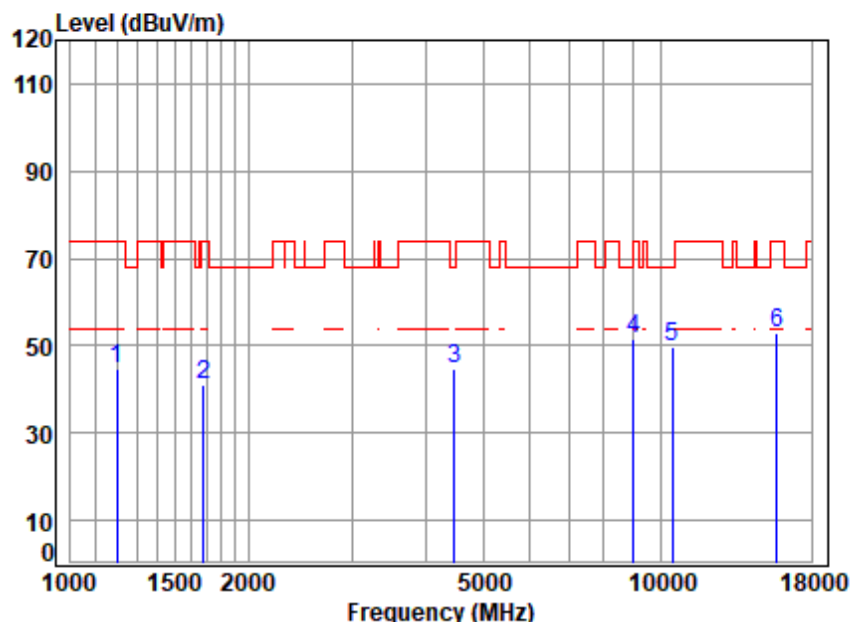


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Mode:l; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5240 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.61	44.68	74.00	-29.32	peak
2	1677.621	3.41	26.58	40.62	51.68	41.05	74.00	-32.95	peak
3	4469.214	6.73	33.55	42.53	46.85	44.60	68.20	-23.60	peak
4	8995.123	10.30	37.20	39.52	43.78	51.76	68.20	-16.44	peak
5	10480.000	10.54	37.71	38.23	39.85	49.87	68.20	-18.33	peak
6	15720.000	14.04	40.83	40.57	38.80	53.10	74.00	-20.90	peak

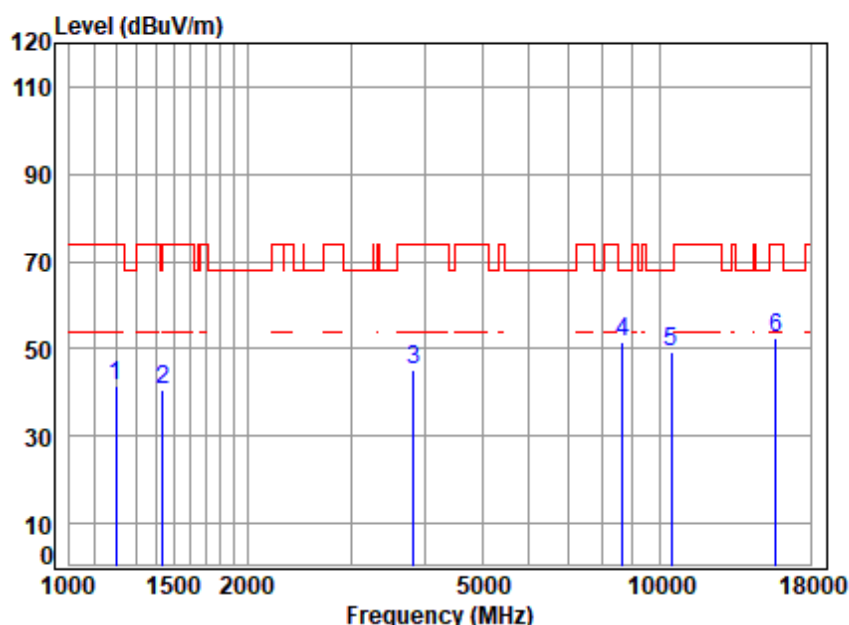


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Mode:I; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5240 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.30	41.37	74.00	-32.63	peak
2	1439.343	3.17	25.58	40.46	52.44	40.73	74.00	-33.27	peak
3	3834.438	6.04	32.38	42.02	48.73	45.13	74.00	-28.87	peak
4	8663.404	10.17	37.07	40.06	44.38	51.56	68.20	-16.64	peak
5	10480.000	10.54	37.71	38.23	39.28	49.30	68.20	-18.90	peak
6	15720.000	14.04	40.83	40.57	38.27	52.57	74.00	-21.43	peak

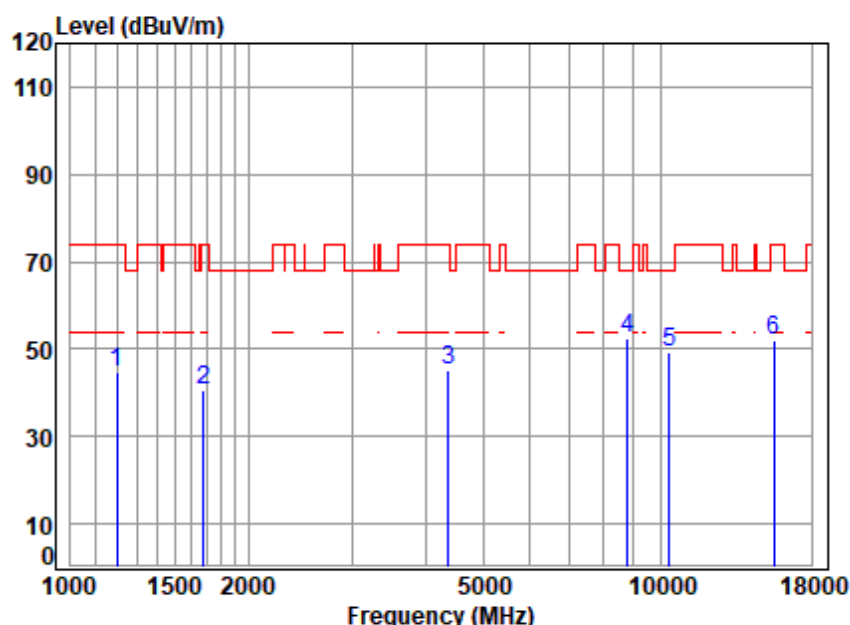


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Mode:l; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5180 TX RSE
Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.62	44.69	74.00	-29.31	peak
2	1682.477	3.42	26.60	40.62	51.42	40.82	74.00	-33.18	peak
3	4367.058	6.64	33.37	42.45	47.51	45.07	74.00	-28.93	peak
4	8789.516	10.22	37.12	39.85	45.06	52.55	68.20	-15.65	peak
5	10360.000	10.57	37.76	38.17	39.26	49.42	68.20	-18.78	peak
6	15540.000	13.97	40.72	40.58	37.94	52.05	74.00	-21.95	peak

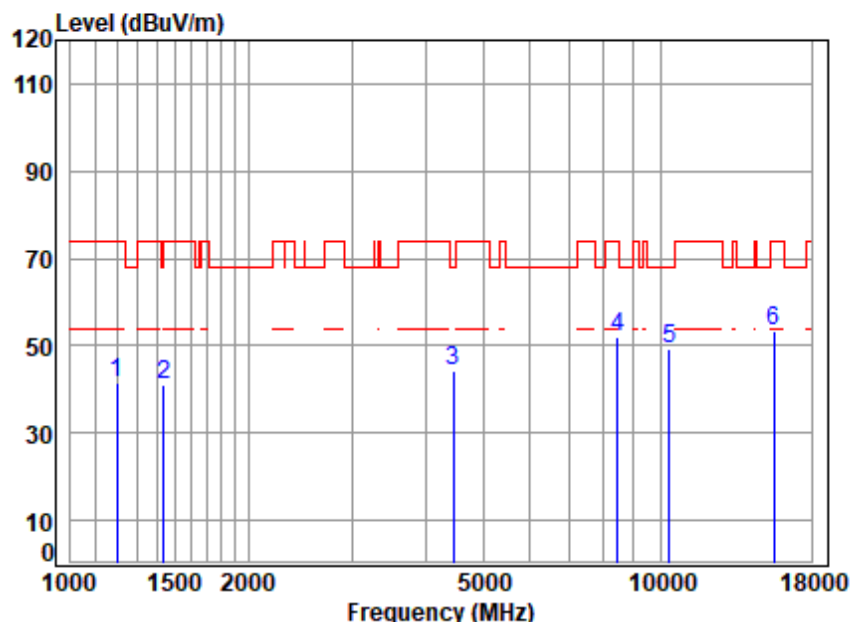


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Mode:I; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5180 TX RSE
Note : 5G WIFI 11N20

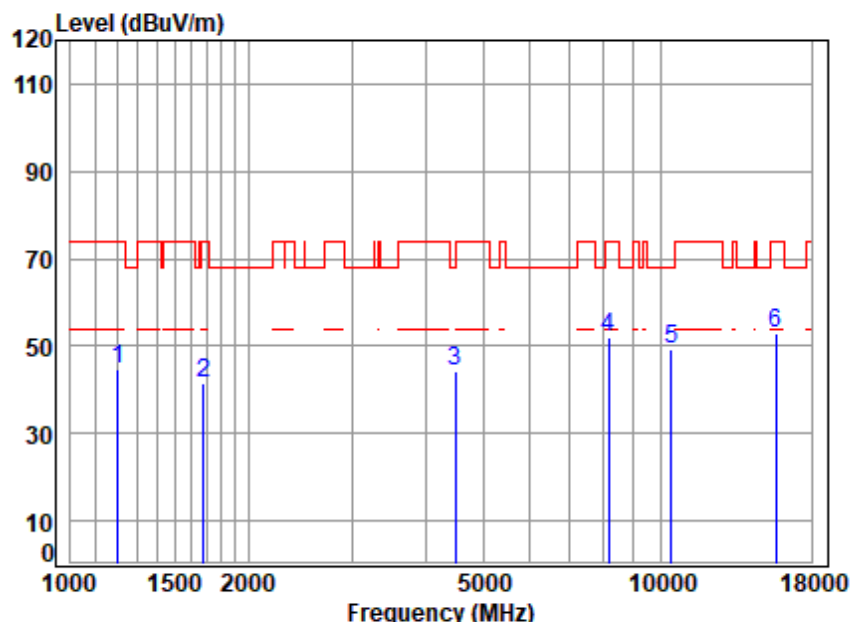
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.34	41.39	74.00	-32.61	peak
2	1439.343	3.17	25.58	40.46	52.71	41.00	74.00	-33.00	peak
3	4456.315	6.72	33.53	42.52	46.74	44.47	68.20	-23.73	peak
4	8440.945	10.02	36.97	40.43	45.50	52.06	74.00	-21.94	peak
5	10360.000	10.57	37.76	38.17	39.32	49.48	68.20	-18.72	peak
6	15540.000	13.97	40.72	40.58	39.47	53.58	74.00	-20.42	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5220 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.62	44.70	74.00	-29.30	peak
2	1682.477	3.42	26.60	40.62	52.34	41.74	74.00	-32.26	peak
3	4495.125	6.76	33.59	42.55	46.45	44.25	68.20	-23.95	peak
4	8153.195	9.63	36.79	40.93	46.37	51.86	74.00	-22.14	peak
5	10440.000	10.55	37.72	38.21	39.36	49.42	68.20	-18.78	peak
6	15660.000	14.02	40.80	40.58	38.85	53.09	74.00	-20.91	peak

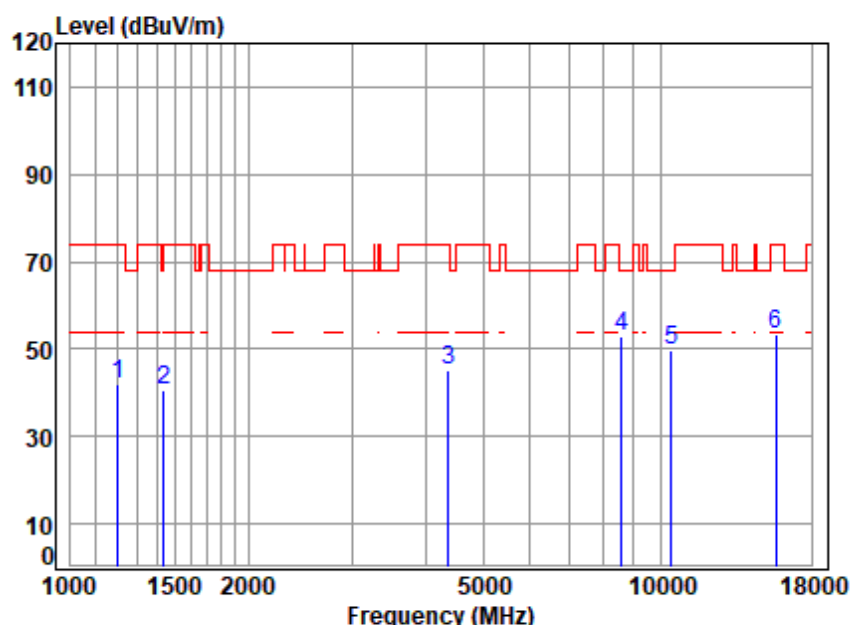


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Mode:l; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5220 TX RSE
Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	54.79	41.87	74.00	-32.13	peak
2	1439.343	3.17	25.58	40.46	52.53	40.82	74.00	-33.18	peak
3	4367.058	6.64	33.37	42.45	47.63	45.19	74.00	-28.81	peak
4	8588.607	10.14	37.04	40.18	45.94	52.94	68.20	-15.26	peak
5	10440.000	10.55	37.72	38.21	39.73	49.79	68.20	-18.41	peak
6	15660.000	14.02	40.80	40.58	39.11	53.35	74.00	-20.65	peak



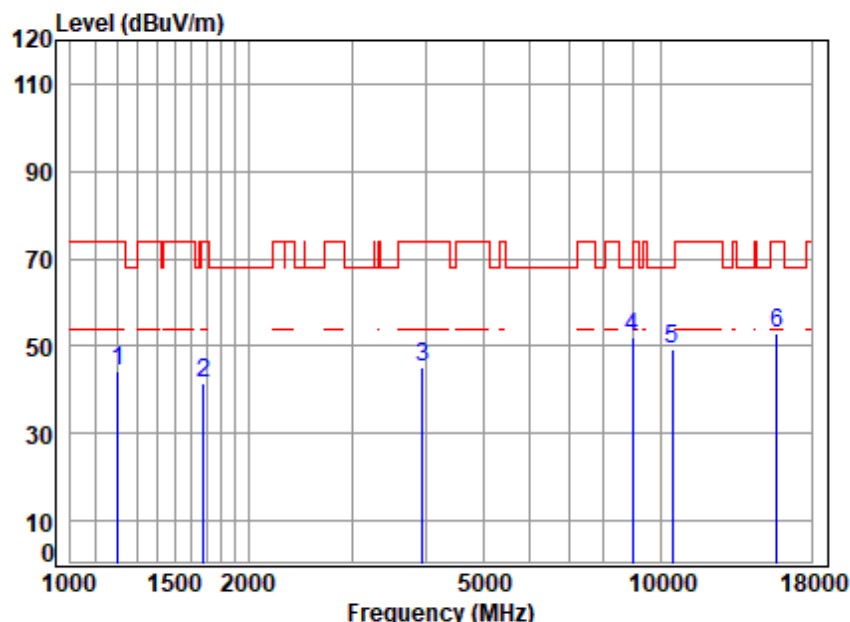
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Mode:l; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5240 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.28	44.36	74.00	-29.64	peak
2	1682.477	3.42	26.60	40.62	52.01	41.41	74.00	-32.59	peak
3	3946.885	6.20	32.60	42.11	48.33	45.02	74.00	-28.98	peak
4	8943.274	10.28	37.18	39.60	44.18	52.04	68.20	-16.16	peak
5	10480.000	10.54	37.71	38.23	39.29	49.31	68.20	-18.89	peak
6	15720.000	14.04	40.83	40.57	38.71	53.01	74.00	-20.99	peak



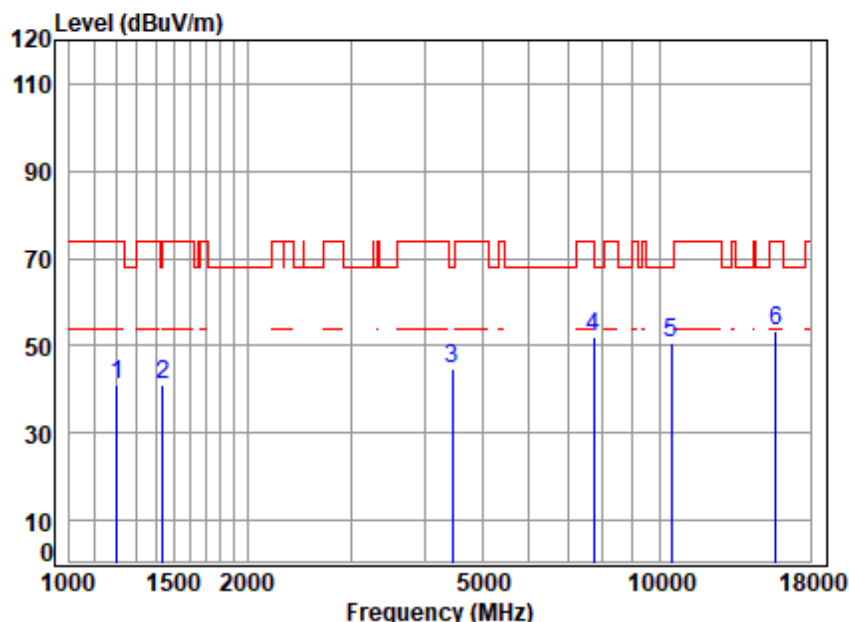
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Mode:l; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5240 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	54.14	41.22	74.00	-32.78	peak
2	1439.343	3.17	25.58	40.46	52.69	40.98	74.00	-33.02	peak
3	4456.315	6.72	33.53	42.52	46.81	44.54	68.20	-23.66	peak
4	7739.857	9.21	36.50	41.32	47.69	52.08	74.00	-21.92	peak
5	10480.000	10.54	37.71	38.23	40.53	50.55	68.20	-17.65	peak
6	15720.000	14.04	40.83	40.57	39.12	53.42	74.00	-20.58	peak

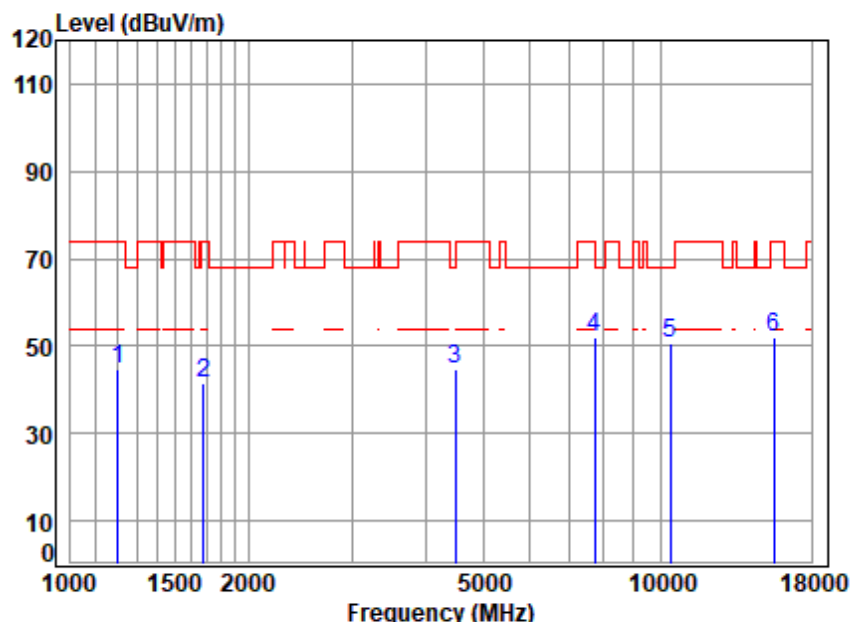


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Mode:l; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5190 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.80	44.88	74.00	-29.12	peak
2	1682.477	3.42	26.60	40.62	52.32	41.72	74.00	-32.28	peak
3	4495.125	6.76	33.59	42.55	46.73	44.53	68.20	-23.67	peak
4	7717.518	9.19	36.48	41.33	47.76	52.10	74.00	-21.90	peak
5	10380.000	10.57	37.75	38.18	40.32	50.46	68.20	-17.74	peak
6	15570.000	13.98	40.74	40.58	37.97	52.11	74.00	-21.89	peak

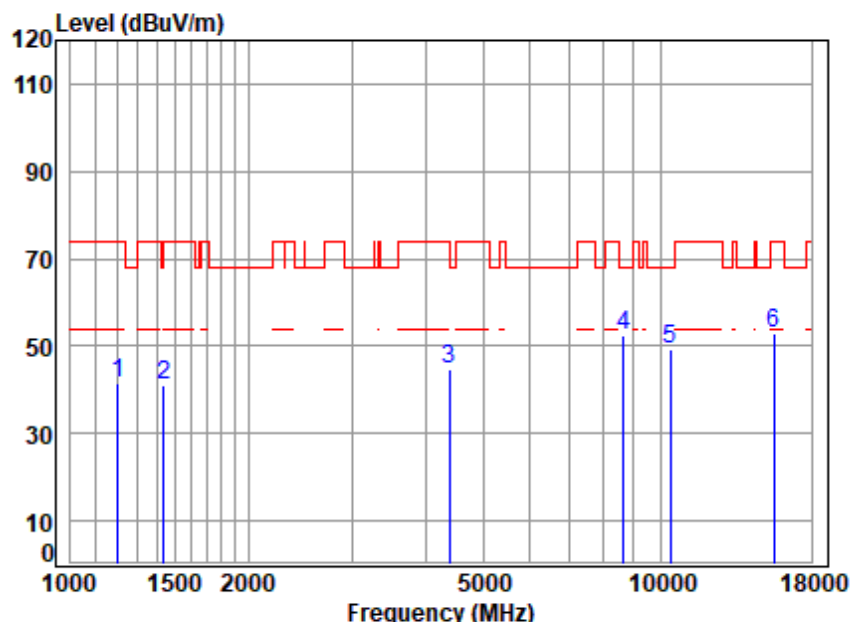


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Mode:l; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5190 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	54.59	41.67	74.00	-32.33	peak
2	1439.343	3.17	25.58	40.46	52.63	40.92	74.00	-33.08	peak
3	4392.376	6.66	33.42	42.47	46.91	44.52	74.00	-29.48	peak
4	8663.404	10.17	37.07	40.06	45.06	52.24	68.20	-15.96	peak
5	10380.000	10.57	37.75	38.18	39.29	49.43	68.20	-18.77	peak
6	15570.000	13.98	40.74	40.58	38.71	52.85	74.00	-21.15	peak

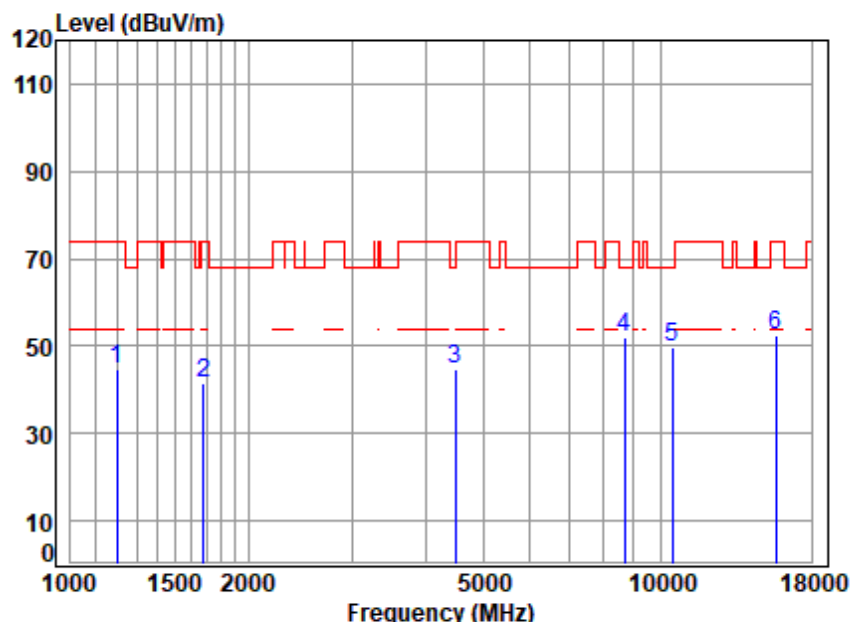


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Mode:l; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5230 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.80	44.87	74.00	-29.13	peak
2	1677.621	3.41	26.58	40.62	52.21	41.58	74.00	-32.42	peak
3	4495.125	6.76	33.59	42.55	46.89	44.69	68.20	-23.51	peak
4	8688.480	10.18	37.08	40.02	44.75	51.99	68.20	-16.21	peak
5	10460.000	10.54	37.72	38.22	39.63	49.67	68.20	-18.53	peak
6	15690.000	14.03	40.82	40.58	38.33	52.60	74.00	-21.40	peak



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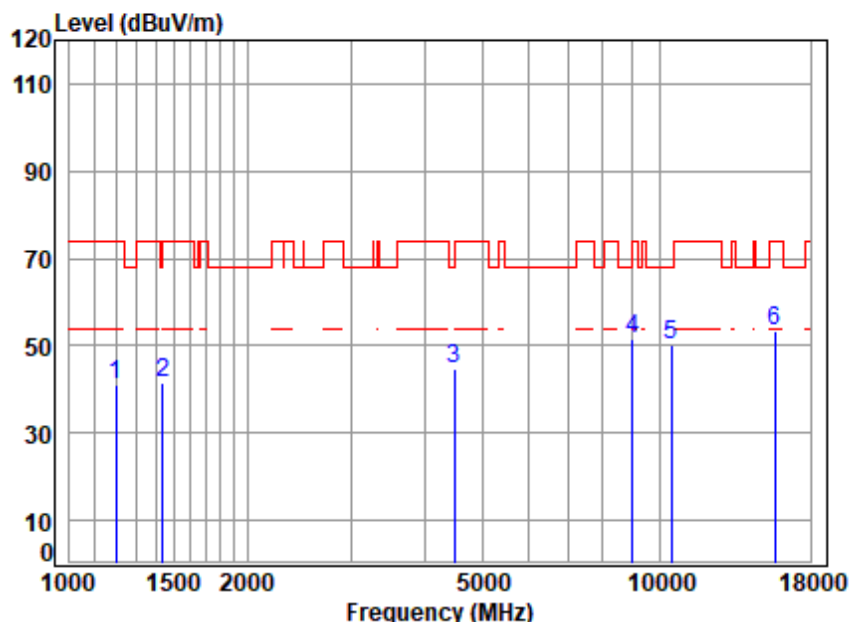
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Mode:I; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5230 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.17	41.24	74.00	-32.76	peak
2	1439.343	3.17	25.58	40.46	53.08	41.37	74.00	-32.63	peak
3	4482.150	6.74	33.57	42.54	46.92	44.69	68.20	-23.51	peak
4	8995.123	10.30	37.20	39.52	43.49	51.47	68.20	-16.73	peak
5	10460.000	10.54	37.72	38.22	40.21	50.25	68.20	-17.95	peak
6	15690.000	14.03	40.82	40.58	39.07	53.34	74.00	-20.66	peak



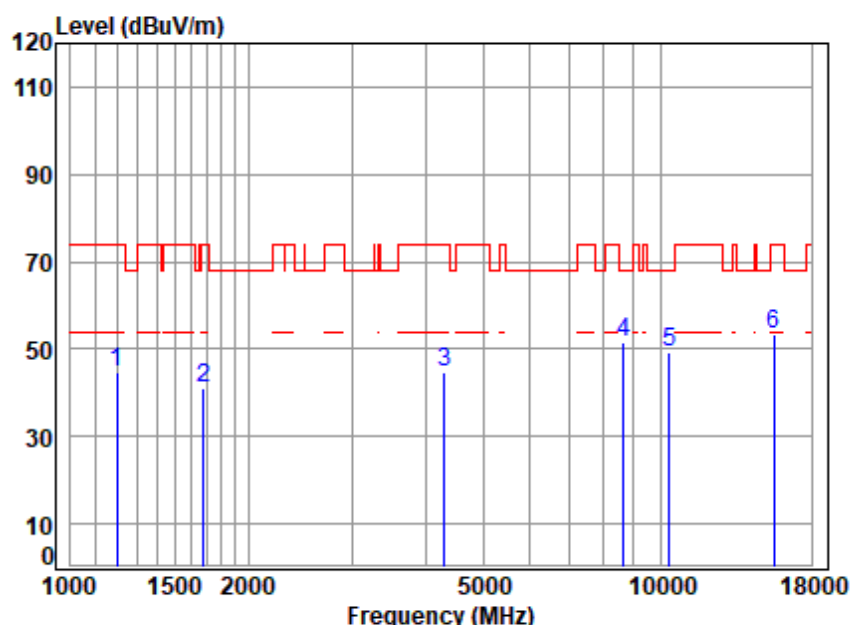
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Mode:l; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5180 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.57	44.64	74.00	-29.36	peak
2	1677.621	3.41	26.58	40.62	51.51	40.88	74.00	-33.12	peak
3	4304.400	6.58	33.26	42.40	47.22	44.66	74.00	-29.34	peak
4	8663.404	10.17	37.07	40.06	44.54	51.72	68.20	-16.48	peak
5	10360.000	10.57	37.76	38.17	39.10	49.26	68.20	-18.94	peak
6	15540.000	13.97	40.72	40.58	39.15	53.26	74.00	-20.74	peak

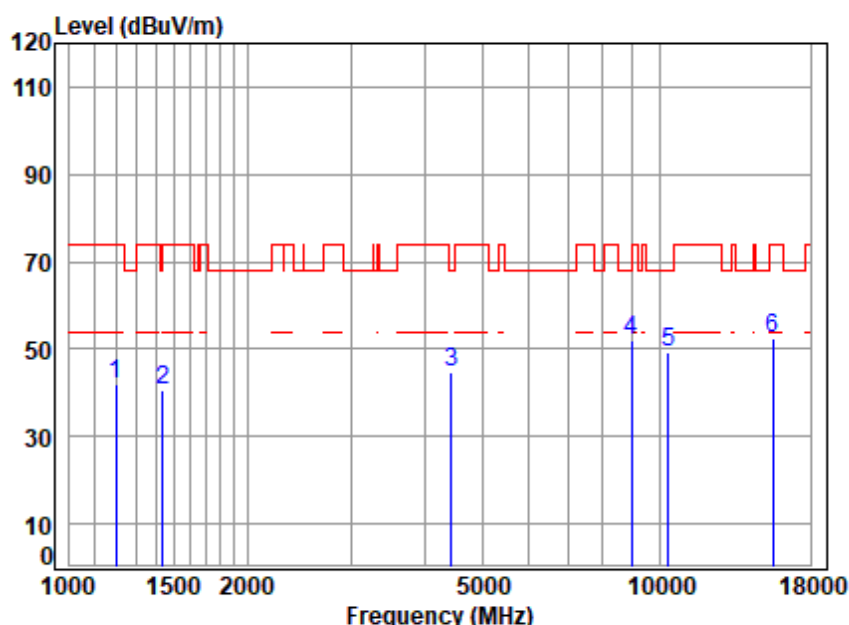


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Mode:I; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5180 TX RSE
Note : 5G WIFI 11AC20

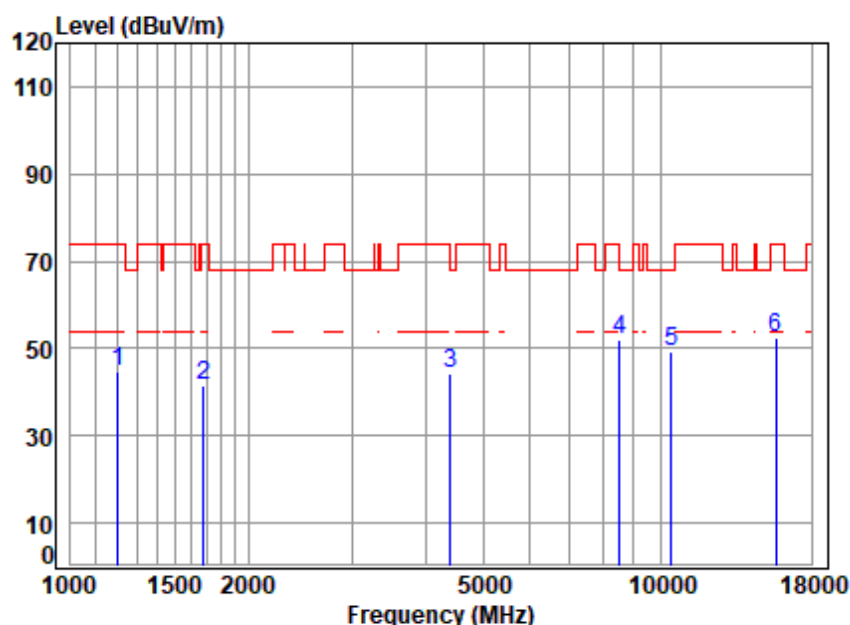
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.77	41.82	74.00	-32.18	peak
2	1439.343	3.17	25.58	40.46	52.55	40.84	74.00	-33.16	peak
3	4443.453	6.71	33.50	42.51	47.24	44.94	68.20	-23.26	peak
4	8969.161	10.29	37.19	39.56	44.03	51.95	68.20	-16.25	peak
5	10360.000	10.57	37.76	38.17	39.08	49.24	68.20	-18.96	peak
6	15540.000	13.97	40.72	40.58	38.33	52.44	74.00	-21.56	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5220 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.61	44.69	74.00	-29.31	peak
2	1682.477	3.42	26.60	40.62	52.29	41.69	74.00	-32.31	peak
3	4405.090	6.67	33.44	42.48	46.82	44.45	68.20	-23.75	peak
4	8514.456	10.11	37.01	40.31	45.42	52.23	68.20	-15.97	peak
5	10440.000	10.55	37.72	38.21	39.02	49.08	68.20	-19.12	peak
6	15660.000	14.02	40.80	40.58	38.21	52.45	74.00	-21.55	peak

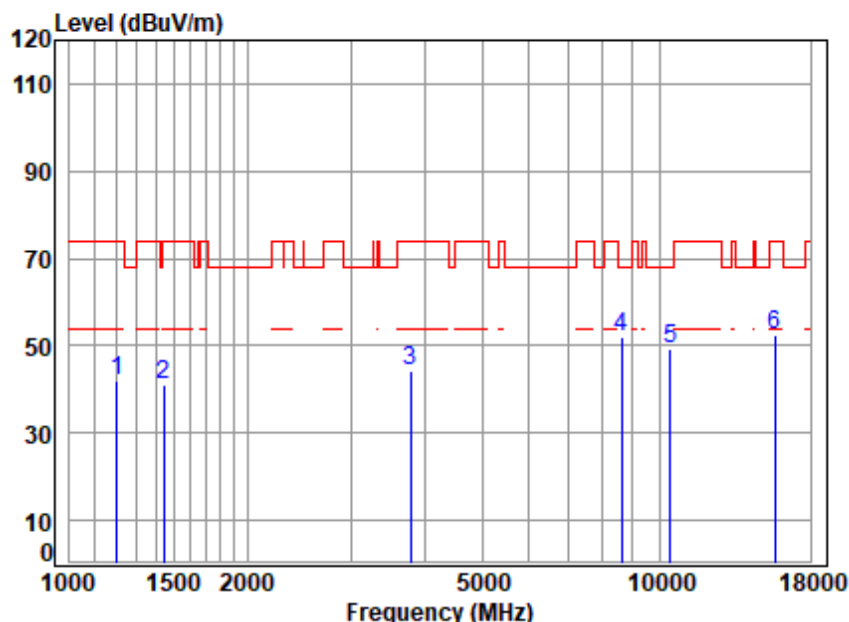


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Mode:l; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5220 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	54.92	42.00	74.00	-32.00	peak
2	1443.509	3.17	25.59	40.47	52.83	41.12	74.00	-32.88	peak
3	3790.361	5.97	32.30	41.98	48.05	44.34	74.00	-29.66	peak
4	8613.468	10.15	37.05	40.14	44.77	51.83	68.20	-16.37	peak
5	10440.000	10.55	37.72	38.21	39.06	49.12	68.20	-19.08	peak
6	15660.000	14.02	40.80	40.58	38.37	52.61	74.00	-21.39	peak



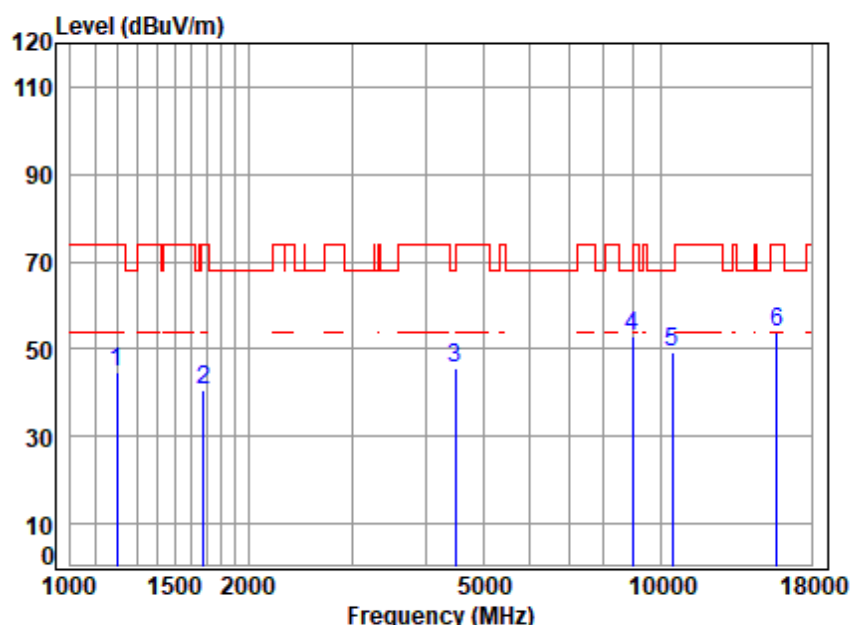
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Mode:l; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5240 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.65	44.72	74.00	-29.28	peak
2	1677.621	3.41	26.58	40.62	51.29	40.66	74.00	-33.34	peak
3	4495.125	6.76	33.59	42.55	47.70	45.50	68.20	-22.70	peak
4	8969.161	10.29	37.19	39.56	45.08	53.00	68.20	-15.20	peak
5	10480.000	10.54	37.71	38.23	39.15	49.17	68.20	-19.03	peak
6	15720.000	14.04	40.83	40.57	39.38	53.68	74.00	-20.32	peak

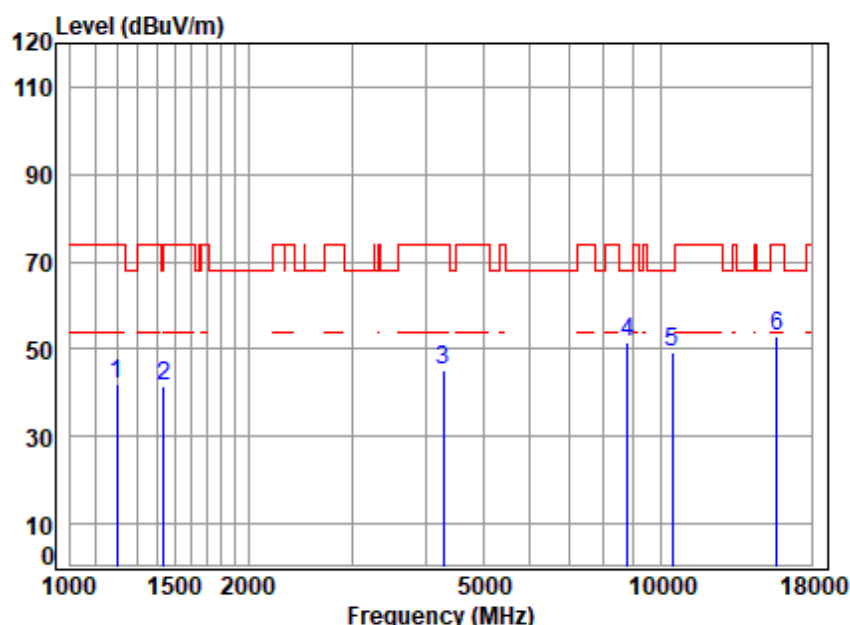


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Mode:I; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5240 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.85	41.92	74.00	-32.08	peak
2	1439.343	3.17	25.58	40.46	53.10	41.39	74.00	-32.61	peak
3	4291.977	6.57	33.24	42.39	47.53	44.95	74.00	-29.05	peak
4	8789.516	10.22	37.12	39.85	43.89	51.38	68.20	-16.82	peak
5	10480.000	10.54	37.71	38.23	39.37	49.39	68.20	-18.81	peak
6	15720.000	14.04	40.83	40.57	38.53	52.83	74.00	-21.17	peak

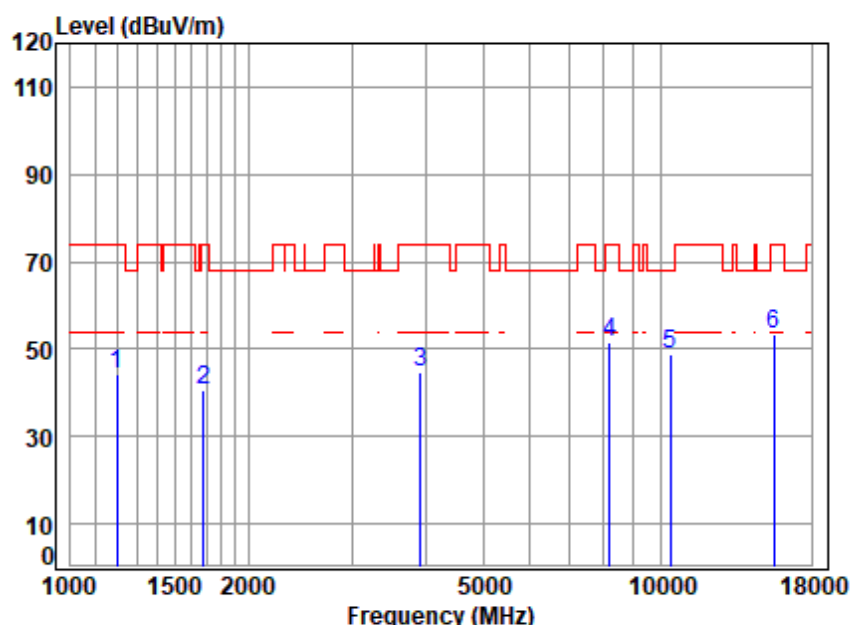


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Mode:l; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5190 TX RSE
Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.23	44.30	74.00	-29.70	peak
2	1677.621	3.41	26.58	40.62	51.40	40.77	74.00	-33.23	peak
3	3912.809	6.15	32.53	42.08	48.24	44.84	74.00	-29.16	peak
4	8200.463	9.70	36.82	40.85	45.98	51.65	74.00	-22.35	peak
5	10380.000	10.57	37.75	38.18	38.48	48.62	68.20	-19.58	peak
6	15570.000	13.98	40.74	40.58	39.15	53.29	74.00	-20.71	peak



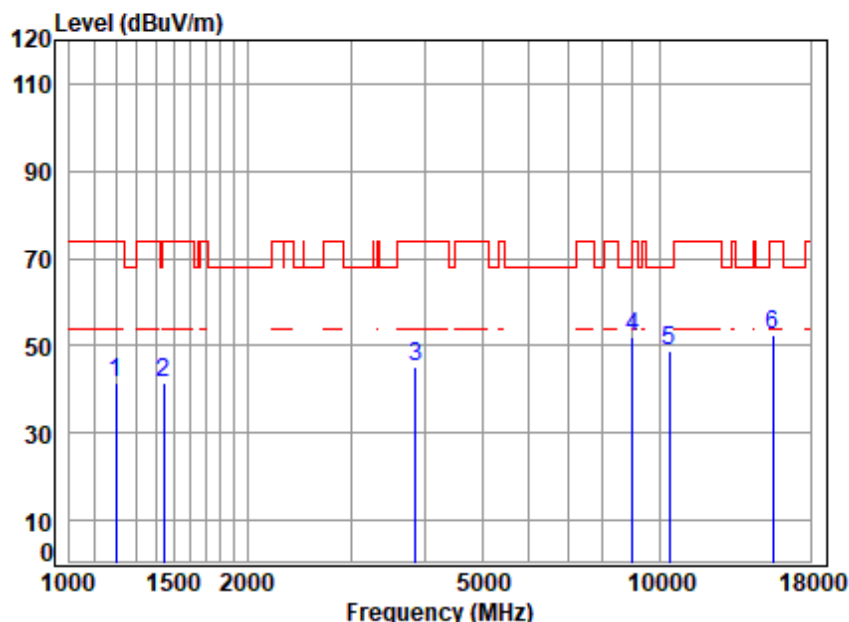
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Mode:I; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5190 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.45	41.50	74.00	-32.50	peak
2	1443.509	3.17	25.59	40.47	53.08	41.37	74.00	-32.63	peak
3	3856.668	6.07	32.43	42.04	48.79	45.25	74.00	-28.75	peak
4	8995.123	10.30	37.20	39.52	44.15	52.13	68.20	-16.07	peak
5	10380.000	10.57	37.75	38.18	38.74	48.88	68.20	-19.32	peak
6	15570.000	13.98	40.74	40.58	38.52	52.66	74.00	-21.34	peak



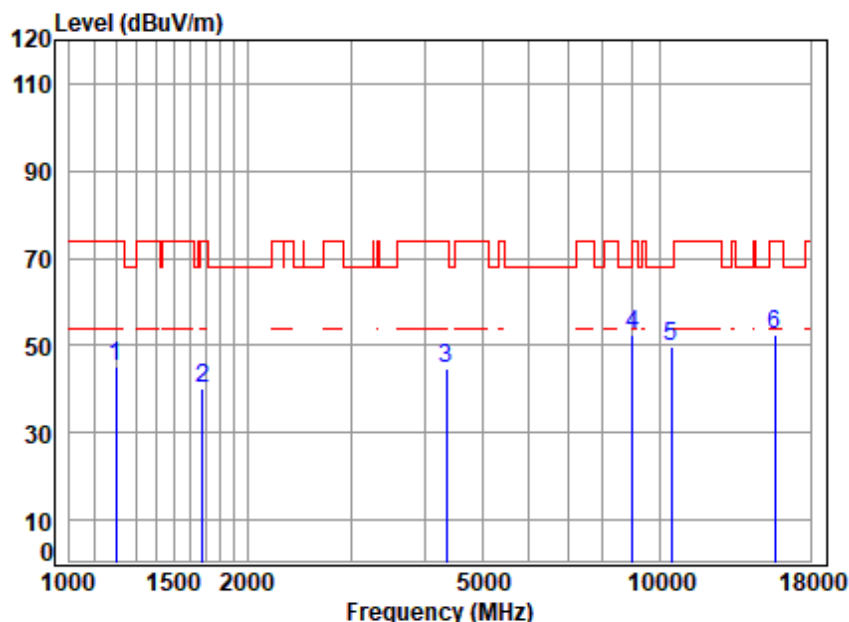
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Mode:l; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5230 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.99	45.06	74.00	-28.94	peak
2	1677.621	3.41	26.58	40.62	50.89	40.26	74.00	-33.74	peak
3	4354.454	6.63	33.35	42.44	47.17	44.71	74.00	-29.29	peak
4	8995.123	10.30	37.20	39.52	44.47	52.45	68.20	-15.75	peak
5	10460.000	10.54	37.72	38.22	39.62	49.66	68.20	-18.54	peak
6	15690.000	14.03	40.82	40.58	38.11	52.38	74.00	-21.62	peak

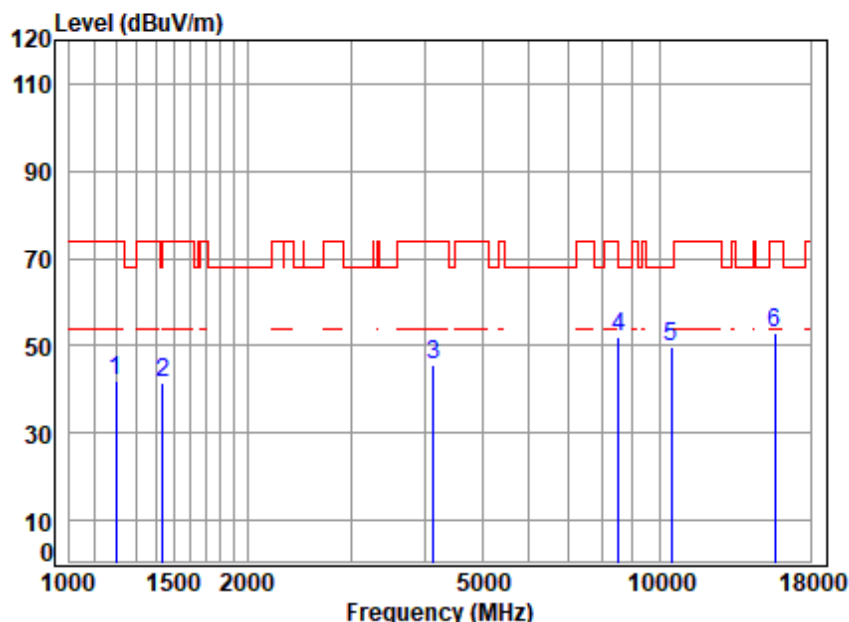


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Mode:l; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5230 TX RSE
Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	55.00	42.07	74.00	-31.93	peak
2	1439.343	3.17	25.58	40.46	53.43	41.72	74.00	-32.28	peak
3	4133.699	6.41	32.95	42.27	48.32	45.41	74.00	-28.59	peak
4	8514.456	10.11	37.01	40.31	45.12	51.93	68.20	-16.27	peak
5	10460.000	10.54	37.72	38.22	39.87	49.91	68.20	-18.29	peak
6	15690.000	14.03	40.82	40.58	38.77	53.04	74.00	-20.96	peak



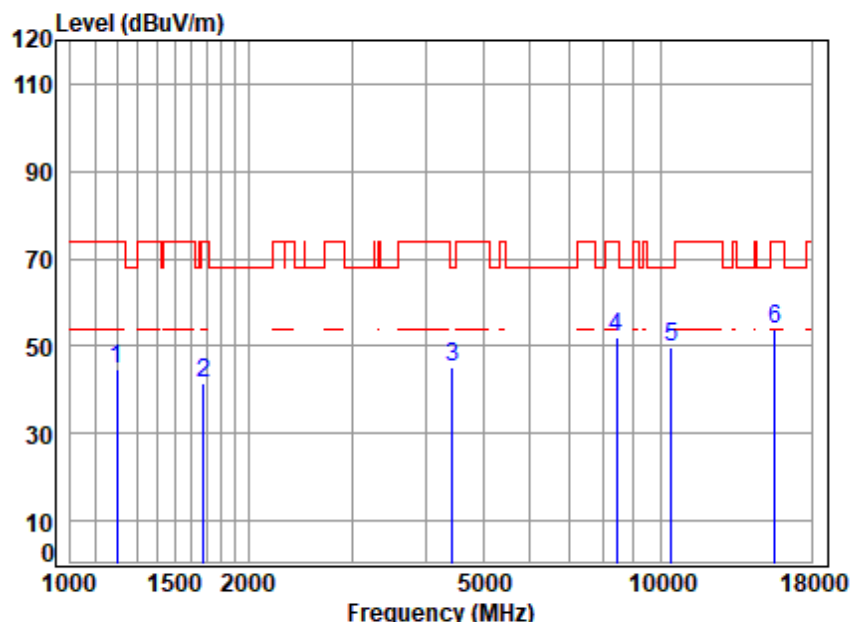
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Mode:l; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5210 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.52	44.59	74.00	-29.41	peak
2	1677.621	3.41	26.58	40.62	52.13	41.50	74.00	-32.50	peak
3	4430.628	6.70	33.48	42.50	47.54	45.22	68.20	-22.98	peak
4	8416.584	9.99	36.95	40.47	45.40	51.87	74.00	-22.13	peak
5	10420.000	10.56	37.73	38.20	39.42	49.51	68.20	-18.69	peak
6	15630.000	14.01	40.78	40.58	39.69	53.90	74.00	-20.10	peak

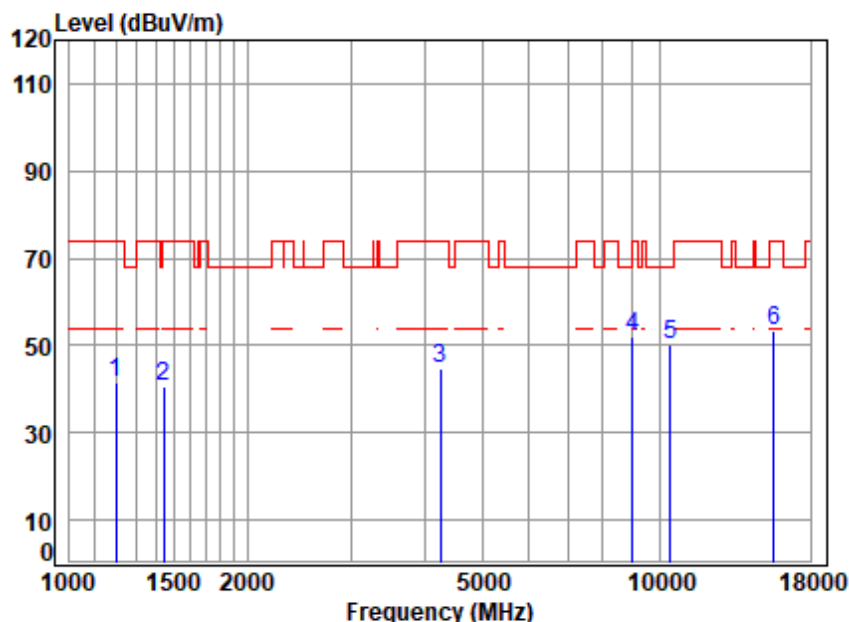


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Mode:l; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5210 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.24	41.29	74.00	-32.71	peak
2	1443.509	3.17	25.59	40.47	52.44	40.73	74.00	-33.27	peak
3	4242.641	6.52	33.15	42.35	47.54	44.86	74.00	-29.14	peak
4	8995.123	10.30	37.20	39.52	43.97	51.95	68.20	-16.25	peak
5	10420.000	10.56	37.73	38.20	40.14	50.23	68.20	-17.97	peak
6	15630.000	14.01	40.78	40.58	39.39	53.60	74.00	-20.40	peak

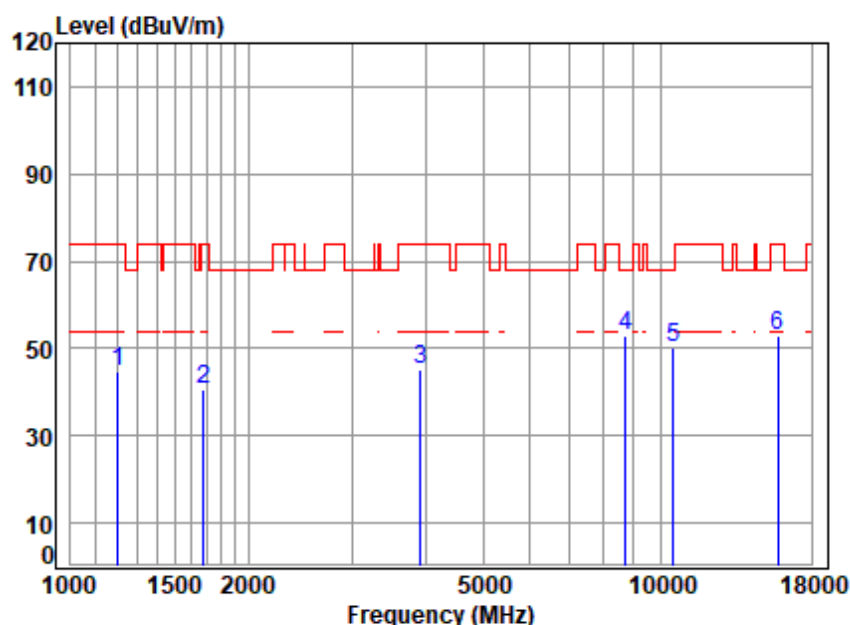


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Mode:m; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5260 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.47	44.55	74.00	-29.45	peak
2	1682.477	3.42	26.60	40.62	51.12	40.52	74.00	-33.48	peak
3	3912.809	6.15	32.53	42.08	48.66	45.26	74.00	-28.74	peak
4	8713.630	10.19	37.09	39.97	45.63	52.94	68.20	-15.26	peak
5	10520.000	10.55	37.70	38.25	39.99	49.99	68.20	-18.21	peak
6	15780.000	14.07	40.87	40.57	38.39	52.76	74.00	-21.24	peak

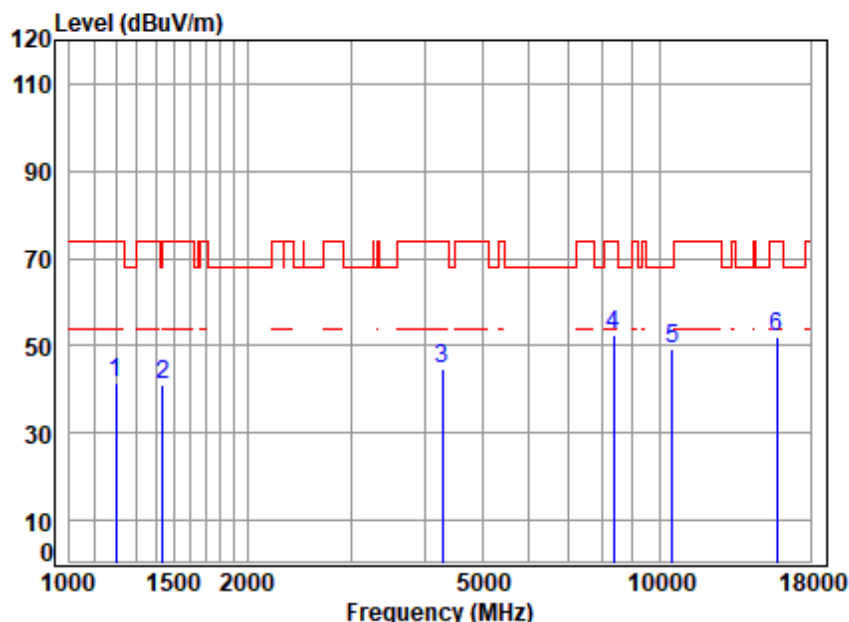


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Mode:m; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5260 TX RSE
Note : 5G WIFI 11A

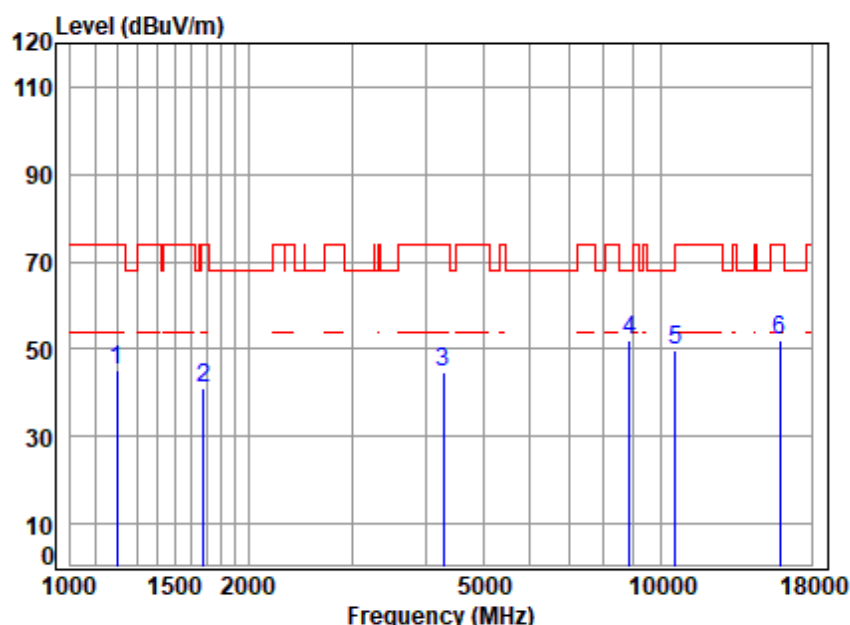
	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.53	41.60	74.00	-32.40	peak
2	1439.343	3.17	25.58	40.46	52.96	41.25	74.00	-32.75	peak
3	4291.977	6.57	33.24	42.39	47.15	44.57	74.00	-29.43	peak
4	8343.918	9.89	36.91	40.60	46.41	52.61	74.00	-21.39	peak
5	10520.000	10.55	37.70	38.25	39.35	49.35	68.20	-18.85	peak
6	15780.000	14.07	40.87	40.57	37.81	52.18	74.00	-21.82	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5300 TX RSE
Note : 5G WIFI 11A

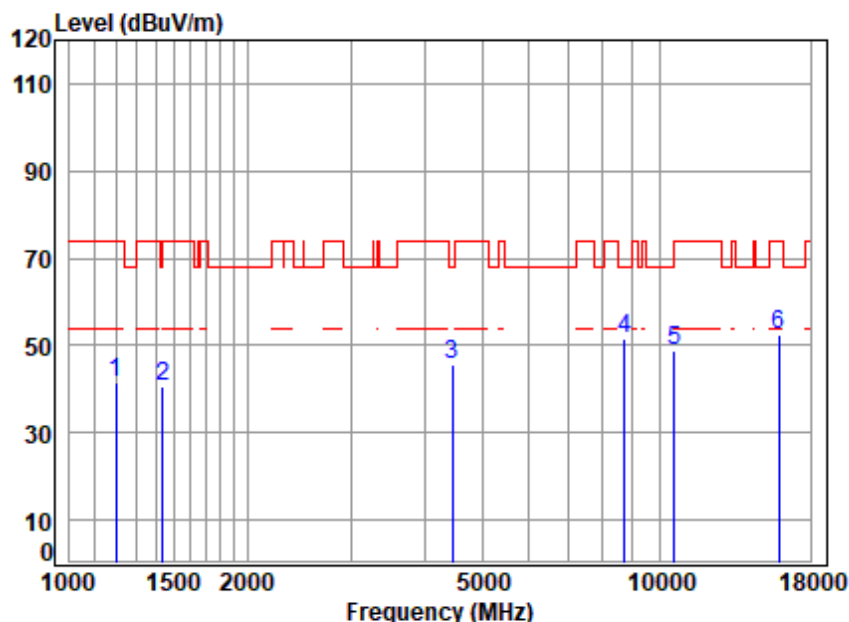
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.96	45.03	74.00	-28.97	peak
2	1682.477	3.42	26.60	40.62	51.78	41.18	74.00	-32.82	peak
3	4291.977	6.57	33.24	42.39	47.40	44.82	74.00	-29.18	peak
4	8866.062	10.25	37.15	39.73	44.52	52.19	68.20	-16.01	peak
5	10600.000	10.62	37.72	38.29	39.56	49.61	68.20	-18.59	peak
6	15900.000	14.12	40.94	40.57	37.38	51.87	74.00	-22.13	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5300 TX RSE
Note : 5G WIFI 11A

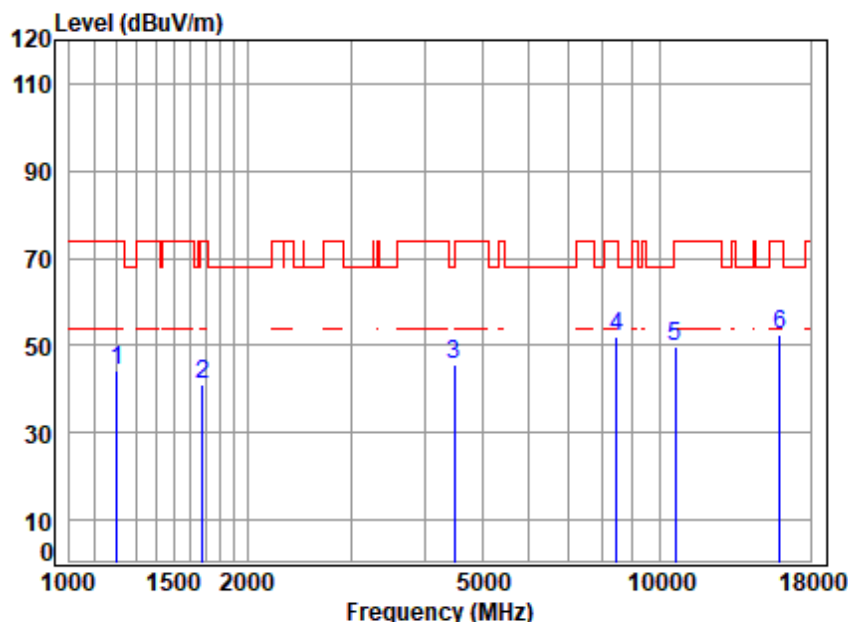
	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.34	41.41	74.00	-32.59	peak
2	1439.343	3.17	25.58	40.46	52.33	40.62	74.00	-33.38	peak
3	4456.315	6.72	33.53	42.52	48.02	45.75	68.20	-22.45	peak
4	8713.630	10.19	37.09	39.97	44.08	51.39	68.20	-16.81	peak
5	10600.000	10.62	37.72	38.29	38.61	48.66	68.20	-19.54	peak
6	15900.000	14.12	40.94	40.57	38.06	52.55	74.00	-21.45	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5320 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.21	44.29	74.00	-29.71	peak
2	1682.477	3.42	26.60	40.62	51.82	41.22	74.00	-32.78	peak
3	4482.150	6.74	33.57	42.54	47.82	45.59	68.20	-22.61	peak
4	8465.379	10.05	36.98	40.39	45.44	52.08	74.00	-21.92	peak
5	10640.000	10.66	37.73	38.31	39.82	49.90	74.00	-24.10	peak
6	15960.000	14.14	40.98	40.57	38.06	52.61	74.00	-21.39	peak

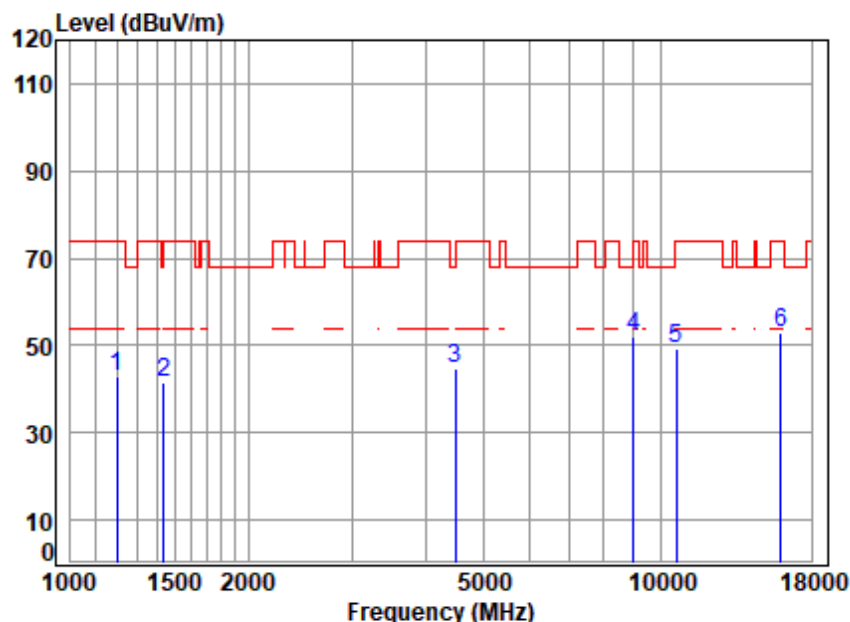


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Mode:m; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5320 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	56.00	43.07	74.00	-30.93	peak
2	1439.343	3.17	25.58	40.46	53.01	41.30	74.00	-32.70	peak
3	4482.150	6.74	33.57	42.54	46.94	44.71	68.20	-23.49	peak
4	8995.123	10.30	37.20	39.52	44.23	52.21	68.20	-15.99	peak
5	10640.000	10.66	37.73	38.31	39.15	49.23	74.00	-24.77	peak
6	15960.000	14.14	40.98	40.57	38.48	53.03	74.00	-20.97	peak

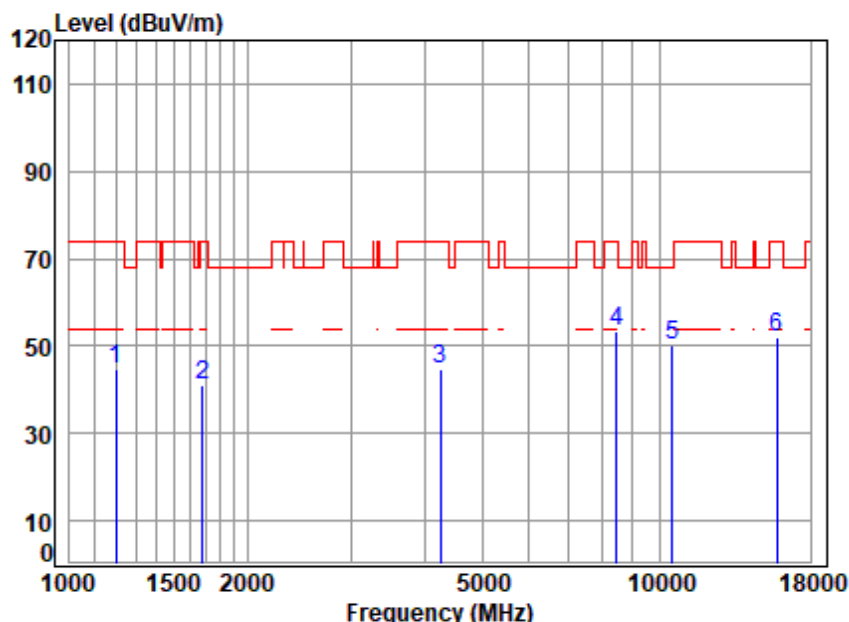


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Mode:m; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5260 TX RSE
Note : 5G WIFI 11N20

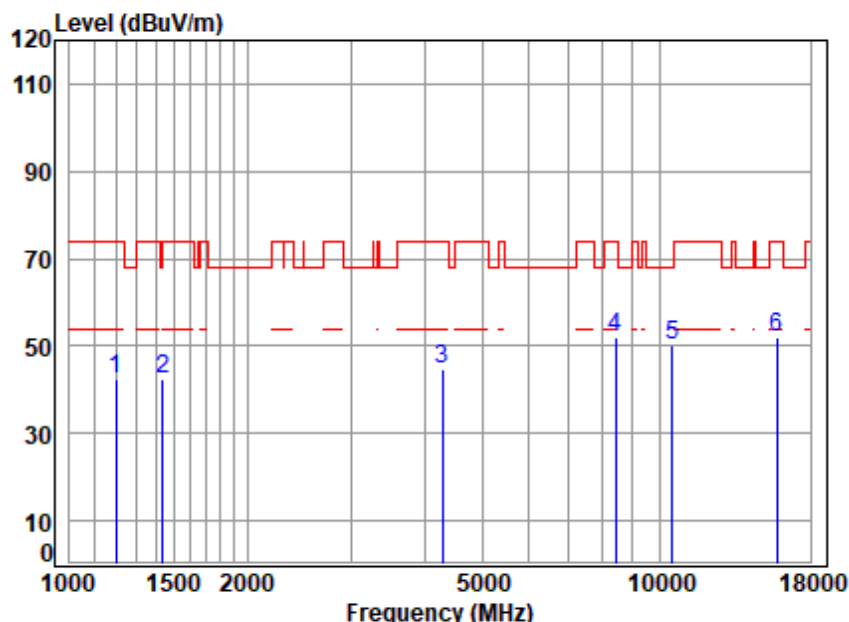
	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.55	44.62	74.00	-29.38	peak
2	1677.621	3.41	26.58	40.62	51.60	40.97	74.00	-33.03	peak
3	4242.641	6.52	33.15	42.35	47.59	44.91	74.00	-29.09	peak
4	8440.945	10.02	36.97	40.43	46.72	53.28	74.00	-20.72	peak
5	10520.000	10.55	37.70	38.25	39.98	49.98	68.20	-18.22	peak
6	15780.000	14.07	40.87	40.57	37.59	51.96	74.00	-22.04	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5260 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	55.41	42.48	74.00	-31.52	peak
2	1439.343	3.17	25.58	40.46	54.04	42.33	74.00	-31.67	peak
3	4291.977	6.57	33.24	42.39	47.39	44.81	74.00	-29.19	peak
4	8416.584	9.99	36.95	40.47	45.33	51.80	74.00	-22.20	peak
5	10520.000	10.55	37.70	38.25	40.12	50.12	68.20	-18.08	peak
6	15780.000	14.07	40.87	40.57	37.80	52.17	74.00	-21.83	peak

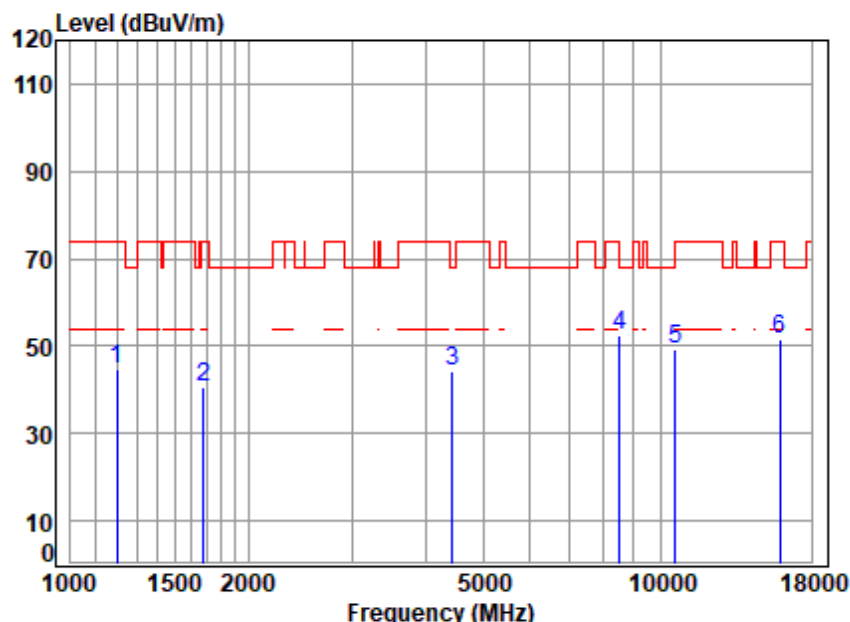


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Mode:m; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5300 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.66	44.73	74.00	-29.27	peak
2	1677.621	3.41	26.58	40.62	51.31	40.68	74.00	-33.32	peak
3	4430.628	6.70	33.48	42.50	46.63	44.31	68.20	-23.89	peak
4	8514.456	10.11	37.01	40.31	45.62	52.43	68.20	-15.77	peak
5	10600.000	10.62	37.72	38.29	39.20	49.25	68.20	-18.95	peak
6	15900.000	14.12	40.94	40.57	37.09	51.58	74.00	-22.42	peak

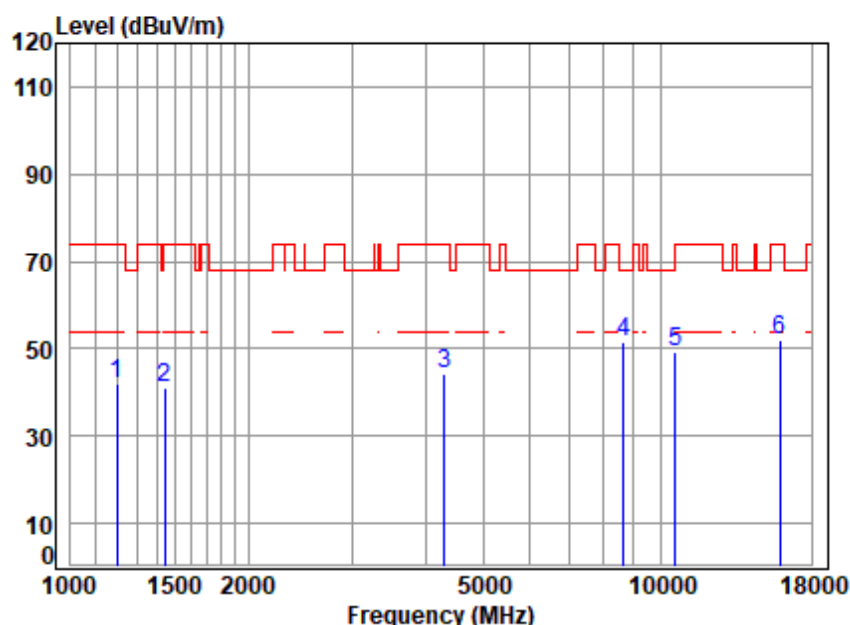


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Mode:m; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5300 TX RSE
Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.80	41.87	74.00	-32.13	peak
2	1443.509	3.17	25.59	40.47	52.89	41.18	74.00	-32.82	peak
3	4304.400	6.58	33.26	42.40	46.98	44.42	74.00	-29.58	peak
4	8663.404	10.17	37.07	40.06	44.47	51.65	68.20	-16.55	peak
5	10600.000	10.62	37.72	38.29	39.27	49.32	68.20	-18.88	peak
6	15900.000	14.12	40.94	40.57	37.34	51.83	74.00	-22.17	peak

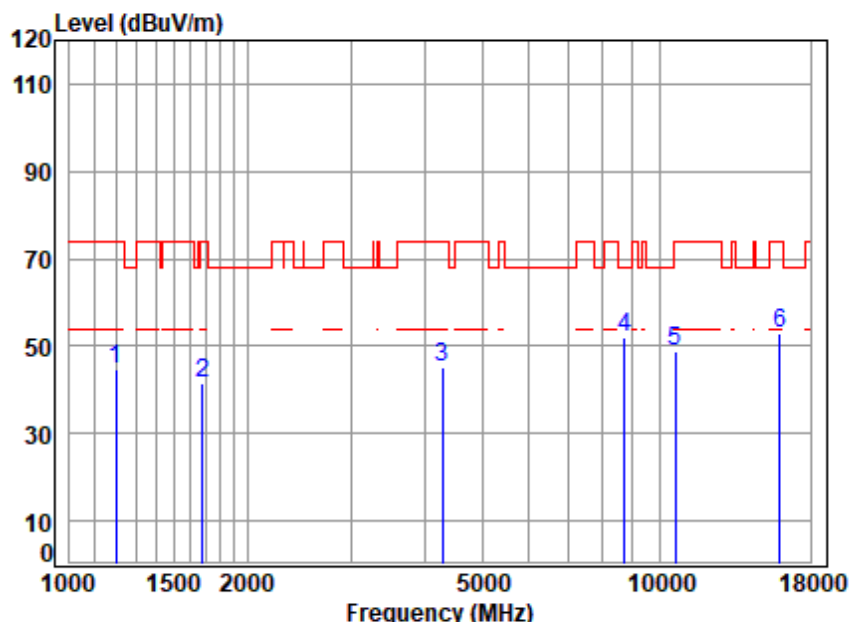


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Mode:m; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5320 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.50	44.57	74.00	-29.43	peak
2	1677.621	3.41	26.58	40.62	52.00	41.37	74.00	-32.63	peak
3	4279.589	6.56	33.22	42.38	47.79	45.19	74.00	-28.81	peak
4	8713.630	10.19	37.09	39.97	44.51	51.82	68.20	-16.38	peak
5	10640.000	10.66	37.73	38.31	38.72	48.80	74.00	-25.20	peak
6	15960.000	14.14	40.98	40.57	38.34	52.89	74.00	-21.11	peak

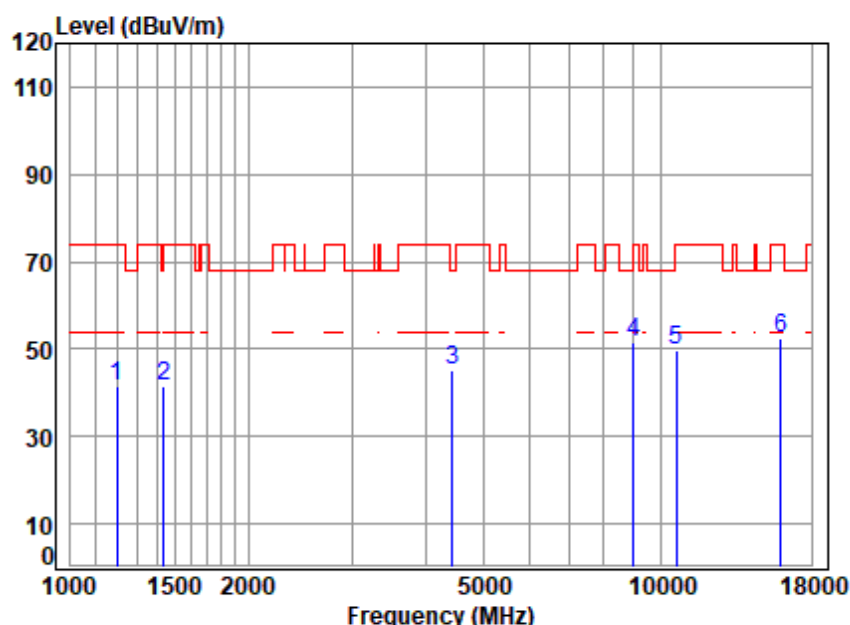


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Mode:m; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5320 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.44	41.51	74.00	-32.49	peak
2	1439.343	3.17	25.58	40.46	53.21	41.50	74.00	-32.50	peak
3	4430.628	6.70	33.48	42.50	47.57	45.25	68.20	-22.95	peak
4	8995.123	10.30	37.20	39.52	43.67	51.65	68.20	-16.55	peak
5	10640.000	10.66	37.73	38.31	39.66	49.74	74.00	-24.26	peak
6	15960.000	14.14	40.98	40.57	38.10	52.65	74.00	-21.35	peak

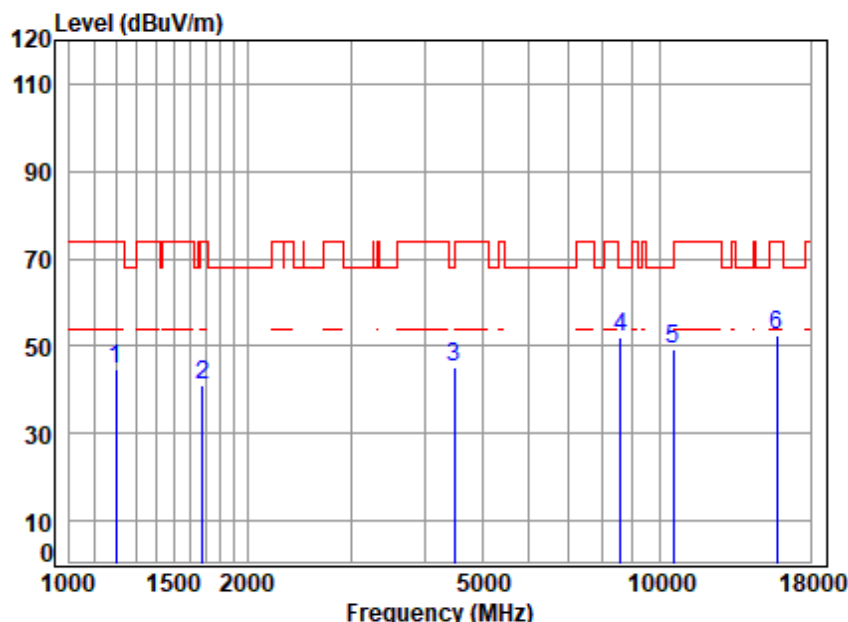


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Mode:m; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5270 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.52	44.59	74.00	-29.41	peak
2	1677.621	3.41	26.58	40.62	51.49	40.86	74.00	-33.14	peak
3	4495.125	6.76	33.59	42.55	47.48	45.28	68.20	-22.92	peak
4	8588.607	10.14	37.04	40.18	44.90	51.90	68.20	-16.30	peak
5	10540.000	10.57	37.71	38.26	39.09	49.11	68.20	-19.09	peak
6	15810.000	14.08	40.89	40.57	38.19	52.59	74.00	-21.41	peak

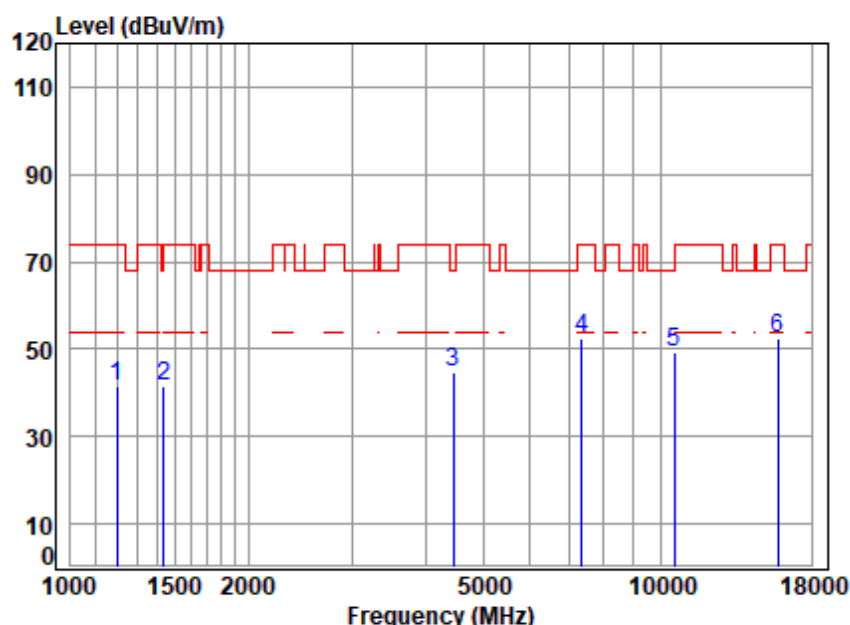


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Mode:m; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5270 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.60	41.65	74.00	-32.35	peak
2	1439.343	3.17	25.58	40.46	53.05	41.34	74.00	-32.66	peak
3	4456.315	6.72	33.53	42.52	46.88	44.61	68.20	-23.59	peak
4	7347.474	8.87	36.18	41.51	48.91	52.45	74.00	-21.55	peak
5	10540.000	10.57	37.71	38.26	39.40	49.42	68.20	-18.78	peak
6	15810.000	14.08	40.89	40.57	37.93	52.33	74.00	-21.67	peak



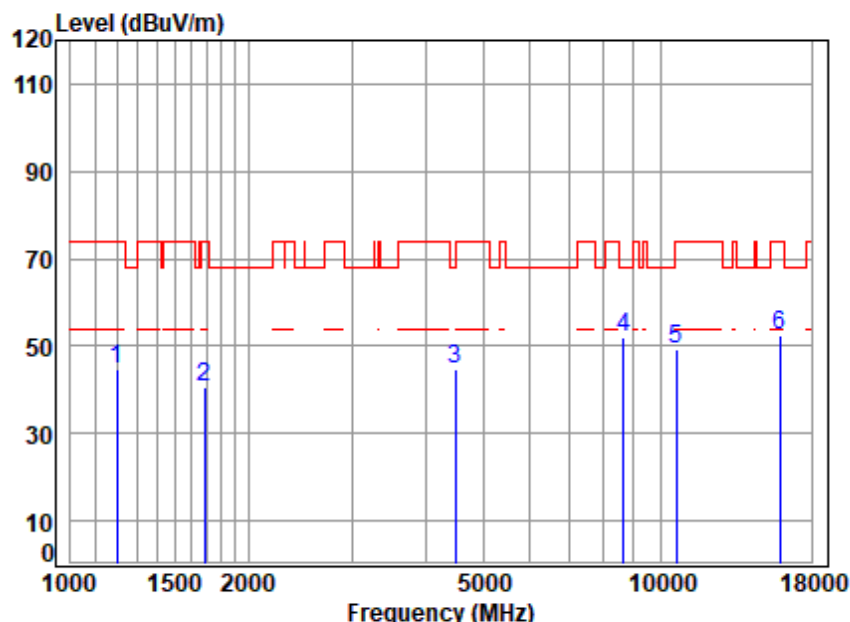
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Mode:m; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5310 TX RSE
Note : 5G WIFI 11N40

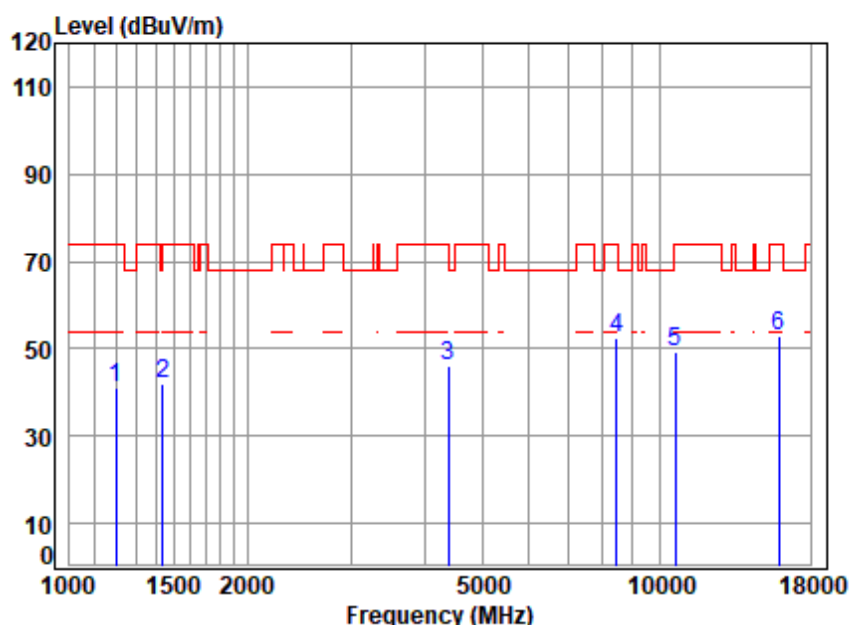
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.57	44.64	74.00	-29.36	peak
2	1687.347	3.42	26.62	40.62	51.26	40.68	74.00	-33.32	peak
3	4495.125	6.76	33.59	42.55	46.79	44.59	68.20	-23.61	peak
4	8663.404	10.17	37.07	40.06	44.70	51.88	68.20	-16.32	peak
5	10620.000	10.64	37.72	38.30	39.41	49.47	74.00	-24.53	peak
6	15930.000	14.13	40.96	40.57	38.01	52.53	74.00	-21.47	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5310 TX RSE
Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.05	41.10	74.00	-32.90	peak
2	1439.343	3.17	25.58	40.46	53.60	41.89	74.00	-32.11	peak
3	4392.376	6.66	33.42	42.47	48.36	45.97	74.00	-28.03	peak
4	8465.379	10.05	36.98	40.39	45.68	52.32	74.00	-21.68	peak
5	10620.000	10.64	37.72	38.30	39.38	49.44	74.00	-24.56	peak
6	15930.000	14.13	40.96	40.57	38.54	53.06	74.00	-20.94	peak



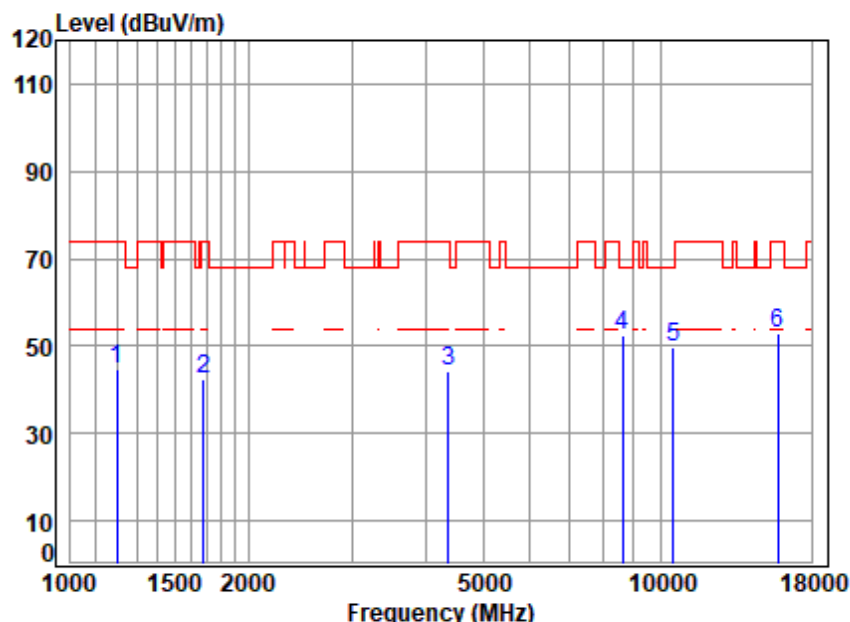
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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5260 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.51	44.58	74.00	-29.42	peak
2	1682.477	3.42	26.60	40.62	52.88	42.28	74.00	-31.72	peak
3	4367.058	6.64	33.37	42.45	46.48	44.04	74.00	-29.96	peak
4	8613.468	10.15	37.05	40.14	45.41	52.47	68.20	-15.73	peak
5	10520.000	10.55	37.70	38.25	39.87	49.87	68.20	-18.33	peak
6	15780.000	14.07	40.87	40.57	38.43	52.80	74.00	-21.20	peak



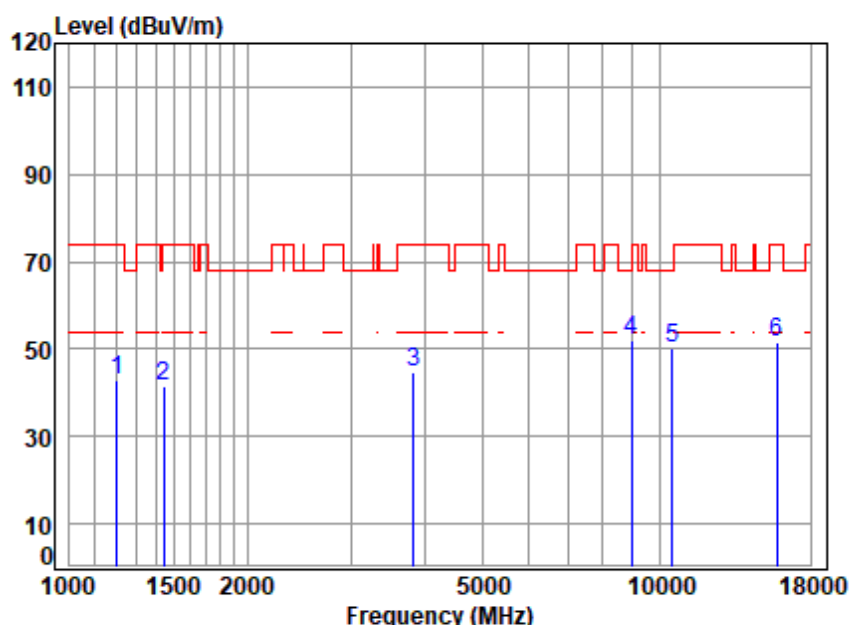
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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5260 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	55.71	42.79	74.00	-31.21	peak
2	1443.509	3.17	25.59	40.47	53.20	41.49	74.00	-32.51	peak
3	3834.438	6.04	32.38	42.02	48.16	44.56	74.00	-29.44	peak
4	8943.274	10.28	37.18	39.60	44.11	51.97	68.20	-16.23	peak
5	10520.000	10.55	37.70	38.25	40.17	50.17	68.20	-18.03	peak
6	15780.000	14.07	40.87	40.57	37.25	51.62	74.00	-22.38	peak

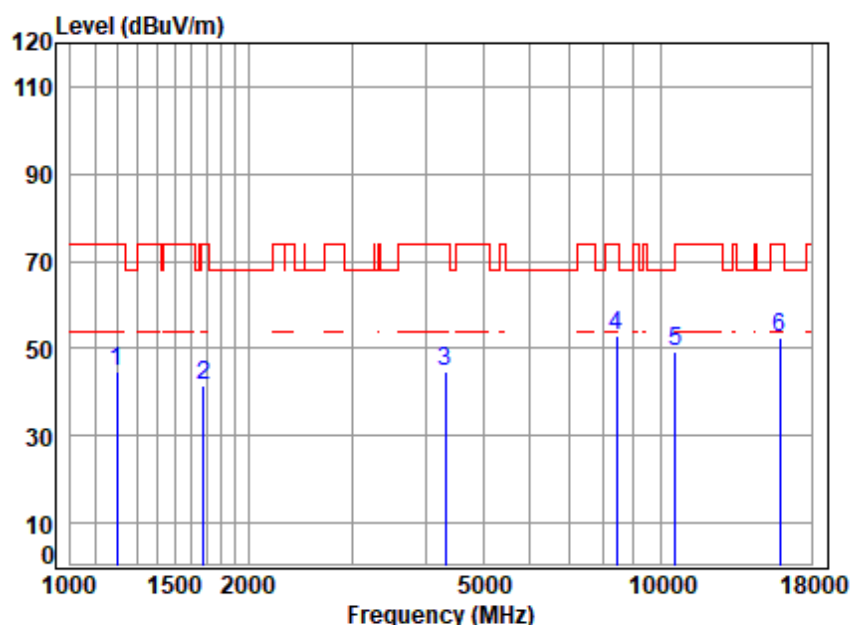


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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5300 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.74	44.81	74.00	-29.19	peak
2	1682.477	3.42	26.60	40.62	52.01	41.41	74.00	-32.59	peak
3	4316.859	6.59	33.28	42.41	47.46	44.92	74.00	-29.08	peak
4	8416.584	9.99	36.95	40.47	46.26	52.73	74.00	-21.27	peak
5	10600.000	10.62	37.72	38.29	39.02	49.07	68.20	-19.13	peak
6	15900.000	14.12	40.94	40.57	37.96	52.45	74.00	-21.55	peak



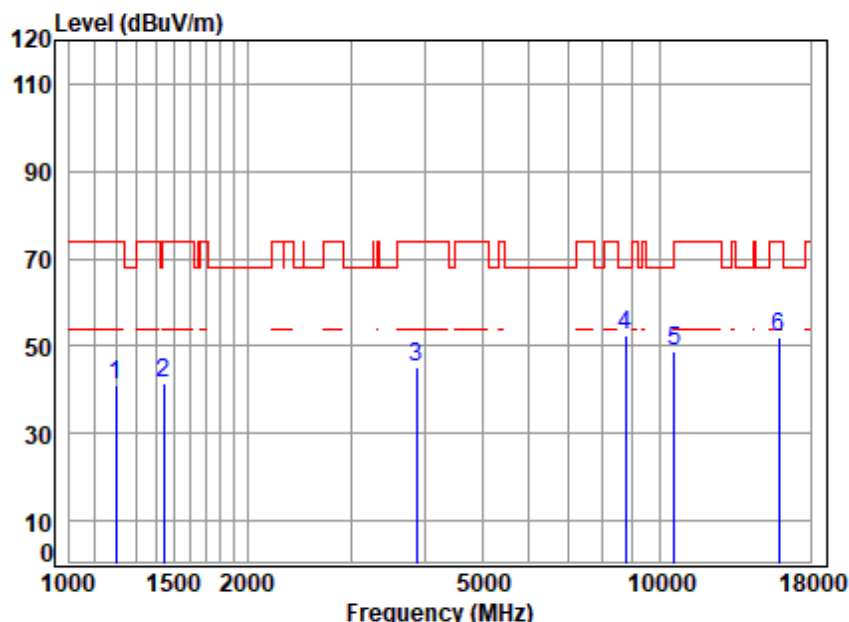
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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5300 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.06	41.13	74.00	-32.87	peak
2	1443.509	3.17	25.59	40.47	53.11	41.40	74.00	-32.60	peak
3	3867.831	6.09	32.45	42.05	48.74	45.23	74.00	-28.77	peak
4	8738.852	10.20	37.10	39.93	45.10	52.47	68.20	-15.73	peak
5	10600.000	10.62	37.72	38.29	38.90	48.95	68.20	-19.25	peak
6	15900.000	14.12	40.94	40.57	37.39	51.88	74.00	-22.12	peak

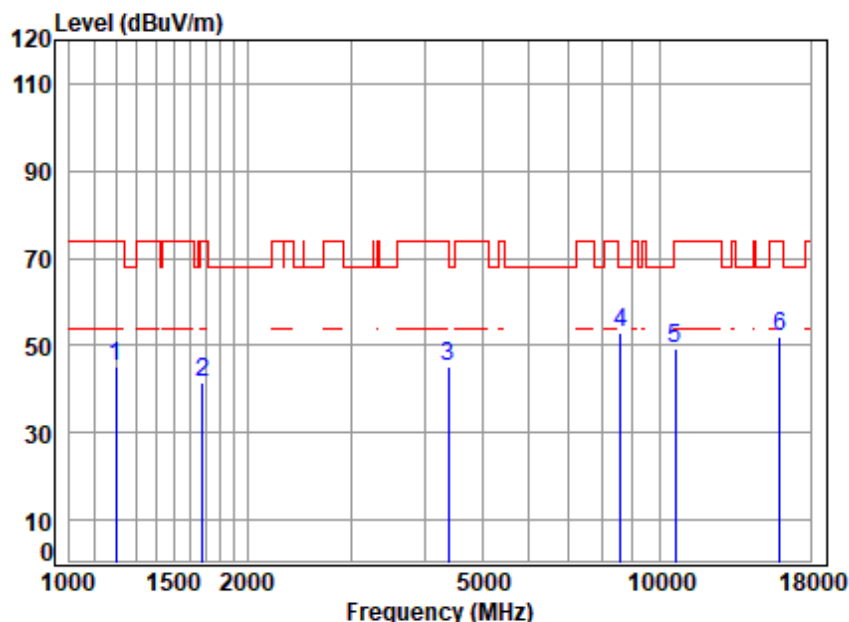


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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5320 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	58.04	45.11	74.00	-28.89	peak
2	1682.477	3.42	26.60	40.62	52.01	41.41	74.00	-32.59	peak
3	4379.699	6.65	33.39	42.46	47.73	45.31	74.00	-28.69	peak
4	8588.607	10.14	37.04	40.18	45.78	52.78	68.20	-15.42	peak
5	10640.000	10.66	37.73	38.31	39.36	49.44	74.00	-24.56	peak
6	15960.000	14.14	40.98	40.57	37.30	51.85	74.00	-22.15	peak

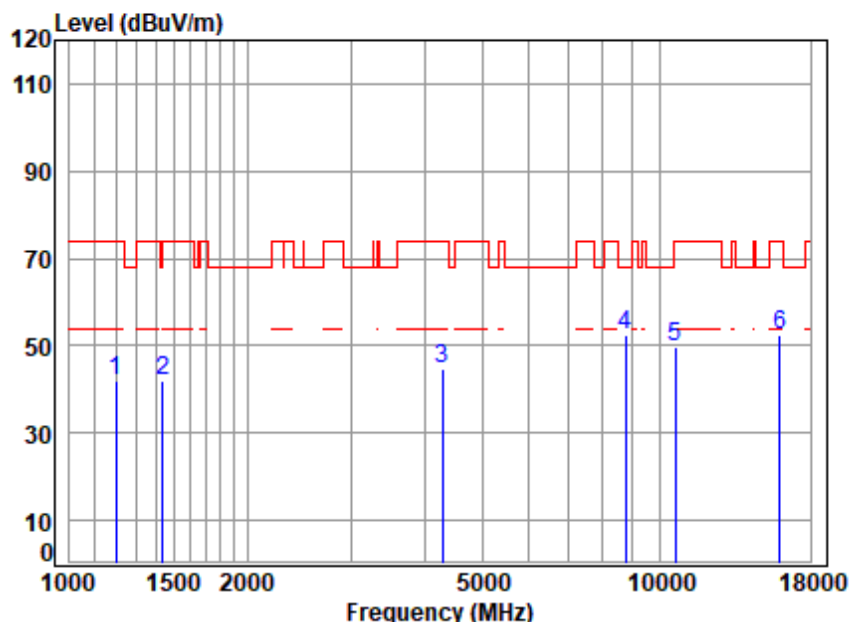


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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5320 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.86	41.91	74.00	-32.09	peak
2	1439.343	3.17	25.58	40.46	53.72	42.01	74.00	-31.99	peak
3	4279.589	6.56	33.22	42.38	47.53	44.93	74.00	-29.07	peak
4	8738.852	10.20	37.10	39.93	44.96	52.33	68.20	-15.87	peak
5	10640.000	10.66	37.73	38.31	39.79	49.87	74.00	-24.13	peak
6	15960.000	14.14	40.98	40.57	37.84	52.39	74.00	-21.61	peak

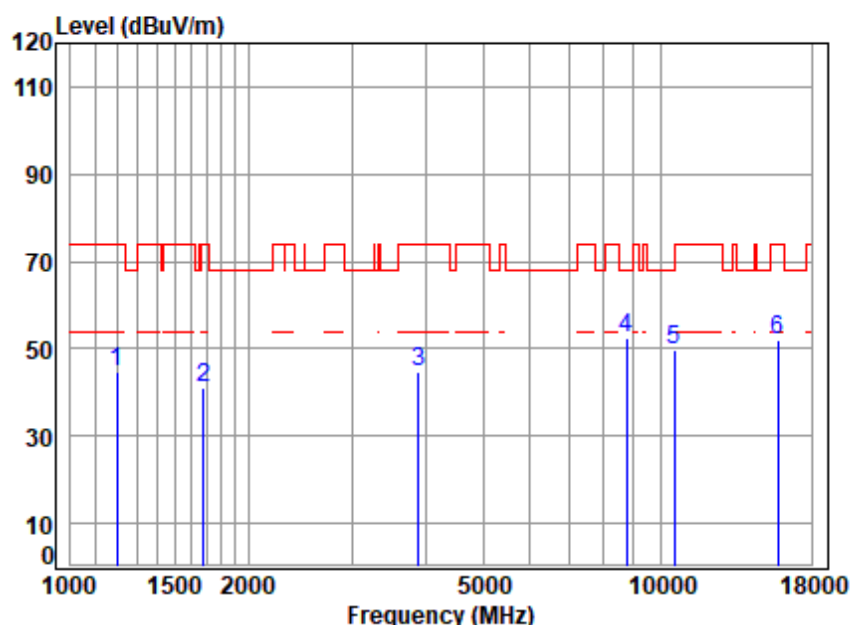


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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5270 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.45	44.52	74.00	-29.48	peak
2	1682.477	3.42	26.60	40.62	51.70	41.10	74.00	-32.90	peak
3	3890.255	6.12	32.49	42.06	48.12	44.67	74.00	-29.33	peak
4	8764.146	10.21	37.11	39.89	44.89	52.32	68.20	-15.88	peak
5	10540.000	10.57	37.71	38.26	39.85	49.87	68.20	-18.33	peak
6	15810.000	14.08	40.89	40.57	37.79	52.19	74.00	-21.81	peak

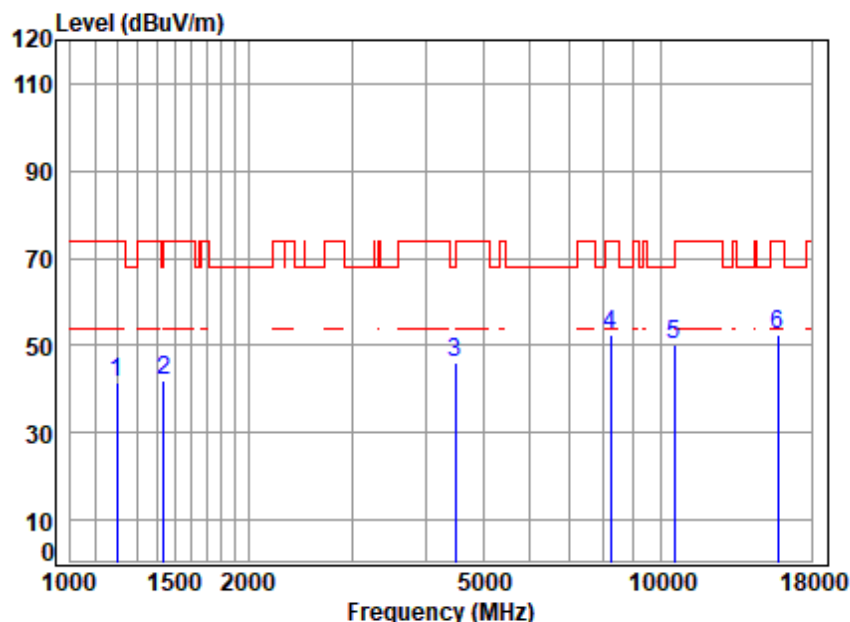


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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5270 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.43	41.50	74.00	-32.50	peak
2	1439.343	3.17	25.58	40.46	53.56	41.85	74.00	-32.15	peak
3	4495.125	6.76	33.59	42.55	48.36	46.16	68.20	-22.04	peak
4	8224.200	9.73	36.84	40.80	46.55	52.32	74.00	-21.68	peak
5	10540.000	10.57	37.71	38.26	40.27	50.29	68.20	-17.91	peak
6	15810.000	14.08	40.89	40.57	38.24	52.64	74.00	-21.36	peak

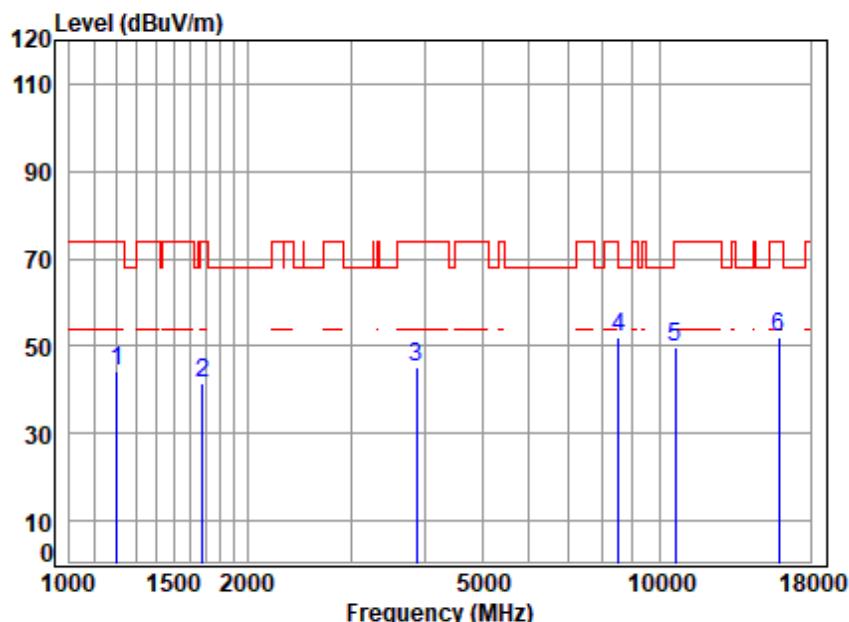


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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5310 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.32	44.40	74.00	-29.60	peak
2	1682.477	3.42	26.60	40.62	52.21	41.61	74.00	-32.39	peak
3	3867.831	6.09	32.45	42.05	48.48	44.97	74.00	-29.03	peak
4	8514.456	10.11	37.01	40.31	45.13	51.94	68.20	-16.26	peak
5	10620.000	10.64	37.72	38.30	39.67	49.73	74.00	-24.27	peak
6	15930.000	14.13	40.96	40.57	37.66	52.18	74.00	-21.82	peak

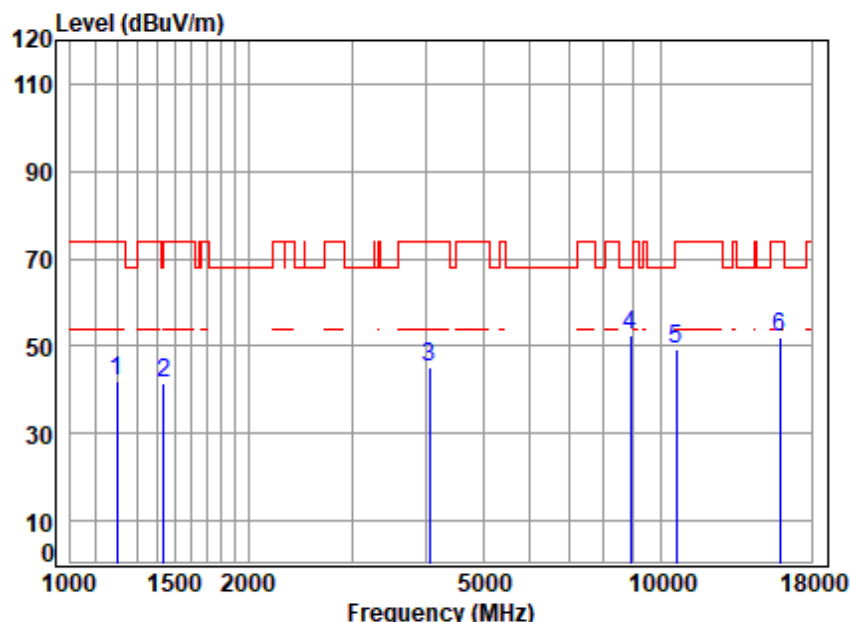


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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5310 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	55.11	42.18	74.00	-31.82	peak
2	1439.343	3.17	25.58	40.46	53.15	41.44	74.00	-32.56	peak
3	4050.904	6.33	32.80	42.20	48.35	45.28	74.00	-28.72	peak
4	8891.725	10.26	37.16	39.68	44.53	52.27	68.20	-15.93	peak
5	10620.000	10.64	37.72	38.30	39.19	49.25	74.00	-24.75	peak
6	15930.000	14.13	40.96	40.57	37.29	51.81	74.00	-22.19	peak

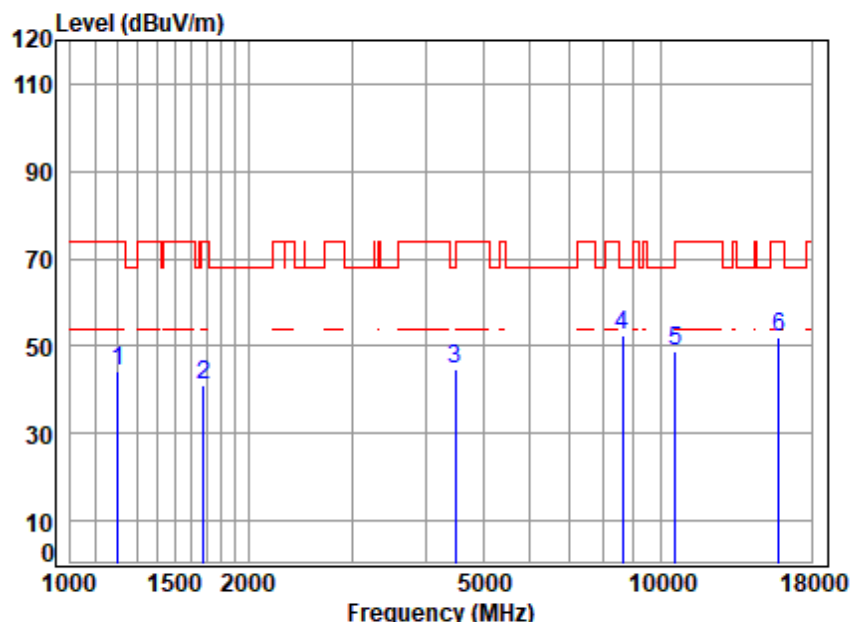


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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5290 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.37	44.45	74.00	-29.55	peak
2	1677.621	3.41	26.58	40.62	51.56	40.93	74.00	-33.07	peak
3	4495.125	6.76	33.59	42.55	46.97	44.77	68.20	-23.43	peak
4	8613.468	10.15	37.05	40.14	45.33	52.39	68.20	-15.81	peak
5	10580.000	10.60	37.72	38.28	38.77	48.81	68.20	-19.39	peak
6	15870.000	14.11	40.92	40.57	37.73	52.19	74.00	-21.81	peak

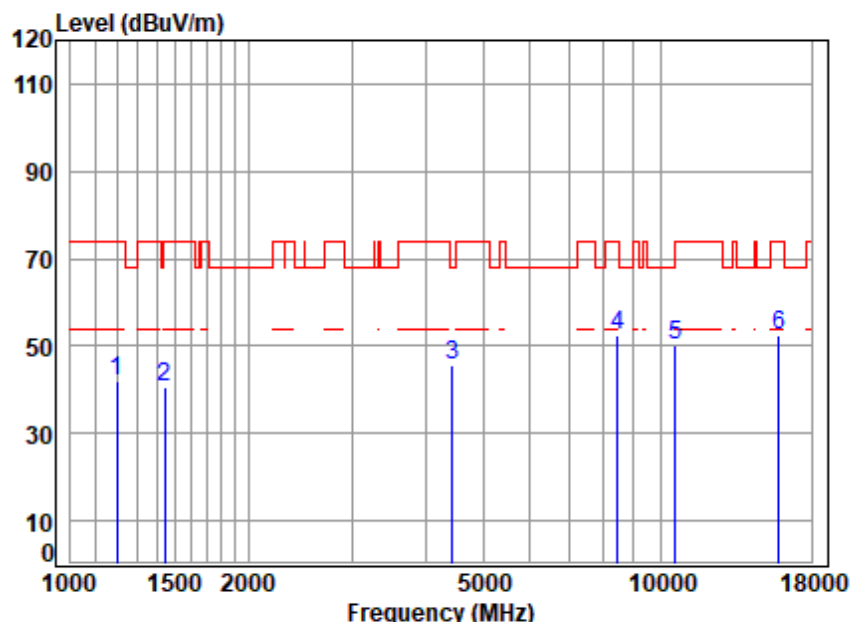


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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5290 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.72	41.79	74.00	-32.21	peak
2	1443.509	3.17	25.59	40.47	52.45	40.74	74.00	-33.26	peak
3	4430.628	6.70	33.48	42.50	48.08	45.76	68.20	-22.44	peak
4	8440.945	10.02	36.97	40.43	45.69	52.25	74.00	-21.75	peak
5	10580.000	10.60	37.72	38.28	40.02	50.06	68.20	-18.14	peak
6	15870.000	14.11	40.92	40.57	38.13	52.59	74.00	-21.41	peak

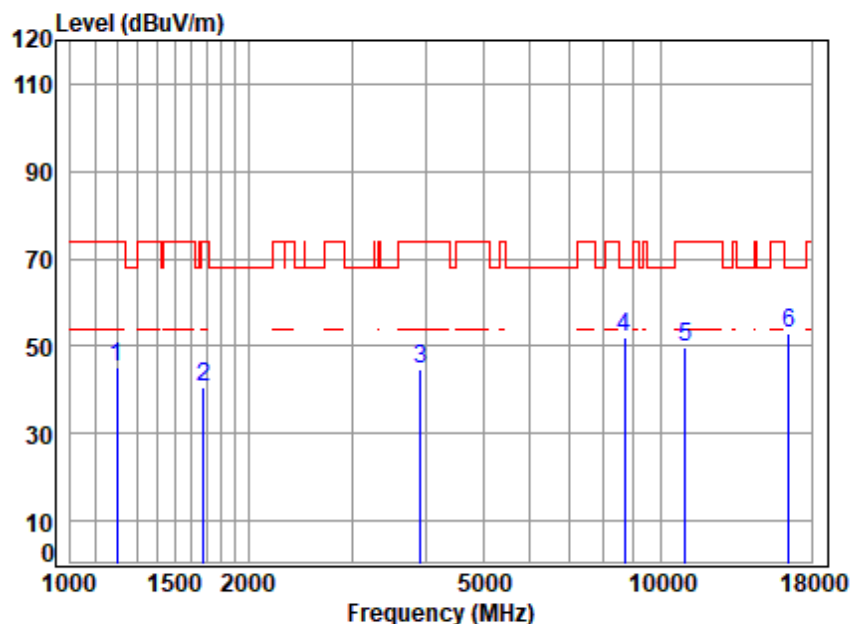


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Mode:n; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5500 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	58.01	45.08	74.00	-28.92	peak
2	1677.621	3.41	26.58	40.62	51.07	40.44	74.00	-33.56	peak
3	3912.809	6.15	32.53	42.08	48.04	44.64	74.00	-29.36	peak
4	8688.480	10.18	37.08	40.02	44.88	52.12	68.20	-16.08	peak
5	11000.000	10.97	37.80	38.47	39.54	49.84	74.00	-24.16	peak
6	16500.000	14.82	42.20	40.55	36.30	52.77	68.20	-15.43	peak

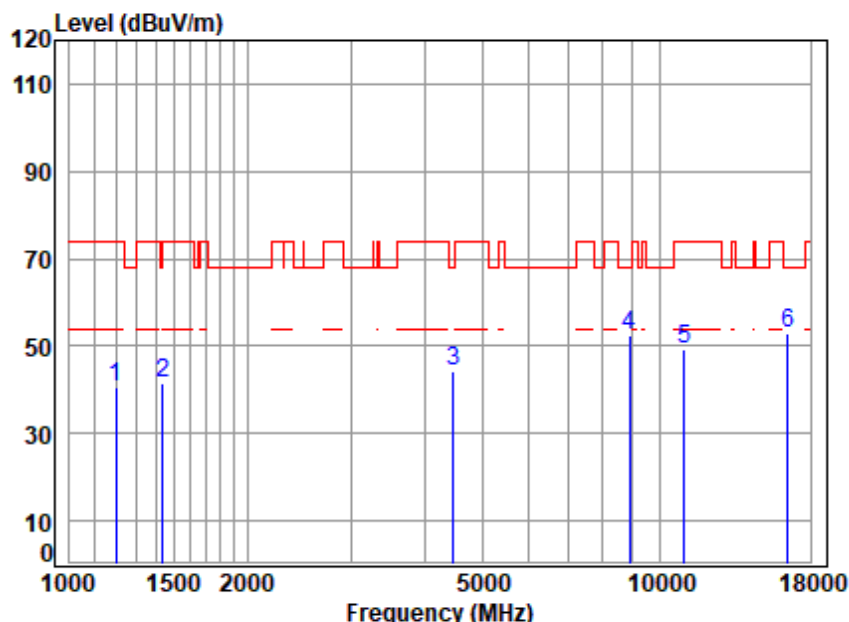


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Mode:n; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5500 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	53.73	40.78	74.00	-33.22	peak
2	1439.343	3.17	25.58	40.46	53.09	41.38	74.00	-32.62	peak
3	4469.214	6.73	33.55	42.53	46.71	44.46	68.20	-23.74	peak
4	8891.725	10.26	37.16	39.68	44.73	52.47	68.20	-15.73	peak
5	11000.000	10.97	37.80	38.47	39.09	49.39	74.00	-24.61	peak
6	16500.000	14.82	42.20	40.55	36.45	52.92	68.20	-15.28	peak

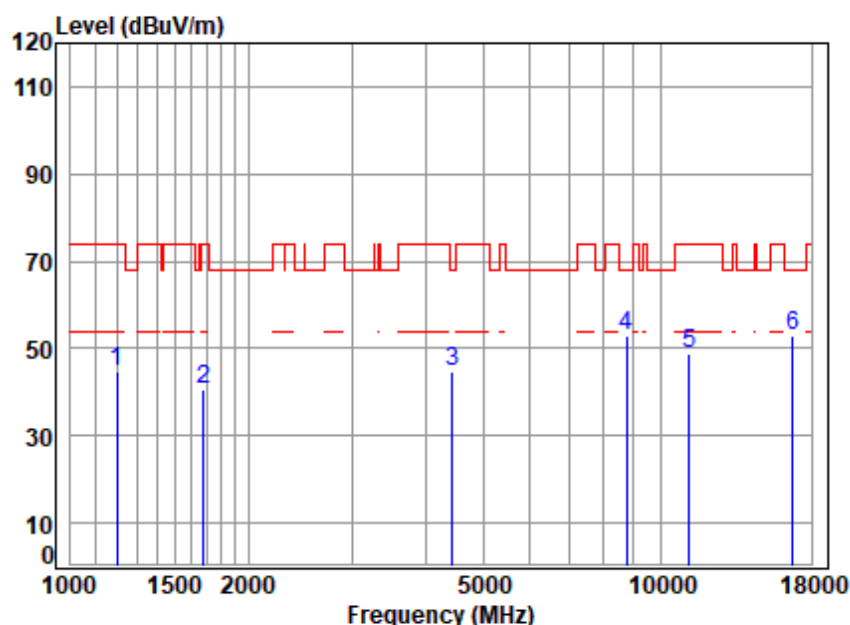


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Mode:n; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5580 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.54	44.61	74.00	-29.39	peak
2	1677.621	3.41	26.58	40.62	51.36	40.73	74.00	-33.27	peak
3	4443.453	6.71	33.50	42.51	46.89	44.59	68.20	-23.61	peak
4	8764.146	10.21	37.11	39.89	45.33	52.76	68.20	-15.44	peak
5	11160.000	11.18	37.83	38.54	38.38	48.85	74.00	-25.15	peak
6	16740.000	14.51	42.39	40.54	36.35	52.71	68.20	-15.49	peak

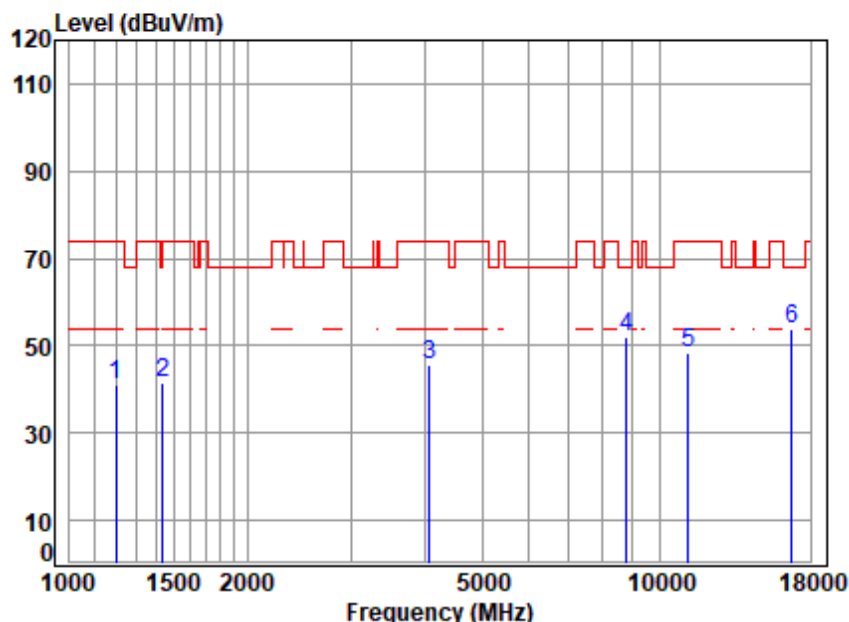


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Mode:n; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5580 TX RSE
Note : 5G WIFI 11A

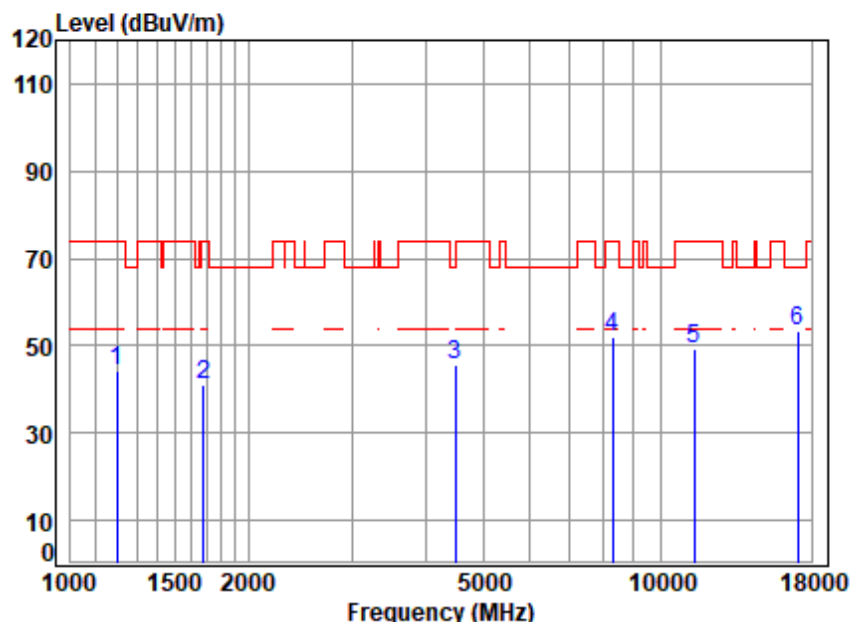
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.22	41.27	74.00	-32.73	peak
2	1439.343	3.17	25.58	40.46	53.03	41.32	74.00	-32.68	peak
3	4074.388	6.36	32.84	42.22	48.65	45.63	74.00	-28.37	peak
4	8789.516	10.22	37.12	39.85	44.74	52.23	68.20	-15.97	peak
5	11160.000	11.18	37.83	38.54	38.01	48.48	74.00	-25.52	peak
6	16740.000	14.51	42.39	40.54	37.28	53.64	68.20	-14.56	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5700 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	57.29	44.34	74.00	-29.66	peak
2	1682.477	3.42	26.60	40.62	51.60	41.00	74.00	-33.00	peak
3	4495.125	6.76	33.59	42.55	47.92	45.72	68.20	-22.48	peak
4	8295.823	9.83	36.88	40.68	45.84	51.87	74.00	-22.13	peak
5	11400.000	11.50	37.88	38.65	38.73	49.46	74.00	-24.54	peak
6	17100.000	14.14	42.66	40.53	36.93	53.20	68.20	-15.00	peak

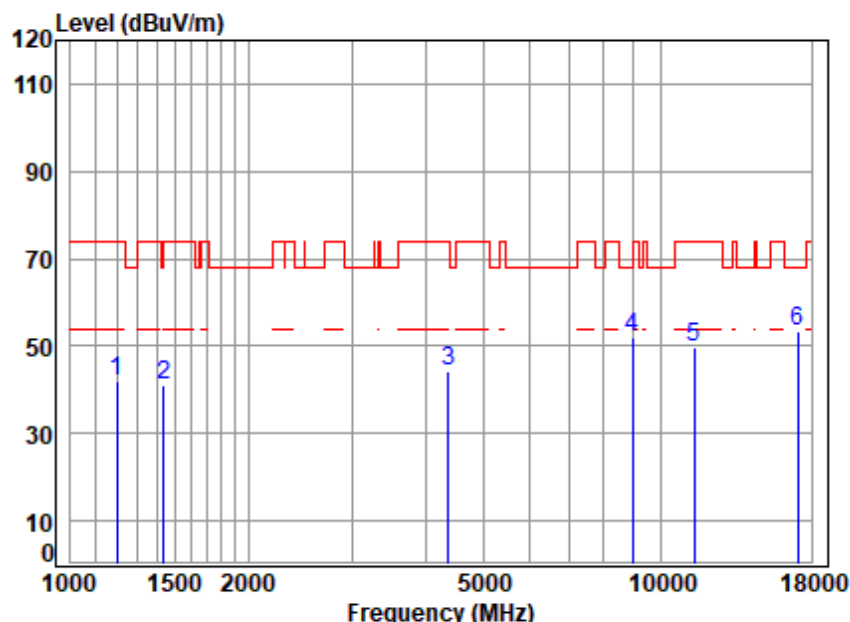


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Mode:n; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5700 TX RSE
Note : 5G WIFI 11A

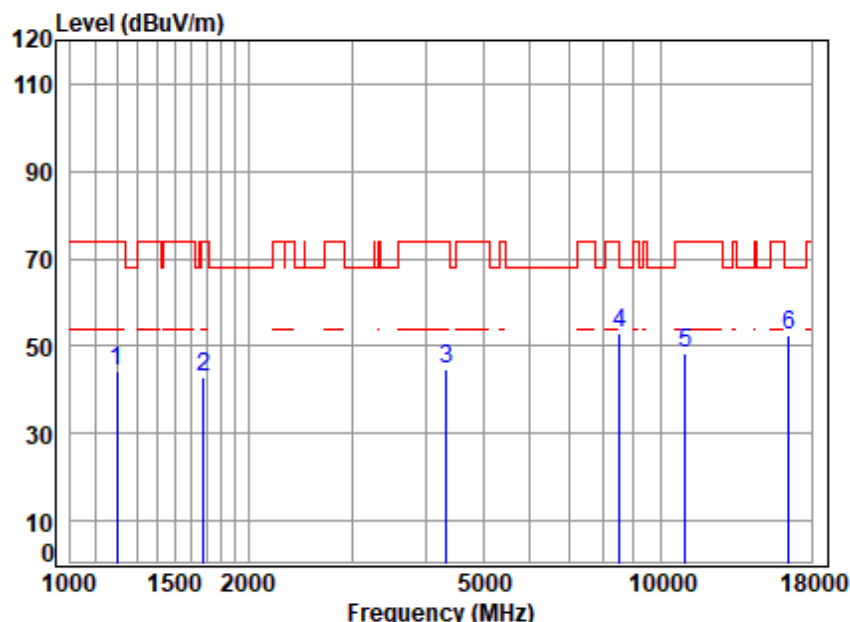
	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.99	42.04	74.00	-31.96	peak
2	1439.343	3.17	25.58	40.46	52.89	41.18	74.00	-32.82	peak
3	4367.058	6.64	33.37	42.45	46.69	44.25	74.00	-29.75	peak
4	8943.274	10.28	37.18	39.60	44.21	52.07	68.20	-16.13	peak
5	11400.000	11.50	37.88	38.65	39.18	49.91	74.00	-24.09	peak
6	17100.000	14.14	42.66	40.53	36.93	53.20	68.20	-15.00	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5500 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.04	44.11	74.00	-29.89	peak
2	1682.477	3.42	26.60	40.62	53.56	42.96	74.00	-31.04	peak
3	4341.886	6.61	33.33	42.43	47.43	44.94	74.00	-29.06	peak
4	8514.456	10.11	37.01	40.31	46.33	53.14	68.20	-15.06	peak
5	11000.000	10.97	37.80	38.47	38.22	48.52	74.00	-25.48	peak
6	16500.000	14.82	42.20	40.55	36.20	52.67	68.20	-15.53	peak

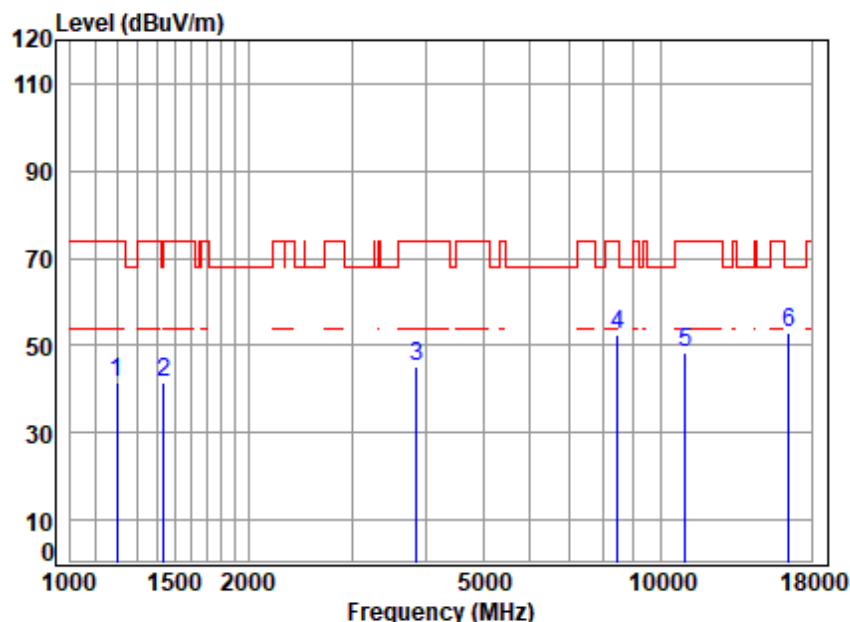


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Mode:n; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5500 TX RSE
Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.49	41.56	74.00	-32.44	peak
2	1439.343	3.17	25.58	40.46	53.30	41.59	74.00	-32.41	peak
3	3856.668	6.07	32.43	42.04	48.64	45.10	74.00	-28.90	peak
4	8440.945	10.02	36.97	40.43	45.79	52.35	74.00	-21.65	peak
5	11000.000	10.97	37.80	38.47	38.23	48.53	74.00	-25.47	peak
6	16500.000	14.82	42.20	40.55	36.49	52.96	68.20	-15.24	peak



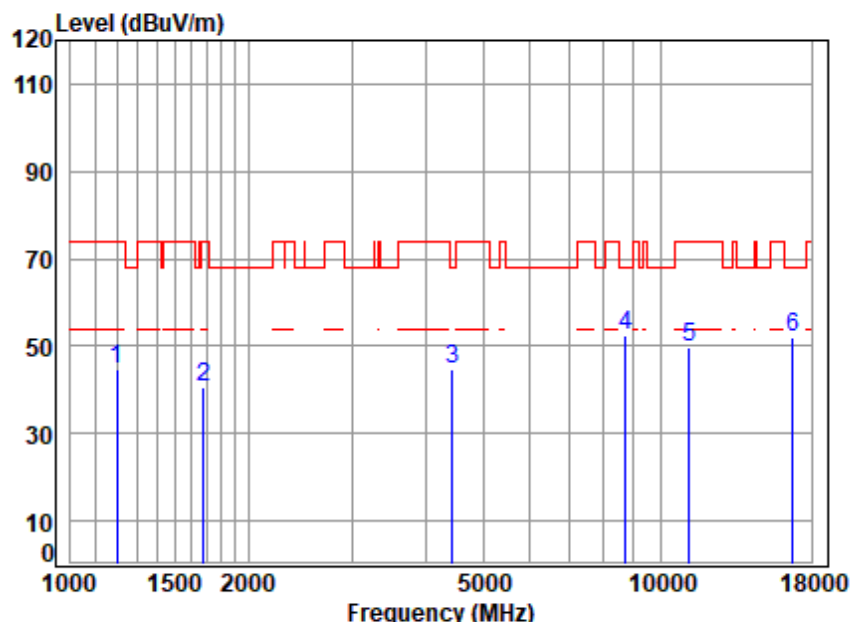
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Mode:n; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5580 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.53	44.60	74.00	-29.40	peak
2	1682.477	3.42	26.60	40.62	51.16	40.56	74.00	-33.44	peak
3	4430.628	6.70	33.48	42.50	46.93	44.61	68.20	-23.59	peak
4	8713.630	10.19	37.09	39.97	45.01	52.32	68.20	-15.88	peak
5	11160.000	11.18	37.83	38.54	39.48	49.95	74.00	-24.05	peak
6	16740.000	14.51	42.39	40.54	35.83	52.19	68.20	-16.01	peak

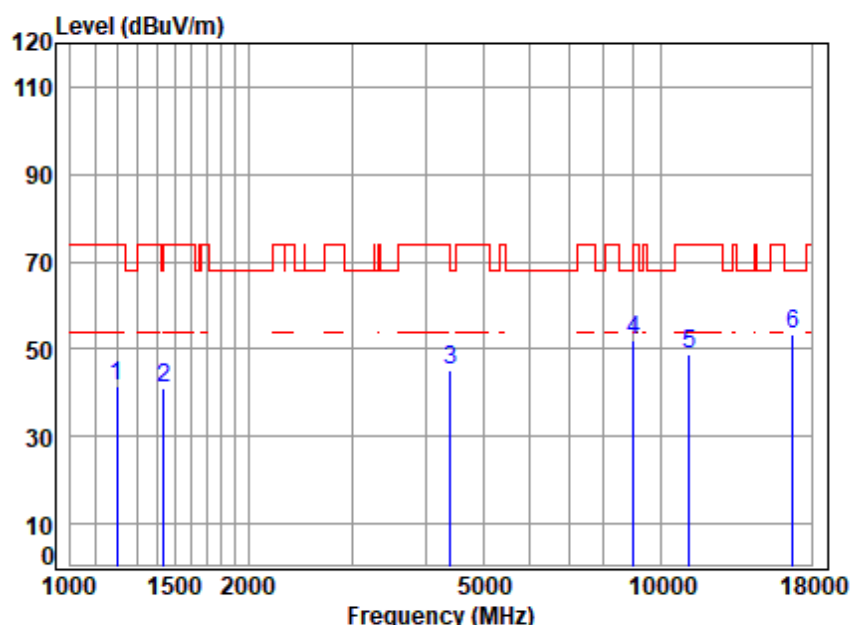


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Mode:n; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5580 TX RSE
Note : 5G WIFI 11N20

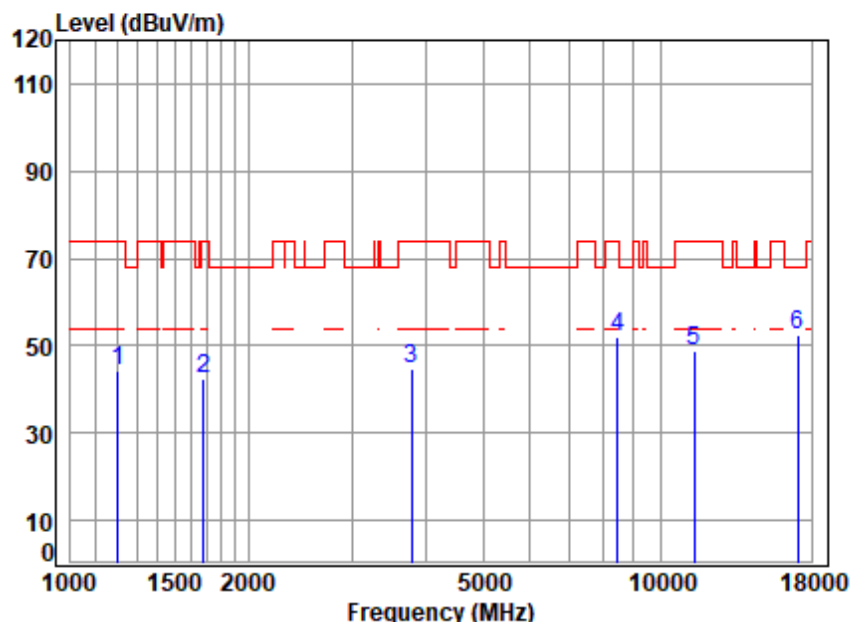
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.40	41.47	74.00	-32.53	peak
2	1439.343	3.17	25.58	40.46	52.93	41.22	74.00	-32.78	peak
3	4405.090	6.67	33.44	42.48	47.44	45.07	68.20	-23.13	peak
4	8995.123	10.30	37.20	39.52	44.25	52.23	68.20	-15.97	peak
5	11160.000	11.18	37.83	38.54	38.17	48.64	74.00	-25.36	peak
6	16740.000	14.51	42.39	40.54	36.80	53.16	68.20	-15.04	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5700 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.35	44.43	74.00	-29.57	peak
2	1682.477	3.42	26.60	40.62	52.85	42.25	74.00	-31.75	peak
3	3790.361	5.97	32.30	41.98	48.25	44.54	74.00	-29.46	peak
4	8465.379	10.05	36.98	40.39	45.45	52.09	74.00	-21.91	peak
5	11400.000	11.50	37.88	38.65	38.03	48.76	74.00	-25.24	peak
6	17100.000	14.14	42.66	40.53	35.99	52.26	68.20	-15.94	peak

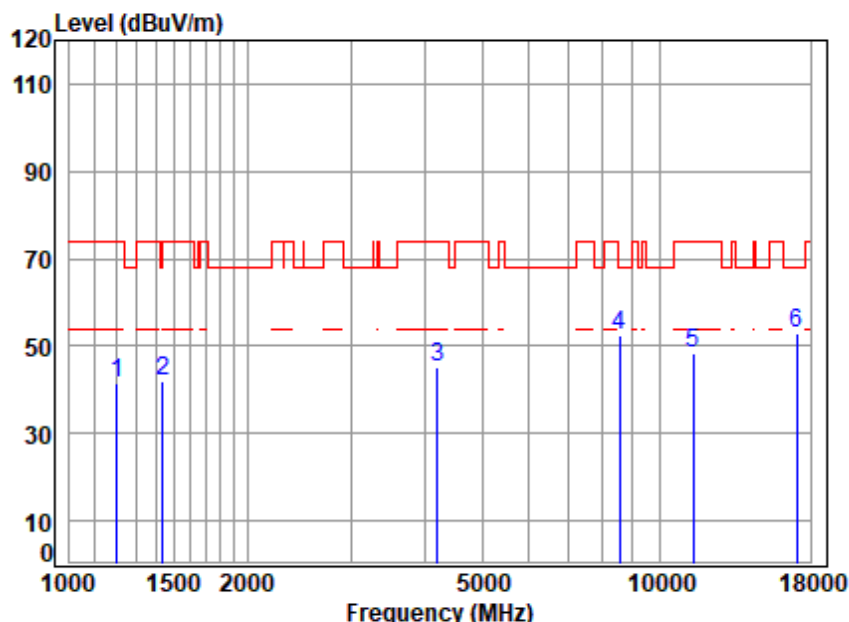


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Mode:n; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5700 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	54.47	41.55	74.00	-32.45	peak
2	1439.343	3.17	25.58	40.46	53.46	41.75	74.00	-32.25	peak
3	4193.872	6.47	33.06	42.31	47.73	44.95	74.00	-29.05	peak
4	8563.818	10.13	37.03	40.22	45.45	52.39	68.20	-15.81	peak
5	11400.000	11.50	37.88	38.65	37.55	48.28	74.00	-25.72	peak
6	17100.000	14.14	42.66	40.53	36.49	52.76	68.20	-15.44	peak

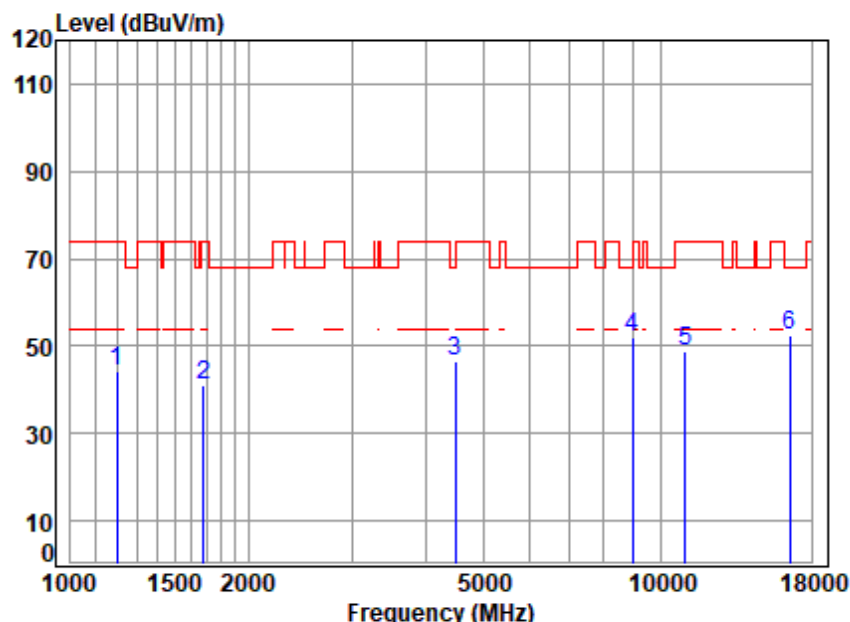


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Mode:n; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5510 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.20	44.27	74.00	-29.73	peak
2	1682.477	3.42	26.60	40.62	51.73	41.13	74.00	-32.87	peak
3	4495.125	6.76	33.59	42.55	48.61	46.41	68.20	-21.79	peak
4	8969.161	10.29	37.19	39.56	43.89	51.81	68.20	-16.39	peak
5	11020.000	11.00	37.80	38.48	38.67	48.99	74.00	-25.01	peak
6	16530.000	14.78	42.22	40.55	35.91	52.36	68.20	-15.84	peak



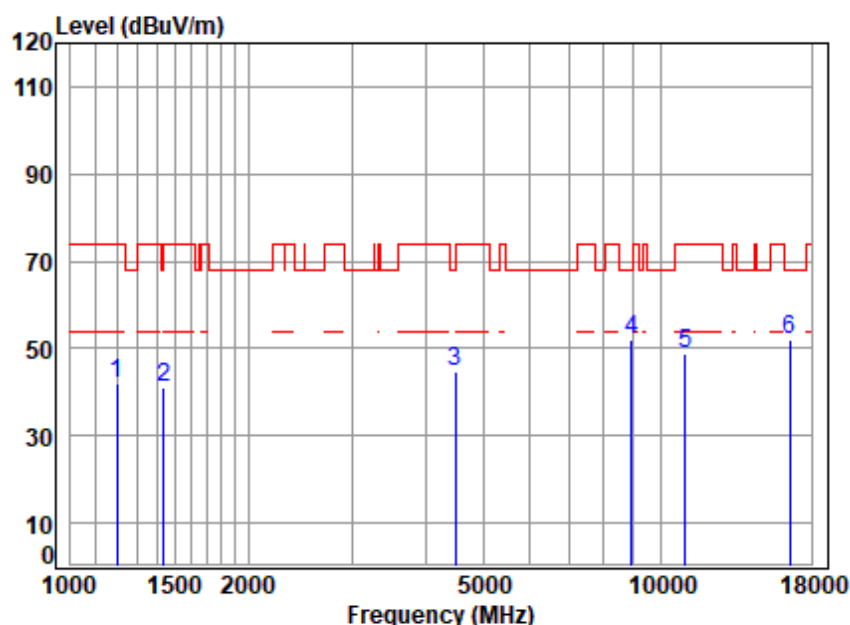
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Mode:n; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5510 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.93	41.98	74.00	-32.02	peak
2	1439.343	3.17	25.58	40.46	52.66	40.95	74.00	-33.05	peak
3	4495.125	6.76	33.59	42.55	46.99	44.79	68.20	-23.41	peak
4	8917.462	10.27	37.17	39.64	44.12	51.92	68.20	-16.28	peak
5	11020.000	11.00	37.80	38.48	38.27	48.59	74.00	-25.41	peak
6	16530.000	14.78	42.22	40.55	35.74	52.19	68.20	-16.01	peak

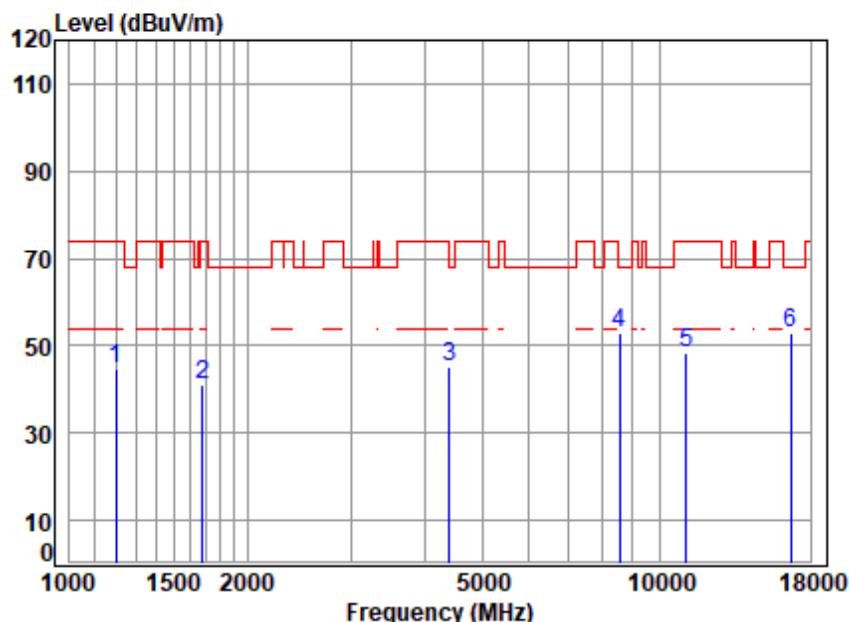


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Mode:n; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5550 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.53	44.60	74.00	-29.40	peak
2	1677.621	3.41	26.58	40.62	51.71	41.08	74.00	-32.92	peak
3	4405.090	6.67	33.44	42.48	47.73	45.36	68.20	-22.84	peak
4	8563.818	10.13	37.03	40.22	45.93	52.87	68.20	-15.33	peak
5	11100.000	11.10	37.82	38.52	38.00	48.40	74.00	-25.60	peak
6	16650.000	14.62	42.32	40.54	36.58	52.98	68.20	-15.22	peak

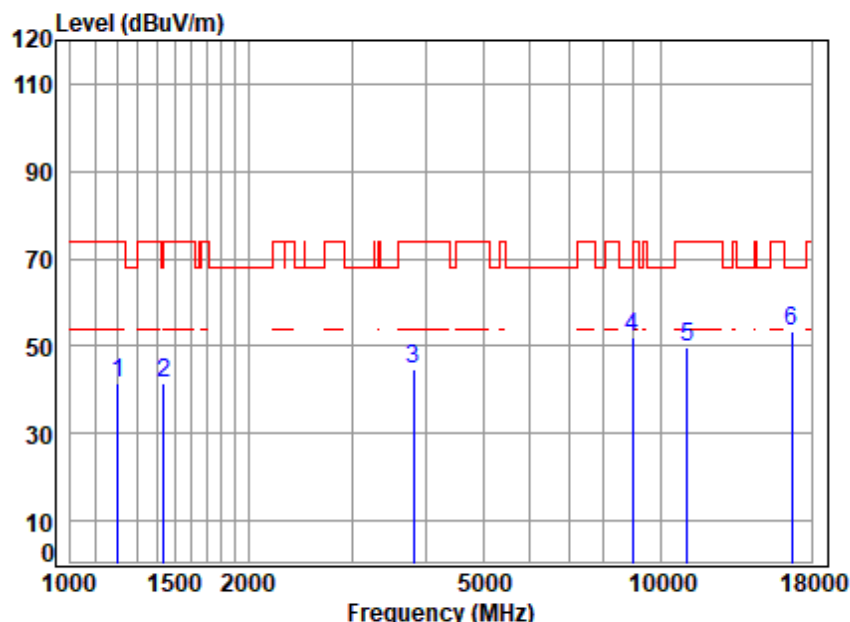


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Mode:n; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5550 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	54.45	41.53	74.00	-32.47	peak
2	1439.343	3.17	25.58	40.46	53.45	41.74	74.00	-32.26	peak
3	3812.336	6.01	32.34	42.00	48.23	44.58	74.00	-29.42	peak
4	8943.274	10.28	37.18	39.60	44.29	52.15	68.20	-16.05	peak
5	11100.000	11.10	37.82	38.52	39.53	49.93	74.00	-24.07	peak
6	16650.000	14.62	42.32	40.54	36.90	53.30	68.20	-14.90	peak



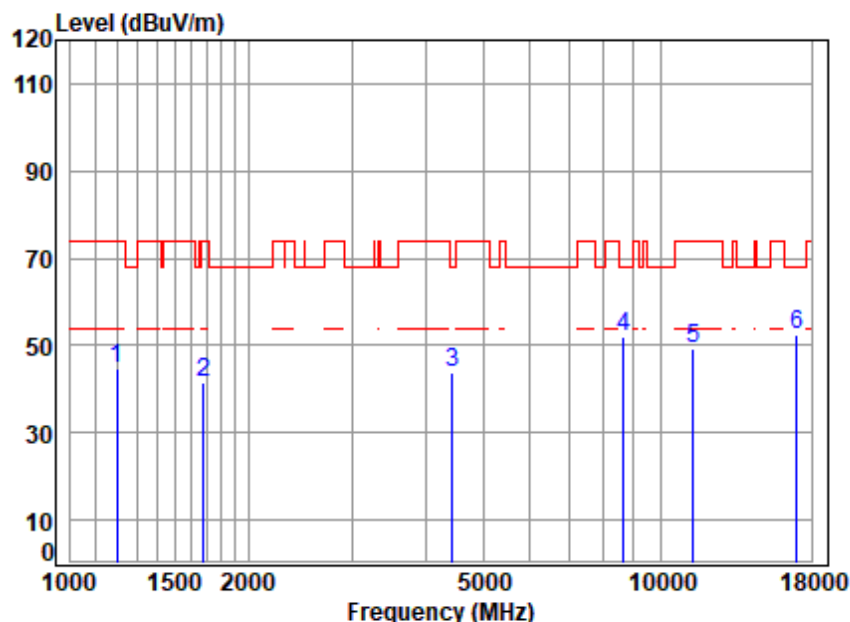
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Mode:n; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5670 TX RSE
Note : 5G WIFI 11N40

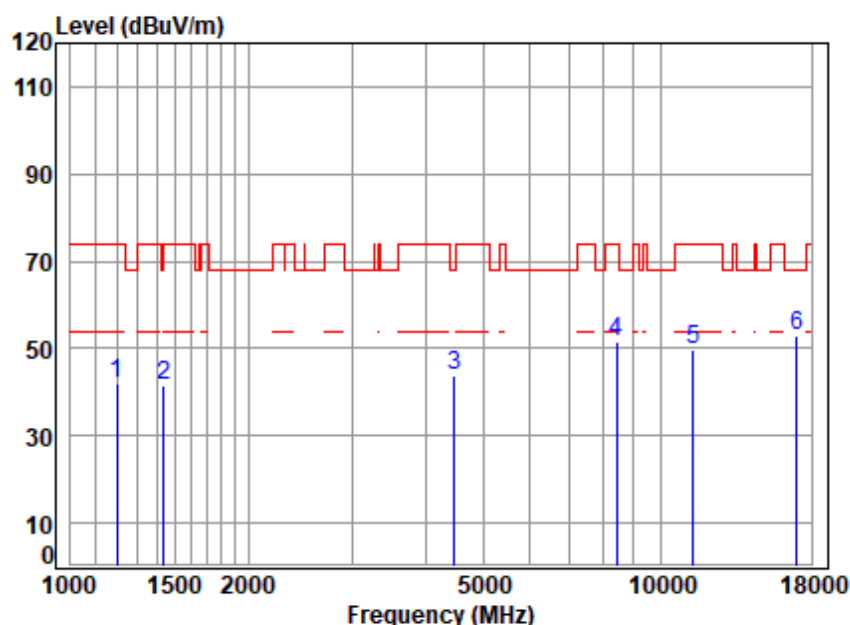
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.61	44.68	74.00	-29.32	peak
2	1682.477	3.42	26.60	40.62	51.95	41.35	74.00	-32.65	peak
3	4430.628	6.70	33.48	42.50	46.31	43.99	68.20	-24.21	peak
4	8638.399	10.16	37.06	40.10	44.78	51.90	68.20	-16.30	peak
5	11340.000	11.42	37.87	38.62	38.79	49.46	74.00	-24.54	peak
6	17010.000	14.17	42.61	40.53	36.32	52.57	68.20	-15.63	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5670 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.85	41.90	74.00	-32.10	peak
2	1439.343	3.17	25.58	40.46	53.10	41.39	74.00	-32.61	peak
3	4469.214	6.73	33.55	42.53	46.18	43.93	68.20	-24.27	peak
4	8416.584	9.99	36.95	40.47	45.27	51.74	74.00	-22.26	peak
5	11340.000	11.42	37.87	38.62	38.96	49.63	74.00	-24.37	peak
6	17010.000	14.17	42.61	40.53	36.72	52.97	68.20	-15.23	peak



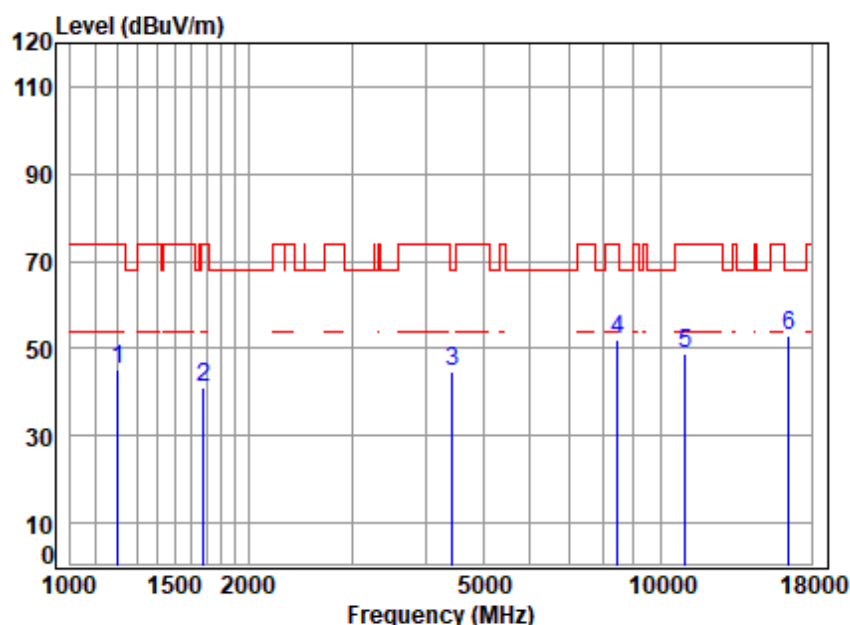
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Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5500 TX RSE
Note : 5G WIFI 11AC20

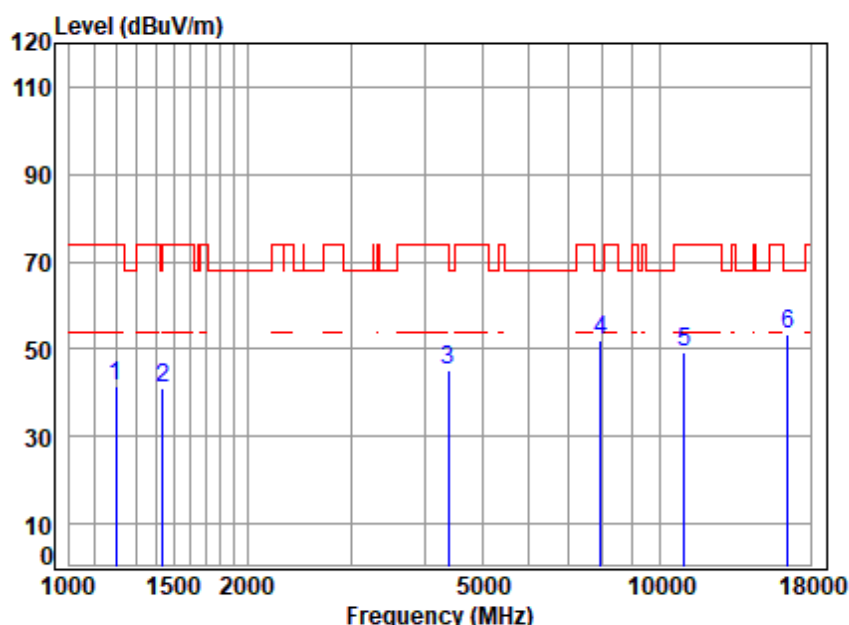
	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.91	44.99	74.00	-29.01	peak
2	1682.477	3.42	26.60	40.62	51.69	41.09	74.00	-32.91	peak
3	4443.453	6.71	33.50	42.51	47.19	44.89	68.20	-23.31	peak
4	8440.945	10.02	36.97	40.43	45.56	52.12	74.00	-21.88	peak
5	11000.000	10.97	37.80	38.47	38.68	48.98	74.00	-25.02	peak
6	16500.000	14.82	42.20	40.55	36.27	52.74	68.20	-15.46	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5500 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.37	41.44	74.00	-32.56	peak
2	1439.343	3.17	25.58	40.46	52.66	40.95	74.00	-33.05	peak
3	4392.376	6.66	33.42	42.47	47.37	44.98	74.00	-29.02	peak
4	7943.838	9.38	36.66	41.23	47.30	52.11	68.20	-16.09	peak
5	11000.000	10.97	37.80	38.47	39.12	49.42	74.00	-24.58	peak
6	16500.000	14.82	42.20	40.55	36.95	53.42	68.20	-14.78	peak

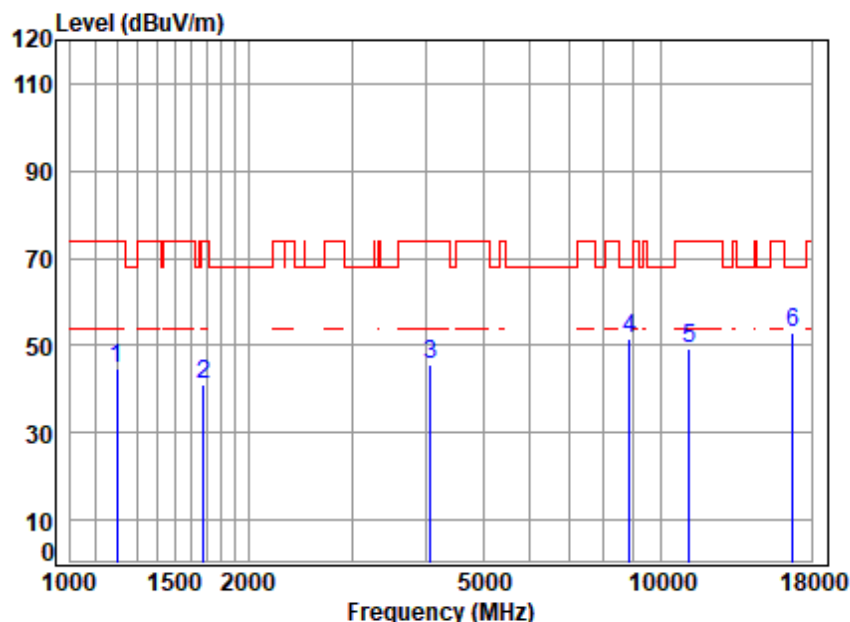


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Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5580 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.63	44.70	74.00	-29.30	peak
2	1682.477	3.42	26.60	40.62	51.47	40.87	74.00	-33.13	peak
3	4074.388	6.36	32.84	42.22	48.45	45.43	74.00	-28.57	peak
4	8840.473	10.24	37.14	39.77	44.04	51.65	68.20	-16.55	peak
5	11160.000	11.18	37.83	38.54	38.59	49.06	74.00	-24.94	peak
6	16740.000	14.51	42.39	40.54	36.70	53.06	68.20	-15.14	peak

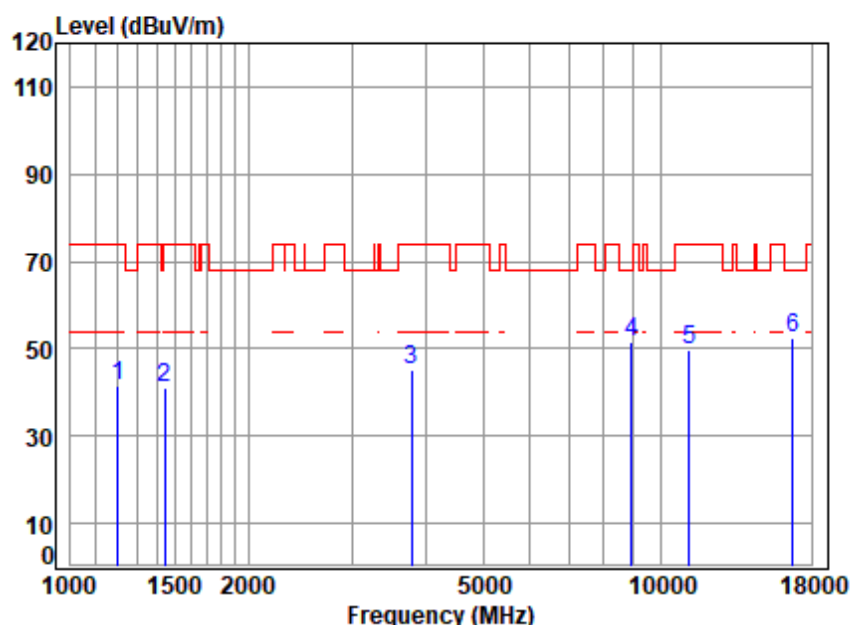


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Mode:n; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5580 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	54.65	41.73	74.00	-32.27	peak
2	1443.509	3.17	25.59	40.47	52.73	41.02	74.00	-32.98	peak
3	3790.361	5.97	32.30	41.98	48.66	44.95	74.00	-29.05	peak
4	8917.462	10.27	37.17	39.64	43.85	51.65	68.20	-16.55	peak
5	11160.000	11.18	37.83	38.54	39.13	49.60	74.00	-24.40	peak
6	16740.000	14.51	42.39	40.54	36.20	52.56	68.20	-15.64	peak



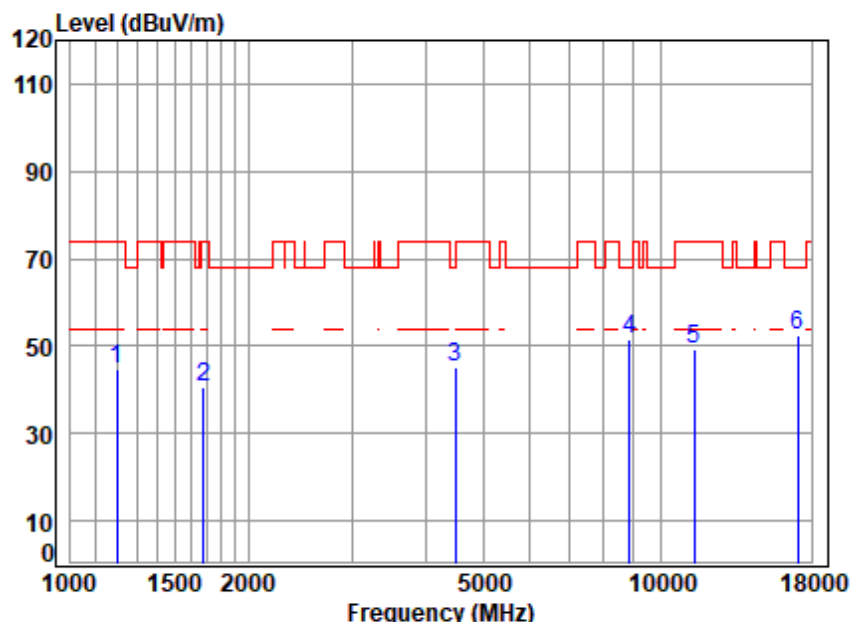
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Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5700 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.44	44.51	74.00	-29.49	peak
2	1682.477	3.42	26.60	40.62	51.16	40.56	74.00	-33.44	peak
3	4482.150	6.74	33.57	42.54	47.60	45.37	68.20	-22.83	peak
4	8840.473	10.24	37.14	39.77	44.13	51.74	68.20	-16.46	peak
5	11400.000	11.50	37.88	38.65	38.52	49.25	74.00	-24.75	peak
6	17100.000	14.14	42.66	40.53	36.38	52.65	68.20	-15.55	peak

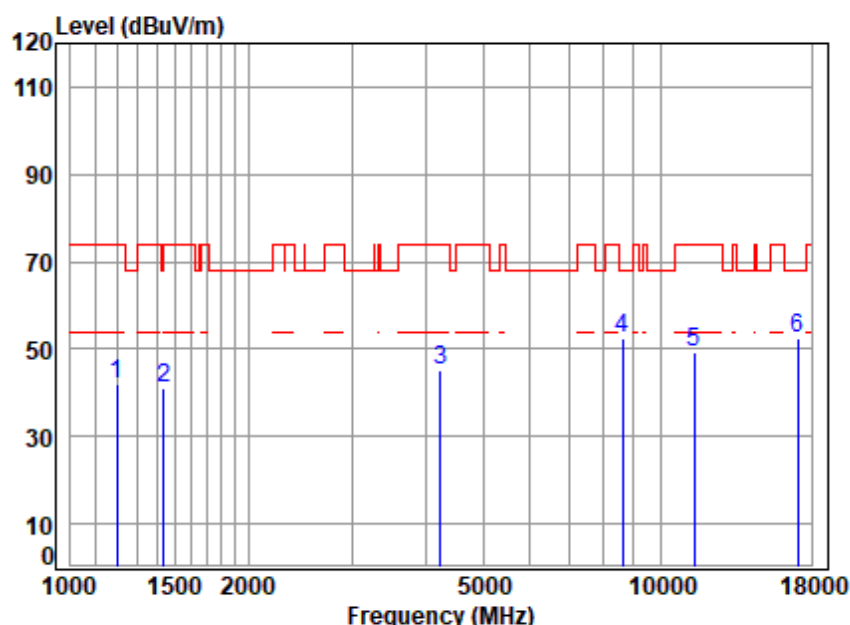


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Mode:n; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5700 TX RSE
Note : 5G WIFI 11AC20

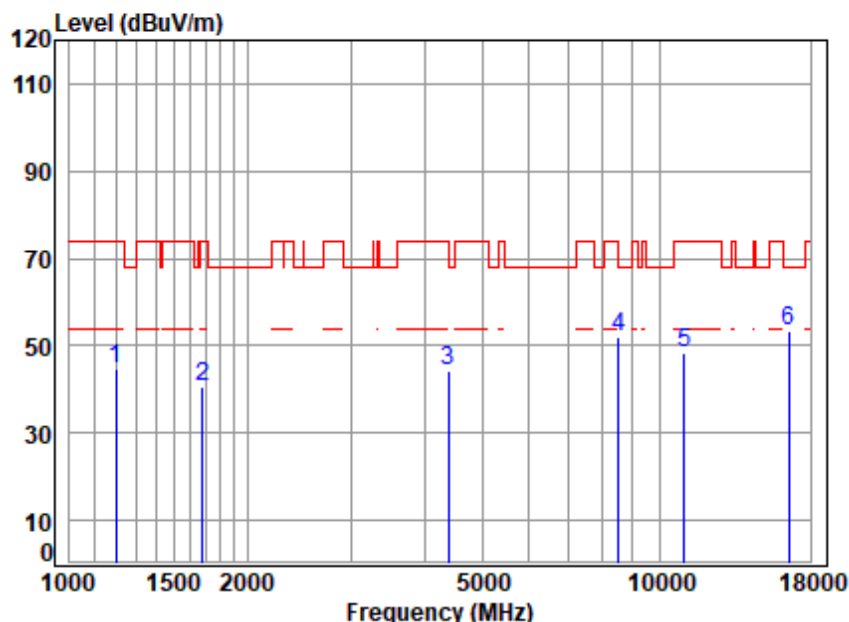
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.79	41.84	74.00	-32.16	peak
2	1439.343	3.17	25.58	40.46	52.65	40.94	74.00	-33.06	peak
3	4230.396	6.51	33.13	42.34	47.85	45.15	74.00	-28.85	peak
4	8613.468	10.15	37.05	40.14	45.32	52.38	68.20	-15.82	peak
5	11400.000	11.50	37.88	38.65	38.67	49.40	74.00	-24.60	peak
6	17100.000	14.14	42.66	40.53	36.15	52.42	68.20	-15.78	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5510 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.78	44.85	74.00	-29.15	peak
2	1682.477	3.42	26.60	40.62	51.02	40.42	74.00	-33.58	peak
3	4379.699	6.65	33.39	42.46	46.72	44.30	74.00	-29.70	peak
4	8514.456	10.11	37.01	40.31	45.15	51.96	68.20	-16.24	peak
5	11020.000	11.00	37.80	38.48	37.84	48.16	74.00	-25.84	peak
6	16530.000	14.78	42.22	40.55	36.84	53.29	68.20	-14.91	peak

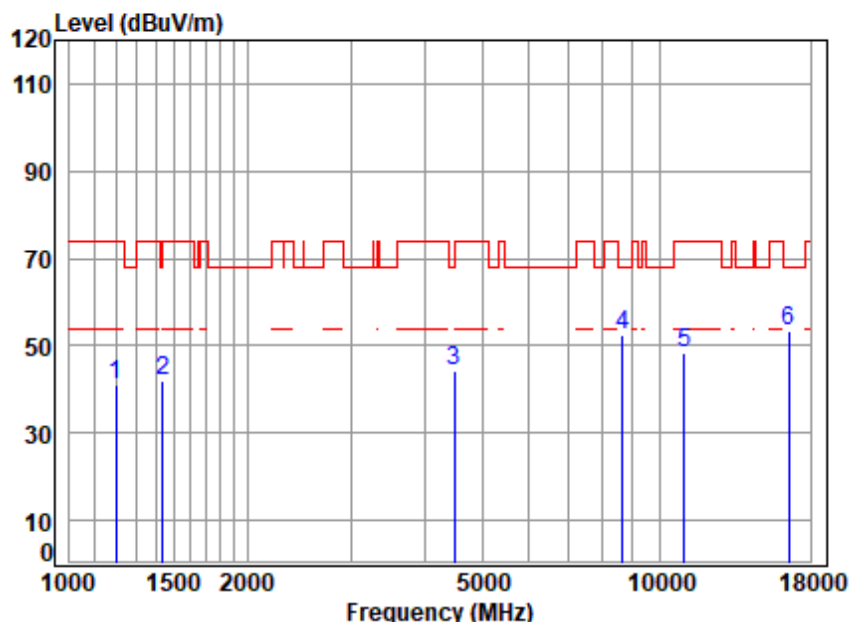


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Mode:n; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5510 TX RSE
Note : 5G WIFI 11AC40

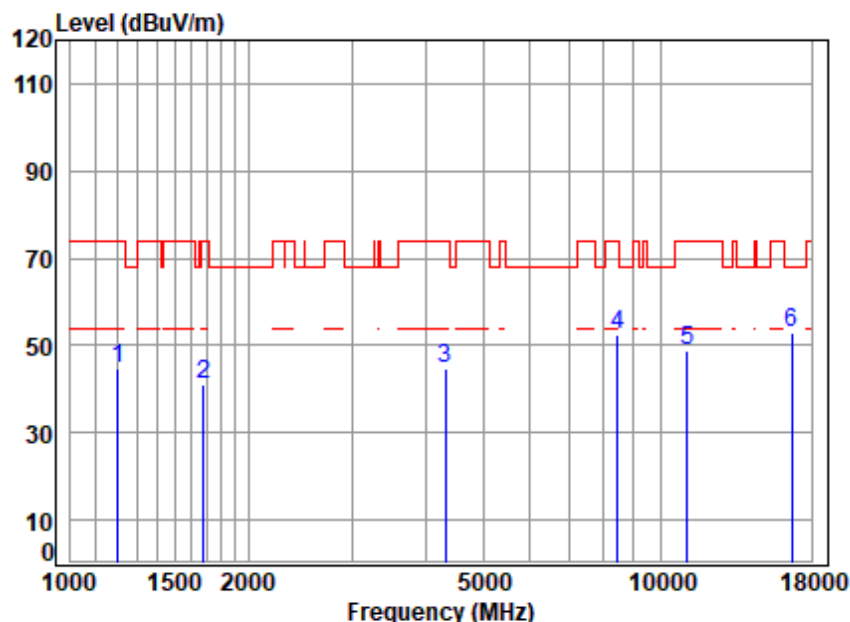
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.19	41.24	74.00	-32.76	peak
2	1439.343	3.17	25.58	40.46	53.56	41.85	74.00	-32.15	peak
3	4495.125	6.76	33.59	42.55	46.34	44.14	68.20	-24.06	peak
4	8663.404	10.17	37.07	40.06	45.15	52.33	68.20	-15.87	peak
5	11020.000	11.00	37.80	38.48	38.23	48.55	74.00	-25.45	peak
6	16530.000	14.78	42.22	40.55	36.75	53.20	68.20	-15.00	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5550 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.53	44.61	74.00	-29.39	peak
2	1682.477	3.42	26.60	40.62	51.82	41.22	74.00	-32.78	peak
3	4316.859	6.59	33.28	42.41	47.30	44.76	74.00	-29.24	peak
4	8440.945	10.02	36.97	40.43	46.12	52.68	74.00	-21.32	peak
5	11100.000	11.10	37.82	38.52	38.64	49.04	74.00	-24.96	peak
6	16650.000	14.62	42.32	40.54	36.36	52.76	68.20	-15.44	peak

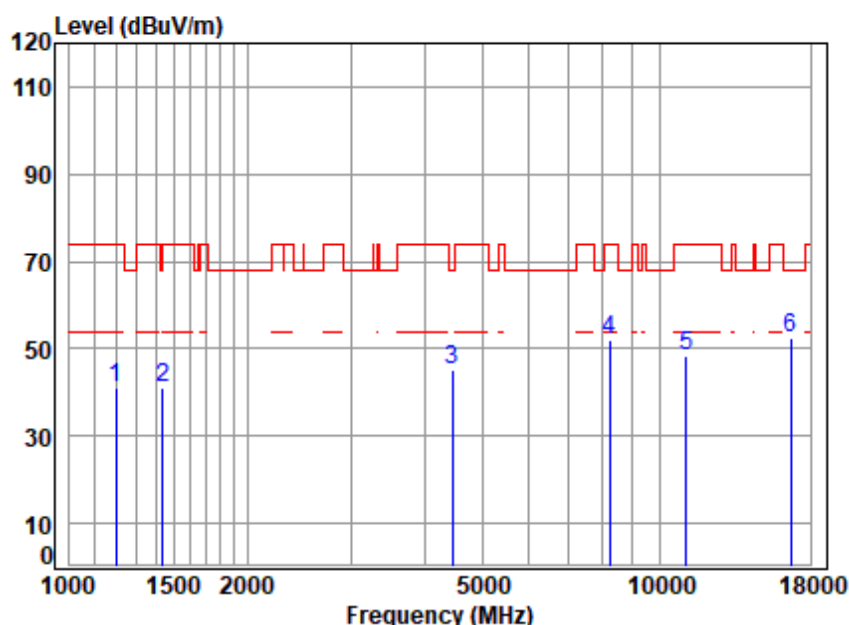


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Mode:n; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5550 TX RSE
Note : 5G WIFI 11AC40

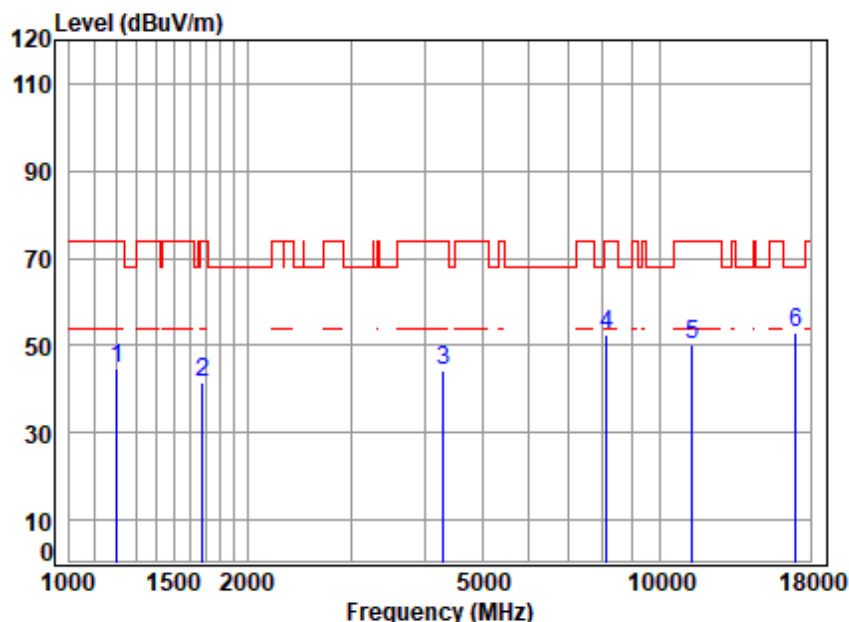
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.19	41.26	74.00	-32.74	peak
2	1439.343	3.17	25.58	40.46	52.90	41.19	74.00	-32.81	peak
3	4456.315	6.72	33.53	42.52	47.50	45.23	68.20	-22.97	peak
4	8224.200	9.73	36.84	40.80	46.32	52.09	74.00	-21.91	peak
5	11100.000	11.10	37.82	38.52	38.03	48.43	74.00	-25.57	peak
6	16650.000	14.62	42.32	40.54	36.11	52.51	68.20	-15.69	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5670 TX RSE
Note : 5G WIFI 11AC40

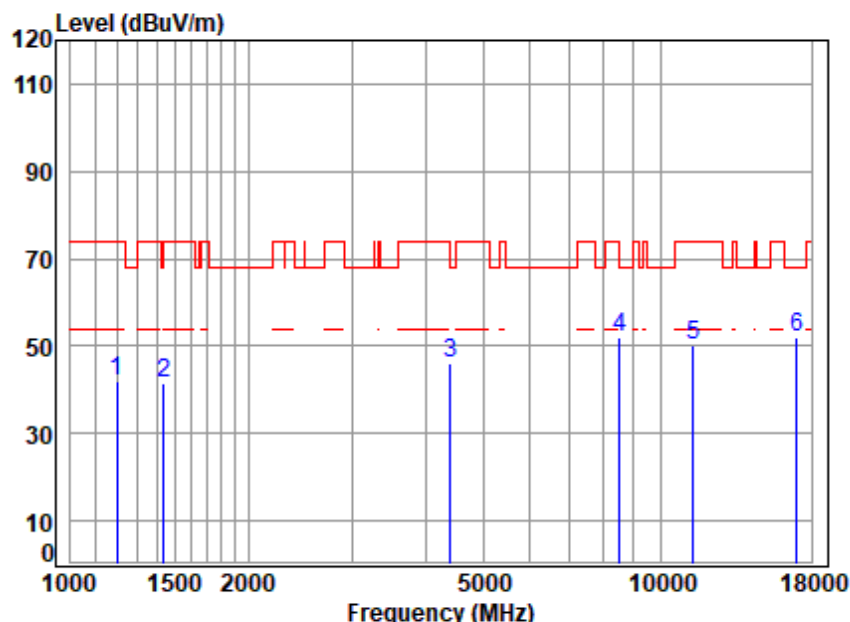
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.53	44.61	74.00	-29.39	peak
2	1677.621	3.41	26.58	40.62	52.02	41.39	74.00	-32.61	peak
3	4304.400	6.58	33.26	42.40	47.04	44.48	74.00	-29.52	peak
4	8129.664	9.60	36.78	40.97	46.98	52.39	74.00	-21.61	peak
5	11340.000	11.42	37.87	38.62	39.38	50.05	74.00	-23.95	peak
6	17010.000	14.17	42.61	40.53	36.75	53.00	68.20	-15.20	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5670 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.75	41.82	74.00	-32.18	peak
2	1439.343	3.17	25.58	40.46	53.07	41.36	74.00	-32.64	peak
3	4405.090	6.67	33.44	42.48	48.39	46.02	68.20	-22.18	peak
4	8514.456	10.11	37.01	40.31	45.36	52.17	68.20	-16.03	peak
5	11340.000	11.42	37.87	38.62	39.37	50.04	74.00	-23.96	peak
6	17010.000	14.17	42.61	40.53	35.95	52.20	68.20	-16.00	peak



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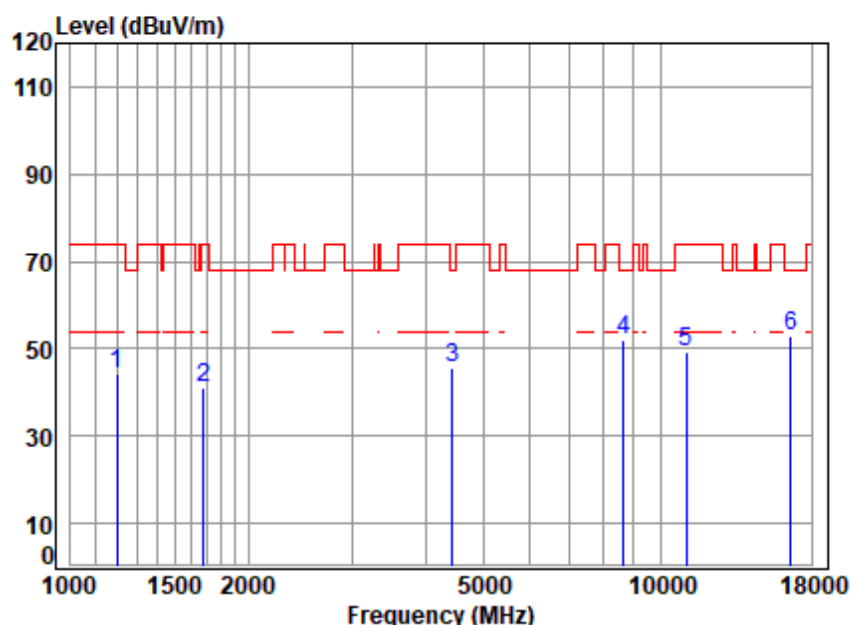
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Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5530 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.38	44.45	74.00	-29.55	peak
2	1677.621	3.41	26.58	40.62	51.85	41.22	74.00	-32.78	peak
3	4443.453	6.71	33.50	42.51	48.04	45.74	68.20	-22.46	peak
4	8638.399	10.16	37.06	40.10	44.99	52.11	68.20	-16.09	peak
5	11060.000	11.05	37.81	38.50	38.92	49.28	74.00	-24.72	peak
6	16590.000	14.70	42.27	40.54	36.63	53.06	68.20	-15.14	peak



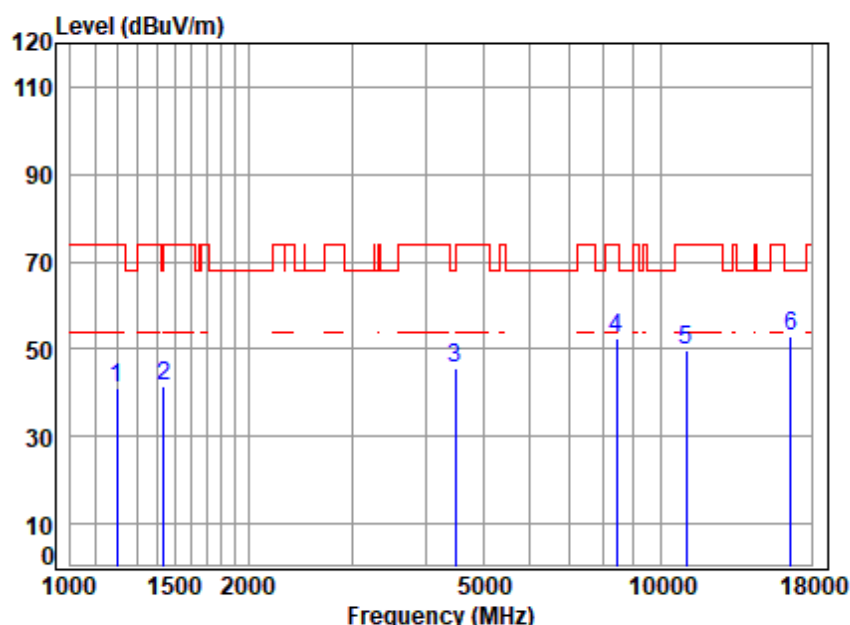
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Mode:n; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5530 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	53.88	40.95	74.00	-33.05	peak
2	1439.343	3.17	25.58	40.46	53.20	41.49	74.00	-32.51	peak
3	4495.125	6.76	33.59	42.55	47.68	45.48	68.20	-22.72	peak
4	8416.584	9.99	36.95	40.47	45.87	52.34	74.00	-21.66	peak
5	11060.000	11.05	37.81	38.50	39.48	49.84	74.00	-24.16	peak
6	16590.000	14.70	42.27	40.54	36.38	52.81	68.20	-15.39	peak



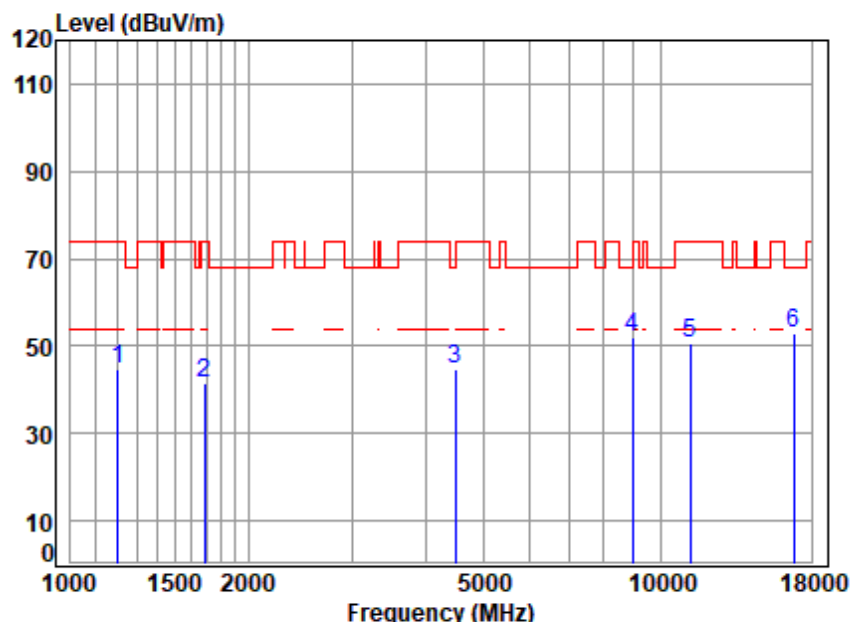
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Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5610 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.43	44.51	74.00	-29.49	peak
2	1687.347	3.42	26.62	40.62	51.99	41.41	74.00	-32.59	peak
3	4482.150	6.74	33.57	42.54	46.79	44.56	68.20	-23.64	peak
4	8943.274	10.28	37.18	39.60	44.10	51.96	68.20	-16.24	peak
5	11220.000	11.26	37.84	38.57	39.99	50.52	74.00	-23.48	peak
6	16830.000	14.39	42.47	40.54	36.56	52.88	68.20	-15.32	peak



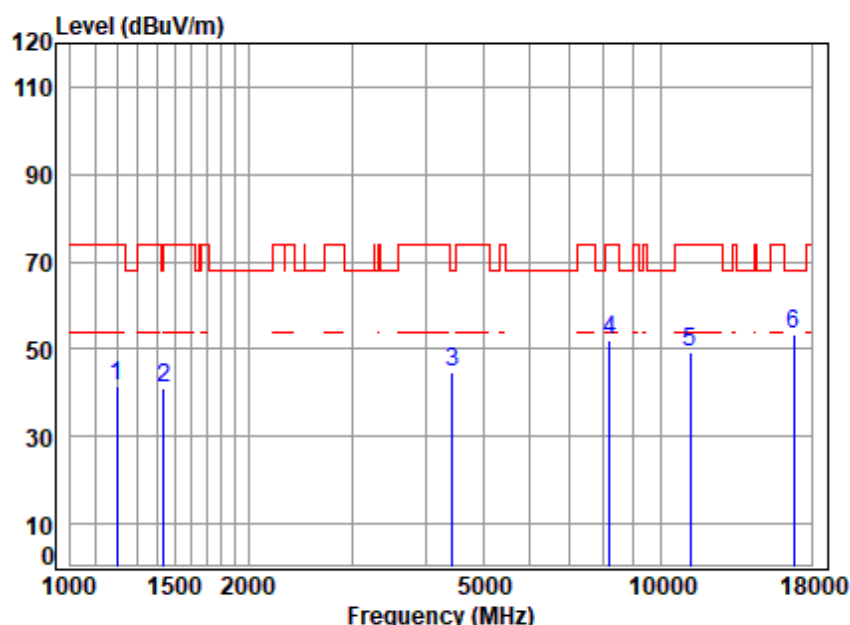
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Mode:n; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5610 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.57	41.64	74.00	-32.36	peak
2	1439.343	3.17	25.58	40.46	52.93	41.22	74.00	-32.78	peak
3	4443.453	6.71	33.50	42.51	47.24	44.94	68.20	-23.26	peak
4	8200.463	9.70	36.82	40.85	46.12	51.79	74.00	-22.21	peak
5	11220.000	11.26	37.84	38.57	38.80	49.33	74.00	-24.67	peak
6	16830.000	14.39	42.47	40.54	36.85	53.17	68.20	-15.03	peak

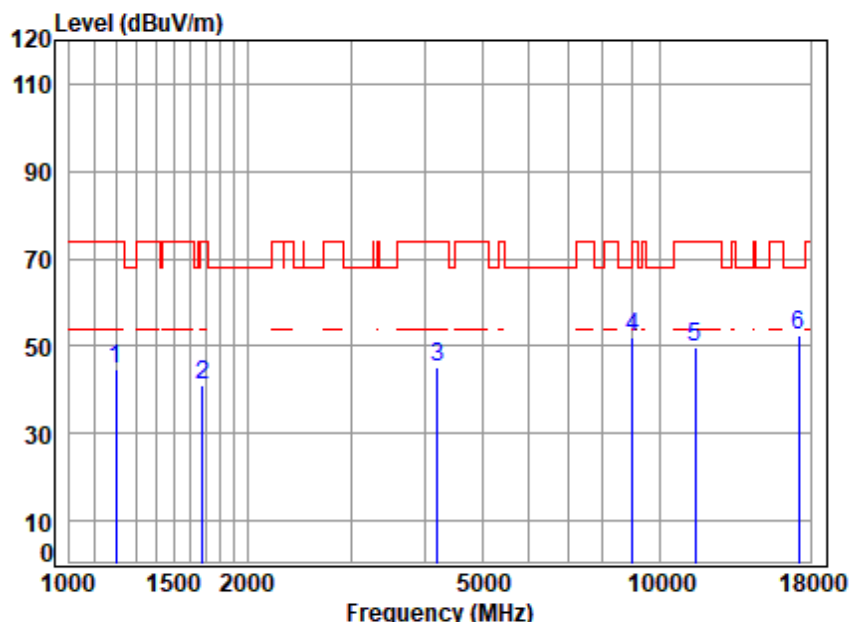


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Mode:o; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5745 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.78	44.85	74.00	-29.15	peak
2	1682.477	3.42	26.60	40.62	51.77	41.17	74.00	-32.83	peak
3	4193.872	6.47	33.06	42.31	47.99	45.21	74.00	-28.79	peak
4	8995.123	10.30	37.20	39.52	43.90	51.88	68.20	-16.32	peak
5	11490.000	11.62	37.90	38.69	38.91	49.74	74.00	-24.26	peak
6	17235.000	14.09	42.74	40.52	36.28	52.59	68.20	-15.61	peak



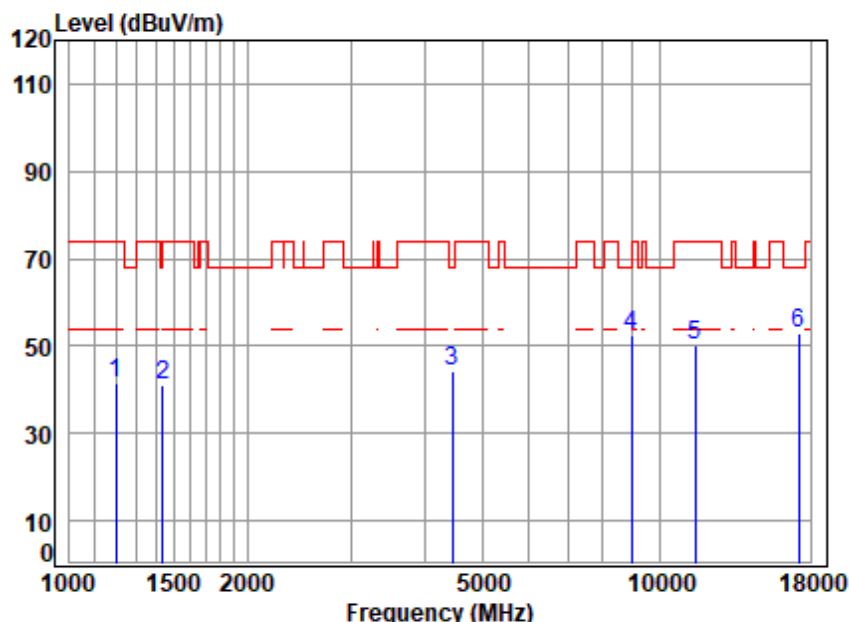
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Mode:o; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5745 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.60	41.65	74.00	-32.35	peak
2	1439.343	3.17	25.58	40.46	52.90	41.19	74.00	-32.81	peak
3	4456.315	6.72	33.53	42.52	46.51	44.24	68.20	-23.96	peak
4	8969.161	10.29	37.19	39.56	44.62	52.54	68.20	-15.66	peak
5	11490.000	11.62	37.90	38.69	39.43	50.26	74.00	-23.74	peak
6	17235.000	14.09	42.74	40.52	36.64	52.95	68.20	-15.25	peak

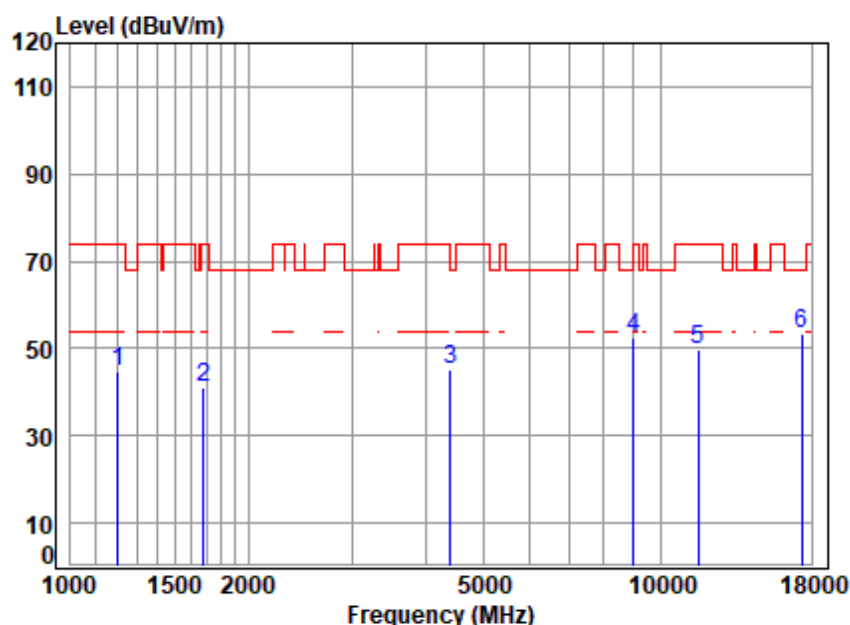


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Mode:o; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5785 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.46	44.54	74.00	-29.46	peak
2	1682.477	3.42	26.60	40.62	51.81	41.21	74.00	-32.79	peak
3	4405.090	6.67	33.44	42.48	47.57	45.20	68.20	-23.00	peak
4	8995.123	10.30	37.20	39.52	44.59	52.57	68.20	-15.63	peak
5	11570.000	11.72	37.87	38.72	38.78	49.65	74.00	-24.35	peak
6	17355.000	14.06	42.81	40.52	36.88	53.23	68.20	-14.97	peak



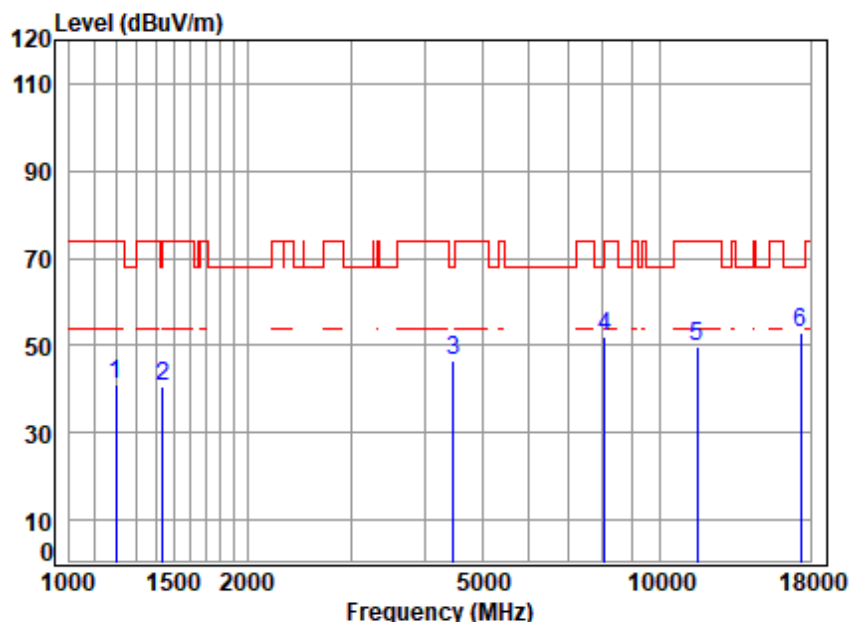
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Mode:o; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5785 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.19	41.26	74.00	-32.74	peak
2	1439.343	3.17	25.58	40.46	52.40	40.69	74.00	-33.31	peak
3	4469.214	6.73	33.55	42.53	48.86	46.61	68.20	-21.59	peak
4	8082.804	9.54	36.75	41.05	46.68	51.92	74.00	-22.08	peak
5	11570.000	11.72	37.87	38.72	38.97	49.84	74.00	-24.16	peak
6	17355.000	14.06	42.81	40.52	36.57	52.92	68.20	-15.28	peak

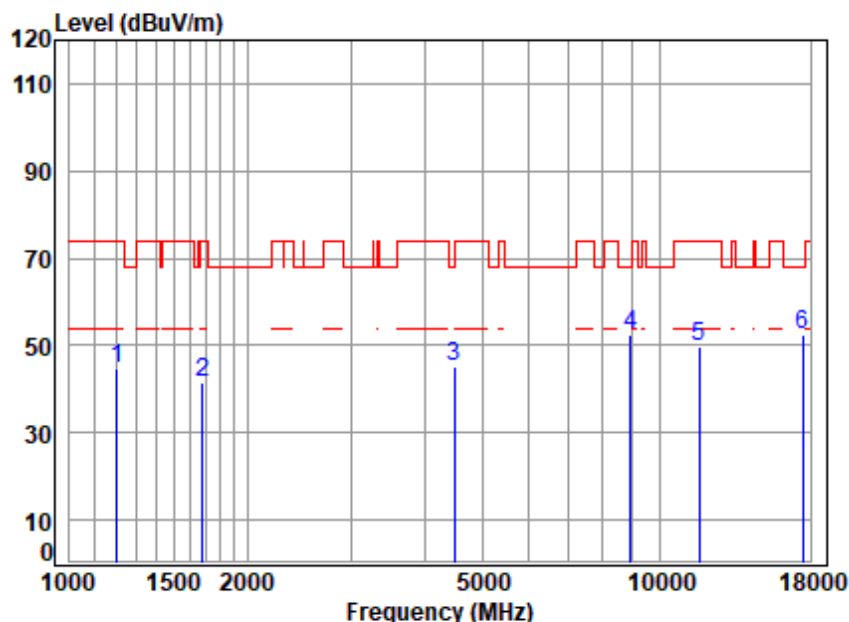


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Mode:o; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5825 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.54	44.62	74.00	-29.38	peak
2	1682.477	3.42	26.60	40.62	52.25	41.65	74.00	-32.35	peak
3	4495.125	6.76	33.59	42.55	47.32	45.12	68.20	-23.08	peak
4	8917.462	10.27	37.17	39.64	44.48	52.28	68.20	-15.92	peak
5	11650.000	11.82	37.84	38.75	38.70	49.61	74.00	-24.39	peak
6	17475.000	14.02	42.89	40.52	36.26	52.65	68.20	-15.55	peak

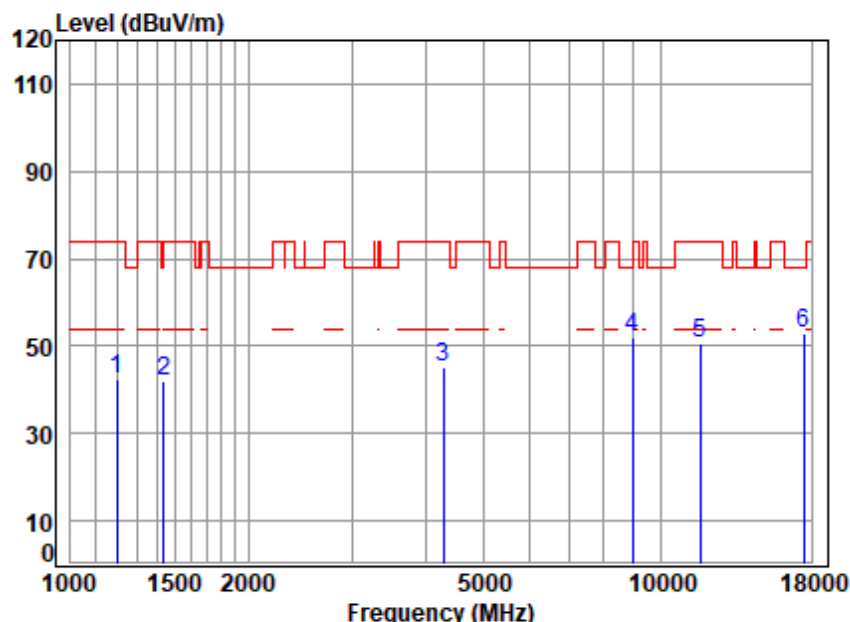


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Mode:o; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5825 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	55.37	42.44	74.00	-31.56	peak
2	1439.343	3.17	25.58	40.46	53.75	42.04	74.00	-31.96	peak
3	4279.589	6.56	33.22	42.38	47.66	45.06	74.00	-28.94	peak
4	8943.274	10.28	37.18	39.60	44.29	52.15	68.20	-16.05	peak
5	11650.000	11.82	37.84	38.75	39.59	50.50	74.00	-23.50	peak
6	17475.000	14.02	42.89	40.52	36.39	52.78	68.20	-15.42	peak

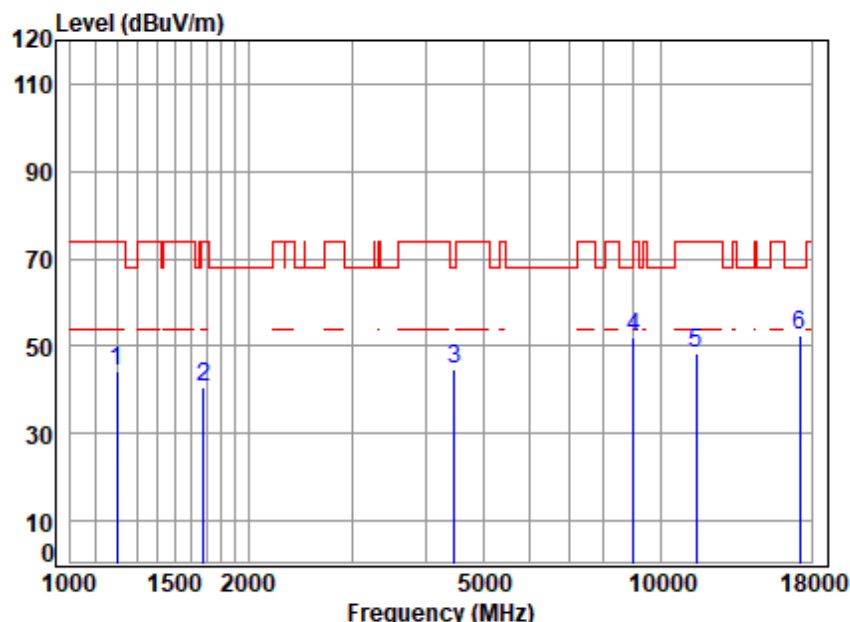


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Mode:o; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5745 TX RSE
Note : 5G WIFI 11N20

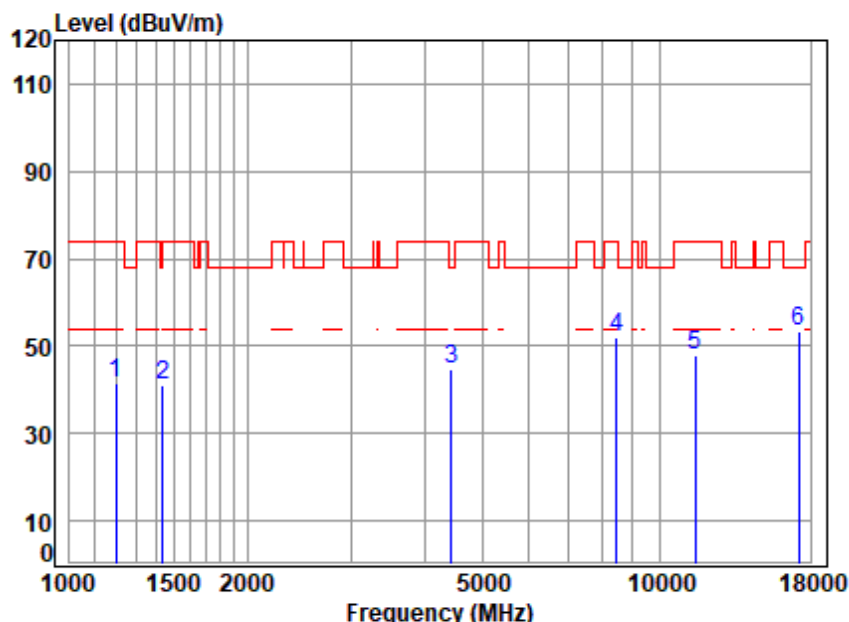
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.13	44.20	74.00	-29.80	peak
2	1677.621	3.41	26.58	40.62	51.33	40.70	74.00	-33.30	peak
3	4469.214	6.73	33.55	42.53	46.89	44.64	68.20	-23.56	peak
4	8995.123	10.30	37.20	39.52	44.26	52.24	68.20	-15.96	peak
5	11490.000	11.62	37.90	38.69	37.50	48.33	74.00	-25.67	peak
6	17235.000	14.09	42.74	40.52	36.30	52.61	68.20	-15.59	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5745 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.62	41.69	74.00	-32.31	peak
2	1439.343	3.17	25.58	40.46	52.84	41.13	74.00	-32.87	peak
3	4430.628	6.70	33.48	42.50	46.98	44.66	68.20	-23.54	peak
4	8440.945	10.02	36.97	40.43	45.59	52.15	74.00	-21.85	peak
5	11490.000	11.62	37.90	38.69	37.24	48.07	74.00	-25.93	peak
6	17235.000	14.09	42.74	40.52	37.26	53.57	68.20	-14.63	peak

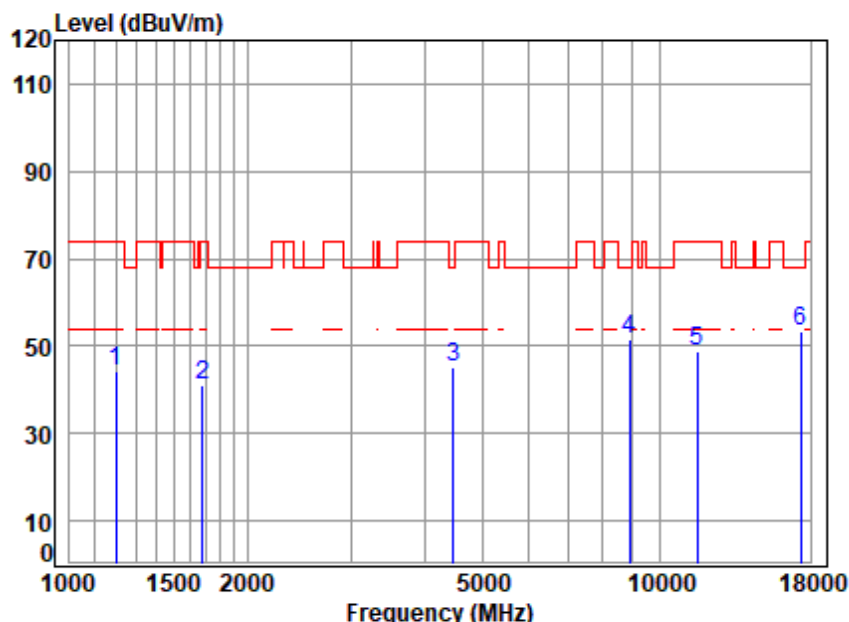


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Mode:o; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5785 TX RSE
Note : 5G WIFI 11N20

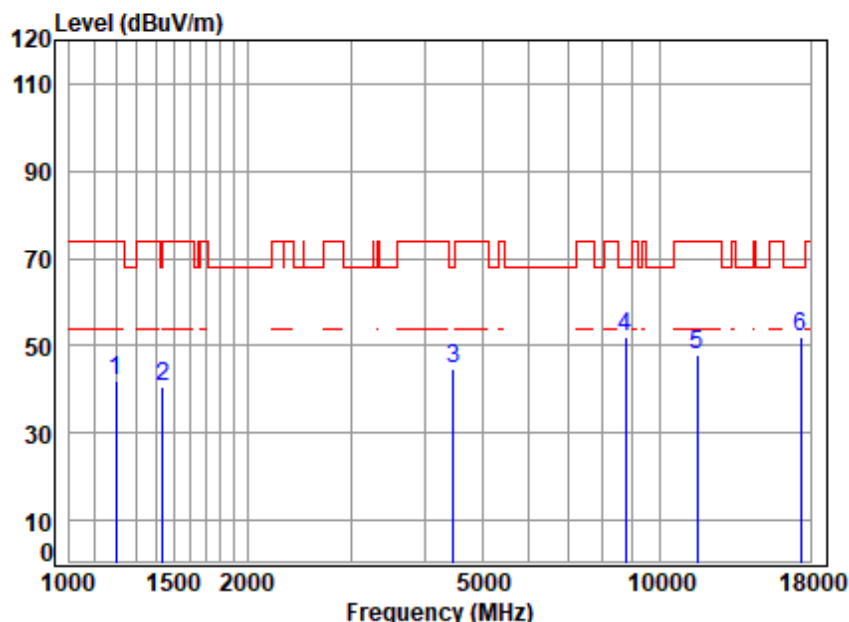
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.20	44.27	74.00	-29.73	peak
2	1682.477	3.42	26.60	40.62	51.54	40.94	74.00	-33.06	peak
3	4469.214	6.73	33.55	42.53	47.24	44.99	68.20	-23.21	peak
4	8891.725	10.26	37.16	39.68	43.99	51.73	68.20	-16.47	peak
5	11570.000	11.72	37.87	38.72	38.02	48.89	74.00	-25.11	peak
6	17355.000	14.06	42.81	40.52	37.03	53.38	68.20	-14.82	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5785 TX RSE
Note : 5G WIFI 11N20

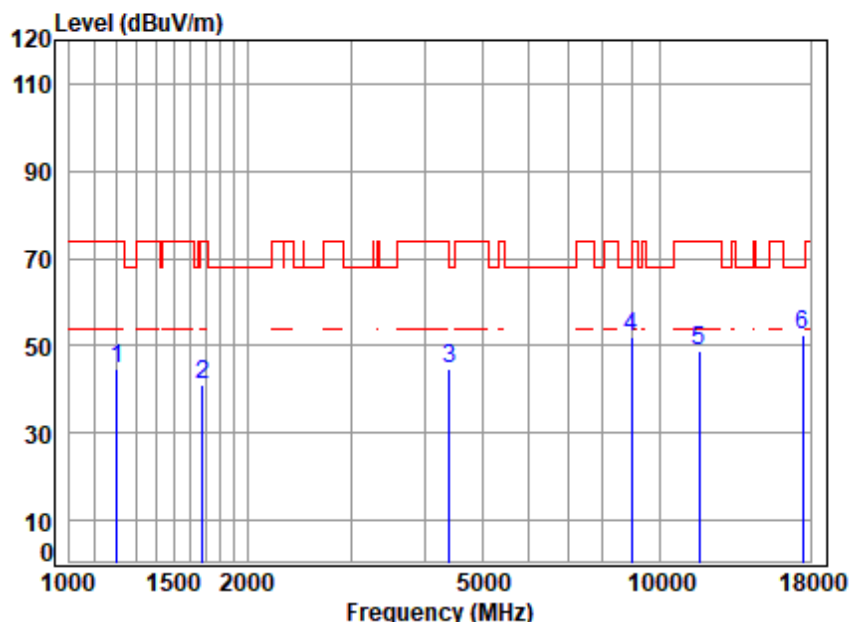
	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.96	42.03	74.00	-31.97	peak
2	1439.343	3.17	25.58	40.46	52.52	40.81	74.00	-33.19	peak
3	4469.214	6.73	33.55	42.53	46.92	44.67	68.20	-23.53	peak
4	8738.852	10.20	37.10	39.93	44.54	51.91	68.20	-16.29	peak
5	11570.000	11.72	37.87	38.72	37.01	47.88	74.00	-26.12	peak
6	17355.000	14.06	42.81	40.52	35.63	51.98	68.20	-16.22	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5825 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.75	44.83	74.00	-29.17	peak
2	1682.477	3.42	26.60	40.62	51.86	41.26	74.00	-32.74	peak
3	4405.090	6.67	33.44	42.48	47.26	44.89	68.20	-23.31	peak
4	8969.161	10.29	37.19	39.56	44.24	52.16	68.20	-16.04	peak
5	11650.000	11.82	37.84	38.75	38.03	48.94	74.00	-25.06	peak
6	17475.000	14.02	42.89	40.52	36.28	52.67	68.20	-15.53	peak



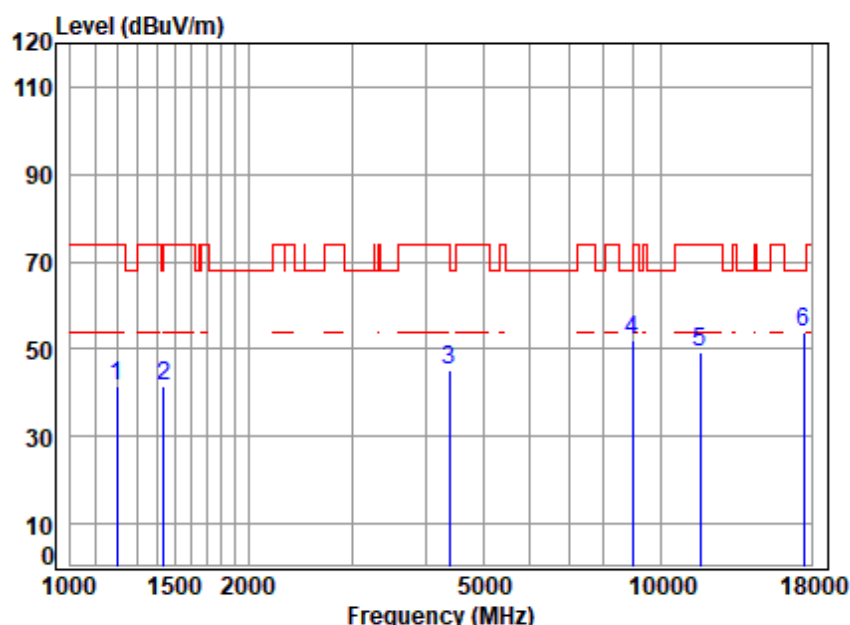
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Mode:o; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5825 TX RSE
Note : 5G WIFI 11N20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.48	41.55	74.00	-32.45	peak
2	1439.343	3.17	25.58	40.46	53.22	41.51	74.00	-32.49	peak
3	4392.376	6.66	33.42	42.47	47.35	44.96	74.00	-29.04	peak
4	8969.161	10.29	37.19	39.56	44.28	52.20	68.20	-16.00	peak
5	11650.000	11.82	37.84	38.75	38.20	49.11	74.00	-24.89	peak
6	17475.000	14.02	42.89	40.52	37.22	53.61	68.20	-14.59	peak

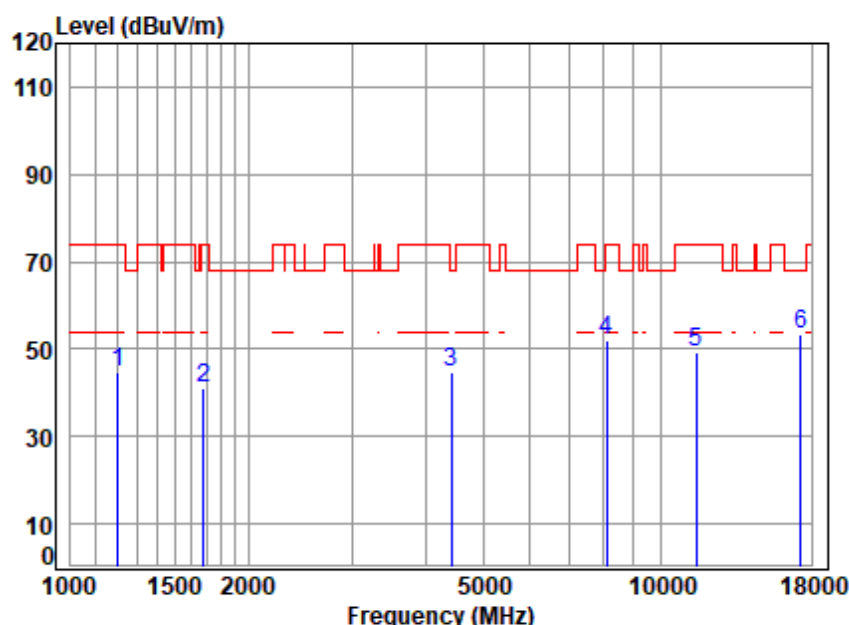


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Mode:o; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5755 TX RSE
Note : 5G WIFI 11N40

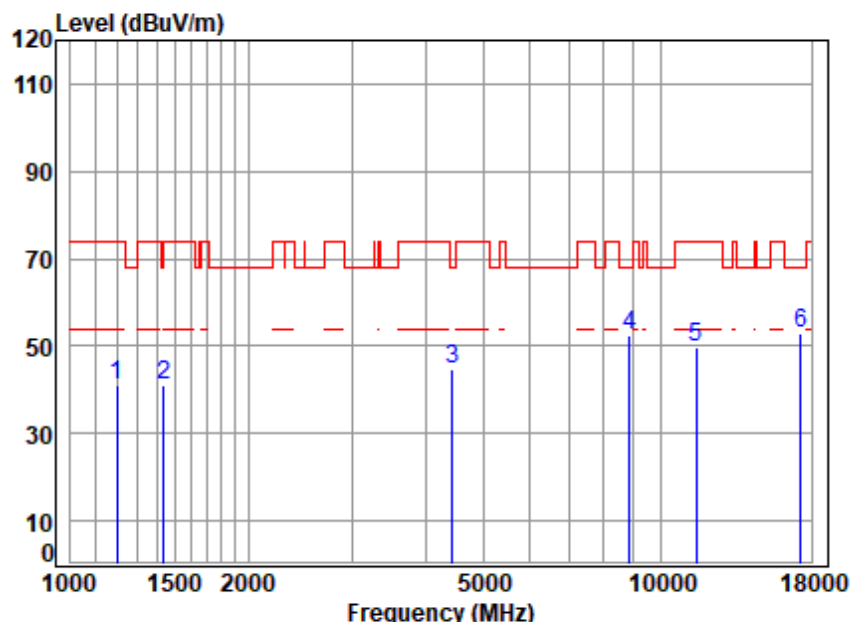
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.44	44.52	74.00	-29.48	peak
2	1682.477	3.42	26.60	40.62	51.67	41.07	74.00	-32.93	peak
3	4417.841	6.68	33.46	42.49	47.01	44.66	68.20	-23.54	peak
4	8106.200	9.57	36.77	41.01	46.75	52.08	74.00	-21.92	peak
5	11510.000	11.64	37.90	38.69	38.53	49.38	74.00	-24.62	peak
6	17265.000	14.08	42.76	40.52	37.06	53.38	68.20	-14.82	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5755 TX RSE
Note : 5G WIFI 11N40

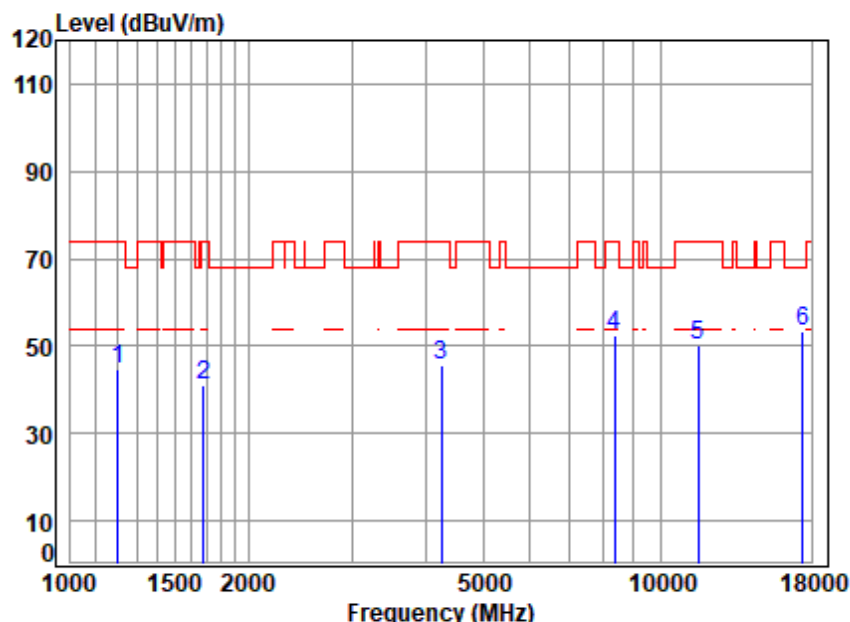
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.22	41.29	74.00	-32.71	peak
2	1439.343	3.17	25.58	40.46	52.73	41.02	74.00	-32.98	peak
3	4443.453	6.71	33.50	42.51	46.85	44.55	68.20	-23.65	peak
4	8840.473	10.24	37.14	39.77	44.75	52.36	68.20	-15.84	peak
5	11510.000	11.64	37.90	38.69	39.05	49.90	74.00	-24.10	peak
6	17265.000	14.08	42.76	40.52	36.51	52.83	68.20	-15.37	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5795 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.41	44.49	74.00	-29.51	peak
2	1682.477	3.42	26.60	40.62	51.89	41.29	74.00	-32.71	peak
3	4242.641	6.52	33.15	42.35	48.23	45.55	74.00	-28.45	peak
4	8368.069	9.92	36.92	40.55	46.26	52.55	74.00	-21.45	peak
5	11590.000	11.74	37.86	38.73	39.38	50.25	74.00	-23.75	peak
6	17385.000	14.05	42.83	40.52	36.86	53.22	68.20	-14.98	peak

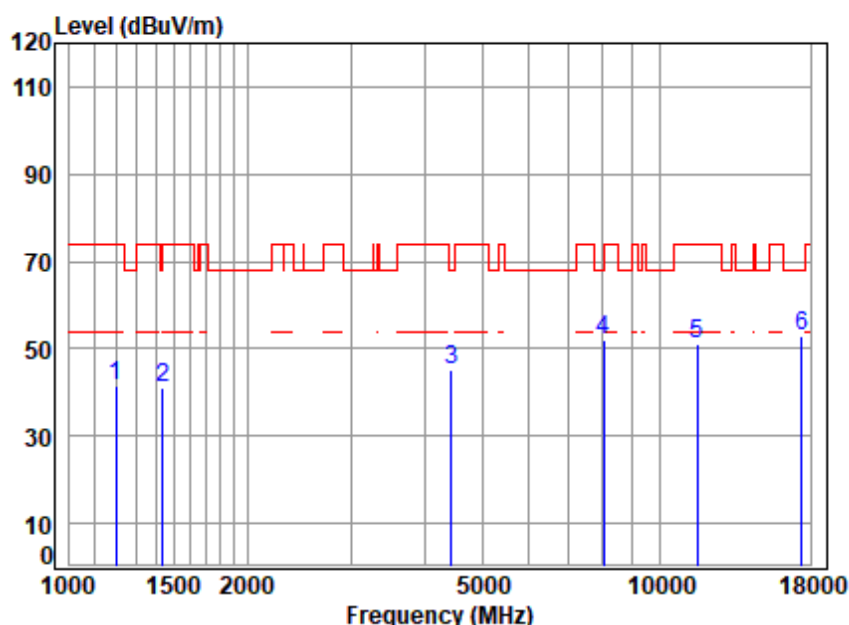


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Mode:o; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5795 TX RSE
Note : 5G WIFI 11N40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.28	41.33	74.00	-32.67	peak
2	1439.343	3.17	25.58	40.46	52.63	40.92	74.00	-33.08	peak
3	4430.628	6.70	33.48	42.50	47.44	45.12	68.20	-23.08	peak
4	8036.214	9.47	36.72	41.14	46.93	51.98	74.00	-22.02	peak
5	11590.000	11.74	37.86	38.73	40.42	51.29	74.00	-22.71	peak
6	17385.000	14.05	42.83	40.52	36.37	52.73	68.20	-15.47	peak

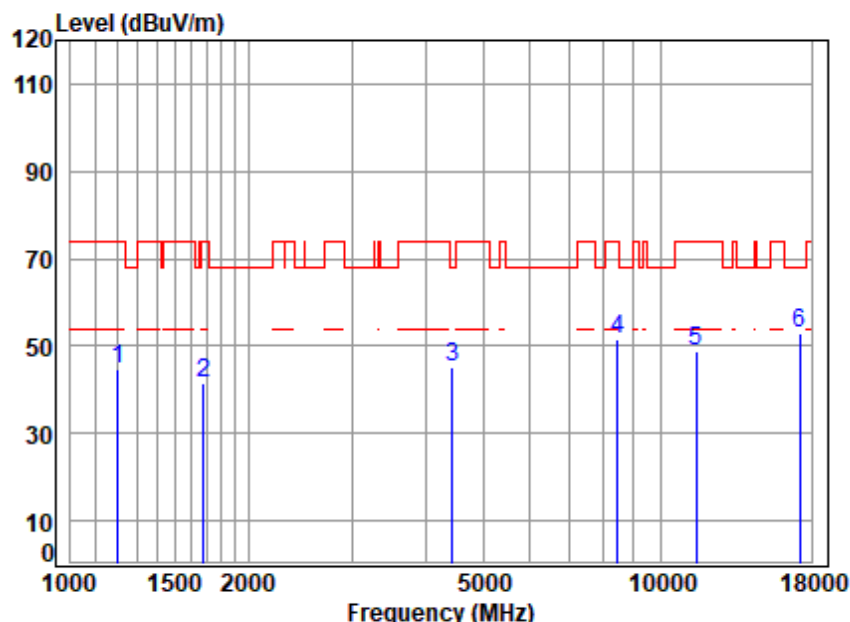


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Mode:o; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5745 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.55	44.63	74.00	-29.37	peak
2	1682.477	3.42	26.60	40.62	52.07	41.47	74.00	-32.53	peak
3	4443.453	6.71	33.50	42.51	47.32	45.02	68.20	-23.18	peak
4	8440.945	10.02	36.97	40.43	45.04	51.60	74.00	-22.40	peak
5	11490.000	11.62	37.90	38.69	38.10	48.93	74.00	-25.07	peak
6	17235.000	14.09	42.74	40.52	36.84	53.15	68.20	-15.05	peak

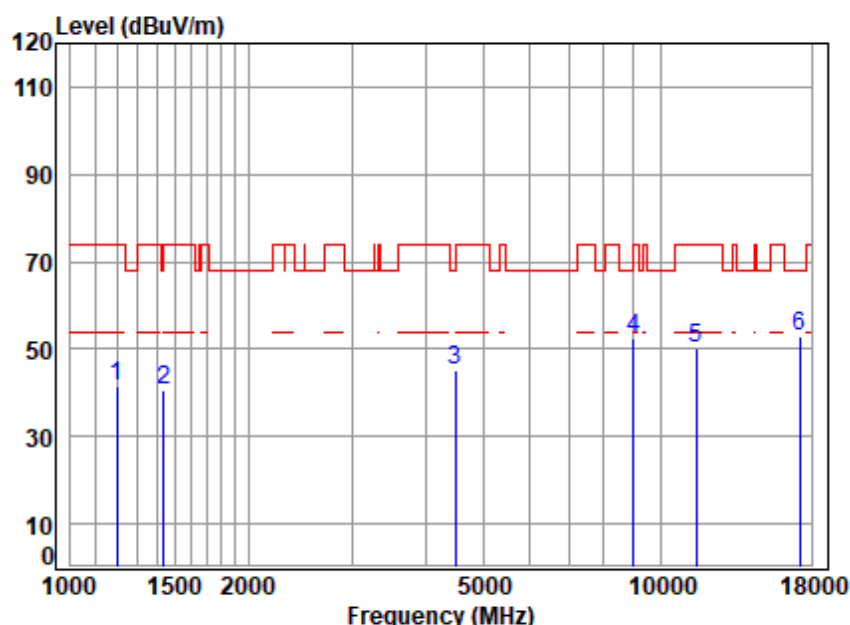


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Mode:o; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5745 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.51	41.56	74.00	-32.44	peak
2	1439.343	3.17	25.58	40.46	52.11	40.40	74.00	-33.60	peak
3	4495.125	6.76	33.59	42.55	47.48	45.28	68.20	-22.92	peak
4	8995.123	10.30	37.20	39.52	44.47	52.45	68.20	-15.75	peak
5	11490.000	11.62	37.90	38.69	39.15	49.98	74.00	-24.02	peak
6	17235.000	14.09	42.74	40.52	36.79	53.10	68.20	-15.10	peak



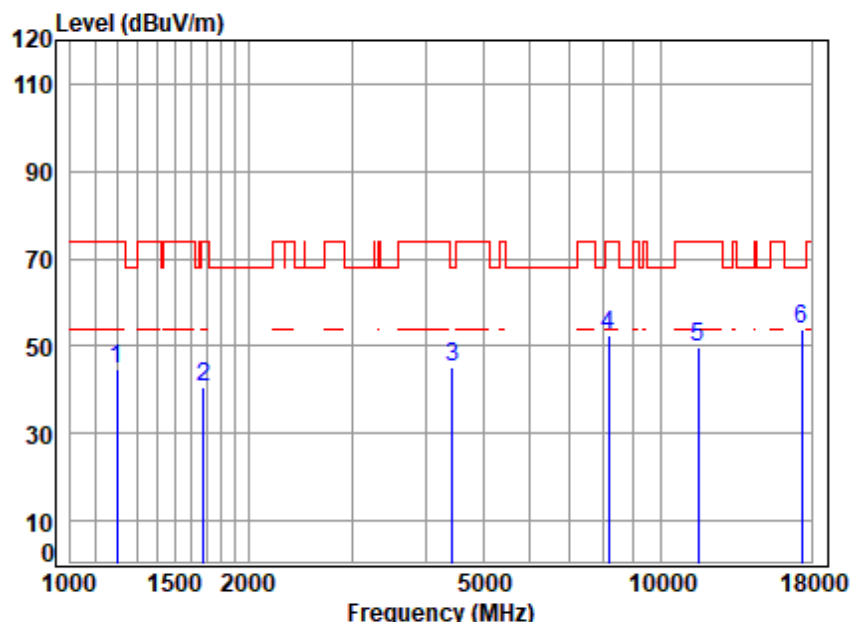
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Mode:o; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5785 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.56	44.63	74.00	-29.37	peak
2	1677.621	3.41	26.58	40.62	51.46	40.83	74.00	-33.17	peak
3	4443.453	6.71	33.50	42.51	47.46	45.16	68.20	-23.04	peak
4	8176.795	9.67	36.81	40.89	46.98	52.57	74.00	-21.43	peak
5	11570.000	11.72	37.87	38.72	38.85	49.72	74.00	-24.28	peak
6	17355.000	14.06	42.81	40.52	37.70	54.05	68.20	-14.15	peak

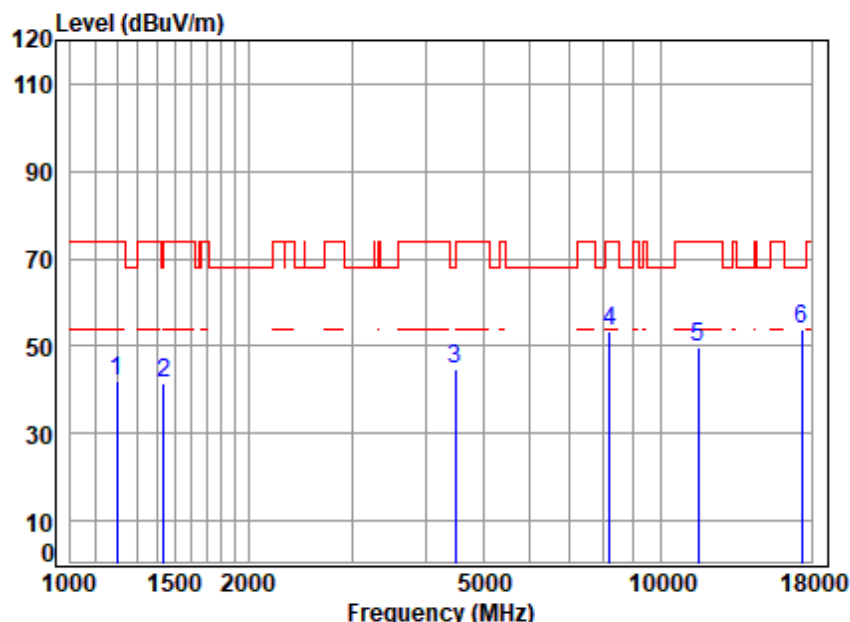


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Mode:o; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5785 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.87	41.94	74.00	-32.06	peak
2	1439.343	3.17	25.58	40.46	53.40	41.69	74.00	-32.31	peak
3	4495.125	6.76	33.59	42.55	47.12	44.92	68.20	-23.28	peak
4	8200.463	9.70	36.82	40.85	47.75	53.42	74.00	-20.58	peak
5	11570.000	11.72	37.87	38.72	38.68	49.55	74.00	-24.45	peak
6	17355.000	14.06	42.81	40.52	37.38	53.73	68.20	-14.47	peak

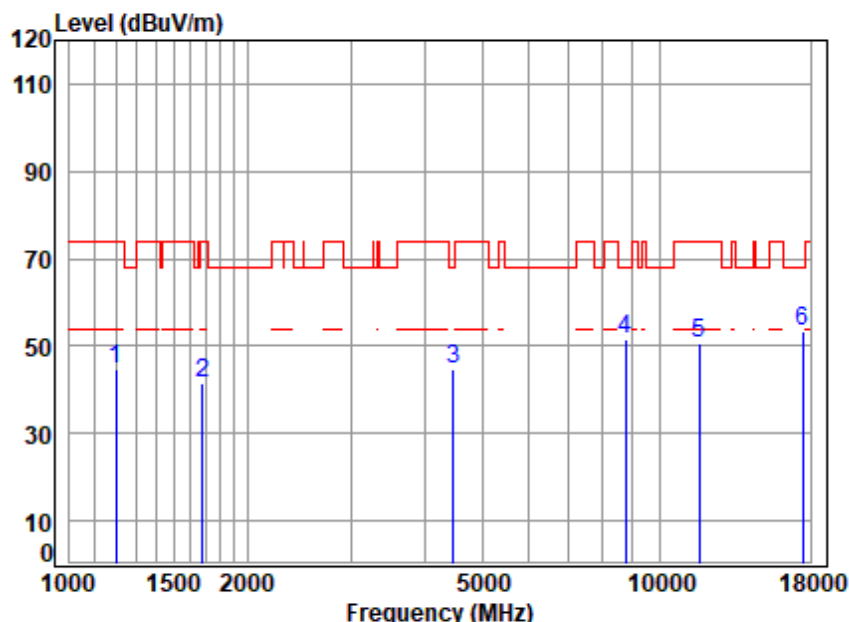


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Mode:o; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5825 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	57.54	44.61	74.00	-29.39	peak
2	1677.621	3.41	26.58	40.62	51.95	41.32	74.00	-32.68	peak
3	4469.214	6.73	33.55	42.53	47.13	44.88	68.20	-23.32	peak
4	8738.852	10.20	37.10	39.93	44.29	51.66	68.20	-16.54	peak
5	11650.000	11.82	37.84	38.75	39.72	50.63	74.00	-23.37	peak
6	17475.000	14.02	42.89	40.52	37.01	53.40	68.20	-14.80	peak

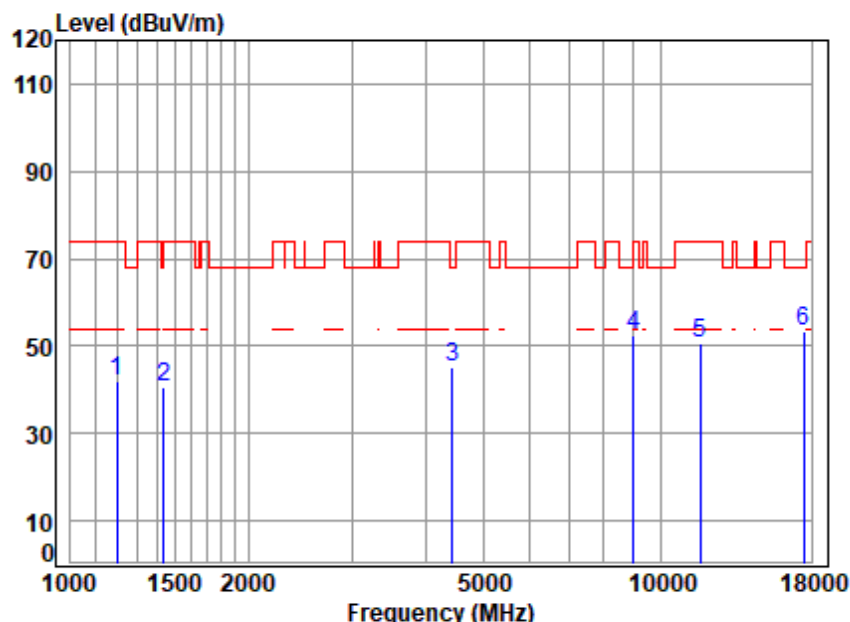


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Mode:o; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5825 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1196.264	2.76	24.57	40.28	54.96	42.01	74.00	-31.99	peak
2	1439.343	3.17	25.58	40.46	52.22	40.51	74.00	-33.49	peak
3	4443.453	6.71	33.50	42.51	47.42	45.12	68.20	-23.08	peak
4	8995.123	10.30	37.20	39.52	44.27	52.25	68.20	-15.95	peak
5	11650.000	11.82	37.84	38.75	39.70	50.61	74.00	-23.39	peak
6	17475.000	14.02	42.89	40.52	37.17	53.56	68.20	-14.64	peak

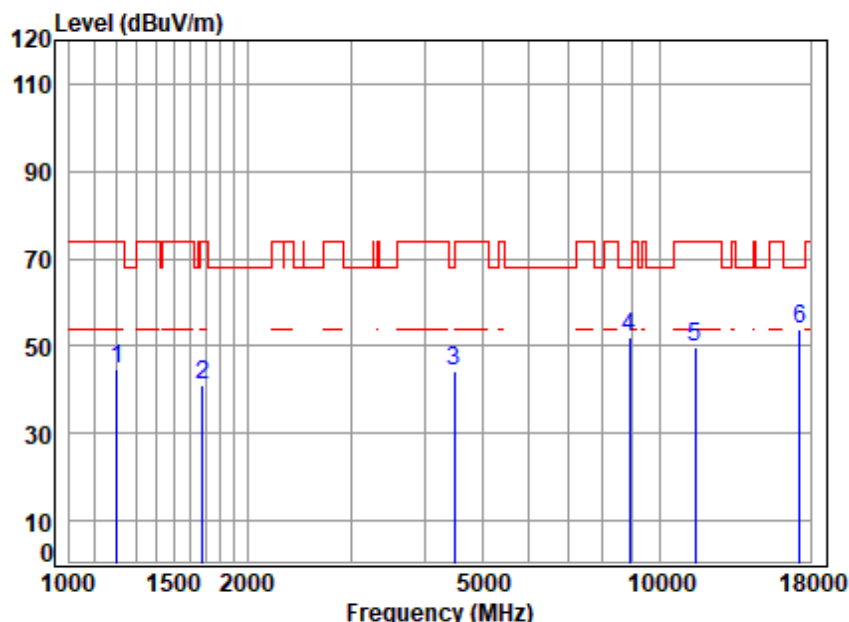


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Mode:o; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5755 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.48	44.56	74.00	-29.44	peak
2	1682.477	3.42	26.60	40.62	51.73	41.13	74.00	-32.87	peak
3	4495.125	6.76	33.59	42.55	46.53	44.33	68.20	-23.87	peak
4	8891.725	10.26	37.16	39.68	44.21	51.95	68.20	-16.25	peak
5	11510.000	11.64	37.90	38.69	38.71	49.56	74.00	-24.44	peak
6	17265.000	14.08	42.76	40.52	37.42	53.74	68.20	-14.46	peak



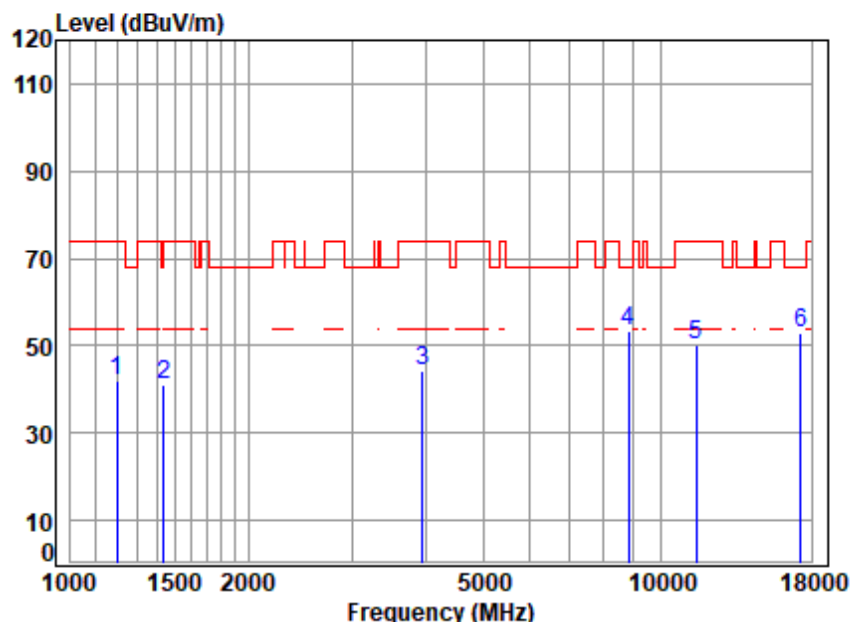
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Mode:o; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5755 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.69	41.76	74.00	-32.24	peak
2	1439.343	3.17	25.58	40.46	52.84	41.13	74.00	-32.87	peak
3	3946.885	6.20	32.60	42.11	47.55	44.24	74.00	-29.76	peak
4	8814.957	10.23	37.13	39.81	45.74	53.29	68.20	-14.91	peak
5	11510.000	11.64	37.90	38.69	39.43	50.28	74.00	-23.72	peak
6	17265.000	14.08	42.76	40.52	36.56	52.88	68.20	-15.32	peak

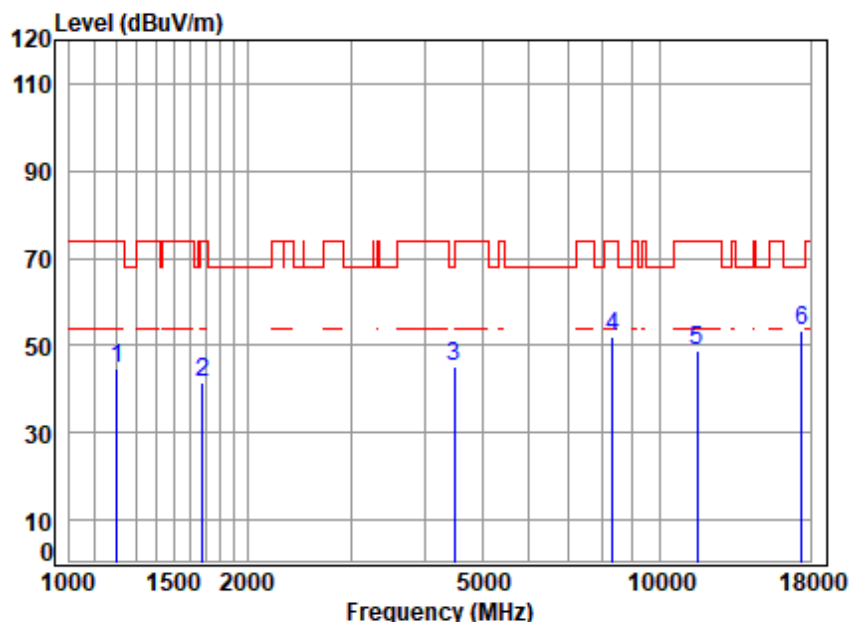


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Mode:o; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5795 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.85	44.93	74.00	-29.07	peak
2	1677.621	3.41	26.58	40.62	52.02	41.39	74.00	-32.61	peak
3	4495.125	6.76	33.59	42.55	47.27	45.07	68.20	-23.13	peak
4	8319.836	9.86	36.89	40.64	45.85	51.96	74.00	-22.04	peak
5	11590.000	11.74	37.86	38.73	37.80	48.67	74.00	-25.33	peak
6	17385.000	14.05	42.83	40.52	36.88	53.24	68.20	-14.96	peak

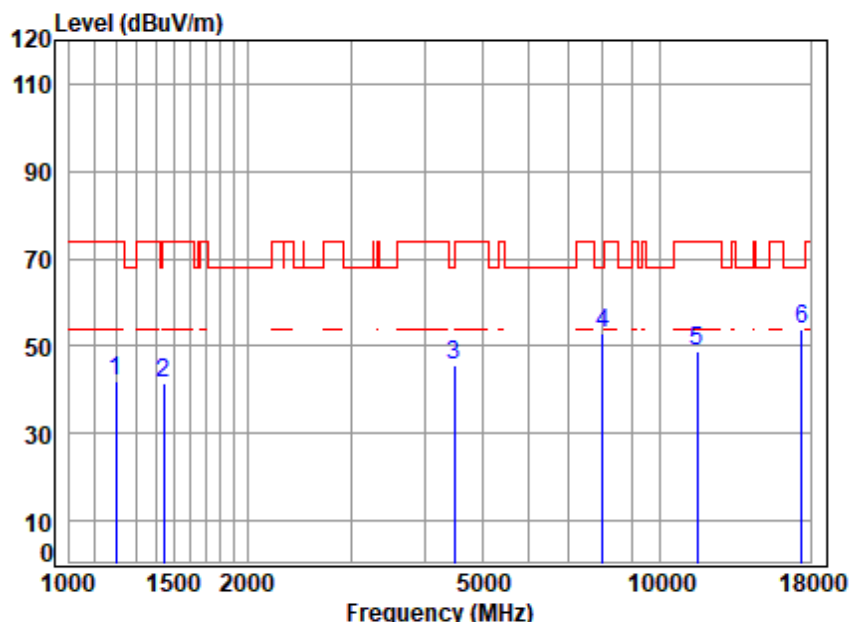


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Mode:o; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5795 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	55.13	42.20	74.00	-31.80	peak
2	1443.509	3.17	25.59	40.47	53.11	41.40	74.00	-32.60	peak
3	4482.150	6.74	33.57	42.54	48.08	45.85	68.20	-22.35	peak
4	8013.020	9.44	36.71	41.18	47.89	52.86	68.20	-15.34	peak
5	11590.000	11.74	37.86	38.73	37.88	48.75	74.00	-25.25	peak
6	17385.000	14.05	42.83	40.52	37.37	53.73	68.20	-14.47	peak

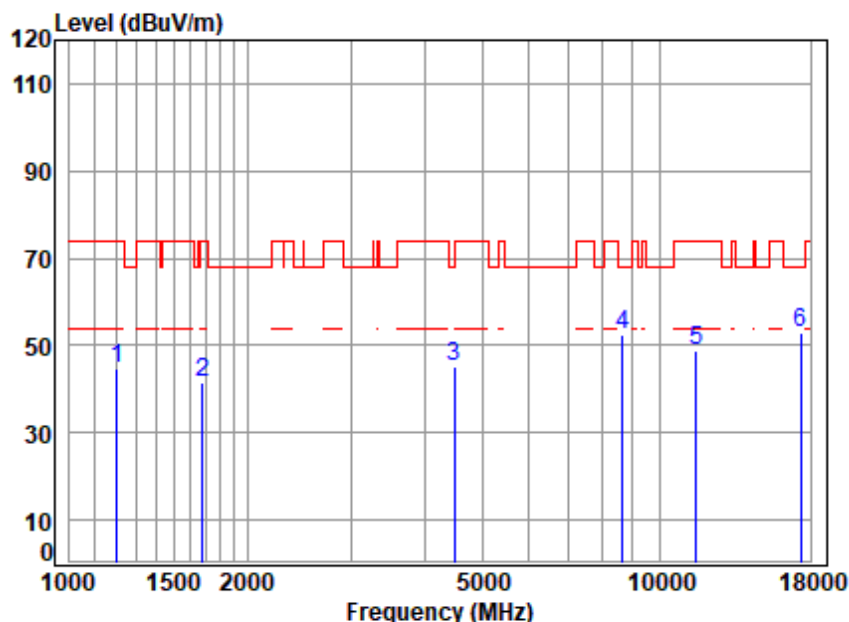


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Mode:o; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5775 TX RSE
Note : 5G WIFI 11AC80

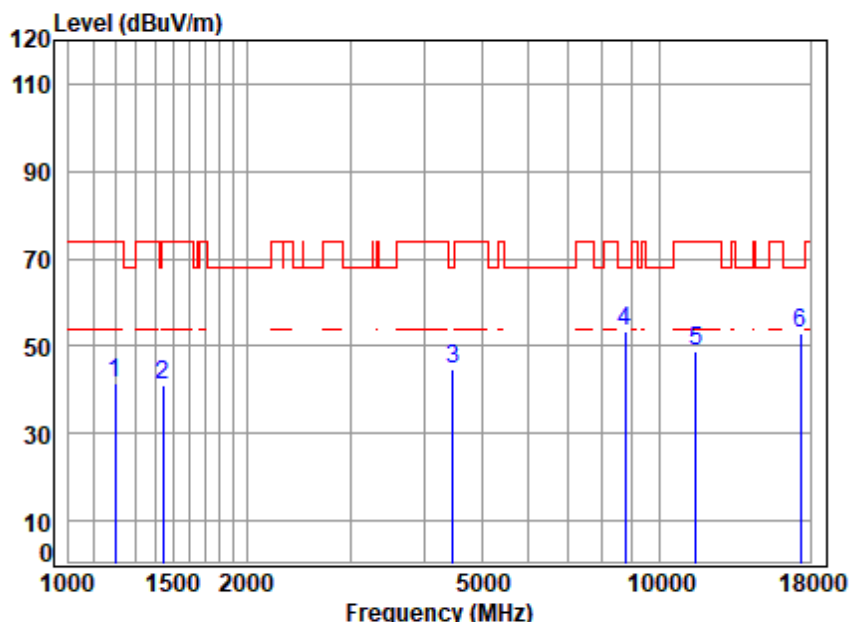
	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	2.77	24.60	40.29	57.62	44.70	74.00	-29.30	peak
2	1677.621	3.41	26.58	40.62	52.00	41.37	74.00	-32.63	peak
3	4495.125	6.76	33.59	42.55	47.24	45.04	68.20	-23.16	peak
4	8638.399	10.16	37.06	40.10	45.27	52.39	68.20	-15.81	peak
5	11550.000	11.69	37.88	38.71	37.82	48.68	74.00	-25.32	peak
6	17325.000	14.07	42.80	40.52	36.71	53.06	68.20	-15.14	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5775 TX RSE
Note : 5G WIFI 11AC80

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1199.726	2.76	24.59	40.28	54.53	41.60	74.00	-32.40	peak
2	1443.509	3.17	25.59	40.47	52.65	40.94	74.00	-33.06	peak
3	4469.214	6.73	33.55	42.53	47.03	44.78	68.20	-23.42	peak
4	8764.146	10.21	37.11	39.89	45.91	53.34	68.20	-14.86	peak
5	11550.000	11.69	37.88	38.71	38.18	49.04	74.00	-24.96	peak
6	17325.000	14.07	42.80	40.52	36.51	52.86	68.20	-15.34	peak



7.12 Radiated Emissions which fall in the restricted bands

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

Test Method: KDB 789033 D02 II G

Measurement Distance: 3m

Limit:

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

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

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

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

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

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

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

7.12.1 E.U.T. Operation

Operating Environment:

Temperature: 25.8 °C Humidity: 52.9 % RH Atmospheric Pressure: 1010 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.

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.

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.

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.

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.

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.



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The worst case
for final test:

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.

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.

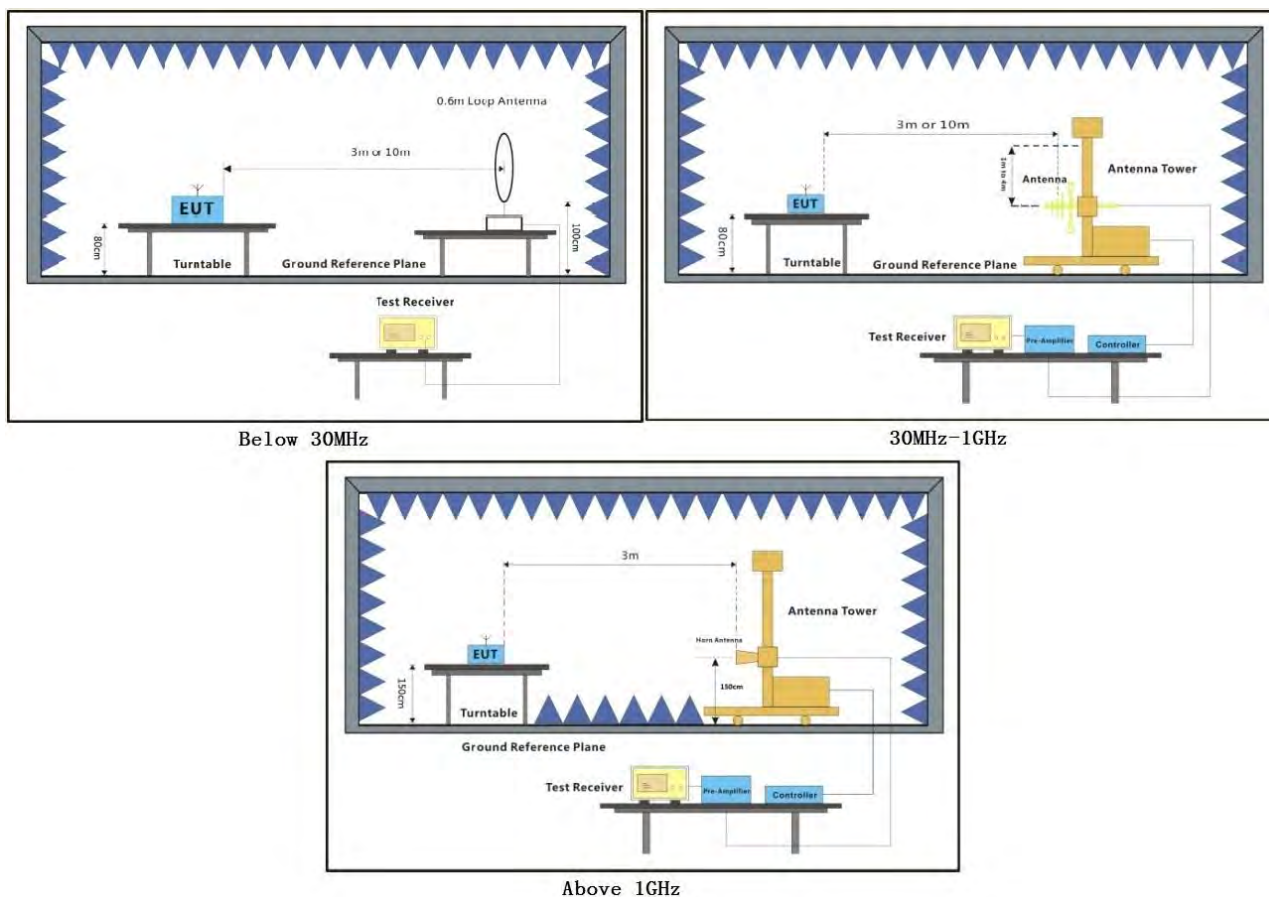
m:Charge + TX mode (Band 2A)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data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

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.



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7.12.2 Test Setup Diagram

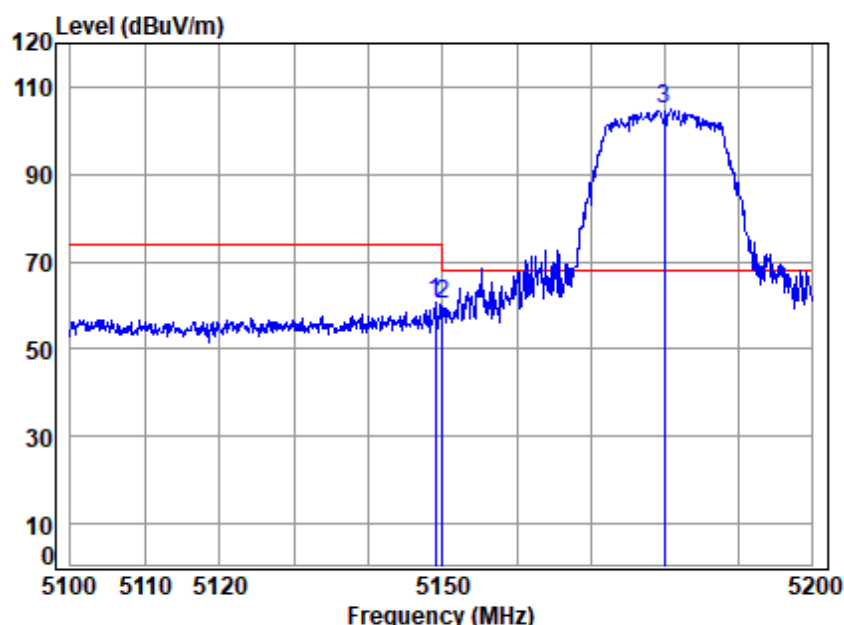


7.12.3 Measurement Procedure and Data

- 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:l; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5180 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.958	7.57	34.32	42.79	61.57	60.67	74.00	-13.33	peak
2	5149.980	7.57	34.32	42.79	61.09	60.19	74.00	-13.81	peak
3 *	5180.000	7.63	34.35	42.77	105.63	104.84	68.20	36.64	peak



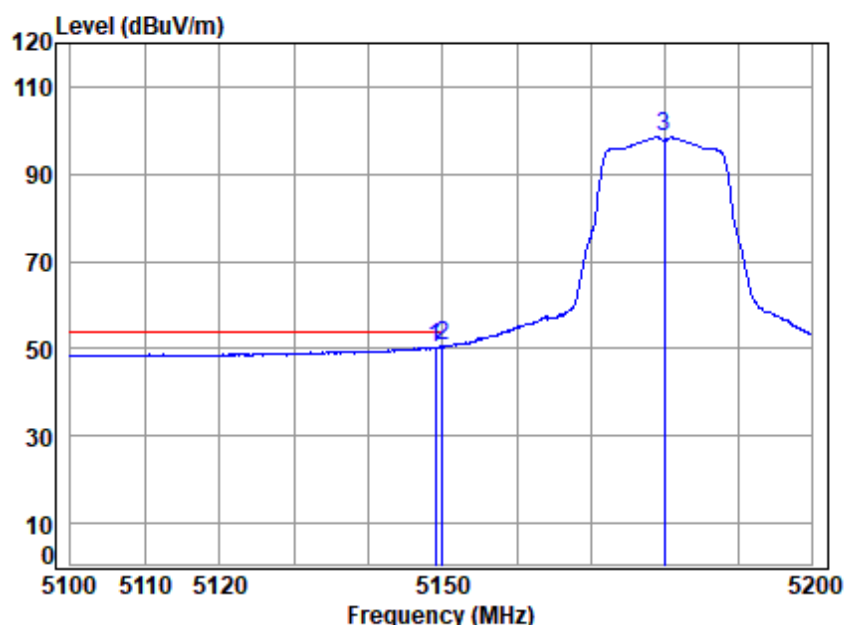
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Mode:l; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5180 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.057	7.57	34.32	42.79	51.29	50.39	54.00	-3.61	Average
2	5149.980	7.57	34.32	42.79	51.67	50.77	54.00	-3.23	Average
3	5180.000	7.63	34.35	42.77	99.21	98.42	-----	-----	Average



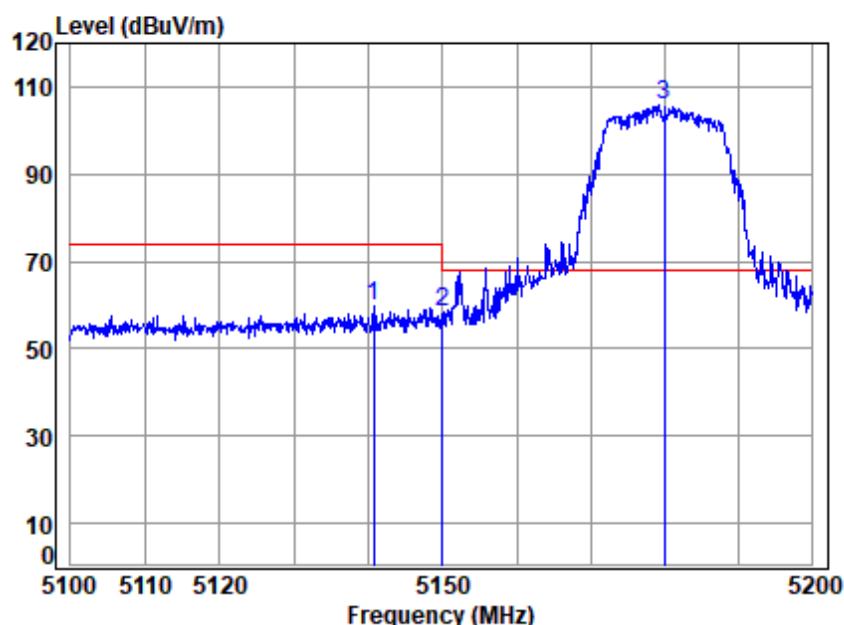
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Mode:I; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5180 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5140.666	7.56	34.32	42.80	60.48	59.56	74.00	-14.44	peak
2	5149.980	7.57	34.32	42.79	59.52	58.62	74.00	-15.38	peak
3 *	5180.000	7.63	34.35	42.77	106.62	105.83	68.20	37.63	peak

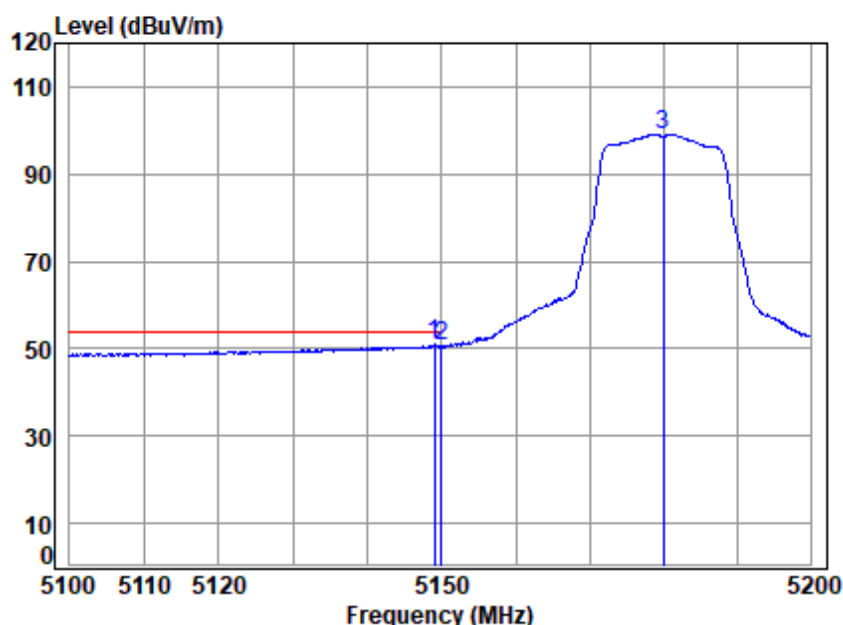


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Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5180 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.958	7.57	34.32	42.79	51.84	50.94	54.00	-3.06 Average
2	5149.980	7.57	34.32	42.79	51.72	50.82	54.00	-3.18 Average
3	5180.000	7.63	34.35	42.77	100.03	99.24	-----	----- Average



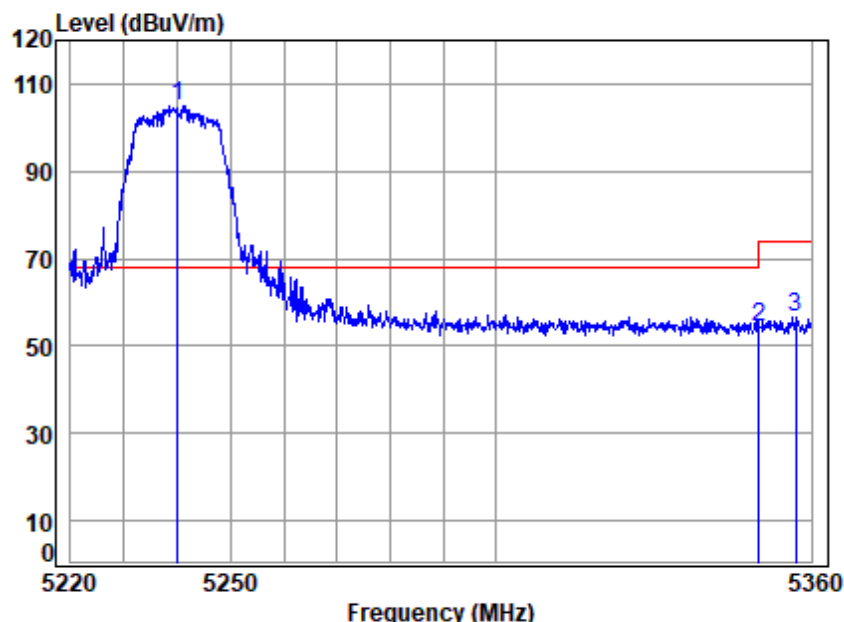
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Mode:l; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5240 Band edge
: 5G WIFI 11A

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 * 5240.000	7.73	34.40	42.73	105.38	104.78	68.20	36.58 peak
2 5350.020	7.92	34.48	42.66	54.64	54.38	74.00	-19.62 peak
3 5357.022	7.94	34.49	42.65	56.78	56.56	74.00	-17.44 peak



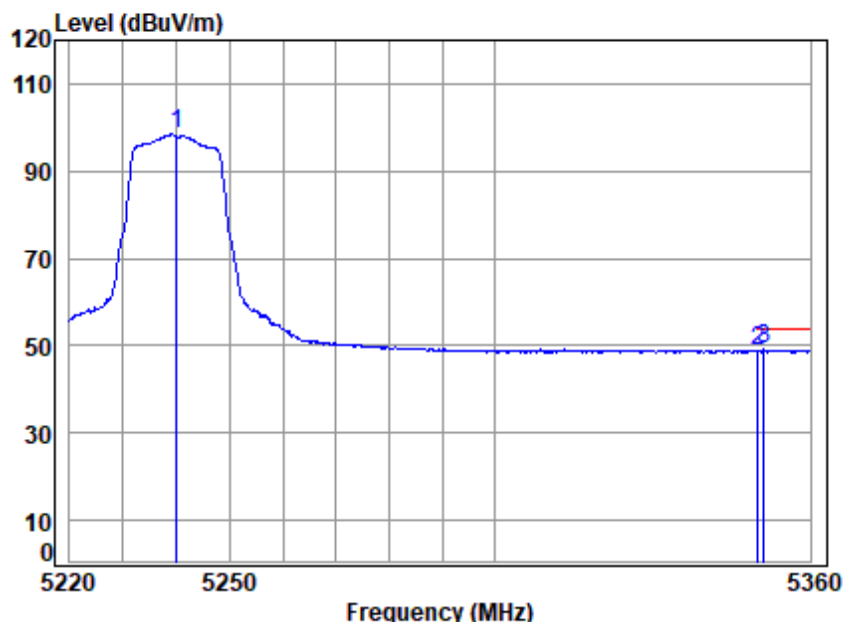
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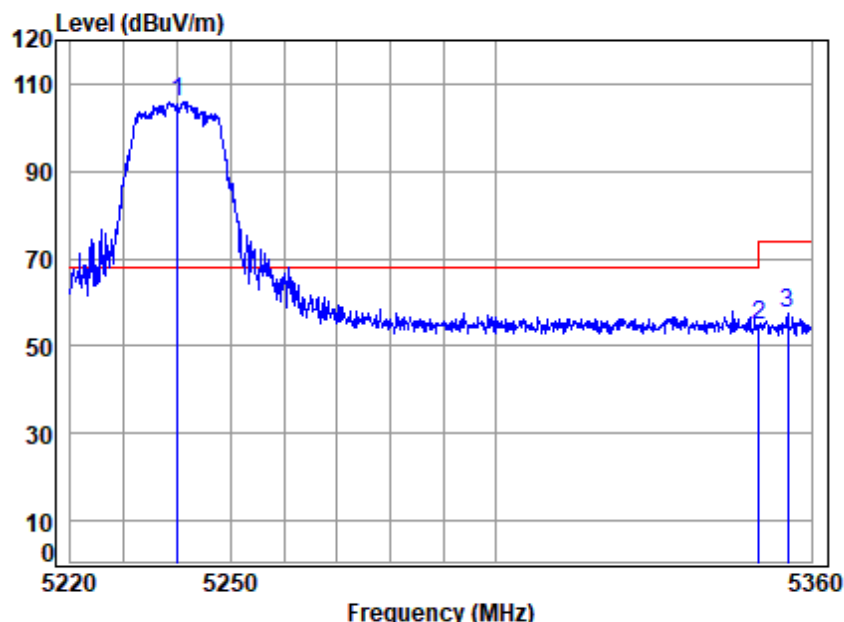
Mode:l; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5240 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	7.73	34.40	42.73	99.00	98.40	-----	-----	Average
2	5350.020	7.92	34.48	42.66	49.14	48.88	54.00	-5.12	Average
3	5351.212	7.93	34.48	42.65	49.41	49.17	54.00	-4.83	Average

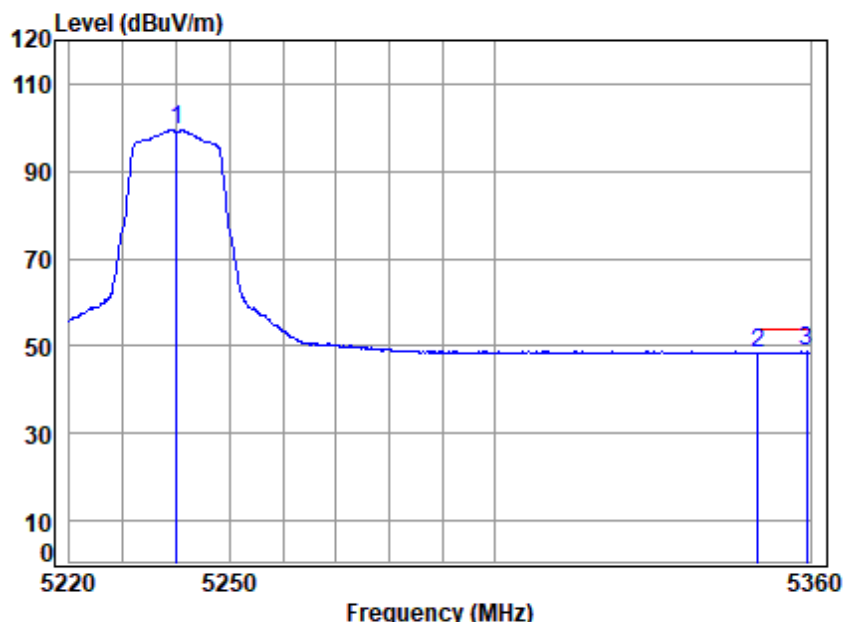
Mode:I; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5240 Band edge
: 5G WIFI 11A

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5240.000	7.73	34.40	42.73	106.60	106.00	68.20	37.80	peak
2 5350.020	7.92	34.48	42.66	55.08	54.82	74.00	-19.18	peak
3 5355.462	7.93	34.49	42.65	57.64	57.41	74.00	-16.59	peak

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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5240 Band edge
: 5G WIFI 11A

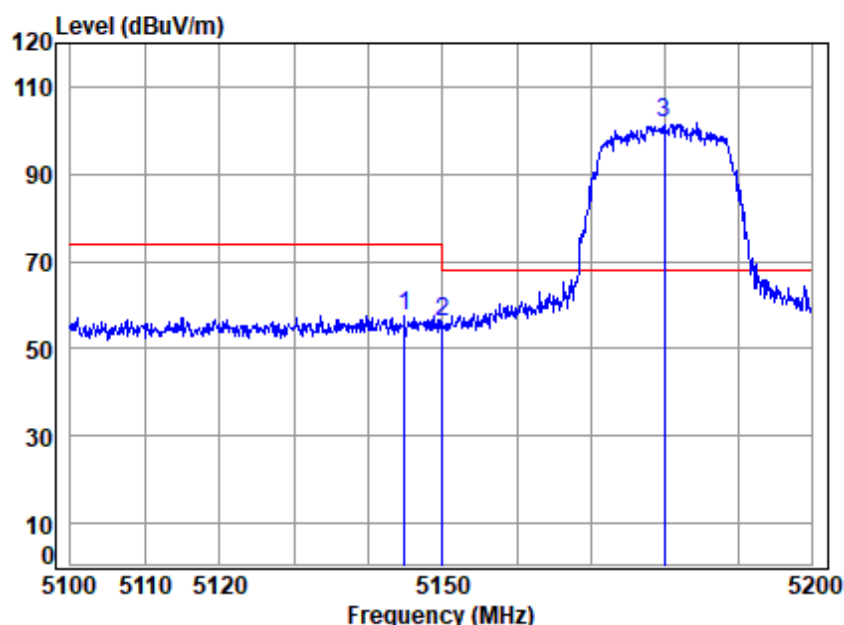
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	7.73	34.40	42.73	100.05	99.45	-----	-----	Average
2	5350.020	7.92	34.48	42.66	48.74	48.48	54.00	-5.52	Average
3	5359.291	7.94	34.49	42.65	48.88	48.66	54.00	-5.34	Average



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5180 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.860	7.56	34.32	42.80	58.59	57.67	74.00	-16.33	peak
2	5149.980	7.57	34.32	42.79	57.21	56.31	74.00	-17.69	peak
3 *	5180.000	7.63	34.35	42.77	102.44	101.65	68.20	33.45	peak



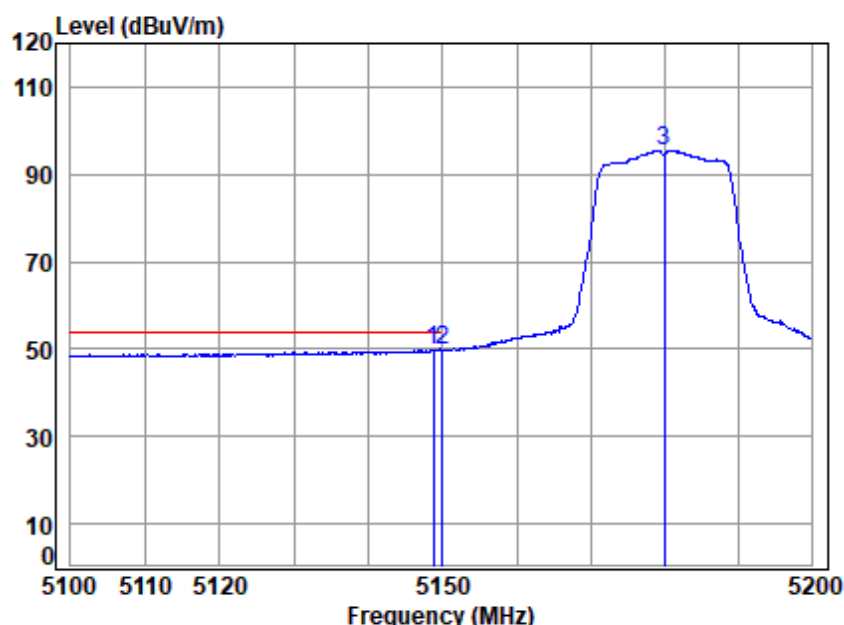
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Mode:l; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5180 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.757	7.57	34.32	42.79	50.72	49.82	54.00	-4.18	Average
2	5149.980	7.57	34.32	42.79	50.74	49.84	54.00	-4.16	Average
3	5180.000	7.63	34.35	42.77	96.24	95.45	-----	-----	Average



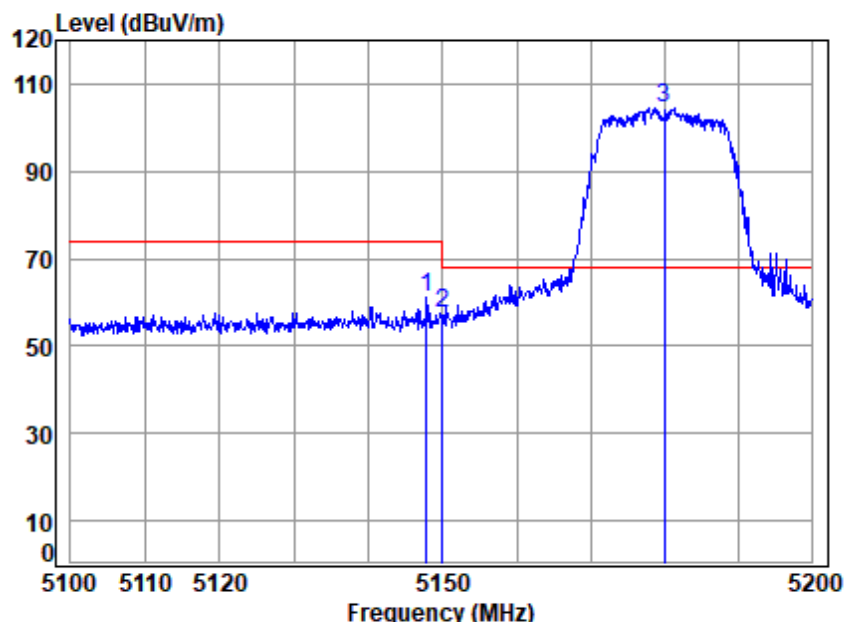
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Mode:I; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5180 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.857	7.57	34.32	42.79	62.22	61.32	74.00	-12.68	peak
2	5149.980	7.57	34.32	42.79	58.18	57.28	74.00	-16.72	peak
3 *	5180.000	7.63	34.35	42.77	105.31	104.52	68.20	36.32	peak

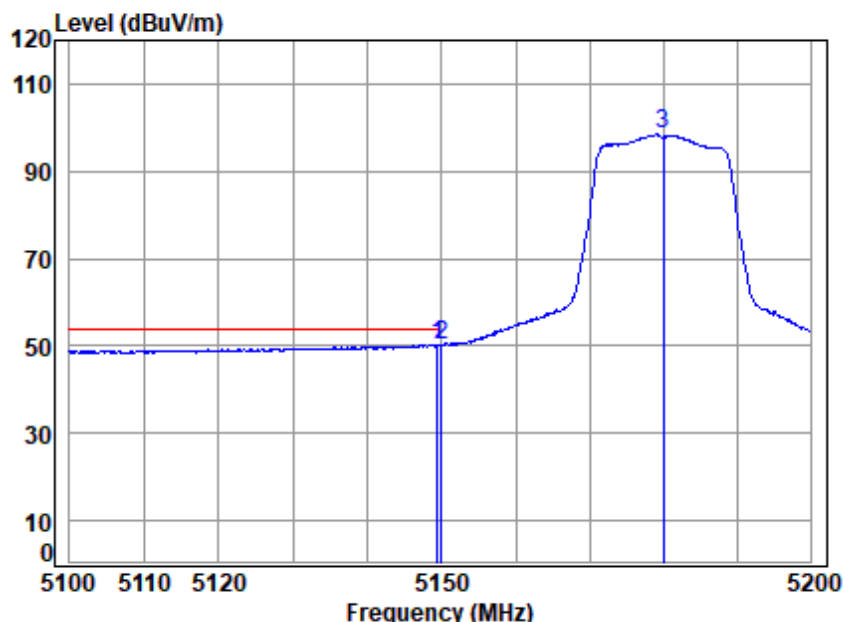


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Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5180 Band edge
: 5G WIFI 11N20

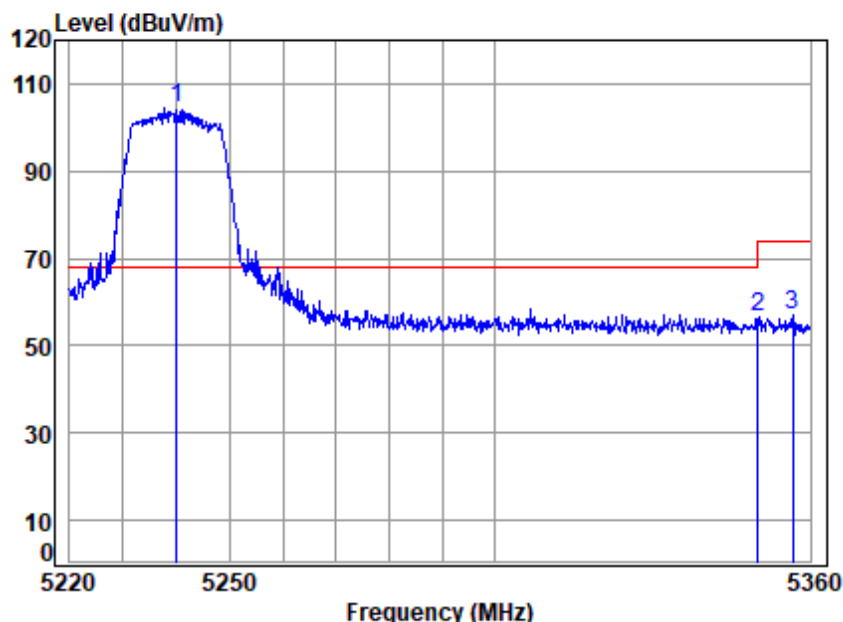
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.458	7.57	34.32	42.79	51.26	50.36	54.00	-3.64	Average
2	5149.980	7.57	34.32	42.79	51.21	50.31	54.00	-3.69	Average
3	5180.000	7.63	34.35	42.77	99.15	98.36	-----	-----	Average



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5240 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5240.000	7.73	34.40	42.73	105.22	104.62	68.20	36.42	peak
2 5350.020	7.92	34.48	42.66	56.84	56.58	74.00	-17.42	peak
3 5356.596	7.94	34.49	42.65	57.38	57.16	74.00	-16.84	peak

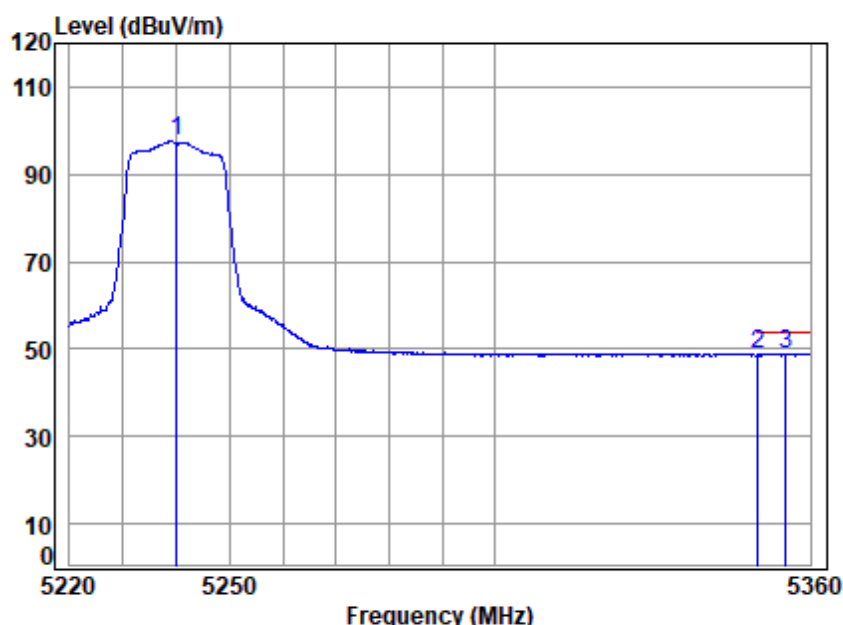


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Site : chamber
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: 5G WIFI 11N20

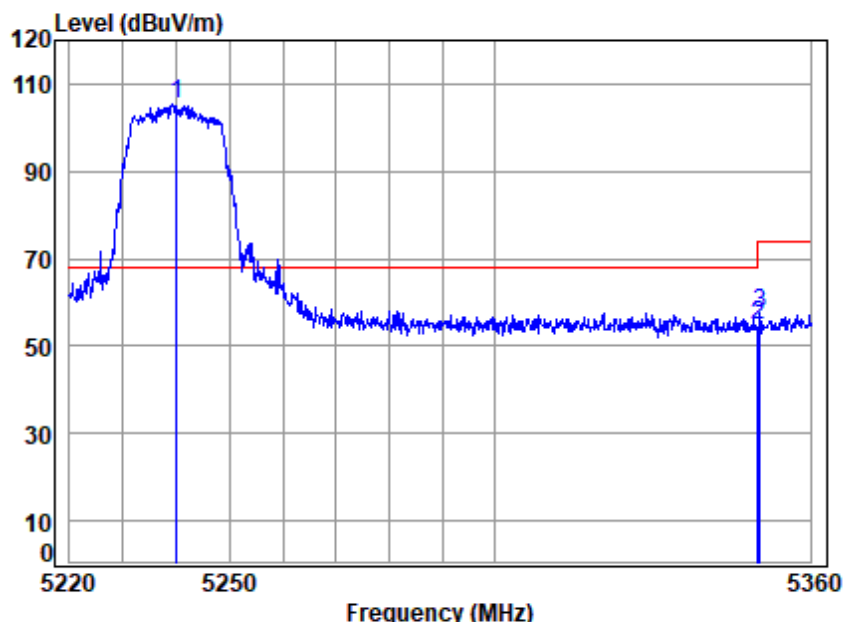
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	7.73	34.40	42.73	98.19	97.59	-----	-----	Average
2	5350.020	7.92	34.48	42.66	48.90	48.64	54.00	-5.36	Average
3	5355.321	7.93	34.49	42.65	49.20	48.97	54.00	-5.03	Average



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5240 Band edge
: 5G WIFI 11N20

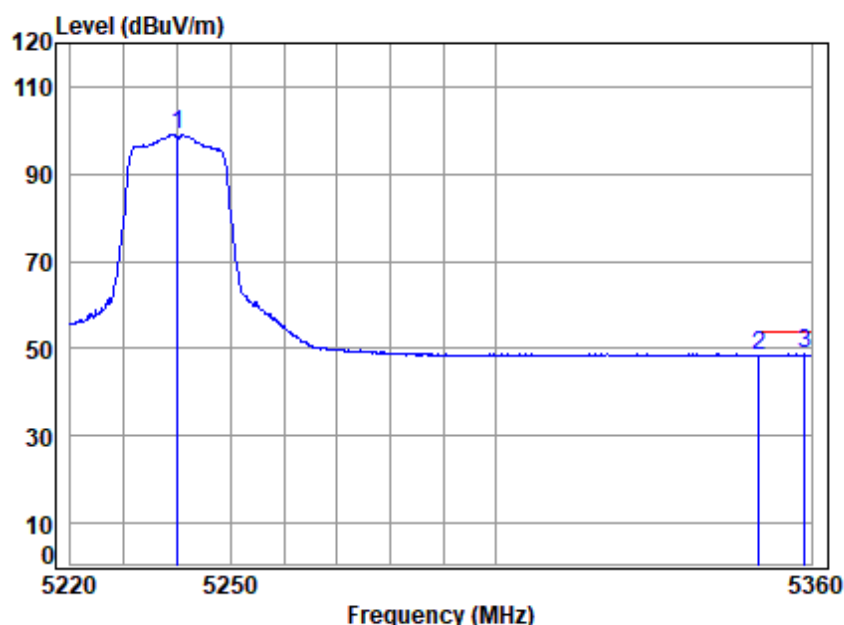
	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5240.000	7.73	34.40	42.73	106.09	105.49	68.20	37.29	peak
2 5350.020	7.92	34.48	42.66	54.88	54.62	74.00	-19.38	peak
3 5350.362	7.93	34.48	42.66	57.75	57.50	74.00	-16.50	peak



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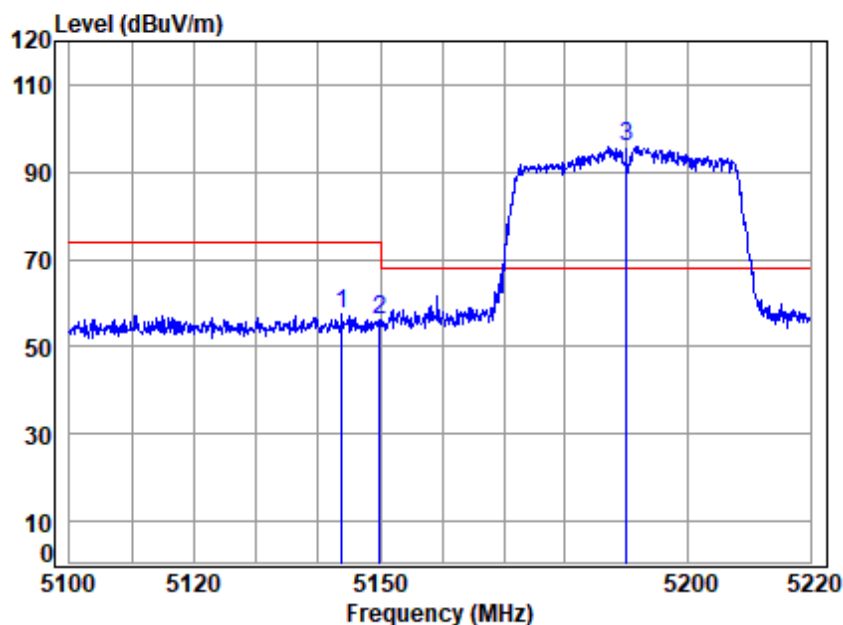
Mode:I; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5240 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5240.000	7.73	34.40	42.73	99.55	98.95	-----	----- Average
2	5350.020	7.92	34.48	42.66	48.65	48.39	54.00	-5.61 Average
3	5358.724	7.94	34.49	42.65	48.87	48.65	54.00	-5.35 Average

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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5190 Band edge
: 5G WIFI 11N40

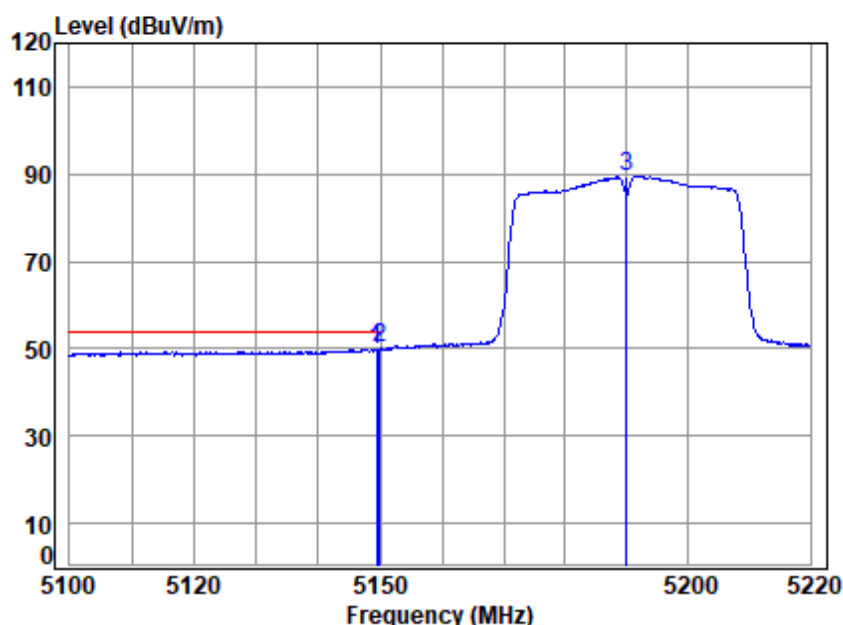
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5143.836	7.56	34.32	42.80	58.22	57.30	74.00	-16.70	peak
2	5149.980	7.57	34.32	42.79	56.87	55.97	74.00	-18.03	peak
3 *	5190.000	7.64	34.36	42.77	96.58	95.81	68.20	27.61	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5190 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.461	7.57	34.32	42.79	50.81	49.91	54.00	-4.09 Average
2	5149.980	7.57	34.32	42.79	51.26	50.36	54.00	-3.64 Average
3	5190.000	7.64	34.36	42.77	90.19	89.42	-----	----- Average



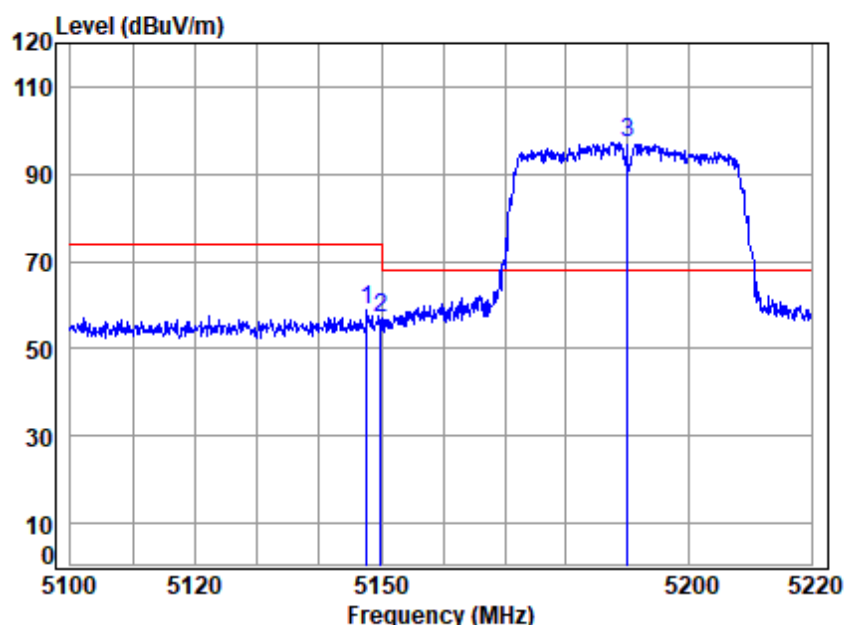
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Mode:l; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5190 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.666	7.57	34.32	42.79	59.61	58.71	74.00	-15.29	peak
2	5149.980	7.57	34.32	42.79	57.89	56.99	74.00	-17.01	peak
3 *	5190.000	7.64	34.36	42.77	98.09	97.32	68.20	29.12	peak



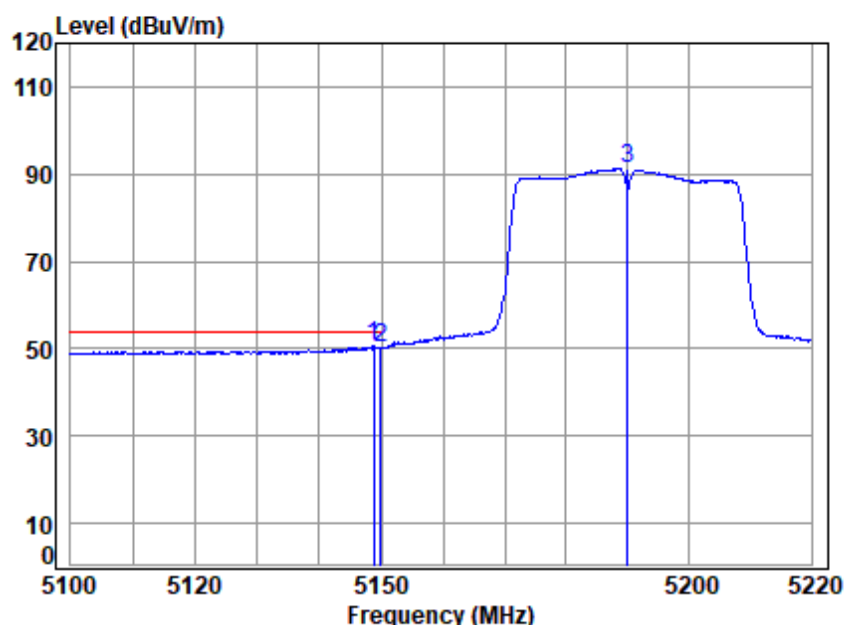
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Mode:l; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5190 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.743	7.57	34.32	42.79	51.43	50.53	54.00	-3.47 Average
2	5149.980	7.57	34.32	42.79	51.16	50.26	54.00	-3.74 Average
3	5190.000	7.64	34.36	42.77	91.92	91.15	-----	----- Average



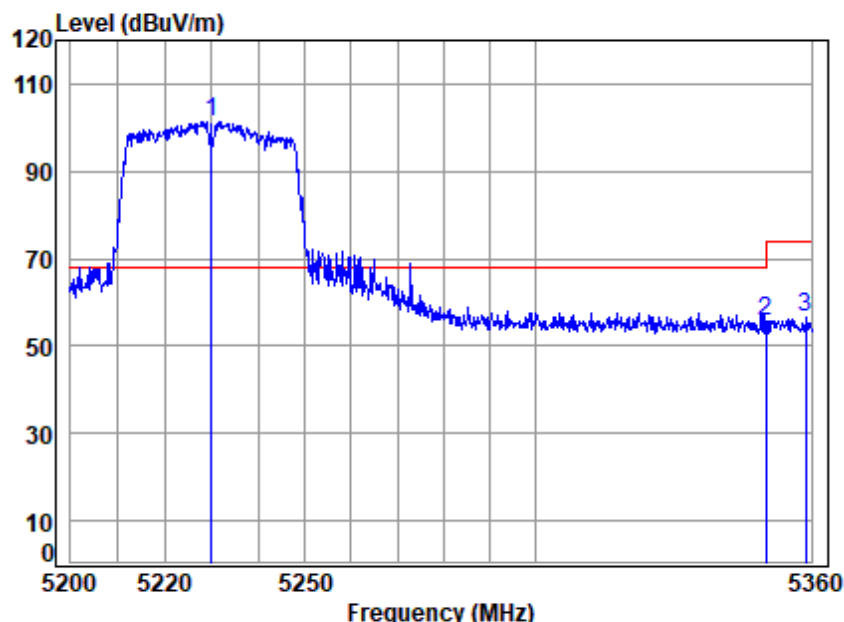
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Mode:l; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5230 Band edge
: 5G WIFI 11N40

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5230.000	7.72	34.39	42.74	102.03	101.40	68.20	33.20	peak
2 5350.020	7.92	34.48	42.66	55.84	55.58	74.00	-18.42	peak
3 5358.701	7.94	34.49	42.65	56.67	56.45	74.00	-17.55	peak



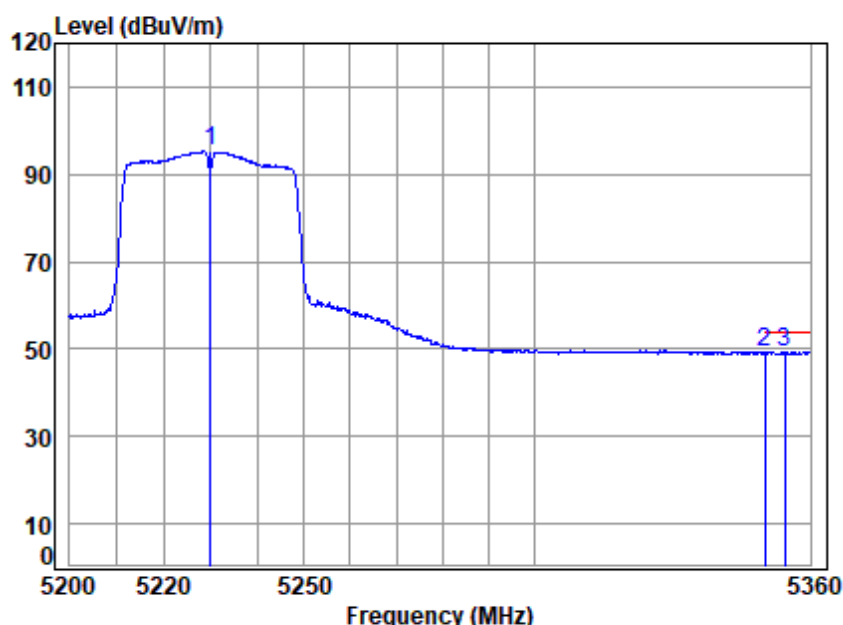
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Mode:l; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5230 Band edge
: 5G WIFI 11N40

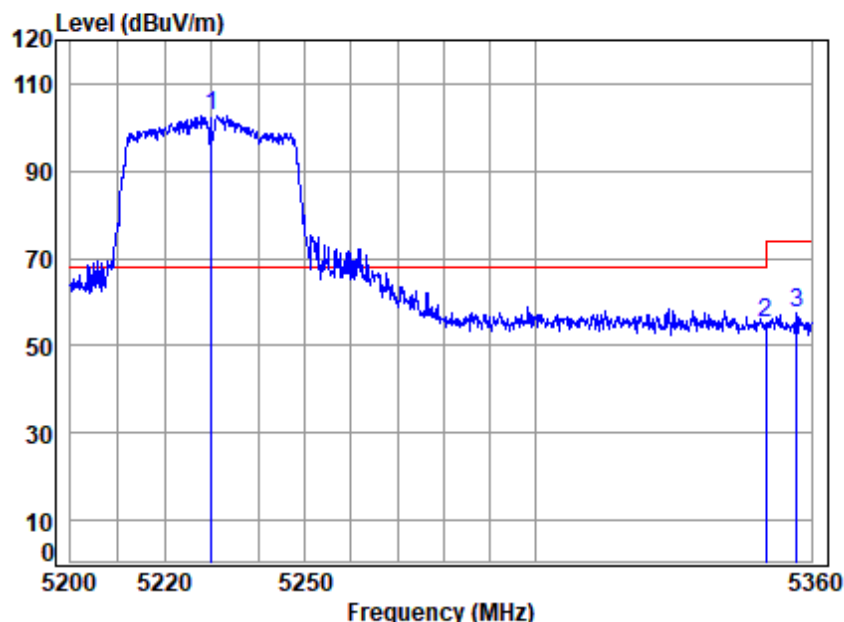
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5230.000	7.72	34.39	42.74	95.87	95.24	-----	----- Average
2	5350.020	7.92	34.48	42.66	49.33	49.07	54.00	-4.93 Average
3	5354.480	7.93	34.49	42.65	49.55	49.32	54.00	-4.68 Average



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5230 Band edge
: 5G WIFI 11N40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 * 5230.000	7.72	34.39	42.74	103.51	102.88	68.20	34.68 peak
2 5350.020	7.92	34.48	42.66	55.38	55.12	74.00	-18.88 peak
3 5356.915	7.94	34.49	42.65	57.72	57.50	74.00	-16.50 peak

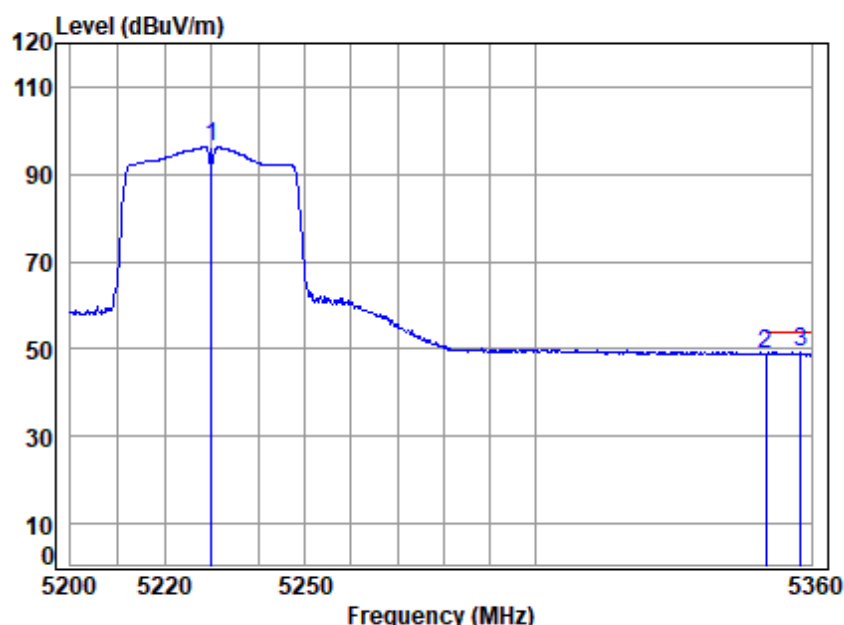


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Mode:I; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5230 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.000	7.72	34.39	42.74	96.95	96.32	-----	-----	Average
2	5350.020	7.92	34.48	42.66	49.27	49.01	54.00	-4.99	Average
3	5357.727	7.94	34.49	42.65	49.41	49.19	54.00	-4.81	Average



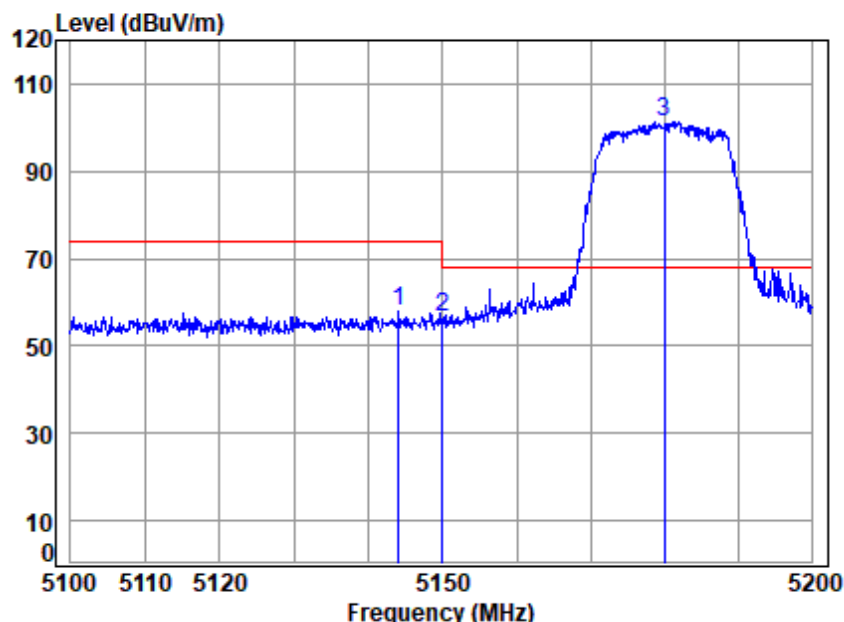
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Mode:l; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5180 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.061	7.56	34.32	42.80	58.90	57.98	74.00	-16.02	peak
2	5149.980	7.57	34.32	42.79	57.58	56.68	74.00	-17.32	peak
3 *	5180.000	7.63	34.35	42.77	102.30	101.51	68.20	33.31	peak



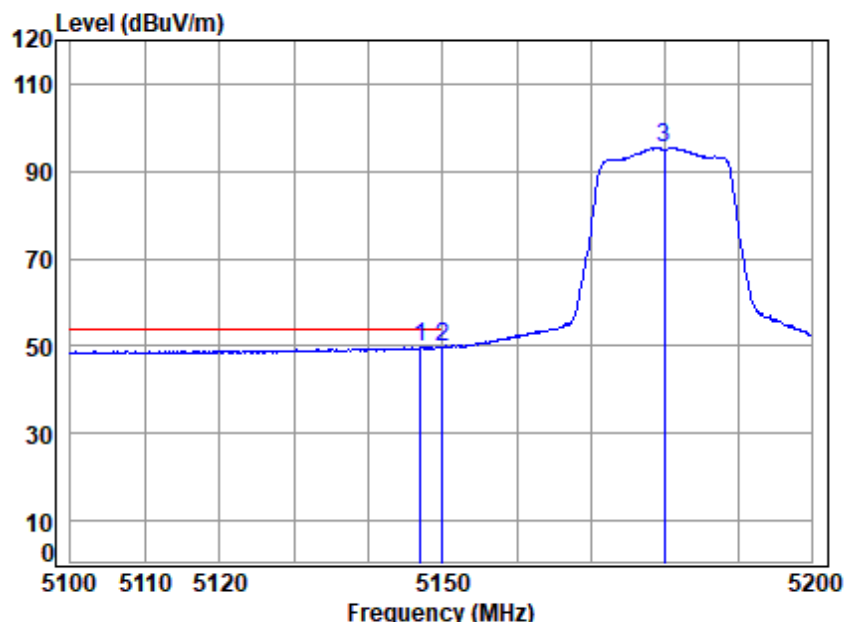
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Mode:l; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5180 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.058	7.57	34.32	42.80	50.65	49.74	54.00	-4.26	Average
2	5149.980	7.57	34.32	42.79	50.72	49.82	54.00	-4.18	Average
3	5180.000	7.63	34.35	42.77	96.30	95.51	-----	-----	Average



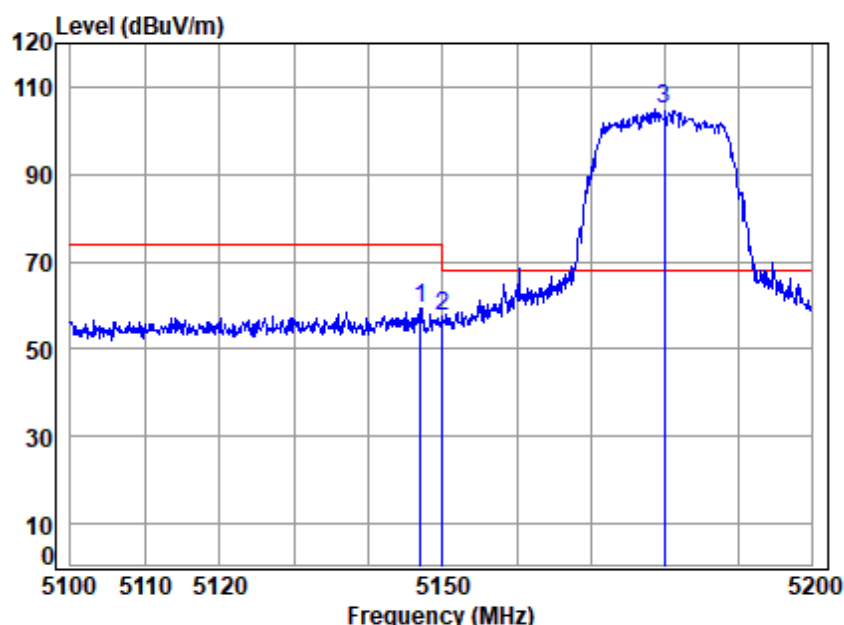
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Mode:I; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:Low

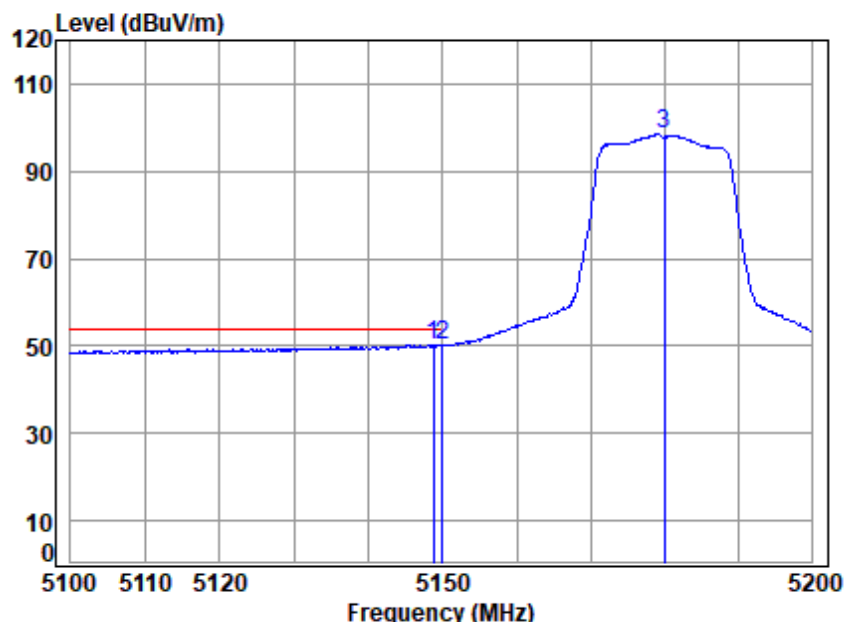


Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5180 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.058	7.57	34.32	42.80	60.12	59.21	74.00	-14.79	peak
2	5149.980	7.57	34.32	42.79	58.36	57.46	74.00	-16.54	peak
3 *	5180.000	7.63	34.35	42.77	105.55	104.76	68.20	36.56	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5180 Band edge
: 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamplifier Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.757	7.57	34.32	42.79	51.12	50.22	54.00	-3.78	Average
2	5149.980	7.57	34.32	42.79	51.20	50.30	54.00	-3.70	Average
3	5180.000	7.63	34.35	42.77	99.18	98.39	-----	-----	Average



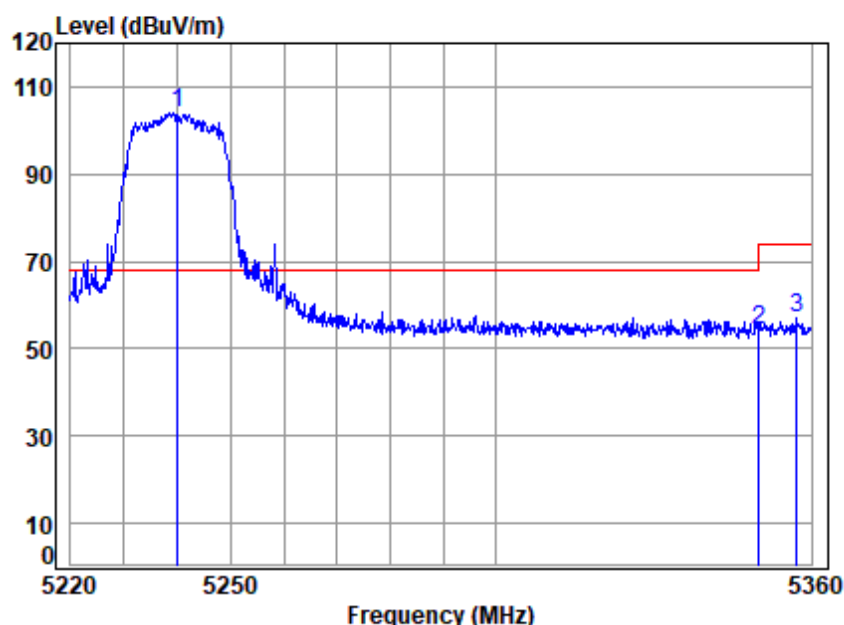
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Mode:l; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5240 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5240.000	7.73	34.40	42.73	104.62	104.02	68.20	35.82	peak
2 5350.020	7.92	34.48	42.66	54.71	54.45	74.00	-19.55	peak
3 5357.164	7.94	34.49	42.65	57.36	57.14	74.00	-16.86	peak



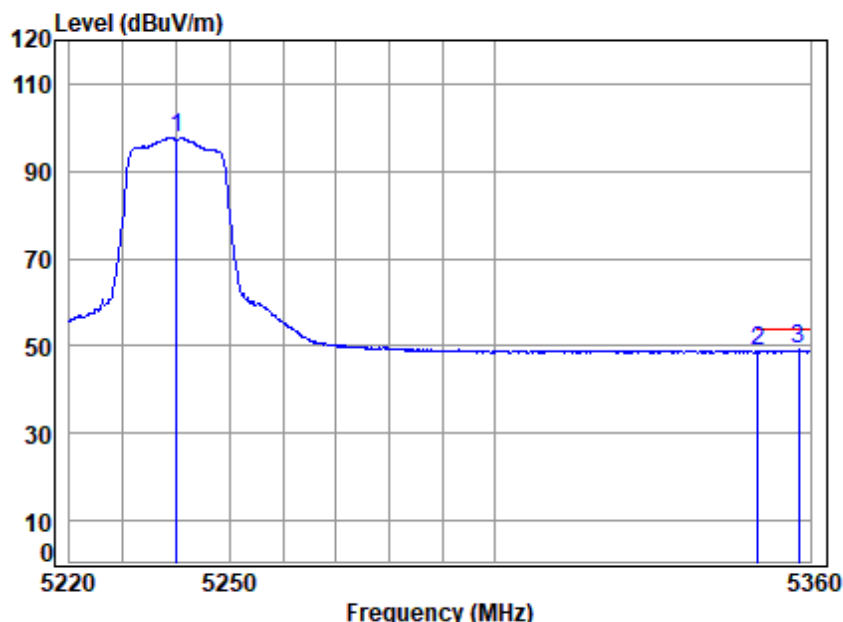
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Mode:l; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5240 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	7.73	34.40	42.73	98.44	97.84	-----	-----	Average
2	5350.020	7.92	34.48	42.66	48.98	48.72	54.00	-5.28	Average
3	5357.873	7.94	34.49	42.65	49.32	49.10	54.00	-4.90	Average



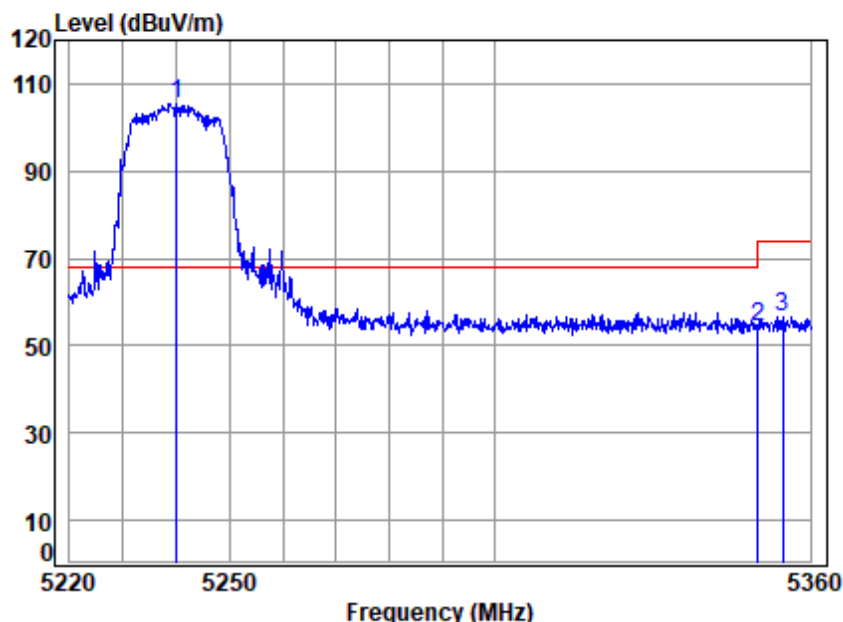
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Mode:l; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5240 Band edge
: 5G WIFI 11AC20

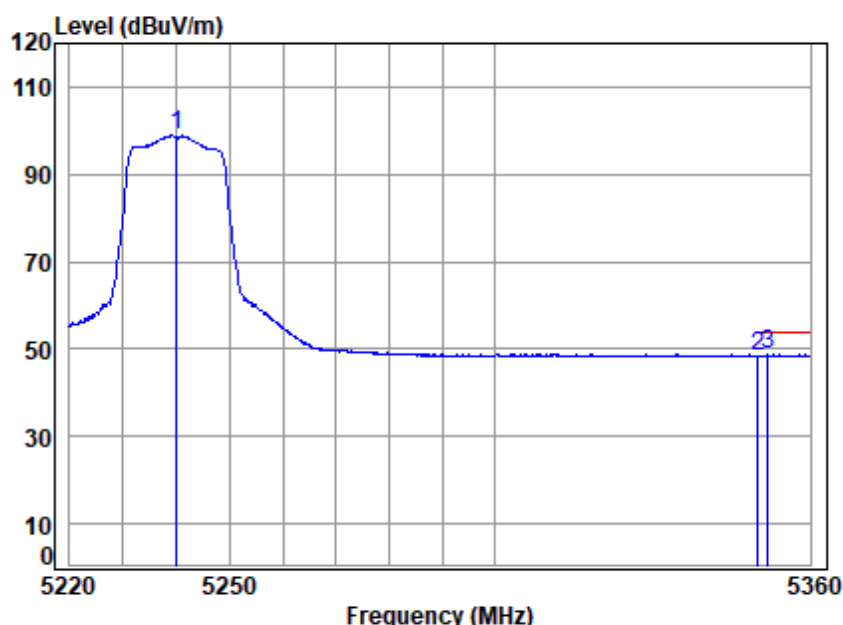
	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5240.000	7.73	34.40	42.73	106.00	105.40	68.20	37.20	peak
2 5350.020	7.92	34.48	42.66	54.50	54.24	74.00	-19.76	peak
3 5354.754	7.93	34.49	42.65	57.00	56.77	74.00	-17.23	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5240 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5240.000	7.73	34.40	42.73	99.45	98.85	-----	----- Average
2	5350.020	7.92	34.48	42.66	48.64	48.38	54.00	-5.62 Average
3	5351.920	7.93	34.49	42.65	48.96	48.73	54.00	-5.27 Average

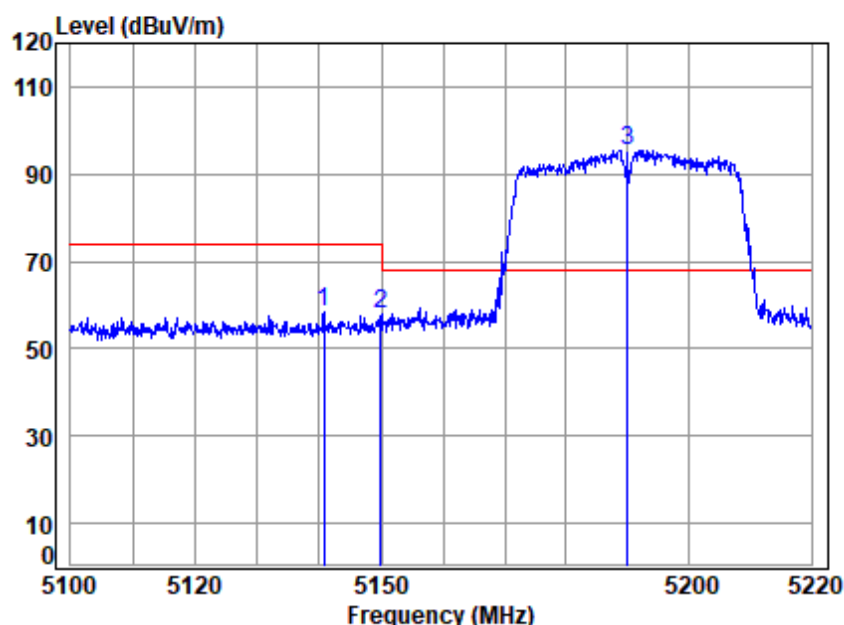


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Mode:l; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5190 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5140.727	7.56	34.32	42.80	59.28	58.36	74.00	-15.64	peak
2	5149.980	7.57	34.32	42.79	58.98	58.08	74.00	-15.92	peak
3 *	5190.000	7.64	34.36	42.77	96.22	95.45	68.20	27.25	peak



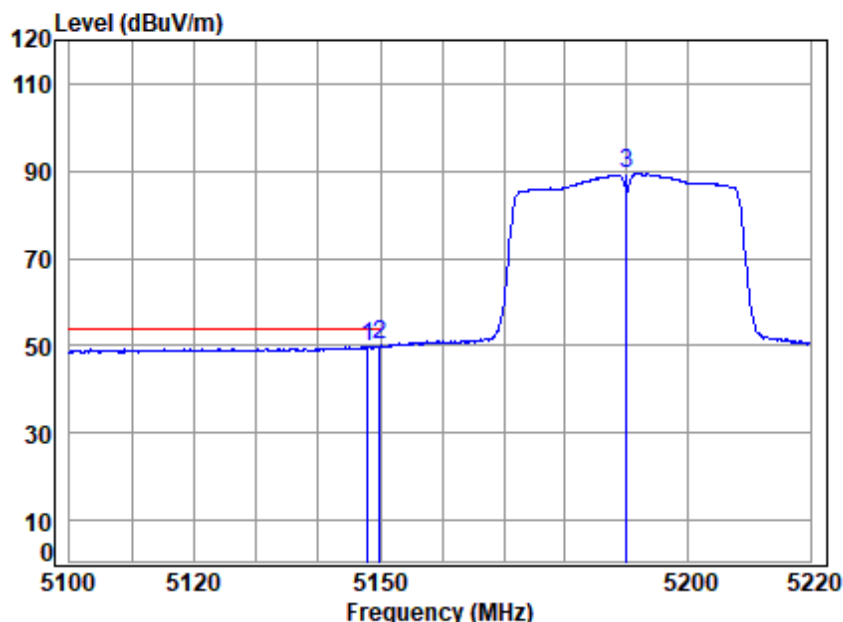
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Mode:l; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5190 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.024	7.57	34.32	42.79	50.83	49.93	54.00	-4.07 Average
2	5149.980	7.57	34.32	42.79	50.92	50.02	54.00	-3.98 Average
3	5190.000	7.64	34.36	42.77	90.20	89.43	-----	----- Average



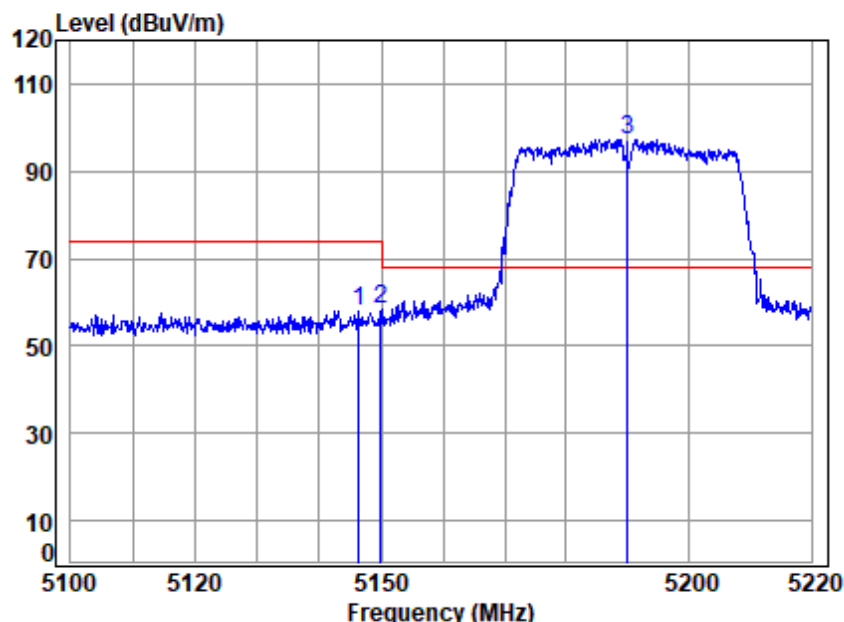
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Mode:l; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5190 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.349	7.57	34.32	42.80	58.85	57.94	74.00	-16.06	peak
2	5149.980	7.57	34.32	42.79	59.18	58.28	74.00	-15.72	peak
3 *	5190.000	7.64	34.36	42.77	98.16	97.39	68.20	29.19	peak



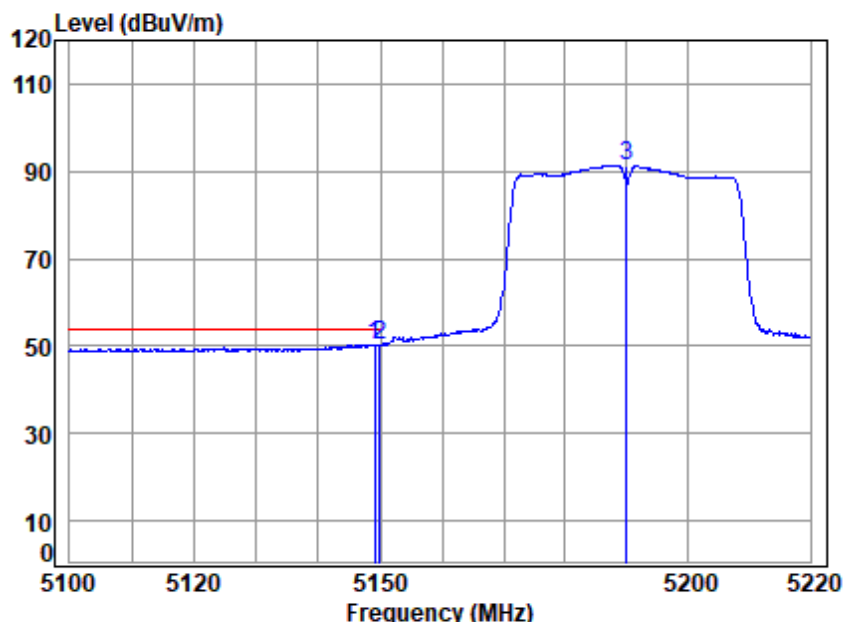
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Mode:l; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5190 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.102	7.57	34.32	42.79	51.24	50.34	54.00	-3.66 Average
2	5149.980	7.57	34.32	42.79	51.26	50.36	54.00	-3.64 Average
3	5190.000	7.64	34.36	42.77	92.10	91.33	-----	----- Average

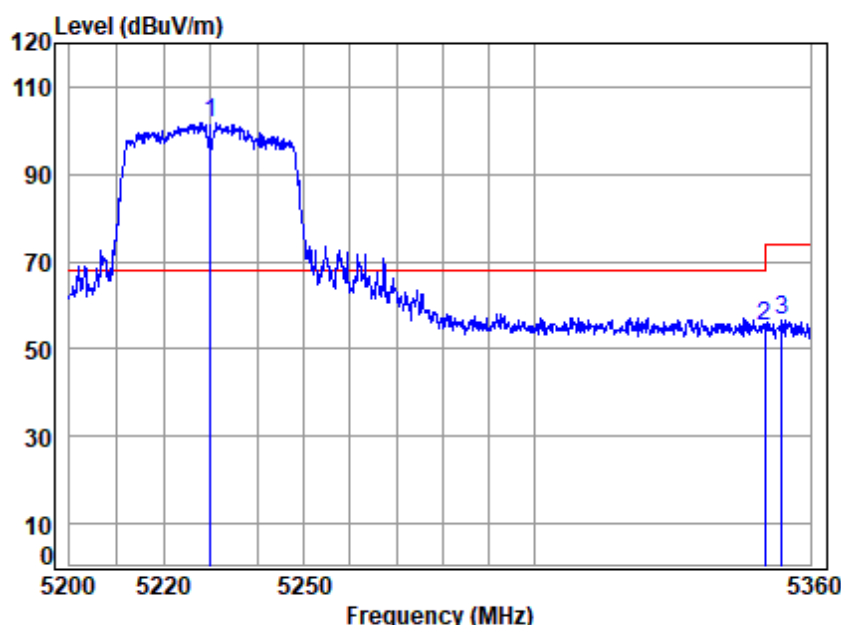


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Mode:l; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5230 Band edge
: 5G WIFI 11AC40

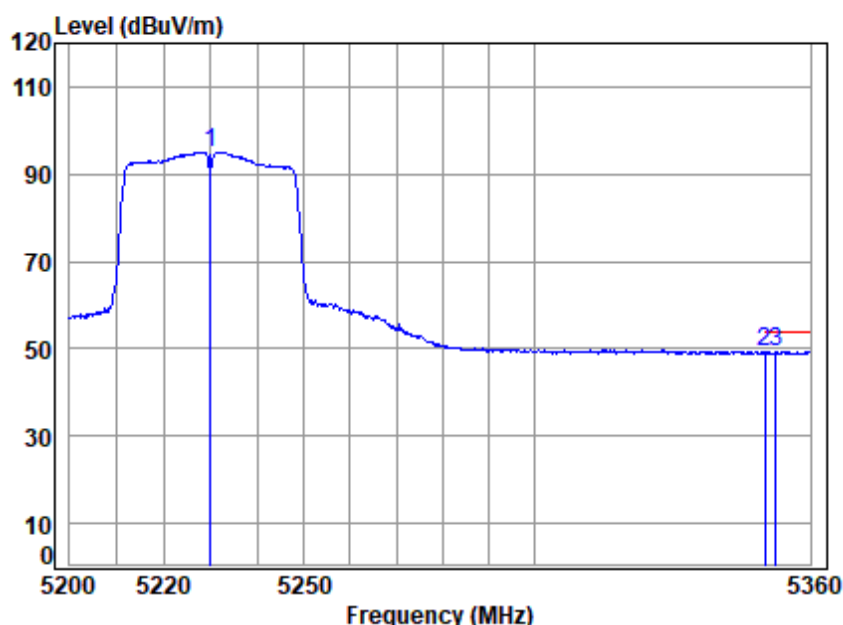
	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5230.000	7.72	34.39	42.74	102.34	101.71	68.20	33.51	peak
2 5350.020	7.92	34.48	42.66	55.25	54.99	74.00	-19.01	peak
3 5353.831	7.93	34.49	42.65	56.92	56.69	74.00	-17.31	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5230 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.000	7.72	34.39	42.74	95.71	95.08	-----	-----	Average
2	5350.020	7.92	34.48	42.66	49.52	49.26	54.00	-4.74	Average
3	5352.371	7.93	34.49	42.65	49.47	49.24	54.00	-4.76	Average

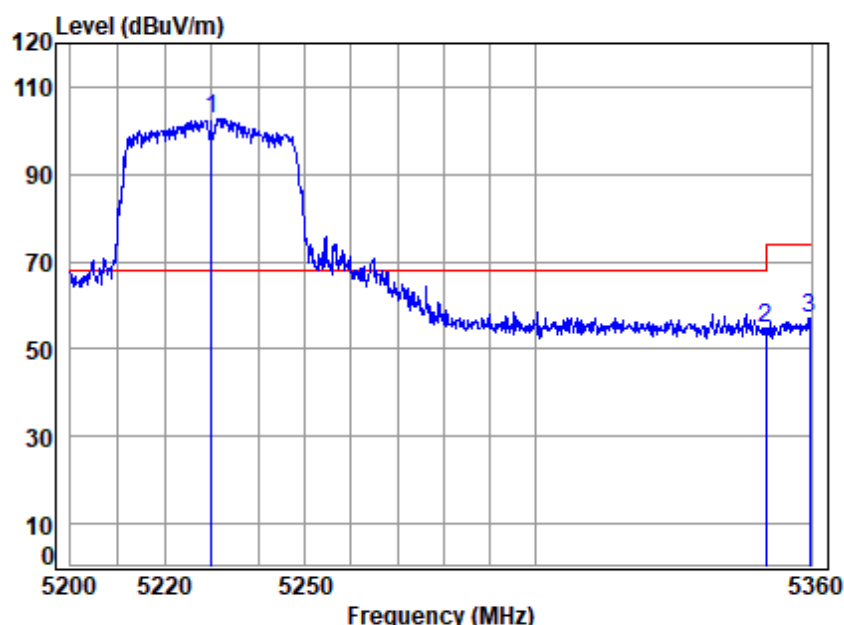


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Mode:l; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5230 Band edge
: 5G WIFI 11AC40

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5230.000	7.72	34.39	42.74	103.36	102.73	68.20	34.53	peak
2 5350.020	7.92	34.48	42.66	55.05	54.79	74.00	-19.21	peak
3 5359.675	7.94	34.49	42.65	57.39	57.17	74.00	-16.83	peak



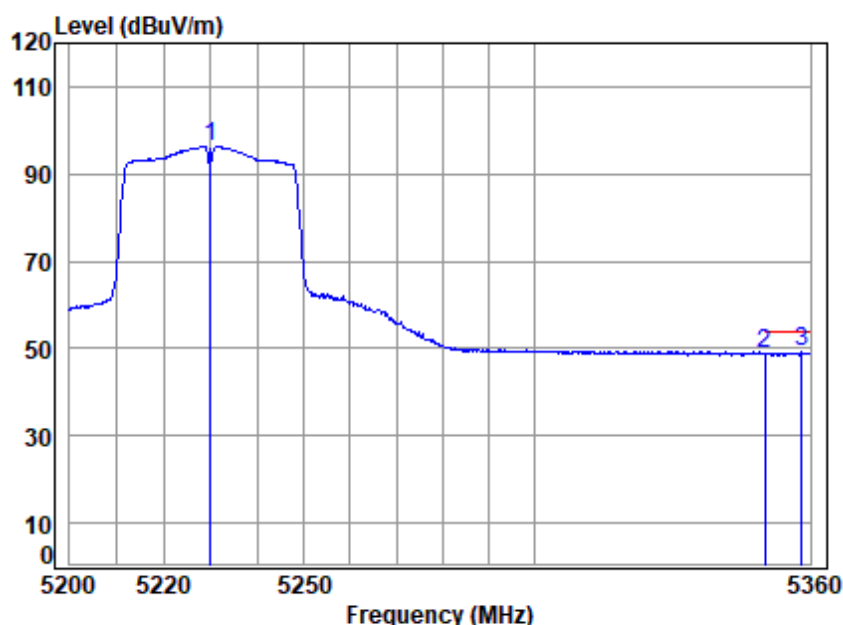
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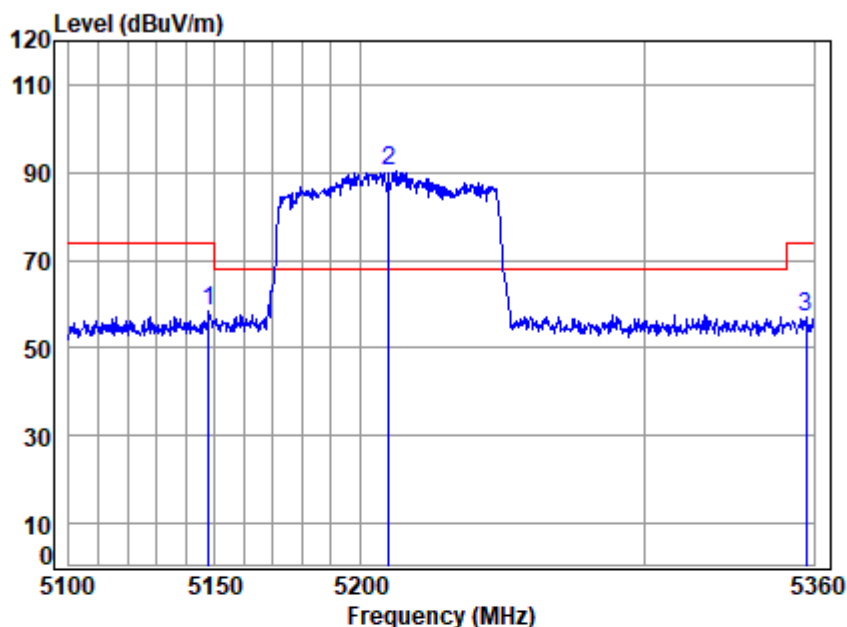
Mode:l; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5230 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.000	7.72	34.39	42.74	96.99	96.36	-----	-----	Average
2	5350.020	7.92	34.48	42.66	49.14	48.88	54.00	-5.12	Average
3	5358.213	7.94	34.49	42.65	49.28	49.06	54.00	-4.94	Average

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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5210 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5147.898	7.57	34.32	42.79	59.35	58.45	74.00	-15.55 peak
2 *	5210.000	7.68	34.37	42.75	90.83	90.13	68.20	21.93 peak
3	5357.335	7.94	34.49	42.65	57.07	56.85	74.00	-17.15 peak



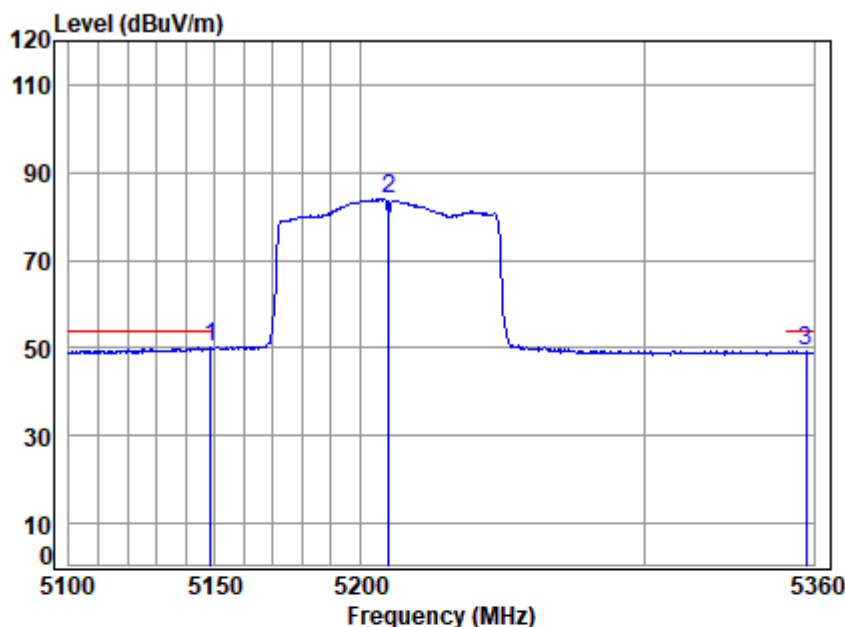
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Mode:I; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5210 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.410	7.57	34.32	42.79	51.19	50.29	54.00	-3.71 Average
2	5210.000	7.68	34.37	42.75	84.69	83.99	-----	----- Average
3	5357.335	7.94	34.49	42.65	49.33	49.11	54.00	-4.89 Average

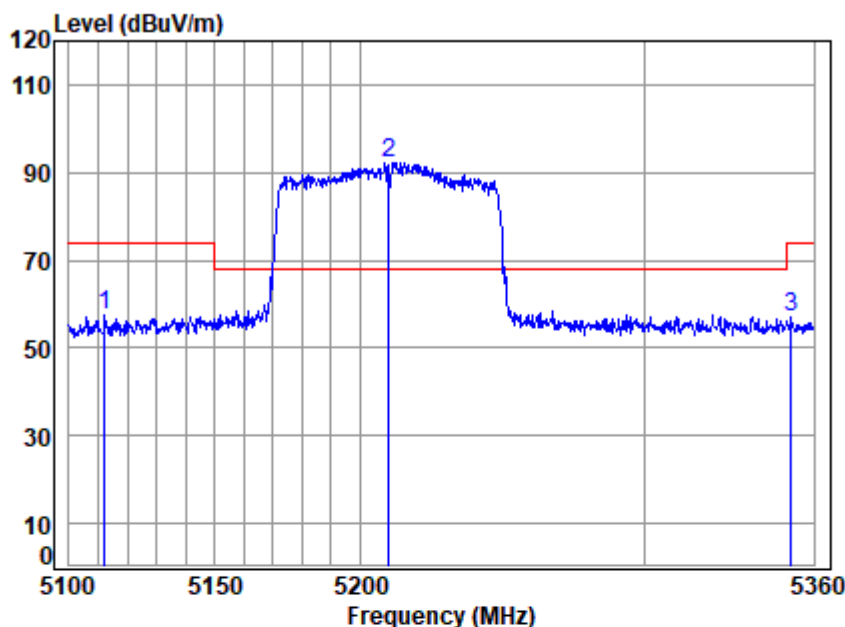


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Mode:I; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel: middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5210 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5112.187	7.50	34.29	42.82	58.57	57.54	74.00	-16.46 peak
2 *	5210.000	7.68	34.37	42.75	93.07	92.37	68.20	24.17 peak
3	5352.010	7.93	34.49	42.65	57.33	57.10	74.00	-16.90 peak

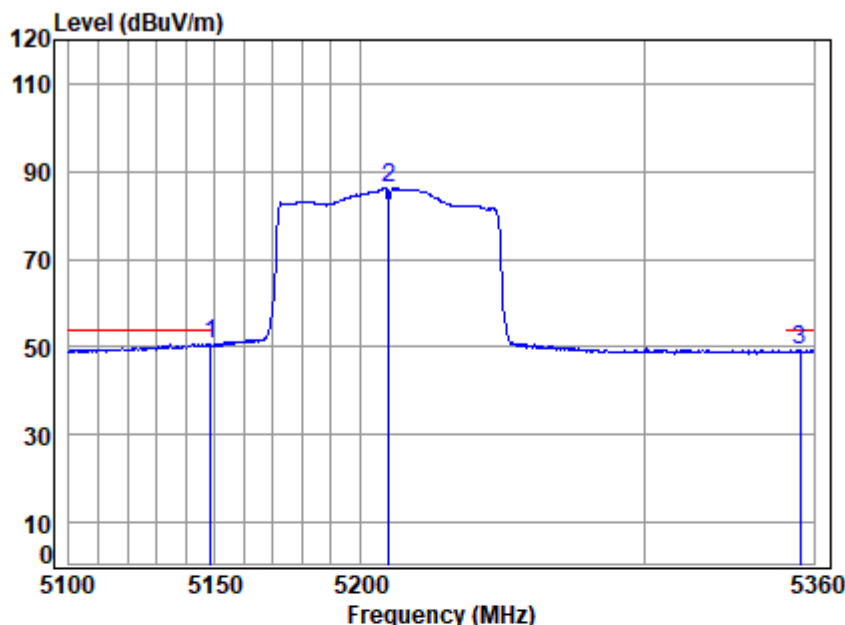


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Mode:I; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel: middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5210 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.410	7.57	34.32	42.79	51.74	50.84	54.00	-3.16 Average
2	5210.000	7.68	34.37	42.75	86.92	86.22	-----	----- Average
3	5355.205	7.93	34.49	42.65	49.57	49.34	54.00	-4.66 Average

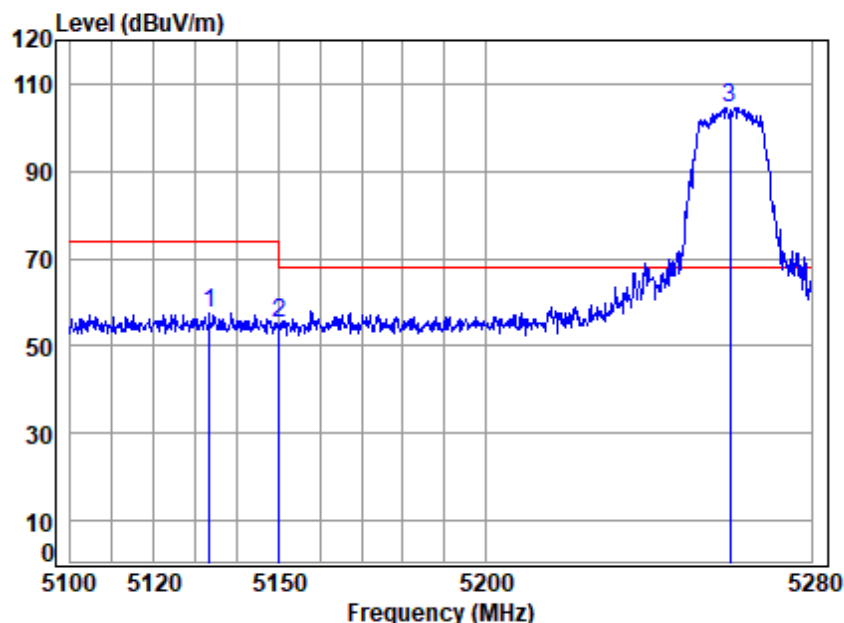


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Mode:m; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5260 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5133.187	7.54	34.31	42.80	58.62	57.67	74.00	-16.33	peak
2	5149.980	7.57	34.32	42.79	56.30	55.40	74.00	-18.60	peak
3 *	5260.000	7.77	34.41	42.72	105.25	104.71	68.20	36.51	peak



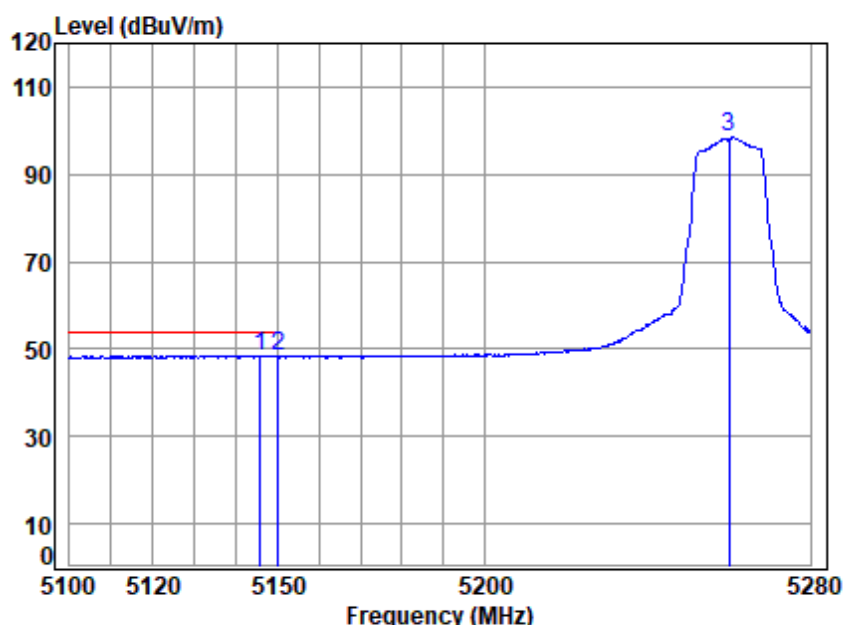
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Mode:m; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5260 Band edge
: 5G WIFI 11A

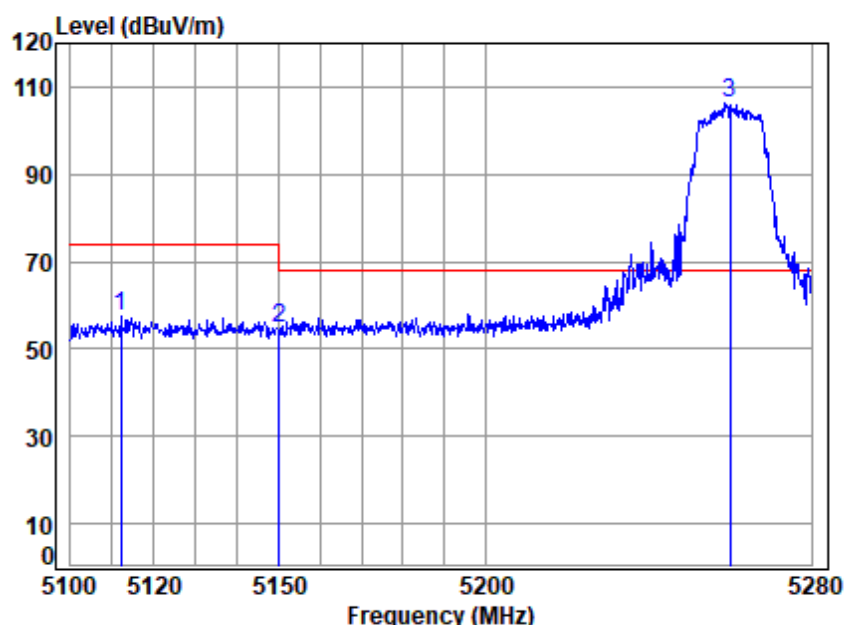
		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.844	7.57	34.32	42.80	49.39	48.48	54.00	-5.52 Average
2	5149.980	7.57	34.32	42.79	49.26	48.36	54.00	-5.64 Average
3	5260.000	7.77	34.41	42.72	98.96	98.42	-----	----- Average



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5260 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5112.043	7.50	34.29	42.82	58.54	57.51	74.00	-16.49	peak
2	5149.980	7.57	34.32	42.79	55.62	54.72	74.00	-19.28	peak
3 *	5260.000	7.77	34.41	42.72	106.71	106.17	68.20	37.97	peak



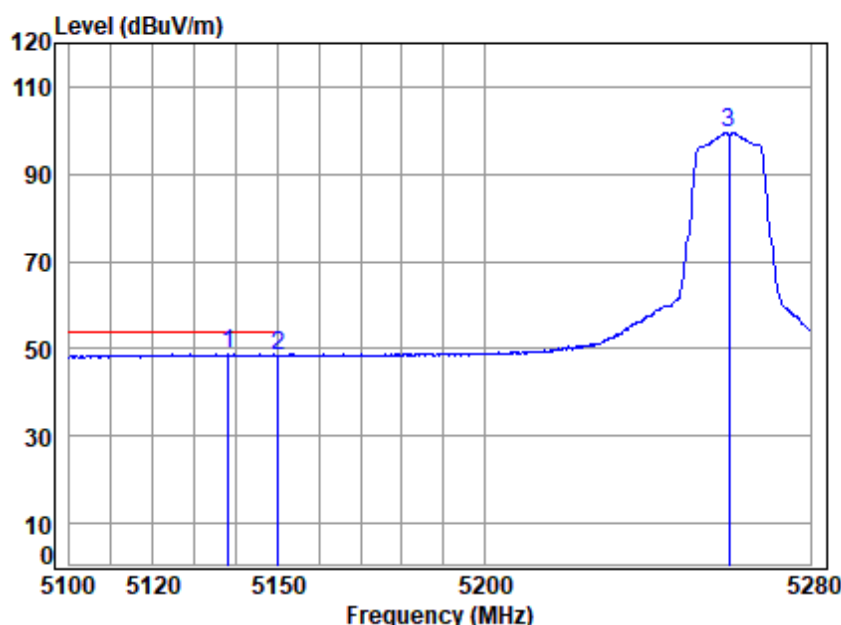
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Mode:m; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5260 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5137.997	7.55	34.31	42.80	49.68	48.74	54.00	-5.26 Average
2	5149.980	7.57	34.32	42.79	49.48	48.58	54.00	-5.42 Average
3	5260.000	7.77	34.41	42.72	100.01	99.47	-----	----- Average

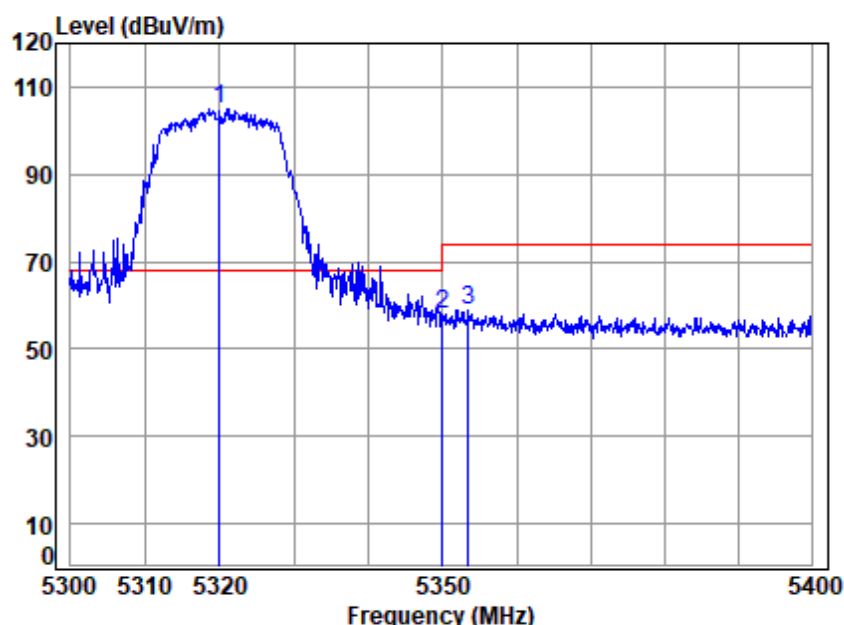


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Mode:m; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5320 Band edge
: 5G WIFI 11A

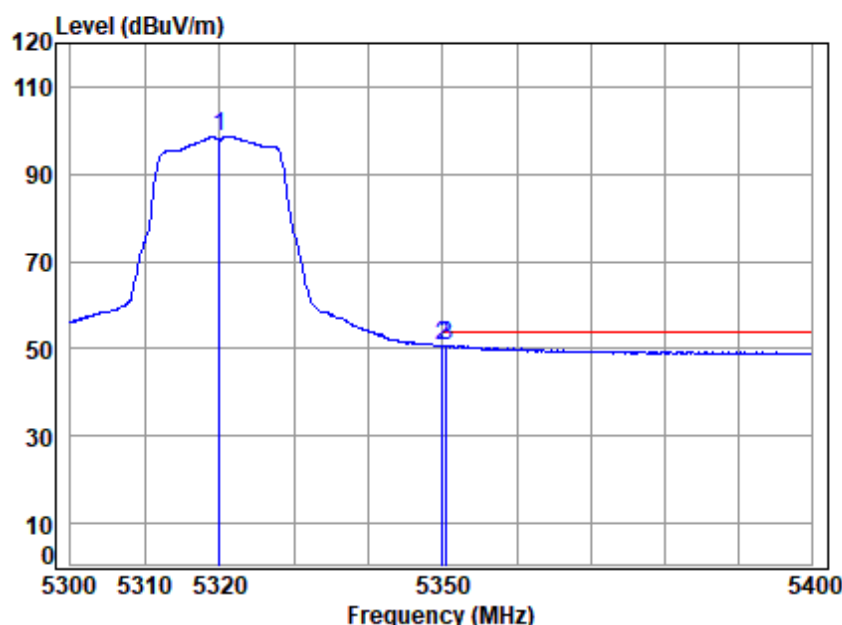
		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5320.000	7.87	34.46	42.68	105.48	105.13	68.20	36.93	peak
2	5350.020	7.92	34.48	42.66	58.08	57.82	74.00	-16.18	peak
3	5353.468	7.93	34.49	42.65	59.16	58.93	74.00	-15.07	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5320 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	7.87	34.46	42.68	99.06	98.71	-----	-----	Average
2	5350.020	7.92	34.48	42.66	51.11	50.85	54.00	-3.15	Average
3	5350.566	7.93	34.48	42.65	50.92	50.68	54.00	-3.32	Average



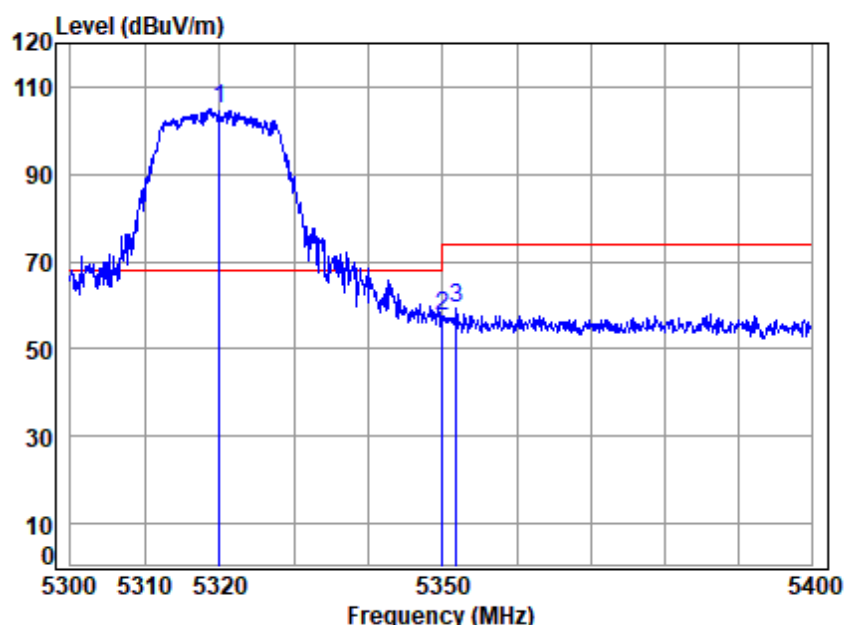
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Mode:m; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5320 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5320.000	7.87	34.46	42.68	105.17	104.82	68.20	36.62	peak
2 5350.020	7.92	34.48	42.66	57.76	57.50	74.00	-16.50	peak
3 5351.867	7.93	34.49	42.65	59.43	59.20	74.00	-14.80	peak



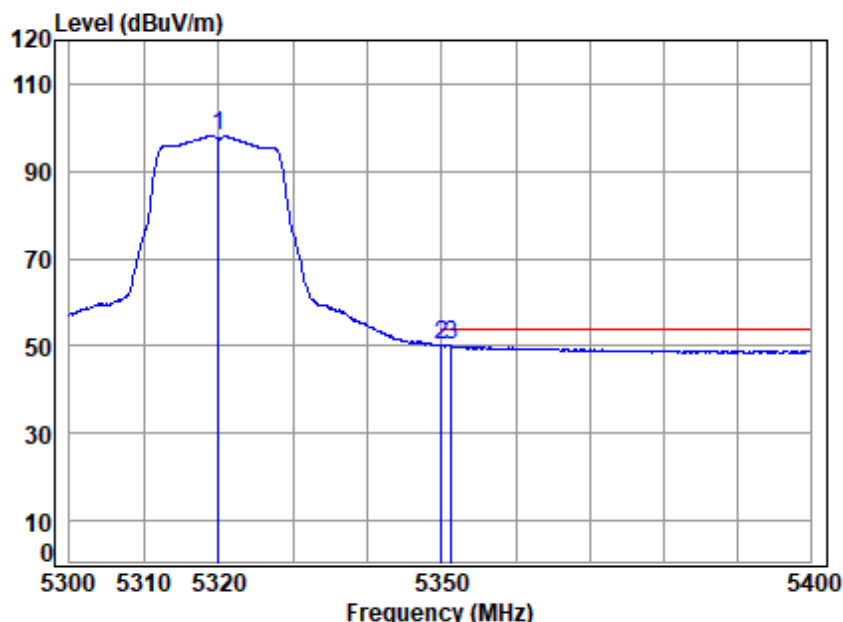
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Mode:m; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5320 Band edge
: 5G WIFI 11A

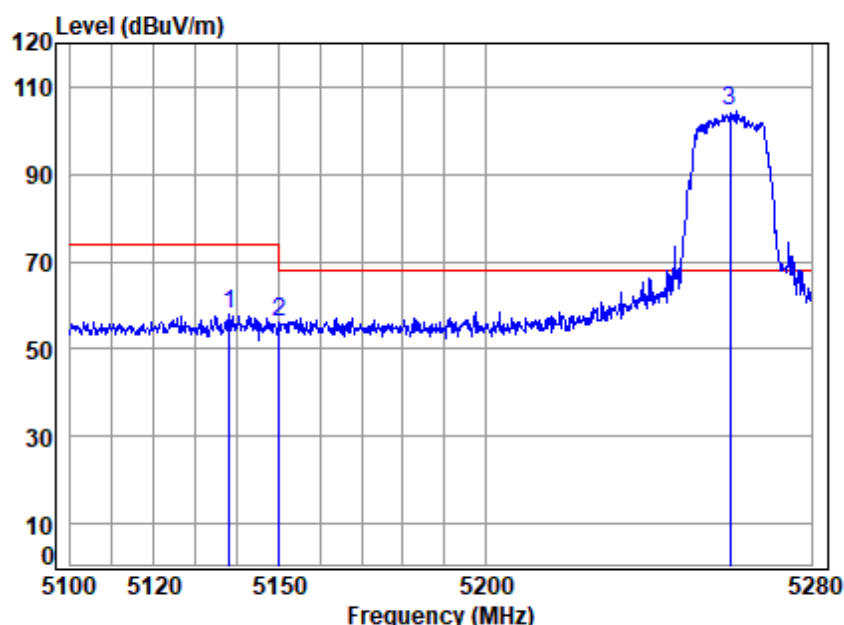
		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	7.87	34.46	42.68	98.50	98.15	-----	-----	Average
2	5350.020	7.92	34.48	42.66	50.48	50.22	54.00	-3.78	Average
3	5351.267	7.93	34.48	42.65	50.41	50.17	54.00	-3.83	Average



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5260 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.175	7.55	34.31	42.80	58.88	57.94	74.00	-16.06	peak
2	5149.980	7.57	34.32	42.79	56.83	55.93	74.00	-18.07	peak
3 *	5260.000	7.77	34.41	42.72	105.03	104.49	68.20	36.29	peak



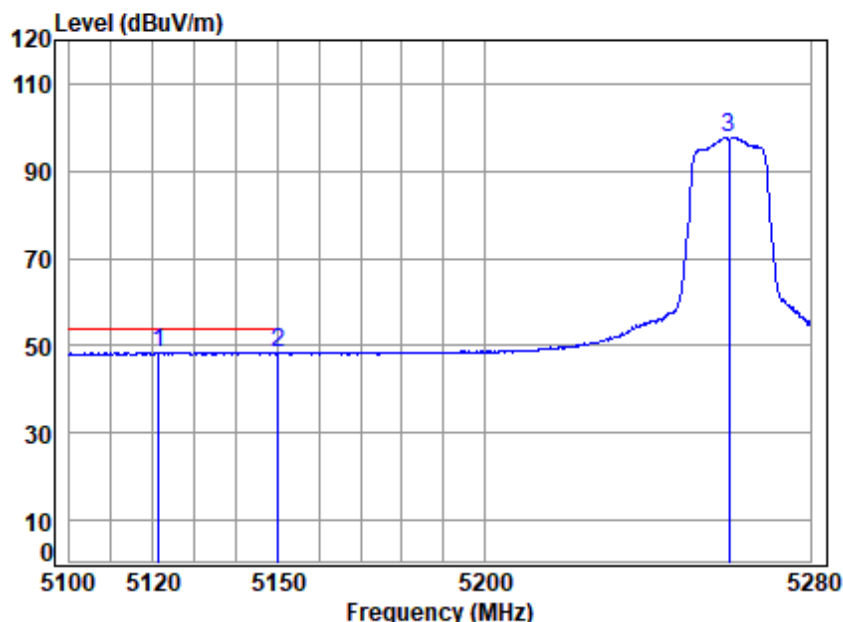
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Mode:m; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:Low

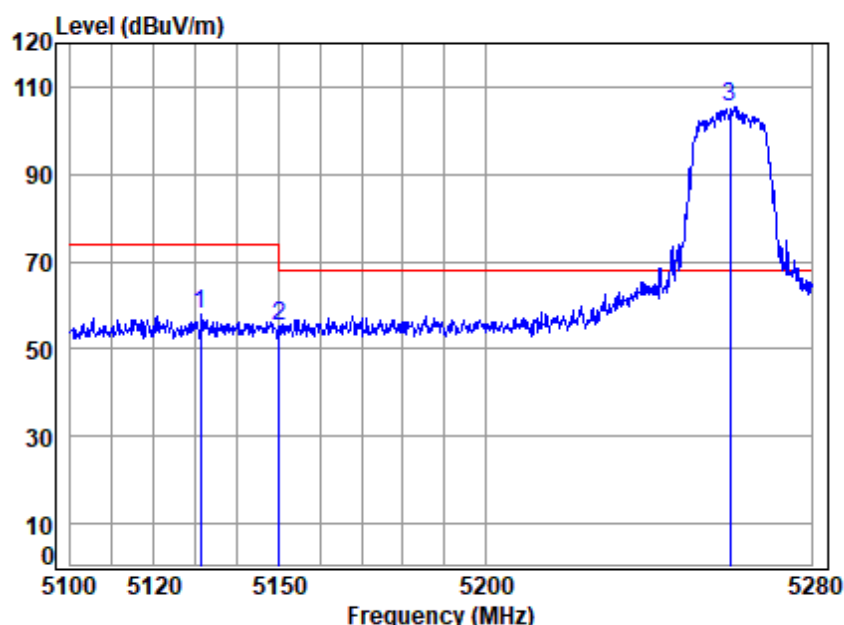


Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5260 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5121.449	7.52	34.30	42.81	49.52	48.53	54.00	-5.47	Average
2	5149.980	7.57	34.32	42.79	49.07	48.17	54.00	-5.83	Average
3	5260.000	7.77	34.41	42.72	98.35	97.81	-----	-----	Average



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5260 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5131.229	7.54	34.31	42.81	58.92	57.96	74.00	-16.04	peak
2	5149.980	7.57	34.32	42.79	56.16	55.26	74.00	-18.74	peak
3 *	5260.000	7.77	34.41	42.72	106.01	105.47	68.20	37.27	peak



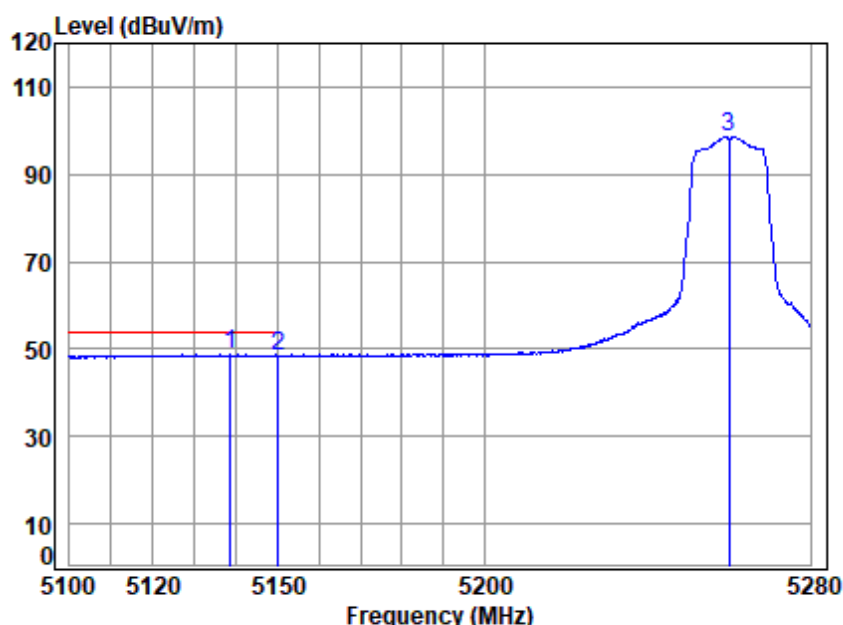
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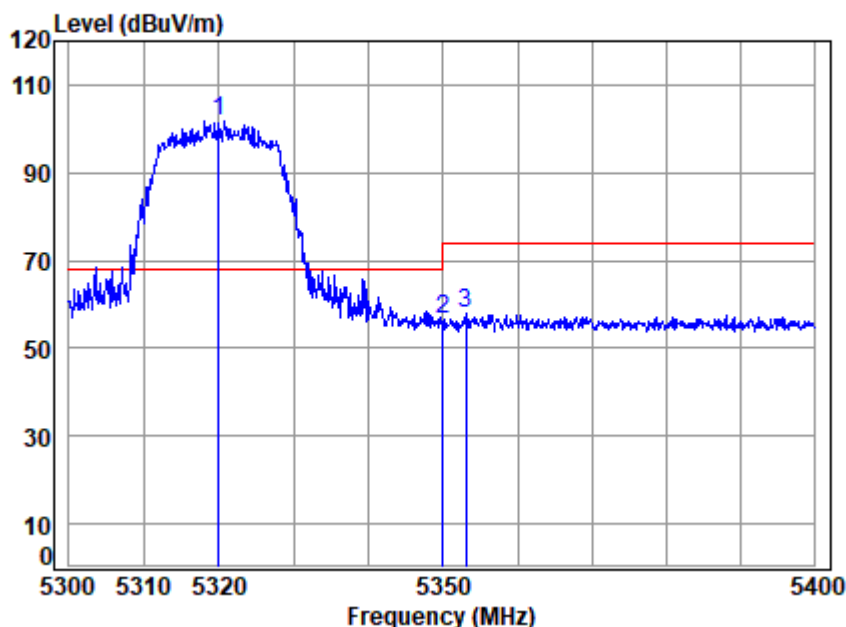


Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5260 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.531	7.55	34.31	42.80	49.67	48.73	54.00	-5.27	Average
2	5149.980	7.57	34.32	42.79	49.35	48.45	54.00	-5.55	Average
3	5260.000	7.77	34.41	42.72	99.24	98.70	-----	-----	Average



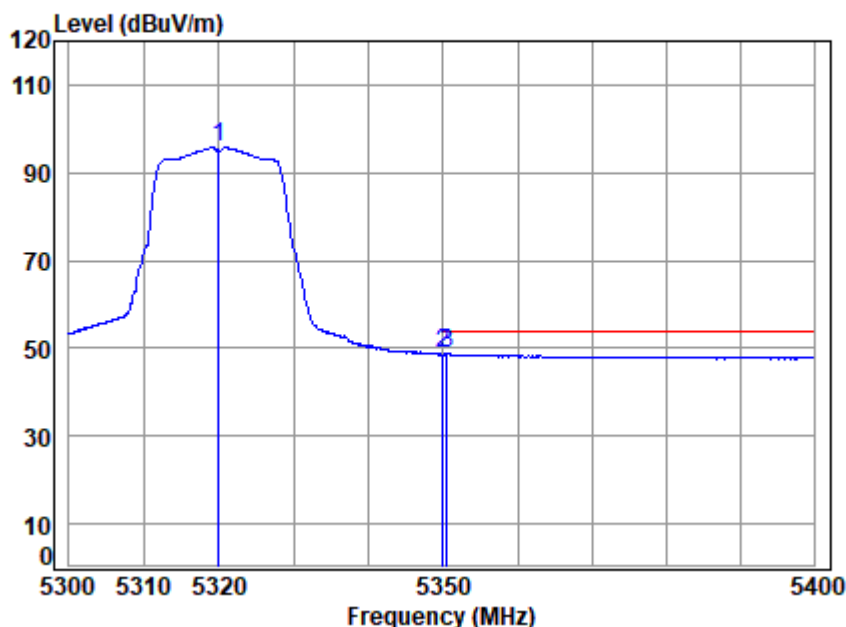
Mode:m; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5320 Band edge
: 5G WIFI 11N20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5320.000	7.87	34.46	42.68	102.23	101.88	68.20	33.68	peak
2 5350.020	7.92	34.48	42.66	56.99	56.73	74.00	-17.27	peak
3 5353.067	7.93	34.49	42.65	58.06	57.83	74.00	-16.17	peak

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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5320 Band edge
: 5G WIFI 11N20

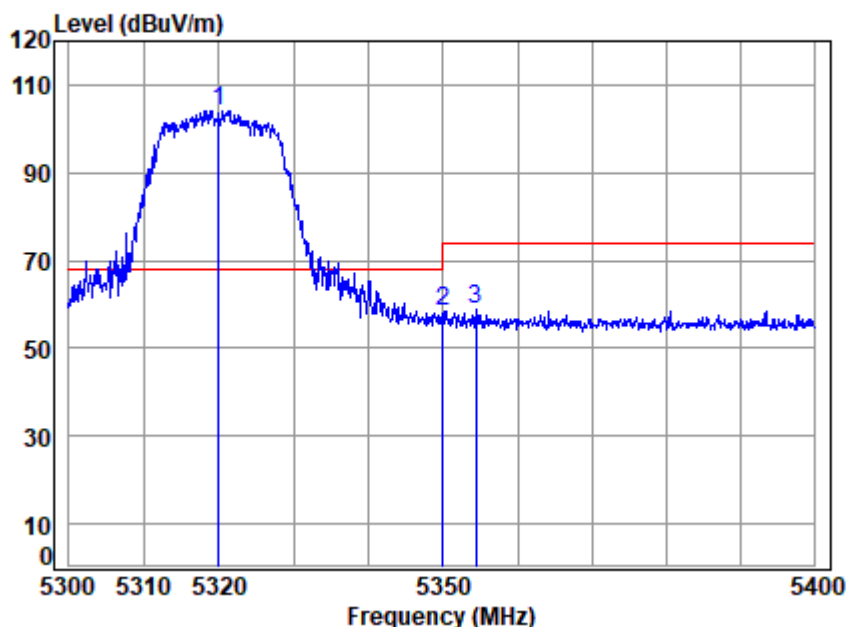
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	7.87	34.46	42.68	96.05	95.70	-----	-----	Average
2	5350.020	7.92	34.48	42.66	48.88	48.62	54.00	-5.38	Average
3	5350.566	7.93	34.48	42.65	48.92	48.68	54.00	-5.32	Average



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5320 Band edge
: 5G WIFI 11N20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5320.000	7.87	34.46	42.68	104.33	103.98	68.20	35.78	Peak
2 5350.020	7.92	34.48	42.66	58.88	58.62	74.00	-15.38	Peak
3 5354.468	7.93	34.49	42.65	58.94	58.71	74.00	-15.29	Peak

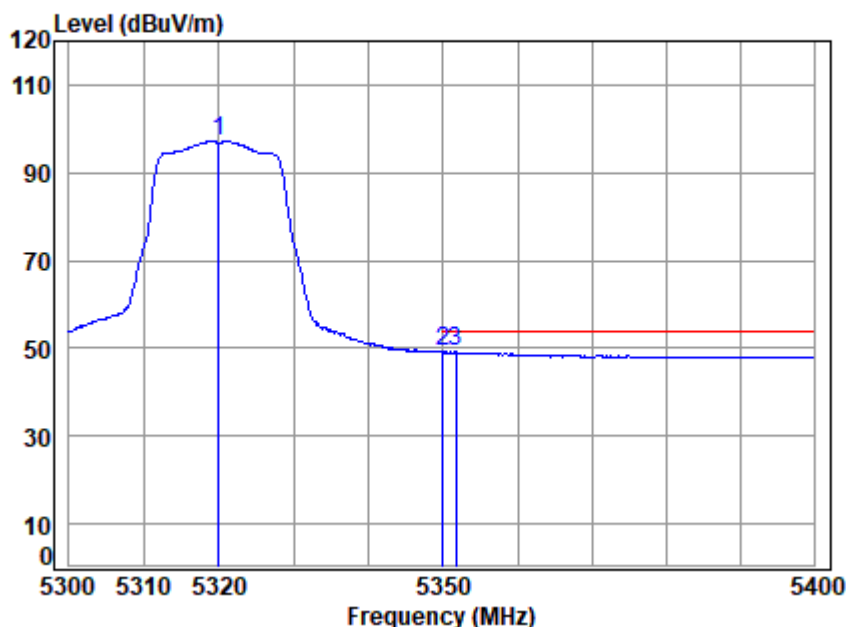


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Mode:m; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5320 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	7.87	34.46	42.68	97.67	97.32	-----	-----	Average
2	5350.020	7.92	34.48	42.66	49.39	49.13	54.00	-4.87	Average
3	5351.667	7.93	34.49	42.65	49.35	49.12	54.00	-4.88	Average

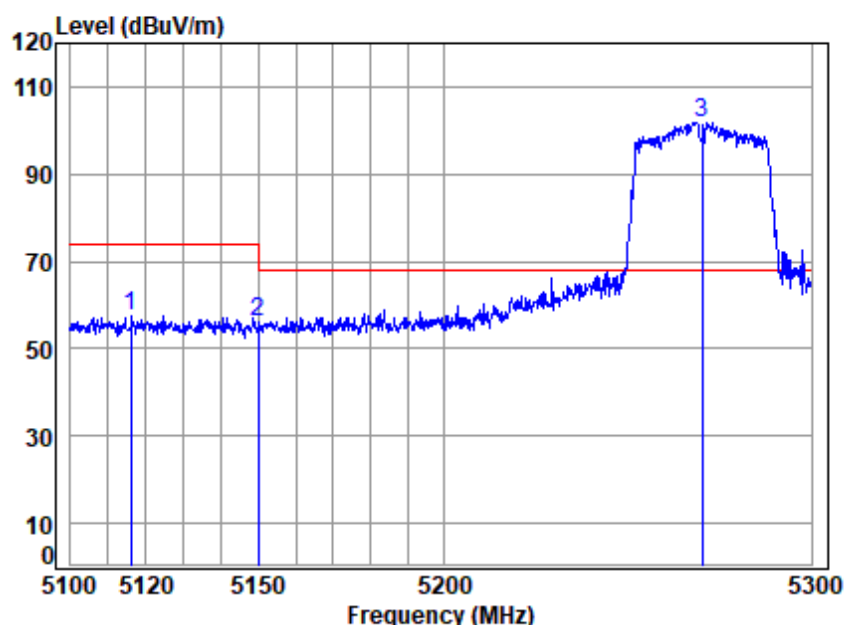


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Mode:m; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5270 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5116.112	7.51	34.30	42.82	58.66	57.65	74.00	-16.35	peak
2	5149.980	7.57	34.32	42.79	57.06	56.16	74.00	-17.84	peak
3 *	5270.000	7.79	34.42	42.71	102.32	101.82	68.20	33.62	peak



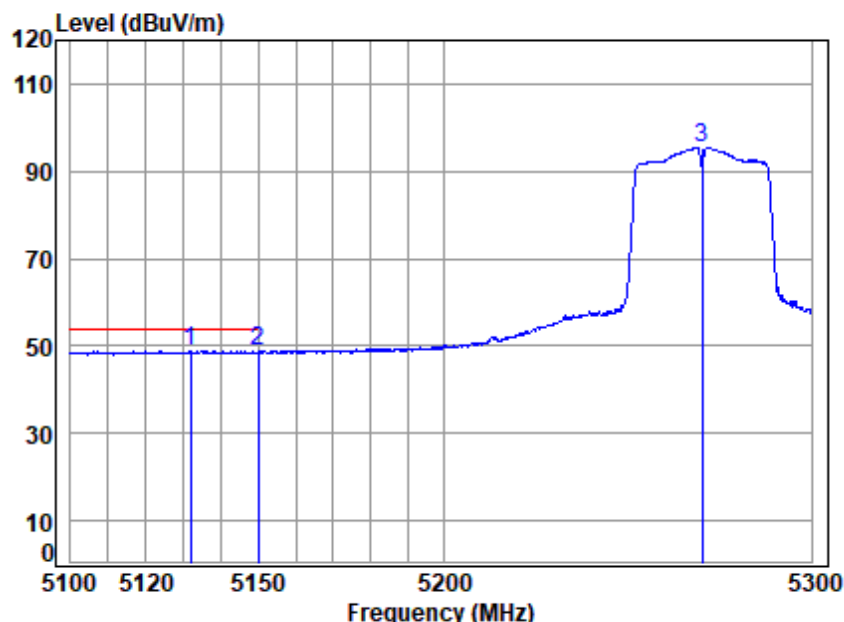
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Mode:m; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5270 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5131.880	7.54	34.31	42.81	49.74	48.78	54.00	-5.22	Average
2	5149.980	7.57	34.32	42.79	49.53	48.63	54.00	-5.37	Average
3	5270.000	7.79	34.42	42.71	95.89	95.39	-----	-----	Average



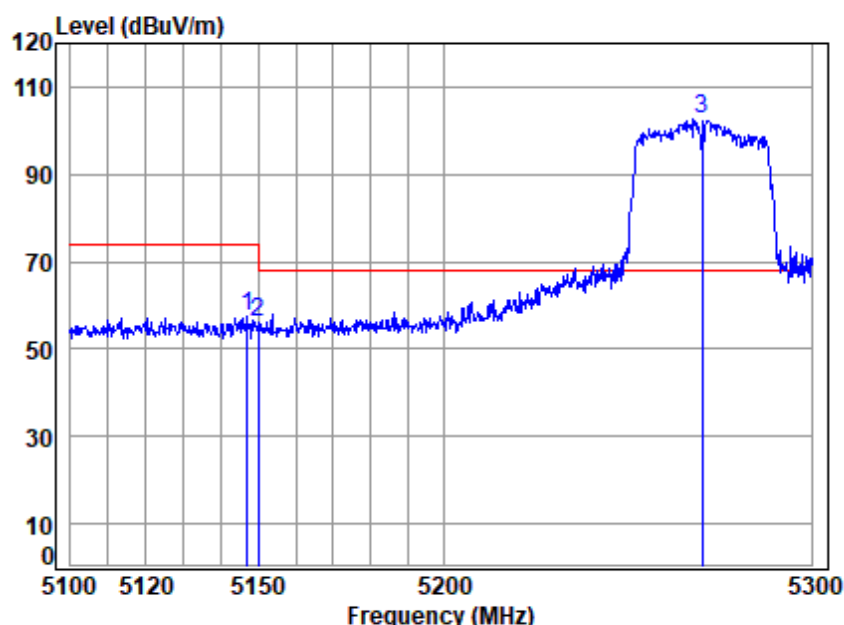
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Mode:m; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5270 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.103	7.57	34.32	42.80	58.21	57.30	74.00	-16.70	peak
2	5149.980	7.57	34.32	42.79	56.91	56.01	74.00	-17.99	peak
3 *	5270.000	7.79	34.42	42.71	102.99	102.49	68.20	34.29	peak



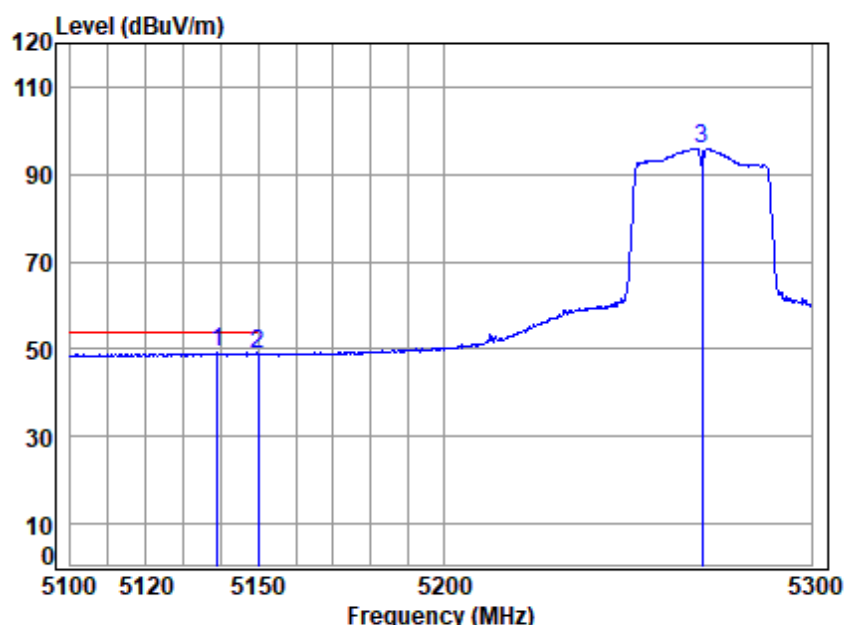
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Mode:m; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5270 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.992	7.55	34.32	42.80	50.02	49.09	54.00	-4.91	Average
2	5149.980	7.57	34.32	42.79	49.74	48.84	54.00	-5.16	Average
3	5270.000	7.79	34.42	42.71	96.49	95.99	-----	-----	Average



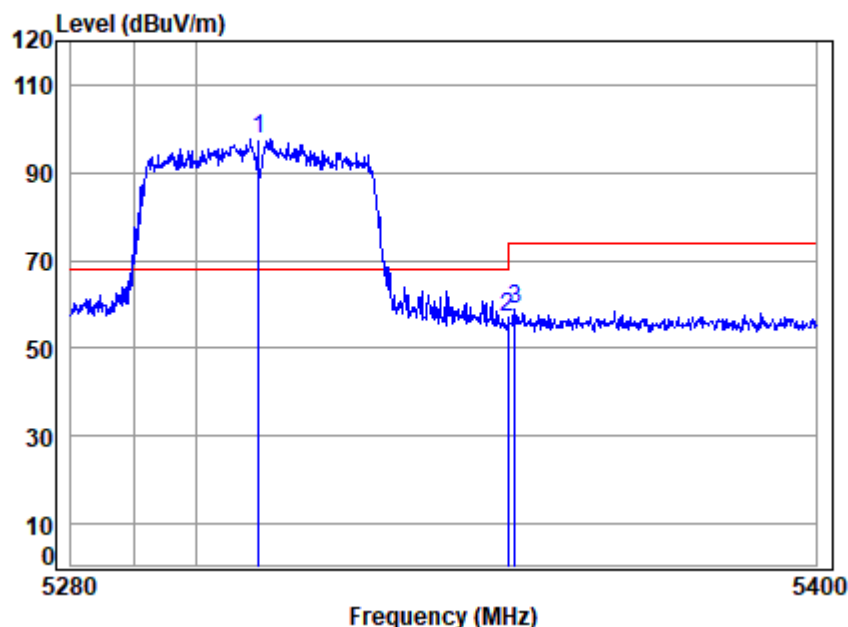
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Mode:m; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5310 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5310.000	7.86	34.45	42.68	98.08	97.71	68.20	29.51	peak
2	5350.020	7.92	34.48	42.66	57.30	57.04	74.00	-16.96	peak
3	5351.195	7.93	34.48	42.65	59.11	58.87	74.00	-15.13	peak

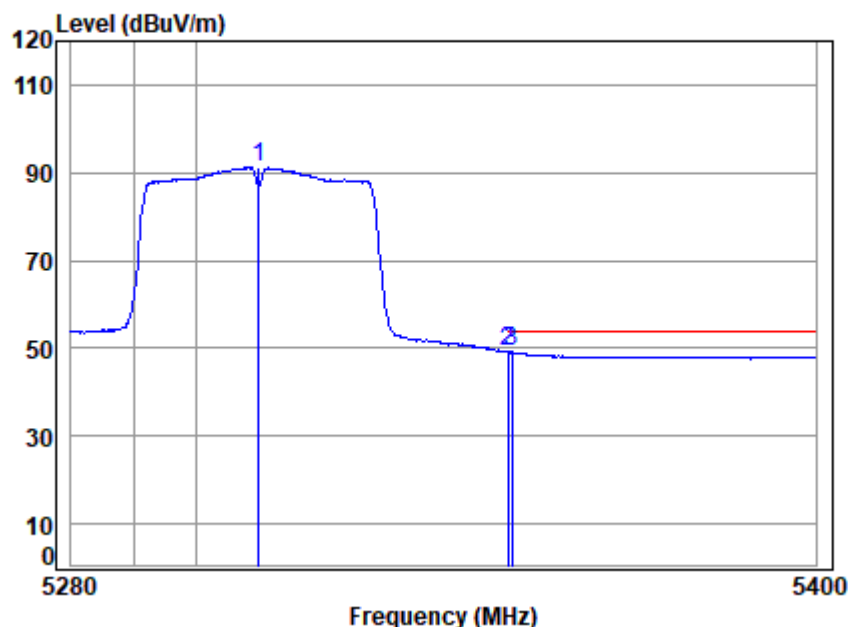


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Mode:m; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5310 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	7.86	34.45	42.68	91.60	91.23	-----	-----	Average
2	5350.020	7.92	34.48	42.66	49.50	49.24	54.00	-4.76	Average
3	5350.714	7.93	34.48	42.65	49.32	49.08	54.00	-4.92	Average

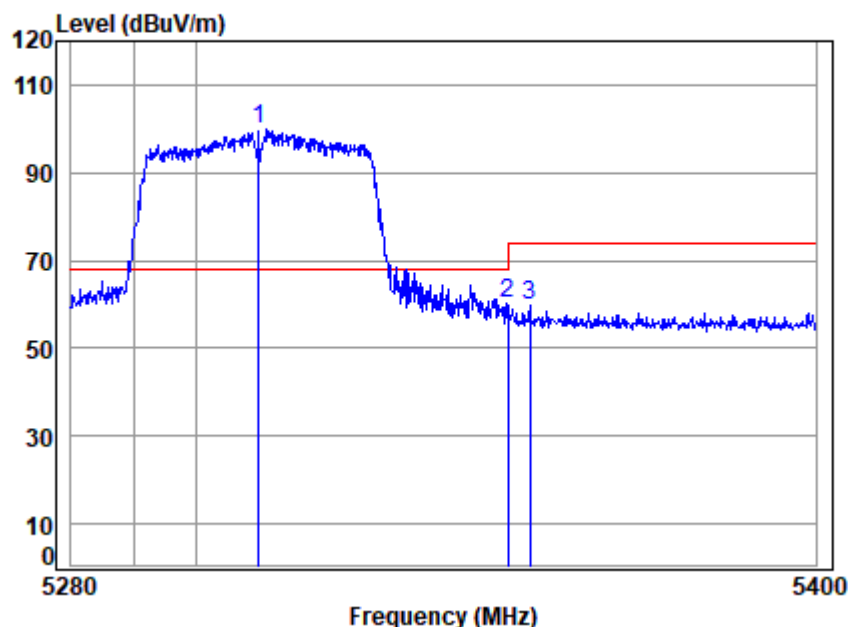


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Mode:m; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5310 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5310.000	7.86	34.45	42.68	100.35	99.98	68.20	31.78	Peak	
2 5350.020	7.92	34.48	42.66	60.64	60.38	74.00	-13.62	Peak	
3 5353.601	7.93	34.49	42.65	59.83	59.60	74.00	-14.40	Peak	

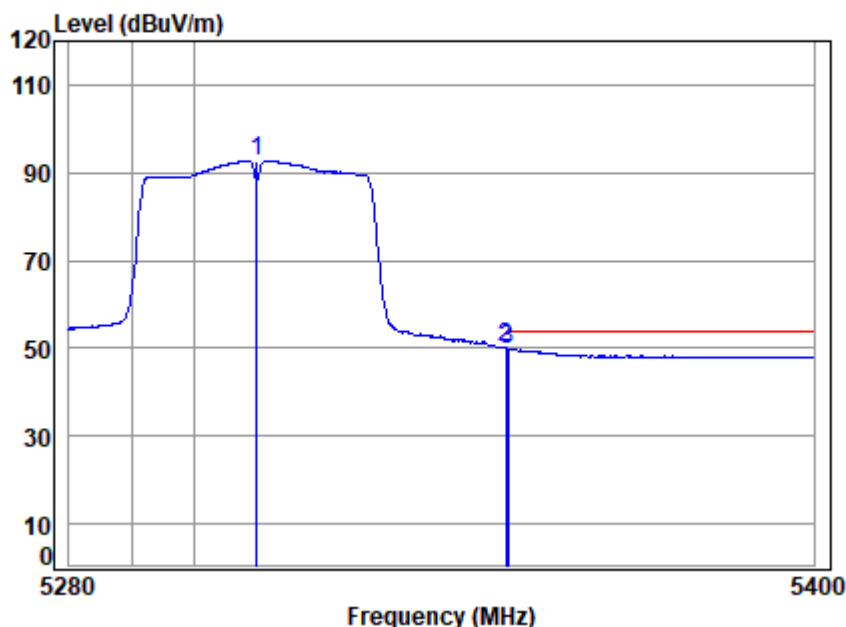


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Mode:m; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5310 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	7.86	34.45	42.68	93.13	92.76	-----	-----	Average
2	5350.020	7.92	34.48	42.66	50.34	50.08	54.00	-3.92	Average
3	5350.474	7.93	34.48	42.65	50.19	49.95	54.00	-4.05	Average

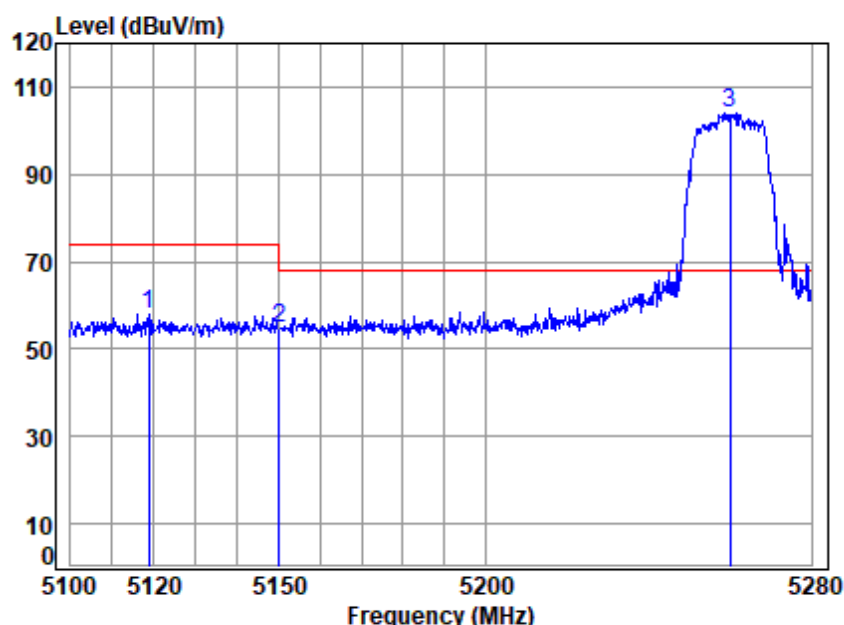


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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5260 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5118.786	7.52	34.30	42.82	58.90	57.90	74.00	-16.10	peak
2	5149.980	7.57	34.32	42.79	55.61	54.71	74.00	-19.29	peak
3 *	5260.000	7.77	34.41	42.72	104.75	104.21	68.20	36.01	peak



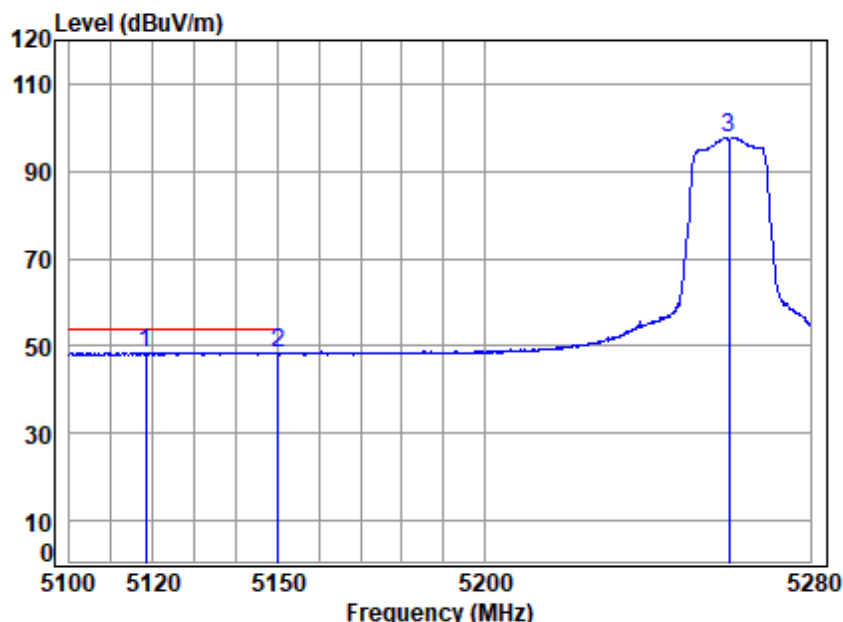
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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5260 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5118.253	7.52	34.30	42.82	49.44	48.44	54.00	-5.56 Average
2	5149.980	7.57	34.32	42.79	49.32	48.42	54.00	-5.58 Average
3	5260.000	7.77	34.41	42.72	98.35	97.81	-----	----- Average

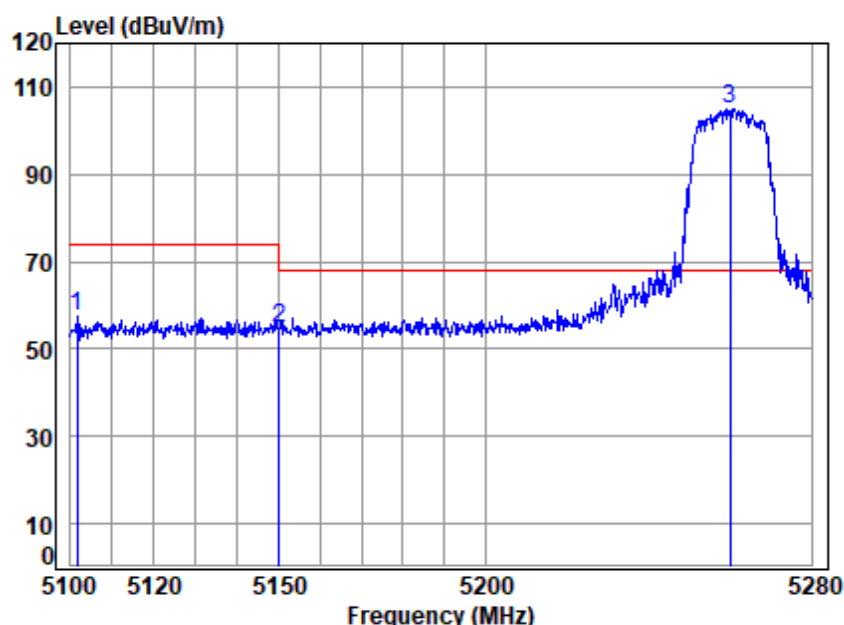


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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5260 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5101.592	7.49	34.28	42.83	58.71	57.65	74.00	-16.35	peak
2	5149.980	7.57	34.32	42.79	55.82	54.92	74.00	-19.08	peak
3 *	5260.000	7.77	34.41	42.72	105.70	105.16	68.20	36.96	peak



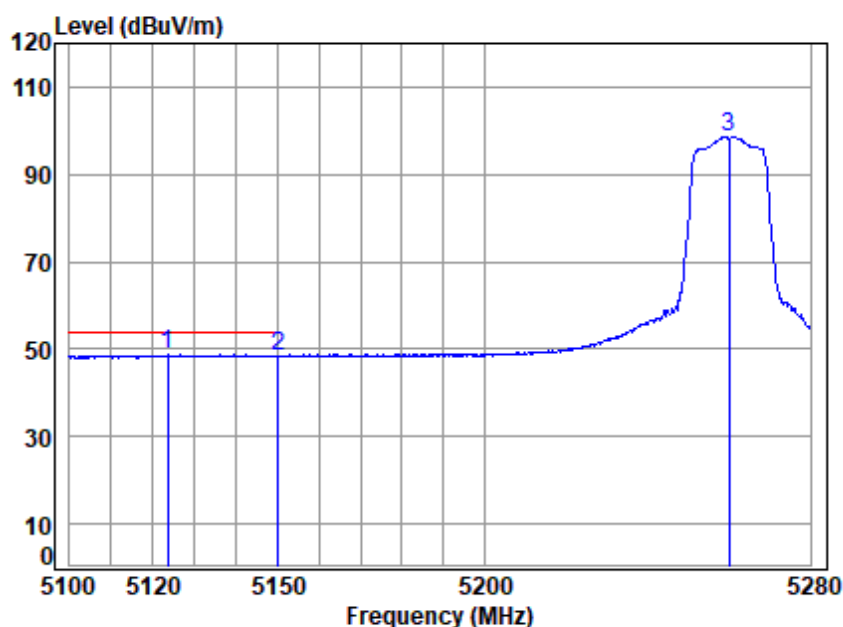
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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5260 Band edge
: 5G WIFI 11AC20

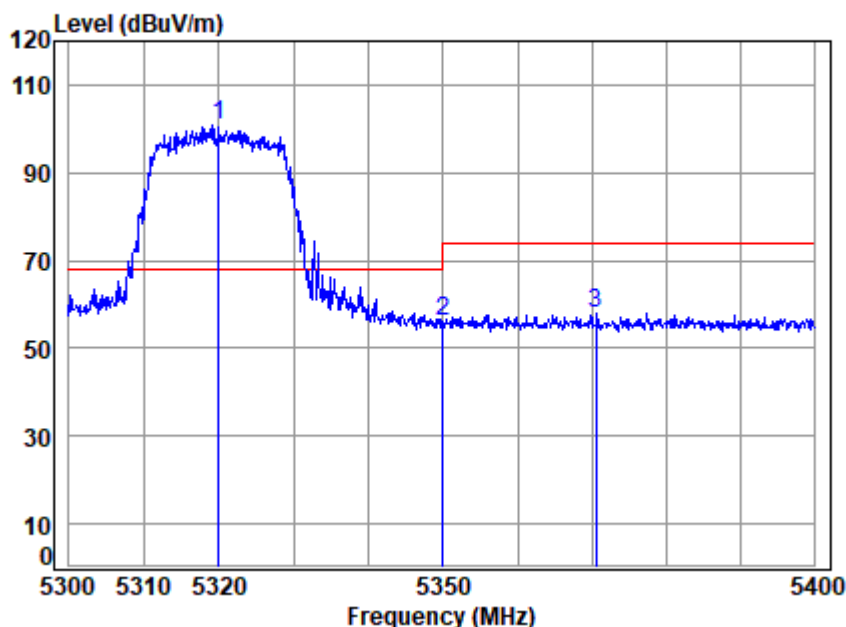
		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5123.582	7.53	34.30	42.81	49.71	48.73	54.00	-5.27 Average
2	5149.980	7.57	34.32	42.79	49.40	48.50	54.00	-5.50 Average
3	5260.000	7.77	34.41	42.72	99.32	98.78	-----	----- Average



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5320 Band edge
: 5G WIFI 11AC20

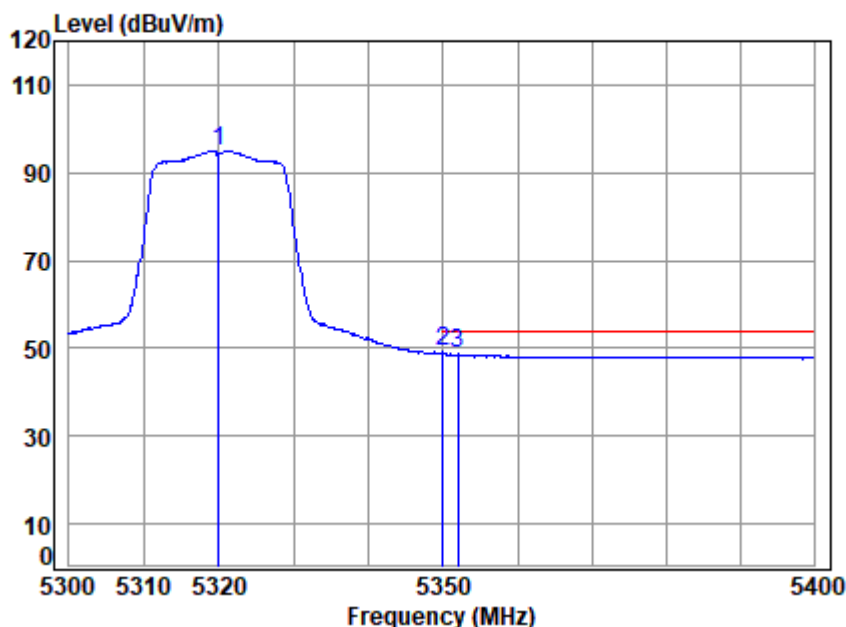
	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5320.000	7.87	34.46	42.68	101.40	101.05	68.20	32.85	peak
2 5350.020	7.92	34.48	42.66	56.19	55.93	74.00	-18.07	peak
3 5370.606	7.96	34.50	42.64	58.19	58.01	74.00	-15.99	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5320 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	7.87	34.46	42.68	95.39	95.04	-----	-----	Average
2	5350.020	7.92	34.48	42.66	49.33	49.07	54.00	-4.93	Average
3	5351.967	7.93	34.49	42.65	48.86	48.63	54.00	-5.37	Average



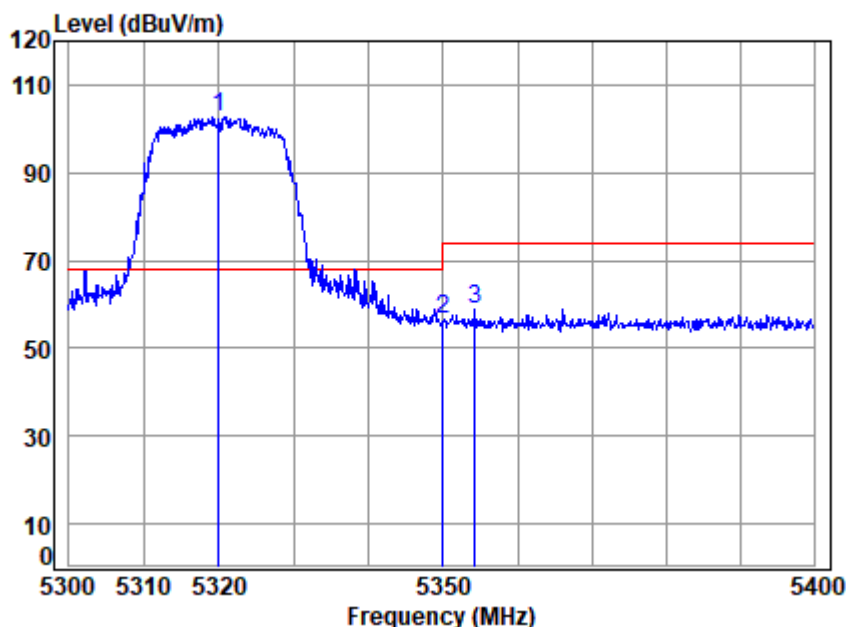
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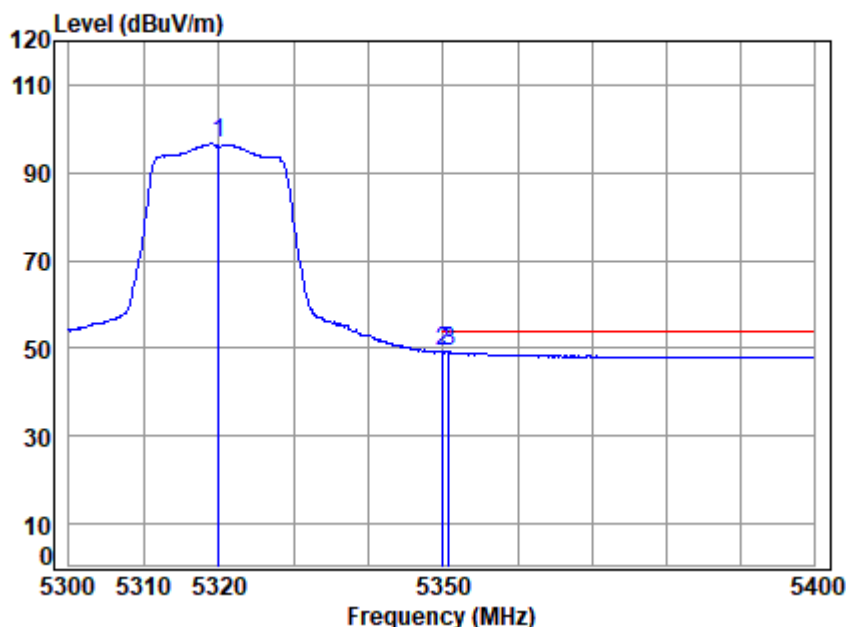
Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5320 Band edge
: 5G WIFI 11AC20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5320.000	7.87	34.46	42.68	103.22	102.87	68.20	34.67	Peak
2 5350.020	7.92	34.48	42.66	57.00	56.74	74.00	-17.26	Peak
3 5354.268	7.93	34.49	42.65	59.09	58.86	74.00	-15.14	Peak

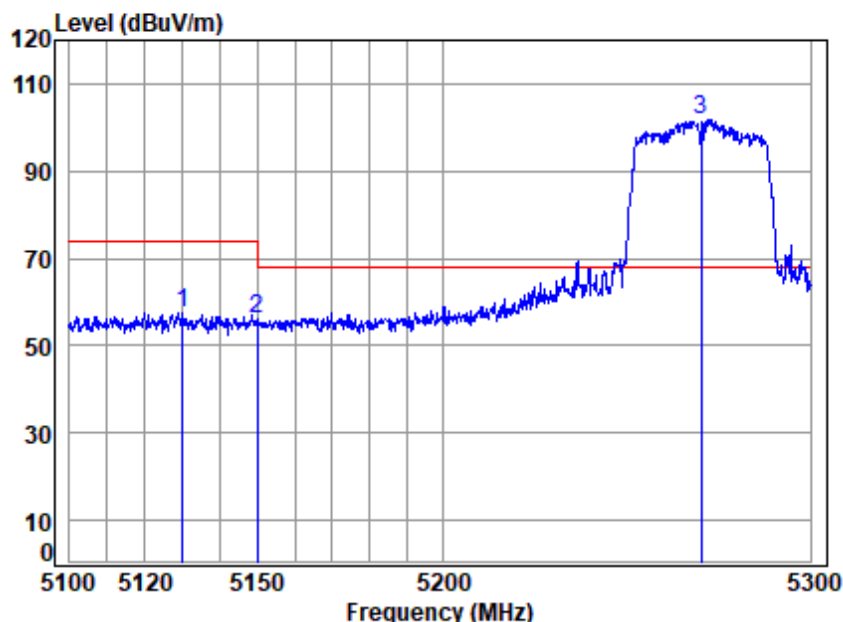
Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5320 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	7.87	34.46	42.68	96.94	96.59	-----	-----	Average
2	5350.020	7.92	34.48	42.66	49.43	49.17	54.00	-4.83	Average
3	5350.767	7.93	34.48	42.65	49.35	49.11	54.00	-4.89	Average

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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5270 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5130.104	7.54	34.31	42.81	58.59	57.63	74.00	-16.37	peak
2	5149.980	7.57	34.32	42.79	57.14	56.24	74.00	-17.76	peak
3 *	5270.000	7.79	34.42	42.71	102.37	101.87	68.20	33.67	peak



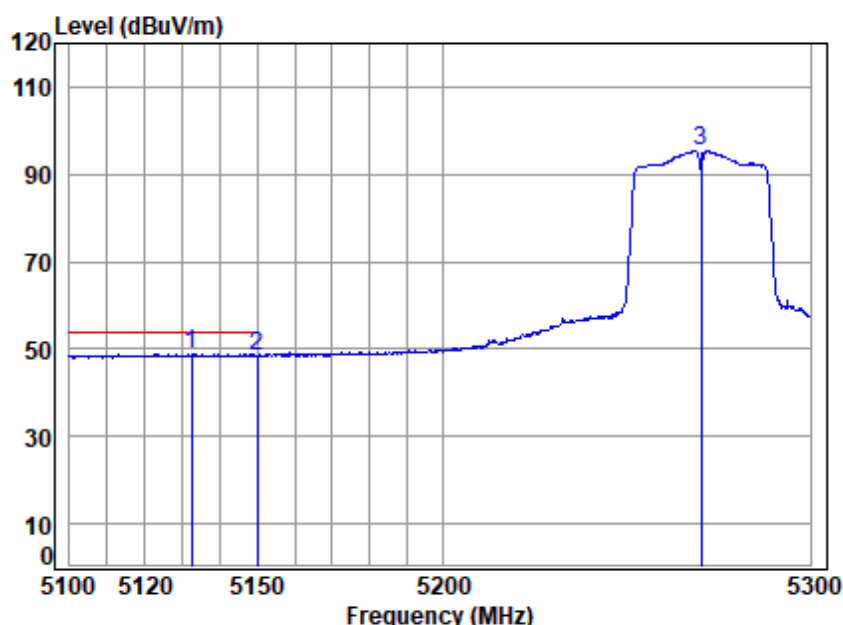
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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5270 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5132.472	7.54	34.31	42.81	49.74	48.78	54.00	-5.22	Average
2	5149.980	7.57	34.32	42.79	49.49	48.59	54.00	-5.41	Average
3	5270.000	7.79	34.42	42.71	95.89	95.39	-----	-----	Average



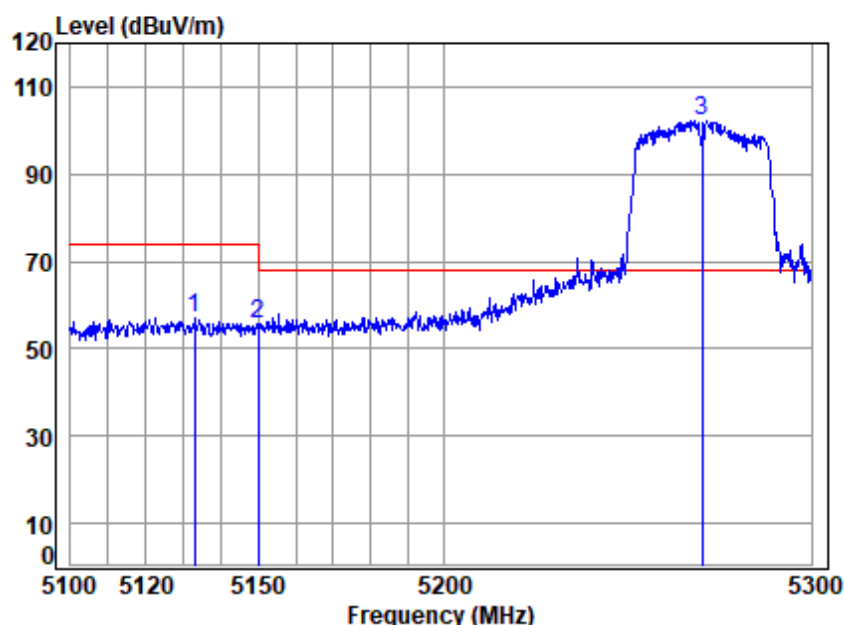
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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5270 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5132.867	7.54	34.31	42.81	57.94	56.98	74.00	-17.02	peak
2	5149.980	7.57	34.32	42.79	56.68	55.78	74.00	-18.22	peak
3 *	5270.000	7.79	34.42	42.71	102.87	102.37	68.20	34.17	peak



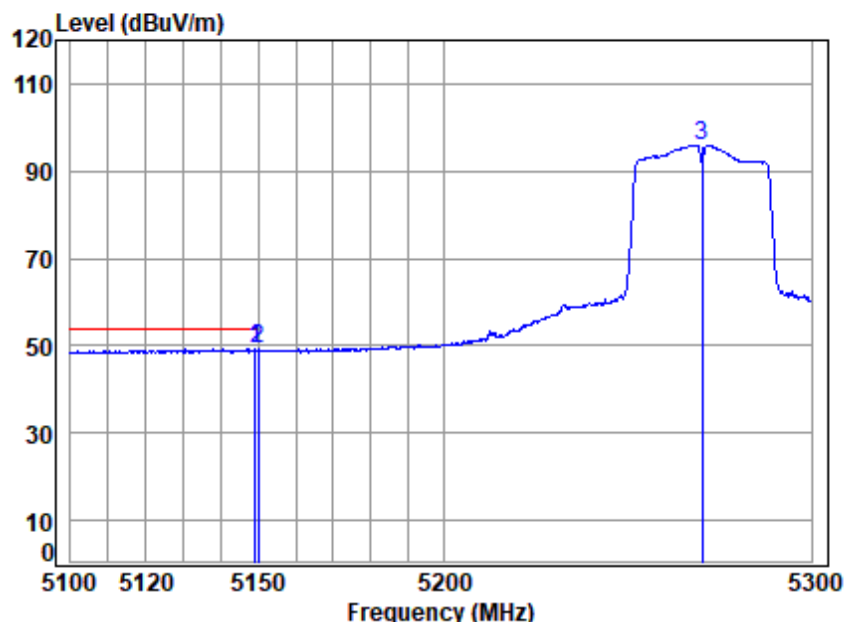
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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5270 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.281	7.57	34.32	42.79	50.03	49.13	54.00	-4.87 Average
2	5149.980	7.57	34.32	42.79	49.98	49.08	54.00	-4.92 Average
3	5270.000	7.79	34.42	42.71	96.49	95.99	-----	----- Average

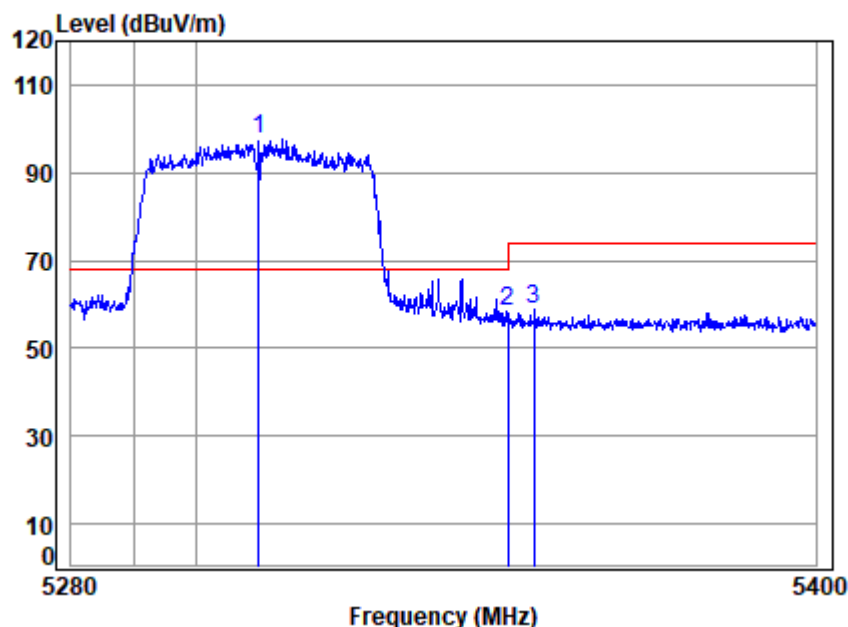


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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5310 Band edge
: 5G WIFI 11AC40

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5310.000	7.86	34.45	42.68	98.18	97.81	68.20	29.61	peak
2 5350.020	7.92	34.48	42.66	58.76	58.50	74.00	-15.50	peak
3 5354.323	7.93	34.49	42.65	59.04	58.81	74.00	-15.19	peak

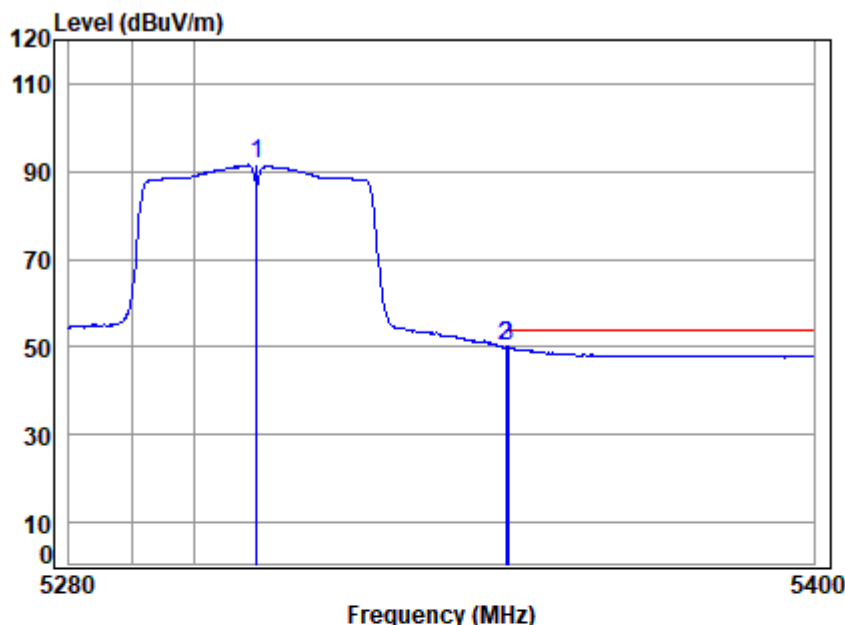


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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5310 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5310.000	7.86	34.45	42.68	91.85	91.48	-----	----- Average
2	5350.020	7.92	34.48	42.66	50.38	50.12	54.00	-3.88 Average
3	5350.474	7.93	34.48	42.65	50.26	50.02	54.00	-3.98 Average

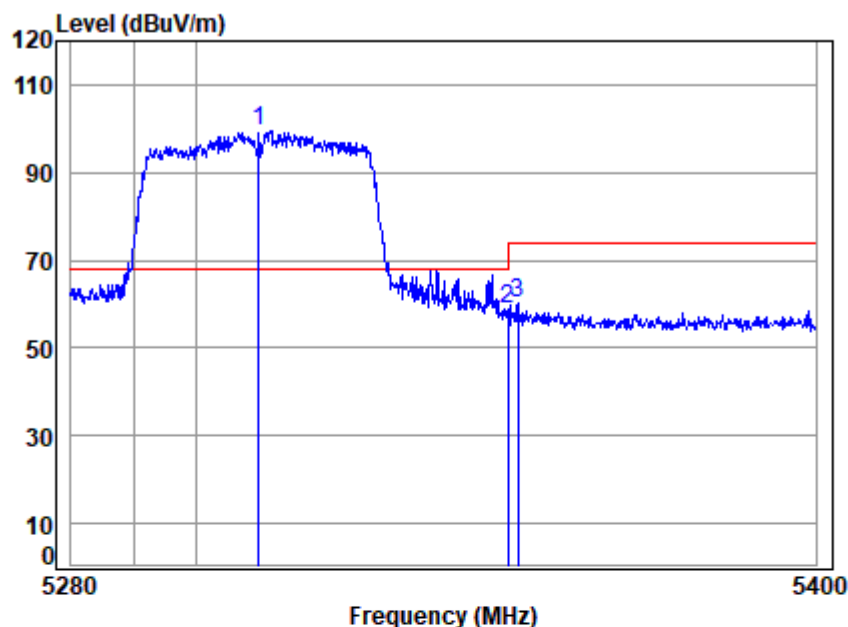


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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5310 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5310.000	7.86	34.45	42.68	99.98	99.61	68.20	31.41	Peak
2 5350.020	7.92	34.48	42.66	59.34	59.08	74.00	-14.92	Peak
3 5351.676	7.93	34.49	42.65	60.54	60.31	74.00	-13.69	Peak



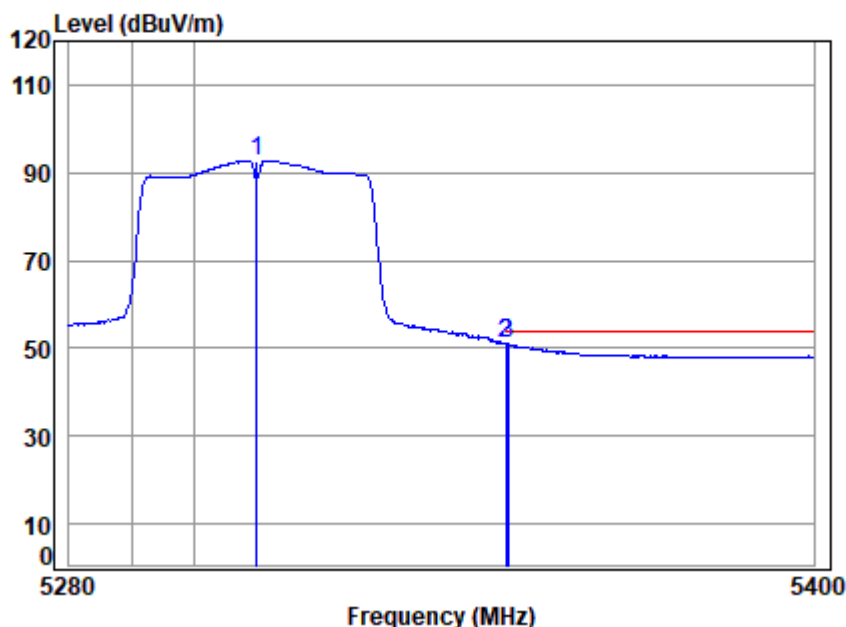
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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5310 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	7.86	34.45	42.68	93.18	92.81	-----	-----	Average
2	5350.020	7.92	34.48	42.66	51.32	51.06	54.00	-2.94	Average
3	5350.474	7.93	34.48	42.65	51.19	50.95	54.00	-3.05	Average



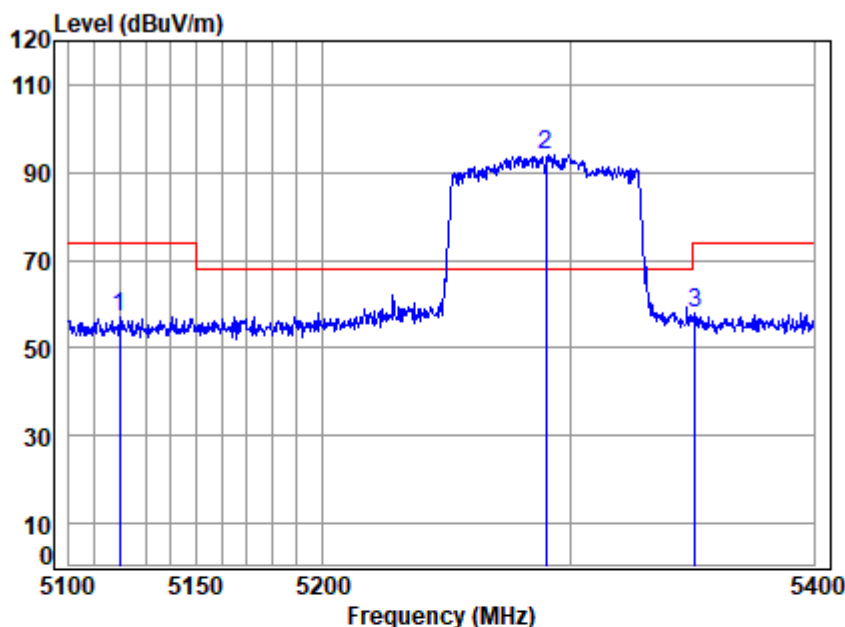
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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5290 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5119.861	7.52	34.30	42.81	57.95	56.96	74.00	-17.04 peak
2 *	5290.000	7.82	34.44	42.70	94.48	94.04	68.20	25.84 peak
3	5351.146	7.93	34.48	42.65	58.32	58.08	74.00	-15.92 peak

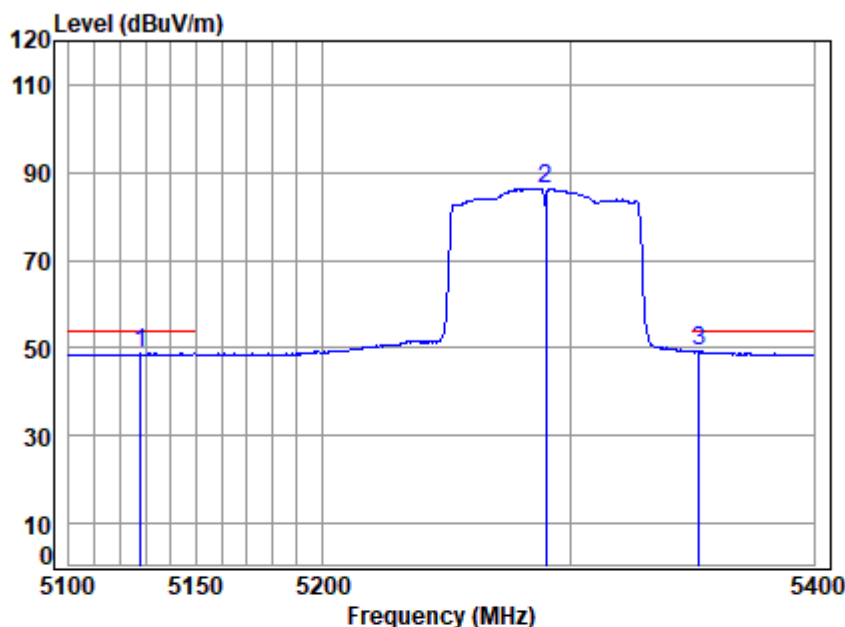


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Mode:m; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5290 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5128.062	7.53	34.31	42.81	49.64	48.67	54.00	-5.33 Average
2	5290.000	7.82	34.44	42.70	86.87	86.43	-----	----- Average
3	5352.676	7.93	34.49	42.65	49.43	49.20	54.00	-4.80 Average

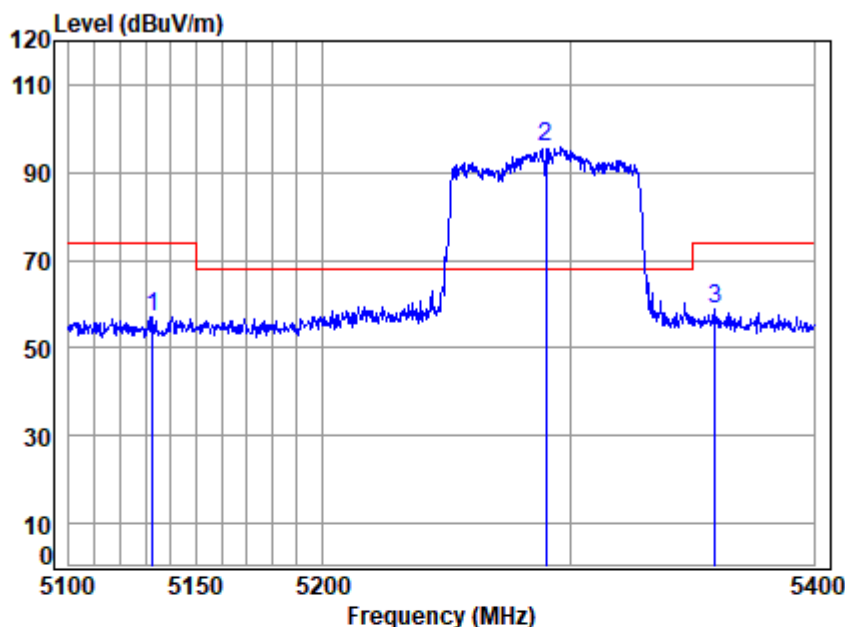


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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel: middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5290 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5132.753	7.54	34.31	42.81	58.00	57.04	74.00	-16.96 peak
2 *	5290.000	7.82	34.44	42.70	96.08	95.64	68.20	27.44 peak
3	5359.104	7.94	34.49	42.65	59.30	59.08	74.00	-14.92 peak

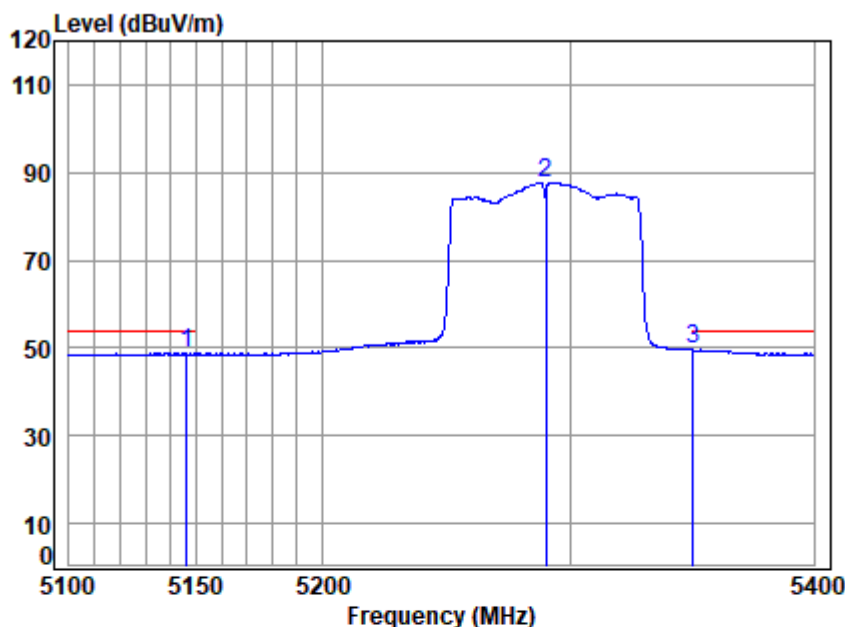


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Mode:m; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel: middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5290 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5146.267	7.57	34.32	42.80	49.63	48.72	54.00	-5.28 Average
2	5290.000	7.82	34.44	42.70	88.24	87.80	-----	----- Average
3	5350.229	7.93	34.48	42.66	49.87	49.62	54.00	-4.38 Average

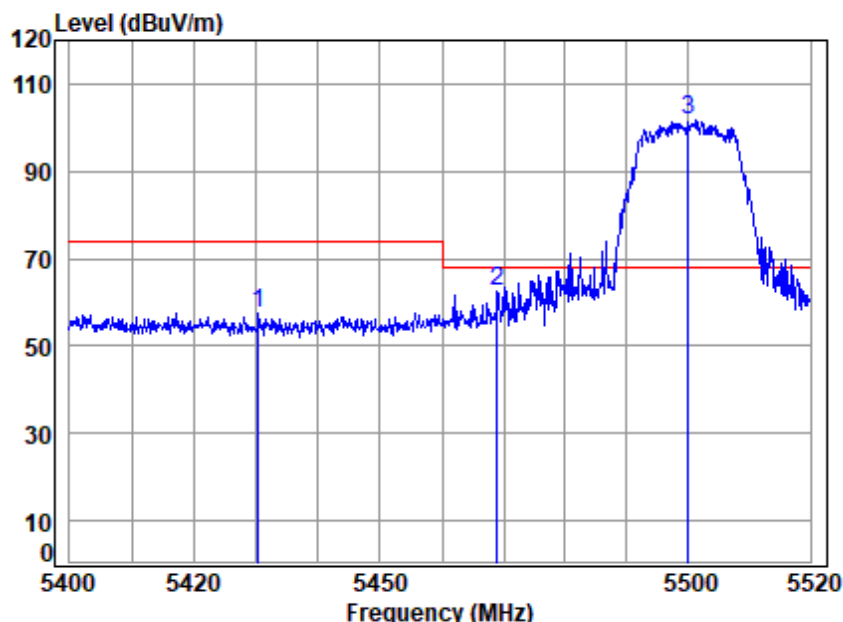


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Mode:n; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5500 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5430.350	8.06	34.55	42.60	57.64	57.65	74.00	-16.35	peak
2	5468.918	8.13	34.58	42.58	62.19	62.32	68.20	-5.88	peak
3 *	5500.000	8.18	34.60	42.56	101.61	101.83	68.20	33.63	peak



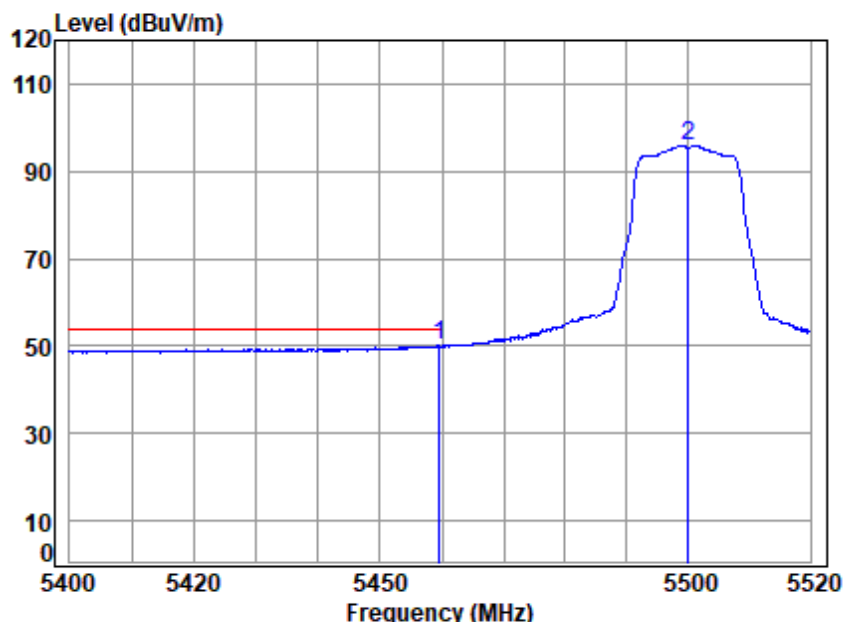
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Mode:n; Polarization:Horizontal; Modulation:802.11a; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5500 Band edge
: 5G WIFI 11A

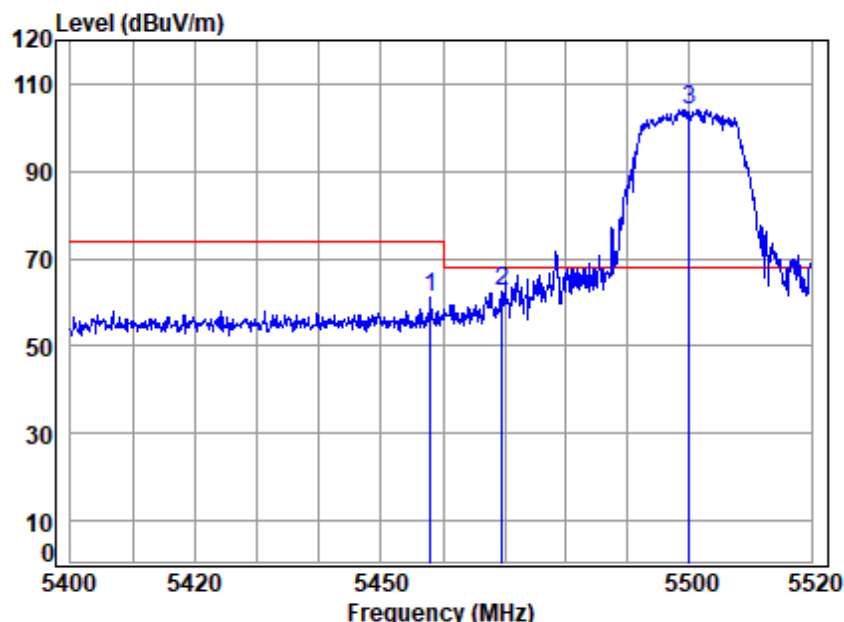
		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.550	8.11	34.57	42.58	50.00	50.10	54.00	-3.90	Average
2	5500.000	8.18	34.60	42.56	95.82	96.04	-----	-----	Average



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5500 Band edge
: 5G WIFI 11A

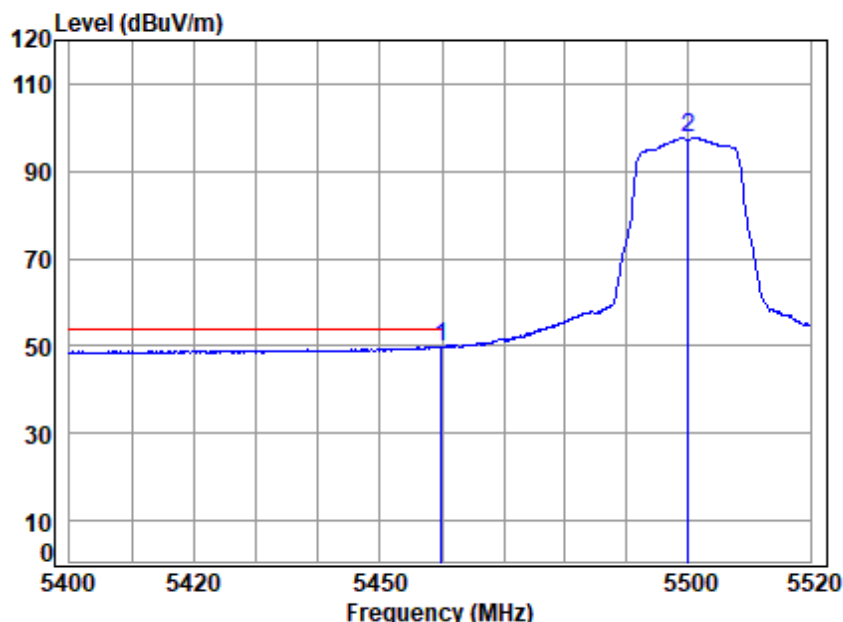
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Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5457.991	8.11	34.57	42.58	61.14	61.24	74.00	-12.76	peak
2	5469.519	8.13	34.58	42.58	62.25	62.38	68.20	-5.82	peak
3 *	5500.000	8.18	34.60	42.56	103.94	104.16	68.20	35.96	peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5500 Band edge
: 5G WIFI 11A

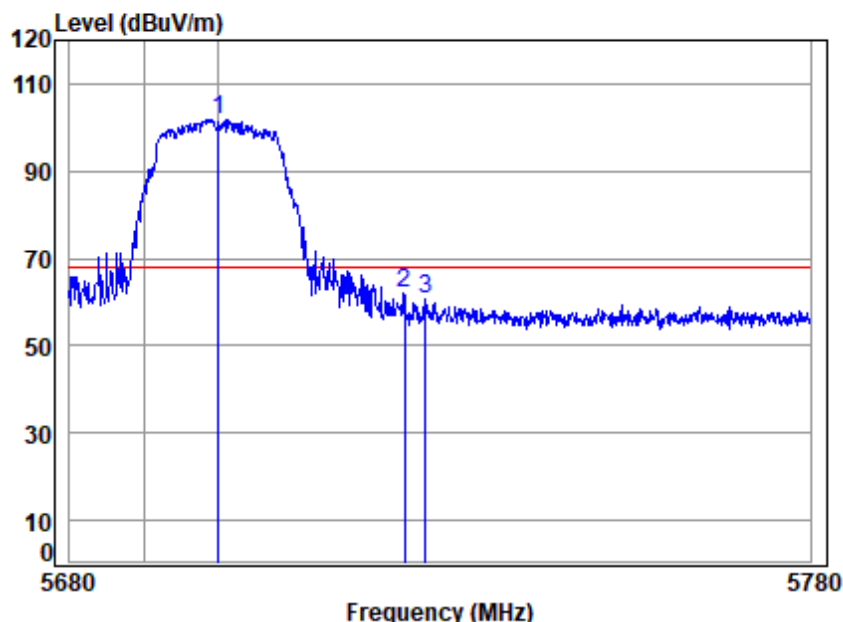
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.910	8.11	34.57	42.58	49.77	49.87	54.00	-4.13	Average
2	5500.000	8.18	34.60	42.56	97.55	97.77	-----	-----	Average



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5700 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5700.000	8.21	34.81	42.43	101.28	101.87	68.20	33.67	peak
2	5725.000	8.22	34.83	42.41	61.25	61.89	68.20	-6.31	peak
3	5727.882	8.22	34.83	42.41	59.84	60.48	68.20	-7.72	peak

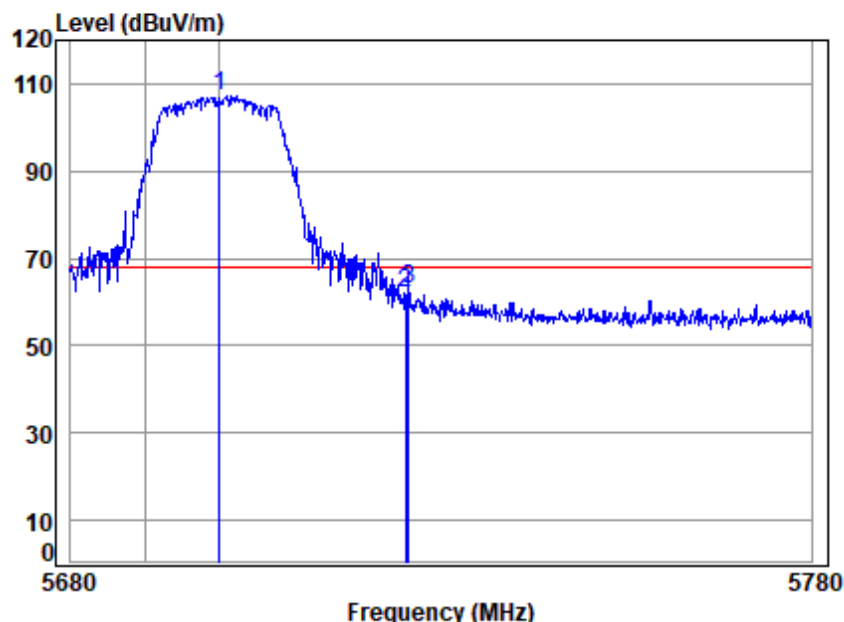


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Mode:n; Polarization:Vertical; Modulation:802.11a; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5700 Band edge
: 5G WIFI 11A

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5700.000	8.21	34.81	42.43	106.70	107.29	68.20	39.09	peak
2 5725.000	8.22	34.83	42.41	61.37	62.01	68.20	-6.19	peak
3 5725.483	8.22	34.83	42.41	62.16	62.80	68.20	-5.40	peak



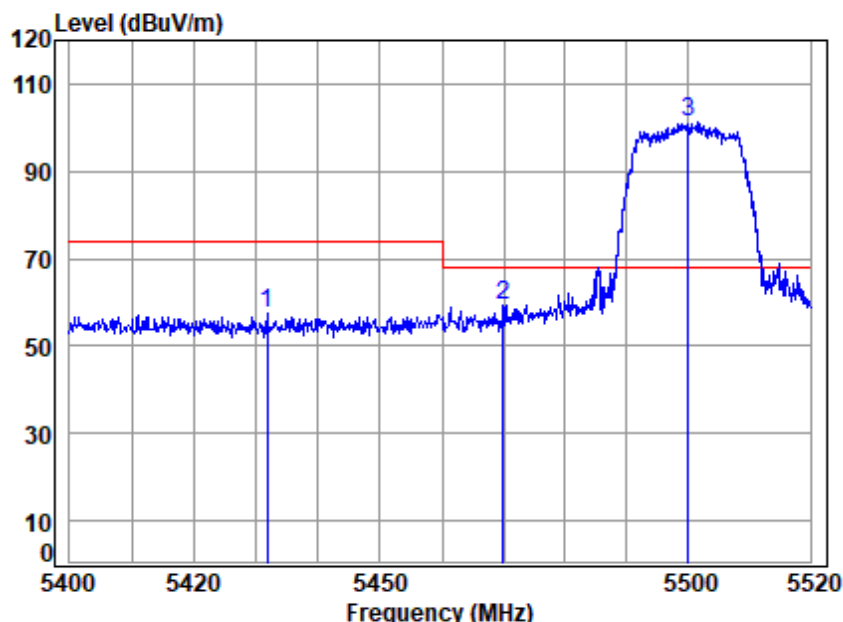
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Mode:n; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5500 Band edge
: 5G WIFI 11N20

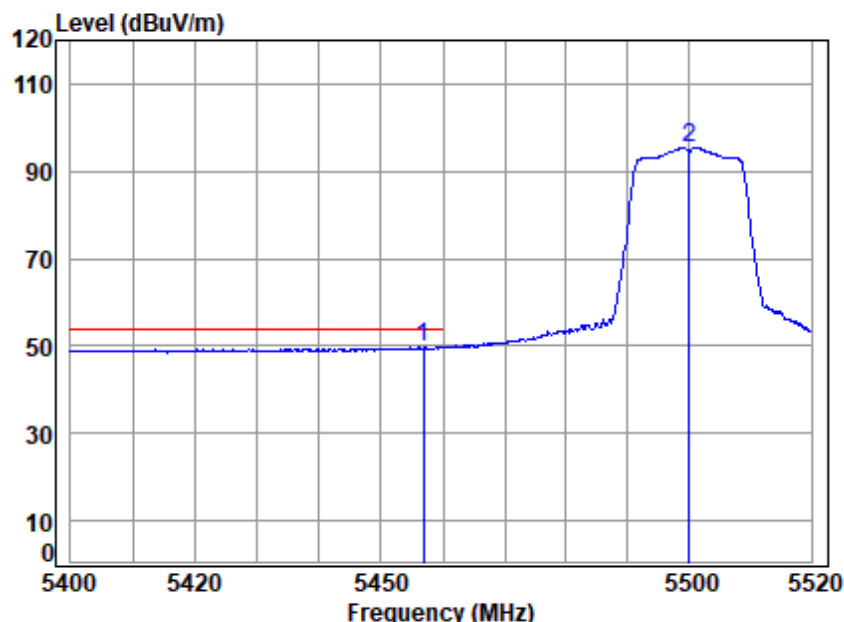
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5431.782	8.06	34.55	42.60	57.50	57.51	74.00	-16.49	peak
2	5469.880	8.13	34.58	42.58	59.41	59.54	68.20	-8.66	peak
3 *	5500.000	8.18	34.60	42.56	100.87	101.09	68.20	32.89	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5500 Band edge
: 5G WIFI 11N20

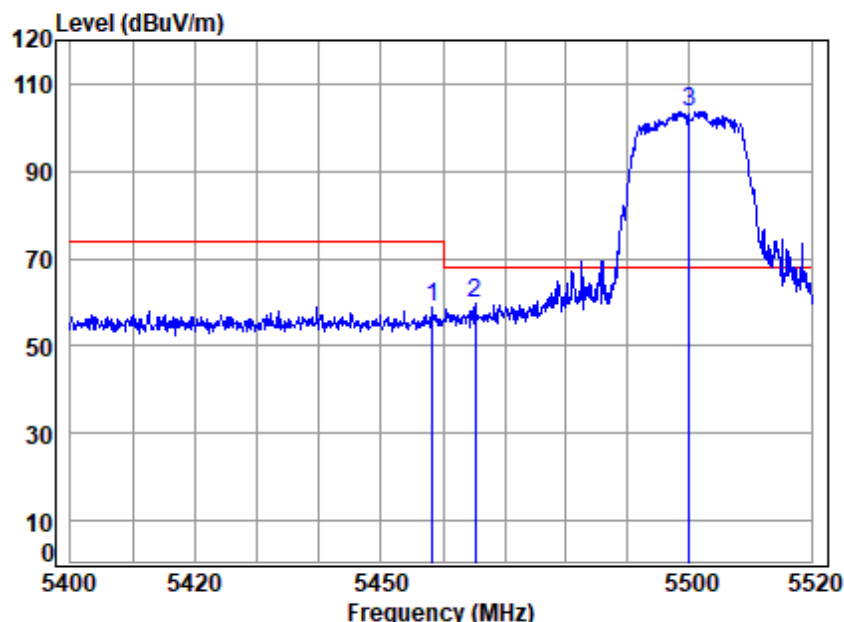
		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5456.791	8.11	34.57	42.58	49.51	49.61	54.00	-4.39	Average
2	5500.000	8.18	34.60	42.56	95.18	95.40	-----	-----	Average



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5500 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.230	8.11	34.57	42.58	58.68	58.78	74.00	-15.22	peak
2	5465.193	8.12	34.57	42.58	59.52	59.63	68.20	-8.57	peak
3 *	5500.000	8.18	34.60	42.56	103.54	103.76	68.20	35.56	peak

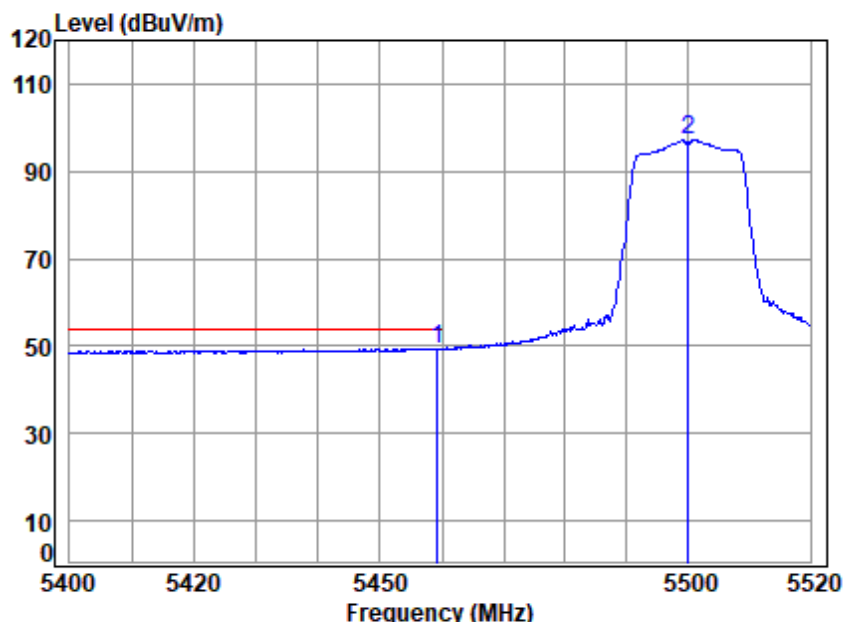


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Mode:n; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5500 Band edge
: 5G WIFI 11N20

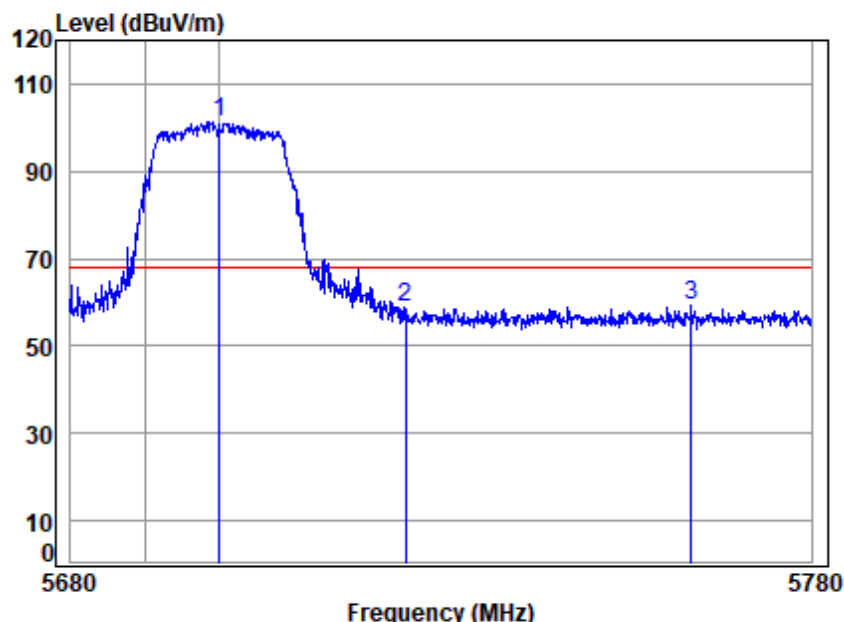
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.311	8.11	34.57	42.58	49.39	49.49	54.00	-4.51	Average
2	5500.000	8.18	34.60	42.56	96.83	97.05	-----	-----	Average



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5700 Band edge
: 5G WIFI 11N20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5700.000	8.21	34.81	42.43	100.57	101.16	68.20	32.96	peak
2 5725.000	8.22	34.83	42.41	58.10	58.74	68.20	-9.46	peak
3 5763.681	8.22	34.87	42.39	58.62	59.32	68.20	-8.88	peak



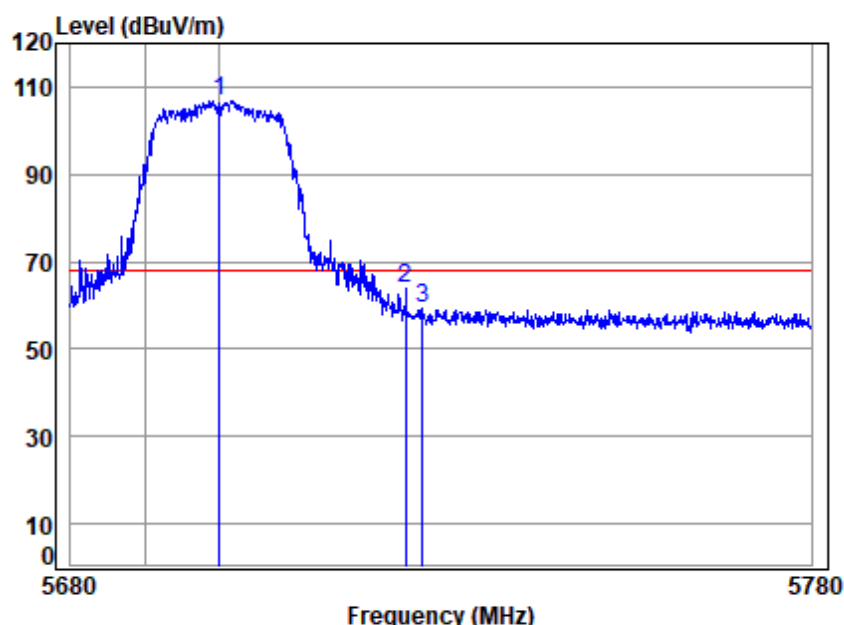
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Mode:n; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5700 Band edge
: 5G WIFI 11N20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 * 5700.000	8.21	34.81	42.43	106.16	106.75	68.20	38.55 peak
2 5725.000	8.22	34.83	42.41	63.24	63.88	68.20	-4.32 peak
3 5727.282	8.22	34.83	42.41	58.78	59.42	68.20	-8.78 peak



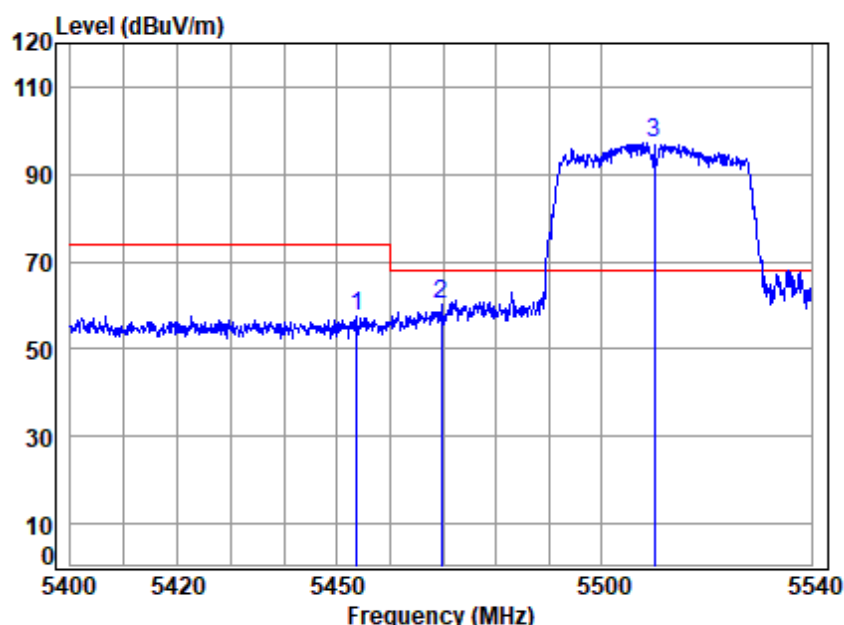
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Mode:n; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5510 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5453.755	8.10	34.56	42.59	57.31	57.38	74.00	-16.62	peak
2	5469.692	8.13	34.58	42.58	60.10	60.23	68.20	-7.97	peak
3 *	5510.000	8.18	34.61	42.55	96.97	97.21	68.20	29.01	peak



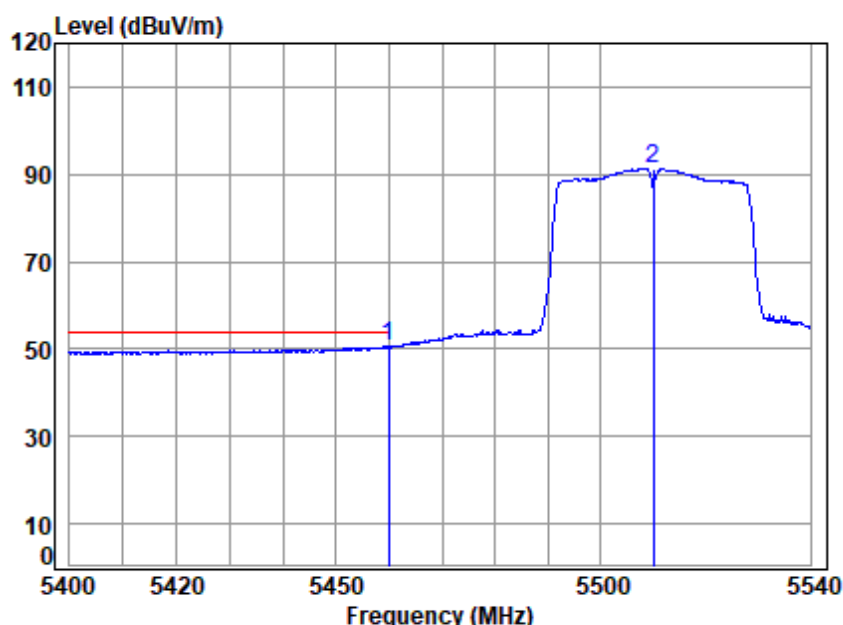
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Mode:n; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5510 Band edge
: 5G WIFI 11N40

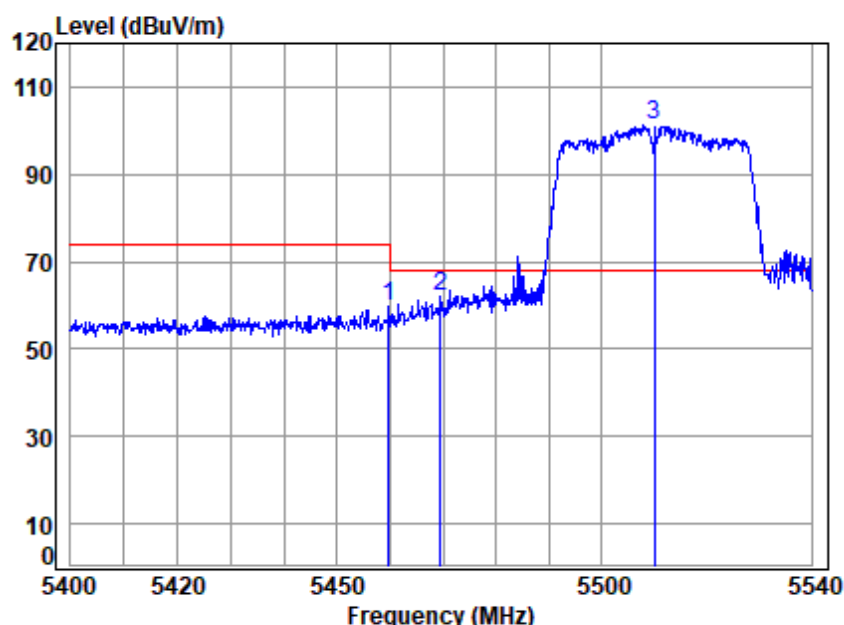
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5459.901	8.11	34.57	42.58	50.62	50.72	54.00	-3.28 Average
2	5510.000	8.18	34.61	42.55	91.13	91.37	-----	----- Average



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5510 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.622	8.11	34.57	42.58	59.69	59.79	74.00	-14.21	peak
2	5469.412	8.13	34.58	42.58	62.13	62.26	68.20	-5.94	peak
3 *	5510.000	8.18	34.61	42.55	100.85	101.09	68.20	32.89	peak



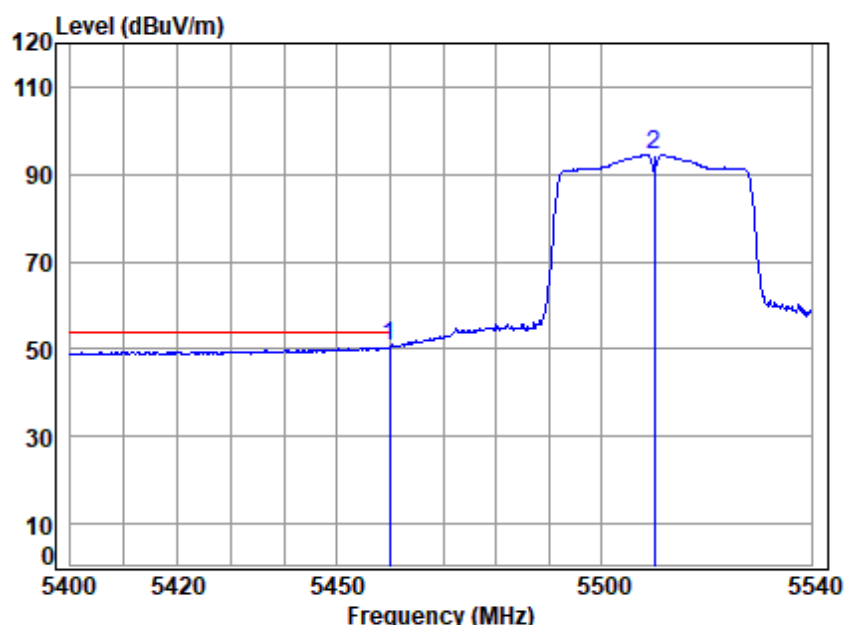
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Mode:n; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5510 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5459.901	8.11	34.57	42.58	50.37	50.47	54.00	-3.53 Average
2	5510.000	8.18	34.61	42.55	94.22	94.46	-----	----- Average



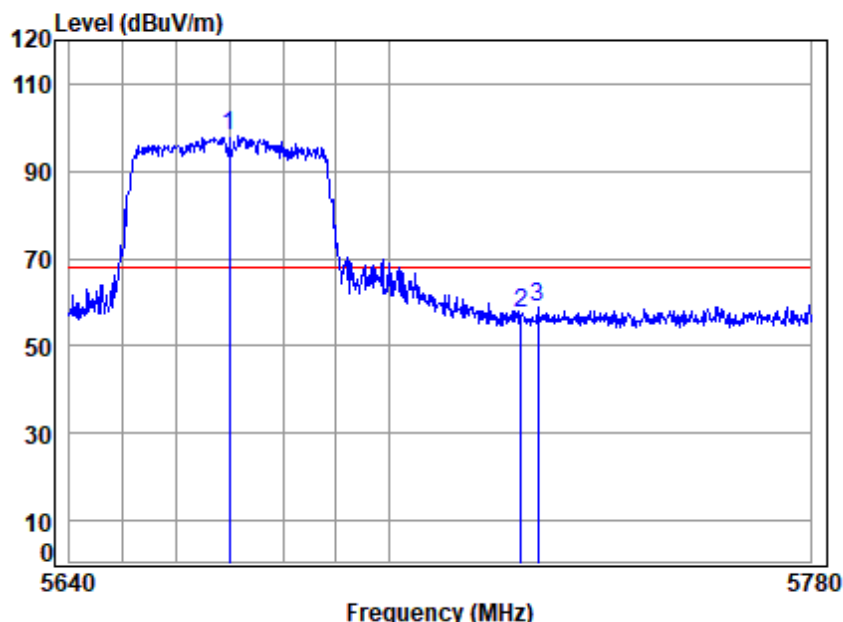
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Mode:n; Polarization:Horizontal; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5670 Band edge
: 5G WIFI 11N40

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5670.000	8.21	34.77	42.45	97.37	97.90	68.20	29.70	peak
2 5725.000	8.22	34.83	42.41	56.75	57.39	68.20	-10.81	peak
3 5728.221	8.22	34.83	42.41	58.36	59.00	68.20	-9.20	peak

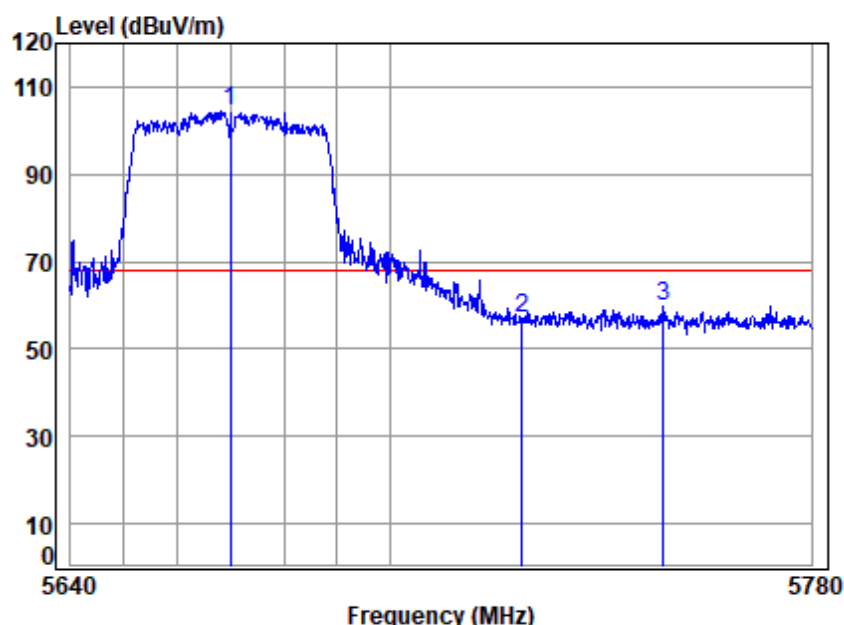


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Mode:n; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5670 Band edge
: 5G WIFI 11N40

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5670.000	8.21	34.77	42.45	104.11	104.64	68.20	36.44	peak
2 5725.000	8.22	34.83	42.41	56.51	57.15	68.20	-11.05	peak
3 5751.725	8.22	34.86	42.39	59.13	59.82	68.20	-8.38	peak



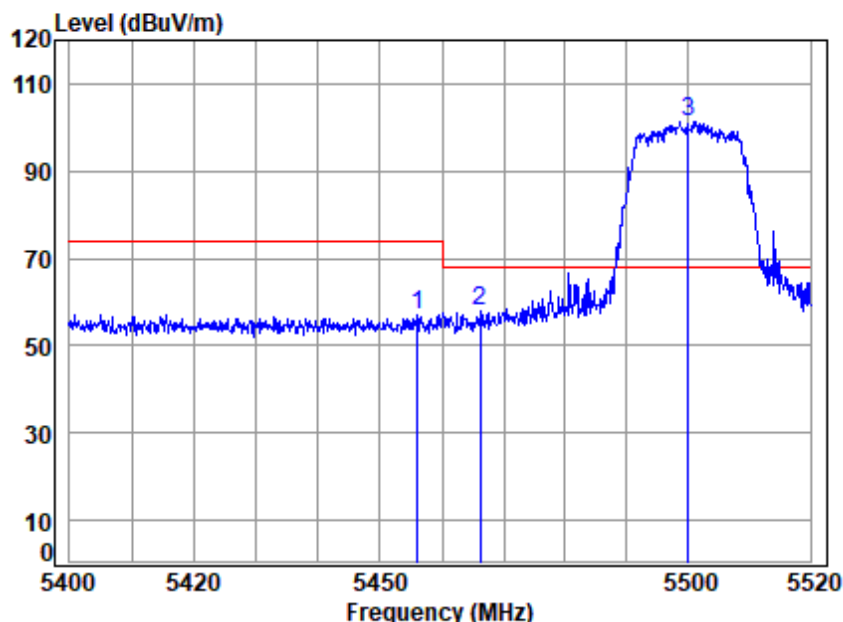
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Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5500 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5456.072	8.11	34.57	42.58	57.16	57.26	74.00	-16.74	peak
2	5466.274	8.12	34.57	42.58	58.04	58.15	68.20	-10.05	peak
3 *	5500.000	8.18	34.60	42.56	101.16	101.38	68.20	33.18	peak



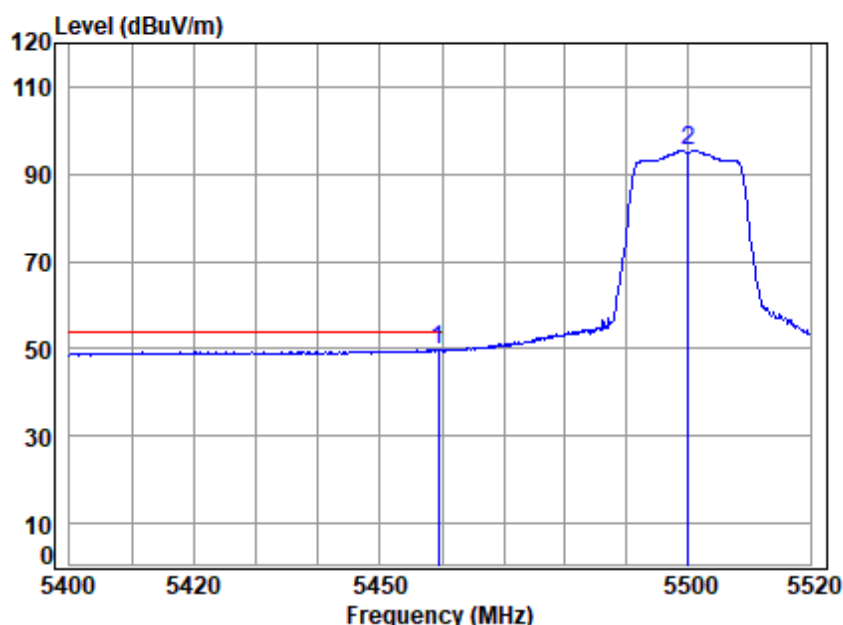
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Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5500 Band edge
: 5G WIFI 11AC20

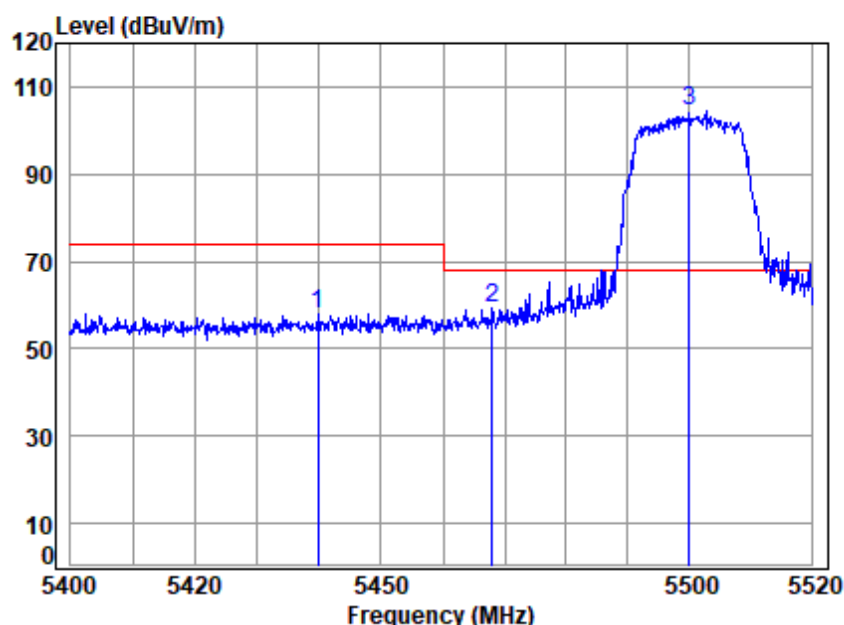
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.430	8.11	34.57	42.58	49.70	49.80	54.00	-4.20	Average
2	5500.000	8.18	34.60	42.56	95.19	95.41	-----	-----	Average



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5500 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5439.787	8.08	34.55	42.60	58.01	58.04	74.00	-15.96	peak
2	5467.957	8.13	34.58	42.58	59.08	59.21	68.20	-8.99	peak
3 *	5500.000	8.18	34.60	42.56	104.08	104.30	68.20	36.10	peak



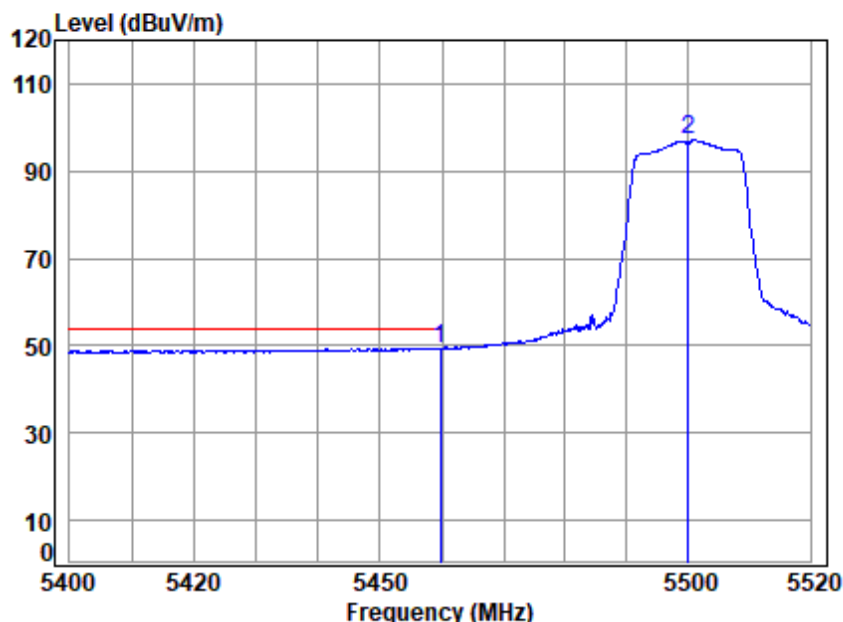
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Mode:n; Polarization:Vertical; Modulation:802.11ac; bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5500 Band edge
: 5G WIFI 11AC20

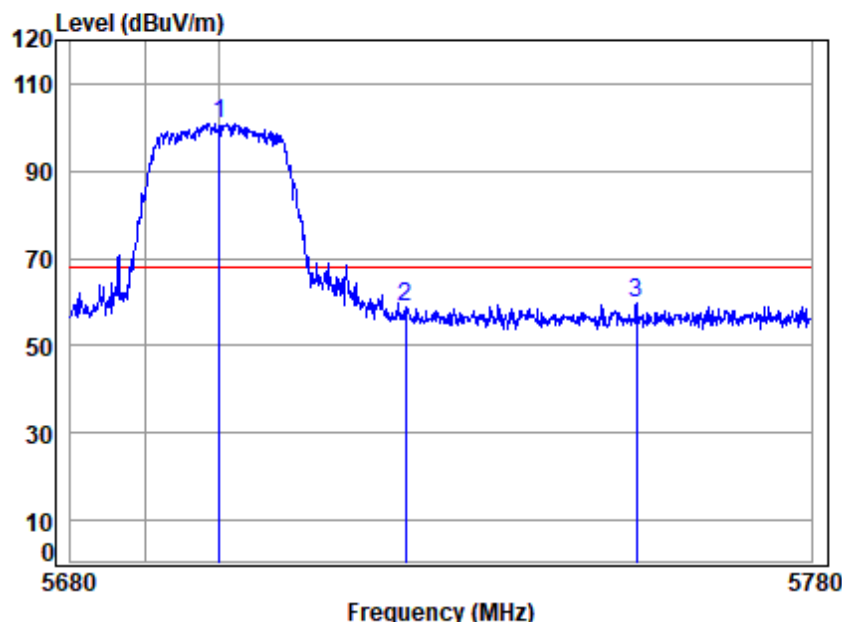
		Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5459.791	8.11	34.57	42.58	49.38	49.48	54.00	-4.52	Average
2	5500.000	8.18	34.60	42.56	96.89	97.11	-----	-----	Average



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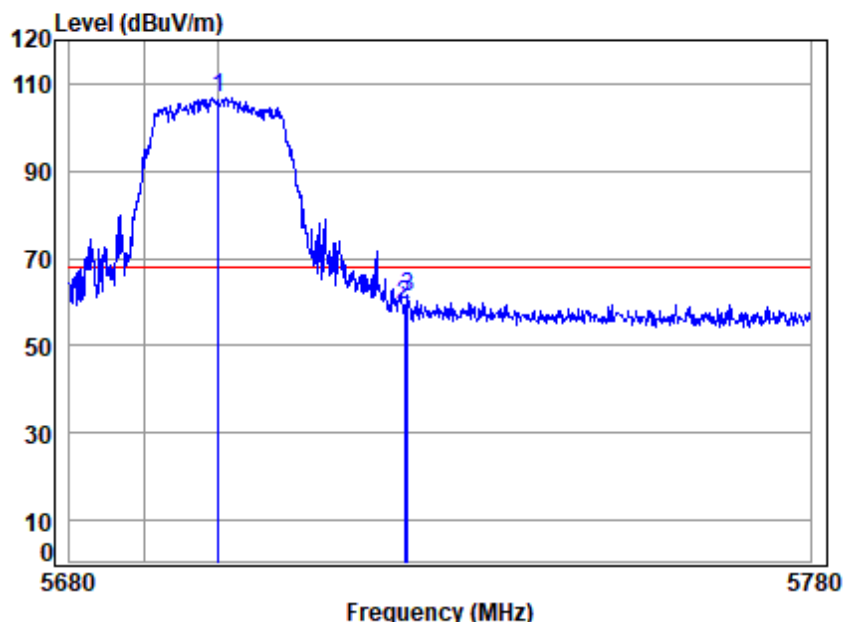
Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5700 Band edge
: 5G WIFI 11AC20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 * 5700.000	8.21	34.81	42.43	100.39	100.98	68.20	32.78 peak
2 5725.000	8.22	34.83	42.41	58.05	58.69	68.20	-9.51 peak
3 5756.242	8.22	34.86	42.39	59.01	59.70	68.20	-8.50 peak

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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5700 Band edge
: 5G WIFI 11AC20

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5700.000	8.21	34.81	42.43	106.22	106.81	68.20	38.61	peak
2 5725.000	8.22	34.83	42.41	58.65	59.29	68.20	-8.91	peak
3 5725.483	8.22	34.83	42.41	60.57	61.21	68.20	-6.99	peak

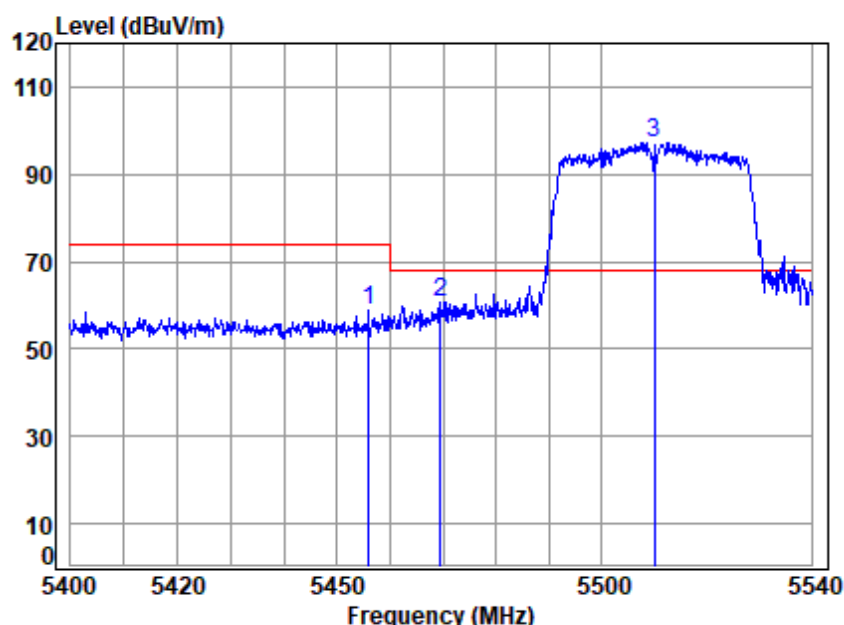


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Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5510 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5455.850	8.11	34.57	42.58	58.57	58.67	74.00	-15.33	peak
2	5469.552	8.13	34.58	42.58	60.38	60.51	68.20	-7.69	peak
3 *	5510.000	8.18	34.61	42.55	97.14	97.38	68.20	29.18	peak



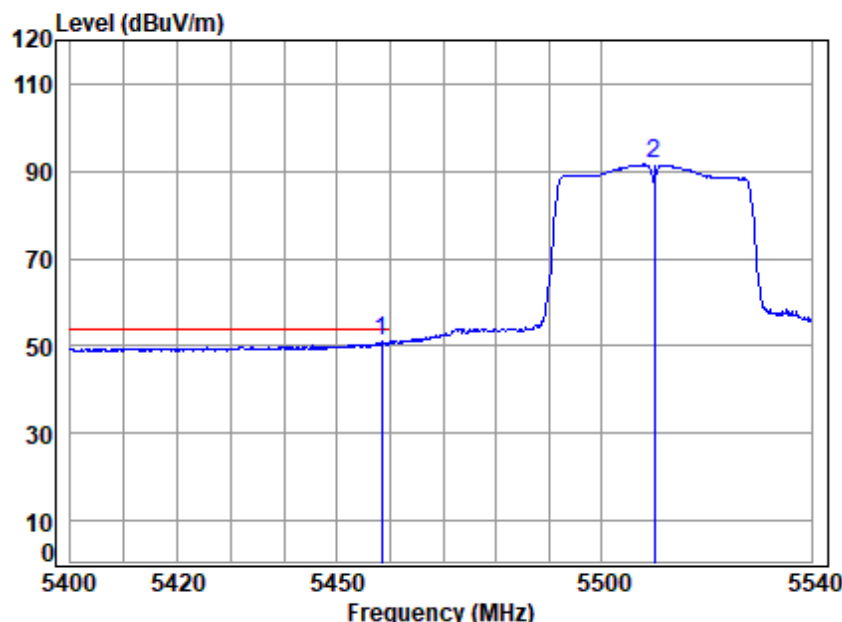
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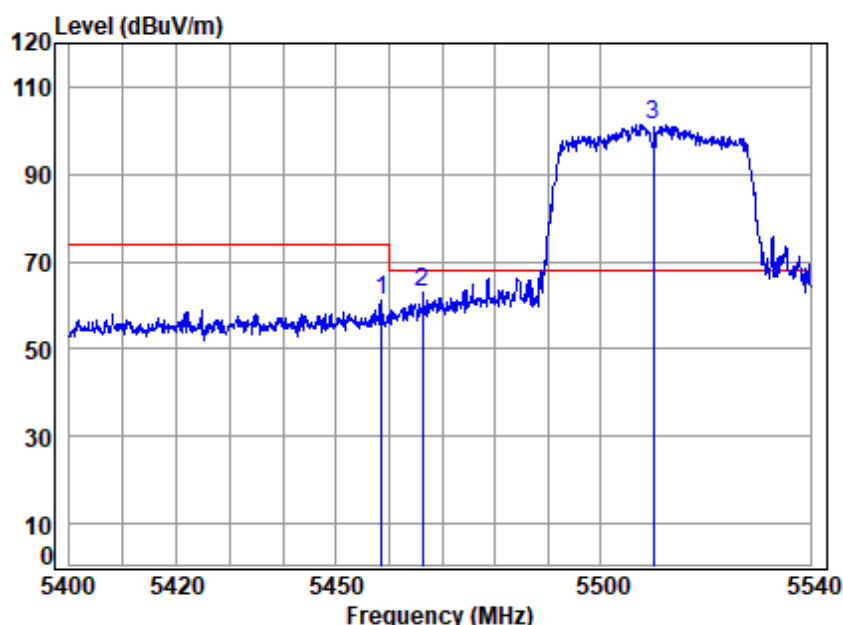
Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5510 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.364	8.11	34.57	42.58	50.83	50.93	54.00	-3.07	Average
2	5510.000	8.18	34.61	42.55	91.29	91.53	-----	-----	Average

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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5510 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.643	8.11	34.57	42.58	60.86	60.96	74.00	-13.04	peak
2	5466.333	8.12	34.57	42.58	62.88	62.99	68.20	-5.21	peak
3 *	5510.000	8.18	34.61	42.55	101.24	101.48	68.20	33.28	peak



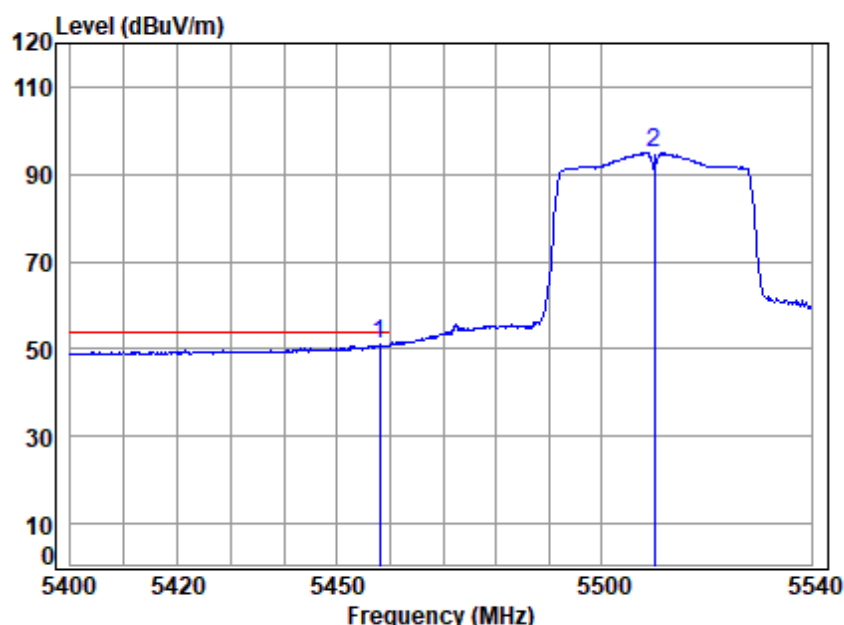
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Mode:n; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5510 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5457.945	8.11	34.57	42.58	50.85	50.95	54.00	-3.05 Average
2	5510.000	8.18	34.61	42.55	94.66	94.90	-----	----- Average



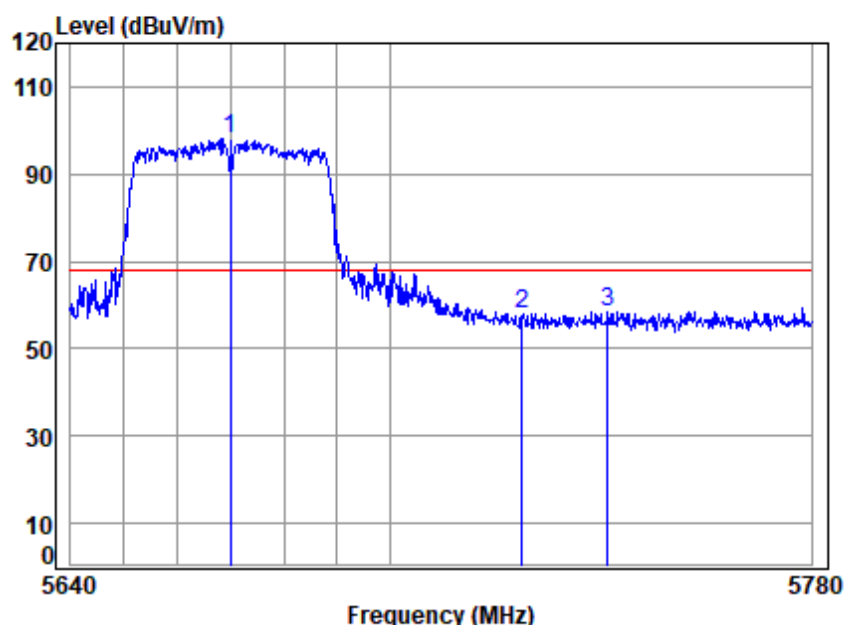
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Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5670 Band edge
: 5G WIFI 11AC40

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5670.000	8.21	34.77	42.45	97.49	98.02	68.20	29.82	peak
2 5725.000	8.22	34.83	42.41	57.12	57.76	68.20	-10.44	peak
3 5741.157	8.22	34.85	42.40	57.91	58.58	68.20	-9.62	peak

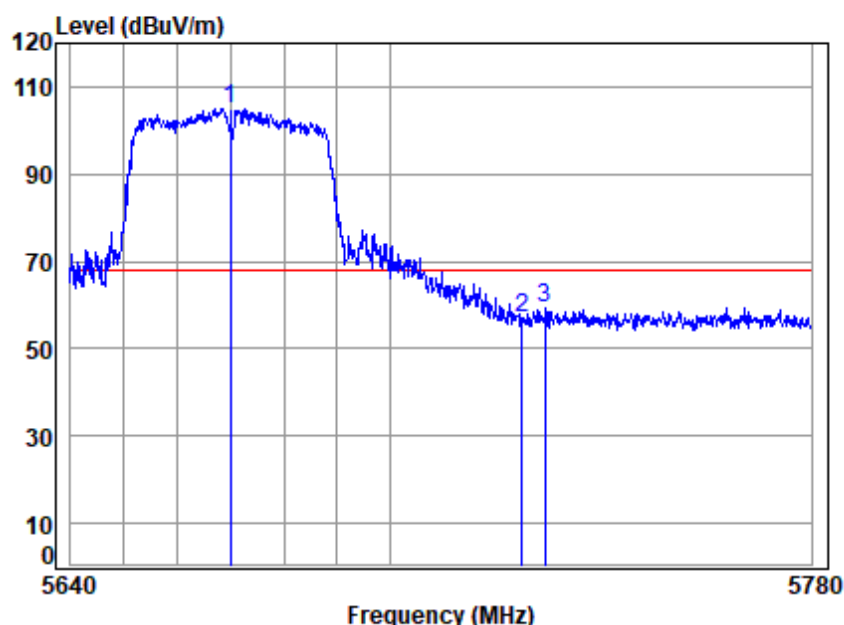


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Mode:n; Polarization:Vertical; Modulation:802.11ac; bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5670 Band edge
: 5G WIFI 11AC40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 * 5670.000	8.21	34.77	42.45	104.62	105.15	68.20	36.95 peak
2 5725.000	8.22	34.83	42.41	56.33	56.97	68.20	-11.23 peak
3 5729.345	8.22	34.83	42.41	58.68	59.32	68.20	-8.88 peak



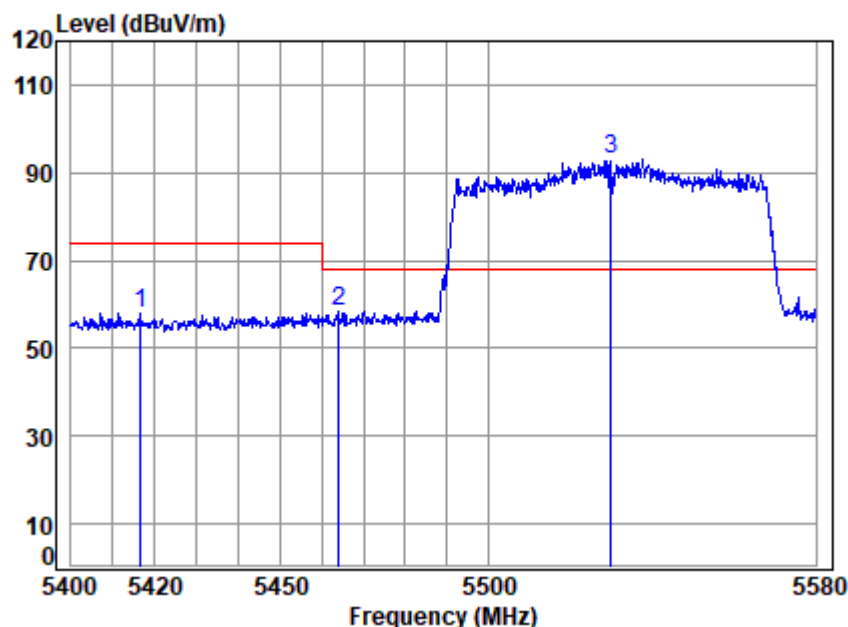
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Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5530 Band edge
: 5G WIFI 11AC80

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5416.670	8.04	34.54	42.61	57.97	57.94	74.00	-16.06	peak
2 5464.121	8.12	34.57	42.58	58.34	58.45	68.20	-9.75	peak
3 * 5530.000	8.19	34.63	42.54	92.62	92.90	68.20	24.70	peak



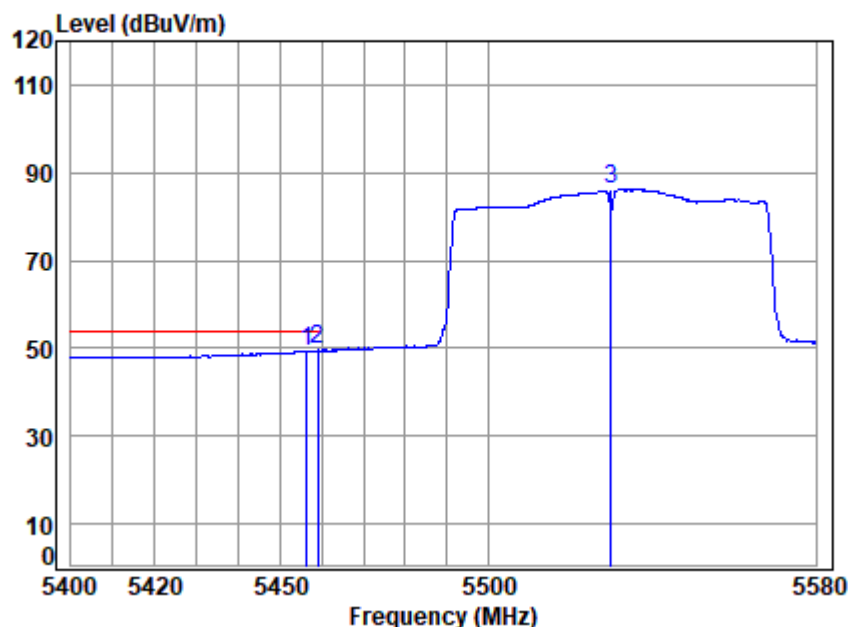
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Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5530 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5456.244	8.11	34.57	42.58	49.18	49.28	54.00	-4.72 Peak
2	5458.928	8.11	34.57	42.58	49.45	49.55	54.00	-4.45 Average
3	5530.000	8.19	34.63	42.54	85.87	86.15	-----	----- Average



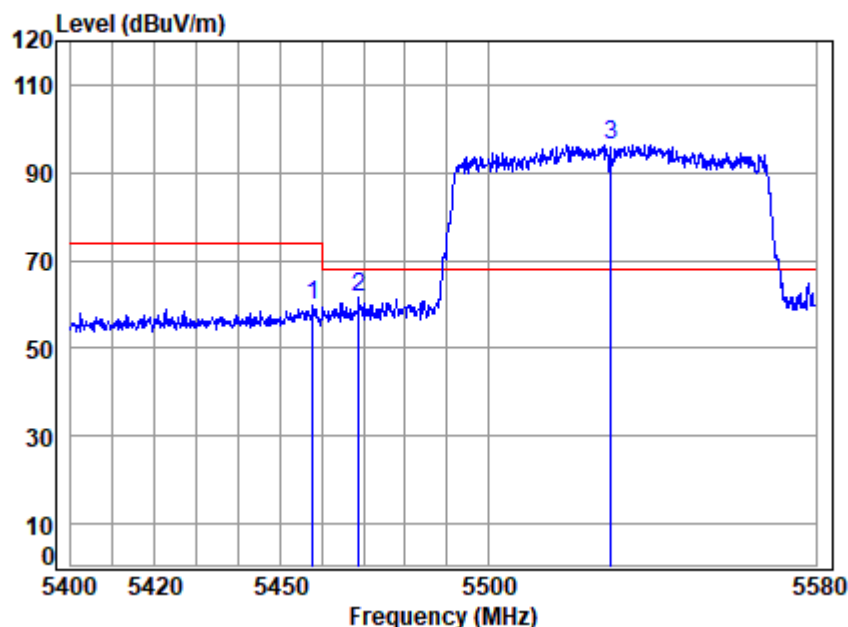
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Mode:n; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5530 Band edge
: 5G WIFI 11AC80

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5457.854	8.11	34.57	42.58	59.81	59.91	74.00	-14.09	Peak
2 5468.961	8.13	34.58	42.58	61.29	61.42	68.20	-6.78	peak
3 * 5530.000	8.19	34.63	42.54	96.11	96.39	68.20	28.19	Peak



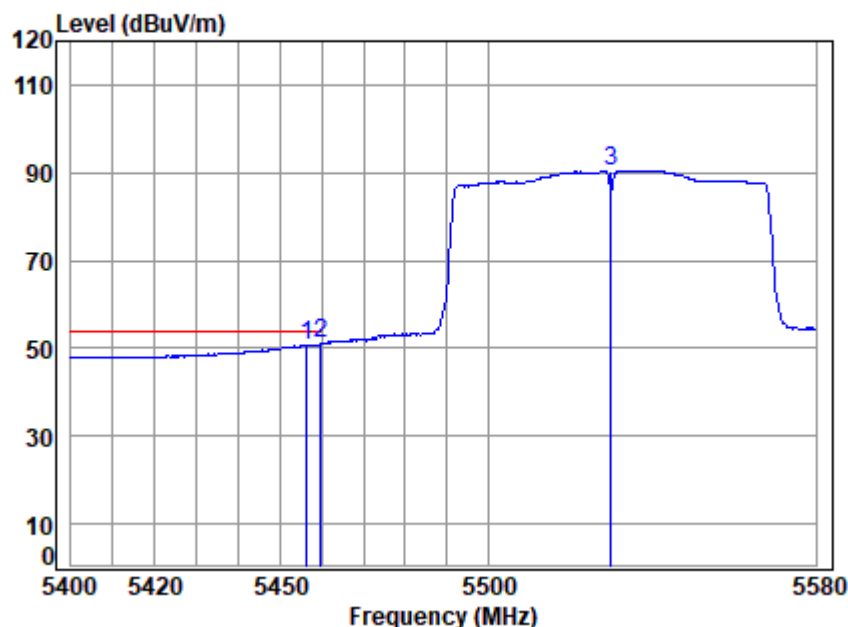
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No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
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Mode:n; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5530 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5456.422	8.11	34.57	42.58	50.56	50.66	54.00	-3.34 Peak
2	5459.644	8.11	34.57	42.58	50.83	50.93	54.00	-3.07 Average
3	5530.000	8.19	34.63	42.54	90.27	90.55	-----	----- Average



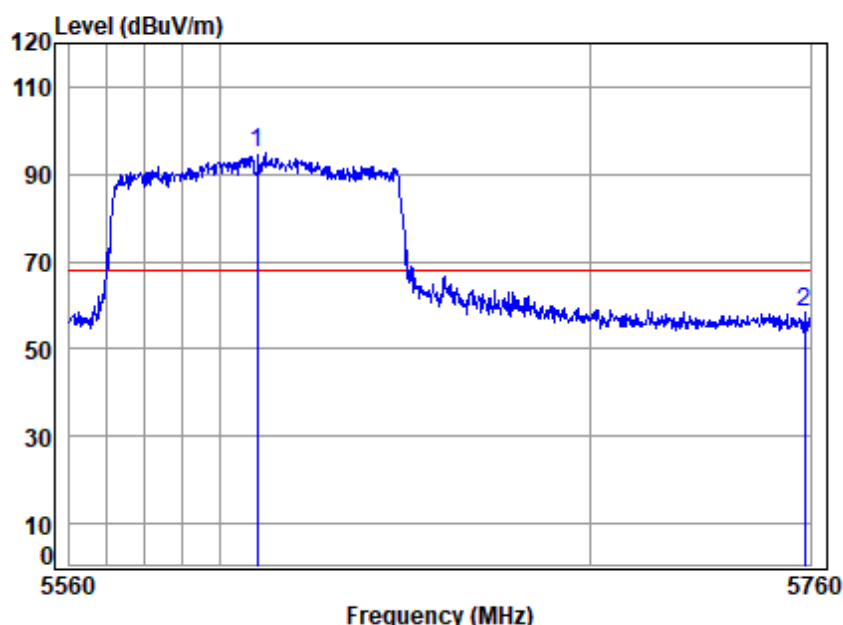
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Mode:n; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5610 Band edge
: 5G WIFI 11AC80

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 * 5610.000	8.20	34.71	42.48	94.29	94.72	68.20	26.52	peak
2 5758.575	8.22	34.86	42.39	57.72	58.41	68.20	-9.79	peak

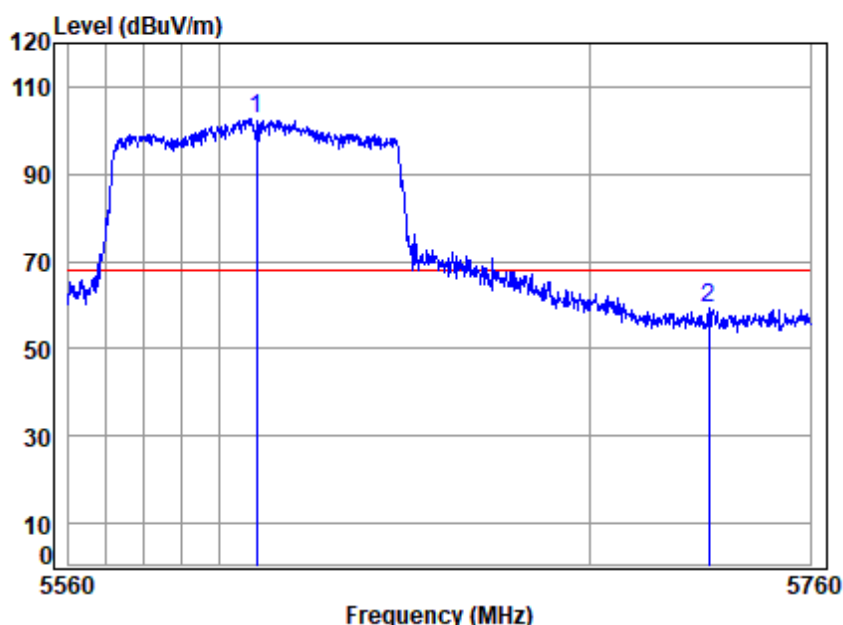


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Mode:n; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 06292CR/06293CR

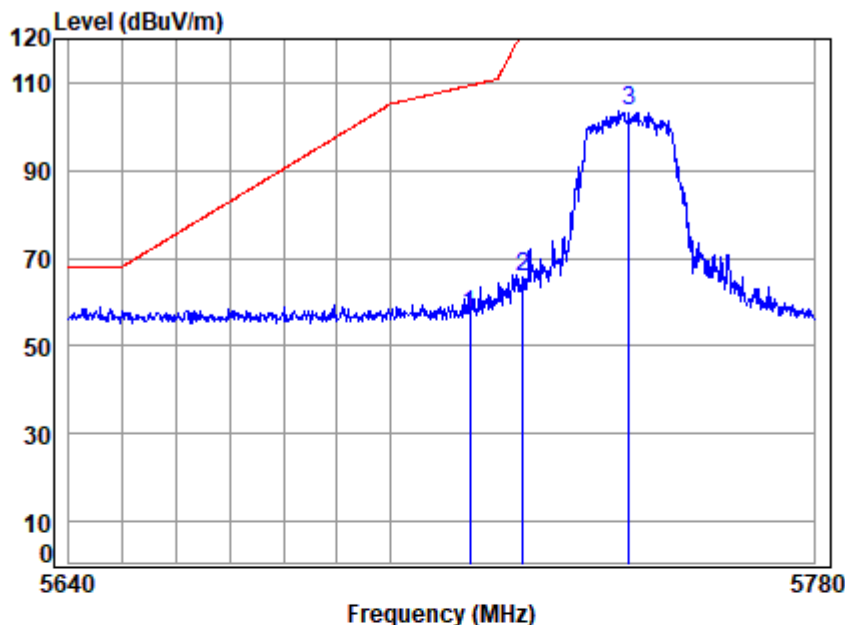
Mode : 5610 Band edge

: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 *	5610.000	8.20	34.71	42.48	102.18	102.61	68.20	34.41 peak
2	5732.180	8.22	34.84	42.41	58.73	59.38	68.20	-8.82 peak



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

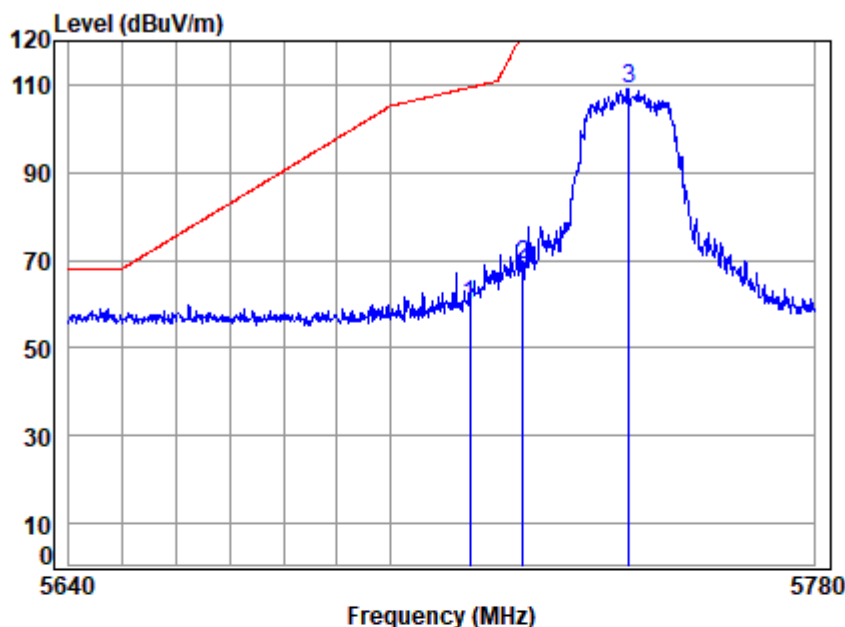


Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5745 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.22	34.82	42.42	56.50	57.12	109.40	-52.28 peak
2	5725.000	8.22	34.83	42.41	65.28	65.92	122.20	-56.28 peak
3	5745.000	8.22	34.85	42.40	102.99	103.66	-----	----- peak



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

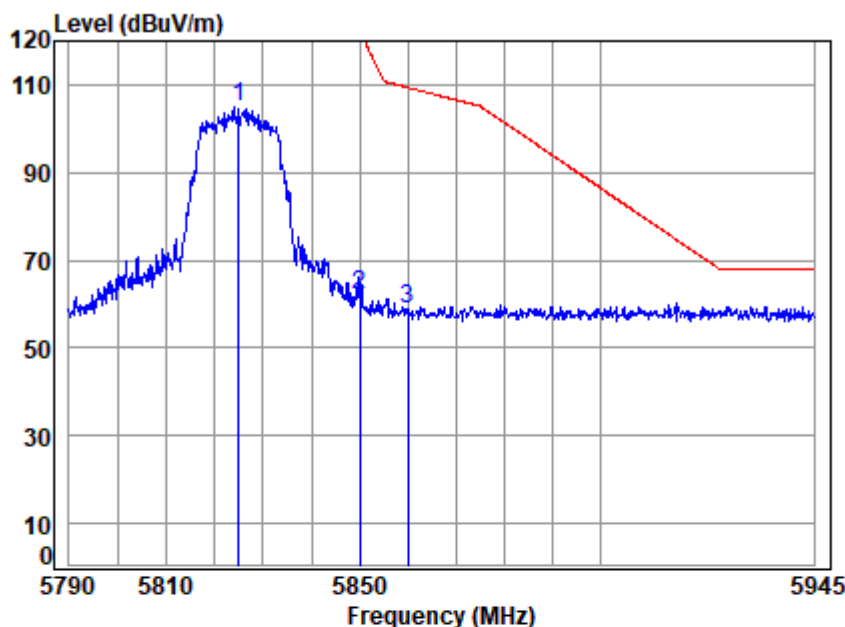


Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5745 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.22	34.82	42.42	59.34	59.96	109.40	-49.44
2	5725.000	8.22	34.83	42.41	68.20	68.84	122.20	-53.36
3	5745.000	8.22	34.85	42.40	108.33	109.00	-----	-----



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5825 Band edge
: 5G WIFI 11A

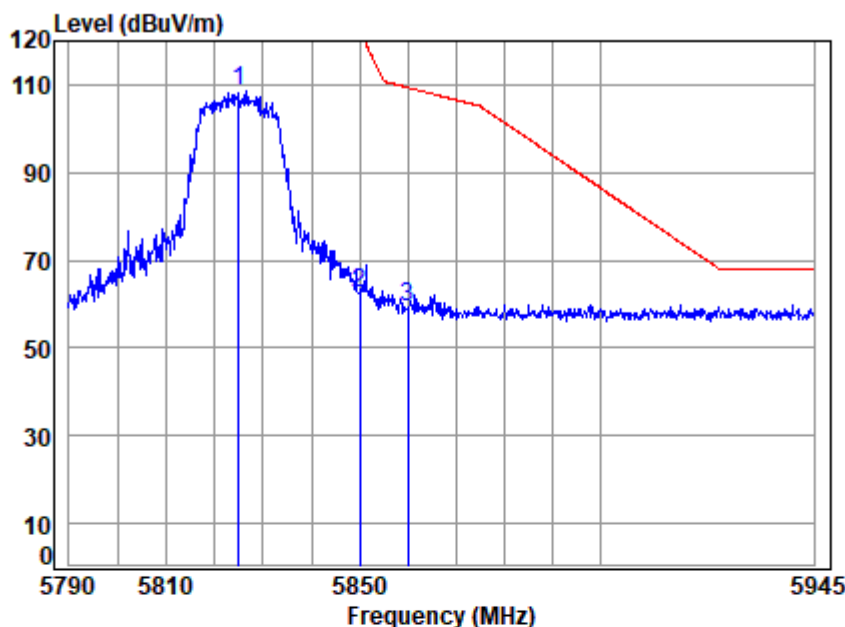
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5825.000	8.23	34.93	42.35	104.20	105.01	-----	----- peak
2	5850.000	8.24	34.95	42.33	61.16	62.02	122.20	-60.18 peak
3	5860.000	8.24	34.96	42.33	58.03	58.90	109.40	-50.50 peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5825 Band edge
: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5825.000	8.23	34.93	42.35	107.91	108.72	-----	----- peak
2	5850.000	8.24	34.95	42.33	61.78	62.64	122.20	-59.56 peak
3	5860.000	8.24	34.96	42.33	58.42	59.29	109.40	-50.11 peak

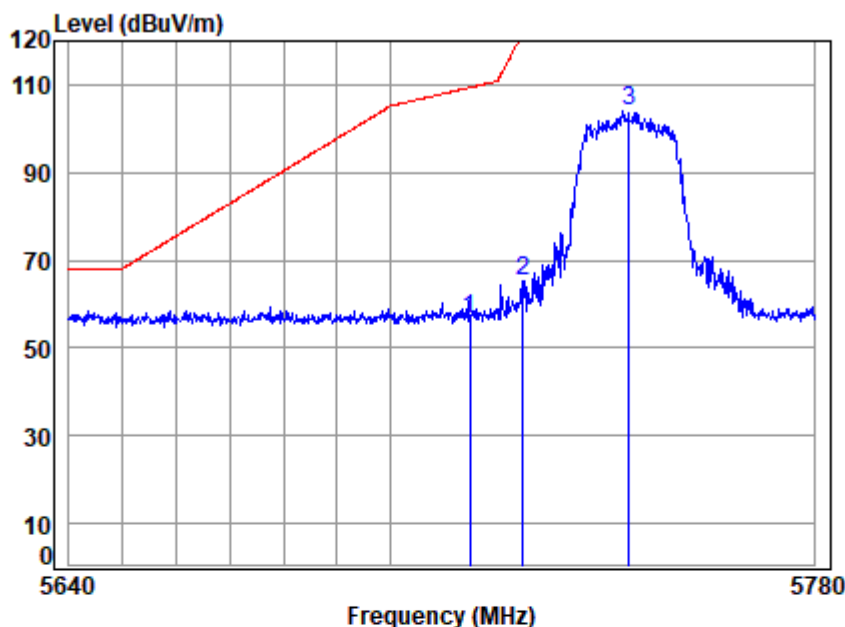


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Mode:o; Polarization:Horizontal; Modulation:802.11n; bandwidth:20MHz; Channel:Low



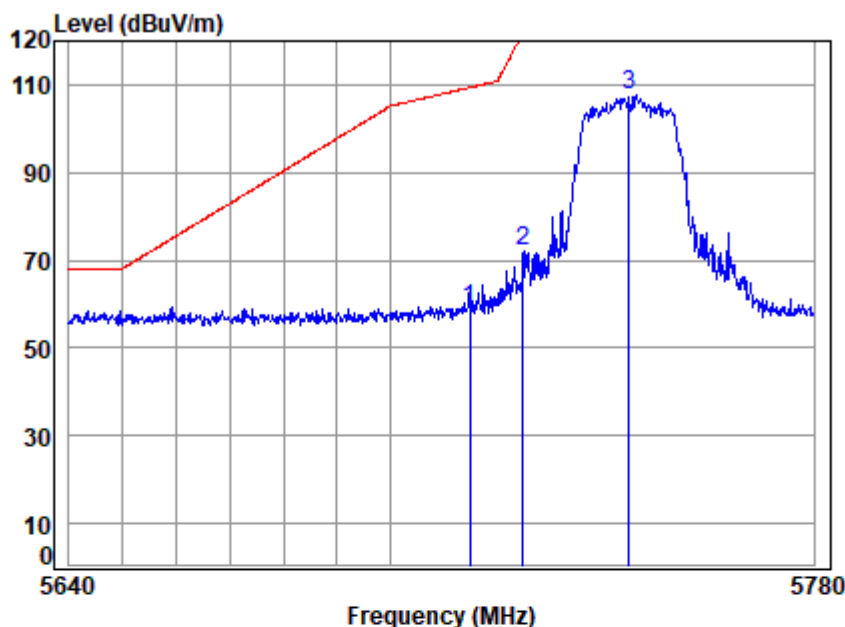
Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5745 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.22	34.82	42.42	56.15	56.77	109.40	-52.63
2	5725.000	8.22	34.83	42.41	64.78	65.42	122.20	-56.78
3	5745.000	8.22	34.85	42.40	103.31	103.98	-----	-----
								peak
								peak
								peak



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

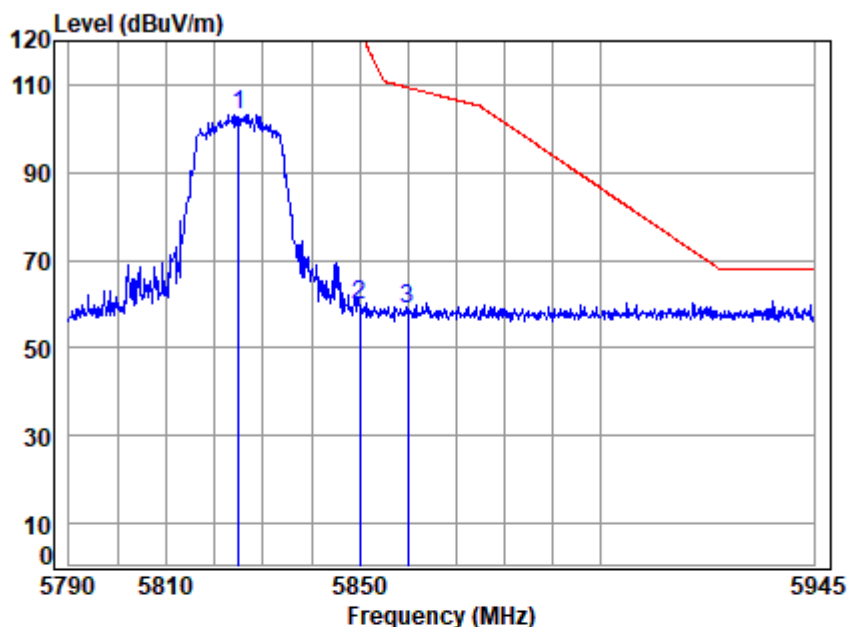


Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5745 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.22	34.82	42.42	58.16	58.78	109.40	-50.62 peak
2	5725.000	8.22	34.83	42.41	71.61	72.25	122.20	-49.95 peak
3	5745.000	8.22	34.85	42.40	106.87	107.54	-----	----- peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5825 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5825.000	8.23	34.93	42.35	102.47	103.28	-----	----- peak
2	5850.000	8.24	34.95	42.33	58.84	59.70	122.20	-62.50 peak
3	5860.000	8.24	34.96	42.33	58.03	58.90	109.40	-50.50 peak

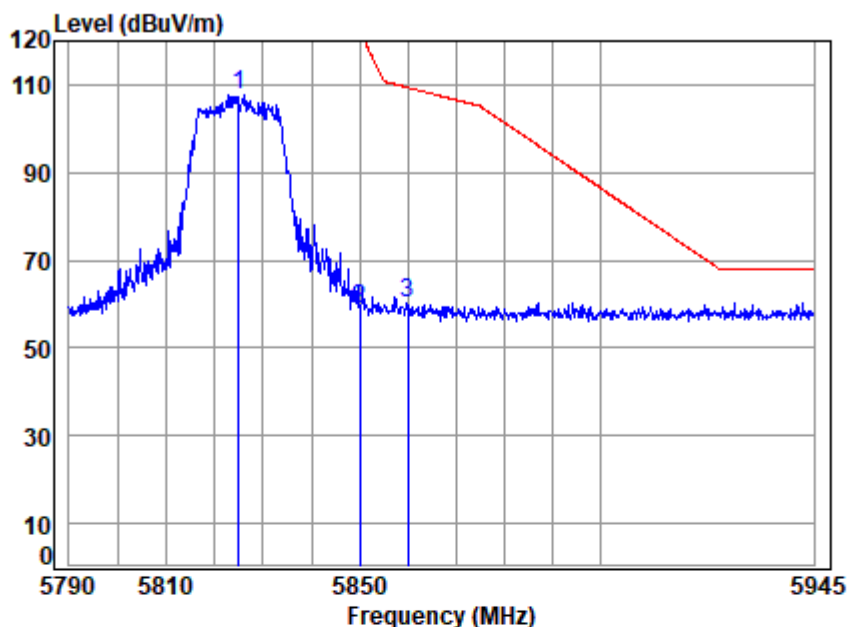


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Mode:o; Polarization:Vertical; Modulation:802.11n; bandwidth:20MHz; Channel:High

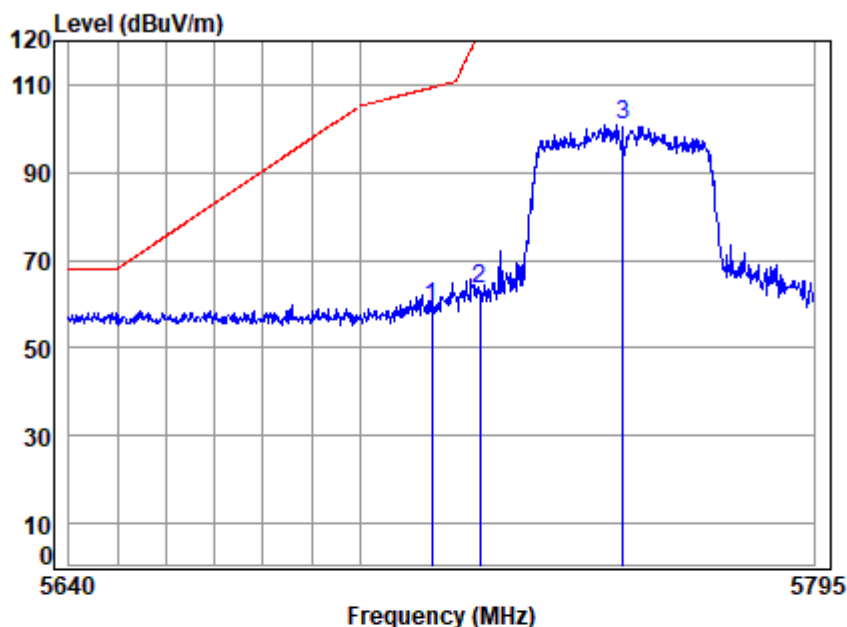


Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5825 Band edge
: 5G WIFI 11N20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5825.000	8.23	34.93	42.35	106.73	107.54	-----	-----	peak
2 5850.000	8.24	34.95	42.33	58.17	59.03	122.20	-63.17	peak
3 5860.000	8.24	34.96	42.33	59.26	60.13	109.40	-49.27	peak



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5755 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.22	34.82	42.42	58.84	59.46	109.40	-49.94 peak
2	5725.000	8.22	34.83	42.41	62.98	63.62	122.20	-58.58 peak
3	5755.000	8.22	34.86	42.39	100.27	100.96	-----	----- peak

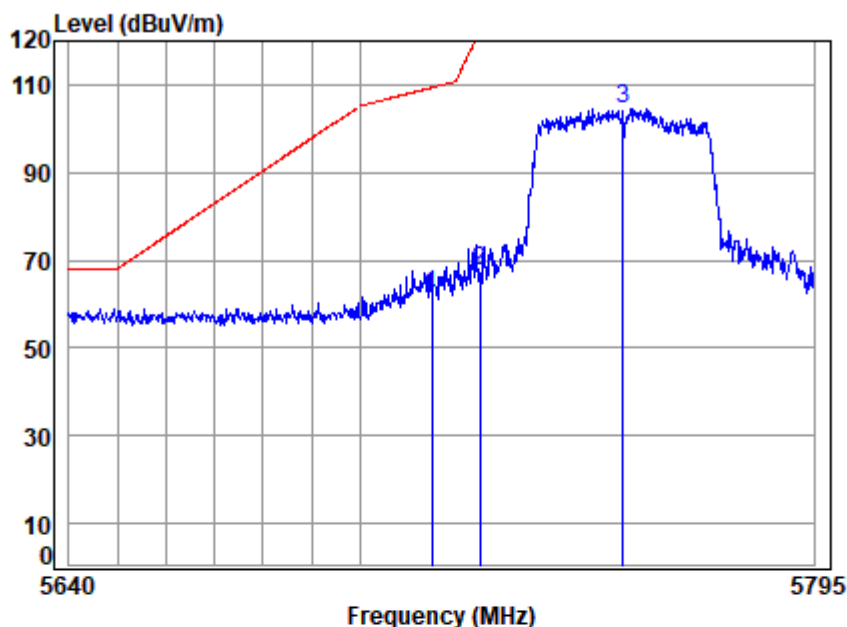


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Mode:o; Polarization:Vertical; Modulation:802.11n; bandwidth:40MHz; Channel:Low

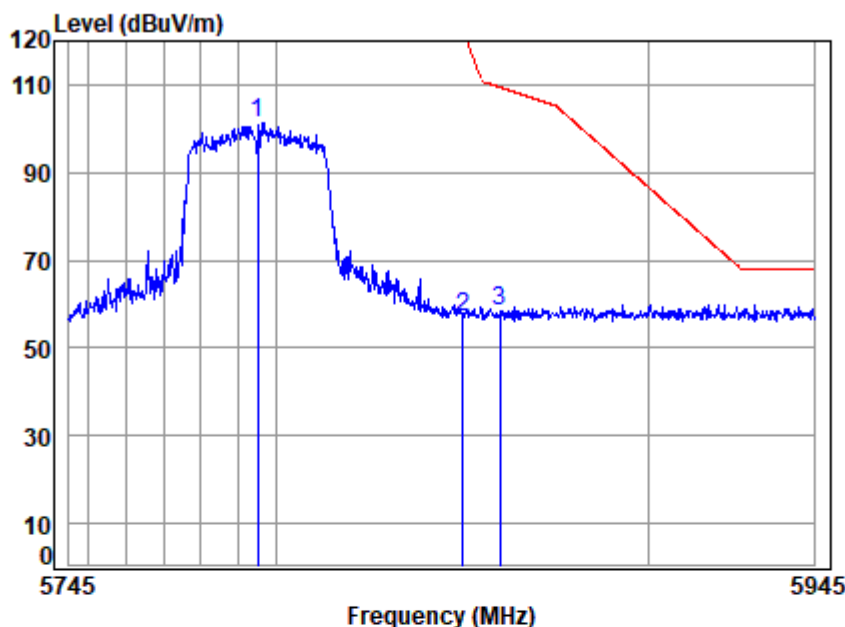


Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5755 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.22	34.82	42.42	61.57	62.19	109.40	-47.21 peak
2	5725.000	8.22	34.83	42.41	67.09	67.73	122.20	-54.47 peak
3	5755.000	8.22	34.86	42.39	103.95	104.64	-----	----- peak



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

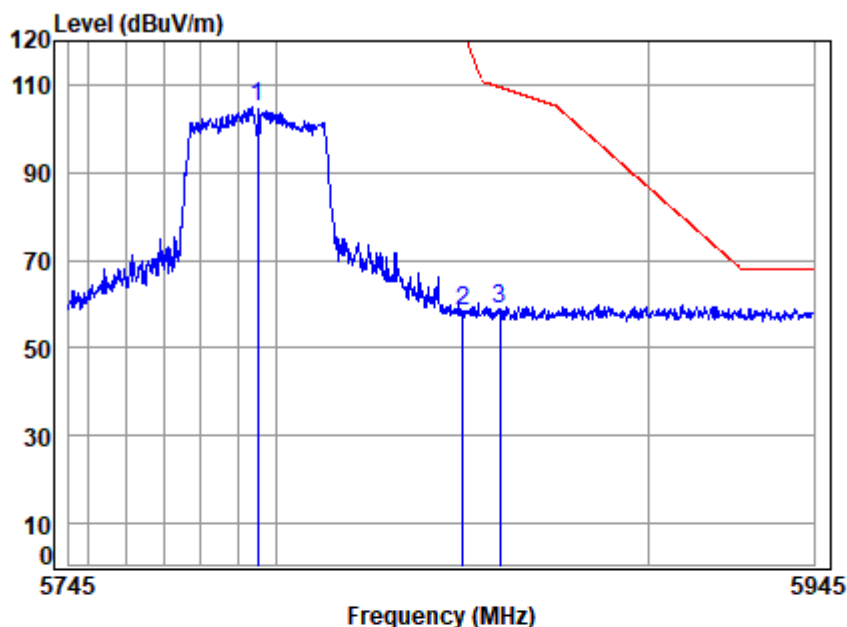


Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5795 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5795.000	8.23	34.90	42.37	100.45	101.21	-----	----- peak
2	5850.000	8.24	34.95	42.33	56.00	56.86	122.20	-65.34 peak
3	5860.000	8.24	34.96	42.33	57.75	58.62	109.40	-50.78 peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5795 Band edge
: 5G WIFI 11N40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5795.000	8.23	34.90	42.37	103.96	104.72	-----	----- peak
2	5850.000	8.24	34.95	42.33	57.42	58.28	122.20	-63.92 peak
3	5860.000	8.24	34.96	42.33	57.93	58.80	109.40	-50.60 peak

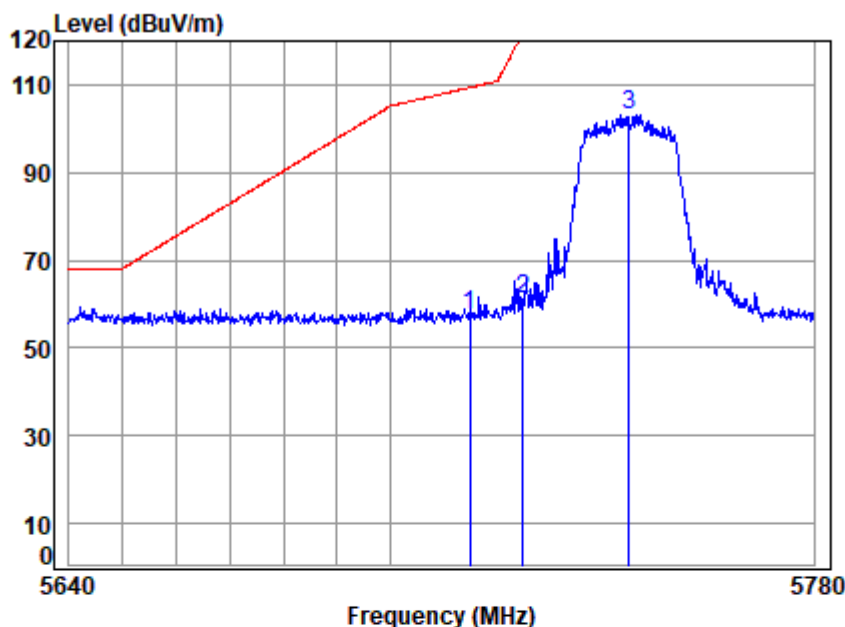


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Mode:o; Polarization:Horizontal; Modulation:802.11ac; bandwidth:20MHz; Channel:Low

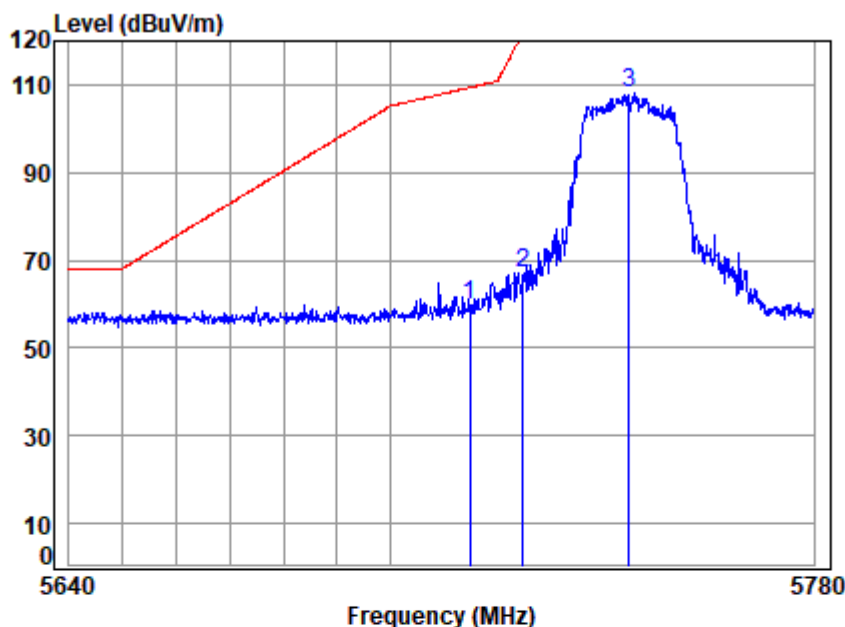


Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5745 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.22	34.82	42.42	56.98	57.60	109.40	-51.80 peak
2	5725.000	8.22	34.83	42.41	60.31	60.95	122.20	-61.25 peak
3	5745.000	8.22	34.85	42.40	102.64	103.31	-----	----- peak



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

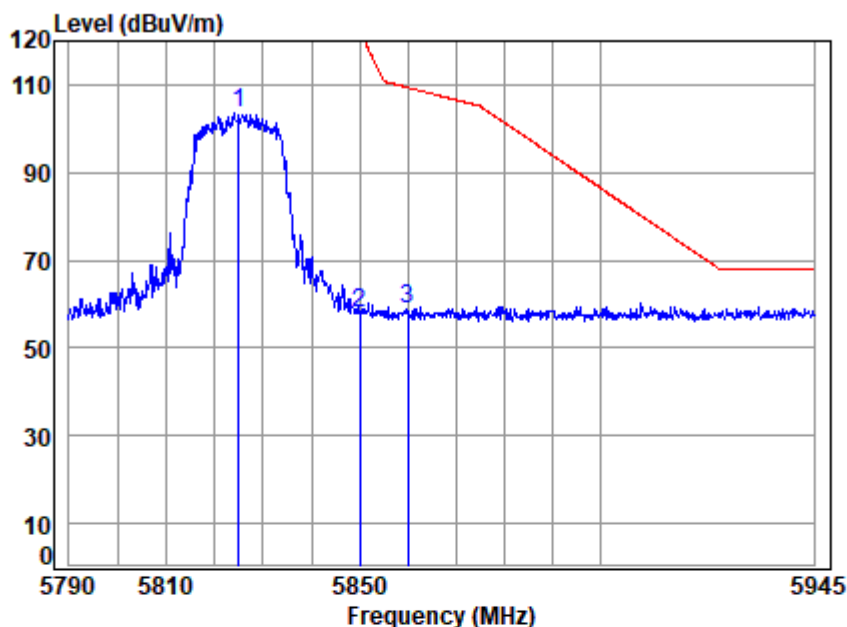


Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5745 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.22	34.82	42.42	59.02	59.64	109.40	-49.76
2	5725.000	8.22	34.83	42.41	66.52	67.16	122.20	-55.04
3	5745.000	8.22	34.85	42.40	107.25	107.92	-----	-----



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

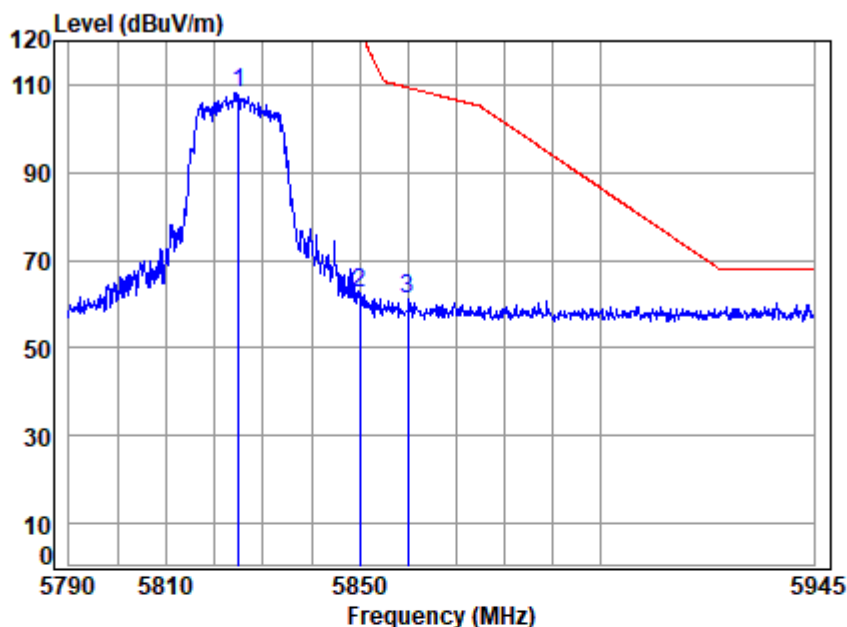


Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5825 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5825.000	8.23	34.93	42.35	102.62	103.43	-----	----- peak
2	5850.000	8.24	34.95	42.33	57.09	57.95	122.20	-64.25 peak
3	5860.000	8.24	34.96	42.33	58.18	59.05	109.40	-50.35 peak



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

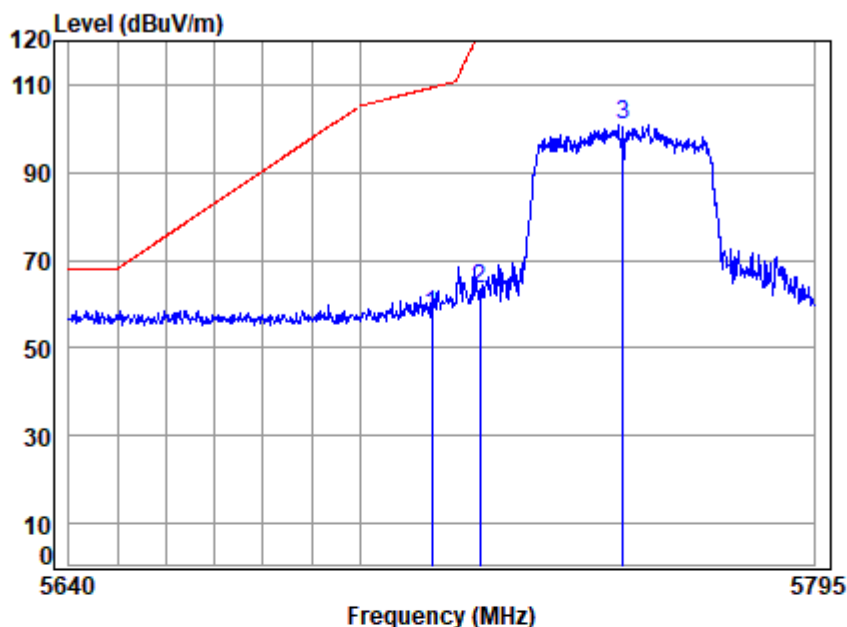


Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5825 Band edge
: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5825.000	8.23	34.93	42.35	107.44	108.25	-----	----- peak
2	5850.000	8.24	34.95	42.33	61.48	62.34	122.20	-59.86 peak
3	5860.000	8.24	34.96	42.33	60.13	61.00	109.40	-48.40 peak



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



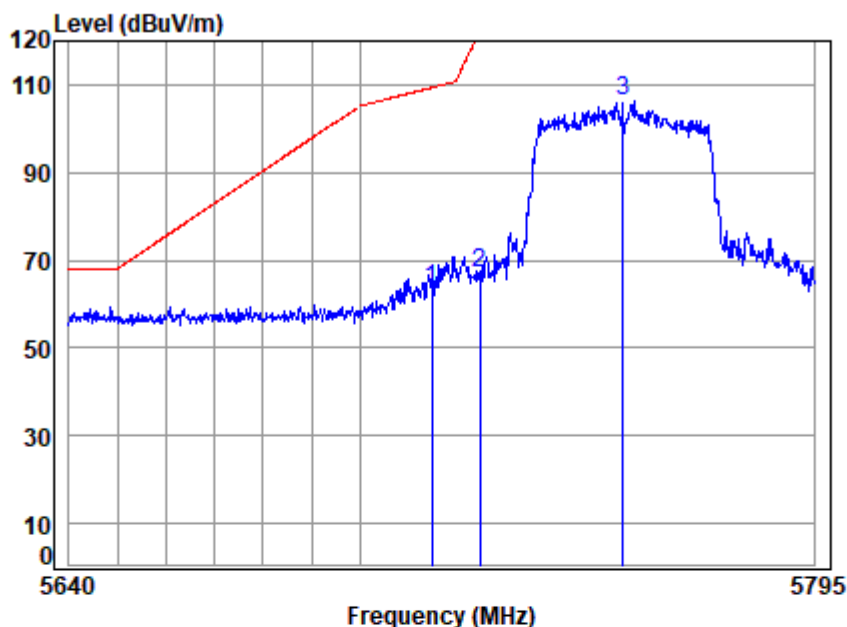
Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5755 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.22	34.82	42.42	57.08	57.70	109.40	-51.70
2	5725.000	8.22	34.83	42.41	62.79	63.43	122.20	-58.77
3	5755.000	8.22	34.86	42.39	100.33	101.02	-----	-----



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



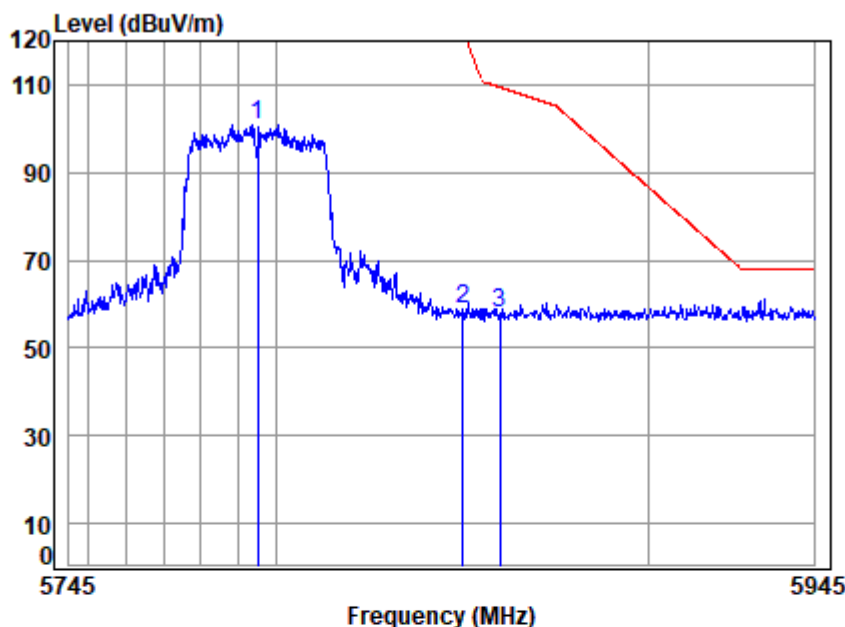
Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5755 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.22	34.82	42.42	62.96	63.58	109.40	-45.82
2	5725.000	8.22	34.83	42.41	66.64	67.28	122.20	-54.92
3	5755.000	8.22	34.86	42.39	105.43	106.12	-----	-----



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



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5795 Band edge
: 5G WIFI 11AC40

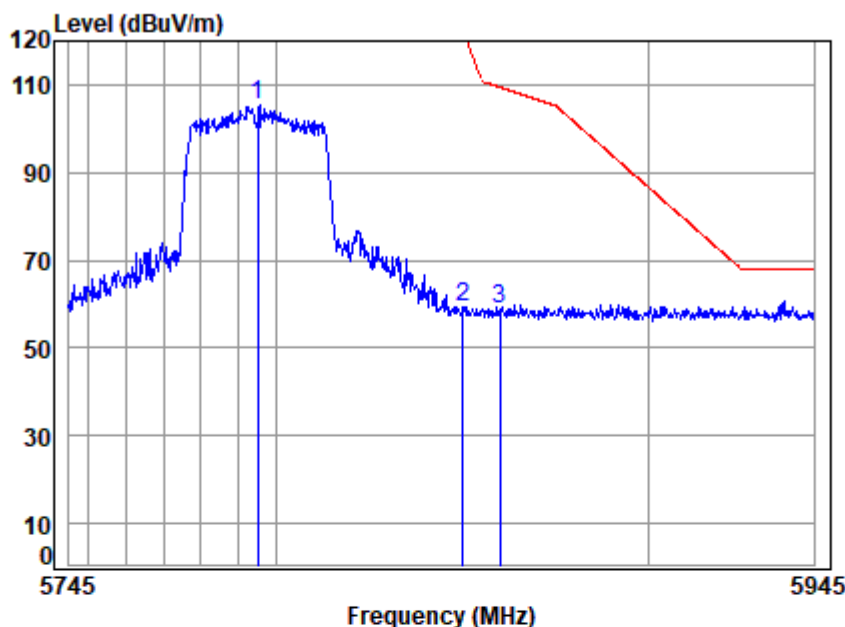
		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5795.000	8.23	34.90	42.37	100.15	100.91	-----	----- peak
2	5850.000	8.24	34.95	42.33	57.90	58.76	122.20	-63.44 peak
3	5860.000	8.24	34.96	42.33	57.09	57.96	109.40	-51.44 peak



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



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5795 Band edge
: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5795.000	8.23	34.90	42.37	104.81	105.57	-----	----- peak
2	5850.000	8.24	34.95	42.33	58.51	59.37	122.20	-62.83 peak
3	5860.000	8.24	34.96	42.33	57.81	58.68	109.40	-50.72 peak

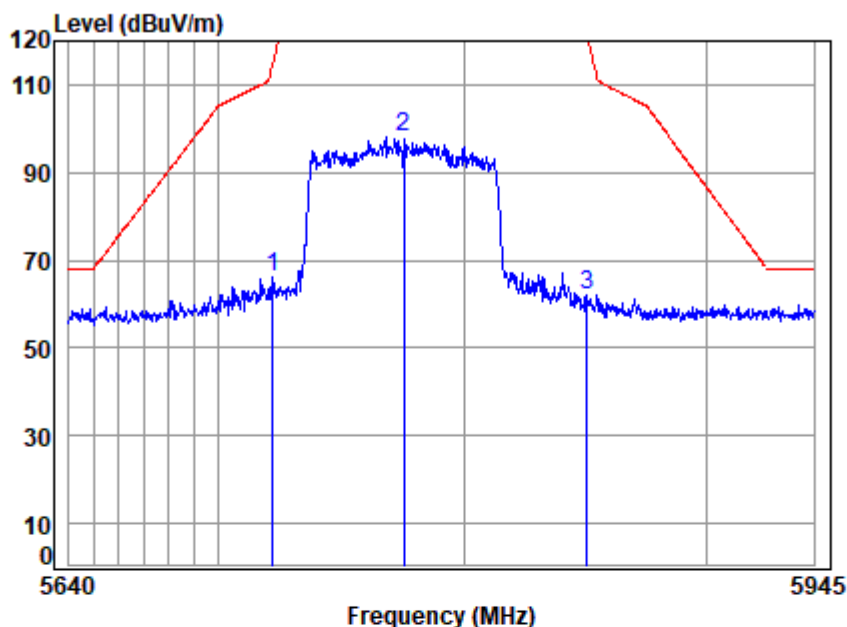


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Mode:o; Polarization:Horizontal; Modulation:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 06292CR/06293CR
Mode : 5775 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5721.677	8.22	34.83	42.41	65.55	66.19	114.62	-48.43
2	5775.000	8.22	34.88	42.38	97.56	98.28	-----	-----
3	5850.267	8.24	34.95	42.33	61.37	62.23	121.59	-59.36

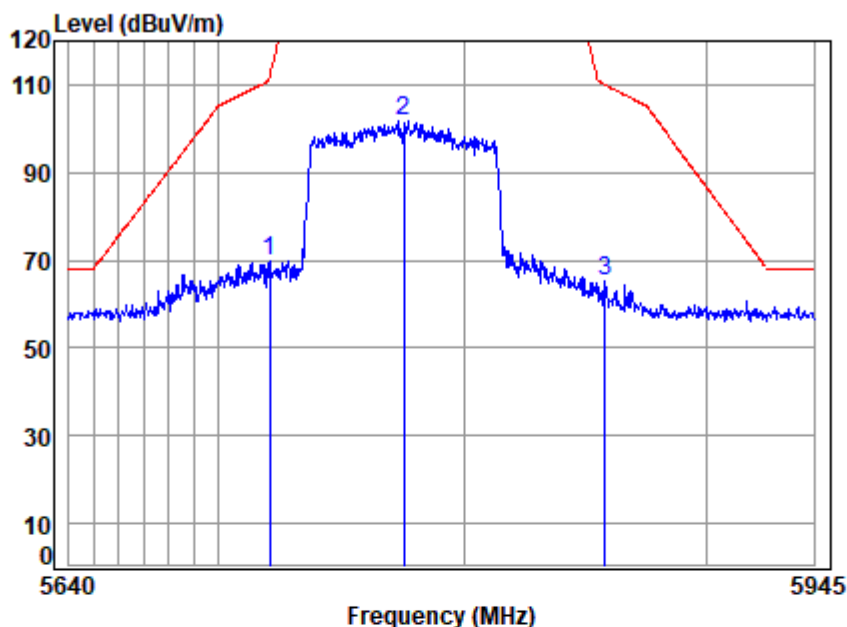


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Mode:o; Polarization:Vertical; Modulation:802.11ac; bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 06292CR/06293CR
Mode : 5775 Band edge
: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read	Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5720.773	8.22	34.83	42.41	68.94	69.58	112.56	-42.98
2	5775.000	8.22	34.88	42.38	100.89	101.61	-----	-----
3	5857.975	8.24	34.96	42.33	64.27	65.14	109.97	-44.83



7.13 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.



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7.13.1 E.U.T. Operation

Operating Environment:

Temperature: 28.4 °C Humidity: 41.5 % RH Atmospheric Pressure: 1010 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.

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.

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.

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.

The worst case
for final test:

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.

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.



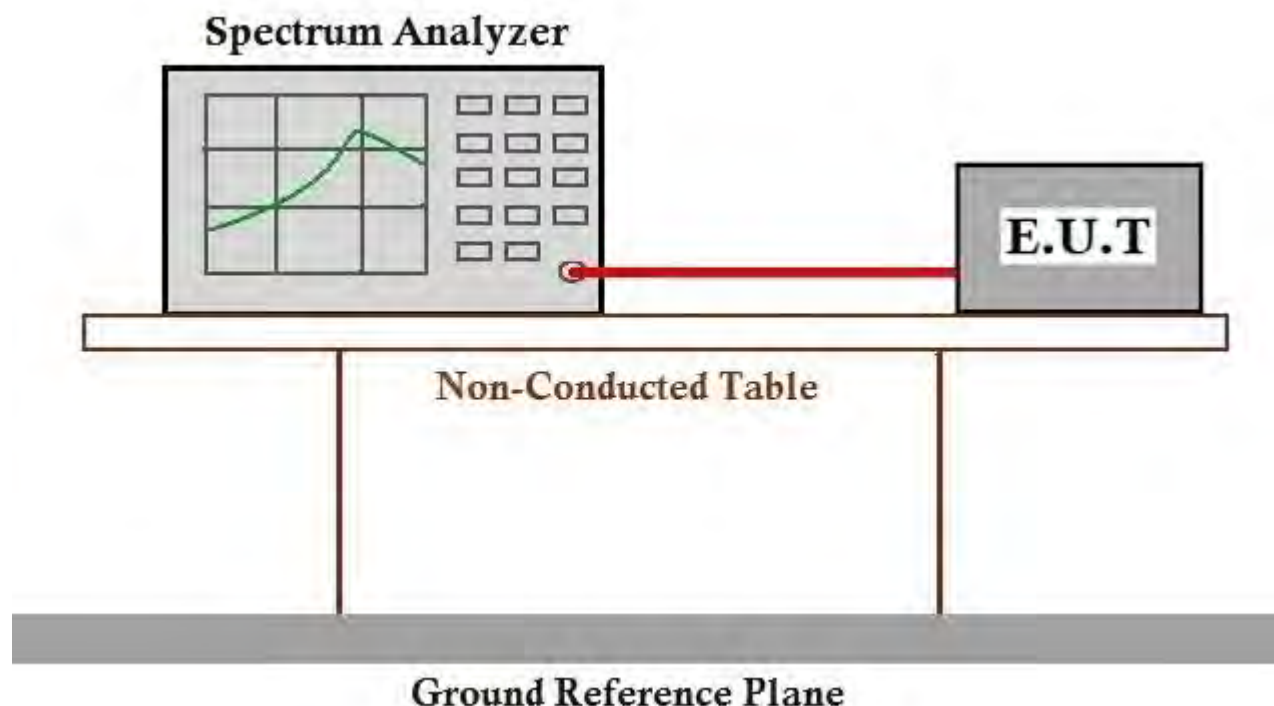
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802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

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.

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.

7.13.2 Test Setup Diagram



7.13.3 Measurement Procedure and Data

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 and meets Section 15.407(g) requirements.

8 Photographs

8.1 Test Setup

Please refer to setup photo.

8.2 EUT Constructional Details (EUT Photos)

Please refer to external and internal photos for details.



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9 Appendix

9.1 Appendix 15.407

1. Duty Cycle

1.1 Test Result

Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T _{on} (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5180	SISO	1	1.395	1.497	93.19	0.31
	5200	SISO	1	1.395	1.497	93.19	0.31
	5240	SISO	1	1.396	1.497	93.25	0.30
	5260	SISO	1	1.396	1.497	93.25	0.30
	5300	SISO	1	1.395	1.497	93.19	0.31
	5320	SISO	1	1.396	1.497	93.25	0.30
	5500	SISO	1	1.396	1.498	93.19	0.31
	5580	SISO	1	1.395	1.498	93.12	0.31
	5600	SISO	1	1.396	1.498	93.19	0.31
	5700	SISO	1	1.396	1.498	93.19	0.31
	5745	SISO	1	1.396	1.497	93.25	0.30
	5785	SISO	1	1.396	1.498	93.19	0.31
	5825	SISO	1	1.396	1.497	93.25	0.30
802.11n(HT20)	5180	SISO	1	1.308	1.409	92.83	0.32
	5200	SISO	1	1.308	1.410	92.77	0.33
	5240	SISO	1	1.308	1.409	92.83	0.32
	5260	SISO	1	1.308	1.410	92.77	0.33
	5300	SISO	1	1.308	1.410	92.77	0.33
	5320	SISO	1	1.308	1.409	92.83	0.32
	5500	SISO	1	1.307	1.409	92.76	0.33
	5580	SISO	1	1.308	1.411	92.70	0.33
	5600	SISO	1	1.308	1.410	92.77	0.33
	5700	SISO	1	1.308	1.410	92.77	0.33
	5745	SISO	1	1.308	1.410	92.77	0.33
	5785	SISO	1	1.307	1.410	92.70	0.33
	5825	SISO	1	1.309	1.410	92.84	0.32
802.11n(HT40)	5190	SISO	1	0.648	0.750	86.40	0.63
	5230	SISO	1	0.648	0.750	86.40	0.63
	5270	SISO	1	0.648	0.749	86.52	0.63
	5310	SISO	1	0.648	0.750	86.40	0.63
	5510	SISO	1	0.648	0.750	86.40	0.63
	5550	SISO	1	0.648	0.750	86.40	0.63

	5590	SISO	1	0.648	0.750	86.40	0.63
	5670	SISO	1	0.648	0.749	86.52	0.63
	5755	SISO	1	0.648	0.749	86.52	0.63
	5795	SISO	1	0.648	0.749	86.52	0.63
802.11ac(VHT20)	5180	SISO	1	1.316	1.418	92.81	0.32
	5200	SISO	1	1.316	1.418	92.81	0.32
	5240	SISO	1	1.316	1.418	92.81	0.32
	5260	SISO	1	1.316	1.418	92.81	0.32
	5300	SISO	1	1.316	1.418	92.81	0.32
	5320	SISO	1	1.316	1.418	92.81	0.32
	5500	SISO	1	1.316	1.418	92.81	0.32
	5580	SISO	1	1.316	1.418	92.81	0.32
	5600	SISO	1	1.316	1.417	92.87	0.32
	5700	SISO	1	1.316	1.418	92.81	0.32
	5745	SISO	1	1.316	1.418	92.81	0.32
	5785	SISO	1	1.316	1.418	92.81	0.32
	5825	SISO	1	1.316	1.418	92.81	0.32
802.11ac(VHT40)	5190	SISO	1	0.656	0.758	86.54	0.63
	5230	SISO	1	0.656	0.758	86.54	0.63
	5270	SISO	1	0.656	0.757	86.66	0.62
	5310	SISO	1	0.660	0.758	87.07	0.60
	5510	SISO	1	0.656	0.758	86.54	0.63
	5550	SISO	1	0.660	0.758	87.07	0.60
	5590	SISO	1	0.656	0.757	86.66	0.62
	5670	SISO	1	0.656	0.757	86.66	0.62
	5755	SISO	1	0.656	0.757	86.66	0.62
	5795	SISO	1	0.656	0.758	86.54	0.63
802.11ac(VHT80)	5210	SISO	1	0.327	0.425	76.94	1.14
	5290	SISO	1	0.326	0.425	76.71	1.15
	5530	SISO	1	0.326	0.426	76.53	1.16
	5610	SISO	1	0.327	0.425	76.94	1.14
	5775	SISO	1	0.327	0.425	76.94	1.14



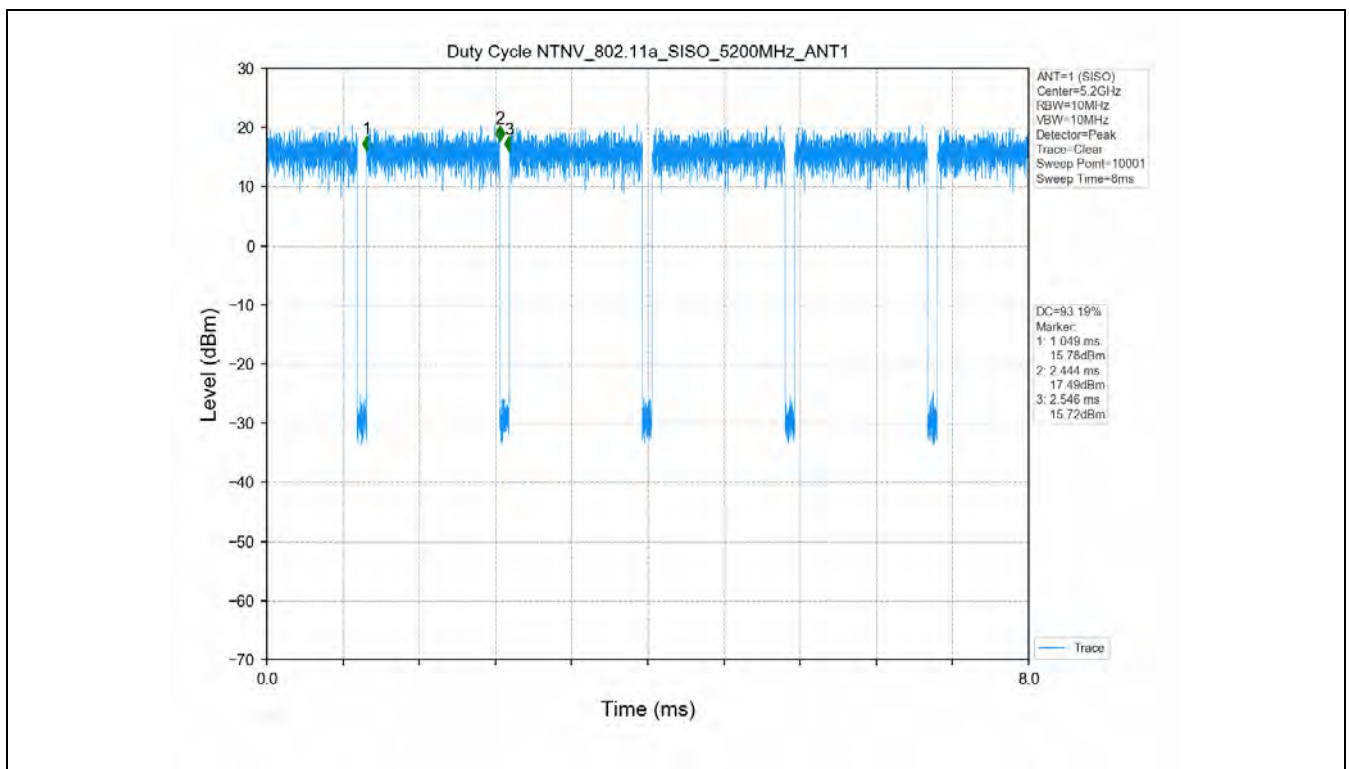
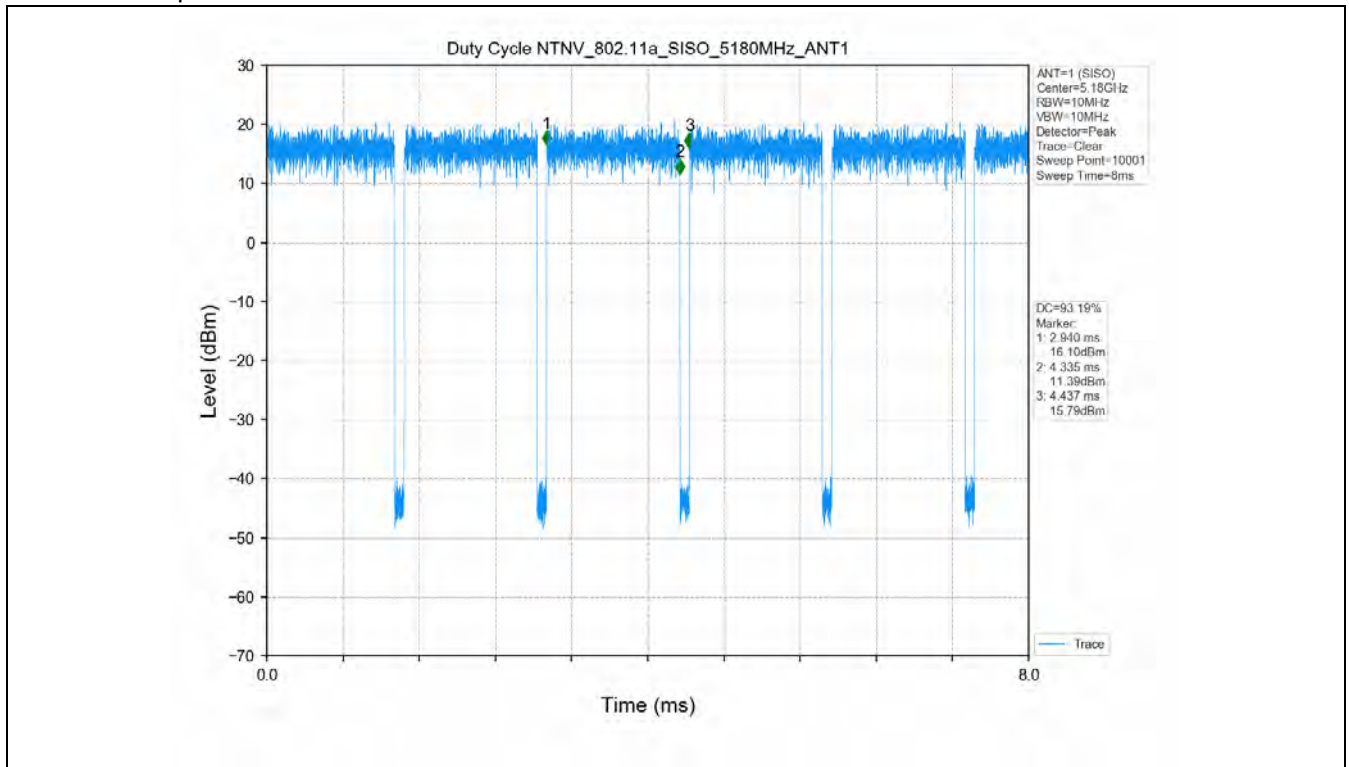
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1.2 Test Graph



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