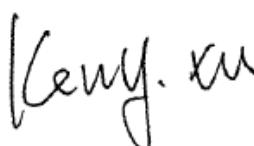


**TEST REPORT**

<b>Application No.:</b>	SZCR2505002127AT
<b>Applicant:</b>	DT Research, Inc.
<b>Address of Applicant:</b>	3RD FL NO 36 WUQUAN 7TH RD WUGU DISTRICT, NEW TAIPEI, Taiwan
<b>Manufacturer:</b>	DT Research, Inc.
<b>Address of Manufacturer:</b>	2000 Concourse Drive, San Jose, CA 95131, USA
<b>Factory:</b>	DT Research, Inc. Taiwan Branch
<b>Address of Factory:</b>	6F., No.36 Wuquan 7 th Rd., Wugu Dist.New Taipei City 248 Taiwan
<b>Equipment Under Test (EUT):</b>	
<b>EUT Name:</b>	Rugged Tablet
<b>Model No.:</b>	DT382WH, DT382xxxx(x= 0-9, A~Z, - or null) ♣
♣	Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
<b>Trade Mark:</b>	
<b>FCC ID:</b>	YE3600-AX210NG
<b>Standard(s) :</b>	47 CFR Part 15, Subpart E 15.407
<b>Date of Receipt:</b>	2025-05-23
<b>Date of Test:</b>	2025-05-28 to 2025-07-16
<b>Date of Issue:</b>	2025-07-18
<b>Test Result:</b>	<b>Pass*</b>

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



Keny Xu

EMC Laboratory Manager



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Report No.: SZCR250500212705

Page: 2 of 340

<b>Revision Record</b>				
<b>Version</b>	<b>Chapter</b>	<b>Date</b>	<b>Modifier</b>	<b>Remark</b>
01		2025-07-18		Original

<b>Authorized for issue by:</b>			
		<b>Edison Li/Project Engineer</b>	
		<b>Eric Fu/Reviewer</b>	

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## 2 Test Summary

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

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2020) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10 (2020) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10 (2020) Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10 (2020) Section 6.6	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Contention Based Protocol		KDB 987594 D02 v02r01	47 CFR Part 15, Subpart E 15.407 (d)	Pass*
Channel Move Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass

### Remark:

Model No.: DT382WH, DT382xxxx(x= 0-9, A~Z, - or null)

Only the model DT382WH was tested, since according to the declaration from the applicant, the electrical circuit design, PCB layout, components used and internal wiring and functions were identical for the above models, with only difference on model No..

This report is prepared for FCC class II permissive change to install the granted module(FCC ID:YE3600-AX210NG, Granted on 05/06/2022) into a host product and also change the antenna gains.

Therefore in this report Conducted Emissions at AC Power Line (150kHz-30MHz), Radiated Emissions which fall in the restricted bands and Radiated Spurious Emissions were fully retested on model DT382WH and shown the data in this report.

\*: the Contention Based Protocol test is only apply for 6G WiFi function.

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### 3 Contents

	Page
1 Cover Page .....	1
2 Test Summary.....	3
3 Contents .....	4
4 General Information.....	6
4.1 Details of E.U.T.....	6
4.2 Description of Support Units.....	7
4.3 Measurement Uncertainty .....	8
4.4 Test Location .....	9
4.5 Test Facility.....	9
4.6 Deviation from Standards .....	9
4.7 Abnormalities from Standard Conditions.....	9
5 Equipment List .....	10
6 Radio Spectrum Technical Requirement.....	13
6.1 Antenna Requirement .....	13
6.1.1 Test Requirement: .....	13
6.1.2 Conclusion.....	13
6.2 Transmission in the Absence of Data .....	13
6.2.1 Test Requirement: .....	13
6.2.2 Conclusion.....	13
7 Radio Spectrum Matter Test Results.....	14
7.1 Conducted Emissions at AC Power Line (150kHz-30MHz) .....	14
7.1.1 E.U.T. Operation.....	14
7.1.2 Test Mode Description .....	14
7.1.3 Test Setup Diagram .....	16
7.1.4 Measurement Procedure and Data.....	16
7.2 Contention Based Protocol.....	19
7.2.1 E.U.T. Operation.....	19
7.2.2 Test Mode Description .....	19
7.2.3 Test Setup Diagram .....	21
7.2.4 Measurement Procedure and Data.....	21
7.2.5 Measurement Procedure and Data.....	21
7.3 Radiated Emissions which fall in the restricted bands .....	22
7.3.1 E.U.T. Operation.....	22
7.3.2 Test Mode Description .....	22
7.3.3 Test Setup Diagram .....	27
7.3.4 Measurement Procedure and Data.....	28
7.4 Radiated Emissions (Below 1GHz).....	207
7.4.1 E.U.T. Operation.....	207
7.4.2 Test Mode Description .....	207



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 5 of 340

7.4.3	Test Setup Diagram .....	210
7.4.4	Measurement Procedure and Data.....	211
7.5	Radiated Emissions (Above 1GHz).....	214
7.5.1	E.U.T. Operation.....	214
7.5.2	Test Mode Description .....	214
7.5.3	Test Setup Diagram .....	219
7.5.4	Measurement Procedure and Data.....	220
7.6	Channel Move Time .....	317
7.6.1	E.U.T. Operation.....	317
7.6.2	Test Mode Description .....	317
7.6.3	Test Setup Diagram .....	318
7.6.4	Measurement Procedure and Data.....	319
7.7	Channel Closing Transmission Time .....	320
7.7.1	E.U.T. Operation.....	320
7.7.2	Test Mode Description .....	320
7.7.3	Test Setup Diagram .....	321
7.7.4	Measurement Procedure and Data.....	322
<b>8</b>	<b>Test Setup Photo .....</b>	<b>323</b>
<b>9</b>	<b>EUT Constructional Details (EUT Photos).....</b>	<b>323</b>
<b>10</b>	<b>Appendix.....</b>	<b>324</b>

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## 4 General Information

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

Power supply:	AC Adapter1 Model: A20-065N3A Input: AC 100-240V, 50/60Hz, 1.6A Output: DC 5.0V, 3.0A 15.0W/ DC 9V, 3A 12V/ DC15V, 3A / DC20.0V, 3.25A, 65.0W  AC Adapter2 Model: A18-065N3A Input: AC 100-240V, 50/60Hz, 1.7A Output: DC19.0V, 3.42A, 65.0W  Rechargeable lithium-Ion Polymer Battery(Main) Model: ACC-006-60K(3ICP9/36/115) Rated Capacity: 5400mAh Voltage: 11.4VDC Watt-Hour: 61.56Wh Max Charge Voltage: 13.05V  Rechargeable lithium-Polymer Battery(Backup) Model: PT352044-2S(2ICP4/20/44) Rated Capacity: 250mAh Voltage: 7.4VDC Watt-Hour: 1.83Wh			
Cable(s):	DC cable: 175cm with a ferrite core AC cable: 140cm unshielded			
Operation Frequency:	Band	Mode	Frequency Range(MHz)	Number of channels
	UNII Band I	802.11a/n/ac/ax(20MHz)	5180-5240	4
		802.11n/ac/ax(40MHz)	5190-5230	2
		802.11ac/ax(80MHz)	5210	1
	UNII Band II-A	802.11a/n/ac/ax(20MHz)	5260-5320	4
		802.11n/ac/ax(40MHz)	5270-5310	2
		802.11ac/ax(80MHz)	5290	1
		802.11ac/ax(160MHz)	5250	1
	UNII Band II-C	802.11a/n/ac/ax(20MHz)	5500-5720	12
		802.11n/ac/ax(40MHz)	5510-5710	6
		802.11ac/ax(80MHz)	5530-5690	3
		802.11ac/ax(160MHz)	5570	1
	UNII Band III	802.11a/n/ac/ax(20MHz)	5745-5825	5

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 7 of 340

		802.11n/ac/ax(40MHz)	5755-5795	2
		802.11ac/ax(80MHz)	5775	1
	UNII Band 5	802.11a/n/ac/ax(20MHz)	5955-6415	24
		802.11n/ac/ax(40MHz)	5965-6405	12
		802.11ac/ax(80MHz)	5985-6385	6
		802.11ac/ax(160MHz)	6025-6345	3
		802.11a/n/ac/ax(20MHz)	6435-6515	5
	UNII Band 6	802.11n/ac/ax(40MHz)	6445-6485	2
		802.11ac/ax(80MHz)	6465-6545	2
		802.11ac/ax(160MHz)	6505	1
		802.11a/n/ac/ax(20MHz)	6535-6855	17
	UNII Band 7	802.11n/ac/ax(40MHz)	6525-6845	9
		802.11ac/ax(80MHz)	6625-6785	3
		802.11ac/ax(160MHz)	6665	1
		802.11a/n/ac/ax(20MHz)	6875-7115	13
	UNII Band 8	802.11n/ac/ax(40MHz)	6885-7085	6
		802.11ac/ax(80MHz)	6865-7025	3
		802.11ac/ax(160MHz)	6985	1
Modulation Type:	802.11a: OFDM(QPSK, BPSK, 16QAM, 64QAM) 802.11n: OFDM(QPSK, BPSK, 16QAM, 64QAM) 802.11ac: OFDM(QPSK, BPSK, 16QAM, 64QAM, 256QAM) 802.11ax: OFDMA(QPSK, BPSK, 16QAM, 64QAM, 256QAM, 1024QAM)			
DFS Function:	Slave without radar detection			
TPC Function:	Not support			
Antenna Type:	PIFA Antenna			
Antenna Gain:	Antenna1: 3.2dBi, Antenna2: 3.1dBi @5180MHz~5825MHz Antenna1: 4.0dBi, Antenna2: 3.4dBi @5955MHz~7115MHz Note: MIMO for 802.11n/ac/ax			

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## 4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
--	--	--	--

The EUT has been tested as an independent unit.



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### 4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	± 3.1dB
Radiated Emissions which fall in the restricted bands	± 6.0dB (below 1GHz); ± 4.6dB (above 1GHz);
Radiated Emissions (Below 1GHz)	± 6.0dB for 3m; ± 5.0dB for 10m
Radiated Emissions (Above 1GHz)	± 4.6dB (1-18GHz);± 4.8dB (18-40GHz)

Remark:

The  $U_{lab}$  (lab Uncertainty) is less than  $U_{cisp/ETSI}$  (CISPR/ETSI 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:

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

No tests were sub-contracted.

#### 4.5 Test Facility

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

- **A2LA (Certificate No. 3816.01)**

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

- **VCCI (Member No. 1937)**

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. Shenzhen EMC laboratory 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: CN1336**

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

Designation Number: CN1336. Test Firm Registration Number: 787754.

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

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

CAB identifier: CN0006.

IC#: 4620C.

#### 4.6 Deviation from Standards

None

#### 4.7 Abnormalities from Standard Conditions

None

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## 5 Equipment List

Conducted Emissions at AC Power Line (150kHz-30MHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2025-05-07	2028-05-06
EMI Test Receiver	Rohde&Schwarz	ESR	SZ-WRG-M-047	2025-01-08	2026-01-07
Matching Pad	N/A	N/A	SEM021-23	2025-03-19	2026-03-18
Matching Pad	N/A	N/A	SEM021-24	2025-03-19	2026-03-18
Measurement Software	AUDIX	e3 V8.2014-6-27a	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2025-07-05	2026-07-04
LISN	Rohde&Schwarz	ENV216	SEM007-01	2024-08-15	2025-08-14
LISN	ETS-LINDGREN	3816/2	SEM007-02	2025-03-03	2026-03-02

Radiated Emissions which fall in the restricted bands					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV	SZ-WRG-M-048	2025-01-07	2026-01-06
Low Noise Amplifier 30M-8GHz	Tonscend	TAP30M8G30	SZ-WRG-M-050	2025-01-07	2026-01-06
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2023-12-21	2025-12-20
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2023-12-25	2025-12-24
RSE Test Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Humidity and Temperature Indicator	deli	8838	SEM002-46	2024-07-24	2025-07-23

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 11 of 340

Radiated Emissions (Below 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Loop Antenna	ETS-Lindgren	6502	SEM003-08	2023-11-20	2025-11-19
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2023-06-19	2026-06-18
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2024-08-14	2025-08-13
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2023-09-16	2025-09-15
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2025-03-04	2026-03-03
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2025-07-05	2026-07-04

Radiated Emissions (Above 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV	SZ-WRG-M-048	2025-01-07	2026-01-06
Low Noise Amplifier 1G-18GHz	Tonscend	TAP01018050	SZ-WRG-M-051	2025-01-07	2026-01-06
Low Noise Amplifier 18G-40GHz	Tonscend	TAP18040048	SZ-WRG-M-052	2025-01-08	2026-01-07
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2023-12-21	2025-12-20
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2023-12-25	2025-12-24
RSE Test Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Humidity and Temperature Indicator	deli	8838	SEM002-46	2024-07-24	2025-07-23

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 12 of 340

DFS/CBP						
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date	
Manual Step Attenuator	KEYSIGHT	8494B	SEM021-05	2025-03-03	2026-03-02	
Manual Step Attenuator	KEYSIGHT	8496B	SEM021-06	2025-03-03	2026-03-02	
Measurement Software	KEYSIGHT	Signal Studio for DFS Radar Profiles V2.2.0.0	N/A	N/A	N/A	
Measurement Software	Agilent	ISMonitor10	N/A	N/A	N/A	
MXG Vector Signal Generator	Agilent	N5182A	SEM006-21	2025-03-03	2026-03-02	
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-22	2025-03-04	2026-03-03	

General used equipment						
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date	
Humidity/ Temperature Indicator	deli	8838	SEM002-32	2024-07-24	2025-07-23	
Humidity/ Temperature Indicator	deli	8838	SEM002-33	2024-07-24	2025-07-23	
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2025-03-03	2026-03-02	

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

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:

The antenna connector is a IPEX type that comply with Part15.203, the best case gain of the Antenna1: 3.2dBi, Antenna2: 3.1dBi @5180MHz~5825MHz, Antenna1: 4.0dBi, Antenna2: 3.4dBi @5955MHz~7115MHz.

Antenna location: Refer to internal photo.

### 6.2 Transmission in the Absence of Data

#### 6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

#### 6.2.2 Conclusion

Standard Requirement:

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

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

EUT Details:

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



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## 7 Radio Spectrum Matter Test Results

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

Test Requirement 47 CFR Part 15, Subpart C 15.207 &amp; Subpart E 15.407 b(9)

Test Method: ANSI C63.10 (2020) Section 6.2

Limit:

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

\*Decreases with the logarithm of the frequency.

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

Operating Environment:

Temperature: 22.5 °C      Humidity: 44.5 % RH      Atmospheric Pressure: 1020 mbar

#### 7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	26	Charge + TX mode (U-NII-1)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	28	Charge + TX mode (U-NII-2A)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Pre-scan	30	Charge + TX mode (U-NII-2C)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 15 of 340

		worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	32	Charge + TX mode (U-NII-3)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Pre-scan	34	Charge + TX mode (U-NII-5)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	36	Charge + TX mode (U-NII-6)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	38	Charge + TX mode (U-NII-7)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	40	Charge + TX mode (U-NII-8)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz);

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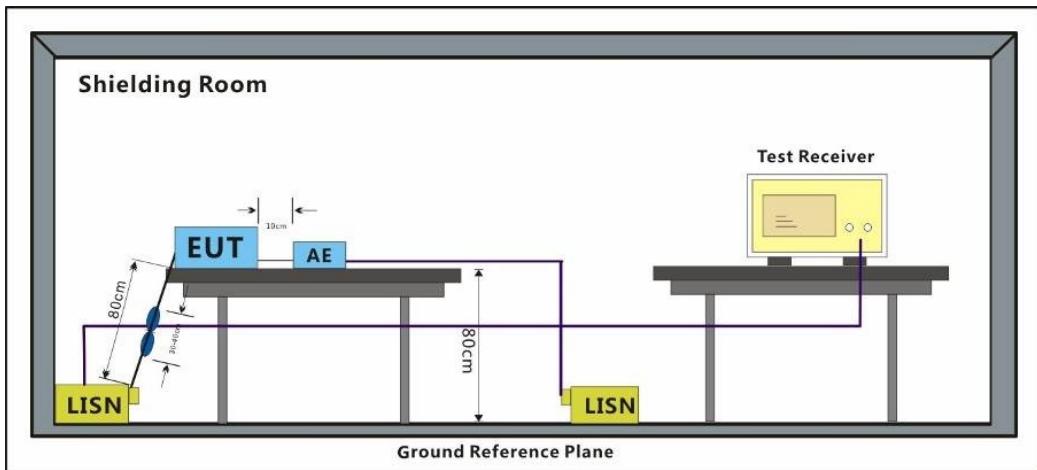
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data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.

### 7.1.3 Test Setup Diagram



### 7.1.4 Measurement Procedure and Data

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

Remark 1: Level=Read Level+ Cable Loss+ LISN Factor

Remark 2: Pre-test AC 120V/50-60Hz&AC 240V/50-60Hz then choose the AC 120/60Hz as worst case.

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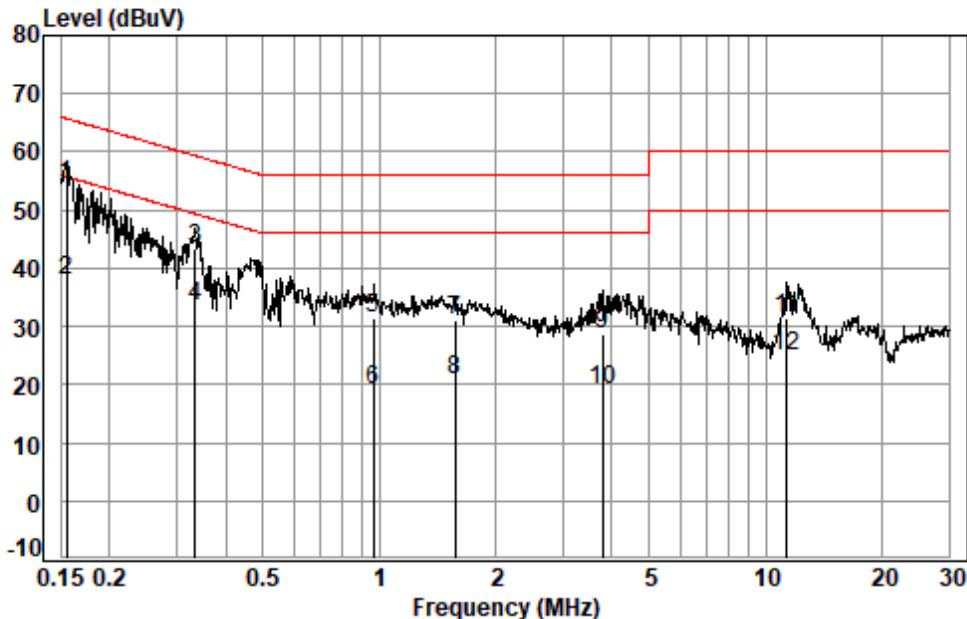
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Test Mode: 26; Line: Live line



Site : Shielding Room

Condition: Line

Job No. : 02127AT/02128AT

Test mode: 26 #1

Freq	Cable	LISN	Read	Limit	Over	Remark	
	Freq	Loss	Factor				
	MHz	dB	dB	dBuV	dBuV	dBuV	dB
1 *	0.1548	0.06	10.19	43.94	54.19	65.74	-11.55 QP
2	0.1548	0.06	10.19	27.58	37.83	55.74	-17.91 Average
3	0.3338	0.07	9.79	33.61	43.47	59.35	-15.88 QP
4 *	0.3338	0.07	9.79	23.45	33.31	49.35	-16.04 Average
5	0.9684	0.09	9.59	21.87	31.55	56.00	-24.45 QP
6	0.9684	0.09	9.59	9.37	19.05	46.00	-26.95 Average
7	1.5684	0.10	9.58	21.55	31.23	56.00	-24.77 QP
8	1.5684	0.10	9.58	11.25	20.93	46.00	-25.07 Average
9	3.7794	0.11	9.65	19.07	28.83	56.00	-27.17 QP
10	3.7794	0.11	9.65	9.19	18.95	46.00	-27.05 Average
11	11.3771	0.22	9.76	21.51	31.49	60.00	-28.51 QP
12	11.3771	0.22	9.76	15.02	25.00	50.00	-25.00 Average

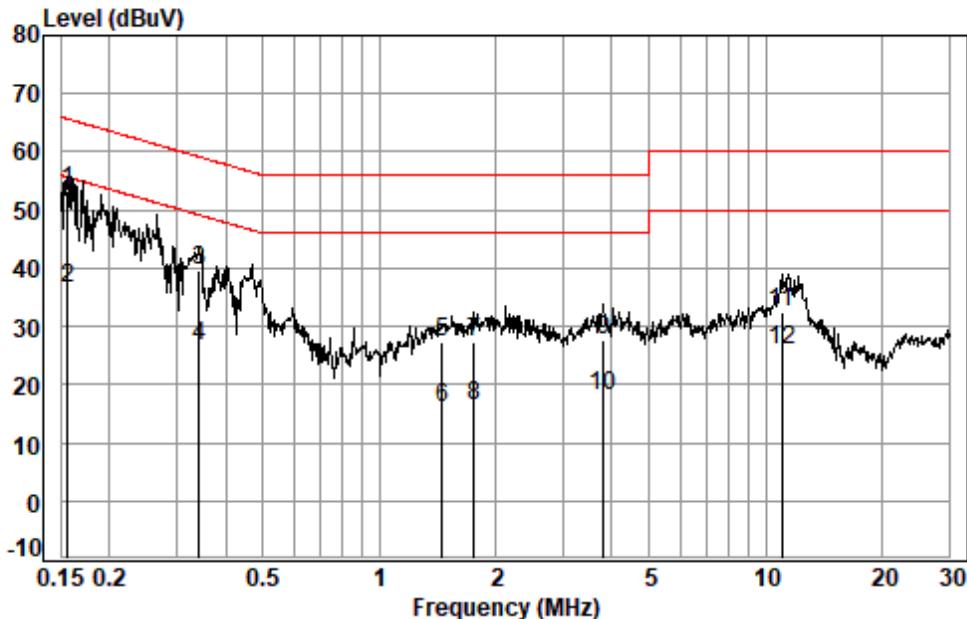
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Test Mode: 26; Line: Neutral Line



Site : Shielding Room

Condition: Neutral

Job No. : 02127AT/02128AT

Test mode: 26 #1

	Freq	Cable	LISN	Read	Limit	Over	Remark
		Freq	Loss	Factor			
	MHz	dB	dB	dBuV	dBuV	dBuV	dB
1 *	0.1565	0.06	10.14	43.03	53.23	65.65	-12.42 QP
2 *	0.1565	0.06	10.14	26.18	36.38	55.65	-19.27 Average
3	0.3410	0.07	9.75	29.85	39.67	59.18	-19.51 QP
4	0.3410	0.07	9.75	16.89	26.71	49.18	-22.47 Average
5	1.4562	0.10	9.55	17.56	27.21	56.00	-28.79 QP
6	1.4562	0.10	9.55	6.37	16.02	46.00	-29.98 Average
7	1.7623	0.10	9.55	17.51	27.16	56.00	-28.84 QP
8	1.7623	0.10	9.55	6.78	16.43	46.00	-29.57 Average
9	3.7994	0.11	9.55	17.90	27.56	56.00	-28.44 QP
10	3.7994	0.11	9.55	8.30	17.96	46.00	-28.04 Average
11	11.0211	0.21	9.64	22.53	32.38	60.00	-27.62 QP
12	11.0211	0.21	9.64	16.16	26.01	50.00	-23.99 Average

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## 7.2 Contention Based Protocol

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

Test Method: KDB 987594 D02 v02r01

Limit: Detect co-channel energy with 90% or greater certainty.

### 7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C      Humidity: 40.3 % RH      Atmospheric Pressure: 1020 mbar

### 7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	33	TX mode (U-NII-5)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	34	Charge + TX mode (U-NII-5)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	35	TX mode (U-NII-6)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	36	Charge + TX mode (U-NII-6)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 20 of 340

		worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	37	TX mode (U-NII-7)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	38	Charge + TX mode (U-NII-7)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	39	TX mode (U-NII-8)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	40	Charge + TX mode (U-NII-8)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.

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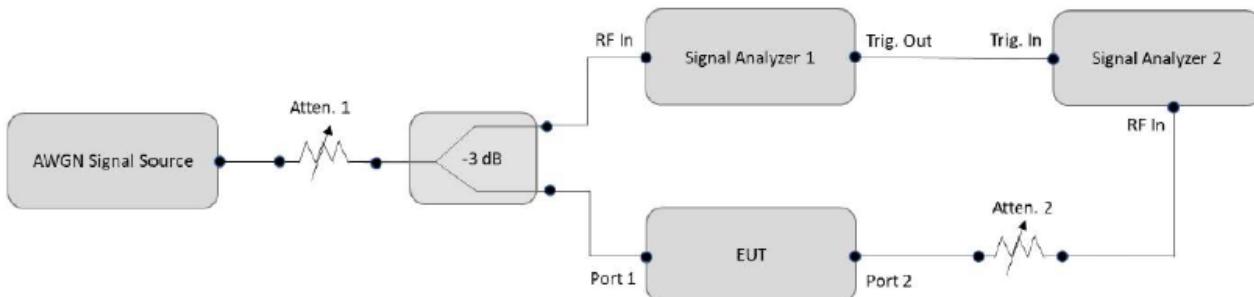
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**7.2.3 Test Setup Diagram****7.2.4 Measurement Procedure and Data**

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

Detection Level=Injected AWGN Power(dBm)-Antenna Gain(dBi)+Path Loss(dB)

**7.2.5 Measurement Procedure and Data**

Please Refer to Appendix for Details



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

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

Test Method: ANSI C63.10 (2020) Section 6.10.5

Measurement Distance: 3m

Limit:

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

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

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

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

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

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

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

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

Operating Environment:

Temperature: 23.5 °C      Humidity: 40.3 % RH      Atmospheric Pressure: 1020 mbar

#### 7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	25	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

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 23 of 340

		found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	26	Charge + TX mode (U-NII-1)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	27	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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Final test	28	Charge + TX mode (U-NII-2A)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Pre-scan	29	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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	30	Charge + TX mode (U-NII-2C)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.

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		worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	31	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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Final test	32	Charge + TX mode (U-NII-3)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Pre-scan	33	TX mode (U-NII-5)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	34	Charge + TX mode (U-NII-5)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	35	TX mode (U-NII-6)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 25 of 340

		802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	36	Charge + TX mode (U-NII-6)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	37	TX mode (U-NII-7)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	38	Charge + TX mode (U-NII-7)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	39	TX mode (U-NII-8)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	40	Charge + TX mode (U-NII-8)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 26 of 340

802.11ax(160MHz). Only the data of worst case is recorded in the report.



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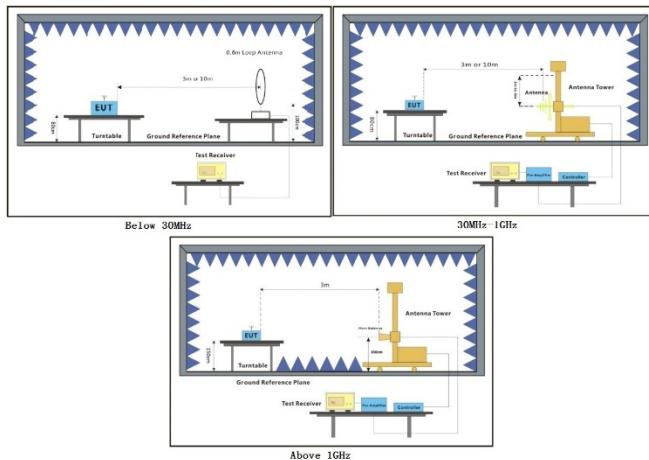
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### 7.3.3 Test Setup Diagram



**7.3.4 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: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

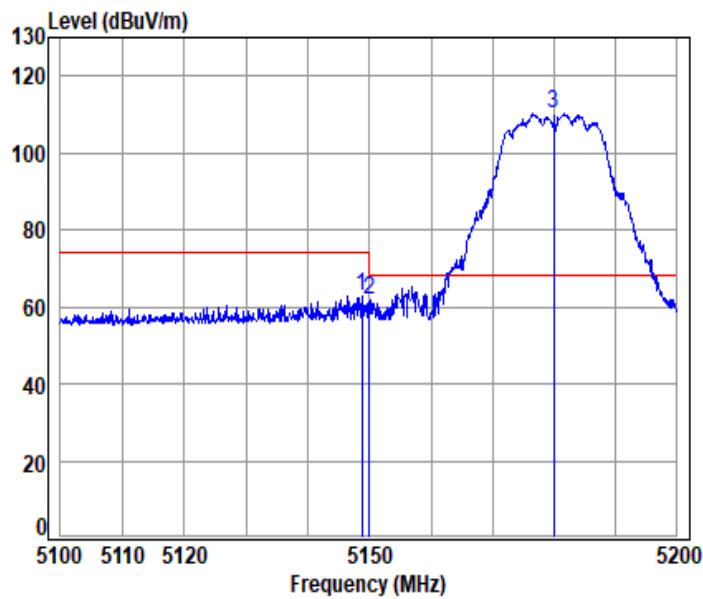
Remark 3. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is  $\geq 1/T$  (Duty cycle  $< 98\%$ ) or 10Hz (Duty cycle  $\geq 98\%$ ) for Average detection (AV) at frequency above 1GHz.

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## 11a\_TX\_CH\_36\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5180 Band edge  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Level	Line Level	Over Limit	Remark	
				dB	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	5148.757	10.14	32.40	30.55	50.85	62.84	74.00	-11.16	peak
2	5149.980	10.14	32.40	30.55	49.85	61.84	74.00	-12.16	peak
3 pp	5180.000	10.25	32.46	30.56	97.94	110.09	68.20	41.89	peak

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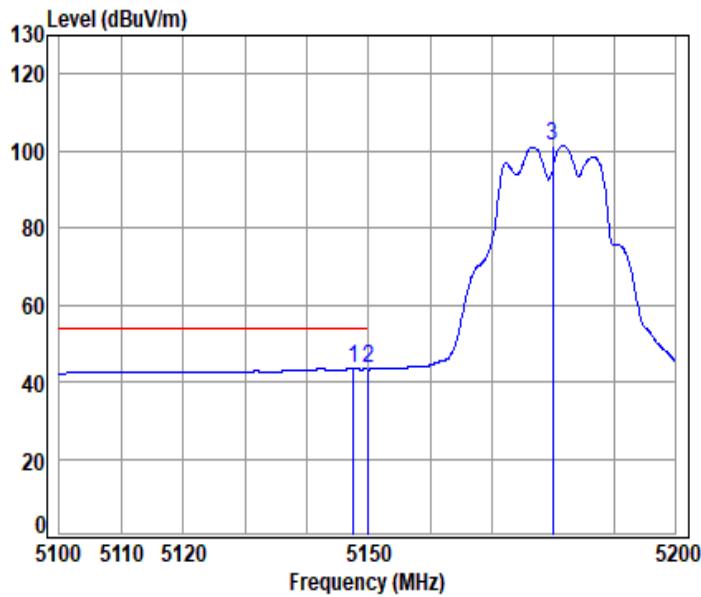
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## 11a\_TX\_CH\_36\_Horizontal-Avg



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5180 Band edge  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5147.558	10.13	32.40	30.55	31.37	43.35	54.00	-10.65	Average
2	5149.980	10.14	32.40	30.55	31.28	43.27	54.00	-10.73	Average
3	5180.000	10.25	32.46	30.56	89.08	101.23	-----	-----	Average

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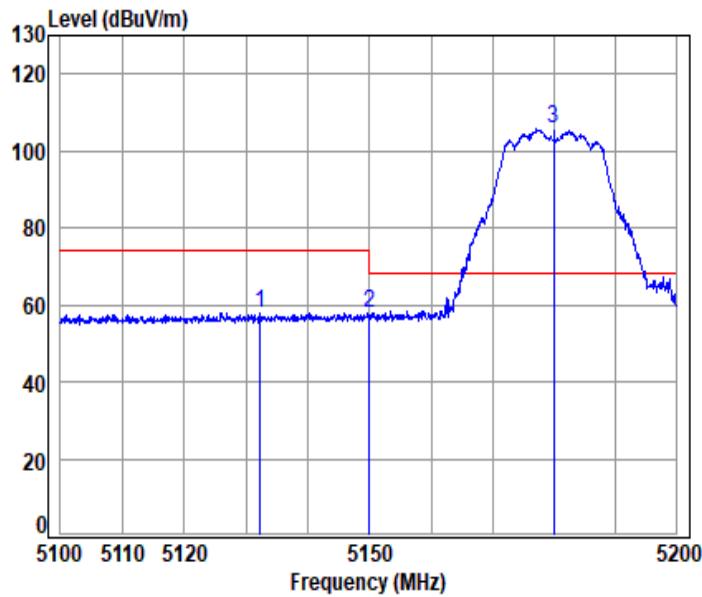
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## 11a\_TX\_CH\_36\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5180 Band edge

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5132.287	10.07	32.36	30.54	46.10	57.99	74.00 -16.01 peak
2	5149.980	10.14	32.40	30.55	45.67	57.66	74.00 -16.34 peak
3 pp	5180.000	10.25	32.46	30.56	93.47	105.62	68.20 37.42 peak

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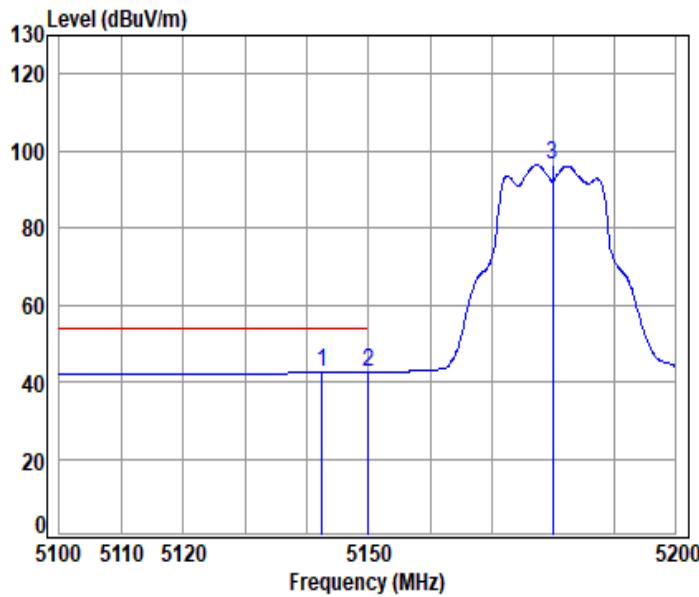
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## 11a\_TX\_CH\_36\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5180 Band edge

: 5G Wi-Fi 11a

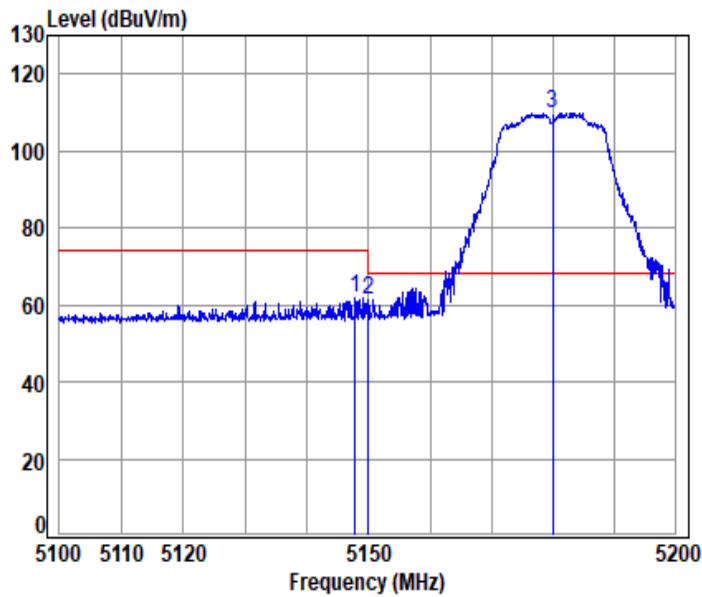
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5142.462	10.11	32.38	30.55	30.55	42.49	54.00 -11.51 Average
2 pp	5149.980	10.14	32.40	30.55	30.51	42.50	54.00 -11.50 Average
3	5180.000	10.25	32.46	30.56	84.15	96.30	----- ----- Average

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11ac\_VHT(20M)\_TX\_CH\_36\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5180 Band edge  
: 5G Wi-Fi 11ac20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level	Level	dBuV/m	dBuV/m
1 5147.857	10.13	32.40	30.55	50.04	62.02	74.00	-11.98 peak
2 5149.980	10.14	32.40	30.55	49.45	61.44	74.00	-12.56 peak
3 pp 5180.000	10.25	32.46	30.56	97.77	109.92	68.20	41.72 peak

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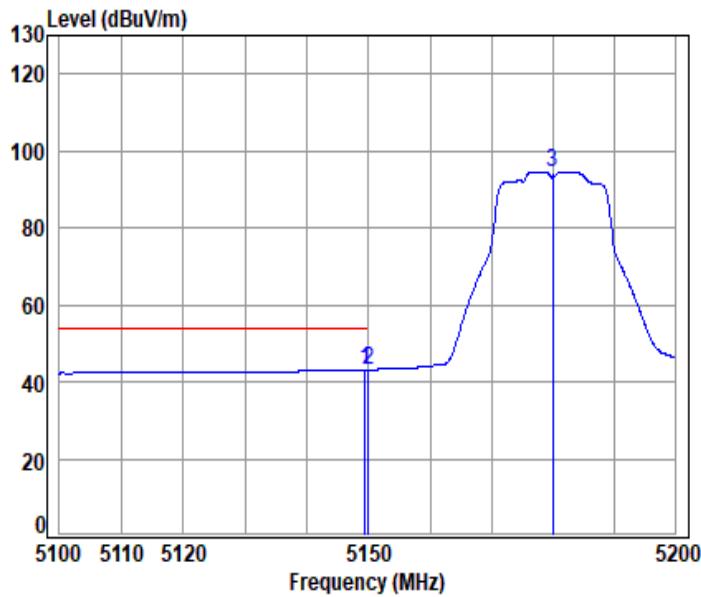
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11ac\_VHT(20M)\_TX\_CH\_36\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5180 Band edge

: 5G Wi-Fi 11ac20

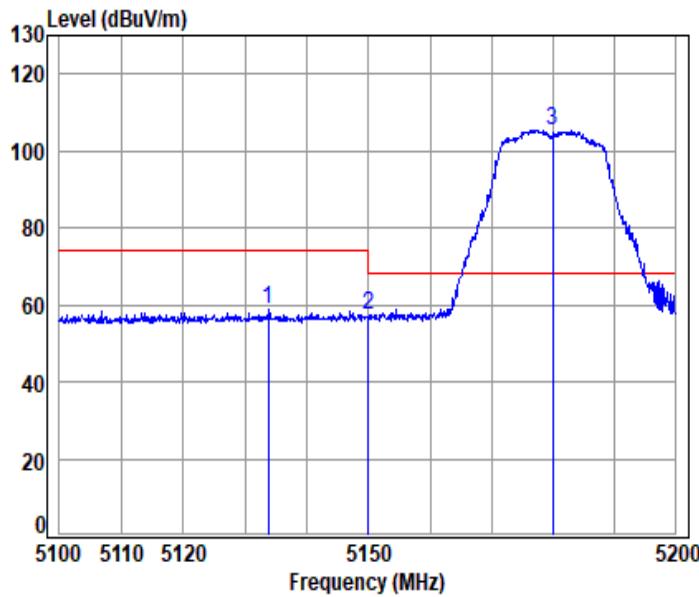
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5149.458	10.14	32.40	30.55	31.18	43.17	54.00 -10.83 Average
2 pp	5149.980	10.14	32.40	30.55	31.20	43.19	54.00 -10.81 Average
3	5180.000	10.25	32.46	30.56	82.29	94.44	----- ----- Average

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## 11ac\_VHT(20M)\_TX\_CH\_36\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5180 Band edge

: 5G Wi-Fi 11ac20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5133.683	10.08	32.37	30.54	46.81	58.72	74.00 -15.28 peak
2	5149.980	10.14	32.40	30.55	45.38	57.37	74.00 -16.63 peak
3 pp	5180.000	10.25	32.46	30.56	93.35	105.50	68.20 37.30 peak

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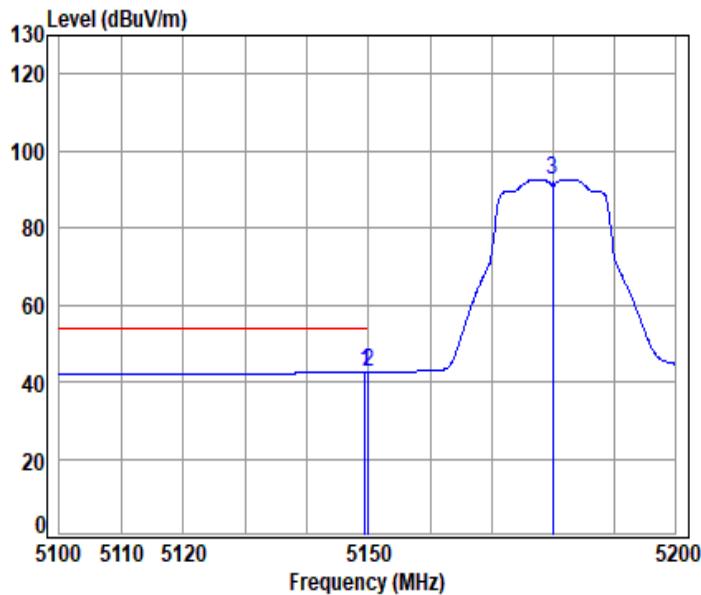
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11ac\_VHT(20M)\_TX\_CH\_36\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5180 Band edge

: 5G Wi-Fi 11ac20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5149.458	10.14	32.40	30.55	30.49	42.48	54.00 -11.52 Average
2 pp	5149.980	10.14	32.40	30.55	30.52	42.51	54.00 -11.49 Average
3	5180.000	10.25	32.46	30.56	80.18	92.33	----- ----- Average

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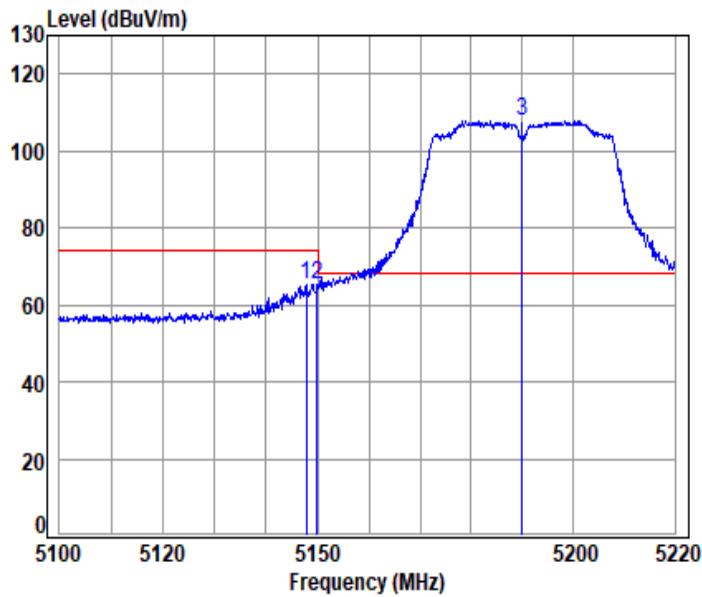
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11ac\_VHT(40M)\_TX\_CH\_38\_Horizontal-Peak

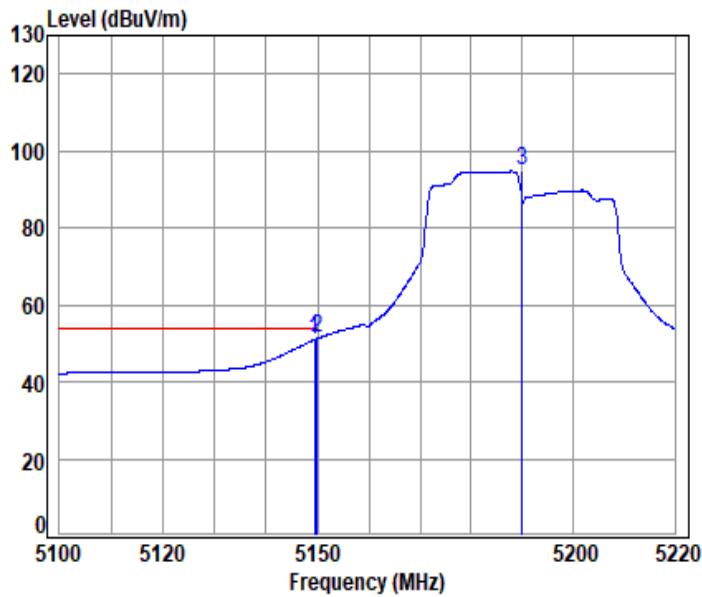


Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5190 Band edge  
: 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5147.785	10.13	32.40	30.55	53.43	65.41	74.00 -8.59 peak
2	5149.980	10.14	32.40	30.55	53.46	65.45	74.00 -8.55 peak
3 pp	5190.000	10.29	32.48	30.56	95.59	107.80	68.20 39.60 peak



11ac\_VHT(40M)\_TX\_CH\_38\_Horizontal-Avg



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5190 Band edge  
: 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5149.461	10.14	32.40	30.55	39.01	51.00	54.00
2 pp	5149.980	10.14	32.40	30.55	39.40	51.39	54.00
3	5190.000	10.29	32.48	30.56	82.45	94.66	-----

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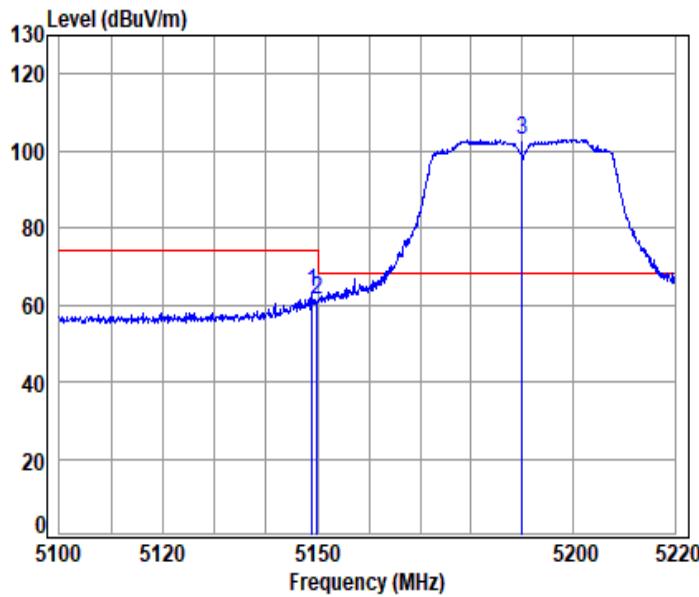
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## 11ac\_VHT(40M)\_TX\_CH\_38\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

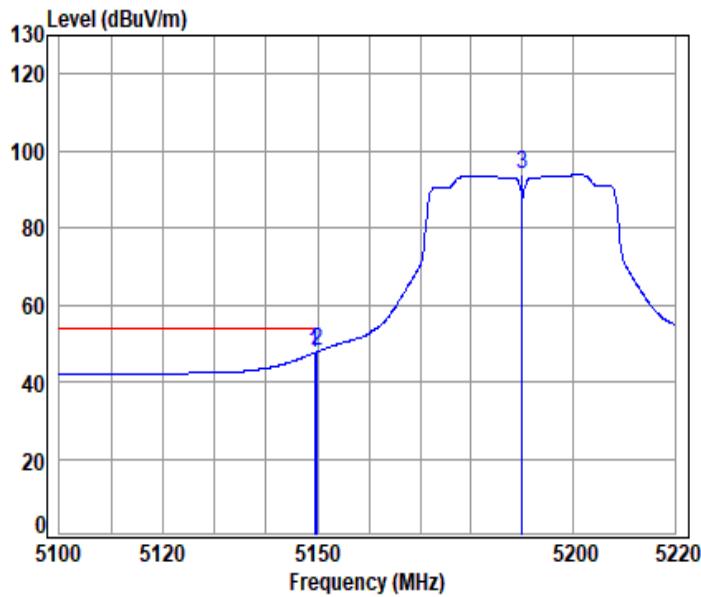
Mode : 5190 Band edge

: 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5148.982	10.14	32.40	30.55	51.49	63.48	74.00 -10.52 peak
2	5149.980	10.14	32.40	30.55	49.42	61.41	74.00 -12.59 peak
3 pp	5190.000	10.29	32.48	30.56	90.85	103.06	68.20 34.86 peak



11ac\_VHT(40M)\_TX\_CH\_38\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5190 Band edge

: 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.461	10.14	32.40	30.55	35.62	47.61	54.00
2 pp	5149.980	10.14	32.40	30.55	35.98	47.97	54.00
3	5190.000	10.29	32.48	30.56	81.51	93.72	-----

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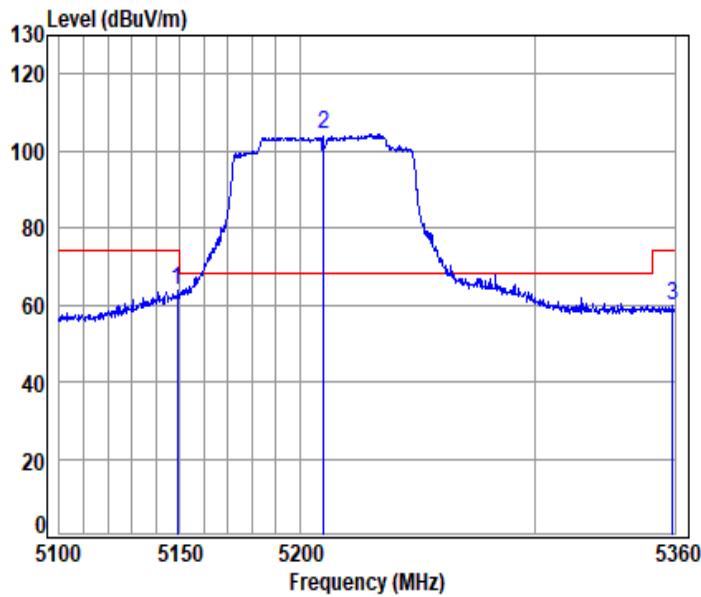
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## 11ac\_VHT(80M)\_TX\_CH\_42\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.922	10.14	32.40	30.55	51.62	63.61	74.00 -10.39 peak
2 pp	5210.000	10.32	32.52	30.57	92.07	104.34	68.20 36.14 peak
3	5359.201	10.48	32.80	30.61	47.08	59.75	74.00 -14.25 peak

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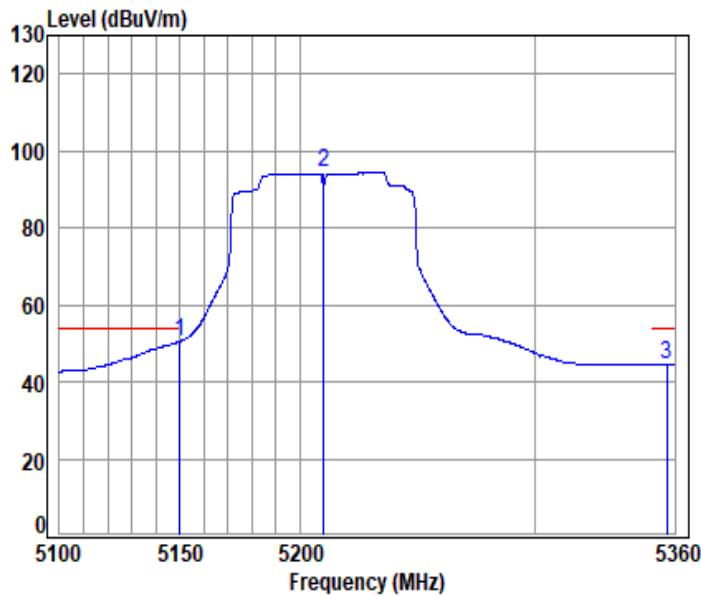
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11ac\_VHT(80M)\_TX\_CH\_42\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1 pp	5149.947	10.14	32.40	30.55	38.50	50.49	54.00	-3.51 Average
2	5210.000	10.32	32.52	30.57	82.08	94.35	-----	----- Average
3	5356.537	10.47	32.80	30.61	31.83	44.49	54.00	-9.51 Average

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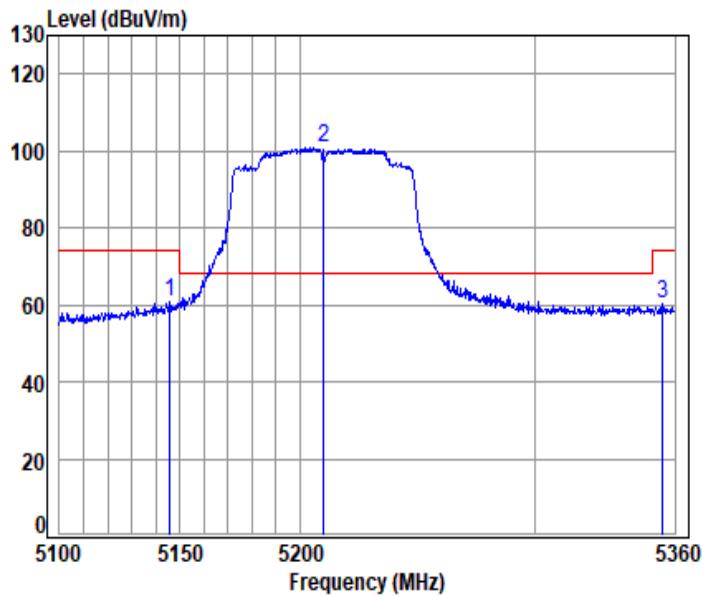
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## 11ac\_VHT(80M)\_TX\_CH\_42\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5145.851	10.12	32.39	30.55	48.70	60.66	74.00 -13.34 peak
2	pp 5210.000	10.32	32.52	30.57	88.49	100.76	68.20 32.56 peak
3	5354.938	10.47	32.80	30.61	47.41	60.07	74.00 -13.93 peak

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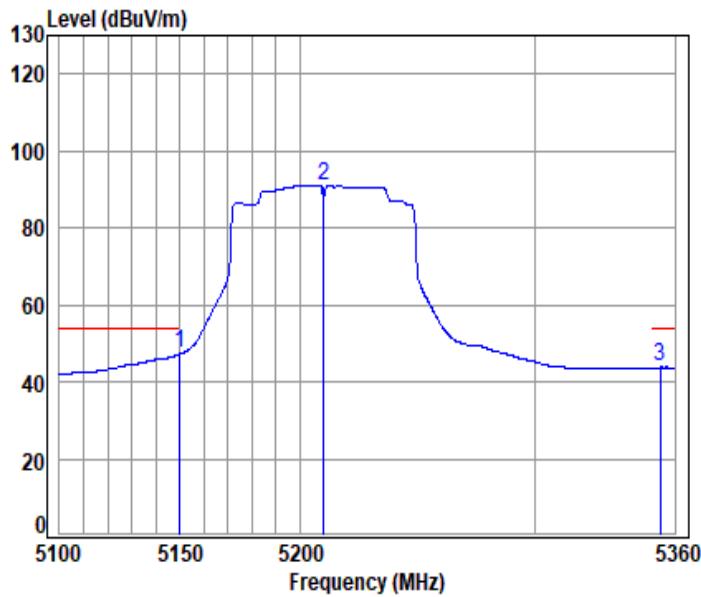
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11ac\_VHT(80M)\_TX\_CH\_42\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read		Limit Line	Over Limit	Remark
				Level	Level			
1 pp	5149.947	10.14	32.40	30.55	35.30	47.29	54.00	-6.71 Average
2	5210.000	10.32	32.52	30.57	78.91	91.18	-----	----- Average
3	5353.874	10.46	32.80	30.61	31.11	43.76	54.00	-10.24 Average

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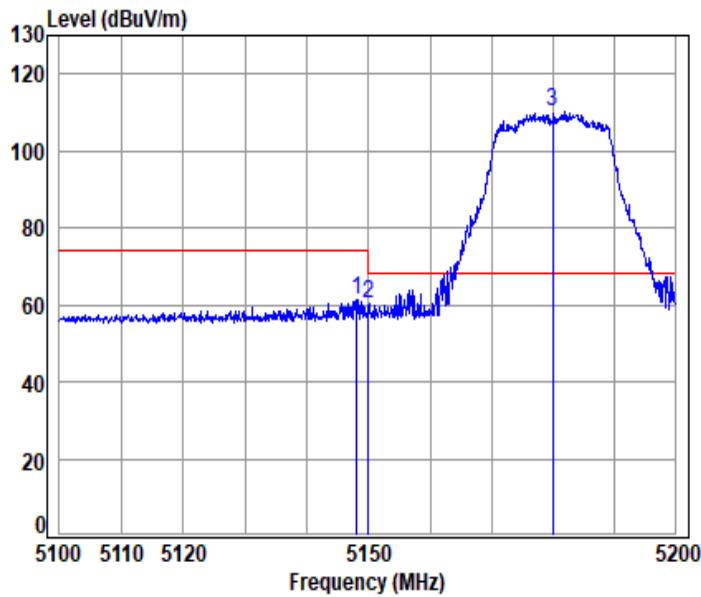
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## 11ax\_20M\_TX\_CH\_36\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5180 Band edge  
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level	Level	dBuV/m	dBuV/m
1 5148.058	10.13	32.40	30.55	49.33	61.31	74.00	-12.69 peak
2 5149.980	10.14	32.40	30.55	48.44	60.43	74.00	-13.57 peak
3 pp 5180.000	10.25	32.46	30.56	98.01	110.16	68.20	41.96 peak

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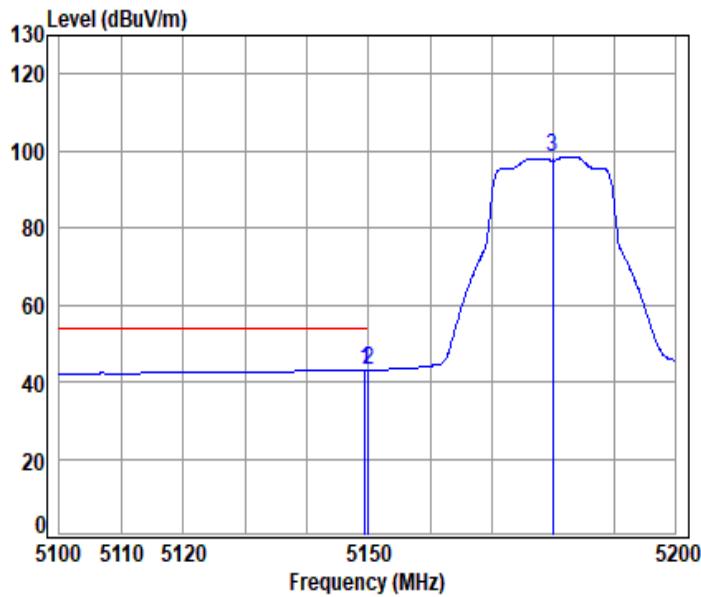
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11ax\_20M\_TX\_CH\_36\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5149.458	10.14	32.40	30.55	31.10	43.09	54.00 -10.91 Average
2 pp	5149.980	10.14	32.40	30.55	31.13	43.12	54.00 -10.88 Average
3	5180.000	10.25	32.46	30.56	86.08	98.23	----- ----- Average

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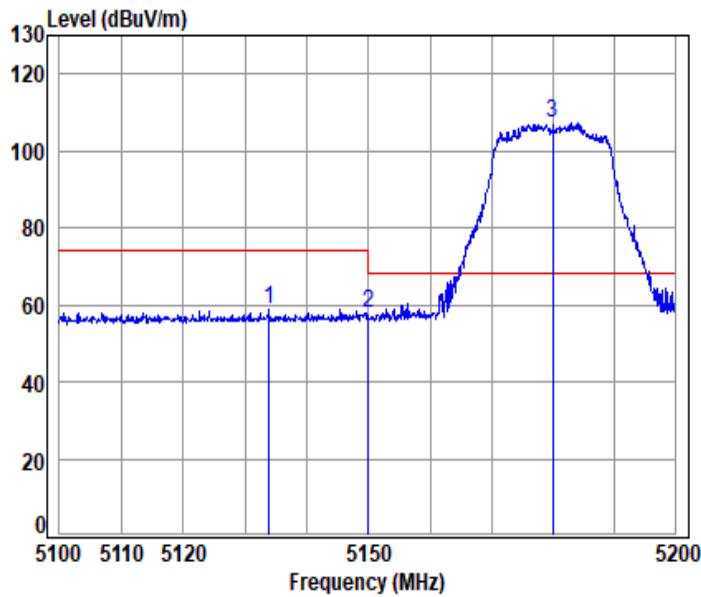
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11ax\_20M\_TX\_CH\_36\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5133.882	10.08	32.37	30.54	46.78	58.69	74.00 -15.31 peak
2	5149.980	10.14	32.40	30.55	45.69	57.68	74.00 -16.32 peak
3 pp	5180.000	10.25	32.46	30.56	94.99	107.14	68.20 38.94 peak

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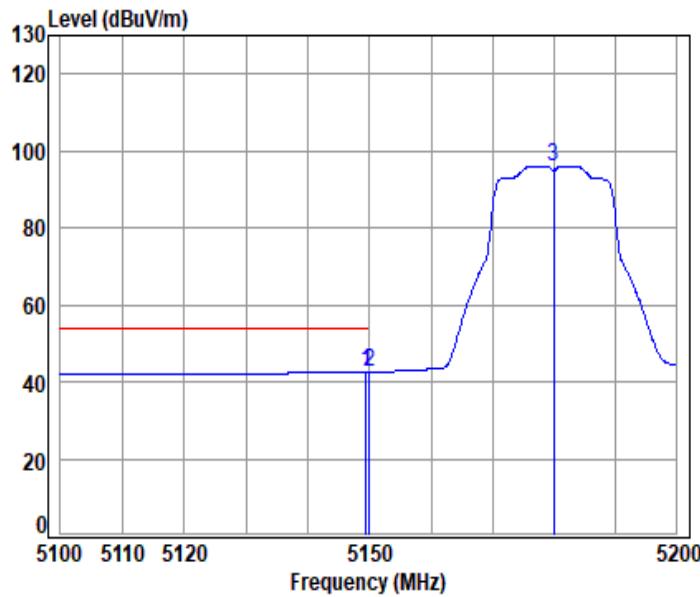
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11ax\_20M\_TX\_CH\_36\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

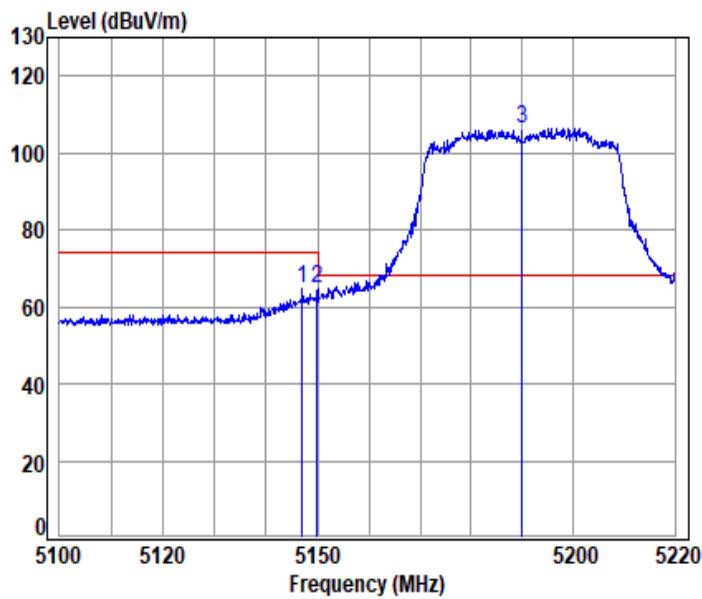
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5149.458	10.14	32.40	30.55	30.53	42.52	54.00 -11.48 Average
2 pp	5149.980	10.14	32.40	30.55	30.57	42.56	54.00 -11.44 Average
3	5180.000	10.25	32.46	30.56	83.79	95.94	----- ----- Average



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11ax\_40M\_TX\_CH\_38\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5190 Band edge  
: 5G Wi-Fi 11ax40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5147.067	10.13	32.39	30.55	52.78	64.75	74.00	-9.25 peak
2 5149.980	10.14	32.40	30.55	52.88	64.87	74.00	-9.13 peak
3 pp 5190.000	10.29	32.48	30.56	94.26	106.47	68.20	38.27 peak

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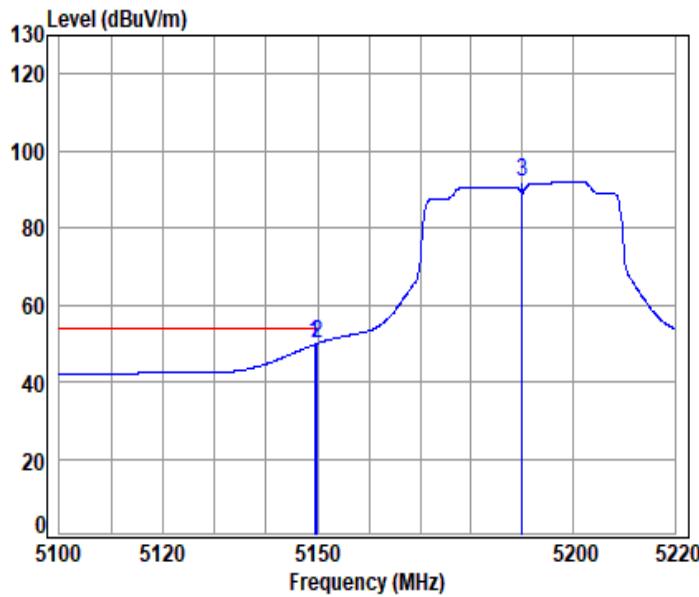
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11ax\_40M\_TX\_CH\_38\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.461	10.14	32.40	30.55	37.74	49.73	54.00
2 pp	5149.980	10.14	32.40	30.55	38.10	50.09	54.00
3	5190.000	10.29	32.48	30.56	79.81	92.02	-----

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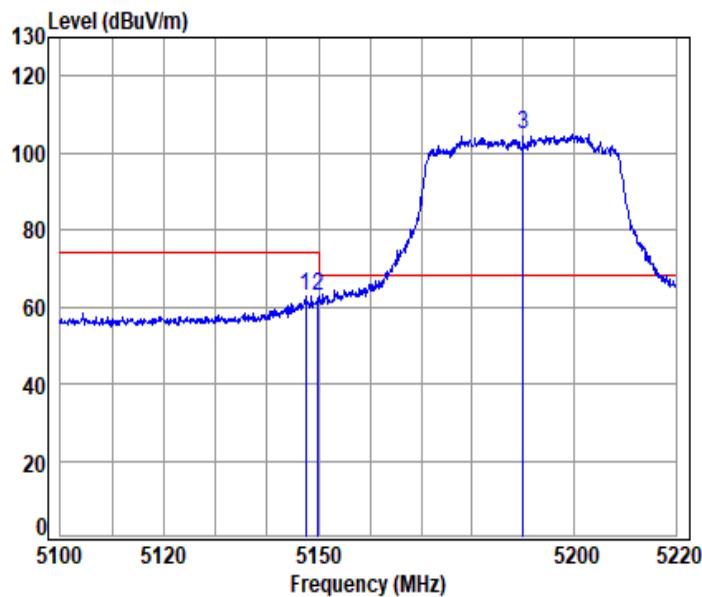
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11ax\_40M\_TX\_CH\_38\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5147.426	10.13	32.39	30.55	50.71	62.68	74.00 -11.32 peak
2	5149.980	10.14	32.40	30.55	51.00	62.99	74.00 -11.01 peak
3 pp	5190.000	10.29	32.48	30.56	92.69	104.90	68.20 36.70 peak

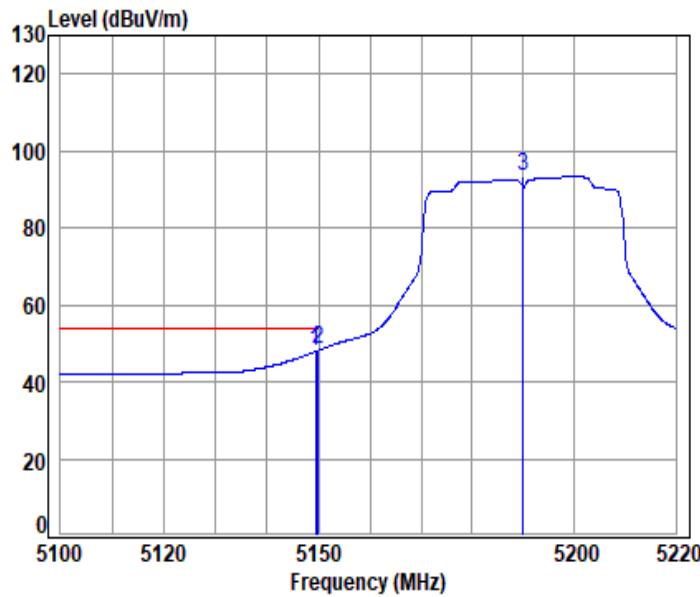
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11ax\_40M\_TX\_CH\_38\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.461	10.14	32.40	30.55	35.92	47.91	54.00
2 pp	5149.980	10.14	32.40	30.55	36.27	48.26	54.00
3	5190.000	10.29	32.48	30.56	81.04	93.25	-----

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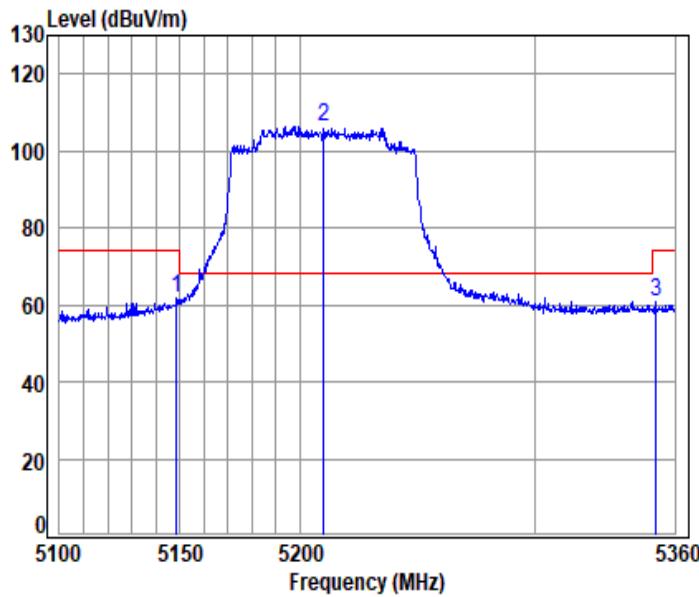
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## 11ax\_80M\_TX\_CH\_42\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80

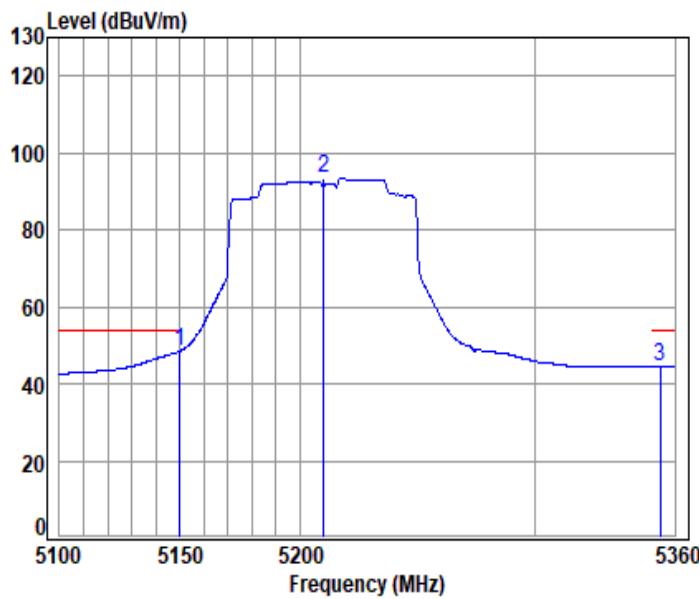
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.410	10.13	32.40	30.55	49.78	61.76	74.00 -12.24 peak
2 pp	5210.000	10.32	32.52	30.57	94.14	106.41	68.20 38.21 peak
3	5351.744	10.46	32.80	30.61	48.17	60.82	74.00 -13.18 peak



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11ax\_80M\_TX\_CH\_42\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dBuV	dBuV/m	dB	
1 pp	5149.947	10.14	32.40	30.55	36.60	48.59	54.00	-5.41	Average
2	5210.000	10.32	32.52	30.57	81.04	93.31	-----	-----	Average
3	5353.607	10.46	32.80	30.61	31.89	44.54	54.00	-9.46	Average

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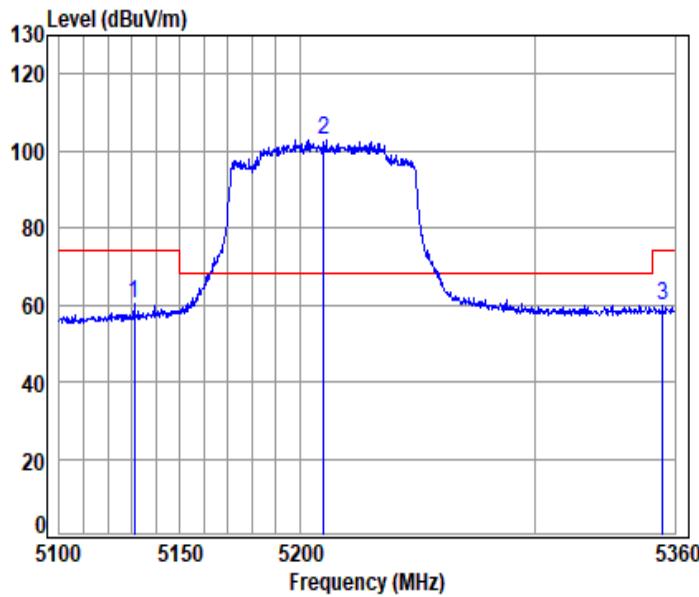
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## 11ax\_80M\_TX\_CH\_42\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5131.032	10.07	32.36	30.54	48.25	60.14	74.00 -13.86 peak
2	pp 5210.000	10.32	32.52	30.57	90.52	102.79	68.20 34.59 peak
3	5354.672	10.47	32.80	30.61	46.97	59.63	74.00 -14.37 peak

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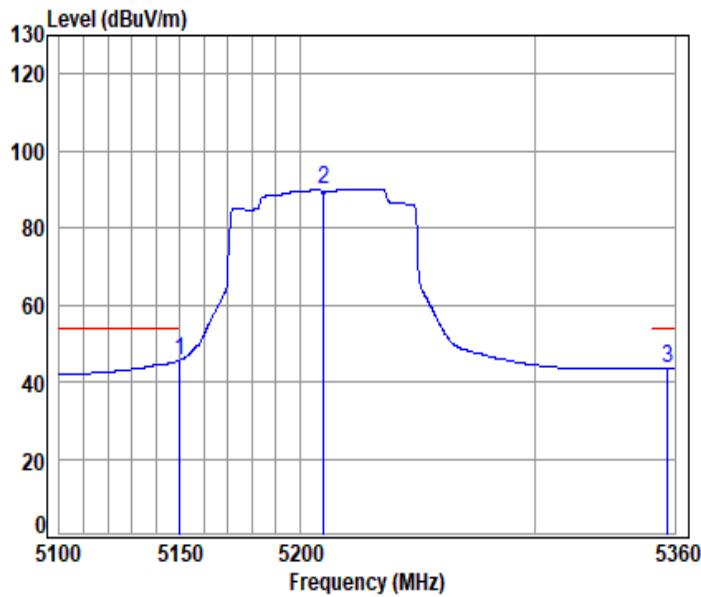
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11ax\_80M\_TX\_CH\_42\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1 pp	5149.947	10.14	32.40	30.55	33.71	45.70	54.00	-8.30 Average
2	5210.000	10.32	32.52	30.57	77.77	90.04	-----	----- Average
3	5356.803	10.47	32.80	30.61	31.04	43.70	54.00	-10.30 Average

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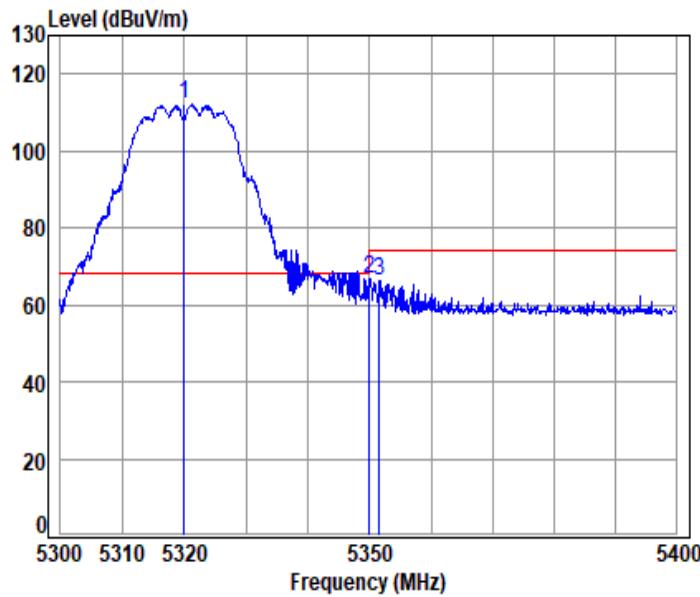
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## 11a\_TX\_CH\_64\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5320 Band edge  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5320.000	10.35	32.74	30.60	99.48	111.97	68.20	43.77	peak
2	5350.020	10.45	32.80	30.61	54.28	66.92	74.00	-7.08	peak
3	5351.566	10.46	32.80	30.61	53.70	66.35	74.00	-7.65	peak

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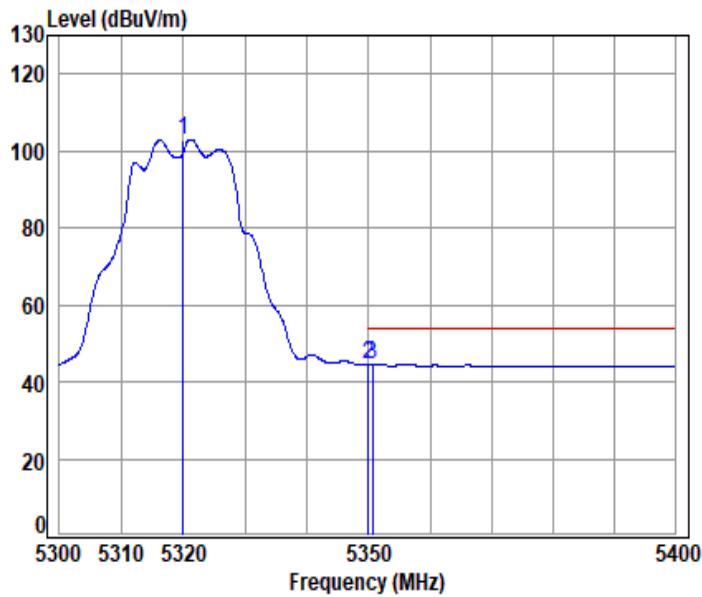
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## 11a\_TX\_CH\_64\_Horizontal-Avg

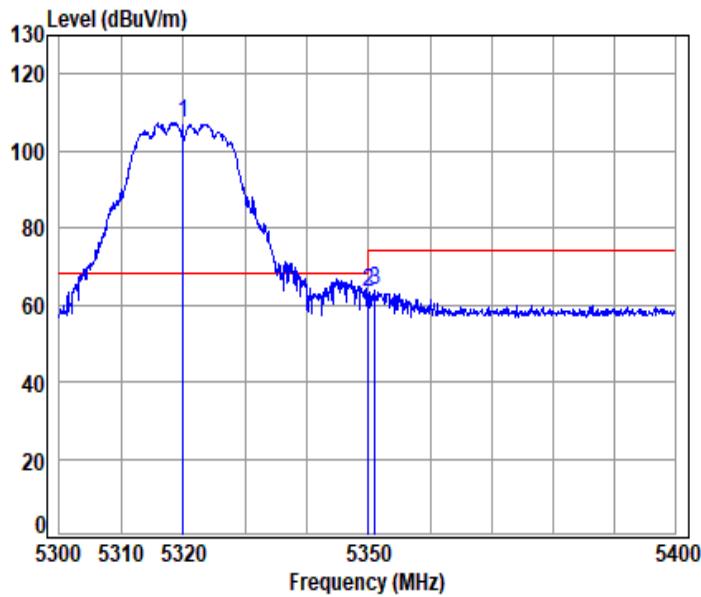


Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5320 Band edge  
: 5G Wi-Fi 11a

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	10.35	32.74	30.60	90.47	102.96	-----	----- Average
2	5350.020	10.45	32.80	30.61	31.94	44.58	54.00	-9.42 Average
3 pp	5350.667	10.45	32.80	30.61	31.96	44.60	54.00	-9.40 Average



## 11a\_TX\_CH\_64\_Vertical-Peak



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5320 Band edge  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5320.000	10.35	32.74	30.60	94.89	107.38	68.20	39.18	peak
2	5350.020	10.45	32.80	30.61	50.49	63.13	74.00	-10.87	peak
3	5351.066	10.45	32.80	30.61	51.12	63.76	74.00	-10.24	peak

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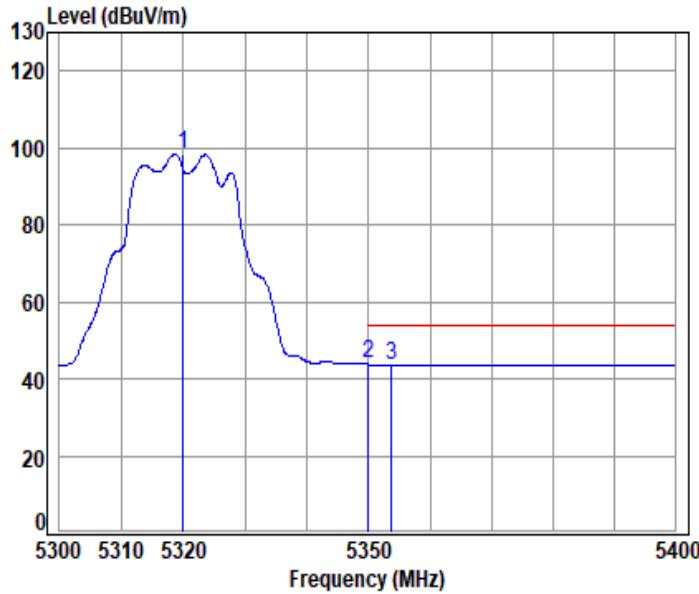
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11a\_TX\_CH\_64\_Vertical-Avg



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5320 Band edge  
: 5G Wi-Fi 11a

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Line	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	10.35	32.74	30.60	85.76	98.25	-----	Average
2 pp	5350.020	10.45	32.80	30.61	31.11	43.75	54.00	-10.25 Average
3	5353.768	10.46	32.80	30.61	31.08	43.73	54.00	-10.27 Average

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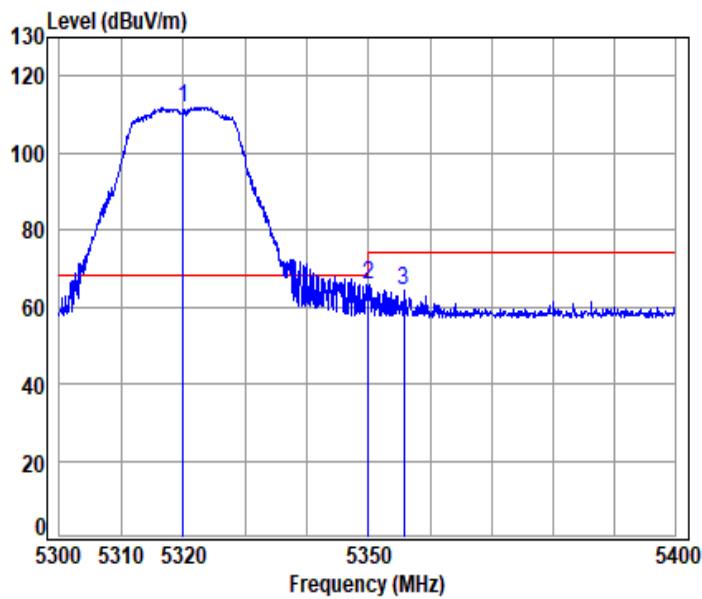
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11ac\_VHT(20M)\_TX\_CH\_64\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5320 Band edge  
: 5G Wi-Fi 11ac20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5320.000	10.35	32.74	30.60	99.37	111.86	68.20	43.66	peak
2	5350.020	10.45	32.80	30.61	53.34	65.98	74.00	-8.02	peak
3	5355.770	10.47	32.80	30.61	51.67	64.33	74.00	-9.67	peak

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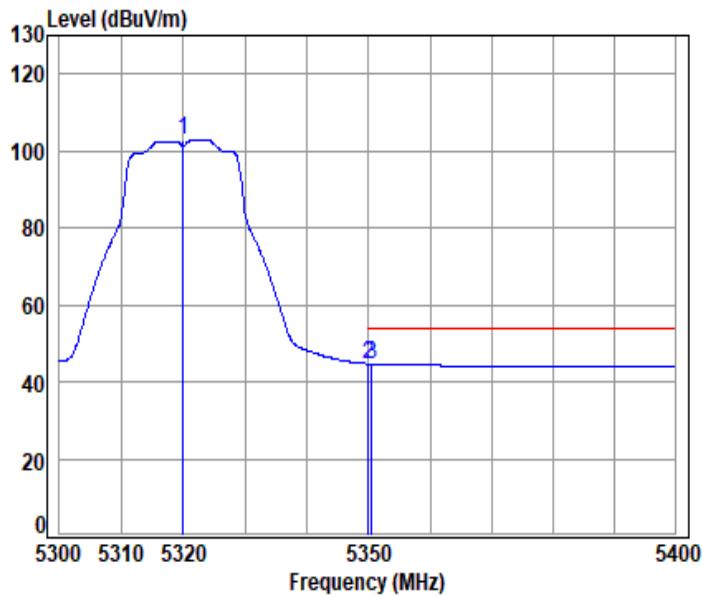
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11ac\_VHT(20M)\_TX\_CH\_64\_Horizontal-Avg



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5320 Band edge  
: 5G Wi-Fi 11ac20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	10.35	32.74	30.60	90.26	102.75	-----	----- Average
2 pp	5350.020	10.45	32.80	30.61	32.00	44.64	54.00	-9.36 Average
3	5350.566	10.45	32.80	30.61	31.88	44.52	54.00	-9.48 Average

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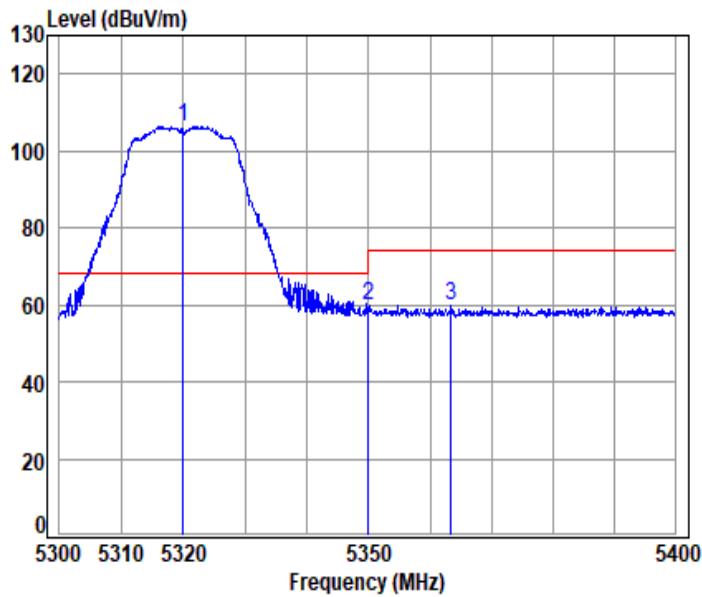
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## 11ac\_VHT(20M)\_TX\_CH\_64\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5320 Band edge

: 5G Wi-Fi 11ac20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5320.000	10.35	32.74	30.60	93.79	106.28	68.20
2	5350.020	10.45	32.80	30.61	46.98	59.62	74.00
3	5363.484	10.50	32.80	30.62	47.03	59.71	74.00

38.08 peak  
-14.38 peak  
-14.29 peak

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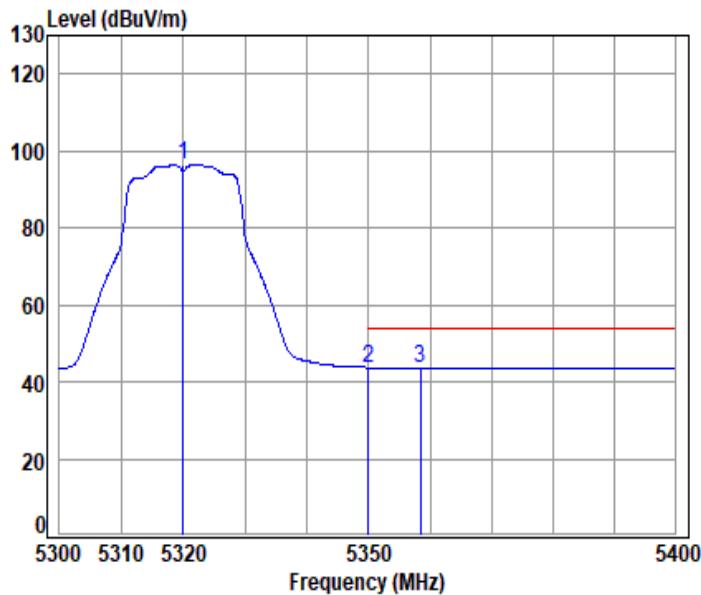
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11ac\_VHT(20M)\_TX\_CH\_64\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5320 Band edge

: 5G Wi-Fi 11ac20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5320.000	10.35	32.74	30.60	83.72	96.21	----- Average
2	5350.020	10.45	32.80	30.61	31.02	43.66	54.00 -10.34 Average
3 pp	5358.373	10.48	32.80	30.61	31.02	43.69	54.00 -10.31 Average

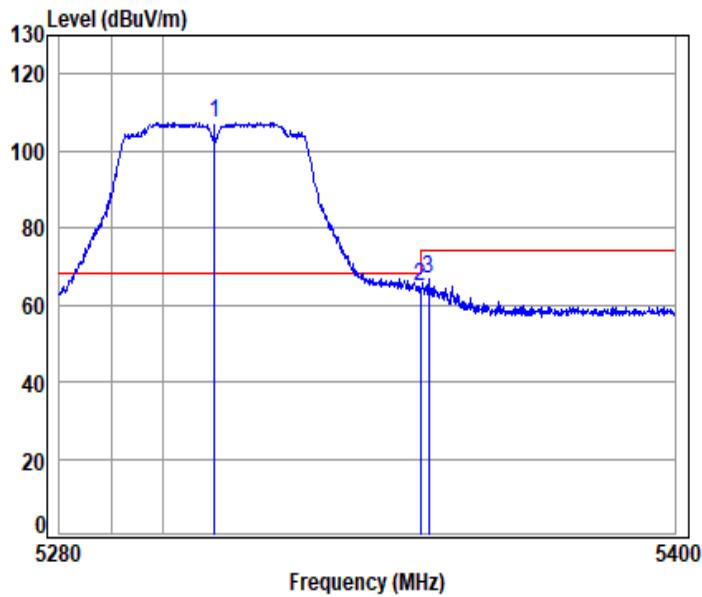
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11ac\_VHT(40M)\_TX\_CH\_62\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5310 Band edge  
: 5G Wi-Fi 11ac40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5310.000	10.31	32.72	30.60	95.06	107.49	68.20	39.29	peak
2	5350.020	10.45	32.80	30.61	52.04	64.68	74.00	-9.32	peak
3	5351.676	10.46	32.80	30.61	54.32	66.97	74.00	-7.03	peak

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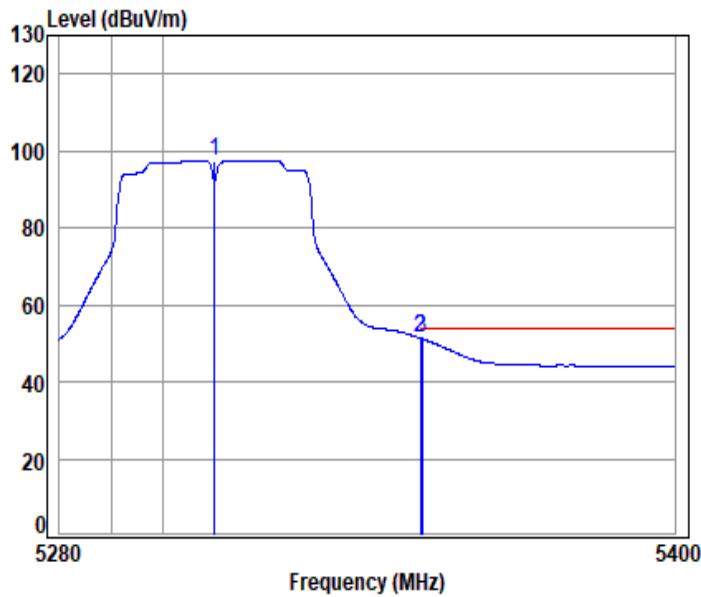
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11ac\_VHT(40M)\_TX\_CH\_62\_Horizontal-Avg



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5310 Band edge  
: 5G Wi-Fi 11ac40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5310.000	10.31	32.72	30.60	85.13	97.56	-----	----- Average
2 pp	5350.020	10.45	32.80	30.61	38.83	51.47	54.00	-2.53 Average
3	5350.474	10.45	32.80	30.61	38.54	51.18	54.00	-2.82 Average

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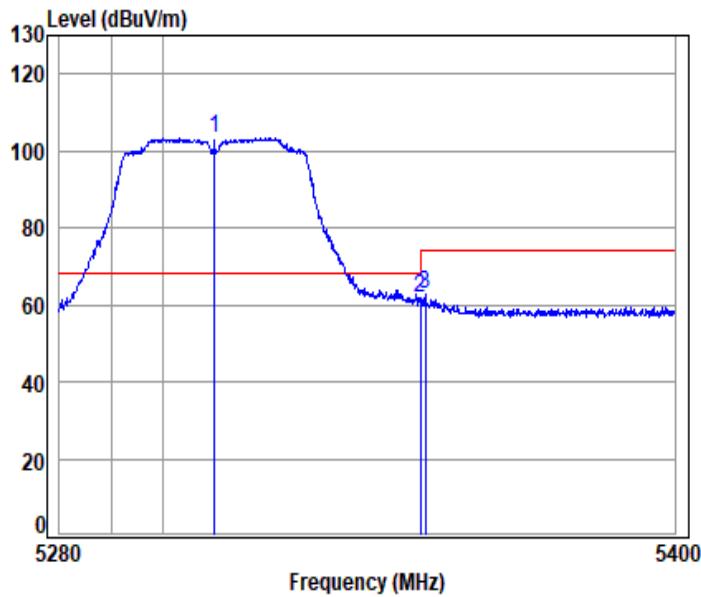
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11ac\_VHT(40M)\_TX\_CH\_62\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5310 Band edge

: 5G Wi-Fi 11ac40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5310.000	10.31	32.72	30.60	91.12	103.55	68.20	35.35	peak
2	5350.020	10.45	32.80	30.61	49.23	61.87	74.00	-12.13	peak
3	5351.075	10.45	32.80	30.61	49.93	62.57	74.00	-11.43	peak

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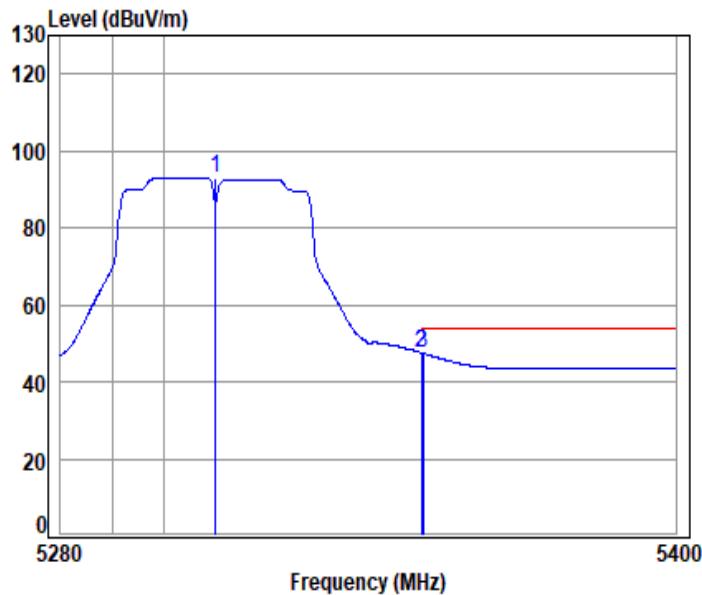
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11ac\_VHT(40M)\_TX\_CH\_62\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5310 Band edge

: 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5310.000	10.31	32.72	30.60	80.58	93.01	----- Average
2 pp	5350.020	10.45	32.80	30.61	35.02	47.66	54.00 -6.34 Average
3	5350.474	10.45	32.80	30.61	34.75	47.39	54.00 -6.61 Average

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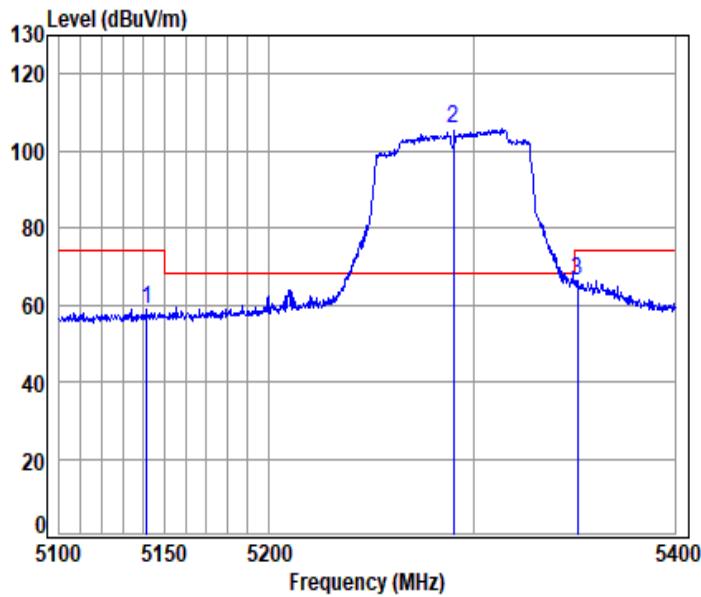
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## 11ac\_VHT(80M)\_TX\_CH\_58\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5141.563	10.11	32.38	30.55	46.94	58.88	74.00 -15.12 peak
2 pp	5290.000	10.28	32.68	30.59	93.41	105.78	68.20 37.58 peak
3	5351.452	10.45	32.80	30.61	53.50	66.14	74.00 -7.86 peak

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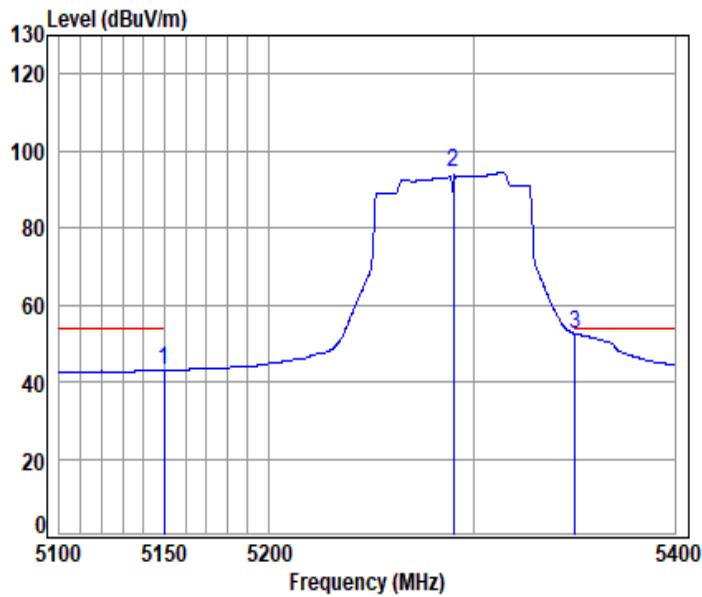
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11ac\_VHT(80M)\_TX\_CH\_58\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5149.798	10.14	32.40	30.55	31.10	43.09	54.00 -10.91 Average
2	5290.000	10.28	32.68	30.59	81.85	94.22	----- ----- Average
3 pp	5350.229	10.45	32.80	30.61	39.80	52.44	54.00 -1.56 Average

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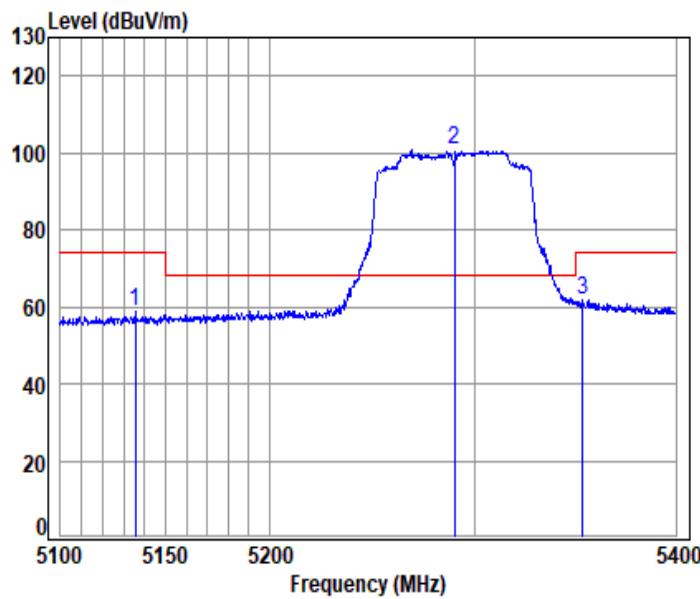
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## 11ac\_VHT(80M)\_TX\_CH\_58\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5135.688	10.09	32.37	30.54	46.67	58.59	74.00 -15.41 peak
2 pp	5290.000	10.28	32.68	30.59	88.31	100.68	68.20 32.48 peak
3	5353.594	10.46	32.80	30.61	49.07	61.72	74.00 -12.28 peak

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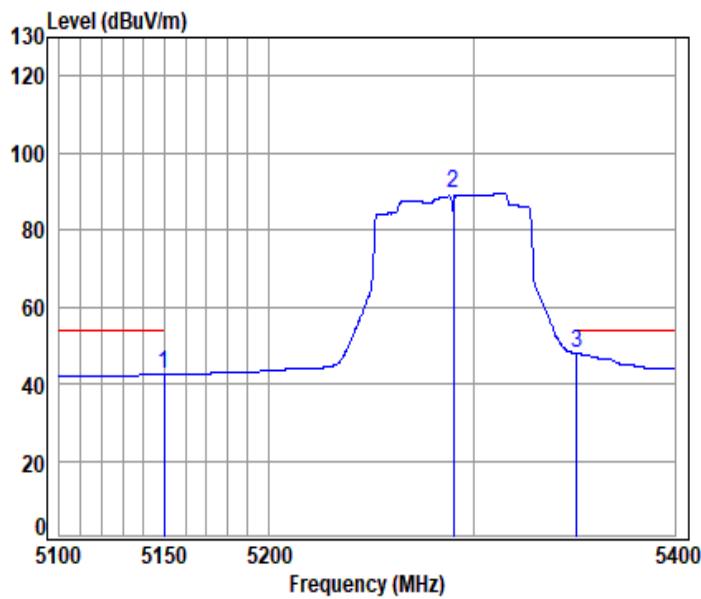
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11ac\_VHT(80M)\_TX\_CH\_58\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.798	10.14	32.40	30.55	30.52	42.51	54.00 -11.49 Average
2	5290.000	10.28	32.68	30.59	77.25	89.62 -----	----- Average
3 pp	5351.146	10.45	32.80	30.61	35.24	47.88	54.00 -6.12 Average

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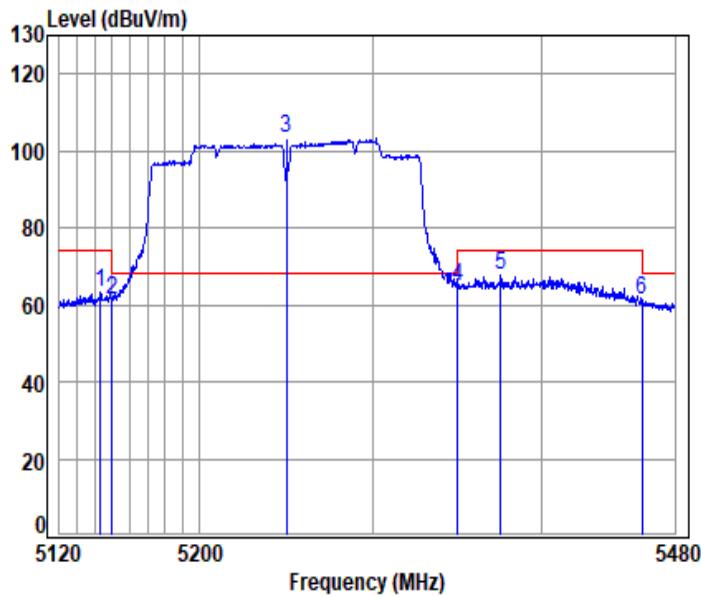
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## 11ac\_VHT(160M)\_TX\_CH\_50\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5250 Band edge  
: 5G Wi-Fi 11ac160

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV	dBuV/m	dBuV/m
1 5143.363	10.11	32.39	30.55	51.18	63.13	74.00	-10.87	peak
2 5149.980	10.14	32.40	30.55	49.09	61.08	74.00	-12.92	peak
3 pp 5250.000	10.31	32.60	30.58	90.74	103.07	68.20	34.87	peak
4 5350.200	10.45	32.80	30.61	52.27	64.91	74.00	-9.09	peak
5 5375.626	10.54	32.80	30.62	54.82	67.54	74.00	-6.46	peak
6 5459.980	10.60	32.90	30.64	48.51	61.37	74.00	-12.63	peak

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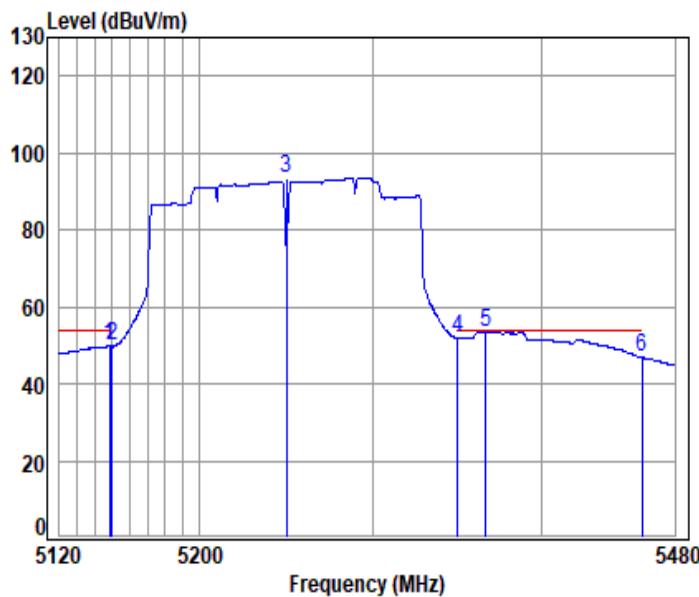
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## 11ac\_VHT(160M)\_TX\_CH\_50\_Horizontal-Avg



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5250 Band edge  
: 5G Wi-Fi 11ac160

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5148.608	10.13	32.40	30.55	37.91	49.89	54.00
2	5150.000	10.14	32.40	30.55	37.72	49.71	54.00
3	5250.000	10.31	32.60	30.58	81.11	93.44	-----
4	5350.000	10.45	32.80	30.61	39.12	51.76	54.00
5 pp	5366.867	10.51	32.80	30.62	40.65	53.34	54.00
6	5460.000	10.60	32.90	30.64	34.04	46.90	54.00
							-4.11 Average
							-4.29 Average
							----- Average
							-2.24 Average
							-0.66 Average
							-7.10 Average

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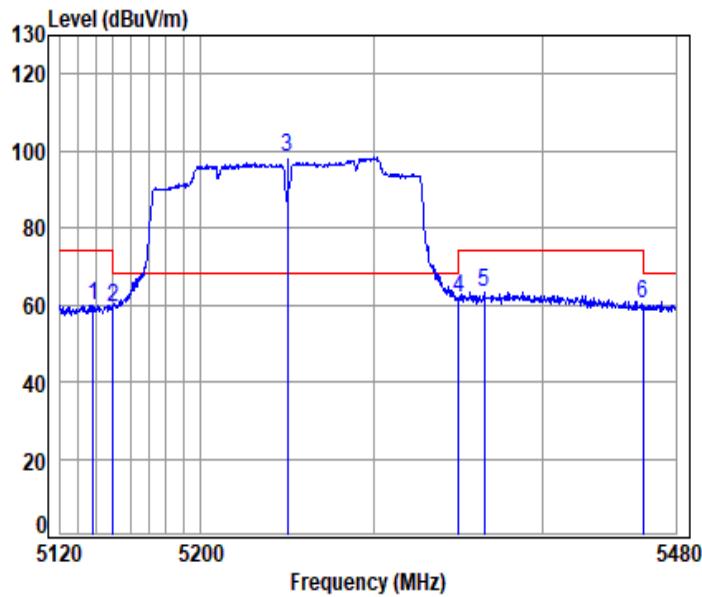
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11ac\_VHT(160M)\_TX\_CH\_50\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5250 Band edge

: 5G Wi-Fi 11ac160

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5138.472	10.10	32.38	30.54	47.70	59.64	74.00 -14.36 peak
2	5149.980	10.14	32.40	30.55	47.29	59.28	74.00 -14.72 peak
3 pp	5250.000	10.31	32.60	30.58	85.91	98.24	68.20 30.04 peak
4	5350.200	10.45	32.80	30.61	49.28	61.92	74.00 -12.08 peak
5	5365.408	10.50	32.80	30.62	50.76	63.44	74.00 -10.56 peak
6	5459.980	10.60	32.90	30.64	47.22	60.08	74.00 -13.92 peak

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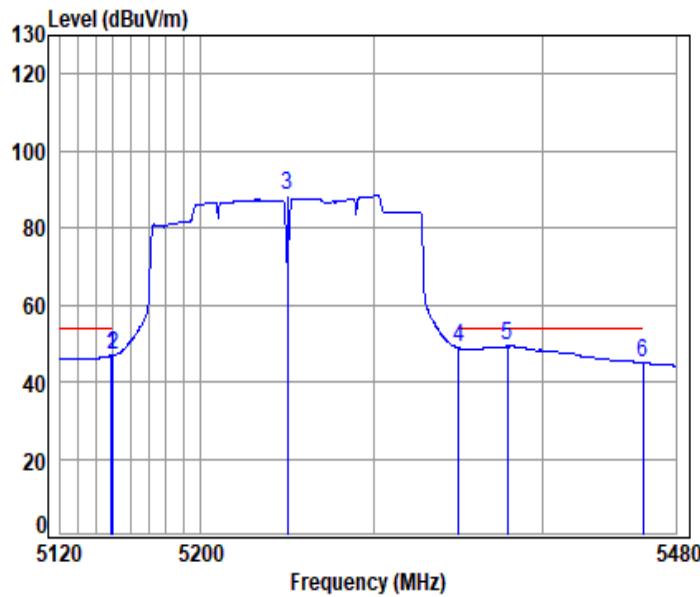
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## 11ac\_VHT(160M)\_TX\_CH\_50\_Vertical-Avg



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5250 Band edge  
: 5G Wi-Fi 11ac160

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	5148.958	10.14	32.40	30.55	34.84	46.83	54.00	-7.17	Average
2	5150.000	10.14	32.40	30.55	34.78	46.77	54.00	-7.23	Average
3	5250.000	10.31	32.60	30.58	76.09	88.42	-----	-----	Average
4	5350.000	10.45	32.80	30.61	36.14	48.78	54.00	-5.22	Average
5 pp	5379.280	10.55	32.80	30.62	36.50	49.23	54.00	-4.77	Average
6	5460.000	10.60	32.90	30.64	32.09	44.95	54.00	-9.05	Average

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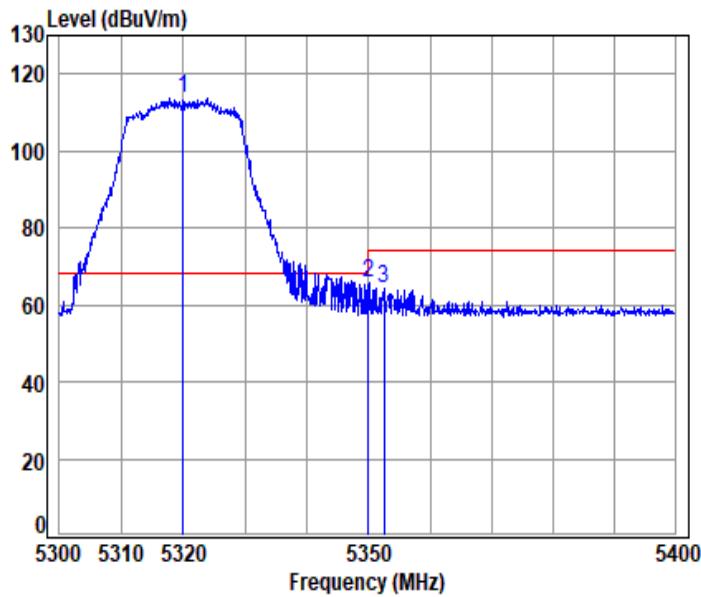
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11ax\_20M\_TX\_CH\_64\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5320 Band edge  
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5320.000	10.35	32.74	30.60	101.37	113.86	68.20
2	5350.020	10.45	32.80	30.61	52.91	65.55	74.00
3	5352.467	10.46	32.80	30.61	51.50	64.15	74.00

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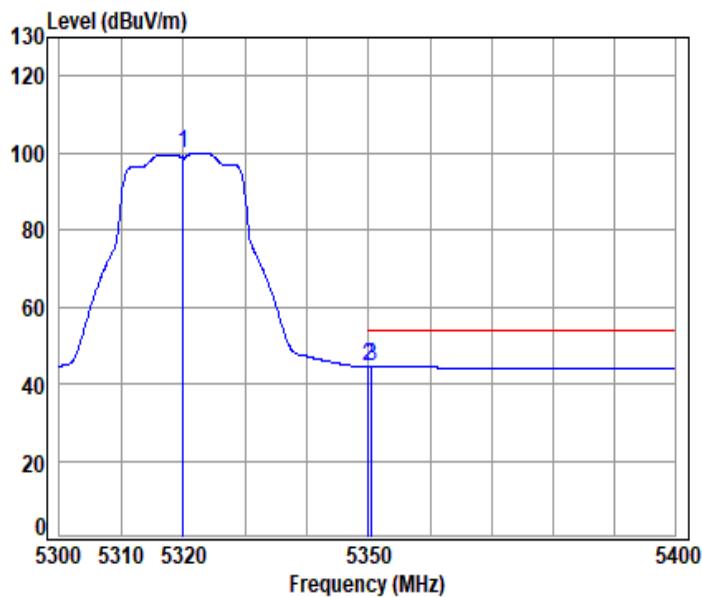
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11ax\_20M\_TX\_CH\_64\_Horizontal-Avg



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5320 Band edge  
: 5G Wi-Fi 11ax20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	10.35	32.74	30.60	87.31	99.80	-----	----- Average
2	5350.020	10.45	32.80	30.61	31.90	44.54	54.00	-9.46 Average
3 pp	5350.566	10.45	32.80	30.61	31.91	44.55	54.00	-9.45 Average



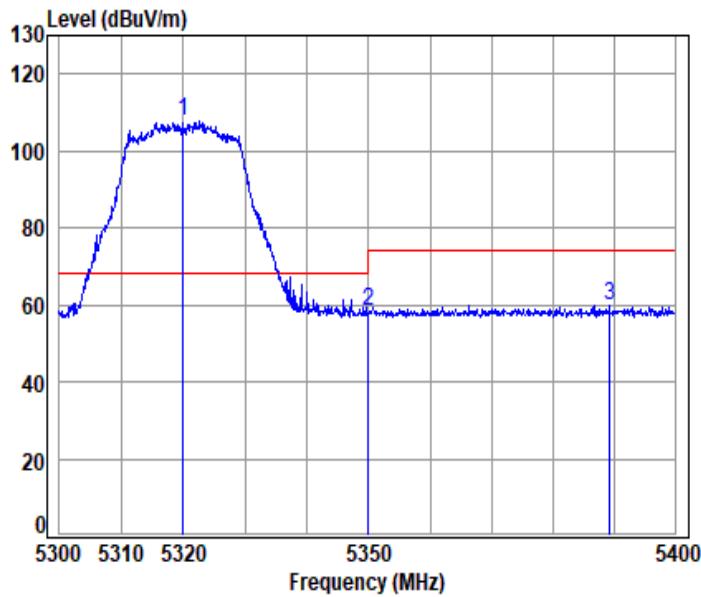
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11ax\_20M\_TX\_CH\_64\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5320.000	10.35	32.74	30.60	95.51	108.00	68.20	39.80	peak
2	5350.020	10.45	32.80	30.61	45.53	58.17	74.00	-15.83	peak
3	5389.311	10.58	32.80	30.62	47.22	59.98	74.00	-14.02	peak

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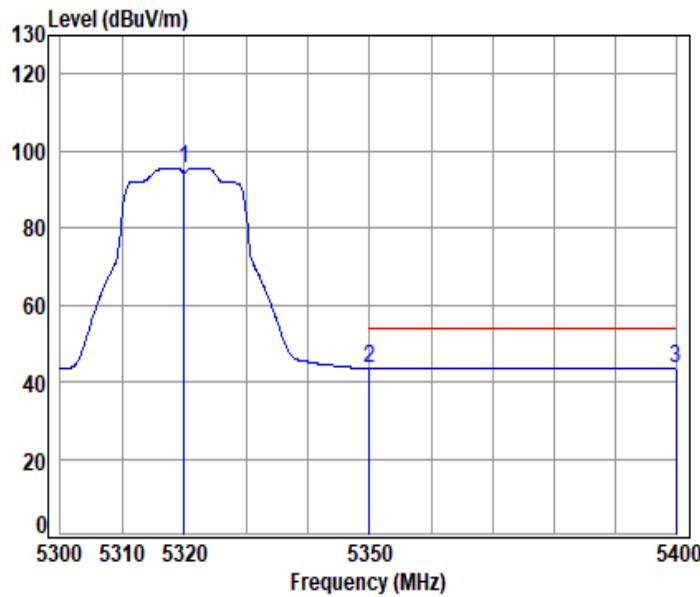
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11ax\_20M\_TX\_CH\_64\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20

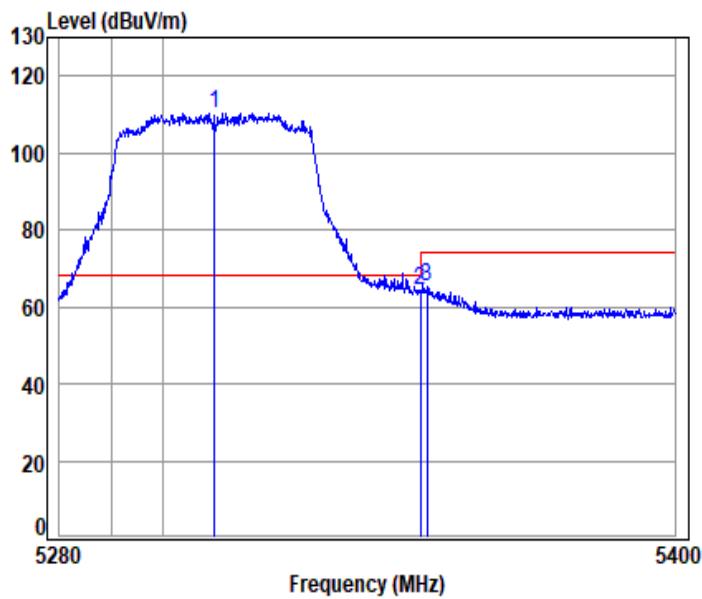
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5320.000	10.35	32.74	30.60	82.97	95.46	----- Average
2	5350.020	10.45	32.80	30.61	30.89	43.53	54.00 -10.47 Average
3 pp	5400.000	10.62	32.80	30.63	30.79	43.58	54.00 -10.42 Average



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11ax\_40M\_TX\_CH\_62\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5310 Band edge  
: 5G Wi-Fi 11ax40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5310.000	10.31	32.72	30.60	98.04	110.47	68.20	42.27	peak
2	5350.020	10.45	32.80	30.61	51.85	64.49	74.00	-9.51	peak
3	5351.315	10.45	32.80	30.61	52.56	65.20	74.00	-8.80	peak

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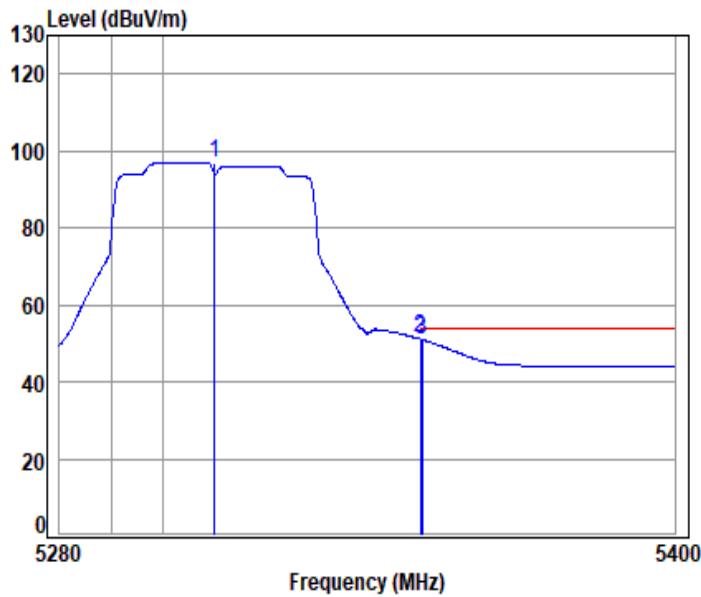
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11ax\_40M\_TX\_CH\_62\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40

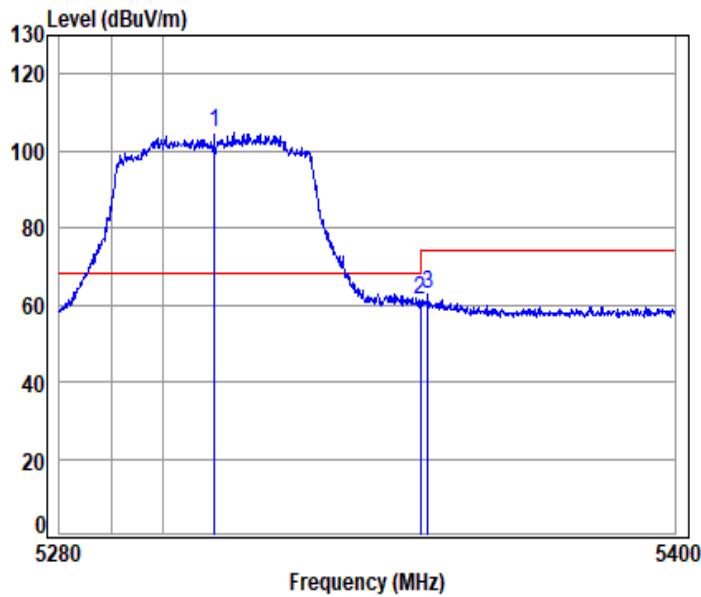
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5310.000	10.31	32.72	30.60	84.60	97.03	----- Average
2	pp 5350.020	10.45	32.80	30.61	38.56	51.20	54.00 -2.80 Average
3	5350.474	10.45	32.80	30.61	38.29	50.93	54.00 -3.07 Average



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11ax\_40M\_TX\_CH\_62\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5310.000	10.31	32.72	30.60	92.14	104.57	68.20	36.37	peak
2	5350.020	10.45	32.80	30.61	48.45	61.09	74.00	-12.91	peak
3	5351.556	10.46	32.80	30.61	50.21	62.86	74.00	-11.14	peak

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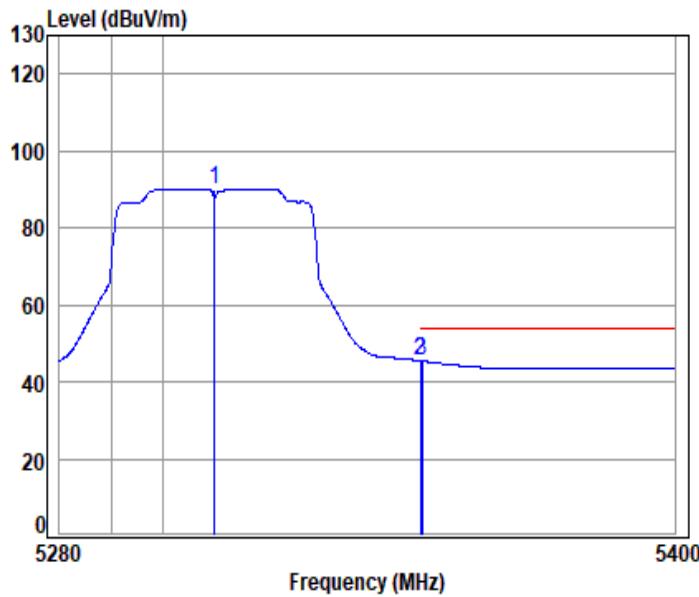
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11ax\_40M\_TX\_CH\_62\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5310.000	10.31	32.72	30.60	77.74	90.17	----- Average
2 pp	5350.020	10.45	32.80	30.61	32.87	45.51	54.00 -8.49 Average
3	5350.474	10.45	32.80	30.61	32.75	45.39	54.00 -8.61 Average

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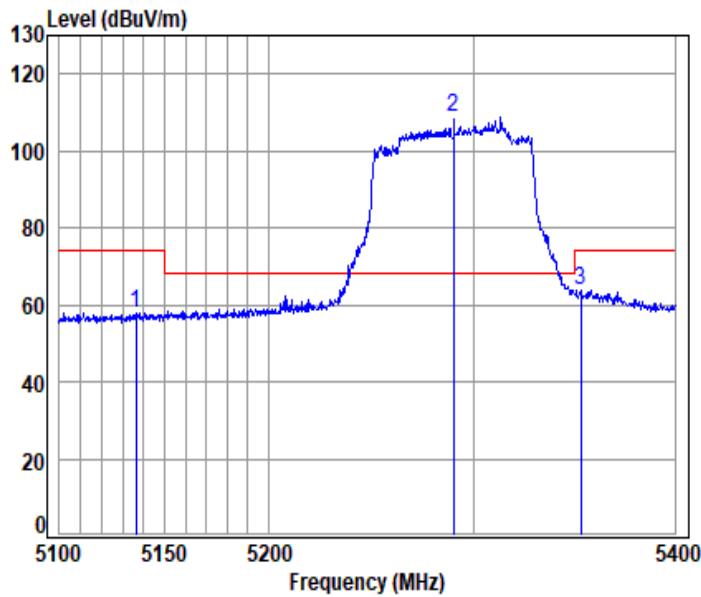
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11ax\_80M\_TX\_CH\_58\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5136.275	10.09	32.37	30.54	45.89	57.81	74.00 -16.19 peak
2 pp	5290.000	10.28	32.68	30.59	96.48	108.85	68.20 40.65 peak
3	5353.288	10.46	32.80	30.61	51.08	63.73	74.00 -10.27 peak

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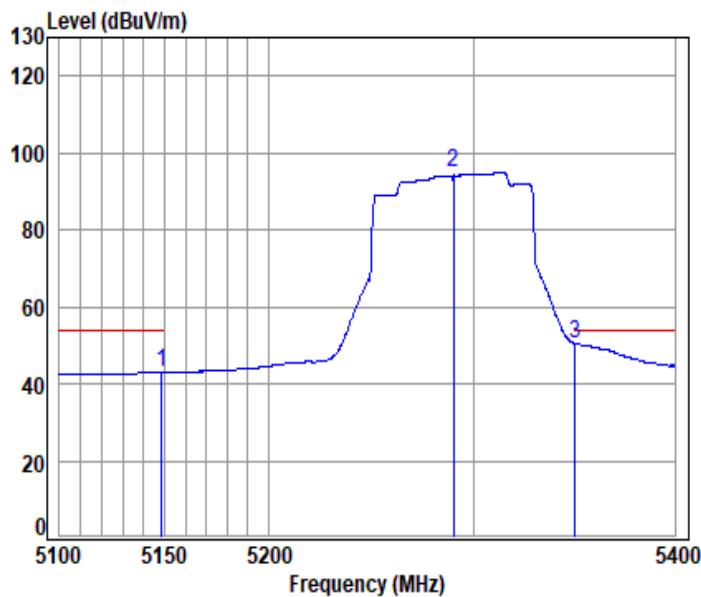
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11ax\_80M\_TX\_CH\_58\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5148.621	10.13	32.40	30.55	31.02	43.00	54.00 -11.00 Average
2	5290.000	10.28	32.68	30.59	82.44	94.81 -----	----- Average
3 pp	5350.229	10.45	32.80	30.61	37.84	50.48	54.00 -3.52 Average

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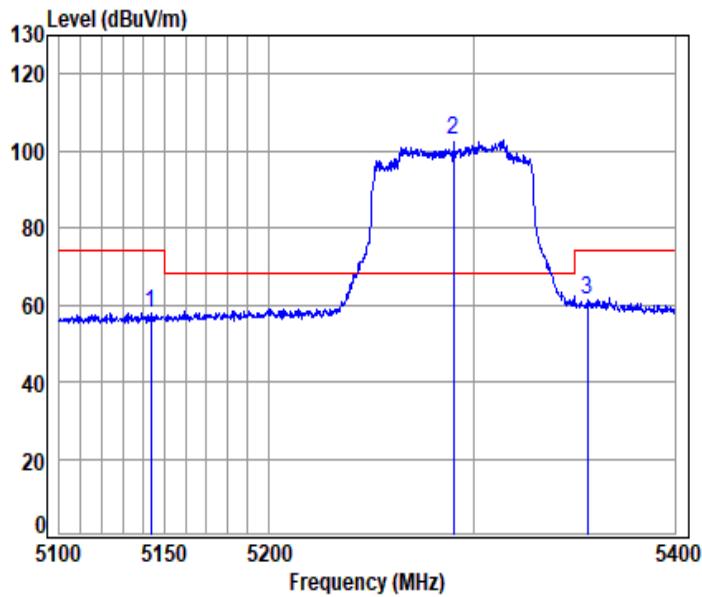
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11ax\_80M\_TX\_CH\_58\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5143.620	10.12	32.39	30.55	46.08	58.04	74.00 -15.96 peak
2 pp	5290.000	10.28	32.68	30.59	90.44	102.81	68.20 34.61 peak
3	5356.348	10.47	32.80	30.61	48.44	61.10	74.00 -12.90 peak

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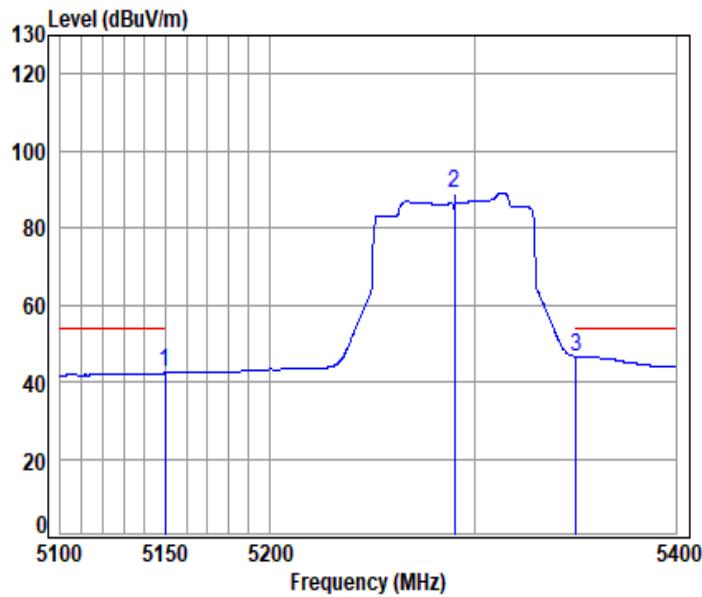
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11ax\_80M\_TX\_CH\_58\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5149.798	10.14	32.40	30.55	30.28	42.27	54.00 -11.73 Average
2	5290.000	10.28	32.68	30.59	76.51	88.88	----- ----- Average
3 pp	5350.229	10.45	32.80	30.61	34.02	46.66	54.00 -7.34 Average

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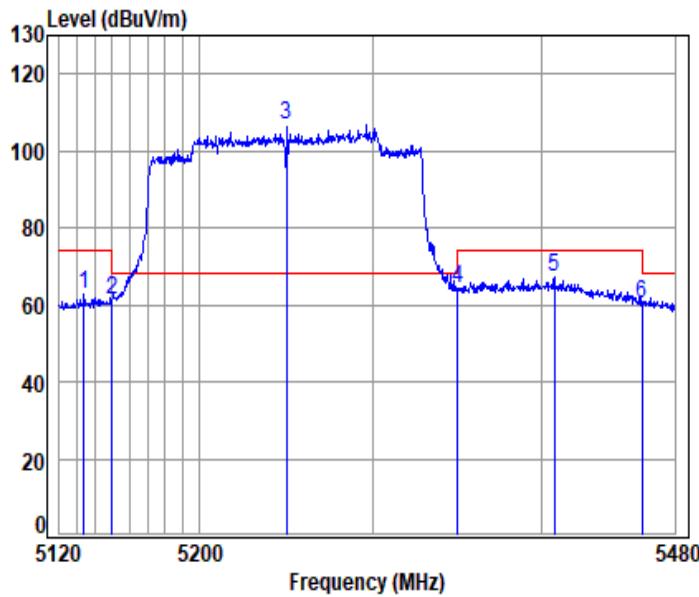
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## 11ax\_VHT(160M)\_TX\_CH\_50\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5250 Band edge  
: 5G Wi-Fi 11ax160

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV	dBuV/m	dBuV/m
1 5133.935	10.08	32.37	30.54	50.93	62.84	74.00	-11.16	peak
2 5149.980	10.14	32.40	30.55	49.54	61.53	74.00	-12.47	peak
3 pp 5250.000	10.31	32.60	30.58	94.26	106.59	68.20	38.39	peak
4 5350.200	10.45	32.80	30.61	51.60	64.24	74.00	-9.76	peak
5 5407.867	10.62	32.82	30.63	54.20	67.01	74.00	-6.99	peak
6 5459.980	10.60	32.90	30.64	47.55	60.41	74.00	-13.59	peak

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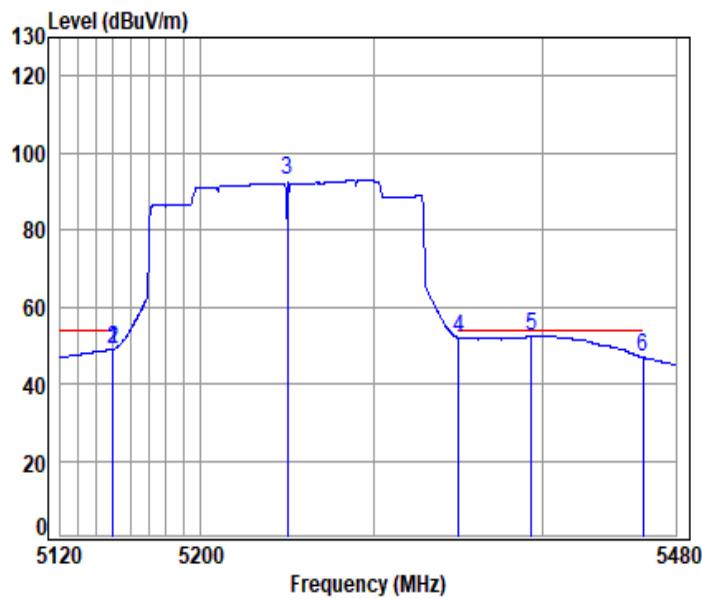
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## 11ax\_VHT(160M)\_TX\_CH\_50\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5250 Band edge

: 5G Wi-Fi 11ax160

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.658	10.14	32.40	30.55	37.04	49.03	54.00	-4.97 Average
2	5150.000	10.14	32.40	30.55	37.09	49.08	54.00	-4.92 Average
3	5250.000	10.31	32.60	30.58	80.60	92.93	-----	Average
4	5350.000	10.45	32.80	30.61	39.38	52.02	54.00	-1.98 Average
5 pp	5393.555	10.60	32.80	30.62	39.76	52.54	54.00	-1.46 Average
6	5460.000	10.60	32.90	30.64	34.05	46.91	54.00	-7.09 Average

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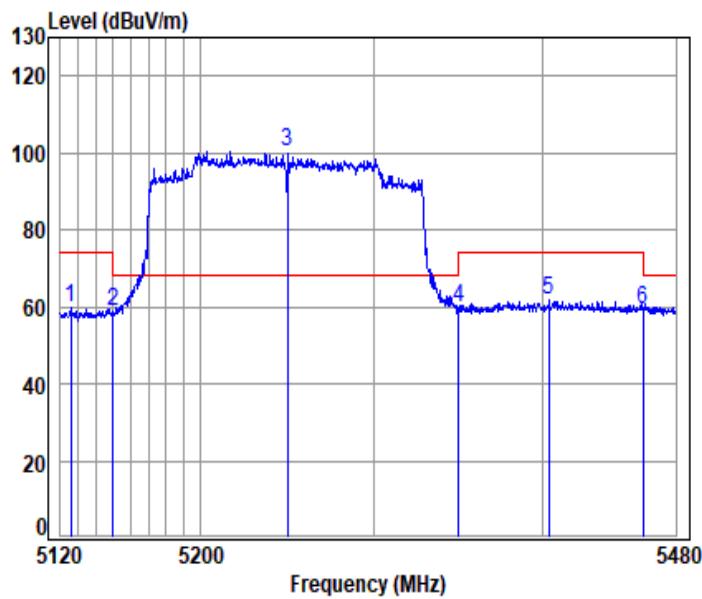
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## 11ax\_VHT(160M)\_TX\_CH\_50\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5250 Band edge

: 5G Wi-Fi 11ax160

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5125.918	10.05	32.35	30.54	48.10	59.96	74.00 -14.04 peak
2	5149.980	10.14	32.40	30.55	46.83	58.82	74.00 -15.18 peak
3 pp	5250.000	10.31	32.60	30.58	88.18	100.51	68.20 32.31 peak
4	5350.200	10.45	32.80	30.61	47.28	59.92	74.00 -14.08 peak
5	5403.826	10.62	32.81	30.63	48.96	61.76	74.00 -12.24 peak
6	5459.980	10.60	32.90	30.64	46.57	59.43	74.00 -14.57 peak

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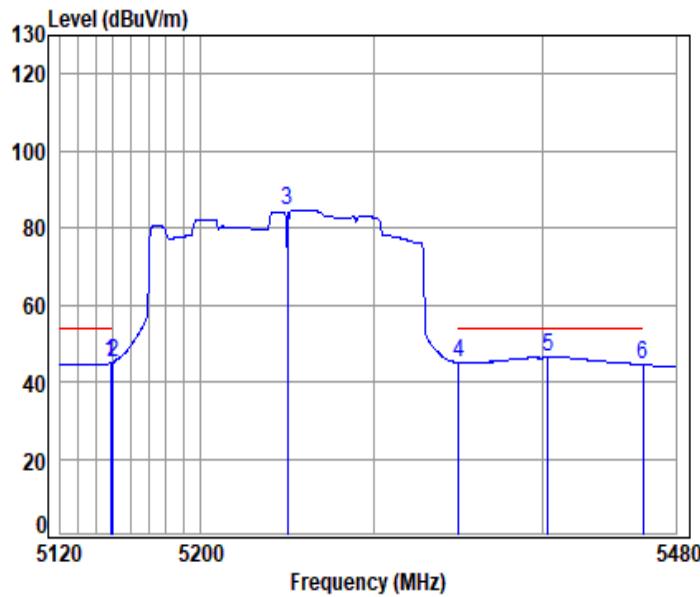
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11ax\_VHT(160M)\_TX\_CH\_50\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5250 Band edge

: 5G Wi-Fi 11ax160

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5148.608	10.13	32.40	30.55	32.85	44.83	54.00
2	5150.000	10.14	32.40	30.55	33.01	45.00	54.00
3	5250.000	10.31	32.60	30.58	72.24	84.57	-----
4	5350.000	10.45	32.80	30.61	32.28	44.92	54.00
5 pp	5403.092	10.62	32.81	30.63	33.59	46.39	54.00
6	5460.000	10.60	32.90	30.64	31.57	44.43	54.00

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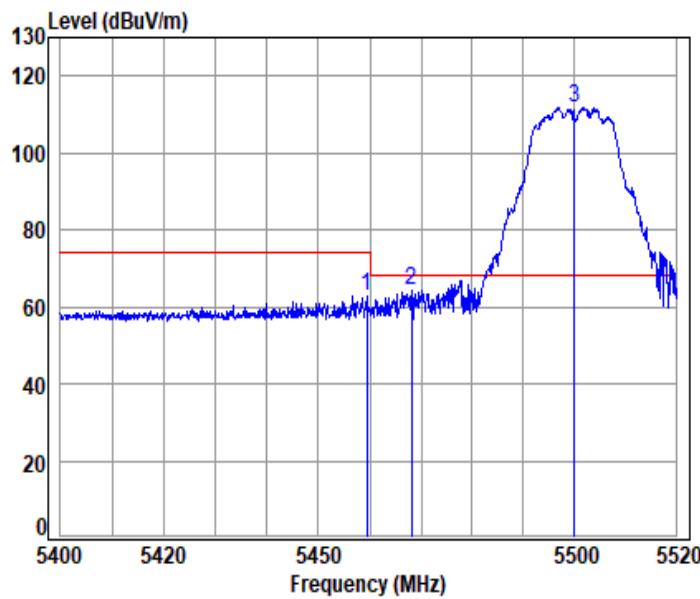
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## 11a\_TX\_CH\_100\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5500 Band edge  
: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5459.430	10.60	32.90	30.64	50.16	63.02	74.00 -10.98 peak
2	5468.197	10.59	32.90	30.65	51.39	64.23	68.20 -3.97 peak
3 pp	5500.000	10.58	32.90	30.66	98.89	111.71	68.20 43.51 peak

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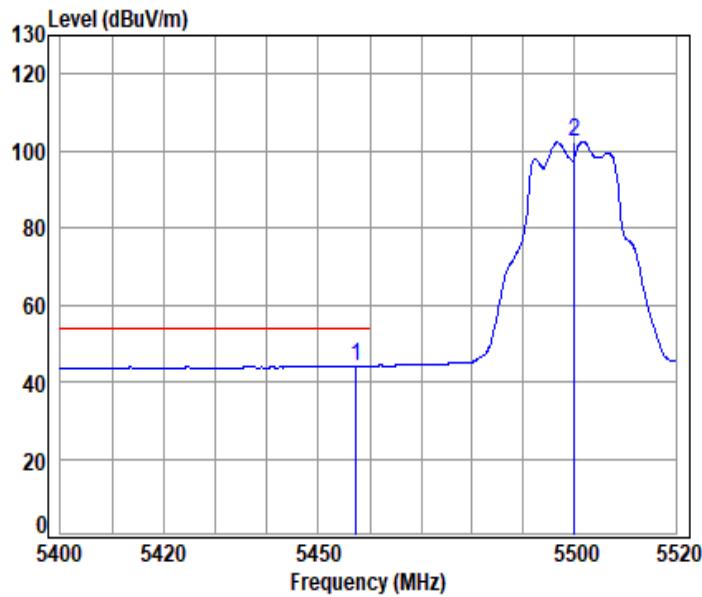
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## 11a\_TX\_CH\_100\_Horizontal-Avg



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5500 Band edge  
: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5457.391	10.60	32.90	30.64	31.21	44.07	54.00
2	5500.000	10.58	32.90	30.66	89.51	102.33	-----

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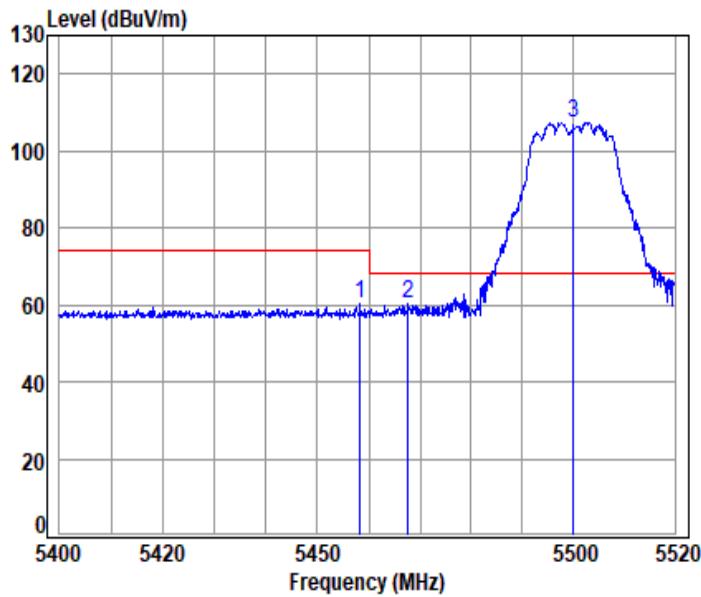
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## 11a\_TX\_CH\_100\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5500 Band edge

: 5G Wi-Fi 11a

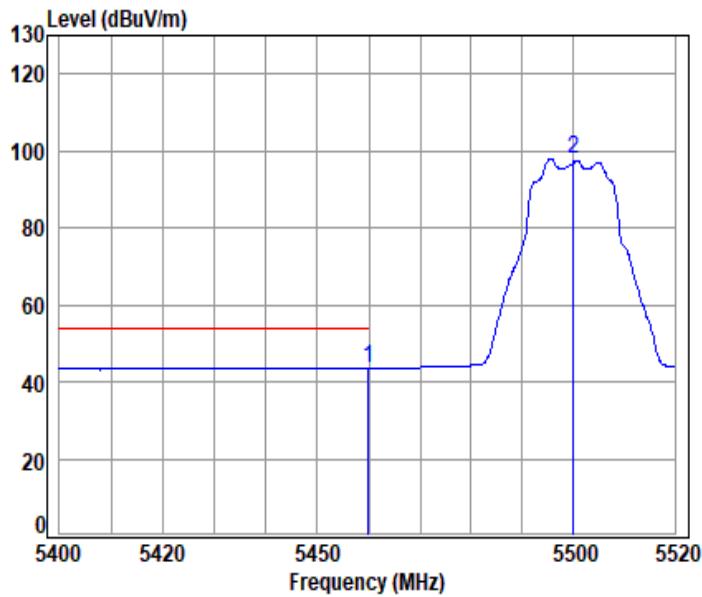
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5458.351	10.60	32.90	30.64	47.43	60.29	74.00 -13.71 peak
2	5467.716	10.59	32.90	30.65	47.50	60.34	68.20 -7.86 peak
3 pp	5500.000	10.58	32.90	30.66	94.60	107.42	68.20 39.22 peak



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11a\_TX\_CH\_100\_Vertical-Avg



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5500 Band edge  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5459.910	10.60	32.90	30.64	30.76	43.62	54.00	-10.38	Average
2	5500.000	10.58	32.90	30.66	85.03	97.85	-----	-----	Average

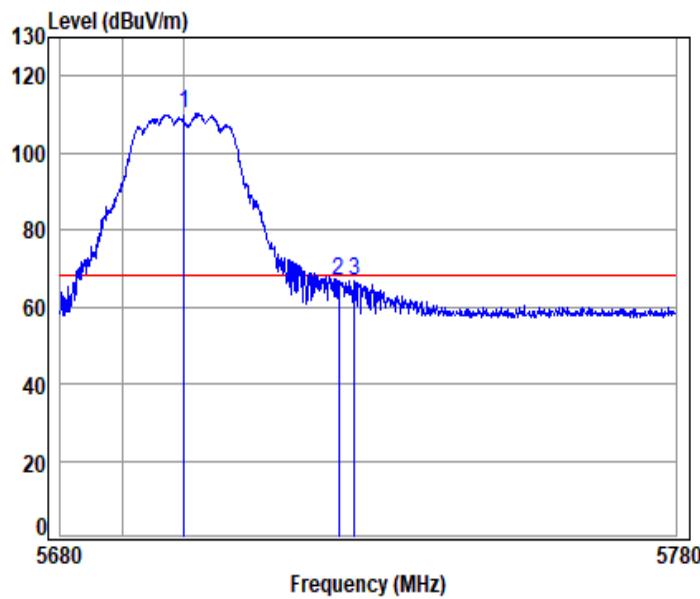
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11a\_TX\_CH\_140\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5700 Band edge  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1 pp	5700.000	10.56	33.20	30.72	97.10	110.14	68.20	41.94 peak
2	5725.000	10.68	33.25	30.72	53.59	66.80	68.20	-1.40 peak
3	5727.583	10.69	33.26	30.72	53.62	66.85	68.20	-1.35 peak

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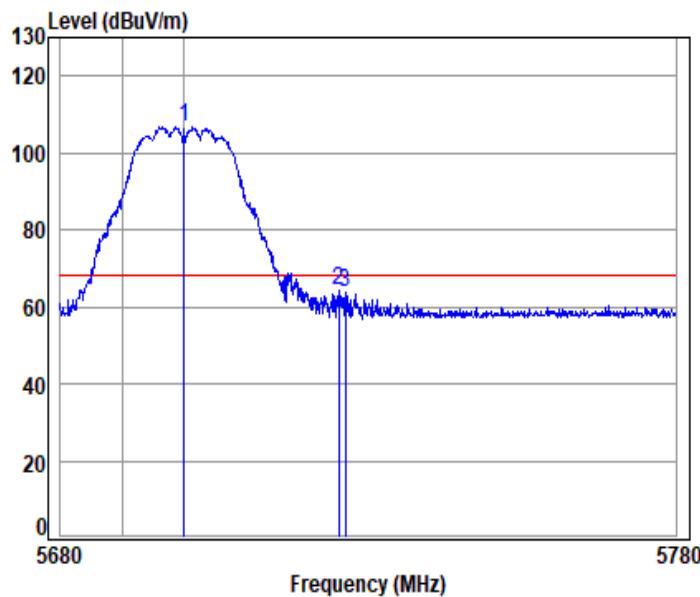
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11a\_TX\_CH\_140\_Vertical-Peak



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5700 Band edge  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 pp	5700.000	10.56	33.20	30.72	93.83	106.87	68.20 38.67 peak
2	5725.000	10.68	33.25	30.72	51.28	64.49	68.20 -3.71 peak
3	5726.083	10.68	33.25	30.72	50.46	63.67	68.20 -4.53 peak

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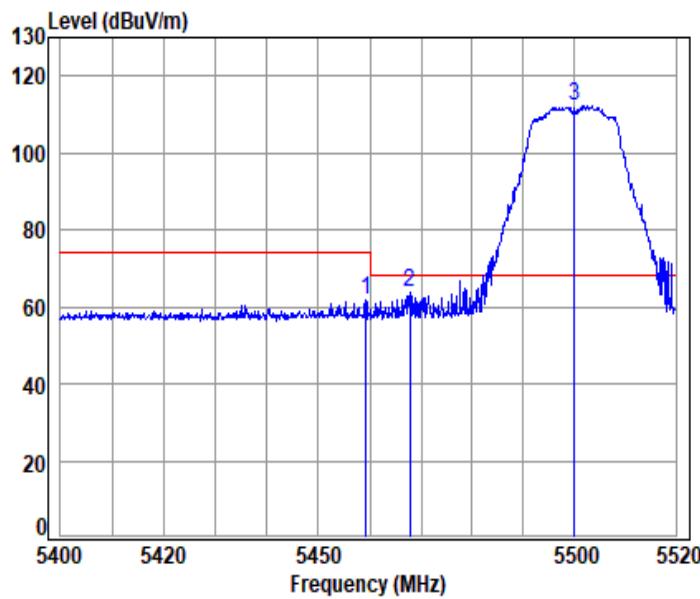
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## 11ac\_VHT(20M)\_TX\_CH\_100\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5500 Band edge  
: 5G Wi-Fi 11ac20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5459.311	10.60	32.90	30.64	48.77	61.63	74.00
2	5467.836	10.59	32.90	30.65	50.87	63.71	68.20
3 pp	5500.000	10.58	32.90	30.66	99.23	112.05	68.20
							43.85
							peak

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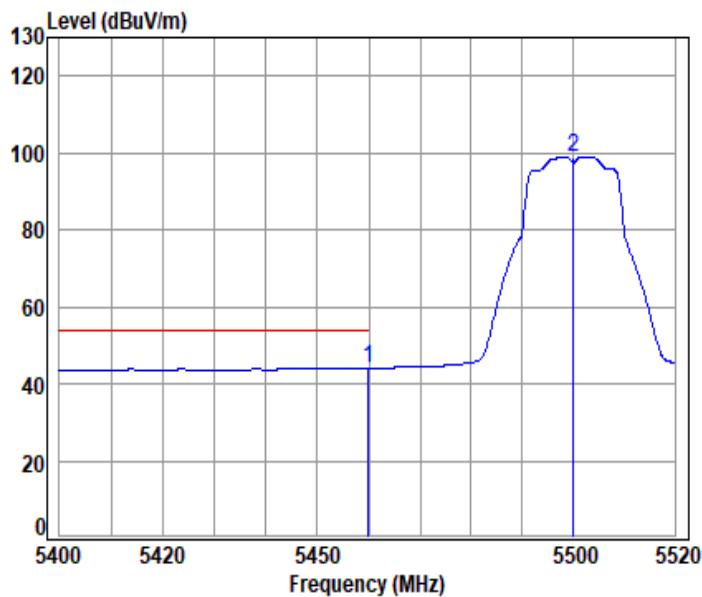
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11ac\_VHT(20M)\_TX\_CH\_100\_Horizontal-Avg



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5500 Band edge  
: 5G Wi-Fi 11ac20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5459.910	10.60	32.90	30.64	31.19	44.05	54.00
2	5500.000	10.58	32.90	30.66	86.06	98.88	-----



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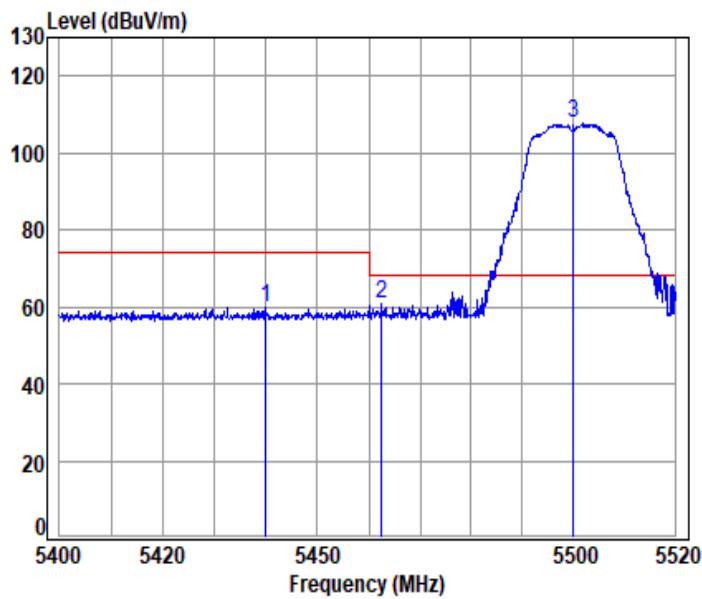
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11ac\_VHT(20M)\_TX\_CH\_100\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5500 Band edge

: 5G Wi-Fi 11ac20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5439.907	10.60	32.88	30.64	47.06	59.90	74.00
2	5462.551	10.59	32.90	30.65	48.17	61.01	68.20
3 pp	5500.000	10.58	32.90	30.66	94.70	107.52	68.20
							39.32
							peak

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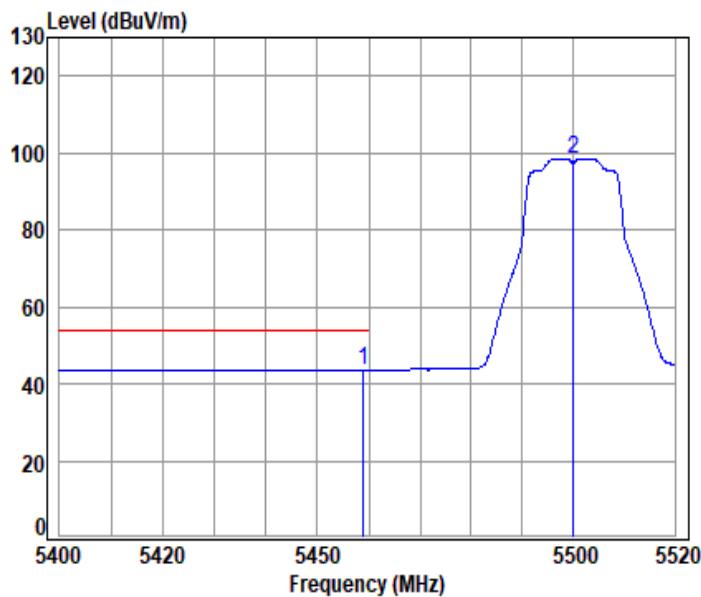
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11ac\_VHT(20M)\_TX\_CH\_100\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5500 Band edge

: 5G Wi-Fi 11ac20

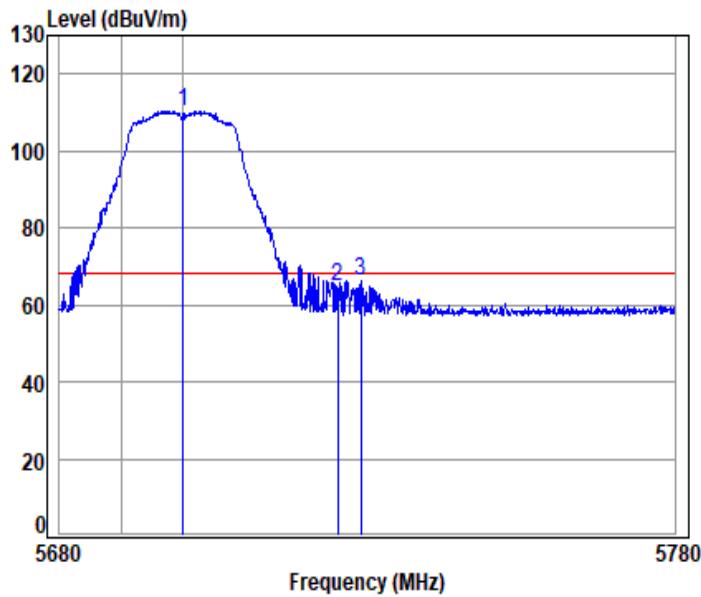
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark		
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dBuV/m	dB	
1 pp	5458.950	10.60	32.90	30.64	30.81	43.67	54.00	-10.33	Average	
2	5500.000	10.58	32.90	30.66	85.68	98.50	-----	-----	Average	



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11ac\_VHT(20M)\_TX\_CH\_140\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5700 Band edge  
: 5G Wi-Fi 11ac20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1 pp	5700.000	10.56	33.20	30.72	97.16	110.20	68.20	42.00 peak
2	5725.000	10.68	33.25	30.72	51.78	64.99	68.20	-3.21 peak
3	5728.782	10.69	33.26	30.72	52.89	66.12	68.20	-2.08 peak

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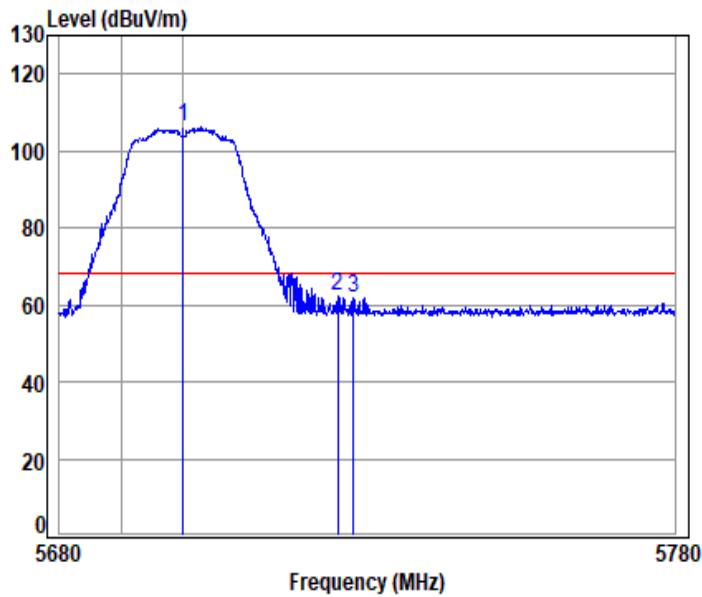
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11ac\_VHT(20M)\_TX\_CH\_140\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5700 Band edge

: 5G Wi-Fi 11ac20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5700.000	10.56	33.20	30.72	93.13	106.17	68.20	37.97	peak
2	5725.000	10.68	33.25	30.72	49.29	62.50	68.20	-5.70	peak
3	5727.583	10.69	33.26	30.72	48.64	61.87	68.20	-6.33	peak

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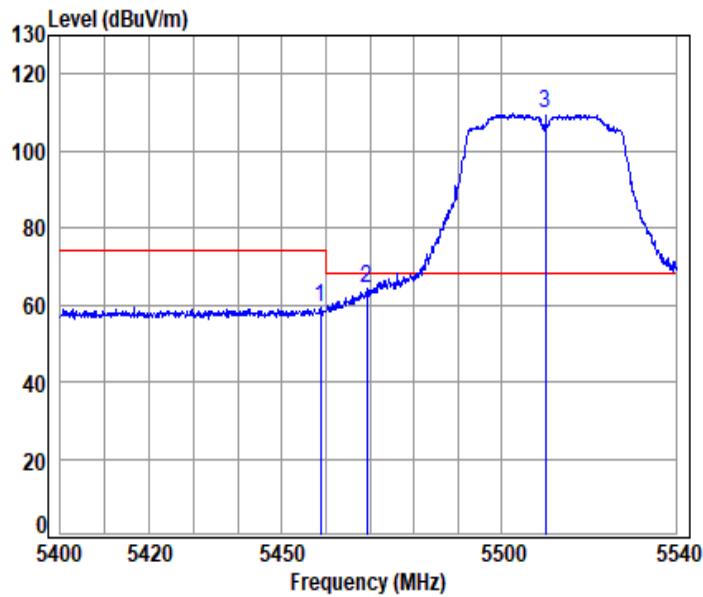
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11ac\_VHT(40M)\_TX\_CH\_102\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5510 Band edge

: 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5458.783	10.60	32.90	30.64	46.51	59.37	74.00
2	5469.272	10.59	32.90	30.65	51.40	64.24	68.20
3 pp	5510.000	10.56	32.90	30.66	96.92	109.72	68.20
							41.52
							peak

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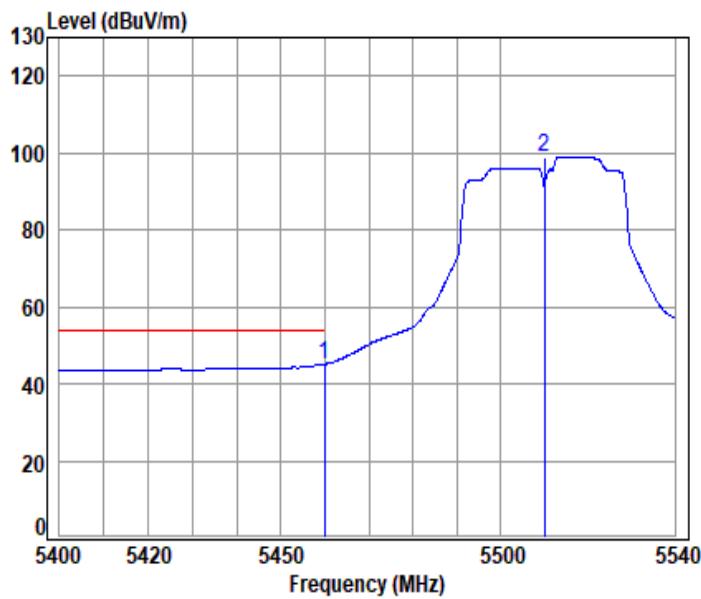
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11ac\_VHT(40M)\_TX\_CH\_102\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5510 Band edge

: 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	pp	5459.901	10.60	32.90	30.64	32.22	45.08
2		5510.000	10.56	32.90	30.66	86.12	98.92
					54.00	-8.92	Average
					-----	-----	Average

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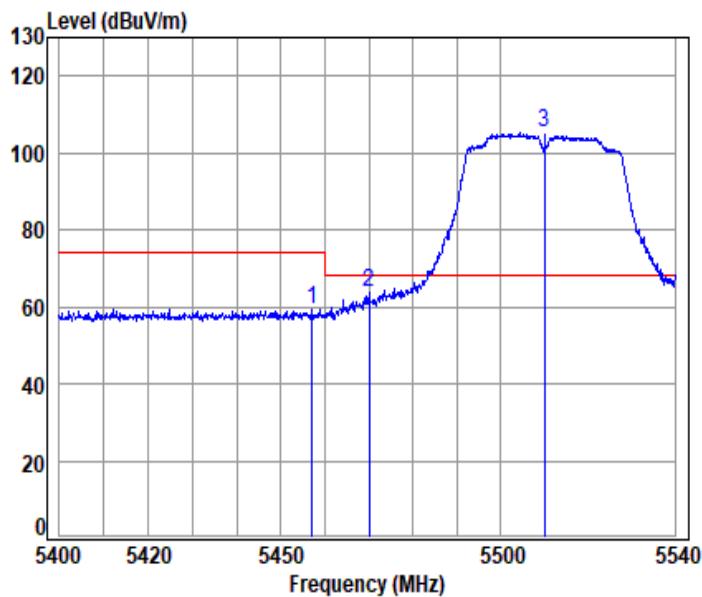
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11ac\_VHT(40M)\_TX\_CH\_102\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5510 Band edge

: 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5457.106	10.60	32.90	30.64	46.50	59.36	74.00 -14.64 peak
2	5469.972	10.59	32.90	30.65	50.70	63.54	68.20 -4.66 peak
3 pp	5510.000	10.56	32.90	30.66	92.28	105.08	68.20 36.88 peak

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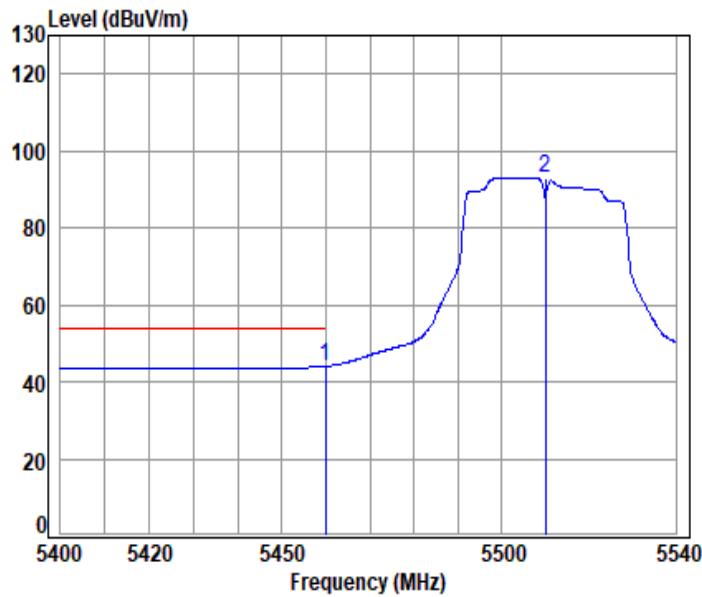
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11ac\_VHT(40M)\_TX\_CH\_102\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5510 Band edge

: 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	pp	5459.901	10.60	32.90	30.64	31.19	44.05
2		5510.000	10.56	32.90	30.66	80.16	92.96
						54.00	-9.95
						-----	Average

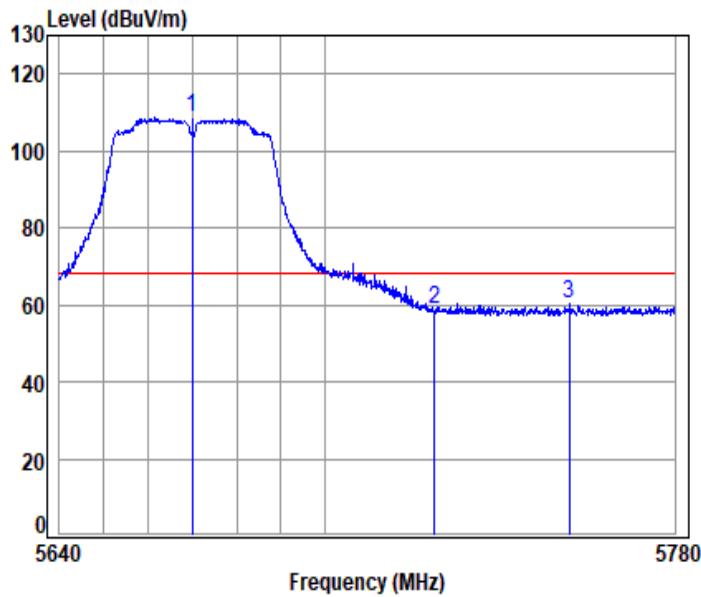
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11ac\_VHT(40M)\_TX\_CH\_134\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5670 Band edge  
: 5G Wi-Fi 11ac40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	10.52	33.14	30.71	95.57	108.52	68.20	40.32	peak
2	5725.000	10.68	33.25	30.72	45.50	58.71	68.20	-9.49	peak
3	5755.816	10.82	33.31	30.73	46.72	60.12	68.20	-8.08	peak

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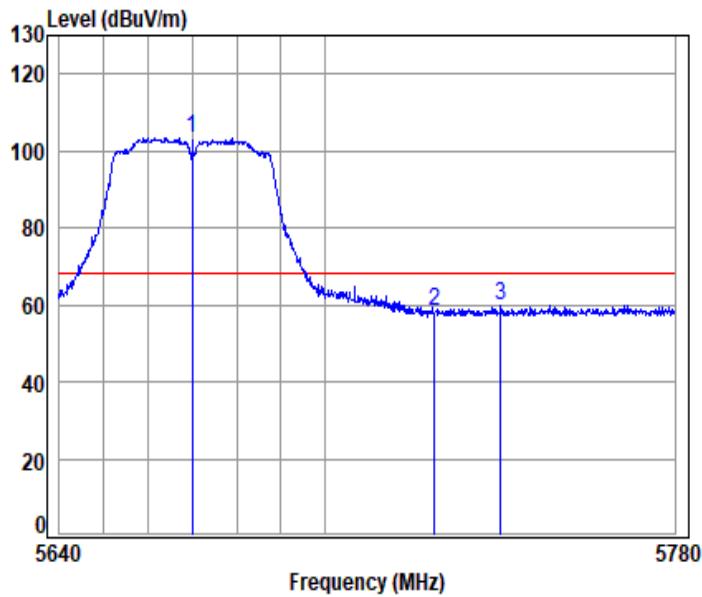
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11ac\_VHT(40M)\_TX\_CH\_134\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5670 Band edge

: 5G Wi-Fi 11ac40

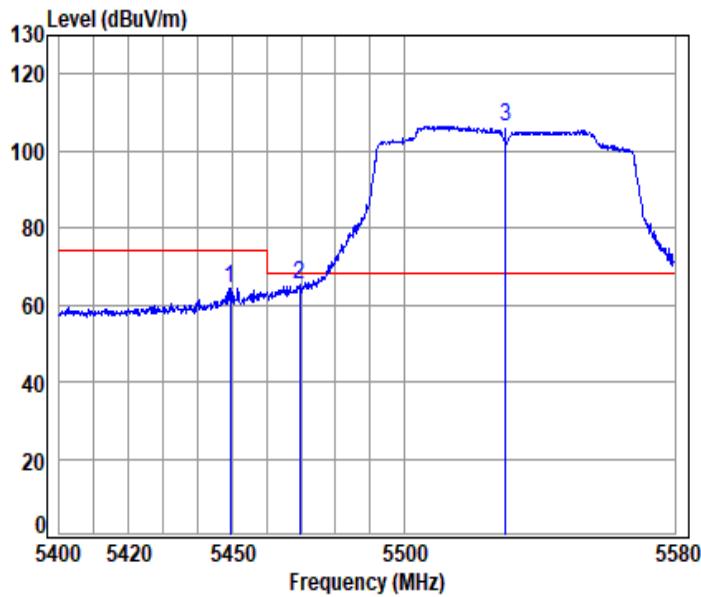
Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5670.000	10.52	33.14	30.71	90.60	103.55	68.20	35.35	peak
2	5725.000	10.68	33.25	30.72	45.15	58.36	68.20	-9.84	peak
3	5740.031	10.74	33.28	30.73	46.51	59.80	68.20	-8.40	peak

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11ac\_VHT(80M)\_TX\_CH\_106\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5530 Band edge  
: 5G Wi-Fi 11ac80

	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Line dBuV/m	Over Line dBuV/m	Over Limit dB	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5449.449	10.60	32.90	30.64	51.54	64.40	74.00	-9.60	peak
2	5469.499	10.59	32.90	30.65	52.61	65.45	68.20	-2.75	peak
3 pp	5530.000	10.53	32.90	30.67	93.60	106.36	68.20	38.16	peak

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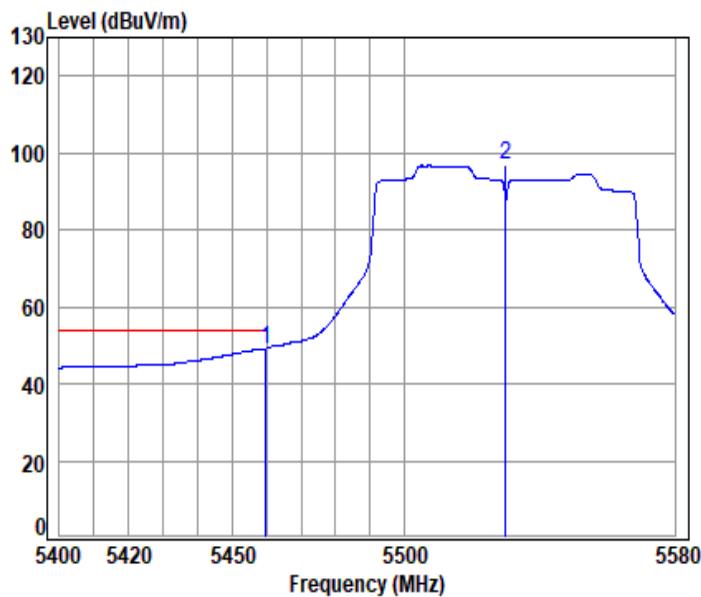
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11ac\_VHT(80M)\_TX\_CH\_106\_Horizontal-Avg



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5530 Band edge  
: 5G Wi-Fi 11ac80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5459.823	10.60	32.90	30.64	36.29	49.15	54.00
2	5530.000	10.53	32.90	30.67	83.90	96.66	-----

Average



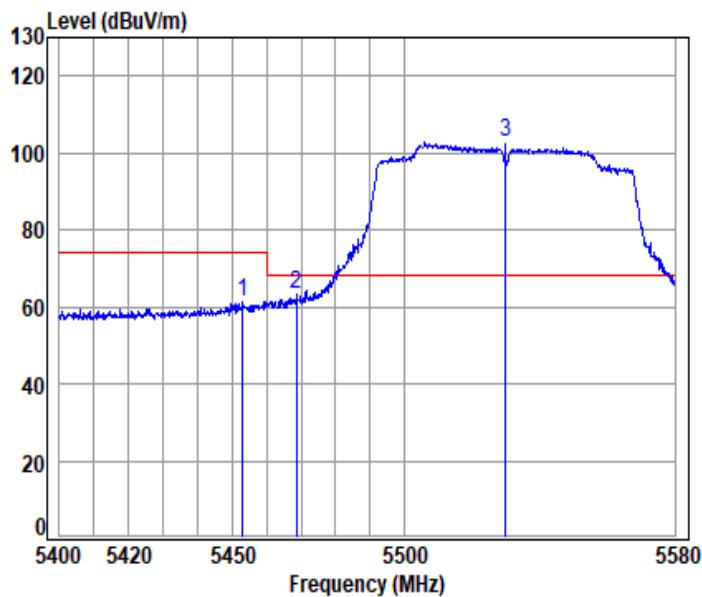
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11ac\_VHT(80M)\_TX\_CH\_106\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

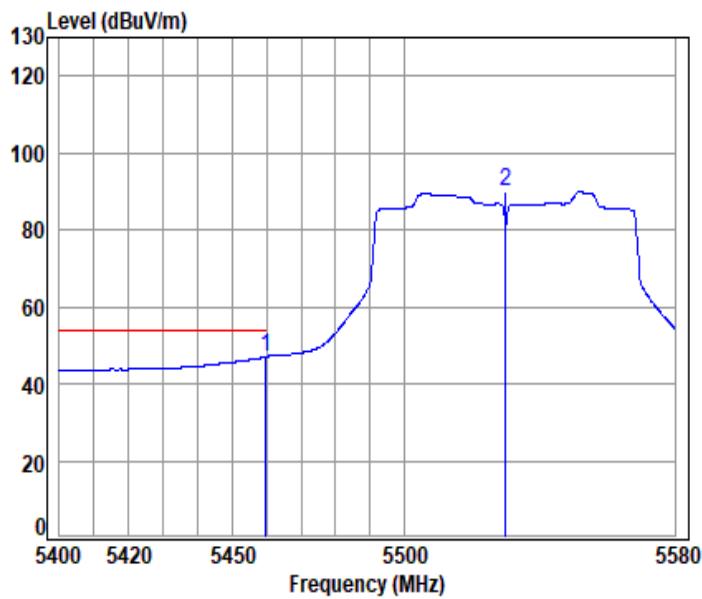
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5453.024	10.60	32.90	30.64	48.60	61.46	74.00 -12.54 peak
2	5468.602	10.59	32.90	30.65	50.19	63.03	68.20 -5.17 peak
3 pp	5530.000	10.53	32.90	30.67	89.95	102.71	68.20 34.51 peak

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11ac\_VHT(80M)\_TX\_CH\_106\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV	dBuV/m	dB
1 pp	5459.823	10.60	32.90	30.64	34.16	47.02	54.00	-6.98 Average
2	5530.000	10.53	32.90	30.67	77.03	89.79	-----	----- Average

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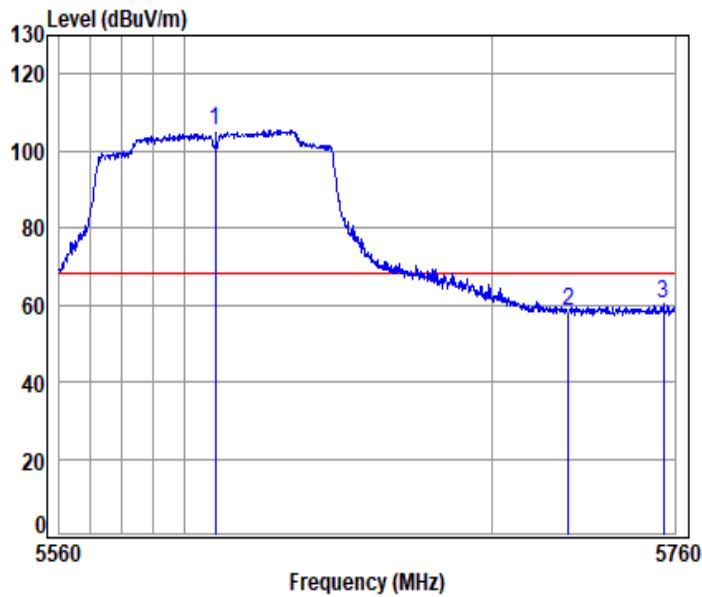
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11ac\_VHT(80M)\_TX\_CH\_122\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5610 Band edge  
: 5G Wi-Fi 11ac80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1 pp	5610.000	10.43	33.02	30.69	92.58	105.34	68.20	37.14 peak
2	5725.000	10.68	33.25	30.72	45.24	58.45	68.20	-9.75 peak
3	5756.337	10.82	33.31	30.73	46.91	60.31	68.20	-7.89 peak

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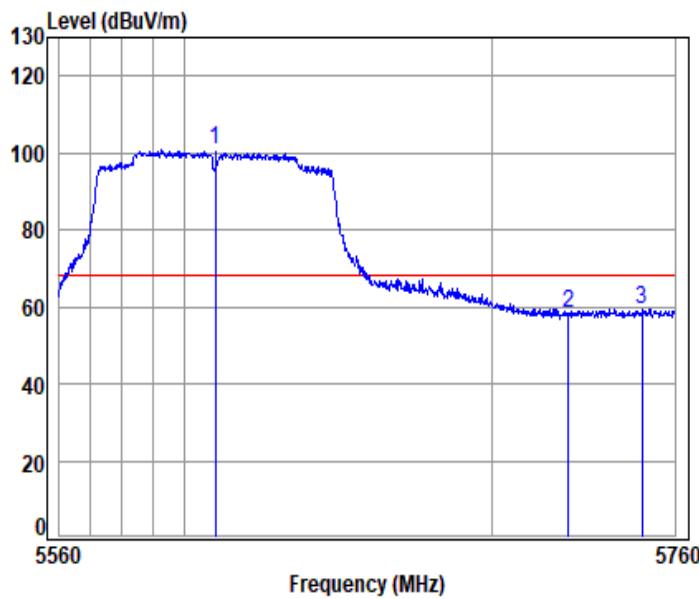
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11ac\_VHT(80M)\_TX\_CH\_122\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5610 Band edge

: 5G Wi-Fi 11ac80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5610.000	10.43	33.02	30.69	88.23	100.99	68.20	32.79	peak
2	5725.000	10.68	33.25	30.72	45.15	58.36	68.20	-9.84	peak
3	5749.222	10.79	33.30	30.73	46.18	59.54	68.20	-8.66	peak

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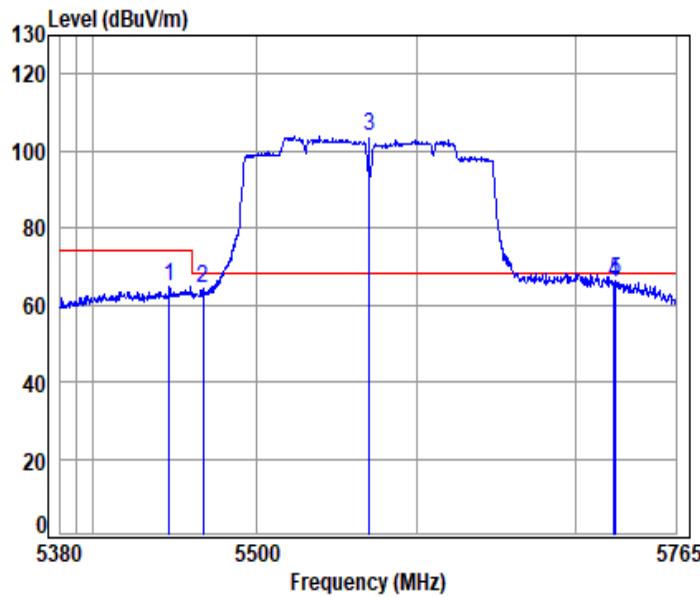
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11ac\_VHT(160M)\_TX\_CH\_114\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5446.221	10.60	32.89	30.64	51.67	64.52	74.00 -9.48 peak
2	5466.964	10.59	32.90	30.65	51.44	64.28	68.20 -3.92 peak
3 pp	5570.000	10.46	32.94	30.68	90.91	103.63	68.20 35.43 peak
4	5725.000	10.68	33.25	30.72	52.72	65.93	68.20 -2.27 peak
5	5726.479	10.68	33.25	30.72	52.94	66.15	68.20 -2.05 peak

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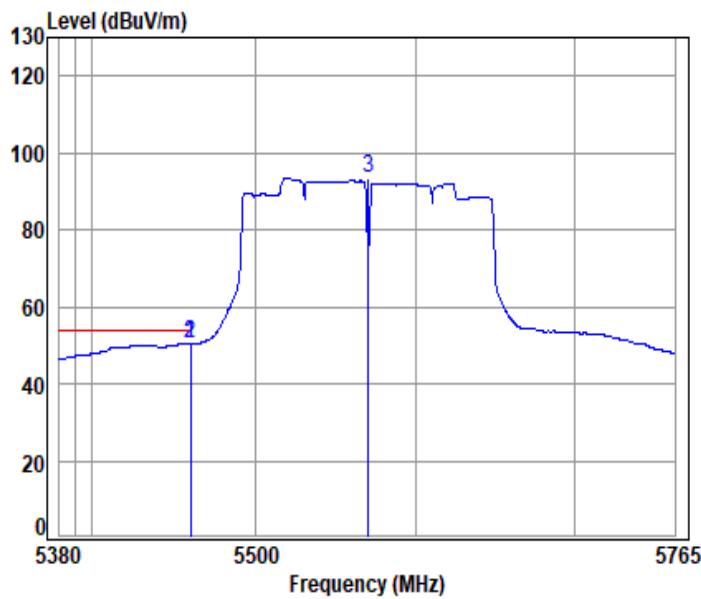
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11ac\_VHT(160M)\_TX\_CH\_114\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5459.790	10.60	32.90	30.64	37.47	50.33	54.00 -3.67 Average
2 pp	5460.000	10.60	32.90	30.64	37.49	50.35	54.00 -3.65 Average
3	5570.000	10.46	32.94	30.68	80.62	93.34	----- Average

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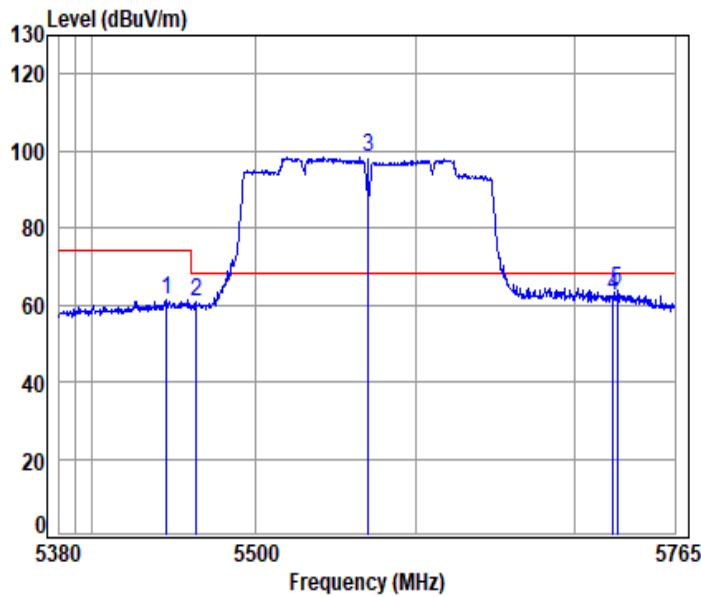
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11ac\_VHT(160M)\_TX\_CH\_114\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
1	5445.092	10.60	32.89	30.64	48.27	61.12	74.00
2	5463.187	10.59	32.90	30.65	47.84	60.68	68.20
3	pp 5570.000	10.46	32.94	30.68	85.58	98.30	68.20
4	5725.000	10.68	33.25	30.72	48.83	62.04	68.20
5	5727.667	10.69	33.26	30.72	50.72	63.95	68.20

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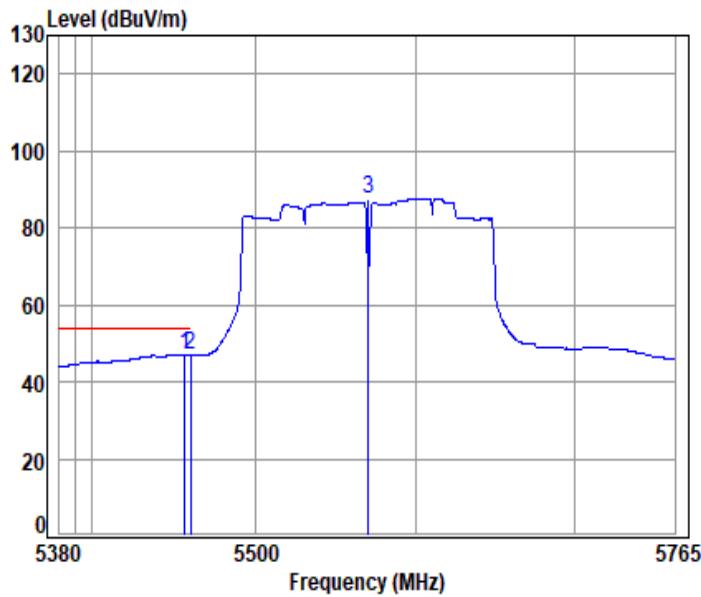
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11ac\_VHT(160M)\_TX\_CH\_114\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit	Over Line	Over Limit	Remark
				Level				
1 pp	5456.395	10.60	32.90	30.64	34.05	46.91	54.00	-7.09 Average
2	5460.000	10.60	32.90	30.64	33.90	46.76	54.00	-7.24 Average
3	5570.000	10.46	32.94	30.68	74.98	87.70	-----	----- Average

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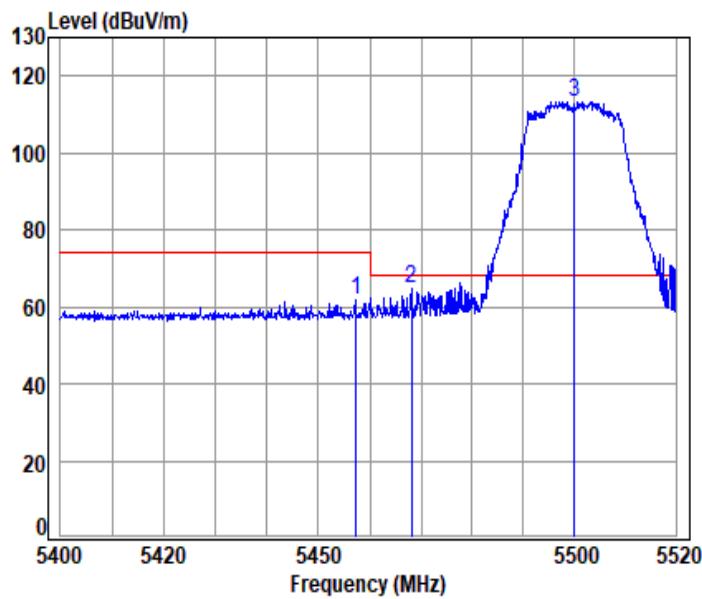
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11ax\_VHT(20M)\_TX\_CH\_100\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5457.271	10.60	32.90	30.64	48.92	61.78	74.00
2	5468.197	10.59	32.90	30.65	51.69	64.53	68.20
3 pp	5500.000	10.58	32.90	30.66	100.51	113.33	68.20
							45.13
							peak
							peak
							peak

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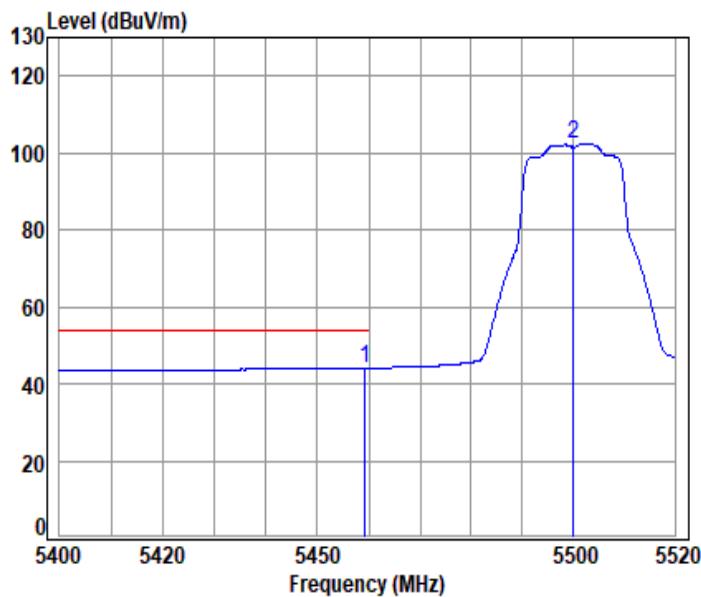
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11ax\_VHT(20M)\_TX\_CH\_100\_Horizontal-Avg



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5500 Band edge  
: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5459.190	10.60	32.90	30.64	31.35	44.21	54.00
2	5500.000	10.58	32.90	30.66	89.35	102.17	-----

Average

Average



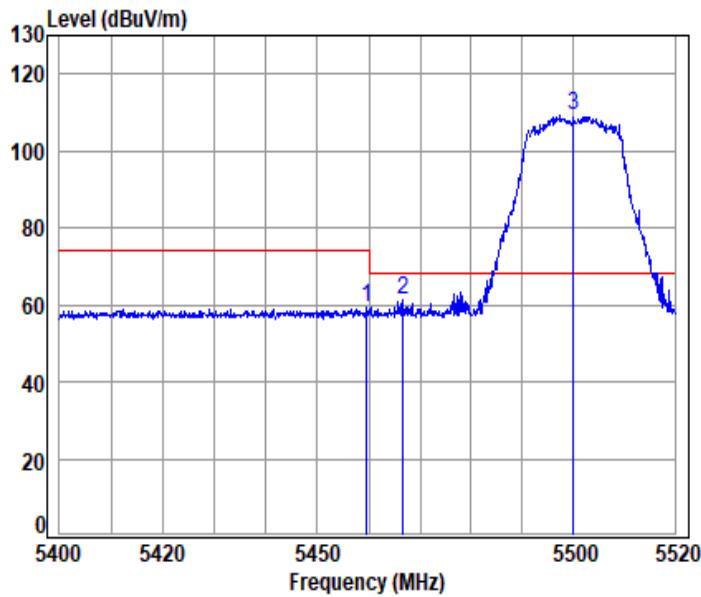
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11ax\_VHT(20M)\_TX\_CH\_100\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5459.670	10.60	32.90	30.64	46.54	59.40	74.00
2	5466.635	10.59	32.90	30.65	48.24	61.08	68.20
3 pp	5500.000	10.58	32.90	30.66	96.25	109.07	68.20
							40.87
							peak

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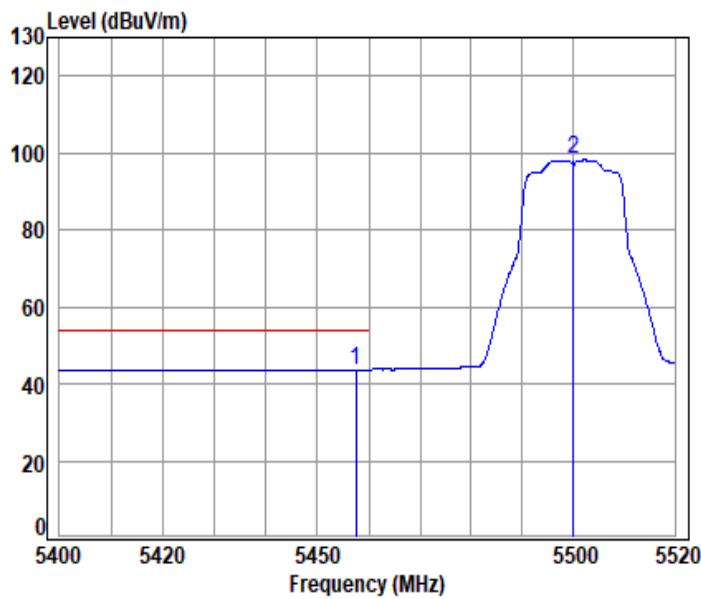
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11ax\_VHT(20M)\_TX\_CH\_100\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	pp	5457.511	10.60	32.90	30.64	30.81	43.67
2		5500.000	10.58	32.90	30.66	85.30	98.12
					54.00	-10.33	Average
					-----	-----	Average

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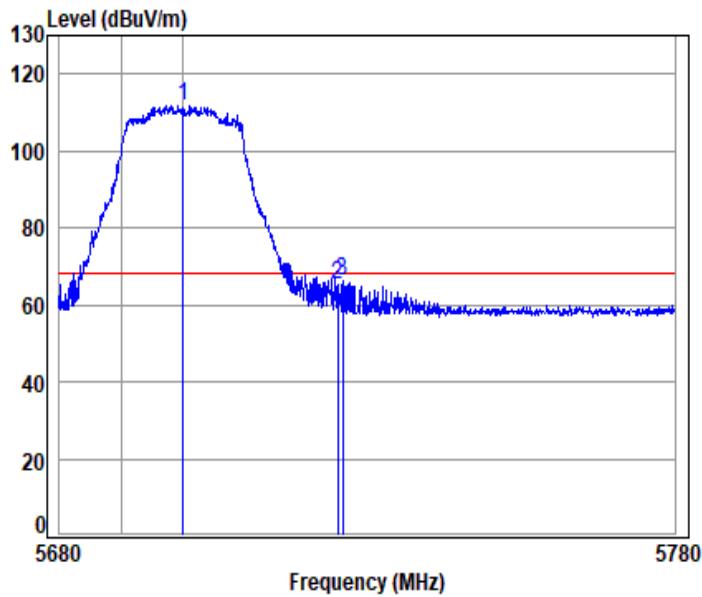
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11ax\_VHT(20M)\_TX\_CH\_140\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5700 Band edge  
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5700.000	10.56	33.20	30.72	98.86	111.90	68.20
2	5725.000	10.68	33.25	30.72	52.14	65.35	68.20
3	5725.783	10.68	33.25	30.72	52.87	66.08	68.20

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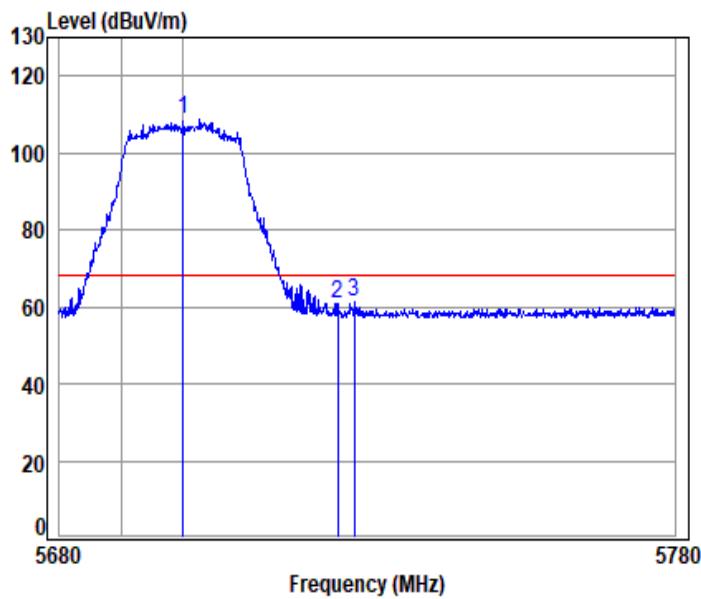
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11ax\_VHT(20M)\_TX\_CH\_140\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5700.000	10.56	33.20	30.72	95.47	108.51	68.20	40.31	peak
2	5725.000	10.68	33.25	30.72	47.65	60.86	68.20	-7.34	peak
3	5727.682	10.69	33.26	30.72	48.03	61.26	68.20	-6.94	peak

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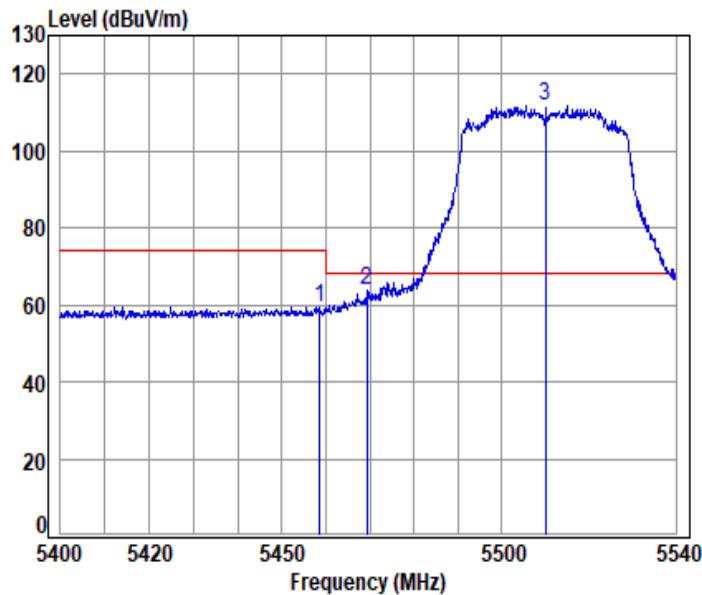
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11ax\_VHT(40M)\_TX\_CH\_102\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5458.643	10.60	32.90	30.64	46.66	59.52	74.00 -14.48 peak
2	5469.272	10.59	32.90	30.65	51.10	63.94	68.20 -4.26 peak
3 pp	5510.000	10.56	32.90	30.66	98.88	111.68	68.20 43.48 peak

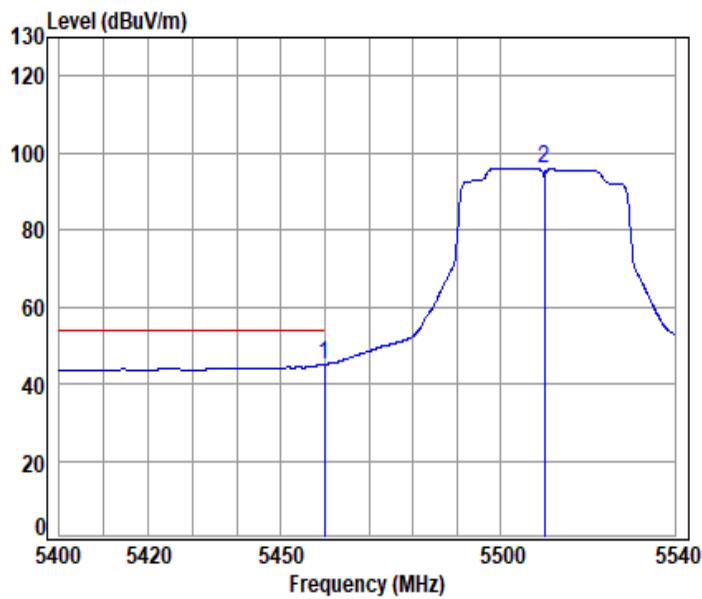
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11ax\_VHT(40M)\_TX\_CH\_102\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5459.901	10.60	32.90	30.64	32.13	44.99	54.00
2	5510.000	10.56	32.90	30.66	83.12	95.92	-----

Average

Average

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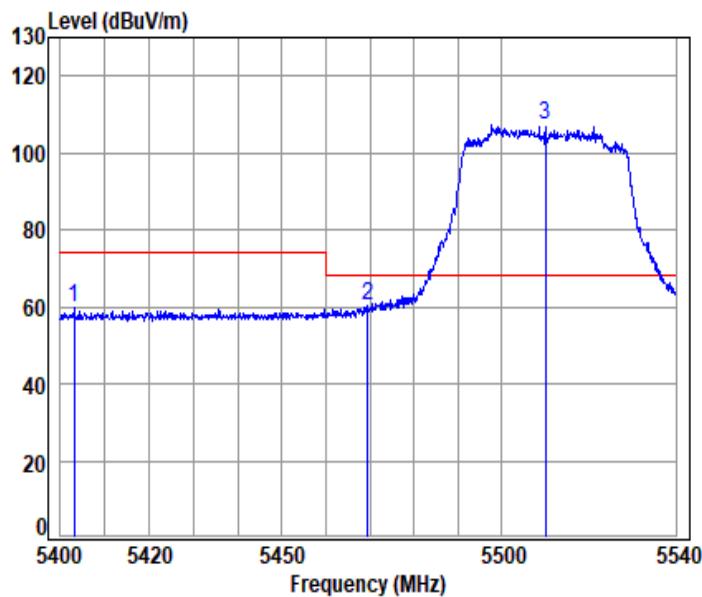
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11ax\_VHT(40M)\_TX\_CH\_102\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5403.042	10.62	32.81	30.63	46.77	59.57	74.00
2	5469.552	10.59	32.90	30.65	47.36	60.20	68.20
3 pp	5510.000	10.56	32.90	30.66	94.37	107.17	68.20
							38.97
							peak

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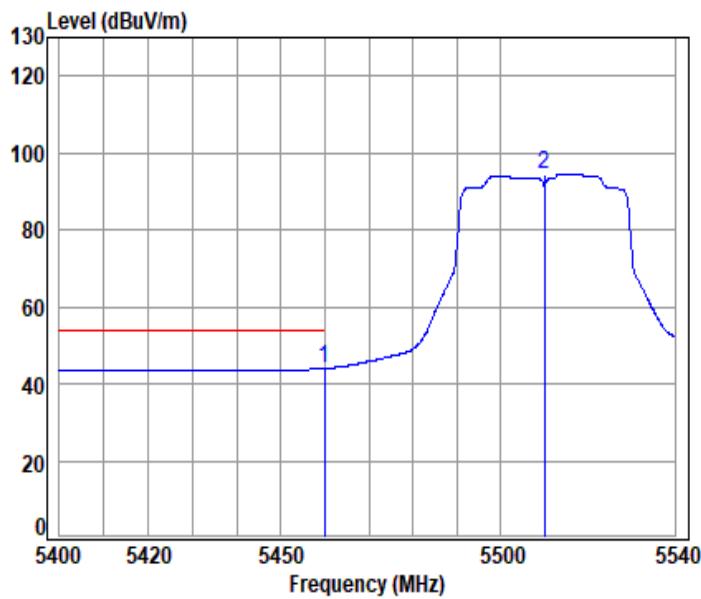
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11ax\_VHT(40M)\_TX\_CH\_102\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40

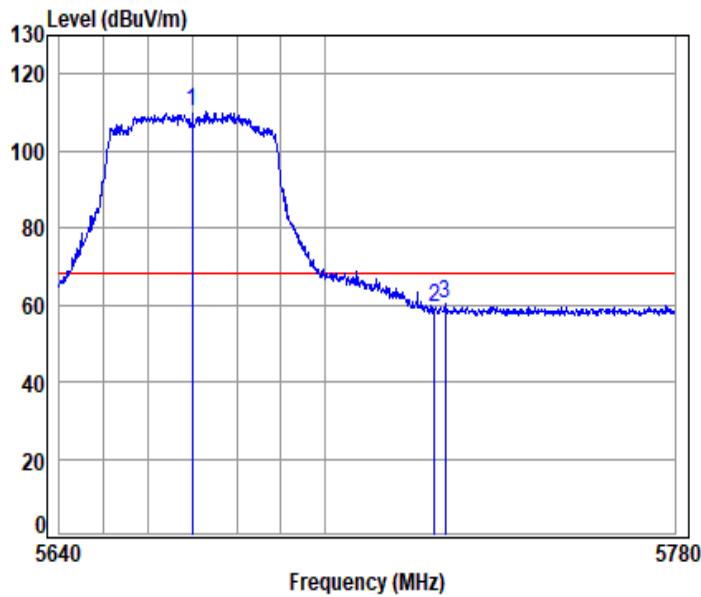
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5459.901	10.60	32.90	30.64	31.10	43.96	54.00 -10.04 Average
2	5510.000	10.56	32.90	30.66	81.58	94.38	----- Average



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11ax\_VHT(40M)\_TX\_CH\_134\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5670 Band edge  
: 5G Wi-Fi 11ax40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1 pp	5670.000	10.52	33.14	30.71	97.28	110.23	68.20	42.03 peak
2	5725.000	10.68	33.25	30.72	46.04	59.25	68.20	-8.95 peak
3	5727.378	10.69	33.25	30.72	47.00	60.22	68.20	-7.98 peak

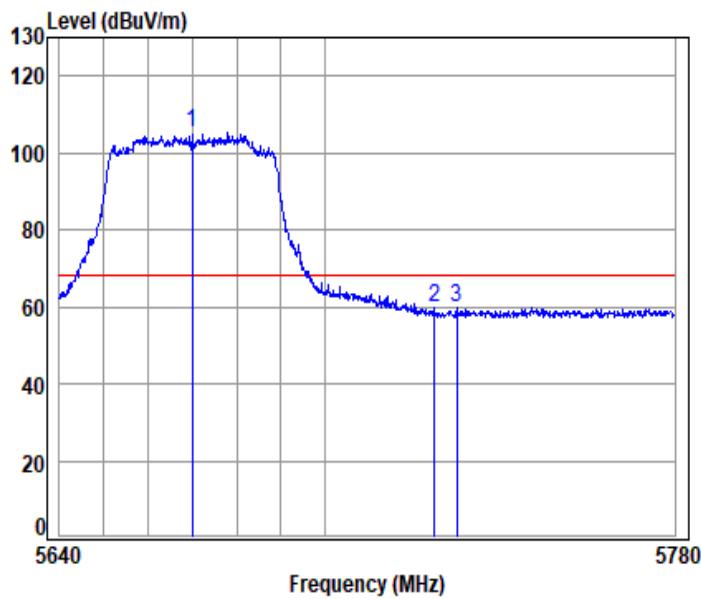
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11ax\_VHT(40M)\_TX\_CH\_134\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5670 Band edge

: 5G Wi-Fi 11ax40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	5670.000	10.52	33.14	30.71	92.27	105.22	68.20	37.02	peak
2	5725.000	10.68	33.25	30.72	46.52	59.73	68.20	-8.47	peak
3	5730.047	10.70	33.26	30.72	46.47	59.71	68.20	-8.49	peak

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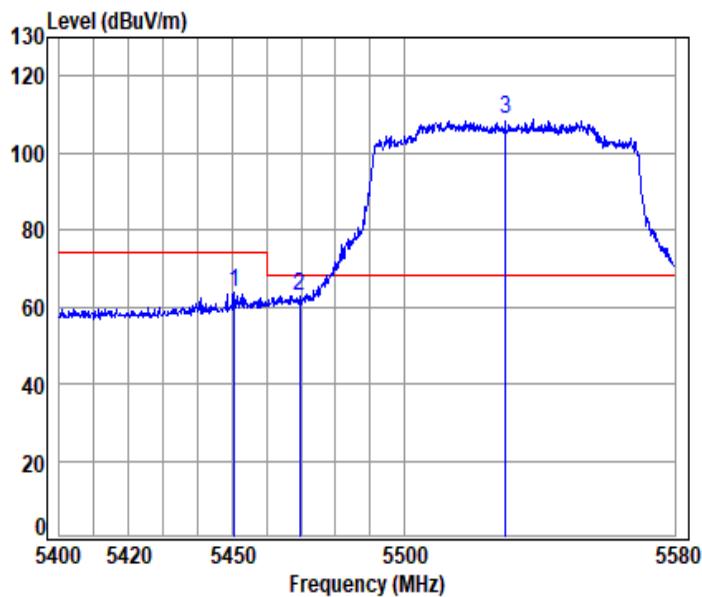
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## 11ax\_VHT(80M)\_TX\_CH\_106\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5530 Band edge  
: 5G Wi-Fi 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5450.700	10.60	32.90	30.64	50.95	63.81	74.00
2	5469.678	10.59	32.90	30.65	50.08	62.92	68.20
3 pp	5530.000	10.53	32.90	30.67	95.74	108.50	68.20

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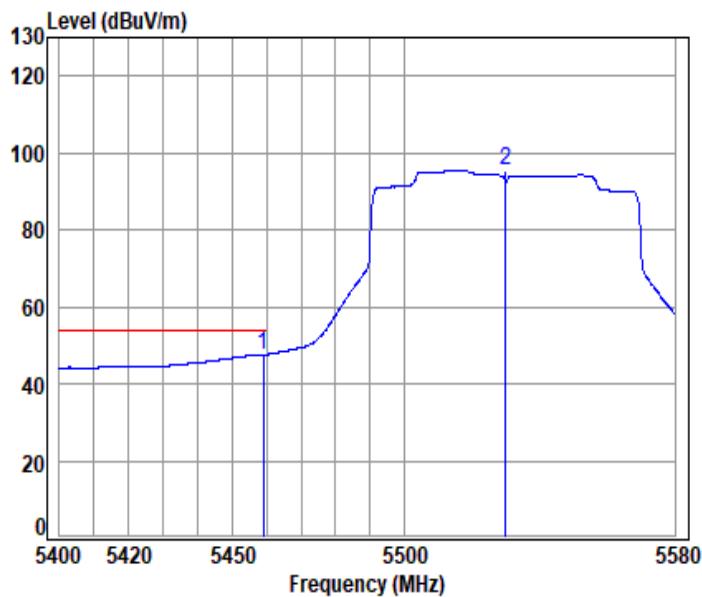
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11ax\_VHT(80M)\_TX\_CH\_106\_Horizontal-Avg



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5530 Band edge  
: 5G Wi-Fi 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5459.107	10.60	32.90	30.64	34.83	47.69	54.00
2	5530.000	10.53	32.90	30.67	82.49	95.25	-----



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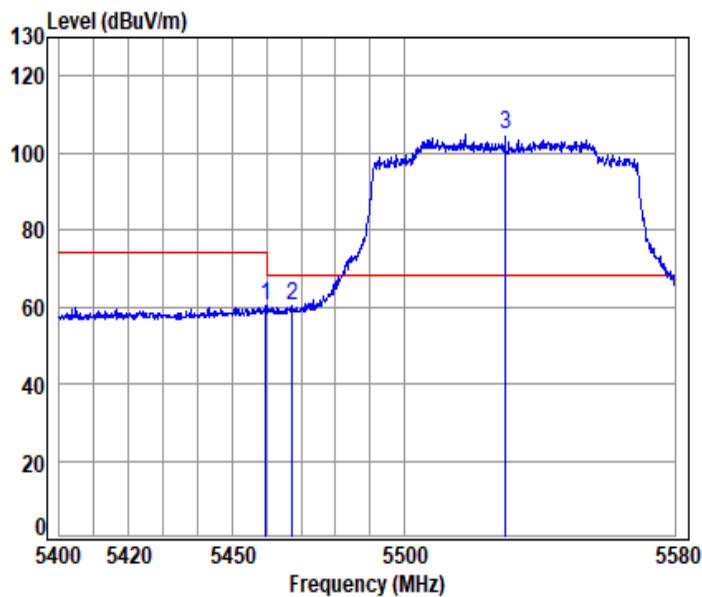
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11ax\_VHT(80M)\_TX\_CH\_106\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5459.644	10.60	32.90	30.64	47.25	60.11	74.00
2	5467.526	10.59	32.90	30.65	47.28	60.12	68.20
3 pp	5530.000	10.53	32.90	30.67	91.89	104.65	68.20

-13.89 peak  
-8.08 peak  
36.45 peak

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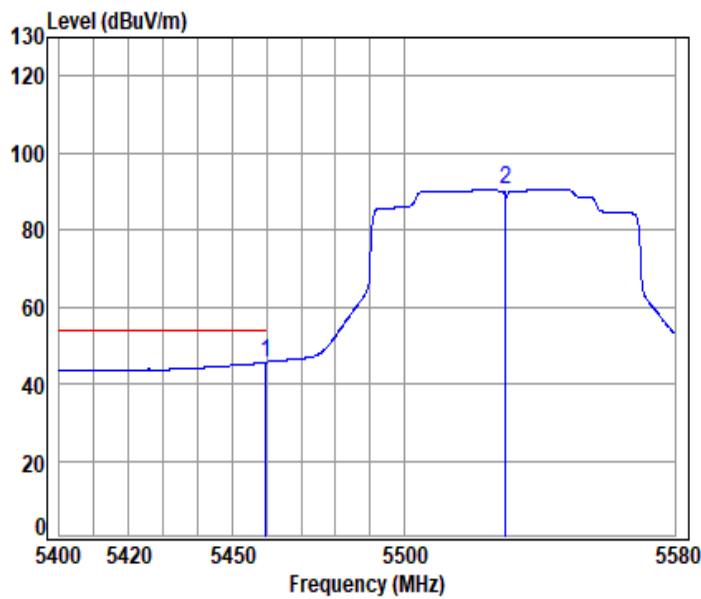
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11ax\_VHT(80M)\_TX\_CH\_106\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5459.823	10.60	32.90	30.64	32.78	45.64	54.00
2	5530.000	10.53	32.90	30.67	77.71	90.47	-----

Average

Average

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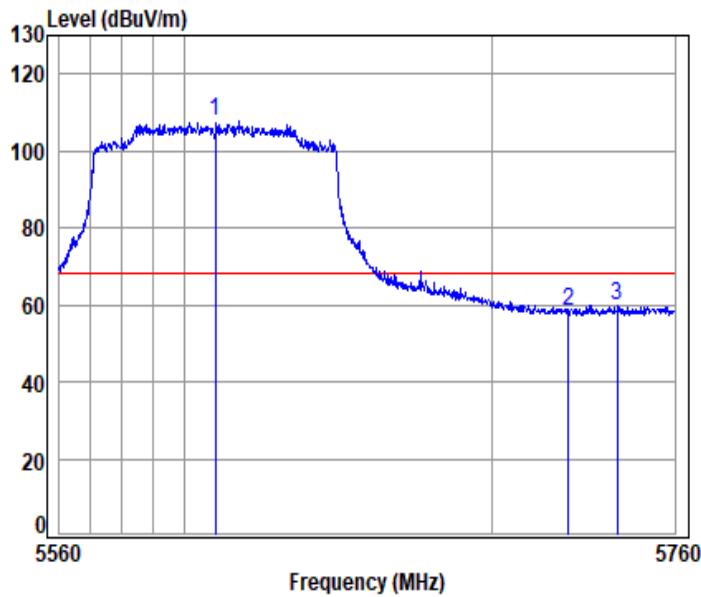
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11ax\_VHT(80M)\_TX\_CH\_122\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5610 Band edge

: 5G Wi-Fi 11ax80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5610.000	10.43	33.02	30.69	95.17	107.93	68.20 39.73 peak
2	5725.000	10.68	33.25	30.72	45.03	58.24	68.20 -9.96 peak
3	5741.101	10.75	33.28	30.73	46.65	59.95	68.20 -8.25 peak

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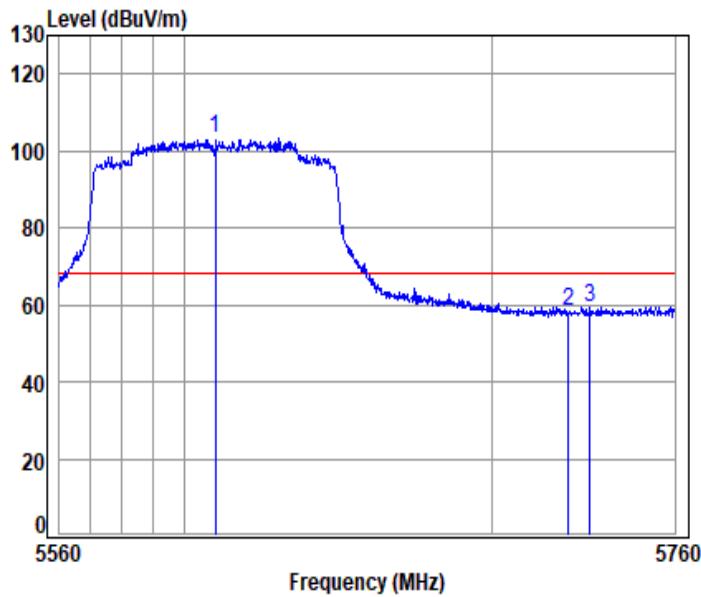
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11ax\_VHT(80M)\_TX\_CH\_122\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5610 Band edge

: 5G Wi-Fi 11ax80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
1 pp	5610.000	10.43	33.02	30.69	90.60	103.36	68.20 35.16 peak
2	5725.000	10.68	33.25	30.72	45.09	58.30	68.20 -9.90 peak
3	5731.978	10.71	33.26	30.72	46.30	59.55	68.20 -8.65 peak

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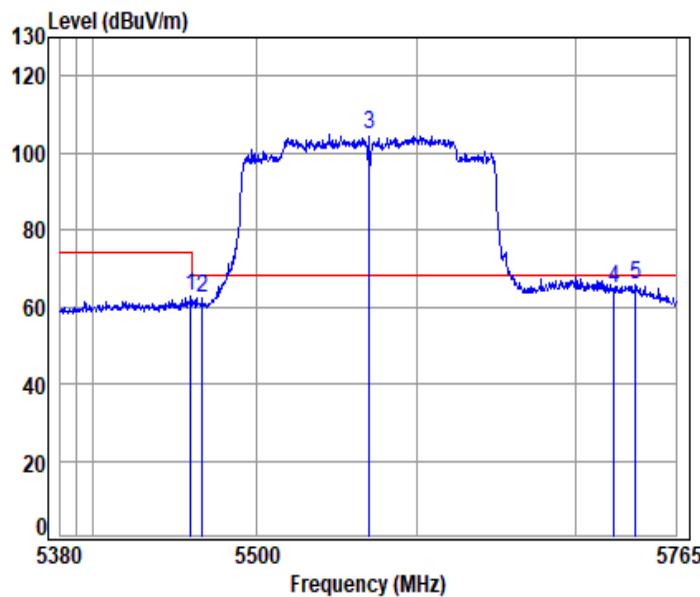
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11ax\_VHT(160M)\_TX\_CH\_114\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5570 Band edge

: 5G Wi-Fi 11ax160

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	5459.412	10.60	32.90	30.64	49.98	62.84	74.00	-11.16	peak
2	5466.586	10.59	32.90	30.65	49.36	62.20	68.20	-6.00	peak
3	pp 5570.000	10.46	32.94	30.68	92.28	105.00	68.20	36.80	peak
4	5725.000	10.68	33.25	30.72	51.45	64.66	68.20	-3.54	peak
5	5739.158	10.74	33.28	30.73	52.31	65.60	68.20	-2.60	peak

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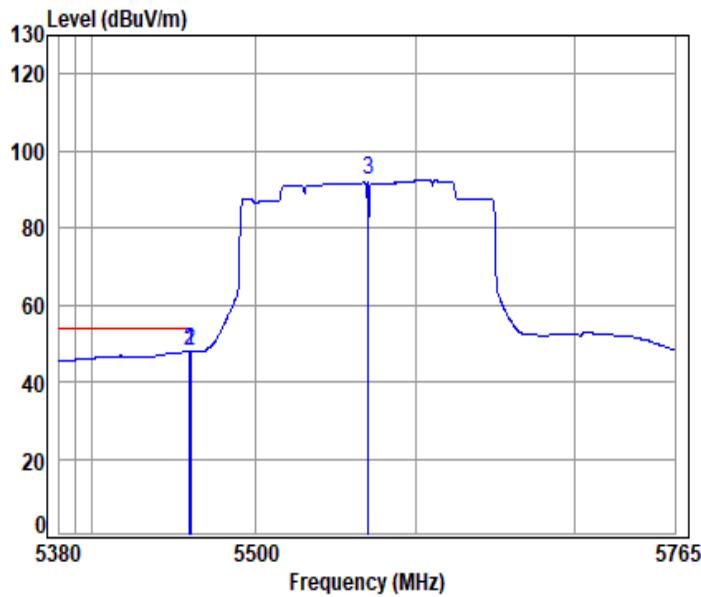
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11ax\_VHT(160M)\_TX\_CH\_114\_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5570 Band edge

: 5G Wi-Fi 11ax160

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit	Over Line	Over Limit	Remark
				Level				
1 pp	5459.412	10.60	32.90	30.64	35.10	47.96	54.00	-6.04 Average
2	5460.000	10.60	32.90	30.64	35.09	47.95	54.00	-6.05 Average
3	5570.000	10.46	32.94	30.68	79.67	92.39	-----	----- Average

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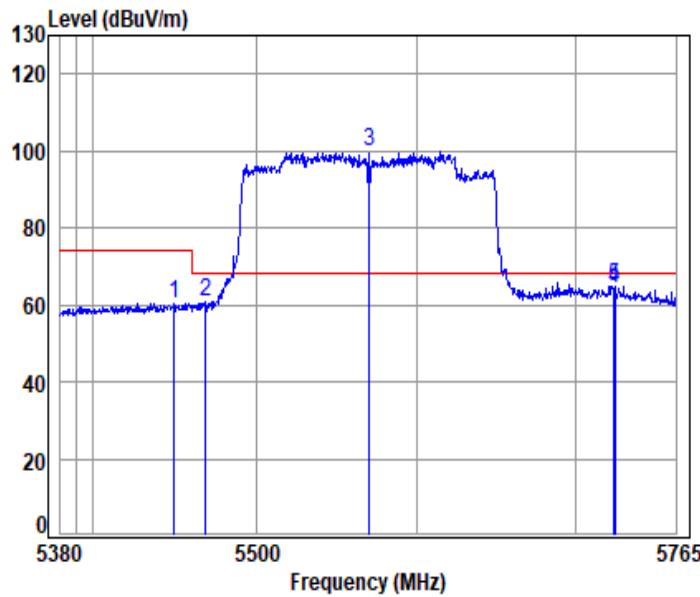
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11ax\_VHT(160M)\_TX\_CH\_114\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5570 Band edge

: 5G Wi-Fi 11ax160

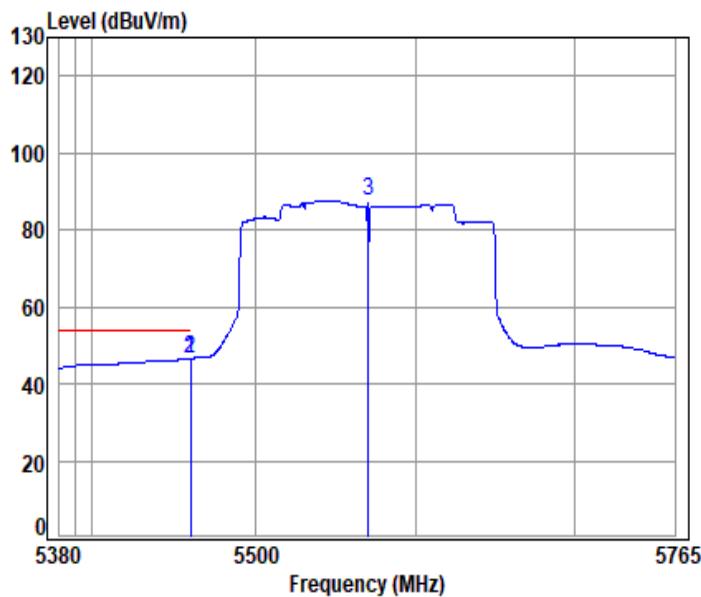
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5449.233	10.60	32.90	30.64	47.49	60.35	74.00
2	5468.476	10.59	32.90	30.65	47.79	60.63	68.20
3 pp	5570.000	10.46	32.94	30.68	87.22	99.94	68.20
4	5725.000	10.68	33.25	30.72	50.85	64.06	68.20
5	5725.688	10.68	33.25	30.72	51.51	64.72	68.20

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11ax\_VHT(160M)\_TX\_CH\_114\_Vertical-Avg



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5570 Band edge

: 5G Wi-Fi 11ax160

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5459.790	10.60	32.90	30.64	33.76	46.62	54.00 -7.38 Average
2 pp	5460.000	10.60	32.90	30.64	33.77	46.63	54.00 -7.37 Average
3	5570.000	10.46	32.94	30.68	74.88	87.60	----- ----- Average

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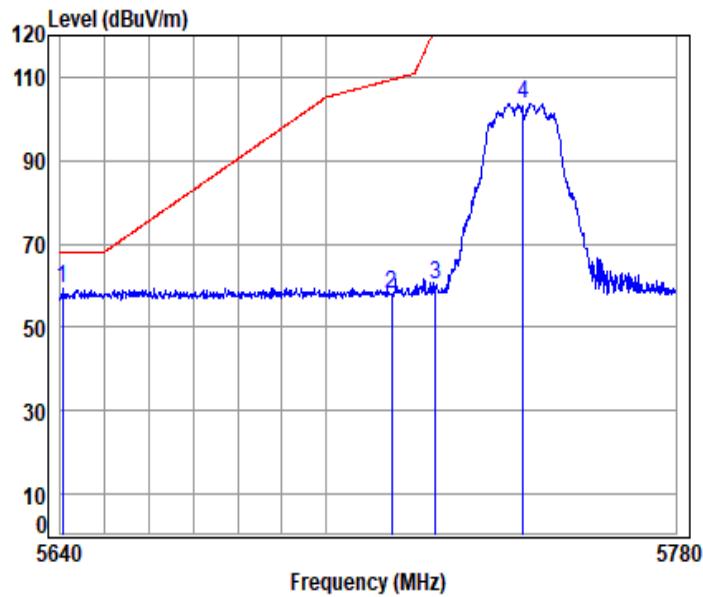
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11a\_TX\_CH\_149\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5745 Band edge  
: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5640.553	10.47	33.08	30.64	46.23	59.14	68.20 -9.06 peak
2	5715.000	10.63	33.23	30.61	44.82	58.07	109.40 -51.33 peak
3	5725.000	10.68	33.25	30.61	46.79	60.11	122.20 -62.09 peak
4	5745.000	10.77	33.29	30.60	90.20	103.66	----- peak

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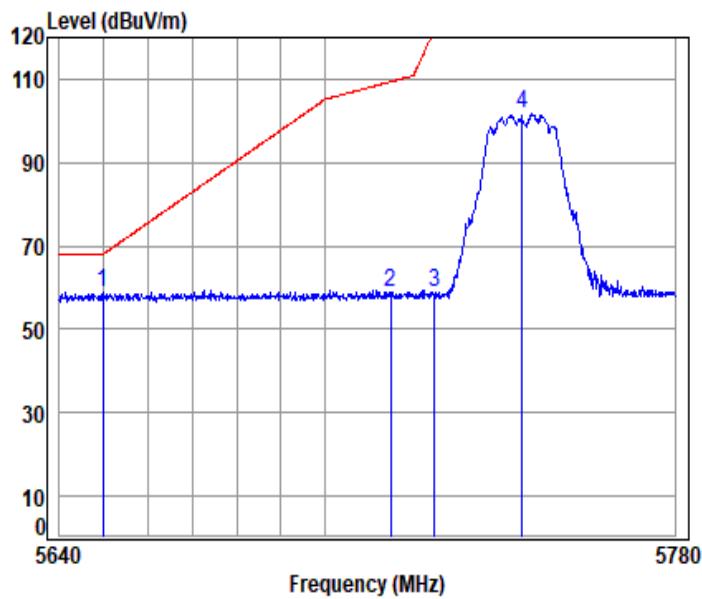
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11a\_TX\_CH\_149\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5745 Band edge

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over				
Freq	Loss	Factor	Factor	Level	Level	Line	Limit			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB			
1	pp	5649.827	10.48	33.10	30.64	46.08	59.02	68.20	-9.18	peak
2		5715.000	10.63	33.23	30.61	45.44	58.69	109.40	-50.71	peak
3		5725.000	10.68	33.25	30.61	45.31	58.63	122.20	-63.57	peak
4		5745.000	10.77	33.29	30.60	88.25	101.71	-----	-----	peak

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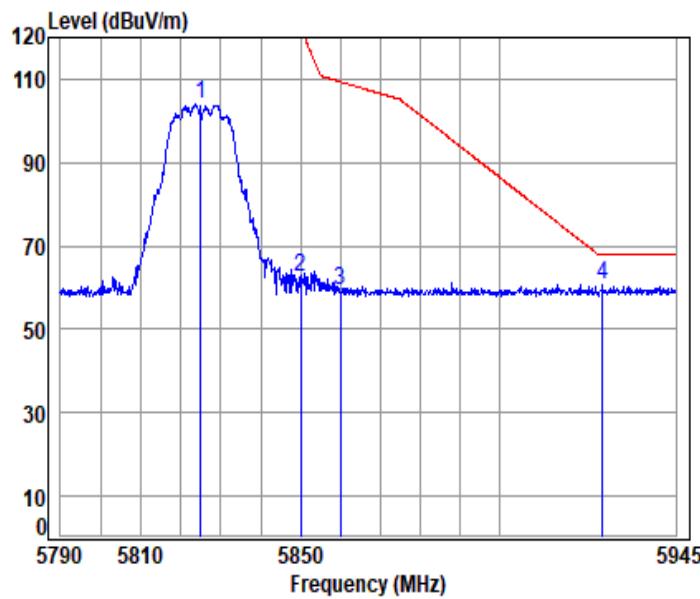
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11a\_TX\_CH\_165\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5825 Band edge

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5825.000	10.99	33.50	30.57	90.24	104.16	----- peak
2	5850.000	10.95	33.60	30.56	48.45	62.44	122.20 -59.76 peak
3	5860.000	10.94	33.58	30.56	45.33	59.29	109.40 -50.11 peak
4 pp	5926.340	10.87	33.55	30.53	46.91	60.80	68.20 -7.40 peak

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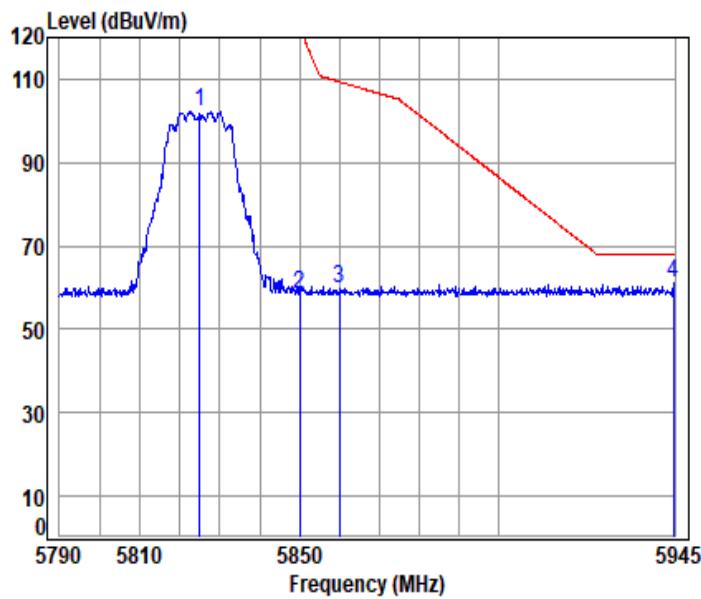
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11a\_TX\_CH\_165\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5825 Band edge

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5825.000	10.99	33.50	30.57	88.33	102.25	----- peak
2	5850.000	10.95	33.60	30.56	44.40	58.39	122.20 -63.81 peak
3	5860.000	10.94	33.58	30.56	45.60	59.56	109.40 -49.84 peak
4 pp	5944.686	10.85	33.59	30.52	47.04	60.96	68.20 -7.24 peak

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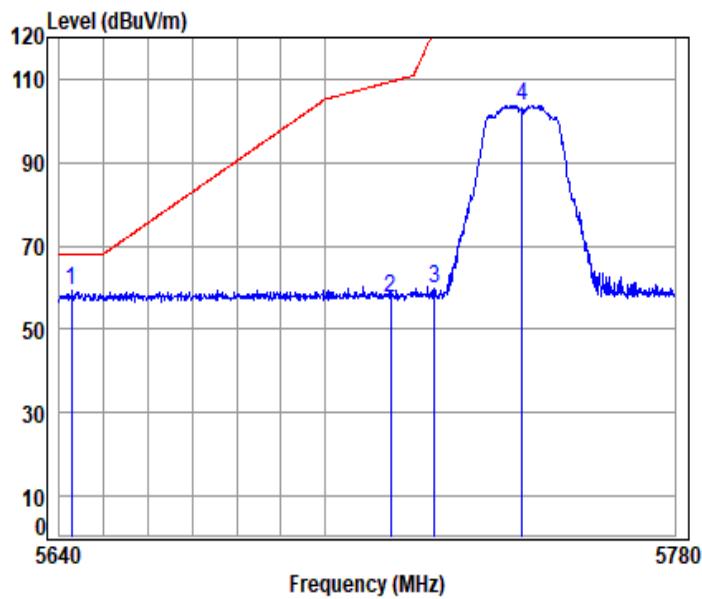
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11ac\_VHT(20M)\_TX\_CH\_149\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ac20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5642.767	10.47	33.09	30.64	46.37	59.29	68.20 -8.91 peak
2	5715.000	10.63	33.23	30.61	44.14	57.39	109.40 -52.01 peak
3	5725.000	10.68	33.25	30.61	46.33	59.65	122.20 -62.55 peak
4	5745.000	10.77	33.29	30.60	90.25	103.71	----- peak

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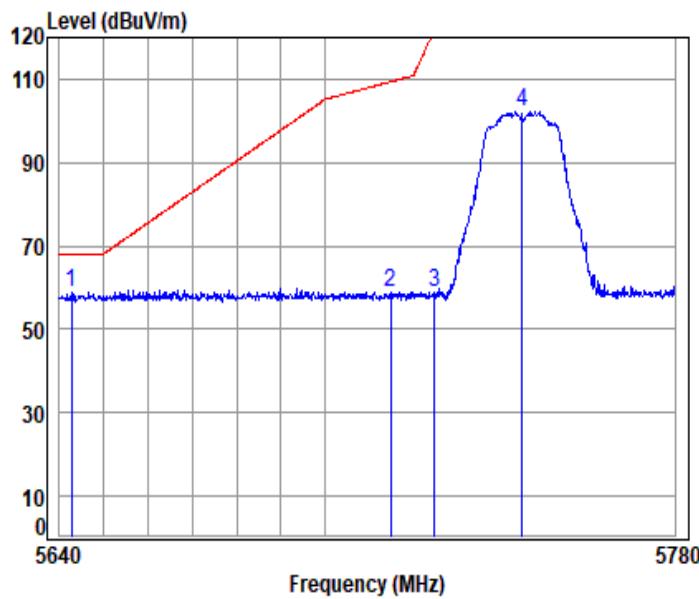
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11ac\_VHT(20M)\_TX\_CH\_149\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ac20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5642.767	10.47	33.09	30.64	45.88	58.80	68.20
2	5715.000	10.63	33.23	30.61	45.51	58.76	109.40
3	5725.000	10.68	33.25	30.61	45.44	58.76	122.20
4	5745.000	10.77	33.29	30.60	88.70	102.16	-----

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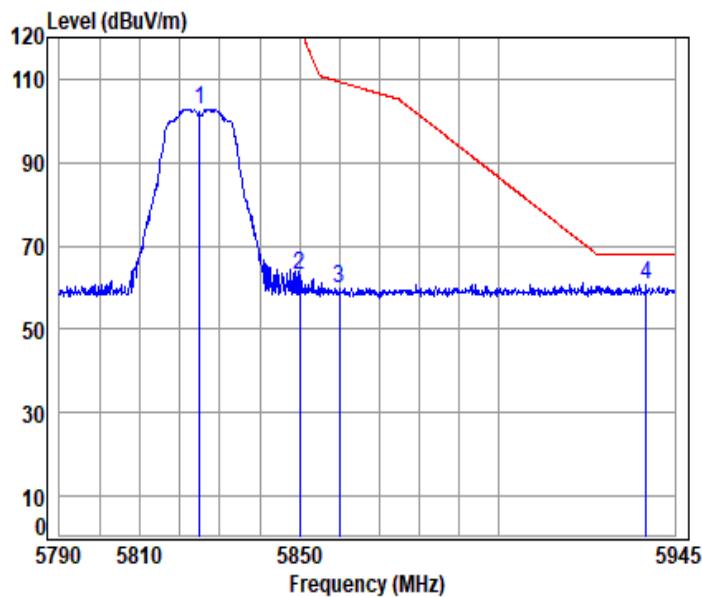
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11ac\_VHT(20M)\_TX\_CH\_165\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ac20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5825.000	10.99	33.50	30.57	88.94	102.86	-----	----- peak
2 5850.000	10.95	33.60	30.56	49.02	63.01	122.20	-59.19 peak
3 5860.000	10.94	33.58	30.56	45.63	59.59	109.40	-49.81 peak
4 pp 5937.780	10.86	33.58	30.52	46.91	60.83	68.20	-7.37 peak

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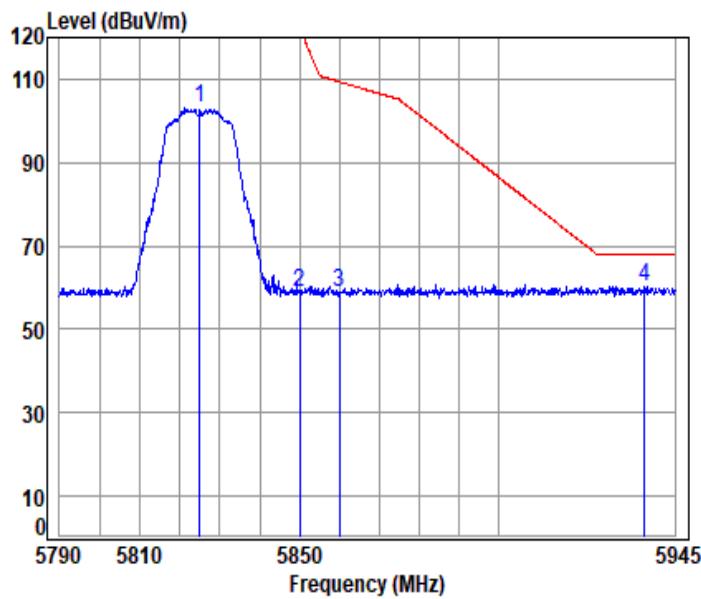
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## 11ac\_VHT(20M)\_TX\_CH\_165\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ac20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5825.000	10.99	33.50	30.57	88.99	102.91	----- peak
2	5850.000	10.95	33.60	30.56	44.88	58.87	122.20 -63.33 peak
3	5860.000	10.94	33.58	30.56	45.00	58.96	109.40 -50.44 peak
4 pp	5937.309	10.86	33.57	30.53	46.32	60.22	68.20 -7.98 peak

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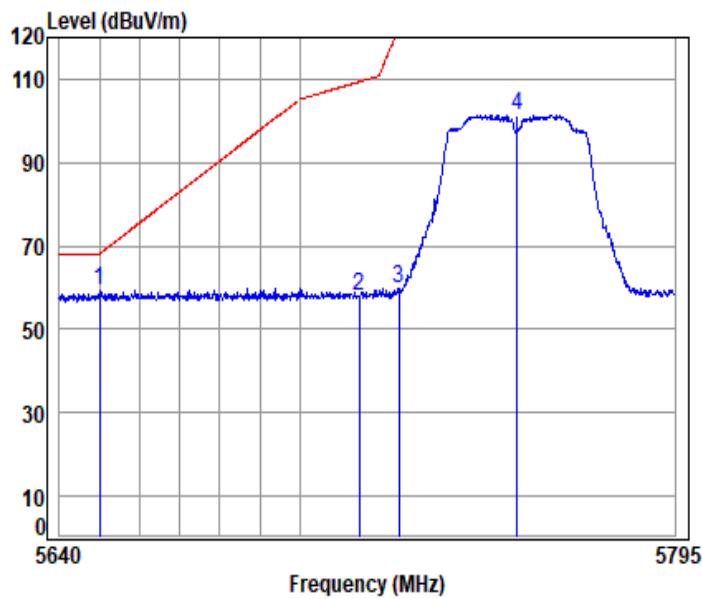
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11ac\_VHT(40M)\_TX\_CH\_151\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5649.948	10.48	33.10	30.64	46.17	59.11	68.20
2	5715.000	10.63	33.23	30.61	44.51	57.76	109.40
3	5725.000	10.68	33.25	30.61	46.54	59.86	122.20
4	5755.000	10.81	33.31	30.60	87.95	101.47	peak

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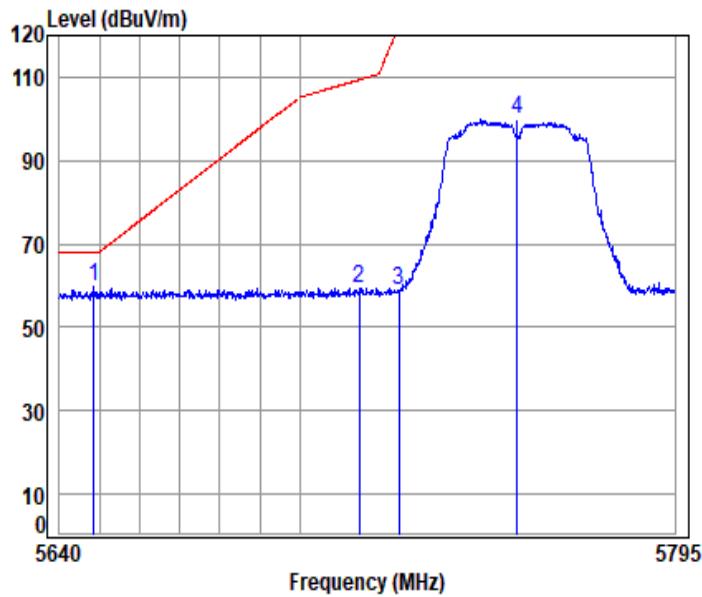
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## 11ac\_VHT(40M)\_TX\_CH\_151\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over				
Freq	Loss	Factor	Factor	Level	Level	Line	Limit			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB			
1	pp	5648.569	10.48	33.10	30.64	46.63	59.57	68.20	-8.63	peak
2		5715.000	10.63	33.23	30.61	45.99	59.24	109.40	-50.16	peak
3		5725.000	10.68	33.25	30.61	45.64	58.96	122.20	-63.24	peak
4		5755.000	10.81	33.31	30.60	86.32	99.84	-----	-----	peak

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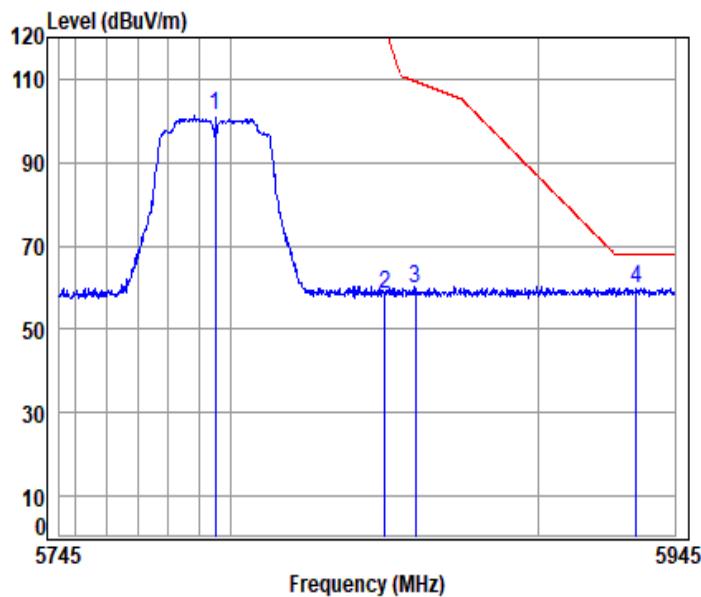
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11ac\_VHT(40M)\_TX\_CH\_159\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5795 Band edge

: 5.8G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5795.000	11.00	33.39	30.58	87.29	101.10	----- peak
2	5850.000	10.95	33.60	30.56	44.52	58.51	122.20 -63.69 peak
3	5860.000	10.94	33.58	30.56	45.69	59.65	109.40 -49.75 peak
4 pp	5932.197	10.86	33.56	30.53	45.94	59.83	68.20 -8.37 peak

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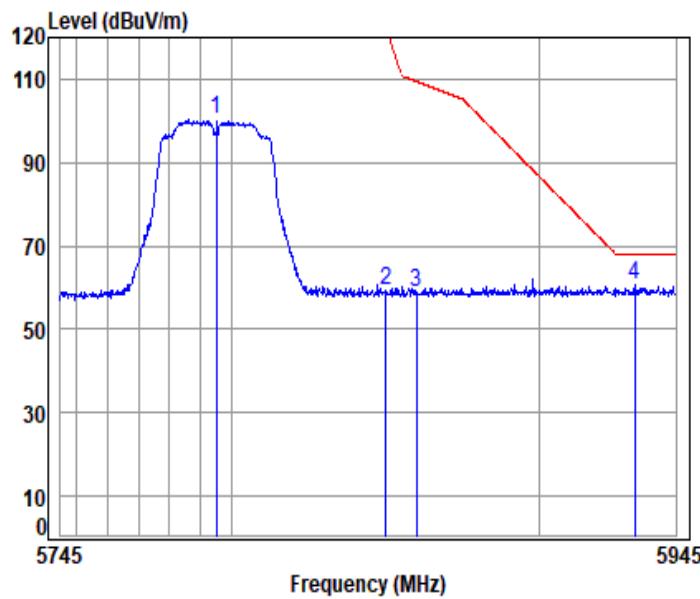
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11ac\_VHT(40M)\_TX\_CH\_159\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5795 Band edge

: 5.8G Wi-Fi 11ac40

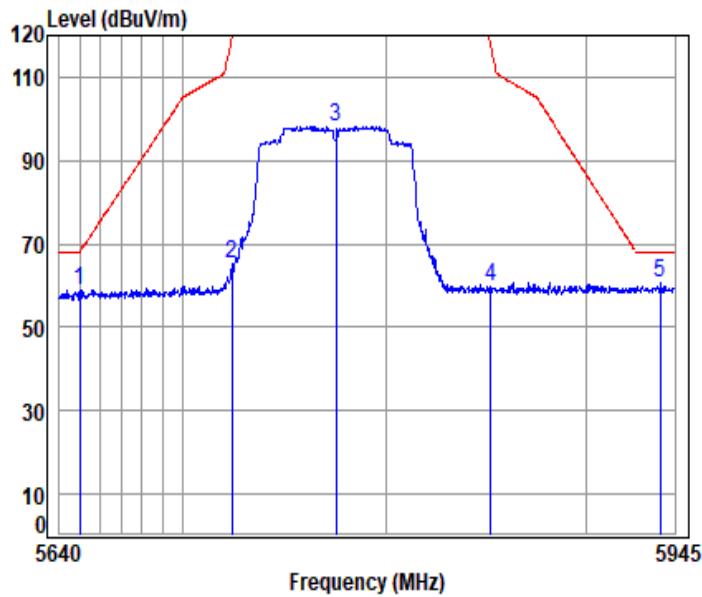
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5795.000	11.00	33.39	30.58	86.51	100.32	----- peak
2	5850.000	10.95	33.60	30.56	45.52	59.51	122.20 -62.69 peak
3	5860.000	10.94	33.58	30.56	44.95	58.91	109.40 -50.49 peak
4	pp 5931.588	10.86	33.56	30.53	46.97	60.86	68.20 -7.34 peak



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11ac\_VHT(80M)\_TX\_CH\_155\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ac80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5649.811	10.48	33.10	30.64	45.80	58.74	68.20 -9.46 peak
2	5723.787	10.67	33.25	30.61	51.81	65.12	119.44 -54.32 peak
3	5775.000	10.91	33.35	30.59	84.60	98.27	----- peak
4	5852.116	10.95	33.60	30.56	45.66	59.65	117.37 -57.72 peak
5 pp	5937.490	10.86	33.57	30.53	46.73	60.63	68.20 -7.57 peak

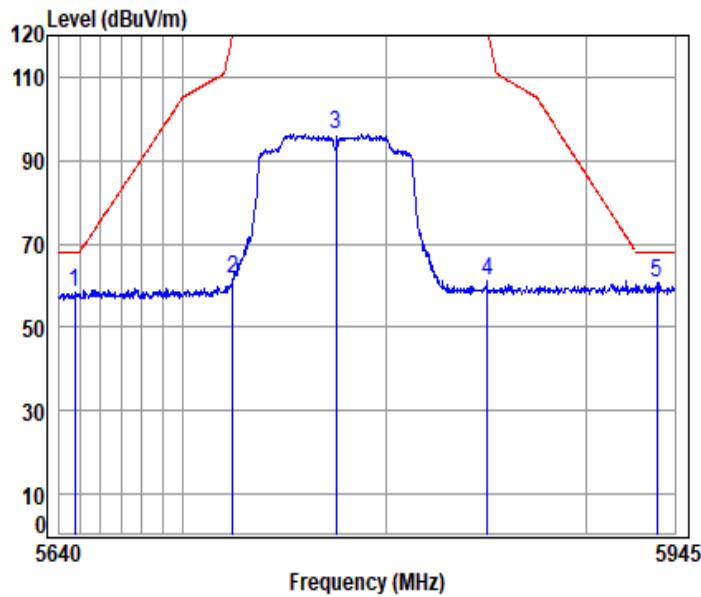
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11ac\_VHT(80M)\_TX\_CH\_155\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ac80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5647.431	10.48	33.09	30.64	45.41	58.34	68.20 -9.86 peak
2	5724.088	10.67	33.25	30.61	48.41	61.72	120.12 -58.40 peak
3	5775.000	10.91	33.35	30.59	82.62	96.29	----- peak
4	5850.267	10.95	33.60	30.56	46.97	60.96	121.59 -60.63 peak
5 pp	5935.927	10.86	33.57	30.53	46.90	60.80	68.20 -7.40 peak

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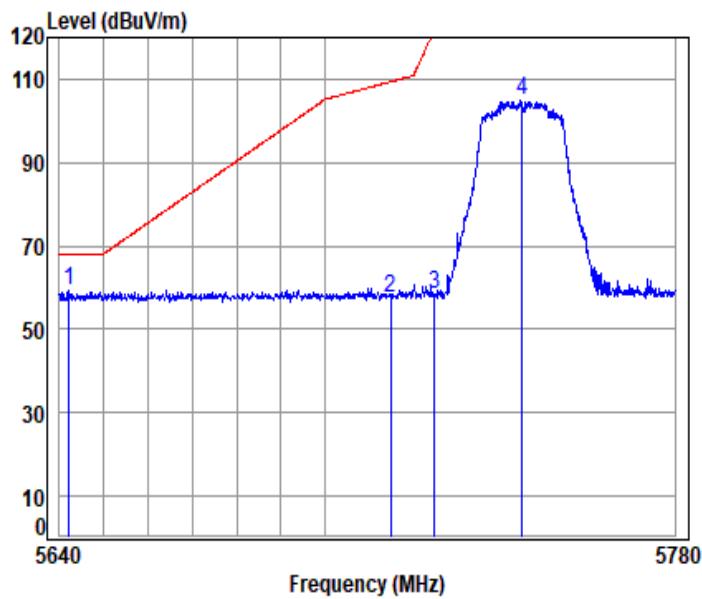
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11ax\_VHT(20M)\_TX\_CH\_149\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5642.213	10.47	33.08	30.64	46.35	59.26	68.20 -8.94 peak
2	5715.000	10.63	33.23	30.61	44.07	57.32	109.40 -52.08 peak
3	5725.000	10.68	33.25	30.61	45.30	58.62	122.20 -63.58 peak
4	5745.000	10.77	33.29	30.60	91.59	105.05	----- peak

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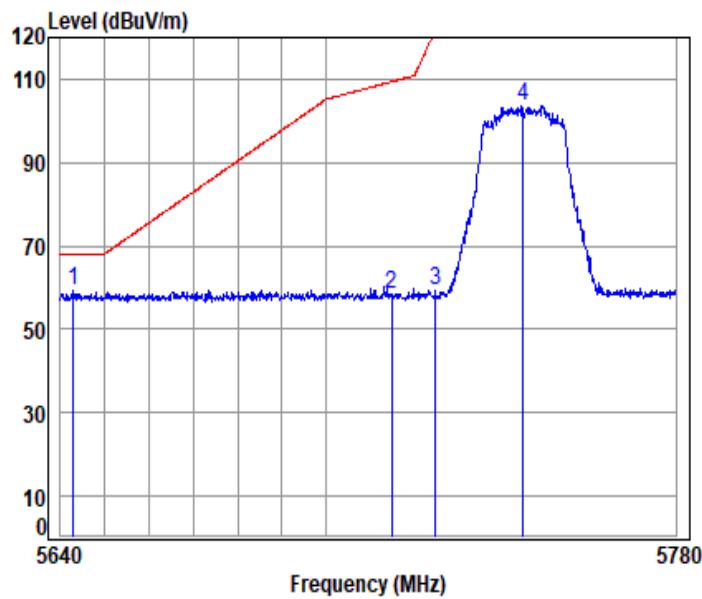
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11ax\_VHT(20M)\_TX\_CH\_149\_Verical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20

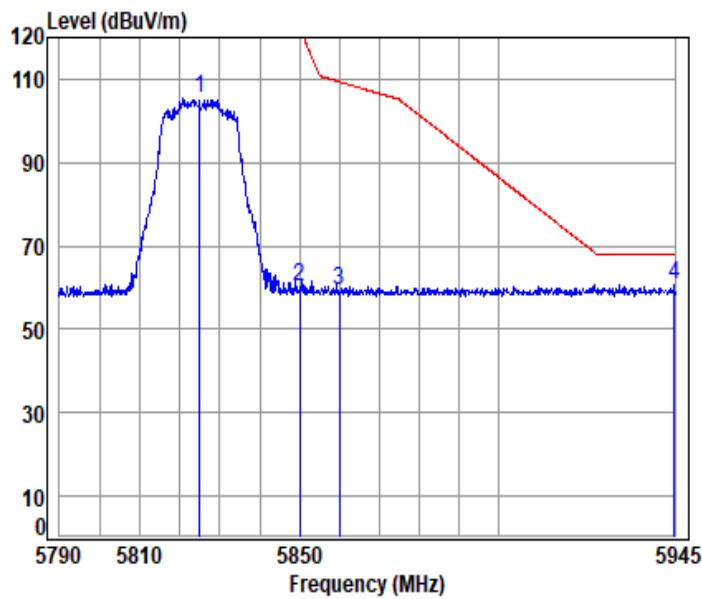
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5642.905	10.47	33.09	30.64	46.17	59.09	68.20
2	5715.000	10.63	33.23	30.61	45.01	58.26	109.40
3	5725.000	10.68	33.25	30.61	45.97	59.29	122.20
4	5745.000	10.77	33.29	30.60	90.29	103.75	-----



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11ax\_VHT(20M)\_TX\_CH\_165\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5825.000	10.99	33.50	30.57	91.43	105.35	----- peak
2	5850.000	10.95	33.60	30.56	46.35	60.34	122.20 -61.86 peak
3	5860.000	10.94	33.58	30.56	45.23	59.19	109.40 -50.21 peak
4 pp	5944.843	10.85	33.59	30.52	46.89	60.81	68.20 -7.39 peak

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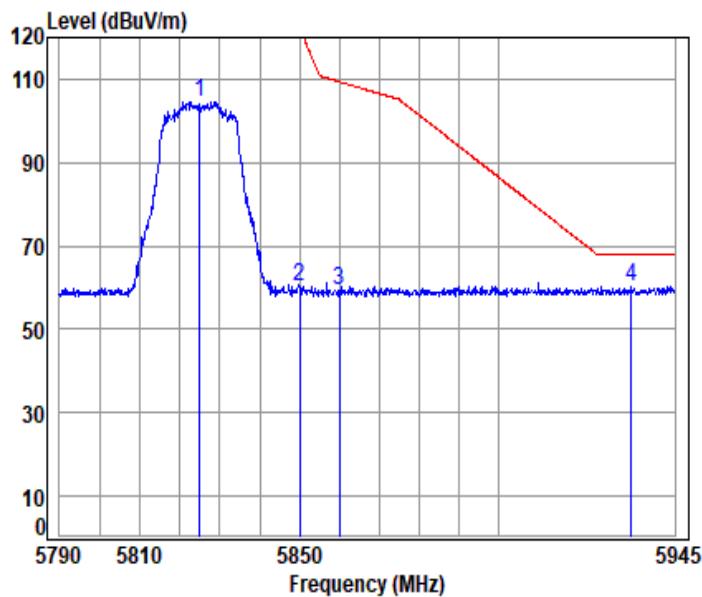
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## 11ax\_VHT(20M)\_TX\_CH\_165\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5825 Band edge

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5825.000	10.99	33.50	30.57	90.58	104.50	----- peak
2	5850.000	10.95	33.60	30.56	46.31	60.30	122.20 -61.90 peak
3	5860.000	10.94	33.58	30.56	45.46	59.42	109.40 -49.98 peak
4 pp	5933.859	10.86	33.57	30.53	46.55	60.45	68.20 -7.75 peak

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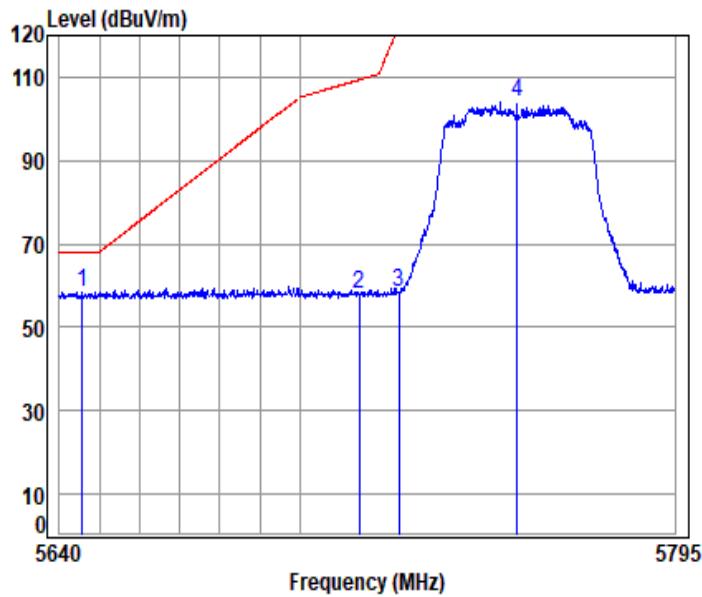
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11ax\_VHT(40M)\_TX\_CH\_151\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	5645.661	10.48	33.09	30.64	45.60	58.53	68.20
2	5715.000	10.63	33.23	30.61	44.82	58.07	109.40
3	5725.000	10.68	33.25	30.61	45.27	58.59	122.20
4	5755.000	10.81	33.31	30.60	90.29	103.81	-----

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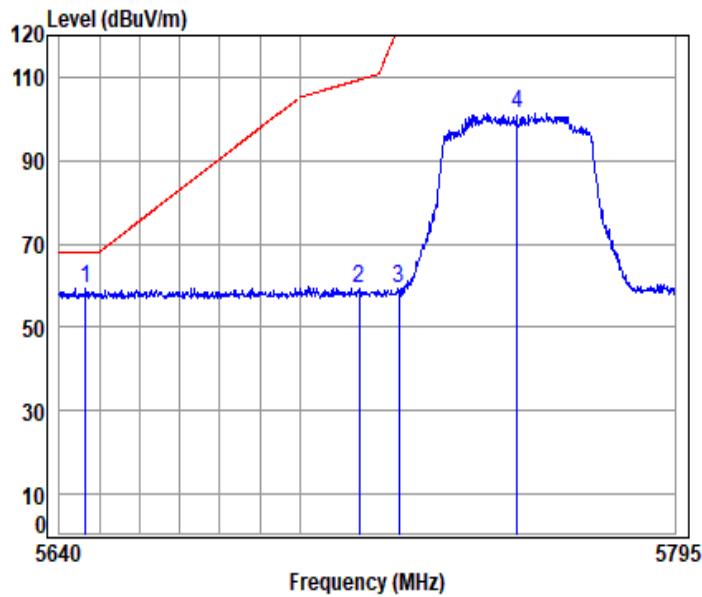
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## 11ax\_VHT(40M)\_TX\_CH\_151\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5755 Band edge

: 5.8G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over				
Freq	Loss	Factor	Factor	Level	Level	Line	Limit			
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB			
1	pp	5646.579	10.48	33.09	30.64	46.34	59.27	68.20	-8.93	peak
2		5715.000	10.63	33.23	30.61	45.88	59.13	109.40	-50.27	peak
3		5725.000	10.68	33.25	30.61	45.88	59.20	122.20	-63.00	peak
4		5755.000	10.81	33.31	30.60	87.75	101.27	-----	-----	peak

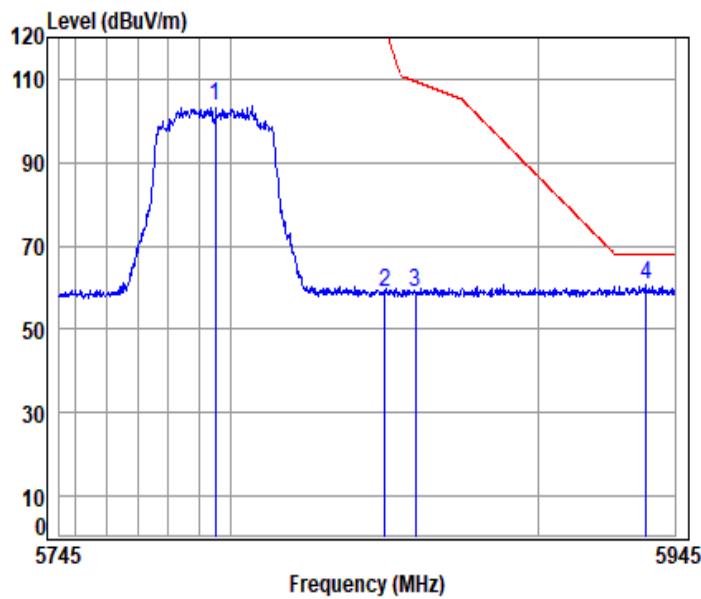
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11ax\_VHT(40M)\_TX\_CH\_159\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5795 Band edge

: 5.8G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5795.000	11.00	33.39	30.58	89.70	103.51	----- peak
2	5850.000	10.95	33.60	30.56	44.70	58.69	122.20 -63.51 peak
3	5860.000	10.94	33.58	30.56	44.87	58.83	109.40 -50.57 peak
4	pp 5935.446	10.86	33.57	30.53	46.72	60.62	68.20 -7.58 peak

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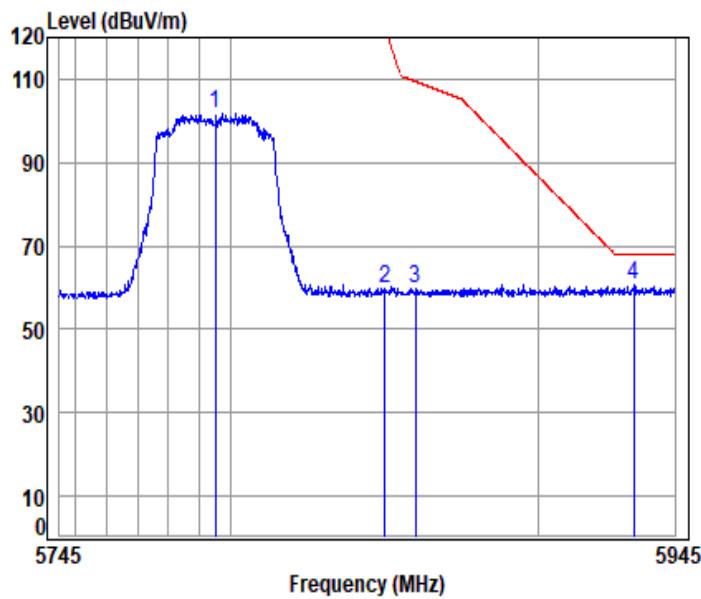
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11ax\_VHT(40M)\_TX\_CH\_159\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5795 Band edge

: 5.8G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5795.000	11.00	33.39	30.58	88.00	101.81	----- peak
2	5850.000	10.95	33.60	30.56	45.90	59.89	122.20 -62.31 peak
3	5860.000	10.94	33.58	30.56	45.84	59.80	109.40 -49.60 peak
4	pp 5931.588	10.86	33.56	30.53	46.59	60.48	68.20 -7.72 peak

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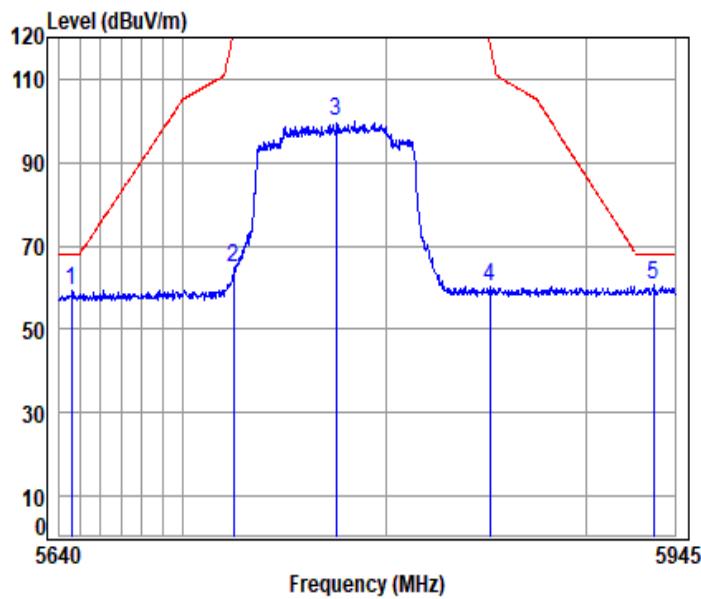
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11ax\_VHT(80M)\_TX\_CH\_155\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ax80

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5645.944	10.48	33.09	30.64	46.24	59.17	68.20	-9.03 peak
2	5724.691	10.67	33.25	30.61	51.27	64.58	121.50	-56.92 peak
3	5775.000	10.91	33.35	30.59	86.33	100.00	-----	----- peak
4	5851.500	10.95	33.60	30.56	46.11	60.10	118.78	-58.68 peak
5 pp	5934.364	10.86	33.57	30.53	47.01	60.91	68.20	-7.29 peak

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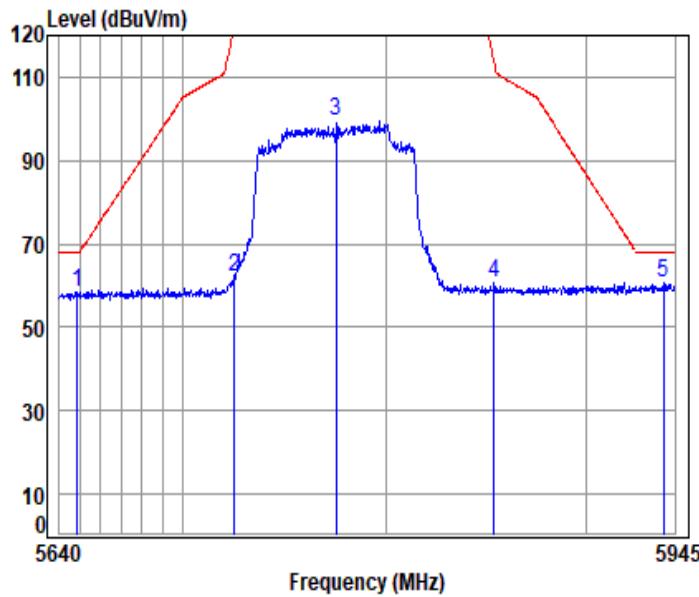
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11ax\_VHT(80M)\_TX\_CH\_155\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5775 Band edge

: 5.8G Wi-Fi 11ax80

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5648.621	10.48	33.10	30.64	45.68	58.62	68.20	-9.58 peak
2	5724.993	10.67	33.25	30.61	48.68	61.99	122.18	-60.19 peak
3	5775.000	10.91	33.35	30.59	85.89	99.56	-----	----- peak
4	5853.657	10.95	33.59	30.56	46.48	60.46	113.86	-53.40 peak
5 pp	5939.367	10.86	33.58	30.52	46.58	60.50	68.20	-7.70 peak

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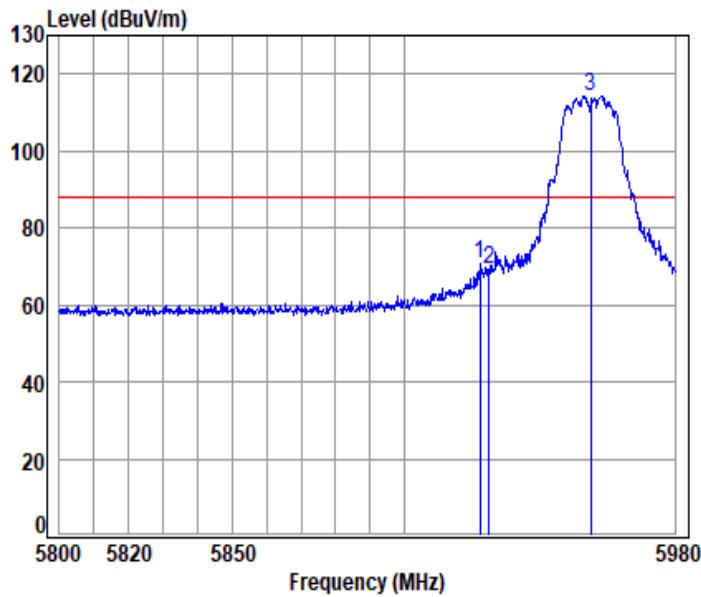
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## 11a\_TX\_CH\_001\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5955 Band edge  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Level	Limit Line	Over Limit	Remark
				Level				
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dB	
1 5922.343	10.87	33.54	30.78	57.25	70.88	88.20	-17.32	peak
2 5925.000	10.87	33.55	30.78	55.62	69.26	88.20	-18.94	peak
3 pp 5955.000	10.85	33.62	30.79	100.63	114.31	88.20	26.11	peak

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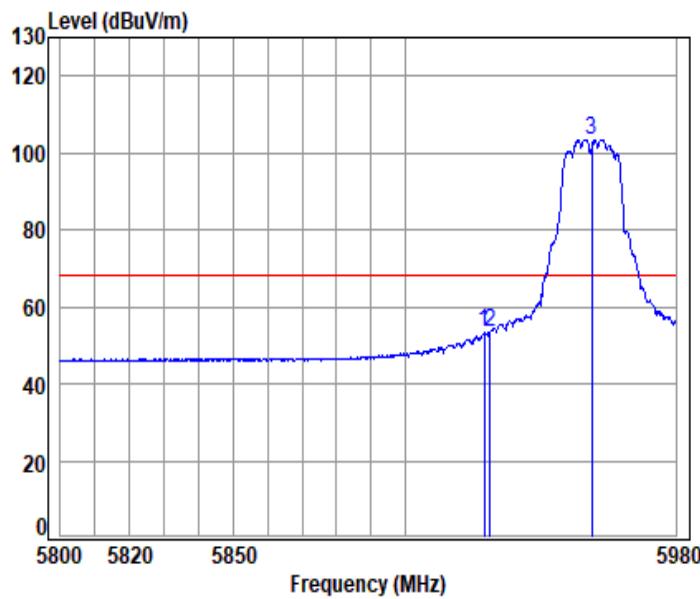
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11a\_TX\_CH\_001\_Horizontal-AVG



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5955 Band edge  
: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5923.430	10.87	33.55	30.78	39.95	53.59	68.20 -14.61 Average
2	5925.000	10.87	33.55	30.78	39.76	53.40	68.20 -14.80 Average
3 pp	5955.000	10.85	33.62	30.79	89.87	103.55	68.20 35.35 Average



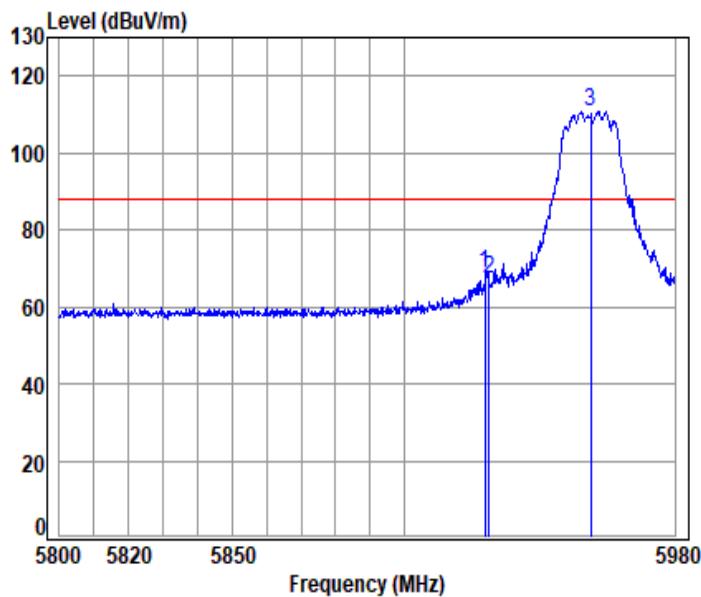
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## 11a\_TX\_CH\_001\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5955 Band edge

: Wi-Fi 6E 11a

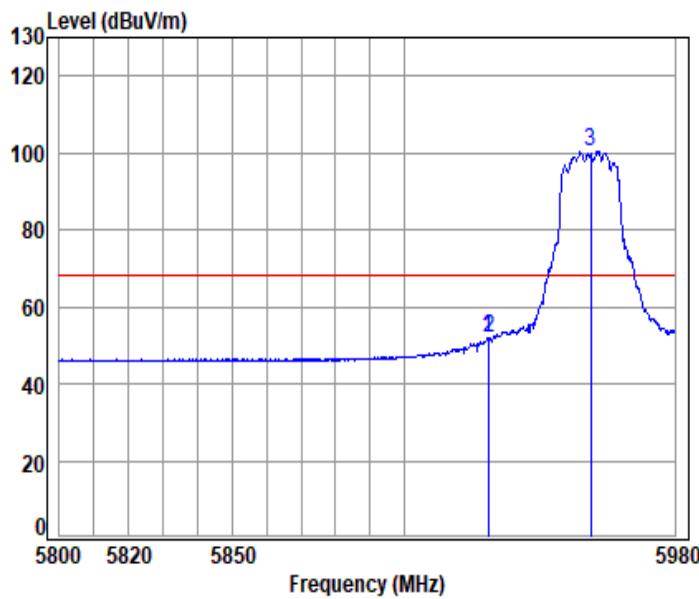
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5923.973	10.87	33.55	30.78	55.12	68.76	88.20 -19.44 peak
2	5925.000	10.87	33.55	30.78	53.50	67.14	88.20 -21.06 peak
3 pp	5955.000	10.85	33.62	30.79	97.15	110.83	88.20 22.63 peak



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## 11a\_TX\_CH\_001\_Vertical-AVG



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

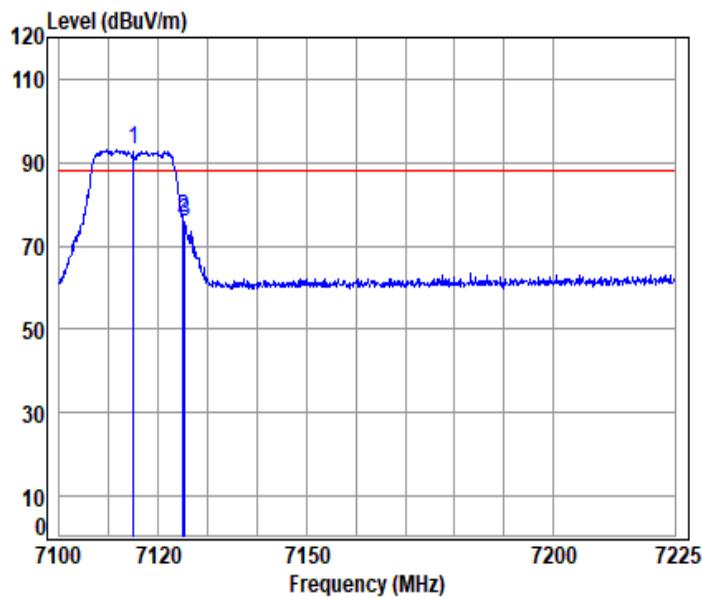
Mode : 5955 Band edge

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5924.878	10.87	33.55	30.78	38.17	51.81	68.20 -16.39 Average
2	5925.000	10.87	33.55	30.78	38.06	51.70	68.20 -16.50 Average
3 pp	5955.000	10.85	33.62	30.79	86.71	100.39	68.20 32.19 Average



## 11a\_TX\_CH\_233\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 7115 Band edge  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	7115.000	11.81	36.43	31.16	76.11	93.19	88.20 4.99 peak
2	7125.000	11.82	36.45	31.17	59.38	76.48	88.20 -11.72 peak
3	7125.323	11.82	36.45	31.17	58.51	75.61	88.20 -12.59 peak

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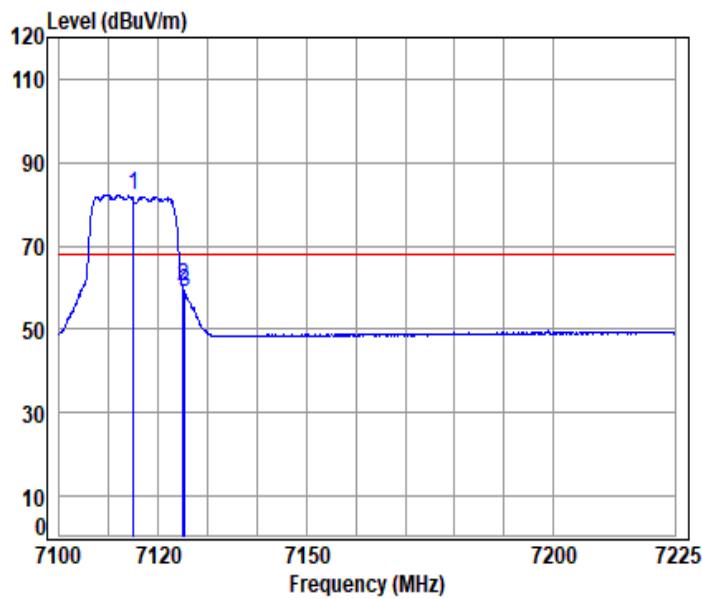
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11a\_TX\_CH\_233\_Horizontal-AVG



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 7115 Band edge  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	7115.000	11.81	36.43	31.16	65.15	82.23	68.20	14.03	Average
2	7125.000	11.82	36.45	31.17	43.00	60.10	68.20	-8.10	Average
3	7125.323	11.82	36.45	31.17	41.63	58.73	68.20	-9.47	Average

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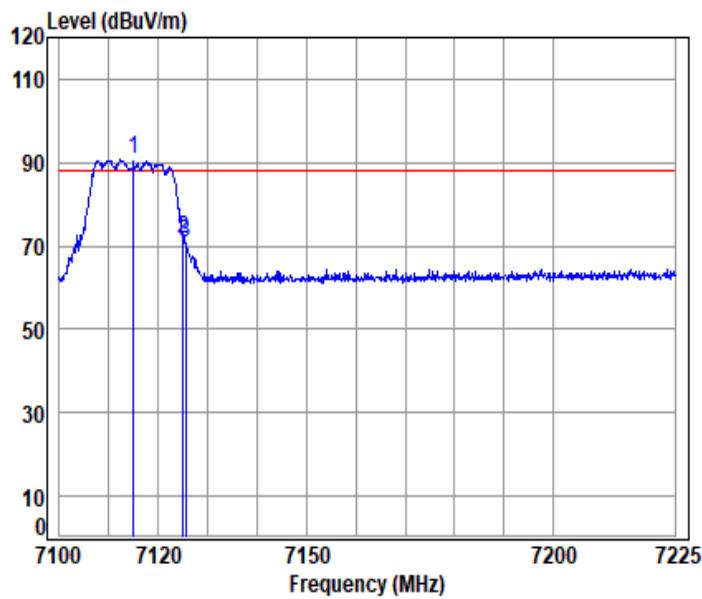
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## 11a\_TX\_CH\_233\_Vertical-Peak

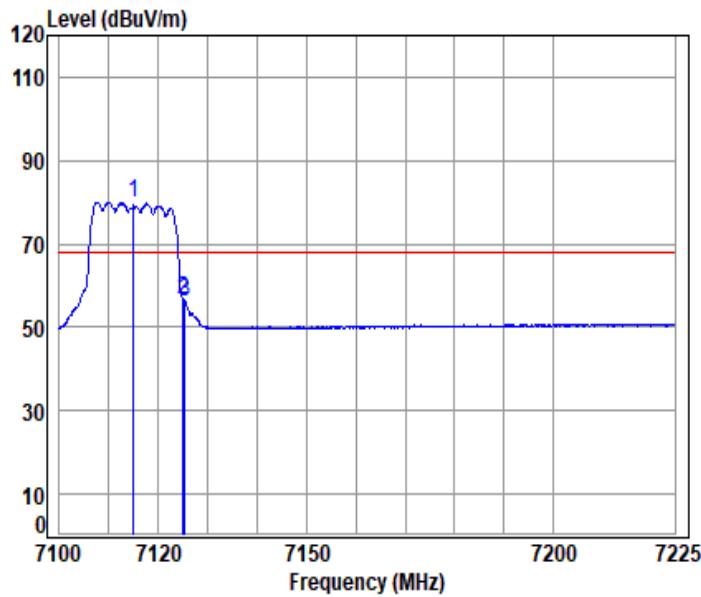


Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 7115 Band edge  
: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	7115.000	11.81	36.43	31.16	73.71	90.79	88.20 2.59 peak
2	7125.000	11.82	36.45	31.17	54.35	71.45	88.20 -16.75 peak
3	7125.448	11.82	36.45	31.17	53.82	70.92	88.20 -17.28 peak



11a\_TX\_CH\_233\_Vertical-AVG



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 7115 Band edge

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	7115.000	11.81	36.43	31.16	62.83	79.91	68.20 11.71 Average
2	7125.000	11.82	36.45	31.17	39.58	56.68	68.20 -11.52 Average
3	7125.323	11.82	36.45	31.17	38.94	56.04	68.20 -12.16 Average

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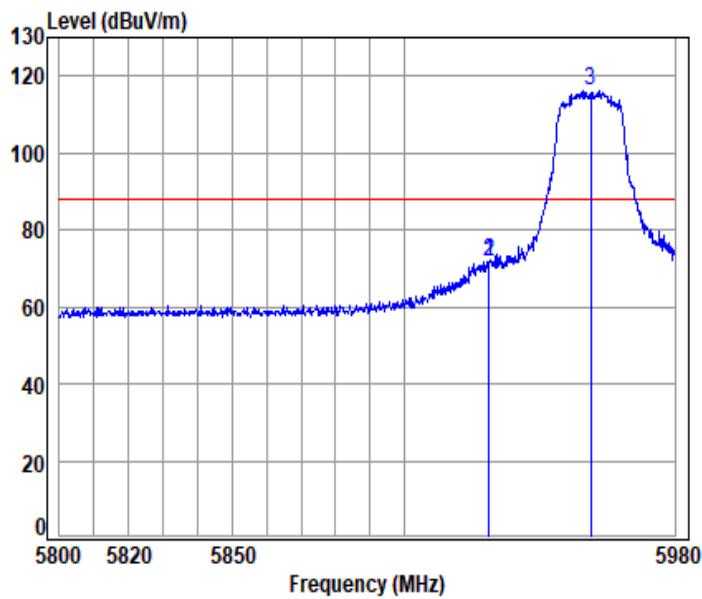
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11ax\_20M\_TX\_CH\_001\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5955 Band edge  
: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5925.000	10.87	33.55	30.78	58.26	71.90	88.20 -16.30 peak
2	5925.059	10.87	33.55	30.78	58.26	71.90	88.20 -16.30 peak
3 pp	5955.000	10.85	33.62	30.79	102.44	116.12	88.20 27.92 peak

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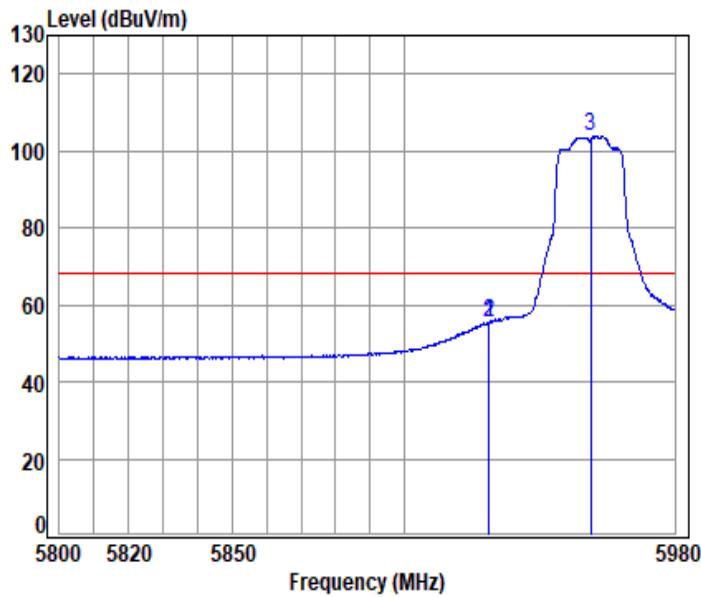
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11ax\_20M\_TX\_CH\_001\_Horizontal-AVG



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5955 Band edge  
: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5925.000	10.87	33.55	30.78	41.78	55.42	68.20 -12.78 Average
2	5925.059	10.87	33.55	30.78	41.78	55.42	68.20 -12.78 Average
3 pp	5955.000	10.85	33.62	30.79	90.04	103.72	68.20 35.52 Average

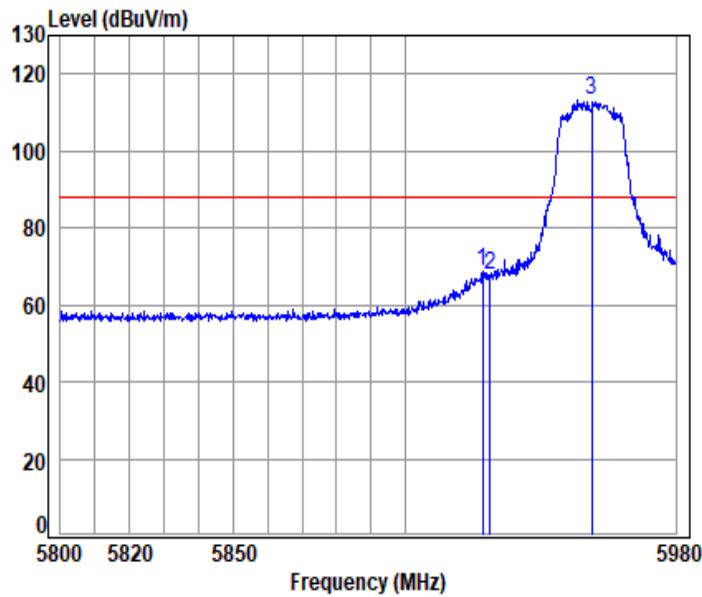
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11ax\_20M\_TX\_CH\_001\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5955 Band edge

: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5922.886	10.87	33.55	30.78	55.23	68.87	88.20 -19.33 peak
2	5925.000	10.87	33.55	30.78	54.24	67.88	88.20 -20.32 peak
3 pp	5955.000	10.85	33.62	30.79	99.38	113.06	88.20 24.86 peak

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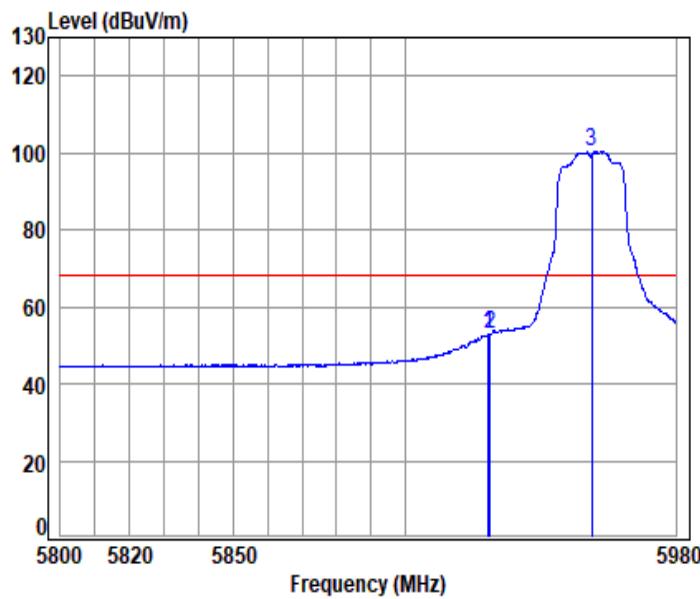
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11ax\_20M\_TX\_CH\_001\_Vertical-AVG



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5955 Band edge

: Wi-Fi 6E 11ax20

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	MHz	Loss	Factor	Factor	Level	Level	Line	Limit
1	5924.697	10.87	33.55	30.78	39.46	53.10	68.20	-15.10
2	5925.000	10.87	33.55	30.78	39.28	52.92	68.20	-15.28
3 pp	5955.000	10.85	33.62	30.79	86.55	100.23	68.20	32.03

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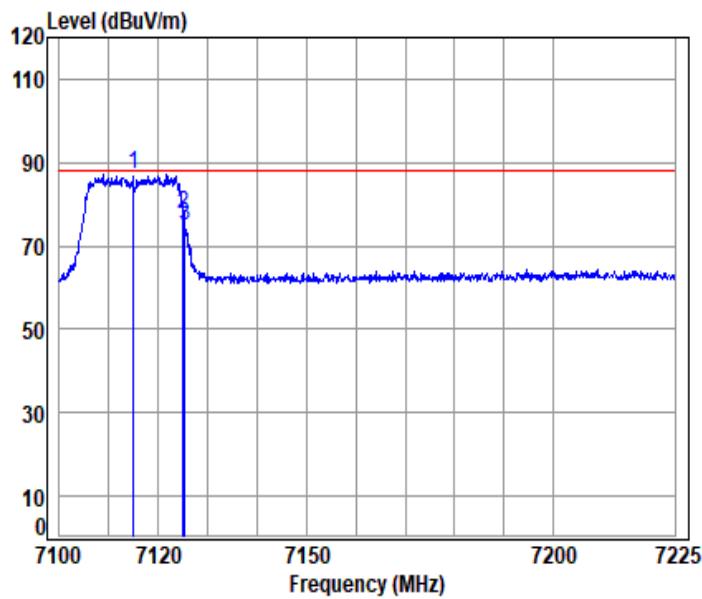
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11ax\_20M\_TX\_CH\_233\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 7115 Band edge  
: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	7115.000	11.81	36.43	31.16	70.18	87.26	88.20 -0.94 peak
2	7125.000	11.82	36.45	31.17	60.39	77.49	88.20 -10.71 peak
3	7125.323	11.82	36.45	31.17	57.64	74.74	88.20 -13.46 peak

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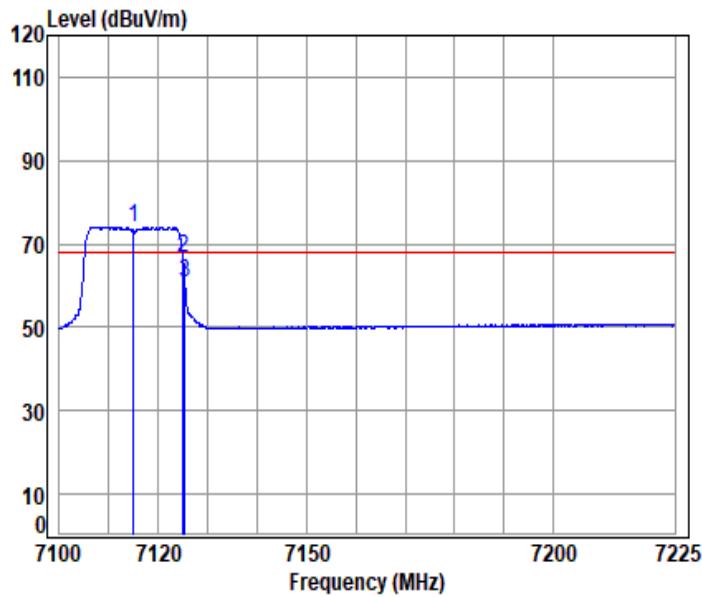
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11ax\_20M\_TX\_CH\_233\_Horizontal-AVG



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 7115 Band edge  
: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	7115.000	11.81	36.43	31.16	57.03	74.11	68.20 5.91 Average
2	7125.000	11.82	36.45	31.17	49.55	66.65	68.20 -1.55 Average
3	7125.323	11.82	36.45	31.17	43.60	60.70	68.20 -7.50 Average

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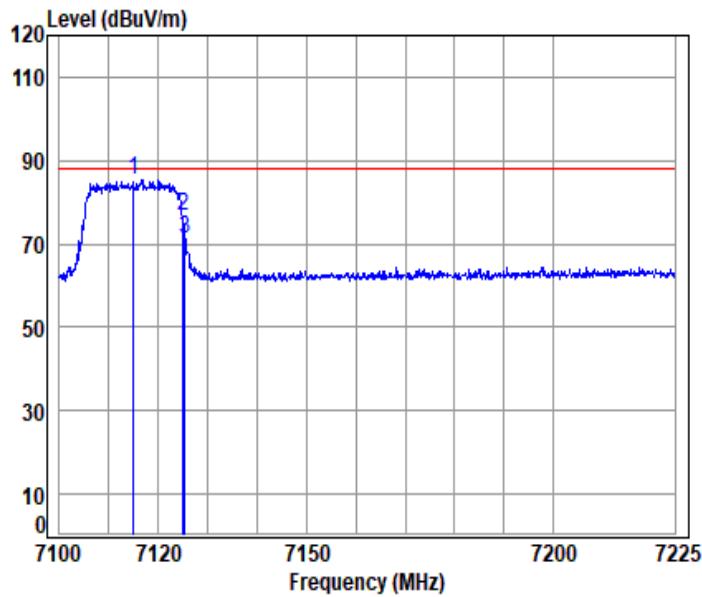
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11ax\_20M\_TX\_CH\_233\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	7115.000	11.81	36.43	31.16	68.38	85.46	88.20 -2.74 peak
2	7125.000	11.82	36.45	31.17	59.46	76.56	88.20 -11.64 peak
3	7125.323	11.82	36.45	31.17	54.01	71.11	88.20 -17.09 peak

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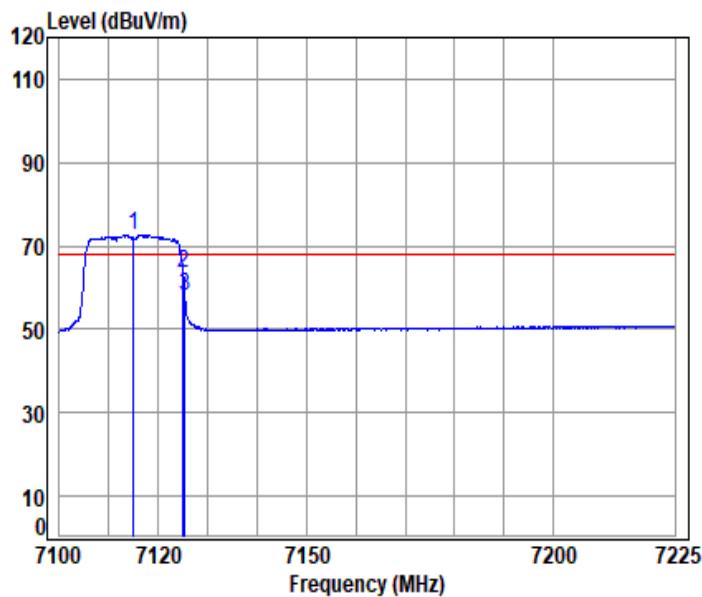
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11ax\_20M\_TX\_CH\_233\_Vertical-AVG



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 7115 Band edge

: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	7115.000	11.81	36.43	31.16	55.46	72.54	68.20 4.34 Average
2	7125.000	11.82	36.45	31.17	46.51	63.61	68.20 -4.59 Average
3	7125.323	11.82	36.45	31.17	40.93	58.03	68.20 -10.17 Average

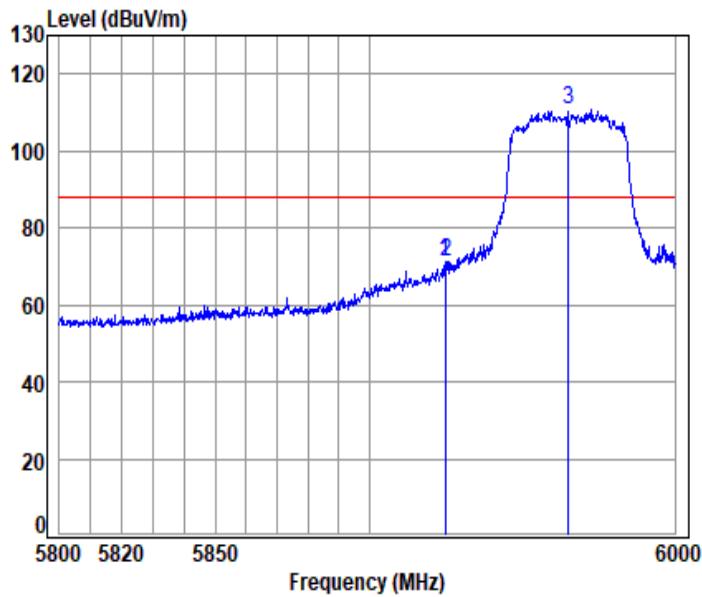
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11ax\_40M\_TX\_CH\_003\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5965 Band edge  
: Wi-Fi 6E 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5924.606	10.87	33.55	30.78	57.62	71.26	88.20 -16.94 peak
2	5925.000	10.87	33.55	30.78	57.35	70.99	88.20 -17.21 peak
3 pp	5965.000	10.84	33.66	30.79	96.77	110.48	88.20 22.28 peak

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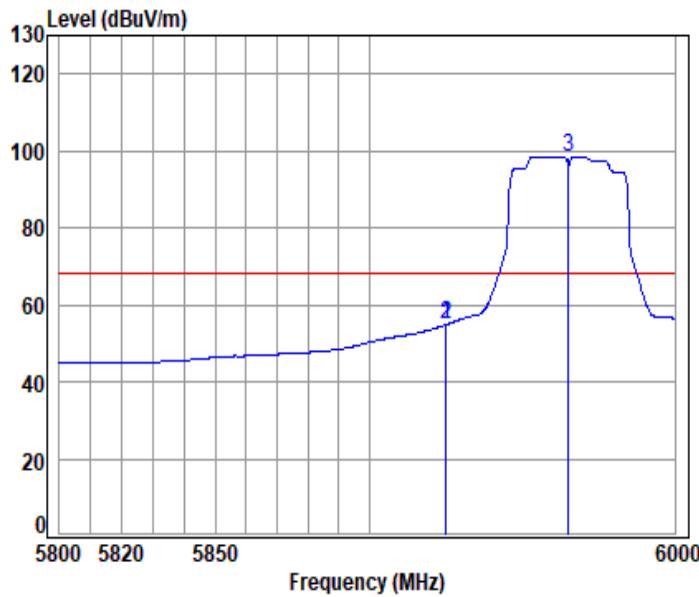
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11ax\_40M\_TX\_CH\_003\_Horizontal-AVG



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5965 Band edge  
: Wi-Fi 6E 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5924.807	10.87	33.55	30.78	41.20	54.84	68.20 -13.36 Average
2	5925.000	10.87	33.55	30.78	41.26	54.90	68.20 -13.30 Average
3 pp	5965.000	10.84	33.66	30.79	84.65	98.36	68.20 30.16 Average

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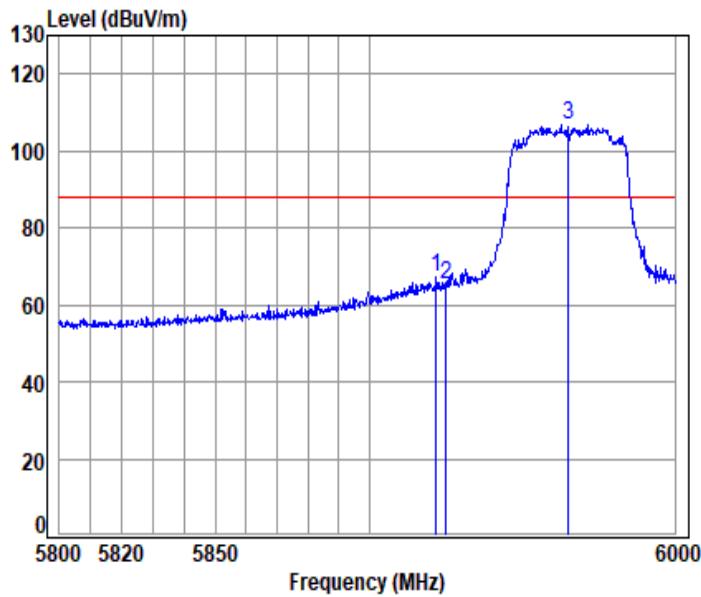
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11ax\_40M\_TX\_CH\_003\_Vertical-Peak



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5965 Band edge  
: Wi-Fi 6E 11ax40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dB	dBuV	dBuV/m	dB
1 5921.594	10.87	33.54	30.78	53.51	67.14	88.20	-21.06	peak	
2 5925.000	10.87	33.55	30.78	51.37	65.01	88.20	-23.19	peak	
3 pp 5965.000	10.84	33.66	30.79	93.20	106.91	88.20	18.71	peak	

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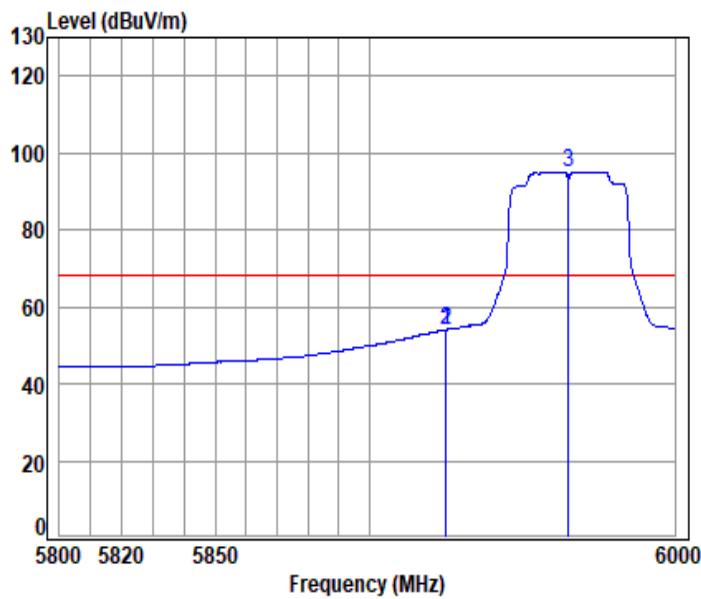
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11ax\_40M\_TX\_CH\_003\_Vertical-AVG



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5965 Band edge

: Wi-Fi 6E 11ax40

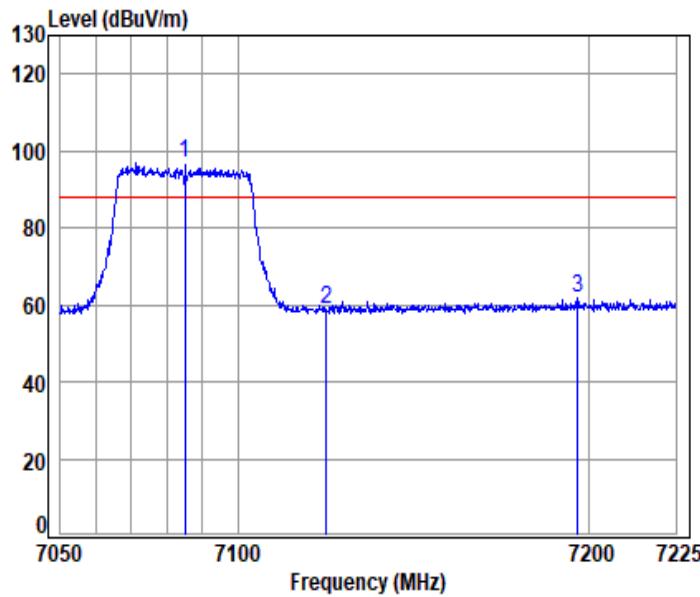
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5924.807	10.87	33.55	30.78	40.37	54.01	68.20 -14.19 Average
2	5925.000	10.87	33.55	30.78	40.41	54.05	68.20 -14.15 Average
3 pp	5965.000	10.84	33.66	30.79	81.31	95.02	68.20 26.82 Average



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11ax\_40M\_TX\_CH\_227\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 7085 Band edge  
: Wi-Fi 6E 11ax40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	7085.000	11.77	36.37	31.15	79.93	96.92	88.20	8.72	peak
2	7125.000	11.82	36.45	31.17	41.66	58.76	88.20	-29.44	peak
3	7196.887	11.89	36.59	31.20	44.32	61.60	88.20	-26.60	Peak

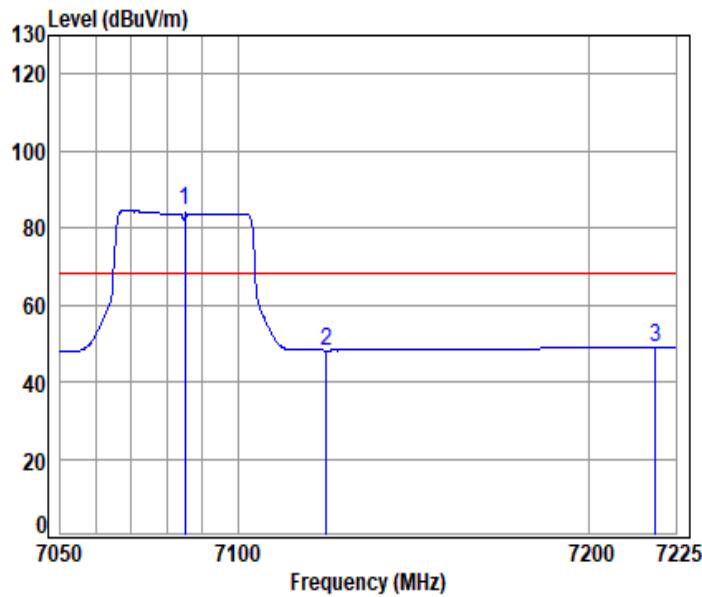
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11ax\_40M\_TX\_CH\_227\_Horizontal-AVG



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	7085.000	11.77	36.37	31.15	67.45	84.44	68.20 16.24 Average
2	7125.000	11.82	36.45	31.17	31.08	48.18	68.20 -20.02 Average
3	7219.156	11.89	36.60	31.22	31.77	49.04	68.20 -19.16 Average

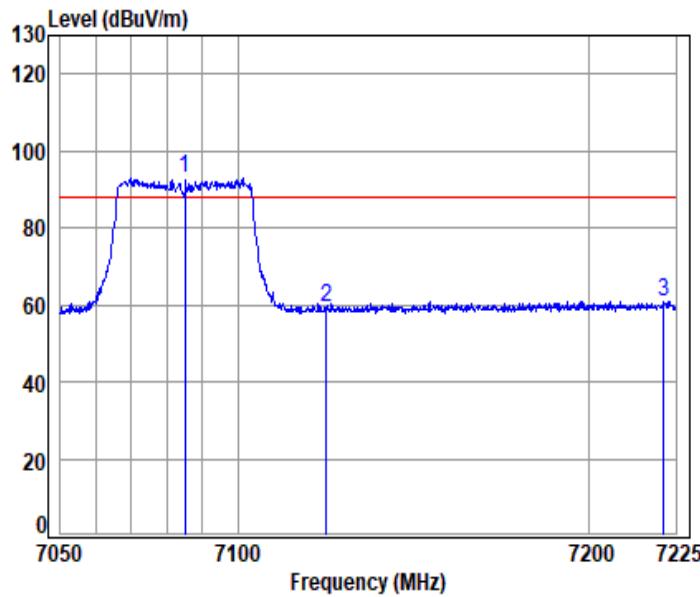
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11ax\_40M\_TX\_CH\_227\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	7085.000	11.77	36.37	31.15	76.13	93.12	88.20 4.92 peak
2	7125.000	11.82	36.45	31.17	42.33	59.43	88.20 -28.77 peak
3	7221.635	11.89	36.60	31.22	43.53	60.80	88.20 -27.40 Peak

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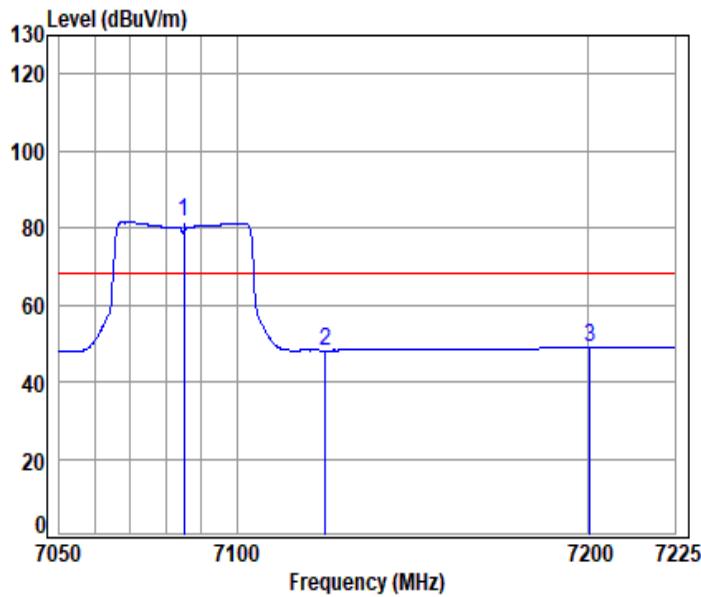
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11ax\_40M\_TX\_CH\_227\_Vertical-AVG



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 7085 Band edge

: Wi-Fi 6E 11ax40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	7085.000	11.77	36.37	31.15	64.44	81.43	68.20 13.23 Average
2	7125.000	11.82	36.45	31.17	31.08	48.18	68.20 -20.02 Average
3	7200.594	11.89	36.60	31.21	31.74	49.02	68.20 -19.18 Average

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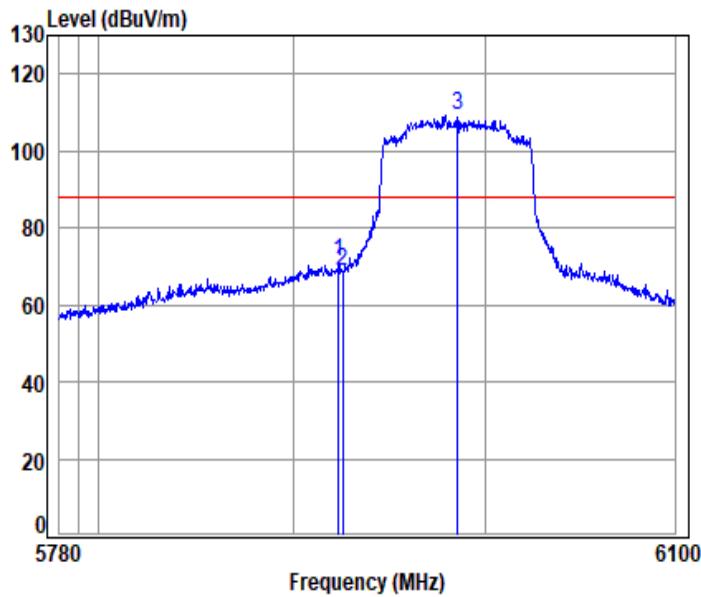
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11ax\_80M\_TX\_CH\_007\_Horizontal-Peak



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5985 Band edge  
: Wi-Fi 6E 11ax80

	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	5923.145	10.87	33.55	30.78	57.66	71.30	88.20	-16.90 peak
2	5925.000	10.87	33.55	30.78	54.96	68.60	88.20	-19.60 peak
3 pp	5985.000	10.82	33.74	30.80	95.47	109.23	88.20	21.03 peak



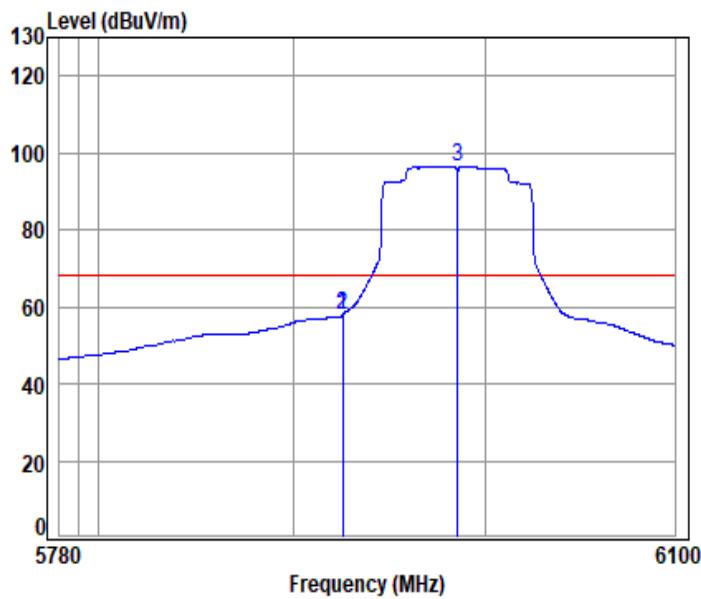
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11ax\_80M\_TX\_CH\_007\_Horizontal-AVG



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5985 Band edge  
: Wi-Fi 6E 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5925.000	10.87	33.55	30.78	44.20	57.84	68.20 -10.36 Average
2	5925.060	10.87	33.55	30.78	44.20	57.84	68.20 -10.36 Average
3 pp	5985.000	10.82	33.74	30.80	82.70	96.46	68.20 28.26 Average

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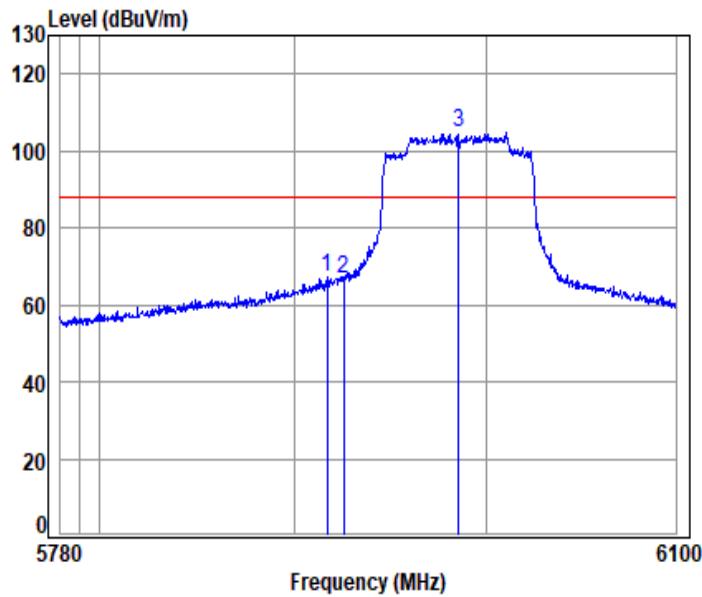
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11ax\_80M\_TX\_CH\_007\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5985 Band edge

: Wi-Fi 6E 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit

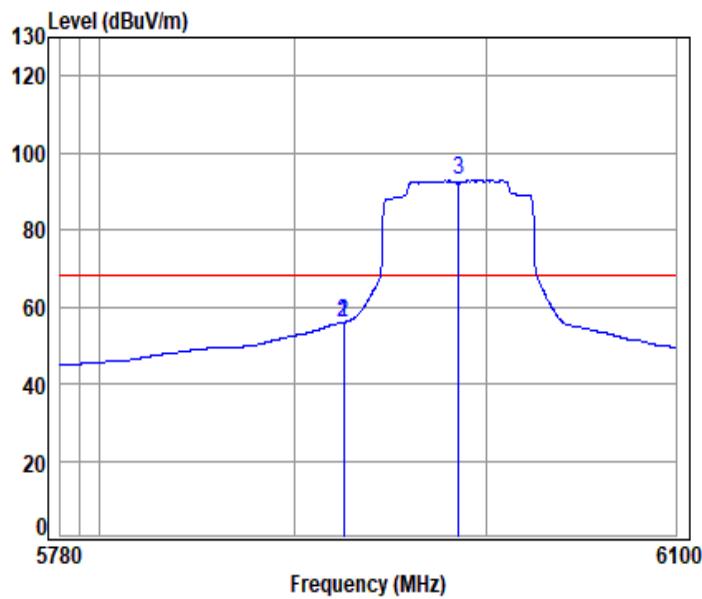
1	5916.446	10.88	33.53	30.78	53.79	67.42	88.20	-20.78 peak
2	5925.000	10.87	33.55	30.78	53.31	66.95	88.20	-21.25 peak
3 pp	5985.000	10.82	33.74	30.80	91.13	104.89	88.20	16.69 peak



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11ax\_80M\_TX\_CH\_007\_Vertical-AVG



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5985 Band edge

: Wi-Fi 6E 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5925.000	10.87	33.55	30.78	42.34	55.98	68.20 -12.22 Average
2	5925.060	10.87	33.55	30.78	42.34	55.98	68.20 -12.22 Average
3 pp	5985.000	10.82	33.74	30.80	79.16	92.92	68.20 24.72 Average

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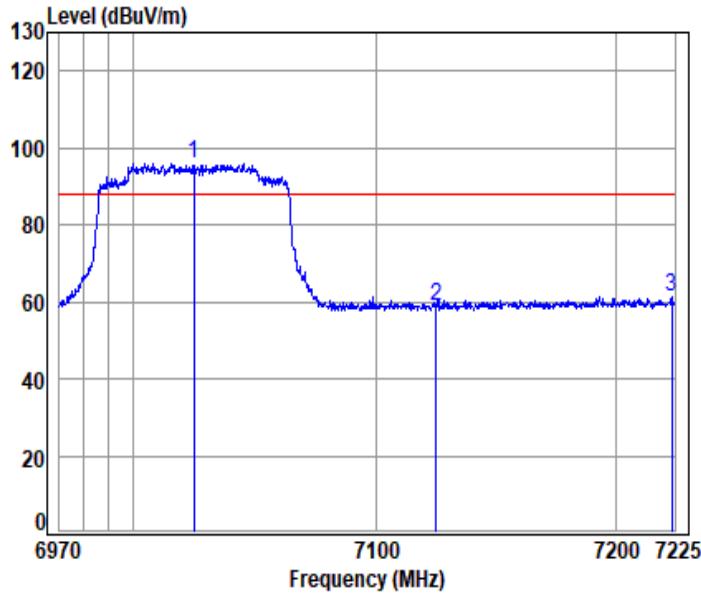
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11ax\_80M\_TX\_CH\_215\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	7025.000	11.64	36.25	31.11	79.28	96.06	88.20	7.86	peak
2	7125.000	11.82	36.45	31.17	41.57	58.67	88.20	-29.53	peak
3	7223.702	11.89	36.60	31.22	44.22	61.49	88.20	-26.71	peak

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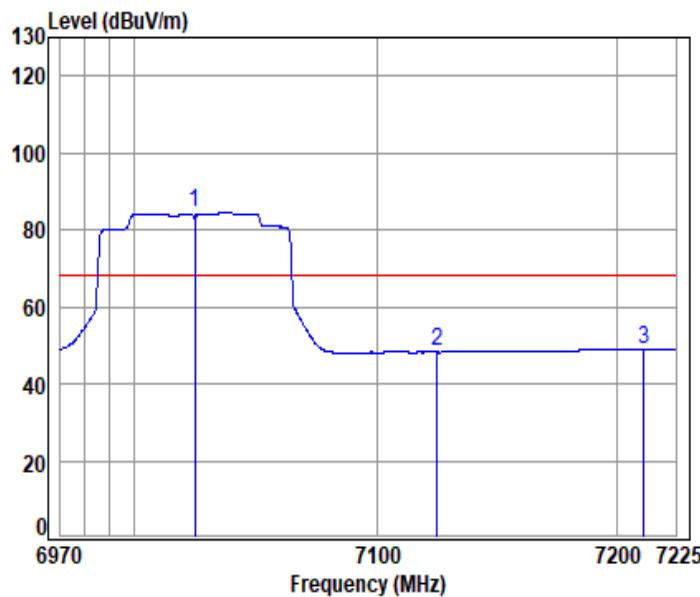
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11ax\_80M\_TX\_CH\_215\_Horizontal-AVG



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 7025 Band edge  
: Wi-Fi 6E 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	7025.000	11.64	36.25	31.11	67.64	84.42	68.20 16.22 Average
2	7125.000	11.82	36.45	31.17	31.12	48.22	68.20 -19.98 Average
3	7211.513	11.89	36.60	31.21	31.75	49.03	68.20 -19.17 Average

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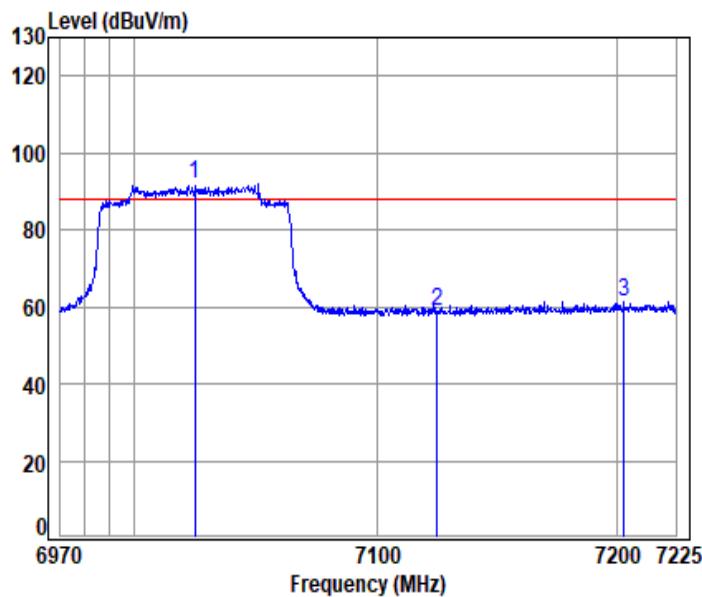
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11ax\_80M\_TX\_CH\_215\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	7025.000	11.64	36.25	31.11	75.20	91.98	88.20	3.78	peak
2	7125.000	11.82	36.45	31.17	41.66	58.76	88.20	-29.44	peak
3	7203.226	11.89	36.60	31.21	44.00	61.28	88.20	-26.92	peak

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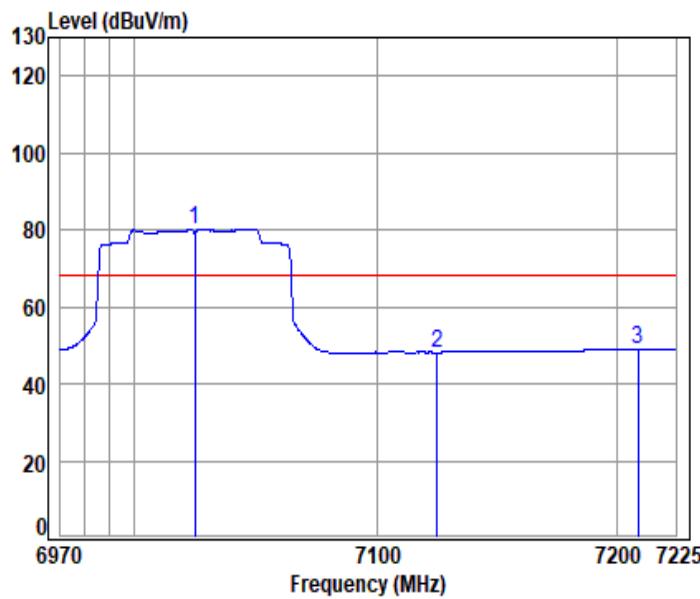
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11ax\_80M\_TX\_CH\_215\_Vertical-AVG



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 7025 Band edge

: Wi-Fi 6E 11ax80

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	7025.000	11.64	36.25	31.11	63.29	80.07	68.20 11.87 Average
2	7125.000	11.82	36.45	31.17	31.03	48.13	68.20 -20.07 Average
3	7209.181	11.89	36.60	31.21	31.76	49.04	68.20 -19.16 Average

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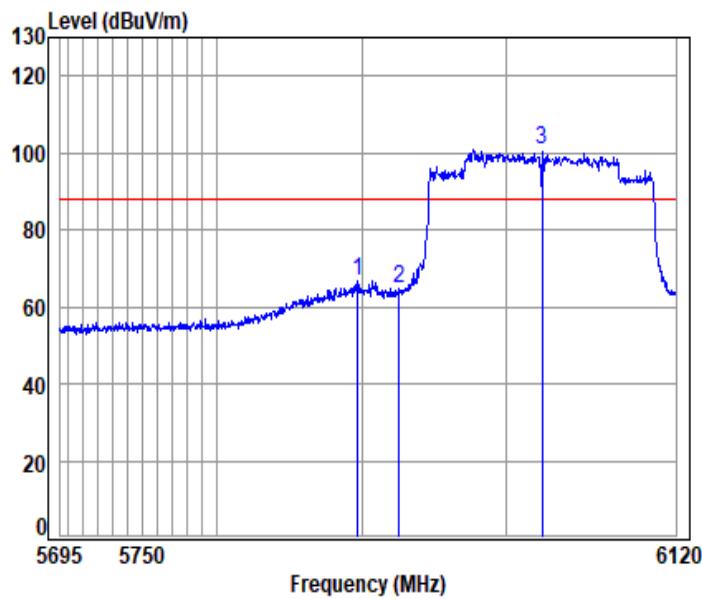
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11ax\_160M\_TX\_CH\_015\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5896.458	10.89	33.51	30.77	53.05	66.68	88.20 -21.52 peak
2	5925.000	10.87	33.55	30.78	51.10	64.74	88.20 -23.46 peak
3 pp	6025.000	10.82	33.85	30.81	86.87	100.73	88.20 12.53 peak

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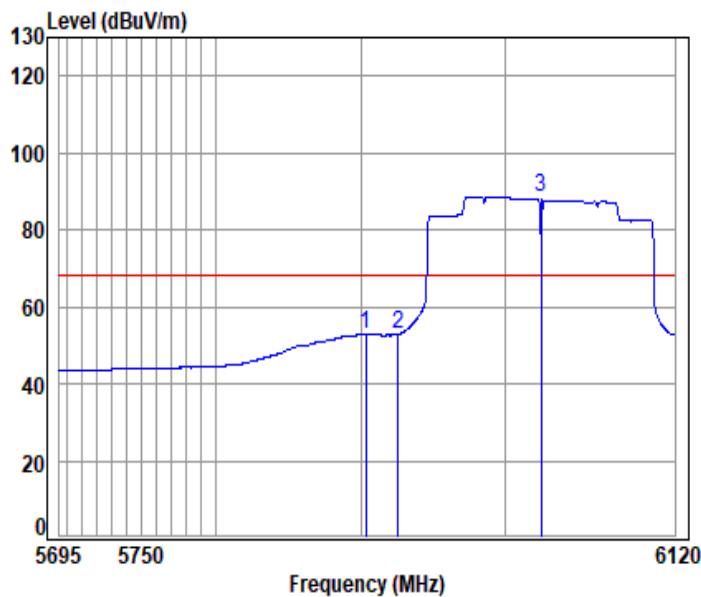
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11ax\_160M\_TX\_CH\_015\_Horizontal-AVG



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				dB	dB/m	dB	dBuV	dBuV/m
1 5902.827	10.89	33.51	30.77	39.25	52.88	68.20	-15.32	Average
2 5925.000	10.87	33.55	30.78	39.22	52.86	68.20	-15.34	Average
3 pp 6025.000	10.82	33.85	30.81	74.65	88.51	68.20	20.31	Average

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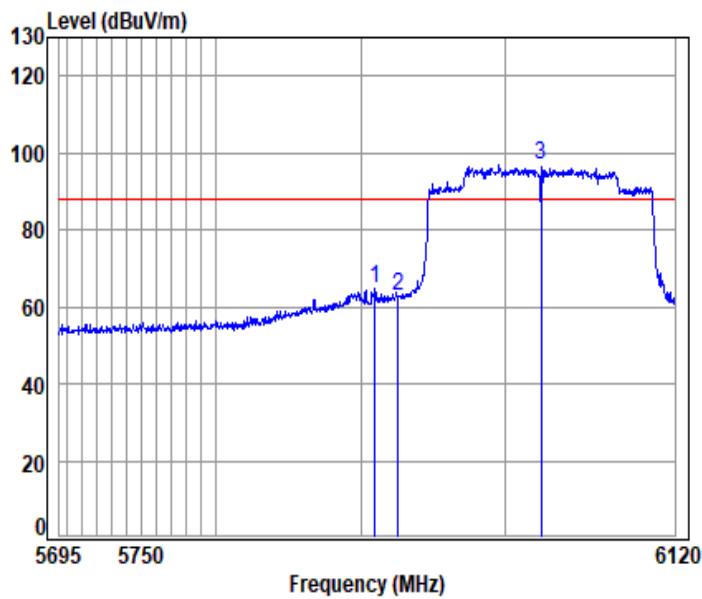
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11ax\_160M\_TX\_CH\_015\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5909.203	10.88	33.52	30.77	51.34	64.97	88.20 -23.23 peak
2	5925.000	10.87	33.55	30.78	49.16	62.80	88.20 -25.40 peak
3 pp	6025.000	10.82	33.85	30.81	82.98	96.84	88.20 8.64 peak

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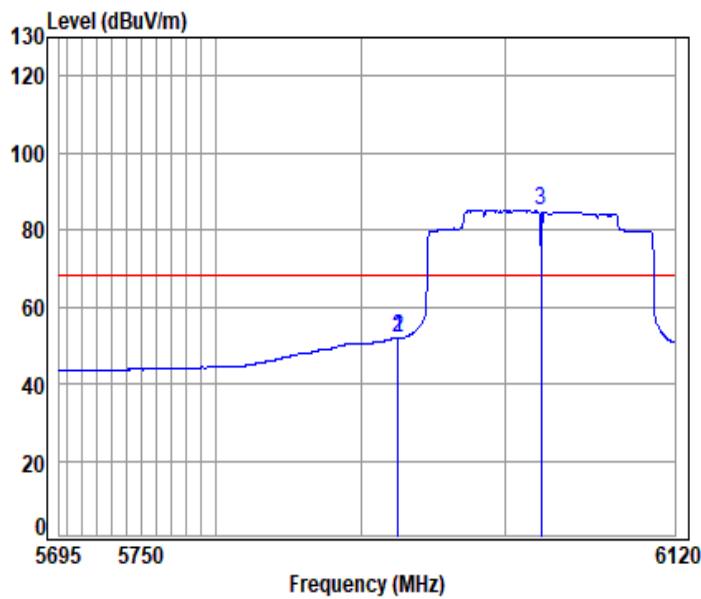
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11ax\_160M\_TX\_CH\_015\_Vertical-AVG



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6025 Band edge

: Wi-Fi 6E 11ax160

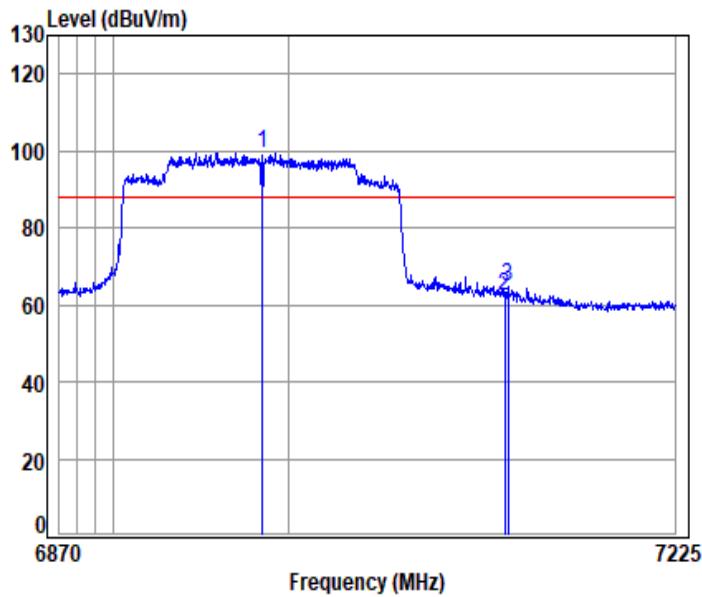
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	5924.960	10.87	33.55	30.78	38.19	51.83	68.20 -16.37 Average
2	5925.000	10.87	33.55	30.78	38.19	51.83	68.20 -16.37 Average
3 pp	6025.000	10.82	33.85	30.81	71.14	85.00	68.20 16.80 Average

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11ax\_160M\_TX\_CH\_207\_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1 pp	6985.000	11.57	36.17	31.10	82.95	99.59	88.20	11.39 peak
2	7125.000	11.82	36.45	31.17	44.98	62.08	88.20	-26.12 peak
3	7127.021	11.82	36.45	31.17	47.41	64.51	88.20	-23.69 peak

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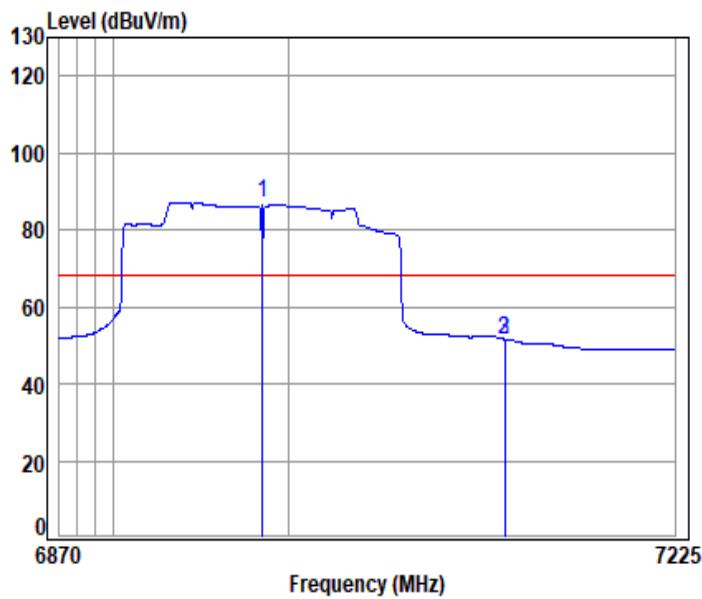
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11ax\_160M\_TX\_CH\_207\_Horizontal-AVG



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	6985.000	11.57	36.17	31.10	70.41	87.05	68.20 18.85 Average
2	7125.000	11.82	36.45	31.17	34.52	51.62	68.20 -16.58 Average
3	7125.227	11.82	36.45	31.17	34.47	51.57	68.20 -16.63 Average

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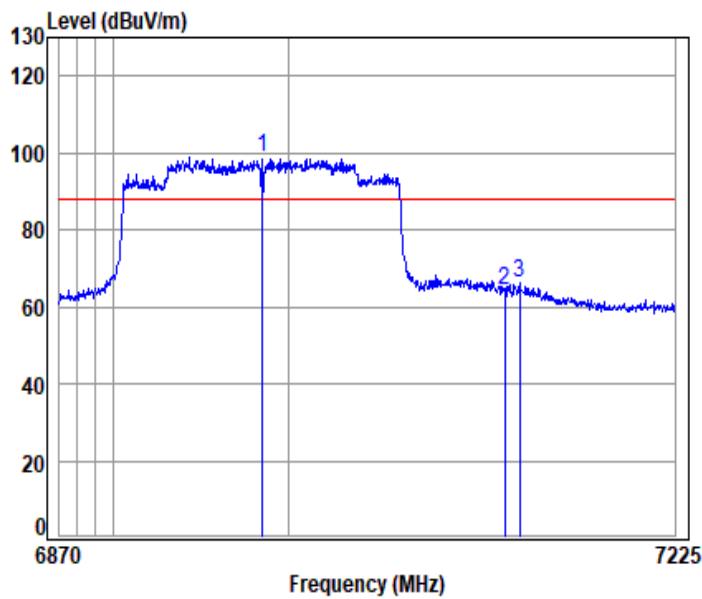
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11ax\_160M\_TX\_CH\_207\_Vertical-Peak



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1 pp	6985.000	11.57	36.17	31.10	82.05	98.69	88.20	10.49 peak
2	7125.000	11.82	36.45	31.17	47.30	64.40	88.20	-23.80 peak
3	7133.847	11.83	36.47	31.17	49.17	66.30	88.20	-21.90 peak

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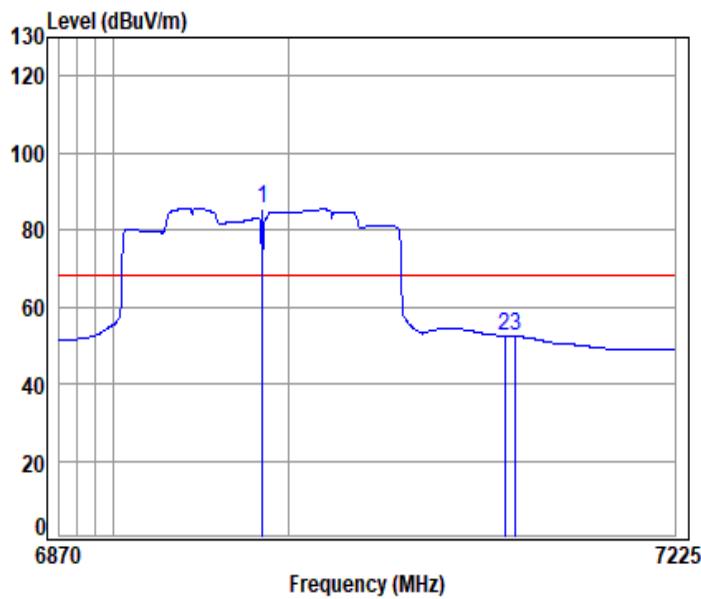
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11ax\_160M\_TX\_CH\_207\_Vertical-AVG



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6985 Band edge

: Wi-Fi 6E 11ax160

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1 pp	6985.000	11.57	36.17	31.10	69.10	85.74	68.20	17.54 Average
2	7125.000	11.82	36.45	31.17	35.06	52.16	68.20	-16.04 Average
3	7131.332	11.83	36.46	31.17	35.37	52.49	68.20	-15.71 Average

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## 7.4 Radiated Emissions (Below 1GHz)

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

Test Method: ANSI C63.10 (2020) Section 6.4,6.5

Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
960-1000	500	3

### 7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 23.4 °C

Humidity: 42.8 % RH

Atmospheric Pressure: 1020 mbar

### 7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	25	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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	26	Charge + TX mode (U-NII-1)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	27	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

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 208 of 340

		found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Pre-scan	28	Charge + TX mode (U-NII-2A)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Pre-scan	29	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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	30	Charge + TX mode (U-NII-2C)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	31	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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Pre-scan	32	Charge + TX mode (U-NII-3)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz);

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 209 of 340

		802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Pre-scan	33	TX mode (U-NII-5)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	34	Charge + TX mode (U-NII-5)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	35	TX mode (U-NII-6)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	36	Charge + TX mode (U-NII-6)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	37	TX mode (U-NII-7)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.

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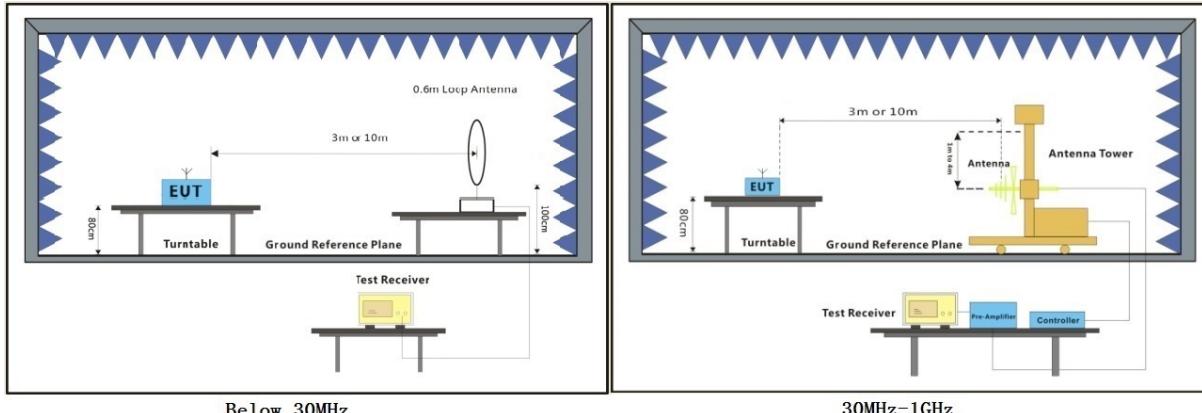
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn

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		802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	38	Charge + TX mode (U-NII-7)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	39	TX mode (U-NII-8)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	40	Charge + TX mode (U-NII-8)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.

#### 7.4.3 Test Setup Diagram



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**7.4.4 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. 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.
- c. 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.
- d. 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.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. 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 quasi-peak method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. 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.
- i. 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 30MHz, the disturbance 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.

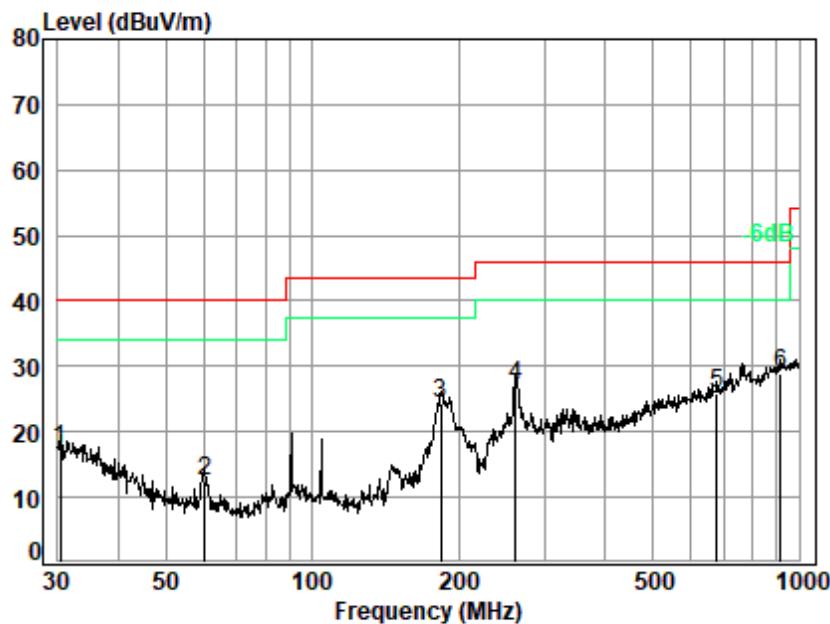
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Test Mode: 26; Polarity: Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No. : 02127AT/02128AT

Test Mode: 26

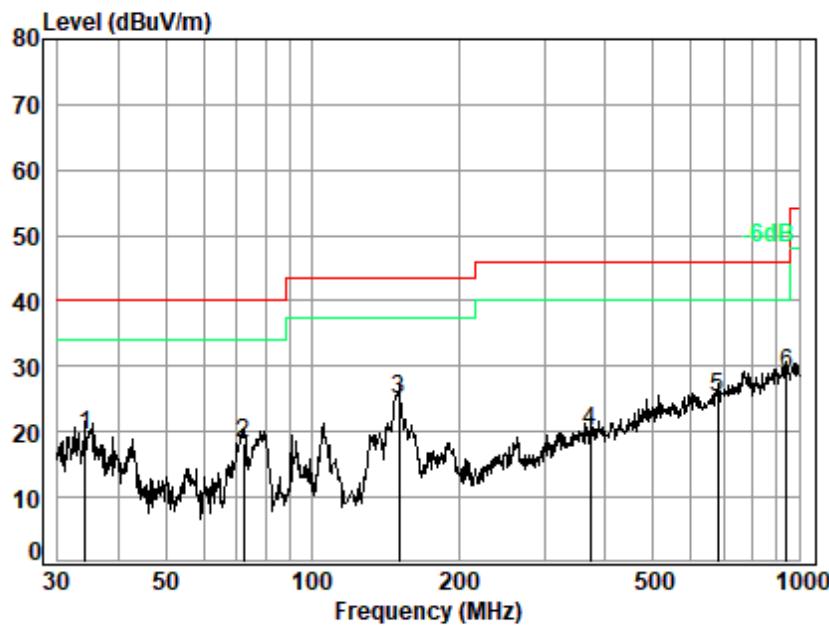
Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Limit		Over Line	Over Limit	Remark
					dB	dBuV			
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB	
1	30.317	21.05	0.67	27.79	23.47	17.40	40.00	-22.60	QP
2	60.069	11.47	0.95	27.71	27.64	12.35	40.00	-27.65	QP
3	183.844	14.22	1.69	27.24	35.52	24.19	43.50	-19.31	QP
4	261.058	17.19	2.05	26.91	34.63	26.96	46.00	-19.04	QP
5	677.580	25.78	3.48	27.78	24.28	25.76	46.00	-20.24	QP
6	916.069	28.06	4.16	26.65	23.33	28.90	46.00	-17.10	QP

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Test Mode: 26; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No. : 02127AT/02128AT  
Test Mode: 26

Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Limit		Over Line	Over Limit	Remark
					dBuV	dBuV/m			
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	34.156	19.34	0.72	27.78	27.34	19.62	40.00	-20.38	QP
2	72.338	10.47	1.04	27.67	34.54	18.38	40.00	-21.62	QP
3	151.067	13.17	1.54	27.38	37.62	24.95	43.50	-18.55	QP
4	372.005	20.54	2.48	27.04	24.16	20.14	46.00	-25.86	QP
5	679.960	25.86	3.48	27.77	23.72	25.29	46.00	-20.71	QP
6 q	942.131	28.19	4.23	26.46	22.84	28.80	46.00	-17.20	QP

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## 7.5 Radiated Emissions (Above 1GHz)

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

Test Method: ANSI C63.10 (2020) Section 6.6

Measurement Distance: 3m

Limit:

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

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

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

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

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

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

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

### 7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C      Humidity: 40.2 % RH      Atmospheric Pressure: 1020 mbar

### 7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	25	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

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 215 of 340

		found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	26	Charge + TX mode (U-NII-1)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	27	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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Final test	28	Charge + TX mode (U-NII-2A)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Pre-scan	29	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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	30	Charge + TX mode (U-NII-2C)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 216 of 340

		worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	31	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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Final test	32	Charge + TX mode (U-NII-3)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Pre-scan	33	TX mode (U-NII-5)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	34	Charge + TX mode (U-NII-5)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	35	TX mode (U-NII-6)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 217 of 340

		802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	36	Charge + TX mode (U-NII-6)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	37	TX mode (U-NII-7)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	38	Charge + TX mode (U-NII-7)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	39	TX mode (U-NII-8)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	40	Charge + TX mode (U-NII-8)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500212705

Page: 218 of 340

802.11ax(160MHz). Only the data of worst case is recorded in the report.

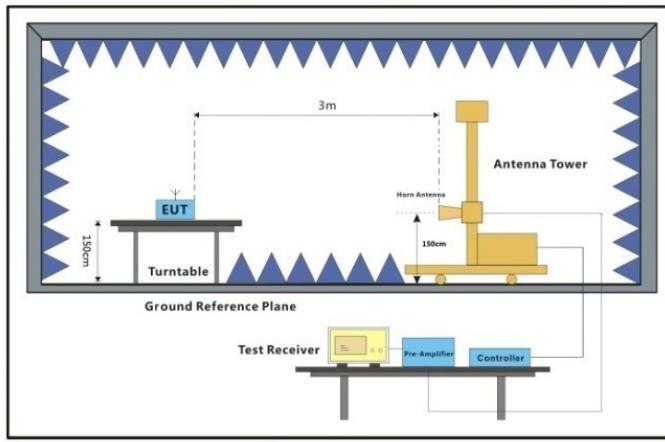


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**7.5.3 Test Setup Diagram**

Above 1GHz

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**7.5.4 Measurement Procedure and Data**

- a. 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.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. 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.
- d. 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.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. 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 or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. 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.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.
6. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.
7. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is  $\geq 1/T$  (Duty cycle  $< 98\%$ ) or 10Hz (Duty cycle  $\geq 98\%$ ) for Average detection (AV) at frequency above 1GHz.

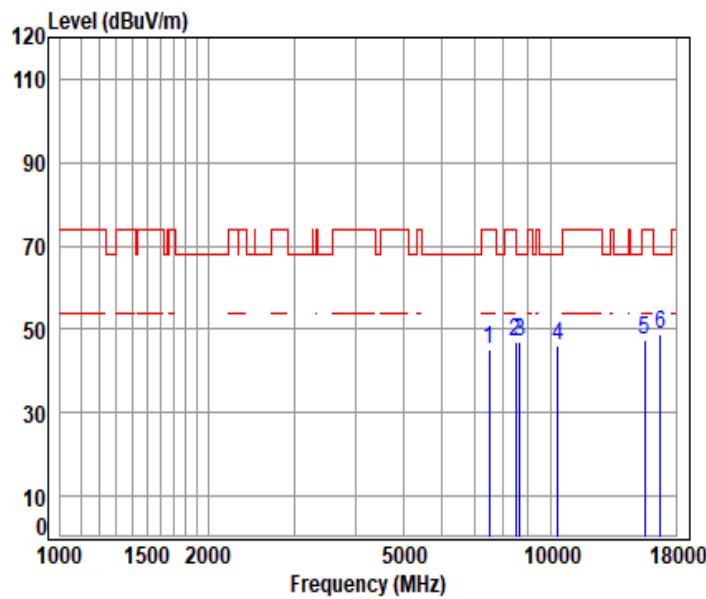
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## 11a\_TX\_CH\_36\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5180 TX RSE  
: 5G Wi-Fi 11a

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7480.987	11.28	36.80	56.65	53.66	45.09	74.00	-28.91	peak
2	8479.478	12.17	38.34	56.32	52.77	46.96	74.00	-27.04	peak
3	8662.807	12.04	38.45	56.25	52.56	46.80	68.20	-21.40	peak
4	10360.000	13.60	39.00	55.68	48.98	45.90	68.20	-22.30	peak
5	15540.000	17.00	38.56	54.05	45.79	47.30	74.00	-26.70	peak
6	pp16761.290	17.51	39.52	54.08	45.75	48.70	68.20	-19.50	peak

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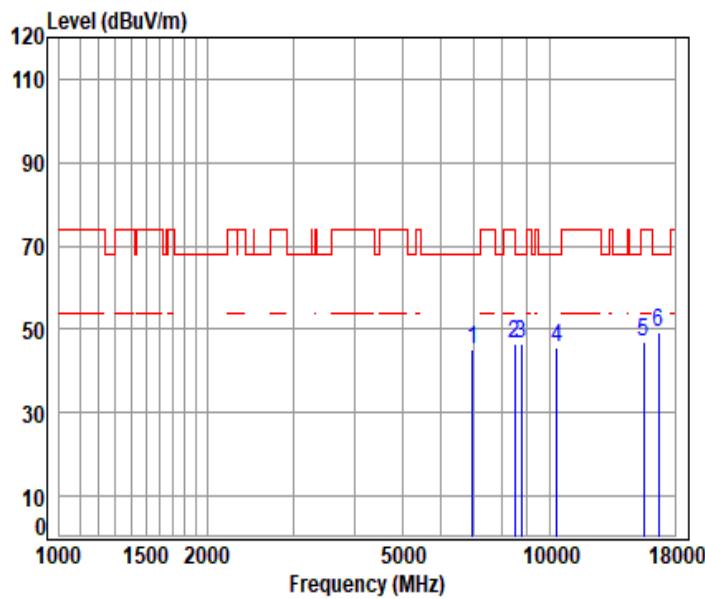
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11a\_TX\_CH\_36\_Vertical



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5180 TX RSE  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1	6951.989	11.37	36.10	56.76	54.46	45.17	68.20	-23.03 peak
2	8488.119	12.23	38.32	56.31	52.51	46.75	74.00	-27.25 peak
3	8760.413	12.19	38.50	56.22	52.11	46.58	68.20	-21.62 peak
4	10360.000	13.60	39.00	55.68	48.63	45.55	68.20	-22.65 peak
5	15540.000	17.00	38.56	54.05	45.28	46.79	74.00	-27.21 peak
6	pp16693.140	17.59	39.39	54.07	46.50	49.41	68.20	-18.79 peak

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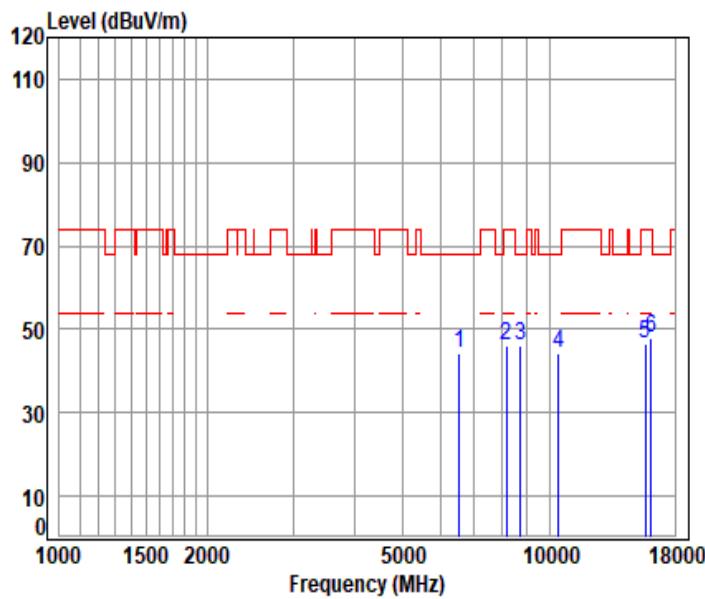
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## 11a\_TX\_CH\_44\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5220 TX RSE  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV	dBuV/m	dBuV/m
1 6546.511	11.64	34.99	56.41	53.94	44.16	68.20	-24.04	peak
2 8157.544	11.52	37.92	56.44	53.13	46.13	74.00	-27.87	peak
3 pp 8733.685	12.14	38.53	56.22	51.67	46.12	68.20	-22.08	peak
4 10440.000	13.63	39.04	55.66	47.33	44.34	68.20	-23.86	peak
5 15660.000	17.23	38.56	54.03	44.82	46.58	74.00	-27.42	peak
6 16075.730	17.09	38.52	54.01	46.15	47.75	74.00	-26.25	peak

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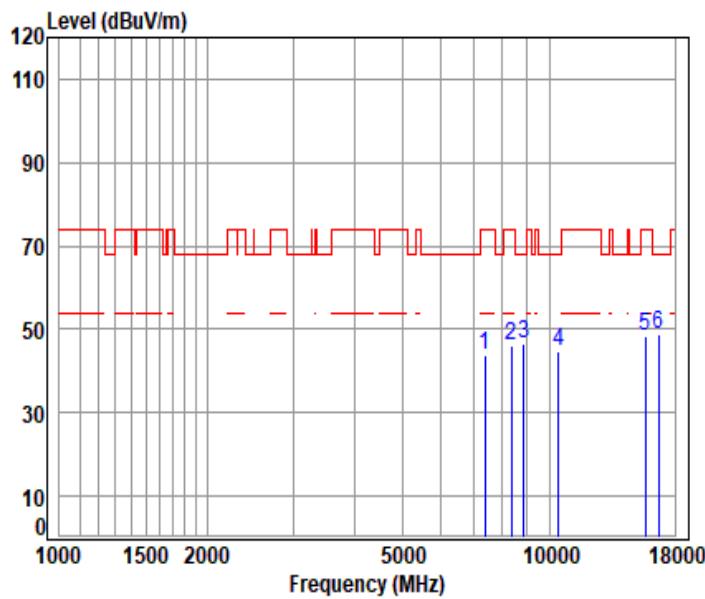
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11a\_TX\_CH\_44\_Verical



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5220 TX RSE  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	7375.065	11.50	36.75	56.68	52.23	43.80	74.00	-30.20	peak
2	8350.908	11.69	38.70	56.37	52.28	46.30	74.00	-27.70	peak
3	8841.090	12.24	38.50	56.19	52.05	46.60	68.20	-21.60	peak
4	10440.000	13.63	39.04	55.66	47.66	44.67	68.20	-23.53	peak
5	15660.000	17.23	38.56	54.03	46.54	48.30	74.00	-25.70	peak
6	pp16710.150	17.58	39.42	54.07	45.99	48.92	68.20	-19.28	peak

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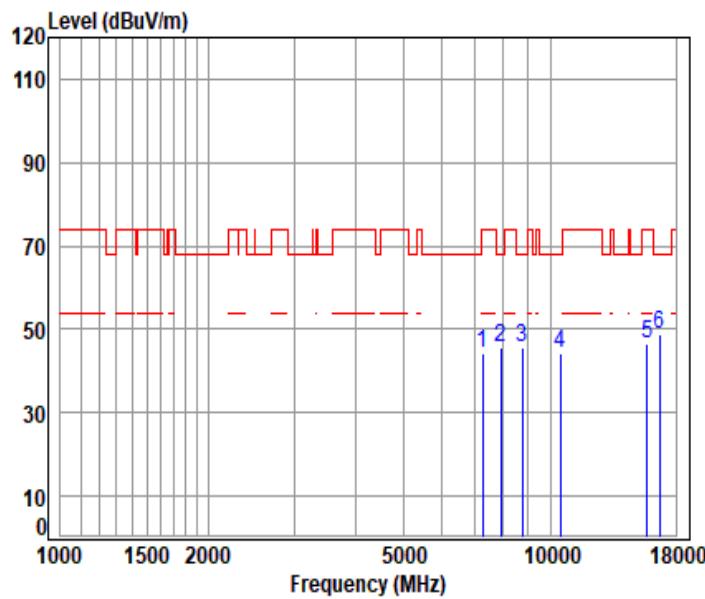
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## 11a\_TX\_CH\_48\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5240 TX RSE  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	7270.644	11.51	36.64	56.71	52.79	44.23	74.00	-29.77	peak
2	7912.043	11.54	37.62	56.52	52.93	45.57	68.20	-22.63	peak
3	8751.494	12.17	38.50	56.22	51.39	45.84	68.20	-22.36	peak
4	10480.000	13.64	39.08	55.65	47.00	44.07	68.20	-24.13	peak
5	15720.000	17.22	38.58	54.03	44.80	46.57	74.00	-27.43	peak
6	pp16710.150	17.58	39.42	54.07	45.76	48.69	68.20	-19.51	peak

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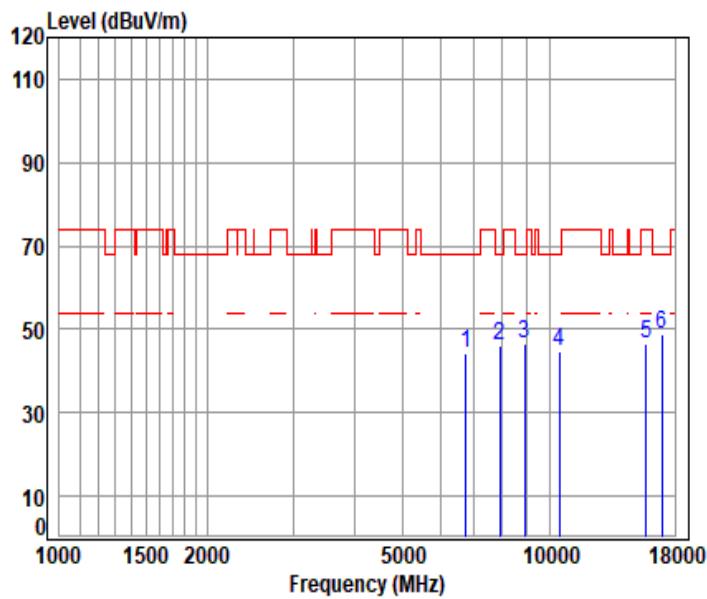
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11a\_TX\_CH\_48\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5240 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6735.905	11.40	35.62	56.58	53.85	44.29	68.20 -23.91 peak
2	7928.178	11.55	37.66	56.52	53.48	46.17	68.20 -22.03 peak
3	8886.231	12.22	38.57	56.17	51.89	46.51	68.20 -21.69 peak
4	10480.000	13.64	39.08	55.65	47.68	44.75	68.20 -23.45 peak
5	15720.000	17.22	38.58	54.03	44.83	46.60	74.00 -27.40 peak
6	pp16950.140	18.12	39.65	54.10	45.06	48.73	68.20 -19.47 peak

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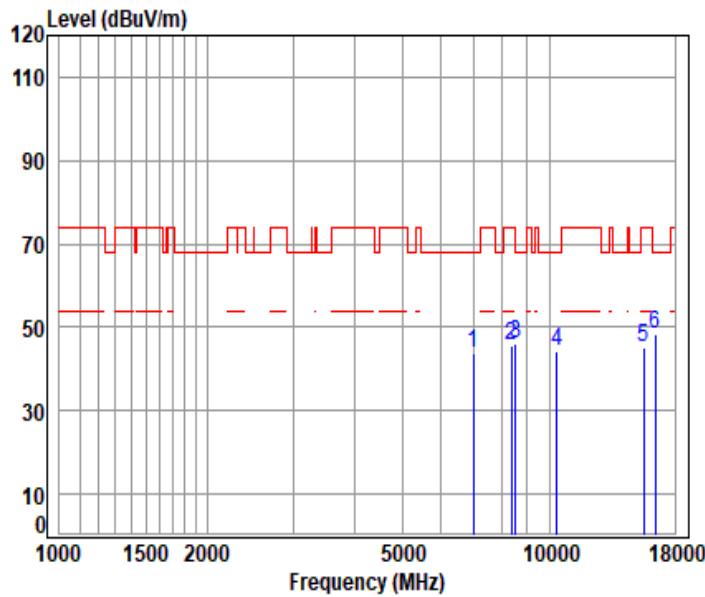
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11ax\_20M\_TX\_CH\_36\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5180 TX RSE  
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dB	dBuV	dBuV/m	dB
1 7001.733	11.38	36.20	56.80	53.18	43.96	68.20	-24.24	peak	
2 8342.406	11.70	38.58	56.37	51.61	45.52	74.00	-28.48	peak	
3 8522.772	12.23	38.30	56.30	51.79	46.02	68.20	-22.18	peak	
4 10360.000	13.60	39.00	55.68	47.50	44.42	68.20	-23.78	peak	
5 15540.000	17.00	38.56	54.05	43.87	45.38	74.00	-28.62	peak	
6 pp16423.290	17.30	38.82	54.04	46.11	48.19	68.20	-20.01	peak	

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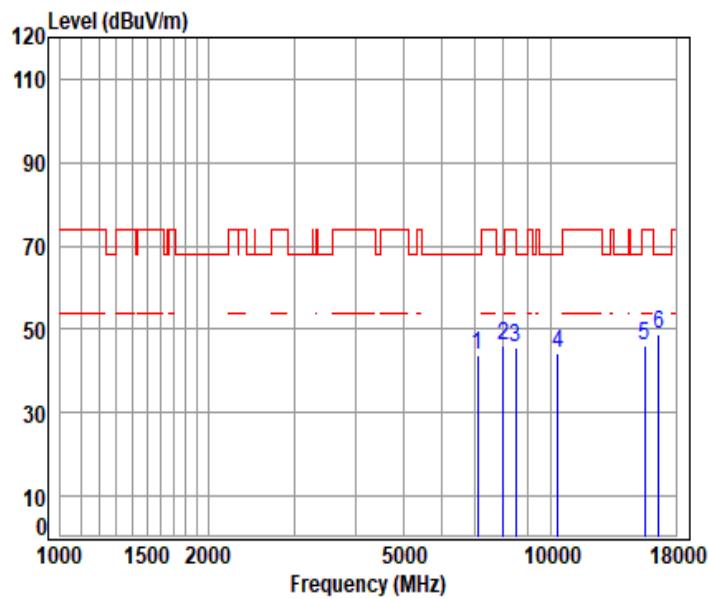
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11ax\_20M\_TX\_CH\_36\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5180 TX RSE

: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dB	dBuV	dBuV/m	dB
1	7087.840	11.91	36.38	56.77	52.22	43.74	68.20	-24.46	peak
2	7993.045	11.56	37.79	56.50	53.23	46.08	68.20	-22.12	peak
3	8496.769	12.29	38.31	56.31	51.27	45.56	74.00	-28.44	peak
4	10360.000	13.60	39.00	55.68	47.51	44.43	68.20	-23.77	peak
5	15540.000	17.00	38.56	54.05	44.71	46.22	74.00	-27.78	peak
6	pp16608.340	17.64	39.22	54.06	45.88	48.68	68.20	-19.52	peak

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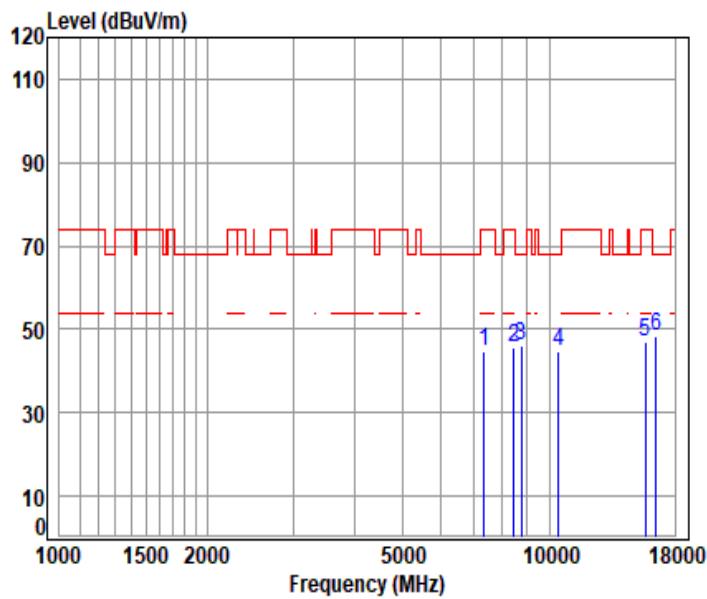
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11ax\_20M\_TX\_CH\_44\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5220 TX RSE  
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	7345.079	11.51	36.79	56.69	53.15	44.76	74.00	-29.24	peak
2	8462.222	12.05	38.38	56.32	51.73	45.84	74.00	-28.16	peak
3	8742.585	12.16	38.51	56.22	51.43	45.88	68.20	-22.32	peak
4	10440.000	13.63	39.04	55.66	47.72	44.73	68.20	-23.47	peak
5	15660.000	17.23	38.56	54.03	45.24	47.00	74.00	-27.00	peak
6	pp16456.780	17.49	38.86	54.05	46.12	48.42	68.20	-19.78	peak

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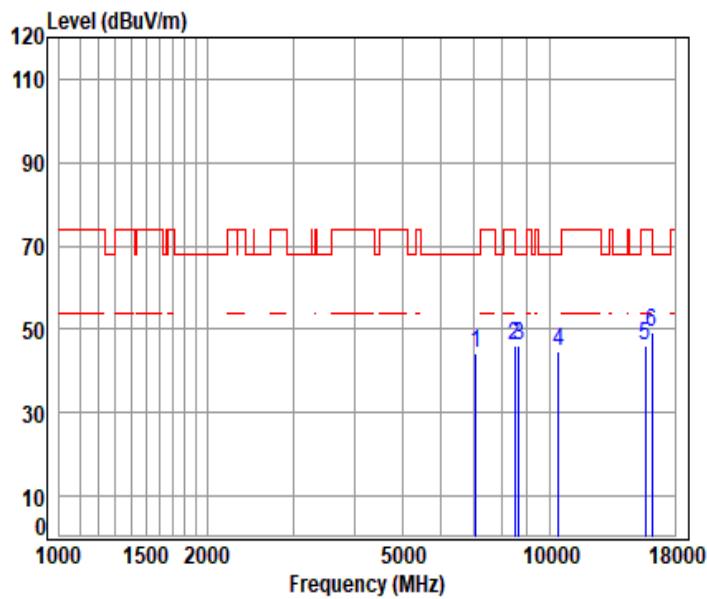
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11ax\_20M\_TX\_CH\_44\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5220 TX RSE

: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				dB	dBuV			
1	7066.214	11.78	36.33	56.78	53.01	44.34	68.20	-23.86 peak
2	8479.478	12.17	38.34	56.32	51.74	45.93	74.00	-28.07 peak
3	pp 8645.178	12.02	38.41	56.26	52.04	46.21	68.20	-21.99 peak
4	10440.000	13.63	39.04	55.66	47.48	44.49	68.20	-23.71 peak
5	15660.000	17.23	38.56	54.03	44.54	46.30	74.00	-27.70 peak
6	16174.270	17.17	38.50	54.02	47.43	49.08	74.00	-24.92 peak

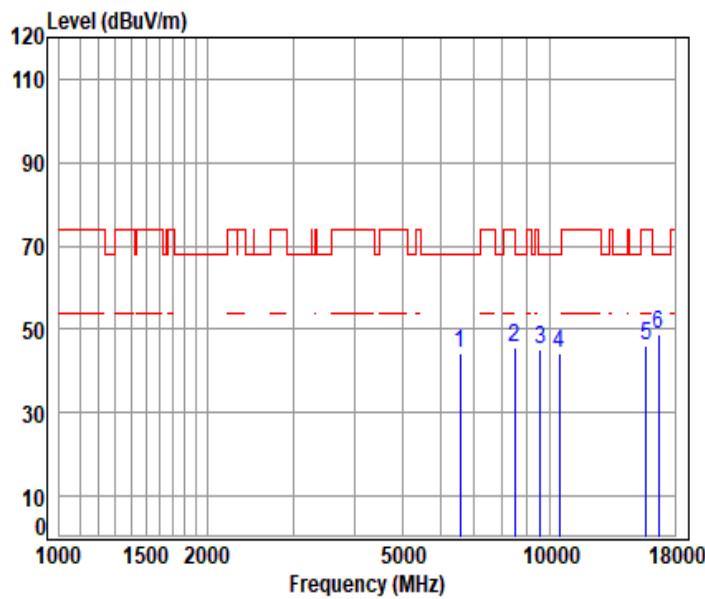
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11ax\_20M\_TX\_CH\_48\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5240 TX RSE

: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
1	6566.545	11.62	35.07	56.43	53.85	44.11	68.20 -24.09 peak
2	8496.769	12.29	38.31	56.31	51.50	45.79	74.00 -28.21 peak
3	9562.412	12.48	38.80	55.94	49.93	45.27	68.20 -22.93 Peak
4	10480.000	13.64	39.08	55.65	47.24	44.31	68.20 -23.89 peak
5	15720.000	17.22	38.58	54.03	44.54	46.31	74.00 -27.69 peak
6	pp16676.140	17.60	39.35	54.07	46.11	48.99	68.20 -19.21 peak

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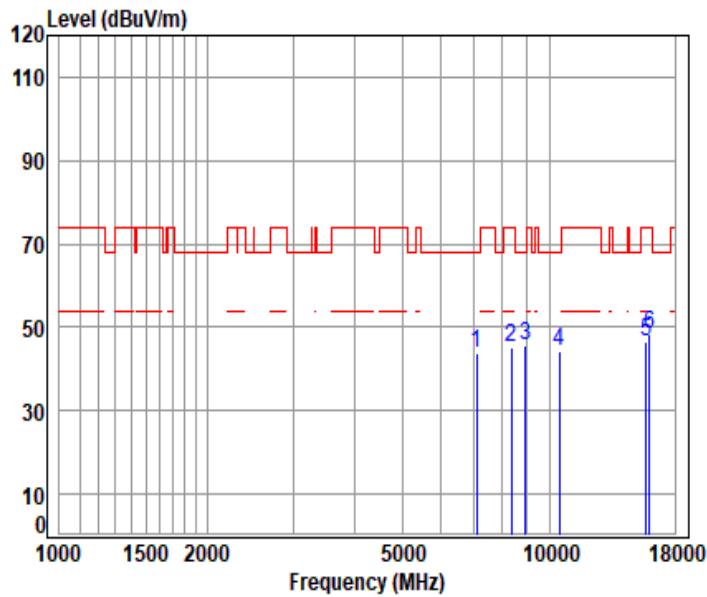
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11ax\_20M\_TX\_CH\_48\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5240 TX RSE

: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV	dBuV/m	dBuV/m
1 7095.063	11.96	36.39	56.77	52.18	43.76	68.20	-24.44	peak
2 8359.419	11.68	38.68	56.36	51.30	45.30	74.00	-28.70	peak
3 pp 8913.427	12.21	38.57	56.16	51.21	45.83	68.20	-22.37	peak
4 10480.000	13.64	39.08	55.65	47.25	44.32	68.20	-23.88	peak
5 15720.000	17.22	38.58	54.03	44.87	46.64	74.00	-27.36	peak
6 16010.360	17.14	38.59	54.00	46.41	48.14	74.00	-25.86	peak

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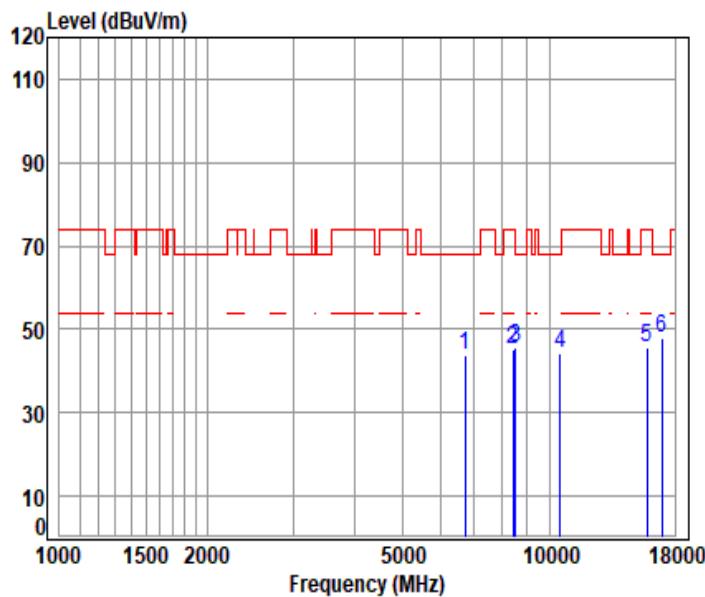
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## 11a\_TX\_CH\_52\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5260 TX RSE  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV	dBuV/m	dBuV/m
1 6722.197	11.40	35.53	56.56	53.57	43.94	68.20	-24.26	peak
2 8427.813	11.82	38.49	56.34	51.28	45.25	74.00	-28.75	peak
3 8514.096	12.26	38.30	56.30	51.32	45.58	68.20	-22.62	peak
4 10520.000	13.63	39.14	55.63	47.10	44.24	68.20	-23.96	peak
5 15780.000	17.08	38.52	54.02	44.19	45.77	74.00	-28.23	peak
6 pp16932.880	18.14	39.63	54.10	44.42	48.09	68.20	-20.11	peak

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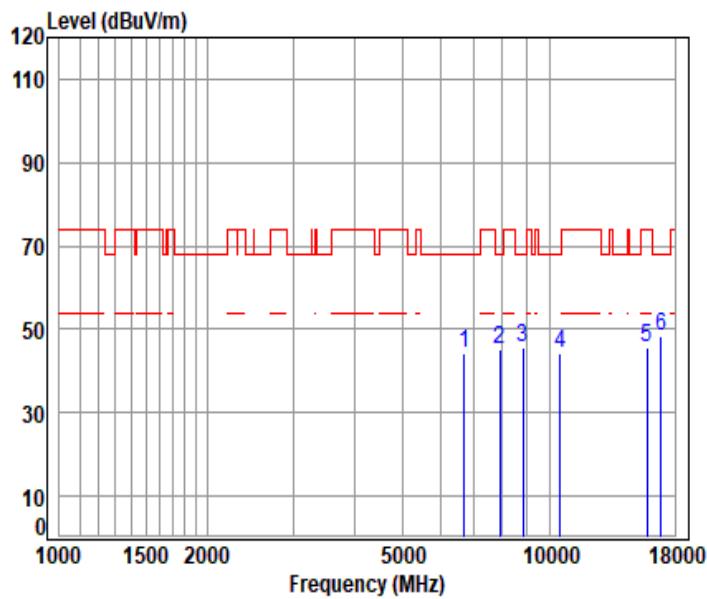
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11a\_TX\_CH\_52\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5260 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	6694.864	11.42	35.41	56.54	53.80	44.09	68.20 -24.11 peak
2	7928.178	11.55	37.66	56.52	52.47	45.16	68.20 -23.04 peak
3	8805.143	12.25	38.50	56.20	51.19	45.74	68.20 -22.46 peak
4	10520.000	13.63	39.14	55.63	47.27	44.41	68.20 -23.79 peak
5	15780.000	17.08	38.52	54.02	44.04	45.62	74.00 -28.38 peak
6	pp16864.040	17.92	39.60	54.09	45.03	48.46	68.20 -19.74 peak

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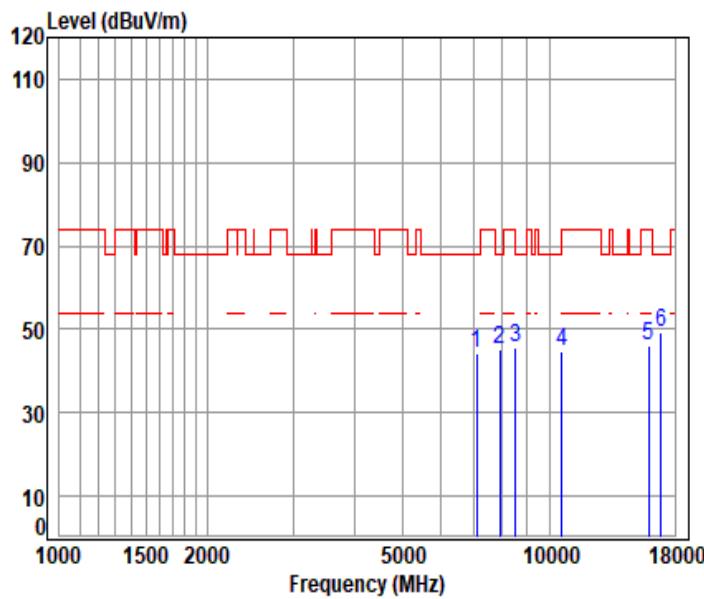
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## 11a\_TX\_CH\_60\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5300 TX RSE  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level				
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7102.293	11.98	36.40	56.77	52.66	44.27	68.20	-23.93 peak
2	7903.989	11.54	37.61	56.53	52.34	44.96	68.20	-23.24 peak
3	8505.428	12.29	38.30	56.31	51.49	45.77	68.20	-22.43 peak
4	10600.000	13.59	39.30	55.61	47.50	44.78	68.20	-23.42 peak
5	15900.000	17.28	38.70	54.01	44.33	46.30	74.00	-27.70 peak
6	pp16881.220	18.04	39.60	54.09	45.66	49.21	68.20	-18.99 peak

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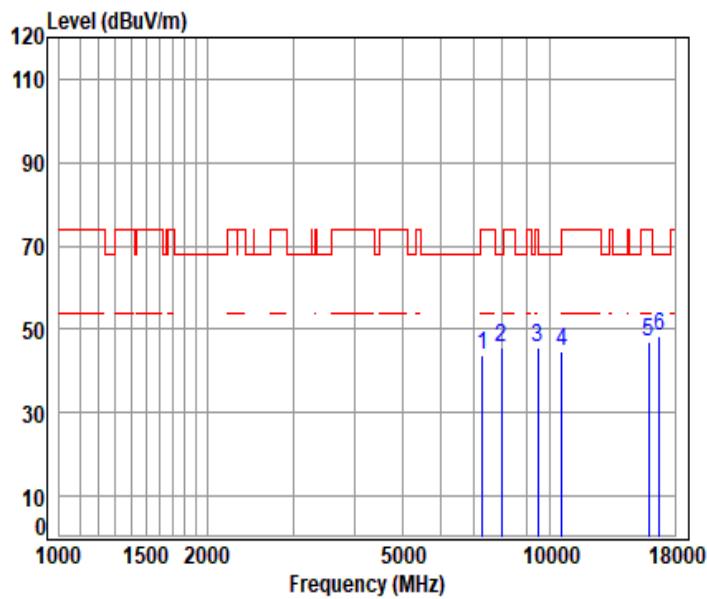
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11a\_TX\_CH\_60\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5300 TX RSE

: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1	7300.327	11.51	36.70	56.71	52.46	43.96	74.00	-30.04 peak
2	7976.779	11.56	37.75	56.51	52.97	45.77	68.20	-22.43 peak
3	9455.871	12.45	38.81	55.98	50.44	45.72	74.00	-28.28 peak
4	10600.000	13.59	39.30	55.61	47.36	44.64	68.20	-23.56 peak
5	15900.000	17.28	38.70	54.01	45.04	47.01	74.00	-26.99 peak
6	pp16761.290	17.51	39.52	54.08	45.29	48.24	68.20	-19.96 peak

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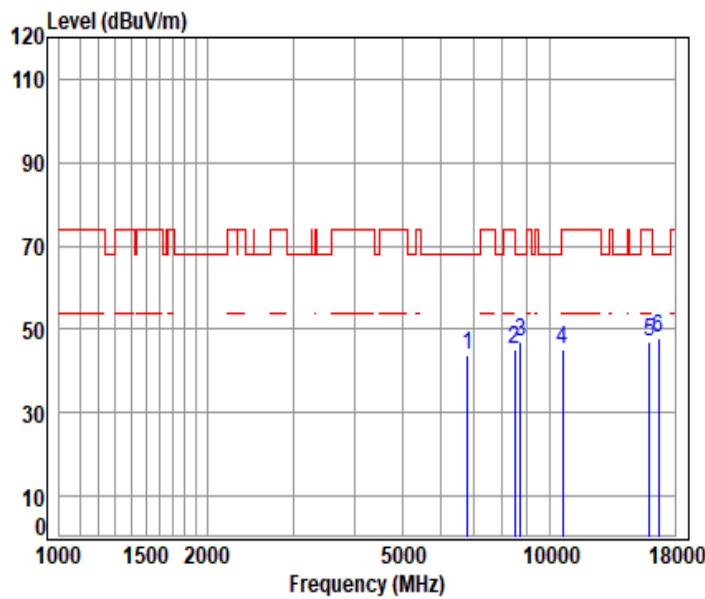
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## 11a\_TX\_CH\_64\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5320 TX RSE  
: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	6804.865	11.37	35.91	56.63	53.08	43.73	68.20 -24.47 peak
2	8496.769	12.29	38.31	56.31	50.77	45.06	74.00 -28.94 peak
3	8707.038	12.10	38.59	56.23	52.59	47.05	68.20 -21.15 peak
4	10640.000	13.77	39.34	55.60	47.84	45.35	74.00 -28.65 peak
5	15960.000	17.20	38.64	54.00	45.02	46.86	74.00 -27.14 peak
6	pp16710.150	17.58	39.42	54.07	44.87	47.80	68.20 -20.40 peak

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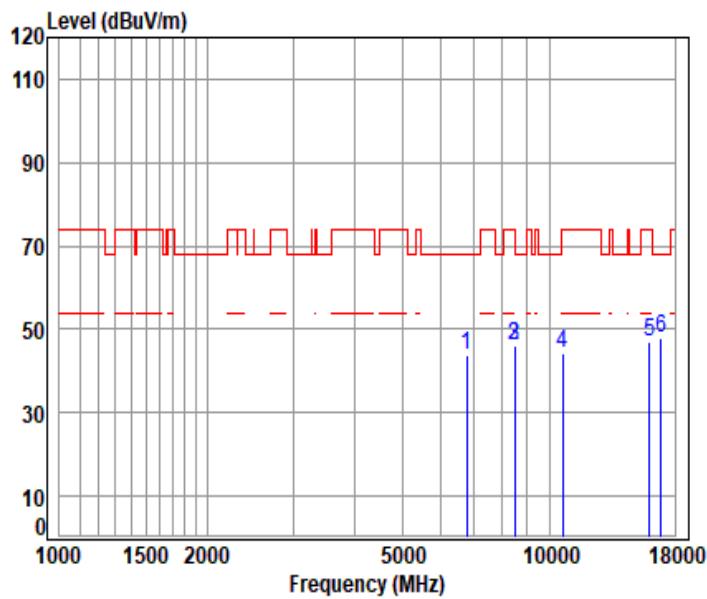
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11a\_TX\_CH\_64\_Vertical



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5320 TX RSE  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1	6784.103	11.38	35.84	56.62	53.12	43.72	68.20	-24.48 peak
2	8496.769	12.29	38.31	56.31	51.69	45.98	74.00	-28.02 peak
3	8496.769	12.29	38.31	56.31	51.69	45.98	74.00	-28.02 peak
4	10640.000	13.77	39.34	55.60	46.92	44.43	74.00	-29.57 peak
5	15960.000	17.20	38.64	54.00	45.23	47.07	74.00	-26.93 peak
6	pp16881.220	18.04	39.60	54.09	44.54	48.09	68.20	-20.11 peak

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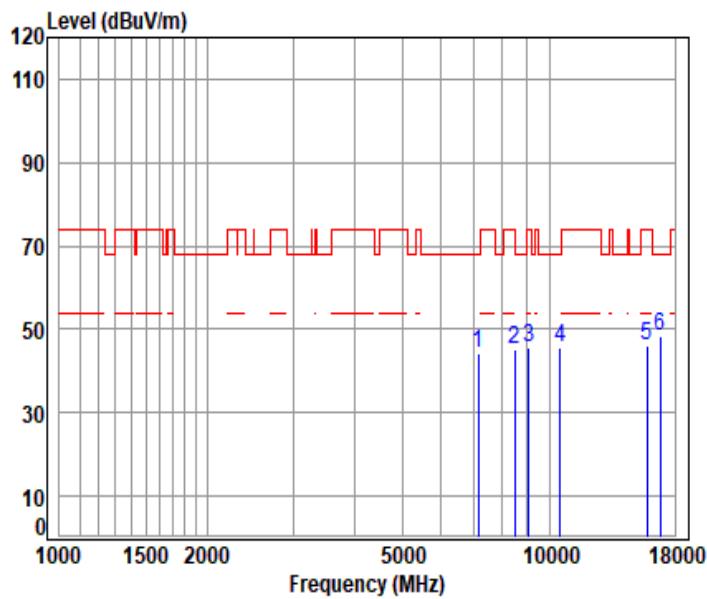
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11ax\_20M\_TX\_CH\_52\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5260 TX RSE  
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	7153.113	11.74	36.51	56.75	52.66	44.16	68.20	-24.04	peak
2	8479.478	12.17	38.34	56.32	51.01	45.20	74.00	-28.80	peak
3	9078.354	12.13	38.60	56.10	50.90	45.53	74.00	-28.47	peak
4	10520.000	13.63	39.14	55.63	48.35	45.49	68.20	-22.71	peak
5	15780.000	17.08	38.52	54.02	44.38	45.96	74.00	-28.04	peak
6	pp16795.470	17.47	39.59	54.08	45.46	48.44	68.20	-19.76	peak

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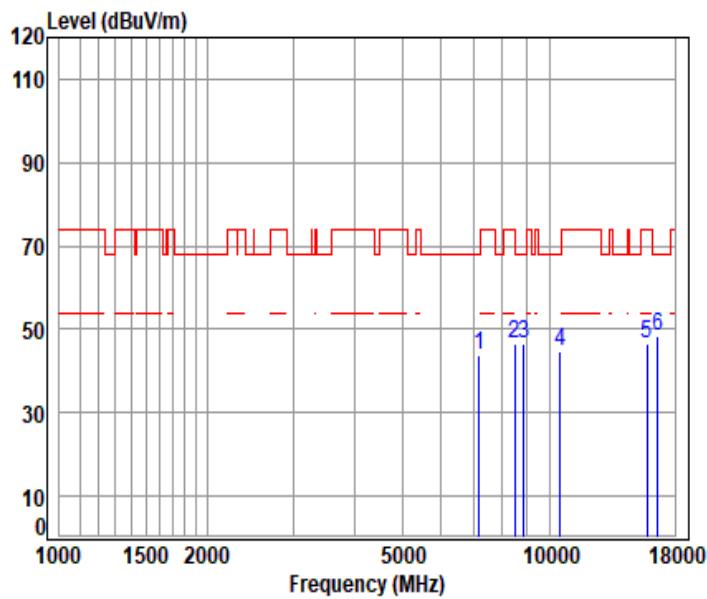
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11ax\_20M\_TX\_CH\_52\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5260 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	7182.317	11.60	36.56	56.74	52.21	43.63	68.20 -24.57 peak
2	8479.478	12.17	38.34	56.32	52.30	46.49	74.00 -27.51 peak
3	8859.119	12.23	38.52	56.18	51.90	46.47	68.20 -21.73 peak
4	10520.000	13.63	39.14	55.63	47.40	44.54	68.20 -23.66 peak
5	15780.000	17.08	38.52	54.02	45.01	46.59	74.00 -27.41 peak
6	pp16591.430	17.66	39.17	54.06	45.42	48.19	68.20 -20.01 peak

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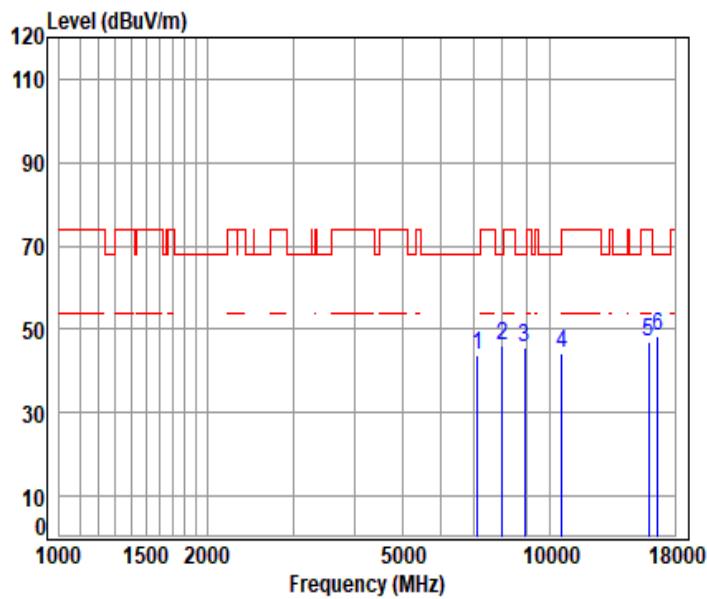
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11ax\_20M\_TX\_CH\_60\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5300 TX RSE  
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	7116.776	11.91	36.43	56.76	52.33	43.91	68.20	-24.29	peak
2	7993.045	11.56	37.79	56.50	53.27	46.12	68.20	-22.08	peak
3	8895.287	12.22	38.59	56.17	50.91	45.55	68.20	-22.65	peak
4	10600.000	13.59	39.30	55.61	47.19	44.47	68.20	-23.73	peak
5	15900.000	17.28	38.70	54.01	45.00	46.97	74.00	-27.03	peak
6	pp16642.210	17.62	39.28	54.07	45.49	48.32	68.20	-19.88	peak

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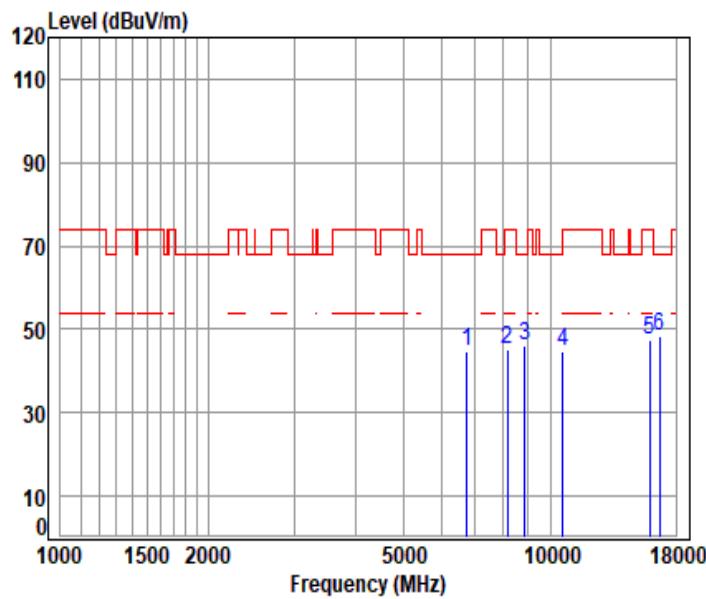
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11ax\_20M\_TX\_CH\_60\_Vertical



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5300 TX RSE  
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	6742.769	11.39	35.66	56.58	54.16	44.63	68.20	-23.57	peak
2	8157.544	11.52	37.92	56.44	52.12	45.12	74.00	-28.88	peak
3	8841.090	12.24	38.50	56.19	51.36	45.91	68.20	-22.29	peak
4	10600.000	13.59	39.30	55.61	47.45	44.73	68.20	-23.47	peak
5	15900.000	17.28	38.70	54.01	45.35	47.32	74.00	-26.68	peak
6	pp16710.150	17.58	39.42	54.07	45.23	48.16	68.20	-20.04	peak

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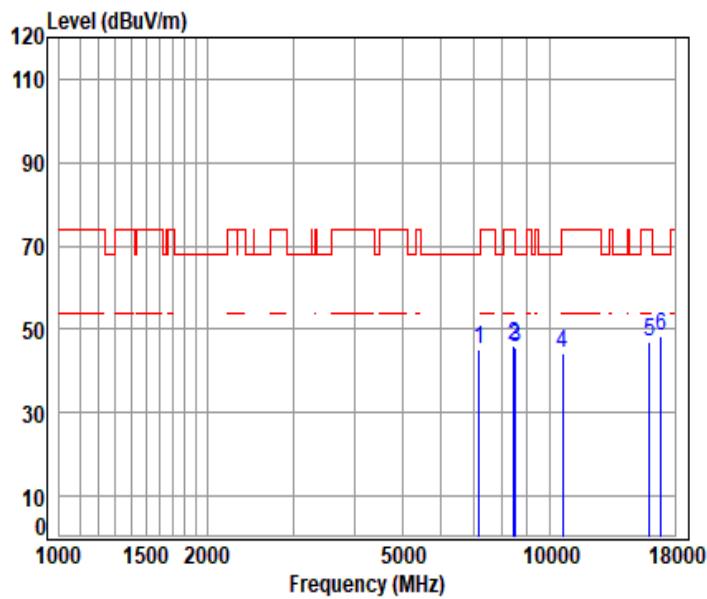
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11ax\_20M\_TX\_CH\_64\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5320 TX RSE  
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level	Level	dBuV/m	dBuV/m
1 7175.005	11.64	36.55	56.74	53.85	45.30	68.20	-22.90 peak
2 8445.000	11.94	38.42	56.33	51.87	45.90	74.00	-28.10 peak
3 8522.772	12.23	38.30	56.30	51.53	45.76	68.20	-22.44 peak
4 10640.000	13.77	39.34	55.60	46.83	44.34	74.00	-29.66 peak
5 15960.000	17.20	38.64	54.00	44.97	46.81	74.00	-27.19 peak
6 pp16864.040	17.92	39.60	54.09	44.87	48.30	68.20	-19.90 peak

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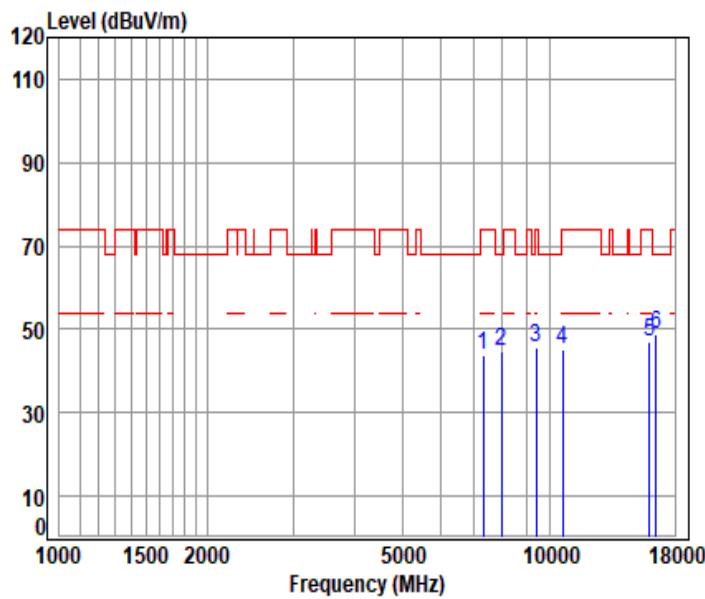
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11ax\_20M\_TX\_CH\_64\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5320 TX RSE

: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				dB	dB/m			
1	7307.767	11.51	36.72	56.70	52.35	43.88	74.00	-30.12 peak
2	7976.779	11.56	37.75	56.51	51.94	44.74	68.20	-23.46 peak
3	9388.690	12.29	38.80	56.00	50.53	45.62	74.00	-28.38 peak
4	10640.000	13.77	39.34	55.60	47.69	45.20	74.00	-28.80 peak
5	15960.000	17.20	38.64	54.00	45.23	47.07	74.00	-26.93 peak
6	pp16507.140	17.73	38.92	54.05	46.00	48.60	68.20	-19.60 peak

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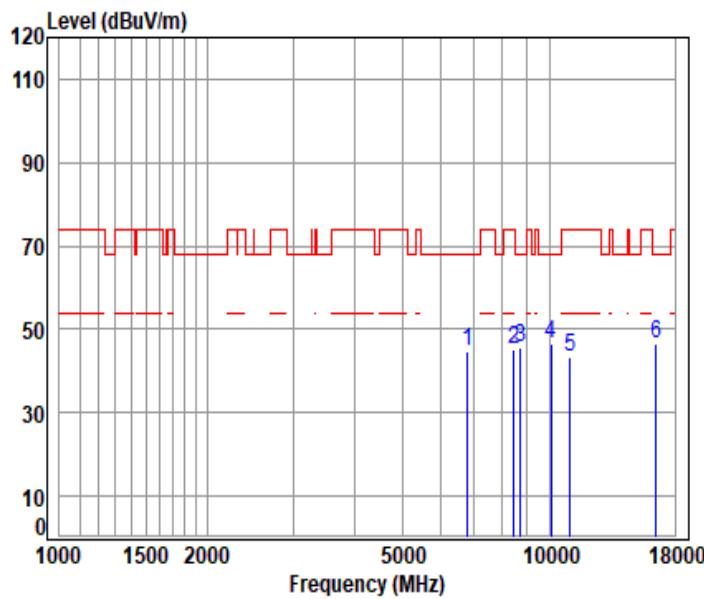
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11a\_TX\_CH\_100\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5500 TX RSE  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV	dBuV/m	dBuV/m
1 6797.938	11.37	35.89	56.63	53.90	44.53	68.20	-23.67	peak
2 8445.000	11.94	38.42	56.33	51.19	45.22	74.00	-28.78	peak
3 8724.793	12.13	38.55	56.23	51.07	45.52	68.20	-22.68	peak
4 10051.780	13.14	39.00	55.78	50.01	46.37	68.20	-21.83	peak
5 11000.000	14.17	39.40	55.49	45.31	43.39	74.00	-30.61	peak
6 pp16500.000	17.74	38.90	54.05	43.84	46.43	68.20	-21.77	peak

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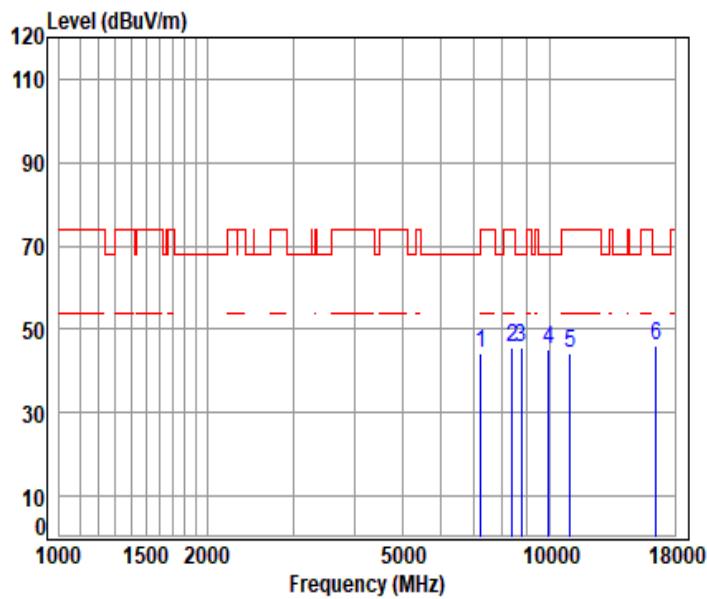
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11a\_TX\_CH\_100\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5500 TX RSE

: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	7241.082	11.52	36.60	56.72	52.91	44.31	68.20	-23.89	peak
2	8385.002	11.65	38.63	56.35	51.75	45.68	74.00	-28.32	peak
3	8742.585	12.16	38.51	56.22	51.39	45.84	68.20	-22.36	peak
4	9939.788	12.88	38.90	55.82	49.15	45.11	68.20	-23.09	peak
5	11000.000	14.17	39.40	55.49	46.10	44.18	74.00	-29.82	peak
6	pp16500.000	17.74	38.90	54.05	43.51	46.10	68.20	-22.10	peak

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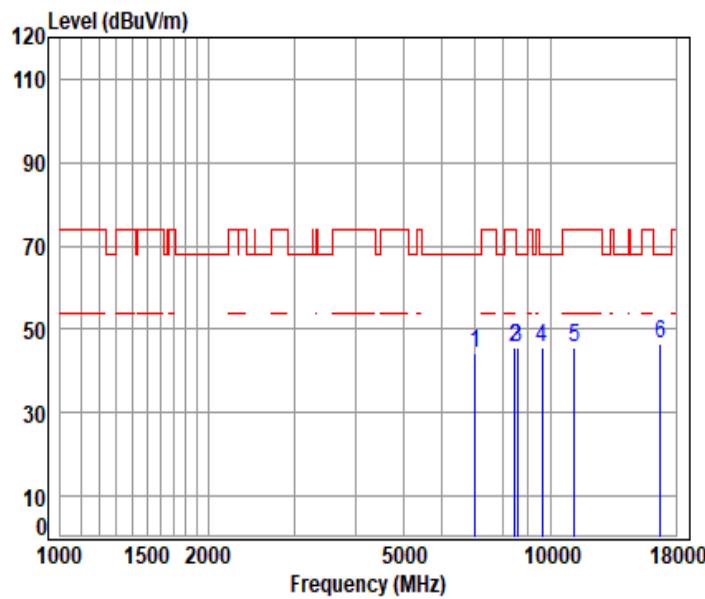
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11a\_TX\_CH\_116\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5580 TX RSE  
: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7016.012	11.47	36.23	56.79	53.35	44.26	68.20	-23.94 peak
2	8445.000	11.94	38.42	56.33	51.76	45.79	74.00	-28.21 peak
3	8540.152	12.17	38.30	56.30	51.68	45.85	68.20	-22.35 peak
4	9611.236	12.46	38.78	55.92	50.37	45.69	68.20	-22.51 peak
5	11160.000	14.72	39.56	55.44	46.92	45.76	74.00	-28.24 peak
6	pp16740.000	17.54	39.48	54.08	43.75	46.69	68.20	-21.51 peak

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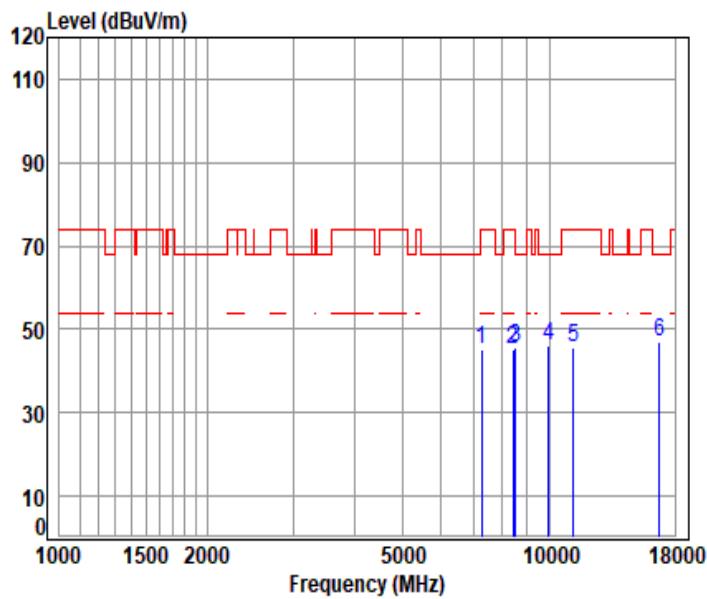
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11a\_TX\_CH\_116\_Vertical



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5580 TX RSE  
: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	7270.644	11.51	36.64	56.71	53.68	45.12	74.00 -28.88 peak
2	8436.402	11.88	38.45	56.33	51.28	45.28	74.00 -28.72 peak
3	8505.428	12.29	38.30	56.31	51.50	45.78	68.20 -22.42 peak
4	9949.918	12.90	38.90	55.82	49.89	45.87	68.20 -22.33 peak
5	11160.000	14.72	39.56	55.44	46.72	45.56	74.00 -28.44 peak
6	pp16740.000	17.54	39.48	54.08	44.04	46.98	68.20 -21.22 peak

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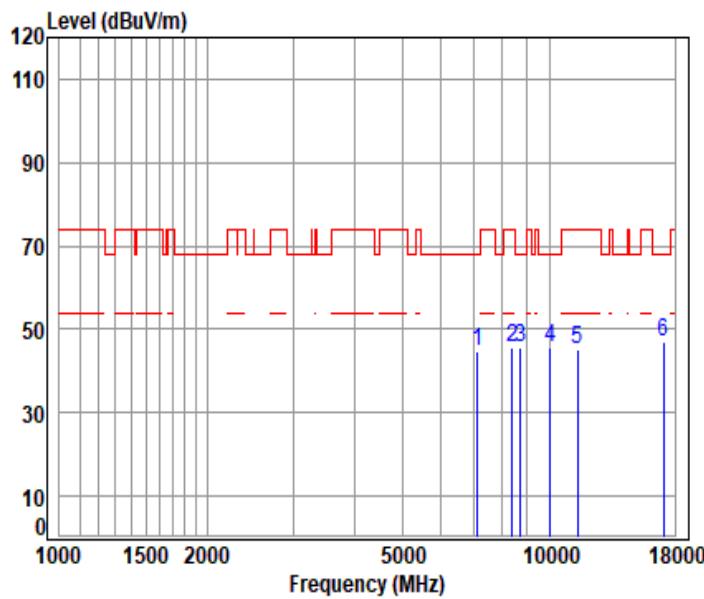
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11a\_TX\_CH\_140\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5700 TX RSE  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	7138.557	11.81	36.48	56.76	53.07	44.60	68.20	-23.60	peak
2	8376.465	11.66	38.65	56.36	51.60	45.55	74.00	-28.45	peak
3	8707.038	12.10	38.59	56.23	51.27	45.73	68.20	-22.47	peak
4	10010.910	13.04	38.92	55.80	49.42	45.58	68.20	-22.62	peak
5	11400.000	14.21	39.70	55.37	46.46	45.00	74.00	-29.00	peak
6	pp17100.000	18.47	39.80	54.11	42.88	47.04	68.20	-21.16	peak

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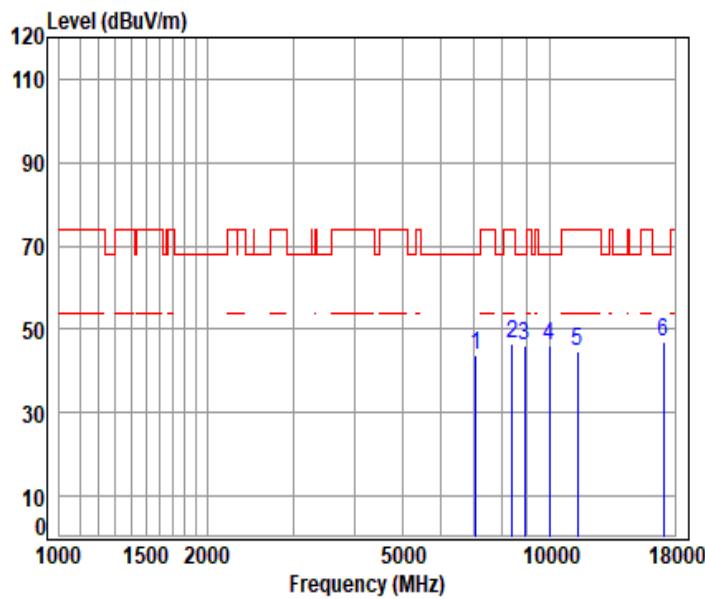
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11a\_TX\_CH\_140\_Vertical



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5700 TX RSE  
: 5G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
1	7080.624	11.87	36.36	56.77	52.41	43.87	68.20 -24.33 peak
2	8385.002	11.65	38.63	56.35	52.38	46.31	74.00 -27.69 peak
3	8877.185	12.23	38.55	56.17	51.25	45.86	68.20 -22.34 peak
4	9970.208	12.95	38.90	55.81	50.03	46.07	68.20 -22.13 peak
5	11400.000	14.21	39.70	55.37	46.13	44.67	74.00 -29.33 peak
6	pp17100.000	18.47	39.80	54.11	42.96	47.12	68.20 -21.08 peak

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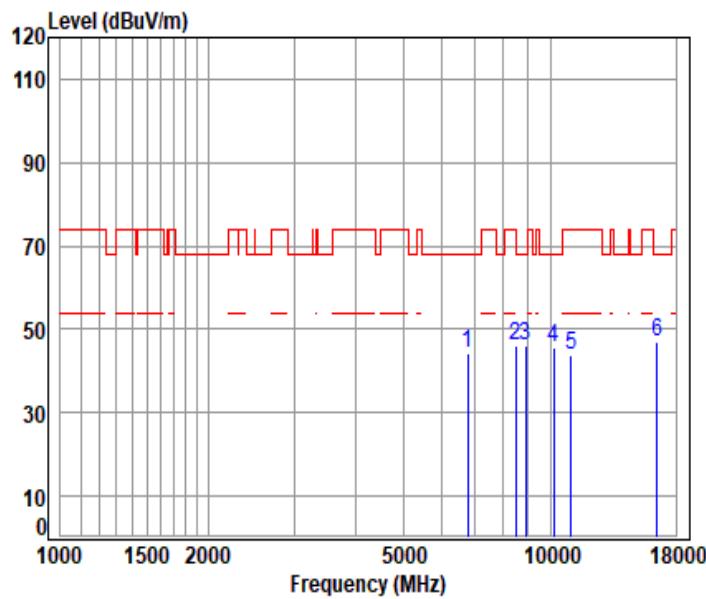
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11ax\_20M\_TX\_CH\_100\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5500 TX RSE

: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				dB	dBuV	dBuV/m	dBuV/m	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6777.197	11.38	35.81	56.61	53.82	44.40	68.20	-23.80 peak
2	8470.845	12.11	38.36	56.32	52.01	46.16	74.00	-27.84 peak
3	8877.185	12.23	38.55	56.17	51.58	46.19	68.20	-22.01 peak
4	10134.020	13.21	39.10	55.76	49.29	45.84	68.20	-22.36 peak
5	11000.000	14.17	39.40	55.49	45.55	43.63	74.00	-30.37 peak
6	pp16500.000	17.74	38.90	54.05	44.28	46.87	68.20	-21.33 peak

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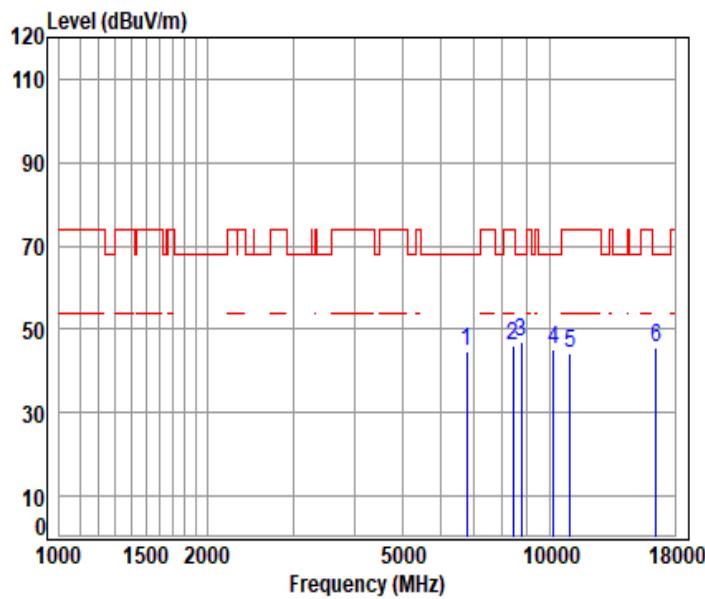
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11ax\_20M\_TX\_CH\_100\_Verical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5500 TX RSE

: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	6770.297	11.38	35.78	56.61	53.98	44.53	68.20	-23.67	peak
2	8436.402	11.88	38.45	56.33	52.29	46.29	74.00	-27.71	peak
3 pp	8769.341	12.20	38.50	56.21	52.64	47.13	68.20	-21.07	peak
4	10185.770	13.12	39.10	55.74	48.56	45.04	68.20	-23.16	peak
5	11000.000	14.17	39.40	55.49	46.23	44.31	74.00	-29.69	peak
6	16500.000	17.74	38.90	54.05	43.19	45.78	68.20	-22.42	peak

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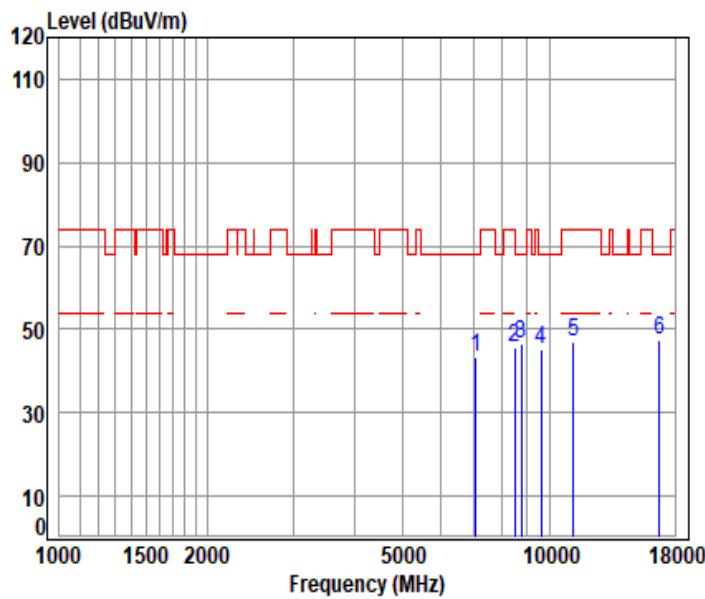
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11ax\_20M\_TX\_CH\_116\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5580 TX RSE  
: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark	
				Level	Level	dBuV/m	dBuV/m	dB
1	7080.624	11.87	36.36	56.77	52.02	43.48	68.20	-24.72 peak
2	8496.769	12.29	38.31	56.31	51.32	45.61	74.00	-28.39 peak
3	8769.341	12.20	38.50	56.21	52.15	46.64	68.20	-21.56 peak
4	9621.031	12.49	38.76	55.92	49.83	45.16	68.20	-23.04 peak
5	11160.000	14.72	39.56	55.44	48.22	47.06	74.00	-26.94 peak
6	pp16740.000	17.54	39.48	54.08	44.40	47.34	68.20	-20.86 peak

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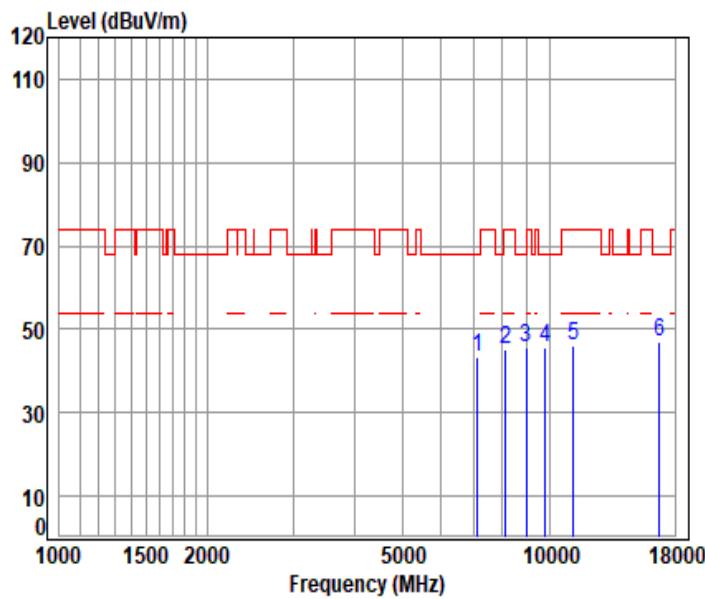
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11ax\_20M\_TX\_CH\_116\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5580 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	7116.776	11.91	36.43	56.76	51.99	43.57	68.20 -24.63 peak
2	8124.376	11.48	37.85	56.45	52.25	45.13	74.00 -28.87 peak
3	8977.206	12.17	38.55	56.14	51.15	45.73	68.20 -22.47 peak
4	9779.111	13.01	38.60	55.87	49.67	45.41	68.20 -22.79 peak
5	11160.000	14.72	39.56	55.44	47.21	46.05	74.00 -27.95 peak
6	pp16740.000	17.54	39.48	54.08	44.28	47.22	68.20 -20.98 peak

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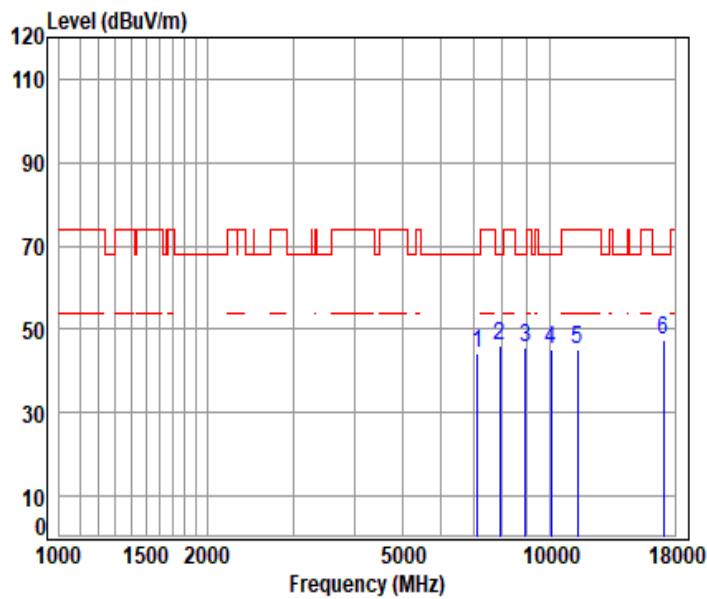
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11ax\_20M\_TX\_CH\_140\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5700 TX RSE

: 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7116.776	11.91	36.43	56.76	52.70	44.28	68.20 -23.92 peak
2	7903.989	11.54	37.61	56.53	53.30	45.92	68.20 -22.28 peak
3	8913.427	12.21	38.57	56.16	50.99	45.61	68.20 -22.59 peak
4	10051.780	13.14	39.00	55.78	48.89	45.25	68.20 -22.95 peak
5	11400.000	14.21	39.70	55.37	46.45	44.99	74.00 -29.01 peak
6	pp17100.000	18.47	39.80	54.11	43.42	47.58	68.20 -20.62 peak

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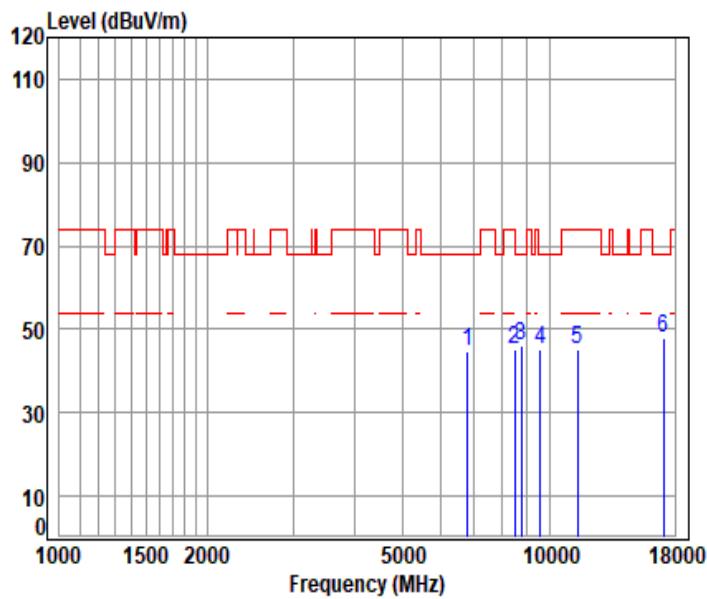
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11ax\_20M\_TX\_CH\_140\_Verical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5700 TX RSE

: 5G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dB	dBuV	dBuV/m	dB
1	6797.938	11.37	35.89	56.63	54.08	44.71	68.20	-23.49	peak
2	8470.845	12.11	38.36	56.32	51.08	45.23	74.00	-28.77	peak
3	8760.413	12.19	38.50	56.22	51.61	46.08	68.20	-22.12	peak
4	9581.912	12.45	38.80	55.93	50.01	45.33	68.20	-22.87	peak
5	11400.000	14.21	39.70	55.37	46.63	45.17	74.00	-28.83	peak
6	pp17100.000	18.47	39.80	54.11	43.86	48.02	68.20	-20.18	peak

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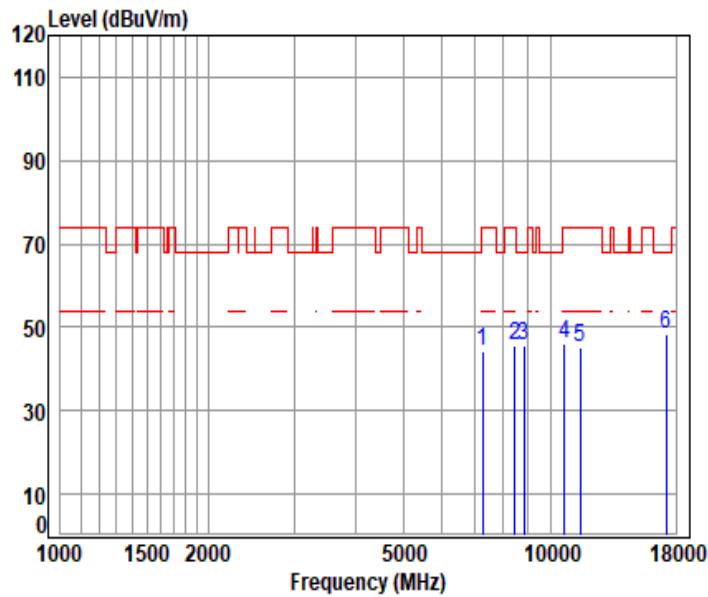
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11a\_TX\_CH\_149\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Level	Line Level	Over Limit	Remark
				dB	dBuV	dBuV/m	dB	
1	7255.848	11.51	36.61	56.72	52.93	44.33	74.00	-29.67 peak
2	8462.222	12.05	38.38	56.32	51.48	45.59	74.00	-28.41 peak
3	8814.115	12.25	38.50	56.20	51.14	45.69	68.20	-22.51 peak
4	10652.650	13.83	39.35	55.59	48.37	45.96	74.00	-28.04 peak
5	11490.000	14.97	39.61	55.34	46.16	45.40	74.00	-28.60 peak
6	pp17235.000	17.83	40.01	54.13	44.61	48.32	68.20	-19.88 peak

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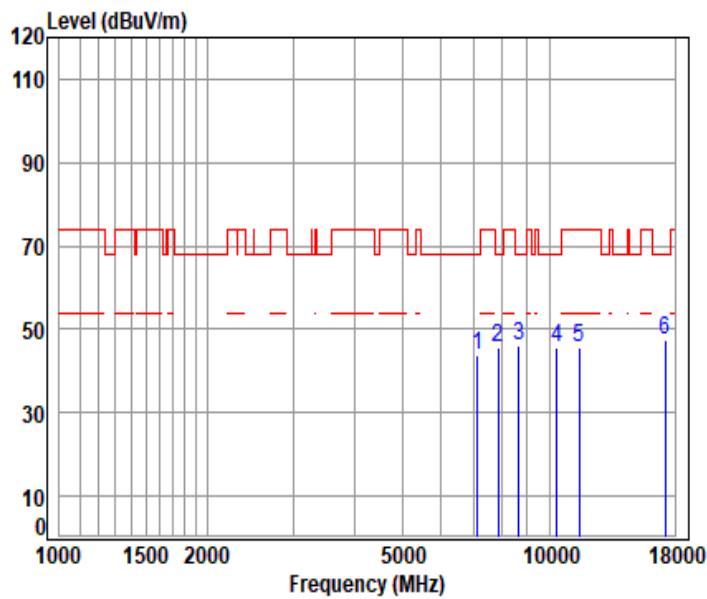
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11a\_TX\_CH\_149\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	7131.289	11.84	36.46	56.76	52.38	43.92	68.20 -24.28 peak
2	7855.832	11.44	37.42	56.54	53.52	45.84	68.20 -22.36 peak
3	8662.807	12.04	38.45	56.25	51.87	46.11	68.20 -22.09 peak
4	10332.060	13.59	39.00	55.69	48.51	45.41	68.20 -22.79 peak
5	11490.000	14.97	39.61	55.34	46.37	45.61	74.00 -28.39 peak
6	pp17235.000	17.83	40.01	54.13	43.82	47.53	68.20 -20.67 peak

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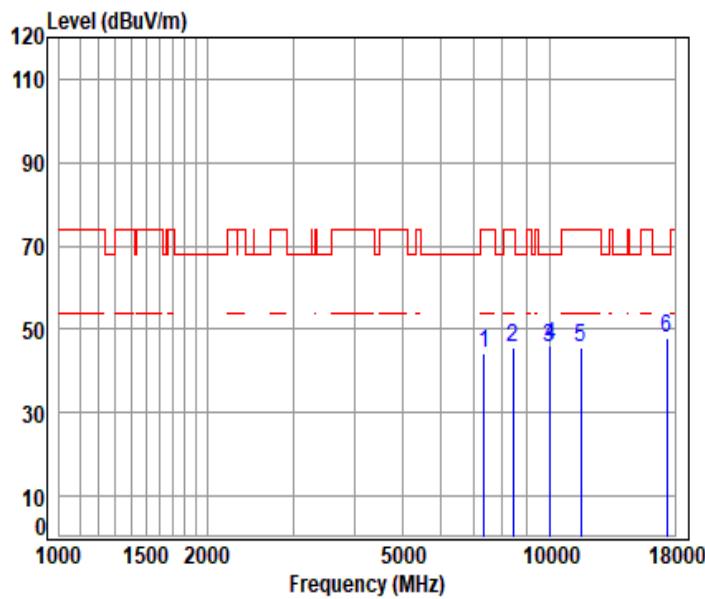
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11a\_TX\_CH\_157\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5785 TX RSE

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7352.564	11.50	36.79	56.69	52.52	44.12	74.00 -29.88 peak
2	8410.663	11.70	38.56	56.34	51.81	45.73	74.00 -28.27 peak
3	9980.368	12.97	38.90	55.81	49.47	45.53	68.20 -22.67 peak
4	10041.550	13.12	38.98	55.79	49.57	45.88	68.20 -22.32 peak
5	11570.000	14.78	39.60	55.32	46.52	45.58	74.00 -28.42 peak
6	pp17355.000	18.00	40.31	54.14	43.52	47.69	68.20 -20.51 peak

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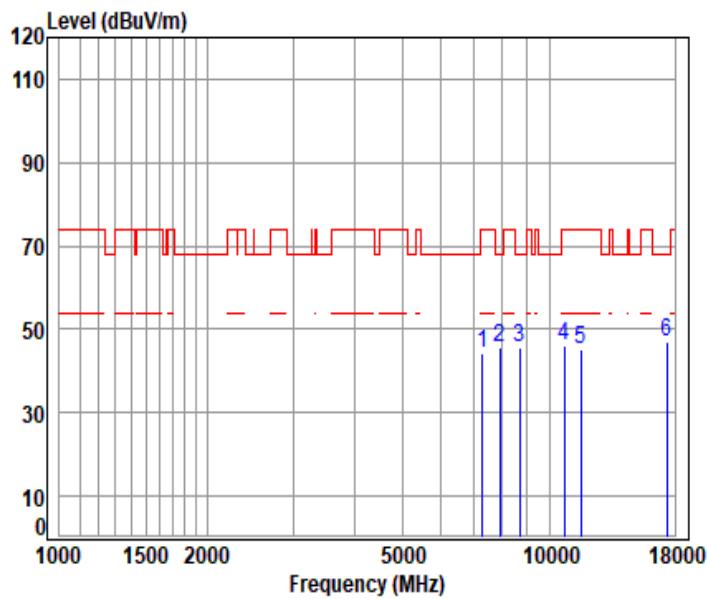
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11a\_TX\_CH\_157\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5785 TX RSE

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7292.895	11.51	36.69	56.71	52.90	44.39	74.00 -29.61 peak
2	7903.989	11.54	37.61	56.53	52.80	45.42	68.20 -22.78 peak
3	8689.318	12.08	38.56	56.24	51.12	45.52	68.20 -22.68 peak
4	10707.040	14.01	39.39	55.58	48.12	45.94	74.00 -28.06 peak
5	11570.000	14.78	39.60	55.32	46.17	45.23	74.00 -28.77 peak
6	pp17355.000	18.00	40.31	54.14	42.94	47.11	68.20 -21.09 peak

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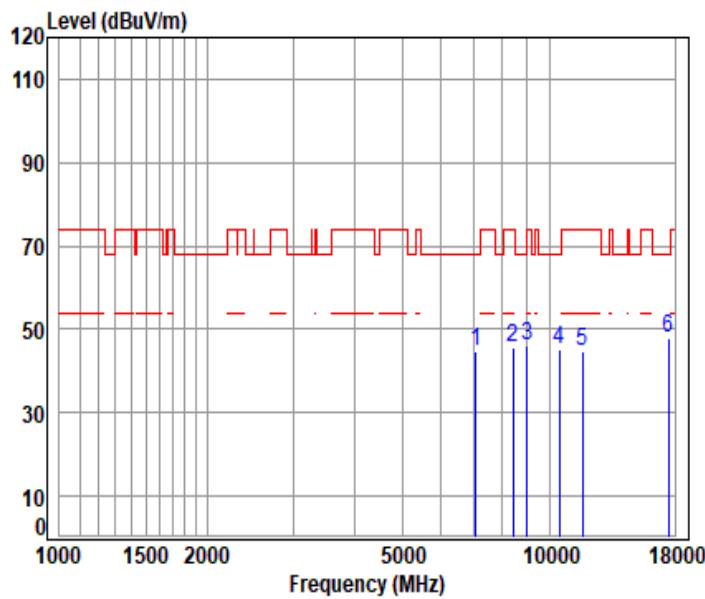
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11a\_TX\_CH\_165\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5825 TX RSE  
: 5.8G Wi-Fi 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level	Level	dBuV/m	dBuV/m
1 7080.624	11.87	36.36	56.77	53.34	44.80	68.20	-23.40 peak
2 8436.402	11.88	38.45	56.33	51.43	45.43	74.00	-28.57 peak
3 8986.354	12.16	38.57	56.14	51.38	45.97	68.20	-22.23 peak
4 10448.470	13.63	39.05	55.66	48.29	45.31	68.20	-22.89 peak
5 11650.000	14.69	39.55	55.30	45.63	44.57	74.00	-29.43 peak
6 pp17475.000	18.35	40.78	54.15	42.71	47.69	68.20	-20.51 peak

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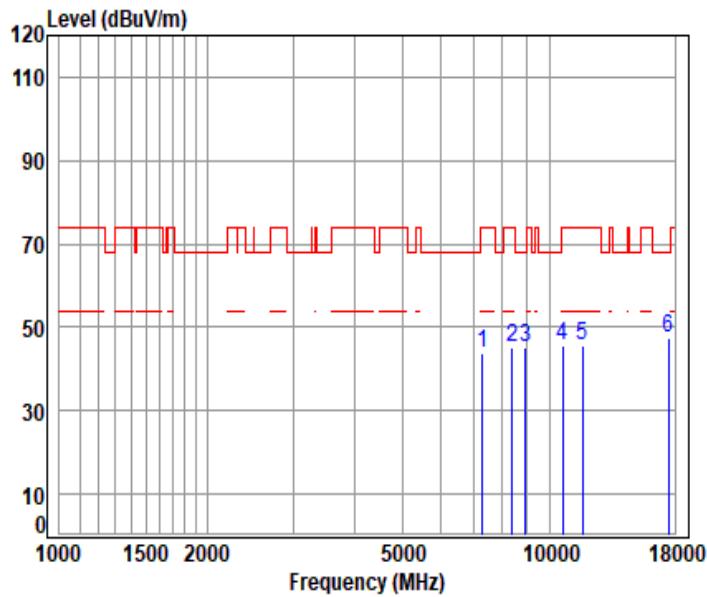
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11a\_TX\_CH\_165\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5825 TX RSE

: 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7285.470	11.51	36.67	56.71	52.53	44.00	74.00	-30.00 peak
2	8393.547	11.64	38.61	56.35	51.27	45.17	74.00	-28.83 peak
3	8931.603	12.20	38.54	56.15	50.73	45.32	68.20	-22.88 peak
4	10630.970	13.73	39.33	55.60	48.27	45.73	74.00	-28.27 peak
5	11650.000	14.69	39.55	55.30	46.72	45.66	74.00	-28.34 peak
6	pp17475.000	18.35	40.78	54.15	42.34	47.32	68.20	-20.88 peak

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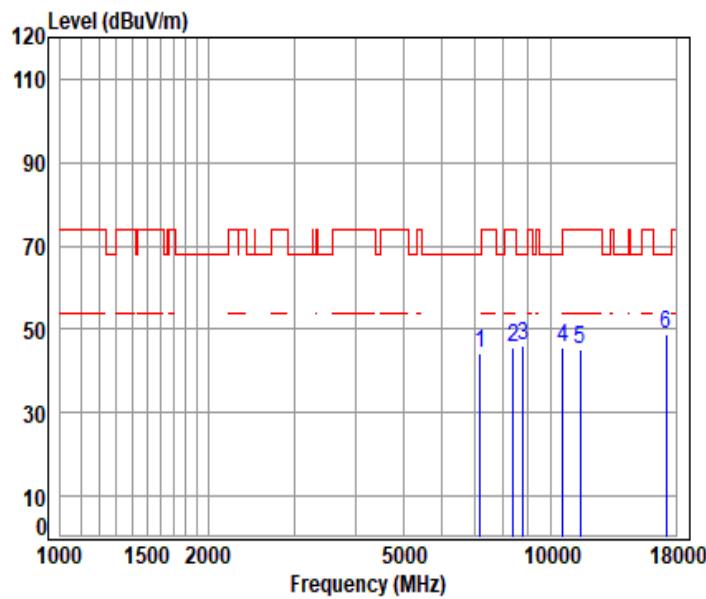
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11ax\_20M\_TX\_CH\_149\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dB	dBuV	dBuV/m	dB
1	7167.700	11.67	36.54	56.75	52.90	44.36	68.20	-23.84	peak
2	8376.465	11.66	38.65	56.36	51.51	45.46	74.00	-28.54	peak
3	8796.179	12.24	38.50	56.20	51.36	45.90	68.20	-22.30	peak
4	10587.740	13.60	39.28	55.61	48.44	45.71	68.20	-22.49	peak
5	11490.000	14.97	39.61	55.34	46.08	45.32	74.00	-28.68	peak
6	pp17235.000	17.83	40.01	54.13	44.89	48.60	68.20	-19.60	peak

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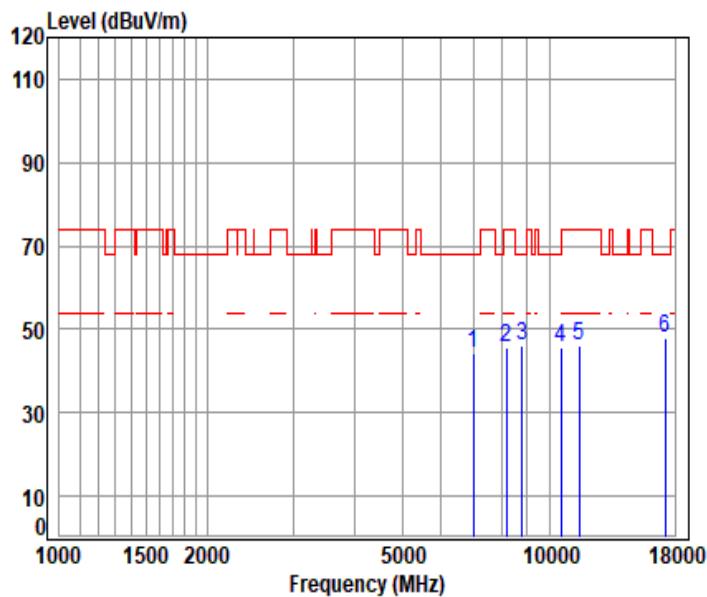
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11ax\_20M\_TX\_CH\_149\_Verical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dB	dBuV	dBuV/m	dB
1	6994.605	11.37	36.19	56.80	53.49	44.25	68.20	-23.95	peak
2	8157.544	11.52	37.92	56.44	52.48	45.48	74.00	-28.52	peak
3	8778.277	12.22	38.50	56.21	51.72	46.23	68.20	-21.97	peak
4	10555.440	13.61	39.21	55.62	48.38	45.58	68.20	-22.62	peak
5	11490.000	14.97	39.61	55.34	46.64	45.88	74.00	-28.12	peak
6	pp17235.000	17.83	40.01	54.13	44.01	47.72	68.20	-20.48	peak

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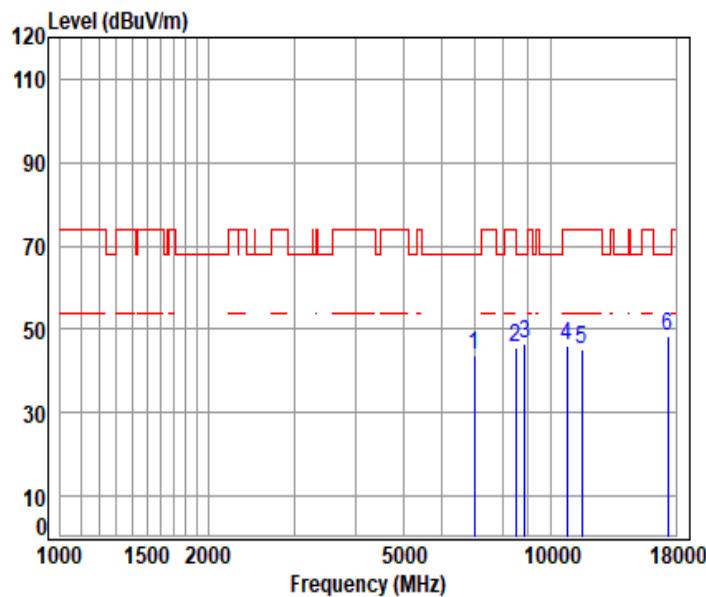
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11ax\_20M\_TX\_CH\_157\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5785 TX RSE

: 5.8G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	7001.733	11.38	36.20	56.80	52.82	43.60	68.20	-24.60	peak
2	8488.119	12.23	38.32	56.31	51.22	45.46	74.00	-28.54	peak
3	8850.100	12.23	38.50	56.18	51.87	46.42	68.20	-21.78	peak
4	10794.640	13.70	39.31	55.55	48.58	46.04	74.00	-27.96	peak
5	11570.000	14.78	39.60	55.32	46.26	45.32	74.00	-28.68	peak
6	pp17355.000	18.00	40.31	54.14	44.02	48.19	68.20	-20.01	peak

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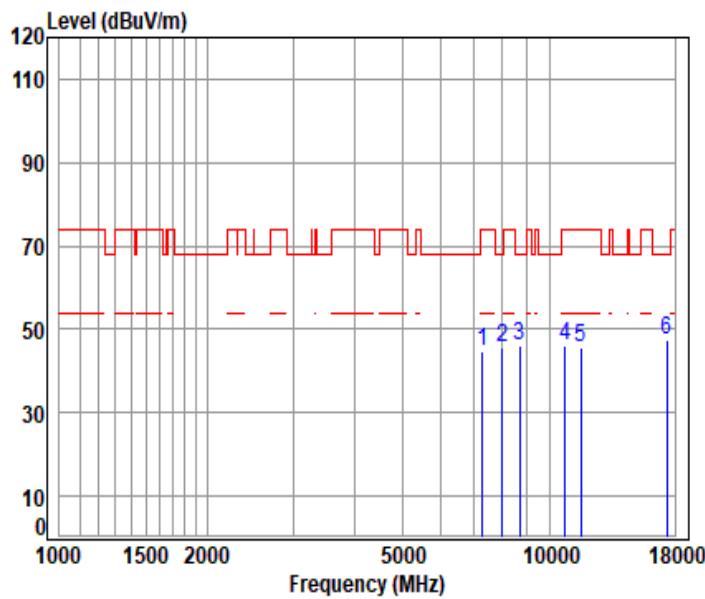
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11ax\_20M\_TX\_CH\_157\_Verical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5785 TX RSE

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7292.895	11.51	36.69	56.71	53.14	44.63	74.00	-29.37 peak
2	8001.191	11.56	37.80	56.50	52.63	45.49	68.20	-22.71 peak
3	8698.174	12.09	38.59	56.24	51.50	45.94	68.20	-22.26 peak
4	10772.670	13.78	39.33	55.56	48.57	46.12	74.00	-27.88 peak
5	11570.000	14.78	39.60	55.32	46.55	45.61	74.00	-28.39 peak
6	pp17355.000	18.00	40.31	54.14	43.41	47.58	68.20	-20.62 peak

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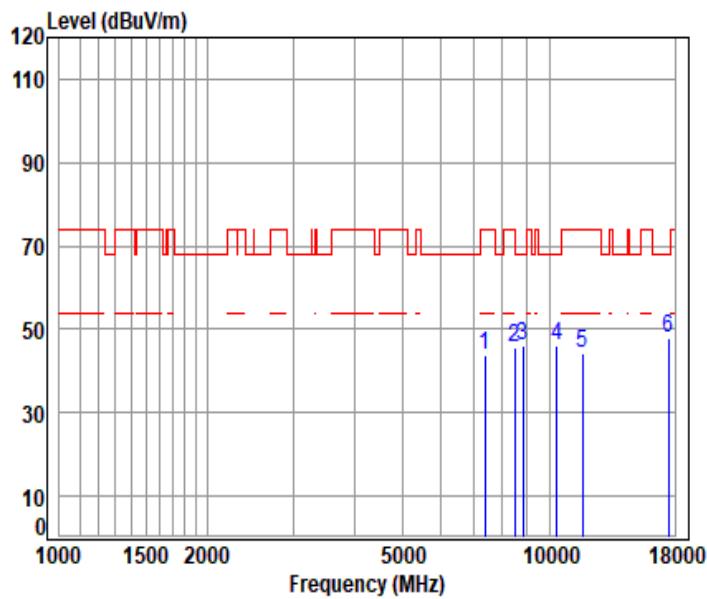
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11ax\_20M\_TX\_CH\_165\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 5825 TX RSE

: 5.8G Wi-Fi 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	7382.582	11.50	36.73	56.68	52.27	43.82	74.00	-30.18	peak
2	8488.119	12.23	38.32	56.31	51.37	45.61	74.00	-28.39	peak
3	8832.090	12.24	38.50	56.19	51.54	46.09	68.20	-22.11	peak
4	10363.680	13.61	39.00	55.68	49.14	46.07	68.20	-22.13	peak
5	11650.000	14.69	39.55	55.30	45.52	44.46	74.00	-29.54	peak
6	pp17475.000	18.35	40.78	54.15	42.95	47.93	68.20	-20.27	peak

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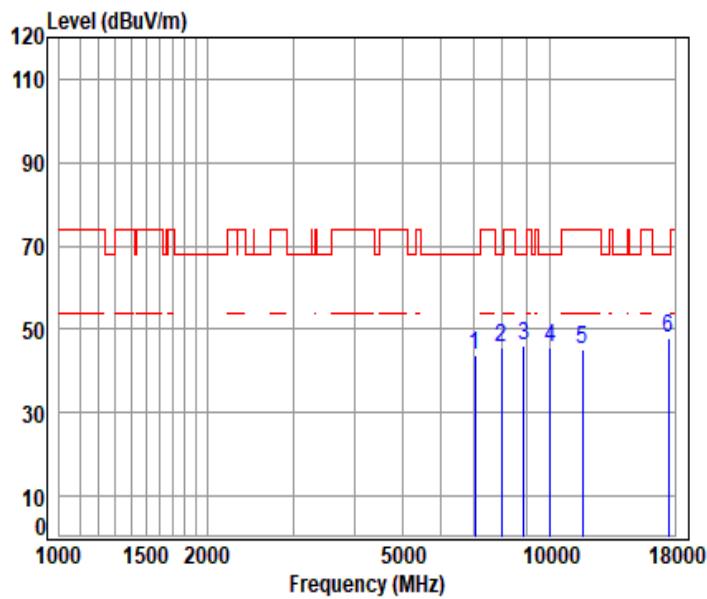
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11ax\_20M\_TX\_CH\_165\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5825 TX RSE

: 5.8G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	7030.319	11.56	36.26	56.79	52.90	43.93	68.20 -24.27 peak
2	7984.908	11.56	37.77	56.50	52.78	45.61	68.20 -22.59 peak
3	8859.119	12.23	38.52	56.18	51.38	45.95	68.20 -22.25 peak
4	10031.330	13.09	38.96	55.79	49.57	45.83	68.20 -22.37 peak
5	11650.000	14.69	39.55	55.30	46.13	45.07	74.00 -28.93 peak
6	pp17475.000	18.35	40.78	54.15	43.01	47.99	68.20 -20.21 peak

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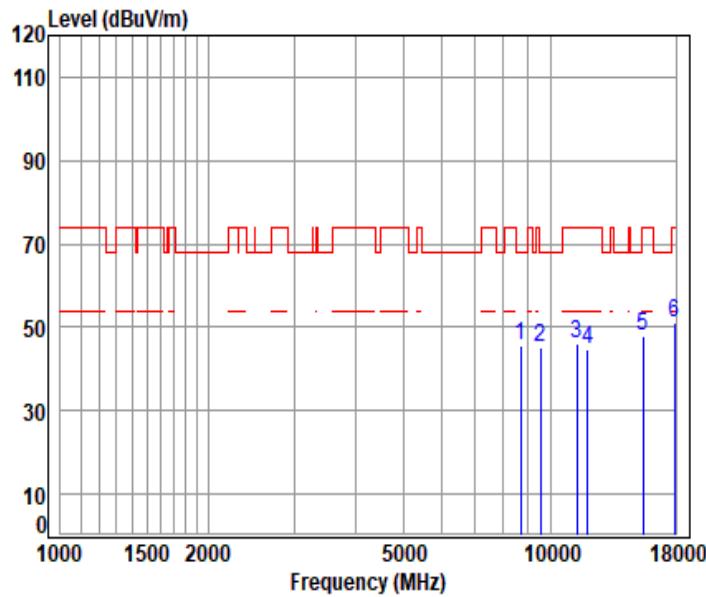
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11a\_TX\_CH\_001\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5955 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Level	Line Level	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	8671.635	12.05	38.49	56.25	51.42	45.71	68.20	-22.49	peak
2	9533.237	12.52	38.83	55.95	49.64	45.04	68.20	-23.16	peak
3	11312.450	14.59	39.70	55.39	47.11	46.01	74.00	-27.99	peak
4	11910.000	14.88	39.71	55.22	45.21	44.58	74.00	-29.42	peak
5	15449.650	16.83	38.60	54.05	46.61	47.99	74.00	-26.01	peak
6	17865.000	18.65	42.89	54.19	43.62	50.97	74.00	-23.03	peak

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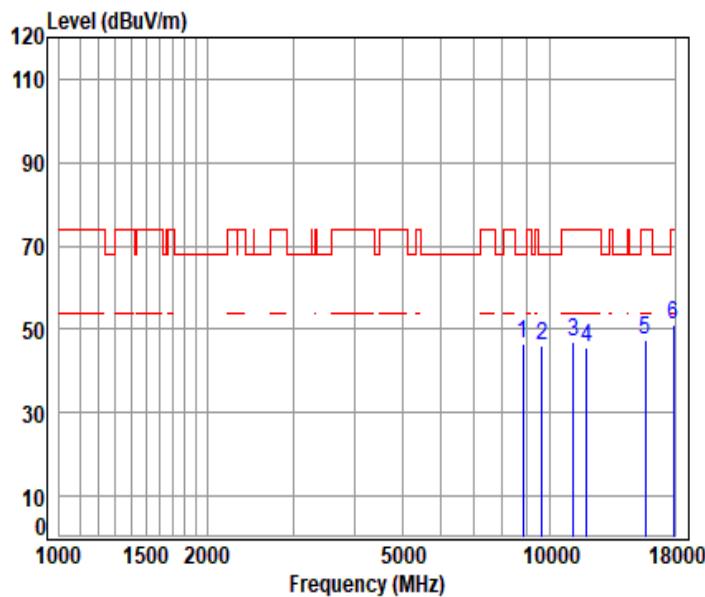
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## 11a\_TX\_CH\_001\_Vertical



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 5955 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	8823.098	12.24	38.50	56.19	52.16	46.71	68.20 -21.49 peak
2	9640.650	12.54	38.72	55.91	50.96	46.31	68.20 -21.89 peak
3	11197.810	14.76	39.60	55.43	47.90	46.83	74.00 -27.17 peak
4	11910.000	14.88	39.71	55.22	46.35	45.72	74.00 -28.28 peak
5	15687.510	17.26	38.59	54.03	45.68	47.50	74.00 -26.50 peak
6	17865.000	18.65	42.89	54.19	43.60	50.95	74.00 -23.05 peak

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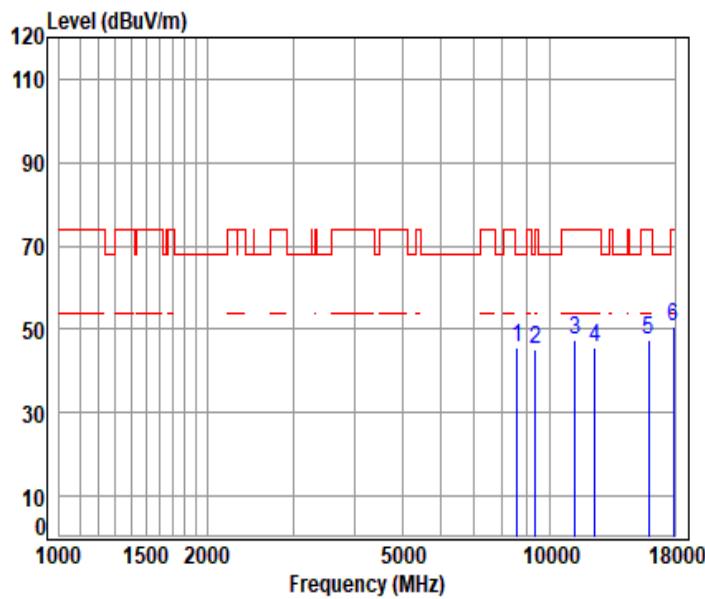
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## 11a\_TX\_CH\_045\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6175 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	8592.505	11.99	38.47	56.28	51.38	45.56	68.20	-22.64	peak
2	9350.516	12.24	38.80	56.01	50.08	45.11	74.00	-28.89	peak
3	11277.940	14.67	39.68	55.40	48.48	47.43	74.00	-26.57	peak
4	12350.000	15.08	39.85	55.07	45.83	45.69	74.00	-28.31	peak
5	15945.270	17.22	38.65	54.01	45.78	47.64	74.00	-26.36	peak
6	17872.120	18.66	42.93	54.19	43.23	50.63	74.00	-23.37	peak

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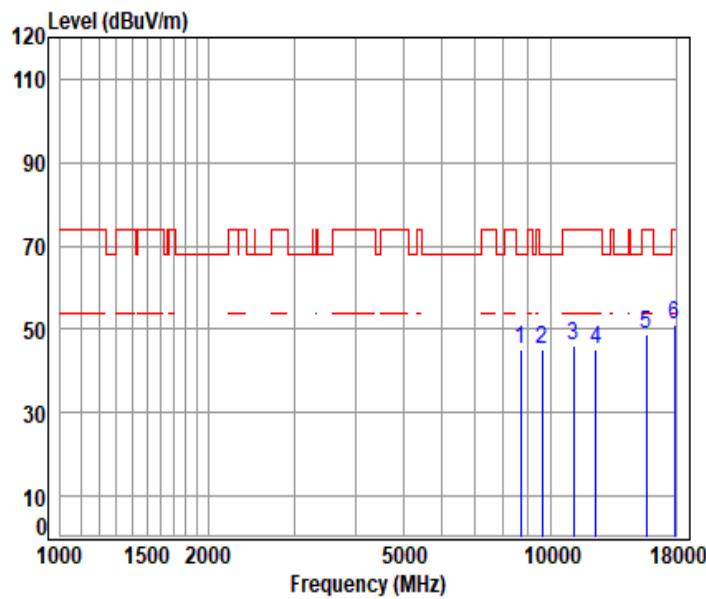
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11a\_TX\_CH\_045\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6175 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	8671.635	12.05	38.49	56.25	50.94	45.23	68.20 -22.97 peak
2	9611.236	12.46	38.78	55.92	49.94	45.26	68.20 -22.94 peak
3	11152.280	14.71	39.55	55.44	47.36	46.18	74.00 -27.82 peak
4	12350.000	15.08	39.85	55.07	45.52	45.38	74.00 -28.62 peak
5	15687.510	17.26	38.59	54.03	47.12	48.94	74.00 -25.06 peak
6	pp17872.120	18.66	42.93	54.19	43.77	51.17	74.00 -22.83 peak

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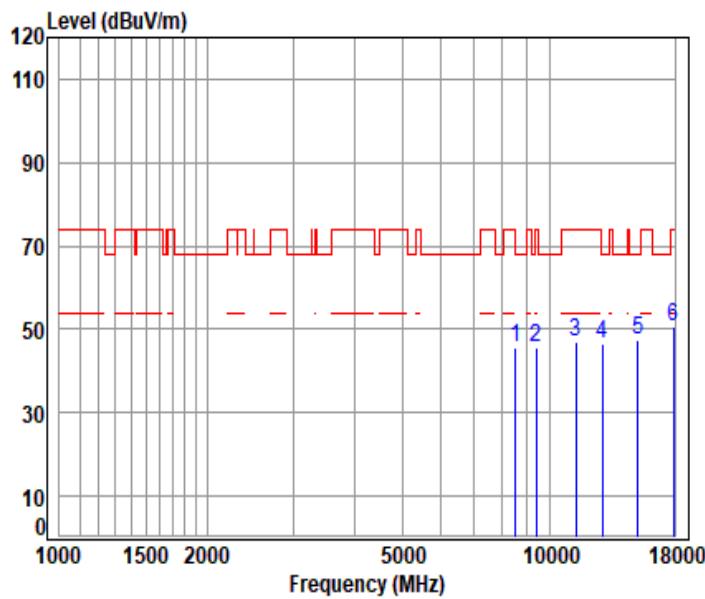
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11a\_TX\_CH\_093\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6415 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 8514.096	12.26	38.30	56.30	51.59	45.85	68.20	-22.35 peak
2 9398.258	12.30	38.80	55.99	50.73	45.84	74.00	-28.16 peak
3 11300.930	14.64	39.70	55.40	48.14	47.08	74.00	-26.92 peak
4 12830.000	15.53	40.33	54.90	45.56	46.52	68.20	-21.68 peak
5 pp15107.300	16.71	38.71	54.09	46.29	47.62	68.20	-20.58 peak
6 17872.120	18.66	42.93	54.19	43.31	50.71	74.00	-23.29 peak

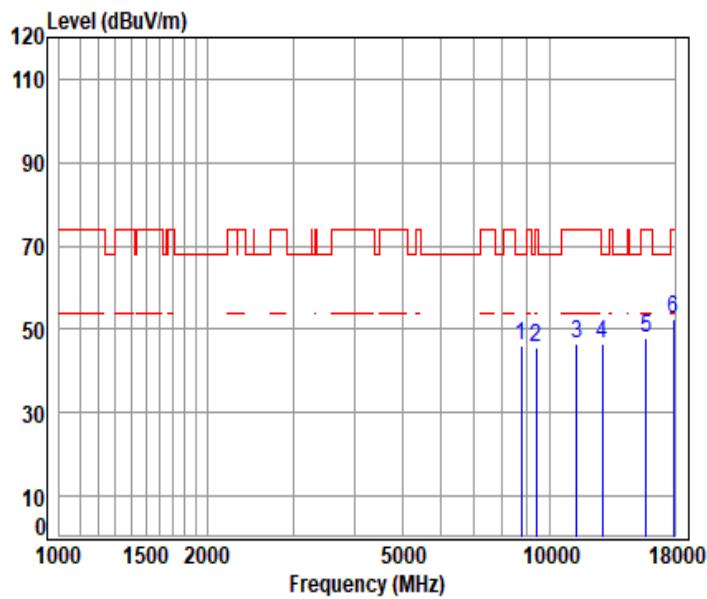
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## 11a\_TX\_CH\_093\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6415 TX RSE

: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dB	dBuV	dBuV/m	dB
1	8760.413	12.19	38.50	56.22	51.46	45.93	68.20	-22.27	peak
2	9379.132	12.27	38.80	56.00	50.34	45.41	74.00	-28.59	peak
3	11358.640	14.39	39.70	55.38	47.94	46.65	74.00	-27.35	peak
4	12830.000	15.53	40.33	54.90	45.72	46.68	68.20	-21.52	peak
5	15719.500	17.22	38.58	54.03	46.15	47.92	74.00	-26.08	peak
6	pp17872.120	18.66	42.93	54.19	45.10	52.50	74.00	-21.50	peak

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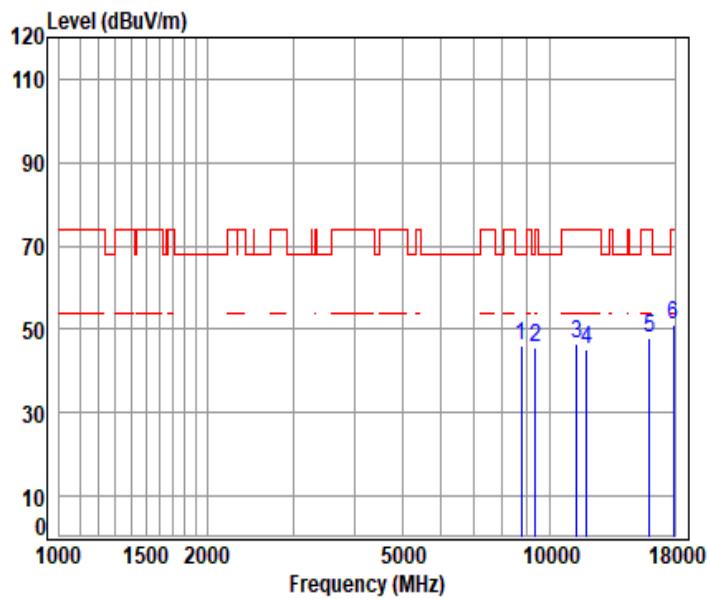
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11ax\_VHT(20M)\_TX\_CH\_001\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 5955 TX RSE  
: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	8742.585	12.16	38.51	56.22	51.80	46.25	68.20	-21.95	peak
2	9340.997	12.22	38.80	56.01	50.53	45.54	74.00	-28.46	peak
3	11335.520	14.49	39.70	55.39	47.91	46.71	74.00	-27.29	peak
4	11910.000	14.88	39.71	55.22	45.99	45.36	74.00	-28.64	peak
5	15961.520	17.20	38.64	54.00	45.90	47.74	74.00	-26.26	peak
6	17865.000	18.65	42.89	54.19	43.55	50.90	74.00	-23.10	peak

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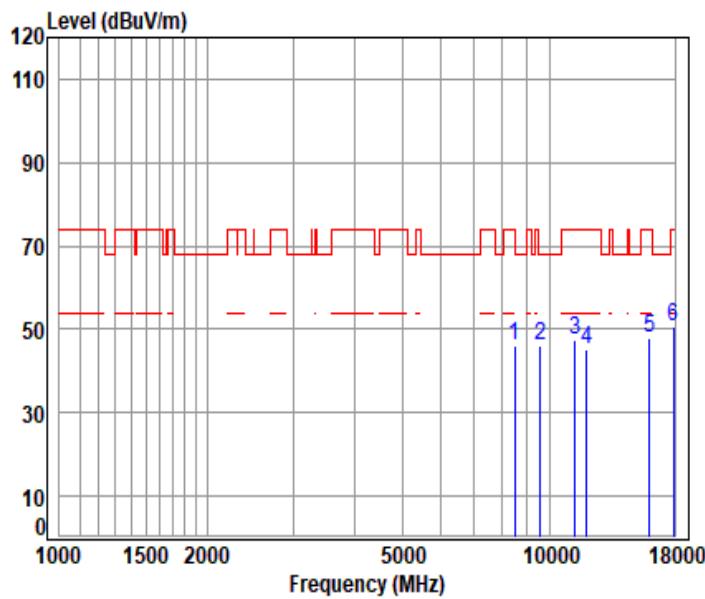
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11ax\_VHT(20M)\_TX\_CH\_001\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 5955 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dB	dBuV	dBuV/m	dB
1	8496.769	12.29	38.31	56.31	52.00	46.29	74.00	-27.71	peak
2	pp 9581.912	12.45	38.80	55.93	50.61	45.93	68.20	-22.27	peak
3	11289.430	14.65	39.69	55.40	48.37	47.31	74.00	-26.69	peak
4	11910.000	14.88	39.71	55.22	45.87	45.24	74.00	-28.76	peak
5	15994.060	17.16	38.61	54.00	45.93	47.70	74.00	-26.30	peak
6	17865.000	18.65	42.89	54.19	43.36	50.71	74.00	-23.29	peak

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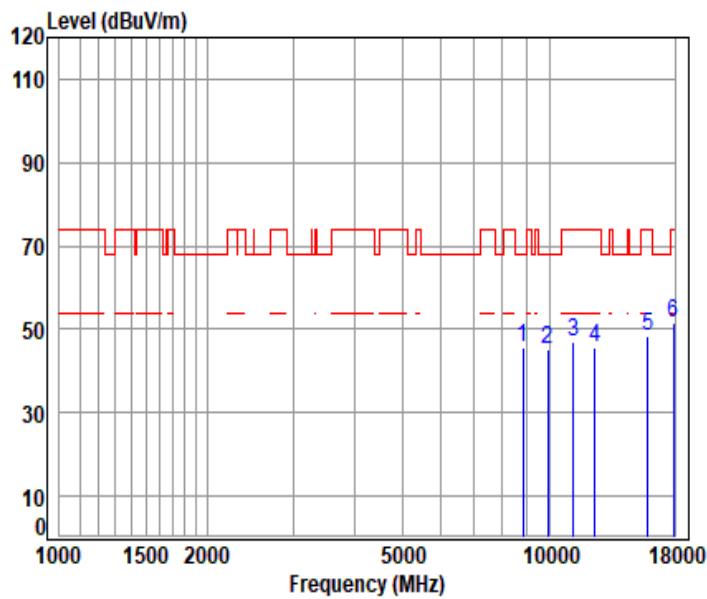
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11ax\_VHT(20M)\_TX\_CH\_045\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6175 TX RSE  
: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level	Level	dBuV/m	dBuV/m
1 8823.098	12.24	38.50	56.19	50.92	45.47	68.20	-22.73 peak
2 9919.560	12.84	38.90	55.83	49.38	45.29	68.20	-22.91 peak
3 11197.810	14.76	39.60	55.43	48.00	46.93	74.00	-27.07 peak
4 12350.000	15.08	39.85	55.07	45.89	45.75	74.00	-28.25 peak
5 15880.430	17.23	38.66	54.01	46.27	48.15	74.00	-25.85 peak
6 pp17872.120	18.66	42.93	54.19	43.94	51.34	74.00	-22.66 peak

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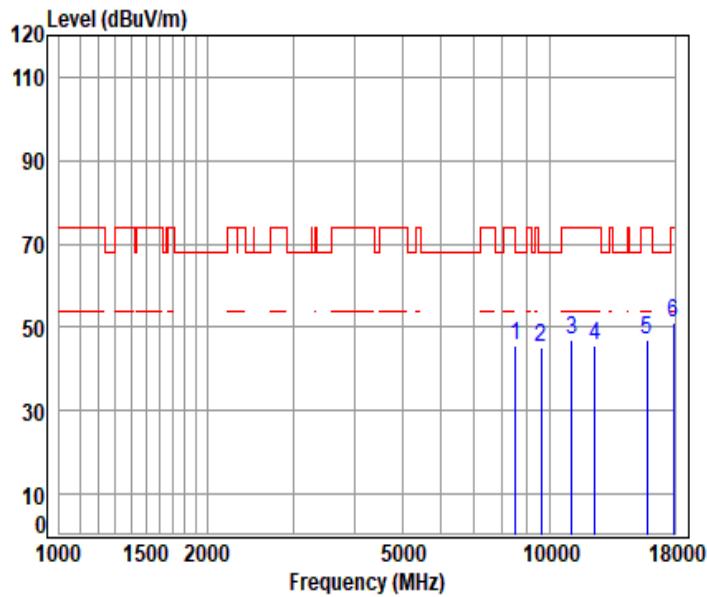
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11ax\_VHT(20M)\_TX\_CH\_045\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6175 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	8531.458	12.20	38.30	56.30	51.50	45.70	68.20 -22.50 peak
2	9601.452	12.43	38.80	55.93	49.87	45.17	68.20 -23.03 peak
3	11095.630	14.64	39.50	55.46	48.15	46.83	74.00 -27.17 peak
4	12350.000	15.08	39.85	55.07	45.65	45.51	74.00 -28.49 peak
5	15767.610	17.11	38.53	54.02	45.48	47.10	74.00 -26.90 peak
6	17872.120	18.66	42.93	54.19	43.79	51.19	74.00 -22.81 peak

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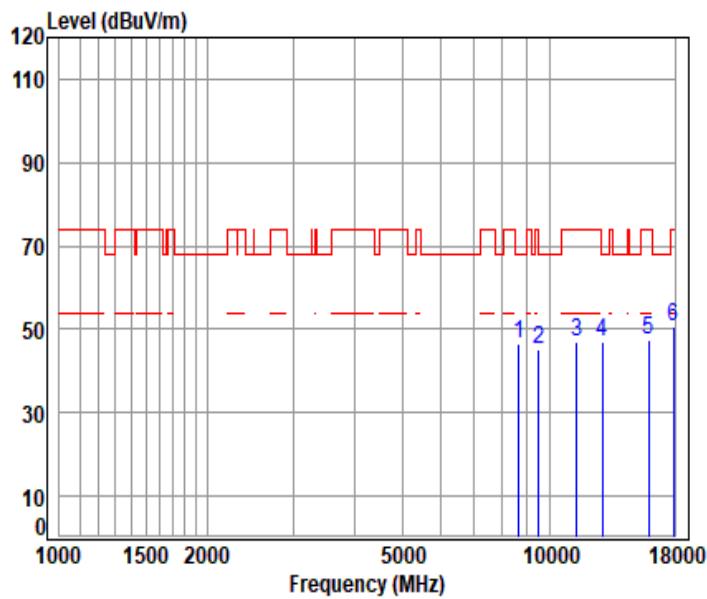
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11ax\_VHT(20M)\_TX\_CH\_093\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6415 TX RSE  
: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
1	8653.987	12.03	38.42	56.25	52.19	46.39	68.20	-21.81	peak
2	9484.810	12.52	38.87	55.97	49.93	45.35	74.00	-28.65	peak
3	11358.640	14.39	39.70	55.38	48.08	46.79	74.00	-27.21	peak
4	pp12830.000	15.53	40.33	54.90	46.13	47.09	68.20	-21.11	peak
5	15945.270	17.22	38.65	54.01	45.47	47.33	74.00	-26.67	peak
6	17872.120	18.66	42.93	54.19	43.19	50.59	74.00	-23.41	peak

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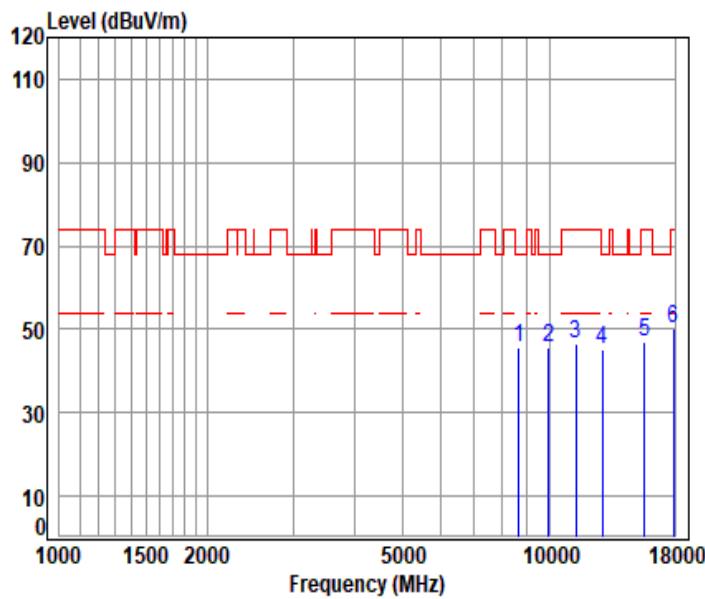
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11ax\_VHT(20M)\_TX\_CH\_093\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6415 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	8653.987	12.03	38.42	56.25	51.57	45.77	68.20	-22.43	peak
2	9949.918	12.90	38.90	55.82	49.64	45.62	68.20	-22.58	peak
3	11300.930	14.64	39.70	55.40	47.69	46.63	74.00	-27.37	peak
4	12830.000	15.53	40.33	54.90	44.42	45.38	68.20	-22.82	peak
5	15639.650	17.21	38.54	54.04	45.44	47.15	74.00	-26.85	peak
6	17872.120	18.66	42.93	54.19	42.93	50.33	74.00	-23.67	peak

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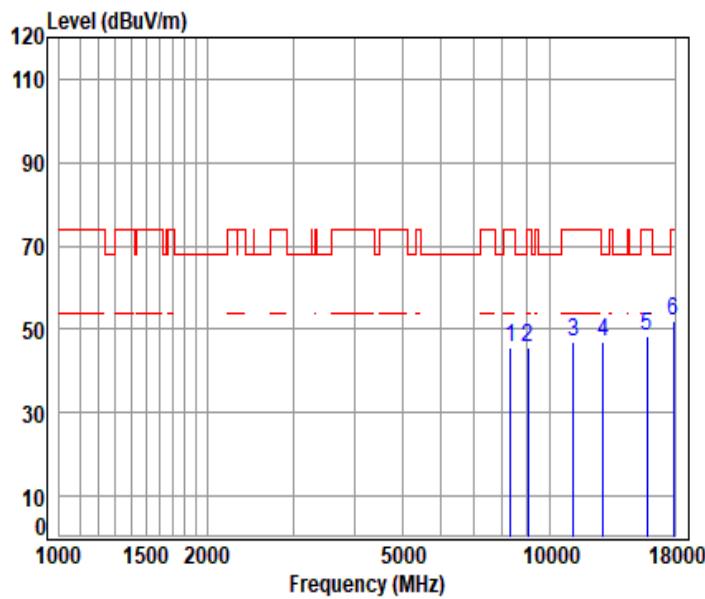
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11a\_TX\_CH\_097\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6435 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	8325.429	11.73	38.31	56.37	52.17	45.84	74.00	-28.16	peak
2	9013.856	12.15	38.60	56.13	50.95	45.57	74.00	-28.43	peak
3	11197.810	14.76	39.60	55.43	48.15	47.08	74.00	-26.92	peak
4	pp12870.000	15.69	40.37	54.88	45.60	46.78	68.20	-21.42	peak
5	15767.610	17.11	38.53	54.02	46.70	48.32	74.00	-25.68	peak
6	17872.120	18.66	42.93	54.19	44.54	51.94	74.00	-22.06	peak

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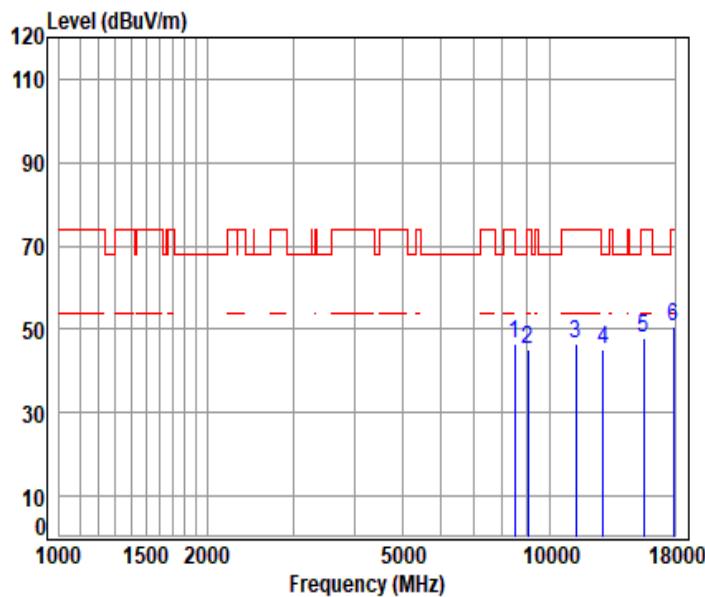
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11a\_TX\_CH\_097\_Verical



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 6435 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8496.769	12.29	38.31	56.31	52.13	46.42	74.00 -27.58 peak
2	9041.442	12.14	38.60	56.12	50.76	45.38	74.00 -28.62 peak
3	11312.450	14.59	39.70	55.39	47.67	46.57	74.00 -27.43 peak
4	pp12870.000	15.69	40.37	54.88	44.13	45.31	68.20 -22.89 peak
5	15560.200	17.06	38.54	54.04	46.43	47.99	74.00 -26.01 peak
6	17872.120	18.66	42.93	54.19	43.16	50.56	74.00 -23.44 peak

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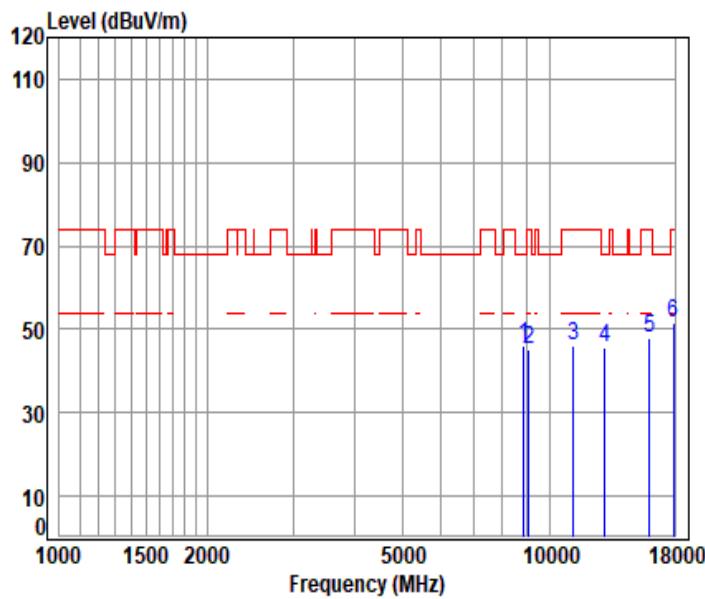
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11a\_TX\_CH\_105\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6475 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp 8850.100	12.23	38.50	56.18	51.33	45.88	68.20	-22.32 peak
2 9050.656	12.13	38.60	56.11	50.38	45.00	74.00	-29.00 peak
3 11197.810	14.76	39.60	55.43	47.34	46.27	74.00	-27.73 peak
4 12950.000	15.85	40.35	54.85	44.50	45.85	68.20	-22.35 peak
5 15994.060	17.16	38.61	54.00	46.23	48.00	74.00	-26.00 peak
6 17872.120	18.66	42.93	54.19	44.16	51.56	74.00	-22.44 peak

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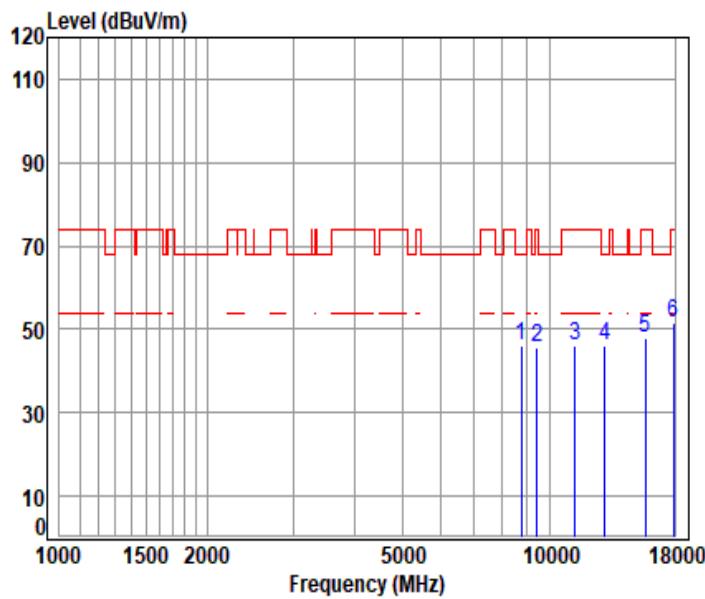
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11a\_TX\_CH\_105\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6475 TX RSE

: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8742.585	12.16	38.51	56.22	51.45	45.90	68.20 -22.30 peak
2	9427.021	12.37	38.80	55.99	50.24	45.42	74.00 -28.58 peak
3	11289.430	14.65	39.69	55.40	47.35	46.29	74.00 -27.71 peak
4	pp12950.000	15.85	40.35	54.85	44.90	46.25	68.20 -21.95 peak
5	15687.510	17.26	38.59	54.03	45.91	47.73	74.00 -26.27 peak
6	17872.120	18.66	42.93	54.19	44.30	51.70	74.00 -22.30 peak

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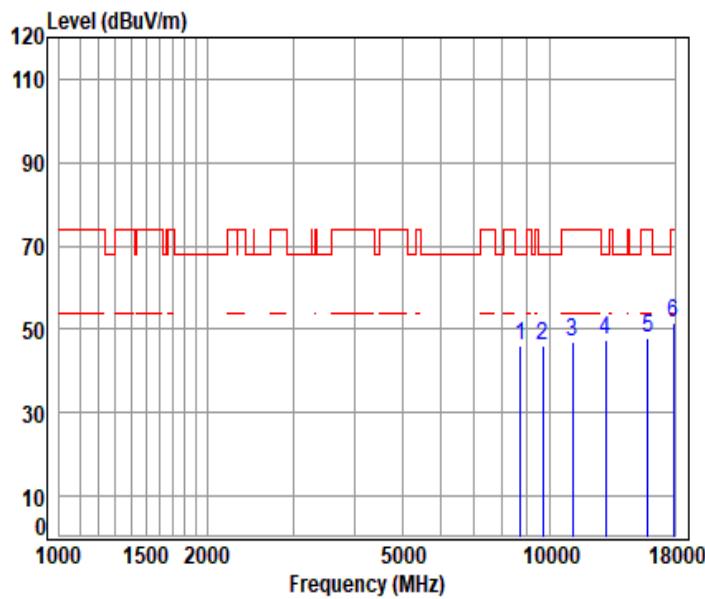
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11a\_TX\_CH\_113\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6515 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8724.793	12.13	38.55	56.23	51.55	46.00	68.20 -22.20 peak
2	9670.154	12.62	38.70	55.91	50.60	46.01	68.20 -22.19 peak
3	11152.280	14.71	39.55	55.44	48.01	46.83	74.00 -27.17 peak
4	pp13030.000	15.79	40.30	54.83	46.18	47.44	68.20 -20.76 peak
5	15848.120	17.15	38.60	54.01	45.99	47.73	74.00 -26.27 peak
6	17872.120	18.66	42.93	54.19	44.30	51.70	74.00 -22.30 peak

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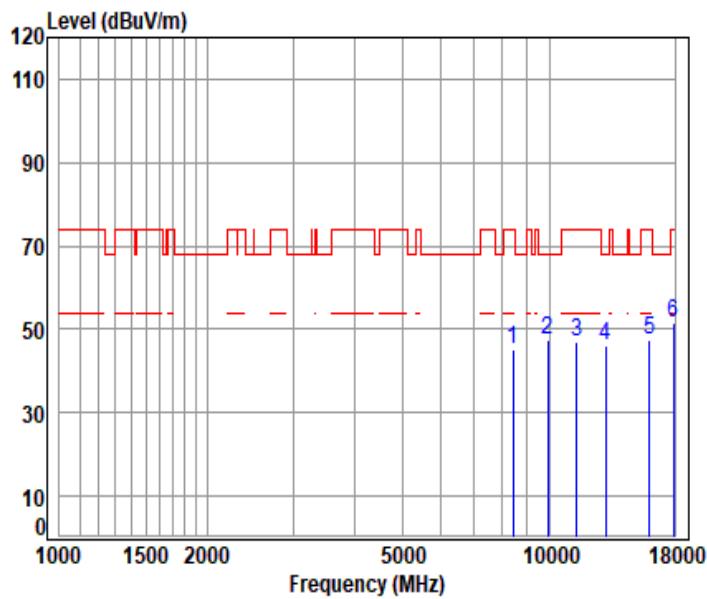
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11a\_TX\_CH\_113\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6515 TX RSE

: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit	Over	Remark
				Level	Level	Line	
1 8427.813	11.82	38.49	56.34	51.42	45.39	74.00	-28.61 peak
2 pp 9919.560	12.84	38.90	55.83	51.36	47.27	68.20	-20.93 peak
3 11370.210	14.34	39.70	55.38	48.34	47.00	74.00	-27.00 peak
4 13030.000	15.79	40.30	54.83	44.86	46.12	68.20	-22.08 peak
5 15961.520	17.20	38.64	54.00	45.56	47.40	74.00	-26.60 peak
6 17872.120	18.66	42.93	54.19	44.20	51.60	74.00	-22.40 peak

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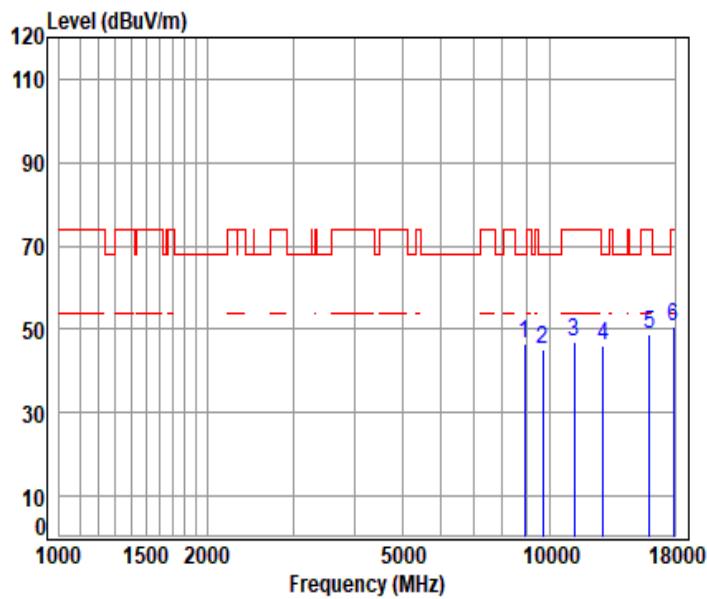
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11ax\_VHT(20M)\_TX\_CH\_097\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 6435 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
1 pp	8904.353	12.22	38.59	56.16	51.82	46.47	68.20 -21.73 peak
2	9680.010	12.65	38.70	55.90	49.77	45.22	68.20 -22.98 peak
3	11220.650	14.74	39.62	55.42	48.21	47.15	74.00 -26.85 peak
4	12870.000	15.69	40.37	54.88	44.90	46.08	68.20 -22.12 peak
5	15977.780	17.18	38.62	54.00	46.83	48.63	74.00 -25.37 peak
6	17872.120	18.66	42.93	54.19	43.17	50.57	74.00 -23.43 peak

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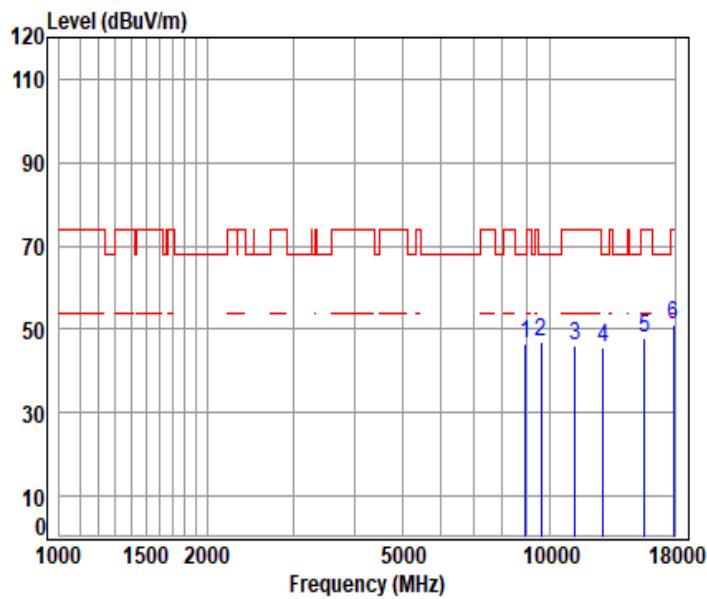
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11ax\_VHT(20M)\_TX\_CH\_097\_Verical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6435 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dB	dBuV	dBuV/m	dB
1	8922.510	12.20	38.55	56.16	51.73	46.32	68.20	-21.88	peak
2	pp 9621.031	12.49	38.76	55.92	51.71	47.04	68.20	-21.16	peak
3	11289.430	14.65	39.69	55.40	47.20	46.14	74.00	-27.86	peak
4	12870.000	15.69	40.37	54.88	44.51	45.69	68.20	-22.51	peak
5	15623.720	17.19	38.52	54.04	46.40	48.07	74.00	-25.93	peak
6	17872.120	18.66	42.93	54.19	43.51	50.91	74.00	-23.09	peak

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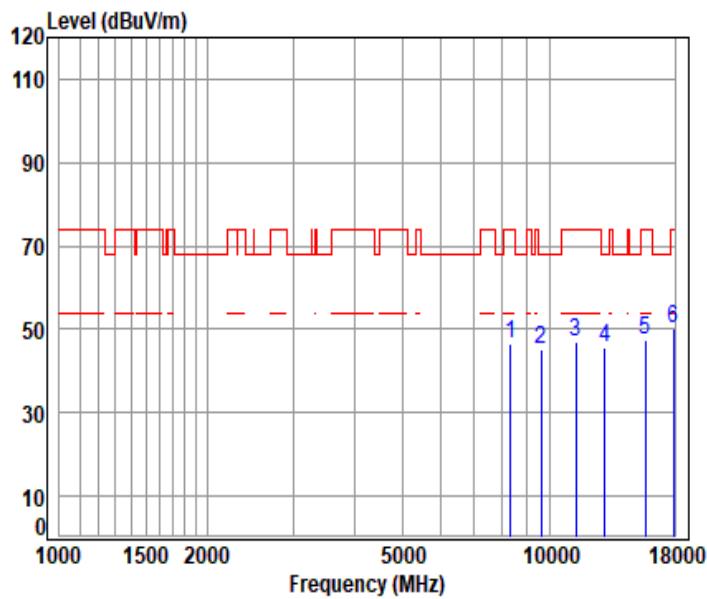
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11ax\_VHT(20M)\_TX\_CH\_105\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6475 TX RSE  
: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
1	8325.429	11.73	38.31	56.37	52.74	46.41	74.00 -27.59 peak
2	9611.236	12.46	38.78	55.92	50.07	45.39	68.20 -22.81 peak
3	11312.450	14.59	39.70	55.39	47.91	46.81	74.00 -27.19 peak
4	pp12950.000	15.85	40.35	54.85	44.43	45.78	68.20 -22.42 peak
5	15655.580	17.23	38.56	54.03	45.82	47.58	74.00 -26.42 peak
6	17872.120	18.66	42.93	54.19	42.83	50.23	74.00 -23.77 peak

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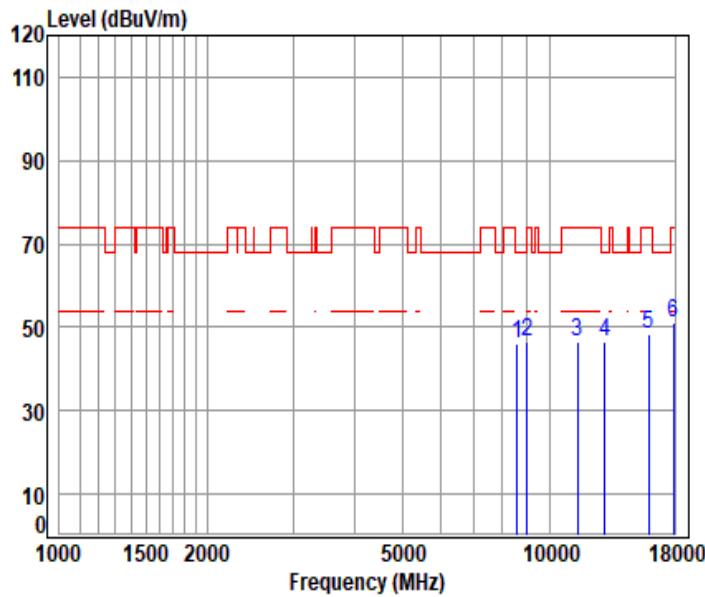
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11ax\_VHT(20M)\_TX\_CH\_105\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6475 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				dB	dBuV			
1	8583.757	12.02	38.44	56.28	52.01	46.19	68.20	-22.01 peak
2	9004.680	12.15	38.60	56.13	51.70	46.32	74.00	-27.68 peak
3	11405.010	14.25	39.69	55.37	47.80	46.37	74.00	-27.63 peak
4	pp12950.000	15.85	40.35	54.85	45.23	46.58	68.20	-21.62 peak
5	15929.030	17.24	38.67	54.01	46.56	48.46	74.00	-25.54 peak
6	17872.120	18.66	42.93	54.19	43.84	51.24	74.00	-22.76 peak

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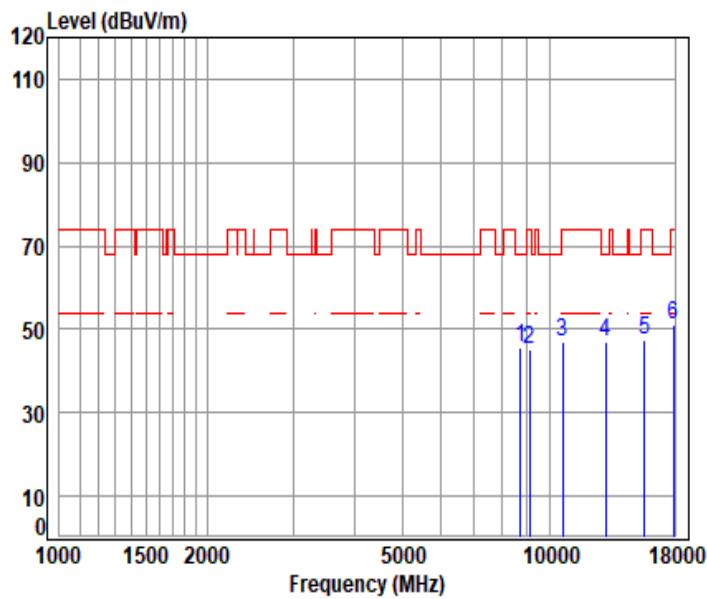
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11ax\_VHT(20M)\_TX\_CH\_113\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6515 TX RSE  
: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	8715.911	12.12	38.57	56.23	51.29	45.75	68.20	-22.45	peak
2	9115.418	12.15	38.63	56.09	50.43	45.12	74.00	-28.88	peak
3	10620.150	13.68	39.32	55.60	49.38	46.78	74.00	-27.22	peak
4	pp13030.000	15.79	40.30	54.83	45.72	46.98	68.20	-21.22	peak
5	15639.650	17.21	38.54	54.04	45.74	47.45	74.00	-26.55	peak
6	17872.120	18.66	42.93	54.19	43.73	51.13	74.00	-22.87	peak

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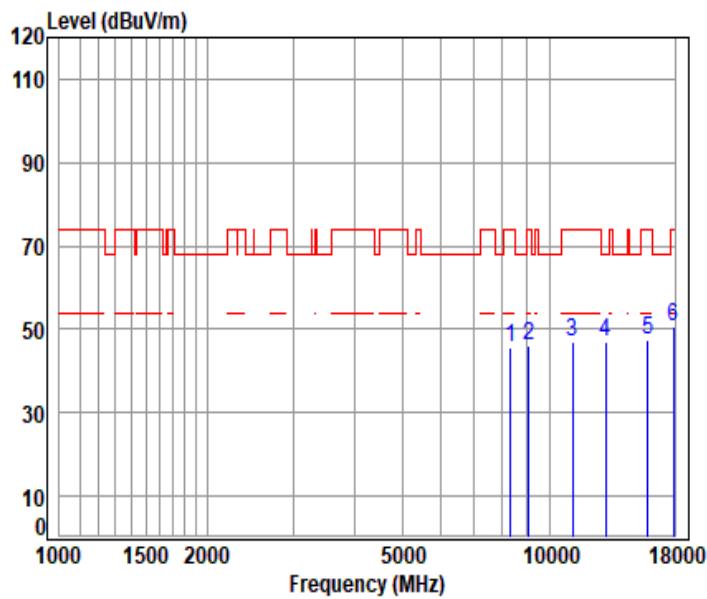
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11ax\_VHT(20M)\_TX\_CH\_113\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6515 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dB	dBuV	dBuV/m	dB
1	8333.913	11.72	38.44	56.37	51.79	45.58	74.00	-28.42	peak
2	9050.656	12.13	38.60	56.11	51.37	45.99	74.00	-28.01	peak
3	11152.280	14.71	39.55	55.44	48.24	47.06	74.00	-26.94	peak
4	pp13030.000	15.79	40.30	54.83	45.93	47.19	68.20	-21.01	peak
5	15880.430	17.23	38.66	54.01	45.74	47.62	74.00	-26.38	peak
6	17872.120	18.66	42.93	54.19	43.13	50.53	74.00	-23.47	peak

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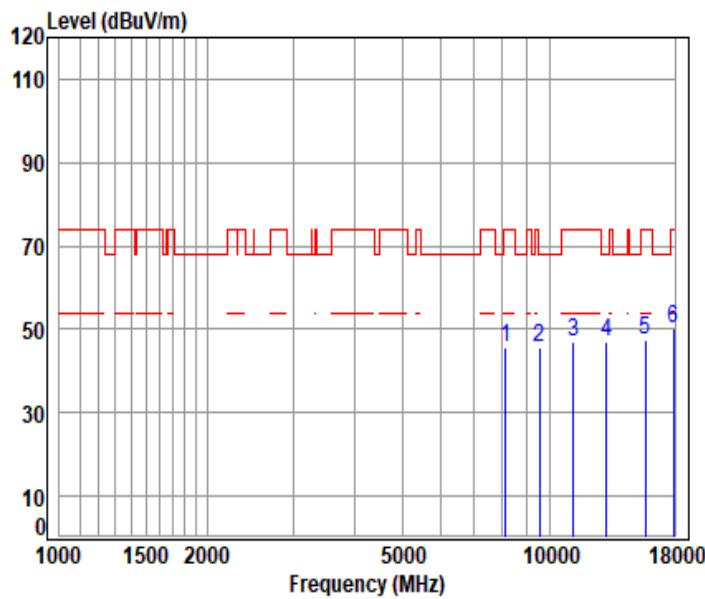
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11a\_TX\_CH\_117\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6535 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	8140.943	11.50	37.88	56.45	52.67	45.60	74.00	-28.40	peak
2	9523.532	12.53	38.85	55.95	50.26	45.69	68.20	-22.51	peak
3	11186.410	14.75	39.59	55.43	48.15	47.06	74.00	-26.94	peak
4	pp13070.000	15.67	40.30	54.81	45.74	46.90	68.20	-21.30	peak
5	15687.510	17.26	38.59	54.03	45.59	47.41	74.00	-26.59	peak
6	17872.120	18.66	42.93	54.19	42.96	50.36	74.00	-23.64	peak

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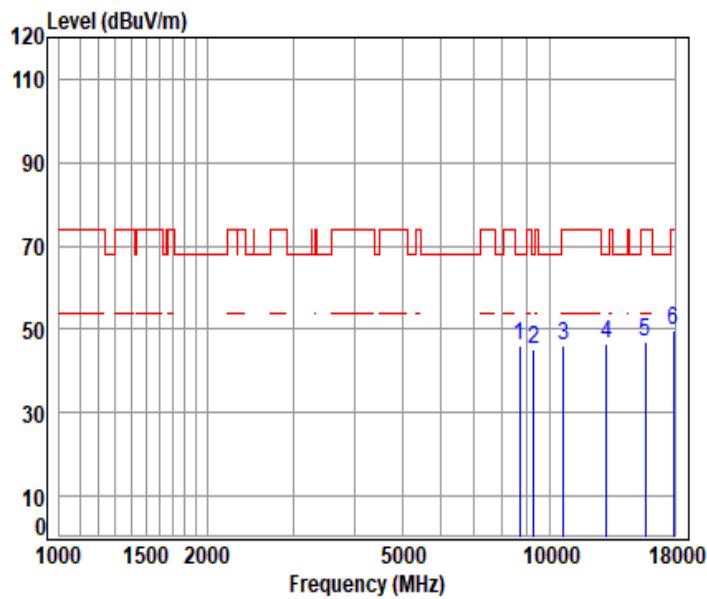
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11a\_TX\_CH\_117\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6535 TX RSE

: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8689.318	12.08	38.56	56.24	51.50	45.90	68.20 -22.30 peak
2	9265.190	12.22	38.03	56.04	51.07	45.28	68.20 -22.92 peak
3	10674.370	13.92	39.37	55.59	48.41	46.11	74.00 -27.89 peak
4	pp13070.000	15.67	40.30	54.81	45.53	46.69	68.20 -21.51 peak
5	15671.540	17.24	38.57	54.03	45.27	47.05	74.00 -26.95 peak
6	17872.120	18.66	42.93	54.19	42.46	49.86	74.00 -24.14 peak

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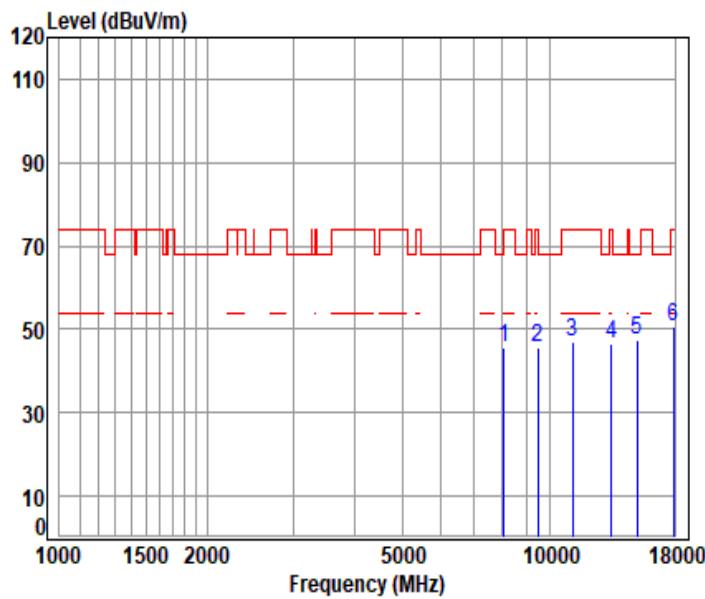
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11a\_TX\_CH\_149\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6695 TX RSE  
: Wi-Fi 6E 11a

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	8083.105	11.47	37.80	56.47	52.92	45.72	74.00 -28.28 peak
2	9465.507	12.47	38.83	55.97	50.24	45.57	74.00 -28.43 peak
3	11152.280	14.71	39.55	55.44	47.98	46.80	74.00 -27.20 peak
4	13390.000	15.97	40.30	54.70	45.19	46.76	74.00 -27.24 peak
5	pp15091.920	16.70	38.71	54.09	46.23	47.55	68.20 -20.65 peak
6	17872.120	18.66	42.93	54.19	43.33	50.73	74.00 -23.27 peak

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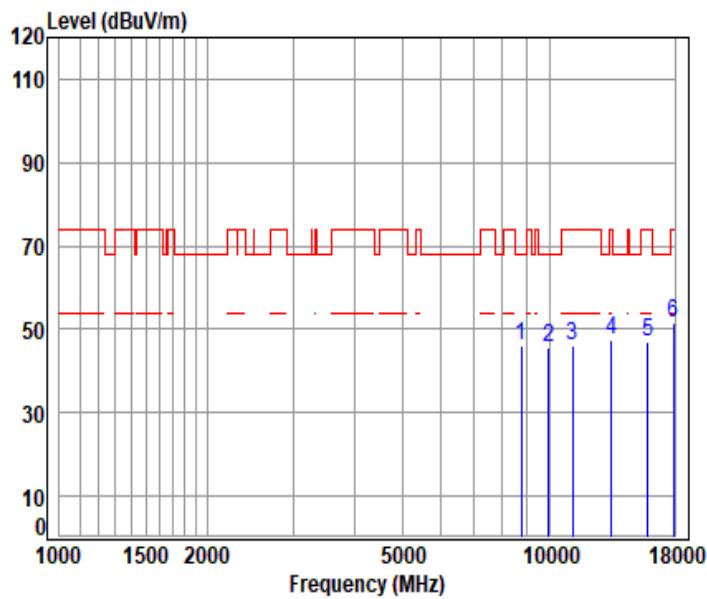
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11a\_TX\_CH\_149\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6695 TX RSE

: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	8751.494	12.17	38.50	56.22	51.71	46.16	68.20	-22.04	peak
2	9949.918	12.90	38.90	55.82	49.70	45.68	68.20	-22.52	peak
3	11140.930	14.70	39.54	55.44	47.35	46.15	74.00	-27.85	peak
4	13390.000	15.97	40.30	54.70	45.99	47.56	74.00	-26.44	peak
5	15864.270	17.19	38.63	54.01	45.36	47.17	74.00	-26.83	peak
6	17872.120	18.66	42.93	54.19	44.08	51.48	74.00	-22.52	peak

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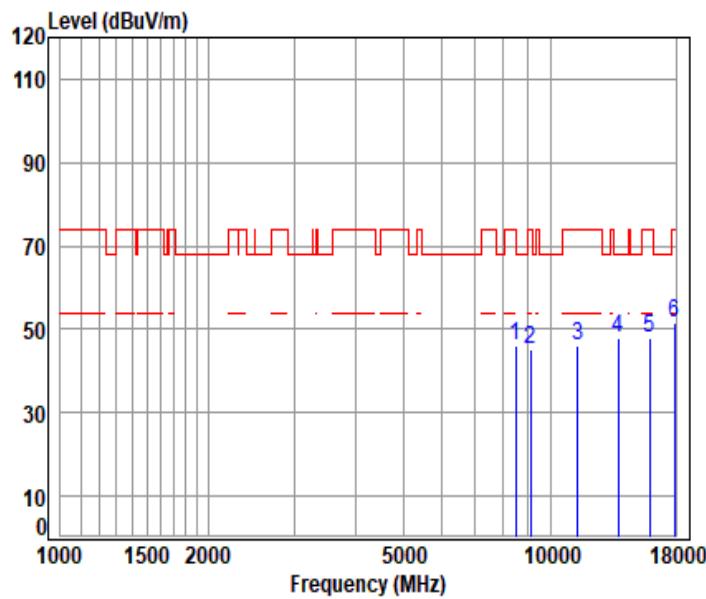
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11a\_TX\_CH\_181\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6855 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
1	8496.769	12.29	38.31	56.31	51.78	46.07	74.00 -27.93 peak
2	9106.138	12.13	38.61	56.09	50.40	45.05	74.00 -28.95 peak
3	11335.520	14.49	39.70	55.39	47.31	46.11	74.00 -27.89 peak
4	pp13710.000	16.36	39.99	54.60	46.32	48.07	68.20 -20.13 peak
5	15896.620	17.27	38.69	54.01	46.02	47.97	74.00 -26.03 peak
6	17872.120	18.66	42.93	54.19	44.30	51.70	74.00 -22.30 peak

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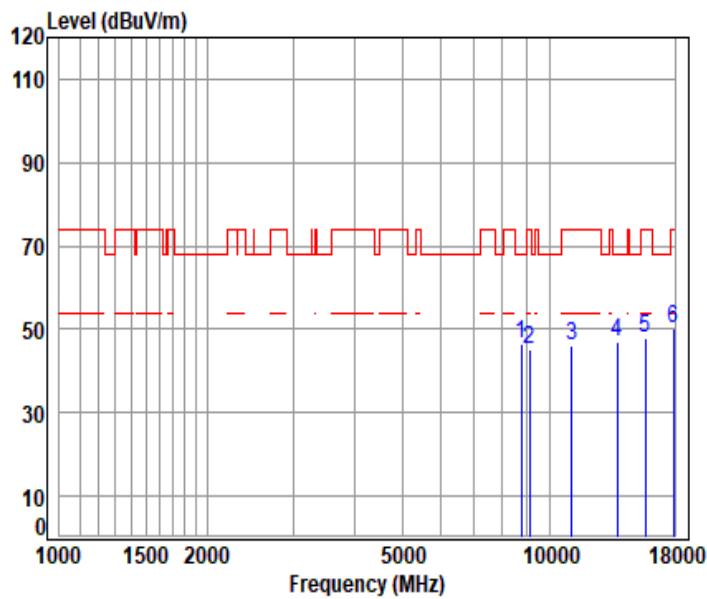
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11a\_TX\_CH\_181\_Vertical



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 6855 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	8769.341	12.20	38.50	56.21	52.01	46.50	68.20	-21.70	peak
2	9087.606	12.12	38.60	56.10	50.67	45.29	74.00	-28.71	peak
3	11084.330	14.58	39.48	55.46	47.70	46.30	74.00	-27.70	peak
4	pp13710.000	16.36	39.99	54.60	45.17	46.92	68.20	-21.28	peak
5	15655.580	17.23	38.56	54.03	46.10	47.86	74.00	-26.14	peak
6	17872.120	18.66	42.93	54.19	42.85	50.25	74.00	-23.75	peak

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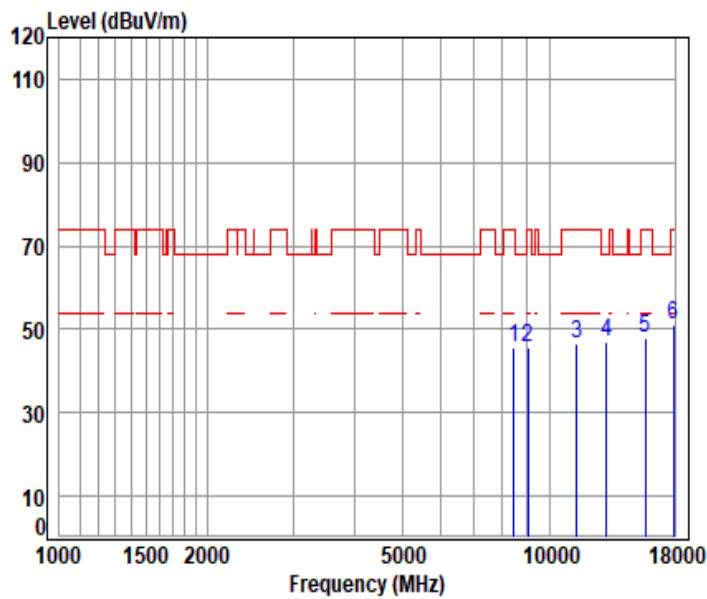
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11ax\_VHT(20M)\_TX\_CH\_117\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6535 TX RSE  
: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8445.000	11.94	38.42	56.33	51.40	45.43	74.00 -28.57 peak
2	9041.442	12.14	38.60	56.12	51.14	45.76	74.00 -28.24 peak
3	11347.070	14.44	39.70	55.38	47.69	46.45	74.00 -27.55 peak
4	pp13070.000	15.67	40.30	54.81	45.81	46.97	68.20 -21.23 peak
5	15671.540	17.24	38.57	54.03	45.94	47.72	74.00 -26.28 peak
6	17872.120	18.66	42.93	54.19	43.59	50.99	74.00 -23.01 peak

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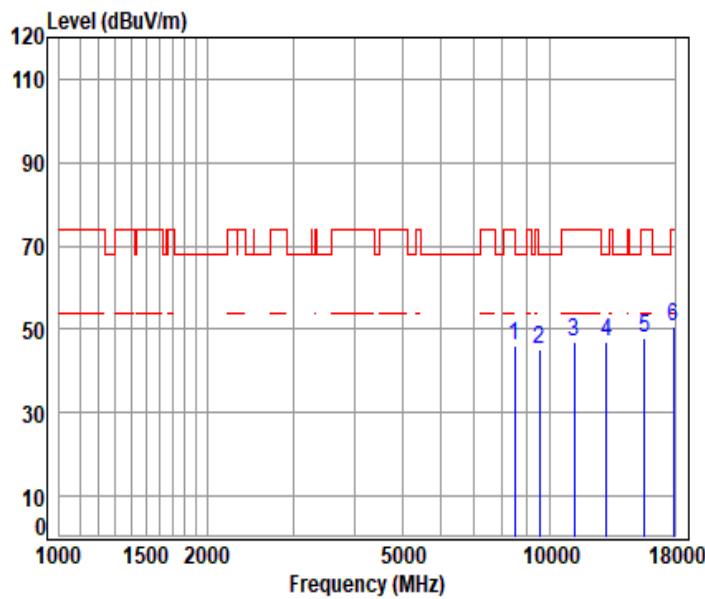
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## 11ax\_VHT(20M)\_TX\_CH\_117\_Verical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6535 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit	Over Line	Over Limit	Remark
				Level				
1	8496.769	12.29	38.31	56.31	51.81	46.10	74.00	-27.90 peak
2	9542.952	12.50	38.81	55.95	49.69	45.05	68.20	-23.15 peak
3	11209.220	14.75	39.61	55.42	48.08	47.02	74.00	-26.98 peak
4	pp13070.000	15.67	40.30	54.81	45.89	47.05	68.20	-21.15 peak
5	15623.720	17.19	38.52	54.04	46.08	47.75	74.00	-26.25 peak
6	17872.120	18.66	42.93	54.19	43.12	50.52	74.00	-23.48 peak

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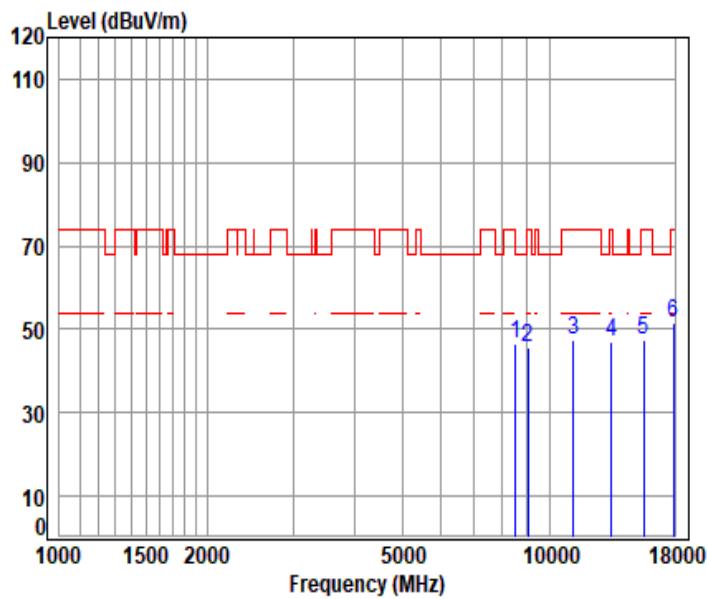
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11ax\_VHT(20M)\_TX\_CH\_149\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6695 TX RSE  
: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dB	dBuV	dBuV/m	dB
1 pp	8522.772	12.23	38.30	56.30	52.48	46.71	68.20	-21.49	peak
2	9013.856	12.15	38.60	56.13	50.81	45.43	74.00	-28.57	peak
3	11197.810	14.76	39.60	55.43	48.55	47.48	74.00	-26.52	peak
4	13390.000	15.97	40.30	54.70	45.28	46.85	74.00	-27.15	peak
5	15576.060	17.10	38.52	54.04	45.73	47.31	74.00	-26.69	peak
6	17872.120	18.66	42.93	54.19	44.02	51.42	74.00	-22.58	peak

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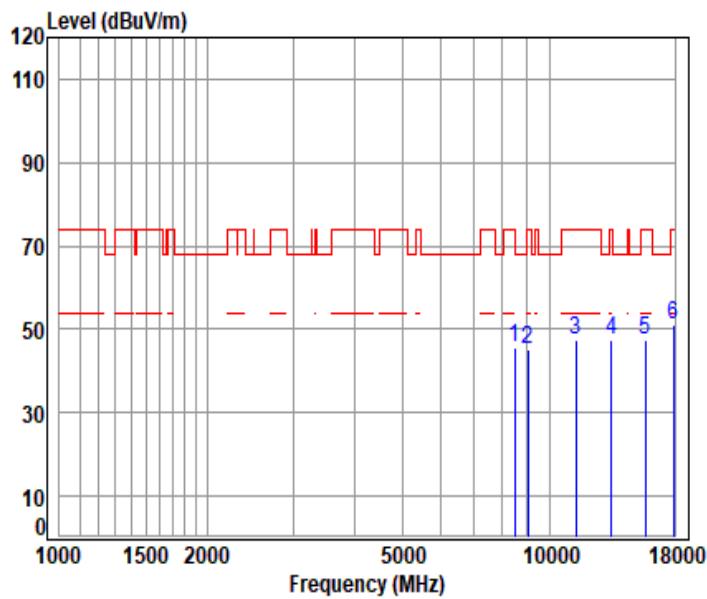
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11ax\_VHT(20M)\_TX\_CH\_149\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6695 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8470.845	12.11	38.36	56.32	51.30	45.45	74.00 -28.55 peak
2	9023.043	12.14	38.60	56.12	50.67	45.29	74.00 -28.71 peak
3	11300.930	14.64	39.70	55.40	48.30	47.24	74.00 -26.76 peak
4	13390.000	15.97	40.30	54.70	45.84	47.41	74.00 -26.59 peak
5	15655.580	17.23	38.56	54.03	45.80	47.56	74.00 -26.44 peak
6	pp17872.120	18.66	42.93	54.19	43.53	50.93	74.00 -23.07 peak

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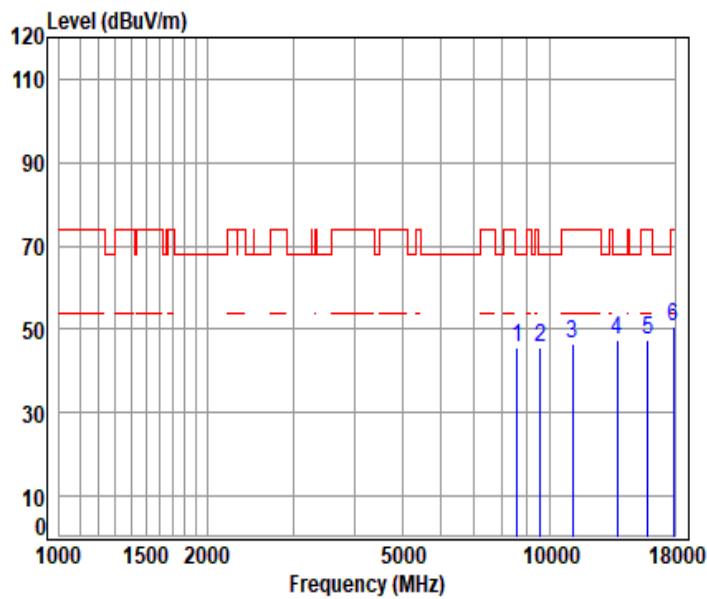
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11ax\_VHT(20M)\_TX\_CH\_181\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6855 TX RSE  
: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8592.505	11.99	38.47	56.28	51.42	45.60	68.20 -22.60 peak
2	9572.157	12.47	38.80	55.94	50.23	45.56	68.20 -22.64 peak
3	11140.930	14.70	39.54	55.44	47.92	46.72	74.00 -27.28 peak
4	pp13710.000	16.36	39.99	54.60	45.83	47.58	68.20 -20.62 peak
5	15848.120	17.15	38.60	54.01	45.77	47.51	74.00 -26.49 peak
6	17872.120	18.66	42.93	54.19	43.23	50.63	74.00 -23.37 peak

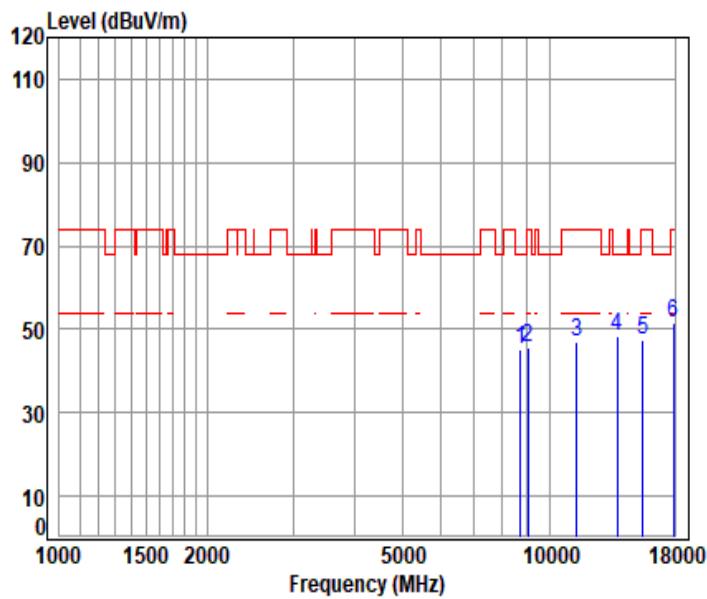
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11ax\_VHT(20M)\_TX\_CH\_181\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6855 TX RSE

: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8733.685	12.14	38.53	56.22	50.90	45.35	68.20 -22.85 peak
2	9013.856	12.15	38.60	56.13	51.13	45.75	74.00 -28.25 peak
3	11347.070	14.44	39.70	55.38	48.21	46.97	74.00 -27.03 peak
4	pp13710.000	16.36	39.99	54.60	46.42	48.17	68.20 -20.03 peak
5	15481.150	16.87	38.60	54.05	46.14	47.56	74.00 -26.44 peak
6	17872.120	18.66	42.93	54.19	44.21	51.61	74.00 -22.39 peak

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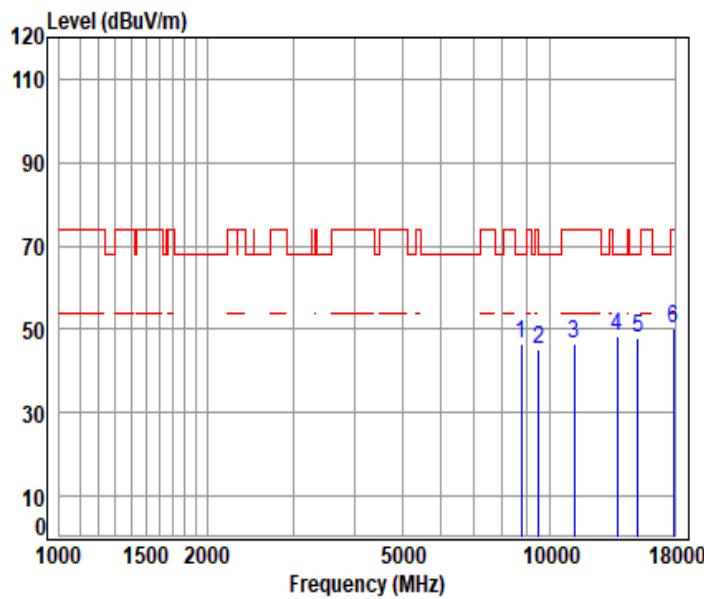
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11a\_TX\_CH\_189\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6875 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	8769.341	12.20	38.50	56.21	51.95	46.44	68.20	-21.76	peak
2	9513.836	12.54	38.87	55.96	49.89	45.34	68.20	-22.86	peak
3	11232.080	14.72	39.63	55.42	47.81	46.74	74.00	-27.26	peak
4	pp13750.000	16.18	39.95	54.58	46.69	48.24	68.20	-19.96	peak
5	15107.300	16.71	38.71	54.09	46.51	47.84	68.20	-20.36	peak
6	17872.120	18.66	42.93	54.19	42.98	50.38	74.00	-23.62	peak

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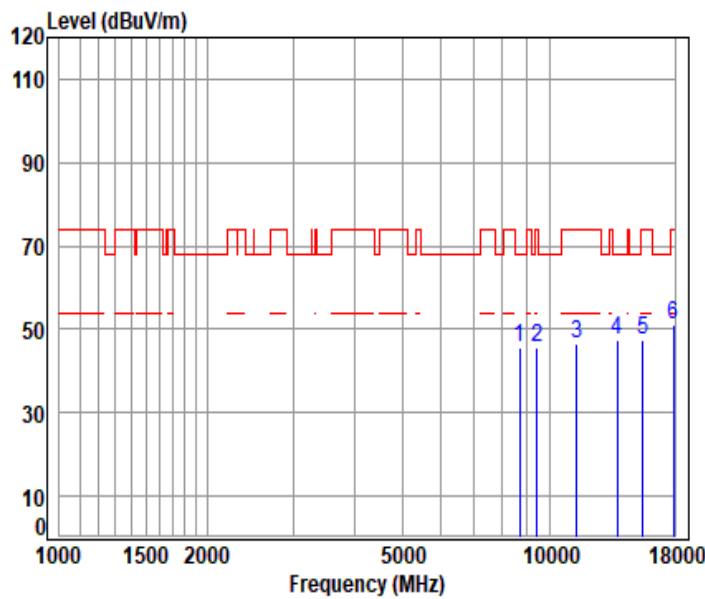
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11a\_TX\_CH\_189\_Vertical



Condition: 3m VERTICAL  
Job No : 02127AT/02128AT  
Mode : 6875 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8680.473	12.06	38.52	56.24	51.51	45.85	68.20 -22.35 peak
2	9427.021	12.37	38.80	55.99	50.58	45.76	74.00 -28.24 peak
3	11370.210	14.34	39.70	55.38	47.82	46.48	74.00 -27.52 peak
4	pp13750.000	16.18	39.95	54.58	45.71	47.26	68.20 -20.94 peak
5	15496.930	16.89	38.60	54.05	46.03	47.47	74.00 -26.53 peak
6	17872.120	18.66	42.93	54.19	43.69	51.09	74.00 -22.91 peak

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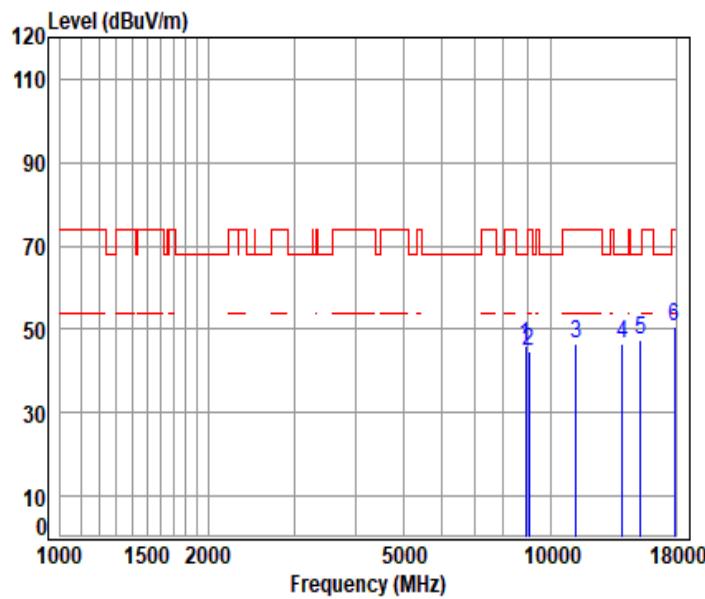
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## 11a\_TX\_CH\_209\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6995 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	8895.287	12.22	38.59	56.17	51.48	46.12	68.20	-22.08	peak
2	9032.237	12.14	38.60	56.12	50.26	44.88	74.00	-29.12	peak
3	11277.940	14.67	39.68	55.40	47.74	46.69	74.00	-27.31	peak
4	13990.000	16.42	39.90	54.50	44.81	46.63	68.20	-21.57	peak
5	pp15261.960	16.84	38.74	54.07	46.14	47.65	68.20	-20.55	peak
6	17872.120	18.66	42.93	54.19	43.22	50.62	74.00	-23.38	peak

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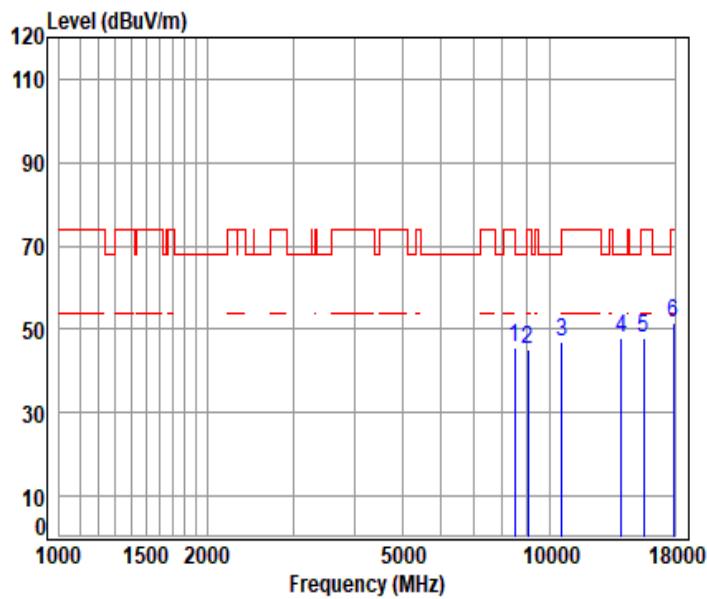
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11a\_TX\_CH\_209\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6995 TX RSE

: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8496.769	12.29	38.31	56.31	51.15	45.44	74.00 -28.56 peak
2	9023.043	12.14	38.60	56.12	50.56	45.18	74.00 -28.82 peak
3	10598.530	13.59	39.30	55.61	49.65	46.93	68.20 -21.27 peak
4	pp13990.000	16.42	39.90	54.50	46.29	48.11	68.20 -20.09 peak
5	15560.200	17.06	38.54	54.04	46.52	48.08	74.00 -25.92 peak
6	17872.120	18.66	42.93	54.19	44.14	51.54	74.00 -22.46 peak

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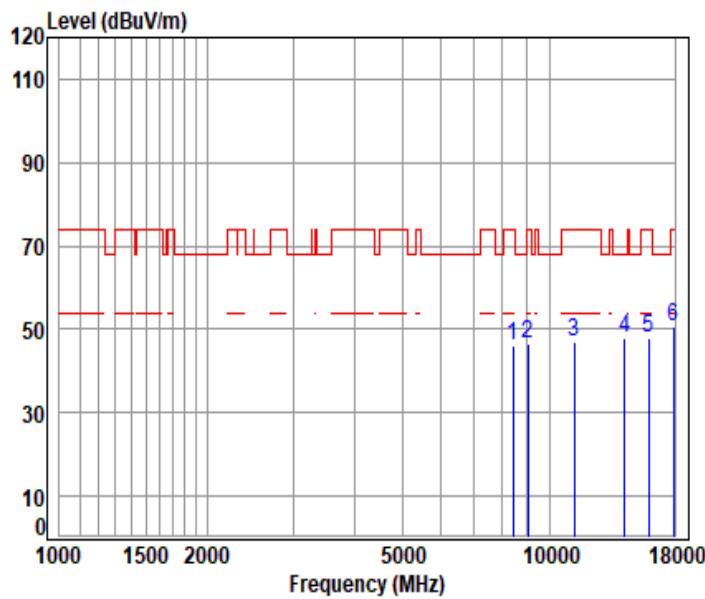
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11a\_TX\_CH\_233\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 7115 TX RSE  
: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	8436.402	11.88	38.45	56.33	51.91	45.91	74.00	-28.09	peak
2	9013.856	12.15	38.60	56.13	51.71	46.33	74.00	-27.67	peak
3	11220.650	14.74	39.62	55.42	47.84	46.78	74.00	-27.22	peak
4	pp14230.000	16.06	39.80	54.41	46.32	47.77	68.20	-20.43	peak
5	15896.620	17.27	38.69	54.01	45.89	47.84	74.00	-26.16	peak
6	17872.120	18.66	42.93	54.19	43.11	50.51	74.00	-23.49	peak

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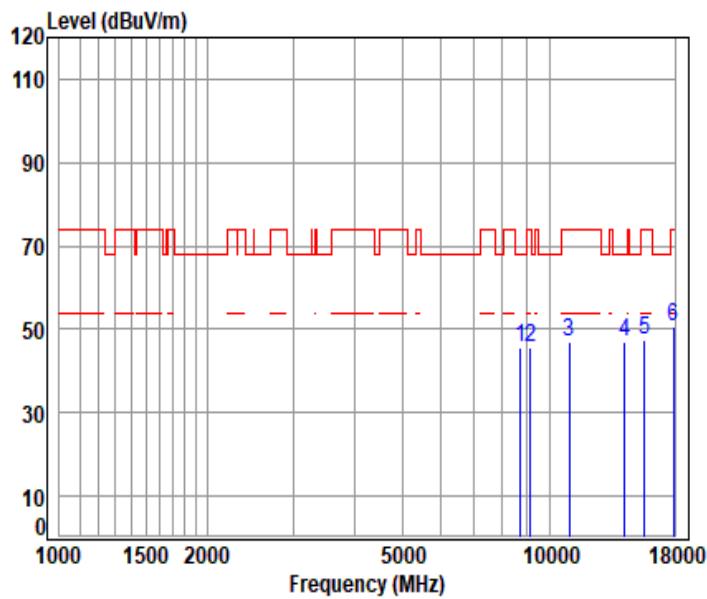
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## 11a\_TX\_CH\_233\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 7115 TX RSE

: Wi-Fi 6E 11a

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
1	8707.038	12.10	38.59	56.23	51.23	45.69	68.20 -22.51 peak
2	9124.708	12.17	38.65	56.09	50.75	45.48	74.00 -28.52 peak
3	10960.830	14.09	39.36	55.50	48.89	46.84	74.00 -27.16 peak
4	pp14230.000	16.06	39.80	54.41	45.36	46.81	68.20 -21.39 peak
5	15591.930	17.15	38.51	54.04	45.81	47.43	74.00 -26.57 peak
6	17872.120	18.66	42.93	54.19	43.41	50.81	74.00 -23.19 peak

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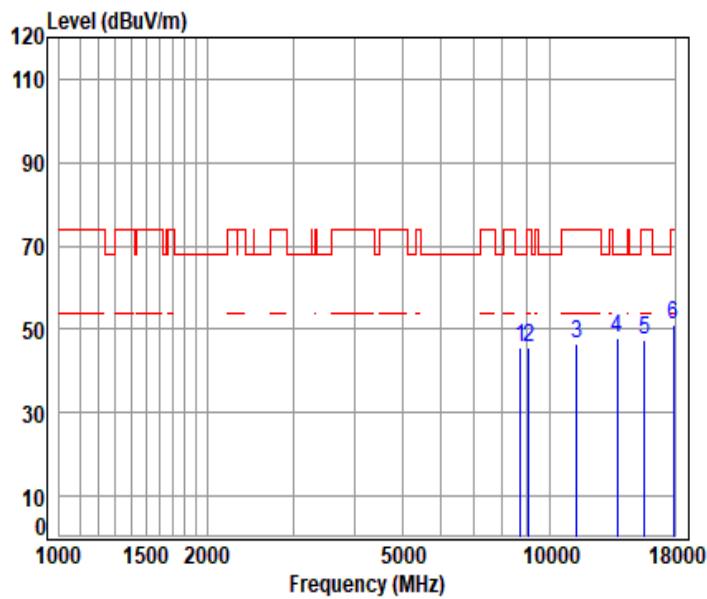
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11ax\_VHT(20M)\_TX\_CH\_189\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6875 TX RSE  
: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8707.038	12.10	38.59	56.23	51.37	45.83	68.20 -22.37 peak
2	9059.880	12.13	38.60	56.11	51.14	45.76	74.00 -28.24 peak
3	11370.210	14.34	39.70	55.38	48.02	46.68	74.00 -27.32 peak
4	pp13750.000	16.18	39.95	54.58	46.42	47.97	68.20 -20.23 peak
5	15607.820	17.18	38.51	54.04	45.86	47.51	74.00 -26.49 peak
6	17872.120	18.66	42.93	54.19	43.50	50.90	74.00 -23.10 peak

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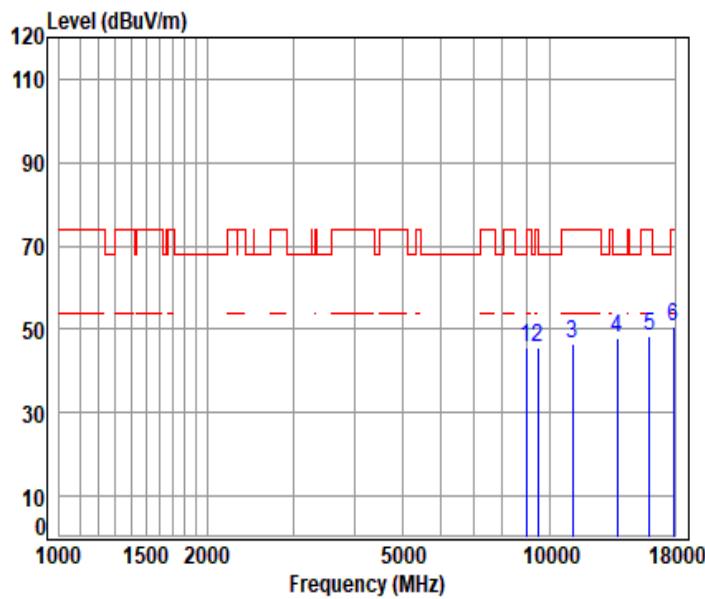
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11ax\_VHT(20M)\_TX\_CH\_189\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6875 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1	8968.067	12.17	38.54	56.14	51.11	45.68	68.20	-22.52	peak
2	9446.244	12.42	38.80	55.98	50.31	45.55	74.00	-28.45	peak
3	11129.580	14.69	39.53	55.45	47.65	46.42	74.00	-27.58	peak
4	pp13750.000	16.18	39.95	54.58	46.21	47.76	68.20	-20.44	peak
5	15961.520	17.20	38.64	54.00	46.43	48.27	74.00	-25.73	peak
6	17872.120	18.66	42.93	54.19	43.26	50.66	74.00	-23.34	peak

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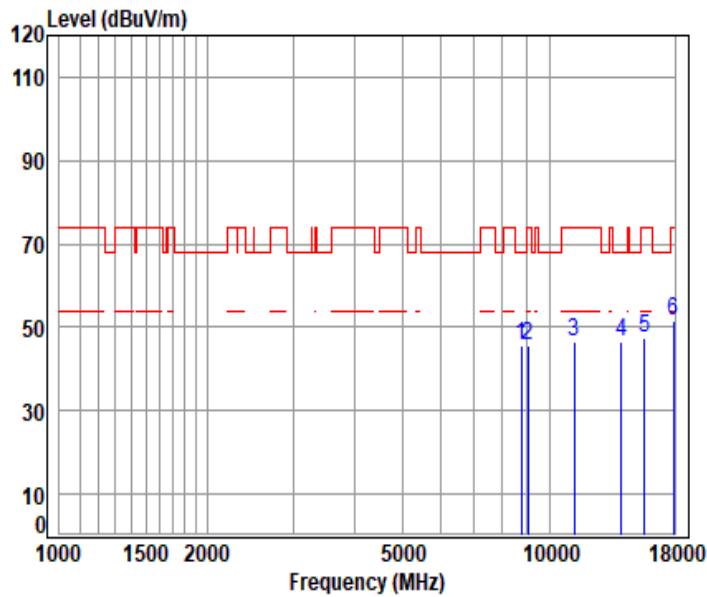
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11ax\_VHT(20M)\_TX\_CH\_209\_Horizontal



Condition: 3m HORIZONTAL  
Job No : 02127AT/02128AT  
Mode : 6995 TX RSE  
: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark
				dB	dB/m			
1	8742.585	12.16	38.51	56.22	51.40	45.85	68.20	-22.35 peak
2	9023.043	12.14	38.60	56.12	51.22	45.84	74.00	-28.16 peak
3	11220.650	14.74	39.62	55.42	47.53	46.47	74.00	-27.53 peak
4	pp13990.000	16.42	39.90	54.50	44.88	46.70	68.20	-21.50 peak
5	15607.820	17.18	38.51	54.04	45.75	47.40	74.00	-26.60 peak
6	17872.120	18.66	42.93	54.19	43.99	51.39	74.00	-22.61 peak

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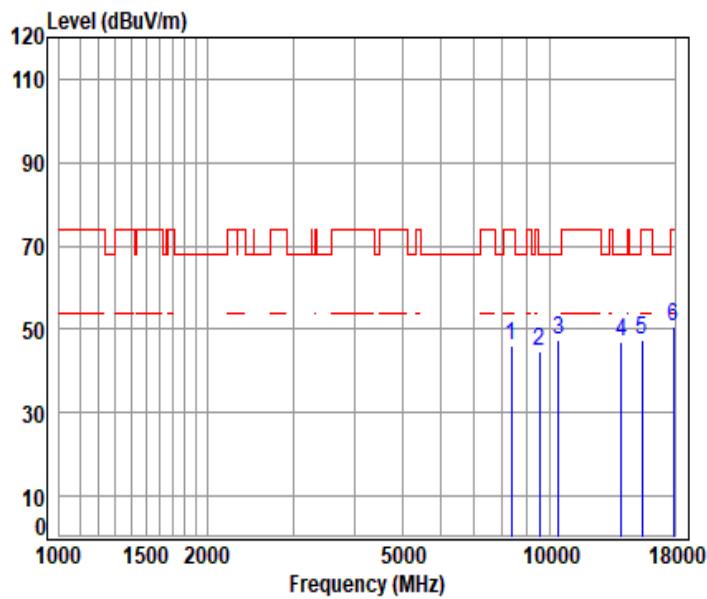
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## 11ax\_VHT(20M)\_TX\_CH\_209\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 6995 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level		Limit Line	Over Limit	Remark	
				dB	dB/m	dB	dBuV	dBuV/m	dBuV/m
MHz	dB	dB/m	dB	dB	dB/m	dB	dBuV	dBuV/m	dB
1	8367.938	11.67	38.66	56.36	52.09	46.06	74.00	-27.94	peak
2	9533.237	12.52	38.83	55.95	49.54	44.94	68.20	-23.26	peak
3	pp10416.590	13.62	39.02	55.67	50.26	47.23	68.20	-20.97	peak
4	13990.000	16.42	39.90	54.50	45.32	47.14	68.20	-21.06	peak
5	15433.920	16.81	38.60	54.06	46.14	47.49	74.00	-26.51	peak
6	17872.120	18.66	42.93	54.19	43.11	50.51	74.00	-23.49	peak

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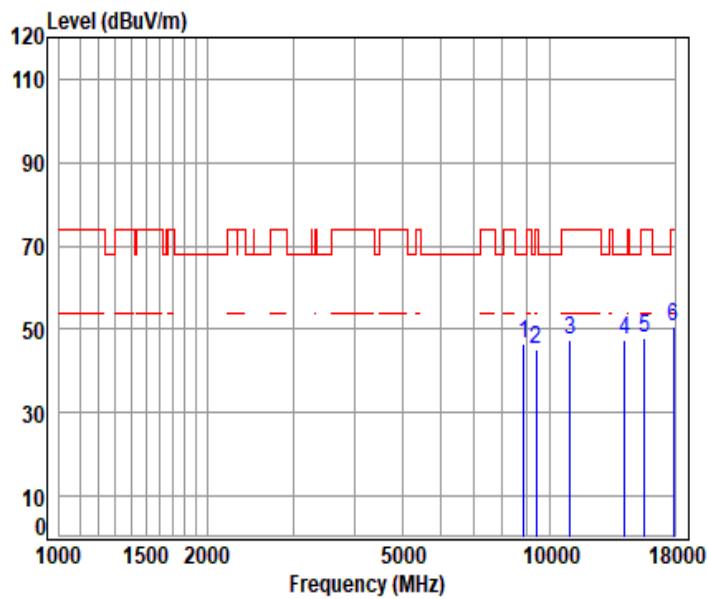
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11ax\_VHT(20M)\_TX\_CH\_233\_Horizontal



Condition: 3m HORIZONTAL

Job No : 02127AT/02128AT

Mode : 7115 TX RSE

: Wi-Fi 6E 11ax20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	8868.147	12.23	38.54	56.18	51.79	46.38	68.20 -21.82 peak
2	9388.690	12.29	38.80	56.00	50.28	45.37	74.00 -28.63 peak
3	11028.030	14.31	39.43	55.48	49.07	47.33	74.00 -26.67 peak
4	14230.000	16.06	39.80	54.41	46.16	47.61	68.20 -20.59 peak
5	15623.720	17.19	38.52	54.04	46.06	47.73	74.00 -26.27 peak
6	17872.120	18.66	42.93	54.19	43.18	50.58	74.00 -23.42 peak

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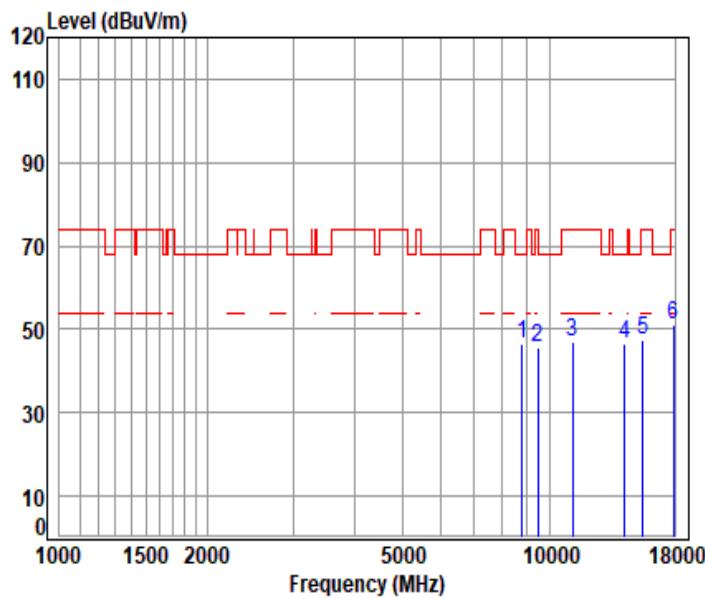
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11ax\_VHT(20M)\_TX\_CH\_233\_Vertical



Condition: 3m VERTICAL

Job No : 02127AT/02128AT

Mode : 7115 TX RSE

: Wi-Fi 6E 11ax20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark		
				Level	Level	dBuV	dBuV/m	dBuV/m	dB
1 pp	8787.224	12.23	38.50	56.21	51.86	46.38	68.20	-21.82	peak
2	9475.153	12.50	38.85	55.97	50.22	45.60	74.00	-28.40	peak
3	11118.250	14.68	39.52	55.45	48.05	46.80	74.00	-27.20	peak
4	14230.000	16.06	39.80	54.41	44.91	46.36	68.20	-21.84	peak
5	15512.720	16.93	38.59	54.05	45.96	47.43	74.00	-26.57	peak
6	17872.120	18.66	42.93	54.19	43.88	51.28	74.00	-22.72	peak

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