

Report No.: SZEM200900885203

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### TEST REPORT

Application No.: SZEM2009008852CR

Applicant: Sichuan Al-Link Technology Co., Ltd.

Address of Applicant: Anzhou, Industrial park, Mianyang, Sichuan, china

Manufacturer: Sichuan Al-Link Technology Co., Ltd.

Address of Manufacturer: Anzhou, Industrial park, Mianyang, Sichuan, china

Factory: Sichuan Al-Link Technology Co., Ltd.

Address of Factory: Anzhou, Industrial park, Mianyang, Sichuan, china

**Equipment Under Test (EUT):** 

EUT Name: WIFI module

Model No.: WF-R12B-UWD1, WF-R12B-UWD2, WF-R12B-UWD3 .

Please refer to section 2 of this report which indicates which model was

actually tested and which were electrically identical.

FCC ID: 2AOKI-WFR12BUWD1

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

**Date of Receipt:** 2020-09-04

**Date of Test:** 2020-09-04 to 2020-10-04

**Date of Issue:** 2020-10-04

Test Result: Pass\*

Keny Xu EMC Laboratory Manager

Keny. Ku



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<sup>\*</sup> In the configuration tested, the EUT complied with the standards specified above.



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	Revision Record					
Version	Chapter	Date	Modifier	Remark		
01		2020-10-04		Original		

Authorized for issue by:		
	Robsonti	
	Edison Li/Project Engineer	
	EvicFu	
	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		

Radio Spectrum Matter Par	t			
Item	Standard	Method	Requirement	Result
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

#### Remark:

Model No.: WF-R12B-UWD1, WF-R12B-UWD2, WF-R12B-UWD3

Only the model WF-R12B-UWD1 was tested, since the electrical circuit design, layout, components used, internal wiring and functions were identical for all the above models, with only the model WF-R12B-UWD1 and WF-R12B-UWD2 difference on the connector part and model No., WF-R12B-UWD2 and WF-R12B-UWD3 difference on overall dimension and model No. and for all the above models difference on the cable length of antennas.

This report SZEM200900885203 is prepared for FCC class II permissive change.

The modular approval by TCB, FCC ID:2AOKI-WFR12BUWD1, Granted on 04/16/2020.

According to the declaration from the applicant, this report was an additional report copied from the report SZEM200100064403, just added the antenna 1 series number15 and series number16. The specifications of antenna 1 series number15 and series number16 are shown below:

Antenna Type Code	Antenna Project Code	Max Antenna Gain(dBi)	Cable Length (Unit: cm)	Part No.	Remark
Walsin RF	Metal	2.4G Peak Gain: 1.72dBi	10cm	SLK-T3010-L-XI-B	Series Number15
Device	Antenna1	5G Peak Gain: 2.57dBi	60cm	SLK-T3010-L-XI-B	Series Number16

Since the electrical circuit design, layout, components used and internal wiring were identical, only different by the addition of the antenna 1 series number15 and series number16.

Therefore in this report Radiated Emissions which fall in the restricted bands and Radiated Spurious Emissions of the antenna 1 series number15 and Series Number16 were fully retested on Model WF-R12B-UWD1, and only the antenna 1 series number15 worse data is recorded in this report.



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### 4 General Information

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

Power Supply:	DC 3.3V			
Internal source:	More than 10	8MHz		
Operation Frequency:	Band	Mode	Frequency Range(MHz)	Number of channels
	UNII Band I	802.11a/n(HT20)/ac(HT20)	5180-5240	4
		802.11n(HT40)/ac(HT40)	5190-5230	2
		802.11ac(HT80)	5210	1
	UNII Band	802.11a/n(HT20)/ac(HT20)	5260-5320	4
	II-A	802.11n(HT40)/ac(HT40)	5270-5310	2
		802.11ac(HT80)	5290	1
	UNII Band	802.11a/n(HT20)/ac(HT20)	5500-5700	11
	II-C	802.11n(HT40)/ac(HT40)	5510-5670	5
		802.11ac(HT80)	5530, 5610MHz	2
	UNII Band	802.11a/n(HT20)/ac(HT20)	5745-5825	5
	III	802.11n(HT40)/ac(HT40)	5755-5795	2
		802.11ac(HT80)	5775	1
Modulation Type:	802.11a: OF[	DM(64QAM, 16QAM, QPSK, BP	SK)	
	802.11n: OF[	DM (BPSK, QPSK, 16QAM, 64C	QAM)	
	802.11ac: OF	DM (BPSK, QPSK, 16QAM, 64	QAM, 256QAM)	
DFS Function:	Slave withou	t radar detection		
Sample Type:	Fixed produc	tion		
Antenna Type:	Please refer t	o section 2 of this report.		
Antenna Gain:	Please refer t	o section 2 of this report.		
	Note: two and	tennas can simultaneous transn	nission.	

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Laptop	Lenovo	T430u	REF. No.SEA1800

### 4.3 Measurement Uncertainty

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Test Item	Measurement Uncertainty
Radiated Emissions	± 4.5dB (Below 1GHz); ± 4.8dB (Above 1GHz)
Radiated Emissions which fall in the restricted bands	± 4.5dB (below 1GHz); ± 4.8dB (above 1GHz);

### Remark:

The U<sub>lab</sub> (lab Uncertainty) is less than U<sub>cispr</sub> (CISPR Uncertainty), so the test results

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.



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### 4.4 Test Location

All tests were performed at:

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

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, Guangdong, China. 518057.

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

RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date	Cal. Due date
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2020-07-19	2023-07-18
MXE EMI receiver(3Hz- 3.6GHz)	KEYSIGHT	N9038A	SEM004-15	2019-12-16	2020-12-15
BiConiLog Antenna (26-3000MHz)	ETS-LINDGREN	3142C	SEM003-02	2019-05-24	2022-05-23
Pre-amplifier (0.1-1300MHz)	Agilent Technologies	8447D	SEM005-01	2020-04-01	2021-03-31
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2020-07-10	2021-07-09

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
EXA Signal 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
	Compliance			2019-09-25	2020-09-24
Pre-Amplifier	Directions Systems Inc.	PAP-0126	SEM004-11	2020-09-23	2021-09-22
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

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
EXA Signal 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
	Compliance			2019-09-25	2020-09-24
Pre-Amplifier	Directions Systems Inc.	PAP-0126	SEM004-11	2020-09-23	2021-09-22
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



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General used equip	General used equipment										
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)						
Humidity/	Shanghai			2019-09-17	2020-09-16						
Temperature Indicator	Meteorological Industry Factory	ZJ1-2B	SEM002-04	2020-09-15	2021-09-14						
Humidity/				2019-09-17	2020-09-16						
Temperature Indicator	Mingle	N/A	SEM002-08	2020-09-15	2021-09-14						
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 product has two types of antennas for the application, the metal antenna1 can be replaced by the antennas in the table in section 2 of this report, not match this module when the replaceable antennas are not listed on the table in section 2; the metal antenna2 is integrated on the main PCB and no consideration of replacement.

Antenna location: Refer to internal photo.



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### 6.2 Transmission in the Absence of Data

### 6.2.1 Test Requirement:

47 CFR Part 15, Subpart 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 (RTL8812BU-VR) 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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### **Radio Spectrum Matter Test Results**

### 7.1 Radiated Emissions

Test Requirement 47 CFR Part 15, Subpart E 15.407

Test Method: KDB 789033 D02 II G

Measurement Distance: 3m

Limit:

For transmitters operating in the 5.15-5.25 GHz band:

For transmitters operating in the 5.25-5.35 GHz band:

For transmitters operating in the 5.47-5.725 GHz band:

For transmitters operating in the 5.725-5.85 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 (68.2dBuV/m).

All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz (68.2dBuV/m).

All emissions outside of the 5.47-5.725 GHz band shall not exceed an

e.i.r.p. of -27 dBm/MHz (68.2dBuV/m).

(i) All emissions shall be limited to a level of -27 dBm/MHz (68.2dBuV/m) at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz (105.2dBuV/m) 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 (110.8dBuV/m) 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

(122.2dBuV/m) at the band edge.

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

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



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### 7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 23.6 °C Humidity: 56.3 % RH Atmospheric Pressure: 1010 mbar

### 7.1.2 Test Mode Description

7.1.2 TESLIV	7.1.2 Test Mode Description									
Pre-scan / Final test	Mode Code	Description								
Final test	02	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.								
Final test	03	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.								
Final test	04	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.								
Final test	05	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.								



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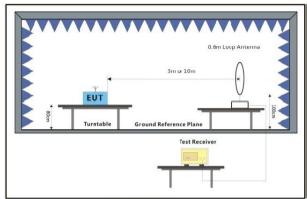
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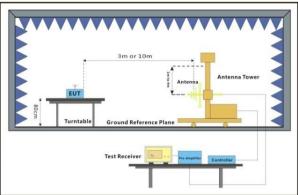


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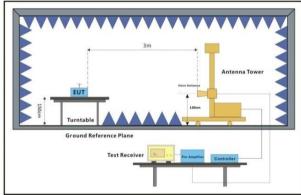
### 7.1.3 Test Setup Diagram





Below 30MHz

30MHz-1GHz



Above 1GHz



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#### 7.1.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete. 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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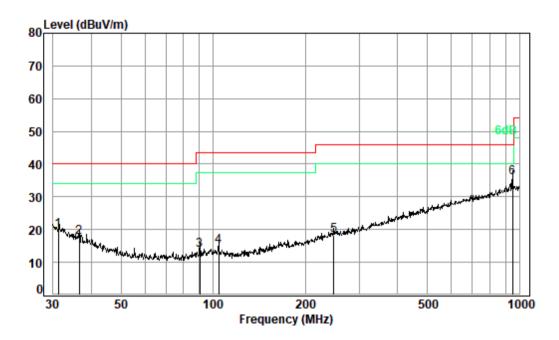
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Test Mode: 02; Polarity: Horizontal;



Condition: 3m HORIZONTAL

Job No. : 08852CR

Test mode: 02

				Preamp					
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	31.29	0.61	21.77	27.73	25.19	19.84	40.00	-20.16	QP
2	36.51	0.67	19.09	27.72	25.72	17.76	40.00	-22.24	QP
3	90.54	1.29	13.15	27.62	26.90	13.72	43.50	-29.78	QP
4	104.17	1.11	13.80	27.58	27.44	14.77	43.50	-28.73	QP
5	247.68	1.62	18.92	27.00	24.77	18.31	46.00	-27.69	QP
6 pp	948.76	3.55	30.05	26.91	29.19	35.88	46.00	-10.12	OP



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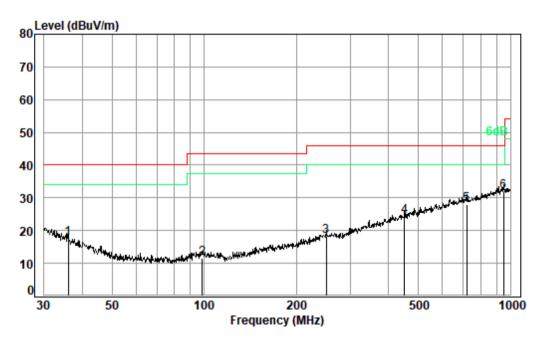
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Test Mode: 02; Polarity: Vertical;



Condition: 3m VERTICAL Job No. : 08852CR

Test mode: 02

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	36.00	0.66	19.33	27.72	25.31	17.58	40.00	-22.42	QP
2	98.49	1.13	13.87	27.61	24.21	11.60	43.50	-31.90	QP
3	250.30	1.64	18.96	26.99	24.59	18.20	46.00	-27.80	QP
4	451.14	2.41	23.59	27.61	25.83	24.22	46.00	-21.78	QP
5	719.20	2.98	28.02	27.88	24.78	27.90	46.00	-18.10	QP
6 pp	948.76	3.55	30.05	26.91	25.29	31.98	46.00	-14.02	QP



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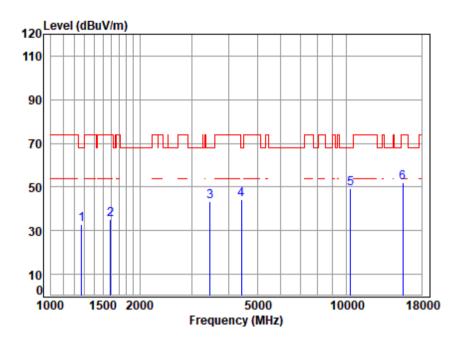
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5180 TX RSE

Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	2.89	24.90	40.34	45.35	32.80	68.20	-35.40	peak
2	1592.571	3.34	26.22	40.57	46.29	35.28	74.00	-38.72	peak
3	3465.510	5.48	31.65	41.68	47.93	43.38	68.20	-24.82	peak
4	4417.841	6.68	33.46	42.49	46.81	44.46	68.20	-23.74	peak
5	10360.000	10.57	37.76	38.17	39.25	49.41	68.20	-18.79	peak
	15540.000								
									•



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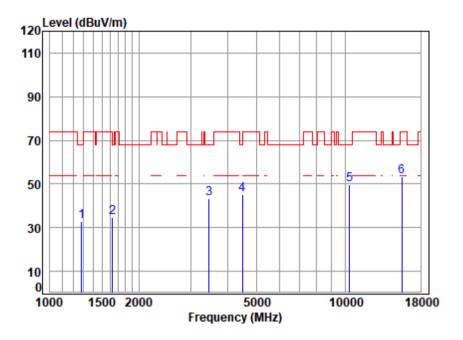
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Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5180 TX RSE Note : 5G WIFI 11A

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1278.492	2.91	24.93	40.35	45.37	32.86	68.20	-35.34	peak
2	1629.825	3.37	26.38	40.59	45.70	34.86	68.20	-33.34	peak
3	3465.510	5.48	31.65	41.68	47.86	43.31	68.20	-24.89	peak
4	4495.125	6.76	33.59	42.55	47.17	44.97	68.20	-23.23	peak
5	10360.000	10.57	37.76	38.17	39.47	49.63	68.20	-18.57	peak
6	15540.000	13.97	40.72	40.58	39.47	53.58	74.00	-20.42	peak



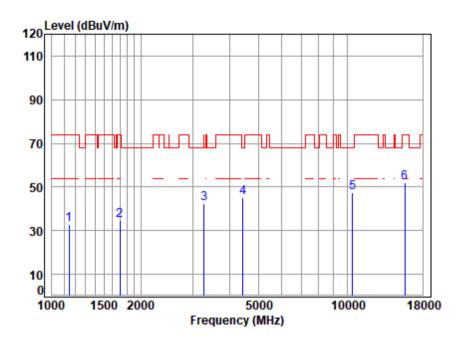
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5220 TX RSE

Mode : 5220 TX RSE Note : 5G WIFI 11A Cable An

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	2.66	24.34	40.24	46.13	32.89	74.00	-41.11	peak
2	1697.129	3.43	26.66	40.63	45.23	34.69	74.00	-39.31	peak
3	3280.326	5.24	31.36	41.50	47.43	42.53	68.20	-25.67	peak
4	4443.453	6.71	33.50	42.51	47.48	45.18	68.20	-23.02	peak
5	10440.000	10.55	37.72	38.21	37.49	47.55	68.20	-20.65	peak
6	15660.000	14.02	40.80	40.58	37.56	51.80	74.00	-22.20	peak



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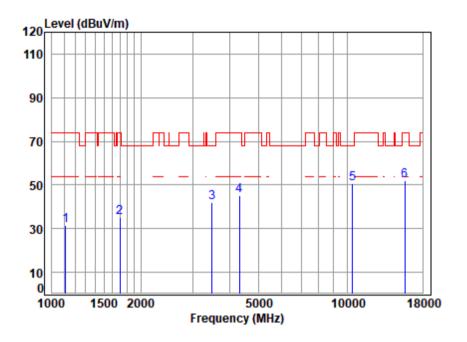
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Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5220 TX RSE Note : 5G WIFI 11A

ote	. 30	MILI	IIA							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1112.872	2.60	24.18	40.21	45.12	31.69	74.00	-42.31	peak	
2	1702.042	3.43	26.68	40.63	45.84	35.32	74.00	-38.68	peak	
3	3485.601	5.50	31.68	41.70	46.34	41.82	68.20	-26.38	peak	
4	4316.859	6.59	33.28	42.41	47.72	45.18	74.00	-28.82	peak	
5	10440.000	10.55	37.72	38.21	40.43	50.49	68.20	-17.71	peak	
6	15660.000	14.02	40.80	40.58	37.97	52.21	74.00	-21.79	peak	



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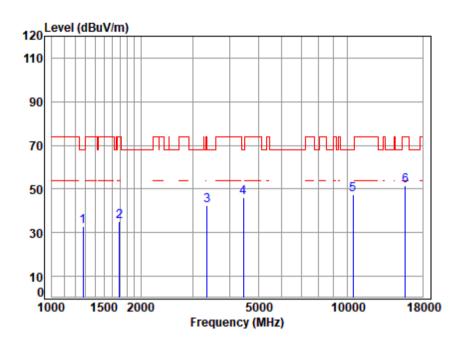
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5240 TX RSE
Note : 5G WIFI 11A

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 1274.802 2.90 24.92 40.34 45.32 32.80 68.20 -35.40 peak 1 2 1692.231 3.42 26.64 40.63 45.65 35.08 74.00 -38.92 peak 3 3357.061 5.34 31.48 41.57 47.20 42.45 74.00 -31.55 peak 33.53 42.52 48.26 45.99 68.20 -22.21 peak 4 4456.315 6.72 5 10480.000 10.54 37.71 38.23 37.54 47.56 68.20 -20.64 peak 15720.000 14.04 40.83 40.57 37.19 51.49 74.00 -22.51 peak



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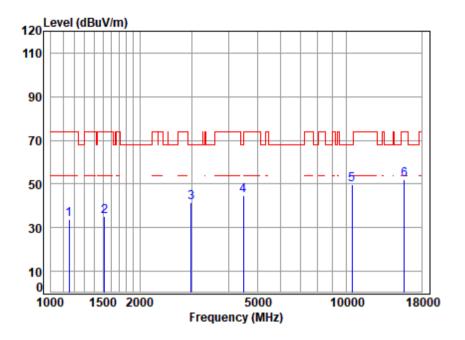
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Report No.: SZEM200900885203

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Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5240 TX RSE Note : 5G WIFI 11A

OCC	. 50	MATI T	1177							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1152.148	2.67	24.37	40.24	46.83	33.63	74.00	-40.37	peak	
2	1520.598	3.28	25.89	40.52	46.37	35.02	74.00	-38.98	peak	
3	2990.531	4.85	30.86	41.20	46.85	41.36	68.20	-26.84	peak	
4	4495.125	6.76	33.59	42.55	46.85	44.65	68.20	-23.55	peak	
5	10480.000	10.54	37.71	38.23	39.54	49.56	68.20	-18.64	peak	
6	15720 000	14 94	40 83	40 57	37 55	51 85	74 00	-22 15	neak	



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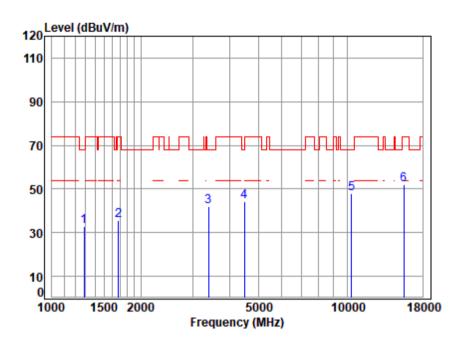
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5180 TX RSE
Note : 5G WIFI 11N20

	0.1.1	_						
	Capte	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
4205 004	2 02	24.06	40.35	45 54	22.07	60.00	25.42	
1285.904	2.92	24.96	40.35	45.54	33.07	68.20	-35.13	реак
1682.477	3.42	26.60	40.62	46.27	35.67	74.00	-38.33	peak
3396.098	5.39	31.54	41.61	46.60	41.92	68.20	-26.28	peak
4482.150	6.74	33.57	42.54	46.63	44.40	68.20	-23.80	peak
10360.000	10.57	37.76	38.17	37.93	48.09	68.20	-20.11	peak
15540.000	13.97	40.72	40.58	37.89	52.00	74.00	-22.00	peak
	MHz 1285.904 1682.477 3396.098 4482.150 10360.000	Freq Loss  MHz dB  1285.904 2.92 1682.477 3.42 3396.098 5.39 4482.150 6.74 10360.000 10.57	Freq Loss Factor  MHz dB dB/m  1285.904 2.92 24.96 1682.477 3.42 26.60 3396.098 5.39 31.54 4482.150 6.74 33.57 10360.000 10.57 37.76	Freq         Loss Factor         Factor           MHz         dB         dB/m         dB           1285.904         2.92         24.96         40.35           1682.477         3.42         26.60         40.62           3396.098         5.39         31.54         41.61           4482.150         6.74         33.57         42.54           10360.000         10.57         37.76         38.17	Freq Loss Factor Factor Level  MHz dB dB/m dB dBuV  1285.904 2.92 24.96 40.35 45.54 1682.477 3.42 26.60 40.62 46.27 3396.098 5.39 31.54 41.61 46.60 4482.150 6.74 33.57 42.54 46.63 10360.000 10.57 37.76 38.17 37.93	Freq Loss Factor Factor Level Level    MHz   dB   dB/m   dB   dBuV   dBuV/m	Freq Loss Factor Factor Level Level Line    MHz	Cable Ant Preamp Read Limit Over Loss Factor Factor Level Level Line Limit           MHz         dB dB/m         dB dBuV dBuV/m dBuV/m dBuV/m         dB dB



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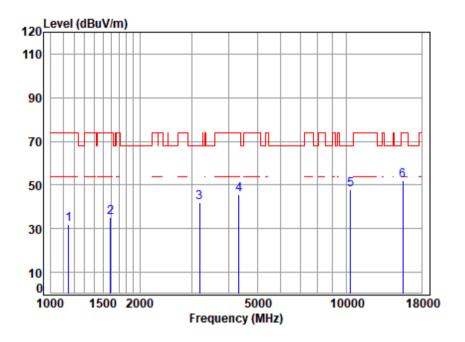
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Report No.: SZEM200900885203

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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5180 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
			-				-		
1	1148.823	2.67	24.35	40.24	45.38	32.16	74.00	-41.84	peak
2	1592.571	3.34	26.22	40.57	46.19	35.18	74.00	-38.82	peak
3	3186.869	5.12	31.21	41.40	47.22	42.15	68.20	-26.05	peak
4	4329.354	6.60	33.30	42.42	48.09	45.57	74.00	-28.43	peak
	10360.000								•
	15540.000								
									•



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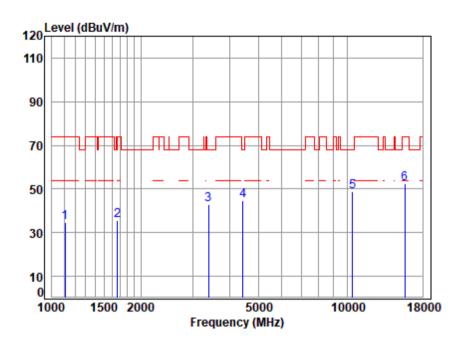
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5220 TX RSE
Note : 5G WIFI 11N20

-		****	111120						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1109.660	2.59	24.16	40.20	48.04	34.59	74.00	-39.41	peak
2	1667.951	3.40	26.54	40.61	46.36	35.69	74.00	-38.31	peak
3	3396.098	5.39	31.54	41.61	47.40	42.72	68.20	-25.48	peak
4	4443.453	6.71	33.50	42.51	47.13	44.83	68.20	-23.37	peak
5	10440.000	10.55	37.72	38.21	38.67	48.73	68.20	-19.47	peak
	15660.000								•
									•



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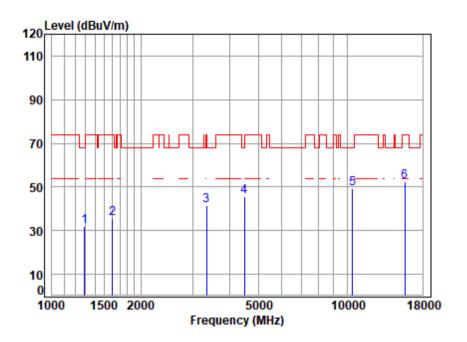
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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5220 TX RSE Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	4000 607	2 00	24.00	40.25	44.60	20.45	60.00	26.05	
1	1289.627	2.92	24.98	40.35	44.60	32.15	68.20	-36.05	peak
2	1606.441	3.35	26.28	40.57	46.63	35.69	74.00	-38.31	peak
3	3337.710	5.32	31.45	41.56	46.29	41.50	74.00	-32.50	peak
4	4482.150	6.74	33.57	42.54	47.90	45.67	68.20	-22.53	peak
5	10440.000	10.55	37.72	38.21	39.24	49.30	68.20	-18.90	peak
6	15660.000	14.02	40.80	40.58	38.13	52.37	74.00	-21.63	peak



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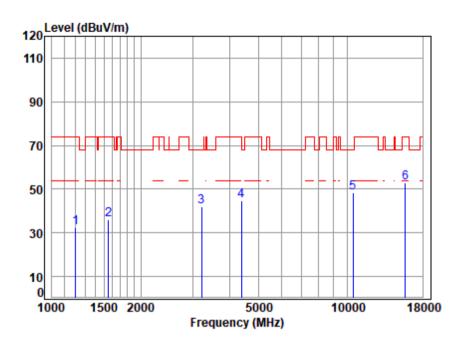
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5240 TX RSE
Note : 5G WIFI 11N20

			11						
		Cable	Ant	Preamp	Read		Limit	0ver	
	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	45.42	32.50	74.00	-41.50	peak
2	1556.169	3.31	26.06	40.54	47.01	35.84	74.00	-38.16	peak
3	3214.623	5.16	31.26	41.43	47.17	42.16	68.20	-26.04	peak
4	4392.376	6.66	33.42	42.47	47.15	44.76	74.00	-29.24	peak
5	10480.000	10.54	37.71	38.23	38.41	48.43	68.20	-19.77	peak
6	15720.000	14.04	40.83	40.57	38.81	53.11	74.00	-20.89	peak



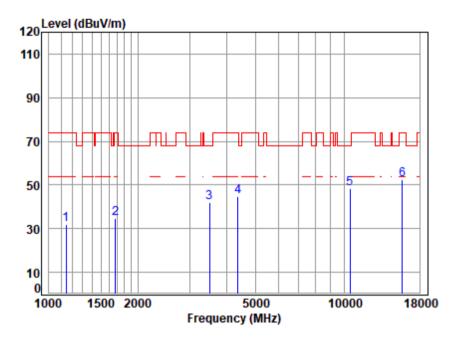
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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5240 TX RSE Note : 5G WIFI 11N20

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1142.201	2.66	24.32	40.23	45.20	31.95	74.00	-42.05	peak
2	1677.621	3.41	26.58	40.62	45.50	34.87	74.00	-39.13	peak
3	3495.691	5.51	31.69	41.71	46.58	42.07	68.20	-26.13	peak
4	4367.058								•
5	10480.000	10.54	37.71	38.23	38.48	48.50	68.20	-19.70	peak
6	15720.000	14.04	40.83	40.57	38.39	52.69	74.00	-21.31	peak



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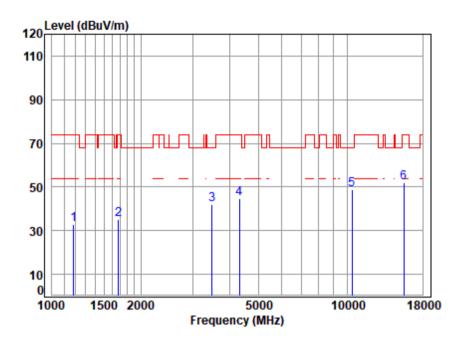
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5190 TX RSE
Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1185.936	2.74	24.53	40.27	45.78	32.78	74.00	-41.22	peak
2	1677.621	3.41	26.58	40.62	45.58	34.95	74.00	-39.05	peak
3	3485.601	5.50	31.68	41.70	46.37	41.85	68.20	-26.35	peak
4	4316.859	6.59	33.28	42.41	47.43	44.89	74.00	-29.11	peak
5	10380.000	10.57	37.75	38.18	38.73	48.87	68.20	-19.33	peak
6	15570.000	13.98	40.74	40.58	38.06	52.20	74.00	-21.80	peak



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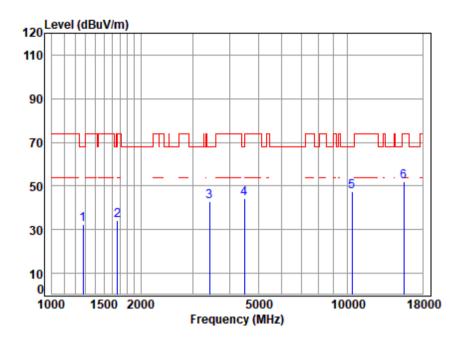
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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5190 TX RSE Note : 5G WIFI 11N40

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB	
1	1274.802	2.90	24.92	40.34	44.97	32.45	68.20	-35.75	peak
2	1667.951	3.40	26.54	40.61	45.04	34.37	74.00	-39.63	peak
3	3415.787	5.42	31.57	41.63	47.72	43.08	68.20	-25.12	peak
4	4495.125	6.76	33.59	42.55	46.54	44.34	68.20	-23.86	peak
5	10380.000	10.57	37.75	38.18	37.54	47.68	68.20	-20.52	peak
6	15570.000	13.98	40.74	40.58	38.07	52.21	74.00	-21.79	peak



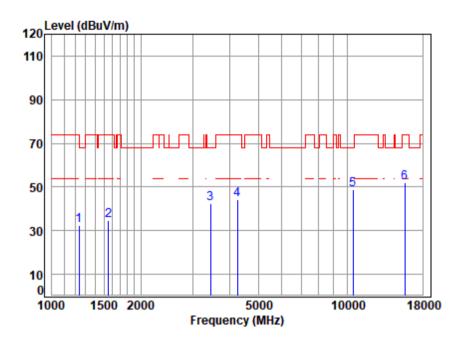
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5230 TX RSE
Note : 5G WIFI 11N40

		****	1111-0						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	2.83	24.76	40.31	44.92	32.20	74.00	-41.80	peak
2	1551.677	3.31	26.04	40.54	45.73	34.54	74.00	-39.46	peak
3	3445.535	5.45	31.62	41.66	47.24	42.65	68.20	-25.55	peak
4	4254.921	6.53	33.17	42.36	47.04	44.38	74.00	-29.62	peak
5	10460.000	10.54	37.72	38.22	38.80	48.84	68.20	-19.36	peak
	15690.000								•
									•



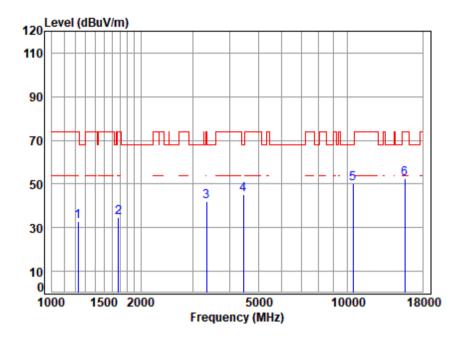
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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5230 TX RSE Note : 5G WIFI 11N40

ore	: 30	MTLT	111140							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1	1227.791	2.82	24.71	40.31	45.85	33.07	74.00	-40.93	peak	
2	1677.621	3.41	26.58	40.62	45.27	34.64	74.00	-39.36	peak	
3	3347.371	5.33	31.47	41.56	46.64	41.88	74.00	-32.12	peak	
4	4456.315	6.72	33.53	42.52	47.34	45.07	68.20	-23.13	peak	
5	10460.000	10.54	37.72	38.22	39.95	49.99	68.20	-18.21	peak	
6	15690.000	14.03	40.82	40.58	38.21	52.48	74.00	-21.52	peak	



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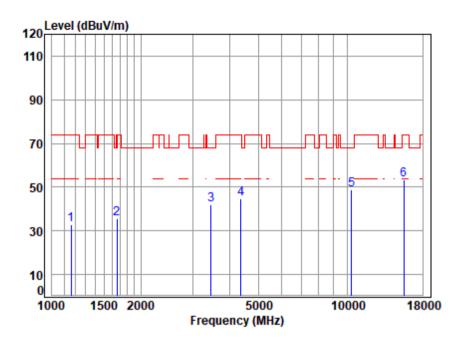
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5180 TX RSE

Note : 5G WIFI 11AC20

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1162.182	2.69	24.42	40.25	46.11	32.97	74.00	-41.03	peak
2	1663.137	3.40	26.52	40.61	46.48	35.79	74.00	-38.21	peak
3	3465.510	5.48	31.65	41.68	46.32	41.77	68.20	-26.43	peak
4	4367.058	6.64	33.37	42.45	47.01	44.57	74.00	-29.43	peak
5	10360.000	10.57	37.76	38.17	38.61	48.77	68.20	-19.43	peak
6	15540.000	13.97	40.72	40.58	39.15	53.26	74.00	-20.74	peak



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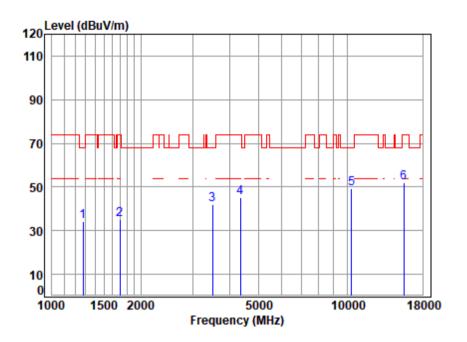
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5180 TX RSF

Mode : 5180 TX RSE Note : 5G WIFI 11AC20

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	2.90	24.92	40.34	46.54	34.02	68.20	-34.18	peak
2	1697.129	3.43	26.66	40.63	45.73	35.19	74.00	-38.81	peak
3	3495.691	5.51	31.69	41.71	46.58	42.07	68.20	-26.13	peak
4	4354.454	6.63	33.35	42.44	47.41	44.95	74.00	-29.05	peak
5	10360.000								•
6	15540.000	13.97	40.72	40.58	37.78	51.89	74.00	-22.11	peak



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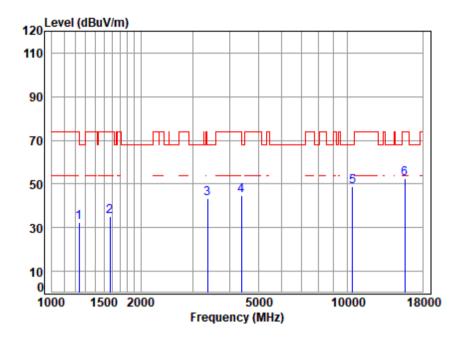
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5220 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	2.83	24.74	40.31	45.31	32.57	74.00	-41.43	peak
2	1574.265	3.33	26.14	40.55	46.31	35.23	74.00	-38.77	peak
3	3366.778	5.35	31.50	41.58	47.92	43.19	68.20	-25.01	peak
4	4379.699	6.65	33.39	42.46	47.21	44.79	74.00	-29.21	peak
5	10440.000	10.55	37.72	38.21	38.89	48.95	68.20	-19.25	peak
6	15660.000	14.02	40.80	40.58	38.36	52.60	74.00	-21.40	peak



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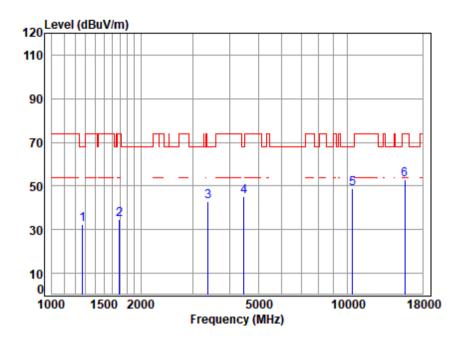
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5220 TX RSE Note : 5G WIFI 11AC20

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	2.89	24.90	40.34	45.12	32.57	68.20	-35.63	peak
2	1692.231	3.42	26.64	40.63	45.09	34.52	74.00	-39.48	peak
3	3376.523	5.37	31.51	41.59	47.65	42.94	68.20	-25.26	peak
4	4469.214	6.73	33.55	42.53	47.49	45.24	68.20	-22.96	peak
5	10440.000	10.55	37.72	38.21	38.62	48.68	68.20	-19.52	peak
6	15660.000	14.02	40.80	40.58	38.81	53.05	74.00	-20.95	peak



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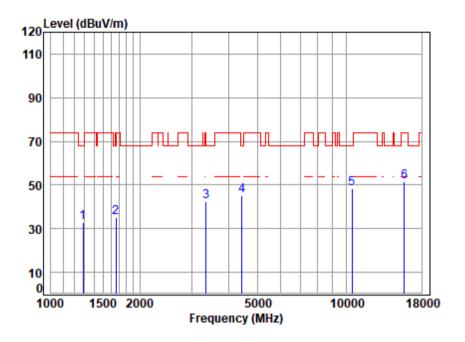
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5240 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
4	1205 004	2.02	24.00	40.25	45 44	22 67	CO 20	25 52	
1	1285.904	2.92	24.90	40.35	45.14	32.0/	00.20	-35.53	peak
2	1658.337	3.40	26.50	40.61	45.80	35.09	68.20	-33.11	peak
3	3357.061	5.34	31.48	41.57	47.24	42.49	74.00	-31.51	peak
4	4443.453	6.71	33.50	42.51	47.45	45.15	68.20	-23.05	peak
5	10480.000	10.54	37.71	38.23	38.42	48.44	68.20	-19.76	peak
6	15720.000	14.04	40.83	40.57	37.44	51.74	74.00	-22.26	peak



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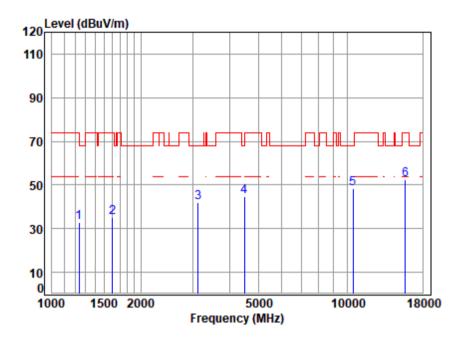
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5240 TX RSE
Note : 5G WIFI 11AC20

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	2.83	24.76	40.31	45.39	32.67	74.00	-41.33	peak
2	1601.804	3.35	26.26	40.57	46.00	35.04	74.00	-38.96	peak
3	3123.039	5.03	31.11	41.33	47.07	41.88	68.20	-26.32	peak
4	4482.150	6.74	33.57	42.54	46.85	44.62	68.20	-23.58	peak
5	10480.000	10.54	37.71	38.23	38.36	48.38	68.20	-19.82	peak
6	15720.000	14.04	40.83	40.57	38.14	52.44	74.00	-21.56	peak



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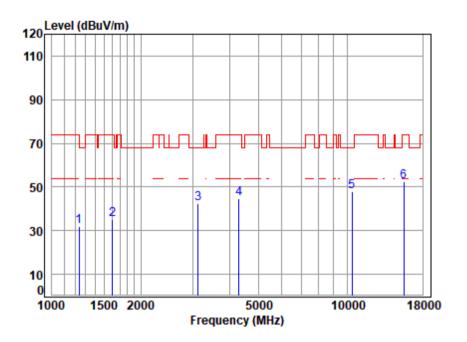
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5190 TX RSE
Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1238.483	2.83	24.76	40.31	44.73	32.01	74.00	-41.99	peak	
2	1601.804	3.35	26.26	40.57	46.18	35.22	74.00	-38.78	peak	
3	3132.079	5.04	31.12	41.34	47.77	42.59	68.20	-25.61	peak	
4	4304.400	6.58	33.26	42.40	47.49	44.93	74.00	-29.07	peak	
5	10380.000	10.57	37.75	38.18	37.87	48.01	68.20	-20.19	peak	
6	15570.000	13.98	40.74	40.58	38.11	52.25	74.00	-21.75	peak	



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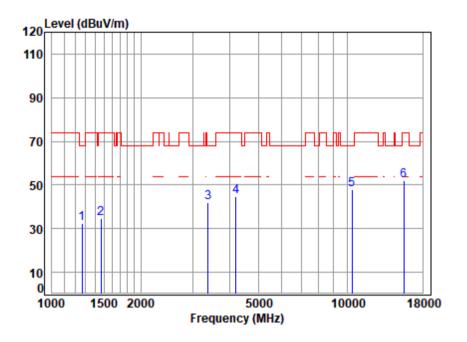
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5190 TX RSE Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1263.796	2.88	24.87	40.33	45.20	32.62	68.20	-35.58	peak	
2	1464.522	3.21	25.67	40.48	46.17	34.57	74.00	-39.43	peak	
3	3386.297	5.38	31.53	41.60	46.59	41.90	68.20	-26.30	peak	
4	4206.011	6.48	33.08	42.32	47.58	44.82	74.00	-29.18	peak	
5	10380.000	10.57	37.75	38.18	37.73	47.87	68.20	-20.33	peak	
6	15570.000	13.98	40.74	40.58	37.92	52.06	74.00	-21.94	peak	



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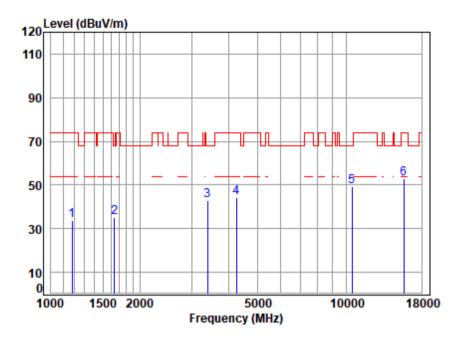
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5230 TX RSE
Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1179.100	2.73	24.49	40.26	46.63	33.59	74.00	-40.41	peak
2	1644.019	3.38	26.44	40.60	45.82	35.04	68.20	-33.16	peak
3	3396.098	5.39	31.54	41.61	47.58	42.90	68.20	-25.30	peak
4	4254.921	6.53	33.17	42.36	47.05	44.39	74.00	-29.61	peak
5	10460.000	10.54	37.72	38.22	39.26	49.30	68.20	-18.90	peak
6	15690.000	14.03	40.82	40.58	38.63	52.90	74.00	-21.10	peak



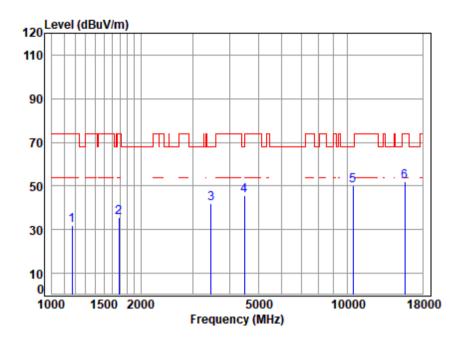
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5230 TX RSE

Mode : 5230 TX RSE Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1168.920	2.71	24.45	40.26	45.17	32.07	74.00	-41.93	peak
2	1687.347	3.42	26.62	40.62	46.07	35.49	74.00	-38.51	peak
3	3455.508	5.47	31.63	41.67	46.55	41.98	68.20	-26.22	peak
4	4482.150	6.74	33.57	42.54	47.95	45.72	68.20	-22.48	peak
5	10460.000	10.54	37.72	38.22	40.28	50.32	68.20	-17.88	peak
6	15690.000	14.03	40.82	40.58	37.91	52.18	74.00	-21.82	peak



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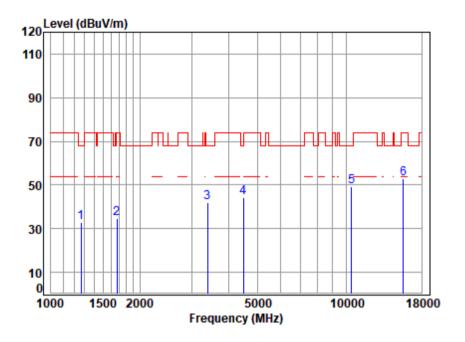
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5210 TX RSE
Note : 5G WIFI 11AC80

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
						JD: 3//	JD: A//		
	MHz	dB	ab/m	dB	abuv	abuv/m	abuv/m	dB	
1	1267.454	2.89	24.89	40.34	45.48	32.92	68.20	-35.28	peak
2	1672.779	3.41	26.56	40.62	45.31	34.66	74.00	-39.34	peak
3	3396.098	5.39	31.54	41.61	46.62	41.94	68.20	-26.26	peak
4	4482.150	6.74	33.57	42.54	46.56	44.33	68.20	-23.87	peak
5	10420.000	10.56	37.73	38.20	39.26	49.35	68.20	-18.85	peak
6	15630.000	14.01	40.78	40.58	38.93	53.14	74.00	-20.86	peak



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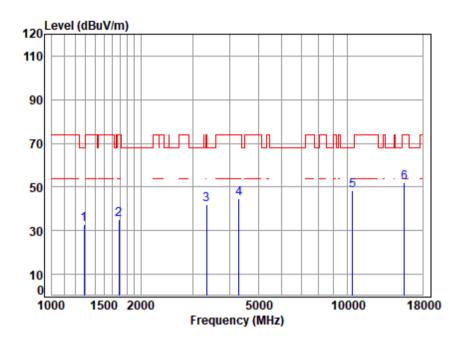
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5210 TX RSE

Mode : 5210 IX RSE Note : 5G WIFI 11AC80

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1285.904	2.92	24.96	40.35	45.47	33.00	68.20	-35.20	peak
2	1687.347	3.42	26.62	40.62	45.69	35.11	74.00	-38.89	peak
3	3337.710	5.32	31.45	41.56	46.86	42.07	74.00	-31.93	peak
4	4304.400	6.58	33.26	42.40	47.18	44.62	74.00	-29.38	peak
5	10420.000	10.56	37.73	38.20	38.06	48.15	68.20	-20.05	peak
6	15630.000	14.01	40.78	40.58	37.92	52.13	74.00	-21.87	peak



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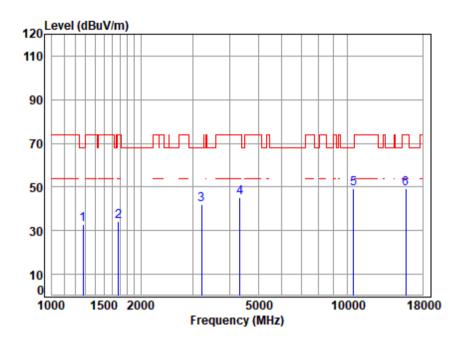
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5260 TX RSE

Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	2.90	24.92	40.34	45.25	32.73	68.20	-35.47	peak
2	1682.477	3.42	26.60	40.62	44.76	34.16	74.00	-39.84	peak
3	3214.623	5.16	31.26	41.43	47.05	42.04	68.20	-26.16	peak
4	4329.354	6.60	33.30	42.42	47.61	45.09	74.00	-28.91	peak
5	10520.000	10.55	37.70	38.25	39.38	49.38	68.20	-18.82	peak
6	15780.000	14.07	40.87	40.57	35.05	49.42	74.00	-24.58	peak



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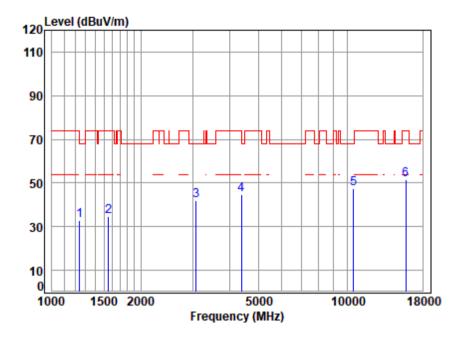
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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5260 TX RSE Note : 5G WIFI 11A

occ	. 50	AATI T	1177							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1242.068	2.84	24.78	40.32	45.56	32.86	68.20	-35.34	peak	
2	1556.169	3.31	26.06	40.54	45.89	34.72	74.00	-39.28	peak	
3	3078.229	4.97	31.03	41.29	47.15	41.86	68.20	-26.34	peak	
4	4379.699	6.65	33.39	42.46	47.00	44.58	74.00	-29.42	peak	
5	10520.000	10.55	37.70	38.25	37.29	47.29	68.20	-20.91	peak	
6	15780 000	14 97	40 87	40 57	37 30	51 67	74 00	-22 33	neak	



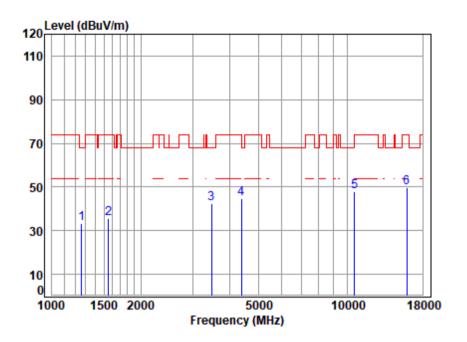
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5300 TX RSE
Note : 5G WIFI 11A

	Freq			Preamp Factor			Limit Line		Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1260.149	2.87	24.85	40.33	46.02	33.41	68.20	-34.79	peak
2	1556.169	3.31	26.06	40.54	46.60	35.43	74.00	-38.57	peak
3	3475.541	5.49	31.66	41.69	47.18	42.64	68.20	-25.56	peak
4	4379.699	6.65	33.39	42.46	47.09	44.67	74.00	-29.33	peak
5	10600.000	10.62	37.72	38.29	37.85	47.90	68.20	-20.30	peak
6	15900.000	14.12	40.94	40.57	35.19	49.68	74.00	-24.32	peak



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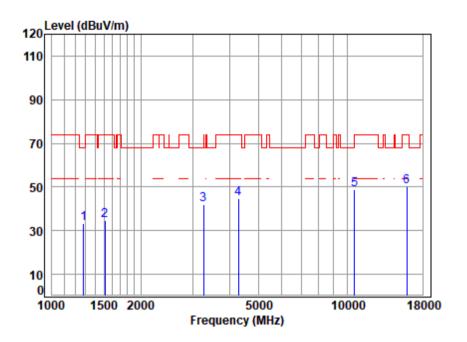
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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5300 TX RSE Note : 5G WIFI 11A

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	2.91	24.95	40.35	45.89	33.40	68.20	-34.80	peak
2	1511.833	3.27	25.85	40.51	46.02	34.63	74.00	-39.37	peak
3	3261.418	5.22	31.33	41.48	46.93	42.00	74.00	-32.00	peak
4	4279.589	6.56	33.22	42.38	47.52	44.92	74.00	-29.08	peak
5	10600.000	10.62	37.72	38.29	38.55	48.60	68.20	-19.60	peak
6	15900.000	14.12	40.94	40.57	35.65	50.14	74.00	-23.86	peak



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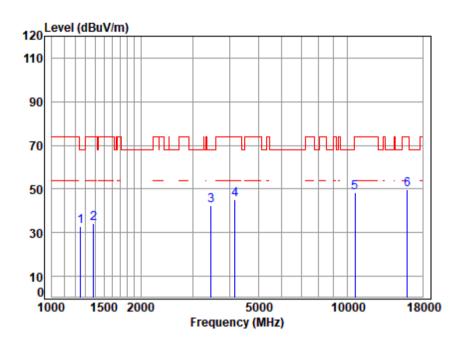
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5320 TX RSE

Note : 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	2.85	24.81	40.32	45.36	32.70	68.20	-35.50	peak
2	1386.264	3.08	25.37	40.43	46.25	34.27	74.00	-39.73	peak
3	3465.510	5.48	31.65	41.68	47.12	42.57	68.20	-25.63	peak
4	4169.698	6.45	33.02	42.30	47.91	45.08	74.00	-28.92	peak
5	10640.000	10.66	37.73	38.31	38.39	48.47	74.00	-25.53	peak
6	15960.000	14.14	40.98	40.57	35.36	49.91	74.00	-24.09	peak



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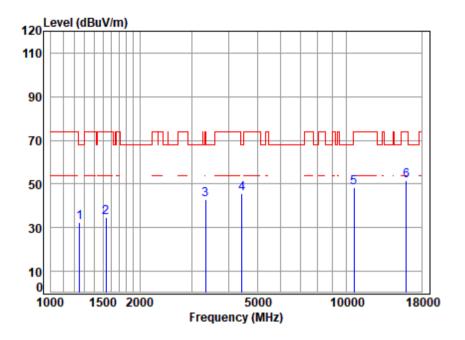
nity, Fuynog Street, Bao'an District, Shenzhen, China 518103 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·宝安区福永街道新田社区风塘大道50号鑫龙科技工业园林6105室 邮编: 518103 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5320 TX RSE Note : 5G WIFI 11A

ore		MILI	IIA							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1249.269	2.85	24.81	40.32	44.93	32.27	68.20	-35.93	peak	
2	1533.841	3.29	25.96	40.53	45.80	34.52	74.00	-39.48	peak	
3	3347.371	5.33	31.47	41.56	47.67	42.91	74.00	-31.09	peak	
4	4430.628	6.70	33.48	42.50	47.85	45.53	68.20	-22.67	peak	
5	10640.000	10.66	37.73	38.31	38.50	48.58	74.00	-25.42	peak	
6	15960.000	14.14	40.98	40.57	36.94	51.49	74.00	-22.51	peak	



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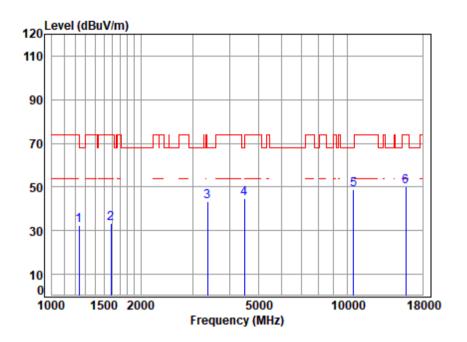
Rom (K, Sulfing, Kaling Rednoting Industrial Part, No. 9Freques (Not. Inflanc Community, Fryang Street, Sair all Edinity, Standard, Shandard, China 518103 t (86—755) 26012053 f (86—755) 260710594 www.s.gsgroup.com.cn 中国 - 深圳- 宝安区福永街道新田社区风塘大道50号盒龙科技工业园林105室 邮第:518103 t (86—755) 26012053 f (86—755) 260710594 sgs.china@sgs.com



Report No.: SZEM200900885203

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5260 TX RSE
Note : 5G WIFI 11N20

oce	. 50	AATIT	111120						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	2.83	24.76	40.31	45.33	32.61	74.00	-41.39	peak
2	1583.392	3.33	26.18	40.56	44.55	33.50	74.00	-40.50	peak
3	3366.778	5.35	31.50	41.58	48.12	43.39	68.20	-24.81	peak
4	4495.125	6.76	33.59	42.55	46.89	44.69	68.20	-23.51	peak
5	10520.000	10.55	37.70	38.25	39.02	49.02	68.20	-19.18	peak
6	15780.000	14.07	40.87	40.57	35.78	50.15	74.00	-23.85	peak



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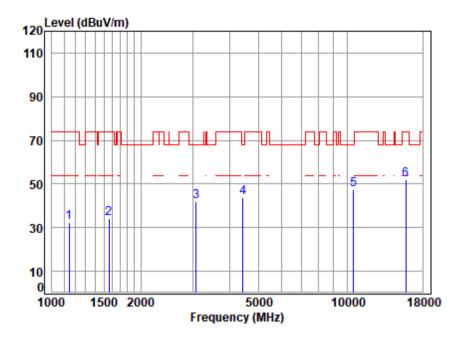
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5260 TX RSE Note : 5G WIFI 11N20

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	2.66	24.34	40.24	45.84	32.60	74.00	-41.40	peak
2	1560.673	3.31	26.08	40.55	45.17	34.01	74.00	-39.99	peak
3	3078.229	4.97	31.03	41.29	47.05	41.76	68.20	-26.44	peak
4	4443.453	6.71	33.50	42.51	45.98	43.68	68.20	-24.52	peak
5	10520.000	10.55	37.70	38.25	37.49	47.49	68.20	-20.71	peak
6	15780.000	14.07	40.87	40.57	37.60	51.97	74.00	-22.03	peak



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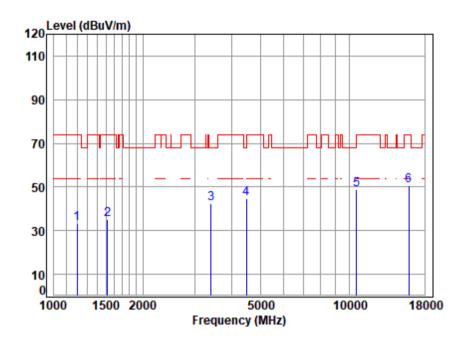
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5300 TX RSE
Note : 5G WIFI 11N20

0.0		****	111120						
		Cable	Ant	Preamp	Read		Limit	0ver	
	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	46.36	33.41	74.00	-40.59	peak
2	1520.598	3.28	25.89	40.52	46.63	35.28	74.00	-38.72	peak
3	3405.929	5.40	31.56	41.62	47.15	42.49	68.20	-25.71	peak
4	4482.150	6.74	33.57	42.54	46.72	44.49	68.20	-23.71	peak
5	10600.000	10.62	37.72	38.29	38.55	48.60	68.20	-19.60	peak
6	15900.000	14.12	40.94	40.57	36.13	50.62	74.00	-23.38	peak
									-



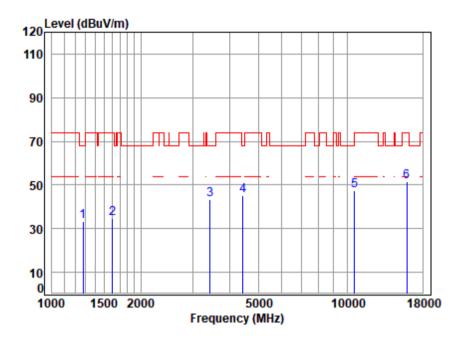
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5300 TX RSE Note : 5G WIFI 11N20

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	2.90	24.92	40.34	45.66	33.14	68.20	-35.06	peak
2	1606.441	3.35	26.28	40.57	45.72	34.78	74.00	-39.22	peak
3	3435.590	5.44	31.60	41.65	48.16	43.55	68.20	-24.65	peak
4	4443.453	6.71	33.50	42.51	47.28	44.98	68.20	-23.22	peak
5	10600.000	10.62	37.72	38.29	37.62	47.67	68.20	-20.53	peak
6	15900.000	14.12	40.94	40.57	36.89	51.38	74.00	-22.62	peak



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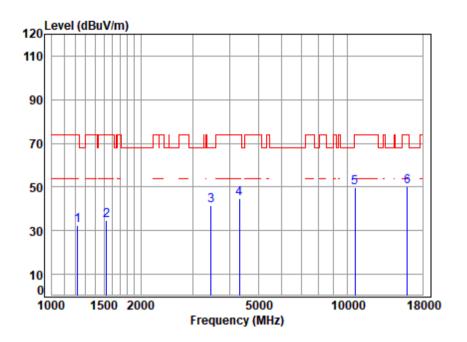
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5320 TX RSE
Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	2.80	24.68	40.30	45.35	32.53	74.00	-41.47	peak
2	1529.414	3.29	25.94	40.53	46.08	34.78	74.00	-39.22	peak
3	3455.508	5.47	31.63	41.67	46.05	41.48	68.20	-26.72	peak
4	4316.859	6.59	33.28	42.41	47.12	44.58	74.00	-29.42	peak
5	10640.000	10.66	37.73	38.31	39.46	49.54	74.00	-24.46	peak
6	15960.000	14.14	40.98	40.57	35.73	50.28	74.00	-23.72	peak



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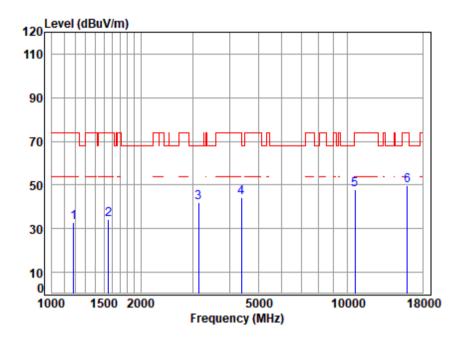
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5320 TX RSE Note : 5G WIFI 11N20

Le	. 50	MILI	TINZO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1185.936	2 7/	24 53	40 27	<b>15 89</b>	32 80	7/ 00	_//1 11	noak	
									•	
2	1556.169	3.31	26.06	40.54	45.41	34.24	74.00	-39.76	peak	
3	3141.145	5.06	31.14	41.35	47.07	41.92	68.20	-26.28	peak	
4	4379.699	6.65	33.39	42.46	46.53	44.11	74.00	-29.89	peak	
5	10640.000	10.66	37.73	38.31	38.01	48.09	74.00	-25.91	peak	
6	15960.000	14.14	40.98	40.57	35.16	49.71	74.00	-24.29	peak	



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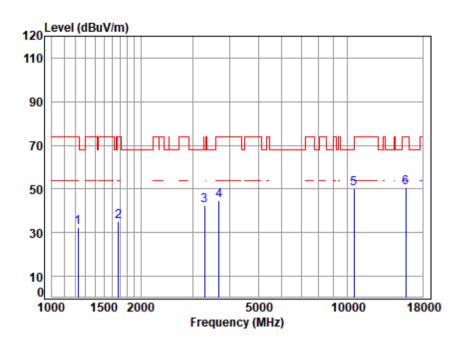
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5270 TX RSE
Note : 5G WIFI 11N40

Cable	e Ant	Preamp	Read		Limit	0ver	
q Loss	Factor	Factor	Level	Level	Line	Limit	Remark
z di	B dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
							_
1 2.82	24./1	40.31	45.00	32.22	74.00	-41./8	peak
7 3.42	26.60	40.62	45.61	35.01	74.00	-38.99	peak
1 5.25	31.38	41.51	47.37	42.49	68.20	-25.71	peak
4 5.83	1 32.08	41.88	48.83	44.84	74.00	-29.16	peak
0 10.57	7 37.71	38.26	39.96	49.98	68.20	-18.22	peak
,	2.82 77 3.42 21 5.25 74 5.83	2.82 24.71 27 3.42 26.60 21 5.25 31.38 24 5.81 32.08 30 10.57 37.71	2.82 24.71 40.31 27 3.42 26.60 40.62 21 5.25 31.38 41.51 24 5.81 32.08 41.88 30 10.57 37.71 38.26	21 2.82 24.71 40.31 45.00 27 3.42 26.60 40.62 45.61 21 5.25 31.38 41.51 47.37 24 5.81 32.08 41.88 48.83 26 10.57 37.71 38.26 39.96	21 2.82 24.71 40.31 45.00 32.22 27 3.42 26.60 40.62 45.61 35.01 21 5.25 31.38 41.51 47.37 42.49 24 5.81 32.08 41.88 48.83 44.84 30 10.57 37.71 38.26 39.96 49.98	21 2.82 24.71 40.31 45.00 32.22 74.00 27 3.42 26.60 40.62 45.61 35.01 74.00 21 5.25 31.38 41.51 47.37 42.49 68.20 24 5.81 32.08 41.88 48.83 44.84 74.00 26 10.57 37.71 38.26 39.96 49.98 68.20	dB dB/m dB dBuV dBuV/m dBuV/m dB 2.82 24.71 40.31 45.00 32.22 74.00 -41.78 77 3.42 26.60 40.62 45.61 35.01 74.00 -38.99 21 5.25 31.38 41.51 47.37 42.49 68.20 -25.71 24 5.81 32.08 41.88 48.83 44.84 74.00 -29.16 26 10.57 37.71 38.26 39.96 49.98 68.20 -18.22 27 10 14.08 40.89 40.57 36.19 50.59 74.00 -23.41



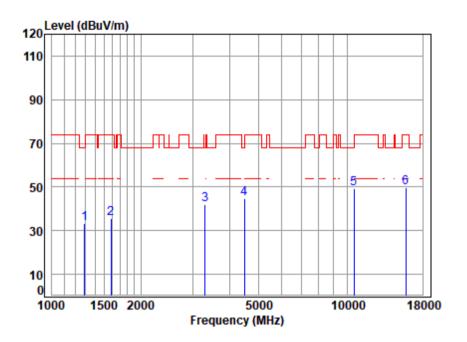
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5270 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1289.627	2.92	24.98	40.35	45.58	33.13	68.20	-35.07	peak
2	1587.975	3.34	26.20	40.56	46.79	35.77	74.00	-38.23	peak
3	3308.894	5.28	31.41	41.53	46.68	41.84	68.20	-26.36	peak
4	4482.150	6.74	33.57	42.54	47.06	44.83	68.20	-23.37	peak
5	10540.000	10.57	37.71	38.26	39.27	49.29	68.20	-18.91	peak
6	15810.000	14.08	40.89	40.57	35.39	49.79	74.00	-24.21	peak



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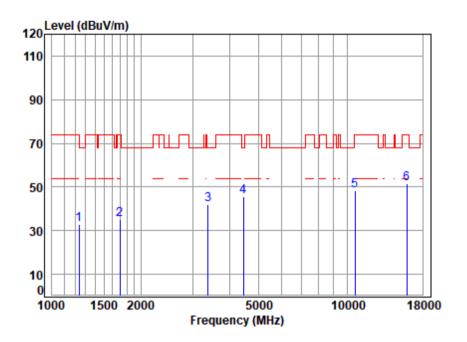
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Report No.: SZEM200900885203

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5310 TX RSE
Note : 5G WIFI 11N40

		****	1111110						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	2.83	24.76	40.31	45.65	32.93	74.00	-41.07	peak
2	1697.129	3.43	26.66	40.63	45.48	34.94	74.00	-39.06	peak
3	3376.523	5.37	31.51	41.59	46.58	41.87	68.20	-26.33	peak
4	4456.315	6.72	33.53	42.52	47.85	45.58	68.20	-22.62	peak
5	10620.000	10.64	37.72	38.30	38.21	48.27	74.00	-25.73	peak
	15930.000								-
									•



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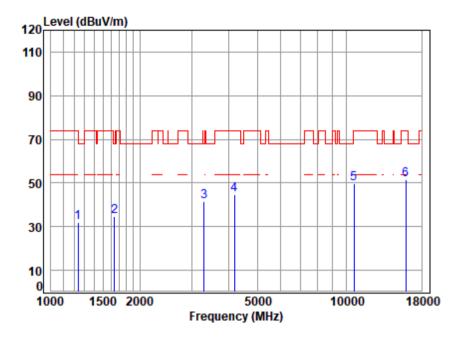
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5310 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	2.83	24.76	40.31	44.64	31.92	74.00	-42.08	peak
2	1639.274	3.38	26.42	40.59	45.34	34.55	68.20	-33.65	peak
3	3299.344	5.27	31.39	41.52	46.51	41.65	68.20	-26.55	peak
4	4181.768	6.46	33.04	42.31	47.52	44.71	74.00	-29.29	peak
5	10620.000	10.64	37.72	38.30	39.71	49.77	74.00	-24.23	peak
6	15930.000	14.13	40.96	40.57	36.89	51.41	74.00	-22.59	peak



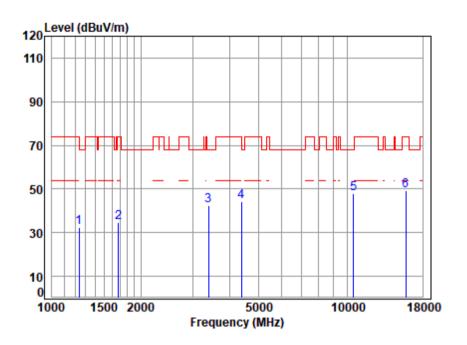
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5260 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	2.83	24.74	40.31	45.28	32.54	74.00	-41.46	peak
2	1677.621	3.41	26.58	40.62	45.36	34.73	74.00	-39.27	peak
3	3396.098	5.39	31.54	41.61	46.93	42.25	68.20	-25.95	peak
4	4379.699	6.65	33.39	42.46	46.51	44.09	74.00	-29.91	peak
5	10520.000	10.55	37.70	38.25	38.02	48.02	68.20	-20.18	peak
6	15780.000	14.07	40.87	40.57	34.70	49.07	74.00	-24.93	peak



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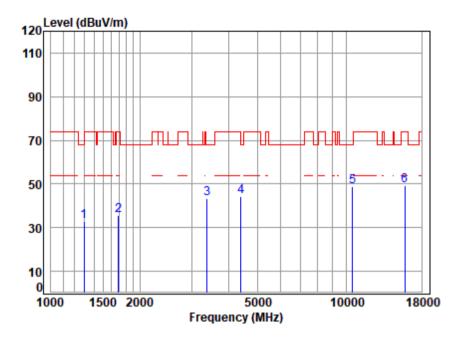
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5260 TX RSE

Note : 5G WIFI 11AC20

	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
4202 250	2.03	25 00	40.36	45 20	22.06	60.00	25.24	
1293.359	2.93	25.00	40.36	45.29	32.86	68.20	-35.34	реак
1692.231	3.42	26.64	40.63	46.20	35.63	74.00	-38.37	peak
3386.297	5.38	31.53	41.60	48.19	43.50	68.20	-24.70	peak
4405.090	6.67	33.44	42.48	46.76	44.39	68.20	-23.81	peak
10520.000	10.55	37.70	38.25	38.61	48.61	68.20	-19.59	peak
15780.000	14.07	40.87	40.57	34.91	49.28	74.00	-24.72	peak
	MHz 1293.359 1692.231 3386.297 4405.090 10520.000	Freq Loss  MHz dB  1293.359 2.93 1692.231 3.42 3386.297 5.38 4405.090 6.67 10520.000 10.55	Freq Loss Factor  MHz dB dB/m  1293.359 2.93 25.00 1692.231 3.42 26.64 3386.297 5.38 31.53 4405.090 6.67 33.44 10520.000 10.55 37.70	Freq Loss Factor Factor  MHz dB dB/m dB  1293.359 2.93 25.00 40.36 1692.231 3.42 26.64 40.63 3386.297 5.38 31.53 41.60 4405.090 6.67 33.44 42.48 10520.000 10.55 37.70 38.25	Freq Loss Factor Factor Level           MHz         dB         dB/m         dB         dBuV           1293.359         2.93         25.00         40.36         45.29           1692.231         3.42         26.64         40.63         46.20           3386.297         5.38         31.53         41.60         48.19           4405.090         6.67         33.44         42.48         46.76           10520.000         10.55         37.70         38.25         38.61	Freq Loss Factor Factor Level Level           MHz         dB         dB/m         dB dBuV dBuV/m           1293.359         2.93         25.00         40.36         45.29         32.86           1692.231         3.42         26.64         40.63         46.20         35.63           3386.297         5.38         31.53         41.60         48.19         43.50           4405.090         6.67         33.44         42.48         46.76         44.39           10520.000         10.55         37.70         38.25         38.61         48.61	Freq Loss Factor Factor Level Level Line           MHz         dB dB/m         dB dBuV dBuV/m         dBuV/m         dBuV/m           1293.359         2.93         25.00         40.36         45.29         32.86         68.20           1692.231         3.42         26.64         40.63         46.20         35.63         74.00           3386.297         5.38         31.53         41.60         48.19         43.50         68.20           4405.090         6.67         33.44         42.48         46.76         44.39         68.20           10520.000         10.55         37.70         38.25         38.61         48.61         68.20	Cable Ant Preamp Read Limit Over Loss Factor Factor Level Level Line Limit           MHz         dB dB/m         dB dBuV dBuV/m dBuV/m dBuV/m         dB wu/m         Limit Over Limit           MHz         dB dB/m         dB dBuV dBuV/m dBuV/m         dB uV/m         dB uV/m



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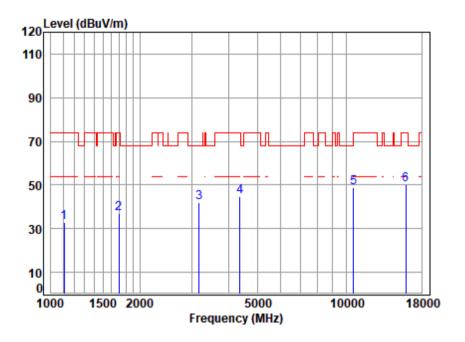
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Report No.: SZEM200900885203

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5300 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1109.660	2.59	24.16	40.20	46.30	32.85	74.00	-41.15	peak
2	1702.042	3.43	26.68	40.63	47.27	36.75	74.00	-37.25	peak
3	3177.672	5.11	31.20	41.39	46.99	41.91	68.20	-26.29	peak
4	4367.058	6.64	33.37	42.45	47.16	44.72	74.00	-29.28	peak
5	10600.000	10.62	37.72	38.29	38.79	48.84	68.20	-19.36	peak
6	15900.000	14.12	40.94	40.57	35.77	50.26	74.00	-23.74	peak



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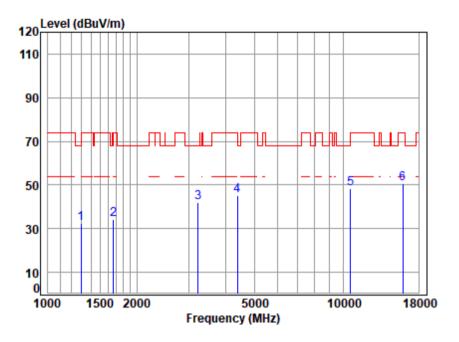
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Report No.: SZEM200900885203

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5300 TX RSE Note : 5G WIFI 11AC20

			_				_	
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1297.103	2.94	25.01	40.36	44.77	32.36	68.20	-35.84	peak
1667.951	3.40	26.54	40.61	45.03	34.36	74.00	-39.64	peak
3223.928	5.17	31.27	41.44	46.83	41.83	68.20	-26.37	peak
4392.376	6.66	33.42	42.47	47.40	45.01	74.00	-28.99	peak
10600.000	10.62	37.72	38.29	38.38	48.43	68.20	-19.77	peak
15900.000	14.12	40.94	40.57	36.14	50.63	74.00	-23.37	peak
	MHz 1297.103 1667.951 3223.928 4392.376 10600.000	Freq Loss  MHz dB  1297.103 2.94 1667.951 3.40 3223.928 5.17 4392.376 6.66 10600.000 10.62	Freq Loss Factor  MHz dB dB/m  1297.103 2.94 25.01 1667.951 3.40 26.54 3223.928 5.17 31.27 4392.376 6.66 33.42 10600.000 10.62 37.72	Freq Loss Factor Factor  MHz dB dB/m dB  1297.103 2.94 25.01 40.36 1667.951 3.40 26.54 40.61 3223.928 5.17 31.27 41.44 4392.376 6.66 33.42 42.47 10600.000 10.62 37.72 38.29	Freq Loss Factor Factor Level           MHz         dB         dB/m         dB         dBuV           1297.103         2.94         25.01         40.36         44.77           1667.951         3.40         26.54         40.61         45.03           3223.928         5.17         31.27         41.44         46.83           4392.376         6.66         33.42         42.47         47.40           10600.000         10.62         37.72         38.29         38.38	Freq Loss Factor Factor Level Level           MHz         dB         dB/m         dB         dBuV         dBuV/m           1297.103         2.94         25.01         40.36         44.77         32.36           1667.951         3.40         26.54         40.61         45.03         34.36           3223.928         5.17         31.27         41.44         46.83         41.83           4392.376         6.66         33.42         42.47         47.40         45.01           10600.000         10.62         37.72         38.29         38.38         48.43	Freq Loss Factor Factor Level Level Line           MHz         dB         dB/m         dB dBuV dBuV/m         dBuV/m           1297.103         2.94         25.01         40.36         44.77         32.36         68.20           1667.951         3.40         26.54         40.61         45.03         34.36         74.00           3223.928         5.17         31.27         41.44         46.83         41.83         68.20           4392.376         6.66         33.42         42.47         47.40         45.01         74.00           10600.000         10.62         37.72         38.29         38.38         48.43         68.20	Cable Ant Preamp Read Limit Over Loss Factor Factor Level Level Line Limit  MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB  1297.103 2.94 25.01 40.36 44.77 32.36 68.20 -35.84 1667.951 3.40 26.54 40.61 45.03 34.36 74.00 -39.64 3223.928 5.17 31.27 41.44 46.83 41.83 68.20 -26.37 4392.376 6.66 33.42 42.47 47.40 45.01 74.00 -28.99 10600.000 10.62 37.72 38.29 38.38 48.43 68.20 -19.77 15900.000 14.12 40.94 40.57 36.14 50.63 74.00 -23.37



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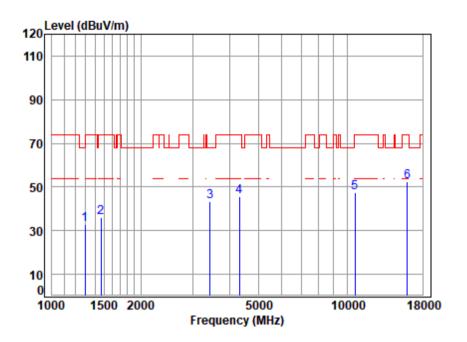
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Report No.: SZEM200900885203

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5320 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.103	2.94	25.01	40.36	45.39	32.98	68.20	-35.22	peak
2	1468.761								•
3	3435.590	5.44	31.60	41.65	48.07	43.46	68.20	-24.74	peak
4	4316.859	6.59	33.28	42.41	48.38	45.84	74.00	-28.16	peak
5	10640.000	10.66	37.73	38.31	37.44	47.52	74.00	-26.48	peak
6	15960.000	14.14	40.98	40.57	37.82	52.37	74.00	-21.63	peak



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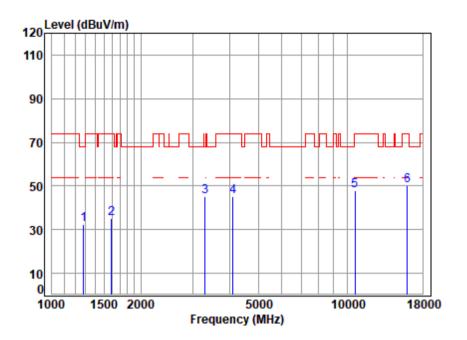
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Report No.: SZEM200900885203

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5320 TX RSE Note : 5G WIFI 11AC20

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1278.492	2.91	24.93	40.35	44.97	32.46	68.20	-35.74	peak
2	1592.571	3.34	26.22	40.57	46.02	35.01	74.00	-38.99	peak
3	3299.344	5.27	31.39	41.52	49.91	45.05	68.20	-23.15	peak
4	4109.872	6.39	32.91	42.25	48.12	45.17	74.00	-28.83	peak
5	10640.000	10.66	37.73	38.31	37.89	47.97	74.00	-26.03	peak
6	15960.000	14.14	40.98	40.57	35.84	50.39	74.00	-23.61	peak



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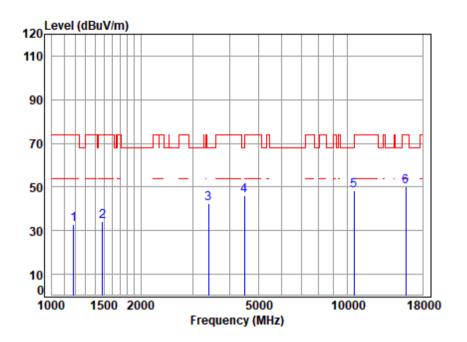
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Report No.: SZEM200900885203

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5270 TX RSE
Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1182.513	2.73	24.51	40.27	45.96	32.93	74.00	-41.07	peak
2	1481.553	3.23	25.73	40.49	45.92	34.39	74.00	-39.61	peak
3	3396.098	5.39	31.54	41.61	47.15	42.47	68.20	-25.73	peak
4	4495.125	6.76	33.59	42.55	48.40	46.20	68.20	-22.00	peak
5	10540.000	10.57	37.71	38.26	38.24	48.26	68.20	-19.94	peak
6	15810.000	14.08	40.89	40.57	35.65	50.05	74.00	-23.95	peak



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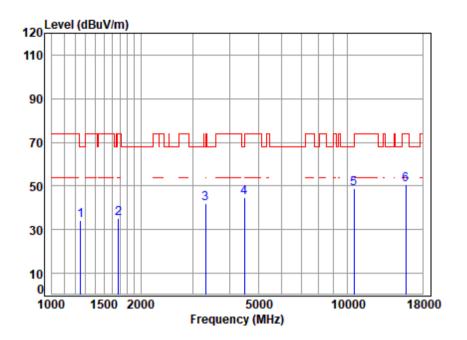
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Report No.: SZEM200900885203

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5270 TX RSE Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	2.85	24.81	40.32	46.68	34.02	68.20	-34.18	peak
2	1677.621	3.41	26.58	40.62	45.91	35.28	74.00	-38.72	peak
3	3318.471	5.29	31.42	41.54	46.88	42.05	68.20	-26.15	peak
4	4495.125	6.76	33.59	42.55	46.73	44.53	68.20	-23.67	peak
5	10540.000	10.57	37.71	38.26	38.74	48.76	68.20	-19.44	peak
	15810.000								•
									•



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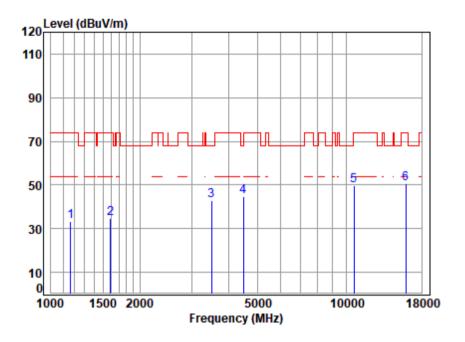
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5310 TX RSE
Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB		dB		dPul//m	dPuV/m	dB		
	MITZ	ub	ub/III	ub	abuv	ubuv/III	ubuv/III	ub		
1	1165.546	2.70	24.43	40.25	46.24	33.12	74.00	-40.88	peak	
2	1592.571	3.34	26.22	40.57	45.58	34.57	74.00	-39.43	peak	
3	3495.691	5.51	31.69	41.71	47.21	42.70	68.20	-25.50	peak	
4	4495.125	6.76	33.59	42.55	47.12	44.92	68.20	-23.28	peak	
5	10620.000	10.64	37.72	38.30	39.83	49.89	74.00	-24.11	peak	
6	15930.000	14.13	40.96	40.57	36.20	50.72	74.00	-23.28	peak	



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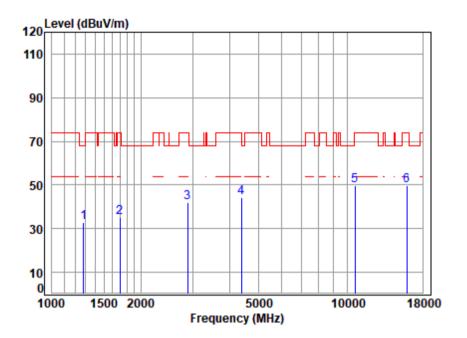
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5310 TX RSE Note : 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	2.91	24.95	40.35	45.54	33.05	68.20	-35.15	peak
2	1702.042	3.43	26.68	40.63	45.58	35.06	74.00	-38.94	peak
3	2880.247	4.78	30.41	41.16	47.94	41.97	74.00	-32.03	peak
4	4379.699	6.65	33.39	42.46	46.82	44.40	74.00	-29.60	peak
5	10620.000	10.64	37.72	38.30	39.66	49.72	74.00	-24.28	peak
6	15930.000	14.13	40.96	40.57	35.27	49.79	74.00	-24.21	peak



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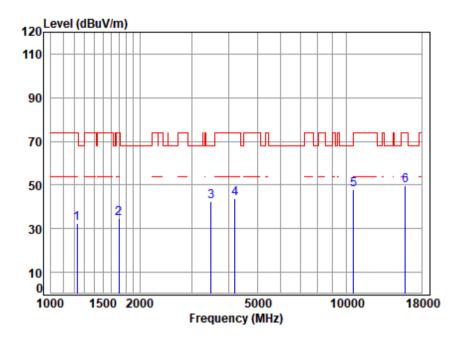
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5290 TX RSE
Note : 5G WIFI 11AC80

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	2.82	24.71	40.31	45.40	32.62	74.00	-41.38	peak
2	1697.129	3.43	26.66	40.63	45.02	34.48	74.00	-39.52	peak
3	3485.601	5.50	31.68	41.70	47.10	42.58	68.20	-25.62	peak
4	4193.872	6.47	33.06	42.31	46.70	43.92	74.00	-30.08	peak
5	10580.000	10.60	37.72	38.28	38.00	48.04	68.20	-20.16	peak
6	15870.000	14.11	40.92	40.57	35.27	49.73	74.00	-24.27	peak



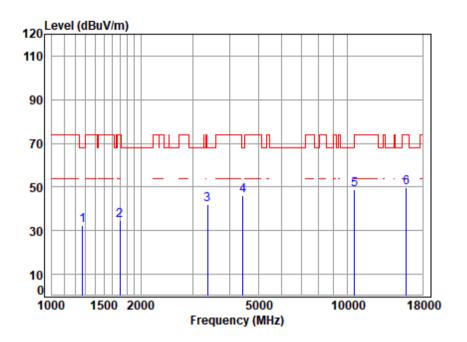
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5290 TX RSE Note : 5G WIFI 11AC80

	Freq			Preamp Factor			Limit Line		Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	2.89	24.90	40.34	45.00	32.45	68.20	-35.75	peak
2	1697.129	3.43	26.66	40.63	45.43	34.89	74.00	-39.11	peak
3	3366.778	5.35	31.50	41.58	46.59	41.86	68.20	-26.34	peak
4	4430.628	6.70	33.48	42.50	48.24	45.92	68.20	-22.28	peak
5	10580.000	10.60	37.72	38.28	38.72	48.76	68.20	-19.44	peak
6	15870.000	14.11	40.92	40.57	35.49	49.95	74.00	-24.05	peak



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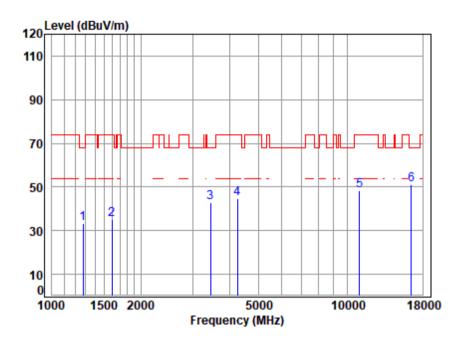
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5500 TX RSE Note : 5G WIFI 11A

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	2.90	24.92	40.34	45.93	33.41	68.20	-34.79	peak
2	1597.181	3.35	26.24	40.57	46.05	35.07	74.00	-38.93	peak
3	3445.535	5.45	31.62	41.66	47.35	42.76	68.20	-25.44	peak
4	4242.641	6.52	33.15	42.35	47.51	44.83	74.00	-29.17	peak
5	11000.000	10.97	37.80	38.47	38.24	48.54	74.00	-25.46	peak
6	16500.000	14.82	42.20	40.55	34.41	50.88	68.20	-17.32	peak



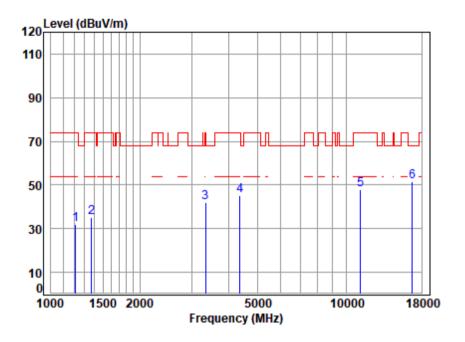
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5580 TX RSE

Note : 5G WIFI 11A

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB	
1	1210.174	2.78	24.64	40.29	44.73	31.86	74.00	-42.14	peak
2	1374.295	3.07	25.33	40.42	47.14	35.12	74.00	-38.88	peak
3	3337.710	5.32	31.45	41.56	46.93	42.14	74.00	-31.86	peak
4	4367.058	6.64	33.37	42.45	47.59	45.15	74.00	-28.85	peak
5	11160.000	11.18	37.83	38.54	37.61	48.08	74.00	-25.92	peak
6	16740.000	14.51	42.39	40.54	35.12	51.48	68.20	-16.72	peak



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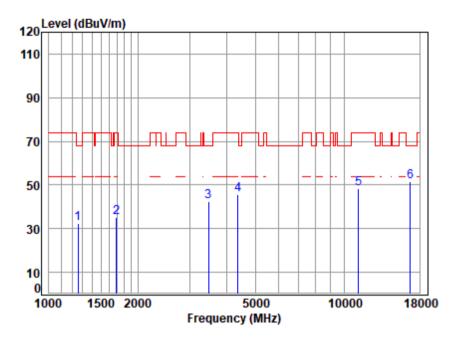
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5580 TX RSE Note : 5G WIFI 11A

JLE	. 50	MILT	IIM							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1256.512	2.87	24.84	40.33	44.83	32.21	68.20	-35.99	peak	
2	1692.231	3.42	26.64	40.63	45.62	35.05	74.00	-38.95	peak	
3	3475.541	5.49	31.66	41.69	46.81	42.27	68.20	-25.93	peak	
4	4367.058	6.64	33.37	42.45	47.98	45.54	74.00	-28.46	peak	
5	11160.000	11.18	37.83	38.54	38.06	48.53	74.00	-25.47	peak	
6	16740.000	14.51	42.39	40.54	35.30	51.66	68.20	-16.54	peak	



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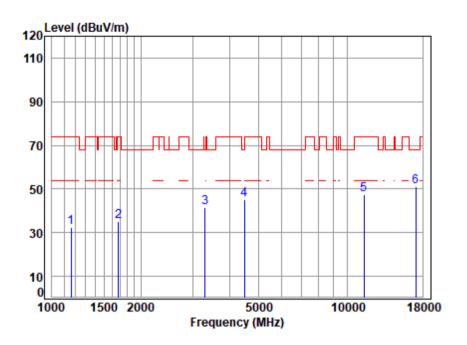
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5700 TX RSE
Note : 5G WIFI 11A

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1162.182	2.69	24.42	40.25	45.65	32.51	74.00	-41.49	peak
2	1677.621	3.41	26.58	40.62	45.68	35.05	74.00	-38.95	peak
3	3299.344	5.27	31.39	41.52	46.36	41.50	68.20	-26.70	peak
4	4495.125	6.76	33.59	42.55	47.15	44.95	68.20	-23.25	peak
5	11400.000								•
6	17100.000	14.14	42.66	40.53	34.66	50.93	68.20	-17.27	peak



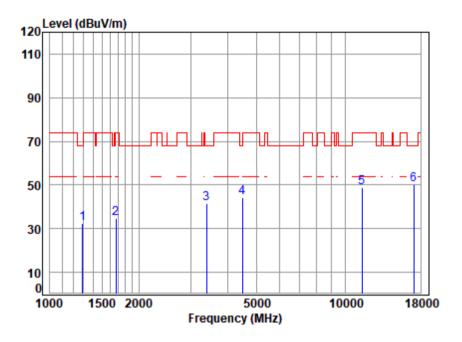
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5700 TX RSE Note : 5G WIFI 11A

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1289.627	2.92	24.98	40.35	44.97	32.52	68.20	-35.68	peak
2	1672.779	3.41	26.56	40.62	45.51	34.86	74.00	-39.14	peak
3	3396.098	5.39	31.54	41.61	46.34	41.66	68.20	-26.54	peak
4	4495.125	6.76	33.59	42.55	46.67	44.47	68.20	-23.73	peak
5	11400.000	11.50	37.88	38.65	38.27	49.00	74.00	-25.00	peak
6	17100.000	14.14	42.66	40.53	34.12	50.39	68.20	-17.81	peak



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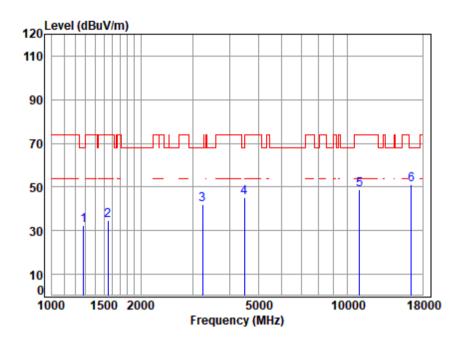
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5500 TX RSE
Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	2.91	24.95	40.35	44.66	32.17	68.20	-36.03	peak
2	1547.199	3.30	26.02	40.54	45.96	34.74	74.00	-39.26	peak
3	3233.260	5.18	31.29	41.45	46.96	41.98	68.20	-26.22	peak
4	4495.125	6.76	33.59	42.55	47.53	45.33	68.20	-22.87	peak
5	11000.000	10.97	37.80	38.47	38.45	48.75	74.00	-25.25	peak
6	16500.000	14.82	42.20	40.55	34.50	50.97	68.20	-17.23	peak



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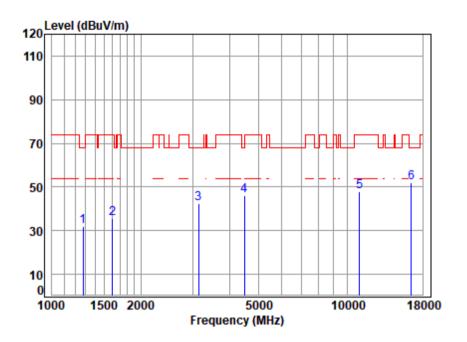
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5500 TX RSE Note : 5G WIFI 11N20

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	2.90	24.92	40.34	44.47	31.95	68.20	-36.25	peak
2	1601.804	3.35	26.26	40.57	46.36	35.40	74.00	-38.60	peak
3	3141.145	5.06	31.14	41.35	47.43	42.28	68.20	-25.92	peak
4	4495.125	6.76	33.59	42.55	48.22	46.02	68.20	-22.18	peak
5	11000.000								•
6	16500.000	14.82	42.20	40.55	35.42	51.89	68.20	-16.31	peak



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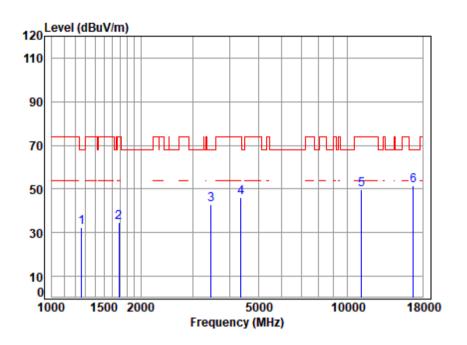
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5580 TX RSE
Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB		dBuV/m	dBuV/m	dB	
	1112	ub	ub/ III	ub	ubu*	abav/III	abav/iii	ub.	
1	1260.149	2.87	24.85	40.33	45.04	32.43	68.20	-35.77	peak
2	1687.347	3.42	26.62	40.62	45.27	34.69	74.00	-39.31	peak
3	3465.510	5.48	31.65	41.68	47.42	42.87	68.20	-25.33	peak
4	4367.058	6.64	33.37	42.45	48.58	46.14	74.00	-27.86	peak
5	11160.000	11.18	37.83	38.54	39.11	49.58	74.00	-24.42	peak
6	16740.000	14.51	42.39	40.54	35.15	51.51	68.20	-16.69	peak



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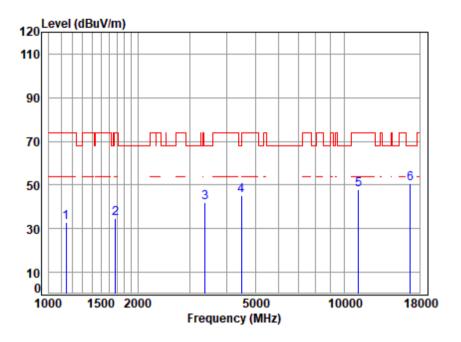
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5580 TX RSE Note : 5G WIFI 11N20

	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1142.201	2.66	24.32	40.23	46.00	32.75	74.00	-41.25	peak
1677.621	3.41	26.58	40.62	45.52	34.89	74.00	-39.11	peak
3386.297	5.38	31.53	41.60	46.58	41.89	68.20	-26.31	peak
4482.150	6.74	33.57	42.54	47.43	45.20	68.20	-23.00	peak
11160.000	11.18	37.83	38.54	37.58	48.05	74.00	-25.95	peak
16740.000	14.51	42.39	40.54	34.42	50.78	68.20	-17.42	peak
	MHz 1142.201 1677.621 3386.297 4482.150 11160.000	Freq Loss  MHz dB  1142.201 2.66 1677.621 3.41 3386.297 5.38 4482.150 6.74 11160.000 11.18	Freq Loss Factor  MHz dB dB/m  1142.201 2.66 24.32 1677.621 3.41 26.58 3386.297 5.38 31.53 4482.150 6.74 33.57 11160.000 11.18 37.83	Freq Loss Factor Factor  MHz dB dB/m dB  1142.201 2.66 24.32 40.23 1677.621 3.41 26.58 40.62 3386.297 5.38 31.53 41.60 4482.150 6.74 33.57 42.54 11160.000 11.18 37.83 38.54	Freq Loss Factor Factor Level           MHz         dB         dB/m         dB         dBuV           1142.201         2.66         24.32         40.23         46.00           1677.621         3.41         26.58         40.62         45.52           3386.297         5.38         31.53         41.60         46.58           4482.150         6.74         33.57         42.54         47.43           11160.000         11.18         37.83         38.54         37.58	Freq Loss Factor Factor Level Level           MHz         dB         dB/m         dB dBuV dBuV/m           1142.201         2.66         24.32         40.23         46.00         32.75           1677.621         3.41         26.58         40.62         45.52         34.89           3386.297         5.38         31.53         41.60         46.58         41.89           4482.150         6.74         33.57         42.54         47.43         45.20           11160.000         11.18         37.83         38.54         37.58         48.05	Freq Loss Factor Factor Level Level Line           MHz         dB dB/m         Level Level Line           MHz         dB dB/m         dB dBuV dBuV/m         dBuV/m           1142.201         2.66         24.32         40.23         46.00         32.75         74.00           1677.621         3.41         26.58         40.62         45.52         34.89         74.00           3386.297         5.38         31.53         41.60         46.58         41.89         68.20           4482.150         6.74         33.57         42.54         47.43         45.20         68.20           11160.000         11.18         37.83         38.54         37.58         48.05         74.00	Cable Ant Preamp Read Limit Over Loss Factor Factor Level Level Line Limit  MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB  1142.201 2.66 24.32 40.23 46.00 32.75 74.00 -41.25 1677.621 3.41 26.58 40.62 45.52 34.89 74.00 -39.11 3386.297 5.38 31.53 41.60 46.58 41.89 68.20 -26.31 4482.150 6.74 33.57 42.54 47.43 45.20 68.20 -23.00 11160.000 11.18 37.83 38.54 37.58 48.05 74.00 -25.95 16740.000 14.51 42.39 40.54 34.42 50.78 68.20 -17.42



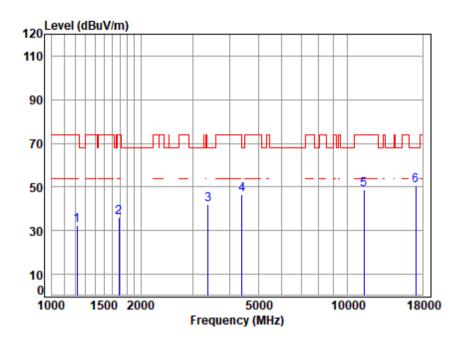
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5700 TX RSE
Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.190	2.80	24.67	40.30	45.14	32.31	74.00	-41.69	peak
2	1687.347	3.42	26.62	40.62	46.52	35.94	74.00	-38.06	peak
3	3386.297	5.38	31.53	41.60	46.68	41.99	68.20	-26.21	peak
4	4405.090	6.67	33.44	42.48	48.95	46.58	68.20	-21.62	peak
5	11400.000	11.50	37.88	38.65	37.95	48.68	74.00	-25.32	peak
6	17100.000	14.14	42.66	40.53	34.19	50.46	68.20	-17.74	peak



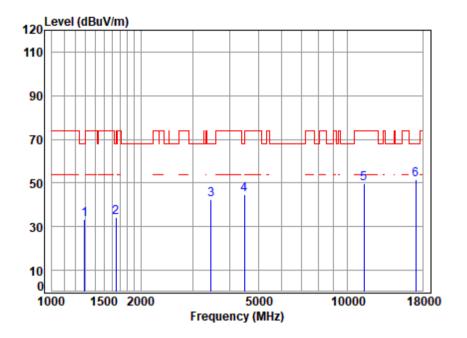
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5700 TX RSE Note : 5G WIFI 11N20

ote	: 30	MTLT	TIMZO						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1289.627	2.92	24.98	40.35	45.58	33.13	68.20	-35.07	peak
2	1648.778	3.39	26.46	40.60	44.95	34.20	68.20	-34.00	peak
3	3455.508	5.47	31.63	41.67	47.02	42.45	68.20	-25.75	peak
4	4482.150	6.74	33.57	42.54	46.95	44.72	68.20	-23.48	peak
5	11400.000	11.50	37.88	38.65	39.11	49.84	74.00	-24.16	peak
6	17100.000	14.14	42.66	40.53	35.18	51.45	68.20	-16.75	peak



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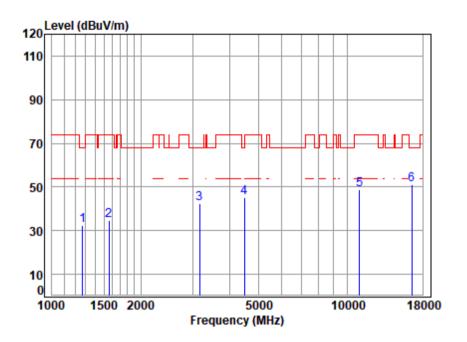
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5510 TX RSE
Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	2.89	24.90	40.34	44.91	32.36	68.20	-35.84	peak
2	1560.673	3.31	26.08	40.55	46.06	34.90	74.00	-39.10	peak
3	3168.500	5.09	31.18	41.38	47.77	42.66	68.20	-25.54	peak
4	4495.125	6.76	33.59	42.55	47.53	45.33	68.20	-22.87	peak
5	11020.000	11.00	37.80	38.48	38.41	48.73	74.00	-25.27	peak
6	16530.000	14.78	42.22	40.55	34.52	50.97	68.20	-17.23	peak



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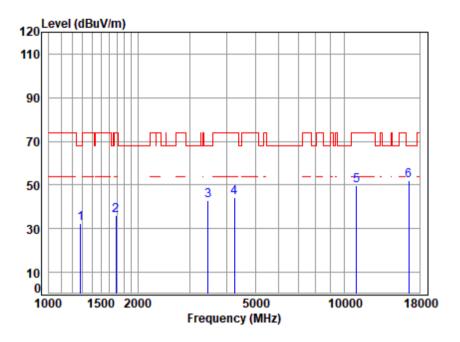
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5510 TX RSE Note : 5G WIFI 11N40

ote	. 30	MILI	111140							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1	1282.193	2.91	24.95	40.35	45.09	32.60	68.20	-35.60	peak	
2	1687.347	3.42	26.62	40.62	46.40	35.82	74.00	-38.18	peak	
3	3465.510	5.48	31.65	41.68	47.63	43.08	68.20	-25.12	peak	
4	4242.641	6.52	33.15	42.35	47.15	44.47	74.00	-29.53	peak	
5	11020.000	11.00	37.80	38.48	39.28	49.60	74.00	-24.40	peak	
6	16530.000	14.78	42.22	40.55	35.40	51.85	68.20	-16.35	peak	



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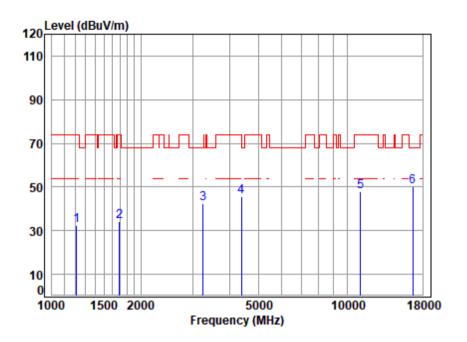
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5550 TX RSE
Note : 5G WIFT 11N40

OCC	. 50	AATIT	111140						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1210.174	2.78	24.64	40.29	45.17	32.30	74.00	-41.70	peak
2	1692.231	3.42	26.64	40.63	44.95	34.38	74.00	-39.62	peak
3	3252.005	5.21	31.32	41.47	47.23	42.29	68.20	-25.91	peak
4	4392.376	6.66	33.42	42.47	47.88	45.49	74.00	-28.51	peak
5	11100.000	11.10	37.82	38.52	37.69	48.09	74.00	-25.91	peak
6	16650.000	14.62	42.32	40.54	34.01	50.41	68.20	-17.79	peak
									•



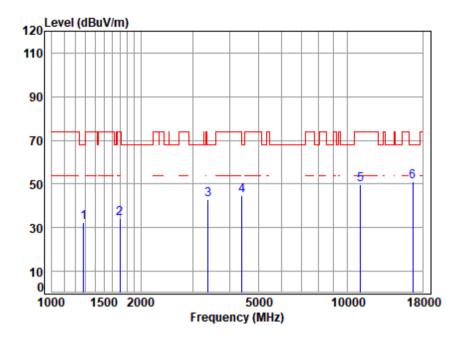
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Report No.: SZEM200900885203

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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5550 TX RSE Note : 5G WIFI 11N40

	Cable	Λnt	Dnaamn	Road		Limit	Oven	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB	
						•		
1282.193	2.91	24.95	40.35	44.89	32.40	68.20	-35.80	peak
1697.129	3.43	26.66	40.63	44.89	34.35	74.00	-39.65	peak
3376.523	5.37	31.51	41.59	47.66	42.95	68.20	-25.25	peak
4405.090	6.67	33.44	42.48	47.19	44.82	68.20	-23.38	peak
11100.000	11.10	37.82	38.52	39.14	49.54	74.00	-24.46	peak
16650.000	14.62	42.32	40.54	34.90	51.30	68.20	-16.90	peak
	MHz 1282.193 1697.129 3376.523 4405.090 11100.000	Freq Loss  MHz dB  1282.193 2.91 1697.129 3.43 3376.523 5.37 4405.090 6.67 11100.000 11.10	Freq Loss Factor  MHz dB dB/m  1282.193 2.91 24.95 1697.129 3.43 26.66 3376.523 5.37 31.51 4405.090 6.67 33.44 11100.000 11.10 37.82	Freq         Loss Factor Factor           MHz         dB         dB/m         dB           1282.193         2.91         24.95         40.35           1697.129         3.43         26.66         40.63           3376.523         5.37         31.51         41.59           4405.090         6.67         33.44         42.48           11100.000         11.10         37.82         38.52	Freq         Loss Factor Factor         Level           MHz         dB         dB/m         dB         dBuV           1282.193         2.91         24.95         40.35         44.89           1697.129         3.43         26.66         40.63         44.89           3376.523         5.37         31.51         41.59         47.66           4405.090         6.67         33.44         42.48         47.19           11100.000         11.10         37.82         38.52         39.14	Freq Loss Factor Factor Level Level           MHz         dB         dB/m         dB         dBuV         dBuV/m           1282.193         2.91         24.95         40.35         44.89         32.40           1697.129         3.43         26.66         40.63         44.89         34.35           3376.523         5.37         31.51         41.59         47.66         42.95           4405.090         6.67         33.44         42.48         47.19         44.82           11100.000         11.10         37.82         38.52         39.14         49.54	Freq Loss Factor Factor Level Level Line           MHz         dB         dB/m         dB dBuV         dBuV/m         dBuV/m           1282.193         2.91         24.95         40.35         44.89         32.40         68.20           1697.129         3.43         26.66         40.63         44.89         34.35         74.00           3376.523         5.37         31.51         41.59         47.66         42.95         68.20           4405.090         6.67         33.44         42.48         47.19         44.82         68.20           11100.000         11.10         37.82         38.52         39.14         49.54         74.00	Cable Ant Preamp Read Limit Over Loss Factor Factor Level Level Line Limit  MHz dB dB/m dB dBuV dBuV/m dBuV/m dBuV/m dB  1282.193 2.91 24.95 40.35 44.89 32.40 68.20 -35.80 1697.129 3.43 26.66 40.63 44.89 34.35 74.00 -39.65 3376.523 5.37 31.51 41.59 47.66 42.95 68.20 -25.25 4405.090 6.67 33.44 42.48 47.19 44.82 68.20 -23.38 11100.000 11.10 37.82 38.52 39.14 49.54 74.00 -24.46 16650.000 14.62 42.32 40.54 34.90 51.30 68.20 -16.90



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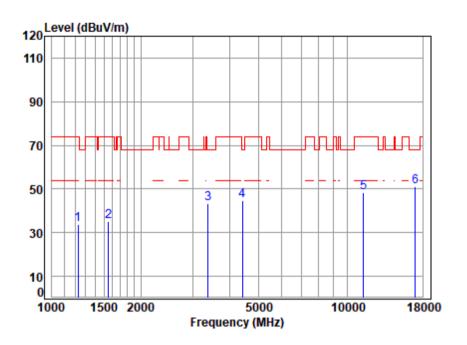
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5670 TX RSE
Note : 5G WIFI 11N40

		****	1111-0						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	2.82	24.71	40.31	46.58	33.80	74.00	-40.20	peak
2	1551.677	3.31	26.04	40.54	46.30	35.11	74.00	-38.89	peak
3	3386.297	5.38	31.53	41.60	47.87	43.18	68.20	-25.02	peak
4	4417.841	6.68	33.46	42.49	47.23	44.88	68.20	-23.32	peak
5	11340.000	11.42	37.87	38.62	37.78	48.45	74.00	-25.55	peak
	17010.000								
									•



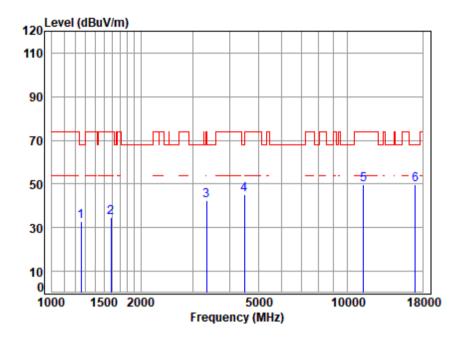
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5670 TX RSE Note : 5G WIFI 11N40

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	2.87	24.84	40.33	45.63	33.01	68.20	-35.19	peak
2	1583.392	3.33	26.18	40.56	45.73	34.68	74.00	-39.32	peak
3	3337.710	5.32	31.45	41.56	47.38	42.59	74.00	-31.41	peak
4	4482.150	6.74	33.57	42.54	47.30	45.07	68.20	-23.13	peak
5	11340.000	11.42	37.87	38.62	39.01	49.68	74.00	-24.32	peak
	17010.000								



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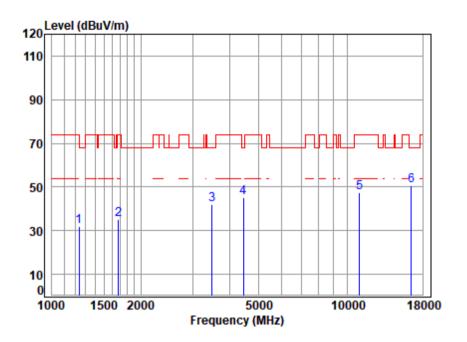
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5500 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	2.83	24.76	40.31	44.74	32.02	74.00	-41.98	peak
2	1682.477	3.42	26.60	40.62	45.68	35.08	74.00	-38.92	peak
3	3485.601	5.50	31.68	41.70	46.46	41.94	68.20	-26.26	peak
4	4456.315	6.72	33.53	42.52	47.44	45.17	68.20	-23.03	peak
5	11000.000	10.97	37.80	38.47	37.31	47.61	74.00	-26.39	peak
6	16500.000	14.82	42.20	40.55	34.28	50.75	68.20	-17.45	peak



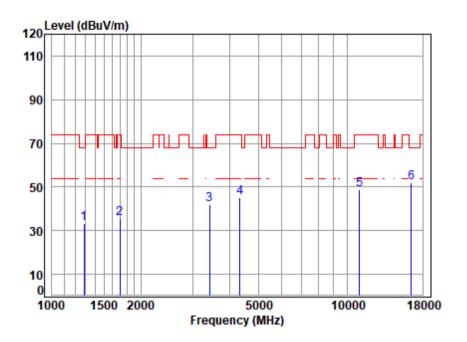
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5500 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1285.904	2.92	24.96	40.35	45.83	33.36	68.20	-34.84	peak
2	1697.129	3.43	26.66	40.63	45.94	35.40	74.00	-38.60	peak
3	3425.675	5.43	31.59	41.64	46.57	41.95	68.20	-26.25	peak
4	4341.886	6.61	33.33	42.43	47.44	44.95	74.00	-29.05	peak
	11000.000								•
	16500.000								•
									•



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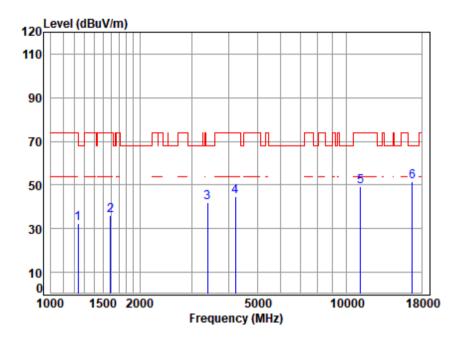
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5580 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	2.83	24.76	40.31	45.12	32.40	74.00	-41.60	peak
2	1592.571	3.34	26.22	40.57	46.96	35.95	74.00	-38.05	peak
3	3396.098	5.39	31.54	41.61	46.68	42.00	68.20	-26.20	peak
4	4218.186	6.50	33.11	42.33	47.54	44.82	74.00	-29.18	peak
5	11160.000	11.18	37.83	38.54	38.65	49.12	74.00	-24.88	peak
6	16740.000	14.51	42.39	40.54	35.29	51.65	68.20	-16.55	peak



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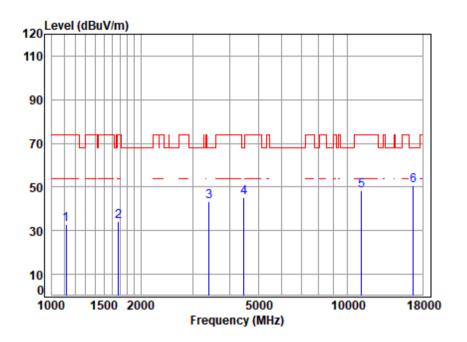
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Report No.: SZEM200900885203

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5580 TX RSE Note : 5G WIFI 11AC20

ote	. 50	MILI	TIACZO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
1	1116.093	2.60	24.20	40.21	46.19	32.78	74.00	-41.22	peak	
2	1682.477	3.42	26.60	40.62	45.02	34.42	74.00	-39.58	peak	
3	3405.929	5.40	31.56	41.62	47.84	43.18	68.20	-25.02	peak	
4	4469.214	6.73	33.55	42.53	47.45	45.20	68.20	-23.00	peak	
5	11160.000	11.18	37.83	38.54	37.98	48.45	74.00	-25.55	peak	
	16740.000								-	



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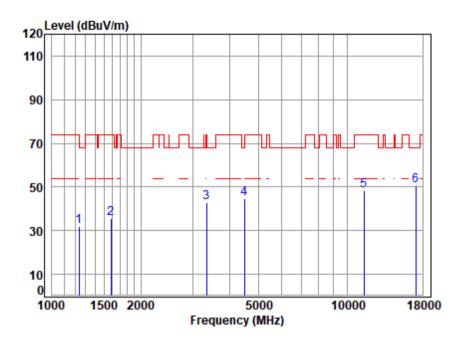
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5700 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	2.83	24.76	40.31	44.70	31.98	74.00	-42.02	peak
2	1583.392	3.33	26.18	40.56	46.77	35.72	74.00	-38.28	peak
3	3337.710	5.32	31.45	41.56	47.55	42.76	74.00	-31.24	peak
4	4495.125	6.76	33.59	42.55	46.75	44.55	68.20	-23.65	peak
5	11400.000	11.50	37.88	38.65	37.79	48.52	74.00	-25.48	peak
6	17100.000	14.14	42.66	40.53	34.19	50.46	68.20	-17.74	peak



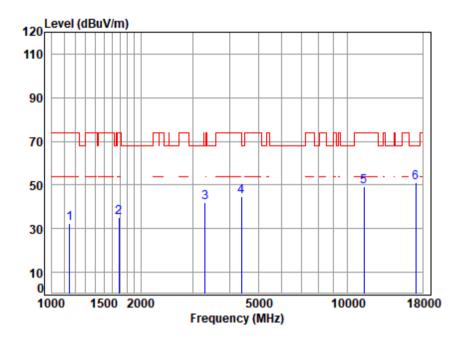
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Report No.: SZEM200900885203

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5700 TX RSE Note : 5G WIFI 11AC20

				_				_	
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB		dB		dBu\//m	dBuV/m	——dB	
	PIIIZ	ub	ub/III	ub	ubuv	ubuv/III	ubuv/III	ub	
1	1148.823	2.67	24.35	40.24	45.50	32.28	74.00	-41.72	peak
2	1687.347	3.42	26.62	40.62	45.75	35.17	74.00	-38.83	peak
3	3299.344	5.27	31.39	41.52	47.05	42.19	68.20	-26.01	peak
4	4392.376	6.66	33.42	42.47	47.15	44.76	74.00	-29.24	peak
5	11400.000	11.50	37.88	38.65	38.37	49.10	74.00	-24.90	peak
6	17100.000	14.14	42.66	40.53	34.84	51.11	68.20	-17.09	peak



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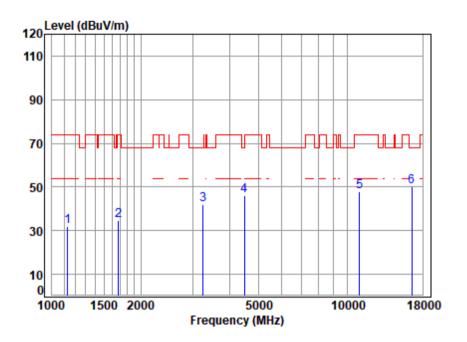
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Report No.: SZEM200900885203

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5510 TX RSE
Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1129.072	2.63	24.26	40.22	45.38	32.05	74.00	-41.95	peak
2	1682.477	3.42	26.60	40.62	45.17	34.57	74.00	-39.43	peak
3	3252.005	5.21	31.32	41.47	46.82	41.88	68.20	-26.32	peak
4	4495.125	6.76	33.59	42.55	48.08	45.88	68.20	-22.32	peak
5	11020.000	11.00	37.80	38.48	37.61	47.93	74.00	-26.07	peak
6	16530.000	14.78	42.22	40.55	33.55	50.00	68.20	-18.20	peak



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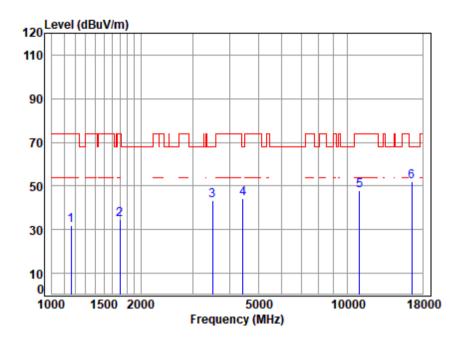
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5510 TX RSE

Note : 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1162.182	2.69	24.42	40.25	45.17	32.03	74.00	-41.97	peak
2	1697.129	3.43	26.66	40.63	45.36	34.82	74.00	-39.18	peak
3	3495.691	5.51	31.69	41.71	47.82	43.31	68.20	-24.89	peak
4	4430.628	6.70	33.48	42.50	46.54	44.22	68.20	-23.98	peak
5	11020.000	11.00	37.80	38.48	37.55	47.87	74.00	-26.13	peak
6	16530.000	14.78	42.22	40.55	35.59	52.04	68.20	-16.16	peak



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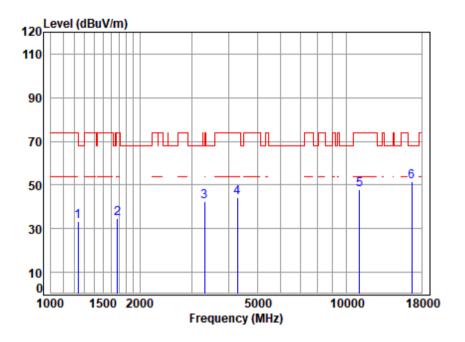
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5550 TX RSE
Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	4034 000			40.34	45.00	22.45	74.00	40.05	
1	1234.909	2.83	24./4	40.31	45.89	33.15	/4.00	-40.85	peak
2	1682.477	3.42	26.60	40.62	45.24	34.64	74.00	-39.36	peak
3	3318.471	5.29	31.42	41.54	47.49	42.66	68.20	-25.54	peak
4	4291.977	6.57	33.24	42.39	46.81	44.23	74.00	-29.77	peak
5	11100.000	11.10	37.82	38.52	37.31	47.71	74.00	-26.29	peak
6	16650.000	14.62	42.32	40.54	35.03	51.43	68.20	-16.77	peak



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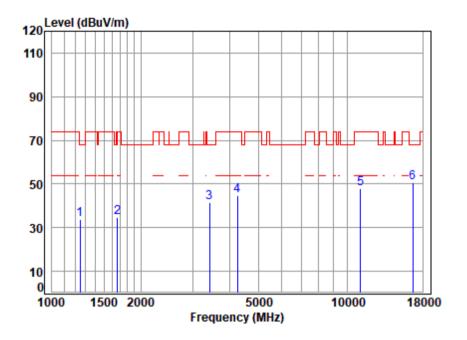
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Report No.: SZEM200900885203

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5550 TX RSE Note : 5G WIFI 11AC40

ote	. 30	MTLT	TIAC40							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1245.663	2.85	24.79	40.32	46.48	33.80	68.20	-34.40	peak	
2	1667.951	3.40	26.54	40.61	45.48	34.81	74.00	-39.19	peak	
3	3425.675	5.43	31.59	41.64	46.18	41.56	68.20	-26.64	peak	
4	4242.641	6.52	33.15	42.35	47.57	44.89	74.00	-29.11	peak	
5	11100.000	11.10	37.82	38.52	37.41	47.81	74.00	-26.19	peak	
6	16650.000	14.62	42.32	40.54	34.18	50.58	68.20	-17.62	peak	



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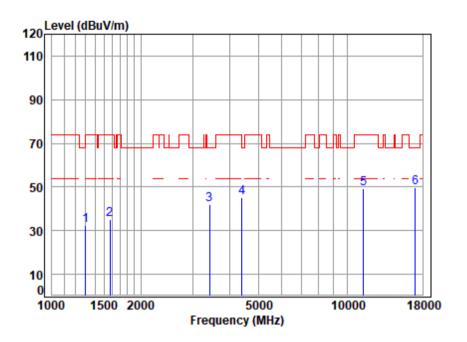
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5670 TX RSE
Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	2.94	25.03	40.36	44.68	32.29	74.00	-41.71	peak
2	1574.265	3.33	26.14	40.55	46.11	35.03	74.00	-38.97	peak
3	3415.787	5.42	31.57	41.63	46.76	42.12	68.20	-26.08	peak
4	4405.090	6.67	33.44	42.48	47.43	45.06	68.20	-23.14	peak
5	11340.000	11.42	37.87	38.62	38.49	49.16	74.00	-24.84	peak
6	17010.000	14.17	42.61	40.53	33.42	49.67	68.20	-18.53	peak



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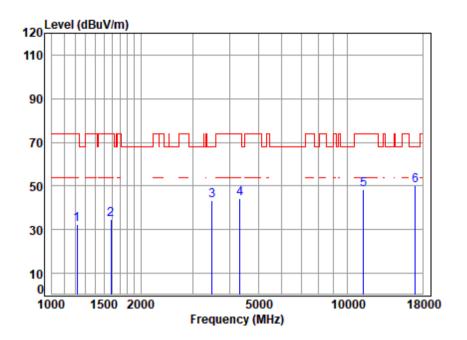
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5670 TX RSE

Mode : 5670 TX RSE Note : 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.190	2.80	24.67	40.30	45.16	32.33	74.00	-41.67	peak
2	1583.392	3.33	26.18	40.56	45.63	34.58	74.00	-39.42	peak
3	3485.601	5.50	31.68	41.70	47.91	43.39	68.20	-24.81	peak
4	4329.354	6.60	33.30	42.42	46.78	44.26	74.00	-29.74	peak
5	11340.000	11.42	37.87	38.62	37.81	48.48	74.00	-25.52	peak
6	17010.000	14.17	42.61	40.53	33.95	50.20	68.20	-18.00	peak



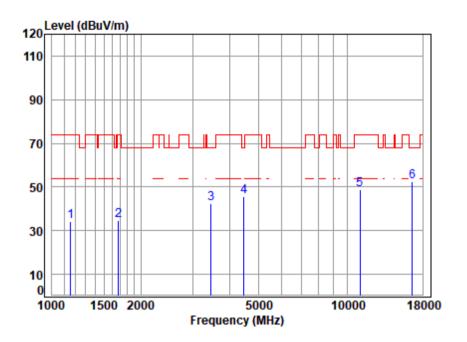
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5530 TX RSE
Note : 5G WIFI 11AC80

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1158.828	2.69	24.40	40.25	47.48	34.32	74.00	-39.68	peak
2	1682.477	3.42	26.60	40.62	45.17	34.57	74.00	-39.43	peak
3	3455.508	5.47	31.63	41.67	46.98	42.41	68.20	-25.79	peak
4	4469.214	6.73	33.55	42.53	47.71	45.46	68.20	-22.74	peak
5	11060.000	11.05	37.81	38.50	38.60	48.96	74.00	-25.04	peak
6	16590.000	14.70	42.27	40.54	36.24	52.67	68.20	-15.53	peak



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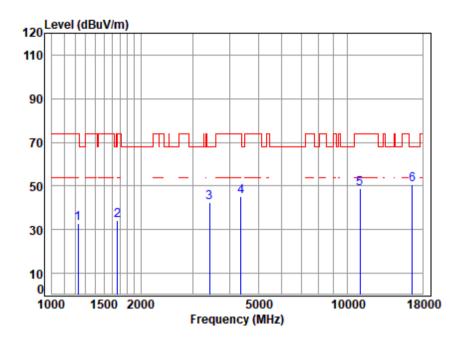
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5530 TX RSE
Note : 5G WIFI 11AC80

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	2.82	24.71	40.31	45.64	32.86	74.00	-41.14	peak
2	1667.951	3.40	26.54	40.61	45.02	34.35	74.00	-39.65	peak
3	3425.675	5.43	31.59	41.64	47.21	42.59	68.20	-25.61	peak
4	4367.058	6.64	33.37	42.45	47.42	44.98	74.00	-29.02	peak
5	11060.000	11.05	37.81	38.50	38.26	48.62	74.00	-25.38	peak
	16590.000								



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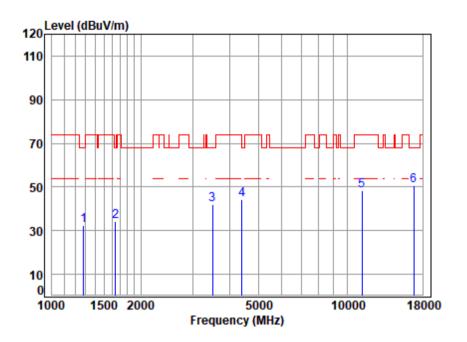
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5610 TX RSE
Note : 5G WIFI 11AC80

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
						JD: 3//	JD. A//		
	MHz	dB	ab/m	dB	abuv	abuv/m	abuv/m	dB	
1	1278.492	2.91	24.93	40.35	44.83	32.32	68.20	-35.88	peak
2	1639.274	3.38	26.42	40.59	44.98	34.19	68.20	-34.01	peak
3	3495.691	5.51	31.69	41.71	46.70	42.19	68.20	-26.01	peak
4	4405.090	6.67	33.44	42.48	46.58	44.21	68.20	-23.99	peak
5	11220.000	11.26	37.84	38.57	38.03	48.56	74.00	-25.44	peak
6	16830.000	14.39	42.47	40.54	34.34	50.66	68.20	-17.54	peak



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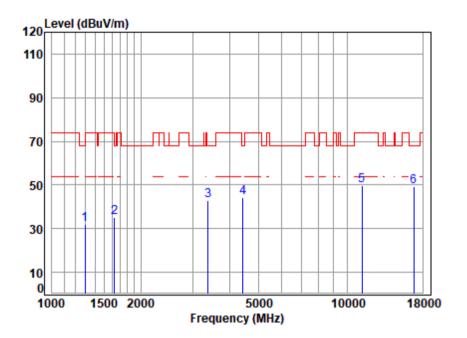
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5610 TX RSE Note : 5G WIFI 11AC80

ore		MILI	TIACOU						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1293.359	2.93	25.00	40.36	44.27	31.84	68.20	-36.36	peak
2	1629.825	3.37	26.38	40.59	45.84	35.00	68.20	-33.20	peak
3	3376.523	5.37	31.51	41.59	47.67	42.96	68.20	-25.24	peak
4	4430.628	6.70	33.48	42.50	46.80	44.48	68.20	-23.72	peak
5	11220.000	11.26	37.84	38.57	39.07	49.60	74.00	-24.40	peak
6	16830.000	14.39	42.47	40.54	33.15	49.47	68.20	-18.73	peak



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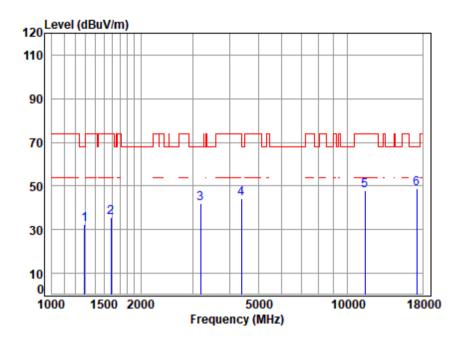
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Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5745 TX RSE
Note : 5G WIFI 11A

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 1289.627 2.92 24.98 40.35 44.69 32.24 68.20 -35.96 peak 1 2 1583.392 3.33 26.18 40.56 46.74 35.69 74.00 -38.31 peak 3 5.12 31.21 41.40 46.85 41.78 68.20 -26.42 peak 3186.869 6.65 33.39 42.46 46.47 44.05 74.00 -29.95 peak 4 4379.699 5 11490.000 11.62 37.90 38.69 37.26 48.09 74.00 -25.91 peak 17235.000 14.09 42.74 40.52 32.30 48.61 68.20 -19.59 peak



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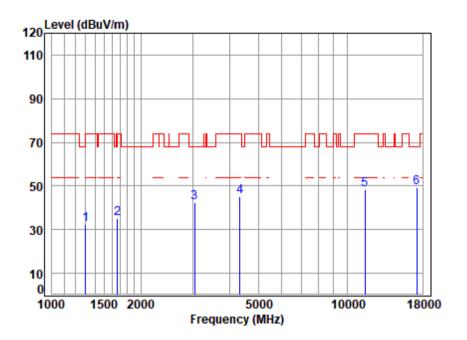
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Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5745 TX RSE Note : 5G WIFI 11A

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	2.94	25.03	40.36	44.98	32.59	74.00	-41.41	peak
2	1667.951	3.40	26.54	40.61	45.84	35.17	74.00	-38.83	peak
3	3042.846	4.92	30.97	41.25	47.62	42.26	68.20	-25.94	peak
4	4329.354	6.60	33.30	42.42	47.67	45.15	74.00	-28.85	peak
5	11490.000	11.62	37.90	38.69	37.46	48.29	74.00	-25.71	peak
6	17235.000	14.09	42.74	40.52	33.03	49.34	68.20	-18.86	peak



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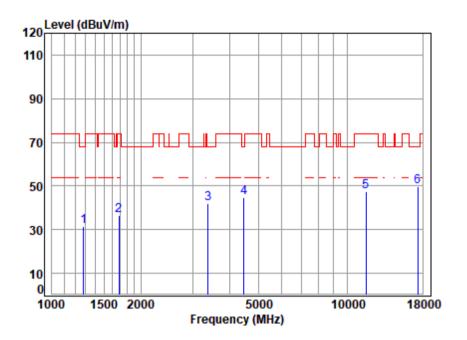
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Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5785 TX RSE
Note : 5G WIFI 11A

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1278.492	2.91	24.93	40.35	44.07	31.56	68.20	-36.64	peak
2	1687.347	3.42	26.62	40.62	46.92	36.34	74.00	-37.66	peak
3	3386.297	5.38	31.53	41.60	46.82	42.13	68.20	-26.07	peak
4	4469.214	6.73	33.55	42.53	47.01	44.76	68.20	-23.44	peak
5	11570.000	11.72	37.87	38.72	36.66	47.53	74.00	-26.47	peak
	17355.000								-



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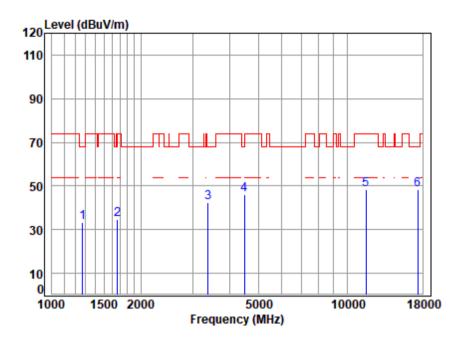
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Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5785 TX RSE Note : 5G WIFI 11A

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	2.89	24.90	40.34	45.73	33.18	68.20	-35.02	peak
2	1667.951	3.40	26.54	40.61	45.51	34.84	74.00	-39.16	peak
3	3386.297	5.38	31.53	41.60	47.05	42.36	68.20	-25.84	peak
4	4495.125	6.76	33.59	42.55	48.48	46.28	68.20	-21.92	peak
5	11570.000	11.72	37.87	38.72	37.30	48.17	74.00	-25.83	peak
6	17355.000	14.06	42.81	40.52	32.03	48.38	68.20	-19.82	peak



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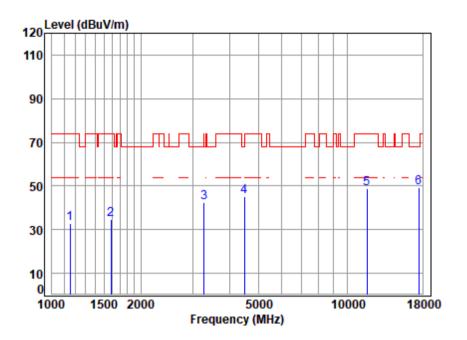
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

1

2

3

4

5

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5825 TX RSE
Note : 5G WIFI 11A

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 1152.148 24.37 40.24 46.08 32.88 74.00 -41.12 peak 2.67 1583.392 3.33 26.18 40.56 45.57 34.52 74.00 -39.48 peak 3280.326 5.24 31.36 41.50 47.42 42.52 68.20 -25.68 peak 6.74 33.57 42.54 47.19 44.96 68.20 -23.24 peak 4482.150 11650.000 11.82 37.84 38.75 37.85 48.76 74.00 -25.24 peak

14.02 42.89 40.52 32.77 49.16 68.20 -19.04 peak



17475.000

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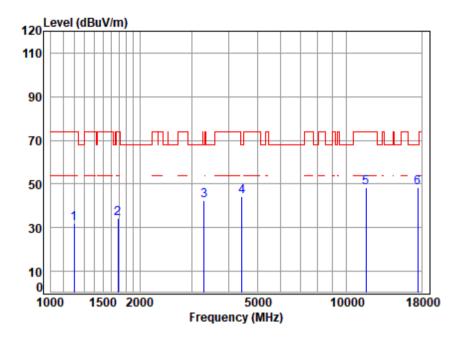
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Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5825 TX RSE Note : 5G WIFI 11A

1 2

3

4

5

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 1199.726 2.76 24.59 40.28 44.99 32.06 74.00 -41.94 peak 1687.347 3.42 26.62 40.62 44.70 34.12 74.00 -39.88 peak 3308.894 5.28 31.41 41.53 47.41 42.57 68.20 -25.63 peak 33.50 42.51 46.52 44.22 68.20 -23.98 peak 4443.453 6.71 11650.000 11.82 37.84 38.75 37.62 48.53 74.00 -25.47 peak 17475.000 14.02 42.89 40.52 31.76 48.15 68.20 -20.05 peak



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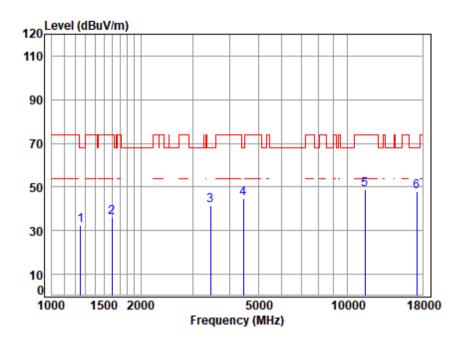
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Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5745 TX RSE
Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	4040 050			40.70	45.07	20.64		35 50	
1	1249.269	2.85	24.81	40.32	45.2/	32.61	68.20	-35.59	peak
2	1597.181	3.35	26.24	40.57	46.87	35.89	74.00	-38.11	peak
3	3445.535	5.45	31.62	41.66	46.28	41.69	68.20	-26.51	peak
4	4456.315	6.72	33.53	42.52	46.88	44.61	68.20	-23.59	peak
5	11490.000	11.62	37.90	38.69	38.06	48.89	74.00	-25.11	peak
6	17235.000	14.09	42.74	40.52	31.78	48.09	68.20	-20.11	peak



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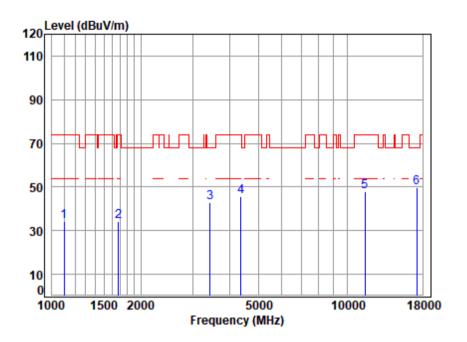
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Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5745 TX RSE Note : 5G WIFI 11N20

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1100.079	2.57	24.12	40.20	47.58	34.07	74.00	-39.93	peak
2	1677.621	3.41	26.58	40.62	44.98	34.35	74.00	-39.65	peak
3	3435.590	5.44	31.60	41.65	47.46	42.85	68.20	-25.35	peak
4	4367.058	6.64	33.37	42.45	48.09	45.65	74.00	-28.35	peak
5	11490.000	11.62	37.90	38.69	37.13	47.96	74.00	-26.04	peak
6	17235.000	14.09	42.74	40.52	33.37	49.68	68.20	-18.52	peak



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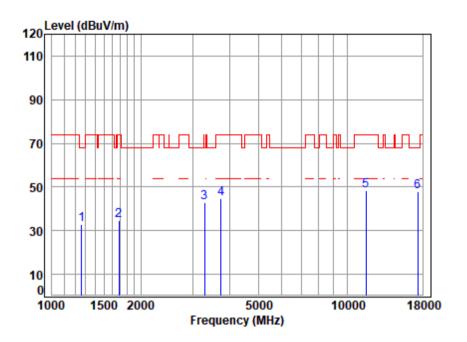
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Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5785 TX RSE
Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1260.149	2.87	24.85	40.33	45.38	32.77	68.20	-35.43	peak
2	1687.347	3.42	26.62	40.62	45.11	34.53	74.00	-39.47	peak
3	3289.821	5.25	31.38	41.51	47.54	42.66	68.20	-25.54	peak
4	3746.792	5.91	32.21	41.94	48.47	44.65	74.00	-29.35	peak
5	11570.000	11.72	37.87	38.72	37.62	48.49	74.00	-25.51	peak
6	17355.000	14.06	42.81	40.52	31.77	48.12	68.20	-20.08	peak



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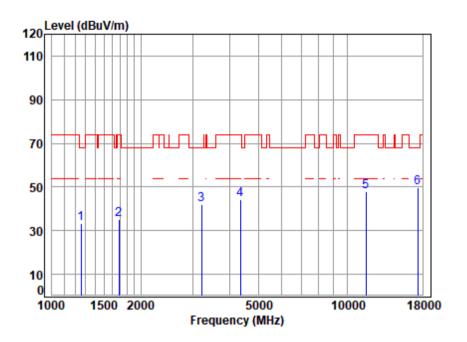
Rom (K, Sulfing, Kaling Rednoting Industrial Part, No. 9Freques (Not. Inflanc Community, Fryang Street, Sair all Edinity, Standard, Shandard, China 518103 t (86—755) 26012053 f (86—755) 260710594 www.s.gsgroup.com.cn 中国 - 深圳- 宝安区福永街道新田社区风塘大道50号盒龙科技工业园林105室 邮第:518103 t (86—755) 26012053 f (86—755) 260710594 sgs.china@sgs.com



Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5785 TX RSE Note : 5G WIFI 11N20

ote	. 30	MILI	TINZO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
4	1256 512	2 07	24 04	40.22	45 02	22.20	CO 20	24.00		
1	1256.512	2.0/	24.04	40.33	45.92	33.30	66.20	-34.90	реак	
2	1687.347	3.42	26.62	40.62	45.60	35.02	74.00	-38.98	peak	
3	3214.623	5.16	31.26	41.43	47.15	42.14	68.20	-26.06	peak	
4	4354.454	6.63	33.35	42.44	46.89	44.43	74.00	-29.57	peak	
5	11570.000	11.72	37.87	38.72	36.99	47.86	74.00	-26.14	peak	
6	17355.000	14.06	42.81	40.52	33.39	49.74	68.20	-18.46	peak	



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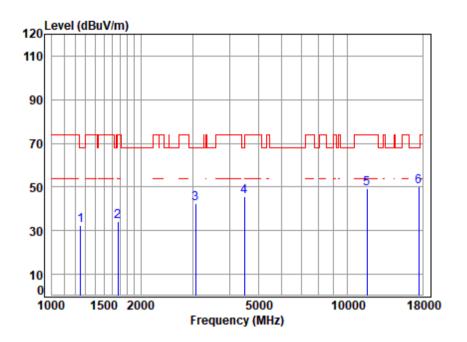
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Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5825 TX RSE
Note : 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	2.85	24.81	40.32	45.24	32.58	68.20	-35.62	peak
2	1672.779	3.41	26.56	40.62	45.09	34.44	74.00	-39.56	peak
3	3069.345	4.96	31.02	41.28	47.53	42.23	68.20	-25.97	peak
4	4495.125	6.76	33.59	42.55	47.76	45.56	68.20	-22.64	peak
5	11650.000	11.82	37.84	38.75	38.15	49.06	74.00	-24.94	peak
6	17475.000	14.02	42.89	40.52	33.86	50.25	68.20	-17.95	peak



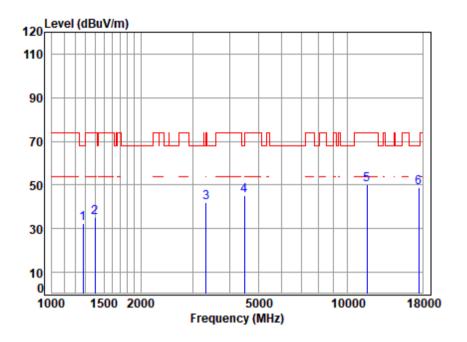
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Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5825 TX RSE Note : 5G WIFI 11N20

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	2.90	24.92	40.34	45.13	32.61	68.20	-35.59	peak
2	1402.384	3.11	25.43	40.44	46.81	34.91	74.00	-39.09	peak
3	3328.077	5.30	31.44	41.55	46.99	42.18	68.20	-26.02	peak
4	4495.125	6.76	33.59	42.55	47.44	45.24	68.20	-22.96	peak
5	11650.000	11.82	37.84	38.75	39.38	50.29	74.00	-23.71	peak
6	17475.000	14.02	42.89	40.52	32.32	48.71	68.20	-19.49	peak



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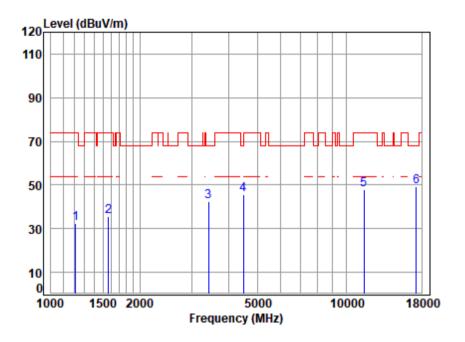
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5755 TX RSE
Note : 5G WIFI 11N40

		****	1111-0						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1210.174	2.78	24.64	40.29	45.10	32.23	74.00	-41.77	peak
2	1569.721	3.32	26.12	40.55	46.77	35.66	74.00	-38.34	peak
3	3415.787	5.42	31.57	41.63	47.03	42.39	68.20	-25.81	peak
4	4482.150	6.74	33.57	42.54	47.88	45.65	68.20	-22.55	peak
5	11510.000	11.64	37.90	38.69	37.23	48.08	74.00	-25.92	peak
	17265.000								
									•



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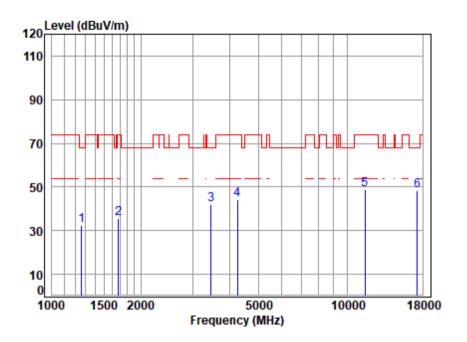
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5755 TX RSE

Mode : 5755 TX RSE Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1260.149	2.87	24.85	40.33	44.93	32.32	68.20	-35.88	peak
2	1677.621	3.41	26.58	40.62	46.06	35.43	74.00	-38.57	peak
3	3455.508	5.47	31.63	41.67	46.44	41.87	68.20	-26.33	peak
4	4254.921	6.53	33.17	42.36	47.08	44.42	74.00	-29.58	peak
5	11510.000	11.64	37.90	38.69	37.92	48.77	74.00	-25.23	peak
6	17265.000	14.08	42.76	40.52	32.19	48.51	68.20	-19.69	peak



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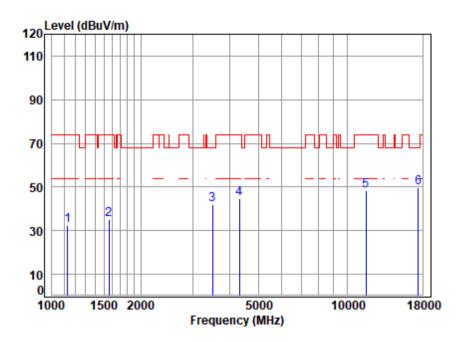
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5795 TX RSE
Note : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
						JD: 3//	JD: 3//		
	MHz	dB	ab/m	dB	abuv	abuv/m	abuv/m	dB	
1	1132.340	2.64	24.27	40.22	45.67	32.36	74.00	-41.64	peak
2	1560.673	3.31	26.08	40.55	46.16	35.00	74.00	-39.00	peak
3	3495.691	5.51	31.69	41.71	46.62	42.11	68.20	-26.09	peak
4	4316.859	6.59	33.28	42.41	47.22	44.68	74.00	-29.32	peak
5	11590.000	11.74	37.86	38.73	37.55	48.42	74.00	-25.58	peak
6	17385.000	14.05	42.83	40.52	33.28	49.64	68.20	-18.56	peak



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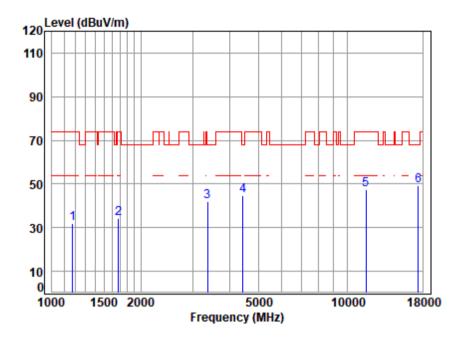
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5795 TX RSE Note : 5G WIFI 11N40

ote	. 30	MTLT	111140							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
1	1175.697	2.72	24.48	40.26	44.86	31.80	74.00	-42.20	peak	
2	1682.477	3.42	26.60	40.62	44.86	34.26	74.00	-39.74	peak	
3	3366.778	5.35	31.50	41.58	46.49	41.76	68.20	-26.44	peak	
4	4443.453	6.71	33.50	42.51	46.97	44.67	68.20	-23.53	peak	
5	11590.000	11.74	37.86	38.73	36.35	47.22	74.00	-26.78	peak	
6	17385.000	14.05	42.83	40.52	32.74	49.10	68.20	-19.10	peak	



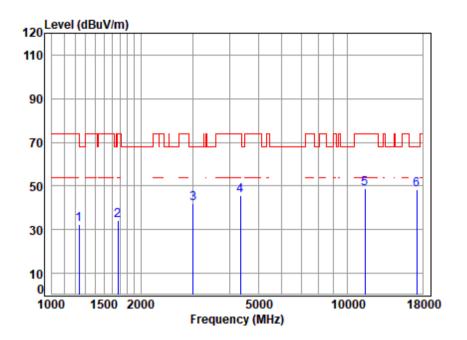
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5745 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	2.83	24.76	40.31	45.18	32.46	74.00	-41.54	peak
2	1672.779	3.41	26.56	40.62	44.92	34.27	74.00	-39.73	peak
3	3007.868	4.87	30.91	41.21	47.19	41.76	68.20	-26.44	peak
4	4354.454	6.63	33.35	42.44	48.08	45.62	74.00	-28.38	peak
5	11490.000	11.62	37.90	38.69	37.78	48.61	74.00	-25.39	peak
6	17235.000	14.09	42.74	40.52	31.91	48.22	68.20	-19.98	peak



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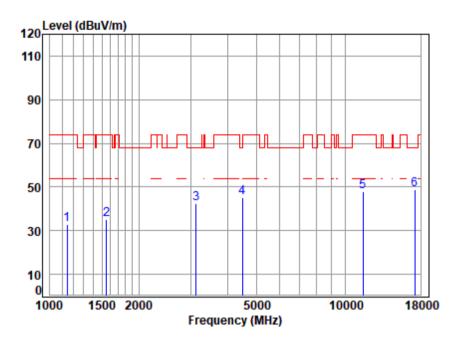
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5745 TX RSE
Note : 5G WIFI 11AC20

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1142.201	2.66	24.32	40.23	46.15	32.90	74.00	-41.10	peak
2	1551.677	3.31	26.04	40.54	46.11	34.92	74.00	-39.08	peak
3	3123.039	5.03	31.11	41.33	47.43	42.24	68.20	-25.96	peak
4	4495.125	6.76	33.59	42.55	47.49	45.29	68.20	-22.91	peak
5	11490.000	11.62	37.90	38.69	36.93	47.76	74.00	-26.24	peak
6	17235.000	14.09	42.74	40.52	32.36	48.67	68.20	-19.53	peak



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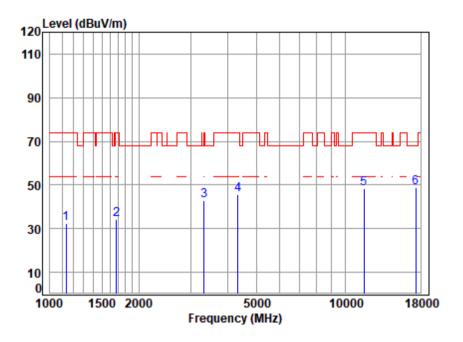
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5785 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
1	1135.617	2.64	24.29	40.23	45.87	32.57	74.00	-41.43	peak	
2	1682.477	3.42	26.60	40.62	44.91	34.31	74.00	-39.69	peak	
3	3328.077	5.30	31.44	41.55	47.58	42.77	68.20	-25.43	peak	
4	4341.886	6.61	33.33	42.43	48.06	45.57	74.00	-28.43	peak	
5	11570.000	11.72	37.87	38.72	37.61	48.48	74.00	-25.52	peak	
6	17355.000	14.06	42.81	40.52	32.31	48.66	68.20	-19.54	peak	



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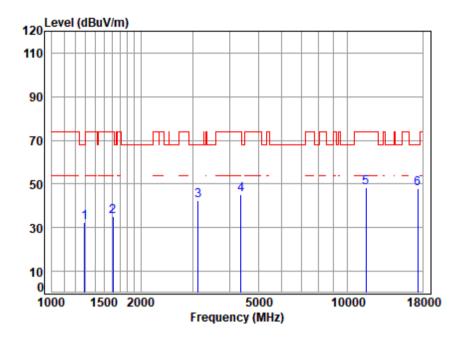
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Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5785 TX RSE Note : 5G WIFI 11AC20

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1289.627	2.92	24.98	40.35	44.75	32.30	68.20	-35.90	peak
2	1611.091	3.36	26.30	40.58	46.03	35.11	74.00	-38.89	peak
3	3123.039	5.03	31.11	41.33	47.78	42.59	68.20	-25.61	peak
4	4367.058	6.64	33.37	42.45	47.79	45.35	74.00	-28.65	peak
5	11570.000	11.72	37.87	38.72	37.30	48.17	74.00	-25.83	peak
6	17355.000	14.06	42.81	40.52	31.48	47.83	68.20	-20.37	peak



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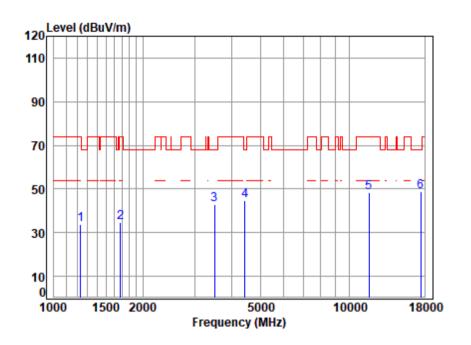
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5825 TX RSE
Note : 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	——dB	dBuV	dBuV/m	dBuV/m	——dB	
			•			•	•		
1	1231.345	2.82	24.73	40.31	46.42	33.66	74.00	-40.34	peak
2	1677.621	3.41	26.58	40.62	45.21	34.58	74.00	-39.42	peak
3	3495.691	5.51	31.69	41.71	47.58	43.07	68.20	-25.13	peak
4	4443.453	6.71	33.50	42.51	47.04	44.74	68.20	-23.46	peak
5	11650.000	11.82	37.84	38.75	37.59	48.50	74.00	-25.50	peak
6	17475.000	14.02	42.89	40.52	32.32	48.71	68.20	-19.49	peak



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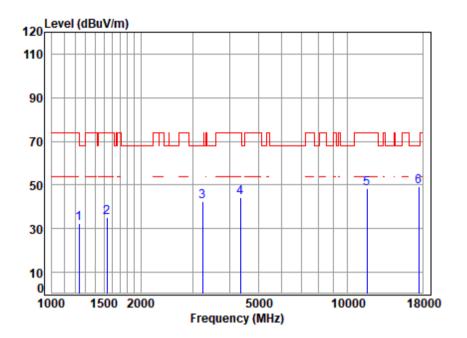
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5825 TX RSE

Note : 5G WIFI 11AC20

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	2.83	24.74	40.31	44.92	32.18	74.00	-41.82	peak
2	1538.281	3.29	25.98	40.53	46.19	34.93	74.00	-39.07	peak
3	3242.619	5.19	31.30	41.46	47.21	42.24	68.20	-25.96	peak
4	4354.454	6.63	33.35	42.44	46.78	44.32	74.00	-29.68	peak
5	11650.000	11.82	37.84	38.75	37.49	48.40	74.00	-25.60	peak
6	17475.000	14.02	42.89	40.52	32.68	49.07	68.20	-19.13	peak



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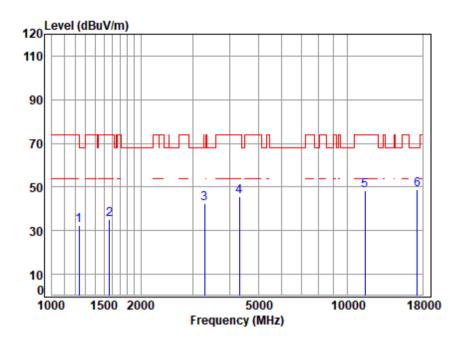
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5755 TX RSE
Note : 5G WIFI 11AC40

eq Loss		Preamp Factor					Pomank
	Factor	Factor	Level	Level	Line	Limit	Romank
						LIMIT	Kelliark
45 dB							
12 40	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
99 <b>2.8</b> 3	24.74	40.31	45.08	32.34	74.00	-41.66	peak
21 3.32	26.12	40.55	46.37	35.26	74.00	-38.74	peak
21 5.25	31.38	41.51	47.37	42.49	68.20	-25.71	peak
59 6.59	33.28	42.41	48.19	45.65	74.00	-28.35	peak
00 11.64	37.90	38.69	37.58	48.43	74.00	-25.57	peak
aa 14 as	42.76	40.52	32.38	48.70	68.20	-19.50	peak
	2.83 21 3.32 21 5.25 59 6.59 30 11.64	2.83 24.74 21 3.32 26.12 21 5.25 31.38 59 6.59 33.28 20 11.64 37.90	29 2.83 24.74 40.31 21 3.32 26.12 40.55 21 5.25 31.38 41.51 59 6.59 33.28 42.41 20 11.64 37.90 38.69	29 2.83 24.74 40.31 45.08 21 3.32 26.12 40.55 46.37 21 5.25 31.38 41.51 47.37 59 6.59 33.28 42.41 48.19 20 11.64 37.90 38.69 37.58	29 2.83 24.74 40.31 45.08 32.34 21 3.32 26.12 40.55 46.37 35.26 21 5.25 31.38 41.51 47.37 42.49 59 6.59 33.28 42.41 48.19 45.65 20 11.64 37.90 38.69 37.58 48.43	29 2.83 24.74 40.31 45.08 32.34 74.00 21 3.32 26.12 40.55 46.37 35.26 74.00 21 5.25 31.38 41.51 47.37 42.49 68.20 59 6.59 33.28 42.41 48.19 45.65 74.00 20 11.64 37.90 38.69 37.58 48.43 74.00	dB dB/m dB dBuV dBuV/m dBuV/m dB 29 2.83 24.74 40.31 45.08 32.34 74.00 -41.66 21 3.32 26.12 40.55 46.37 35.26 74.00 -38.74 21 5.25 31.38 41.51 47.37 42.49 68.20 -25.71 25 6.59 33.28 42.41 48.19 45.65 74.00 -28.35 26 11.64 37.90 38.69 37.58 48.43 74.00 -25.57 27 28 28 28 28 28 28 28 28 28 28 28 28 28



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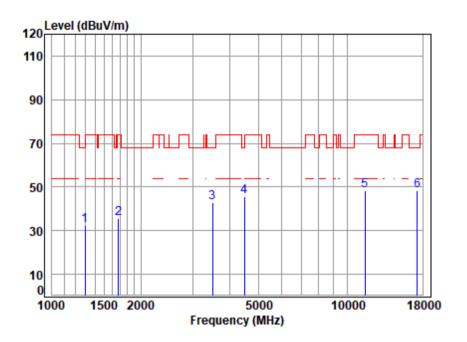
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5755 TX RSE

Note : 5G WIFI 11AC40

				Preamp						
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1293.359	2.93	25.00	40.36	44.69	32.26	68.20	-35.94	peak	
2	1677.621	3.41	26.58	40.62	46.11	35.48	74.00	-38.52	peak	
3	3495.691	5.51	31.69	41.71	47.21	42.70	68.20	-25.50	peak	
4	4495.125	6.76	33.59	42.55	47.63	45.43	68.20	-22.77	peak	
5	11510.000	11.64	37.90	38.69	37.60	48.45	74.00	-25.55	peak	
6	17265.000	14.08	42.76	40.52	32.00	48.32	68.20	-19.88	peak	



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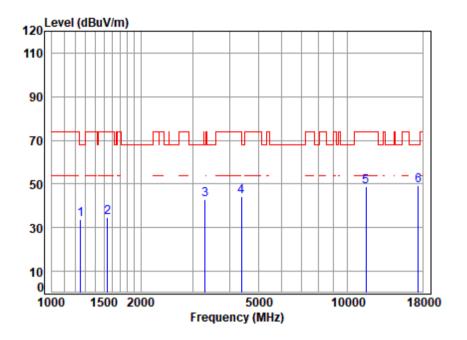
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5795 TX RSE
Note : 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	4240 260	2 05	24.04	40.33	46.26	22.60	60.00	34.60	
1	1249.269	2.85	24.81	40.32	46.26	33.60	68.20	-34.60	реак
2	1542.733	3.30	26.00	40.53	46.01	34.78	74.00	-39.22	peak
3	3299.344	5.27	31.39	41.52	47.54	42.68	68.20	-25.52	peak
4	4379.699	6.65	33.39	42.46	46.77	44.35	74.00	-29.65	peak
5	11590.000	11.74	37.86	38.73	37.95	48.82	74.00	-25.18	peak
6	17385.000	14.05	42.83	40.52	33.14	49.50	68.20	-18.70	peak



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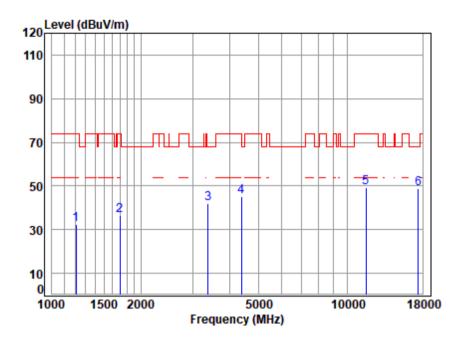
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL

Note

1 2

3

4

5

Job No : 08852CR&08853CR Mode : 5795 TX RSE

: 5G WIFI 11AC40

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 1206.682 2.78 24.62 40.29 45.39 32.50 74.00 -41.50 peak 1697.129 3.43 26.66 40.63 47.00 36.46 74.00 -37.54 peak 3386.297 5.38 31.53 41.60 46.63 41.94 68.20 -26.26 peak 4379.699 33.39 42.46 47.77 45.35 74.00 -28.65 peak 6.65 11590.000 11.74 37.86 38.73 38.47 49.34 74.00 -24.66 peak

14.05 42.83 40.52 32.46 48.82 68.20 -19.38 peak



17385.000

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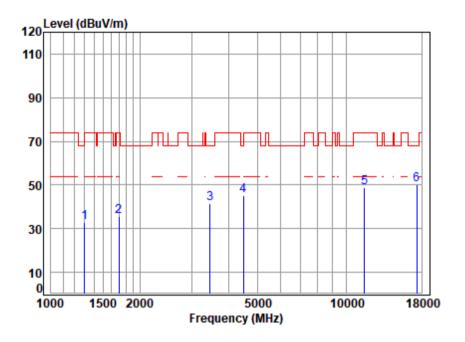
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Report No.: SZEM200900885203

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5775 TX RSE
Note : 5G WIFI 11AC80

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1300.858	2.94	25.03	40.36	45.37	32.98	74.00	-41.02	peak	
2	1697.129	3.43	26.66	40.63	45.99	35.45	74.00	-38.55	peak	
3	3465.510	5.48	31.65	41.68	46.10	41.55	68.20	-26.65	peak	
4	4495.125	6.76	33.59	42.55	47.15	44.95	68.20	-23.25	peak	
5	11550.000	11.69	37.88	38.71	37.88	48.74	74.00	-25.26	peak	
6	17325.000	14.07	42.80	40.52	33.65	50.00	68.20	-18.20	peak	



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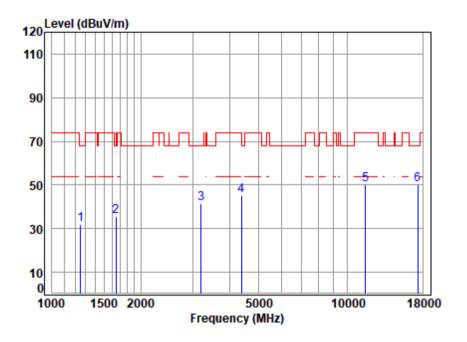
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR

Mode : 5775 TX RSE Note : 5G WIFI 11AC80

	Freq			Preamp Factor		Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB	
1	1249.269	2.85	24.81	40.32	44.79	32.13	68.20	-36.07	peak
2	1648.778	3.39	26.46	40.60	46.36	35.61	68.20	-32.59	peak
3	3205.345	5.14	31.24	41.42	46.60	41.56	68.20	-26.64	peak
4	4379.699	6.65	33.39	42.46	47.55	45.13	74.00	-28.87	peak
5	11550.000	11.69	37.88	38.71	39.46	50.32	74.00	-23.68	peak
6	17325.000	14.07	42.80	40.52	34.04	50.39	68.20	-17.81	peak



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#### 7.2 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart E 15.407

Test Method: KDB 789033 D02 II G

Measurement Distance: 3m

Limit:						
For transmitters operating in the 5.15-5.25 GHz band:	All emissions outside of the 5.15-5.35 G of -27 dBm/MHz (68.2dBuV/m).	Hz band shall not exceed an e.i.r.p.				
For transmitters operating in the 5.25-5.35 GHz band:	All emissions outside of the 5.15-5.35 G of -27 dBm/MHz (68.2dBuV/m).	Hz band shall not exceed an e.i.r.p.				
For transmitters operating in the 5.47-5.725 GHz band:	All emissions outside of the 5.47-5.725 (e.i.r.p. of -27 dBm/MHz (68.2dBuV/m).	GHz band shall not exceed an				
For transmitters operating in the 5.725-5.85 GHz band:	(i) All emissions shall be limited to a level of −27 dBm/MHz (68.2dBuV/m) 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz (105.2dBuV/m) 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 (110.8dBuV/m) 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 (122.2dBuV/m) at the band edge.					
Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)				
0.009-0.490	2400/F(kHz)	300				
0.490-1.705	24000/F(kHz)	30				
1.705-30.0	30	30				
30-88	100	3				
88-216	150	3				
216-960	200	3				
Above 960	500	3				

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



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#### 7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C Humidity: 56.3 % RH Atmospheric Pressure: 1010 mbar

#### 7.2.2 Test Mode Description

1.2.2 Test IV	7.2.2 Test Mode Description								
Pre-scan / Final test	Mode Code	Description							
Final test	02	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.							
Final test	03	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.							
Final test	04	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.							
Final test	05	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.							



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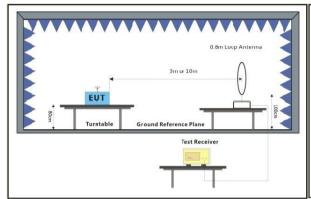
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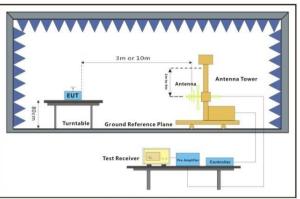


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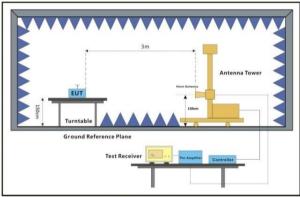
#### 7.2.3 Test Setup Diagram





Below 30MHz

30MHz-1GHz



Above 1GHz



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#### 7.2.4 Measurement Procedure and Data

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

#### Remark:

- 1) For emission below 1GHz, through pre-scan found the worst case is the lowest channel. Only the worst case is recorded in the report.
- 2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor

- 3) Scan from 9kHz to 25GHz, 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) 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.



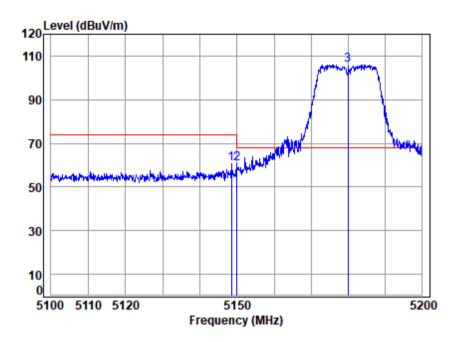
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5180 Band edge

: 5G WIFI 11A

		****								
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5148.458	7.57	34.32	42.79	61.38	60.48	74.00	-13.52	peak	
	5149.980								•	
	5180.000								•	



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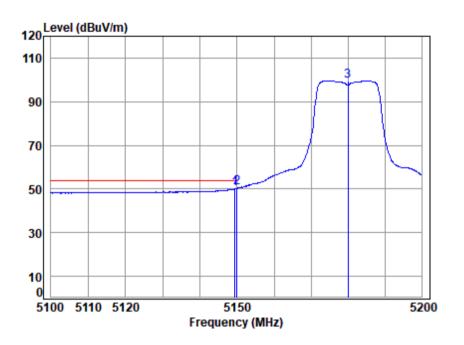
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5180 Band edge

: 5G WIFI 11A

	Freq						Limit Line		Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.458	7.57	34.32	42.79	51.20	50.30	54.00	-3.70	Average
2	5149.980	7.57	34.32	42.79	51.35	50.45	54.00	-3.55	Average
3	5180.000	7.63	34.35	42.77	100.30	99.51			Average



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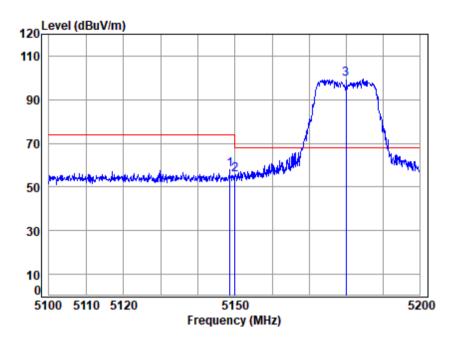
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Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5180 Band edge

: 5G WIFI 11A

	. 50	AATI T	1177							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5148.558	7.57	34.32	42.79	58.67	57.77	74.00	-16.23	peak	
2	5149.980	7.57	34.32	42.79	56.71	55.81	74.00	-18.19	peak	
3	* 5180.000	7.63	34.35	42.77	100.23	99.44	68.20	31.24	peak	



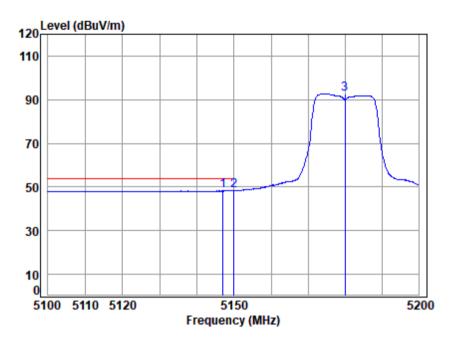
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Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5180 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5146.958	7.57	34.32	42.80	49.25	48.34	54.00	-5.66	Average	
2	5149.980	7.57	34.32	42.79	49.30	48.40	54.00	-5.60	Average	
	5180.000								_	



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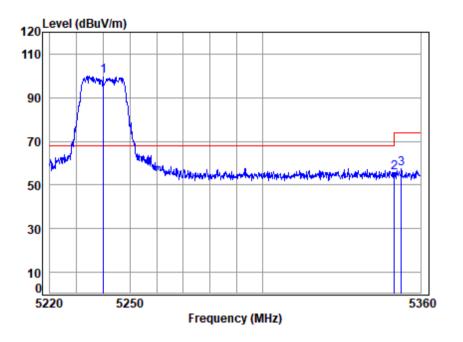
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5240 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver		
	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	100.34	99.74	68.20	31.54	peak	
2	5350.020	7.92	34.48	42.66	56.12	55.86	74.00	-18.14	peak	
3	5352,628	7.93	34.49	42.65	57.62	57.39	74.00	-16.61	peak	



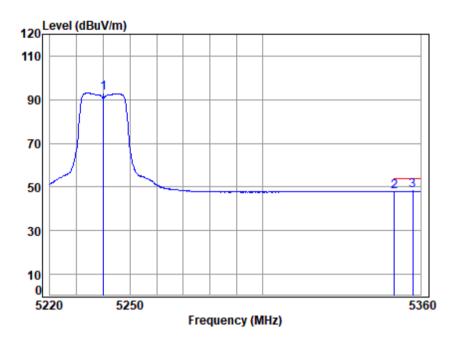
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5240 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	7.73	34.40	42.73	93.54	92.94			Average
2	5350.020	7.92	34.48	42.66	48.24	47.98	54.00	-6.02	Average
3	5357.022	7.94	34.49	42.65	48.44	48.22	54.00	-5.78	Average



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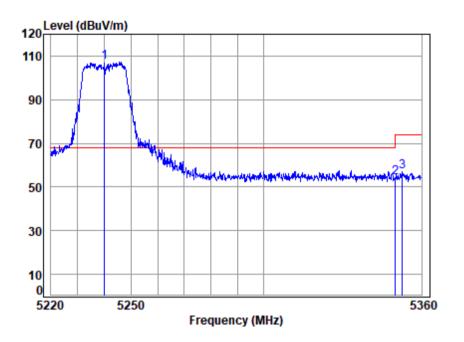
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Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5240 Band edge

: 5G WIFI 11A

		Freq				Read Level				Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	*	5240.000	7.73	34.40	42.73	107.85	107.25	68.20	39.05	peak
2		5350.020	7.92	34.48	42.66	54.65	54.39	74.00	-19.61	peak
3		5352.628	7.93	34.49	42.65	57.44	57.21	74.00	-16.79	peak



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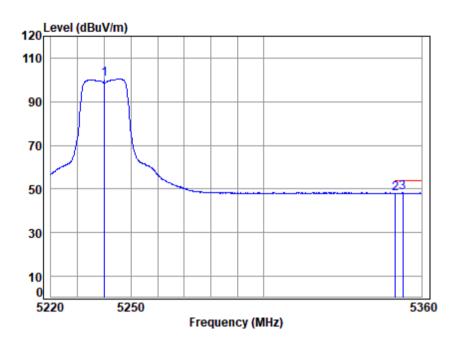
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Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5240 Band edge

: 5G WIFI 11A

	Freq						Limit Line		Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	7.73	34.40	42.73	100.99	100.39			Average
2	5350.020	7.92	34.48	42.66	48.31	48.05	54.00	-5.95	Average
3	5352.770	7.93	34.49	42.65	48.43	48.20	54.00	-5.80	Average



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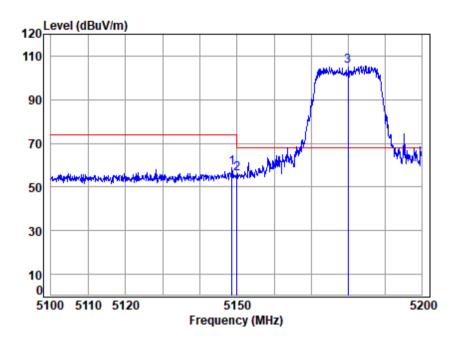
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5180 Band edge

: 5G WIFI 11N20

	. 50	MATI T	111120							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5148.558	7.57	34.32	42.79	59.60	58.70	74.00	-15.30	peak	
2	5149.980	7.57	34.32	42.79	56.85	55.95	74.00	-18.05	peak	
3	* 5180.000	7.63	34.35	42.77	106.20	105.41	68.20	37.21	neak	



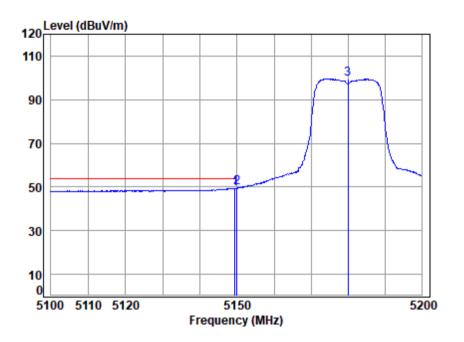
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5180 Band edge

: 5G WIFI 11N20

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5149.357	7.57	34.32	42.79	50.37	49.47	54.00	-4.53	Average	
5149.980	7.57	34.32	42.79	50.46	49.56	54.00	-4.44	Average	
5180.000								_	



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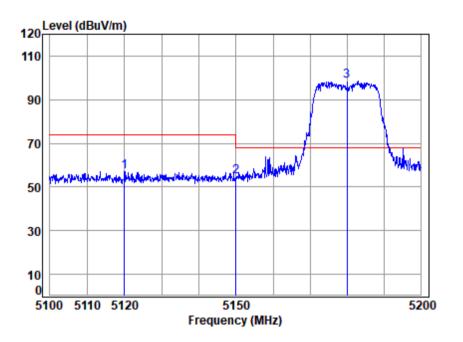
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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5180 Band edge

: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5119.944	7.52	34.30	42.81	58.07	57.08	74.00	-16.92	peak	
2	5149.980	7.57	34.32	42.79	55.81	54.91	74.00	-19.09	peak	
3	* 5180.000	7.63	34.35	42.77	99.54	98.75	68.20	30.55	neak	



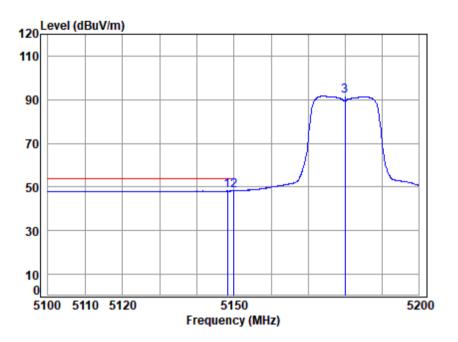
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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR&08853CR Mode : 5180 Band edge

: 5G WIFI 11N20

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5148.158	7.57	34.32	42.79	49.12	48.22	54.00	-5.78	Average	
5149.980	7.57	34.32	42.79	49.15	48.25	54.00	-5.75	Average	
5180.000	7.63	34.35	42.77	92.37	91.58			Average	



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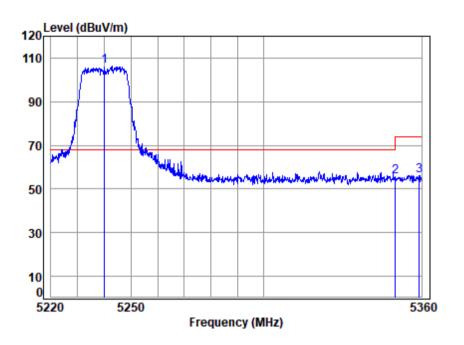
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5240 Band edge

: 5G WIFI 11N20

		Freq		Ant Factor						Remark
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	*	5240.000	7.73	34.40	42.73	107.12	106.52	68.20	38.32	peak
2		5350.020	7.92	34.48	42.66	55.98	55.72	74.00	-18.28	peak
3		5359.149	7.94	34.49	42.65	56.48	56.26	74.00	-17.74	peak



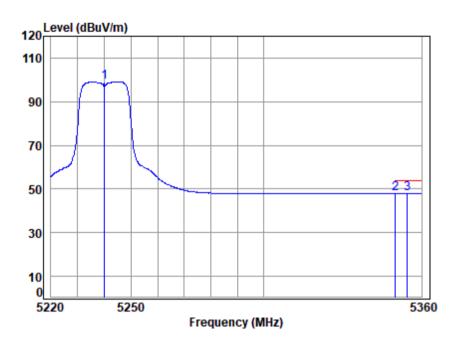
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5240 Band edge

: 5G WIFI 11N20

Freq			Preamp Factor					Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5240.000	7.73	34.40	42.73	99.78	99.18			Average	
5350.020	7.92	34.48	42.66	48.27	48.01	54.00	-5.99	Average	
5354.612	7.93	34.49	42.65	48.36	48.13	54.00	-5.87	Average	



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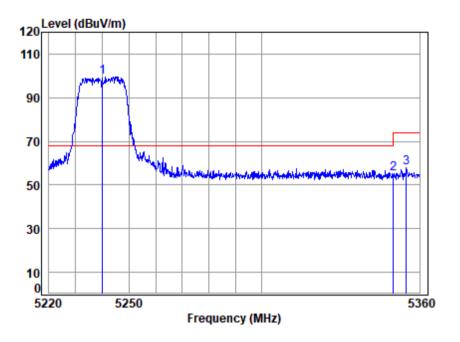
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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5240 Band edge

: 5G WIFI 11N20

	Cable	Ant	Preamp	Read		Limit	0ver		
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	100.02	99.42	68.20	31.22	peak	
2 5350.020	7.92	34.48	42.66	55.55	55.29	74.00	-18.71	peak	
3 5354.896	7.93	34.49	42.65	58.09	57.86	74.00	-16.14	neak	



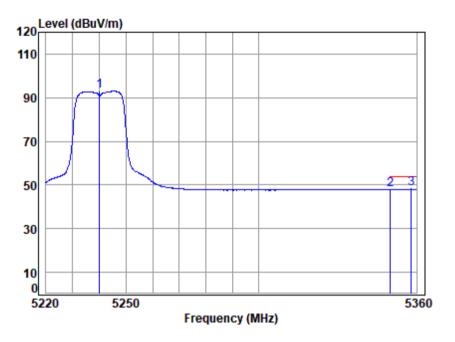
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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5240 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5240.000	7.73	34.40	42.73	93.56	92.96			Average
2	5350.020	7.92	34.48	42.66	48.23	47.97	54.00	-6.03	Average
3	5358.014	7.94	34.49	42.65	48.36	48.14	54.00	-5.86	Average



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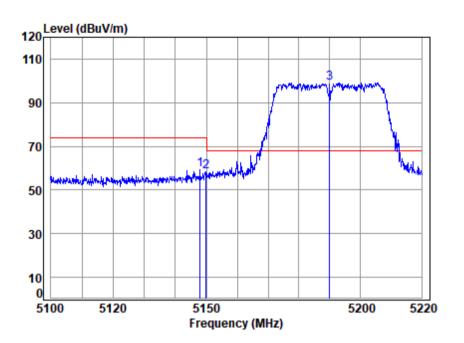
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5190 Band edge

: 5G WIFI 11N40

	Fred			Preamp Factor						
	11 64	LUSS	lactor	i ac coi	Level	LEVEI	LINE	LIMIC	Kelliai K	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
L	5147.905	7.57	34.32	42.79	60.03	59.13	74.00	-14.87	peak	
)	5149.980	7.57	34.32	42.79	59.29	58.39	74.00	-15.61	peak	
Ł	* 5190 000	7 64	3/1 36	12 77	99 95	99 18	68 20	30 98	neak	



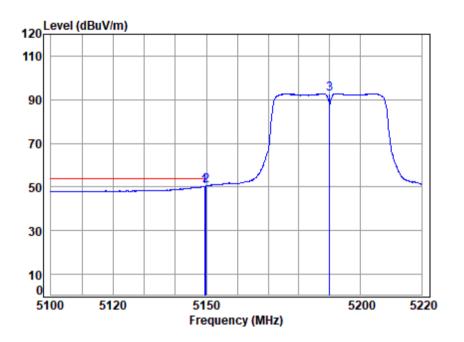
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5190 Band edge

: 5G WIFI 11N40

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5149.461	7.57	34.32	42.79	51.11	50.21	54.00	-3.79	Average	
5149.980	7.57	34.32	42.79	51.59	50.69	54.00	-3.31	Average	
5190.000	7.64	34.36	42.77	93.52	92.75			Average	



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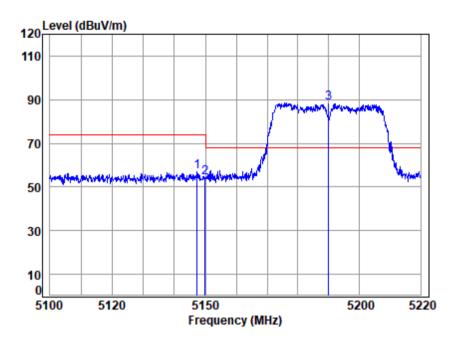
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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5190 Band edge : 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5147.306	7.57	34.32	42.79	57.98	57.08	74.00	-16.92	peak	
2	5149.980	7.57	34.32	42.79	55.22	54.32	74.00	-19.68	peak	
3	* 5190.000	7.64	34.36	42.77	89.40	88.63	68.20	20.43	peak	



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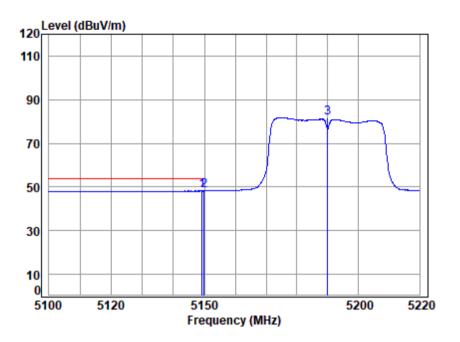
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Report No.: SZEM200900885203

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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR&08853CR Mode : 5190 Band edge

: 5G WIFI 11N40

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5149.222	7.57	34.32	42.79	49.22	48.32	54.00	-5.68	Average	
5149.980	7.57	34.32	42.79	49.19	48.29	54.00	-5.71	Average	
5190.000	7.64	34.36	42.77	82.57	81.80			Average	



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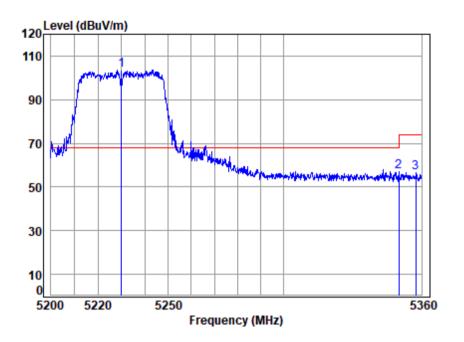
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5230 Band edge

: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	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	104.37	103.74	68.20	35.54	peak
2	5350.020	7.92	34.48	42.66	57.22	56.96	74.00	-17.04	peak
3	5357.564	7.94	34.49	42.65	57.00	56.78	74.00	-17.22	peak



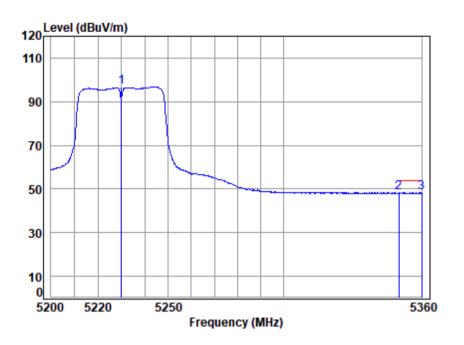
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5230 Band edge

: 5G WIFI 11N40

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.000	7.72	34.39	42.74	97.40	96.77			Average
2	5350.020	7.92	34.48	42.66	48.43	48.17	54.00	-5.83	Average
3	5360.000	7.94	34.49	42.65	48.48	48.26	54.00	-5.74	Average



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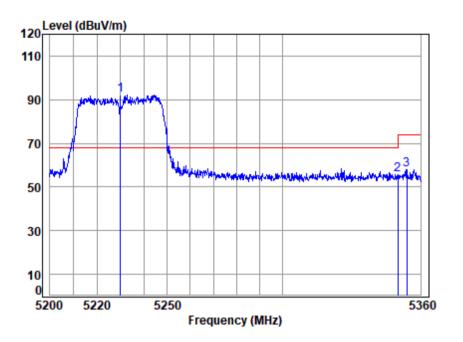
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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5230 Band edge

: 5G WIFI 11N40

	Cable	Ant	Preamp	Read		Limit	0ver	
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	92.78	92.15	68.20	23.95	peak
2 5350.020	7.92	34.48	42.66	56.03	55.77	74.00	-18.23	peak
3 5353.993	7.93	34.49	42.65	58.23	58.00	74.00	-16.00	peak



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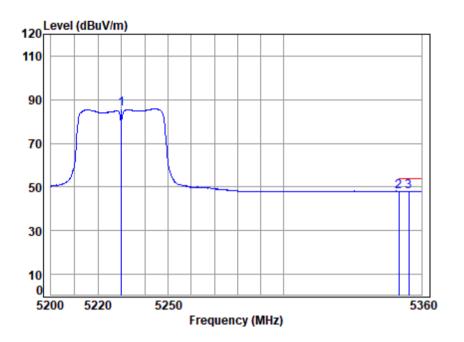
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Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m VERTICAL Job No : 08852CR&08853CR

Mode : 5230 Band edge

: 5G WIFI 11N40

Freq			Preamp Factor					Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
5230.000	7.72	34.39	42.74	86.42	85.79			Average	
5350.020	7.92	34.48	42.66	48.34	48.08	54.00	-5.92	Average	
5354.318	7.93	34.49	42.65	48.35	48.12	54.00	-5.88	Average	



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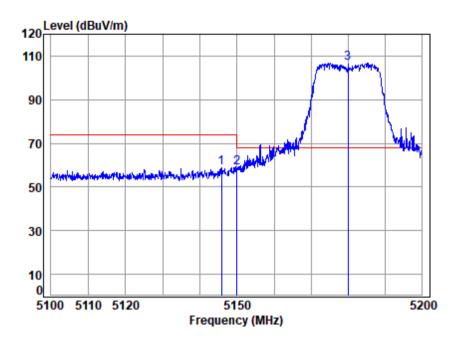
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5180 Band edge

: 5G WIFI 11AC20

			11							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5145.759	7.57	34.32	42.80	59.66	58.75	74.00	-15.25	peak	
2	5149.980	7.57	34.32	42.79	59.88	58.98	74.00	-15.02	peak	
	* 5180.000								•	



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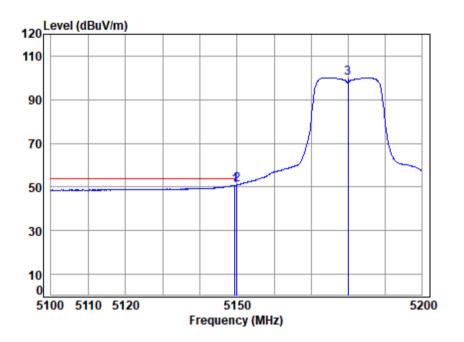
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Report No.: SZEM200900885203

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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5180 Band edge

: 5G WIFI 11AC20

Freq						Limit Line		Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5149.458	7.57	34.32	42.79	51.71	50.81	54.00	-3.19	Average
5149.980	7.57	34.32	42.79	51.85	50.95	54.00	-3.05	Average
5180.000	7.63	34.35	42.77	100.91	100.12			Average



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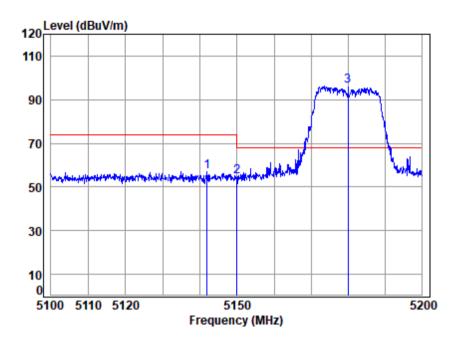
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Report No.: SZEM200900885203

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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1

3 \* 5180.000

Job No : 08852CR&08853CR Mode : 5180 Band edge : 5G WIFI 11AC20

Cable Ant Preamp Read Limit

0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5141.963 7.56 34.32 42.80 58.02 57.10 74.00 -16.90 peak 5149.980 7.57 34.32 42.79 55.86 54.96 74.00 -19.04 peak

7.63 34.35 42.77 97.23 96.44 68.20 28.24 peak



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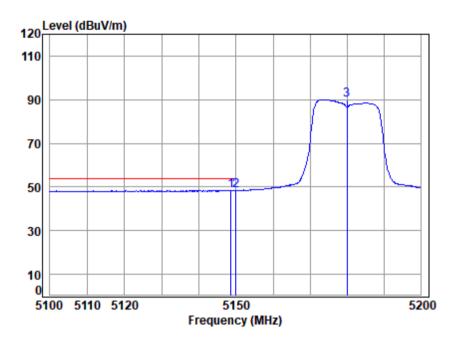
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Report No.: SZEM200900885203

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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR&08853CR Mode : 5180 Band edge

: 5G WIFI 11AC20

Freq			Preamp Factor					Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
5148.657	7.57	34.32	42.79	49.35	48.45	54.00	-5.55	Average	
5149.980	7.57	34.32	42.79	49.30	48.40	54.00	-5.60	Average	
5180.000	7.63	34.35	42.77	90.85	90.06			Average	



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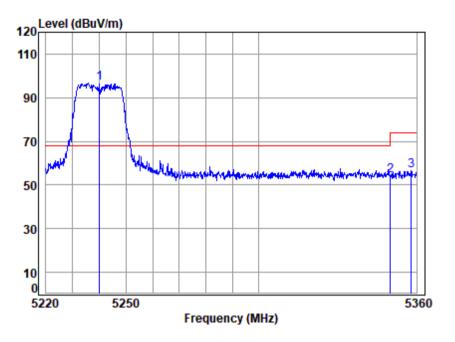
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5240 Band edge

: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	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	97.20	96.60	68.20	28.40	peak
	5350.020								•
	5358.014								•



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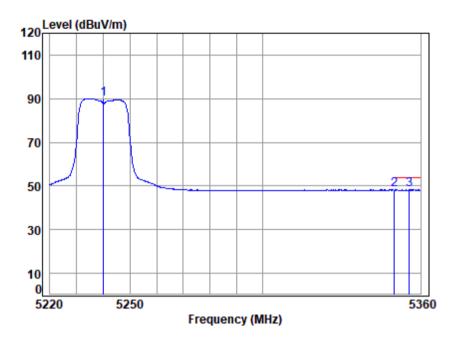
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR&08853CR Mode : 5240 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
L	5240.000	7.73	34.40	42.73	90.65	90.05			Average	
2	5350.020	7.92	34.48	42.66	48.44	48.18	54.00	-5.82	Average	
3	5355.746	7.93	34.49	42.65	48.45	48.22	54.00	-5.78	Average	



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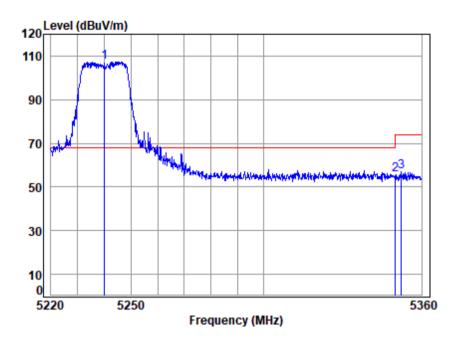
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5240 Band edge

: 5G WIFI 11AC20

	Freq				Read Level				Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	* 5240.000	7.73	34.40	42.73	108.00	107.40	68.20	39.20	peak
2	5350.020	7.92	34.48	42.66	56.04	55.78	74.00	-18.22	peak
3	5352.345	7.93	34.49	42.65	57.36	57.13	74.00	-16.87	peak



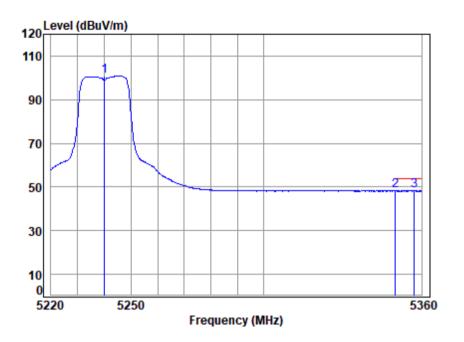
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5240 Band edge

: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver		
	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	101.46	100.86			Average	
2	5350.020	7.92	34.48	42.66	48.48	48.22	54.00	-5.78	Average	
3	5357,164	7.94	34.49	42.65	48.47	48.25	54.00	-5.75	Average	



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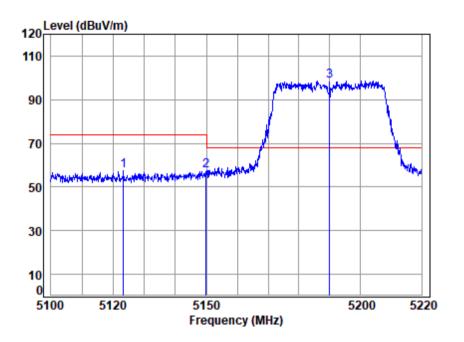
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5190 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB		
	5123.182	7.52	34.30	42.81	58.30	57.31	74.00	-16.69	peak	
	5149.980	7.57	34.32	42.79	58.18	57.28	74.00	-16.72	peak	
*	5190,000	7 64	34 36	42 77	99 38	98 61	68 20	30 41	neak	



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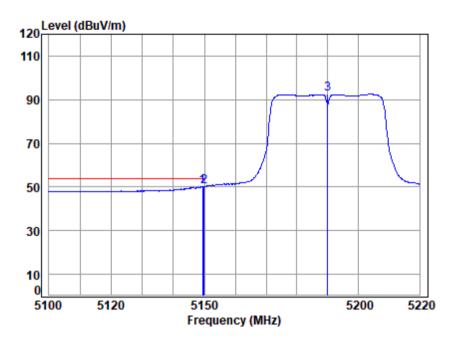
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5190 Band edge

: 5G WIFI 11AC40

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5149.461	7.57	34.32	42.79	51.04	50.14	54.00	-3.86	Average	
5149.980	7.57	34.32	42.79	51.24	50.34	54.00	-3.66	Average	
5190.000	7.64	34.36	42.77	93.25	92.48			Average	



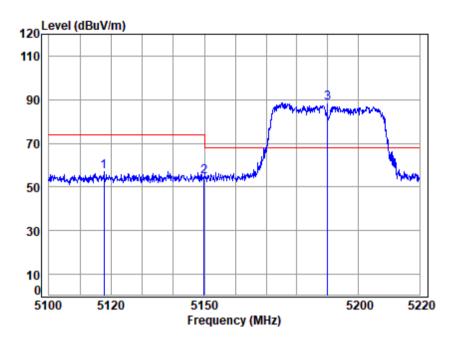
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5190 Band edge

: 5G WIFI 11AC40

			<b>T T T T T T T T T T</b>						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5117.704	7.51	34.30	42.82	58.13	57.12	74.00	-16.88	peak
2	5149.980	7.57	34.32	42.79	55.57	54.67	74.00	-19.33	peak
3 :	* 5190.000	7.64	34.36	42.77	89.30	88.53	68.20	20.33	neak



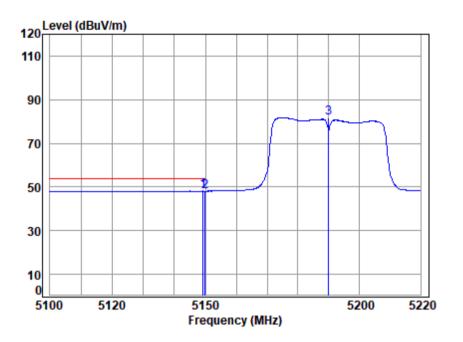
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR&08853CR Mode : 5190 Band edge

: 5G WIFI 11AC40

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5149.342	7.57	34.32	42.79	49.14	48.24	54.00	-5.76	Average	
5149.980	7.57	34.32	42.79	49.02	48.12	54.00	-5.88	Average	
5190.000	7.64	34.36	42.77	82.66	81.89			Average	



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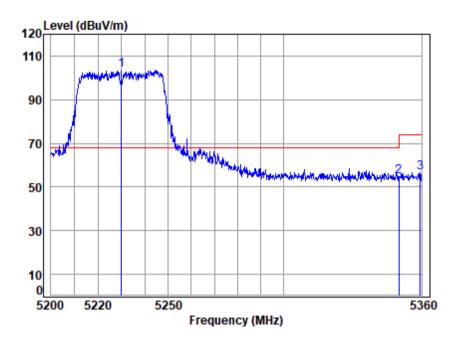
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5230 Band edge

: 5G WIFI 11AC40

_		Ant						
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	——dB		dBuV/m	dBuV/m	dB	
1 * 5230.000	7.72	34.39	42.74	103.99	103.36	68.20	35.16	peak
2 5350.020	7.92	34.48	42.66	54.82	54.56	74.00	-19.44	peak
3 5359 350	7.94	34 49	42.65	56.78	56.56	74 00	-17 44	neak



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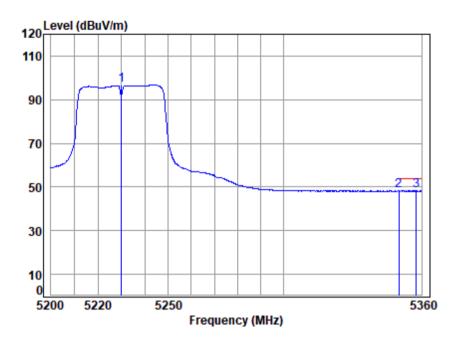
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5230 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5230.000	7.72	34.39	42.74	97.40	96.77			Average
2	5350.020	7.92	34.48	42.66	48.47	48.21	54.00	-5.79	Average
3	5357.727	7.94	34.49	42.65	48.45	48.23	54.00	-5.77	Average



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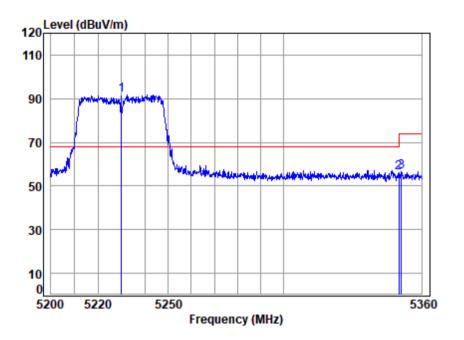
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5230 Band edge

: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	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	92.15	91.52	68.20	23.32	peak
2	5350.020	7.92	34.48	42.66	56.34	56.08	74.00	-17.92	peak
3	5351.235	7.93	34.48	42.65	56.87	56.63	74.00	-17.37	peak



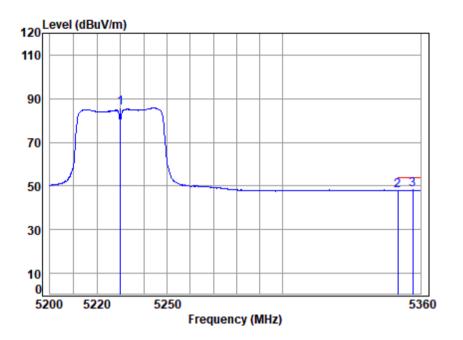
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

1 2

3

Job No : 08852CR&08853CR Mode : 5230 Band edge : 5G WIFI 11AC40

> Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5230.000 7.72 34.39 42.74 86.33 85.70 ----- Average 5350.020 7.92 34.48 42.66 48.28 48.02 54.00 -5.98 Average 7.94 34.49 42.65 48.38 48.16 54.00 -5.84 Average



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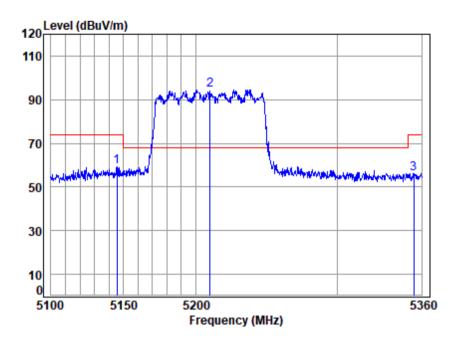
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5210 Band edge

: 5G WIFI 11AC80

			11/1000						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.339	7.56	34.32	42.80	60.07	59.15	74.00	-14.85	peak
2	* 5210.000	7.68	34.37	42.75	95.33	94.63	68.20	26.43	peak
3	5354,406	7.93	34.49	42.65	56.52	56.29	74.00	-17.71	neak



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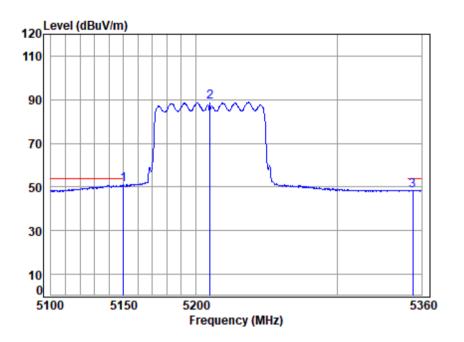
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

1 2 3

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5210 Band edge

: 5G WIFI 11AC80

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5149.690	7.57	34.32	42.79	51.87	50.97	54.00	-3.03	Average	
5210.000	7.68	34.37	42.75	89.47	88.77			Average	
5353,607	7.93	34.49	42.65	48 77	48 54	54.00	-5.46	Average	



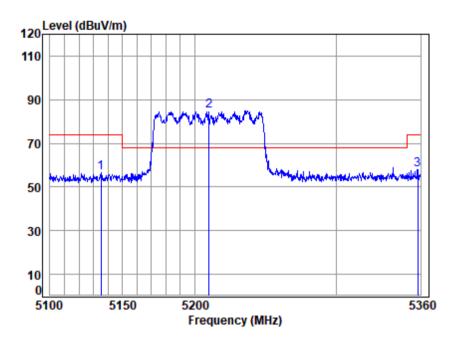
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

1

Job No : 08852CR&08853CR Mode : 5210 Band edge : 5G WIFI 11AC80

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5135.116 7.55 34.31 42.80 57.41 56.47 74.00 -17.53 peak 68.20 16.84 peak 2 \* 5210.000 7.68 34.37 42.75 85.74 85.04

7.94 34.49 42.65 58.33 58.11 74.00 -15.89 peak



5357.868

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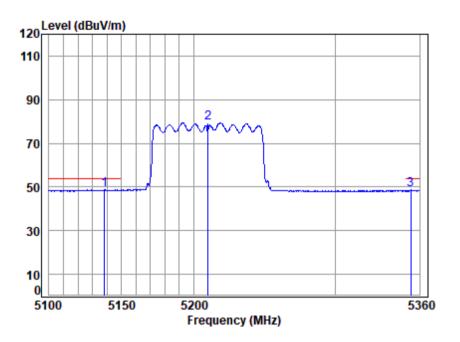
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5210 Band edge

: 5G WIFI 11AC80

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.181	7.55	34.31	42.80	49.70	48.76	54.00	-5.24	Average
2	5210.000	7.68	34.37	42.75	80.30	79.60			Average
3	5353.874	7.93	34.49	42.65	48.86	48.63	54.00	-5.37	Average



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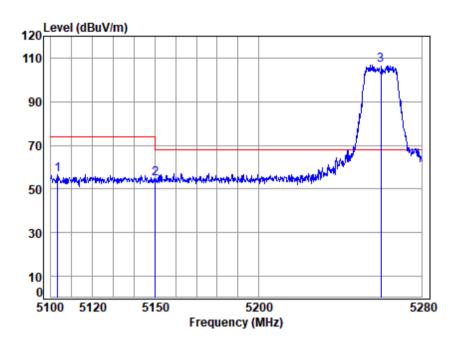
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Report No.: SZEM200900885203

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5260 Band edge

: 5G WIFI 11A

	-									
			Cable	Ant	Preamp	Read		Limit	0ver	
	Fr	req	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	N	ИHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5103.1	185	7.49	34.29	42.83	57.62	56.57	74.00	-17.43	peak
	5149.9									•
	* 5260.6									•



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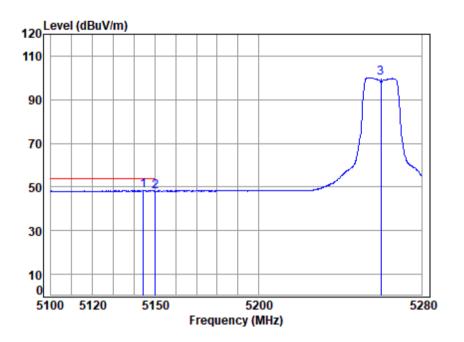
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5260 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5144.238	7.56	34.32	42.80	49.36	48.44	54.00	-5.56	Average	
2	5149.980	7.57	34.32	42.79	49.02	48.12	54.00	-5.88	Average	
3	5260.000	7.77	34.41	42.72	100.55	100.01			Average	



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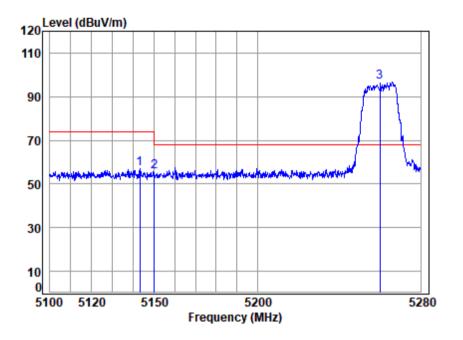
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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR\*08853CR Mode : 5260 Band edge

: 5G WIFI 11A

		. 50	MATI T	117							
			Cable	Ant	Preamp	Read		Limit	0ver		
		Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
		MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1		5143.167	7.56	34.32	42.80	57.91	56.99	74.00	-17.01	peak	
		5149.980								•	
3	*	5260.000	7.77	34.41	42.72	97.20	96.66	68.20	28.46	peak	



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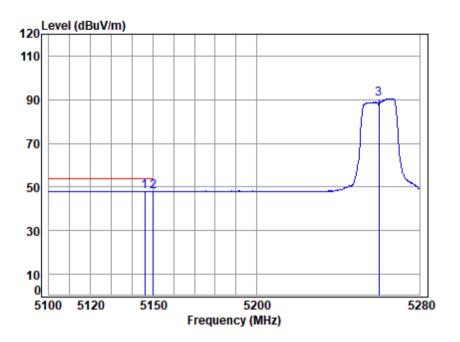
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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR\*08853CR Mode : 5260 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5146.022	7.57	34.32	42.80	48.97	48.06	54.00	-5.94	Average	
2	5149.980	7.57	34.32	42.79	48.87	47.97	54.00	-6.03	Average	
3	5260.000	7.77	34.41	42.72	91.10	90.56			Average	



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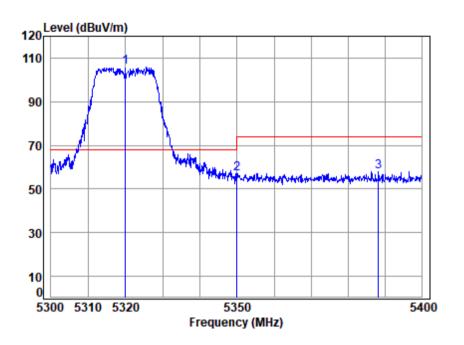
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR\*08853CR
Mode : 5320 Band edge

: 5G WIFI 11A

	Freq		Ant Factor						Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5320.000	7.87	34.46	42.68	106.10	105.75	68.20	37.55	peak
2	5350.020	7.92	34.48	42.66	57.20	56.94	74.00	-17.06	peak
3	5388.304	7.99	34.51	42.63	58.23	58.10	74.00	-15.90	peak



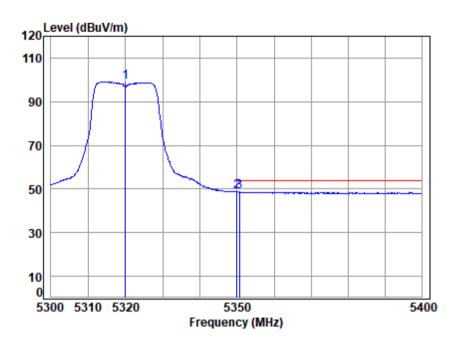
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5320 Band edge

: 5G WIFI 11A

	Freq			Preamp Factor					Remark
-	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	5320.000	7.87	34.46	42.68	99.48	99.13			Average
	5350.020	7.92	34.48	42.66	48.96	48.70	54.00	-5.30	Average
	5350.667	7.93	34.48	42.65	48.87	48.63	54.00	-5.37	Average



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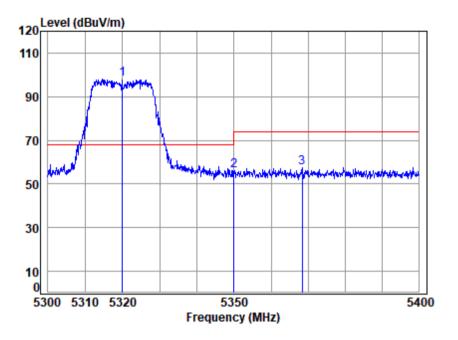
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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR\*08853CR Mode : 5320 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
L	* 5320.000	7.87	34.46	42.68	98.34	97.99	68.20	29.79	peak	
)	5350.020	7.92	34.48	42.66	56.47	56.21	74.00	-17.79	peak	
3	5368, 398	7.96	34.50	42.64	57.80	57.62	74.00	-16.38	neak	



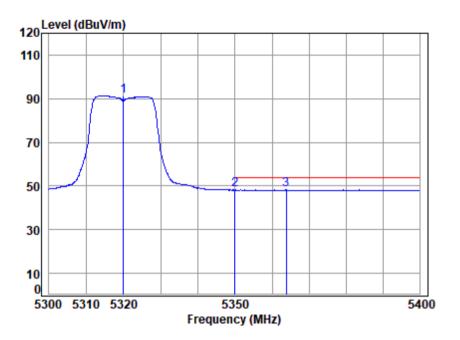
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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR\*08853CR Mode : 5320 Band edge

: 5G WIFI 11A

Freq			Preamp Factor					Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5320.000	7.87	34.46	42.68	91.61	91.26			Average
5350.020	7.92	34.48	42.66	48.43	48.17	54.00	-5.83	Average
5363.785	7.95	34.49	42.65	48.42	48.21	54.00	-5.79	Average



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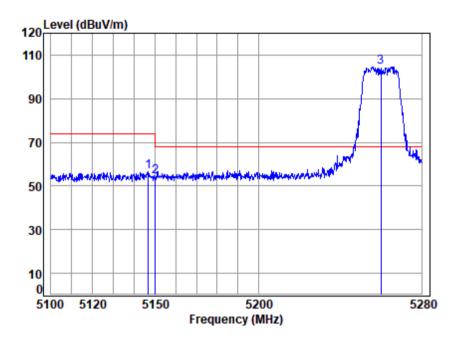
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL
Job No : 08852CR\*08853CR
Mode : 5260 Band edge

: 5G WIFI 11N20

	Enoa						Limit		Pomank	
	Freq	LUSS	ractor	ractor.	rever	rever	Line	LIMIT	Kelliark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		_
L	5146.737	7.57	34.32	42.80	57.33	56.42	74.00	-17.58	peak	
2	5149.980	7.57	34.32	42.79	54.98	54.08	74.00	-19.92	peak	
3	* 5260,000	7 77	34 41	42 72	105 14	104 60	68 20	36 40	neak	



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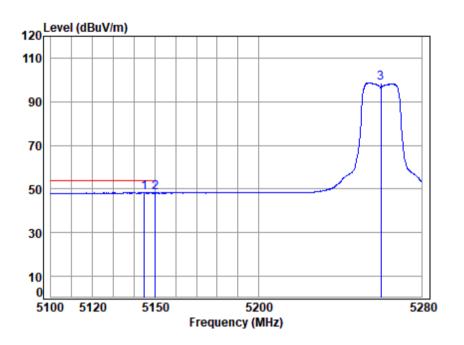
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5260 Band edge

: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
L	5144.773	7.56	34.32	42.80	49.27	48.35	54.00	-5.65	Average	
2	5149.980	7.57	34.32	42.79	49.12	48.22	54.00	-5.78	Average	
3	5260.000	7.77	34.41	42.72	99.09	98.55			Average	



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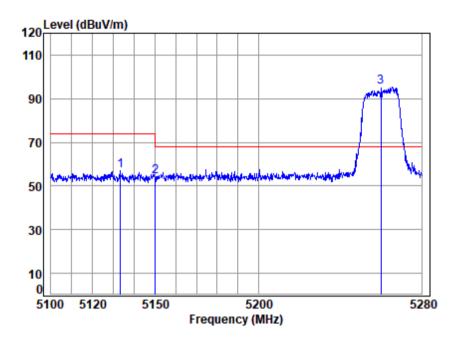
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR\*08853CR 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 5133.187 7.54 34.31 42.80 58.05 57.10 74.00 -16.90 peak 2 5149.980 7.57 34.32 42.79 55.11 54.21 74.00 -19.79 peak 3 \* 5260.000 7.77 34.41 42.72 95.75 95.21 68.20 27.01 peak



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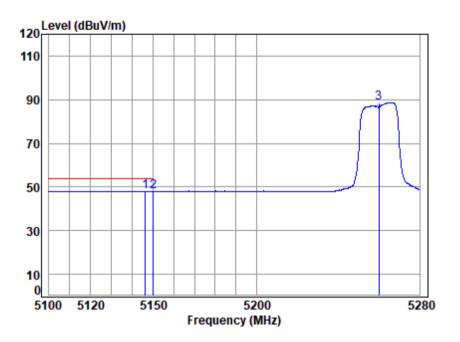
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL

1 2

3

Job No : 08852CR\*08853CR Mode : 5260 Band edge : 5G WIFI 11N20

> Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5146.201 7.57 34.32 42.80 48.99 48.08 54.00 -5.92 Average 5149.980 7.57 34.32 42.79 48.98 48.08 54.00 -5.92 Average 5260.000 7.77 34.41 42.72 89.27 88.73 ----- Average



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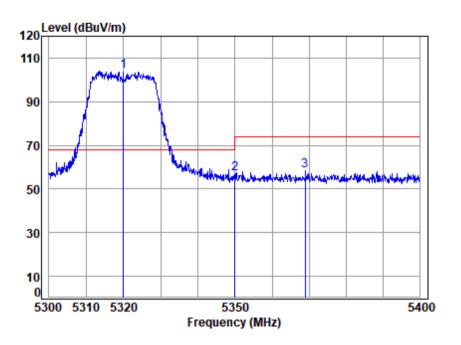
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5320 Band edge

: 5G WIFI 11N20

			11						
		Cable	Ant	Preamp	Read		Limit	0ver	
	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	104.18	103.83	68.20	35.63	peak
2	5350.020	7.92	34.48	42.66	57.45	57.19	74.00	-16.81	peak
3	5369,000	7.96	34.50	42.64	58.68	58.50	74.00	-15.50	neak



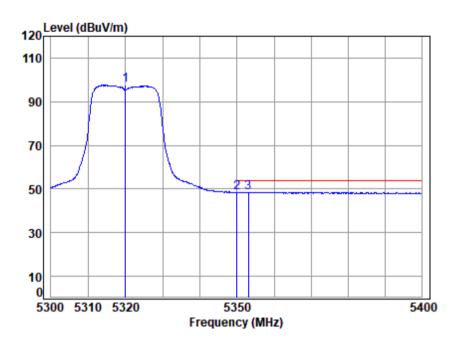
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5320 Band edge

: 5G WIFI 11N20

Freq			Preamp Factor					Remark	
MHz	dB	dB/m	——dB	dBuV	dBuV/m	dBuV/m	dB		-
5320.000	7.87	34.46	42.68	97.86	97.51			Average	
5350.020	7.92	34.48	42.66	48.77	48.51	54.00	-5.49	Average	
5353.067	7.93	34.49	42.65	48.71	48.48	54.00	-5.52	Average	



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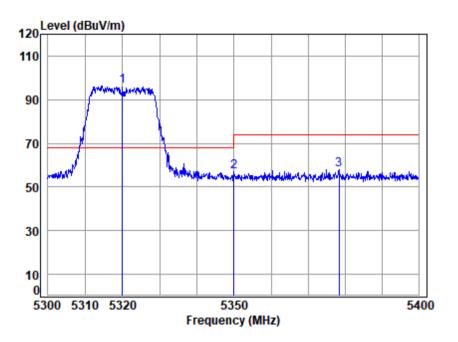
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR\*08853CR Mode : 5320 Band edge

: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	L * 5320.000	7.87	34.46	42.68	96.79	96.44	68.20	28.24	peak
1	5350.020	7.92	34.48	42.66	57.13	56.87	74.00	-17.13	peak
	3 5378.342	7.97	34.51	42.64	58.30	58.14	74.00	-15.86	neak



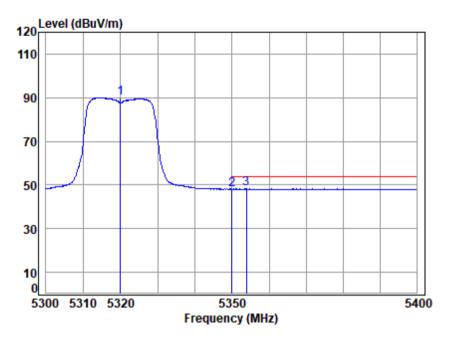
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR\*08853CR Mode : 5320 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	7.87	34.46	42.68	90.27	89.92			Average
2	5350.020	7.92	34.48	42.66	48.37	48.11	54.00	-5.89	Average
3	5353.868	7.93	34.49	42.65	48.45	48.22	54.00	-5.78	Average



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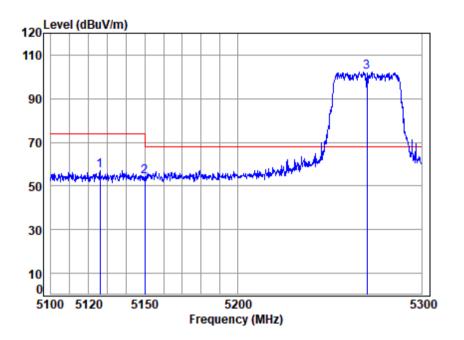
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5270 Band edge

: 5G WIFI 11N40

Freq						Limit Line		Remark	
MHz	dB	dB/m	——dB	dBuV	dBuV/m	dBuV/m	——dB		-
5126.159								-	
5149.980 * 5270.000								•	



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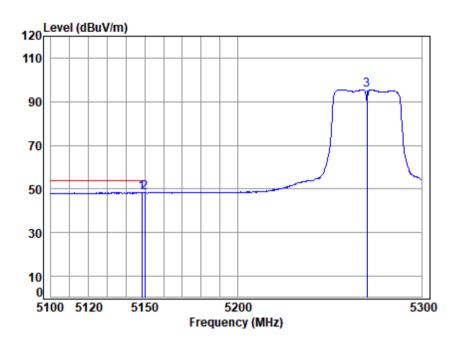
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5270 Band edge

: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5148.489	7.57	34.32	42.79	49.27	48.37	54.00	-5.63	Average	
2	5149.980	7.57	34.32	42.79	49.17	48.27	54.00	-5.73	Average	
3	5270.000	7.79	34.42	42.71	96.06	95.56			Average	



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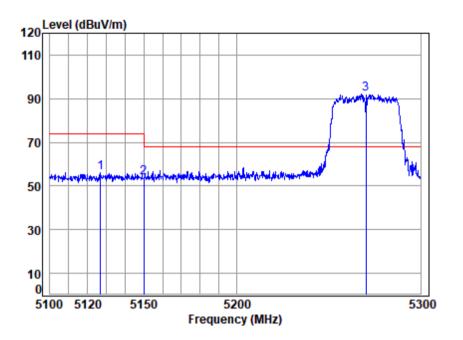
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL

1

3 \* 5270.000

Job No : 08852CR\*08853CR Mode : 5270 Band edge : 5G WIFI 11N40

> Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dB/m dBuV dBuV/m dBuV/m MHz dB dB dB 5126.750 7.53 34.31 42.81 57.27 56.30 74.00 -17.70 peak 5149.980 7.57 34.32 42.79 54.69 53.79 74.00 -20.21 peak

> > 7.79 34.42 42.71 92.69 92.19 68.20 23.99 peak



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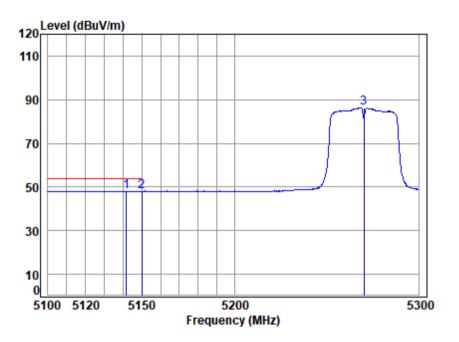
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR\*08853CR Mode : 5270 Band edge

: 5G WIFI 11N40

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5141.760	7.56	34.32	42.80	49.01	48.09	54.00	-5.91	Average	
5149.980	7.57	34.32	42.79	48.92	48.02	54.00	-5.98	Average	
5270.000	7.79	34.42	42.71	86.72	86.22			Average	



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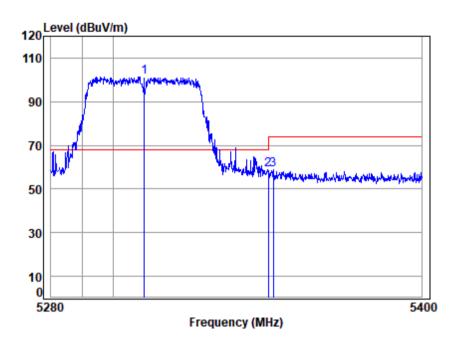
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5310 Band edge

: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver		
	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	101.77	101.40	68.20	33.20	peak	
2	5350.020	7.92	34.48	42.66	59.09	58.83	74.00	-15.17	peak	
	5351,676	7.93	34 49	42.65	58.90	58.67	74.00	-15.33	neak	



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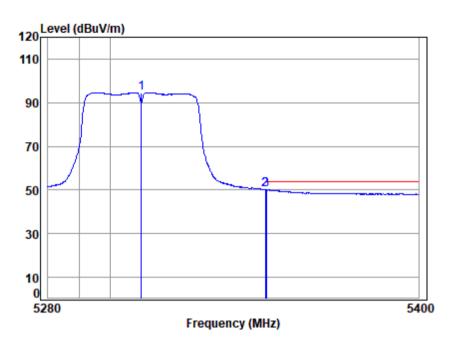
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5310 Band edge

: 5G WIFI 11N40

Freq			Preamp Factor					Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5310.000	7.86	34.45	42.68	95.04	94.67			Average
5350.020	7.92	34.48	42.66	50.40	50.14	54.00	-3.86	Average
5350.474	7.93	34.48	42.65	50.29	50.05	54.00	-3.95	Average



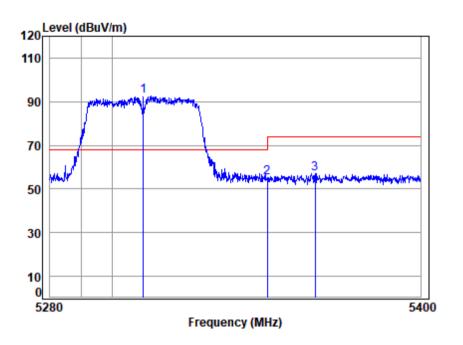
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR\*08853CR Mode : 5310 Band edge

: 5G WIFI 11N40

	. 50	AATI T	TINTO						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
L	* 5310.000	7.86	34.45	42.68	92.89	92.52	68.20	24.32	peak
2	5350.020	7.92	34.48	42.66	55.35	55.09	74.00	-18.91	peak
3	5365.646	7.95	34.50	42.64	57.25	57.06	74.00	-16.94	peak



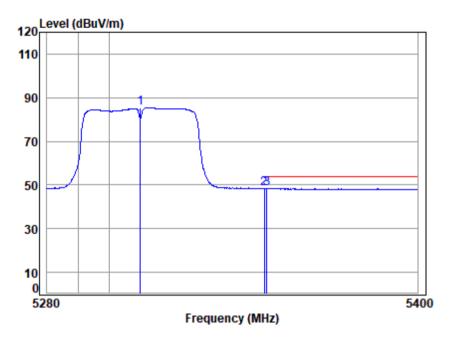
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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR\*08853CR Mode : 5310 Band edge

: 5G WIFI 11N40

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5310.000	7.86	34.45	42.68	85.71	85.34			Average	
5350.020	7.92	34.48	42.66	48.61	48.35	54.00	-5.65	Average	
5350.834	7.93	34.48	42.65	48.58	48.34	54.00	-5.66	Average	



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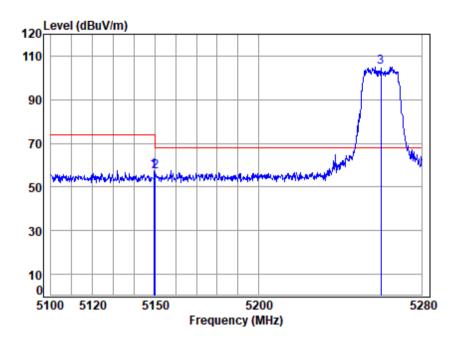
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Report No.: SZEM200900885203

Page: 206 of 284

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5260 Band edge

· 5G WTFT 11ΔC20

	. 50	AATI T	TIACEO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
	5149.415	7.57	34.32	42.79	58.51	57.61	74.00	-16.39	peak	
	5149.980	7.57	34.32	42.79	57.95	57.05	74.00	-16.95	peak	
*	5260.000	7.77	34.41	42.72	105.43	104.89	68.20	36.69	peak	



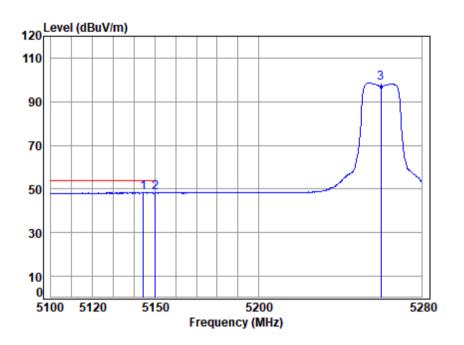
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Page: 207 of 284

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5260 Band edge

: 5G WIFI 11AC20

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5144.417	7.56	34.32	42.80	49.37	48.45	54.00	-5.55	Average	
5149.980	7.57	34.32	42.79	49.11	48.21	54.00	-5.79	Average	
5260.000	7.77	34.41	42.72	99.07	98.53			Average	



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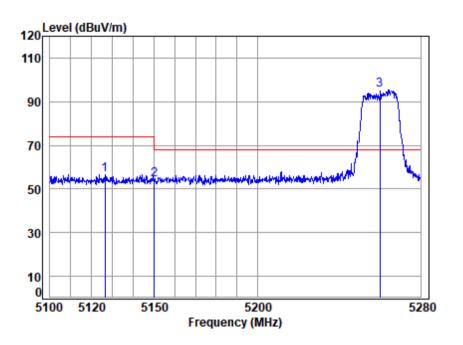
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1

3 \* 5260.000

Job No : 08852CR\*08853CR Mode : 5260 Band edge : 5G WIFI 11AC20

> Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5126.426 7.53 34.30 42.81 57.76 56.78 74.00 -17.22 peak 5149.980 7.57 34.32 42.79 55.13 54.23 74.00 -19.77 peak 7.77 34.41 42.72 95.78 95.24 68.20 27.04 peak



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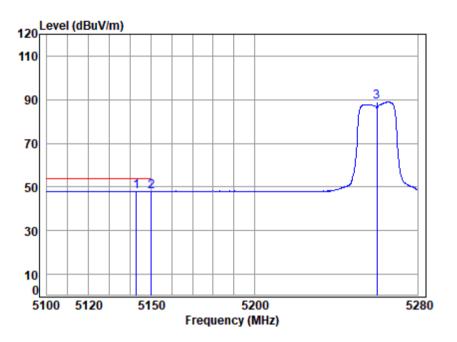
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR\*08853CR Mode : 5260 Band edge

: 5G WIFI 11AC20

Freq			Preamp Factor					Remark	
MHz	dB	dB/m	——dB	dBuV	dBuV/m	dBuV/m	dB		-
5142.989	7.56	34.32	42.80	49.04	48.12	54.00	-5.88	Average	
5149.980	7.57	34.32	42.79	48.96	48.06	54.00	-5.94	Average	
5260.000	7.77	34.41	42.72	89.45	88.91			Average	



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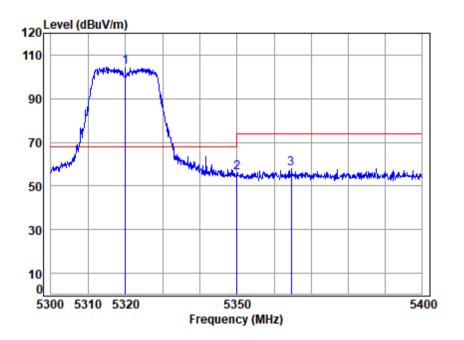
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Report No.: SZEM200900885203

Page: 210 of 284

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR\*08853CR
Mode : 5320 Band edge

: 5G WIFI 11AC20

	Freq					Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	* 5320.000	7.87	34.46	42.68	104.77	104.42	68.20	36.22	peak
2	5350.020	7.92	34.48	42.66	56.25	55.99	74.00	-18.01	peak
3	5364.687	7.95	34.50	42.65	58.00	57.80	74.00	-16.20	peak



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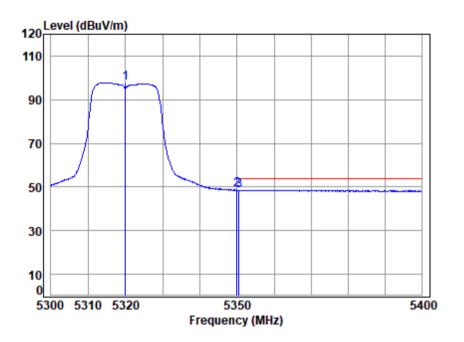
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5320 Band edge

: 5G WIFI 11AC20

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	7.87	34.46	42.68	98.02	97.67			Average
2	5350.020	7.92	34.48	42.66	48.96	48.70	54.00	-5.30	Average
3	5350.566	7.93	34.48	42.65	48.79	48.55	54.00	-5.45	Average



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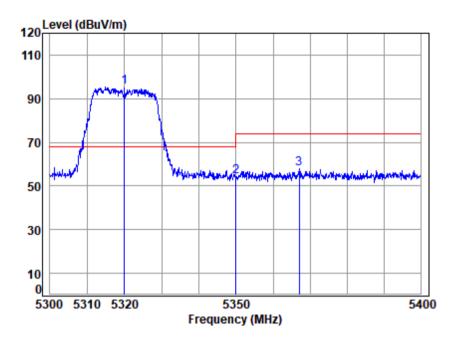
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR\*08853CR Mode : 5320 Band edge

: 5G WIFI 11AC20

		Cable	Ant	Preamp	Read		Limit	0ver	
	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	95.61	95.26	68.20	27.06	peak
	5350.020								•
3	5366.994	7.95	34.50	42.64	58.15	57.96	74.00	-16.04	peak



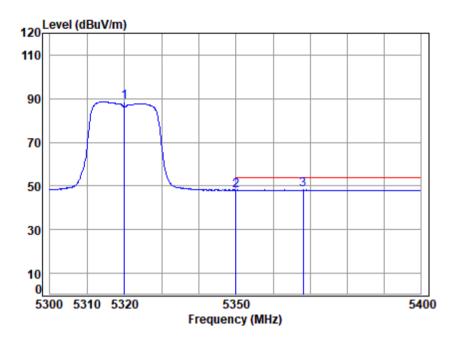
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR\*08853CR Mode : 5320 Band edge

: 5G WIFI 11AC20

Freq			Preamp Factor					Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5320.000	7.87	34.46	42.68	88.85	88.50			Average	
5350.020	7.92	34.48	42.66	48.35	48.09	54.00	-5.91	Average	
5368.098	7.96	34.50	42.64	48.38	48.20	54.00	-5.80	Average	



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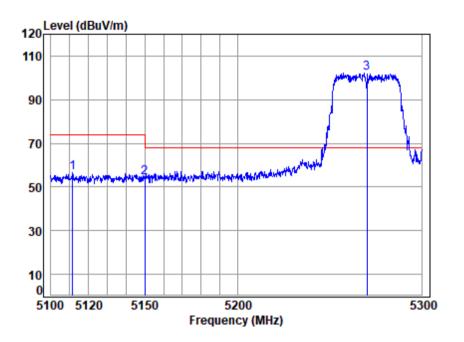
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Report No.: SZEM200900885203

Page: 214 of 284

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

1 2

Condition: 3m HORIZONTAL
Job No : 08852CR\*08853CR
Mode : 5270 Band edge

: 5G WIFI 11AC40

	Enoa						Limit Line		Romank	
	Freq	LUSS	ractor	ractor.	rever	rever	Line	LIMIT	Kelliark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
	5111.588	7.50	34.29	42.82	57.58	56.55	74.00	-17.45	peak	
	5149.980	7.57	34.32	42.79	55.06	54.16	74.00	-19.84	peak	
*	5270.000	7.79	34.42	42.71	102.63	102.13	68.20	33.93	peak	



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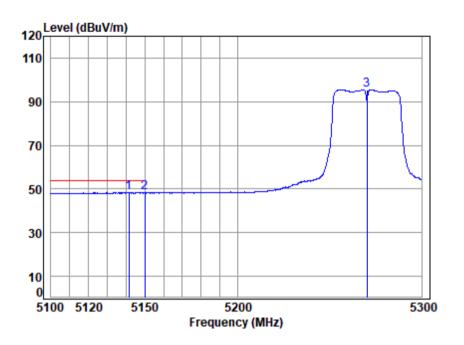
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Report No.: SZEM200900885203

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5270 Band edge

: 5G WIFI 11AC40

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5141.364	7.56	34.32	42.80	49.30	48.38	54.00	-5.62	Average	
5149.980	7.57	34.32	42.79	49.06	48.16	54.00	-5.84	Average	
5270.000	7.79	34.42	42.71	95.94	95.44			Average	



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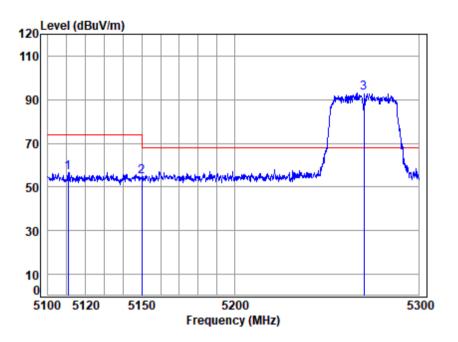
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR\*08853CR Mode : 5270 Band edge

: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5110.604	7.50	34.29	42.82	57.82	56.79	74.00	-17.21	peak	
2	5149.980	7.57	34.32	42.79	55.73	54.83	74.00	-19.17	peak	
3	* 5270.000	7.79	34.42	42 71	93.51	93.01	68.20	24 81	neak	



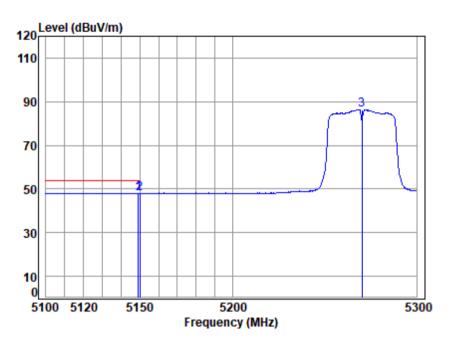
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR\*08853CR Mode : 5270 Band edge

: 5G WIFI 11AC40

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
									_
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5149.281	7.57	34.32	42.79	49.03	48.13	54.00	-5.87	Average	
5149.980	7.57	34.32	42.79	48.91	48.01	54.00	-5.99	Average	
5270.000	7.79	34.42	42.71	86.75	86.25			Average	



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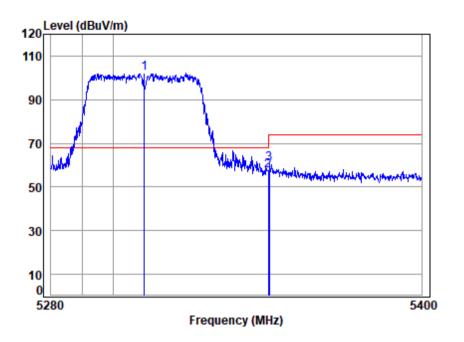
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5310 Band edge

: 5G WIFI 11AC40

	Freq					Level			Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 *	5310.000	7.86	34.45	42.68	102.38	102.01	68.20	33.81	peak
2	5350.020	7.92	34.48	42.66	57.95	57.69	74.00	-16.31	peak
3	5350.474	7.93	34.48	42.65	60.87	60.63	74.00	-13.37	peak



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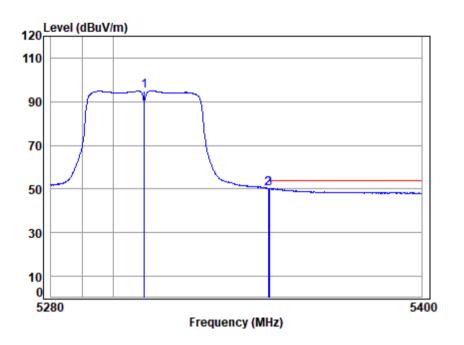
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5310 Band edge

: 5G WIFI 11AC40

Freq			Preamp Factor					Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5310.000	7.86	34.45	42.68	95.22	94.85			Average	
5350.020	7.92	34.48	42.66	50.63	50.37	54.00	-3.63	Average	
5350.474	7.93	34.48	42.65	50.42	50.18	54.00	-3.82	Average	



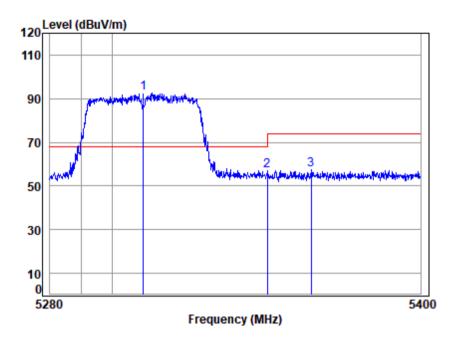
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR\*08853CR Mode : 5310 Band edge

: 5G WIFI 11AC40

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
L	* 5310.000	7.86	34.45	42.68	93.00	92.63	68.20	24.43	peak
)	5350.020	7.92	34.48	42.66	57.43	57.17	74.00	-16.83	peak
3	5364, 319	7.95	34.50	42.65	57.79	57.59	74.00	-16.41	neak



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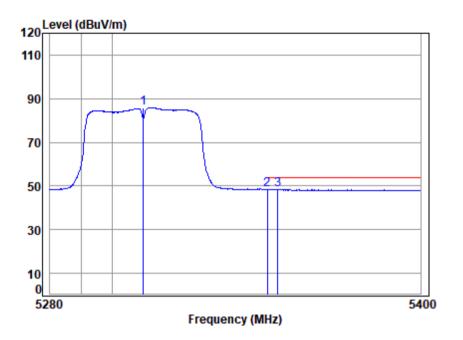
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR\*08853CR Mode : 5310 Band edge

: 5G WIFI 11AC40

Freq			Preamp Factor					Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		-
5310.000	7.86	34.45	42.68	86.14	85.77			Average	
5350.020	7.92	34.48	42.66	48.71	48.45	54.00	-5.55	Average	
5353.480	7.93	34.49	42.65	48.63	48.40	54.00	-5.60	Average	



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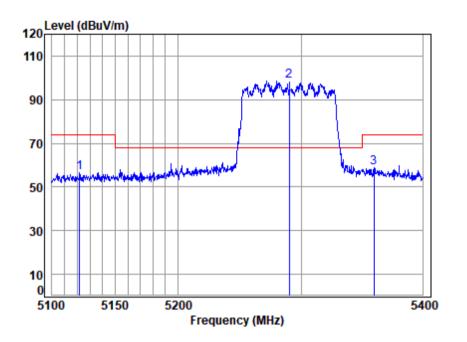
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5290 Band edge

: 5G WIFI 11AC80

			11,,000						
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5121.910	7.52	34.30	42.81	57.70	56.71	74.00	-17.29	peak
2	* 5290.000	7.82	34.44	42.70	99.06	98.62	68.20	30.42	peak
3	5359.717	7.94	34.49	42.65	59.13	58.91	74.00	-15.09	peak



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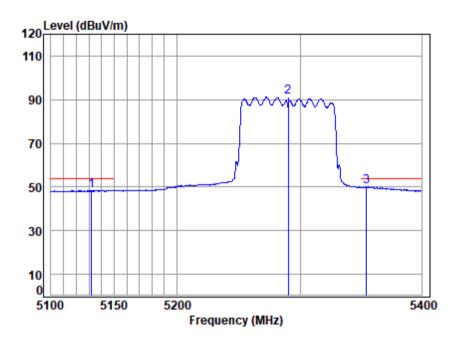
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR\*08853CR Mode : 5290 Band edge

: 5G WIFI 11AC80

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5131.874	7.54	34.31	42.81	49.31	48.35	54.00	-5.65	Average	
5290.000	7.82	34.44	42.70	91.58	91.14			Average	
5354.206	7.93	34.49	42.65	50.24	50.01	54.00	-3.99	Average	



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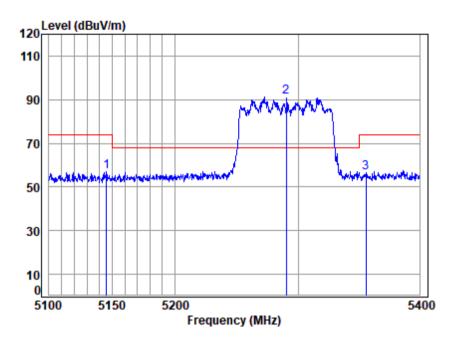
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR\*08853CR Mode : 5290 Band edge

: 5G WIFI 11AC80

	_			Preamp					
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Kemark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
L	5145.679	7.57	34.32	42.80	58.09	57.18	74.00	-16.82	peak
2	* 5290.000	7.82	34.44	42.70	91.76	91.32	68.20	23.12	peak
Ł	5355 736	7 93	34 49	42 65	56 84	56 61	74 00	-17 39	neak



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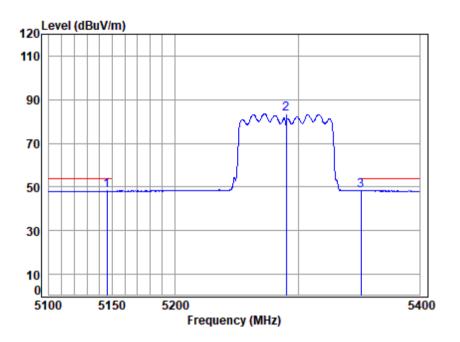
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR\*08853CR Mode : 5290 Band edge

: 5G WIFI 11AC80

	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5145.973	7.57	34.32	42.80	49.15	48.24	54.00	-5.76	Average	
5290.000	7.82	34.44	42.70	84.13	83.69			Average	
5351.452								_	



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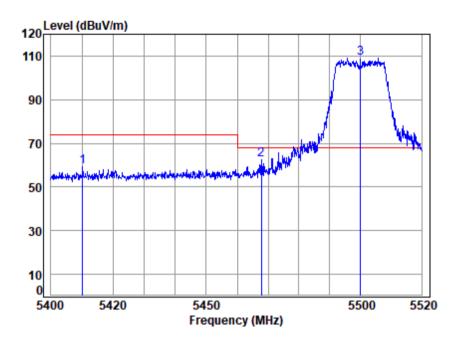
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5500 Band edge

: 5G WIFI 11A

	Freq						Limit Line		Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB		-
	5410.098								•	
*	5467.836 5500 000								•	



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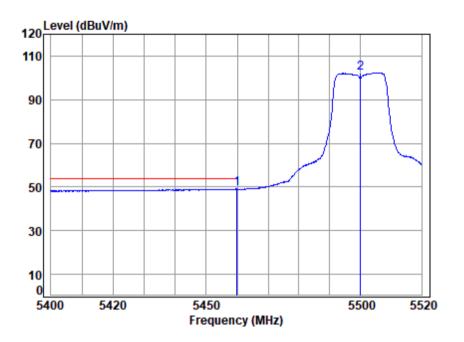
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

1

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5500 Band edge

: 5G WIFI 11A

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5459.910 34.57 42.58 48.95 49.05 54.00 -4.95 Average 8.11 5500.000 8.18 34.60 42.56 102.21 102.43 ----- Average



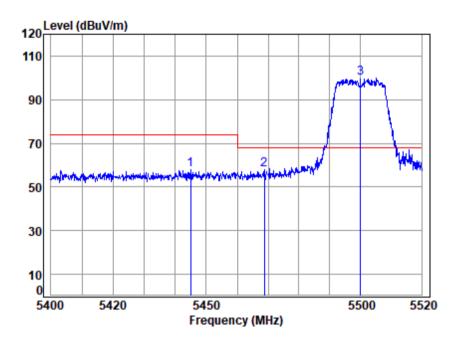
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Report No.: SZEM200900885203

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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5500 Band edge

: 5G WIFI 11A

		AATI T	T T C							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5444.931	8.09	34.56	42.59	57.75	57.81	74.00	-16.19	peak	
2	5468.798	8.13	34.58	42.58	57.64	57.77	68.20	-10.43	peak	
3	* 5500.000	8.18	34.60	42.56	99.55	99.77	68.20	31.57	peak	



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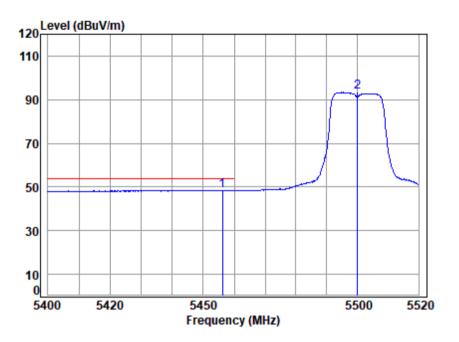
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

1

Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5500 Band edge

: 5G WIFI 11A

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5456.191 34.57 42.58 48.42 48.52 54.00 -5.48 Average 8.11 5500.000 8.18 34.60 42.56 93.11 93.33 ----- Average



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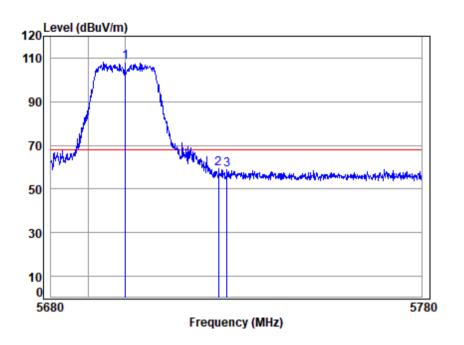
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Report No.: SZEM200900885203

Page: 230 of 284

Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5700 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
L	* 5700.000	8.21	34.81	42.43	107.44	108.03	68.20	39.83	peak
2	5725.000	8.22	34.83	42.41	58.84	59.48	68.20	-8.72	peak
3	5727, 282	8.22	34.83	42.41	58.03	58.67	68.20	-9.53	neak



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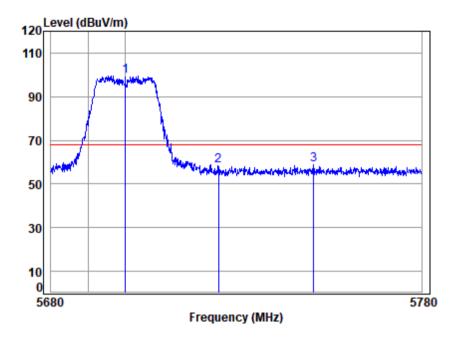
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Report No.: SZEM200900885203

Page: 231 of 284

Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5700 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
L	* 5700.000	8.21	34.81	42.43	98.88	99.47	68.20	31.27	peak
)	5725.000	8.22	34.83	42.41	57.69	58.33	68.20	-9.87	peak
3	5750.720	8.22	34.86	42.39	57.98	58.67	68.20	-9.53	neak



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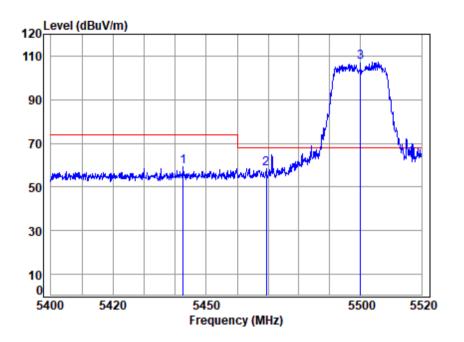
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5500 Band edge

: 5G WIFI 11N20

	. 50	AATIT	TINZO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5442.538	8.08	34.56	42.59	59.10	59.15	74.00	-14.85	peak	
2	5469.399	8.13	34.58	42.58	58.48	58.61	68.20	-9.59	peak	
3 :	* 5500.000	8.18	34.60	42.56	107.20	107,42	68.20	39.22	peak	



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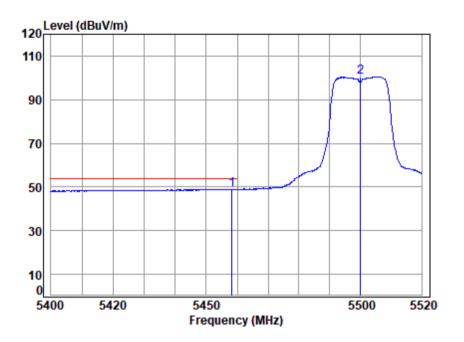
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Page: 233 of 284

Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

1

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5500 Band edge

: 5G WIFI 11N20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5458.351 34.57 42.58 48.89 48.99 54.00 -5.01 Average 8.11 5500.000 8.18 34.60 42.56 100.33 100.55 ----- Average



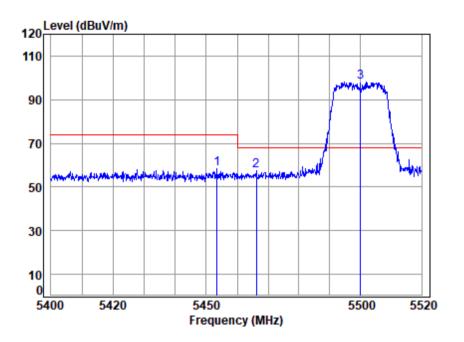
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1

Job No : 08852CR&08853CR Mode : 5500 Band edge

: 5G WIFI 11N20

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5453.434 34.56 42.59 58.47 58.54 74.00 -15.46 peak 8.10 5466.154 8.12 34.57 42.58 57.22 57.33 68.20 -10.87 peak 3 \* 5500.000 8.18 34.60 42.56 97.93 98.15 68.20 29.95 peak



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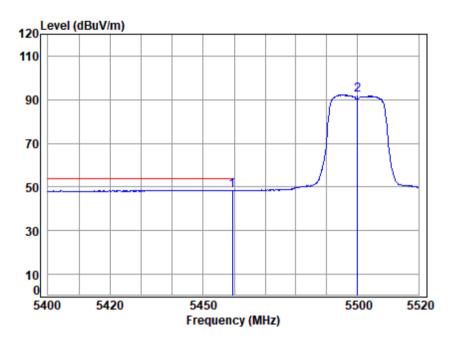
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 08852CR&08853CR 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 5459.430 8.11 34.57 42.58 48.44 48.54 54.00 -5.46 Average 2 5500.000 8.18 34.60 42.56 91.82 92.04 ----- Average



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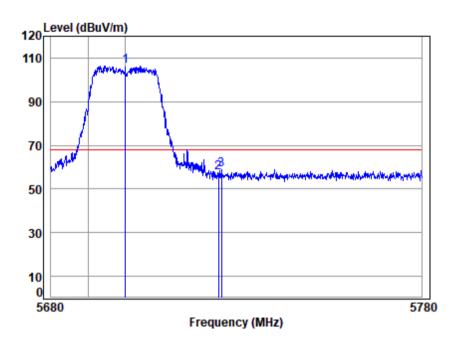
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5700 Band edge

: 5G WIFI 11N20

		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
L	* 5700.000	8.21	34.81	42.43	105.81	106.40	68.20	38.20	peak
2	5725.000	8.22	34.83	42.41	56.95	57.59	68.20	-10.61	peak
Ł	5725 783	8 22	34 83	42 41	58 20	58 84	68 20	-9 36	neak



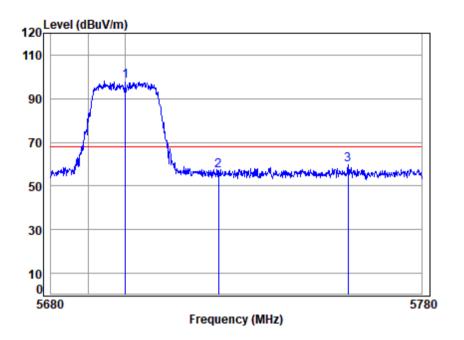
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5700 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	* 5700.000	8.21	34.81	42.43	97.42	98.01	68.20	29.81	peak
2	5725.000	8.22	34.83	42.41	56.40	57.04	68.20	-11.16	peak
3	5760.061	8.22	34.87	42.39	58.89	59.59	68.20	-8.61	peak



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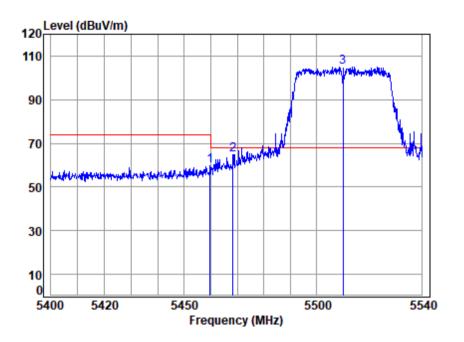
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5510 Band edge

: 5G WIFI 11N40

			11110							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
	5459.622	8.11	34.57	42.58	59.52	59.62	74.00	-14.38	peak	
	5468.292	8.13	34.58	42.58	64.81	64.94	68.20	-3.26	Peak	
*	5510.000	8.18	34.61	42.55	104.81	105.05	68.20	36.85	peak	



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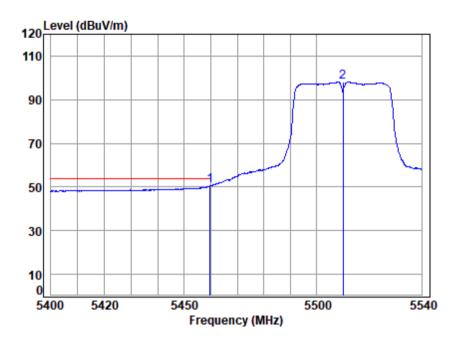
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

1

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5510 Band edge

: 5G WIFI 11N40

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 8.11 34.57 42.58 50.40 50.50 54.00 -3.50 Average 5459.622 8.18 34.61 42.55 97.72 97.96 ----- Average 5510.000



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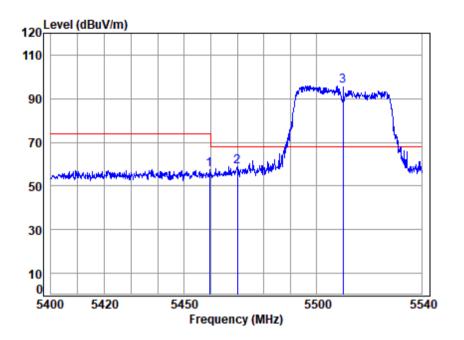
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

1

3 \* 5510.000

Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5510 Band edge : 5G WIFI 11N40

Cable Ant Preamp Read Limit Over

Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5459.481 34.57 42.58 57.22 57.32 74.00 -16.68 peak 8.11 5469.972 8.13 34.58 42.58 58.71 58.84 68.20 -9.36 peak

8.18 34.61 42.55 95.68 95.92 68.20 27.72 peak



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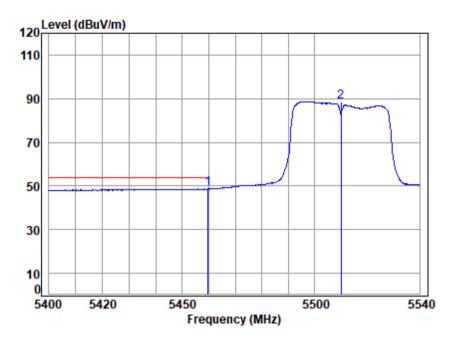
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 08852CR&08853CR 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 5459.761 8.11 34.57 42.58 48.60 48.70 54.00 -5.30 Average 2 5510.000 8.18 34.61 42.55 88.48 88.72 ----- Average



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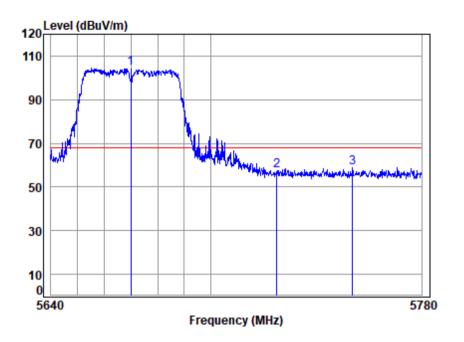
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5670 Band edge

: 5G WIFI 11N40

	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5670.000	8.21	34.77	42.45	103.90	104.43	68.20	36.23	peak
5725.000	8.22	34.83	42.41	56.63	57.27	68.20	-10.93	peak
5753 700	8 22	34 86	42 39	57 96	58 65	68 20	-9 55	neak



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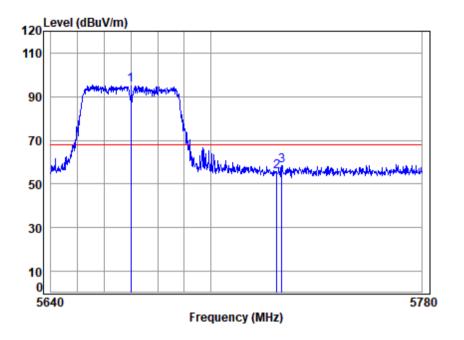
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Report No.: SZEM200900885203

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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

2

3

Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5670 Band edge : 5G WIFI 11N40

Cable Ant Preamp Read Limit 0ver

Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 1 \* 5670.000 8.21 34.77 42.45 94.67 95.20 68.20 27.00 peak 5725.000 8.22 34.83 42.41 55.22 55.86 68.20 -12.34 peak 8.22 34.83 42.41 57.97 58.61 68.20 -9.59 peak 5726.816



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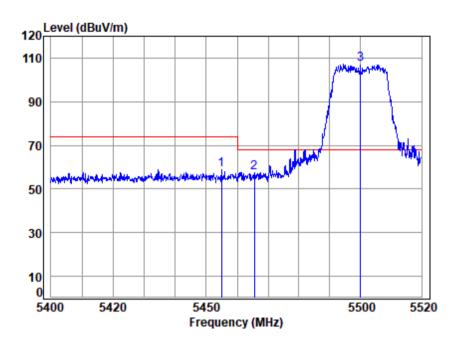
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Report No.: SZEM200900885203

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5500 Band edge

· 5G WTFT 11ΔC20

		MILIT	TIACZ	9						
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
										_
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5454.873	8.10	34.57	42.59	58.78	58.86	74.00	-15.14	peak	
2	5465.553	8.12	34.57	42.58	57.38	57.49	68.20	-10.71	peak	
3	* 5500.000	8.18	34.60	42.56	107.15	107.37	68.20	39.17	peak	



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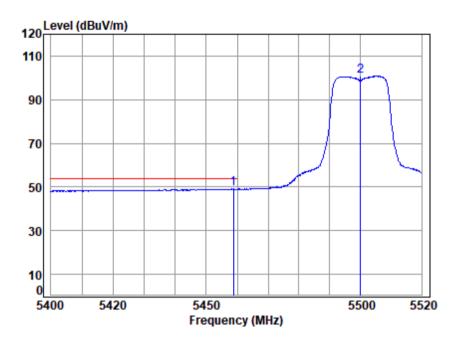
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Report No.: SZEM200900885203

Page: 245 of 284

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

1

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5500 Band edge

: 5G WIFI 11AC20

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5458.710 34.57 42.58 49.01 49.11 54.00 -4.89 Average 8.11 8.18 34.60 42.56 100.55 100.77 ----- Average 5500.000



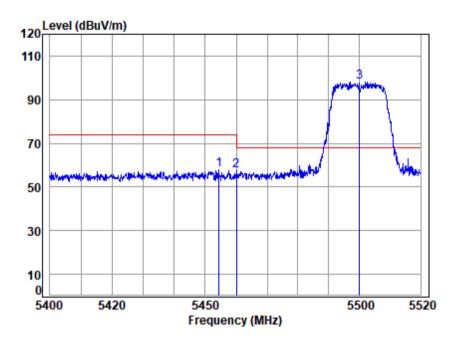
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR&08853CR Mode : 5500 Band edge

: 5G WIFI 11AC20

				_					
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	5454.393	8.10	34.57	42.59	57.88	57.96	74.00	-16.04	peak
	5460.030	8.11	34.57	42.58	57.24	57.34	68.20	-10.86	peak
*	5500.000	8.18	34.60	42.56	97.96	98.18	68.20	29.98	neak



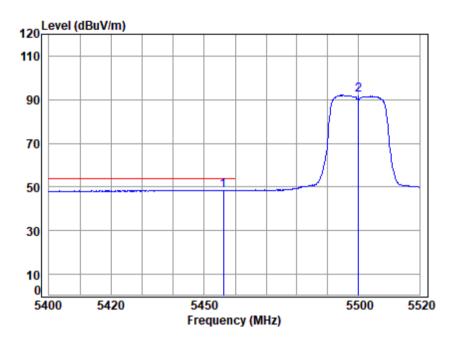
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Page: 247 of 284

Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL

1

Job No : 08852CR&08853CR Mode : 5500 Band edge

: 5G WIFI 11AC20

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5456.191 34.57 42.58 48.46 48.56 54.00 -5.44 Average 8.11 5500.000 8.18 34.60 42.56 91.78 92.00 ----- Average



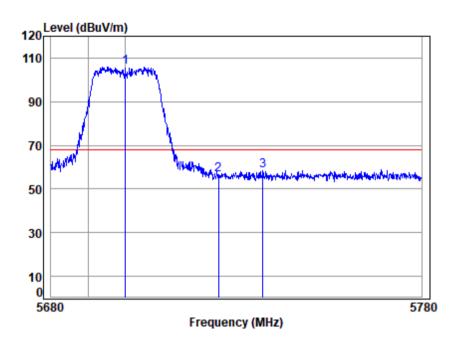
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5700 Band edge

· 5G WTFT 11ΔC20

	. 50	AATI T	TINCE							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
L	* 5700.000	8.21	34.81	42.43	105.19	105.78	68.20	37.58	peak	
2	5725.000	8.22	34.83	42.41	55.91	56.55	68.20	-11.65	peak	
3	5736.986	8.22	34.84	42.40	57.78	58.44	68.20	-9.76	peak	



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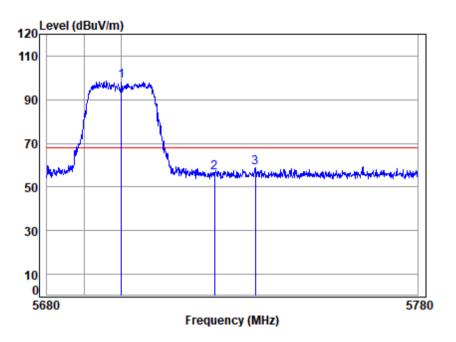
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR&08853CR Mode : 5700 Band edge

: 5G WIFI 11AC20

. 50	AATI T	TINCE	_					
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
* 5700.000	8.21	34.81	42.43	97.99	98.58	68.20	30.38	peak
5725.000	8.22	34.83	42.41	55.96	56.60	68.20	-11.60	peak
5735.985	8.22	34.84	42.40	58.17	58.83	68.20	-9.37	peak



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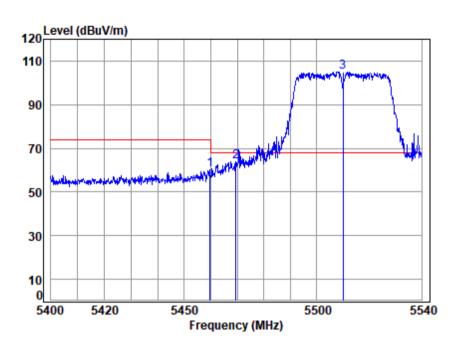
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5510 Band edge

: 5510 band edge : 5G WTFT 11AC40

				_						
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
	5459.622	8.11	34.57	42.58	60.22	60.32	74.00	-13.68	peak	
	5469.552	8.13	34.58	42.58	63.81	63.94	68.20	-4.26	peak	
*	× 5510.000	8.18	34.61	42.55	104.92	105.16	68.20	36.96	neak	



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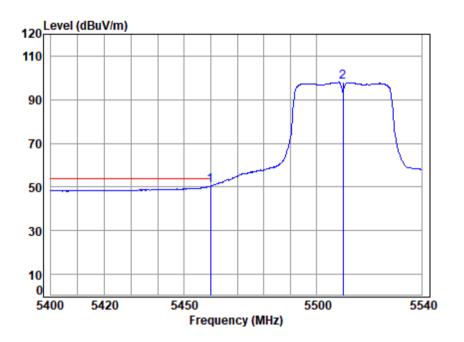
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Report No.: SZEM200900885203

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

1

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5510 Band edge

: 5G WIFI 11AC40

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB 5459.901 34.57 42.58 50.33 50.43 54.00 -3.57 Average 8.11 8.18 34.61 42.55 97.65 97.89 ----- Average 5510.000



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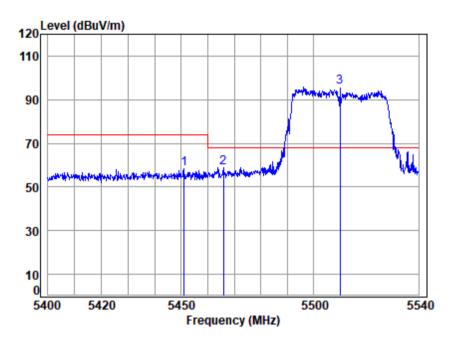
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Page: 252 of 284

Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

1

Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5510 Band edge : 5G WIFI 11AC40

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5451.104 8.10 34.56 42.59 58.15 58.22 74.00 -15.78 peak 5465.914 8.12 34.57 42.58 58.95 59.06 68.20 -9.14 peak 8.18 34.61 42.55 95.44 95.68 68.20 27.48 peak 3 \* 5510.000



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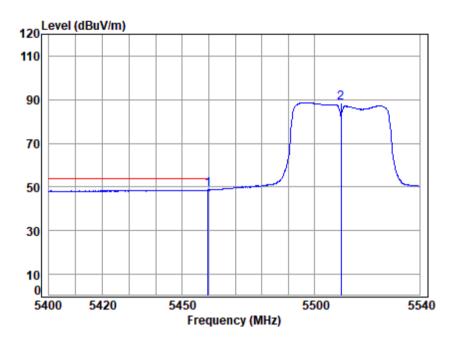
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

1

Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5510 Band edge

: 5G WIFI 11AC40

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB 5459.622 8.11 34.57 42.58 48.52 48.62 54.00 -5.38 Average 8.18 34.61 42.55 88.47 88.71 ----- Average 5510.000



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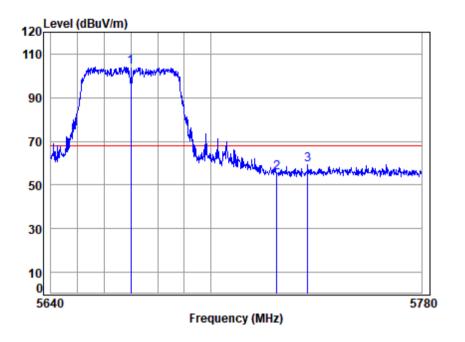
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5670 Band edge

: 5G WIFI 11AC40

•			_						
	Cable	Ant	Preamp	Read		Limit	0ver		
Fre	eq Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	_								
Mi	Hz dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 * 5670.00	00 8.21	34.77	42.45	103.62	104.15	68.20	35.95	peak	
2 5725.00	90 8.22	34.83	42.41	54.82	55.46	68.20	-12.74	peak	
3 5736.6	54 8.22	34 84	42 49	58.72	59.38	68.20	-8.82	neak	



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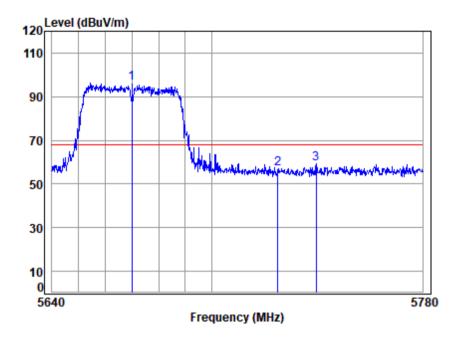
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Report No.: SZEM200900885203

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5670 Band edge

: 5G WIFI 11AC40

		MILIT	TIACH	9						
		Cable	Ant	Preamp	Read		Limit	0ver		
	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	95.62	96.15	68.20	27.95	peak	
2	5725.000	8.22	34.83	42.41	56.25	56.89	68.20	-11.31	peak	
3	5739.468	8.22	34.84	42.40	58.69	59.35	68.20	-8.85	peak	



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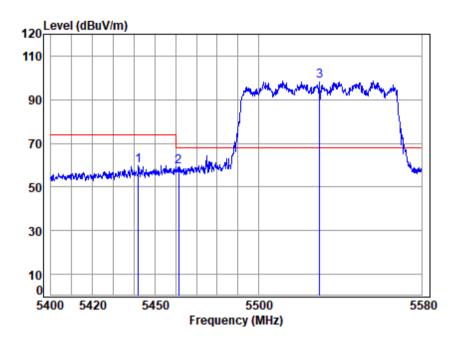
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5530 Band edge

: 5G WIFI 11AC80

	. 50	AATI T	TIACO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5441.949	8.08	34.56	42.59	59.88	59.93	74.00	-14.07	peak	
2	5461.434	8.12	34.57	42.58	59.24	59.35	68.20	-8.85	peak	
3	* 5530.000	8.19	34.63	42.54	98.10	98.38	68.20	30.18	peak	



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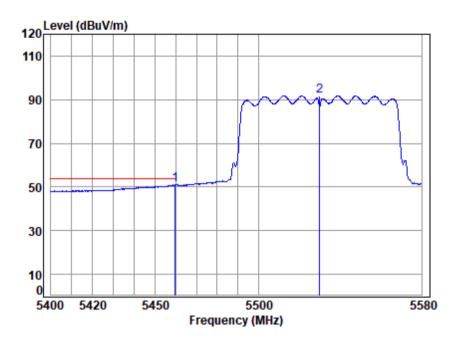
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

1

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5530 Band edge

: 55 WIFI 11AC80

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5459.823 34.57 42.58 50.90 51.00 54.00 -3.00 Average 8.11 5530.000 8.19 34.63 42.54 91.54 91.82 ----- Average



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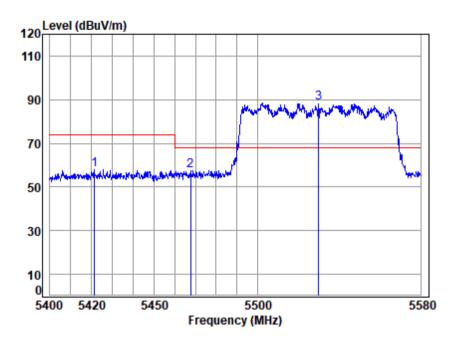
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL

1

3 \* 5530.000

Job No : 08852CR&08853CR Mode : 5530 Band edge : 5G WIFI 11AC80

Cable Ant Preamp Read Limit Over

Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5421.290 8.05 34.54 42.61 57.79 57.77 74.00 -16.23 peak 5467.706 8.13 34.58 42.58 57.33 57.46 68.20 -10.74 peak

8.19 34.63 42.54 88.42 88.70 68.20 20.50 peak



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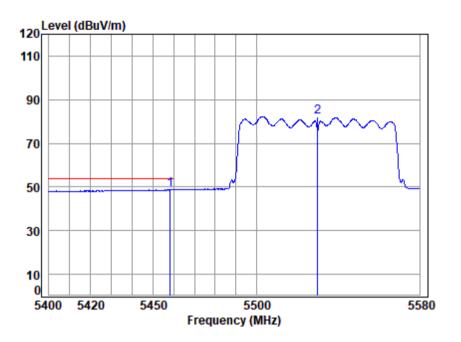
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL

1

Job No : 08852CR&08853CR Mode : 5530 Band edge

: 5G WIFI 11AC80

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5458.212 8.11 34.57 42.58 48.77 48.87 54.00 -5.13 Average 5530.000 8.19 34.63 42.54 81.92 82.20 ----- Average



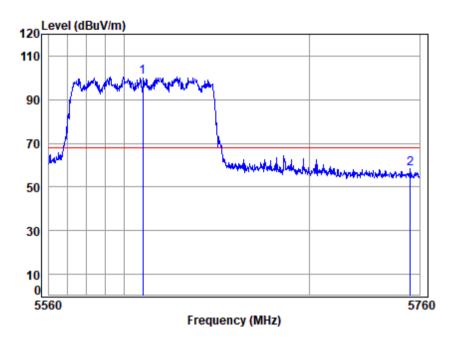
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber

5754.914

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5610 Band edge

: 5G WIFI 11AC80

8.22

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Freq Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 1 \* 5610.000 8.20 34.71 42.48 100.15 100.58 68.20 32.38 peak

34.86 42.39 57.50 58.19 68.20 -10.01 peak



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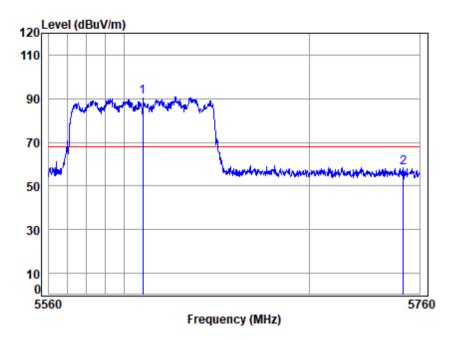
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5610 Band edge

: 5G WIFI 11AC80

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Freq Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 1 \* 5610.000 8.20 34.71 42.48 90.39 22.62 peak 90.82 68.20 5751.051 8.22 34.86 42.39 57.90 58.59 68.20 -9.61 peak



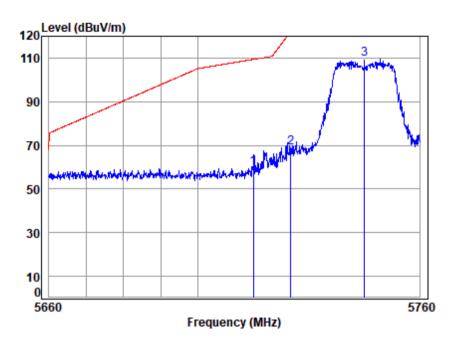
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5745 Band edge

: 5G WIFI 11A

	Freq		Ant Factor						Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.22	34.82	42.42	59.07	59.69	109.40	-49.71	peak
2	5725.000	8.22	34.83	42.41	68.43	69.07	122.20	-53.13	peak
3	5745.000	8.22	34.85	42.40	109.00	109.67	125.20	-15.53	peak



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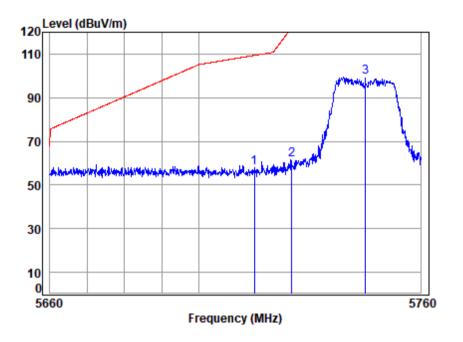
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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5745 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver		
	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	57.36	57.98	109.40	-51.42	peak	
2	5725.000	8.22	34.83	42.41	60.88	61.52	122.20	-60.68	peak	
3	5745.000	8.22	34.85	42.40	98.67	99.34	125.20	-25.86	neak	



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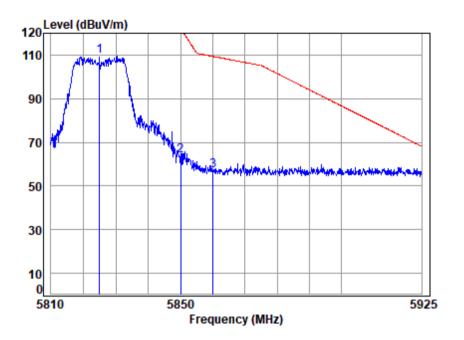
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5825 Band edge

: 5G WIFI 11A

	Freq				Read Level				Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5825.000	8.23	34.93	42.35	108.52	109.33	125.20	-15.87	peak
2	5850.000	8.24	34.95	42.33	63.03	63.89	122.20	-58.31	peak
3	5860.000	8.24	34.96	42.33	56.31	57.18	109.40	-52.22	peak



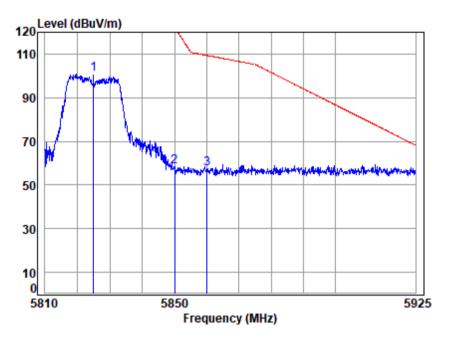
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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5825 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
L	5825.000	8.23	34.93	42.35	99.96	100.77	125.20	-24.43	peak	
)	5850.000	8.24	34.95	42.33	57.64	58.50	122.20	-63.70	peak	
}	5860.000	8.24	34.96	42.33	56.56	57.43	109.40	-51.97	neak	



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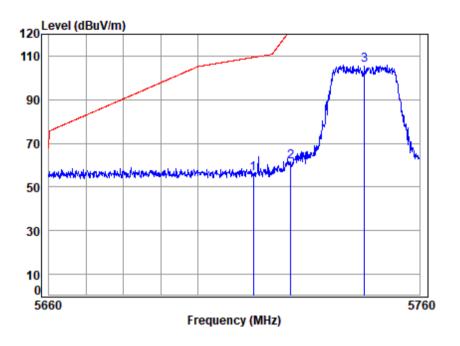
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5745 Band edge

: 5G WIFI 11N20

	. 50	****	111120							
		Cable	Ant	Preamp	Read		Limit	0ver		
	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	55.39	56.01	109.40	-53.39	peak	
2	5725.000	8.22	34.83	42.41	61.12	61.76	122.20	-60.44	peak	
3	5745.000	8.22	34.85	42.40	105.04	105.71	125.20	-19.49	peak	



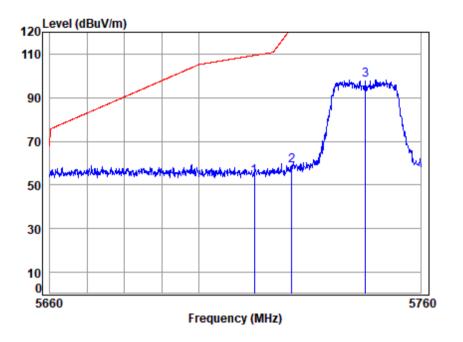
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5745 Band edge

: 5G WIFI 11N20

	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5715.000	8.22	34.82	42.42	53.44	54.06	109.40	-55.34	peak
2	5725.000	8.22	34.83	42.41	58.25	58.89	122.20	-63.31	peak
3	5745.000	8.22	34.85	42.40	97.42	98.09	125.20	-27.11	peak



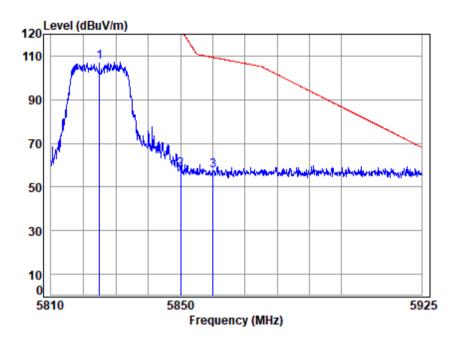
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5825 Band edge

: 5G WIFI 11N20

	. 50	MATIT	111120							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
L	5825.000	8.23	34.93	42.35	106.26	107.07	125.20	-18.13	peak	
)	5850.000	8.24	34.95	42.33	56.86	57.72	122.20	-64.48	peak	
3	5860.000	8.24	34.96	42.33	56.71	57.58	109.40	-51.82	peak	



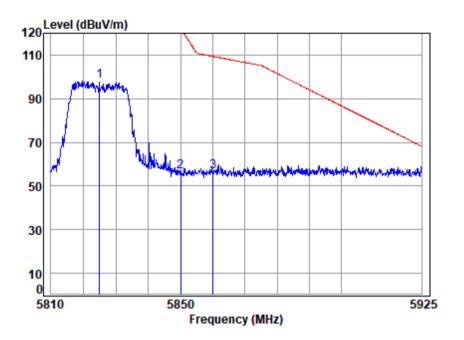
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber

5860.000

1

2

3

Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5825 Band edge : 5G WIFI 11N20

Cable Ant Preamp Read Limit Over

Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5825.000 34.93 42.35 97.34 98.15 125.20 -27.05 peak 8.23 5850.000 8.24 34.95 42.33 55.58 56.44 122.20 -65.76 peak

8.24 34.96 42.33 55.48 56.35 109.40 -53.05 peak



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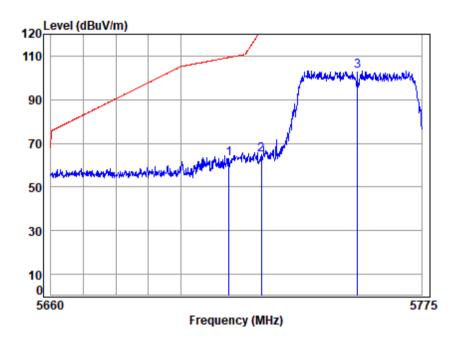
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5755 Band edge

: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver		
	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	62.14	62.76	109.40	-46.64	peak	
2	5725.000	8.22	34.83	42.41	64.02	64.66	122.20	-57.54	peak	
3	5755.000	8.22	34.86	42.39	102.56	103.25	125.20	-21.95	peak	



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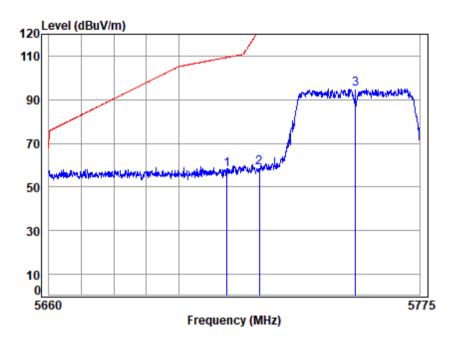
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5755 Band edge

: 5G WIFI 11N40

		Cable	Ant	Preamp	Read		Limit	0ver	
	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	57.29	57.91	109.40	-51.49	peak
2	5725.000	8.22	34.83	42.41	58.00	58.64	122.20	-63.56	peak
3	5755.000	8.22	34.86	42.39	94.42	95.11	125.20	-30.09	neak



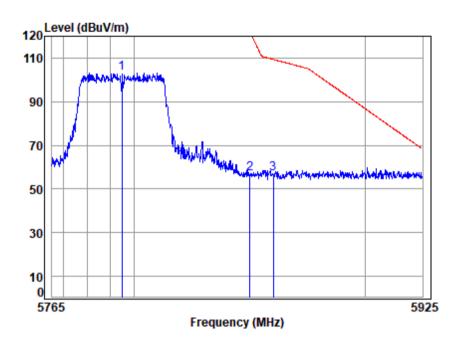
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5795 Band edge

: 5G WIFI 11N40

		MATIT	111140							
		Cable	Ant	Preamp	Read		Limit	0ver		
	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	102.54	103.30	125.20	-21.90	peak	
2	5850.000	8.24	34.95	42.33	56.31	57.17	122.20	-65.03	peak	
3	5860.000	8.24	34.96	42.33	56.27	57.14	109.40	-52.26	peak	



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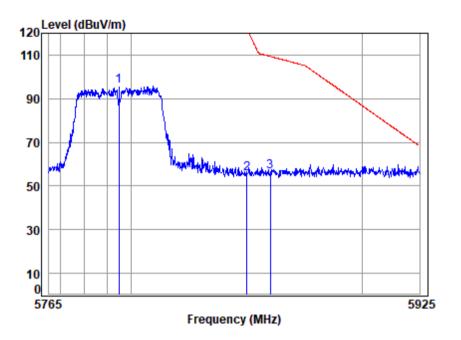
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL

1 2

3

Job No : 08852CR&08853CR Mode : 5795 Band edge : 5G WIFI 11N40

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB dB 5795.000 8.23 34.90 42.37 95.06 95.82 125.20 -29.38 peak 5850.000 8.24 34.95 42.33 54.88 55.74 122.20 -66.46 peak

8.24 34.96 42.33 55.69 56.56 109.40 -52.84 peak



5860.000

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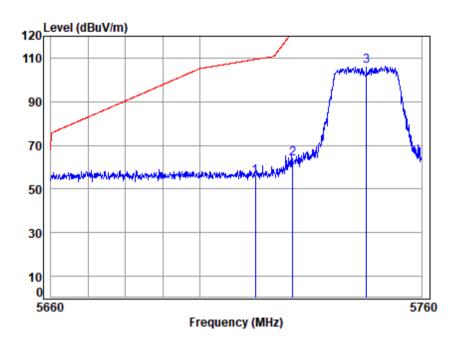
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5745 Band edge

: 5G WTFT 11AC20

		TIME							
	Cable	Ant	Preamp	Read		Limit	0ver		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
									_
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
5715.000	8.22	34.82	42.42	54.91	55.53	109.40	-53.87	peak	
5725.000	8.22	34.83	42.41	63.08	63.72	122.20	-58.48	peak	
5745.000	8.22	34.85	42.40	105.58	106.25	125.20	-18.95	neak	



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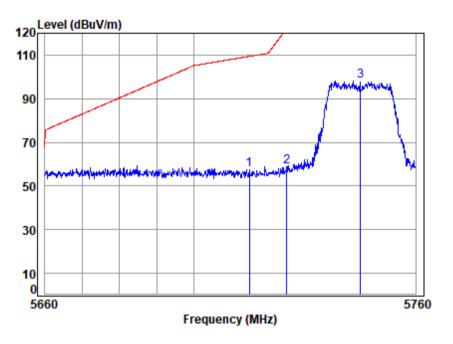
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR&08853CR Mode : 5745 Band edge

: 5G WIFI 11AC20

	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5715.000	8.22	34.82	42.42	56.65	57.27	109.40	-52.13	peak
5725.000	8.22	34.83	42.41	58.39	59.03	122.20	-63.17	peak
5745.000	8.22	34.85	42.40	97.48	98.15	125.20	-27.05	neak



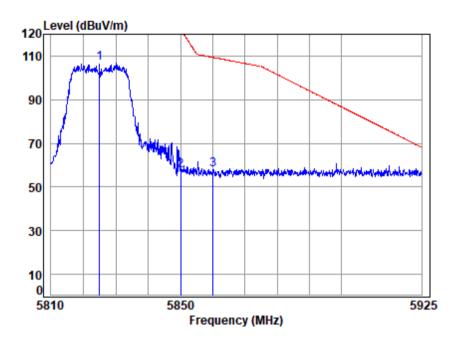
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber

1 2 3

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5825 Band edge

: 5G WIFI 11AC20

		AATI T	TIACEO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
L	5825.000	8.23	34.93	42.35	105.77	106.58	125.20	-18.62	peak	
2	5850.000	8.24	34.95	42.33	56.66	57.52	122.20	-64.68	peak	
3	5860.000	8.24	34.96	42.33	57.22	58.09	109.40	-51.31	peak	



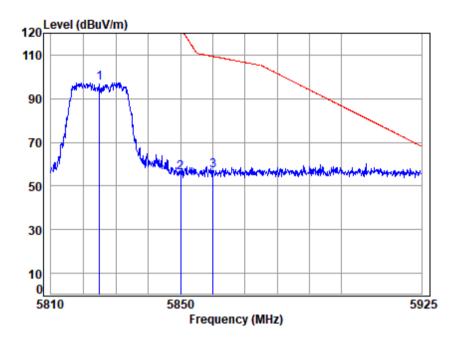
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR&08853CR Mode : 5825 Band edge

: 5G WIFI 11AC20

			Preamp					
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	dB	dB/m	dB		dBuV/m	dBuV/m	dB	
1112	u.	ub/ III	ub.	ubu*	abav/iii	abav/ III	ub.	
5825.000	8.23	34.93	42.35	96.53	97.34	125.20	-27.86	peak
5850.000	8.24	34.95	42.33	55.05	55.91	122.20	-66.29	peak
5860 000	8 24	34 96	42 33	56 26	57 13	109 40	-52 27	neak



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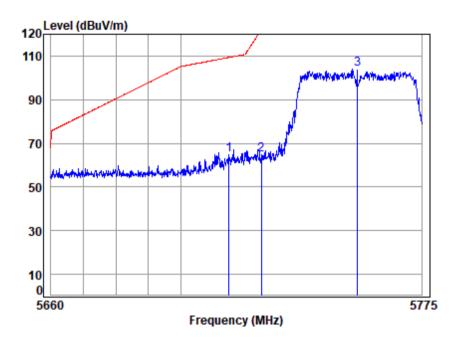
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber

1 2 3

Condition: 3m HORIZONTAL
Job No : 08852CR&08853CR
Mode : 5755 Band edge

· 5G WTFT 11ΔC40

	. 50	MATIT	TIACHO							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
L	5715.000	8.22	34.82	42.42	63.99	64.61	109.40	-44.79	peak	
)	5725.000								•	
	5755.000								•	



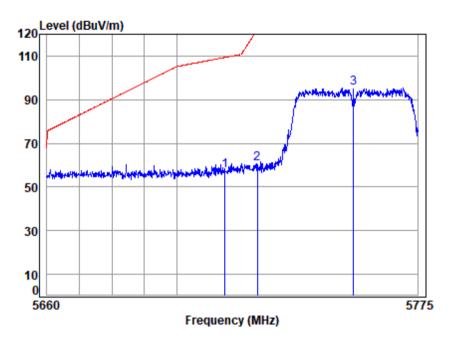
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR&08853CR Mode : 5755 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor						
				dB						-
ı	5715.000								neak	
2	5725.000	8.22	34.83	42.41	59.99	60.63	122.20	-61.57	peak	
}	5755 000	8 22	34 86	42 39	9/1 75	95 11	125 20	-29 76	neak	



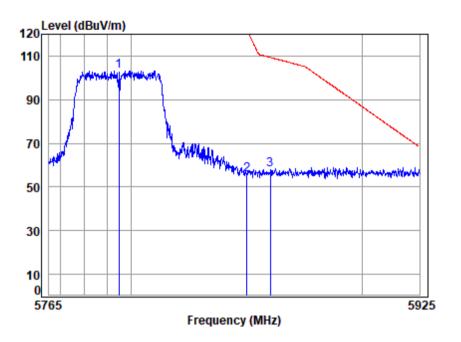
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5795 Band edge

: 5G WIFI 11AC40

	. 50	MATIT	TIACHU							
		Cable	Ant	Preamp	Read		Limit	0ver		
	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	102.42	103.18	125.20	-22.02	peak	
2	5850.000	8.24	34.95	42.33	54.68	55.54	122.20	-66.66	peak	
3	5860.000	8.24	34.96	42.33	57.11	57.98	109.40	-51.42	peak	



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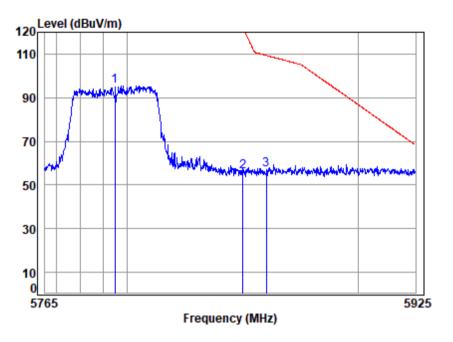
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber Condition: 3m VERTICAL

1 2 3

Job No : 08852CR&08853CR Mode : 5795 Band edge

: 5G WIFI 11AC40

	Freq			Preamp Factor					Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	——dB		
L	5795.000								•	
2	5850.000	8.24	34.95	42.33	55.38	56.24	122.20	-65.96	peak	
2	5860,000	8 24	34 96	42 33	56 29	57 16	109 40	-52 24	neak	



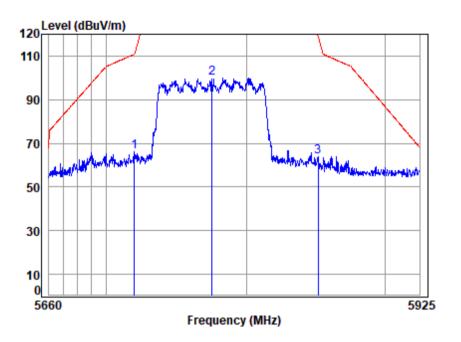
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL Job No : 08852CR&08853CR Mode : 5775 Band edge

: 5G WIFI 11AC80

	. 50	AATI T	TIACOU							
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5720.143	8.22	34.83	42.41	65.54	66.18	111.13	-44.95	peak	
2	5775.000	8.22	34.88	42.38	99.41	100.13	125.20	-25.07	peak	
3	5851.180	8.24	34.96	42.33	62.81	63.68	119.51	-55.83	neak	



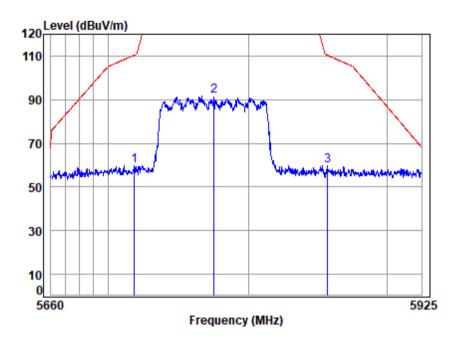
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber Condition: 3m VERTICAL

Job No : 08852CR&08853CR Mode : 5775 Band edge

: 5G WIFI 11AC80

		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5718.572	8.22	34.82	42.41	59.01	59.64	110.40	-50.76	peak	
2	5775.000	8.22	34.88	42.38	90.95	91.67	125.20	-33.53	peak	
3	5856.537	8.24	34.96	42.33	58.95	59.82	110.37	-50.55	peak	



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#### 8 Test Setup Photo

Please refer to setup photos.

#### 9 EUT Constructional Details (EUT Photos)

Please Refer to external and internal photos for details.

- End of the Report -



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