

TEST REPORT

Application No.: FYCR2606000093AT
Applicant: Arashi Vision Inc.
Address of Applicant: 11th Floor, Building 2, Jinlitong Financial Center, Bao'an District, 51800 shenzhen, Guangdong, China.
Manufacturer: Arashi Vision Inc.
Address of Manufacturer: 11th Floor, Building 2, Jinlitong Financial Center, Bao'an District, 51800 shenzhen, Guangdong, China.
Factory: Dongguan Luxshare Precision Industry Co., Ltd.
Address of Factory: Buildings 1, 2, 4 No.313 Beihuan Road Qingxi Town Dongguan City, Guangdong Province, China
Equipment Under Test (EUT):
EUT Name: Insta360 Ace Pro 3
Model No.: CINSABUA
Trade Mark: Insta360
FCC ID: 2AWWH-CINSABUA
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2026-02-10
Date of Test: 2026-03-10 to 2026-07-13
Date of Issue: 2026-07-24

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



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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2026-07-24		Original

Authorized for issue by:				
		Byron Liang		
		Byron Liang/Project Engineer		
		Tree Zhan		
		Tree Zhan/Reviewer		



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2 Test Summary

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

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+Cor.1-2023 Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10-2020+Cor.1-2023 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+Cor.1-2023 Section 6.6 & 12.7	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10-2020+Cor.1-2023 Section 6.10.5 & 12.7.2	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Duty Cycle		ANSI C63.10-2020+Cor.1-2023 Section 12.2	ANSI C63.10-2020+Cor.1-2023 Section 12.2	Pass
99% Bandwidth		ANSI C63.10-2020+Cor.1-2023 Section 6.9.3	ANSI C63.10-2020+Cor.1-2023 Section 12.5.3	Pass
26dB Emission Bandwidth		ANSI C63.10-2020+Cor.1-2023 Section 12.5.2	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB Bandwidth (5.725-5.85 GHz band)		ANSI C63.10-2020+Cor.1-2023 Section 12.5.1	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Maximum Conducted Output Power		ANSI C63.10-2020+Cor.1-2023 Section 12.4	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Power Spectral Density		ANSI C63.10-2020+Cor.1-2023 Section 12.6	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Frequency Stability		ANSI C63.10-2020+Cor.1-2023 Section 6.8	47 CFR Part 15, Subpart E 15.407 (g)	Pass



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Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Transmitter Power Control		ANSI C63.10-2020+Cor.1-2023 Section 12.4	47 CFR Part 15, Subpart E 15.407 (h)(1)	Pass



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4 General Information

4.1 Details of E.U.T.

Power supply:	Rechargeable battery DC3.87V,2250mAh, Via Type-C USB port.			
Cable(s):	Type-C USB cable:50cm unshielded			
Operation Frequency:	Band	Mode	Frequency Range (MHz)	Number of channels
	UNII Band I	802.11a/n(HT20)/ac(HT20)/ax(HEW20):	5180-5240	4
		802.11n(HT40)/ac(HT40)/ax(HEW40)	5190-5230	2
		802.11ac(HT80)/ax(HEW80)	5210	1
	UNII Band II-A	802.11a/n(HT20)/ac(HT20)/ax(HEW20) :	5260-5320	4
		802.11n(HT40)/ac(HT40)/ax(HEW40):	5270-5310	2
		802.11ac(HT80)/ax(HEW80):	5290	1
	UNII Band II-C	802.11a/n(HT20)/ac(HT20)/ax(HEW20) :	5500-5700	11
		802.11n(HT40)/ac(HT40)/ax(HEW40):	5510-5670	5
		802.11ac(HT80)/ax(HEW80):	5530,5610	2
	UNII Band III	802.11a/n(HT20)/ac(HT20)/ax(HEW20):	5745-5825	5
		802.11n(HT40)/ac(HT40)/ax(HEW40):	5755-5795	2
		802.11ac(HT80)/ax(HEW80):	5775	1
Modulation Type:	802.11a: OFDM(16QAM, 64QAM, QPSK, BPSK) 802.11n: OFDM(16QAM, 64QAM, QPSK, BPSK) 802.11ac: OFDM(16QAM, 64QAM, 256QAM, QPSK, BPSK) 802.11ax: OFDMA(16QAM, 64QAM, 256QAM, 1024QAM, QPSK, BPSK)			
DFS Function:	Slave without Radar detection			
TPC Function:	Support			
Sample Type:	Portable device			
Antenna Type:	ANT1: FPC Antenna ; ANT2: steel plate Antenna			

5G WIFI Antenna Gain:

Band	Ant1(dBi)	Ant2(dBi)
U-NII Band 1	-0.6	0.8
U-NII Band 2A	-0.2	0.8
U-NII Band 2C	-0.4	1.0
U-NII Band 3	-0.5	0.9

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4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Adapter	Apple	A1401	REF. No.SEA01AA03

4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	± 3.2dB
Radiated Emissions (Below 1GHz)	± 5.7dB
Radiated Emissions (Above 1GHz)	± 4.7dB (1-18GHz); ± 4.7dB (18-40GHz)
Radiated Emissions which fall in the restricted bands	± 4.7dB
Duty Cycle	± 0.28%
99% Bandwidth	± 0.27%
26dB Emission Bandwidth	± 0.27%
Minimum 6 dB Bandwidth (5.725-5.85 GHz band)	± 0.27%
Maximum Conducted Output Power	± 0.43dB
Power Spectral Density	± 0.38dB
Frequency Stability	± 5.4 x 10-8
Transmitter Power Control	± 0.43dB

Remark:

The U_{lab} (lab Uncertainty) is less than $U_{CISPR/ETSI}$ (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.
- the measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.



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4.4 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc. Shenzhen branch.

Fuyong lab. Xinlong TechnoPark, Fengtang Road, Fuyong Subdistrict, Bao'an, Shenzhen, China

Tel: +86 755 8866 3988 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. 6606.01)**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch is accredited by the American Association for Laboratory Accreditation (A2LA). Certificate No. 6606.01.

- **FCC –Designation Number: CN1322**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch has been recognized as an accredited testing laboratory.

Designation Number: CN1322. Test Firm Registration Number: 718073

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

Compliance Certification Services (Kunshan) Inc. Shenzhen branch has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0129.

IC#: 28189.

4.6 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	CRT	N/A	SEM001-14	2025/10/13	2028/10/12
EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-01	2026/2/5	2027/2/4
Two-Line V-Network	Rohde & Schwarz	ENV216	SEM007-24	2026/2/5	2027/2/4
Two-Line V-Network	Rohde & Schwarz	ESH3-Z5	SEM007-22	2026/2/5	2027/2/4
Coaxial Cable	CCS	N/A	SEM033-02	2025/5/13 2026/5/12	2026/5/12 2027/5/11
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A

Radiated Spurious Emissions Below 1GHz					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Anechoic Chamber	CRT	N/A	SEM001-13	2025/10/13	2028/10/12
Trilog-Broadband Antenna	Schwarzbeck	VULB9168	SEM003-26	2025/8/29	2027/08/28
Loop Antenna	ETS-LINDGREN	6502	SEM003-43	2025/6/16	2027/6/15
MXE EMI receiver	Agilent	N9038A	SEM004-05	2025/7/21	2026/7/20
Pre-amplifier	HP	8447D	SEM005-02	2025/7/21	2026/7/20
Coaxial Cable	CCS	N/A	SEM035-01	2025/5/13 2026/5/12	2026/5/12 2027/5/11
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A

Radiated Emissions (Above 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Anechoic Chamber	CRT	N/A	SEM001-13	2025/10/13	2028/10/12
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	SEM003-15	2025/7/29	2027/7/28
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9120D	SEM003-54	2025/5/24	2027/5/23
Pre-amplifier	TST PASS	LNA180400G40	SEM005-39	2025/4/30 2026/4/29	2026/4/29 2027/4/28
Pre-amplifier	TST PASS	LNA10180G60	SEM005-32	2026/4/4	2027/4/3
Coaxial Cable	CCS	N/A	SEM035-02	2025/5/13 2026/5/12	2026/5/12 2027/5/11
Coaxial Cable	CCS	N/A	SEM035-03	2025/5/13 2026/5/12	2026/5/12 2027/5/11



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Pre-amplifier	TST PASS	LNA04080G30	SEM005-27	2026/2/5	2027/2/4
Pre-amplifier	TST PASS	LNA10180G45	SEM005-28	2026/2/5	2027/2/4
Signal Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2026/3/4	2027/3/3
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A

Radiated Emissions which fall in the restricted bands

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Anechoic Chamber	CRT	N/A	SEM001-13	2025/10/13	2028/10/12
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9120D	SEM003-54	2025/5/24	2027/5/23
Pre-amplifier	TST PASS	LNA180400G40	SEM005-39	2025/4/30 2026/4/29	2026/4/29 2027/4/28
Coaxial Cable	CCS	N/A	SEM035-02	2025/5/13 2026/5/12	2026/5/12 2027/5/11
Pre-amplifier	TST PASS	LNA04080G30	SEM005-27	2026/2/5	2027/2/4
Pre-amplifier	TST PASS	LNA10180G45	SEM005-28	2026/2/5	2027/2/4
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A

RF Conducted Test

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2026/2/3	2027/2/2
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-25	2026/2/3	2027/2/2
Power Sensor	Erika Fiedler	U2021XA	SEM009-16	2026/2/4	2027/2/3
Programmable DC Source	Chroma	62024P-80-60	SEM011-09	2026/2/5	2027/2/4
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2026/2/2	2027/2/1
Coaxial Cable	CCS	N/A	SEM037-01	2025/5/13 2026/5/12	2026/5/12 2027/5/11
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A
MXA Signal Analyzer	KEYSIGHT	N9020B	SEM004-24	2026/2/3	2027/2/2



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General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	deli	8838	SEM002-52	2025/7/9 2026/7/8	2026/7/8 2027/7/7
Humidity/ Temperature Indicator	deli	8838	SEM002-53	2025/7/9 2026/7/8	2026/7/8 2027/7/7
Barometer	DUMAI	DYM3	SEM002-24	2025/7/9 2026/7/8	2026/7/8 2027/7/7



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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 is integrated on the main enclosure and no consideration of replacement.

For power measurement: Directional gain=1dBi

For PSD: Directional gain= Max.gain+10LOG(2/1)=1+10LOG(2/1)=4.01dBi.

Antenna location: Refer to internal photo.



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6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart 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: SDR 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 & Subpart E 15.407 b(9)

Test Method: ANSI C63.10-2020+Cor.1-2023 Section 6.2

Test Engineer: Fly Yan

Limit:

Frequency of emission(MHz)	Conducted limit(dB μ 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: 48.2 % RH

Atmospheric Pressure: 1000 mbar

Pre-scan / Final test	Mode Code	Description
Final test	13	Charge+Normal operating_Keep the EUT communication with the companion device.

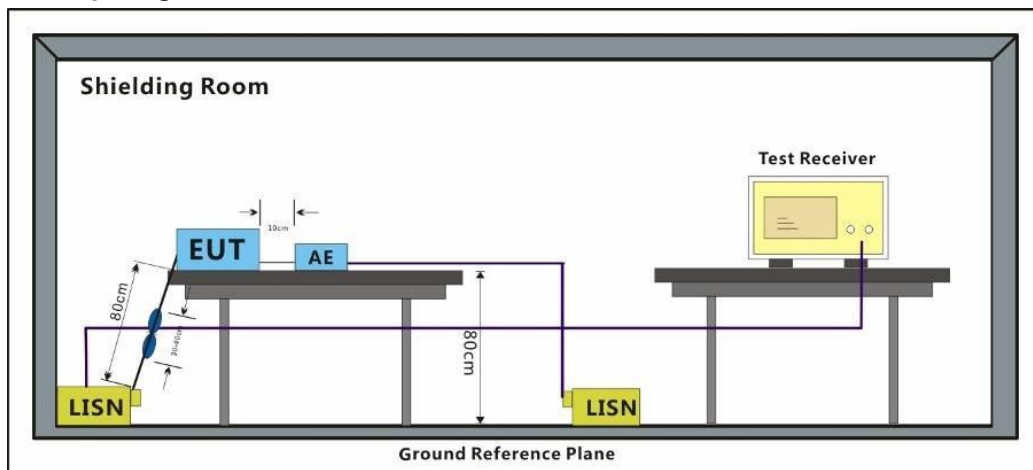


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7.1.2 Test Setup Diagram



7.1.3 Measurement Procedure and Data

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

Remark 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.

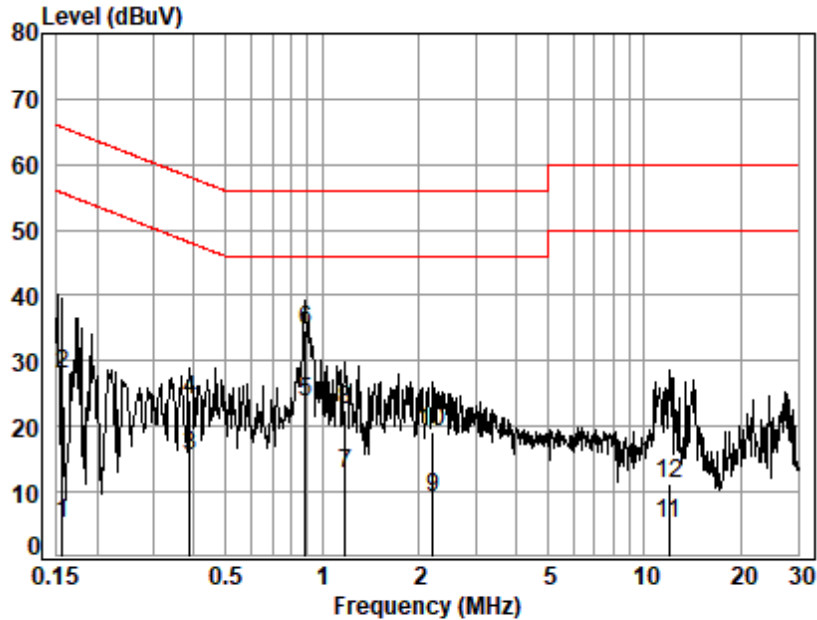
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Test Mode: 13; Line: Live line



Site : Shielding Room
Condition: Line
Job No. : 00092AT/00093AT
Test mode: 13

	Freq	Cable Loss	LISN Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1557	0.02	9.81	-4.56	5.27	55.69	-50.42	Average
2	0.1557	0.02	9.81	18.27	28.10	65.69	-37.59	QP
3	0.3872	0.05	9.74	5.74	15.53	48.12	-32.59	Average
4	0.3872	0.05	9.74	14.12	23.91	58.12	-34.21	QP
5	0.8850	0.06	9.90	13.91	23.87	46.00	-22.13	Average
6	0.8850	0.06	9.90	24.86	34.82	56.00	-21.18	QP
7	1.1781	0.04	9.88	2.96	12.88	46.00	-33.12	Average
8	1.1781	0.04	9.88	12.48	22.40	56.00	-33.60	QP
9	2.2015	0.04	9.84	-0.89	8.99	46.00	-37.01	Average
10	2.2015	0.04	9.84	9.42	19.30	56.00	-36.70	QP
11	11.9328	0.05	9.79	-4.64	5.20	50.00	-44.80	Average
12	11.9328	0.05	9.79	1.51	11.35	60.00	-48.65	QP



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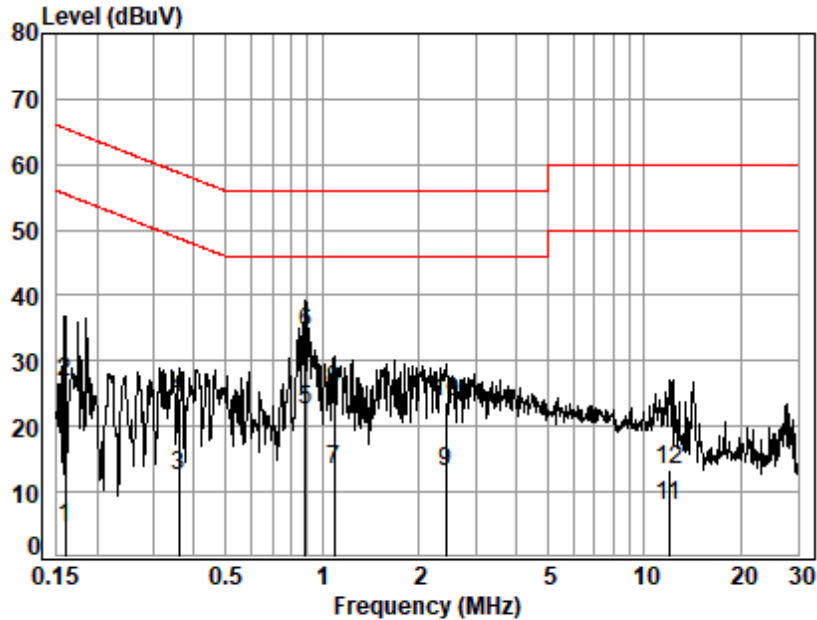
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Test Mode: 13; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 00092AT/00093AT
Test mode: 13

	Freq	Cable Loss	LISN Factor	Read Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dB	
1	0.1590	0.02	9.72	-5.25	4.49	55.52	Average
2	0.1590	0.02	9.72	16.95	26.69	65.52	QP
3	0.3596	0.05	9.65	2.81	12.51	48.74	Average
4	0.3596	0.05	9.65	14.60	24.30	58.74	QP
5	0.8850	0.06	9.72	12.67	22.45	46.00	Average
6	0.8850	0.06	9.72	24.66	34.44	56.00	QP
7	1.0881	0.04	9.74	3.65	13.43	46.00	Average
8	1.0881	0.04	9.74	15.86	25.64	56.00	QP
9	2.4218	0.04	9.73	3.43	13.20	46.00	Average
10	2.4218	0.04	9.73	14.08	23.85	56.00	QP
11	11.9328	0.05	9.94	-2.18	7.81	50.00	Average
12	11.9328	0.05	9.94	3.51	13.50	60.00	QP



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7.2 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+Cor.1-2023 Section 6.4,6.5
 Test Engineer: Rex Liu

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

Note

1. The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.
2. At frequencies below 1GHz, measurements may be performed at a distance different to specified in the regulations.

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Below 30MHz, Aux Factor = 40 dB/decade of distance, the aux factor is $40\log(3/300) = -80\text{dB}$ (for 3m test distance).

EX. Above 30MHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(10/3) = 10.46\text{dB}$ (for 10m test distance).

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C Humidity: 48.2 % RH Atmospheric Pressure: 1000 mbar



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7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	09	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	10	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	11	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	12	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	14	Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	15	Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	16	Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	17	Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.



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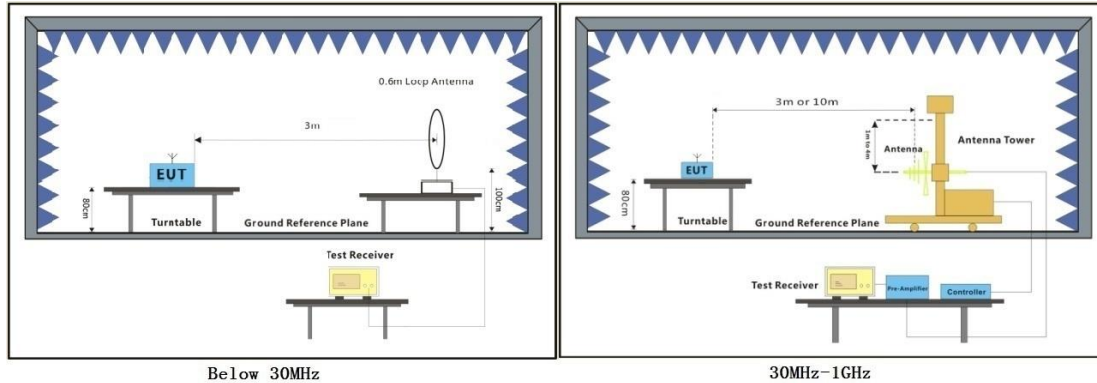
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7.2.3 Test Setup Diagram



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7.2.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8m above the ground at a semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3m or 10m away from the interference-receiving antenna, which was mounted on the variable-height antenna tower.
- c. The antenna height is varied from 1m to 4m 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 1m to 4m (for the test frequency of below 30MHz, the antenna was tuned to heights 1m) 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. At frequencies below 1GHz, measurements may be performed at a distance different to specified in the regulations.

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Below 30MHz, Aux Factor = 40 dB/decade of distance, the aux factor is $40\log(3/300) = -80\text{dB}$ (for 3m test distance).

EX. Above 30MHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(10/3) = 10.46\text{dB}$ (for 10m test distance).

2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the worst-case test curve is displayed.



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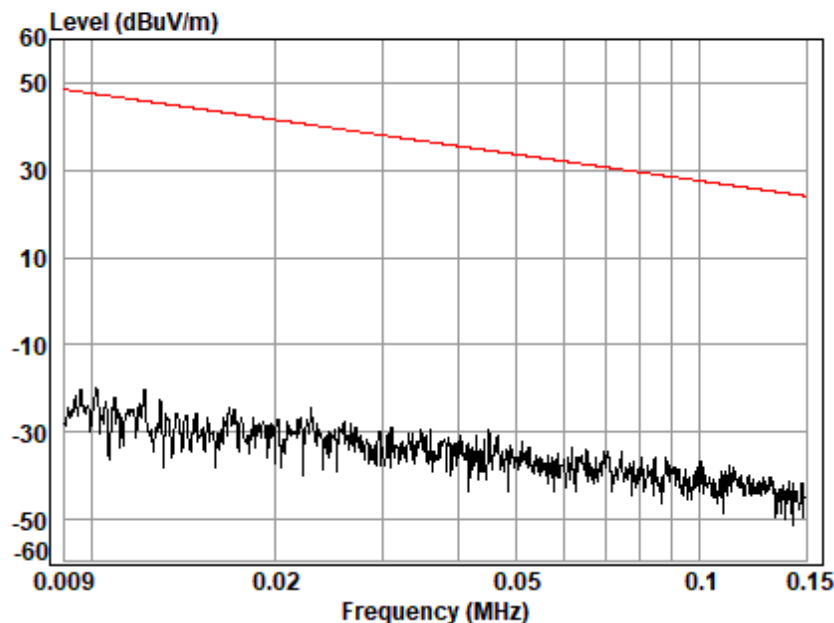
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Test Mode: 14



Site : chamber
Condition: 3m
Job No. : 00093AT
Test Mode: 14
 : coaxial



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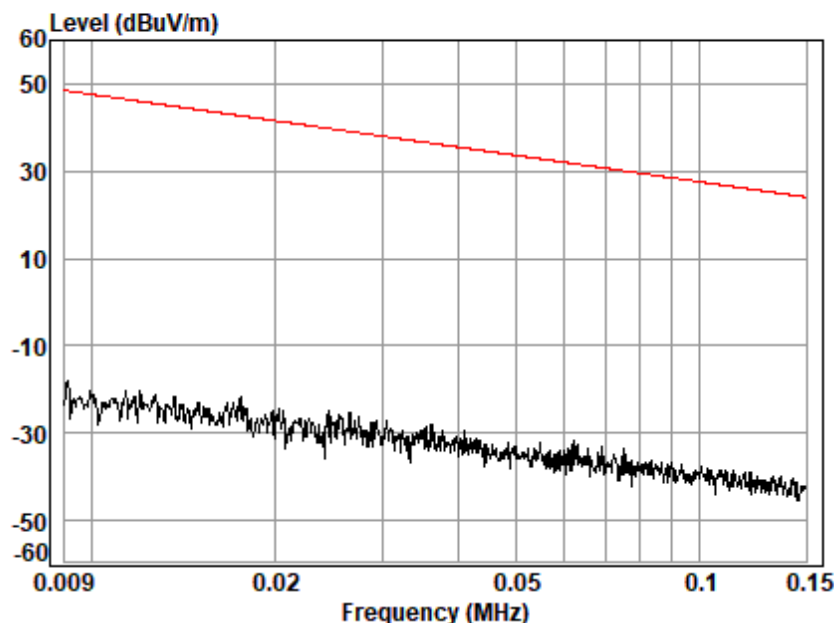
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Site : chamber
Condition: 3m
Job No. : 00093AT
Test Mode: 14
: coplanar



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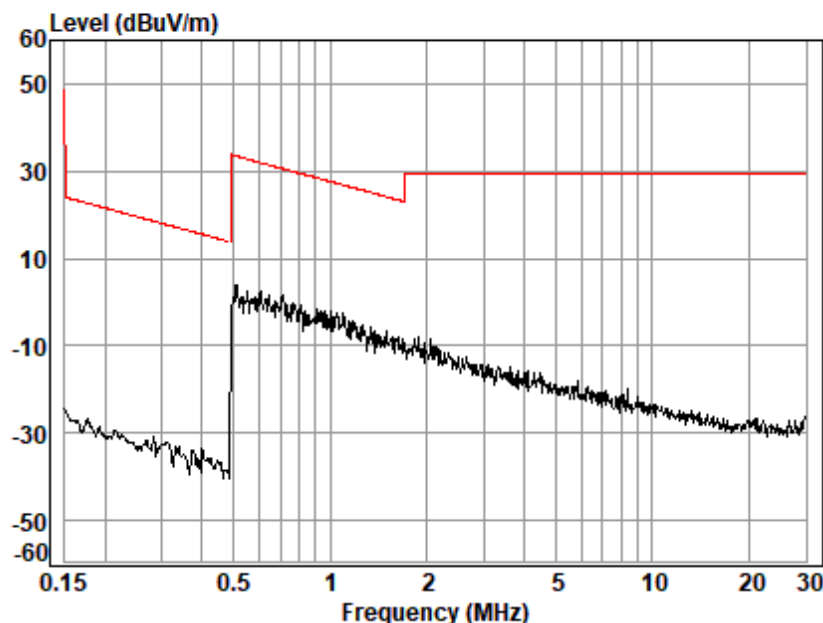
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Site : chamber
Condition: 3m
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Test Mode: 14
 : coaxial



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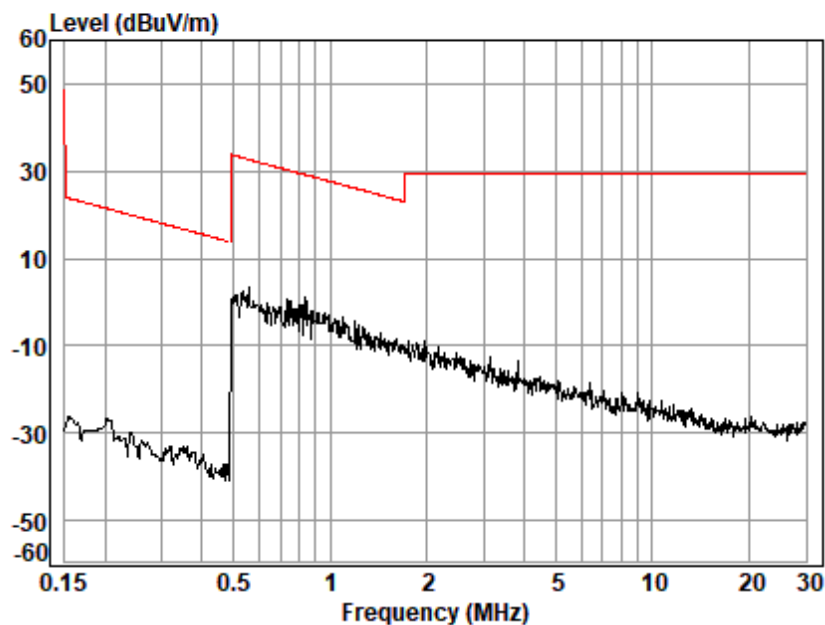
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Test Mode: 14



Site : chamber
Condition: 3m
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: coplanar



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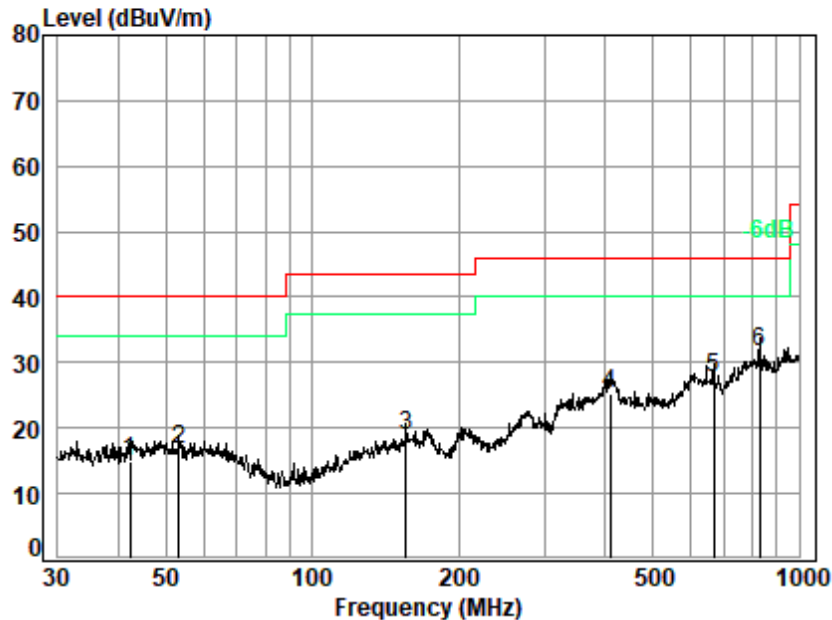
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Test Mode: 14



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00092AT/00093AT

Mode : 14

		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	42.30	0.40	17.45	26.11	23.20	14.94	40.00	-25.06 QP
2	53.32	0.47	17.74	26.10	24.75	16.86	40.00	-23.14 QP
3	155.91	1.25	17.44	25.62	25.65	18.72	43.50	-24.78 QP
4	408.95	1.45	19.84	26.05	30.11	25.35	46.00	-20.65 QP
5	668.14	2.14	24.83	26.54	27.29	27.72	46.00	-18.28 QP
6	830.40	3.17	26.71	26.47	28.21	31.62	46.00	-14.38 QP



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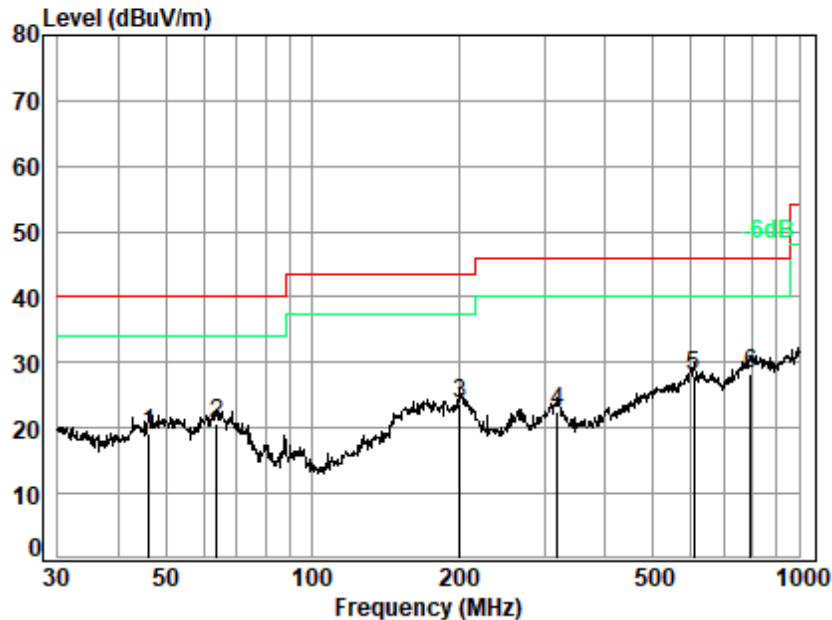
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Test Mode: 14



Site : chamber

Condition: 3m VERTICAL

Job No : 00092AT/00093AT

Mode : 14

		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	46.18	0.64	17.69	26.10	26.86	19.09	40.00	-20.91 QP
2	63.76	0.85	16.82	26.10	29.11	20.68	40.00	-19.32 QP
3	200.69	1.27	13.90	25.46	34.04	23.75	43.50	-19.75 QP
4	318.82	0.83	18.07	25.37	29.06	22.59	46.00	-23.41 QP
5	607.79	3.40	24.21	26.56	26.98	28.03	46.00	-17.97 QP
6	796.18	3.38	26.87	26.50	24.42	28.17	46.00	-17.83 QP



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7.3 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+Cor.1-2023 Section 6.6 & 12.7
 Measurement Distance: 3m
 Test Engineer: Mihawk Li

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



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*(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:

1. 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 1000MHz. 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.

2. Above 18GHz, measurements may be performed at a distance shorter than that specified in the regulations

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Above 18GHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(1/3) = -9.54\text{dB}$ (for 1m test distance).

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23.0 °C

Humidity: 55.4 % RH

Atmospheric Pressure: 1000 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0



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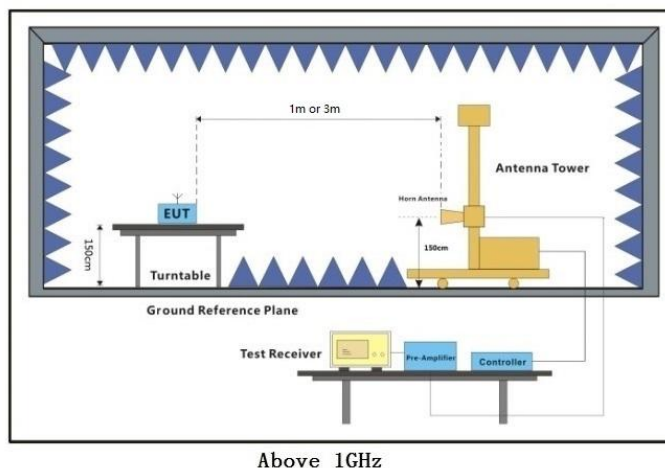
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		is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	14	Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	15	Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	16	Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	17	Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



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7.3.4 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 1GHz to 40GHz, The points marked on below 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 below harmonics were the highest point could be found when testing, so only the below 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 $\leq 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.



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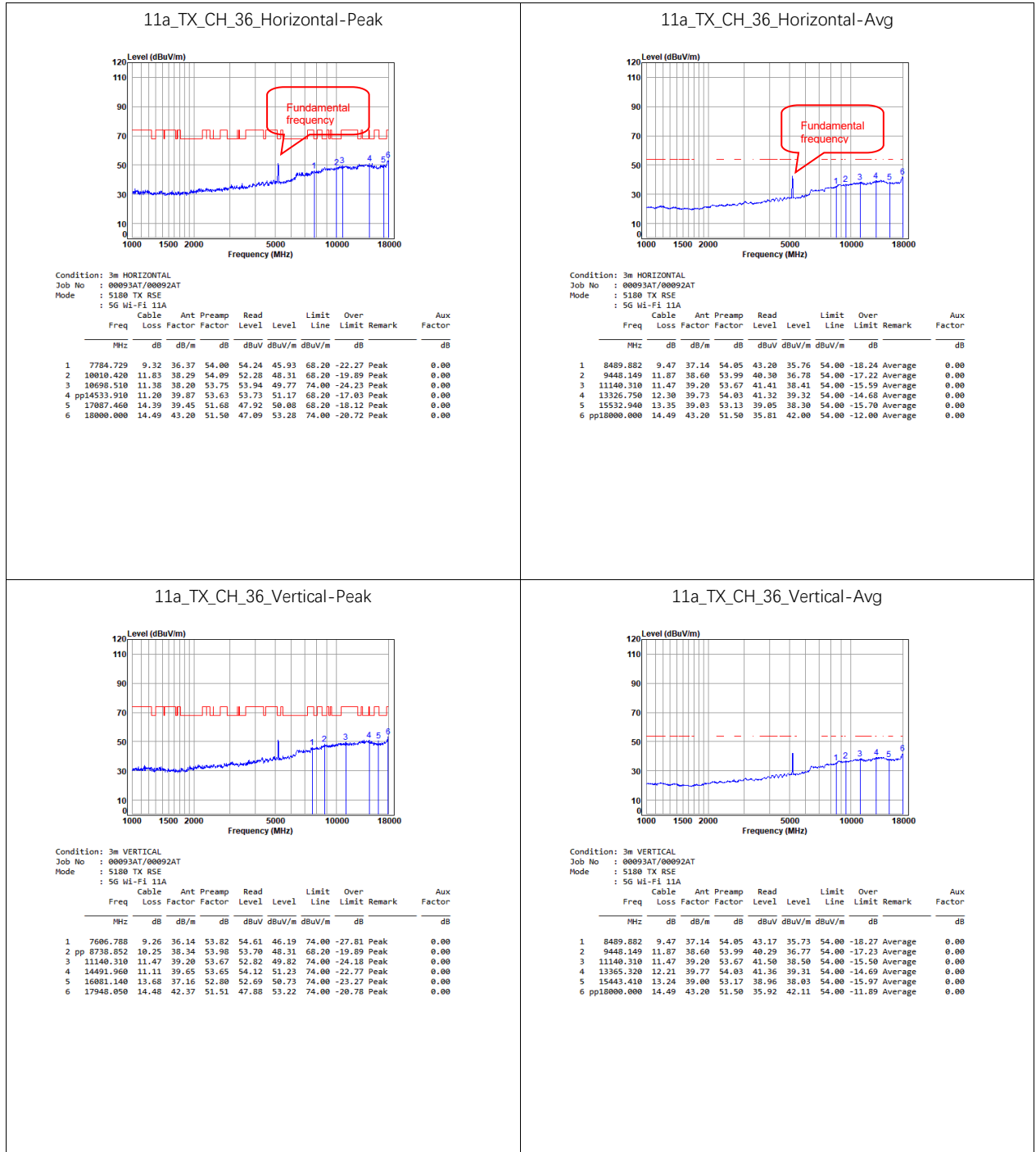
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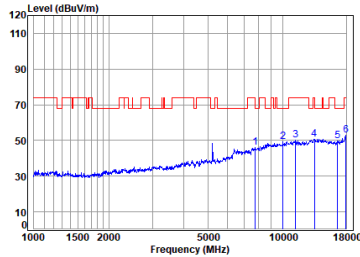
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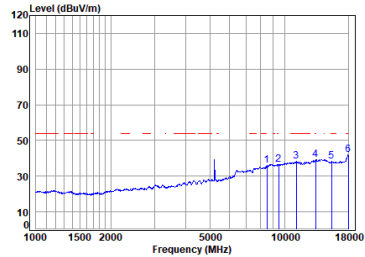
11a_TX_CH_44_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5220 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	7762.260	9.32	36.32	53.97	54.52	46.19	68.20	-22.01	Peak	0.00
2	10010.420	11.83	38.29	54.09	53.39	49.42	68.20	-18.78	Peak	0.00
3	11209.800	11.76	39.00	53.74	53.18	50.26	68.20	-23.74	Peak	0.00
4	pp13404.610	12.11	39.82	54.02	52.79	50.70	68.20	-17.50	Peak	0.00
5	16600.640	15.14	38.80	52.17	47.98	49.75	68.20	-18.45	Peak	0.00
6	17948.050	14.48	42.37	51.51	47.38	52.72	74.00	-21.28	Peak	0.00

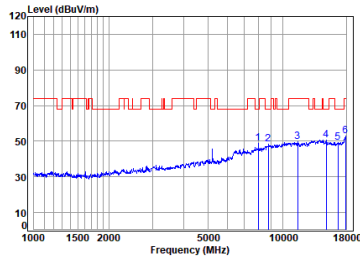
11a_TX_CH_44_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5220 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	8489.882	9.47	37.14	54.05	43.56	36.12	54.00	-17.88	Average	0.00
2	9448.149	11.87	38.60	53.99	40.12	36.60	54.00	-17.40	Average	0.00
3	11140.310	11.47	39.20	53.67	41.34	38.34	54.00	-15.66	Average	0.00
4	13326.750	12.30	39.73	54.03	41.20	39.28	54.00	-14.72	Average	0.00
5	15443.410	13.24	39.00	53.17	39.11	38.18	54.00	-15.82	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.87	42.06	54.00	-11.94	Average	0.00

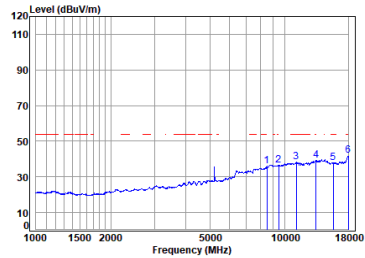
11a_TX_CH_44_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5220 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	7989.893	9.40	36.92	54.19	56.79	48.92	68.20	-19.28	Peak	0.00
2	8764.146	10.33	38.24	53.97	53.76	48.36	68.20	-19.84	Peak	0.00
3	11467.000	12.19	39.23	53.84	52.23	49.81	74.00	-24.19	Peak	0.00
4	pp14960.120	12.23	39.84	53.42	52.10	50.75	68.20	-17.45	Peak	0.00
5	16696.880	14.95	39.28	52.06	47.16	49.33	68.20	-18.87	Peak	0.00
6	17896.250	14.48	41.55	51.52	48.30	52.81	74.00	-21.19	Peak	0.00

11a_TX_CH_44_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5220 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	8489.882	9.47	37.14	54.05	43.27	35.83	54.00	-18.17	Average	0.00
2	9448.149	11.87	38.60	53.99	40.24	36.72	54.00	-17.28	Average	0.00
3	11140.310	11.47	39.20	53.67	41.29	38.29	54.00	-15.71	Average	0.00
4	13365.320	12.21	39.77	54.03	41.15	39.10	54.00	-14.90	Average	0.00
5	15668.210	13.35	38.83	53.06	38.94	38.06	54.00	-15.94	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.95	42.14	54.00	-11.86	Average	0.00



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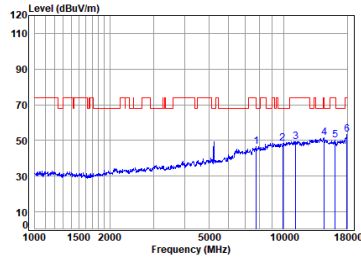
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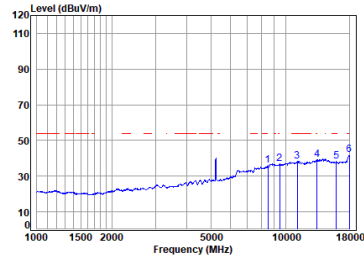
11a_TX_CH_48_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	7762.260	9.32	36.32	53.97	54.88	46.55	68.20	-21.65	Peak	0.00
2	9923.991	11.86	38.85	54.09	51.80	48.42	68.20	-19.78	Peak	0.00
3	11172.508	11.54	39.20	53.69	52.41	49.46	74.00	-24.54	Peak	0.00
4	pp14533.510	11.30	39.87	53.63	54.15	51.59	68.20	-16.61	Peak	0.00
5	16127.690	13.86	37.29	52.74	51.66	50.07	74.00	-23.93	Peak	0.00
6	17948.050	14.48	42.37	51.51	47.89	53.23	74.00	-26.77	Peak	0.00

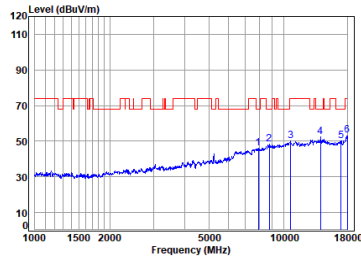
11a_TX_CH_48_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	8489.882	9.47	37.14	54.05	43.26	35.82	54.00	-18.18	Average	0.00
2	9448.149	11.87	38.60	53.99	40.38	36.86	54.00	-17.14	Average	0.00
3	11140.310	11.47	39.20	53.67	41.47	38.47	54.00	-15.53	Average	0.00
4	13365.320	12.21	39.77	54.03	41.17	39.12	54.00	-14.88	Average	0.00
5	15988.450	13.35	37.46	52.91	40.34	38.24	54.00	-15.76	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.88	42.07	54.00	-11.93	Average	0.00

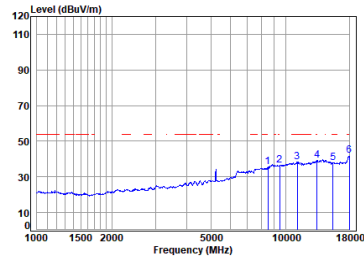
11a_TX_CH_48_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	7920.911	9.37	36.77	54.13	54.12	46.13	68.20	-22.07	Peak	0.00
2	8764.146	10.33	38.24	53.97	53.96	48.56	68.20	-19.64	Peak	0.00
3	10667.640	11.40	38.30	53.76	54.04	49.98	74.00	-24.02	Peak	0.00
4	pp14079.000	10.68	40.37	53.86	55.10	52.29	68.20	-15.91	Peak	0.00
5	17038.150	14.38	39.25	51.69	48.11	50.05	68.20	-18.15	Peak	0.00
6	18000.000	14.49	43.20	51.50	47.15	53.34	74.00	-20.66	Peak	0.00

11a_TX_CH_48_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	8489.882	9.47	37.14	54.05	43.21	35.77	54.00	-18.23	Average	0.00
2	9448.149	11.87	38.60	53.99	40.19	36.67	54.00	-17.33	Average	0.00
3	11140.310	11.47	39.20	53.67	41.27	38.27	54.00	-15.73	Average	0.00
4	13365.320	12.21	39.77	54.03	41.37	39.32	54.00	-14.68	Average	0.00
5	15488.110	13.33	39.00	53.15	38.87	38.05	54.00	-15.95	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.81	42.00	54.00	-12.00	Average	0.00



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Shenzhen Branch

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中国·深圳·宝安区福永街道凤塘大道鑫龙科技园福永实验室 邮编: 518103 t (86-755) 88663988 f (86-755) 26710594 sgs.china@sgs.com

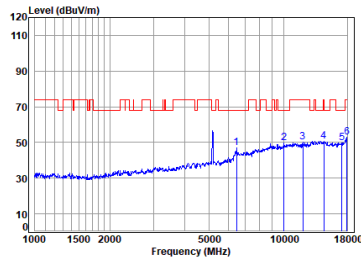
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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11ax_20M_TX_CH_36_Horizontal-Peak

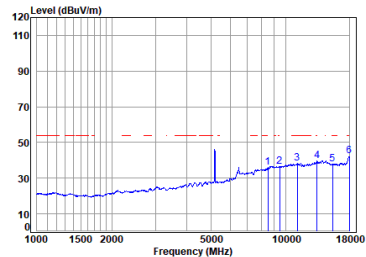


Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5180 TX RSE

: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	6470.026	8.69	35.00	53.25	56.45	46.89	68.20 -21.31 Peak
2	10010.420	11.83	38.29	54.09	53.48	49.51	68.20 -18.69 Peak
3	11940.540	11.67	38.52	54.07	53.90	50.02	74.00 -23.98 Peak
4	14491.960	11.11	39.65	53.65	53.71	50.82	74.00 -23.18 Peak
5	pp17136.920	14.39	39.24	51.67	47.80	49.76	68.20 -18.44 Peak
6	17948.050	14.48	42.37	51.51	47.79	53.13	74.00 -20.87 Peak

11ax_20M_TX_CH_36_Horizontal-Avg

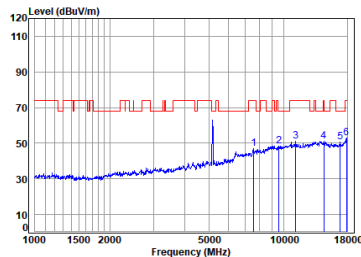


Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5180 TX RSE

: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8489.882	9.47	37.14	54.05	43.54	36.10	54.00 -17.90 Average
2	9448.149	11.87	38.60	53.99	40.23	36.71	54.00 -17.29 Average
3	11140.310	11.47	39.20	53.67	41.31	38.31	54.00 -15.69 Average
4	13365.320	12.21	39.77	54.03	41.62	39.57	54.00 -14.43 Average
5	15443.410	13.24	39.00	53.17	39.01	38.08	54.00 -15.92 Average
6	pp18000.000	14.49	43.20	51.50	36.04	42.23	54.00 -11.77 Average

11ax_20M_TX_CH_36_Vertical-Peak

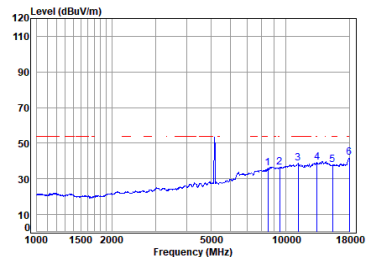


Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5180 TX RSE

: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7584.833	9.25	36.04	53.00	55.39	46.88	74.00 -27.12 Peak
2	9558.018	11.95	39.00	54.01	51.39	48.33	68.20 -19.87 Peak
3	11172.560	11.54	39.20	53.69	54.00	51.05	74.00 -22.95 Peak
4	14491.960	11.11	39.65	53.65	54.12	51.23	74.00 -22.77 Peak
5	pp16891.040	14.58	38.62	51.83	49.09	50.46	68.20 -17.74 Peak
6	17896.250	14.48	41.55	51.52	48.36	52.87	74.00 -21.13 Peak

11ax_20M_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5180 TX RSE

: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8489.882	9.47	37.14	54.05	43.38	35.94	54.00 -18.06 Average
2	9448.149	11.87	38.60	53.99	40.16	36.64	54.00 -17.36 Average
3	11204.900	11.61	39.19	53.71	41.58	38.67	54.00 -15.33 Average
4	13365.320	12.21	39.77	54.03	41.38	39.33	54.00 -14.67 Average
5	15443.410	13.24	39.00	53.17	38.95	38.02	54.00 -15.98 Average
6	pp18000.000	14.49	43.20	51.50	35.95	42.14	54.00 -11.86 Average

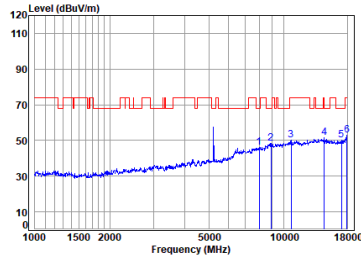
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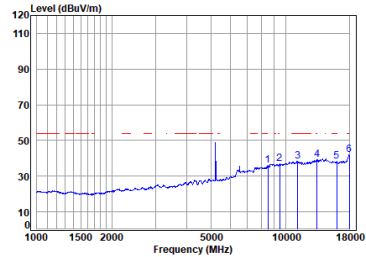
11ax_20M_TX_CH_44_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5220 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dB	dB
1 7966.832	9.39	36.97	54.17	54.08	46.27	68.20	-21.93 Peak 0.00
2 8891.725	10.73	38.32	53.93	53.06	48.18	68.20	-20.02 Peak 0.00
3 10098.518	11.38	38.20	53.75	54.20	50.03	74.00	-23.97 Peak 0.00
4 pp14533.918	11.38	39.87	53.63	54.13	51.57	68.20	-16.63 Peak 0.00
5 17087.468	14.39	39.45	51.68	47.96	50.12	68.20	-18.08 Peak 0.00
6 17948.058	14.48	42.37	51.51	47.55	52.89	74.00	-21.11 Peak 0.00

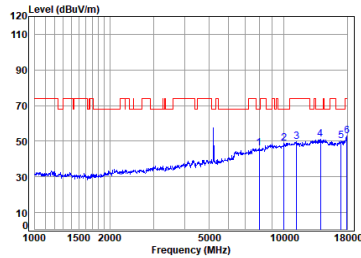
11ax_20M_TX_CH_44_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5220 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.56	36.12	54.00	-17.88 Average 0.00
2 9448.149	11.87	38.60	53.99	40.47	36.95	54.00	-17.05 Average 0.00
3 11172.500	11.54	39.20	53.69	41.37	38.42	54.00	-15.58 Average 0.00
4 13365.320	12.21	39.77	54.03	41.22	39.17	54.00	-14.83 Average 0.00
5 16034.730	13.49	37.30	52.86	40.48	38.41	54.00	-15.59 Average 0.00
6 pp18000.000	14.49	43.20	51.50	35.94	42.13	54.00	-11.87 Average 0.00

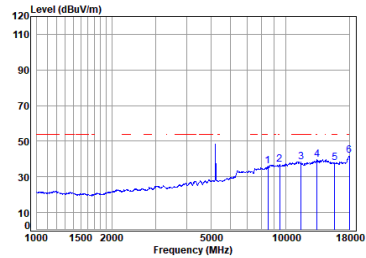
11ax_20M_TX_CH_44_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5220 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dB	dB
1 7966.832	9.39	36.97	54.17	54.02	46.21	68.20	-21.99 Peak 0.00
2 10010.420	11.83	38.29	54.09	52.64	48.67	68.20	-19.53 Peak 0.00
3 11269.868	11.76	39.06	53.74	52.75	49.83	74.00	-24.17 Peak 0.00
4 pp14038.458	10.64	40.69	53.88	53.55	51.00	68.20	-17.20 Peak 0.00
5 17038.158	14.38	39.25	51.69	48.06	50.00	68.20	-18.20 Peak 0.00
6 17948.058	14.48	42.37	51.51	47.60	52.94	74.00	-21.06 Peak 0.00

11ax_20M_TX_CH_44_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5220 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.32	35.88	54.00	-18.12 Average 0.00
2 9448.149	11.87	38.60	53.99	40.34	36.82	54.00	-17.18 Average 0.00
3 11533.400	12.21	38.90	53.87	41.05	38.29	54.00	-15.71 Average 0.00
4 13365.320	12.21	39.77	54.03	41.70	39.65	54.00	-14.35 Average 0.00
5 15713.560	13.35	38.69	53.04	39.08	38.08	54.00	-15.92 Average 0.00
6 pp18000.000	14.49	43.20	51.50	35.74	41.93	54.00	-12.07 Average 0.00



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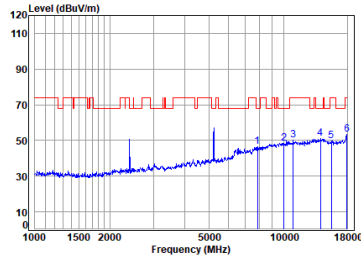
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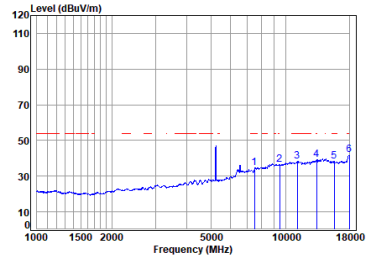
11ax_20M_TX_CH_48_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Factor
1	7852.524	9.35	36.41	54.06	54.96	46.66	68.20	-21.54 Peak	0.00
2	10010.420	11.83	38.29	54.09	52.27	48.30	68.20	-19.90 Peak	0.00
3	10917.108	11.21	38.22	53.64	54.42	50.21	74.00	-23.79 Peak	0.00
4	pp14036.450	10.64	40.69	53.08	53.60	51.05	68.20	-17.15 Peak	0.00
5	15577.900	13.35	39.08	53.11	50.30	49.62	74.00	-24.38 Peak	0.00
6	17948.050	14.48	42.37	51.51	48.03	53.37	74.00	-20.63 Peak	0.00

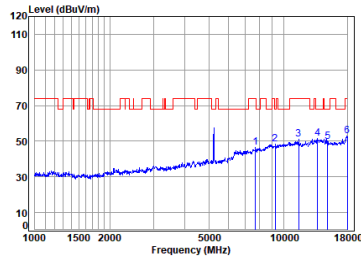
11ax_20M_TX_CH_48_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Factor
1	7497.646	9.22	36.90	53.71	42.23	34.64	54.00	-19.36 Average	0.00
2	9448.149	11.87	38.60	53.99	40.19	36.67	54.00	-17.33 Average	0.00
3	11140.310	11.47	39.20	53.67	41.27	38.27	54.00	-15.73 Average	0.00
4	13326.750	12.30	39.73	54.03	41.09	39.09	54.00	-14.91 Average	0.00
5	15668.210	13.35	38.83	53.06	39.14	38.26	54.00	-15.74 Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.65	41.84	54.00	-12.16 Average	0.00

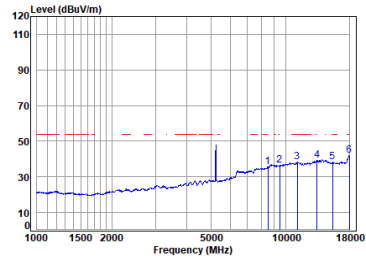
11ax_20M_TX_CH_48_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Factor
1	7695.244	9.29	36.04	53.91	55.17	46.59	74.00	-27.41 Peak	0.00
2	9258.909	11.54	38.55	53.95	52.15	48.29	68.20	-19.91 Peak	0.00
3	11467.000	12.19	39.23	53.84	53.35	50.93	74.00	-23.07 Peak	0.00
4	pp13677.970	11.42	40.74	53.96	53.22	51.42	68.20	-16.78 Peak	0.00
5	15046.850	12.43	39.35	53.38	51.41	49.81	68.20	-18.39 Peak	0.00
6	18000.000	14.49	43.20	51.50	46.83	53.02	74.00	-20.98 Peak	0.00

11ax_20M_TX_CH_48_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5240 TX RSE
: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Factor
1	8489.882	9.47	37.14	54.05	43.21	35.77	54.00	-18.23 Average	0.00
2	9448.149	11.87	38.60	53.99	40.15	36.63	54.00	-17.37 Average	0.00
3	11140.310	11.47	39.20	53.67	41.41	38.41	54.00	-15.59 Average	0.00
4	13365.320	12.21	39.77	54.03	41.19	39.14	54.00	-14.86 Average	0.00
5	15443.410	13.24	39.00	53.17	39.03	38.10	54.00	-15.90 Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.88	42.07	54.00	-11.93 Average	0.00



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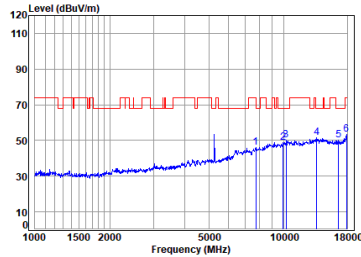
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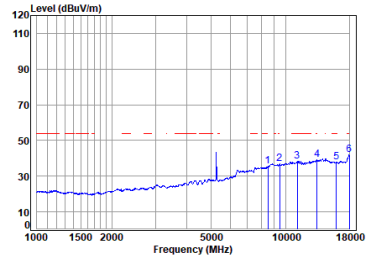
11a_TX_CH_52_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	7739.857	9.31	36.24	53.95	54.50	46.10	74.00	-27.90	Peak	0.00
2	9952.717	11.85	38.77	54.09	52.30	48.83	68.20	-19.37	Peak	0.00
3	10244.508	11.69	38.67	53.97	53.63	50.02	68.20	-18.18	Peak	0.00
4	pp13599.130	11.62	40.90	53.98	53.06	51.60	68.20	-16.60	Peak	0.00
5	16600.640	15.14	38.80	52.17	48.28	50.05	68.20	-18.15	Peak	0.00
6	17896.258	14.48	41.55	51.52	48.99	53.50	74.00	-20.50	Peak	0.00

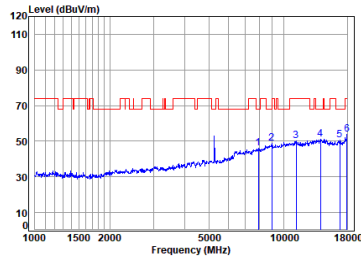
11a_TX_CH_52_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	8489.882	9.47	37.14	54.05	43.21	35.77	54.00	-18.23	Average	0.00
2	9448.149	11.87	38.60	53.99	40.33	36.81	54.00	-17.19	Average	0.00
3	11140.310	11.47	39.20	53.67	41.37	38.37	54.00	-15.63	Average	0.00
4	13365.320	12.21	39.77	54.03	41.42	39.37	54.00	-14.63	Average	0.00
5	15988.450	13.35	37.46	52.91	40.18	38.08	54.00	-15.92	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.98	42.17	54.00	-11.83	Average	0.00

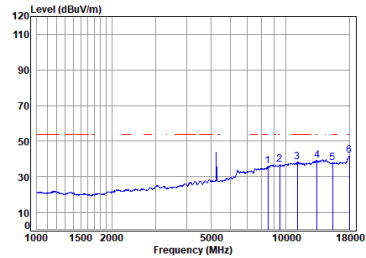
11a_TX_CH_52_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	7920.911	9.37	36.77	54.13	54.13	46.14	68.20	-22.06	Peak	0.00
2	8969.161	10.97	38.05	53.91	53.52	48.63	68.20	-19.57	Peak	0.00
3	11237.330	11.68	39.13	53.72	53.03	50.12	74.00	-23.88	Peak	0.00
4	pp14038.450	10.64	40.69	53.88	53.77	51.22	68.20	-16.98	Peak	0.00
5	16842.290	14.68	38.72	51.88	49.30	50.82	68.20	-17.38	Peak	0.00
6	17948.050	14.48	42.37	51.51	48.39	53.73	74.00	-20.27	Peak	0.00

11a_TX_CH_52_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	8489.882	9.47	37.14	54.05	43.21	35.77	54.00	-18.23	Average	0.00
2	9448.149	11.87	38.60	53.99	40.30	36.78	54.00	-17.22	Average	0.00
3	11140.310	11.47	39.20	53.67	41.46	38.46	54.00	-15.54	Average	0.00
4	13365.320	12.21	39.77	54.03	41.23	39.18	54.00	-14.82	Average	0.00
5	15443.410	13.24	39.00	53.17	38.97	38.04	54.00	-15.96	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.71	41.90	54.00	-12.10	Average	0.00



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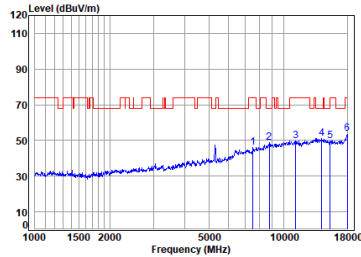
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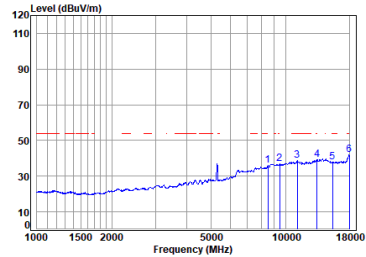
11a_TX_CH_60_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	7519.349	9.23	36.51	53.74	54.07	46.07	74.00	-27.93	Peak	0.00
2	8738.852	10.25	38.34	53.98	54.10	48.71	68.20	-19.49	Peak	0.00
3	11172.508	11.54	39.20	53.69	52.79	49.04	74.00	-24.16	Peak	0.00
4	pp14201.690	10.81	40.89	53.00	53.16	51.00	68.20	-17.12	Peak	0.00
5	15398.830	13.15	39.00	53.20	50.97	49.92	74.00	-24.00	Peak	0.00
6	18000.000	14.49	43.20	51.50	47.55	53.74	74.00	-26.26	Peak	0.00

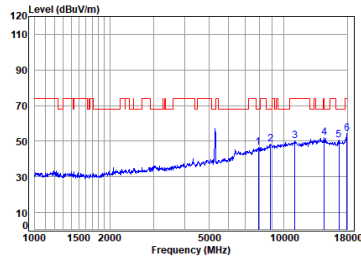
11a_TX_CH_60_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	8489.882	9.47	37.14	54.05	43.49	36.05	54.00	-17.95	Average	0.00
2	9448.149	11.87	38.60	53.99	40.29	36.77	54.00	-17.23	Average	0.00
3	11148.310	11.47	39.20	53.67	41.56	38.56	54.00	-15.44	Average	0.00
4	13365.320	12.21	39.77	54.03	41.30	39.25	54.00	-14.75	Average	0.00
5	15443.410	13.24	39.00	53.17	38.97	38.04	54.00	-15.96	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.85	42.04	54.00	-11.96	Average	0.00

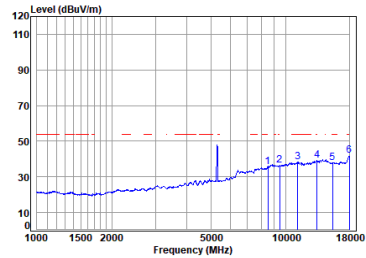
11a_TX_CH_60_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	7920.911	9.37	36.77	54.13	54.54	46.55	68.20	-21.65	Peak	0.00
2	8866.062	10.65	38.06	53.94	53.52	48.29	68.20	-19.91	Peak	0.00
3	11180.160	11.39	39.20	53.66	53.14	50.07	74.00	-23.93	Peak	0.00
4	pp14533.910	11.20	39.87	53.63	54.44	51.88	68.20	-16.32	Peak	0.00
5	16696.880	14.95	39.28	52.06	48.26	50.43	68.20	-17.77	Peak	0.00
6	17948.050	14.48	42.37	51.51	48.81	54.15	74.00	-19.85	Peak	0.00

11a_TX_CH_60_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	8489.882	9.47	37.14	54.05	43.15	35.71	54.00	-18.29	Average	0.00
2	9448.149	11.87	38.60	53.99	40.22	36.70	54.00	-17.30	Average	0.00
3	11172.508	11.54	39.20	53.69	41.21	38.26	54.00	-15.74	Average	0.00
4	13365.320	12.21	39.77	54.03	41.42	39.37	54.00	-14.63	Average	0.00
5	15443.410	13.24	39.00	53.17	38.97	38.04	54.00	-15.96	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.81	42.00	54.00	-12.00	Average	0.00



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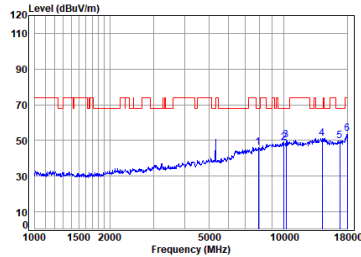
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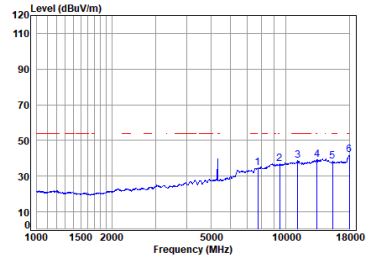
11a_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7898.049	9.36	36.59	54.10	54.41	46.26	68.20	-21.94	Peak	0.00
2	10010.420	11.83	38.29	54.09	52.88	48.91	68.20	-19.29	Peak	0.00
3	10244.508	11.69	38.67	53.97	53.82	50.21	68.20	-17.99	Peak	0.00
4	pp14204.630	10.90	40.56	53.75	53.51	51.22	68.20	-16.98	Peak	0.00
5	16842.290	14.68	38.72	51.88	48.34	49.86	68.20	-18.34	Peak	0.00
6	18000.000	14.49	43.20	51.50	47.76	53.95	74.00	-20.05	Peak	0.00

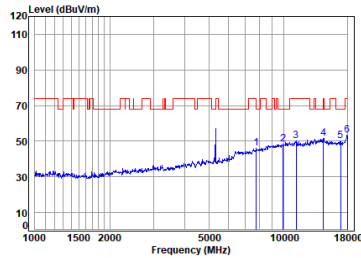
11a_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7739.857	9.31	36.24	53.95	42.88	34.48	54.00	-19.52	Average	0.00
2	9448.149	11.87	38.60	53.99	40.30	36.78	54.00	-17.22	Average	0.00
3	11172.500	11.54	39.20	53.69	41.54	38.59	54.00	-15.41	Average	0.00
4	13365.300	12.21	39.77	54.03	41.24	39.19	54.00	-14.81	Average	0.00
5	15443.410	13.24	39.00	53.17	39.05	38.12	54.00	-15.88	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.81	42.00	54.00	-12.00	Average	0.00

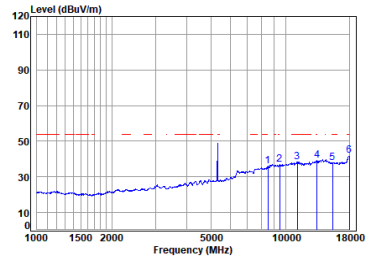
11a_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7762.260	9.32	36.32	53.97	54.20	45.87	68.20	-22.33	Peak	0.00
2	9952.717	11.85	38.77	54.09	51.82	48.35	68.20	-19.85	Peak	0.00
3	11204.900	11.61	39.19	53.71	53.03	50.12	74.00	-23.88	Peak	0.00
4	pp14450.130	11.07	39.90	53.67	54.34	51.64	68.20	-16.56	Peak	0.00
5	16939.940	14.49	38.80	51.77	48.78	50.30	68.20	-17.90	Peak	0.00
6	18000.000	14.49	43.20	51.50	47.09	53.28	74.00	-20.72	Peak	0.00

11a_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	8489.882	9.47	37.14	54.05	43.39	35.95	54.00	-18.05	Average	0.00
2	9448.149	11.87	38.60	53.99	40.36	36.84	54.00	-17.16	Average	0.00
3	11140.310	11.47	39.20	53.67	41.55	38.55	54.00	-15.45	Average	0.00
4	13365.320	12.21	39.77	54.03	41.17	39.12	54.00	-14.88	Average	0.00
5	15443.410	13.24	39.00	53.17	38.94	38.01	54.00	-15.99	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.75	41.94	54.00	-12.06	Average	0.00



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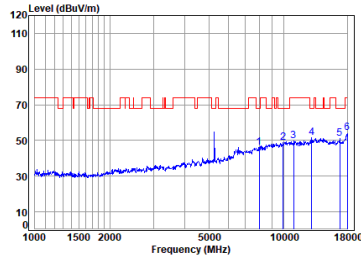
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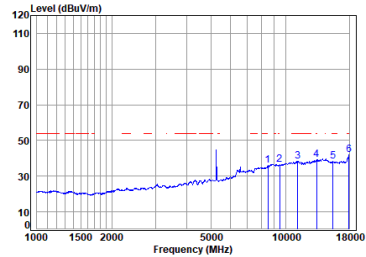
11ax_20M_TX_CH_52_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7989.893	9.40	36.92	54.19	54.13	46.26	68.20 -21.94 Peak
2	9952.717	11.85	38.77	54.09	52.11	48.64	68.20 -19.56 Peak
3	10948.708	11.19	38.44	53.62	53.90	49.91	74.00 -24.09 Peak
4	pp12947.070	13.14	39.51	54.10	52.85	51.40	68.20 -16.80 Peak
5	16793.688	14.77	38.83	51.94	49.39	51.05	68.20 -17.15 Peak
6	18000.000	14.49	43.20	51.50	48.10	54.29	74.00 -19.71 Peak

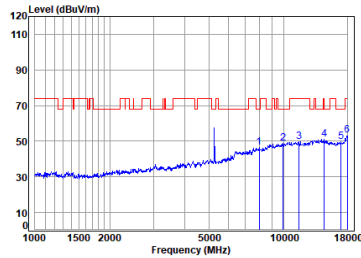
11ax_20M_TX_CH_52_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8489.882	9.47	37.14	54.05	43.35	35.91	54.00 -18.09 Average
2	9448.149	11.87	38.60	53.99	40.85	36.53	54.00 -17.47 Average
3	11172.500	11.54	39.20	53.69	41.48	38.53	54.00 -15.47 Average
4	13326.750	12.30	39.73	54.03	41.26	39.26	54.00 -14.74 Average
5	15488.110	13.33	39.00	53.15	38.99	38.17	54.00 -15.83 Average
6	pp17948.050	14.48	42.37	51.51	36.53	41.87	54.00 -12.13 Average

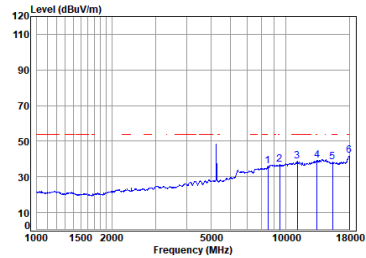
11ax_20M_TX_CH_52_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7966.832	9.39	36.97	54.17	54.54	46.73	68.20 -21.47 Peak
2	9952.717	11.85	38.77	54.09	52.11	48.64	68.20 -19.56 Peak
3	11533.400	12.21	38.90	53.87	52.29	49.53	74.00 -24.47 Peak
4	pp14533.910	11.20	39.87	53.63	53.72	51.16	68.20 -17.04 Peak
5	17038.150	14.38	39.25	51.69	47.59	49.53	68.20 -18.67 Peak
6	18000.000	14.49	43.20	51.50	47.15	53.34	74.00 -26.66 Peak

11ax_20M_TX_CH_52_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5260 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	8489.882	9.47	37.14	54.05	43.52	36.08	54.00 -17.92 Average
2	9448.149	11.87	38.60	53.99	40.37	36.85	54.00 -17.15 Average
3	11140.310	11.47	39.20	53.67	41.61	38.61	54.00 -15.39 Average
4	13365.320	12.21	39.77	54.03	41.31	39.26	54.00 -14.74 Average
5	15443.410	13.24	39.00	53.17	39.22	38.29	54.00 -15.71 Average
6	pp18000.000	14.49	43.20	51.50	35.77	41.96	54.00 -12.04 Average



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Shenzhen Branch

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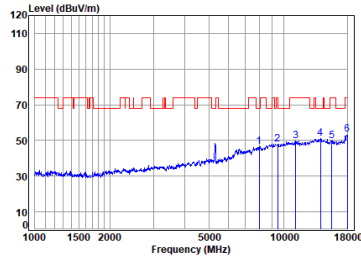
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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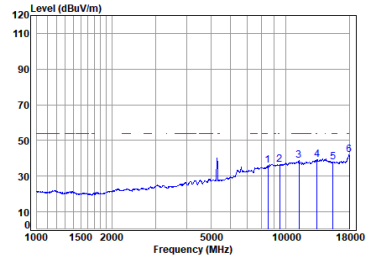
11ax_20M_TX_CH_60_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7989.893	9.40	36.92	54.19	54.24	46.37	68.20 -21.83 Peak	0.00
2 9448.149	11.87	38.60	53.99	51.45	47.93	74.00 -26.07 Peak	0.00
3 11172.508	11.54	39.20	53.69	52.52	49.57	74.00 -24.43 Peak	0.00
4 pp14038.450	10.64	40.69	53.08	53.86	51.31	68.20 -16.89 Peak	0.00
5 15622.990	13.35	39.01	53.08	50.66	49.94	74.00 -24.06 Peak	0.00
6 18000.000	14.49	43.20	51.50	47.03	53.22	74.00 -28.78 Peak	0.00

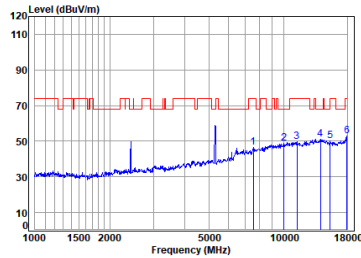
11ax_20M_TX_CH_60_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.31	35.87	54.00 -18.13 Average	0.00
2 9448.149	11.87	38.60	53.99	39.99	36.47	54.00 -17.53 Average	0.00
3 11302.400	11.83	39.01	53.76	41.52	38.00	54.00 -15.40 Average	0.00
4 13365.300	12.21	39.77	54.03	41.39	39.34	54.00 -14.66 Average	0.00
5 15488.110	13.33	39.00	53.15	38.81	37.99	54.00 -16.01 Average	0.00
6 pp18000.000	14.49	43.20	51.50	35.80	41.99	54.00 -12.01 Average	0.00

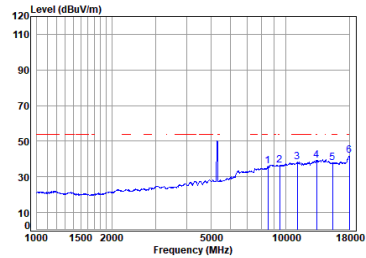
11ax_20M_TX_CH_60_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7541.114	9.24	36.08	53.76	54.99	46.55	74.00 -27.45 Peak	0.00
2 10010.420	11.83	38.29	54.09	52.94	48.97	68.20 -19.23 Peak	0.00
3 11302.400	11.83	39.01	53.76	52.57	49.65	74.00 -24.35 Peak	0.00
4 pp14038.450	10.64	40.69	53.08	53.78	51.23	68.20 -16.97 Peak	0.00
5 15398.830	13.15	39.00	53.20	51.27	50.22	74.00 -23.78 Peak	0.00
6 17948.050	14.48	42.37	51.51	47.38	52.72	74.00 -21.28 Peak	0.00

11ax_20M_TX_CH_60_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5300 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.38	35.94	54.00 -18.06 Average	0.00
2 9448.149	11.87	38.60	53.99	40.17	36.65	54.00 -17.35 Average	0.00
3 11140.310	11.47	39.20	53.67	41.37	38.37	54.00 -15.63 Average	0.00
4 13326.750	12.30	39.73	54.03	41.11	39.11	54.00 -14.89 Average	0.00
5 15443.410	13.24	39.00	53.17	38.96	38.03	54.00 -15.97 Average	0.00
6 pp18000.000	14.49	43.20	51.50	35.89	42.08	54.00 -11.92 Average	0.00



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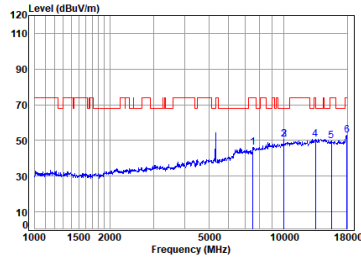
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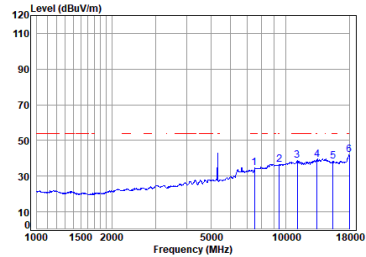
11ax_20M_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7519.349	9.23	36.51	53.74	54.17	46.17	74.00	-27.83 Peak	0.00
2 10010.420	11.83	38.29	54.09	54.40	50.43	68.20	-17.77 Peak	0.00
3 10010.420	11.83	38.29	54.09	54.40	50.43	68.20	-17.77 Peak	0.00
4 pp13404.010	12.11	39.82	54.02	52.86	50.79	68.20	-17.41 Peak	0.00
5 15577.900	13.35	39.08	53.11	50.62	49.94	74.00	-24.06 Peak	0.00
6 17948.050	14.48	42.37	51.51	47.56	52.90	74.00	-21.10 Peak	0.00

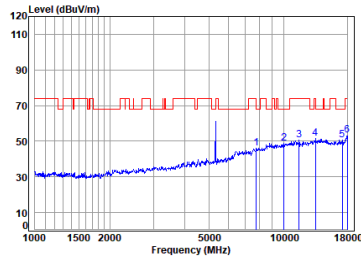
11ax_20M_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7497.646	9.22	36.90	53.71	42.11	34.52	54.00	-19.48 Average	0.00
2 9420.880	11.82	38.66	53.99	40.12	36.61	54.00	-17.39 Average	0.00
3 11140.310	11.47	39.20	53.67	41.67	38.67	54.00	-15.33 Average	0.00
4 13369.300	12.21	39.77	54.03	41.36	39.21	54.00	-14.69 Average	0.00
5 15488.110	13.33	39.00	53.15	39.03	38.21	54.00	-15.79 Average	0.00
6 pp18000.000	14.49	43.20	51.50	35.95	42.14	54.00	-11.86 Average	0.00

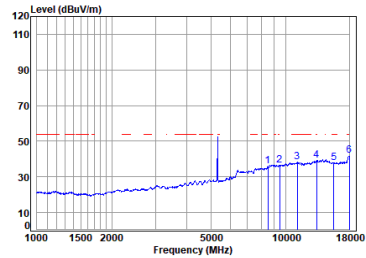
11ax_20M_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7762.260	9.32	36.32	53.97	54.33	46.00	68.20	-22.20 Peak	0.00
2 10010.420	11.83	38.29	54.09	52.95	48.98	68.20	-19.22 Peak	0.00
3 11533.400	12.21	38.90	53.87	53.30	50.54	74.00	-23.46 Peak	0.00
4 pp13442.010	12.02	40.06	54.01	53.42	51.49	68.20	-16.71 Peak	0.00
5 17186.530	14.40	38.89	51.66	49.10	50.73	68.20	-17.47 Peak	0.00
6 18000.000	14.49	43.20	51.50	47.24	53.43	74.00	-26.57 Peak	0.00

11ax_20M_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5320 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.55	36.11	54.00	-17.89 Average	0.00
2 9448.149	11.87	38.60	53.99	40.05	36.53	54.00	-17.47 Average	0.00
3 11140.310	11.47	39.20	53.67	41.42	38.42	54.00	-15.58 Average	0.00
4 13326.750	12.30	39.73	54.03	41.33	39.33	54.00	-14.67 Average	0.00
5 15622.990	13.35	39.01	53.08	38.75	38.03	54.00	-15.97 Average	0.00
6 pp18000.000	14.49	43.20	51.50	35.86	42.05	54.00	-11.95 Average	0.00



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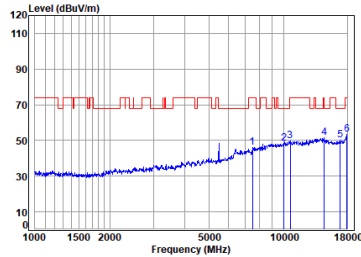
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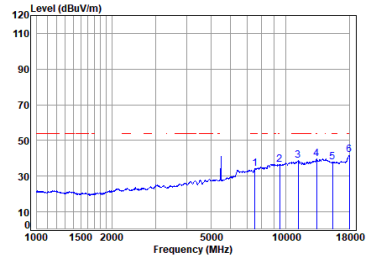
11a_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7497.646	9.22	36.90	53.71	53.65	46.06	74.00	-27.94	Peak	0.00
2	10010.428	11.83	38.29	54.09	52.50	48.53	68.20	-19.67	Peak	0.00
3	10636.858	11.42	38.39	53.78	53.48	49.51	74.00	-24.49	Peak	0.00
4	pp14533.518	11.28	39.87	53.63	54.02	51.46	68.20	-16.74	Peak	0.00
5	16891.040	14.58	38.62	51.83	48.84	50.21	68.20	-17.99	Peak	0.00
6	17948.058	14.48	42.37	51.51	47.99	53.33	74.00	-20.67	Peak	0.00

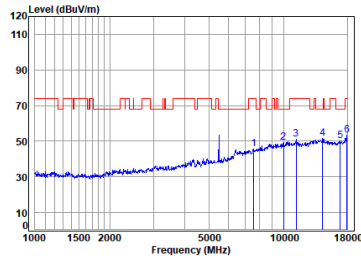
11a_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7519.349	9.23	36.51	53.74	42.15	34.15	54.00	-19.85	Average	0.00
2	9448.149	11.87	38.60	53.99	40.06	36.54	54.00	-17.46	Average	0.00
3	11204.900	11.61	39.19	53.71	41.48	38.57	54.00	-15.43	Average	0.00
4	13326.750	12.30	39.73	54.03	41.48	39.48	54.00	-14.52	Average	0.00
5	15443.410	13.24	39.00	53.17	38.96	38.03	54.00	-15.97	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.81	42.00	54.00	-12.00	Average	0.00

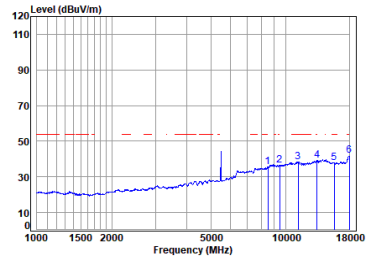
11a_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7584.833	9.25	36.04	53.80	54.34	45.83	74.00	-28.17	Peak	0.00
2	9981.525	11.84	38.42	54.10	52.95	49.11	68.20	-19.09	Peak	0.00
3	11204.900	11.61	39.19	53.71	54.20	51.29	74.00	-22.71	Peak	0.00
4	pp14325.370	10.94	40.42	53.73	53.76	51.39	68.20	-16.81	Peak	0.00
5	16891.040	14.58	38.62	51.83	48.77	50.14	68.20	-18.06	Peak	0.00
6	17948.058	14.48	42.37	51.51	48.21	53.55	74.00	-20.45	Peak	0.00

11a_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	8489.882	9.47	37.14	54.05	43.03	35.59	54.00	-18.41	Average	0.00
2	9448.149	11.87	38.60	53.99	40.12	36.60	54.00	-17.40	Average	0.00
3	11204.900	11.61	39.19	53.71	41.33	38.42	54.00	-15.58	Average	0.00
4	13365.320	12.21	39.77	54.03	41.13	39.08	54.00	-14.92	Average	0.00
5	15668.210	13.35	38.83	53.06	38.95	38.07	54.00	-15.93	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.72	41.91	54.00	-12.09	Average	0.00



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中国·深圳·宝安区福永街道凤塘大道鑫龙科技园福永实验室 邮编: 518103 t (86-755) 88663988 f (86-755) 26710594 sgs.china@sgs.com

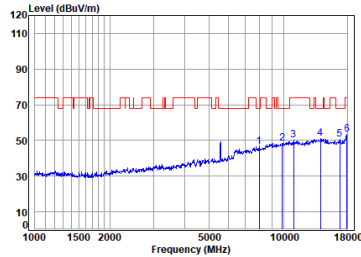
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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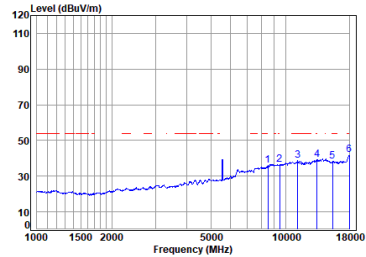
11a_TX_CH_116_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7989.893	9.40	36.92	54.19	54.53	46.66	68.20	-21.54	Peak	0.00
2	9866.789	11.87	38.70	54.07	51.86	48.36	68.20	-19.84	Peak	0.00
3	10948.708	11.19	38.44	53.62	54.08	50.09	74.00	-23.91	Peak	0.00
4	pp14036.450	10.64	40.69	53.08	53.61	51.06	68.20	-17.14	Peak	0.00
5	16793.688	14.77	38.83	51.94	48.88	50.54	68.20	-17.66	Peak	0.00
6	17948.058	14.48	42.37	51.51	47.96	53.38	74.00	-20.70	Peak	0.00

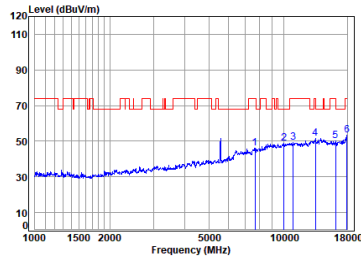
11a_TX_CH_116_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	8489.882	9.47	37.14	54.05	43.27	35.83	54.00	-18.17	Average	0.00
2	9448.149	11.87	38.60	53.99	40.14	36.62	54.00	-17.38	Average	0.00
3	11172.500	11.54	39.20	53.69	41.71	38.76	54.00	-15.24	Average	0.00
4	13365.300	12.21	39.77	54.03	41.16	39.11	54.00	-14.89	Average	0.00
5	15443.410	13.24	39.00	53.17	39.09	38.16	54.00	-15.84	Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.94	42.13	54.00	-11.87	Average	0.00

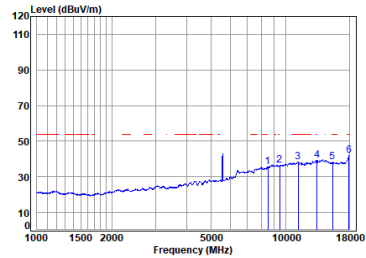
11a_TX_CH_116_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7673.034	9.28	36.22	53.89	54.68	46.29	74.00	-27.71	Peak	0.00
2	10010.420	11.83	38.29	54.09	52.95	48.98	68.20	-19.22	Peak	0.00
3	10917.100	11.21	38.22	53.64	53.32	49.11	74.00	-24.89	Peak	0.00
4	pp13404.010	12.11	39.82	54.02	53.69	51.60	68.20	-16.60	Peak	0.00
5	16174.370	14.05	37.62	52.69	50.99	49.97	74.00	-24.03	Peak	0.00
6	17948.058	14.48	42.37	51.51	48.04	53.38	74.00	-20.62	Peak	0.00

11a_TX_CH_116_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	8489.882	9.47	37.14	54.05	43.13	35.69	54.00	-18.31	Average	0.00
2	9448.149	11.87	38.60	53.99	39.99	36.47	54.00	-17.53	Average	0.00
3	11204.900	11.61	39.19	53.71	41.40	38.49	54.00	-15.51	Average	0.00
4	13365.320	12.21	39.77	54.03	41.29	39.24	54.00	-14.76	Average	0.00
5	15443.410	13.24	39.00	53.17	39.07	38.14	54.00	-15.86	Average	0.00
6	pp17948.050	14.48	42.37	51.51	36.51	41.85	54.00	-12.15	Average	0.00



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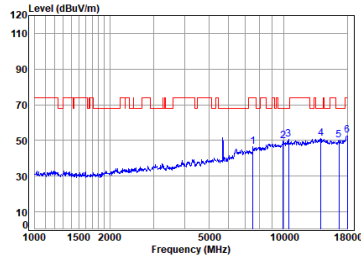
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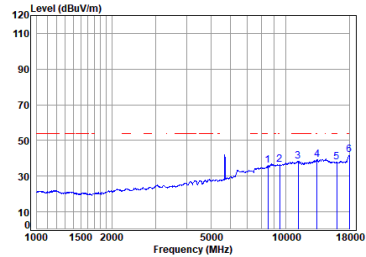
11a_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	7519.349	9.23	36.51	53.74	54.63	46.63	74.00	-27.37	Peak	0.00	
2	9952.717	11.85	38.77	54.09	53.09	49.62	68.20	-18.58	Peak	0.00	
3	10453.970	11.56	38.41	53.87	54.34	50.44	68.20	-17.70	Peak	0.00	
4	pp14119.830	10.73	40.34	53.04	53.66	50.89	68.20	-17.31	Peak	0.00	
5	16696.880	14.95	39.28	52.06	47.90	50.07	68.20	-18.13	Peak	0.00	
6	18000.000	14.49	43.20	51.50	46.60	52.79	74.00	-21.21	Peak	0.00	

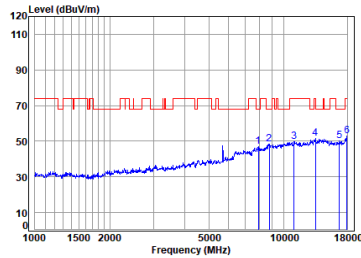
11a_TX_CH_140_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	8489.882	9.47	37.14	54.05	43.30	35.86	54.00	-18.14	Average	0.00	
2	9448.149	11.87	38.60	53.99	40.07	36.55	54.00	-17.45	Average	0.00	
3	11204.900	11.61	39.19	53.71	41.21	38.30	54.00	-15.70	Average	0.00	
4	13365.320	12.21	39.77	54.03	41.35	39.30	54.00	-14.70	Average	0.00	
5	16034.730	13.49	37.30	52.86	40.11	38.04	54.00	-15.96	Average	0.00	
6	pp18000.000	14.49	43.20	51.50	35.91	42.10	54.00	-11.90	Average	0.00	

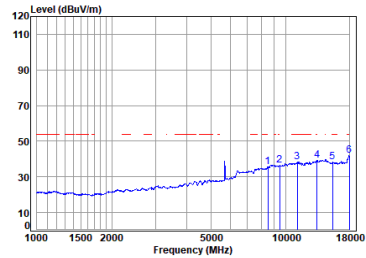
11a_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	7898.049	9.36	36.59	54.10	55.05	46.90	68.20	-21.30	Peak	0.00	
2	8764.146	10.33	38.24	53.97	53.90	48.50	68.20	-19.70	Peak	0.00	
3	11012.250	11.18	38.85	53.61	53.18	49.60	74.00	-24.40	Peak	0.00	
4	pp13404.010	12.11	39.82	54.02	53.50	51.41	68.20	-16.79	Peak	0.00	
5	16745.210	14.86	39.07	52.00	48.26	50.19	68.20	-18.01	Peak	0.00	
6	17948.050	14.48	42.37	51.51	47.43	52.77	74.00	-21.23	Peak	0.00	

11a_TX_CH_140_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11A

	Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	8489.882	9.47	37.14	54.05	43.19	35.75	54.00	-18.25	Average	0.00	
2	9448.149	11.87	38.60	53.99	40.02	36.50	54.00	-17.50	Average	0.00	
3	11140.310	11.47	39.20	53.67	41.46	38.46	54.00	-15.54	Average	0.00	
4	13365.320	12.21	39.77	54.03	41.18	39.13	54.00	-14.87	Average	0.00	
5	15443.410	13.24	39.00	53.17	39.30	38.37	54.00	-15.63	Average	0.00	
6	pp18000.000	14.49	43.20	51.50	35.68	41.87	54.00	-12.13	Average	0.00	



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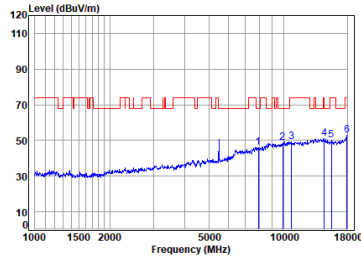
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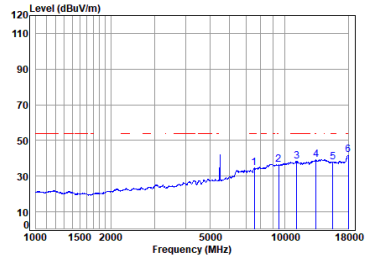
11ax_20M_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7920.911	9.37	36.77	54.13	54.15	46.16	68.20	-22.04 Peak 0.00
2 9895.349	11.86	38.87	54.08	52.18	48.83	68.20	-19.37 Peak 0.00
3 10700.540	11.33	38.26	53.72	53.57	49.44	74.00	-24.56 Peak 0.00
4 pp14533.910	11.20	39.87	53.63	53.65	51.09	68.20	-17.11 Peak 0.00
5 15577.900	13.35	39.08	53.11	51.07	50.39	74.00	-23.61 Peak 0.00
6 17948.050	14.48	42.37	51.51	47.74	53.08	74.00	-28.92 Peak 0.00

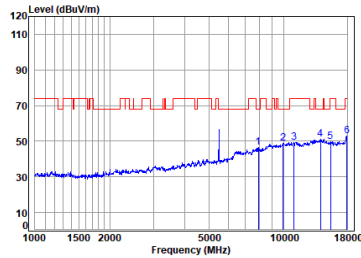
11ax_20M_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7562.942	9.24	35.95	53.78	43.05	34.46	54.00	-19.54 Average 0.00
2 9448.149	11.87	38.60	53.99	40.18	36.66	54.00	-17.34 Average 0.00
3 11172.500	11.54	39.20	53.69	41.21	38.26	54.00	-15.74 Average 0.00
4 13365.300	12.21	39.77	54.03	41.47	39.42	54.00	-14.58 Average 0.00
5 15622.990	13.35	39.01	53.08	38.71	37.99	54.00	-16.01 Average 0.00
6 pp18000.000	14.49	43.20	51.50	35.82	42.01	54.00	-11.99 Average 0.00

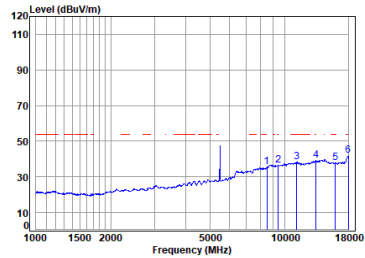
11ax_20M_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7920.911	9.37	36.77	54.13	54.54	46.55	68.20	-21.65 Peak 0.00
2 9952.717	11.85	38.77	54.09	52.16	48.69	68.20	-19.51 Peak 0.00
3 11012.250	11.18	38.85	53.61	53.00	49.42	74.00	-24.58 Peak 0.00
4 pp14038.450	10.64	40.69	53.88	53.71	51.16	68.20	-17.04 Peak 0.00
5 15443.410	13.24	39.00	53.17	50.74	49.81	74.00	-24.19 Peak 0.00
6 17948.050	14.48	42.37	51.51	47.42	52.76	74.00	-21.24 Peak 0.00

11ax_20M_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.19	35.75	54.00	-18.25 Average 0.00
2 9420.800	11.82	38.66	53.99	40.15	36.64	54.00	-17.36 Average 0.00
3 11172.500	11.54	39.20	53.69	41.23	38.28	54.00	-15.72 Average 0.00
4 13365.320	12.21	39.77	54.03	41.27	39.22	54.00	-14.78 Average 0.00
5 15988.450	13.35	37.46	52.91	40.19	38.09	54.00	-15.91 Average 0.00
6 pp18000.000	14.49	43.20	51.50	35.72	41.91	54.00	-12.09 Average 0.00



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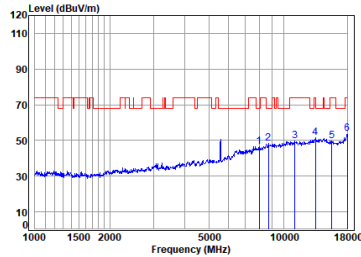
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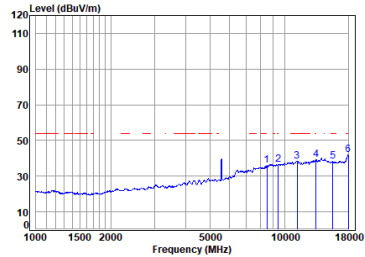
11ax_20M_TX_CH_116_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 7989.893	9.40	36.92	54.19	54.37	46.50	68.20	-21.70 Peak 0.00
2 8688.480	10.08	38.34	53.99	54.10	48.53	68.20	-19.67 Peak 0.00
3 11108.108	11.39	39.20	53.66	52.92	49.05	74.00	-24.15 Peak 0.00
4 pp13404.610	12.11	39.82	54.02	53.72	51.63	68.20	-16.57 Peak 0.00
5 15622.990	13.35	39.01	53.08	50.34	49.62	74.00	-24.38 Peak 0.00
6 18000.000	14.49	43.20	51.50	47.55	53.74	74.00	-26.26 Peak 0.00

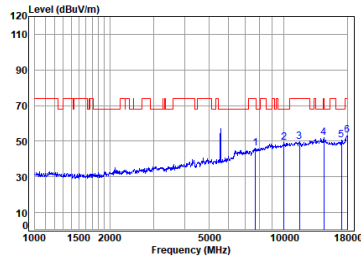
11ax_20M_TX_CH_116_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 8489.882	9.47	37.14	54.05	43.45	36.01	54.00	-17.99 Average 0.00
2 9420.880	11.82	38.66	53.99	40.11	36.60	54.00	-17.40 Average 0.00
3 11204.900	11.61	39.19	53.71	41.27	38.36	54.00	-15.64 Average 0.00
4 13365.300	12.21	39.77	54.03	41.44	39.39	54.00	-14.61 Average 0.00
5 15622.990	13.35	39.01	53.08	38.88	38.16	54.00	-15.84 Average 0.00
6 pp18000.000	14.49	43.20	51.50	35.88	42.07	54.00	-11.93 Average 0.00

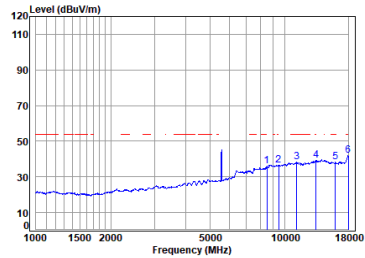
11ax_20M_TX_CH_116_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 7695.244	9.29	36.04	53.91	54.63	46.05	74.00	-27.95 Peak 0.00
2 10010.420	11.83	38.29	54.09	53.16	49.19	68.20	-19.01 Peak 0.00
3 11566.870	12.17	38.60	53.89	52.04	49.72	74.00	-24.28 Peak 0.00
4 14491.960	11.11	39.65	53.65	55.01	52.12	74.00	-21.88 Peak 0.00
5 pp17087.460	14.39	39.45	51.68	48.42	50.58	68.20	-17.62 Peak 0.00
6 18000.000	14.49	43.20	51.50	47.14	53.33	74.00	-26.67 Peak 0.00

11ax_20M_TX_CH_116_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 8489.882	9.47	37.14	54.05	43.44	36.00	54.00	-18.00 Average 0.00
2 9448.149	11.87	38.60	53.99	40.06	36.54	54.00	-17.46 Average 0.00
3 11172.560	11.54	39.20	53.69	41.35	38.40	54.00	-15.60 Average 0.00
4 13365.320	12.21	39.77	54.03	41.19	39.14	54.00	-14.86 Average 0.00
5 15988.450	13.35	37.46	52.91	40.42	38.32	54.00	-15.68 Average 0.00
6 pp18000.000	14.49	43.20	51.50	35.89	42.08	54.00	-11.92 Average 0.00



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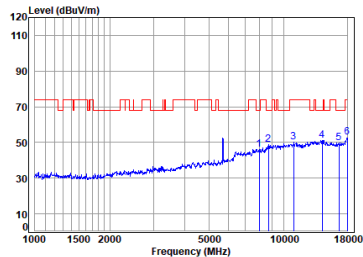
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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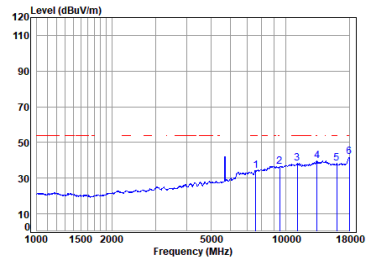
11ax_20M_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7966.832	9.39	36.97	54.17	53.98	46.17	68.20	-22.03 Peak
2	8688.488	10.08	38.34	53.99	54.37	48.80	68.20	-19.40 Peak
3	10980.478	11.16	38.66	53.61	54.14	50.35	74.00	-23.65 Peak
4	pp14284.638	10.90	40.56	53.75	53.54	51.25	68.20	-16.95 Peak
5	16648.698	15.84	39.04	52.11	47.77	49.74	68.20	-18.46 Peak
6	18000.000	14.49	43.20	51.50	46.52	52.71	74.00	-21.29 Peak

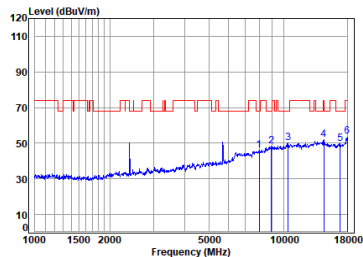
11ax_20M_TX_CH_140_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7584.833	9.25	36.04	53.80	42.83	34.32	54.00	-19.68 Average
2	9448.149	11.87	38.60	53.99	40.28	36.76	54.00	-17.49 Average
3	11148.310	11.47	39.20	53.67	41.21	38.21	54.00	-15.79 Average
4	13365.320	12.21	39.77	54.03	41.59	39.54	54.00	-14.46 Average
5	16034.730	13.49	37.30	52.86	40.34	38.27	54.00	-15.73 Average
6	pp18000.000	14.49	43.20	51.50	35.80	41.99	54.00	-12.01 Average

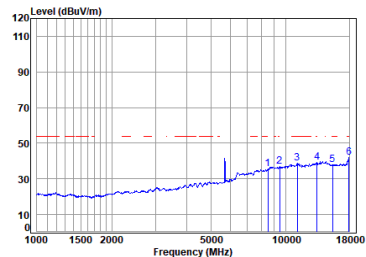
11ax_20M_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7989.893	9.40	36.92	54.19	54.03	46.16	68.20	-22.04 Peak
2	8917.462	10.81	38.23	53.92	53.20	48.32	68.20	-19.88 Peak
3	pp10423.000	11.58	38.35	53.80	53.94	49.99	68.20	-18.21 Peak
4	14491.968	11.11	39.65	53.65	54.81	51.92	74.00	-22.08 Peak
5	16891.040	14.58	38.62	51.83	48.26	49.63	68.20	-18.57 Peak
6	18000.000	14.49	43.20	51.50	47.46	53.65	74.00	-20.35 Peak

11ax_20M_TX_CH_140_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5700 TX RSE
: 5G Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	8489.882	9.47	37.14	54.05	43.13	35.69	54.00	-18.31 Average
2	9448.149	11.87	38.60	53.99	40.28	36.76	54.00	-17.24 Average
3	11148.310	11.47	39.20	53.67	41.66	38.66	54.00	-15.34 Average
4	13365.320	12.21	39.77	54.03	41.14	39.09	54.00	-14.91 Average
5	15443.410	13.24	39.00	53.17	38.97	38.04	54.00	-15.96 Average
6	pp17948.050	14.48	42.37	51.51	36.56	41.90	54.00	-12.10 Average

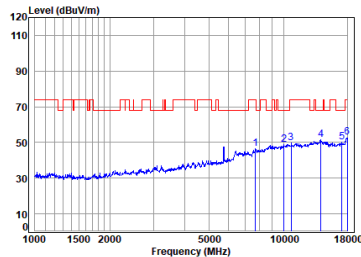
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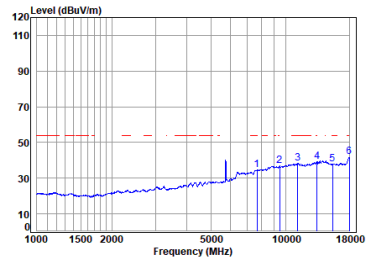
11a_TX_CH_149_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5745 TX RSE
: 5.86 Wi-Fi 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dB	dB
1 7695.244	9.29	36.04	53.91	54.90	46.32	74.00	-27.68 Peak
2 10010.420	11.83	38.29	54.09	52.67	48.70	68.20	-19.50 Peak
3 10729.400	11.35	38.23	53.73	53.76	49.61	74.00	-24.39 Peak
4 pp14119.630	10.73	40.34	53.84	54.41	51.64	68.20	-16.56 Peak
5 17136.920	14.39	39.24	51.67	48.05	50.01	68.20	-18.19 Peak
6 18000.000	14.49	43.20	51.50	46.84	53.03	74.00	-20.97 Peak

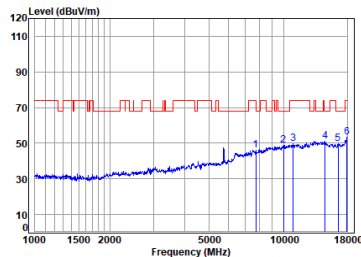
11a_TX_CH_149_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5745 TX RSE
: 5.86 Wi-Fi 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dB	dB
1 7673.034	9.28	36.22	53.89	42.86	34.47	54.00	-19.53 Average
2 9448.149	11.87	38.60	53.99	40.28	36.76	54.00	-17.24 Average
3 11172.500	11.54	39.20	53.69	41.21	38.26	54.00	-15.74 Average
4 13365.300	12.21	39.77	54.03	41.23	39.18	54.00	-14.82 Average
5 15443.410	13.24	39.00	53.17	38.99	38.06	54.00	-15.94 Average
6 pp18000.000	14.49	43.20	51.50	35.67	41.86	54.00	-12.14 Average

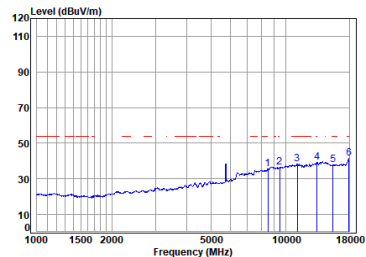
11a_TX_CH_149_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5745 TX RSE
: 5.86 Wi-Fi 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dB	dB
1 7739.857	9.31	36.24	53.95	54.53	46.13	74.00	-27.87 Peak
2 9981.525	11.84	38.42	54.10	52.47	48.63	68.20	-19.57 Peak
3 10917.100	11.21	38.22	53.64	53.81	49.60	74.00	-24.40 Peak
4 pp14660.480	11.51	40.40	53.57	52.69	51.03	68.20	-17.17 Peak
5 16552.730	15.23	38.66	52.23	47.92	49.58	68.20	-18.62 Peak
6 17948.050	14.48	42.37	51.51	47.91	53.25	74.00	-20.75 Peak

11a_TX_CH_149_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5745 TX RSE
: 5.86 Wi-Fi 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.16	35.72	54.00	-18.28 Average
2 9448.149	11.87	38.60	53.99	40.09	36.57	54.00	-17.43 Average
3 11140.310	11.47	39.20	53.67	41.23	38.23	54.00	-15.77 Average
4 13365.320	12.21	39.77	54.03	41.41	39.36	54.00	-14.64 Average
5 15488.110	13.33	39.00	53.15	38.87	38.05	54.00	-15.95 Average
6 pp17948.050	14.48	42.37	51.51	36.34	41.68	54.00	-12.32 Average



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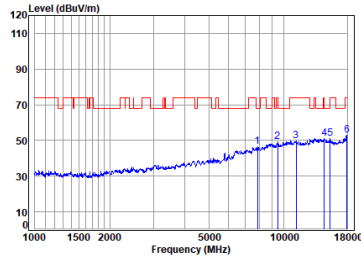
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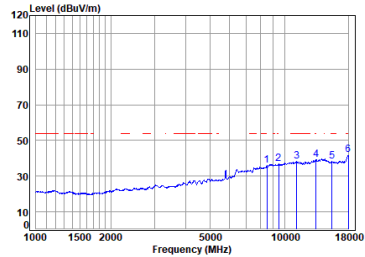
11a_TX_CH_157_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5785 TX RSE
: 5.86 Wi-Fi 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dB	dB
1 7852.524	9.35	36.41	54.06	54.85	68.20	-21.65 Peak	0.00
2 9448.149	11.87	38.60	53.99	52.96	49.44	74.00 -24.56 Peak	0.00
3 11204.908	11.61	39.19	53.71	52.56	49.65	74.00 -24.35 Peak	0.00
4 pp14533.918	11.38	39.87	53.63	53.61	51.05	68.20 -17.15 Peak	0.00
5 15354.398	13.06	39.00	53.22	52.24	51.08	74.00 -22.92 Peak	0.00
6 17948.058	14.48	42.37	51.51	47.67	53.01	74.00 -28.99 Peak	0.00

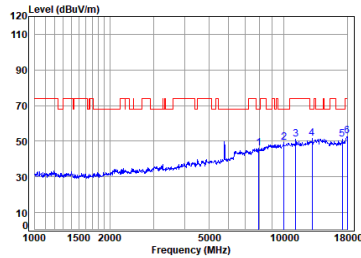
11a_TX_CH_157_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5785 TX RSE
: 5.86 Wi-Fi 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.47	36.03	54.00 -17.97 Average	0.00
2 9448.149	11.87	38.60	53.99	40.27	36.75	54.00 -17.25 Average	0.00
3 11172.508	11.54	39.20	53.69	41.39	38.44	54.00 -15.56 Average	0.00
4 13365.320	12.21	39.77	54.03	41.51	39.46	54.00 -14.54 Average	0.00
5 15488.110	13.33	39.00	53.15	38.93	38.11	54.00 -15.89 Average	0.00
6 pp18000.000	14.49	43.20	51.50	35.80	41.99	54.00 -12.01 Average	0.00

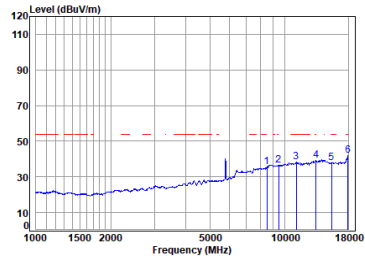
11a_TX_CH_157_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5785 TX RSE
: 5.86 Wi-Fi 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dB	dB
1 7943.838	9.38	36.95	54.15	53.88	46.06	68.20 -22.14 Peak	0.00
2 10010.420	11.83	38.29	54.09	53.31	49.34	68.20 -18.86 Peak	0.00
3 11172.508	11.54	39.20	53.69	53.95	51.00	74.00 -23.00 Peak	0.00
4 pp13022.130	13.05	39.23	54.10	53.45	51.63	68.20 -16.57 Peak	0.00
5 17186.530	14.40	38.89	51.66	49.54	51.17	68.20 -17.03 Peak	0.00
6 18000.000	14.49	43.20	51.50	46.67	52.86	74.00 -21.14 Peak	0.00

11a_TX_CH_157_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5785 TX RSE
: 5.86 Wi-Fi 11A

Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.14	35.70	54.00 -18.30 Average	0.00
2 9475.497	11.92	38.50	54.00	40.16	36.58	54.00 -17.42 Average	0.00
3 11140.310	11.47	39.20	53.67	41.24	38.24	54.00 -15.76 Average	0.00
4 13365.320	12.21	39.77	54.03	41.18	39.13	54.00 -14.87 Average	0.00
5 15443.410	13.24	39.00	53.17	38.99	38.06	54.00 -15.94 Average	0.00
6 pp17948.050	14.48	42.37	51.51	36.51	41.85	54.00 -12.15 Average	0.00



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Shenzhen Branch

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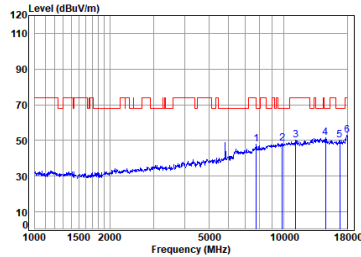
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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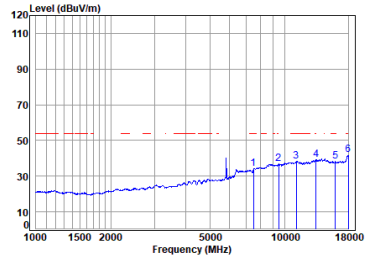
11a_TX_CH_165_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5825 TX RSE
: 5.86 Wi-Fi 11A

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
	MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7762.260	9.32	36.32	53.97	56.29	47.96	68.20 -20.24 Peak	0.00
2	9866.789	11.87	38.70	54.07	51.79	48.29	68.20 -19.91 Peak	0.00
3	11172.508	11.54	39.20	53.69	52.98	50.03	74.00 -23.97 Peak	0.00
4	pp14702.510	11.62	40.39	53.54	53.20	51.67	68.20 -16.53 Peak	0.00
5	16842.290	14.68	38.72	51.88	48.52	50.04	68.20 -18.16 Peak	0.00
6	18000.000	14.49	43.20	51.50	46.87	53.06	74.00 -20.94 Peak	0.00

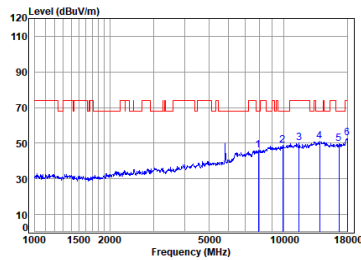
11a_TX_CH_165_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5825 TX RSE
: 5.86 Wi-Fi 11A

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
	MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7497.646	9.22	36.90	53.71	41.98	34.39	54.00 -19.61 Average	0.00
2	9448.149	11.87	38.60	53.99	40.44	36.92	54.00 -17.08 Average	0.00
3	11148.310	11.47	39.20	53.67	41.21	38.21	54.00 -15.79 Average	0.00
4	13365.320	12.21	39.77	54.03	41.22	39.17	54.00 -14.83 Average	0.00
5	15988.450	13.35	37.46	52.91	40.35	38.25	54.00 -15.75 Average	0.00
6	pp18000.000	14.49	43.20	51.50	35.91	42.10	54.00 -11.90 Average	0.00

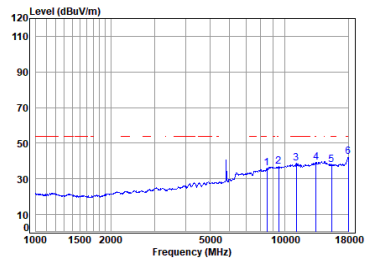
11a_TX_CH_165_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5825 TX RSE
: 5.86 Wi-Fi 11A

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
	MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7920.911	9.37	36.77	54.13	54.05	46.06	68.20 -22.14 Peak	0.00
2	9923.991	11.86	38.05	54.09	52.01	48.63	68.20 -19.57 Peak	0.00
3	11533.400	12.21	38.90	53.87	53.16	50.40	74.00 -23.60 Peak	0.00
4	pp13957.530	10.71	40.66	53.91	53.59	51.05	68.20 -17.15 Peak	0.00
5	16648.690	15.04	39.04	52.11	47.88	49.85	68.20 -18.35 Peak	0.00
6	18000.000	14.49	43.20	51.50	46.63	52.82	74.00 -21.18 Peak	0.00

11a_TX_CH_165_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5825 TX RSE
: 5.86 Wi-Fi 11A

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Aux
	MHz	Loss	Factor	Factor	Level	Line	Limit	Factor
	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	8489.882	9.47	37.14	54.05	43.51	36.07	54.00 -17.93 Average	0.00
2	9448.149	11.87	38.60	53.99	40.38	36.86	54.00 -17.14 Average	0.00
3	11148.310	11.47	39.20	53.67	41.56	38.56	54.00 -15.44 Average	0.00
4	13365.320	12.21	39.77	54.03	41.21	39.16	54.00 -14.84 Average	0.00
5	15443.410	13.24	39.00	53.17	39.02	38.09	54.00 -15.91 Average	0.00
6	pp18000.000	14.49	43.20	51.50	36.05	42.24	54.00 -11.76 Average	0.00



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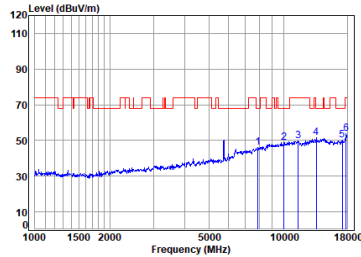
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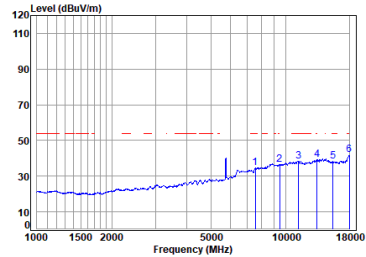
11ax_20M_TX_CH_149_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5745 TX RSE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7875.254	9.36	36.50	54.08	54.41	46.19	68.20	-22.01 Peak	0.00
2 10010.420	11.83	38.29	54.09	52.66	48.69	68.20	-19.51 Peak	0.00
3 11433.918	12.12	39.27	53.82	52.26	49.83	74.00	-24.17 Peak	0.00
4 pp13520.740	11.83	40.50	53.99	53.42	51.76	68.20	-16.44 Peak	0.00
5 17186.530	14.40	38.89	51.66	48.66	50.29	68.20	-17.91 Peak	0.00
6 17844.590	14.47	40.83	51.53	50.24	54.01	74.00	-19.99 Peak	0.00

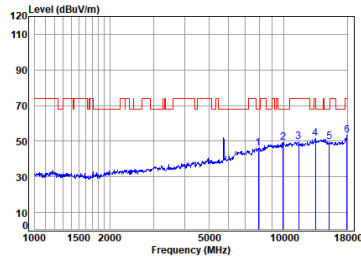
11ax_20M_TX_CH_149_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5745 TX RSE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7562.942	9.24	35.95	53.78	43.14	34.55	54.00	-19.45 Average	0.00
2 9448.149	11.87	38.60	53.99	40.19	36.67	54.00	-17.33 Average	0.00
3 11269.800	11.76	39.06	53.74	41.18	38.26	54.00	-15.74 Average	0.00
4 13365.320	12.21	39.77	54.03	41.25	39.28	54.00	-14.80 Average	0.00
5 15488.110	13.33	39.00	53.15	38.93	38.11	54.00	-15.89 Average	0.00
6 pp18000.000	14.49	43.20	51.50	35.85	42.04	54.00	-11.96 Average	0.00

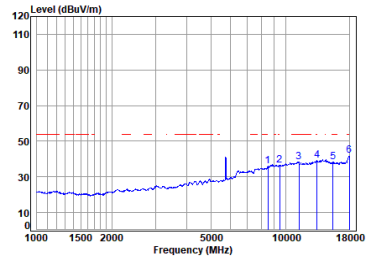
11ax_20M_TX_CH_149_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5745 TX RSE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7920.911	9.37	36.77	54.13	54.13	46.14	68.20	-22.06 Peak	0.00
2 9952.717	11.85	38.77	54.09	52.73	49.26	68.20	-18.94 Peak	0.00
3 11500.200	12.16	39.20	53.86	52.21	49.81	74.00	-24.19 Peak	0.00
4 pp13404.610	12.11	39.82	54.02	53.45	51.36	68.20	-16.84 Peak	0.00
5 15265.880	12.88	39.10	53.26	50.94	49.66	68.20	-18.54 Peak	0.00
6 17948.050	14.48	42.37	51.51	47.86	53.20	74.00	-20.80 Peak	0.00

11ax_20M_TX_CH_149_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5745 TX RSE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.27	35.83	54.00	-18.17 Average	0.00
2 9448.149	11.87	38.60	53.99	40.14	36.62	54.00	-17.38 Average	0.00
3 11302.400	11.83	39.01	53.76	41.22	38.30	54.00	-15.70 Average	0.00
4 13365.320	12.21	39.77	54.03	41.31	39.26	54.00	-14.74 Average	0.00
5 15488.110	13.33	39.00	53.15	39.01	38.19	54.00	-15.81 Average	0.00
6 pp18000.000	14.49	43.20	51.50	35.76	41.95	54.00	-12.05 Average	0.00



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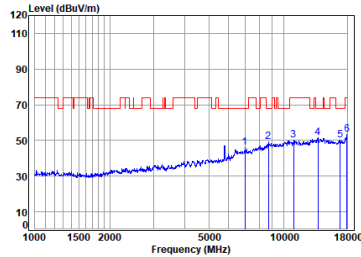
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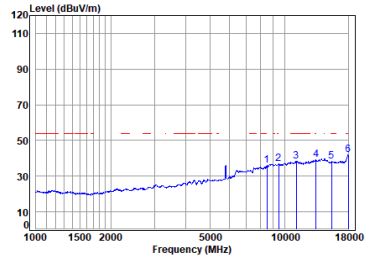
11ax_20M_TX_CH_157_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5785 TX RSE
: 5.86 Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 6974.982	8.56	36.05	53.20	54.89	46.30	68.20	-21.90 Peak	0.00
2 8688.480	10.08	38.34	53.99	54.69	49.12	68.20	-19.08 Peak	0.00
3 10948.708	11.19	38.44	53.62	54.07	50.08	74.00	-23.92 Peak	0.00
4 pp13717.560	11.32	40.68	53.96	53.52	51.56	68.20	-16.64 Peak	0.00
5 16891.040	14.58	38.62	51.83	48.84	50.21	68.20	-17.99 Peak	0.00
6 17948.050	14.48	42.37	51.51	47.96	53.30	74.00	-20.70 Peak	0.00

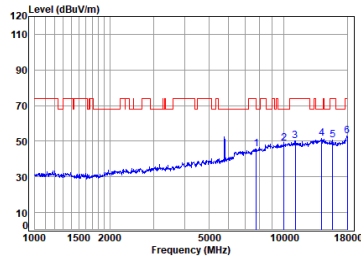
11ax_20M_TX_CH_157_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5785 TX RSE
: 5.86 Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.28	35.84	54.00	-18.16 Average	0.00
2 9448.149	11.87	38.60	53.99	40.26	36.74	54.00	-17.26 Average	0.00
3 11140.310	11.47	39.20	53.67	41.41	38.41	54.00	-15.59 Average	0.00
4 13365.320	12.21	39.77	54.03	41.52	39.47	54.00	-14.53 Average	0.00
5 15443.410	13.24	39.00	53.17	39.18	38.25	54.00	-15.75 Average	0.00
6 pp18000.000	14.49	43.20	51.50	35.72	41.91	54.00	-12.09 Average	0.00

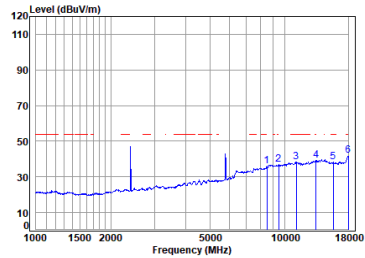
11ax_20M_TX_CH_157_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5785 TX RSE
: 5.86 Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7762.260	9.32	36.32	53.97	54.09	45.76	68.20	-22.44 Peak	0.00
2 10010.420	11.83	38.29	54.09	52.57	48.60	68.20	-19.60 Peak	0.00
3 11140.310	11.47	39.20	53.67	53.04	50.04	74.00	-23.96 Peak	0.00
4 pp14242.000	10.85	40.73	53.78	53.93	51.73	68.20	-16.47 Peak	0.00
5 15759.050	13.35	38.64	53.82	51.83	50.80	74.00	-23.20 Peak	0.00
6 18000.000	14.49	43.20	51.50	46.52	52.71	74.00	-21.29 Peak	0.00

11ax_20M_TX_CH_157_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5785 TX RSE
: 5.86 Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.48	36.04	54.00	-17.96 Average	0.00
2 9448.149	11.87	38.60	53.99	40.33	36.81	54.00	-17.19 Average	0.00
3 11140.310	11.47	39.20	53.67	41.20	38.20	54.00	-15.80 Average	0.00
4 13365.320	12.21	39.77	54.03	41.46	39.41	54.00	-14.59 Average	0.00
5 15668.210	13.35	38.83	53.06	39.04	38.16	54.00	-15.84 Average	0.00
6 pp18000.000	14.49	43.20	51.50	35.93	42.12	54.00	-11.88 Average	0.00



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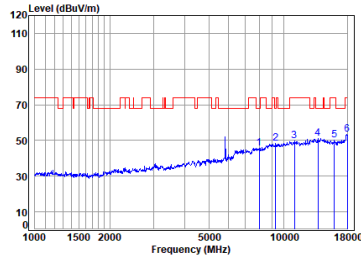
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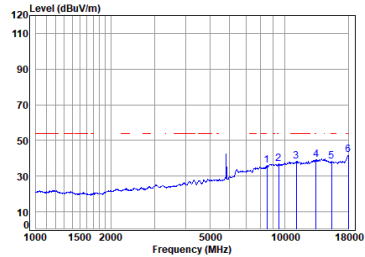
11ax_20M_TX_CH_165_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5825 TX RSE
: 5.86 Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7989.893	9.40	36.92	54.19	53.57	45.70	68.20	-22.50 Peak	0.00
2 9285.710	11.58	38.71	53.96	52.16	48.49	68.20	-19.71 Peak	0.00
3 11044.130	11.25	38.98	53.62	53.14	49.75	74.00	-24.25 Peak	0.00
4 pp13717.560	11.32	40.68	53.96	52.97	51.01	68.20	-17.19 Peak	0.00
5 15988.450	13.35	37.46	52.91	52.21	50.11	74.00	-23.89 Peak	0.00
6 18000.000	14.49	43.20	51.50	47.22	53.41	74.00	-20.59 Peak	0.00

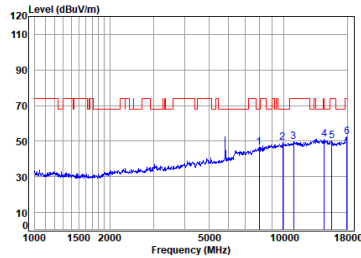
11ax_20M_TX_CH_165_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5825 TX RSE
: 5.86 Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.27	35.83	54.00	-18.17 Average	0.00
2 9448.149	11.87	38.60	53.99	40.64	37.12	54.00	-16.88 Average	0.00
3 11148.310	11.47	39.20	53.67	41.28	38.28	54.00	-15.72 Average	0.00
4 13365.320	12.21	39.77	54.03	41.48	39.43	54.00	-14.57 Average	0.00
5 15443.410	13.24	39.00	53.17	39.17	38.24	54.00	-15.76 Average	0.00
6 pp18000.000	14.49	43.20	51.50	35.73	41.92	54.00	-12.08 Average	0.00

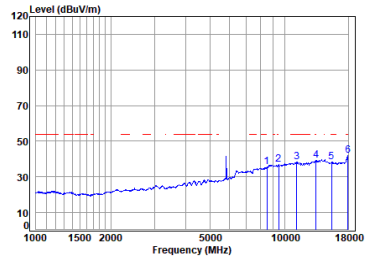
11ax_20M_TX_CH_165_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5825 TX RSE
: 5.86 Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 7989.893	9.40	36.92	54.19	54.54	46.67	68.20	-21.53 Peak	0.00
2 9895.349	11.86	38.87	54.00	52.44	49.09	68.20	-19.11 Peak	0.00
3 10948.700	11.19	38.44	53.62	53.70	49.71	74.00	-24.29 Peak	0.00
4 pp14575.970	11.31	40.21	53.61	53.24	51.15	68.20	-17.05 Peak	0.00
5 15622.990	13.35	39.01	53.08	51.14	50.42	74.00	-23.58 Peak	0.00
6 17948.050	14.48	42.37	51.51	47.31	52.65	74.00	-21.35 Peak	0.00

11ax_20M_TX_CH_165_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5825 TX RSE
: 5.86 Wi-Fi 11AX20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 8489.882	9.47	37.14	54.05	43.08	35.64	54.00	-18.36 Average	0.00
2 9448.149	11.87	38.60	53.99	40.42	36.90	54.00	-17.10 Average	0.00
3 11172.560	11.54	39.20	53.69	41.36	38.41	54.00	-15.59 Average	0.00
4 13365.320	12.21	39.77	54.03	41.32	39.27	54.00	-14.73 Average	0.00
5 15443.410	13.24	39.00	53.17	39.18	38.25	54.00	-15.75 Average	0.00
6 pp17948.050	14.48	42.37	51.51	36.70	42.04	54.00	-11.96 Average	0.00



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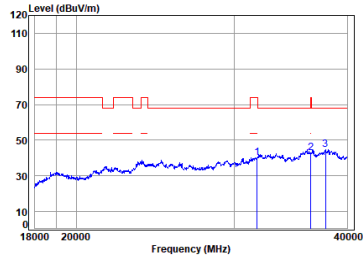
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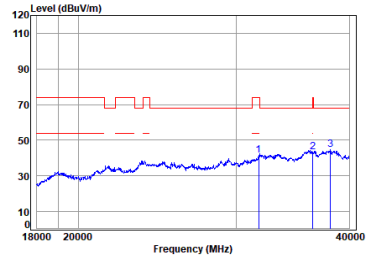
11a_TX_CH_036_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5180 TX RSE
: 56 Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31782.290	11.18	40.24	44.89	43.27	40.26	74.00	-33.74	Peak	-9.54
2	36461.340	12.68	42.45	47.54	44.74	42.79	74.00	-31.21	Peak	-9.54
3	pp37855.730	12.83	42.44	46.78	45.78	44.73	68.20	-23.47	Peak	-9.54

11a_TX_CH_036_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5180 TX RSE
: 56 Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	31731.570	11.18	40.21	44.89	44.54	41.50	74.00	-32.50	Peak	-9.54
2	36432.240	12.67	42.42	47.56	45.15	43.14	74.00	-30.86	Peak	-9.54
3	pp38128.770	12.75	42.45	46.78	45.69	44.57	68.20	-23.63	Peak	-9.54



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7.4 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+Cor.1-2023 Section 6.10.5 & 12.7.2
 Measurement Distance: 3m
 Test Engineer: Mihawk Li

Limit:

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

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

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

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

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

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

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



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7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 22.8 °C

Humidity: 60.2 % RH

Atmospheric Pressure: 1000 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	14	Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	15	Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	16	Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	17	Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

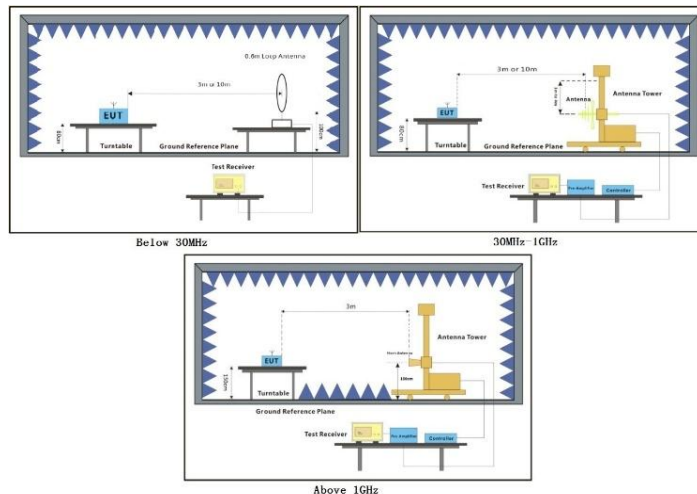


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7.4.3 Test Setup Diagram



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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 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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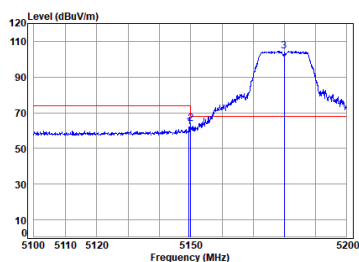
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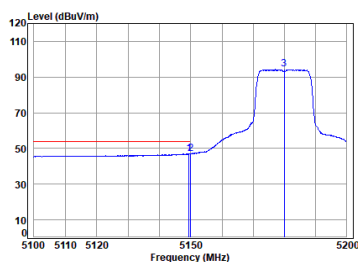
11a_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5180 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5149.458	8.42	32.90	32.86	53.40	61.86	74.00	-12.14	Peak		0.00
2	5149.980	8.42	32.90	32.86	55.38	63.84	74.00	-10.16	Peak		0.00
3 pp	5180.000	8.44	33.20	32.87	95.90	104.67	68.20	36.47	Peak		0.00

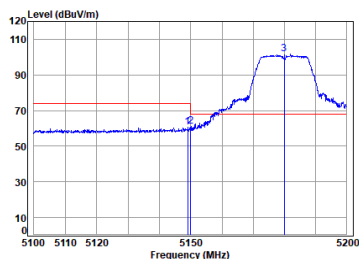
11a_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5180 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5149.458	8.42	32.90	32.86	38.61	47.07	54.00	-6.93	Average		0.00
2 pp	5149.980	8.42	32.90	32.86	38.67	47.13	54.00	-6.87	Average		0.00
3	5180.000	8.44	33.20	32.87	85.47	94.24	-----	-----	Average		0.00

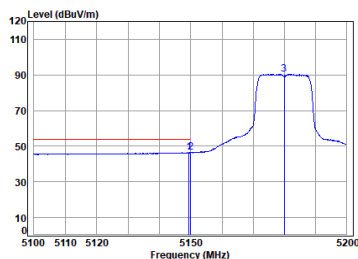
11a_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5180 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5149.057	8.42	32.91	32.86	52.14	60.61	74.00	-13.39	Peak		0.00
2	5149.980	8.42	32.90	32.86	52.91	61.37	74.00	-12.63	Peak		0.00
3 pp	5180.000	8.44	33.20	32.87	92.83	101.60	68.20	33.40	Peak		0.00

11a_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5180 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5149.357	8.42	32.90	32.86	37.93	46.39	54.00	-7.61	Average		0.00
2 pp	5149.980	8.42	32.90	32.86	38.01	46.47	54.00	-7.53	Average		0.00
3	5180.000	8.44	33.20	32.87	81.54	90.31	-----	-----	Average		0.00

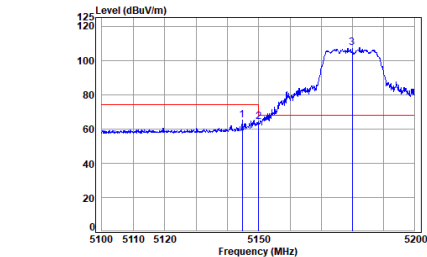
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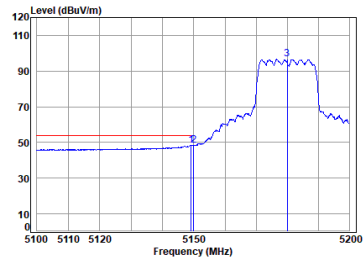
11ac_HT(20M)_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5180 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5144.660	8.42	32.93	32.86	56.57	65.06	74.00	-8.94	Peak	0.00
2	5149.980	8.42	32.90	32.86	55.62	64.08	74.00	-9.92	Peak	0.00
3 pp	5180.000	8.44	33.20	32.87	98.80	107.57	68.20	39.37	Peak	0.00

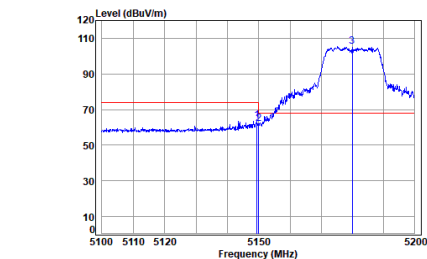
11ac_HT(20M)_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5180 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 pp	5149.157	8.42	32.91	32.86	40.07	48.54	54.00	-5.46	Average	0.00
2	5149.980	8.42	32.90	32.86	40.06	48.52	54.00	-5.48	Average	0.00
3	5180.000	8.44	33.20	32.87	87.76	96.53	-----	-----	Average	0.00

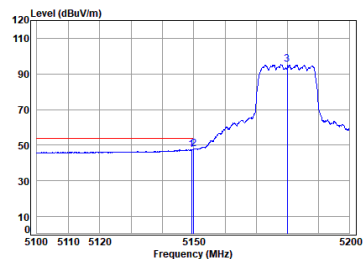
11ac_HT(20M)_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5180 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5149.357	8.42	32.90	32.86	55.52	63.98	74.00	-10.02	Peak	0.00
2	5149.980	8.42	32.90	32.86	53.68	62.14	74.00	-11.86	Peak	0.00
3 pp	5180.000	8.44	33.20	32.87	96.52	105.29	68.20	37.09	Peak	0.00

11ac_HT(20M)_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5180 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5149.257	8.42	32.90	32.86	39.12	47.58	54.00	-6.42	Average	0.00
2 pp	5149.980	8.42	32.90	32.86	39.55	48.01	54.00	-5.99	Average	0.00
3	5180.000	8.44	33.20	32.87	86.47	95.24	-----	-----	Average	0.00



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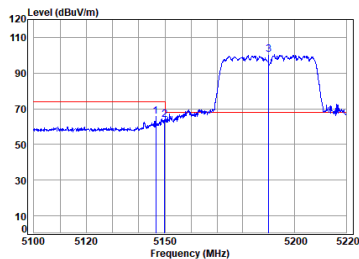
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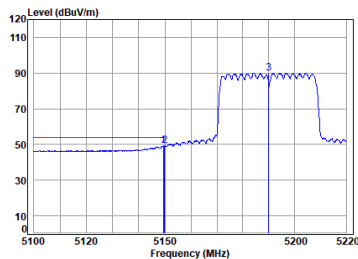
11ac_HT(40M)_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5190 Band edge
: 5G NR-F1 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5146.468	8.42	32.92	32.86	57.00	65.48	74.00	-8.52 Peak	0.00
2	5149.980	8.42	32.90	32.86	55.59	64.05	74.00	-9.95 Peak	0.00
3	5190.000	8.44	33.30	32.88	91.51	100.37	68.20	32.17 Peak	0.00

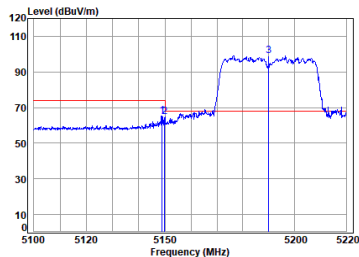
11ac_HT(40M)_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5190 Band edge
: 5G NR-F1 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5149.461	8.42	32.90	32.86	40.70	49.16	54.00	-4.84 Average	0.00
2	5149.980	8.42	32.90	32.86	40.92	49.38	54.00	-4.62 Average	0.00
3	5190.000	8.44	33.30	32.88	81.21	90.07	68.20	Average	0.00

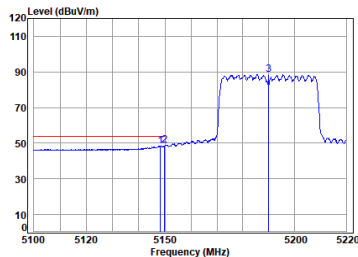
11ac_HT(40M)_TX_CH_38_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5190 Band edge
: 5G NR-F1 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5148.982	8.42	32.91	32.86	56.84	65.31	74.00	-8.69 Peak	0.00
2	5149.980	8.42	32.90	32.86	56.55	65.01	74.00	-8.99 Peak	0.00
3	5190.000	8.44	33.30	32.88	90.21	99.07	68.20	30.87 Peak	0.00

11ac_HT(40M)_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5190 Band edge
: 5G NR-F1 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5148.264	8.42	32.91	32.86	40.06	48.53	54.00	-5.47 Average	0.00
2	5149.980	8.42	32.90	32.86	40.48	48.94	54.00	-5.06 Average	0.00
3	5190.000	8.44	33.30	32.88	79.74	88.60	68.20	Average	0.00

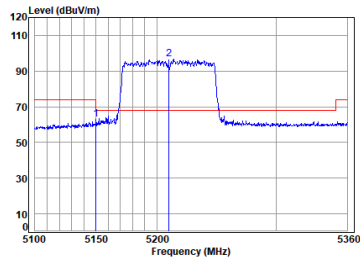
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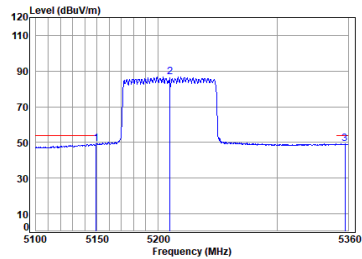
11ac_VHT(80M)_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5210 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5149.947	8.42	32.90	32.86	54.28	62.74	74.00	-11.26	Peak	0.00
2	5210.000	8.45	33.26	32.89	87.71	96.53	68.20	28.33	Peak	0.00
3	5360.000	8.53	32.58	32.95	53.42	61.58	74.00	-12.42	Peak	0.00

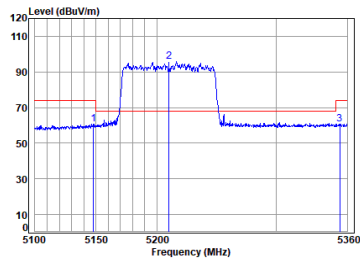
11ac_VHT(80M)_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5210 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5149.178	8.42	32.90	32.86	41.01	49.47	54.00	-4.53	Average	0.00
2	5210.000	8.45	33.26	32.89	77.73	86.55	68.20	18.35	Average	0.00
3	5357.335	8.52	32.56	32.94	41.04	49.18	54.00	-4.82	Average	0.00

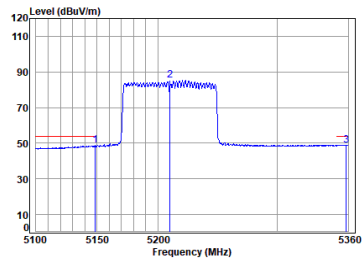
11ac_VHT(80M)_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5210 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5147.898	8.42	32.91	32.86	52.20	60.67	74.00	-13.33	Peak	0.00
2	5210.000	8.45	33.26	32.89	87.71	96.03	68.20	27.83	Peak	0.00
3	5353.874	8.52	32.53	32.94	52.71	60.82	74.00	-13.18	Peak	0.00

11ac_VHT(80M)_TX_CH_42_Verizional-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5210 Band edge
: 5G Wi-Fi 11AC80

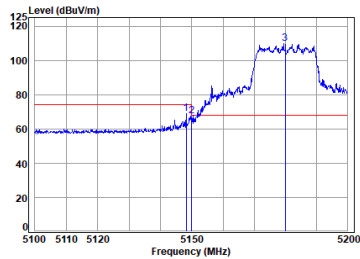
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	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5148.410	8.42	32.91	32.86	40.25	48.72	54.00	-5.28	Average	0.00
2	5210.000	8.45	33.26	32.89	76.57	85.39	68.20	17.19	Average	0.00
3	5358.401	8.52	32.57	32.95	40.88	49.02	54.00	-4.98	Average	0.00



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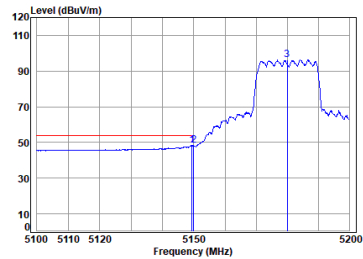
11ax_20M_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5180 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5148.257	8.42	32.91	32.86	60.35	68.82	74.00	-5.18 Peak	0.00
2	5149.980	8.42	32.90	32.86	58.86	67.32	74.00	-6.68 Peak	0.00
3 pp	5180.000	8.44	33.20	32.87	101.15	109.92	68.20	41.72 Peak	0.00

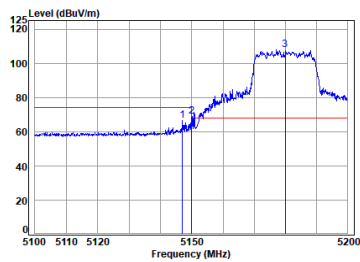
11ax_20M_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5180 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 pp	5149.458	8.42	32.90	32.86	39.78	48.24	54.00	-5.76 Average	0.00
2	5149.980	8.42	32.90	32.86	39.75	48.21	54.00	-5.79 Average	0.00
3	5180.000	8.44	33.20	32.87	87.49	96.26	-----	----- Average	0.00

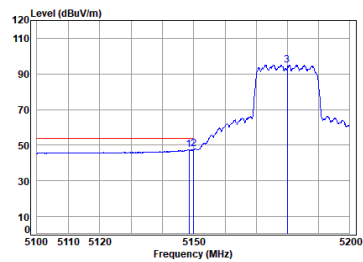
11ax_20M_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5180 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5147.058	8.42	32.92	32.86	58.04	66.52	74.00	-7.48 Peak	0.00
2	5149.980	8.42	32.90	32.86	60.38	68.84	74.00	-5.16 Peak	0.00
3 pp	5180.000	8.44	33.20	32.87	99.18	107.95	68.20	39.75 Peak	0.00

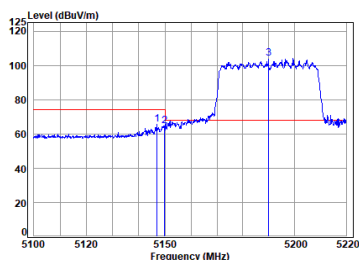
11ax_20M_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5180 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5148.458	8.42	32.91	32.86	38.94	47.41	54.00	-6.59 Average	0.00
2 pp	5149.980	8.42	32.90	32.86	39.33	47.79	54.00	-6.21 Average	0.00
3	5180.000	8.44	33.20	32.87	86.33	95.10	-----	----- Average	0.00

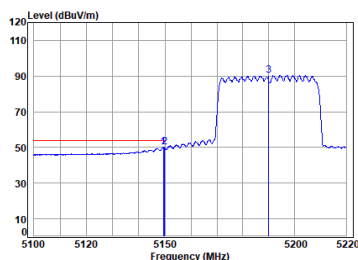
11ax_40M_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5190 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5146.947	8.42	32.92	32.86	57.25	65.73	74.00	-8.27	Peak	0.00
2	5149.980	8.42	32.90	32.86	56.35	64.81	74.00	-9.19	Peak	0.00
3	5190.000	8.44	33.30	32.88	95.07	103.93	68.20	35.73	Peak	0.00

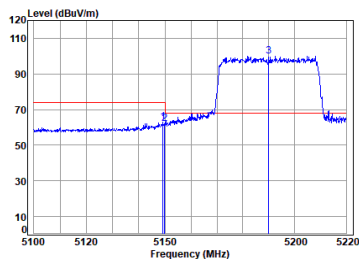
11ax_40M_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5190 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5149.461	8.42	32.90	32.86	41.53	49.99	54.00	-4.01	Average	0.00
2	5149.980	8.42	32.90	32.86	41.58	50.04	54.00	-3.96	Average	0.00
3	5190.000	8.44	33.30	32.88	81.53	90.39	-----	-----	Average	0.00

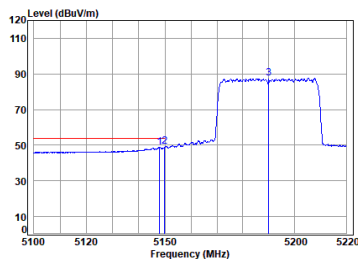
11ax_40M_TX_CH_38_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5190 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5149.222	8.42	32.90	32.86	54.41	62.87	74.00	-11.13	Peak	0.00
2	5149.980	8.42	32.90	32.86	53.61	62.07	74.00	-11.93	Peak	0.00
3	5190.000	8.44	33.30	32.88	91.14	100.00	68.20	31.80	Peak	0.00

11ax_40M_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5190 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5147.905	8.42	32.91	32.86	40.28	48.75	54.00	-5.25	Average	0.00
2	5149.980	8.42	32.90	32.86	40.98	49.44	54.00	-4.56	Average	0.00
3	5190.000	8.44	33.30	32.88	78.81	87.67	-----	-----	Average	0.00

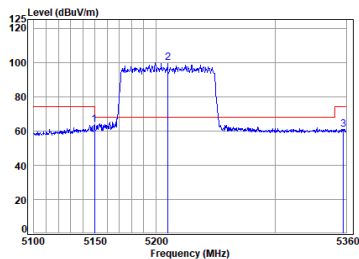
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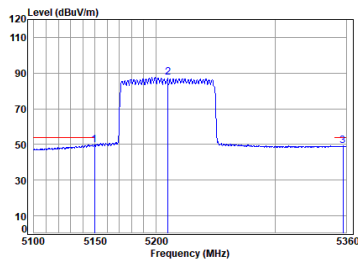
11ax_80M_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5210 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5149.435	8.42	32.90	32.86	55.12	63.58	74.00	-10.42	Peak	0.00
2	5210.000	8.45	33.26	32.89	90.76	99.58	68.20	31.38	Peak	0.00
3	5357.602	8.52	32.56	32.94	52.84	60.98	74.00	-13.02	Peak	0.00

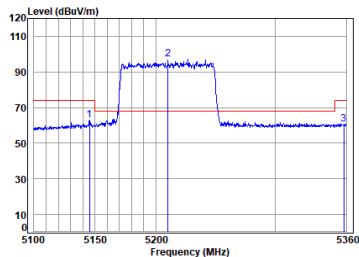
11ax_80M_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5210 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5149.435	8.42	32.90	32.86	41.49	49.95	54.00	-4.05	Average	0.00
2	5210.000	8.45	33.26	32.89	78.73	87.55	54.00	-4.79	Average	0.00
3	5357.335	8.52	32.56	32.94	41.07	49.21	54.00	-4.79	Average	0.00

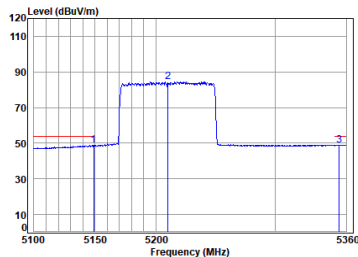
11ax_80M_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5210 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5145.339	8.42	32.93	32.86	54.52	63.01	74.00	-10.99	Peak	0.00
2	5210.000	8.45	33.26	32.89	88.18	97.00	68.20	28.80	Peak	0.00
3	5357.868	8.52	32.56	32.95	52.65	60.78	74.00	-13.22	Peak	0.00

11ax_80M_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5210 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5148.922	8.42	32.91	32.86	40.27	48.74	54.00	-5.26	Average	0.00
2	5210.000	8.45	33.26	32.89	75.76	84.58	54.00	-4.79	Average	0.00
3	5354.140	8.52	32.53	32.94	40.93	49.04	54.00	-4.96	Average	0.00

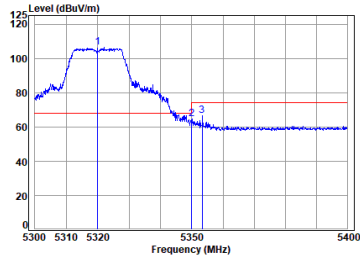
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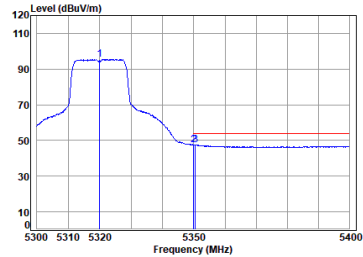
11a_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5320 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	pp 5320.000	8.51	32.62	32.93	98.34	106.54	68.20	38.34	Peak	0.00	
2	5350.020	8.52	32.50	32.94	56.61	64.69	74.00	-9.31	Peak	0.00	
3	5353.368	8.52	32.53	32.94	58.22	66.33	74.00	-7.67	Peak	0.00	

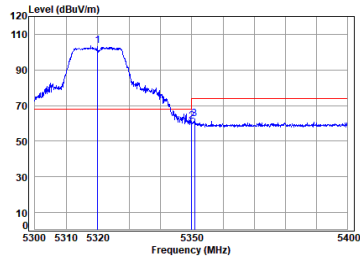
11a_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5320 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5320.000	8.51	32.62	32.93	87.22	95.42	-----	-----	Average	0.00	
2	pp 5350.020	8.52	32.50	32.94	39.45	47.53	54.00	-6.47	Average	0.00	
3	5350.566	8.52	32.50	32.94	39.37	47.45	54.00	-6.55	Average	0.00	

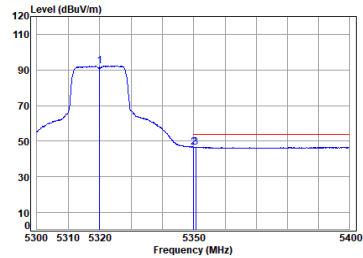
11a_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5320 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	pp 5320.000	8.51	32.62	32.93	95.42	103.62	68.20	35.42	Peak	0.00	
2	5350.020	8.52	32.50	32.94	52.93	61.01	74.00	-12.99	Peak	0.00	
3	5350.866	8.52	32.51	32.94	54.33	62.42	74.00	-11.58	Peak	0.00	

11a_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5320 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5320.000	8.51	32.62	32.93	84.07	92.27	-----	-----	Average	0.00	
2	pp 5350.020	8.52	32.50	32.94	38.67	46.75	54.00	-7.25	Average	0.00	
3	5350.667	8.52	32.51	32.94	38.57	46.66	54.00	-7.34	Average	0.00	



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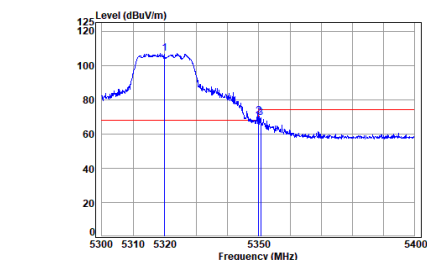
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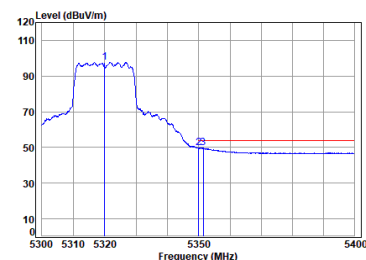
11ac_HT(20M)_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5320 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	pp 5320.000	8.51	32.62	32.93	98.60	106.80	68.20	38.60	Peak	0.00
2	5350.020	8.52	32.50	32.94	62.34	70.42	74.00	-3.58	Peak	0.00
3	5350.667	8.52	32.51	32.94	61.07	69.16	74.00	-4.84	Peak	0.00

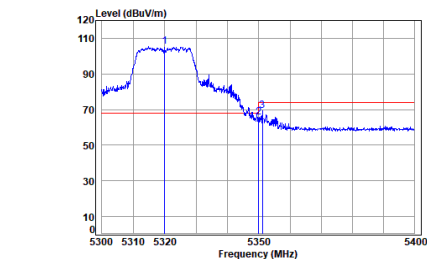
11ac_HT(20M)_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5320 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5320.000	8.51	32.62	32.93	89.46	97.66	-----	-----	Average	0.00
2	5350.020	8.52	32.50	32.94	41.75	49.83	54.00	-4.17	Average	0.00
3	pp 5351.467	8.52	32.51	32.94	41.75	49.84	54.00	-4.16	Average	0.00

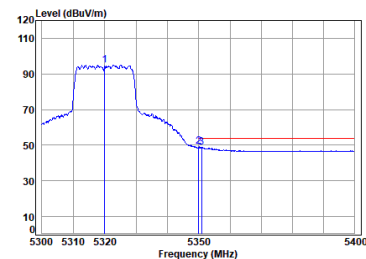
11ac_HT(20M)_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5320 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	pp 5320.000	8.51	32.62	32.93	97.32	105.52	68.20	37.32	Peak	0.00
2	5350.020	8.52	32.50	32.94	57.61	65.69	74.00	-8.31	Peak	0.00
3	5351.167	8.52	32.51	32.94	61.05	69.14	74.00	-4.86	Peak	0.00

11ac_HT(20M)_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5320 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5320.000	8.51	32.62	32.93	86.91	95.11	-----	-----	Average	0.00
2	pp 5350.020	8.52	32.50	32.94	41.03	49.11	54.00	-4.89	Average	0.00
3	5350.866	8.52	32.51	32.94	40.59	48.68	54.00	-5.32	Average	0.00



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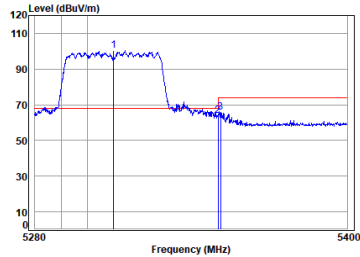
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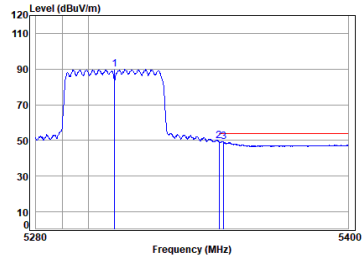
11ac_HT(40M)_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5310 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	pp 5310.000	8.50	32.66	32.93	91.99	100.22	68.20	32.02	Peak	0.00
2	5350.020	8.52	32.50	32.94	55.90	63.98	74.00	-10.02	Peak	0.00
3	5351.075	8.52	32.51	32.94	57.82	65.91	74.00	-8.09	Peak	0.00

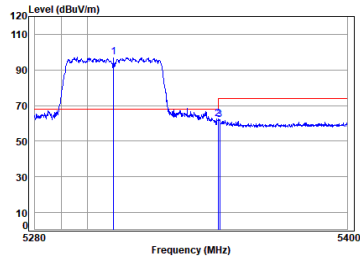
11ac_HT(40M)_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5310 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5310.000	8.50	32.66	32.93	81.53	89.76	-----	Average	0.00	0.00
2	pp 5350.020	8.52	32.50	32.94	41.71	49.79	54.00	-4.21	Average	0.00
3	5351.796	8.52	32.51	32.94	41.20	49.29	54.00	-4.71	Average	0.00

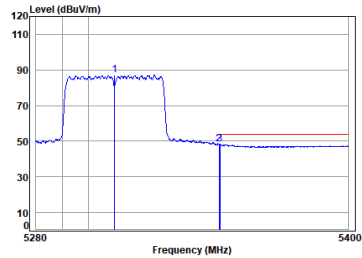
11ac_HT(40M)_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5310 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	pp 5310.000	8.50	32.66	32.93	88.92	97.15	68.20	28.95	Peak	0.00
2	5350.020	8.52	32.50	32.94	54.54	62.62	74.00	-11.38	Peak	0.00
3	5350.714	8.52	32.51	32.94	54.07	62.16	74.00	-11.84	Peak	0.00

11ac_HT(40M)_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5310 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5310.000	8.50	32.66	32.93	78.86	87.09	-----	Average	0.00	0.00
2	pp 5350.020	8.52	32.50	32.94	40.51	48.59	54.00	-5.41	Average	0.00
3	5350.474	8.52	32.50	32.94	40.12	48.20	54.00	-5.80	Average	0.00



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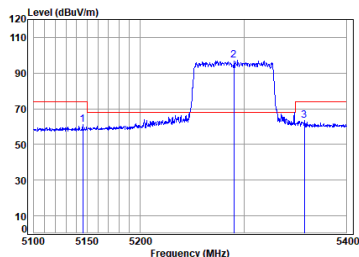
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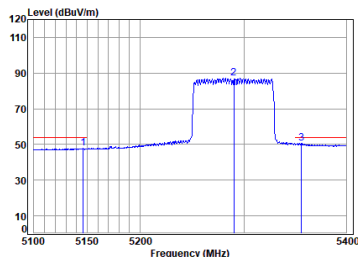
11ac_VHT(80M)_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5290 Band edge
: 5G Wi-Fi 11AC80

Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 5145.973	8.42	32.92	32.86	52.46	60.94	74.00	-13.06	Peak	0.00
2 5290.000	8.49	32.70	32.92	88.78	97.05	68.20	28.85	Peak	0.00
3 5358.798	8.52	32.57	32.95	55.42	63.56	74.00	-10.44	Peak	0.00

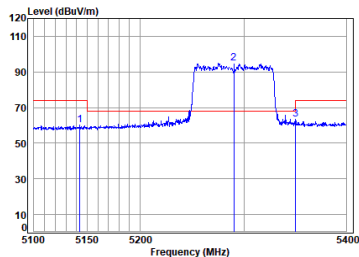
11ac_VHT(80M)_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5290 Band edge
: 5G Wi-Fi 11AC80

Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 5146.267	8.42	32.92	32.86	39.31	47.79	54.00	-6.21	Average	0.00
2 5290.000	8.49	32.70	32.92	78.96	87.23	68.20	19.03	Average	0.00
3 pp 5358.042	8.52	32.55	32.94	42.43	50.56	54.00	-3.44	Average	0.00

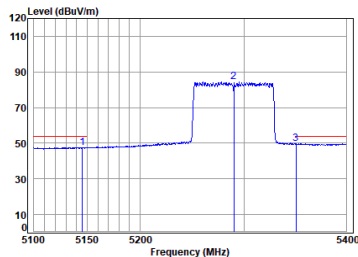
11ac_VHT(80M)_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5290 Band edge
: 5G Wi-Fi 11AC80

Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 5145.032	8.42	32.94	32.86	51.52	60.02	74.00	-13.98	Peak	0.00
2 5290.000	8.49	32.70	32.92	86.45	94.72	68.20	26.52	Peak	0.00
3 5358.229	8.52	32.50	32.94	55.19	63.27	74.00	-10.73	Peak	0.00

11ac_VHT(80M)_TX_CH_58_Verizional-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5290 Band edge
: 5G Wi-Fi 11AC80

Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 5145.384	8.42	32.93	32.86	39.15	47.64	54.00	-6.36	Average	0.00
2 5290.000	8.49	32.70	32.92	76.01	84.28	68.20	16.08	Average	0.00
3 pp 5358.535	8.52	32.50	32.94	41.74	49.82	54.00	-4.18	Average	0.00

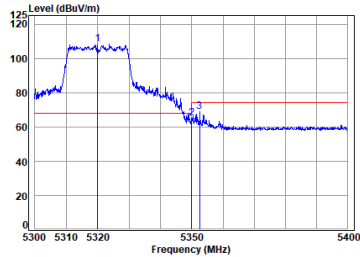
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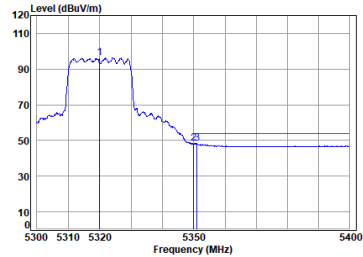
11ax_20M_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5320 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	pp 5320.000	8.51	32.62	32.93	100.06	108.28	68.20	40.08	Peak	0.00	
2	5350.020	8.52	32.50	32.94	57.04	65.12	74.00	-8.88	Peak	0.00	
3	5352.567	8.52	32.52	32.94	60.63	68.73	74.00	-5.27	Peak	0.00	

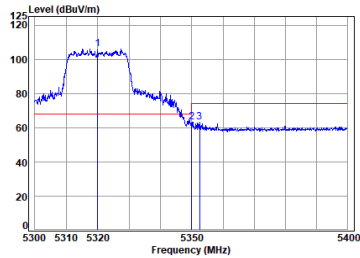
11ax_20M_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5320 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5320.000	8.51	32.62	32.93	87.94	96.14	-----	-----	Average	0.00	
2	5350.020	8.52	32.50	32.94	40.11	48.19	54.00	-5.81	Average	0.00	
3	pp 5351.066	8.52	32.51	32.94	40.11	48.20	54.00	-5.80	Average	0.00	

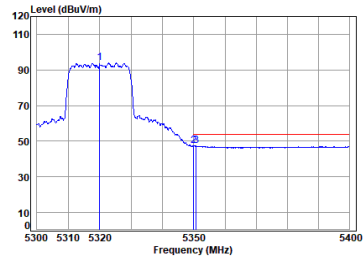
11ax_20M_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5320 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	pp 5320.000	8.51	32.62	32.93	97.95	106.15	68.20	37.95	Peak	0.00	
2	5350.020	8.52	32.50	32.94	55.11	63.19	74.00	-10.81	Peak	0.00	
3	5352.467	8.52	32.52	32.94	55.13	63.23	74.00	-10.77	Peak	0.00	

11ax_20M_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5320 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5320.000	8.51	32.62	32.93	85.78	93.98	-----	-----	Average	0.00	
2	pp 5350.020	8.52	32.50	32.94	39.25	47.33	54.00	-6.67	Average	0.00	
3	5350.767	8.52	32.51	32.94	39.23	47.32	54.00	-6.68	Average	0.00	

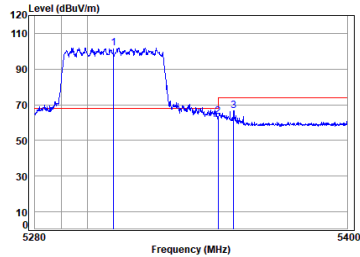
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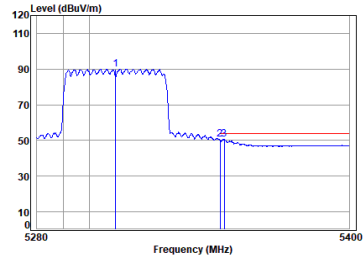
11ax_40M_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5310 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	pp 5310.000	8.50	32.66	32.93	93.68	101.91	68.20	33.71	Peak	0.00	
2	5350.020	8.52	32.50	32.94	55.33	63.41	74.00	-10.59	Peak	0.00	
3	5356.128	8.52	32.55	32.94	58.65	66.78	74.00	-7.22	Peak	0.00	

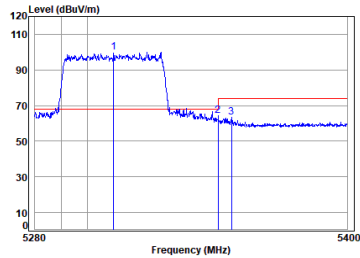
11ax_40M_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5310 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5310.000	8.50	32.66	32.93	81.78	90.01	-----	-----	Average	0.00	
2	5350.020	8.52	32.50	32.94	42.35	50.43	54.00	-3.57	Average	0.00	
3	pp 5351.676	8.52	32.51	32.94	42.56	50.65	54.00	-3.35	Average	0.00	

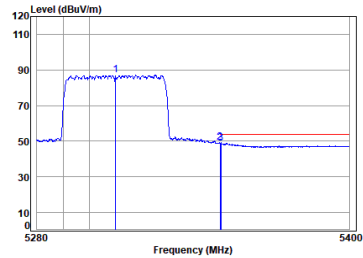
11ax_40M_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5310 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	pp 5310.000	8.50	32.66	32.93	91.65	99.88	68.20	31.68	Peak	0.00	
2	5350.020	8.52	32.50	32.94	56.35	64.43	74.00	-9.57	Peak	0.00	
3	5356.165	8.52	32.54	32.94	55.41	63.53	74.00	-10.47	Peak	0.00	

11ax_40M_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5310 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5310.000	8.50	32.66	32.93	78.78	87.01	-----	-----	Average	0.00	
2	pp 5350.020	8.52	32.50	32.94	41.02	49.10	54.00	-4.90	Average	0.00	
3	5350.474	8.52	32.50	32.94	40.94	49.02	54.00	-4.98	Average	0.00	



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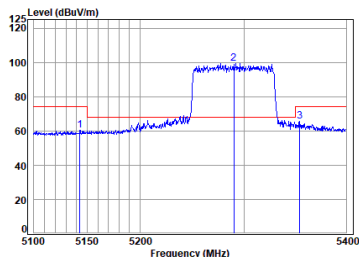
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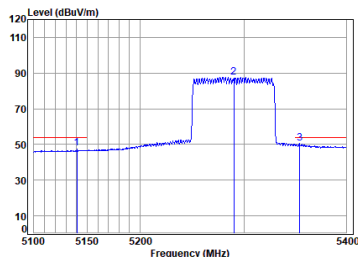
11ax_80M_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5290 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5143.032	8.42	32.94	32.86	51.88	60.38	74.00	-13.62	Peak		0.00
2	5290.000	8.49	32.70	32.92	91.26	99.53	68.20	31.33	Peak		0.00
3	5354.206	8.52	32.53	32.94	57.61	65.72	74.00	-8.28	Peak		0.00

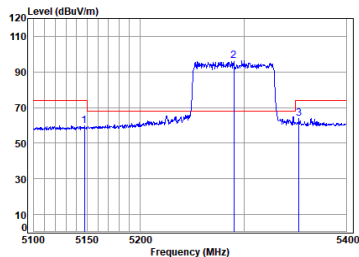
11ax_80M_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5290 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5143.032	8.42	32.96	32.86	39.25	47.77	54.00	-6.23	Average		0.00
2	5290.000	8.49	32.70	32.92	79.37	87.64	54.00	-3.26	Average		0.00
3	5354.206	8.52	32.53	32.94	42.63	50.74	54.00	-3.26	Average		0.00

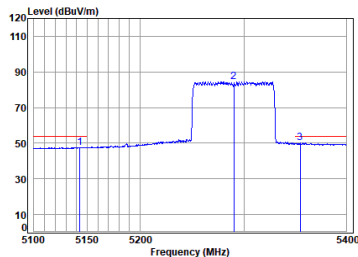
11ax_80M_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5290 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5143.032	8.42	32.92	32.86	51.38	59.86	74.00	-14.14	Peak		0.00
2	5290.000	8.49	32.70	32.92	87.93	96.20	68.20	28.00	Peak		0.00
3	5354.206	8.52	32.53	32.94	55.72	63.83	74.00	-10.17	Peak		0.00

11ax_80M_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5290 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5143.032	8.42	32.94	32.86	39.17	47.67	54.00	-6.33	Average		0.00
2	5290.000	8.49	32.70	32.92	76.23	84.50	54.00	-3.50	Average		0.00
3	5354.206	8.52	32.54	32.94	41.96	50.08	54.00	-3.92	Average		0.00



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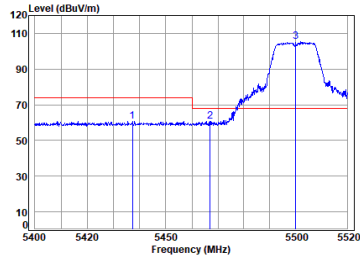
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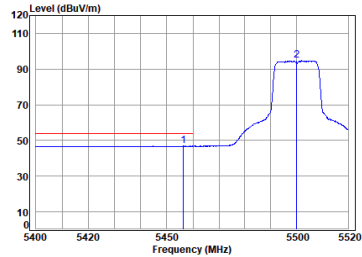
11a_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 Band edge
: 5G NR-F1 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5437.157	8.56	32.97	32.98		52.31	60.86	74.00	-13.14 Peak	0.00
2	5466.995	8.57	32.86	32.99		52.44	60.88	68.20	-7.32 Peak	0.00
3 pp	5500.000	8.59	32.60	33.00		97.40	105.59	68.20	37.39 Peak	0.00

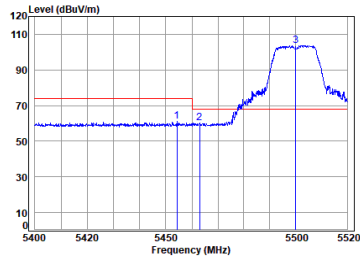
11a_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 Band edge
: 5G NR-F1 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 pp	5456.431	8.57	32.95	32.98		38.36	46.90	54.00	-7.10 Average	0.00
2	5500.000	8.59	32.60	33.00		86.51	94.70	-----	Average	0.00

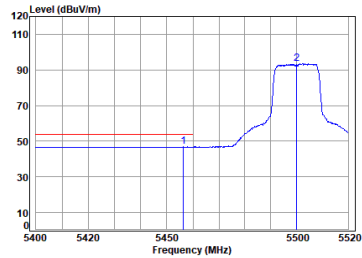
11a_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 Band edge
: 5G NR-F1 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5454.273	8.57	32.97	32.98		52.61	61.17	74.00	-12.83 Peak	0.00
2	5463.031	8.57	32.90	32.99		51.81	60.29	68.20	-7.91 Peak	0.00
3 pp	5500.000	8.59	32.60	33.00		95.55	103.74	68.20	35.54 Peak	0.00

11a_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 Band edge
: 5G NR-F1 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1 pp	5456.312	8.57	32.95	32.98		38.25	46.79	54.00	-7.21 Average	0.00
2	5500.000	8.59	32.60	33.00		85.25	93.44	-----	Average	0.00



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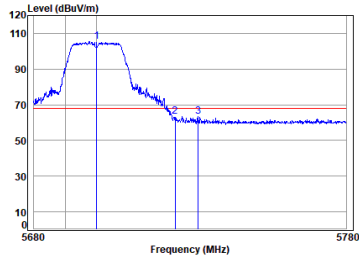
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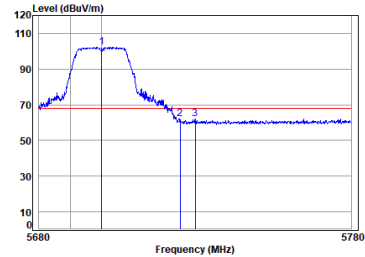
11a_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5700 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1	pp 5700.000	8.36	33.10	32.79	96.94	105.61	68.20	37.41	Peak	0.00
2	5725.000	8.34	33.25	32.77	54.41	63.23	68.20	-4.97	Peak	0.00
3	5732.382	8.33	33.29	32.76	54.69	63.55	68.20	-4.65	Peak	0.00

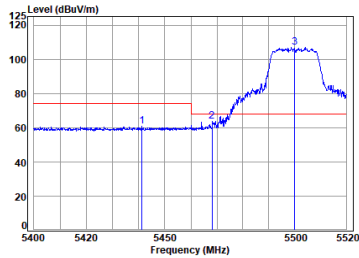
11a_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5700 Band edge
: 5G Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1	pp 5700.000	8.36	33.10	32.79	93.43	102.10	68.20	33.90	Peak	0.00
2	5725.000	8.34	33.25	32.77	53.37	62.19	68.20	-6.01	Peak	0.00
3	5729.882	8.33	33.28	32.76	53.34	62.19	68.20	-6.01	Peak	0.00

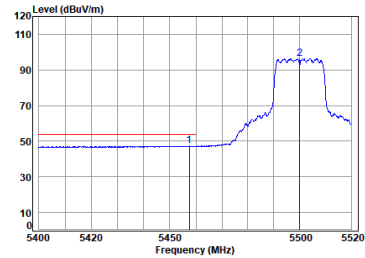
11ac_HT(20M)_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1	5441.222	8.56	32.98	32.98	52.47	61.03	74.00	-12.97	Peak	0.00
2	5468.197	8.58	32.85	32.99	55.30	63.74	68.20	-4.46	Peak	0.00
3	pp 5500.000	8.59	32.60	33.00	98.92	107.11	68.20	38.91	Peak	0.00

11ac_HT(20M)_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1	pp 5457.511	8.57	32.94	32.98	38.79	47.32	54.00	-6.68	Average	0.00
2	5500.000	8.59	32.60	33.00	88.08	96.27	68.20	28.07	Average	0.00



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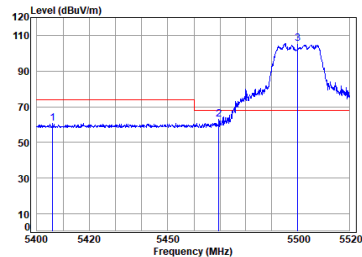
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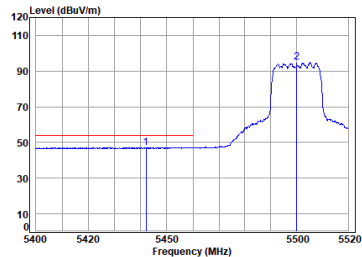
11ac_HT(20M)_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5406.056	8.55	32.91	32.96	52.27	60.77	74.00	-13.23	Peak	0.00
2	5469.639	8.58	32.84	32.99	54.33	62.76	68.20	-5.44	Peak	0.00
3	5500.000	8.59	32.60	33.00	97.05	105.24	68.20	37.04	Peak	0.00

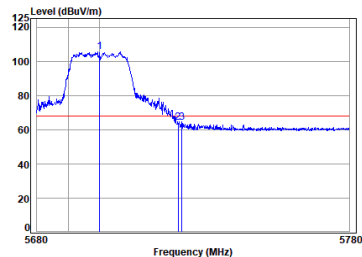
11ac_HT(20M)_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	pp 5442.059	8.56	32.98	32.98	38.54	47.10	54.00	-6.90	Average	0.00
2	5500.000	8.59	32.60	33.00	86.58	94.77	-----	-----	Average	0.00

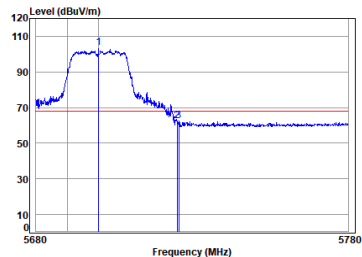
11ac_HT(20M)_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5700 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	pp 5700.000	8.36	33.10	32.79	97.06	105.73	68.20	37.53	Peak	0.00
2	5725.000	8.34	33.25	32.77	55.54	64.36	68.20	-3.84	Peak	0.00
3	5726.183	8.34	33.26	32.77	55.29	64.12	68.20	-4.08	Peak	0.00

11ac_HT(20M)_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5700 Band edge
: 5G Wi-Fi 11AC20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	pp 5700.000	8.36	33.10	32.79	94.83	103.50	68.20	35.30	Peak	0.00
2	5725.000	8.34	33.25	32.77	53.88	62.70	68.20	-5.50	Peak	0.00
3	5725.583	8.34	33.25	32.77	53.82	62.64	68.20	-5.56	Peak	0.00



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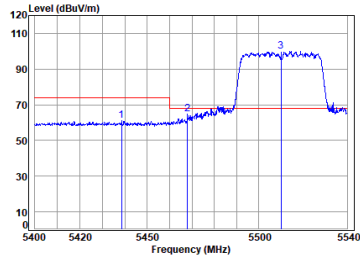
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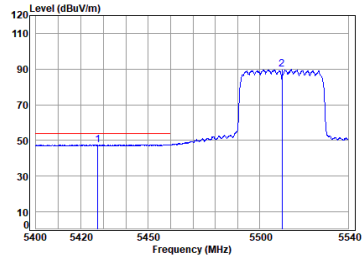
11ac_HT(40M)_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5510 Band edge
: 5G NR-F1 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5438.561	8.56	32.98	32.98	52.52	61.08	74.00	-12.92	Peak	0.00
2	5467.873	8.58	32.86	32.99	56.24	64.69	68.20	-3.51	Peak	0.00
3 pp	5510.000	8.58	32.72	32.99	91.55	99.86	68.20	31.66	Peak	0.00

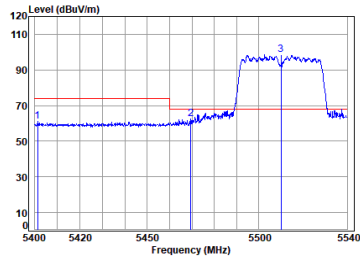
11ac_HT(40M)_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5510 Band edge
: 5G NR-F1 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 pp	5427.436	8.56	32.95	32.97	39.14	47.68	54.00	-6.32	Average	0.00
2	5510.000	8.58	32.72	32.99	81.39	89.70	68.20	21.50	Average	0.00

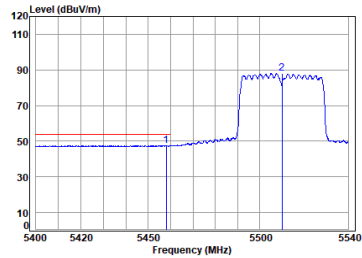
11ac_HT(40M)_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5510 Band edge
: 5G NR-F1 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5401.244	8.54	32.90	32.96	52.87	61.35	74.00	-12.65	Peak	0.00
2	5469.412	8.58	32.84	32.99	54.13	62.56	68.20	-5.64	Peak	0.00
3 pp	5510.000	8.58	32.72	32.99	90.10	98.41	68.20	30.21	Peak	0.00

11ac_HT(40M)_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5510 Band edge
: 5G NR-F1 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 pp	5457.945	8.57	32.94	32.98	39.12	47.65	54.00	-6.35	Average	0.00
2	5510.000	8.58	32.72	32.99	79.77	88.08	68.20	19.88	Average	0.00



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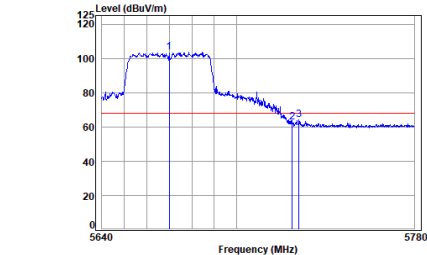
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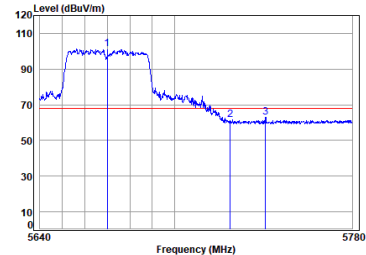
11ac_HT(40M)_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5670 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5670.000	8.40	33.16	32.83	94.80	103.53	68.20	35.33 Peak	0.00
2	5725.000	8.34	33.25	32.77	53.84	62.66	68.20	-5.54 Peak	0.00
3	5727.948	8.33	33.27	32.77	55.28	64.11	68.20	-4.09 Peak	0.00

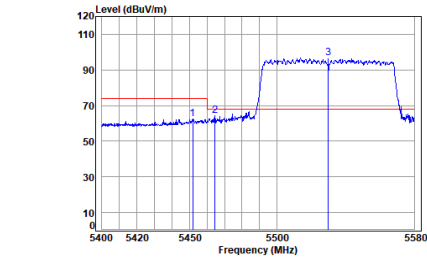
11ac_HT(40M)_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5670 Band edge
: 5G Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5670.000	8.40	33.16	32.83	92.36	101.09	68.20	32.89 Peak	0.00
2	5725.000	8.34	33.25	32.77	52.79	61.61	68.20	-6.59 Peak	0.00
3	5748.875	8.32	33.35	32.75	54.20	63.12	68.20	-5.08 Peak	0.00

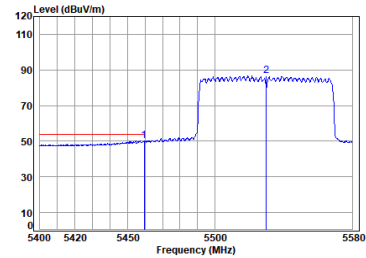
11ac_VHT(80M)_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5530 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5451.772	8.57	32.99	32.98	54.15	62.73	74.00	-11.27 Peak	0.00
2	5464.479	8.57	32.88	32.99	56.05	64.51	68.20	-3.69 Peak	0.00
3	5530.000	8.56	32.96	32.97	88.31	96.86	68.20	28.66 Peak	0.00

11ac_VHT(80M)_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5530 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5459.465	8.57	32.92	32.98	41.65	50.16	54.00	-3.84 Average	0.00
2	5530.000	8.56	32.96	32.97	78.03	86.58	-----	----- Average	0.00



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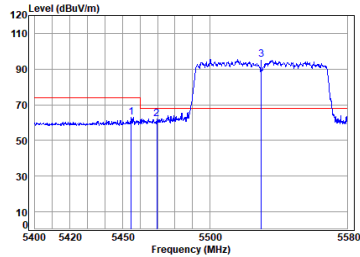
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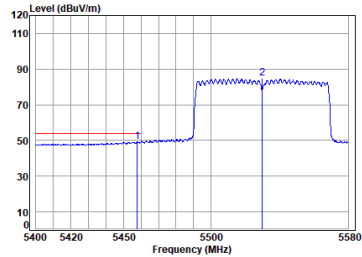
11ac_VHT(80M)_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5530 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5454.991	8.57	32.96	32.98	54.59	63.14	74.00	-10.86	Peak	0.00	
2	5469.499	8.58	32.84	32.99	53.79	62.22	68.20	-5.98	Peak	0.00	
3 pp	5530.000	8.56	32.96	32.97	86.72	95.27	68.20	27.07	Peak	0.00	

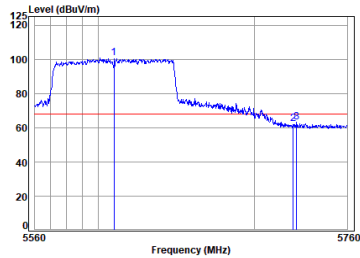
11ac_VHT(80M)_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5530 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1 pp	5457.854	8.57	32.94	32.98	40.85	49.38	54.00	-4.62	Average	0.00	
2	5530.000	8.56	32.96	32.97	76.33	84.88	68.20	16.68	Average	0.00	

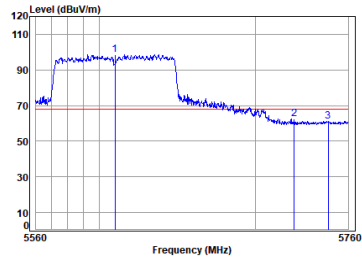
11ac_VHT(80M)_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5610 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1 pp	5610.000	8.46	33.36	32.89	91.62	100.55	68.20	32.35	Peak	0.00	
2	5725.000	8.34	33.25	32.77	53.68	62.50	68.20	-5.70	Peak	0.00	
3	5727.118	8.33	33.26	32.77	54.58	63.40	68.20	-4.80	Peak	0.00	

11ac_VHT(80M)_TX_CH_122_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5610 Band edge
: 5G Wi-Fi 11AC80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1 pp	5610.000	8.46	33.36	32.89	89.52	98.45	68.20	30.25	Peak	0.00	
2	5725.000	8.34	33.25	32.77	53.46	62.28	68.20	-5.92	Peak	0.00	
3	5746.987	8.31	33.38	32.75	52.39	61.33	68.20	-6.87	Peak	0.00	



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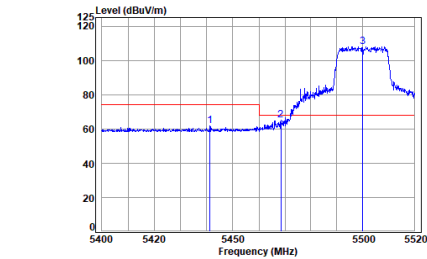
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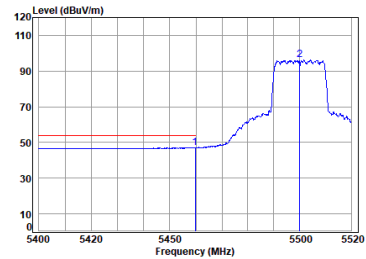
11ax_20M_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5441.222	8.56	32.98	32.98	53.09	61.65	74.00	-12.35	Peak	0.00
2	5468.437	8.58	32.85	32.99	56.52	64.96	68.20	-3.24	Peak	0.00
3 pp	5500.000	8.59	32.60	33.00	99.83	108.02	68.20	39.82	Peak	0.00

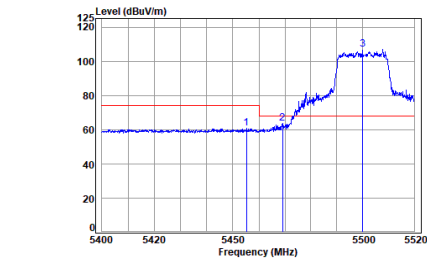
11ax_20M_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5500 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 pp	5459.791	8.57	32.92	32.98	38.67	47.18	54.00	-6.82	Average	0.00
2	5500.000	8.59	32.60	33.00	87.89	96.08	68.20	27.88	Average	0.00

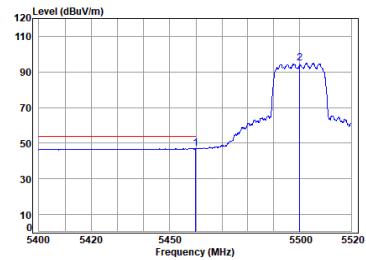
11ax_20M_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5455.232	8.57	32.96	32.98	52.40	60.95	74.00	-13.05	Peak	0.00
2	5469.038	8.58	32.85	32.99	55.40	63.84	68.20	-4.36	Peak	0.00
3 pp	5500.000	8.59	32.60	33.00	98.67	106.86	68.20	38.66	Peak	0.00

11ax_20M_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5500 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 pp	5459.910	8.57	32.92	32.98	38.60	47.11	54.00	-6.89	Average	0.00
2	5500.000	8.59	32.60	33.00	86.66	94.85	68.20	26.65	Average	0.00



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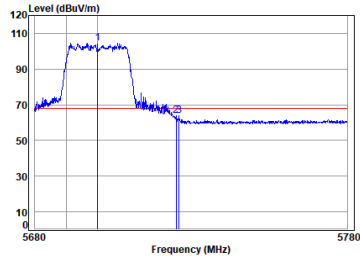
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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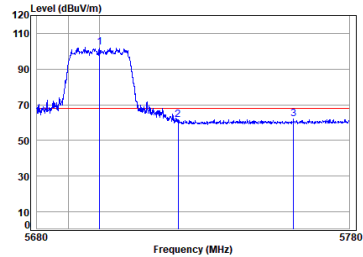
11ax_20M_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5700 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	pp 5700.000	8.36	33.10	32.79	95.97	104.64	68.20	36.44	Peak	0.00
2	5725.000	8.34	33.25	32.77	55.01	63.83	68.20	-4.37	Peak	0.00
3	5725.983	8.34	33.26	32.77	54.87	63.70	68.20	-4.50	Peak	0.00

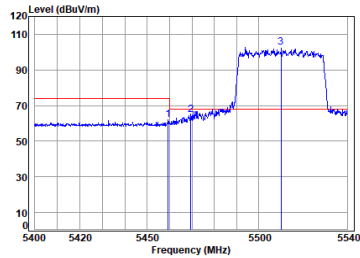
11ax_20M_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5700 Band edge
: 5G NR-F1 11AX20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	pp 5700.000	8.36	33.10	32.79	93.45	102.12	68.20	33.92	Peak	0.00
2	5725.000	8.34	33.25	32.77	53.00	61.82	68.20	-6.38	Peak	0.00
3	5762.072	8.30	33.28	32.73	53.39	62.24	68.20	-5.96	Peak	0.00

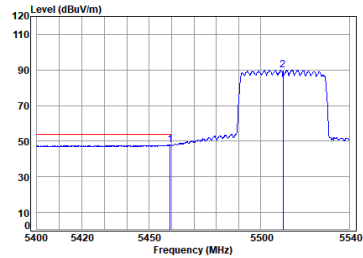
11ax_40M_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5510 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	5459.342	8.57	32.92	32.98	53.67	62.18	74.00	-11.82	Peak	0.00
2	5469.552	8.58	32.84	32.99	56.50	64.93	68.20	-3.27	Peak	0.00
3	pp 5510.000	8.58	32.72	32.99	94.48	102.79	68.20	34.59	Peak	0.00

11ax_40M_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5510 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	pp 5459.342	8.57	32.92	32.98	39.56	48.07	54.00	-5.93	Average	0.00
2	5510.000	8.58	32.72	32.99	81.50	89.81	68.20	21.61	Average	0.00



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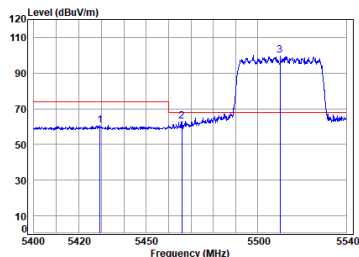
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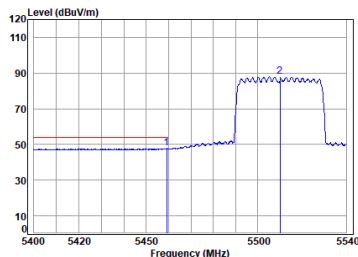
11ax_40M_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5510 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5429.381	8.56	32.96	32.97	52.08	60.63	74.00	-13.37	Peak	0.00	
2	5465.914	8.57	32.87	32.99	54.52	62.97	68.20	-5.23	Peak	0.00	
3	5510.000	8.58	32.72	32.99	91.39	99.70	68.20	31.50	Peak	0.00	

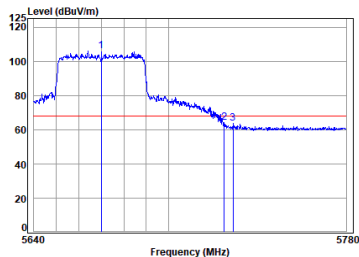
11ax_40M_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5510 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5429.381	8.57	32.93	32.98	39.22	47.74	54.00	-6.26	Average	0.00	
2	5510.000	8.58	32.72	32.99	79.80	88.11	68.20	20.91	Average	0.00	

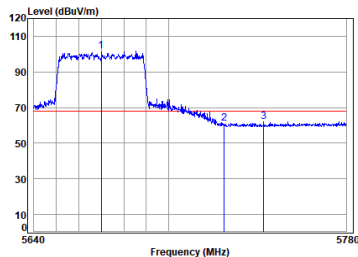
11ax_40M_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5670 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5670.000	8.40	33.16	32.83	97.15	105.88	68.20	37.68	Peak	0.00	
2	5725.000	8.34	33.25	32.77	55.27	64.09	68.20	-4.11	Peak	0.00	
3	5728.923	8.33	33.27	32.77	54.95	63.78	68.20	-4.42	Peak	0.00	

11ax_40M_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5670 Band edge
: 5G NR-F1 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5670.000	8.40	33.16	32.83	93.13	101.86	68.20	33.66	Peak	0.00	
2	5725.000	8.34	33.25	32.77	52.34	61.16	68.20	-7.04	Peak	0.00	
3	5742.706	8.32	33.36	32.75	53.08	62.01	68.20	-6.19	Peak	0.00	



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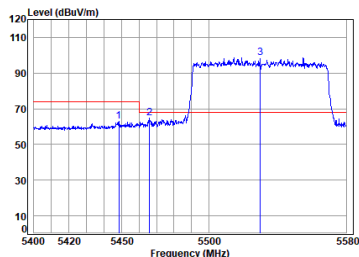
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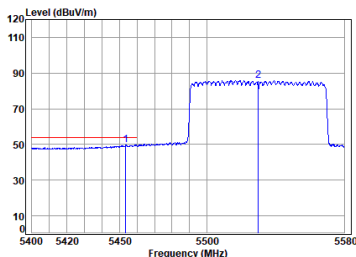
11ax_80M_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5530 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1	5448.377	8.57	33.00	32.98	54.50	63.09	74.00	-10.91	Peak	0.00
2	5466.092	8.57	32.87	32.99	56.12	64.57	68.20	-3.63	Peak	0.00
3	5530.000	8.56	32.96	32.97	89.94	98.49	68.20	30.29	Peak	0.00

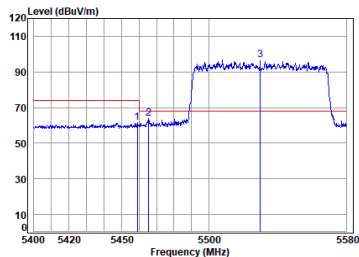
11ax_80M_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5530 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1	pp 5453.561	8.57	32.97	32.98	41.12	49.68	54.00	-4.32	Average	0.00
2	5530.000	8.56	32.96	32.97	77.37	85.88	68.20	17.68	Average	0.00

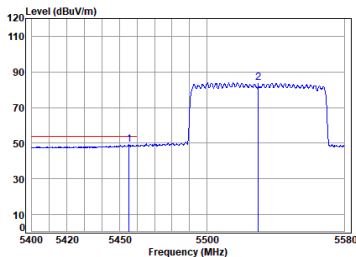
11ax_80M_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5530 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1	5458.928	8.57	32.93	32.98	53.10	61.62	74.00	-12.38	Peak	0.00
2	5465.555	8.57	32.88	32.99	55.55	64.01	68.20	-4.19	Peak	0.00
3	5530.000	8.56	32.96	32.97	88.01	96.56	68.20	28.36	Peak	0.00

11ax_80M_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5530 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1	pp 5455.349	8.57	32.96	32.98	40.50	49.05	54.00	-4.95	Average	0.00
2	5530.000	8.56	32.96	32.97	75.37	83.92	68.20	15.72	Average	0.00



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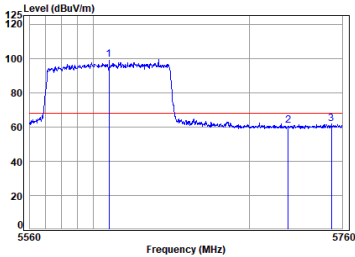
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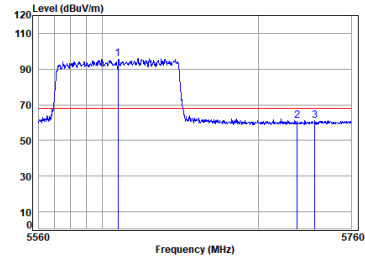
11ax_80M_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5610 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1	5610.000	8.46	33.36	32.89	90.35	99.28	68.20	31.08	Peak	0.00
2	5725.000	8.34	33.25	32.77	52.10	60.92	68.20	-7.28	Peak	0.00
3	5753.003	8.31	33.37	32.74	52.62	61.56	68.20	-6.64	Peak	0.00

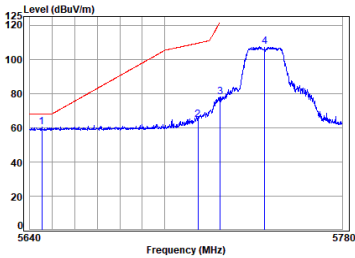
11ax_80M_TX_CH_122_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5610 Band edge
: 5G NR-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1	5610.000	8.46	33.36	32.89	86.94	95.87	68.20	27.67	Peak	0.00
2	5725.000	8.34	33.25	32.77	52.19	61.01	68.20	-7.19	Peak	0.00
3	5736.436	8.32	33.32	32.76	52.23	61.11	68.20	-7.09	Peak	0.00

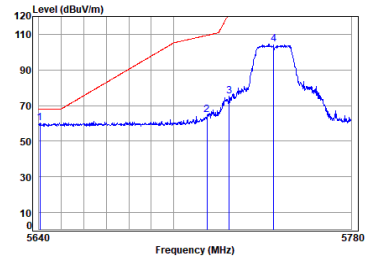
11a_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5745 Band edge
: 5.86 Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1	5645.257	8.43	33.22	32.85	51.35	60.15	68.20	-8.05	Peak	0.00
2	5715.000	8.35	33.19	32.78	55.86	64.62	109.40	-44.78	Peak	0.00
3	5725.000	8.34	33.25	32.77	69.07	77.89	122.20	-44.31	Peak	0.00
4	5745.000	8.31	33.37	32.75	98.33	107.26	-----	-----	Peak	0.00

11a_TX_CH_149_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5745 Band edge
: 5.86 Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1	5640.553	8.43	33.24	32.85	51.47	60.29	68.20	-7.91	Peak	0.00
2	5715.000	8.35	33.19	32.78	55.84	64.60	109.40	-44.80	Peak	0.00
3	5725.000	8.34	33.25	32.77	66.63	75.45	122.20	-46.75	Peak	0.00
4	5745.000	8.31	33.37	32.75	95.64	104.57	-----	-----	Peak	0.00



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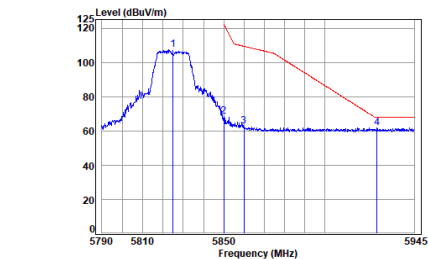
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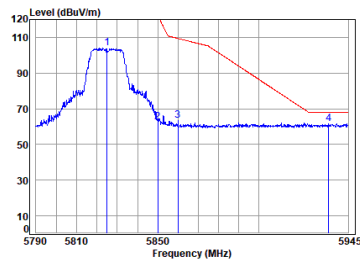
11a_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5825 Band edge
: 5.86 Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5825.000	8.23	33.00	32.67	98.73	187.29	-----	-----	Peak	0.00	
2	5850.000	8.20	33.10	32.65	59.61	68.26	122.20	-53.94	Peak	0.00	
3	5860.000	8.19	33.10	32.64	54.25	62.90	109.40	-46.50	Peak	0.00	
4	5926.340	8.12	33.52	32.57	52.81	61.08	68.20	-6.32	Peak	0.00	

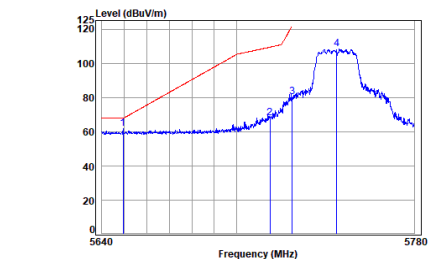
11a_TX_CH_165_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5825 Band edge
: 5.86 Wi-Fi 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5825.000	8.23	33.00	32.67	95.27	183.83	-----	-----	Peak	0.00	
2	5850.000	8.20	33.10	32.65	53.85	62.50	122.20	-59.70	Peak	0.00	
3	5860.000	8.19	33.10	32.64	55.00	63.65	109.40	-45.75	Peak	0.00	
4	5935.114	8.11	33.66	32.56	52.37	61.58	68.20	-6.62	Peak	0.00	

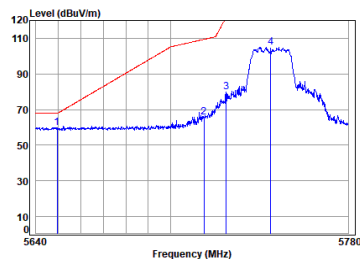
11ac_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5745 Band edge
: 5.86 Wi-Fi 11AC20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5649.412	8.42	33.20	32.85	52.78	61.55	68.20	-6.65	Peak	0.00	
2	5715.000	8.35	33.19	32.78	59.41	68.17	109.40	-41.23	Peak	0.00	
3	5725.000	8.34	33.25	32.77	71.49	80.31	122.20	-41.89	Peak	0.00	
4	5745.000	8.31	33.37	32.75	99.29	108.22	-----	-----	Peak	0.00	

11ac_20M_TX_CH_149_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5745 Band edge
: 5.86 Wi-Fi 11AC20

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5649.412	8.42	33.20	32.85	51.18	59.95	68.20	-8.25	Peak	0.00	
2	5715.000	8.35	33.19	32.78	56.79	65.55	109.40	-43.85	Peak	0.00	
3	5725.000	8.34	33.25	32.77	71.25	80.07	122.20	-42.13	Peak	0.00	
4	5745.000	8.31	33.37	32.75	96.11	105.04	-----	-----	Peak	0.00	



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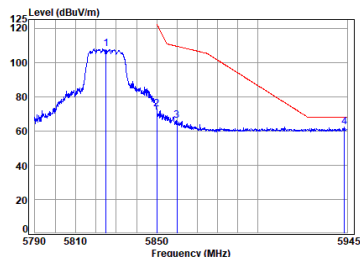
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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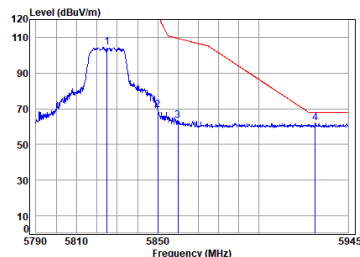
11ac_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5825 Band edge
: 5.86 Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5825.000	8.23	33.00	32.67	99.27	107.83	-----	-----	Peak	0.00
2	5850.000	8.20	33.10	32.65	64.03	72.68	122.20	-49.52	Peak	0.00
3	5880.000	8.19	33.10	32.64	57.46	66.11	109.40	-43.29	Peak	0.00
4	5943.586	8.10	33.80	32.55	52.68	62.03	68.20	-6.17	Peak	0.00

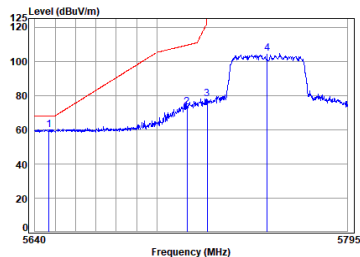
11ac_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5825 Band edge
: 5.86 Wi-Fi 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5825.000	8.23	33.00	32.67	95.77	104.33	-----	-----	Peak	0.00
2	5850.000	8.20	33.10	32.65	60.52	69.17	122.20	-53.03	Peak	0.00
3	5880.000	8.19	33.10	32.64	54.63	63.28	109.40	-46.12	Peak	0.00
4	5928.375	8.12	33.55	32.57	52.76	61.86	68.20	-6.34	Peak	0.00

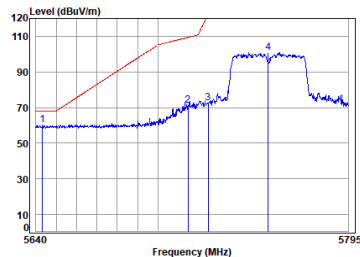
11ac_40M_TX_CH_151_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5755 Band edge
: 5.86 Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5646.885	8.42	33.21	32.85	51.31	60.09	68.20	-8.11	Peak	0.00
2	5715.000	8.35	33.19	32.78	64.23	72.99	109.40	-36.41	Peak	0.00
3	5725.000	8.34	33.25	32.77	68.97	77.79	122.20	-44.41	Peak	0.00
4	5755.000	8.30	33.35	32.74	95.48	104.39	-----	-----	Peak	0.00

11ac_40M_TX_CH_151_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5755 Band edge
: 5.86 Wi-Fi 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5643.212	8.43	33.23	32.85	51.27	60.08	68.20	-8.12	Peak	0.00
2	5715.000	8.35	33.19	32.78	62.25	71.01	109.40	-38.39	Peak	0.00
3	5725.000	8.34	33.25	32.77	63.91	72.73	122.20	-49.47	Peak	0.00
4	5755.000	8.30	33.35	32.74	92.04	100.95	-----	-----	Peak	0.00



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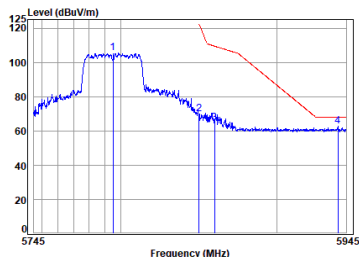
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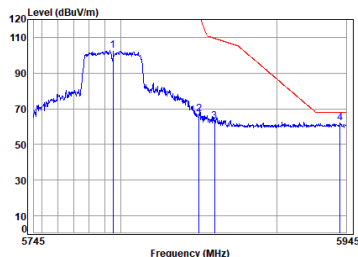
11ac_40M_TX_CH_159_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5795 Band edge

5.86 Wi-Fi 11A40C										
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Aux	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Factor	
1	5795.000	8.26	32.95	32.70	97.23	105.74	-----	Peak	0.00	
2	5850.000	8.20	33.10	32.65	61.16	69.81	122.20	-52.39	Peak	
3	5860.000	8.19	33.10	32.64	56.17	64.82	109.40	-44.58	Peak	
4	5939.510	8.10	33.73	32.56	53.46	62.73	68.20	-5.47	Peak	

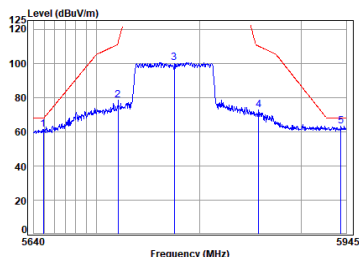
11ac_40M_TX_CH_159_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5795 Band edge

5.8G Wi-Fi 11AC40										
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit	Over Limit	Remark	Aux Factor	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB		dB	
1	5795.000	8.26	32.95	32.70	93.95	102.46	-----	Peak	0.00	
2	5850.000	8.20	33.10	32.65	58.49	67.14	122.20	-55.06	Peak	
3	5860.000	8.19	33.10	32.64	54.21	62.86	109.40	-46.54	Peak	
4	5941.136	8.10	33.76	32.56	52.67	61.97	68.20	-6.23	Peak	

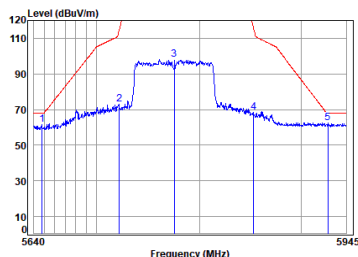
11ac_VHT(80M)_TX_CH_155_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5775 Band edge

F: 5.86 MI-P1-11AC60										
	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark	Aux Factor	
	NHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	
1	5648.918	8.42	33.20	32.85	52.54	61.31	68.20	-6.89	Peak	0.00
2	5720.773	8.34	33.22	32.77	69.42	78.21	112.56	-34.35	Peak	0.00
3	5775.000	8.28	33.15	32.72	91.81	100.52	-----	Peak	0.00	
4	5857.975	8.19	33.10	32.64	64.00	72.65	109.97	-37.32	Peak	0.00
5	5939.680	8.10	33.74	32.56	54.15	63.43	68.20	-4.77	Peak	0.00

11ac_VHT(80M)_TX_CH_155_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5775 Band edge

5.86 MHz-F1-11A03										
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over Limit	Remark	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
	5647.729	8.42	33.21	32.85	52.82	61.60	68.20	-6.60	Peak	0.00
	5721.677	8.34	33.23	32.77	64.26	73.06	114.62	-41.56	Peak	0.00
	5775.000	8.28	33.15	32.72	89.46	98.17	-----	-----	Peak	0.00
	5852.732	8.20	33.10	32.64	59.90	68.56	115.97	-47.41	Peak	0.00
5 pp	5926.556	8.12	33.53	32.57	53.41	62.49	68.20	-5.71	Peak	0.00



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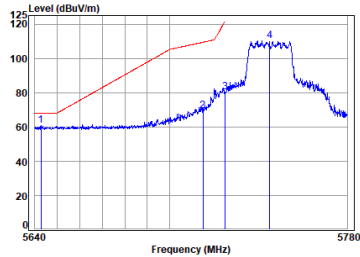
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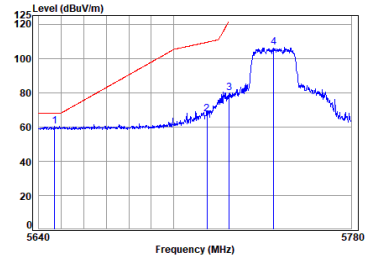
11ax_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5745 Band edge
: 5.86 Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5642.628	8.43	33.23	32.85	52.00	60.81	68.20	-7.39	Peak	0.00
2	5715.000	8.35	33.19	32.78	60.72	69.48	109.40	-39.92	Peak	0.00
3	5725.000	8.34	33.25	32.77	71.54	80.36	122.20	-41.84	Peak	0.00
4	5745.000	8.31	33.37	32.75	101.31	110.24			Peak	0.00

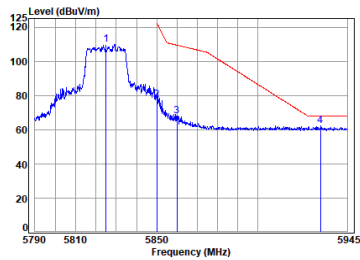
11ax_20M_TX_CH_149_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5745 Band edge
: 5.86 Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5646.919	8.42	33.21	32.85	51.55	60.33	68.20	-7.87	Peak	0.00
2	5715.000	8.35	33.19	32.78	58.51	67.27	109.40	-42.13	Peak	0.00
3	5725.000	8.34	33.25	32.77	71.03	79.85	122.20	-42.35	Peak	0.00
4	5745.000	8.31	33.37	32.75	97.31	106.24			Peak	0.00

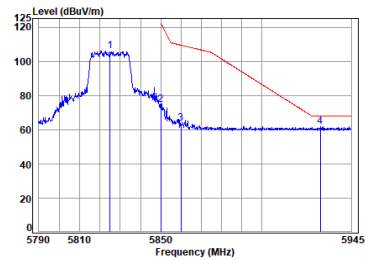
11ax_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5825 Band edge
: 5.86 Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5825.000	8.23	33.00	32.67	101.33	109.89			Peak	0.00
2	5850.000	8.20	33.10	32.65	60.97	77.62	122.20	-44.58	Peak	0.00
3	5860.000	8.19	33.10	32.64	59.45	68.10	109.40	-41.30	Peak	0.00
4	5931.665	8.11	33.61	32.57	53.09	62.24	68.20	-5.96	Peak	0.00

11ax_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5825 Band edge
: 5.86 Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5825.000	8.23	33.00	32.67	97.60	106.16			Peak	0.00
2	5850.000	8.20	33.10	32.65	65.94	74.59	122.20	-47.61	Peak	0.00
3	5860.000	8.19	33.10	32.64	54.99	63.64	109.40	-45.76	Peak	0.00
4	5929.472	8.11	33.57	32.57	52.91	62.02	68.20	-6.18	Peak	0.00



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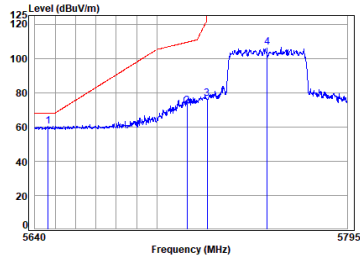
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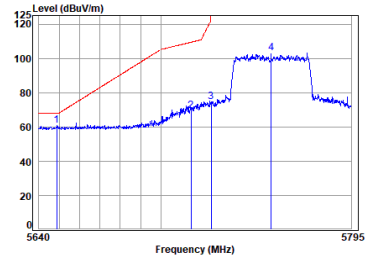
11ax_40M_TX_CH_151_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5755 Band edge
: 5.86 Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5646.579	8.42	33.21	32.85	51.79	60.57	68.20	-7.63	Peak	0.00
2	5715.000	8.35	33.19	32.78	63.66	72.42	109.40	-36.98	Peak	0.00
3	5725.000	8.34	33.25	32.77	67.92	76.74	122.20	-45.46	Peak	0.00
4	5755.000	8.30	33.35	32.74	97.61	106.52			Peak	0.00

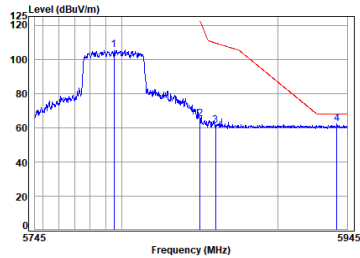
11ax_40M_TX_CH_151_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5755 Band edge
: 5.86 Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5648.723	8.42	33.21	32.85	52.05	60.83	68.20	-7.37	Peak	0.00
2	5715.000	8.35	33.19	32.78	60.79	69.55	109.40	-39.85	Peak	0.00
3	5725.000	8.34	33.25	32.77	65.85	74.67	122.20	-47.53	Peak	0.00
4	5755.000	8.30	33.35	32.74	94.26	103.17			Peak	0.00

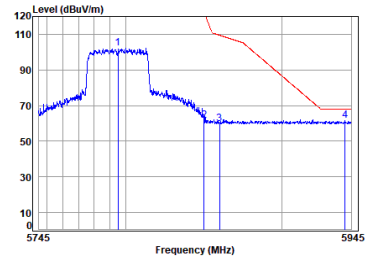
11ax_40M_TX_CH_159_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5795 Band edge
: 5.86 Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5795.000	8.26	32.95	32.70	97.02	105.53			Peak	0.00
2	5850.000	8.20	33.10	32.65	56.67	65.32	122.20	-56.88	Peak	0.00
3	5860.000	8.19	33.10	32.64	52.72	61.37	109.40	-48.03	Peak	0.00
4	5938.298	8.11	33.71	32.56	52.98	62.24	68.20	-5.96	Peak	0.00

11ax_40M_TX_CH_159_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5795 Band edge
: 5.86 Wi-Fi 11AX40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5795.000	8.26	32.95	32.70	93.67	102.18			Peak	0.00
2	5850.000	8.20	33.10	32.65	52.94	61.59	122.20	-60.61	Peak	0.00
3	5860.000	8.19	33.10	32.64	51.16	59.81	109.40	-49.59	Peak	0.00
4	5941.136	8.10	33.76	32.56	52.34	61.64	68.20	-6.56	Peak	0.00



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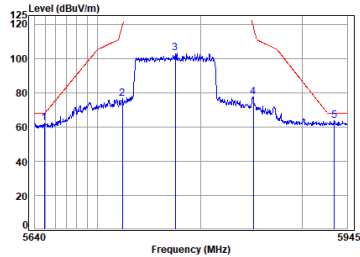
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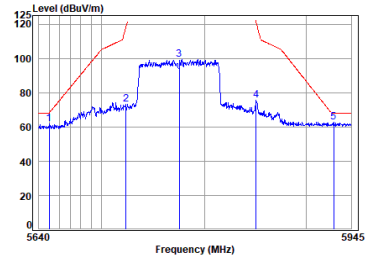
11ax_80M_TX_CH_155_Horizontal



Condition: 3m HORIZONTAL
Job No : 00093AT/00092AT
Mode : 5775 Band edge
: 5.86 Wl-Fi 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5648.918	8.42	33.20	32.85	53.70	62.47	68.20	-5.73	Peak		0.00
2	5723.787	8.34	33.24	32.77	67.55	76.36	119.44	-43.08	Peak		0.00
3	5775.000	8.28	33.15	32.72	94.45	103.16	-----	-----	Peak		0.00
4	5851.500	8.20	33.10	32.64	68.72	77.38	118.78	-41.40	Peak		0.00
5 pp	5932.177	8.11	33.62	32.57	54.33	63.49	68.20	-4.71	Peak		0.00

11ax_80M_TX_CH_155_Vertical



Condition: 3m VERTICAL
Job No : 00093AT/00092AT
Mode : 5775 Band edge
: 5.86 Wl-Fi 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5649.811	8.42	33.20	32.85	52.89	61.66	68.20	-6.54	Peak		0.00
2	5723.486	8.34	33.24	32.77	64.25	73.06	118.75	-45.69	Peak		0.00
3	5775.000	8.28	33.15	32.72	90.71	99.42	-----	-----	Peak		0.00
4	5850.575	8.20	33.10	32.64	66.74	75.40	120.89	-45.49	Peak		0.00
5 pp	5927.492	8.12	33.54	32.57	53.58	62.67	68.20	-5.53	Peak		0.00



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7.5 Duty Cycle

Test Requirement: ANSI C63.10-2020+Cor.1-2023 Section 12.2
 Test Method: ANSI C63.10-2020+Cor.1-2023 Section 12.2
 Test Engineer: Rex Liu

7.5.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.8 °C Humidity: 60.2 % RH Atmospheric Pressure: 1000 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	14	Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	15	Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	16	Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data



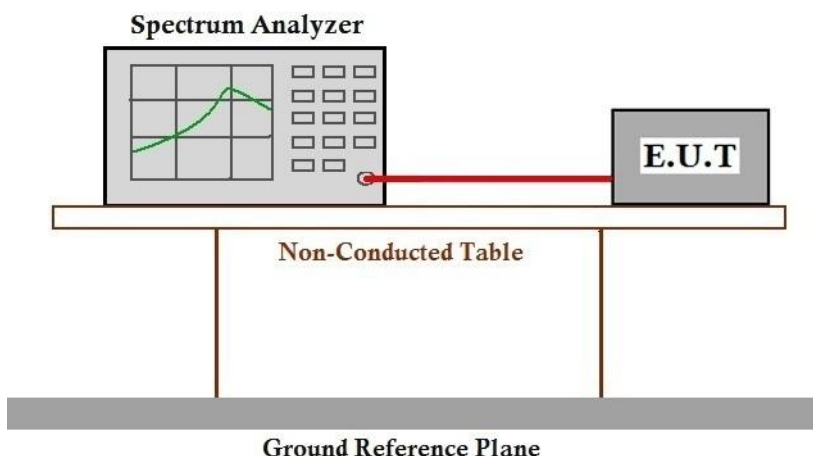
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		of worst case is recorded in the report.
Final test	17	Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.6 99% Bandwidth

Test Requirement: ANSI C63.10-2020+Cor.1-2023 Section 12.5.3
 Test Method: ANSI C63.10-2020+Cor.1-2023 Section 6.9.3
 Test Engineer: Rex Liu

7.6.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.5 °C Humidity: 48.2 % RH Atmospheric Pressure: 1000 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	14	Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	15	Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	16	Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data



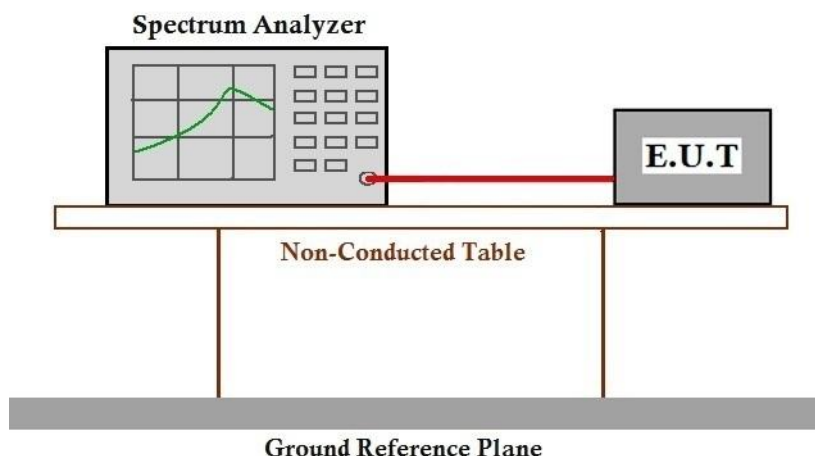
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		of worst case is recorded in the report.
Final test	17	Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.7 26dB Emission Bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
 Test Method: ANSI C63.10-2020+Cor.1-2023 Section 12.5.2
 Test Engineer: Rex Liu

7.7.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.5 °C Humidity: 48.2 % RH Atmospheric Pressure: 1000 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.



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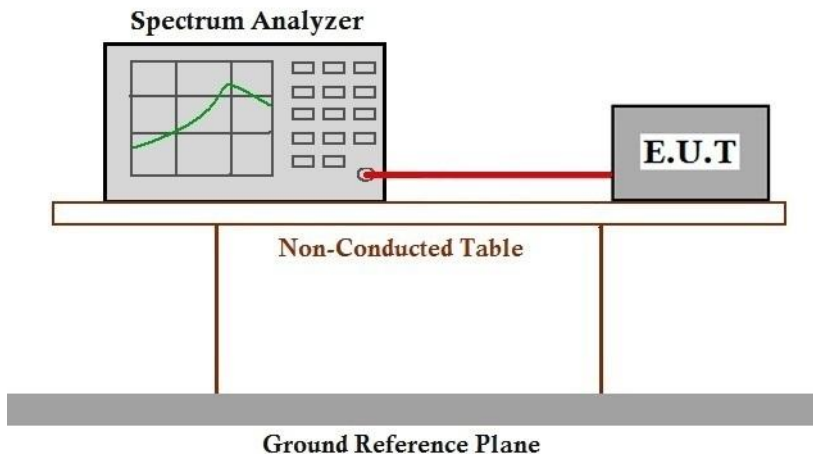
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7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.8 Minimum 6 dB Bandwidth (5.725-5.85 GHz band)

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)
 Test Method: ANSI C63.10-2020+Cor.1-2023 Section 12.5.1
 Test Engineer: Rex Liu

Limit:

Frequency band(MHz)	Limit
5725-5850	≥500 kHz

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C Humidity: 48.2 % RH Atmospheric Pressure: 1000 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	12	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	17	Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.



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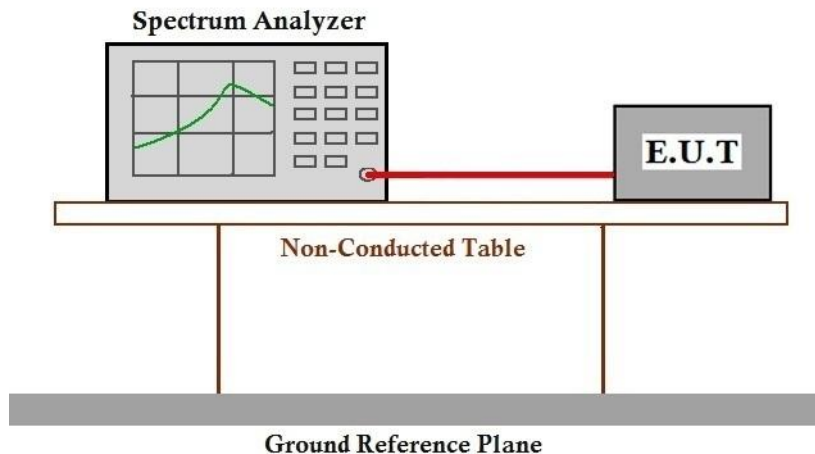
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7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.9 Maximum Conducted Output Power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
 Test Method: ANSI C63.10-2020+Cor.1-2023 Section 12.4
 Test Engineer: Rex Liu

Limit:

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

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C Humidity: 48.2 % RH Atmospheric Pressure: 1000 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.



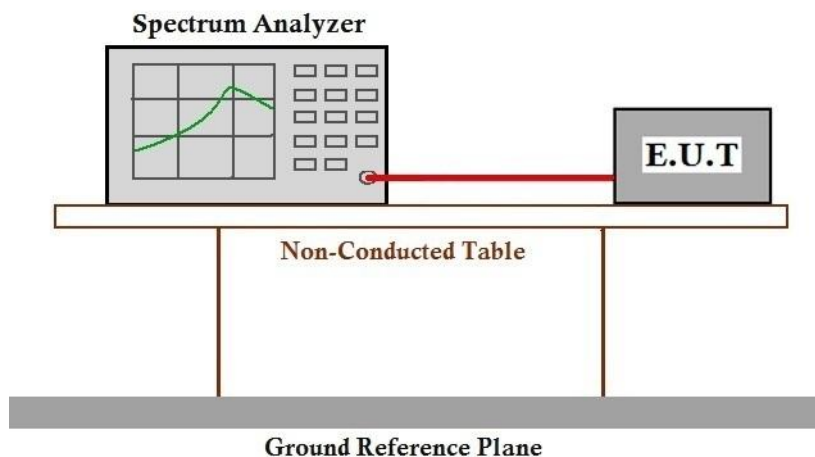
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Final test	12	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
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7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

AV Output power Level = Reading level + Cable loss + DCCF

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7.10 Power Spectral Density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
 Test Method: ANSI C63.10-2020+Cor.1-2023 Section 12.6
 Test Engineer: Rex Liu

Limit:

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

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C Humidity: 48.2 % RH Atmospheric Pressure: 1000 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0



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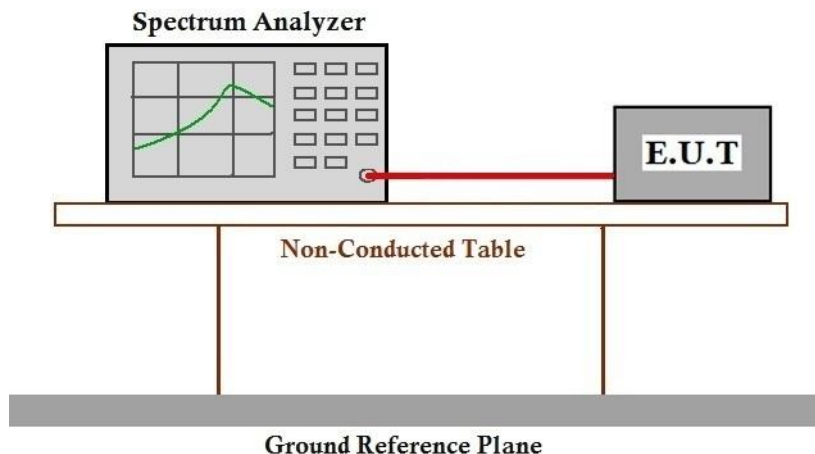
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		is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
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7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

RBW conversion factor from 300kHz to 500kHz (2.22dB) for UNII Band 3 has been considered.

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7.11 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)
 Test Method: ANSI C63.10-2020+Cor.1-2023 Section 6.8
 Test Engineer: Rex Liu

7.11.1 E.U.T. Operation

Operating Environment:
 Temperature: 22.5 °C Humidity: 48.2 % RH Atmospheric Pressure: 1000 mbar

7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

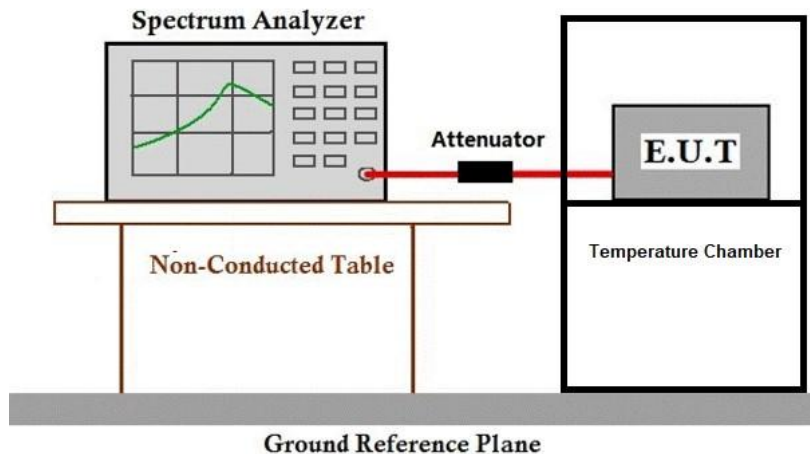


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7.11.3 Test Setup Diagram



7.11.4 Measurement Procedure and Data

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7.12 Transmitter Power Control

Test Requirement 47 CFR Part 15, Subpart E 15.407 (h)(1)
 Test Method: ANSI C63.10-2020+Cor.1-2023 Section 12.4
 Test Engineer: Rex Liu

Limit:

Able to lower EIRP below 24dBm when Max_EIRP $\geq$ 500 mW (27 dBm).

7.12.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C Humidity: 48.2 % RH Atmospheric Pressure: 1000 mbar

7.12.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	10	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	15	Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	16	Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.



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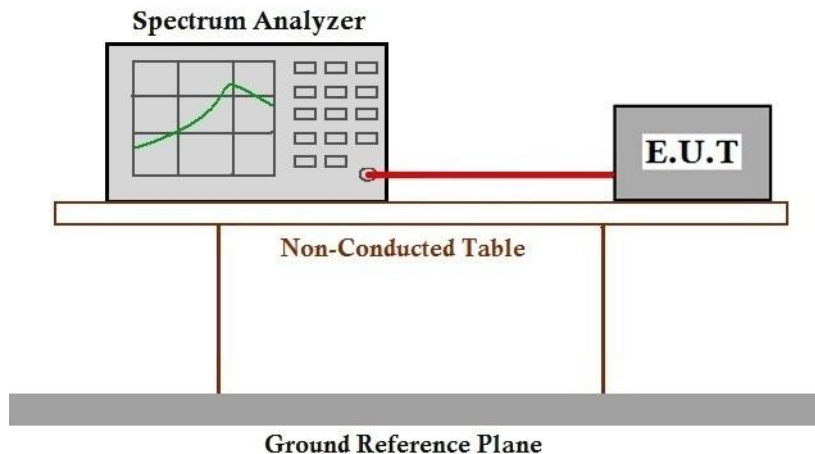
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7.12.3 Test Setup Diagram



7.12.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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8 Test Setup Photo

Refer to Setup Photo for FYCR2606000093AT

9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for FYCR2606000093AT



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10 Appendix

1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

Ant1									
Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	2.066	2.094	98.66	0.06	0.07
		5200	/	/	2.065	2.093	98.66	0.06	0.04
		5240	/	/	2.065	2.093	98.66	0.06	0.04
		5260	/	/	2.065	2.093	98.66	0.06	0.04
		5300	/	/	2.065	2.093	98.66	0.06	0.04
		5320	/	/	2.065	2.093	98.66	0.06	0.04
		5500	/	/	2.065	2.093	98.66	0.06	0.07
		5580	/	/	2.065	2.093	98.66	0.06	0.04
		5700	/	/	2.065	2.093	98.66	0.06	0.04
		5745	/	/	2.065	2.093	98.66	0.06	0.04
		5785	/	/	2.066	2.094	98.66	0.06	0.07
		5825	/	/	2.065	2.092	98.71	0.06	0.04
802.11n (HT20)	MIMO	5180	/	/	1.310	1.407	93.11	0.31	0.03
		5200	/	/	1.308	1.407	92.96	0.32	0.03
		5240	/	/	1.309	1.406	93.10	0.31	0.05
		5260	/	/	1.310	1.406	93.17	0.31	0.04
		5300	/	/	1.309	1.407	93.03	0.31	0.06
		5320	/	/	1.309	1.406	93.10	0.31	0.03
		5500	/	/	1.308	1.407	92.96	0.32	0.03
		5580	/	/	1.309	1.407	93.03	0.31	0.00
		5700	/	/	1.310	1.407	93.11	0.31	0.03
		5745	/	/	1.310	1.407	93.11	0.31	0.03
		5785	/	/	1.308	1.407	92.96	0.32	0.03
		5825	/	/	1.310	1.407	93.11	0.31	0.03
802.11n (HT40)	MIMO	5190	/	/	0.649	0.747	86.88	0.61	0.04
		5230	/	/	0.648	0.747	86.75	0.62	0.04
		5270	/	/	0.648	0.747	86.75	0.62	0.04



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		5310	/	/	0.650	0.747	87.01	0.60	0.03
		5510	/	/	0.650	0.747	87.01	0.60	0.04
		5550	/	/	0.650	0.747	87.01	0.60	0.07
		5670	/	/	0.650	0.747	87.01	0.60	0.00
		5755	/	/	0.648	0.747	86.75	0.62	0.04
		5795	/	/	0.648	0.747	86.75	0.62	0.04
802.11ac (VHT20)	MIMO	5180	/	/	1.318	1.415	93.14	0.31	0.03
		5200	/	/	1.318	1.415	93.14	0.31	0.03
		5240	/	/	1.318	1.415	93.14	0.31	0.03
		5260	/	/	1.316	1.415	93.00	0.32	0.07
		5300	/	/	1.318	1.415	93.14	0.31	0.03
		5320	/	/	1.318	1.415	93.14	0.31	0.03
		5500	/	/	1.318	1.415	93.14	0.31	0.00
		5580	/	/	1.318	1.415	93.14	0.31	0.03
		5700	/	/	1.318	1.415	93.14	0.31	0.03
		5745	/	/	1.318	1.415	93.14	0.31	0.00
		5785	/	/	1.318	1.415	93.14	0.31	0.00
		5825	/	/	1.317	1.415	93.07	0.31	0.03
802.11ac (VHT40)	MIMO	5190	/	/	0.658	0.755	87.15	0.60	0.04
		5230	/	/	0.658	0.755	87.15	0.60	0.04
		5270	/	/	0.656	0.755	86.89	0.61	0.04
		5310	/	/	0.659	0.756	87.17	0.60	0.07
		5510	/	/	0.658	0.755	87.15	0.60	0.07
		5550	/	/	0.656	0.755	86.89	0.61	0.04
		5670	/	/	0.656	0.755	86.89	0.61	0.04
		5755	/	/	0.658	0.755	87.15	0.60	0.04
		5795	/	/	0.659	0.756	87.17	0.60	0.04
802.11ac (VHT80)	MIMO	5210	/	/	0.461	0.490	94.08	0.26	0.10
		5290	/	/	0.463	0.489	94.68	0.24	0.17
		5530	/	/	0.463	0.490	94.49	0.25	0.10
		5610	/	/	0.463	0.490	94.49	0.25	0.03
		5775	/	/	0.462	0.489	94.48	0.25	0.03
802.11ax (HEW20)	MIMO	5180	RU242	Left	1.489	1.516	98.22	0.08	0.04
		5200	RU242	Left	1.489	1.517	98.15	0.08	0.03
		5240	RU242	Left	1.489	1.517	98.15	0.08	0.00
		5260	RU242	Left	1.489	1.517	98.15	0.08	0.03
		5300	RU242	Left	1.489	1.516	98.22	0.08	0.03
		5320	RU242	Left	1.488	1.516	98.15	0.08	0.04
		5500	RU242	Left	1.489	1.517	98.15	0.08	0.04
		5580	RU242	Left	1.489	1.516	98.22	0.08	0.03



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		5700	RU242	Left	1.490	1.517	98.22	0.08	0.00
		5745	RU242	Left	1.489	1.516	98.22	0.08	0.00
		5785	RU242	Left	1.489	1.516	98.22	0.08	0.03
		5825	RU242	Left	1.488	1.516	98.15	0.08	0.03
802.11ax (HEW40)	MIMO	5190	RU484	Left	0.774	0.801	96.63	0.15	0.03
		5230	RU484	Left	0.772	0.801	96.38	0.16	0.04
		5270	RU484	Left	0.772	0.802	96.26	0.17	0.04
		5310	RU484	Left	0.775	0.802	96.63	0.15	0.03
		5510	RU484	Left	0.774	0.801	96.63	0.15	0.03
		5550	RU484	Left	0.774	0.801	96.63	0.15	0.03
		5670	RU484	Left	0.772	0.801	96.38	0.16	0.03
		5755	RU484	Left	0.775	0.802	96.63	0.15	0.00
802.11ax (HEW80)	MIMO	5795	RU484	Left	0.775	0.802	96.63	0.15	0.04
		5210	RU996	Left	0.404	0.431	93.74	0.28	0.06
		5290	RU996	Left	0.404	0.431	93.74	0.28	0.03
		5530	RU996	Left	0.404	0.431	93.74	0.28	0.03
		5610	RU996	Left	0.404	0.430	93.95	0.27	0.12
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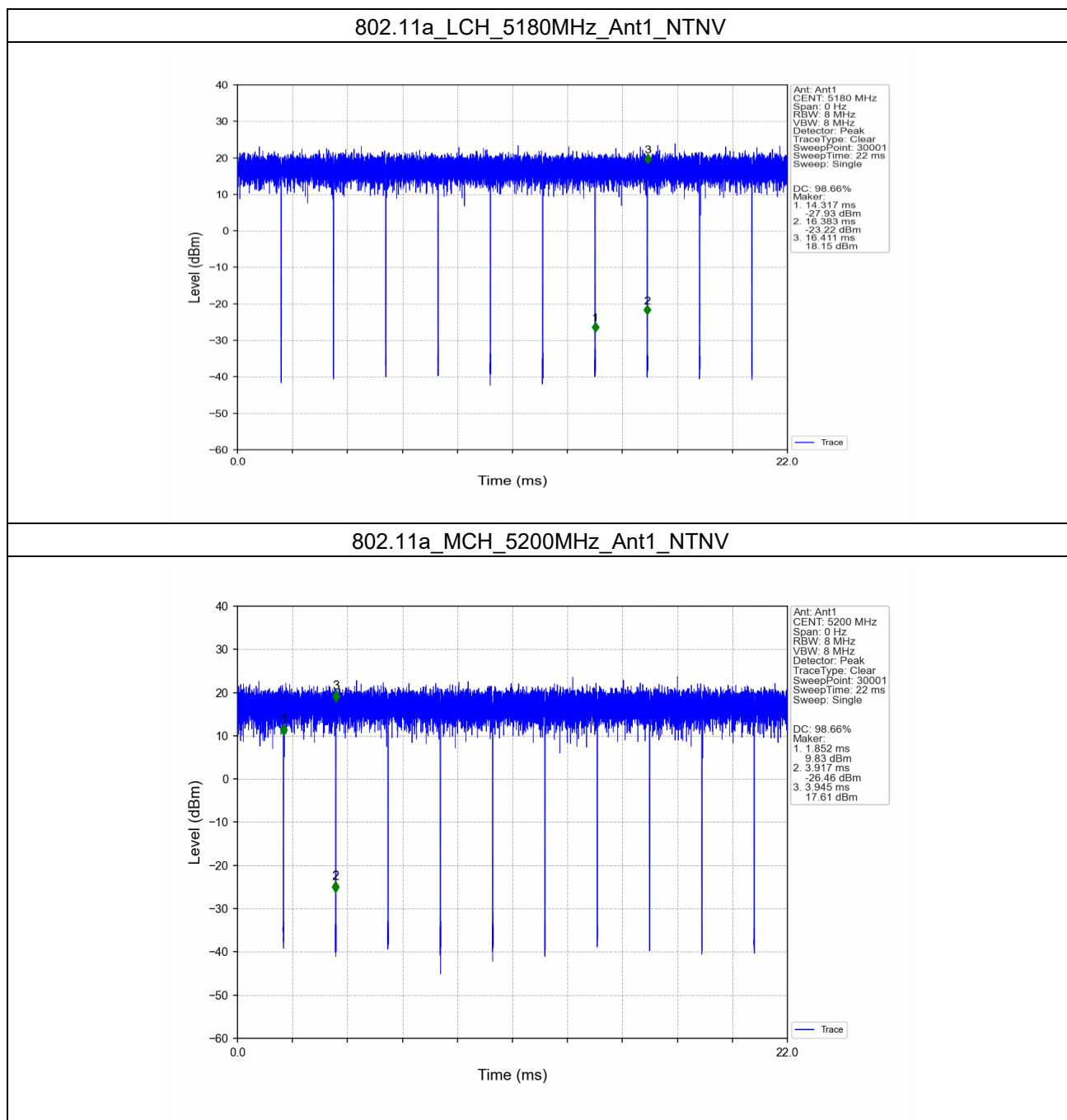


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1.2 Test Graph

1.2.1 Ant1



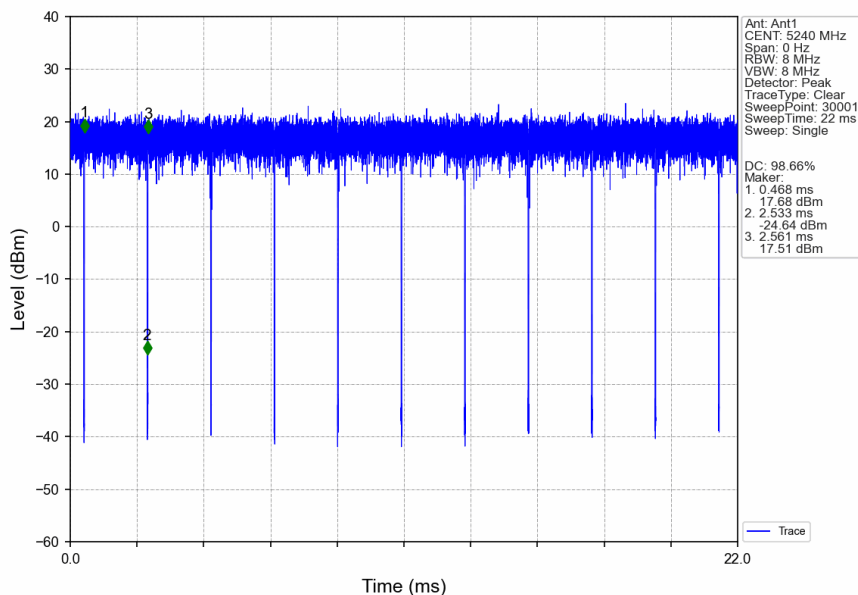
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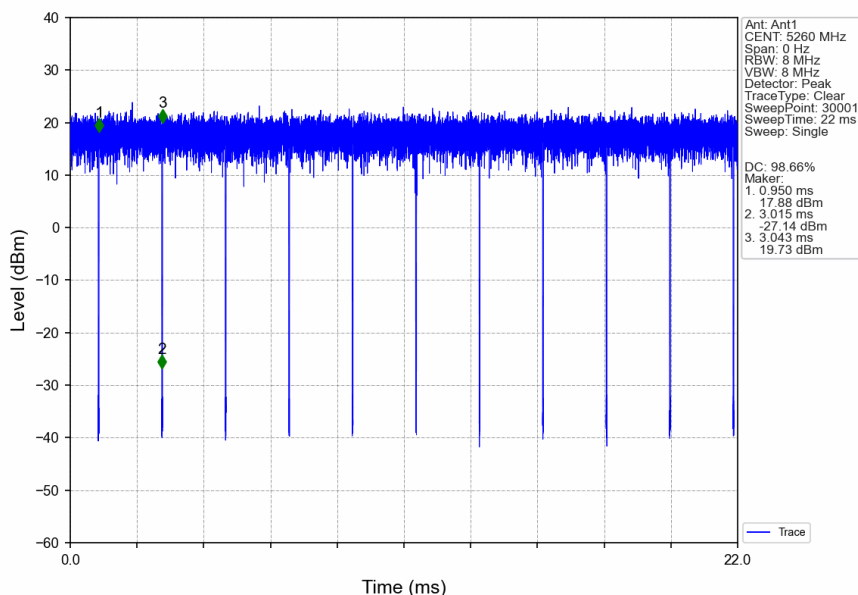
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



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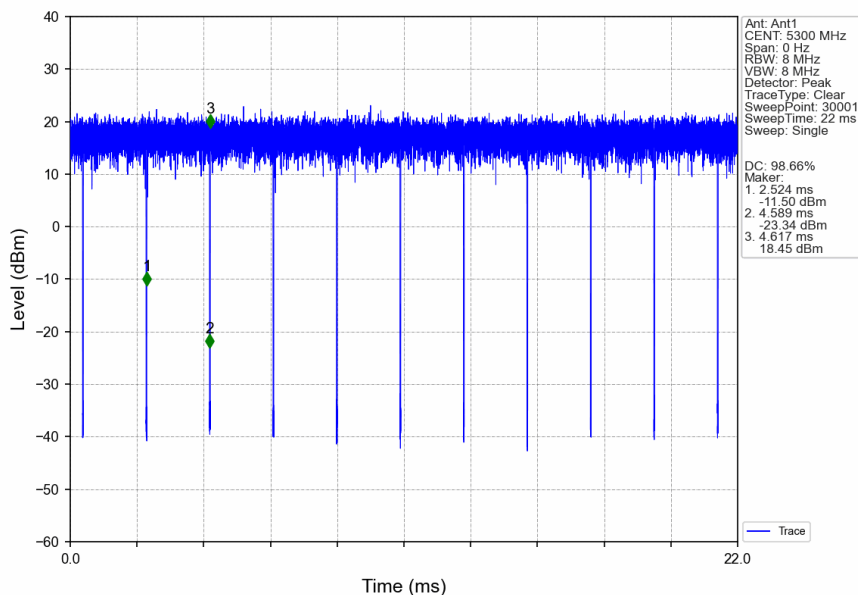
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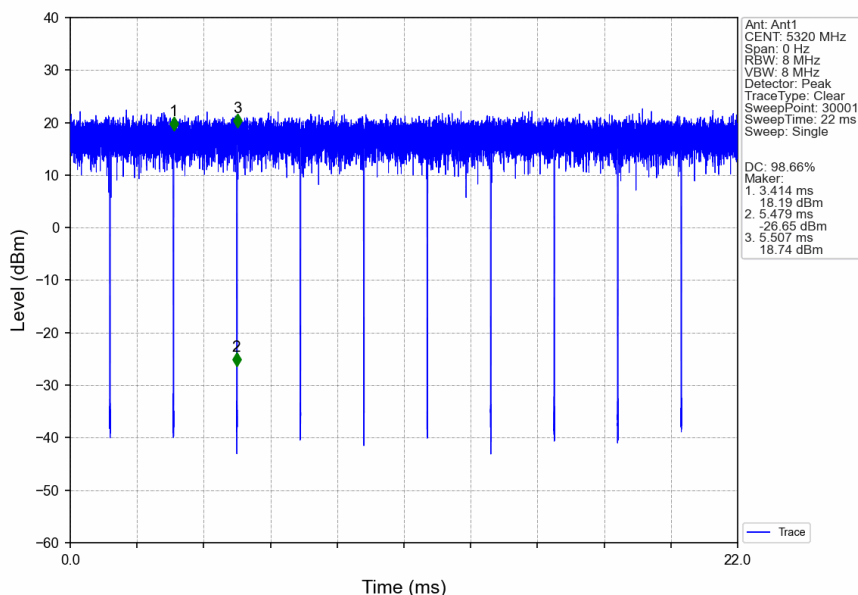
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



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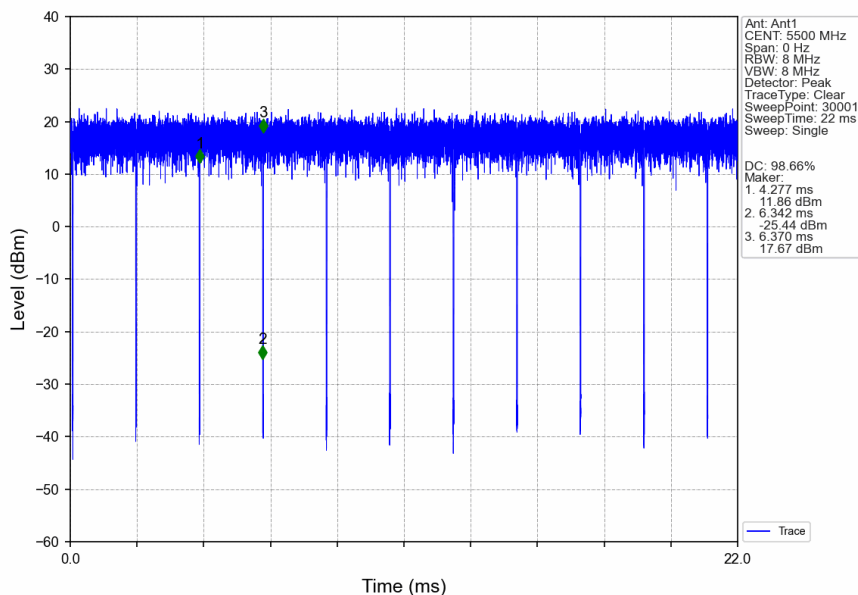
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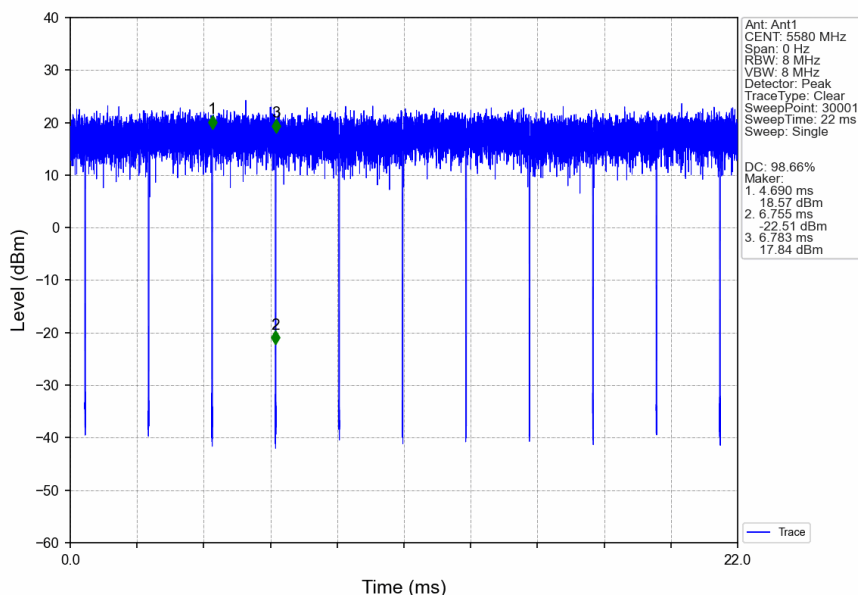
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



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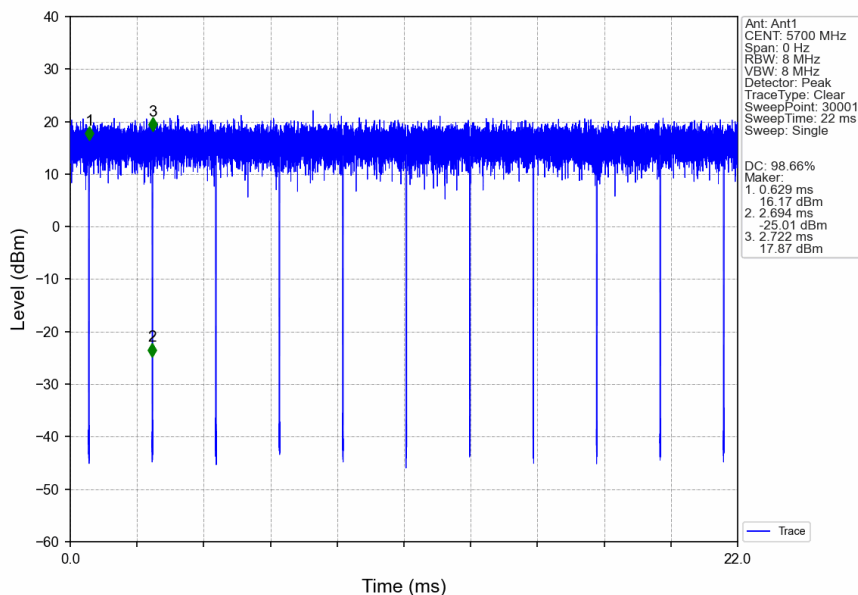
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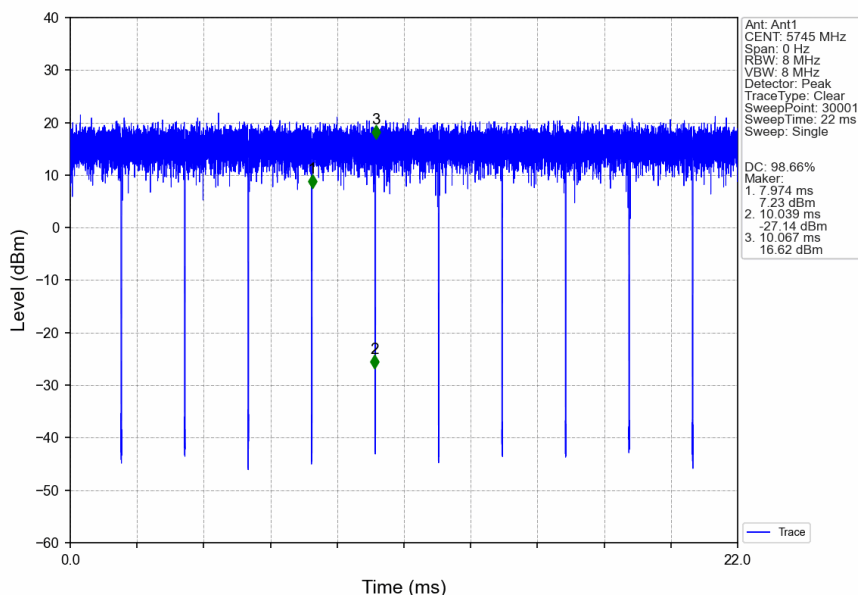
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant1_NTNV



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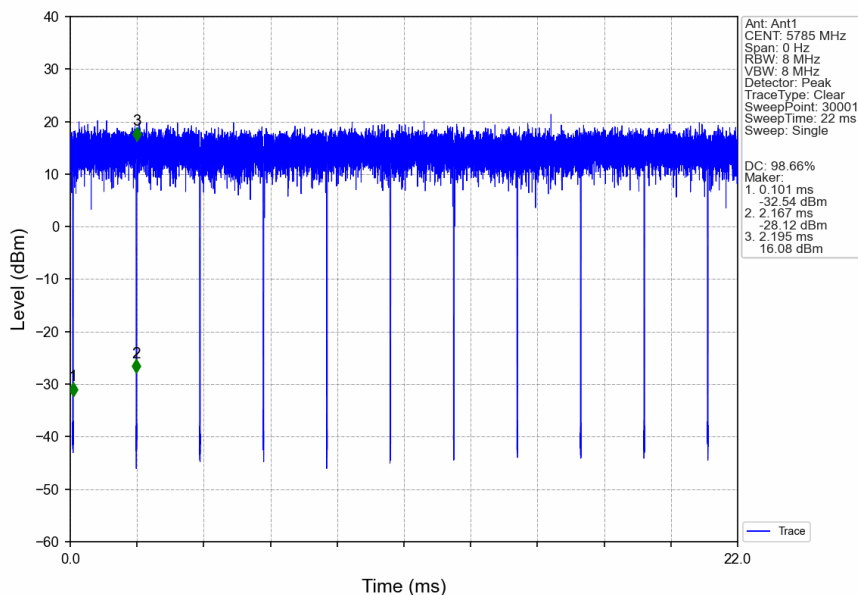
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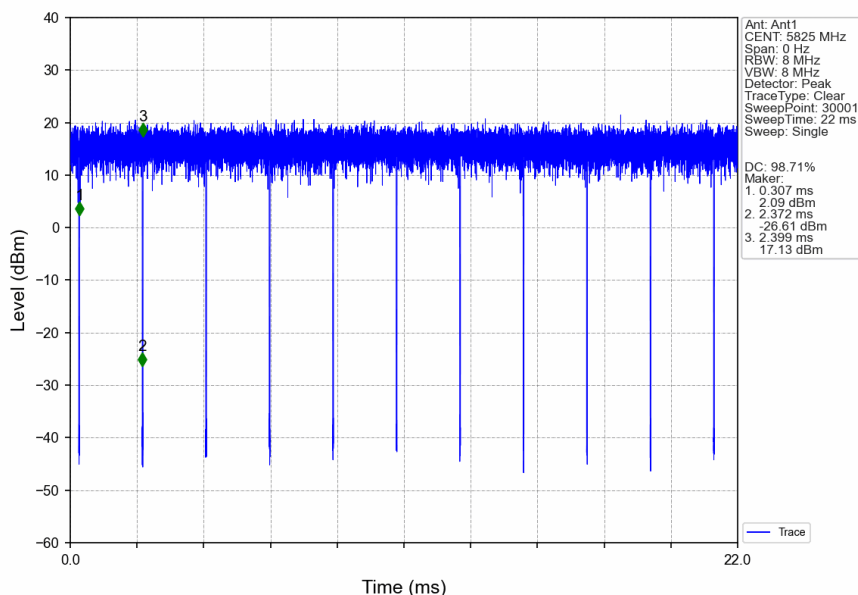
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802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



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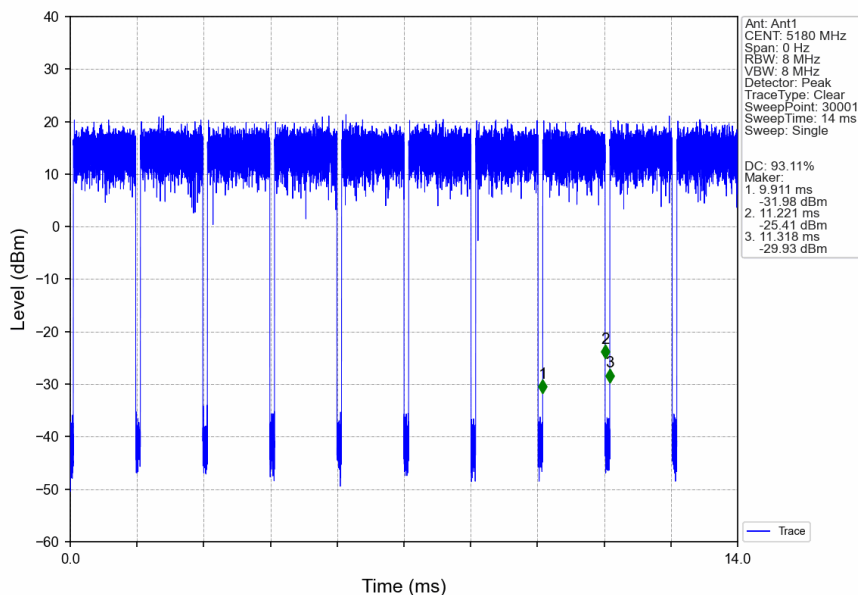
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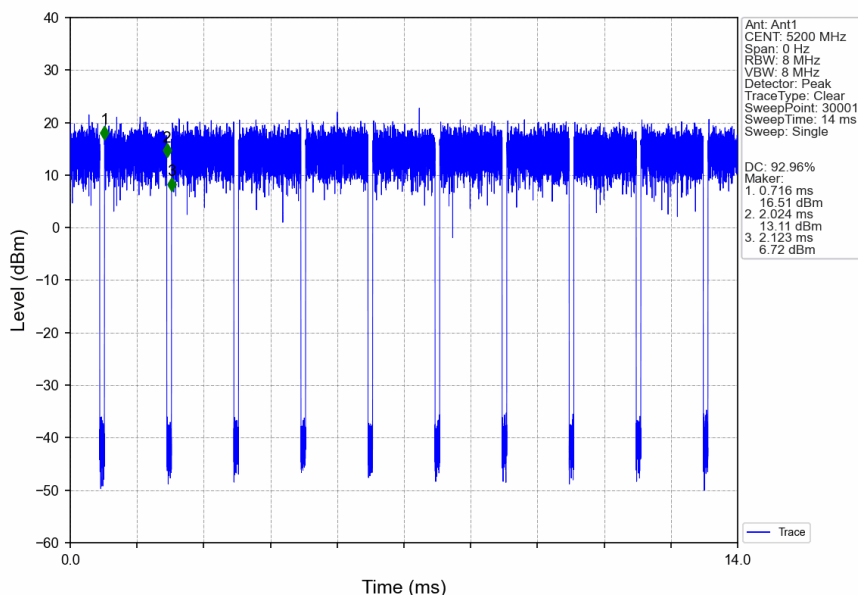
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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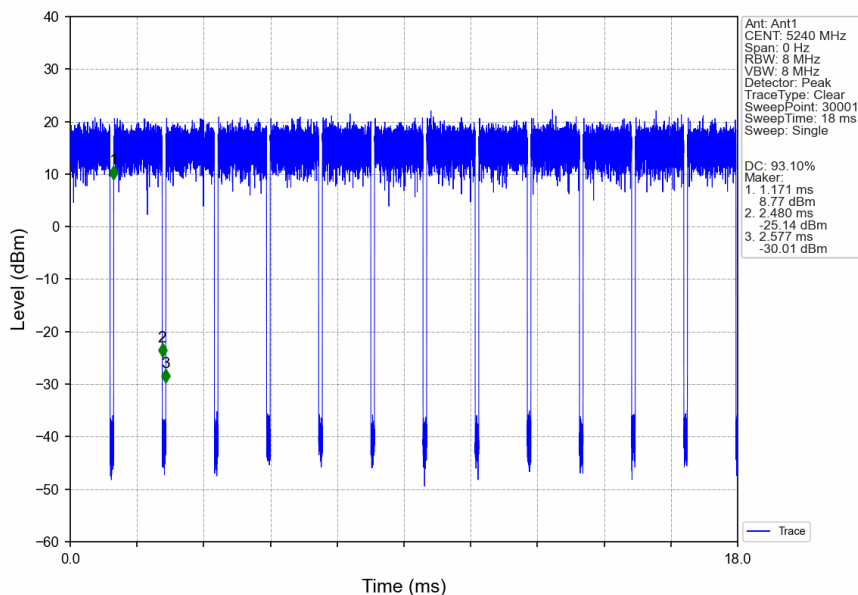
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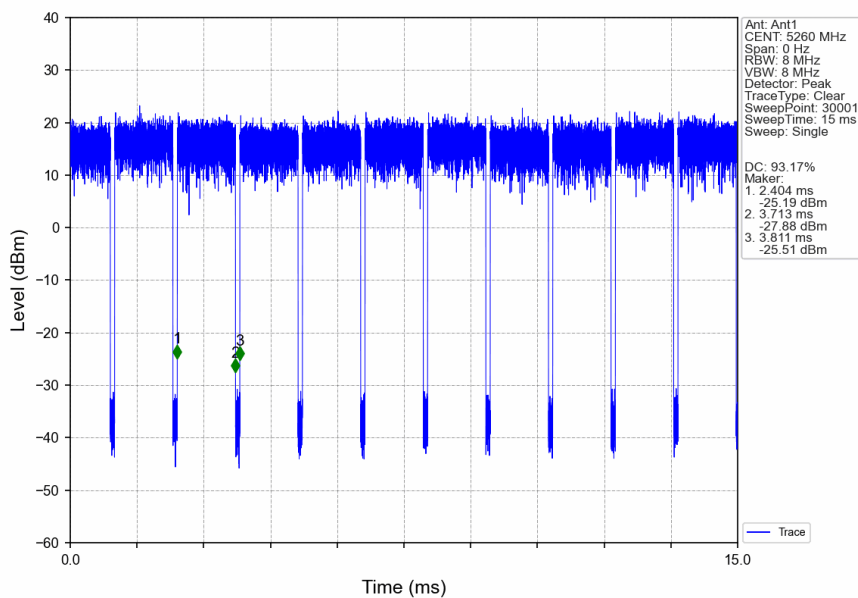
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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



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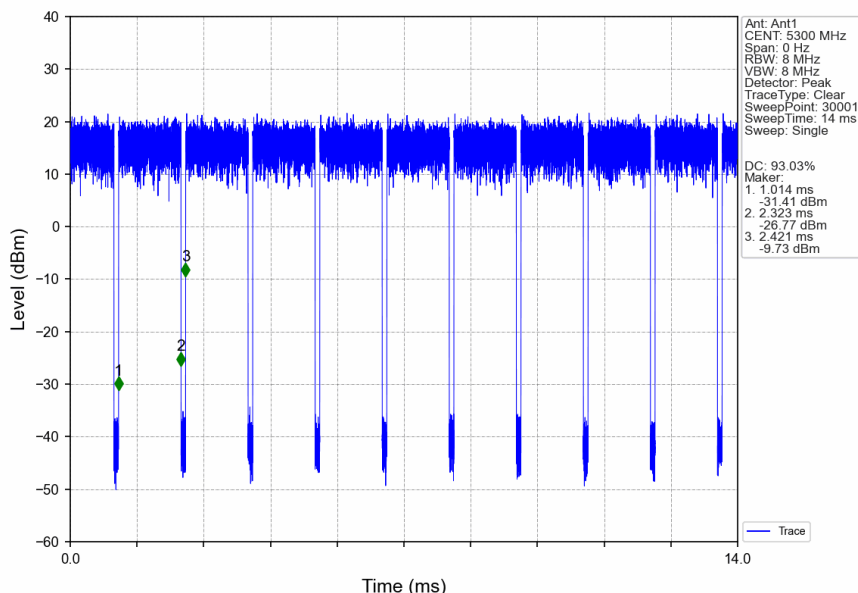
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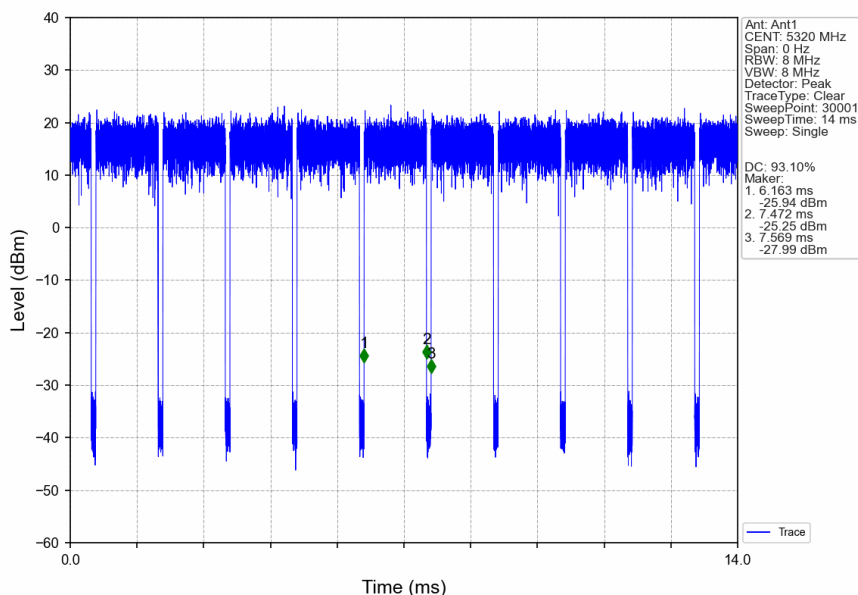
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802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



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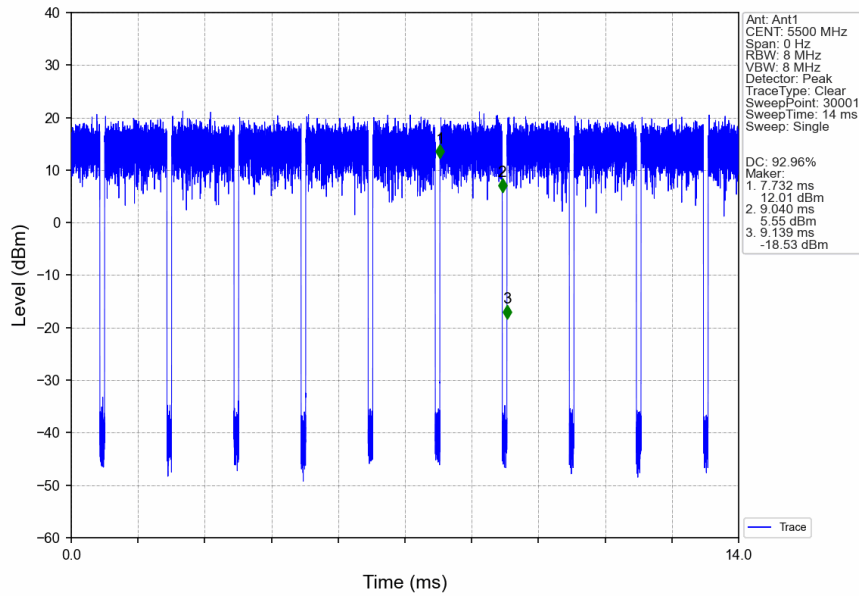
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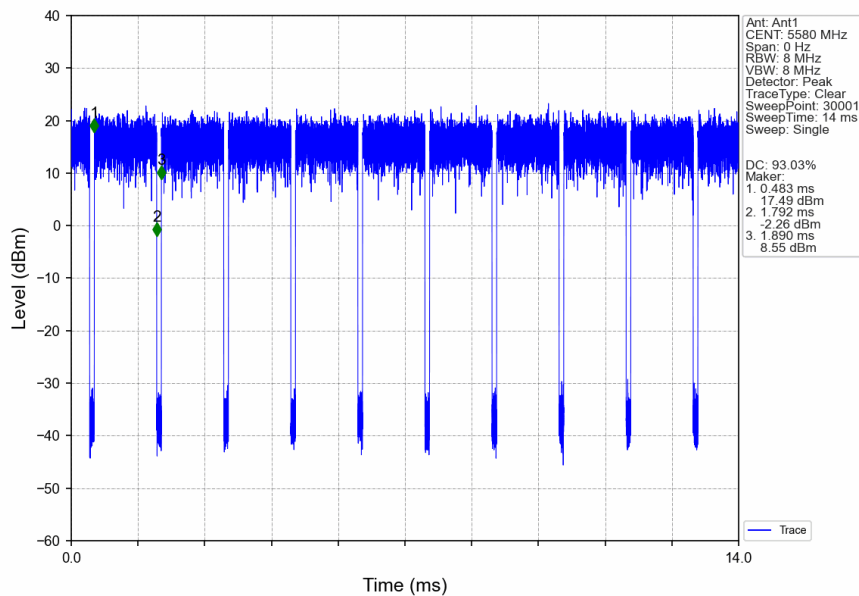
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802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



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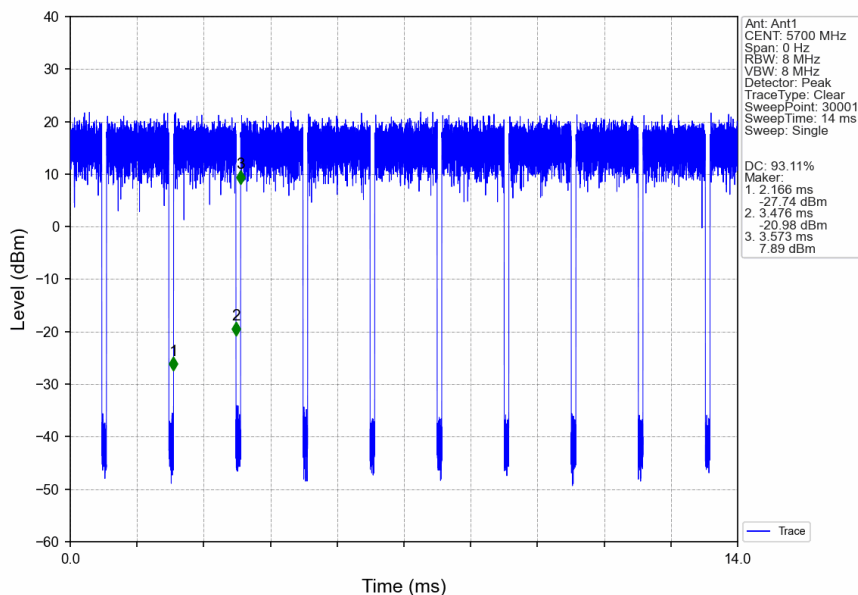
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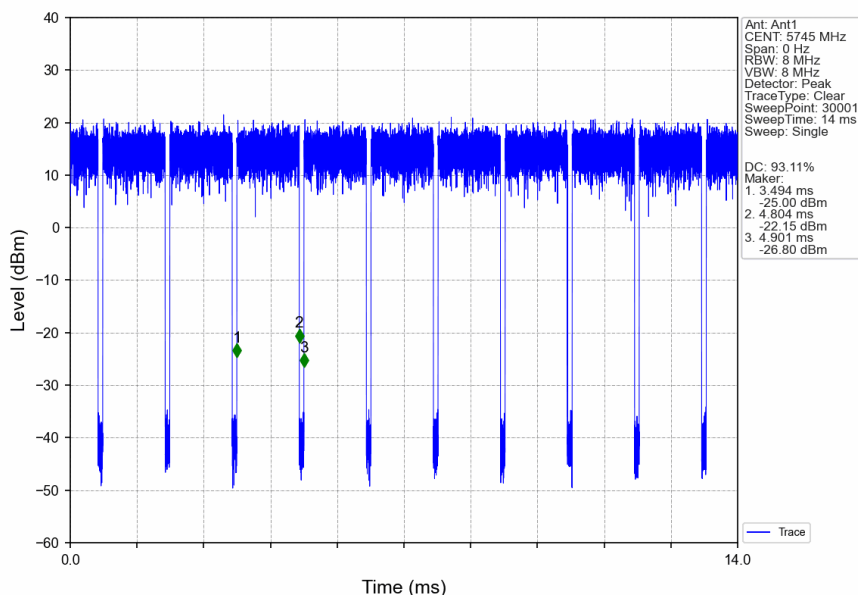
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802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



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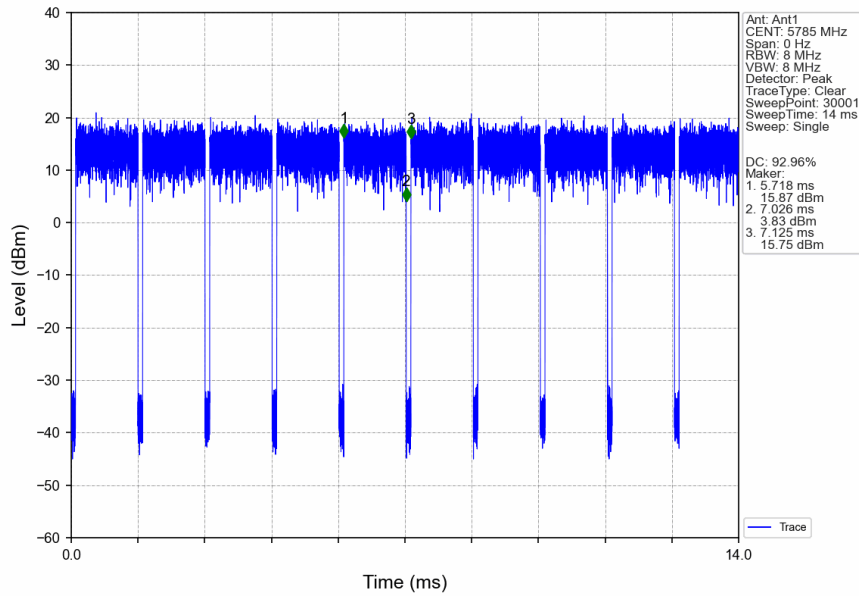
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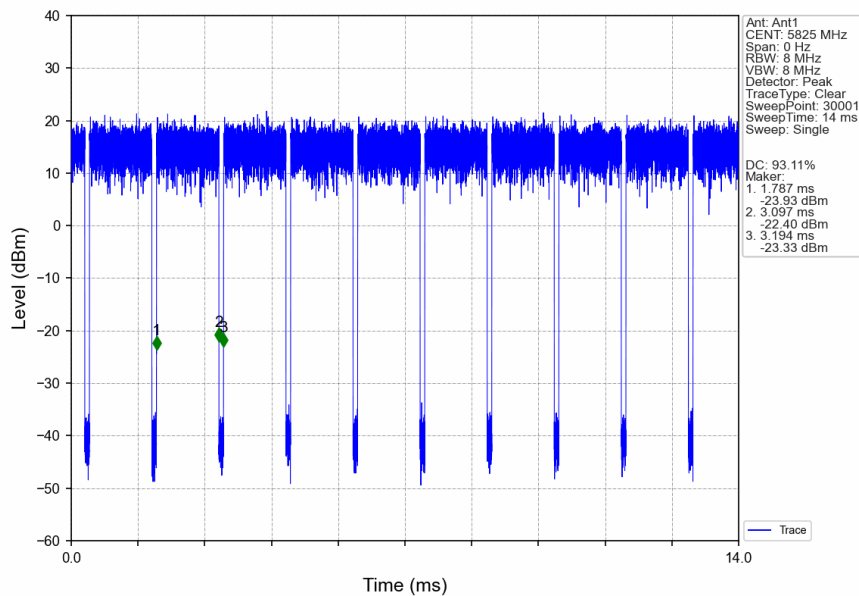
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



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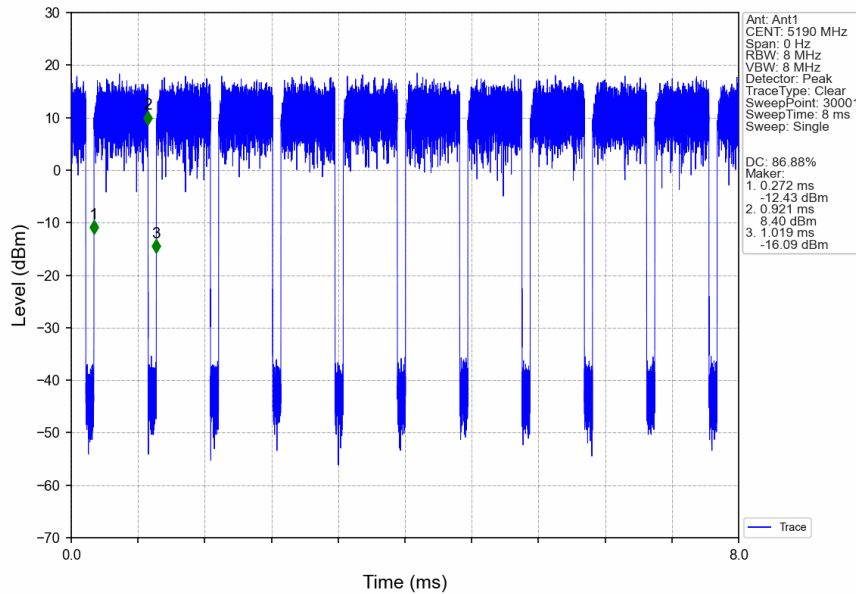
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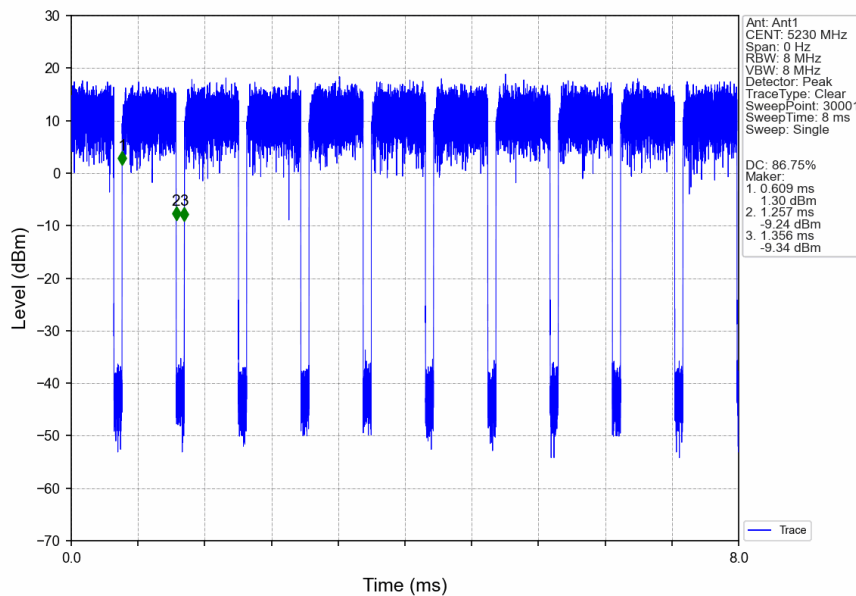
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



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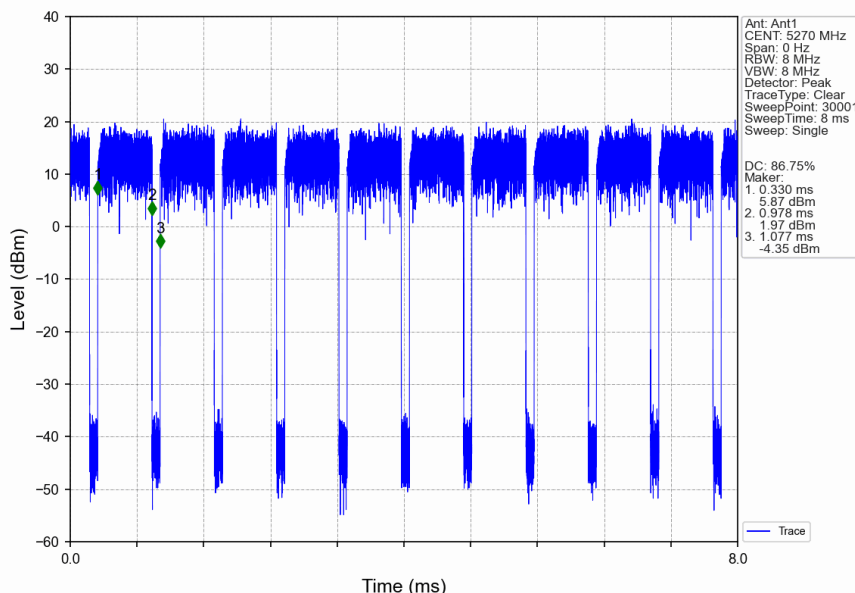
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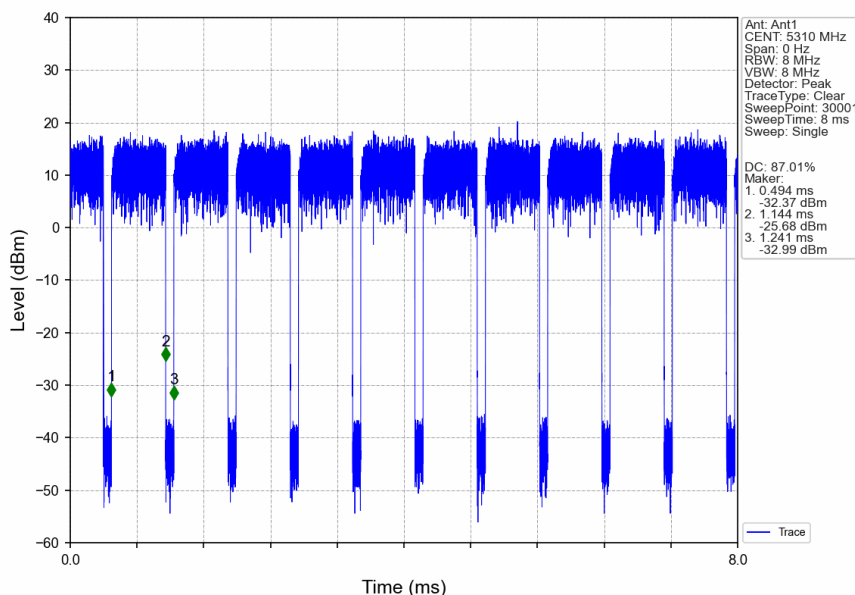
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802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



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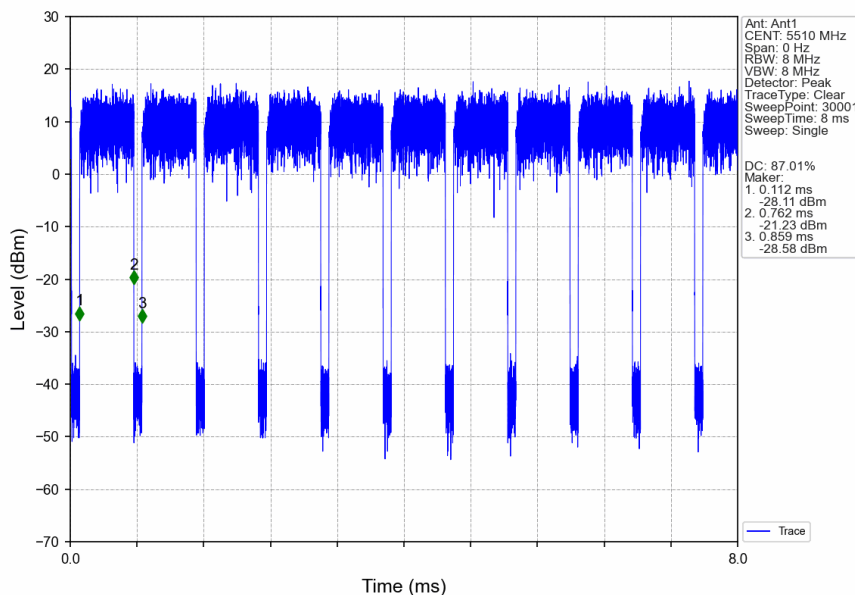
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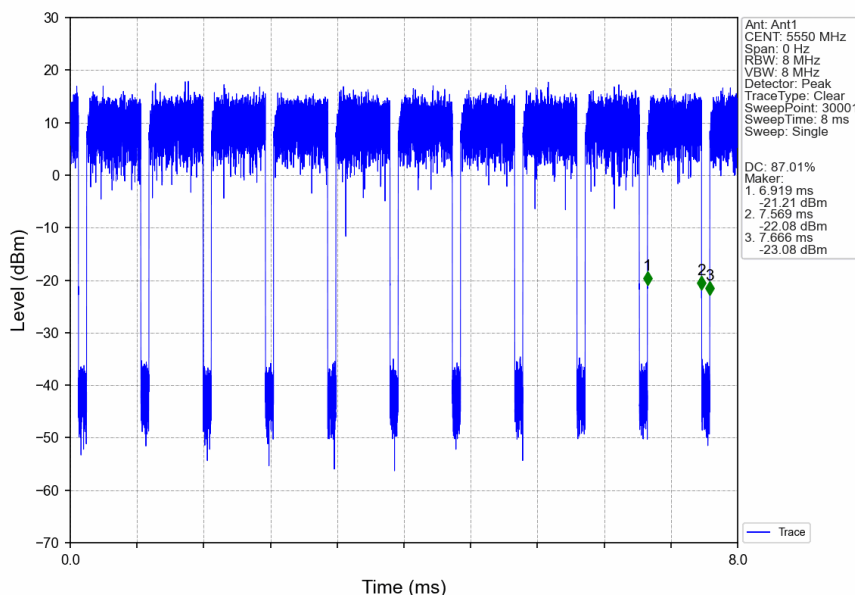
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV

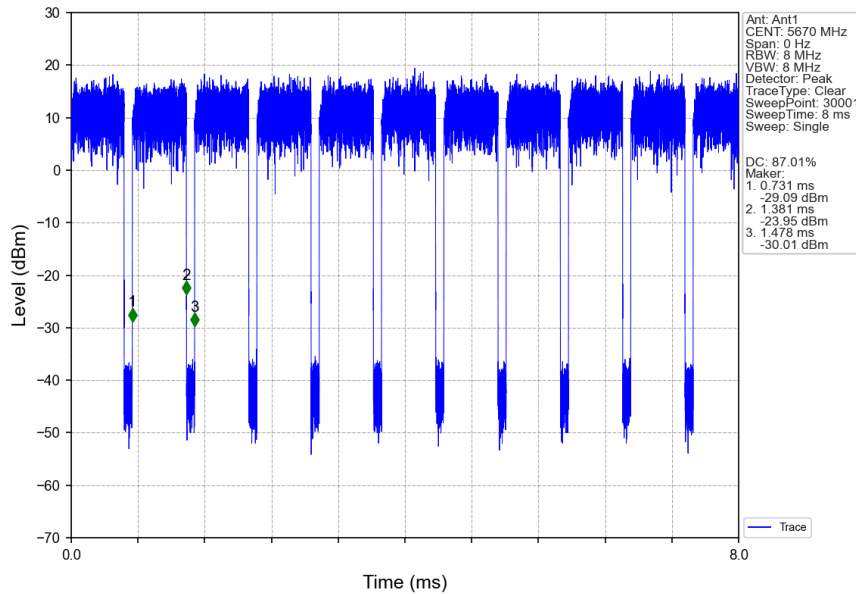


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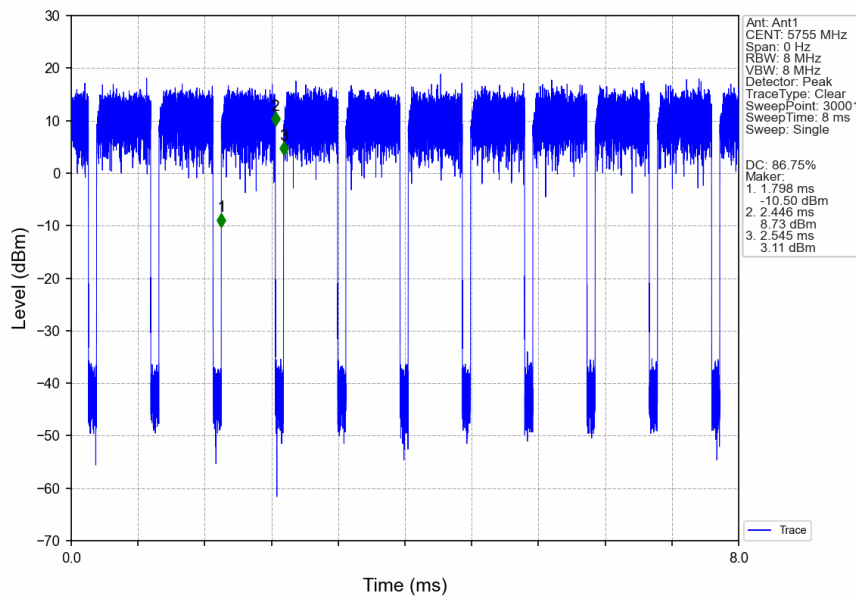
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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



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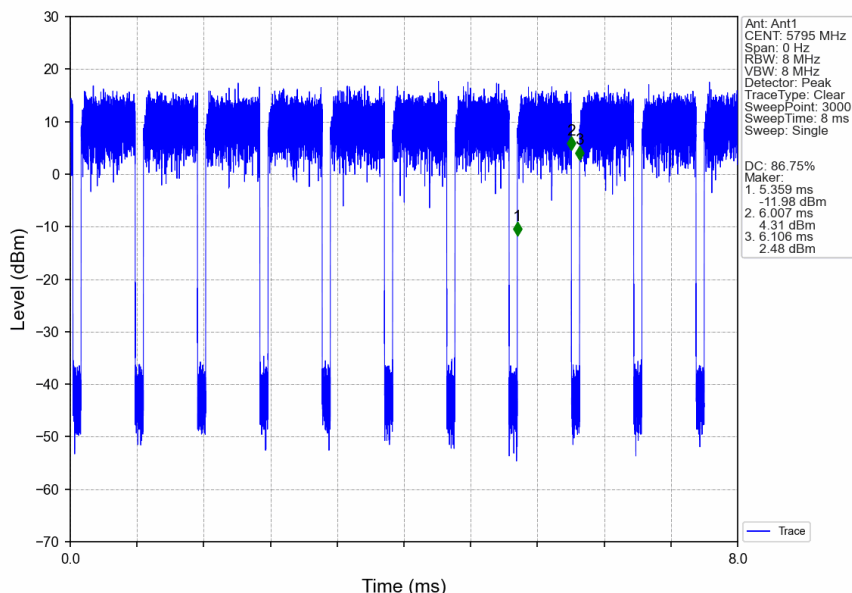
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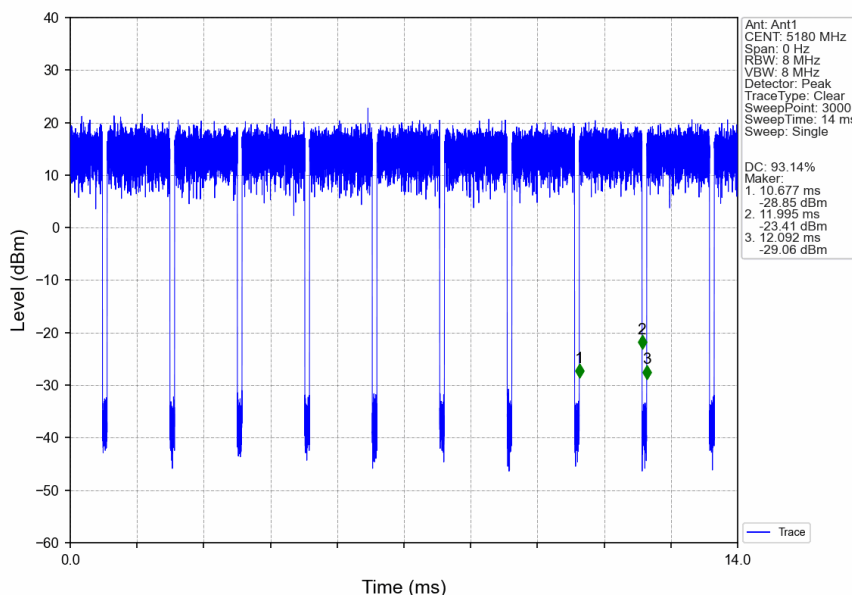
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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