

TEST REPORT

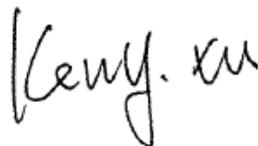
Application No.: SZCR2504001554WM
Applicant: Xiaomi Communications Co., Ltd.
Address of Applicant: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer: Xiaomi Communications Co., Ltd.
Address of Manufacturer: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

Equipment Under Test (EUT):

EUT Description: Mobile Phone
Model No.: 25069PTEBG
Trade Mark: Xiaomi
FCC ID: 2AFZZPTEBG
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2025-04-29
Date of Test: 2025-05-06 to 2025-06-05
Date of Issue: 2025-06-16

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



Keny Xu
EMC Laboratory Manager



Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-06-16		Original

Authorized for issue by:			
		<i>Kevin lan</i>	
		_____ Kevin Lan/Project Engineer	
		<i>Eric Fu</i>	
		_____ Eric Fu/Reviewer	



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2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart E 15.407	N/A	47 CFR Part 15, Subpart C 15.203	Pass
Transmission in the Absence of Data		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 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Maximum Conducted output power		ANSI C63.10 (2013) Section 12.3	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10 (2013) 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 (2013) Section 6.6	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 (2013) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Channel Move Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Duty Cycle		ANSI C63.10 (2013) Section 12.2	ANSI C63.10 (2013) Section 12.2	Pass
99% Bandwidth		ANSI C63.10 (2013) Section 12.4.2	ANSI C63.10 (2013) Section 12.4.2	Pass
26dB Emission bandwidth		ANSI C63.10 (2013) Section 12.4.1	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB bandwidth (5.725-5.85 GHz band)		ANSI C63.10 (2013) Section 6.9.2	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Peak Power spectrum density		ANSI C63.10 (2013) Section 12.5	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Frequency Stability		ANSI C63.10 (2013) Section 6.8	47 CFR Part 15, Subpart E 15.407 (g)	Pass
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass



3 Contents

	Page
1 Cover Page	1
2 Test Summary	3
3 Contents	4
4 General Information	7
4.1 Details of E.U.T.	7
4.2 Environment Parameter.....	8
4.3 Description of Support Units	9
4.4 Measurement Uncertainty	9
4.5 Test Location	10
4.6 Test Facility.....	10
4.7 Deviation from Standards	10
4.8 Abnormalities from Standard Conditions	10
5 Equipment List	11
6 Radio Spectrum Technical Requirement	14
6.1 Antenna Requirement	14
6.1.1 Test Requirement:	14
6.1.2 Conclusion	14
6.2 Transmission in the Absence of Data	15
6.2.1 Test Requirement:	15
6.2.2 Conclusion	15
7 Radio Spectrum Matter Test Results	16
7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)	16
7.1.1 E.U.T. Operation	16
7.1.2 Test Mode Description	16
7.1.3 Test Setup Diagram	17
7.1.4 Measurement Procedure and Data.....	17
7.2 Maximum Conducted output power	20
7.2.1 E.U.T. Operation	20
7.2.2 Test Mode Description	20
7.2.3 Test Setup Diagram	21
7.2.4 Measurement Procedure and Data.....	21
7.3 Radiated Emissions (Below 1GHz).....	22
7.3.1 E.U.T. Operation	22
7.3.2 Test Mode Description	22
7.3.3 Test Setup Diagram	23
7.3.4 Measurement Procedure and Data.....	24
7.4 Radiated Emissions (Above 1GHz).....	27
7.4.1 E.U.T. Operation	27
7.4.2 Test Mode Description	28
7.4.3 Test Setup Diagram	28



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7.4.4	Measurement Procedure and Data.....	29
7.5	Radiated Emissions which fall in the restricted bands	86
7.5.1	E.U.T. Operation	86
7.5.2	Test Mode Description	87
7.5.3	Test Setup Diagram	87
7.5.4	Measurement Procedure and Data.....	88
7.6	Channel Move Time	323
7.6.1	E.U.T. Operation	323
7.6.2	Test Mode Description	324
7.6.3	Test Setup Diagram	324
7.6.4	Measurement Procedure and Data.....	325
7.7	Duty Cycle	326
7.7.1	E.U.T. Operation	326
7.7.2	Test Mode Description	326
7.7.3	Test Setup Diagram	326
7.7.4	Measurement Procedure and Data.....	326
7.8	99% Bandwidth	327
7.8.1	E.U.T. Operation	327
7.8.2	Test Mode Description	327
7.8.3	Test Setup Diagram	327
7.8.4	Measurement Procedure and Data.....	327
7.9	26dB Emission bandwidth	328
7.9.1	E.U.T. Operation	328
7.9.2	Test Mode Description	328
7.9.3	Test Setup Diagram	328
7.9.4	Measurement Procedure and Data.....	328
7.10	Minimum 6 dB bandwidth (5.725-5.85 GHz band)	329
7.10.1	E.U.T. Operation.....	329
7.10.2	Test Mode Description	329
7.10.3	Test Setup Diagram	329
7.10.4	Measurement Procedure and Data.....	329
7.11	Peak Power spectrum density	330
7.11.1	E.U.T. Operation.....	330
7.11.2	Test Mode Description	330
7.11.3	Test Setup Diagram	331
7.11.4	Measurement Procedure and Data.....	331
7.12	Frequency Stability.....	332
7.12.1	E.U.T. Operation.....	332
7.12.2	Test Mode Description	332
7.12.3	Test Setup Diagram	332
7.12.4	Measurement Procedure and Data.....	332
7.13	Channel Closing Transmission Time	333
7.13.1	E.U.T. Operation.....	333
7.13.2	Test Mode Description	334
7.13.3	Test Setup Diagram	334
7.13.4	Measurement Procedure and Data.....	335
8	Test Setup Photo	336
9	EUT Constructional Details (EUT Photos).....	336



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250400155406

Page: 6 of 1188

10 Appendix.....337



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4 General Information

4.1 Details of E.U.T.

EUT Description:	Mobile Phone	
Model No.:	25069PTEBG	
Trade Mark:	Xiaomi	
Hardware Version:	1351P2405	
Software Version:	Xiaomi HyperOS 2.0	
Power supply:	3.93V from internal rechargeable battery which can be charged by adapter.	
WLAN Mode Supported:	802.11a:	20 MHz channel bandwidth
	802.11n:	20 MHz / 40 MHz channel bandwidth
	802.11ac:	20 MHz / 40 MHz / 80 MHz / 160 MHz channel bandwidth
	802.11ax:	20 MHz / 40 MHz / 80 MHz / 160 MHz channel bandwidth
Operation Frequency:	5150MHz to 5250MHz	
	5250MHz to 5350MHz	
	5470MHz to 5725MHz	
	5725MHz to 5850MHz	
Modulation Type:	802.11a:	OFDM (BPSK, QPSK, 16QAM, 64QAM)
	802.11n:	OFDM (BPSK, QPSK, 16QAM, 64QAM)
	802.11ac:	OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)
	802.11ax:	OFDM/OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
Channel Spacing:	20MHz:	802.11a/n(HT20)/ac(VHT20)/ax(HE20)
	40MHz:	802.11n(HT40)/ac(VHT40)/ax(HE40)
	80MHz:	802.11ac(VHT80)/ax(HE80)
	160MHz:	802.11ac(VHT160)/ax(HE160)
Antenna Type:	Fixed Internal Antenna	
Antenna Gain:	5150MHz to 5250MHz: 0dBi(Ant17); 0dBi(Ant18);	
	5250MHz to 5350MHz: -0.11dBi(Ant17); -0.19dBi(Ant18);	
Antenna Gain:	5470MHz to 5725MHz: -0.01dBi(Ant17); -0.88dBi(Ant18);	
	5725MHz to 5850MHz: -0.39dBi(Ant17); -2.11dBi(Ant18);	
Smart System:	Note: The antenna gain are derived from the gain information report provided by the manufacturer.	
	<input checked="" type="checkbox"/> SISO	802.11a/n/ac/ax
	<input checked="" type="checkbox"/> MIMO	802.11a/n/ac/ax: 2Tx & 2Rx



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	<input checked="" type="checkbox"/> Diversity	CDD: 802.11a: 2Tx & 2Rx
TPC Function:	<input checked="" type="checkbox"/> Support, <input type="checkbox"/> Not Support	
DFS Function:	<input type="checkbox"/> Master	
	<input type="checkbox"/> Slave with radar detection	<input checked="" type="checkbox"/> Slave without radar detection
RF Cable:	4900MHz ~ 5250MHz(1.6dB)	5250MHz ~ 5350MHz(1.7dB)
	5470MHz ~ 5725MHz(1.8dB)	5725MHz ~ 5850MHz (2dB)
Remark: As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.		

4.2 Environment Parameter

Environment Parameter	1020 mbar Selected Values During Tests	
Relative Humidity	40-50.8 % RH Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	22.2~24.5	3.93
Note: NV:Normal Voltage LV:Low Extreme Test Voltage HV:High Extreme Test Voltage NT:Normal Temperature LT:Low Extreme Test Temperature HT:High Extreme Test Temperature		



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4.3 Description of Support Units

Description	Manufacturer	Model No.	FCC ID
Router	NETGEAR	R7800	PY315100319

4.4 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	± 3.1dB
Maximum Conducted output power	± 0.75dB
Radiated Emissions (Below 1GHz)	± 6.0dB for 3m; ± 5.0dB for 10m
Radiated Emissions (Above 1GHz)	± 4.6dB (1-18GHz); ± 4.8dB (18-40GHz)
Radiated Emissions which fall in the restricted bands	± 6.0dB (below 1GHz); ± 4.6dB (above 1GHz);
Duty Cycle	± 0.37%
99% Bandwidth	± 3%
26dB Emission bandwidth	± 3%
Minimum 6 dB bandwidth (5.725-5.85 GHz band)	± 3%
Peak Power spectrum density	± 2.84dB
Frequency Stability	± 7.25 x 10-8

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.



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4.5 Test Location

All tests were performed at:

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

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

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

No tests were sub-contracted.

4.6 Test Facility

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

• **A2LA (Certificate No. 3816.01)**

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

• **VCCI (Member No. 1937)**

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

• **FCC –Designation Number: CN1336**

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

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

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

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

CAB identifier: CN0006.

IC#: 4620C.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None



5 Equipment List

Conducted Emissions at AC Power Line (150kHz-30MHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2022-05-14	2025-05-13
				2025-05-07	2028-05-06
EMI Test Receiver	Rohde&Schwarz	ESR	SZ-WRG-M-047	2025-01-08	2026-01-07
Matching Pad	N/A	N/A	SEM021-23	2025-03-19	2026-03-18
Matching Pad	N/A	N/A	SEM021-24	2025-03-19	2026-03-18
Measurement Software	AUDIX	e3 V8.2014-6-27a	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2024-07-06	2025-07-05
LISN	Rohde&Schwarz	ENV216	SEM007-01	2024-08-15	2025-08-14
LISN	ETS-LINDGREN	3816/2	SEM007-02	2025-03-03	2026-03-02

RF Conducted Test					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Power Sensor	TST PASS	TSPS2023R	SEM009-26	2025-03-04	2026-03-03
Power Sensor	KEYSIGHT	U2021XA	SEM009-16	2025-03-04	2026-03-03
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2024-08-14	2025-08-13
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2025-03-04	2026-03-03
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2024-09-14	2025-09-13
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2024-07-06	2025-07-05
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2025-03-03	2026-03-02
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2025-02-26	2026-02-25



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250400155406

Page: 12 of 1188

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

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



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

DFS					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Manual Step Attenuator	KEYSIGHT	8494B	SEM021-05	2025-03-14	2026-03-13
Manual Step Attenuator	KEYSIGHT	8496B	SEM021-06	2025-03-14	2026-03-13
Measurement Software	KEYSIGHT	Signal Studio for DFS Radar Profiles V2.2.0.0	N/A	N/A	N/A
Measurement Software	Agilent	ISMonitor10	N/A	N/A	N/A
MXG Vector Signal Generator	Agilent	N5182A	SEM006-21	2025-03-14	2026-03-13
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-22	2025-03-03	2026-03-02

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



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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

15.203 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.

EUT Antenna:

The antenna is a Fixed Internal Antenna, and the connection port is integrated inside the product, and the antenna cannot be replaced.

5150MHz to 5250MHz: 0dBi(Ant17); 0dBi(Ant18);*

5250MHz to 5350MHz: -0.11dBi(Ant17); -0.19dBi(Ant18);*

5470MHz to 5725MHz: -0.01dBi(Ant17); -0.88dBi(Ant18);*

5725MHz to 5850MHz: -0.39dBi(Ant17); -2.11dBi(Ant18);*

*Note:

The antenna gain are derived from the gain information report provided by the manufacturer.

Remark:

As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.



6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

Standard Requirement:

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

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

EUT Details:

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



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 (2013) Section 6.2

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:

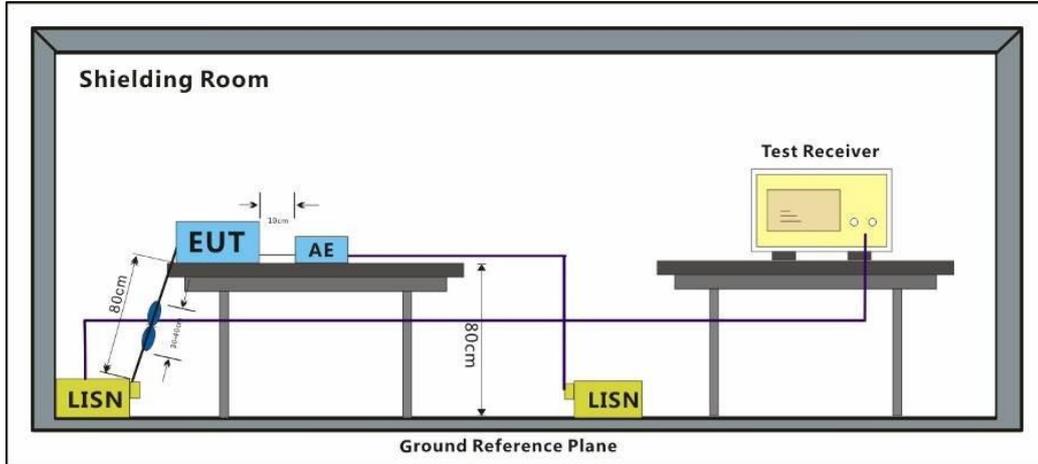
Temperature: 22.5 °C Humidity: 44.5 % RH Atmospheric Pressure: 1020 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode_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 (20/40/80/160M), Only the data of worst case is recorded in the report.



7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

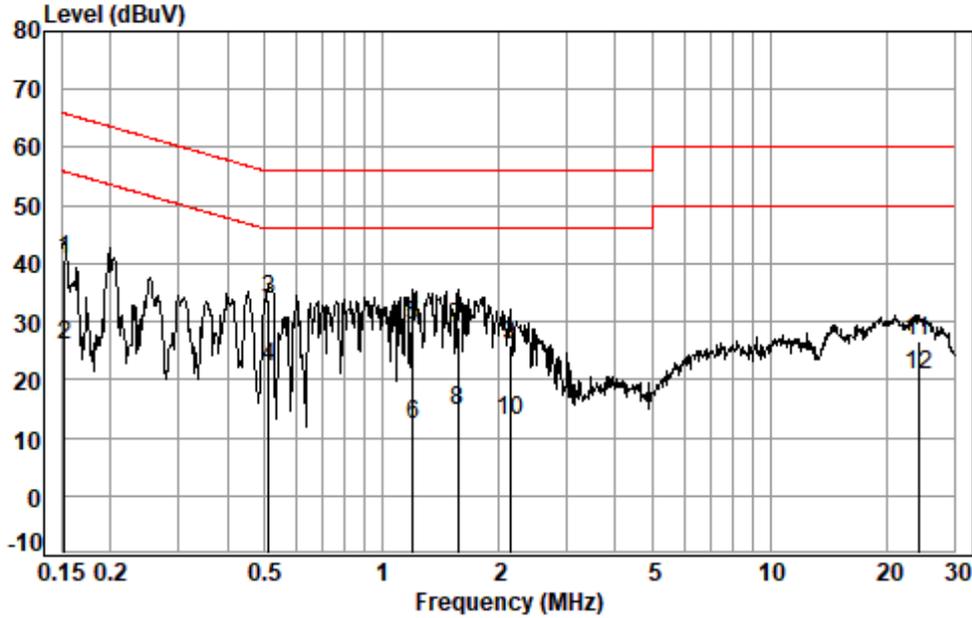
- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50μH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to 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.



Test Mode: 09; Line: Live line

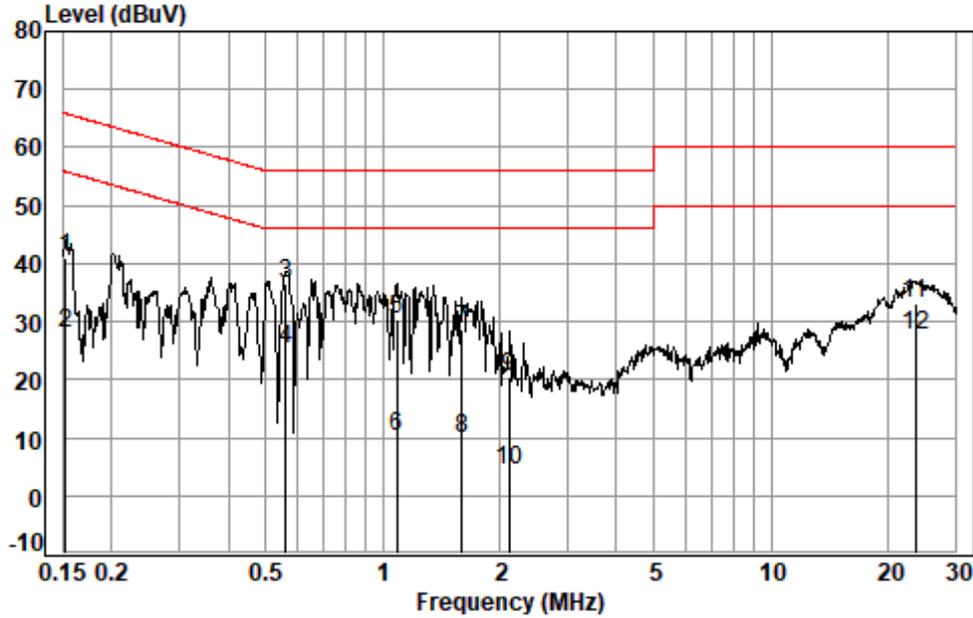


Site : Shielding Room
 Condition: Line
 Job No. : 01554WM
 Test mode: 09

	Freq	Cable Loss	LISN Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1524	0.06	10.19	30.54	40.79	65.87	-25.08	QP
2	0.1524	0.06	10.19	15.67	25.92	55.87	-29.95	Average
3 *	0.5128	0.08	9.55	24.05	33.68	56.00	-22.32	QP
4 *	0.5128	0.08	9.55	12.60	22.23	46.00	-23.77	Average
5	1.2034	0.09	9.58	19.62	29.29	56.00	-26.71	QP
6	1.2034	0.09	9.58	2.48	12.15	46.00	-33.85	Average
7	1.5684	0.10	9.58	19.41	29.09	56.00	-26.91	QP
8	1.5684	0.10	9.58	5.03	14.71	46.00	-31.29	Average
9	2.1439	0.10	9.59	16.28	25.97	56.00	-30.03	QP
10	2.1439	0.10	9.59	3.30	12.99	46.00	-33.01	Average
11	24.1423	0.33	10.26	15.86	26.45	60.00	-33.55	QP
12	24.1423	0.33	10.26	10.31	20.90	50.00	-29.10	Average



Test Mode: 09; Line: Neutral Line



Site : Shielding Room
 Condition: Neutral
 Job No. : 01554WM
 Test mode: 09

	Freq	Cable Loss	LISN Factor	Read Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dB	
1	0.1524	0.06	10.15	30.75	40.96	65.87	QP
2	0.1524	0.06	10.15	17.64	27.85	55.87	Average
3 *	0.5641	0.08	9.69	26.66	36.43	56.00	QP
4 *	0.5641	0.08	9.69	15.36	25.13	46.00	Average
5	1.0881	0.09	9.54	20.75	30.38	56.00	QP
6	1.0881	0.09	9.54	0.53	10.16	46.00	Average
7	1.6020	0.10	9.55	18.91	28.56	56.00	QP
8	1.6020	0.10	9.55	0.28	9.93	46.00	Average
9	2.1213	0.10	9.55	10.68	20.33	56.00	QP
10	2.1213	0.10	9.55	-5.28	4.37	46.00	Average
11	23.5112	0.33	10.36	22.42	33.11	60.00	QP
12	23.5112	0.33	10.36	17.09	27.78	50.00	Average



7.2 Maximum Conducted output power

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

Test Method: ANSI C63.10 (2013) Section 12.3

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.

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C Humidity: 40.0 % RH Atmospheric Pressure: 1020 mbar

7.2.2 Test Mode Description

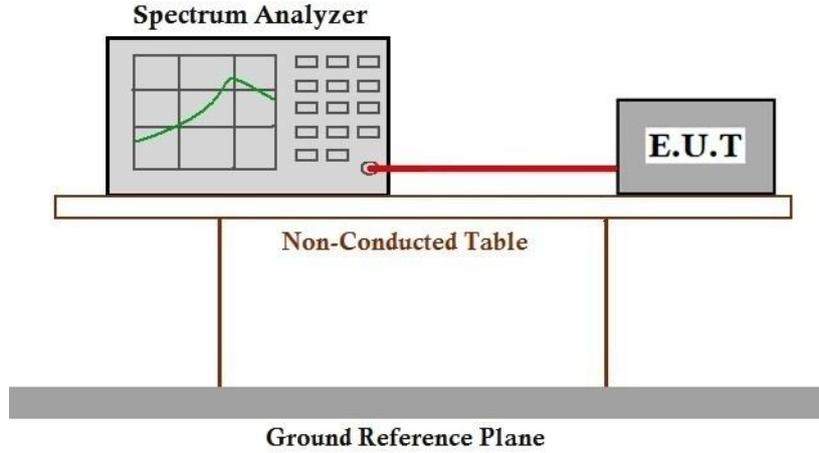
Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax (20/40/80/160M), Only the data of worst case is recorded in the report.



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7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

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

Please Refer to Appendix for Details



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7.3 Radiated Emissions (Below 1GHz)

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

Test Method: ANSI C63.10 (2013) Section 6.4,6.5

Measurement Distance: 3m

Limit:

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

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C Humidity: 46.8 % RH Atmospheric Pressure: 1020 mbar

7.3.2 Test Mode Description

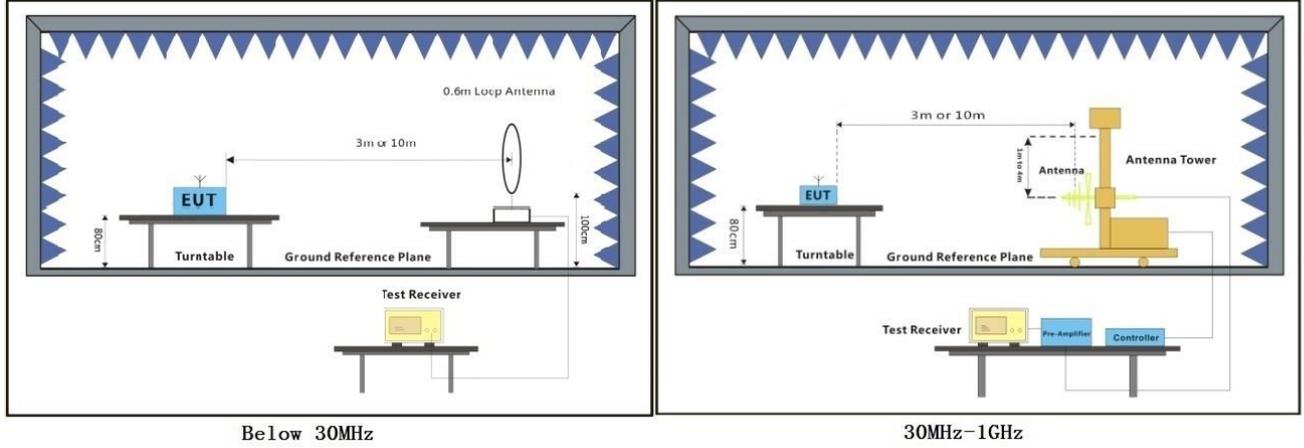
Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax (20/40/80/160M), Only the data of worst case is recorded in the report.



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7.3.3 Test Setup Diagram



Below 30MHz

30MHz-1GHz



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7.3.4 Measurement Procedure and Data

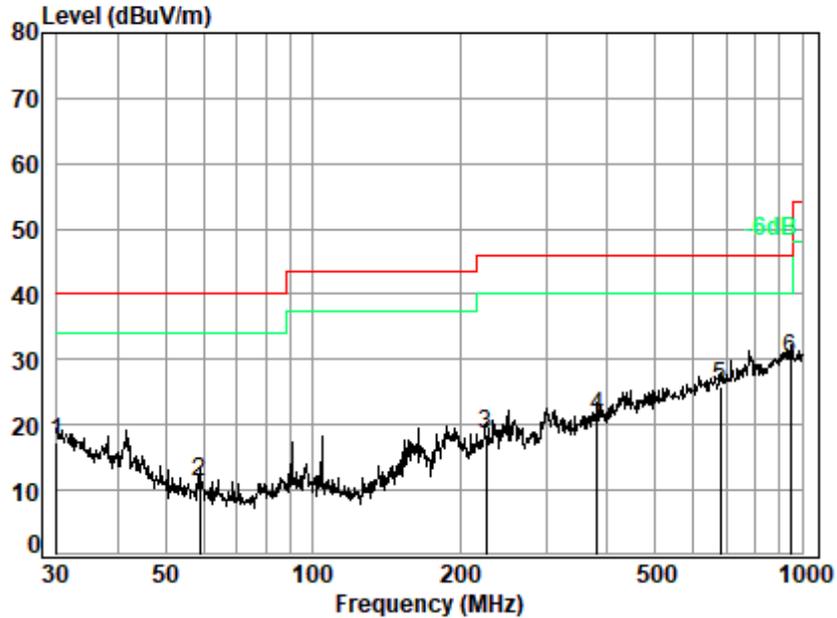
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 or 10 meters away from the interference-receiving antenna,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

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.
3. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.



Test Mode: 09; Polarity: Horizontal



Site : chamber
 Condition: 3m HORIZONTAL
 Job No. : 01554WM
 Test Mode: 09

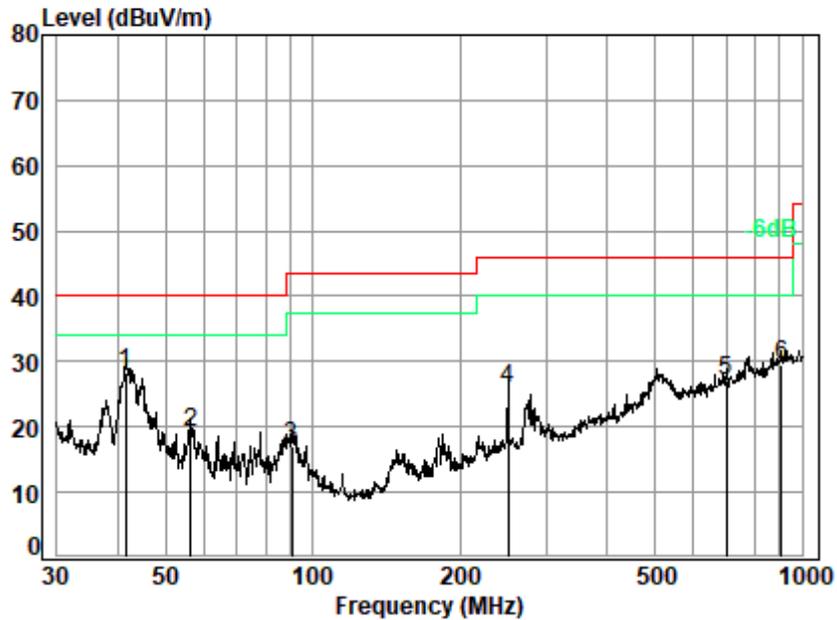
	Ant Freq	Cable Factor	Preamp Loss	Read Level	Limit Level	Over Line	Remark
	MHz	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	30.000	21.20	0.67	27.79	23.30	40.00	-22.62 QP
2	58.613	11.63	0.94	27.71	26.37	40.00	-28.77 QP
3	226.099	15.89	1.89	27.06	27.78	46.00	-27.50 QP
4	381.249	20.91	2.52	27.08	24.95	46.00	-24.70 QP
5	682.348	25.80	3.49	27.77	24.44	46.00	-20.04 QP
6 q	948.761	28.23	4.25	26.42	24.04	46.00	-15.90 QP



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Test Mode: 09; Polarity: Vertical



Site : chamber
 Condition: 3m VERTICAL
 Job No. : 01554WM
 Test Mode: 09

		Ant	Cable	Preamp	Read	Limit	Over			
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit		
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		
1	q	41.422	15.69	0.79	27.76	39.63	28.35	40.00	-11.65	QP
2		56.395	11.81	0.92	27.72	34.15	19.16	40.00	-20.84	QP
3		90.537	11.77	1.16	27.62	31.76	17.07	43.50	-26.43	QP
4		250.301	17.24	2.00	26.96	33.42	25.70	46.00	-20.30	QP
5		699.305	25.93	3.54	27.73	25.31	27.05	46.00	-18.95	QP
6		906.482	27.87	4.14	26.72	24.33	29.62	46.00	-16.38	QP



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7.4 Radiated Emissions (Above 1GHz)

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

Test Method: ANSI C63.10 (2013) Section 6.6

Measurement Distance: 3m

Limit:

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

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

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

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

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

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

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

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 24.5 °C Humidity: 50.8 % RH Atmospheric Pressure: 1020 mbar



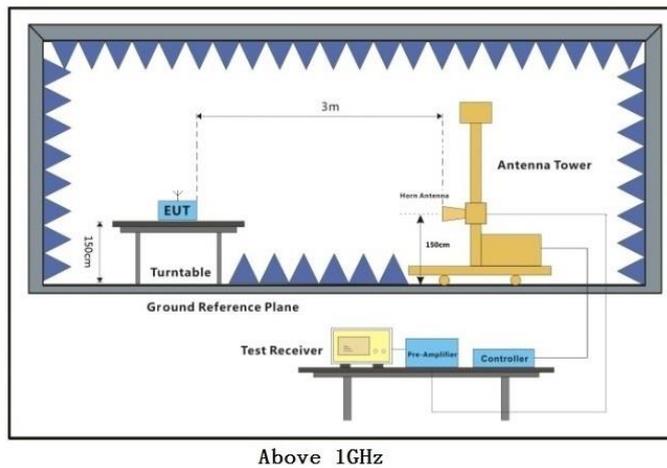
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7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode_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 (20/40/80/160M), Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

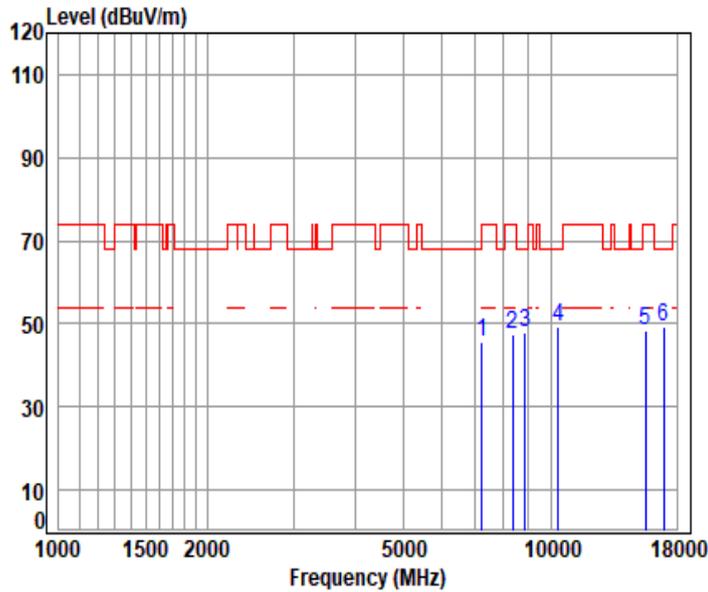
- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which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

Remark:

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



11a_TX_CH_36_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5180 TX RSE
 : 5G Wi-Fi 11a

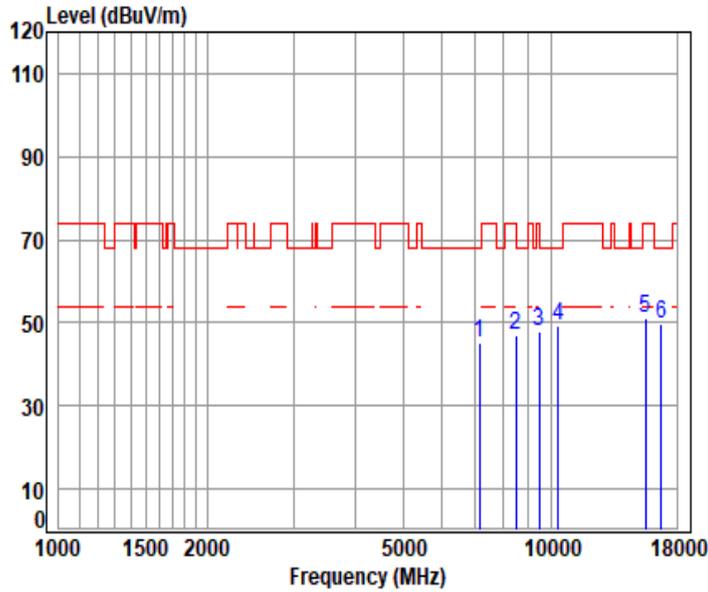
	Cable Freq	Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7226.345	11.52	36.60	56.52	53.96	45.56	68.20	-22.64 peak
2	8350.908	11.69	38.70	55.58	52.78	47.59	74.00	-26.41 peak
3	8850.100	12.23	38.50	55.13	52.28	47.88	68.20	-20.32 peak
4	pp10360.000	13.60	39.00	53.88	50.67	49.39	68.20	-18.81 peak
5	15540.000	17.00	38.56	54.14	47.08	48.50	74.00	-25.50 peak
6	16932.880	18.14	39.63	54.28	45.65	49.14	68.20	-19.06 peak



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11a_TX_CH_36_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5180 TX RSE

: 5G Wi-Fi 11a

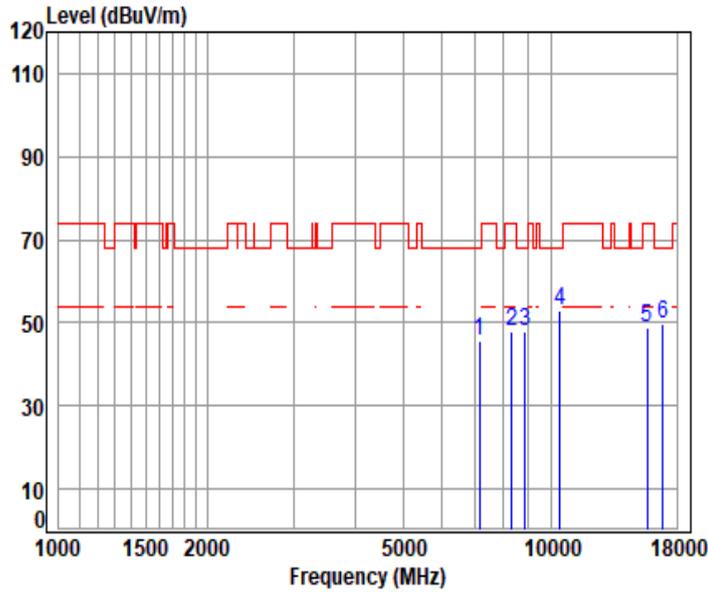
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7145.831	11.77	36.49	56.58	53.65	45.33	68.20	-22.87 peak
2	8496.769	12.29	38.31	55.45	52.00	47.15	74.00	-26.85 peak
3	9446.244	12.42	38.80	54.60	51.27	47.89	74.00	-26.11 peak
4	10360.000	13.60	39.00	53.88	50.52	49.24	68.20	-18.96 peak
5	15540.000	17.00	38.56	54.14	49.56	50.98	74.00	-23.02 peak
6	pp16744.220	17.53	39.49	54.22	46.73	49.53	68.20	-18.67 peak



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11a_TX_CH_44_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5220 TX RSE
 : 5G Wi-Fi 11a

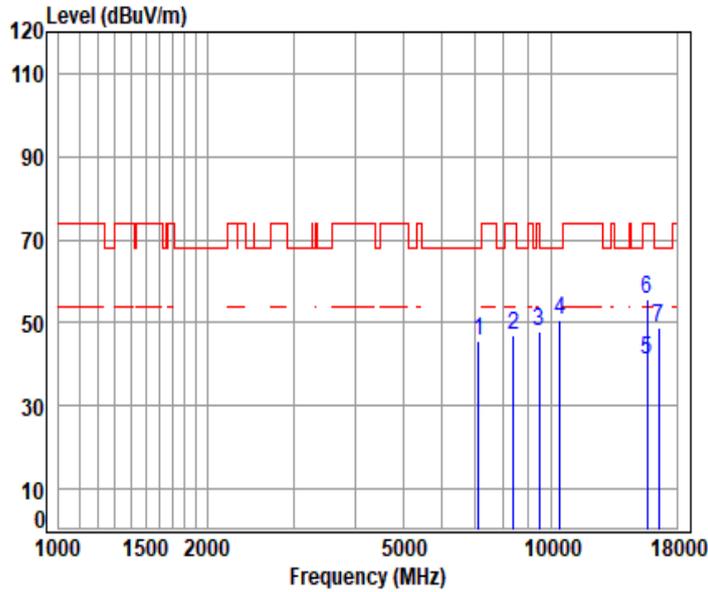
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7153.113	11.74	36.51	56.58	53.75	45.42	68.20	-22.78 peak
2	8325.429	11.73	38.31	55.61	53.32	47.75	74.00	-26.25 peak
3	8859.119	12.23	38.52	55.13	52.46	48.08	68.20	-20.12 peak
4	pp10440.000	13.63	39.04	53.84	53.93	52.76	68.20	-15.44 peak
5	15660.000	17.23	38.56	54.10	47.12	48.81	74.00	-25.19 peak
6	16898.430	18.17	39.60	54.27	46.01	49.51	68.20	-18.69 peak



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11a_TX_CH_44_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5220 TX RSE

: 5G Wi-Fi 11a

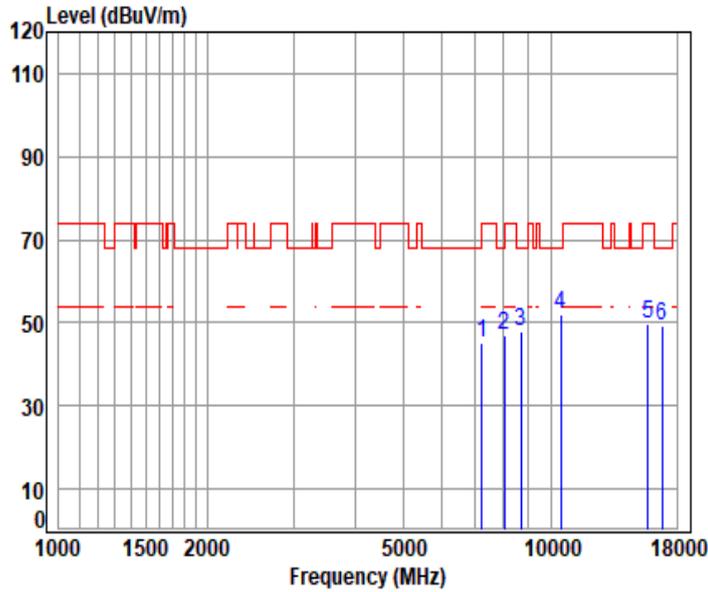
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7138.557	11.81	36.48	56.59	53.99	45.69	68.20	-22.51 peak
2	8385.002	11.65	38.63	55.55	52.48	47.21	74.00	-26.79 peak
3	9465.507	12.47	38.83	54.58	51.37	48.09	74.00	-25.91 peak
4	pk10440.000	13.63	39.04	53.84	51.89	50.72	68.20	-17.48 peak
5	pp15660.000	17.23	38.56	54.10	39.35	41.04	54.00	-12.96 Average
6	15660.000	17.23	38.56	54.10	53.97	55.66	74.00	-18.34 peak
7	16540.810	17.70	39.02	54.16	46.21	48.77	68.20	-19.43 peak



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11a_TX_CH_48_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5240 TX RSE
 : 5G Wi-Fi 11a

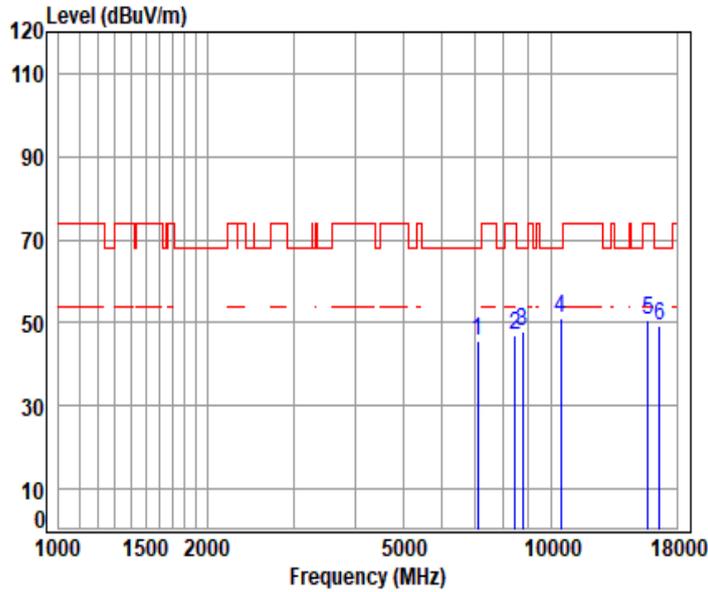
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7241.082	11.52	36.60	56.51	53.65	45.26	68.20	-22.94 peak
2	8025.677	11.53	37.80	55.88	53.62	47.07	74.00	-26.93 peak
3	8689.318	12.08	38.56	55.28	52.72	48.08	68.20	-20.12 peak
4	pp10480.000	13.64	39.08	53.81	53.17	52.08	68.20	-16.12 peak
5	15720.000	17.22	38.58	54.08	47.84	49.56	74.00	-24.44 peak
6	16829.720	17.67	39.60	54.25	46.19	49.21	68.20	-18.99 peak



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11a_TX_CH_48_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5240 TX RSE

: 5G Wi-Fi 11a

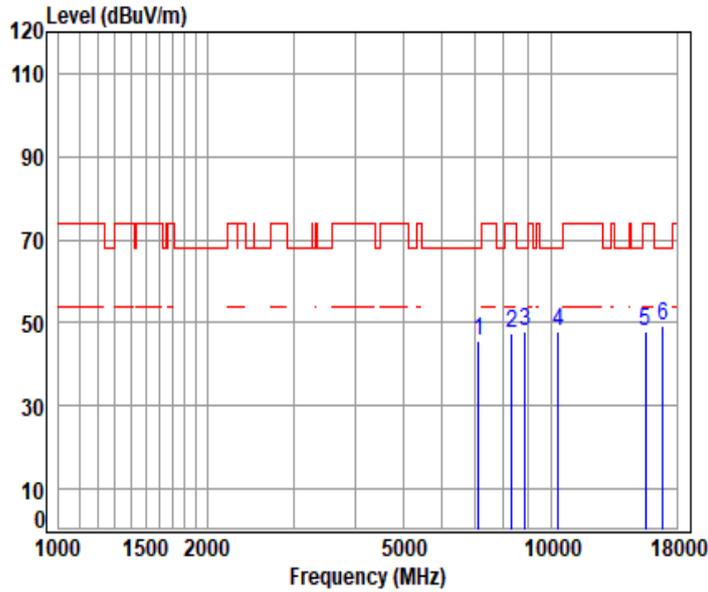
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7095.063	11.96	36.39	56.62	53.87	45.60	68.20	-22.60 peak
2	8445.000	11.94	38.42	55.50	52.07	46.93	74.00	-27.07 peak
3	8742.585	12.16	38.51	55.23	52.48	47.92	68.20	-20.28 peak
4	10480.000	13.64	39.08	53.81	52.39	51.30	68.20	-16.90 peak
5	15720.000	17.22	38.58	54.08	49.07	50.79	74.00	-23.21 peak
6	16608.340	17.64	39.22	54.18	46.55	49.23	68.20	-18.97 peak



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11ax_20M_TX_CH_36_Horizontal



Condition: 3m HORIZONTAL

Job No : 01544WM

Mode : 5180 TX RSE

: 5G Wi-Fi 11ax20

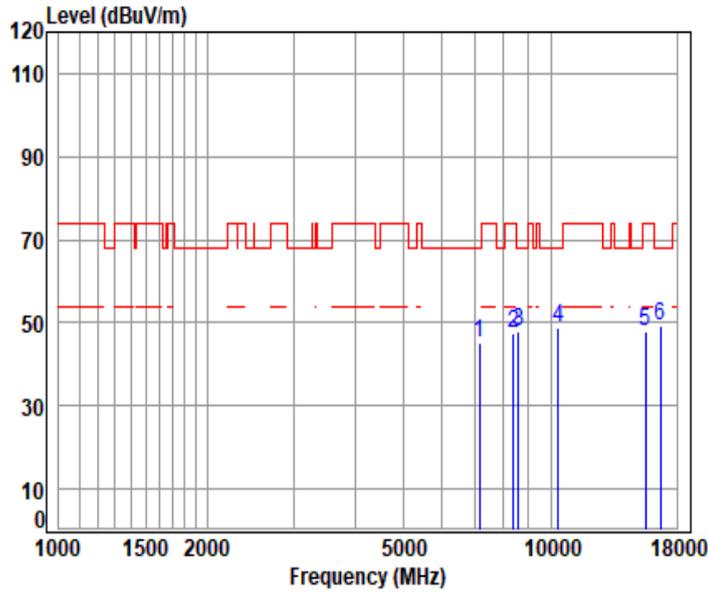
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7116.776	11.91	36.43	56.61	53.95	45.68	68.20	-22.52 peak	
2	8325.429	11.73	38.31	55.61	52.92	47.35	74.00	-26.65 peak	
3	8868.147	12.23	38.54	55.12	52.42	48.07	68.20	-20.13 peak	
4	10360.000	13.60	39.00	53.88	49.33	48.05	68.20	-20.15 peak	
5	15540.000	17.00	38.56	54.14	46.38	47.80	74.00	-26.20 peak	
6	pp16864.040	17.92	39.60	54.26	45.88	49.14	68.20	-19.06 peak	



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11ax_20M_TX_CH_36_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5180 TX RSE

: 5G Wi-Fi 11ax20

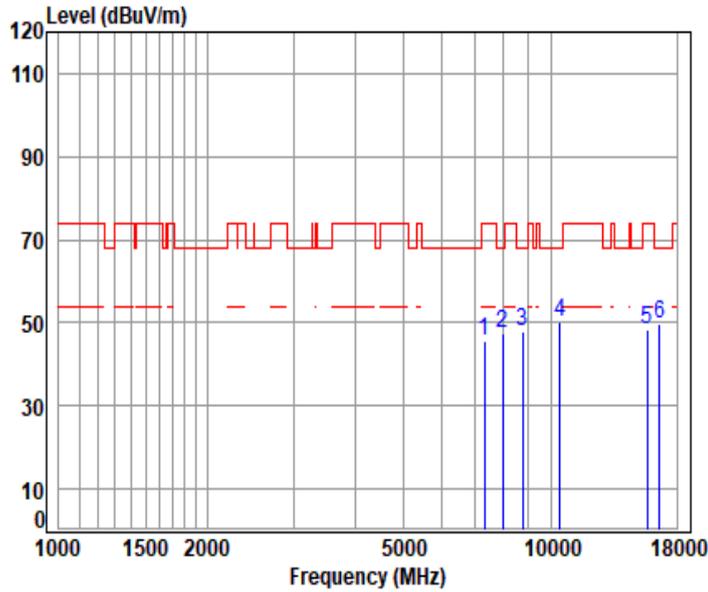
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7160.403	11.71	36.52	56.57	53.31	44.97	68.20	-23.23 peak
2	8376.465	11.66	38.65	55.56	52.65	47.40	74.00	-26.60 peak
3	8592.505	11.99	38.47	55.37	52.87	47.96	68.20	-20.24 peak
4	10360.000	13.60	39.00	53.88	50.08	48.80	68.20	-19.40 peak
5	15540.000	17.00	38.56	54.14	46.64	48.06	74.00	-25.94 peak
6	pp16659.160	17.61	39.32	54.20	46.75	49.48	68.20	-18.72 peak



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11ax_20M_TX_CH_44_Horizontal



Condition: 3m HORIZONTAL

Job No : 01544WM

Mode : 5220 TX RSE

: 5G Wi-Fi 11ax20

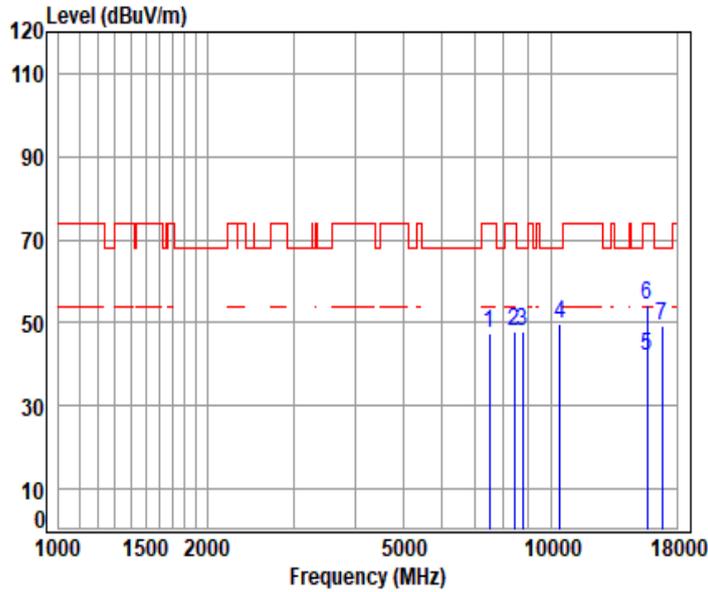
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7315.214	11.51	36.73	56.45	53.68	45.47	74.00	-28.53 peak	
2	7984.908	11.56	37.77	55.91	54.08	47.50	68.20	-20.70 peak	
3	8769.341	12.20	38.50	55.21	52.60	48.09	68.20	-20.11 peak	
4	pp10440.000	13.63	39.04	53.84	51.36	50.19	68.20	-18.01 peak	
5	15660.000	17.23	38.56	54.10	46.70	48.39	74.00	-25.61 peak	
6	16625.260	17.63	39.25	54.19	46.82	49.51	68.20	-18.69 peak	



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11ax_20M_TX_CH_44_Vertical



Condition: 3m VERTICAL
 Job No : 01544WM
 Mode : 5220 TX RSE
 : 5G Wi-Fi 11ax20

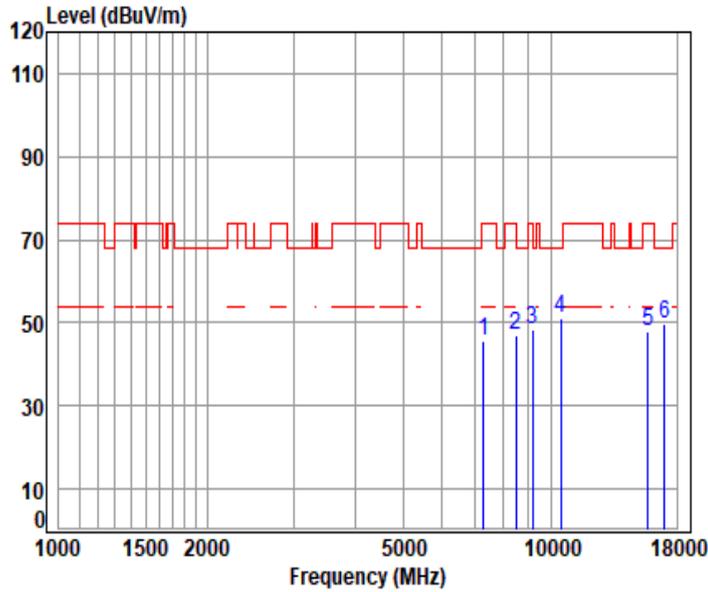
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7488.611	11.26	36.80	56.31	55.66	47.41	74.00	-26.59 peak
2	8410.663	11.70	38.56	55.53	53.11	47.84	74.00	-26.16 peak
3	8760.413	12.19	38.50	55.22	52.64	48.11	68.20	-20.09 peak
4	pk10440.000	13.63	39.04	53.84	51.00	49.83	68.20	-18.37 peak
5	pp15660.000	17.23	38.56	54.10	40.15	41.84	54.00	-12.16 Average
6	15660.000	17.23	38.56	54.10	52.50	54.19	74.00	-19.81 peak
7	16829.720	17.67	39.60	54.25	46.28	49.30	68.20	-18.90 peak



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11ax_20M_TX_CH_48_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5240 TX RSE
 : 5G Wi-Fi 11ax20

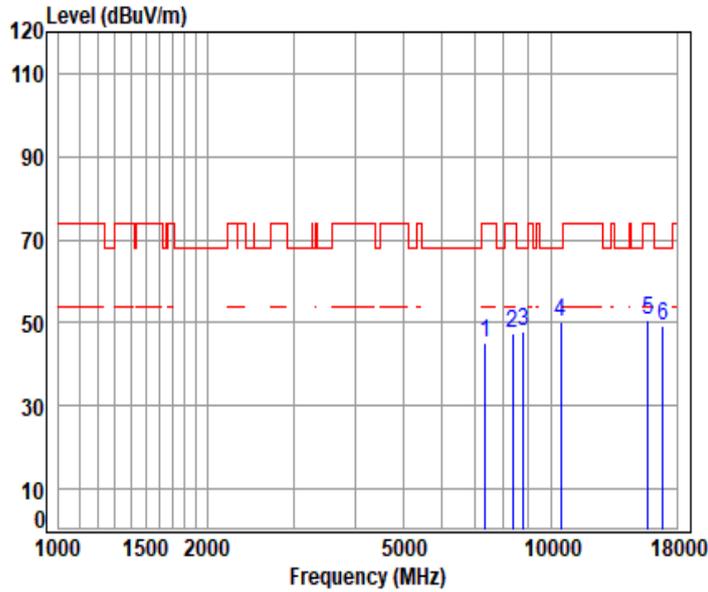
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7292.895	11.51	36.69	56.47	53.78	45.51	74.00	-28.49 peak
2	8470.845	12.11	38.36	55.48	51.98	46.97	74.00	-27.03 peak
3	9161.960	12.24	38.46	54.85	52.68	48.53	74.00	-25.47 peak
4	pp10480.000	13.64	39.08	53.81	52.18	51.09	68.20	-17.11 peak
5	15720.000	17.22	38.58	54.08	46.36	48.08	74.00	-25.92 peak
6	17002.020	18.08	39.70	54.30	46.03	49.51	68.20	-18.69 peak



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11ax_20M_TX_CH_48_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5240 TX RSE

: 5G Wi-Fi 11ax20

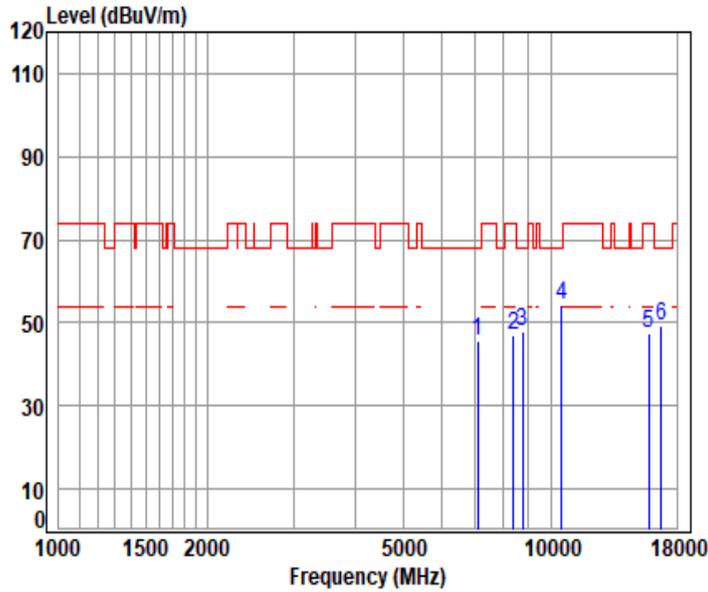
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7345.079	11.51	36.79	56.42	53.31	45.19	74.00	-28.81 peak	
2	8359.419	11.68	38.68	55.58	52.57	47.35	74.00	-26.65 peak	
3	8796.179	12.24	38.50	55.18	52.37	47.93	68.20	-20.27 peak	
4	10480.000	13.64	39.08	53.81	51.46	50.37	68.20	-17.83 peak	
5	15720.000	17.22	38.58	54.08	49.03	50.75	74.00	-23.25 peak	
6	16846.870	17.80	39.60	54.25	45.94	49.09	68.20	-19.11 peak	



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11a_TX_CH_52_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5260 TX RSE
 : 5G Wi-Fi 11a

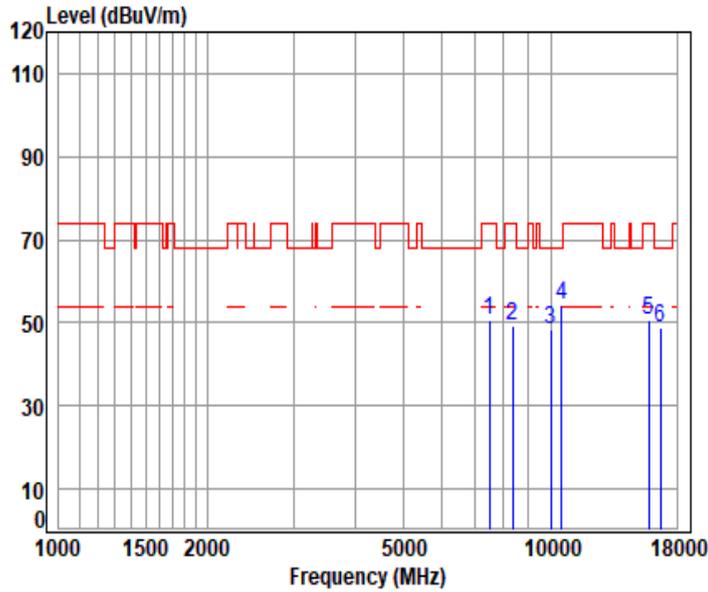
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7095.063	11.96	36.39	56.62	53.74	45.47	68.20	-22.73 peak
2	8402.101	11.64	38.59	55.54	52.39	47.08	74.00	-26.92 peak
3	8742.585	12.16	38.51	55.23	52.38	47.82	68.20	-20.38 peak
4	pp10520.000	13.63	39.14	53.79	55.33	54.31	68.20	-13.89 peak
5	15780.000	17.08	38.52	54.07	45.80	47.33	74.00	-26.67 peak
6	16727.180	17.55	39.45	54.22	46.52	49.30	68.20	-18.90 peak



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11a_TX_CH_52_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5260 TX RSE

: 5G Wi-Fi 11a

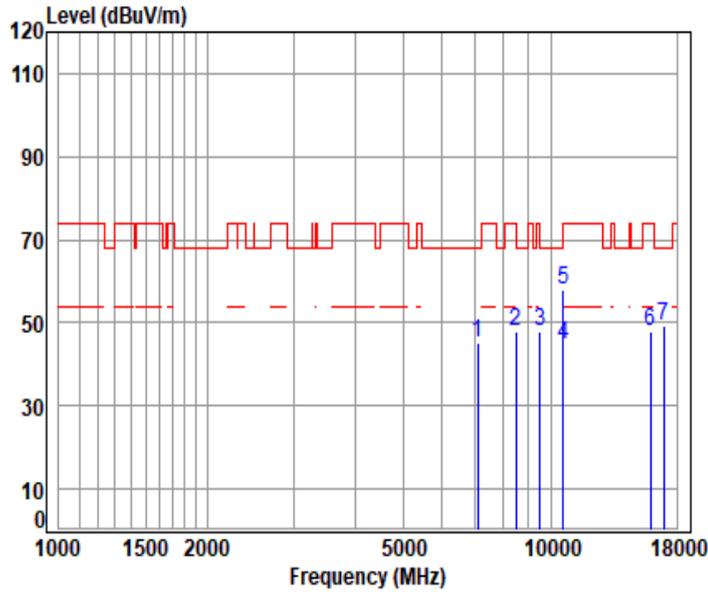
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7480.987	11.28	36.80	56.32	59.01	50.77	74.00	-23.23	peak
2	8359.419	11.68	38.68	55.58	54.35	49.13	74.00	-24.87	peak
3	10000.720	13.01	38.90	54.10	50.74	48.55	68.20	-19.65	peak
4	pp10520.000	13.63	39.14	53.79	55.49	54.47	68.20	-13.73	peak
5	15780.000	17.08	38.52	54.07	48.91	50.44	74.00	-23.56	peak
6	16693.140	17.59	39.39	54.21	46.20	48.97	68.20	-19.23	peak



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11a_TX_CH_60_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5300 TX RSE
 : 5G Wi-Fi 11a

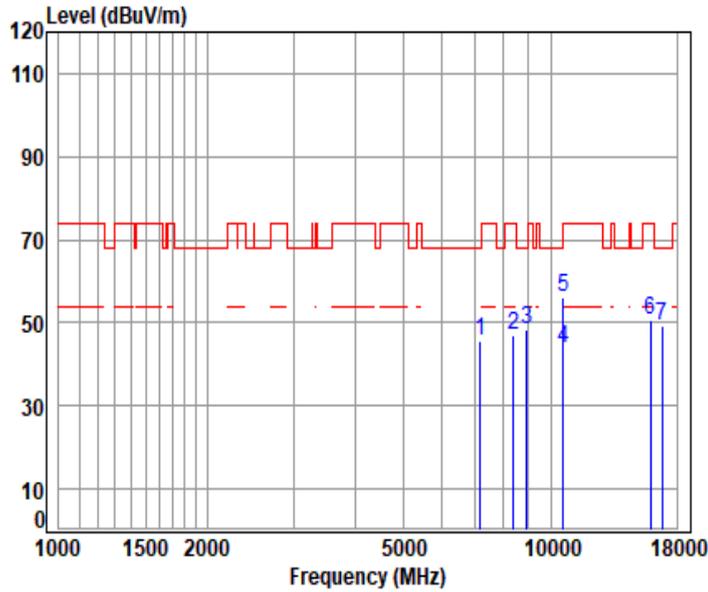
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7095.063	11.96	36.39	56.62	53.58	45.31	68.20	-22.89 peak
2	8496.769	12.29	38.31	55.45	52.54	47.69	74.00	-26.31 peak
3	9513.836	12.54	38.87	54.54	50.91	47.78	68.20	-20.42 peak
4	pp10600.000	13.59	39.30	53.74	45.72	44.87	54.00	-9.13 Average
5	pk10600.000	13.59	39.30	53.74	58.59	57.74	74.00	-16.26 peak
6	15900.000	17.28	38.70	54.03	46.00	47.95	74.00	-26.05 peak
7	16915.650	18.16	39.62	54.27	45.90	49.41	68.20	-18.79 peak



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11a_TX_CH_60_Vertical



Condition: 3m VERTICAL
 Job No : 01544WM
 Mode : 5300 TX RSE
 : 5G Wi-Fi 11a

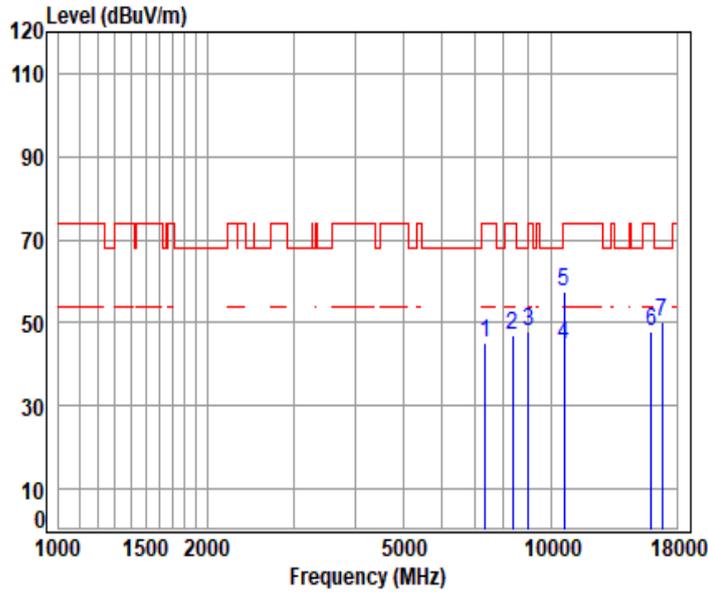
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7167.700	11.67	36.54	56.57	54.04	45.68	68.20	-22.52 peak
2	8393.547	11.64	38.61	55.55	52.48	47.18	74.00	-26.82 peak
3	8931.603	12.20	38.54	55.06	52.52	48.20	68.20	-20.00 peak
4	pp10600.000	13.59	39.30	53.74	44.56	43.71	54.00	-10.29 Average
5	pk10600.000	13.59	39.30	53.74	56.92	56.07	74.00	-17.93 peak
6	15900.000	17.28	38.70	54.03	48.51	50.46	74.00	-23.54 peak
7	16778.370	17.49	39.56	54.23	46.67	49.49	68.20	-18.71 peak



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11a_TX_CH_64_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5320 TX RSE
 : 5G Wi-Fi 11a

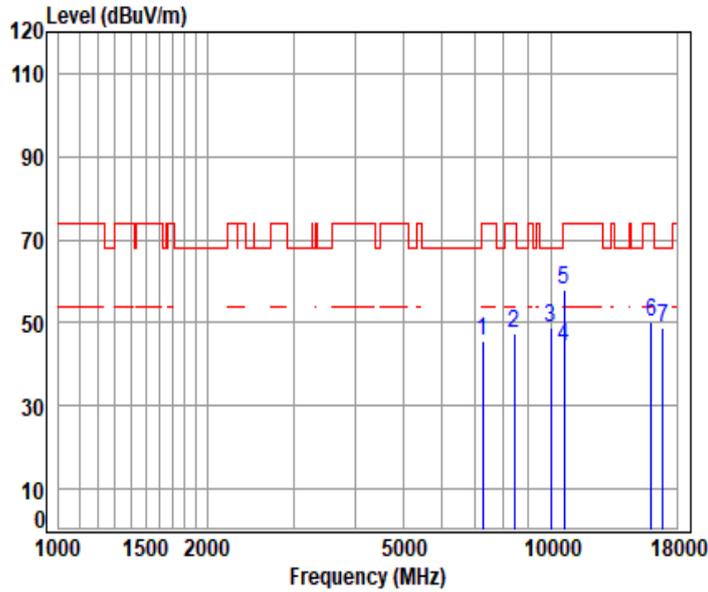
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7352.564	11.50	36.79	56.42	53.14	45.01	74.00	-28.99 peak
2	8350.908	11.69	38.70	55.58	52.33	47.14	74.00	-26.86 peak
3	8986.354	12.16	38.57	55.01	52.06	47.78	68.20	-20.42 peak
4	pp10640.000	13.77	39.34	53.72	45.48	44.87	54.00	-9.13 Average
5	pk10640.000	13.77	39.34	53.72	58.17	57.56	74.00	-16.44 peak
6	15960.000	17.20	38.64	54.01	46.21	48.04	74.00	-25.96 peak
7	16778.370	17.49	39.56	54.23	47.15	49.97	68.20	-18.23 peak



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11a_TX_CH_64_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5320 TX RSE

: 5G Wi-Fi 11a

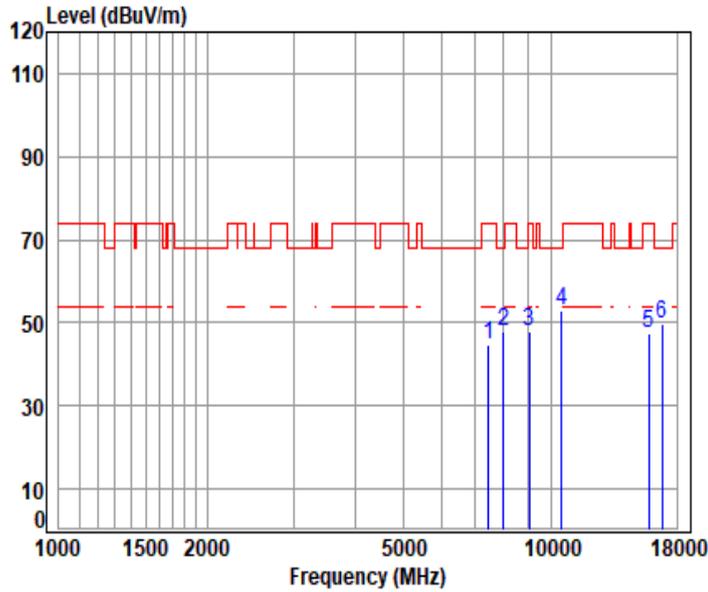
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7278.053	11.51	36.66	56.48	53.83	45.52	74.00	-28.48 peak
2	8427.813	11.82	38.49	55.51	52.65	47.45	74.00	-26.55 peak
3	9970.208	12.95	38.90	54.13	50.90	48.62	68.20	-19.58 peak
4	pp10640.000	13.77	39.34	53.72	45.05	44.44	54.00	-9.56 Average
5	pk10640.000	13.77	39.34	53.72	58.52	57.91	74.00	-16.09 peak
6	15960.000	17.20	38.64	54.01	48.38	50.21	74.00	-23.79 peak
7	16864.040	17.92	39.60	54.26	45.57	48.83	68.20	-19.37 peak



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11ax_20M_TX_CH_52_Horizontal



Condition: 3m HORIZONTAL

Job No : 01544WM

Mode : 5260 TX RSE

: 5G Wi-Fi 11ax20

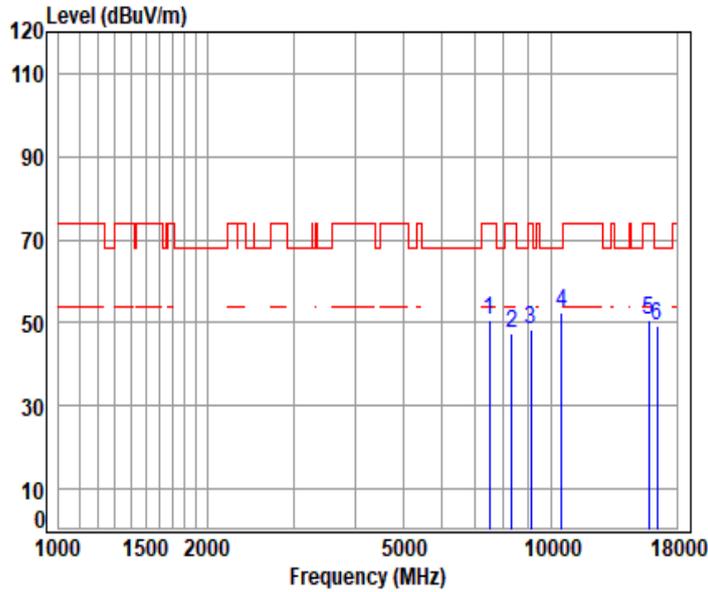
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7465.763	11.32	36.80	56.33	53.15	44.94	74.00	-29.06 peak
2	8001.191	11.56	37.80	55.90	54.54	48.00	68.20	-20.20 peak
3	9032.237	12.14	38.60	54.97	52.36	48.13	74.00	-25.87 peak
4	pp10520.000	13.63	39.14	53.79	54.03	53.01	68.20	-15.19 peak
5	15780.000	17.08	38.52	54.07	45.99	47.52	74.00	-26.48 peak
6	16812.580	17.55	39.60	54.24	46.74	49.65	68.20	-18.55 peak



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11ax_20M_TX_CH_52_Vertical



Condition: 3m VERTICAL
 Job No : 01544WM
 Mode : 5260 TX RSE
 : 5G Wi-Fi 11ax20

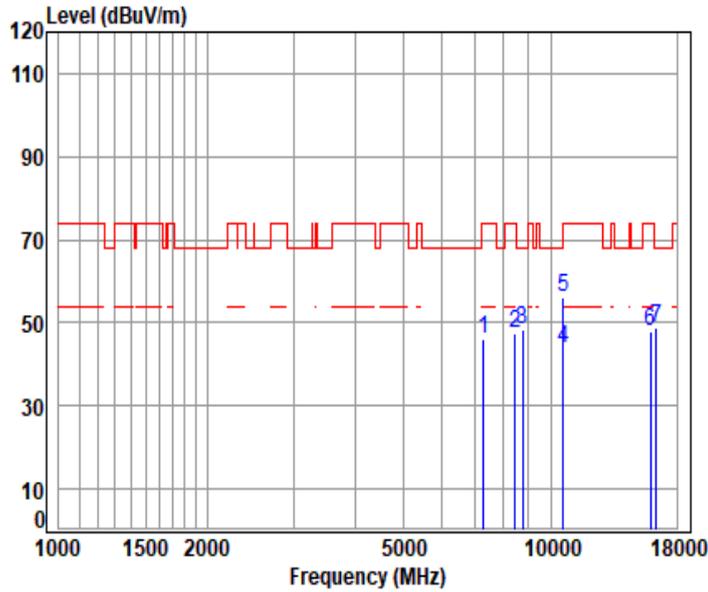
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7496.243	11.24	36.80	56.30	58.72	50.46	74.00	-23.54 Peak
2	8333.913	11.72	38.44	55.60	52.67	47.23	74.00	-26.77 peak
3	9087.606	12.12	38.60	54.92	52.41	48.21	74.00	-25.79 peak
4	pp10520.000	13.63	39.14	53.79	53.27	52.25	68.20	-15.95 peak
5	15780.000	17.08	38.52	54.07	48.98	50.51	74.00	-23.49 peak
6	16406.570	17.20	38.81	54.12	47.23	49.12	68.20	-19.08 peak



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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

11ax_20M_TX_CH_60_Horizontal



Condition: 3m HORIZONTAL

Job No : 01544WM

Mode : 5300 TX RSE

: 5G Wi-Fi 11ax20

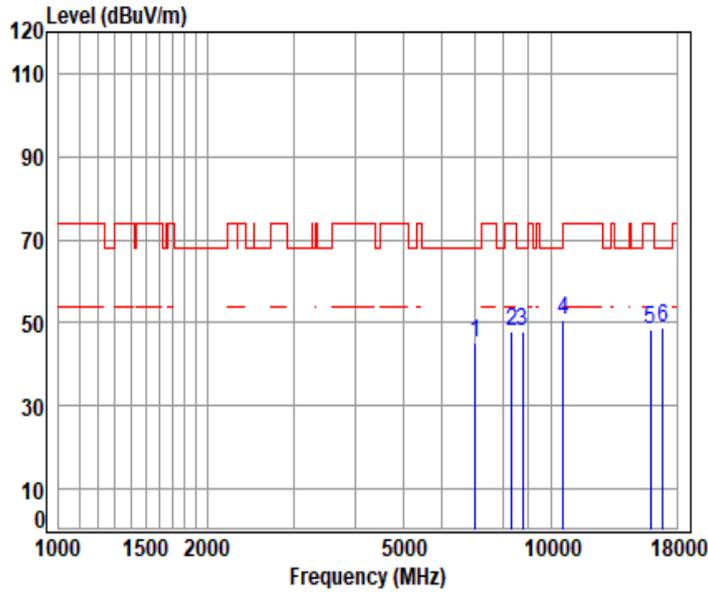
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7285.470	11.51	36.67	56.47	54.26	45.97	74.00	-28.03 peak	
2	8462.222	12.05	38.38	55.48	52.54	47.49	74.00	-26.51 peak	
3	8760.413	12.19	38.50	55.22	52.78	48.25	68.20	-19.95 peak	
4	pp10600.000	13.59	39.30	53.74	44.56	43.71	54.00	-10.29 Average	
5	pk10600.000	13.59	39.30	53.74	57.06	56.21	74.00	-17.79 peak	
6	15900.000	17.28	38.70	54.03	46.13	48.08	74.00	-25.92 peak	
7	16389.870	17.17	38.78	54.12	47.07	48.90	68.20	-19.30 peak	



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11ax_20M_TX_CH_60_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5300 TX RSE

: 5G Wi-Fi 11ax20

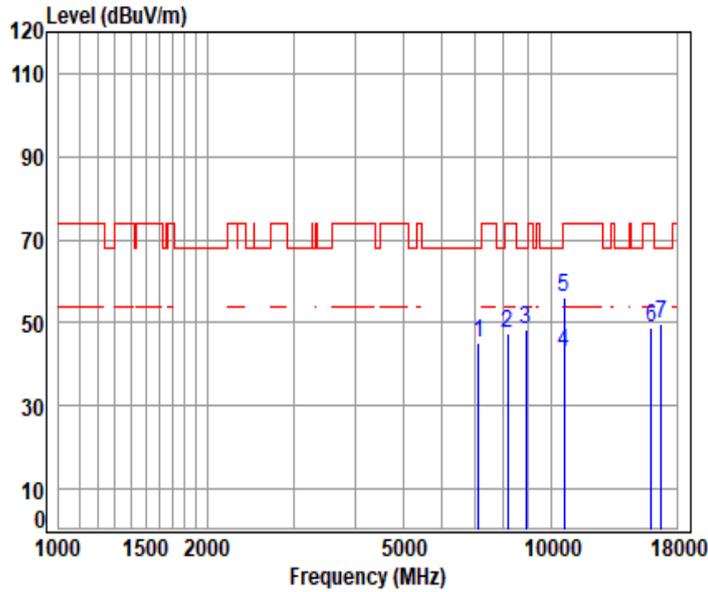
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7008.869	11.42	36.22	56.69	54.29	45.24	68.20	-22.96 peak	
2	8333.913	11.72	38.44	55.60	53.29	47.85	74.00	-26.15 peak	
3	8742.585	12.16	38.51	55.23	52.64	48.08	68.20	-20.12 peak	
4	10600.000	13.59	39.30	53.74	51.71	50.86	74.00	-23.14 peak	
5	15900.000	17.28	38.70	54.03	46.50	48.45	74.00	-25.55 peak	
6	pp16864.040	17.92	39.60	54.26	45.73	48.99	68.20	-19.21 peak	



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11ax_20M_TX_CH_64_Horizontal



Condition: 3m HORIZONTAL

Job No : 01544WM

Mode : 5320 TX RSE

: 5G Wi-Fi 11ax20

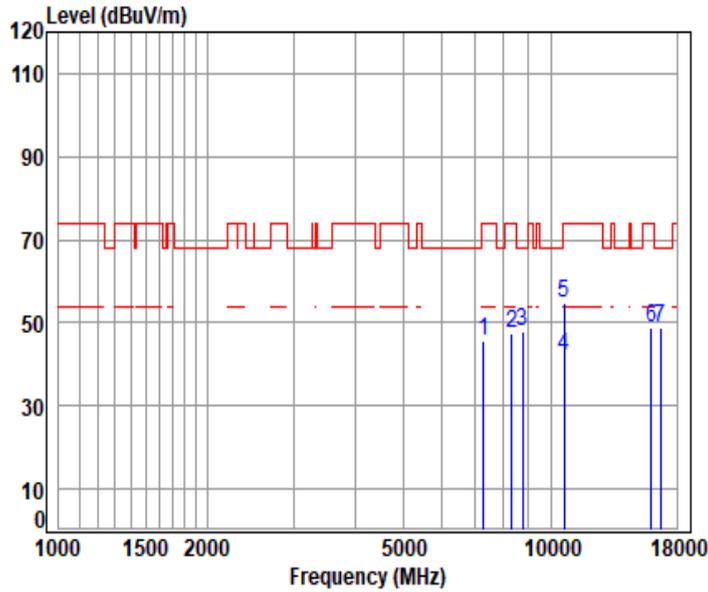
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7116.776	11.91	36.43	56.61	53.50	45.23	68.20	-22.97 peak	
2	8157.544	11.52	37.92	55.76	53.71	47.39	74.00	-26.61 peak	
3	8904.353	12.22	38.59	55.09	52.45	48.17	68.20	-20.03 peak	
4	pp10640.000	13.77	39.34	53.72	43.36	42.75	54.00	-11.25 Average	
5	pk10640.000	13.77	39.34	53.72	56.83	56.22	74.00	-17.78 peak	
6	15960.000	17.20	38.64	54.01	46.89	48.72	74.00	-25.28 peak	
7	16744.220	17.53	39.49	54.22	47.04	49.84	68.20	-18.36 peak	



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11ax_20M_TX_CH_64_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5320 TX RSE

: 5G Wi-Fi 11ax20

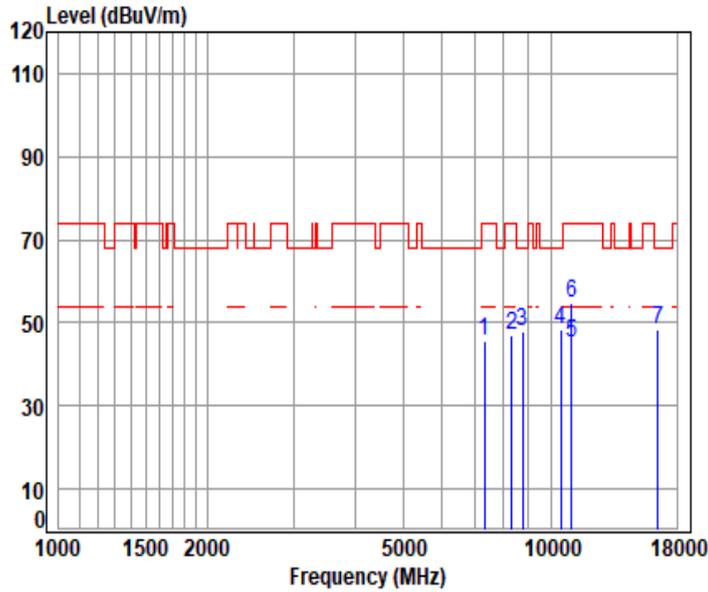
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7285.470	11.51	36.67	56.47	53.85	45.56	74.00	-28.44 peak	
2	8333.913	11.72	38.44	55.60	52.86	47.42	74.00	-26.58 peak	
3	8751.494	12.17	38.50	55.22	52.47	47.92	68.20	-20.28 peak	
4	pp10640.000	13.77	39.34	53.72	42.68	42.07	54.00	-11.93 Average	
5	10640.000	13.77	39.34	53.72	55.26	54.65	74.00	-19.35 peak	
6	15960.000	17.20	38.64	54.01	46.99	48.82	74.00	-25.18 peak	
7	pk16693.140	17.59	39.39	54.21	46.26	49.03	68.20	-19.17 peak	



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11a_TX_CH_100_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5500 TX RSE
 : 5G Wi-Fi 11a

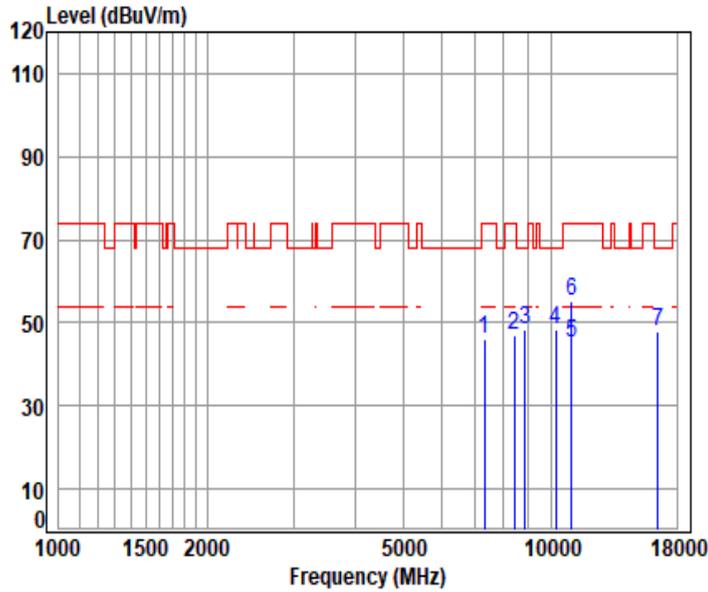
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7307.767	11.51	36.72	56.45	53.77	45.55	74.00	-28.45 peak
2	8325.429	11.73	38.31	55.61	52.70	47.13	74.00	-26.87 peak
3	8760.413	12.19	38.50	55.22	52.41	47.88	68.20	-20.32 peak
4	10448.470	13.63	39.05	53.83	49.57	48.42	68.20	-19.78 peak
5	pp11000.000	14.17	39.40	53.50	45.21	45.28	54.00	-8.72 Average
6	pk11000.000	14.17	39.40	53.50	54.85	54.92	74.00	-19.08 peak
7	16500.000	17.74	38.90	54.15	46.00	48.49	68.20	-19.71 peak



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11a_TX_CH_100_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

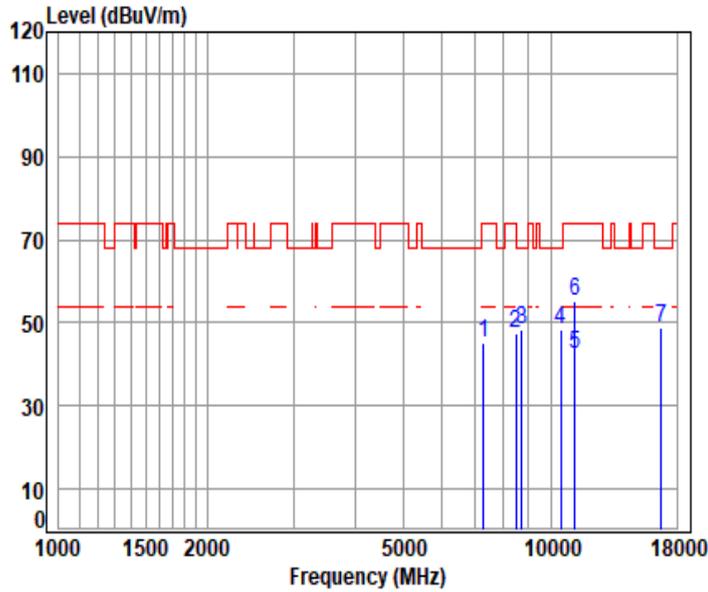
Mode : 5500 TX RSE

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7330.131	11.51	36.76	56.44	54.14	45.97	74.00	-28.03 peak	
2	8427.813	11.82	38.49	55.51	52.36	47.16	74.00	-26.84 peak	
3	8850.100	12.23	38.50	55.13	52.64	48.24	68.20	-19.96 peak	
4	10216.940	13.17	39.08	53.97	50.11	48.39	68.20	-19.81 peak	
5	pp11000.000	14.17	39.40	53.50	44.89	44.96	54.00	-9.04 Average	
6	pk11000.000	14.17	39.40	53.50	55.23	55.30	74.00	-18.70 peak	
7	16500.000	17.74	38.90	54.15	45.35	47.84	68.20	-20.36 peak	



11a_TX_CH_116_Horizontal



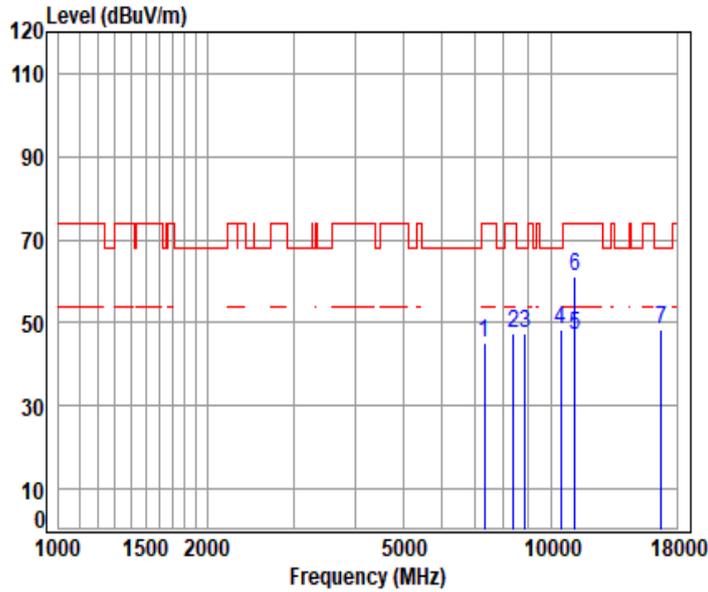
Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5580 TX RSE
 : 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7300.327	11.51	36.70	56.46	53.62	45.37	74.00	-28.63 peak
2	8496.769	12.29	38.31	55.45	52.33	47.48	74.00	-26.52 peak
3	8733.685	12.14	38.53	55.24	52.90	48.33	68.20	-19.87 peak
4	10480.450	13.64	39.08	53.81	49.61	48.52	68.20	-19.68 peak
5	pp11160.000	14.72	39.56	53.55	41.87	42.60	54.00	-11.40 Average
6	pk11160.000	14.72	39.56	53.55	54.55	55.28	74.00	-18.72 peak
7	16740.000	17.54	39.48	54.22	45.80	48.60	68.20	-19.60 peak



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11a_TX_CH_116_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5580 TX RSE

: 5G Wi-Fi 11a

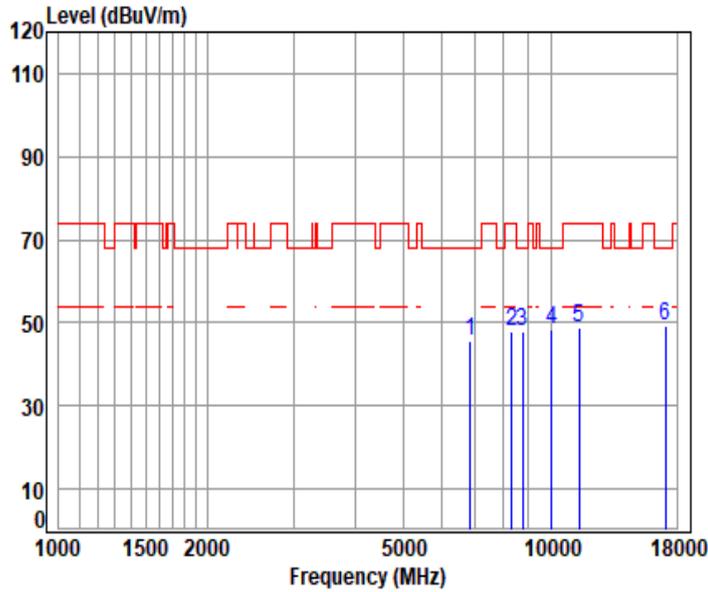
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7322.668	11.51	36.75	56.44	53.42	45.24	74.00	-28.76 peak
2	8402.101	11.64	38.59	55.54	52.94	47.63	74.00	-26.37 peak
3	8841.090	12.24	38.50	55.14	52.04	47.64	68.20	-20.56 peak
4	10469.780	13.63	39.07	53.82	49.26	48.14	68.20	-20.06 peak
5	pp11160.000	14.72	39.56	53.55	46.25	46.98	54.00	-7.02 Average
6	pk11160.000	14.72	39.56	53.55	60.37	61.10	74.00	-12.90 peak
7	16740.000	17.54	39.48	54.22	45.70	48.50	68.20	-19.70 peak



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11a_TX_CH_140_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5700 TX RSE
 : 5G Wi-Fi 11a

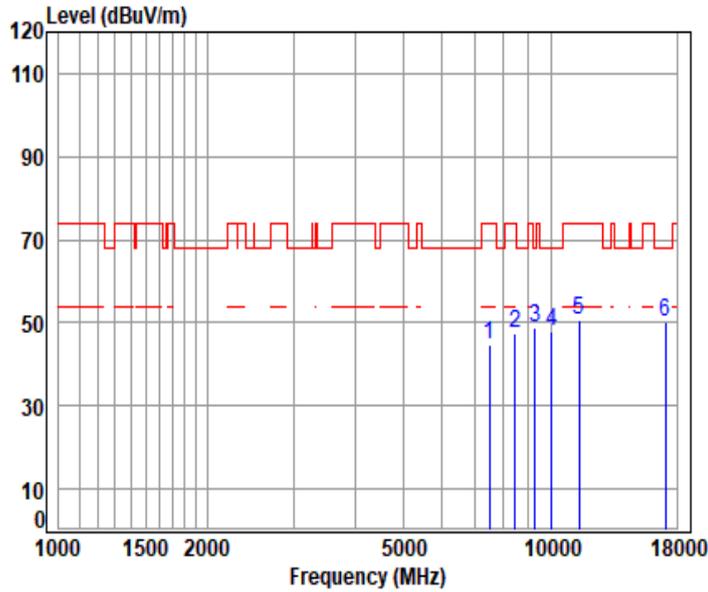
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6846.580	11.37	35.99	56.73	54.78	45.41	68.20	-22.79 peak
2	8325.429	11.73	38.31	55.61	53.32	47.75	74.00	-26.25 peak
3	8742.585	12.16	38.51	55.23	52.42	47.86	68.20	-20.34 peak
4	10031.330	13.09	38.96	54.08	50.32	48.29	68.20	-19.91 peak
5	11400.000	14.21	39.70	53.62	48.41	48.70	74.00	-25.30 peak
6	pp17100.000	18.47	39.80	54.32	45.29	49.24	68.20	-18.96 peak



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11a_TX_CH_140_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5700 TX RSE

: 5G Wi-Fi 11a

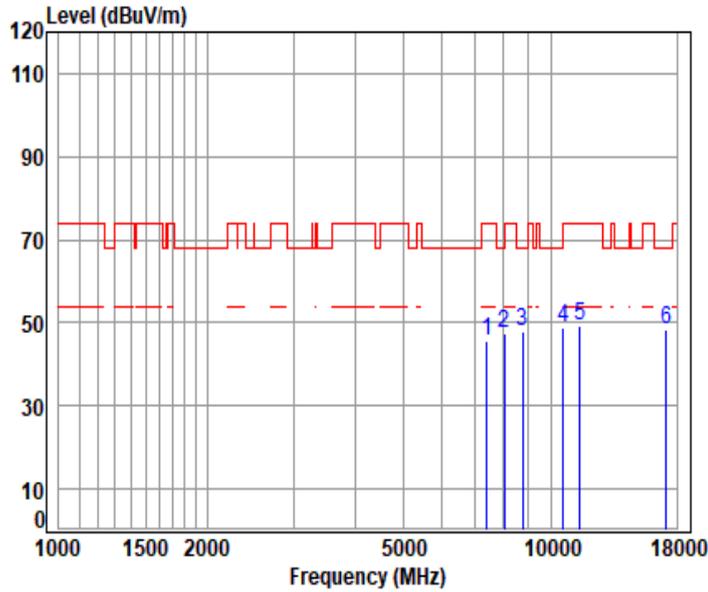
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7496.243	11.24	36.80	56.30	53.13	44.87	74.00	-29.13 peak
2	8462.222	12.05	38.38	55.48	52.54	47.49	74.00	-26.51 peak
3	9265.190	12.22	38.03	54.76	53.24	48.73	68.20	-19.47 peak
4	10041.550	13.12	38.98	54.08	50.10	48.12	68.20	-20.08 peak
5	11400.000	14.21	39.70	53.62	50.29	50.58	74.00	-23.42 peak
6	pp17100.000	18.47	39.80	54.32	46.21	50.16	68.20	-18.04 peak



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11a_Straddle_TX_CH_144_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5720 TX RSE
 : 5G Wi-Fi 11a

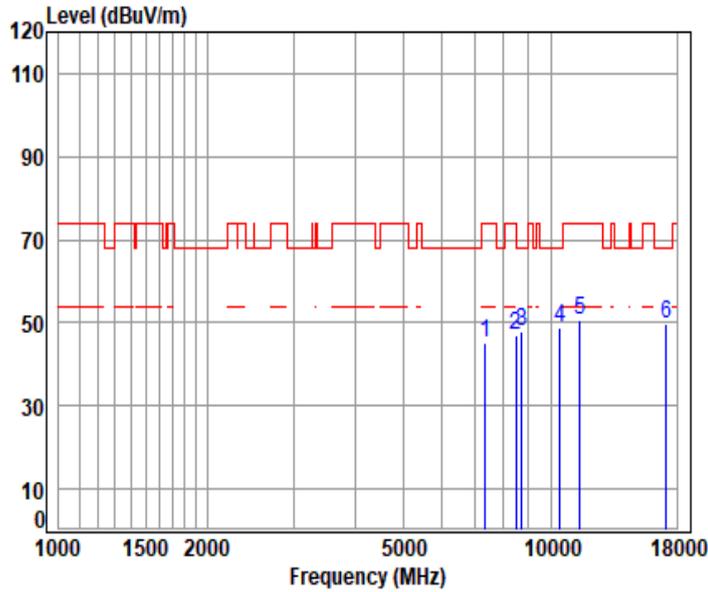
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7420.276	11.45	36.74	56.36	53.97	45.80	74.00	-28.20 peak
2	8050.239	11.50	37.80	55.85	54.13	47.58	74.00	-26.42 peak
3	8751.494	12.17	38.50	55.22	52.36	47.81	68.20	-20.39 peak
4	10609.330	13.63	39.31	53.73	49.70	48.91	74.00	-25.09 peak
5	11440.000	14.55	39.66	53.63	48.79	49.37	74.00	-24.63 peak
6	pp17160.000	18.08	39.86	54.33	44.87	48.48	68.20	-19.72 peak



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11a_Straddle_TX_CH_144_Vertical



Condition: 3m VERTICAL
 Job No : 01544WM
 Mode : 5720 TX RSE
 : 5G Wi-Fi 11a

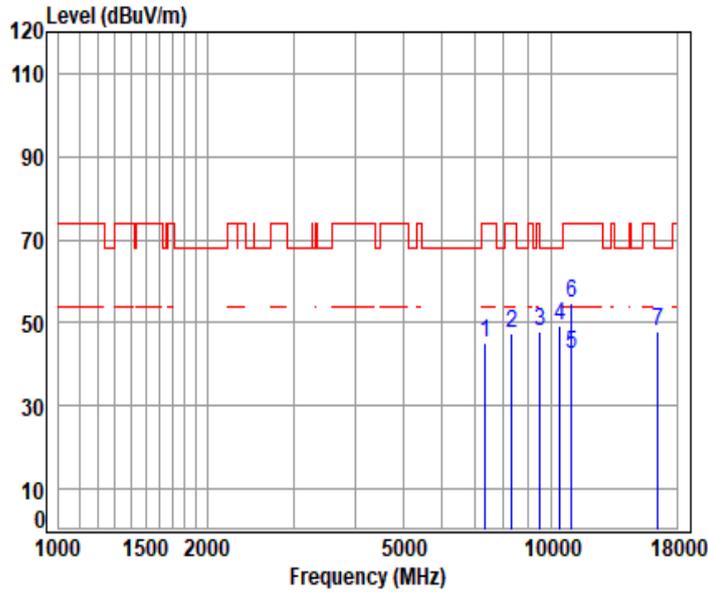
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7345.079	11.51	36.79	56.42	53.19	45.07	74.00	-28.93 peak
2	8496.769	12.29	38.31	55.45	51.95	47.10	74.00	-26.90 peak
3	8724.793	12.13	38.55	55.25	52.41	47.84	68.20	-20.36 peak
4	10437.830	13.63	39.04	53.84	49.81	48.64	68.20	-19.56 peak
5	11440.000	14.55	39.66	53.63	50.22	50.80	74.00	-23.20 peak
6	pp17160.000	18.08	39.86	54.33	46.10	49.71	68.20	-18.49 peak



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11ax_20M_TX_CH_100_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5500 TX RSE
 : 5G Wi-Fi 11ax20

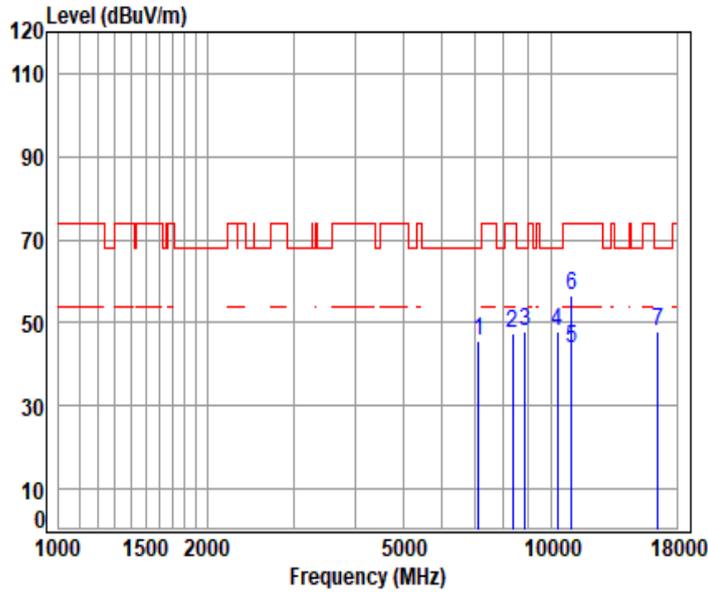
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7360.057	11.50	36.78	56.41	53.31	45.18	74.00	-28.82 peak
2	8308.486	11.75	38.04	55.62	53.23	47.40	74.00	-26.60 peak
3	9484.810	12.52	38.87	54.56	51.13	47.96	74.00	-26.04 peak
4	pk10437.830	13.63	39.04	53.84	50.25	49.08	68.20	-19.12 peak
5	pp11000.000	14.17	39.40	53.50	42.38	42.45	54.00	-11.55 Average
6	11000.000	14.17	39.40	53.50	54.78	54.85	74.00	-19.15 peak
7	16500.000	17.74	38.90	54.15	45.30	47.79	68.20	-20.41 peak



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11ax_20M_TX_CH_100_Vertical



Condition: 3m VERTICAL
 Job No : 01544WM
 Mode : 5500 TX RSE
 : 5G Wi-Fi 11ax20

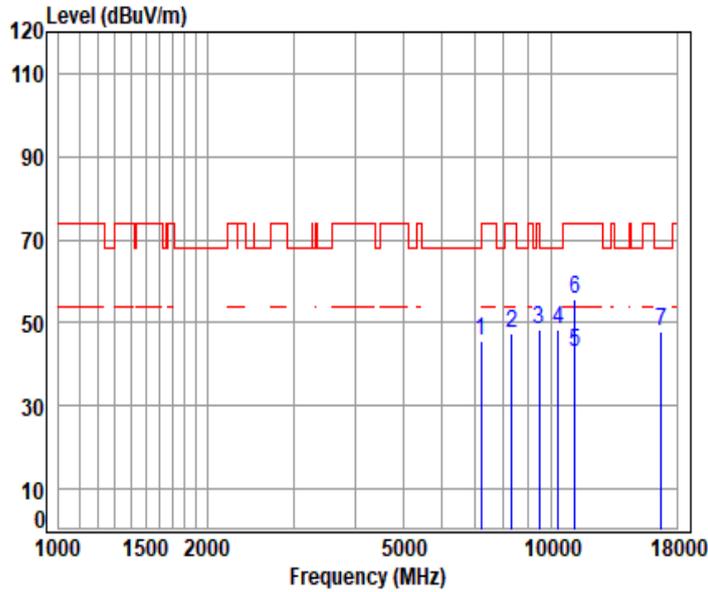
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7124.029	11.88	36.45	56.60	53.69	45.42	68.20	-22.78	peak
2	8359.419	11.68	38.68	55.58	52.70	47.48	74.00	-26.52	peak
3	8859.119	12.23	38.52	55.13	52.38	48.00	68.20	-20.20	peak
4	10300.530	13.58	39.00	53.92	49.31	47.97	68.20	-20.23	peak
5	pp11000.000	14.17	39.40	53.50	43.86	43.93	54.00	-10.07	Average
6	pk11000.000	14.17	39.40	53.50	56.62	56.69	74.00	-17.31	peak
7	16500.000	17.74	38.90	54.15	45.29	47.78	68.20	-20.42	peak



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11ax_20M_100_TX_CH_116_Horizontal



Condition: 3m HORIZONTAL

Job No : 01544WM

Mode : 5580 TX RSE

: 5G Wi-Fi 11ax20

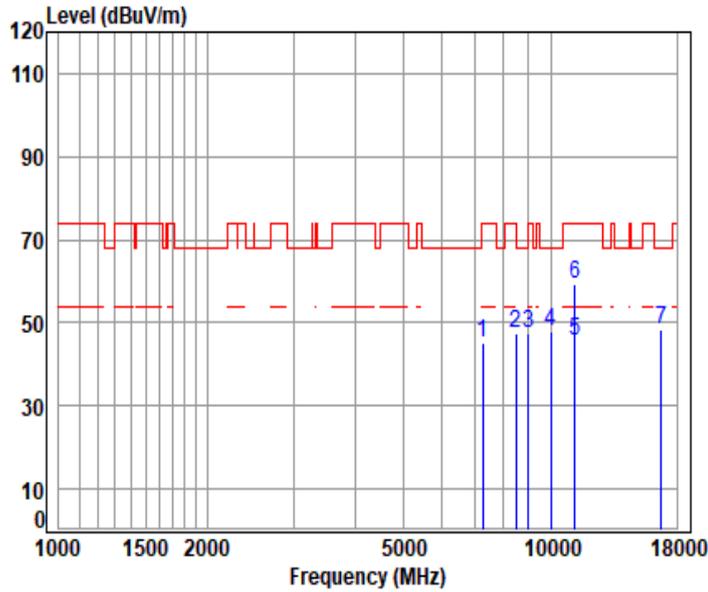
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7196.963	11.53	36.59	56.54	53.93	45.51	68.20	-22.69 peak	
2	8333.913	11.72	38.44	55.60	52.70	47.26	74.00	-26.74 peak	
3	9446.244	12.42	38.80	54.60	51.54	48.16	74.00	-25.84 peak	
4	10363.680	13.61	39.00	53.88	49.55	48.28	68.20	-19.92 peak	
5	pp11160.000	14.72	39.56	53.55	42.03	42.76	54.00	-11.24 Average	
6	pk11160.000	14.72	39.56	53.55	54.88	55.61	74.00	-18.39 peak	
7	16740.000	17.54	39.48	54.22	44.92	47.72	68.20	-20.48 peak	



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11ax_20M_100_TX_CH_116_Vertical



Condition: 3m VERTICAL
 Job No : 01544WM
 Mode : 5580 TX RSE
 : 5G Wi-Fi 11ax20

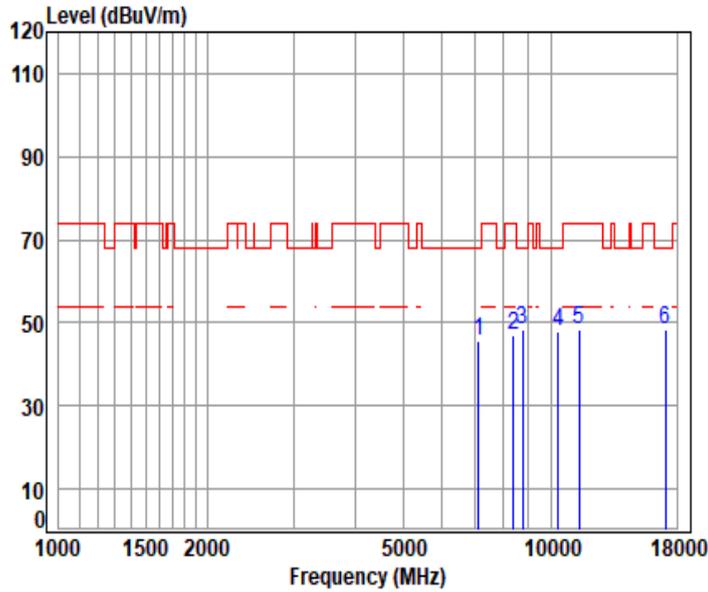
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7270.644	11.51	36.64	56.48	53.32	44.99	74.00	-29.01 peak	
2	8496.769	12.29	38.31	55.45	52.19	47.34	74.00	-26.66 peak	
3	9004.680	12.15	38.60	55.00	51.85	47.60	74.00	-26.40 peak	
4	9990.539	12.99	38.90	54.11	49.96	47.74	68.20	-20.46 peak	
5	pp11160.000	14.72	39.56	53.55	44.70	45.43	54.00	-8.57 Average	
6	pk11160.000	14.72	39.56	53.55	58.65	59.38	74.00	-14.62 peak	
7	16740.000	17.54	39.48	54.22	45.35	48.15	68.20	-20.05 peak	



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11ax_20M_100_TX_CH_140_Horizontal



Condition: 3m HORIZONTAL

Job No : 01544WM

Mode : 5700 TX RSE

: 5G Wi-Fi 11ax20

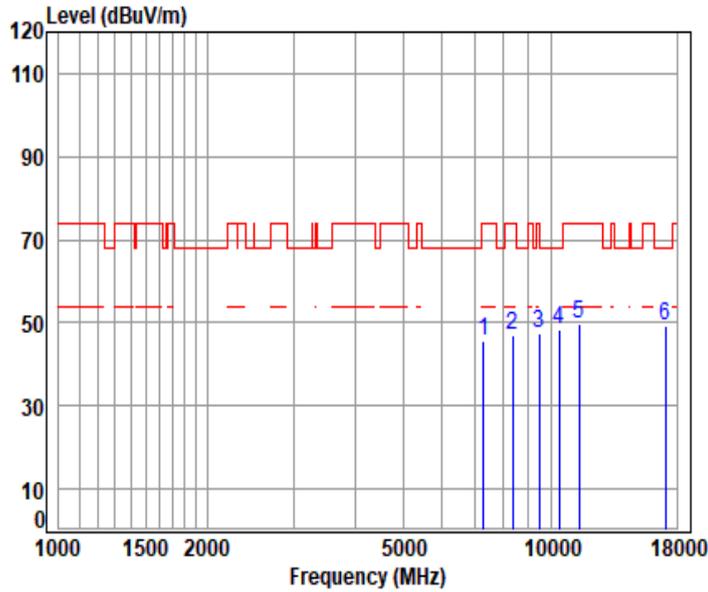
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7124.029	11.88	36.45	56.60	54.10	45.83	68.20	-22.37 peak	
2	8376.465	11.66	38.65	55.56	52.45	47.20	74.00	-26.80 peak	
3	8742.585	12.16	38.51	55.23	52.78	48.22	68.20	-19.98 peak	
4	10363.680	13.61	39.00	53.88	49.01	47.74	68.20	-20.46 peak	
5	11400.000	14.21	39.70	53.62	47.95	48.24	74.00	-25.76 peak	
6	pp17100.000	18.47	39.80	54.32	44.31	48.26	68.20	-19.94 peak	



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11ax_20M_100_TX_CH_140_Vertical



Condition: 3m VERTICAL
 Job No : 01544WM
 Mode : 5700 TX RSE
 : 5G Wi-Fi 11ax20

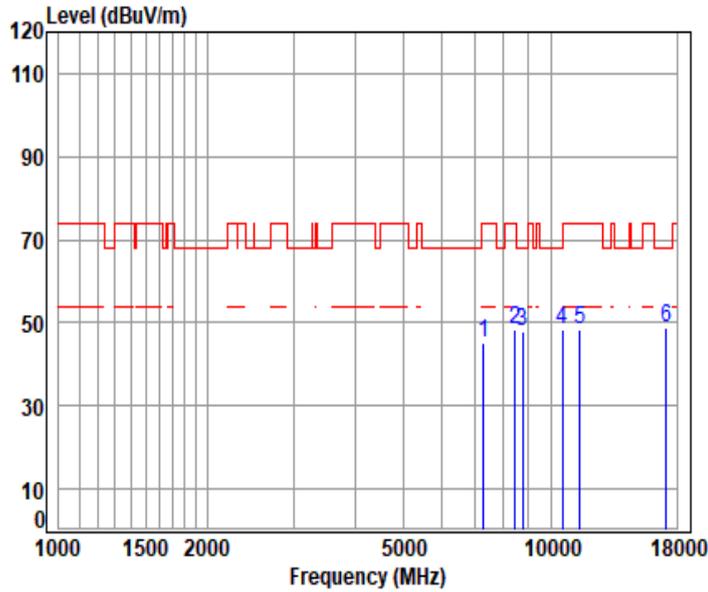
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7285.470	11.51	36.67	56.47	54.03	45.74	74.00	-28.26 peak
2	8367.938	11.67	38.66	55.57	52.44	47.20	74.00	-26.80 peak
3	9455.871	12.45	38.81	54.59	50.96	47.63	74.00	-26.37 peak
4	10395.390	13.62	39.00	53.86	49.83	48.59	68.20	-19.61 peak
5	11400.000	14.21	39.70	53.62	49.55	49.84	74.00	-24.16 peak
6	pp17100.000	18.47	39.80	54.32	45.41	49.36	68.20	-18.84 peak



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11ax_20M_Straddle_TX_CH_144_Horizontal



Condition: 3m HORIZONTAL

Job No : 01544WM

Mode : 5720 TX RSE

: 5G Wi-Fi 11ax20

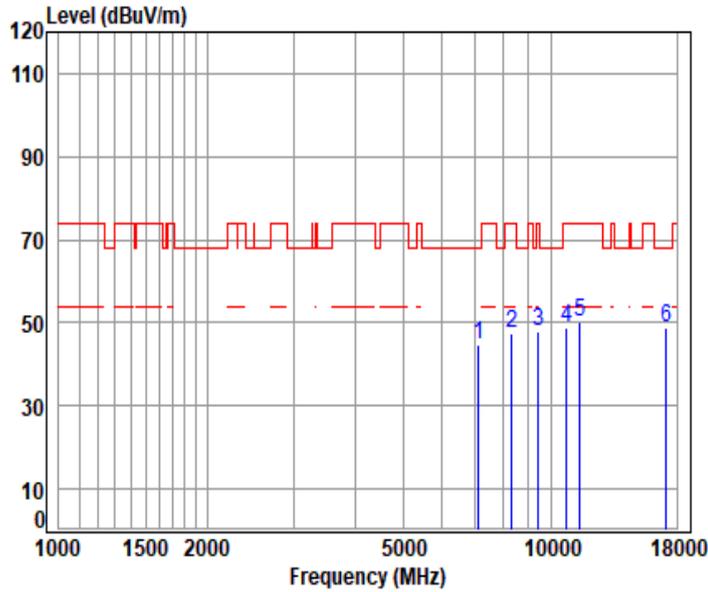
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7300.327	11.51	36.70	56.46	53.57	45.32	74.00	-28.68 peak	
2	8453.606	11.99	38.39	55.49	53.51	48.40	74.00	-25.60 peak	
3	8751.494	12.17	38.50	55.22	52.27	47.72	68.20	-20.48 peak	
4	10555.440	13.61	39.21	53.77	49.45	48.50	68.20	-19.70 peak	
5	11440.000	14.55	39.66	53.63	47.62	48.20	74.00	-25.80 peak	
6	pp17160.000	18.08	39.86	54.33	45.10	48.71	68.20	-19.49 peak	



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11ax_20M_Straddle_TX_CH_144_Vertical



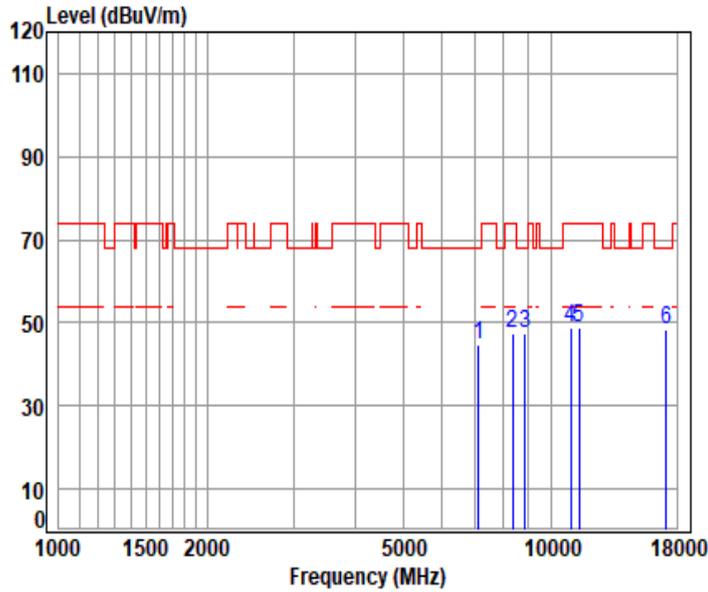
Condition: 3m VERTICAL
 Job No : 01544WM
 Mode : 5720 TX RSE
 : 5G Wi-Fi 11ax20

	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	7124.029	11.88	36.45	56.60	53.19	44.92	68.20	-23.28 peak	
2	8333.913	11.72	38.44	55.60	52.97	47.53	74.00	-26.47 peak	
3	9436.627	12.40	38.80	54.61	51.46	48.05	74.00	-25.95 peak	
4	10772.670	13.78	39.33	53.64	49.33	48.80	74.00	-25.20 peak	
5	11440.000	14.55	39.66	53.63	49.80	50.38	74.00	-23.62 peak	
6	pp17160.000	18.08	39.86	54.33	45.43	49.04	68.20	-19.16 peak	



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11ax_40M_Straddle_TX_CH_142_Horizontal



Condition: 3m HORIZONTAL

Job No : 01544WM

Mode : 5710 TX RSE

: 5G Wi-Fi 11ax40

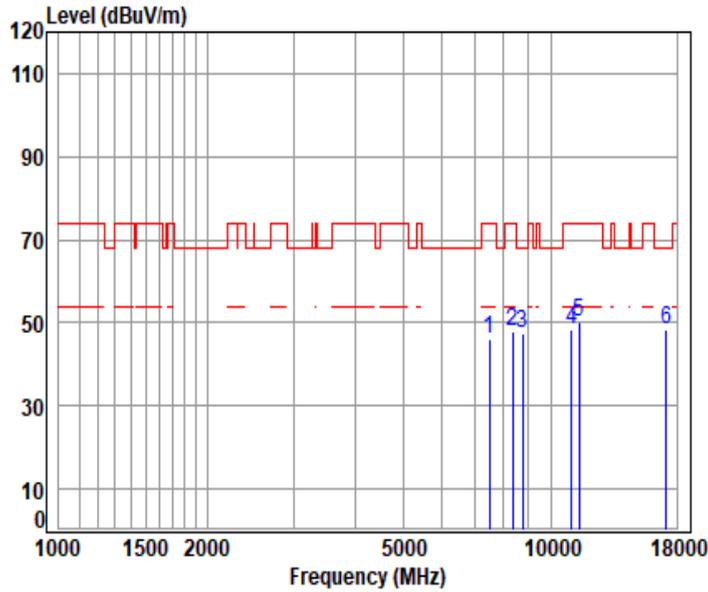
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7124.029	11.88	36.45	56.60	53.14	44.87	68.20	-23.33 peak	
2	8359.419	11.68	38.68	55.58	52.56	47.34	74.00	-26.66 peak	
3	8859.119	12.23	38.52	55.13	51.80	47.42	68.20	-20.78 peak	
4	10972.000	14.11	39.37	53.52	48.84	48.80	74.00	-25.20 peak	
5	11420.000	14.38	39.68	53.63	48.23	48.66	74.00	-25.34 peak	
6	pp17130.000	18.27	39.83	54.33	44.49	48.26	68.20	-19.94 peak	



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11ax_40M_Straddle_TX_CH_142_Vertical



Condition: 3m VERTICAL
 Job No : 01544WM
 Mode : 5710 TX RSE
 : 5G Wi-Fi 11ax40

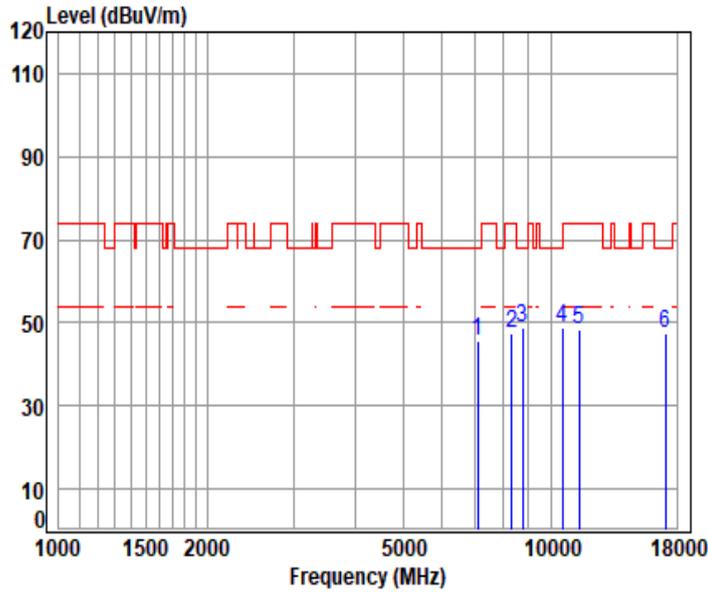
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7496.243	11.24	36.80	56.30	54.14	45.88	74.00	-28.12 peak
2	8342.406	11.70	38.58	55.59	53.05	47.74	74.00	-26.26 peak
3	8769.341	12.20	38.50	55.21	52.17	47.66	68.20	-20.54 peak
4	10994.380	14.16	39.39	53.50	48.27	48.32	74.00	-25.68 peak
5	11420.000	14.38	39.68	53.63	49.61	50.04	74.00	-23.96 peak
6	pp17130.000	18.27	39.83	54.33	44.72	48.49	68.20	-19.71 peak



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11ax_80M_Straddle_TX_CH_138_Horizontal



Condition: 3m HORIZONTAL

Job No : 01544WM

Mode : 5690 TX RSE

: 5G Wi-Fi 11ax80

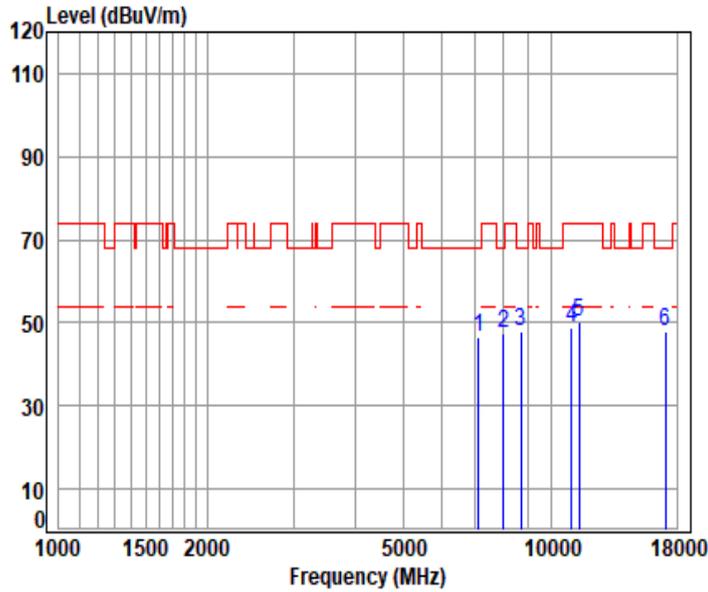
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7109.531	11.95	36.42	56.61	53.71	45.47	68.20	-22.73	peak
2	8325.429	11.73	38.31	55.61	53.14	47.57	74.00	-26.43	peak
3	pp 8751.494	12.17	38.50	55.22	53.40	48.85	68.20	-19.35	peak
4	10533.960	13.62	39.17	53.78	49.68	48.69	68.20	-19.51	peak
5	11380.000	14.30	39.70	53.61	47.81	48.20	74.00	-25.80	peak
6	17070.000	18.35	39.77	54.31	43.84	47.65	68.20	-20.55	peak



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11ax_80M_Straddle_TX_CH_138_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5690 TX RSE

: 5G Wi-Fi 11ax80

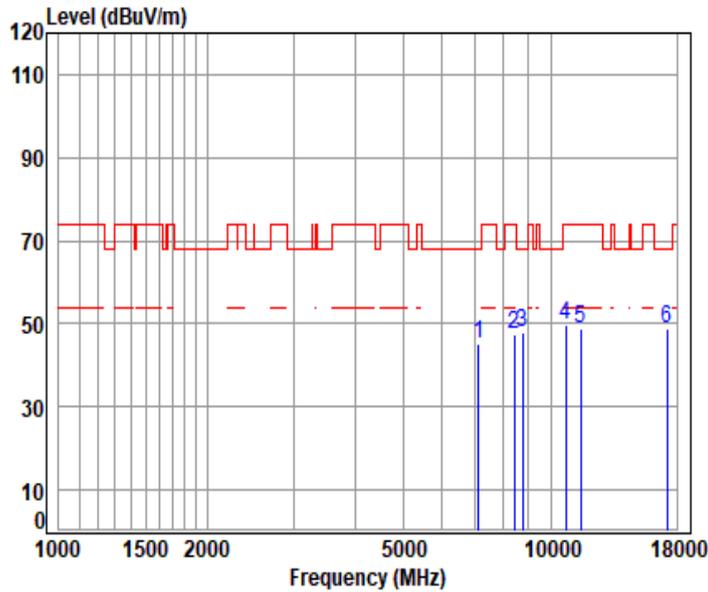
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7116.776	11.91	36.43	56.61	54.92	46.65	68.20	-21.55 peak	
2	7993.045	11.56	37.79	55.91	53.85	47.29	68.20	-20.91 peak	
3	8698.174	12.09	38.59	55.27	52.55	47.96	68.20	-20.24 peak	
4	11005.580	14.20	39.41	53.50	48.64	48.75	74.00	-25.25 peak	
5	11380.000	14.30	39.70	53.61	49.95	50.34	74.00	-23.66 peak	
6	pp17070.000	18.35	39.77	54.31	44.17	47.98	68.20	-20.22 peak	



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11a_TX_CH_149_Horizontal



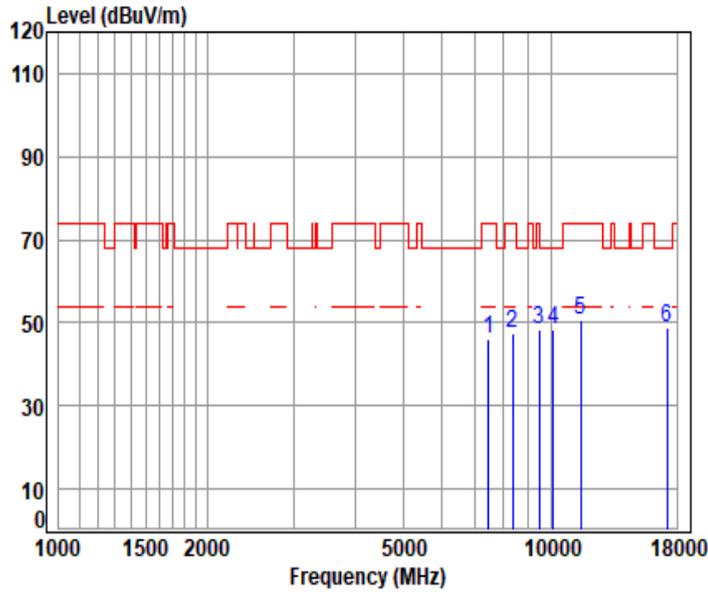
Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5745 TX RSE
 : 5.8G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7116.776	11.91	36.43	56.61	53.27	45.00	68.20	-23.20 peak
2	8419.234	11.76	38.52	55.52	52.88	47.64	74.00	-26.36 peak
3	8742.585	12.16	38.51	55.23	52.32	47.76	68.20	-20.44 peak
4	10717.950	13.98	39.38	53.67	50.18	49.87	74.00	-24.13 peak
5	11490.000	14.97	39.61	53.65	47.97	48.90	74.00	-25.10 peak
6	pp17235.000	17.83	40.01	54.35	45.26	48.75	68.20	-19.45 peak



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11a_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11a

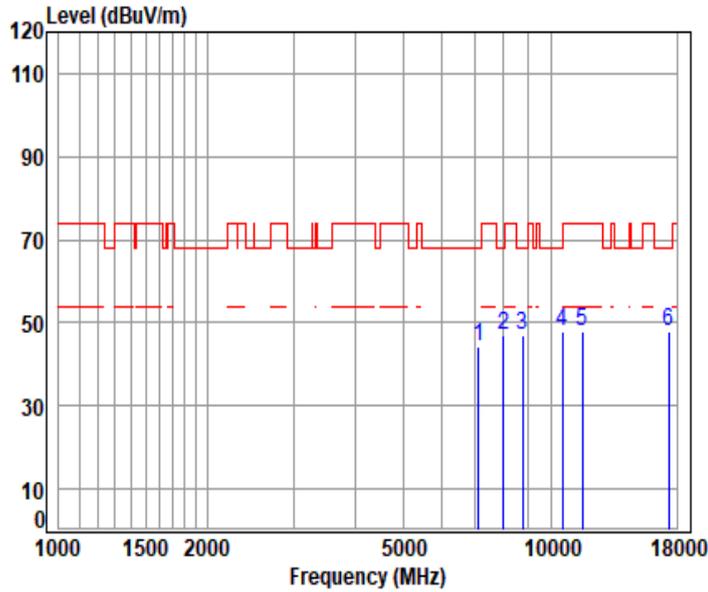
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7473.371	11.30	36.80	56.32	54.51	46.29	74.00	-27.71 peak	
2	8359.419	11.68	38.68	55.58	52.84	47.62	74.00	-26.38 peak	
3	9446.244	12.42	38.80	54.60	51.67	48.29	74.00	-25.71 peak	
4	10113.400	13.25	39.10	54.03	50.26	48.58	68.20	-19.62 peak	
5	11490.000	14.97	39.61	53.65	49.62	50.55	74.00	-23.45 peak	
6	pp17235.000	17.83	40.01	54.35	45.52	49.01	68.20	-19.19 peak	



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11a_TX_CH_157_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5785 TX RSE
 : 5.8G Wi-Fi 11a

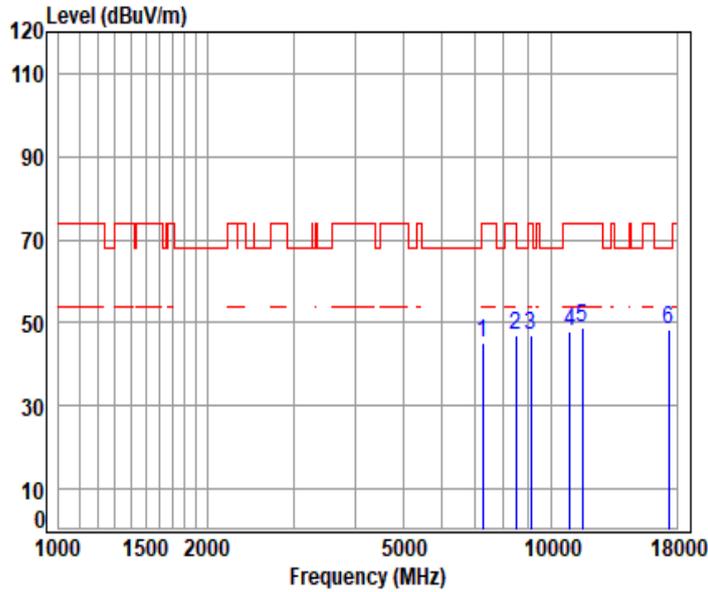
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7131.289	11.84	36.46	56.59	52.63	44.34	68.20	-23.86 peak
2	7993.045	11.56	37.79	55.91	53.34	46.78	68.20	-21.42 peak
3	8769.341	12.20	38.50	55.21	51.69	47.18	68.20	-21.02 peak
4	10566.200	13.61	39.23	53.76	48.60	47.68	68.20	-20.52 peak
5	11570.000	14.78	39.60	53.67	47.23	47.94	74.00	-26.06 peak
6	pp17355.000	18.00	40.31	54.37	44.05	47.99	68.20	-20.21 peak



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11a_TX_CH_157_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5785 TX RSE

: 5.8G Wi-Fi 11a

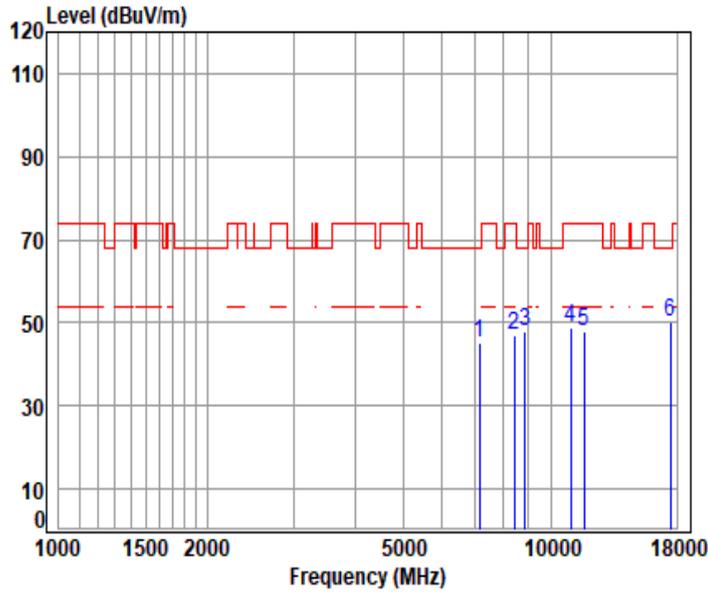
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7263.242	11.51	36.63	56.49	53.31	44.96	74.00	-29.04 peak
2	8479.478	12.17	38.34	55.47	51.97	47.01	74.00	-26.99 peak
3	9087.606	12.12	38.60	54.92	51.40	47.20	74.00	-26.80 peak
4	10938.530	14.04	39.34	53.54	48.12	47.96	74.00	-26.04 peak
5	11570.000	14.78	39.60	53.67	48.14	48.85	74.00	-25.15 peak
6	pp17355.000	18.00	40.31	54.37	44.51	48.45	68.20	-19.75 peak



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11a_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5825 TX RSE
 : 5.8G Wi-Fi 11a

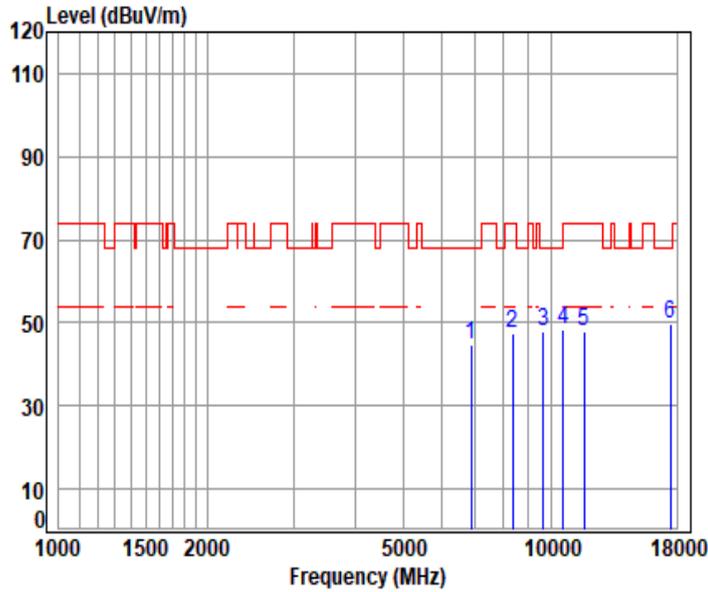
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7160.403	11.71	36.52	56.57	53.57	45.23	68.20	-22.97 peak
2	8436.402	11.88	38.45	55.51	52.36	47.18	74.00	-26.82 peak
3	8868.147	12.23	38.54	55.12	52.33	47.98	68.20	-20.22 peak
4	10972.000	14.11	39.37	53.52	49.05	49.01	74.00	-24.99 peak
5	11650.000	14.69	39.55	53.69	47.28	47.83	74.00	-26.17 peak
6	pp17475.000	18.35	40.78	54.40	45.52	50.25	68.20	-17.95 peak



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11a_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5825 TX RSE

: 5.8G Wi-Fi 11a

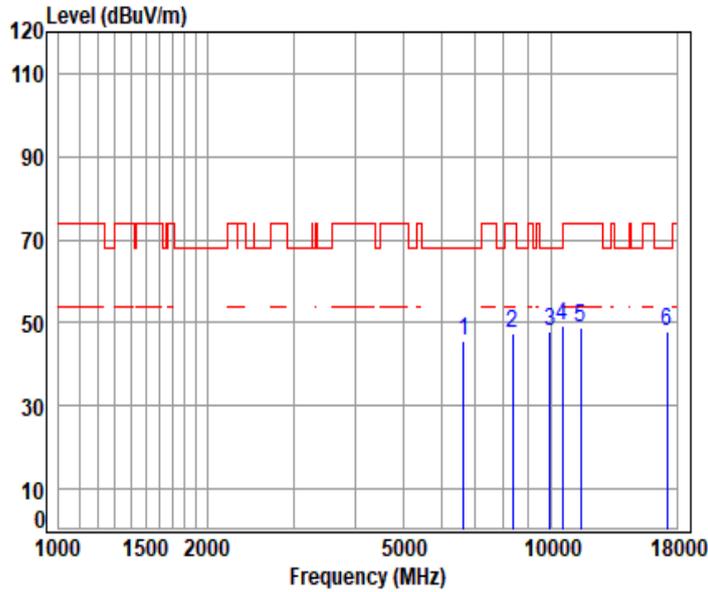
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6888.550	11.37	36.15	56.72	54.10	44.90	68.20	-23.30 peak
2	8350.908	11.69	38.70	55.58	52.72	47.53	74.00	-26.47 peak
3	9630.836	12.51	38.74	54.43	51.06	47.88	68.20	-20.32 peak
4	10576.960	13.60	39.25	53.75	49.39	48.49	68.20	-19.71 peak
5	11650.000	14.69	39.55	53.69	47.28	47.83	74.00	-26.17 peak
6	pp17475.000	18.35	40.78	54.40	45.02	49.75	68.20	-18.45 peak



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11ax_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 01544WM

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11ax20

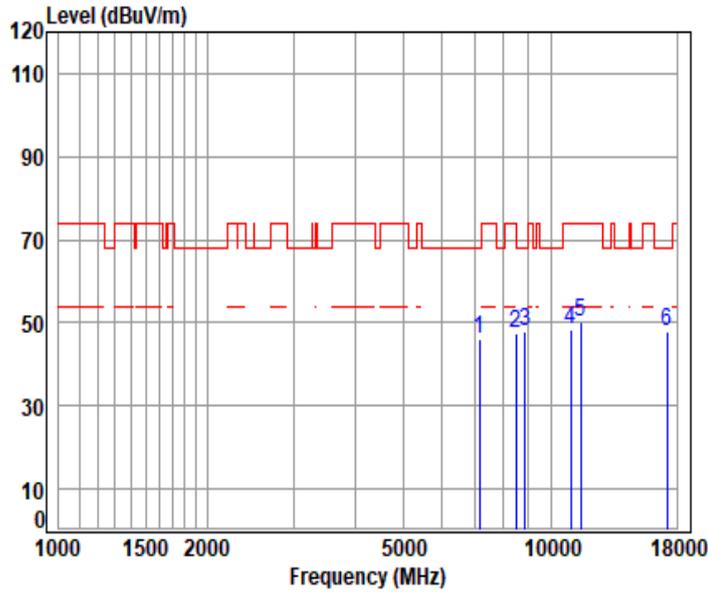
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6654.074	11.50	35.49	56.77	55.33	45.55	68.20	-22.65 peak
2	8342.406	11.70	38.58	55.59	52.84	47.53	74.00	-26.47 peak
3	9960.058	12.93	38.90	54.14	50.34	48.03	68.20	-20.17 peak
4	pp10533.960	13.62	39.17	53.78	50.05	49.06	68.20	-19.14 peak
5	11490.000	14.97	39.61	53.65	47.84	48.77	74.00	-25.23 peak
6	17235.000	17.83	40.01	54.35	44.27	47.76	68.20	-20.44 peak



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11ax_20M_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5745 TX RSE

: 5.8G Wi-Fi 11ax20

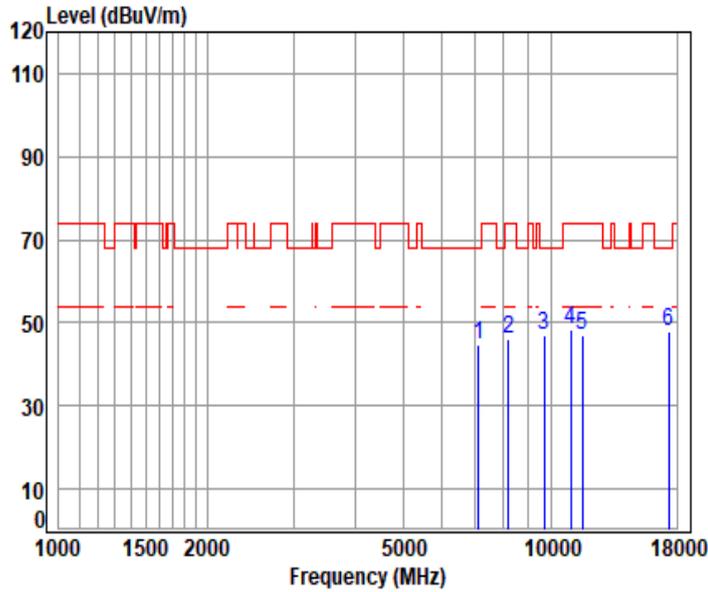
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7153.113	11.74	36.51	56.58	54.31	45.98	68.20	-22.22	peak
2	8488.119	12.23	38.32	55.46	52.24	47.33	74.00	-26.67	peak
3	8850.100	12.23	38.50	55.13	52.19	47.79	68.20	-20.41	peak
4	10972.000	14.11	39.37	53.52	48.36	48.32	74.00	-25.68	peak
5	11490.000	14.97	39.61	53.65	49.08	50.01	74.00	-23.99	peak
6	pp17235.000	17.83	40.01	54.35	44.54	48.03	68.20	-20.17	peak



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11ax_20M_TX_CH_157_Horizontal



Condition: 3m HORIZONTAL

Job No : 01544WM

Mode : 5785 TX RSE

: 5.8G Wi-Fi 11ax20

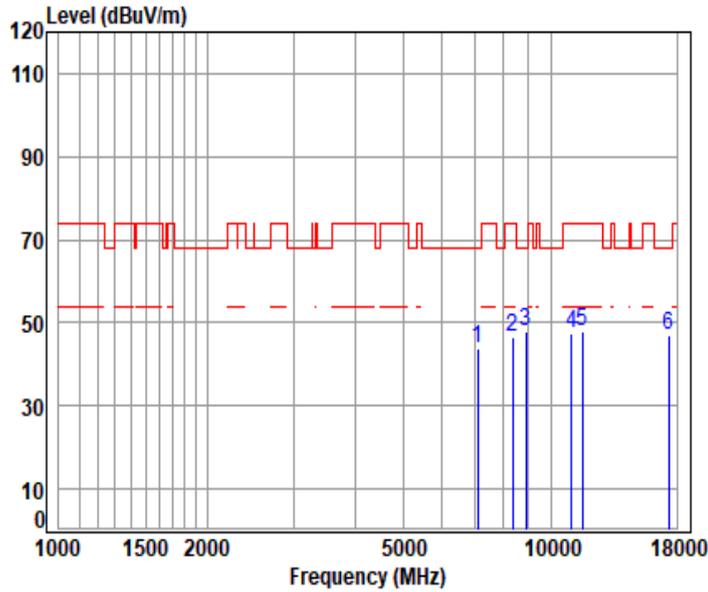
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Line	Limit	Remark		
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7116.776	11.91	36.43	56.61	52.82	44.55	68.20	-23.65	peak
2	8207.551	11.58	37.97	55.71	52.12	45.96	74.00	-28.04	peak
3	9699.749	12.70	38.70	54.37	50.06	47.09	68.20	-21.11	peak
4	10983.190	14.13	39.38	53.51	48.18	48.18	74.00	-25.82	peak
5	11570.000	14.78	39.60	53.67	46.20	46.91	74.00	-27.09	peak
6	pp17355.000	18.00	40.31	54.37	43.99	47.93	68.20	-20.27	peak



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11ax_20M_TX_CH_157_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5785 TX RSE

: 5.8G Wi-Fi 11ax20

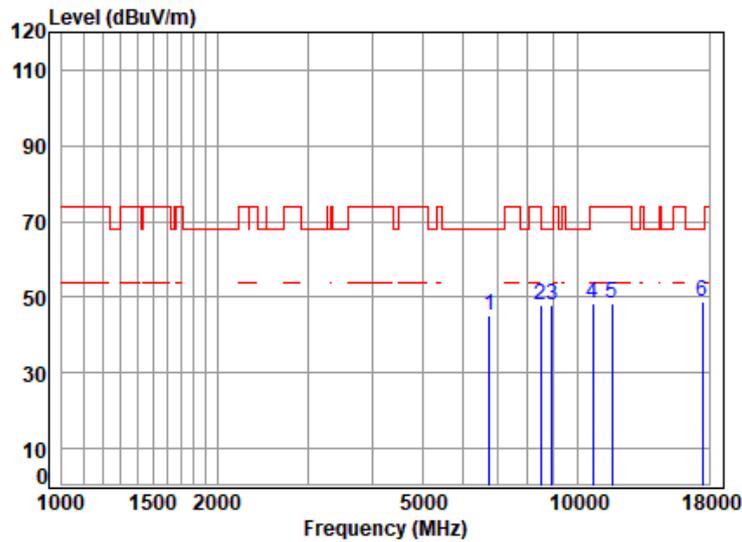
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	7109.531	11.95	36.42	56.61	52.27	44.03	68.20	-24.17 peak	
2	8342.406	11.70	38.58	55.59	51.86	46.55	74.00	-27.45 peak	
3	pp 8904.353	12.22	38.59	55.09	52.14	47.86	68.20	-20.34 peak	
4	11005.580	14.20	39.41	53.50	47.49	47.60	74.00	-26.40 peak	
5	11570.000	14.78	39.60	53.67	47.21	47.92	74.00	-26.08 peak	
6	17355.000	18.00	40.31	54.37	42.83	46.77	68.20	-21.43 peak	



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11ax_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
 Job No : 01544WM
 Mode : 5825 TX RSE
 : 5.8G Wi-Fi 11ax20

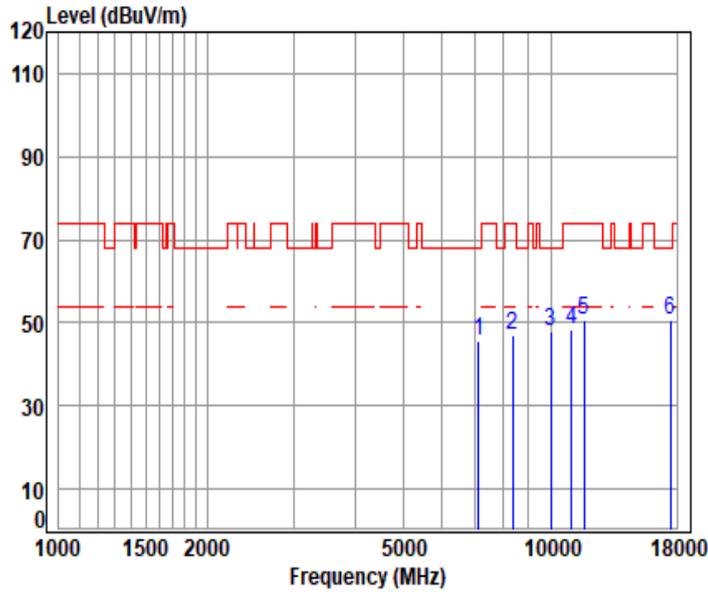
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6749.641	11.39	35.70	56.75	54.78	45.12	68.20	-23.08 peak
2	8496.769	12.29	38.31	55.45	52.97	48.12	74.00	-25.88 peak
3	8922.510	12.20	38.55	55.07	52.04	47.72	68.20	-20.48 Peak
4	10728.870	13.94	39.37	53.66	48.50	48.15	74.00	-25.85 peak
5	11650.000	14.69	39.55	53.69	47.71	48.26	74.00	-25.74 peak
6	pp17475.000	18.35	40.78	54.40	44.14	48.87	68.20	-19.33 peak



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11ax_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 01544WM

Mode : 5825 TX RSE

: 5.8G Wi-Fi 11ax20

	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	7124.029	11.88	36.45	56.60	54.12	45.85	68.20	-22.35 peak	
2	8342.406	11.70	38.58	55.59	52.26	46.95	74.00	-27.05 peak	
3	9970.208	12.95	38.90	54.13	50.05	47.77	68.20	-20.43 peak	
4	11005.580	14.20	39.41	53.50	48.43	48.54	74.00	-25.46 peak	
5	11650.000	14.69	39.55	53.69	49.92	50.47	74.00	-23.53 peak	
6	pp17475.000	18.35	40.78	54.40	45.94	50.67	68.20	-17.53 peak	



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7.5 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 (2013) Section 6.10.5

Measurement Distance: 3m

Limit:

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

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

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

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

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

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

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

7.5.1 E.U.T. Operation

Operating Environment:

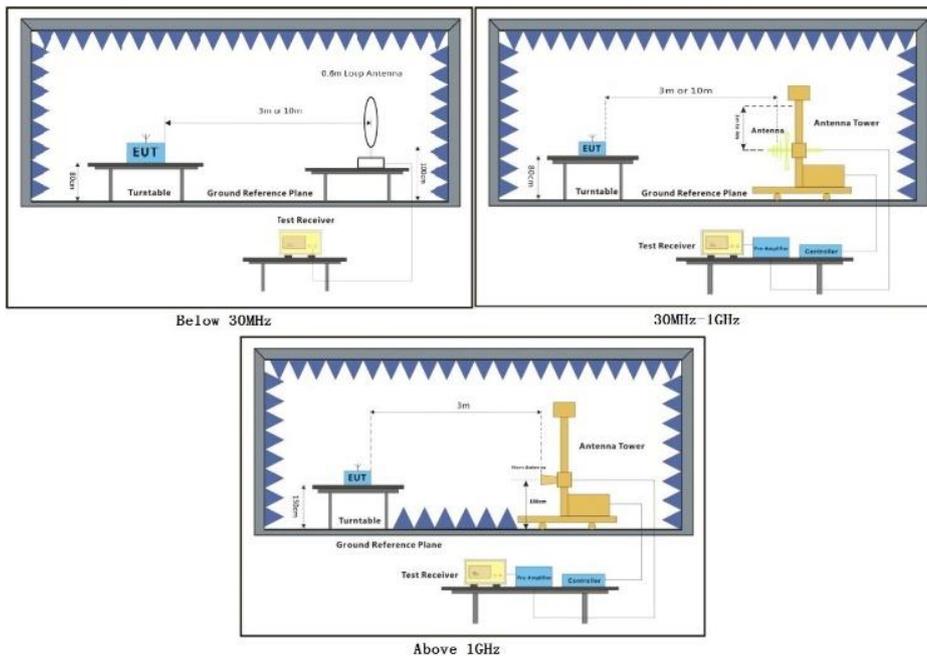
Temperature: 24.5 °C Humidity: 50.8 % RH Atmospheric Pressure: 1020 mbar



7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode_ 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 (20/40/80/160M), Only the data of worst case is recorded in the report.

7.5.3 Test Setup Diagram



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7.5.4 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.

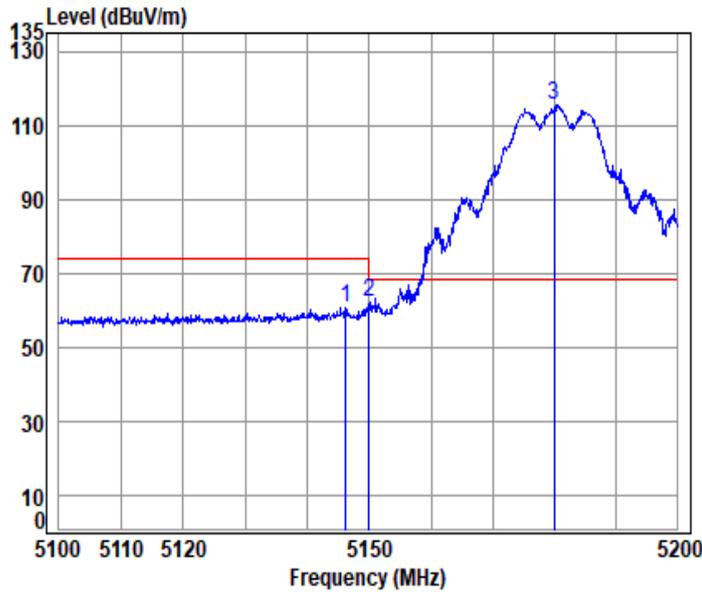
Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

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.



11a_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11a

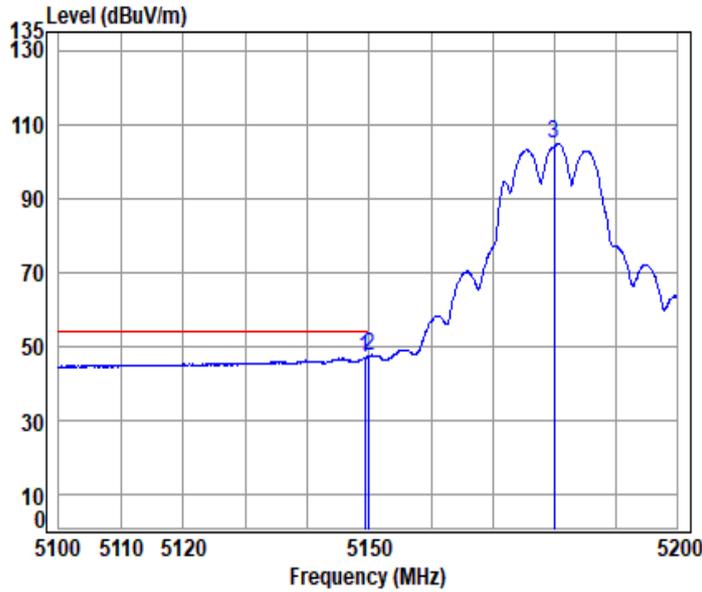
	Cable Freq	Ant Loss	Preamp Factor	Read Level	Limit Level	Over Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	
1	5146.159	10.13	32.39	30.84	48.79	60.47	74.00	-13.53 peak
2	5149.980	10.14	32.40	30.84	50.45	62.15	74.00	-11.85 peak
3 pp	5180.000	10.25	32.46	30.83	103.58	115.46	68.20	47.26 peak



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11a_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11a

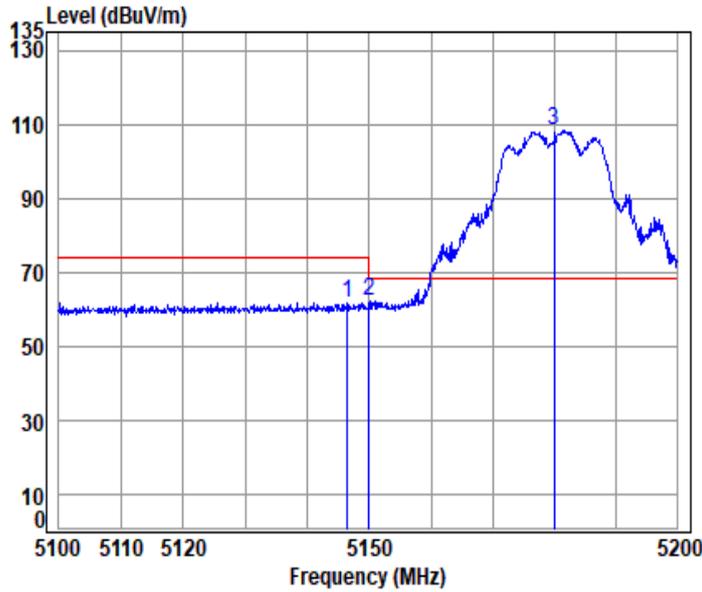
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5149.257	10.14	32.40	30.84	35.20	46.90	54.00	-7.10	Average
2	pp 5149.980	10.14	32.40	30.84	35.62	47.32	54.00	-6.68	Average
3	5180.000	10.25	32.46	30.83	92.92	104.80	-----	-----	Average



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11a_TX_CH_36_Vertical-Peak



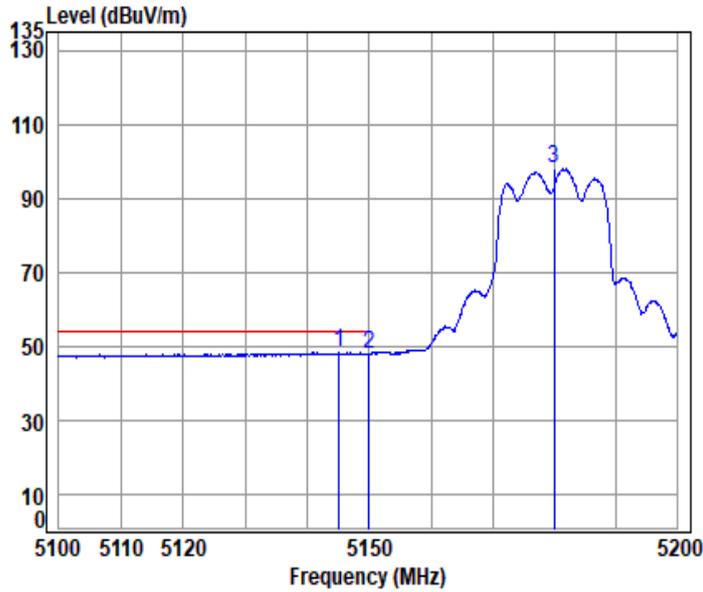
Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5180 Band edge
 : 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.458	10.13	32.39	30.84	50.02	61.70	74.00	-12.30 peak
2	5149.980	10.14	32.40	30.84	50.47	62.17	74.00	-11.83 peak
3 pp	5180.000	10.25	32.46	30.83	96.54	108.42	68.20	40.22 peak



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11a_TX_CH_36_Vertical-Avg



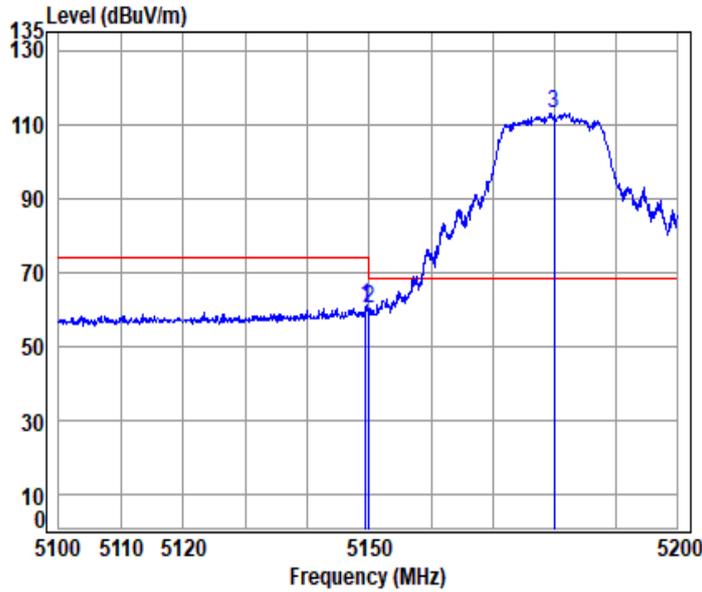
Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5180 Band edge
 : 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5145.159	10.12	32.39	30.84	36.45	48.12	54.00	-5.88	Average
2 5149.980	10.14	32.40	30.84	36.24	47.94	54.00	-6.06	Average
3 5180.000	10.25	32.46	30.83	85.94	97.82	-----	-----	Average



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11ac_VHT(20M)_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ac20

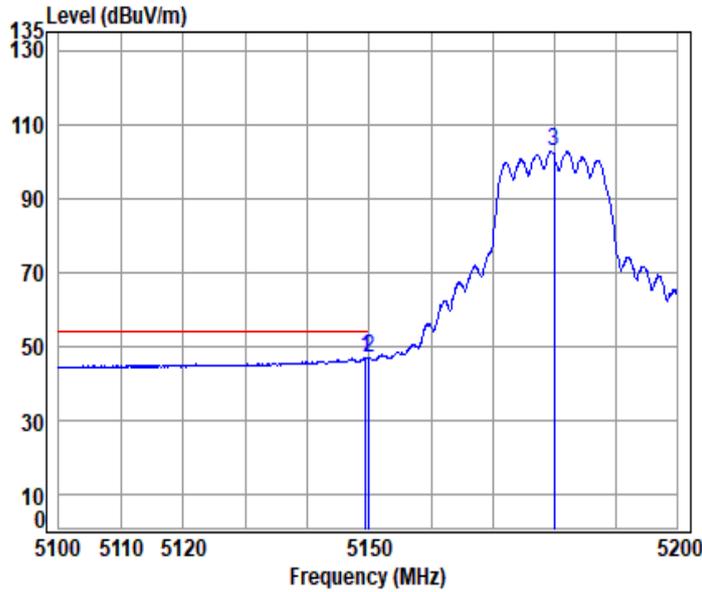
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.458	10.14	32.40	30.84	49.08	60.78	74.00	-13.22 peak
2	5149.980	10.14	32.40	30.84	48.55	60.25	74.00	-13.75 peak
3 pp	5180.000	10.25	32.46	30.83	100.87	112.75	68.20	44.55 peak



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11ac_VHT(20M)_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ac20

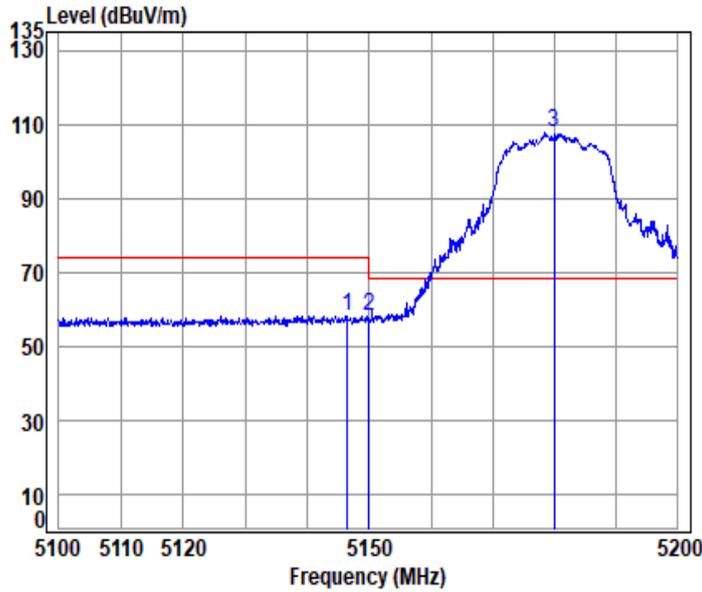
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5149.357	10.14	32.40	30.84	35.02	46.72	54.00	-7.28	Average
2	pp 5149.980	10.14	32.40	30.84	35.03	46.73	54.00	-7.27	Average
3	5180.000	10.25	32.46	30.83	90.74	102.62	-----	-----	Average



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11ac_VHT(20M)_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ac20

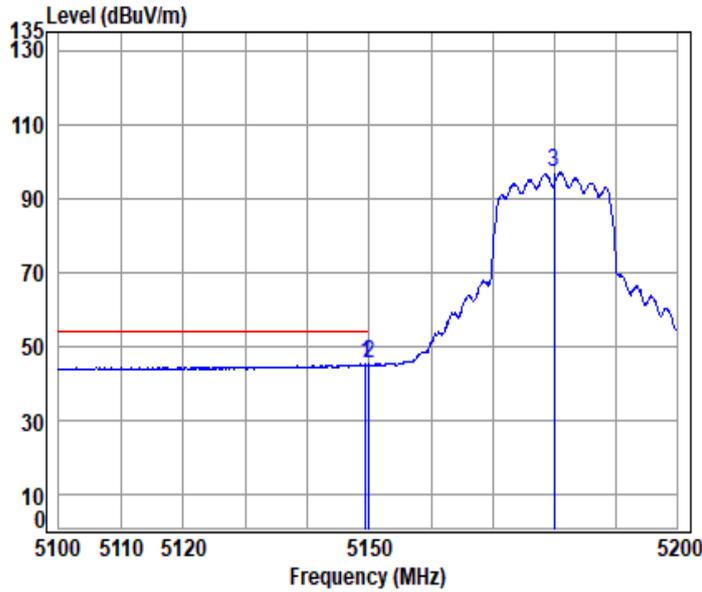
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.458	10.13	32.39	30.84	46.56	58.24	74.00	-15.76 peak
2	5149.980	10.14	32.40	30.84	46.32	58.02	74.00	-15.98 peak
3 pp	5180.000	10.25	32.46	30.83	95.83	107.71	68.20	39.51 peak



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11ac_VHT(20M)_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ac20

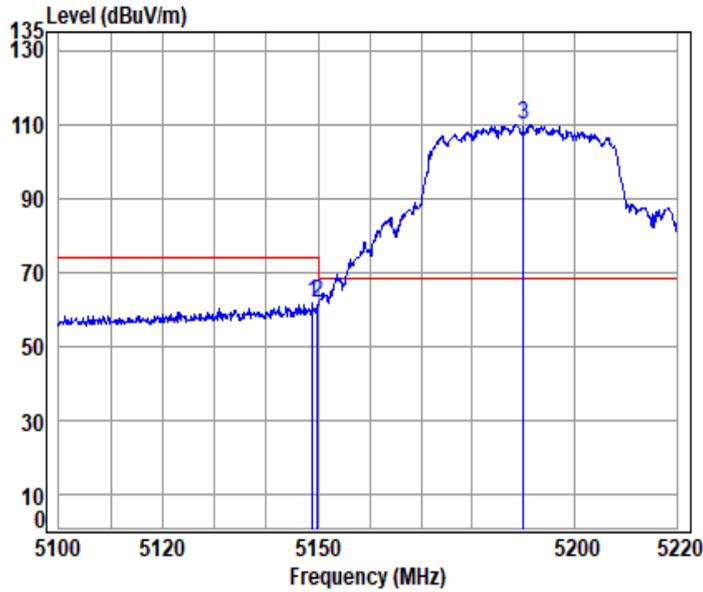
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5149.357	10.14	32.40	30.84	33.33	45.03	54.00	-8.97	Average	
2 5149.980	10.14	32.40	30.84	33.23	44.93	54.00	-9.07	Average	
3 5180.000	10.25	32.46	30.83	85.09	96.97	-----	-----	Average	



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11ac_VHT(40M)_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

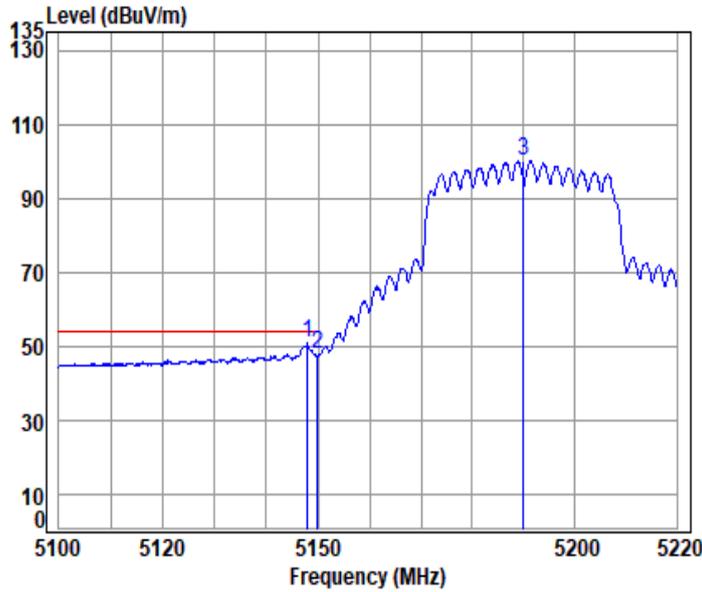
Mode : 5190 Band edge

: 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.863	10.14	32.40	30.84	49.80	61.50	74.00	-12.50 peak
2	5149.980	10.14	32.40	30.84	49.94	61.64	74.00	-12.36 peak
3	pp 5190.000	10.29	32.48	30.82	98.04	109.99	68.20	41.79 peak



11ac_VHT(40M)_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5190 Band edge
 : 5G Wi-Fi 11ac40

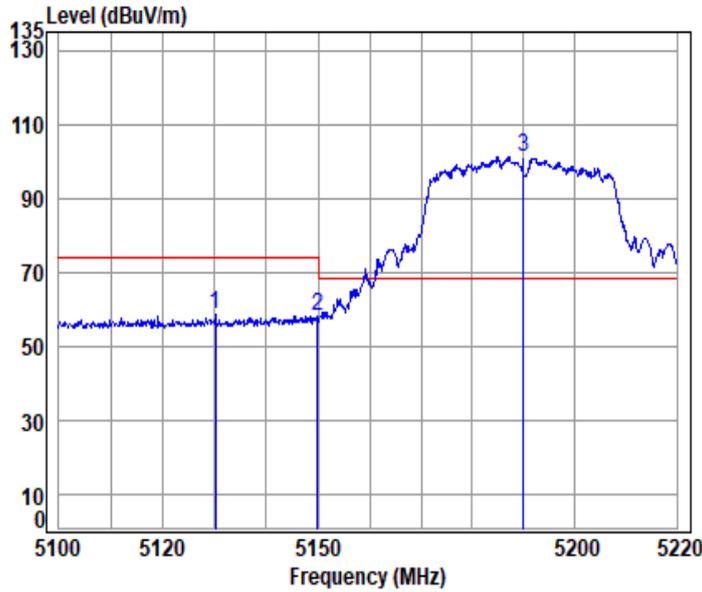
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5148.024	10.13	32.40	30.84	39.07	50.76	54.00	-3.24	Average
2 5149.980	10.14	32.40	30.84	36.14	47.84	54.00	-6.16	Average
3 5190.000	10.29	32.48	30.82	88.12	100.07	-----	-----	Average



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11ac_VHT(40M)_TX_CH_38_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ac40

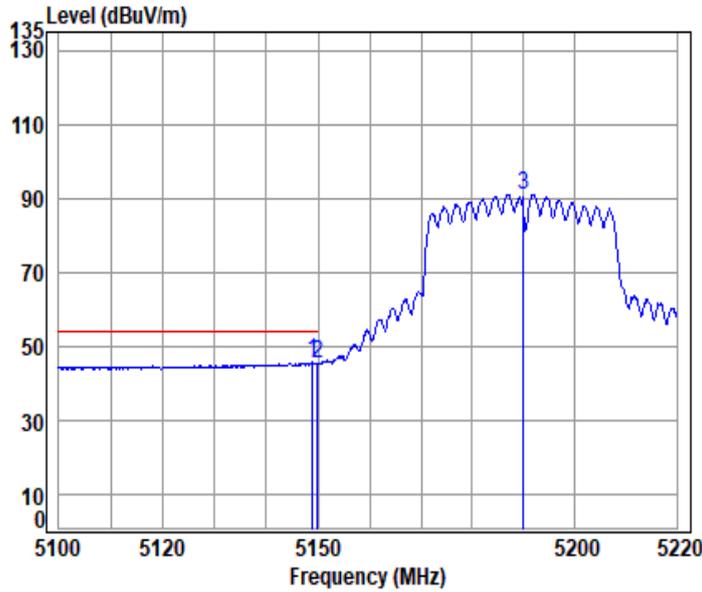
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5130.097	10.06	32.36	30.85	46.76	58.33	74.00	-15.67	peak
2	5149.980	10.14	32.40	30.84	46.55	58.25	74.00	-15.75	peak
3	pp 5190.000	10.29	32.48	30.82	89.42	101.37	68.20	33.17	peak



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11ac_VHT(40M)_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ac40

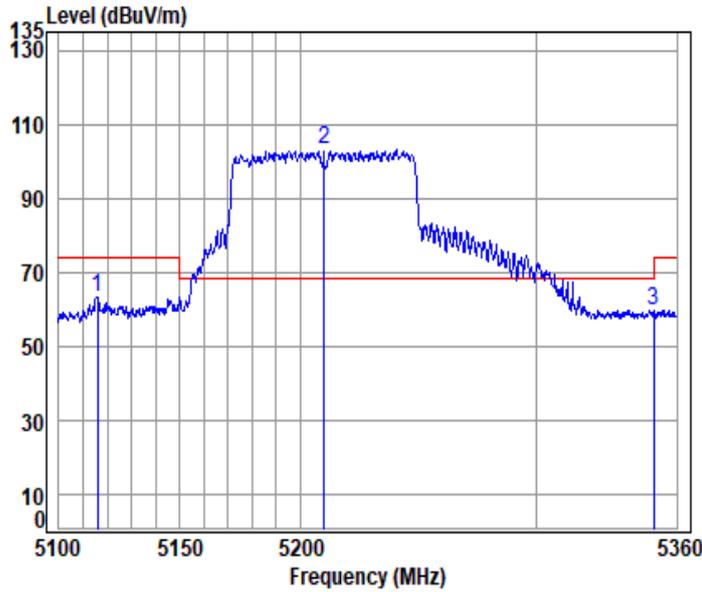
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5148.982	10.14	32.40	30.84	33.84	45.54	54.00	-8.46	Average	
2 5149.980	10.14	32.40	30.84	33.65	45.35	54.00	-8.65	Average	
3 5190.000	10.29	32.48	30.82	79.13	91.08	-----	-----	Average	



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11ac_VHT(80M)_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

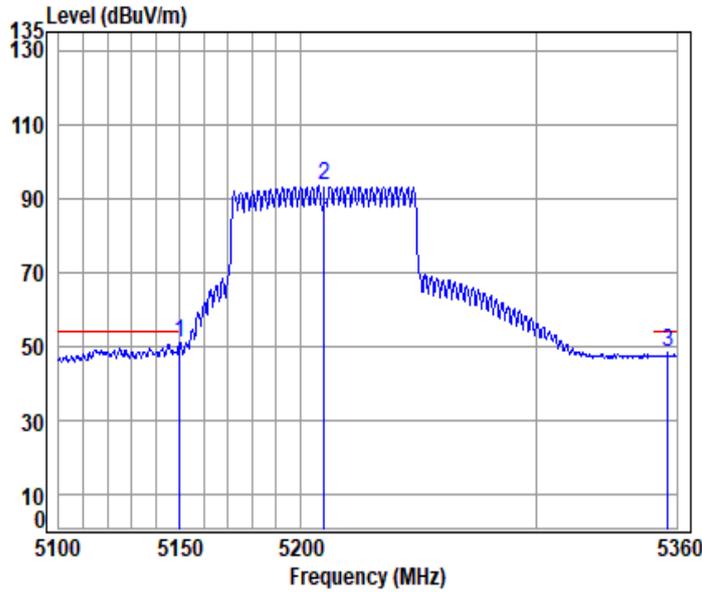
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5115.747	10.01	32.33	30.85	51.75	63.24	74.00	-10.76 peak
2	pp 5210.000	10.32	32.52	30.82	90.93	102.95	68.20	34.75 peak
3	5350.148	10.45	32.80	30.76	46.94	59.43	74.00	-14.57 peak



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11ac_VHT(80M)_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

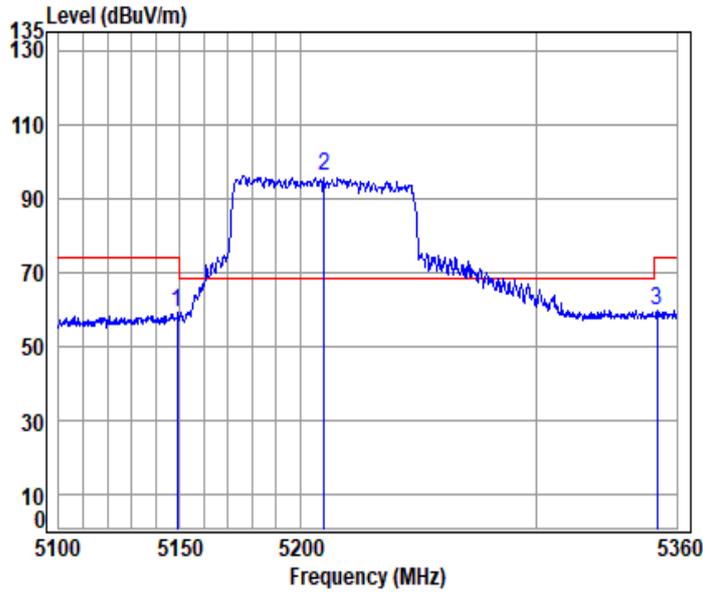
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5149.690	10.14	32.40	30.84	39.07	50.77	54.00	-3.23	Average
2 5210.000	10.32	32.52	30.82	81.21	93.23	-----	-----	Average
3 5356.270	10.47	32.80	30.76	35.59	48.10	54.00	-5.90	Average



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11ac_VHT(80M)_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

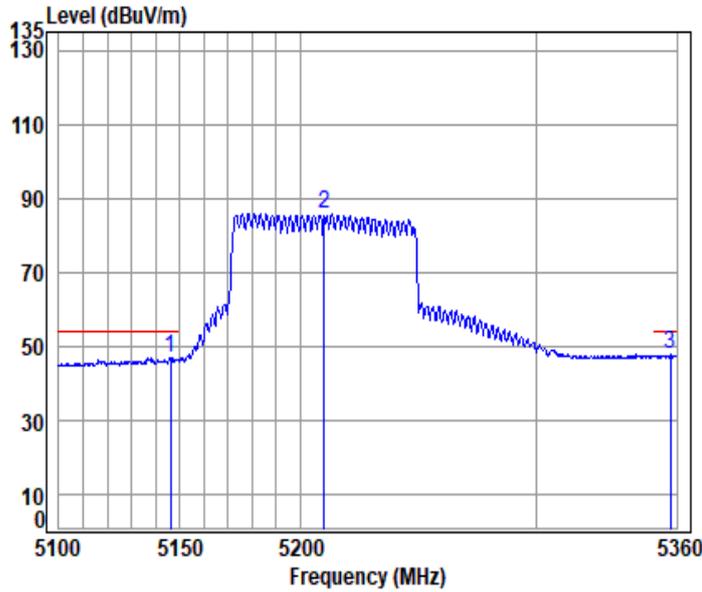
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.922	10.14	32.40	30.84	47.08	58.78	74.00	-15.22 peak
2	pp 5210.000	10.32	32.52	30.82	84.09	96.11	68.20	27.91 peak
3	5351.478	10.46	32.80	30.76	46.89	59.39	74.00	-14.61 peak



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11ac_VHT(80M)_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

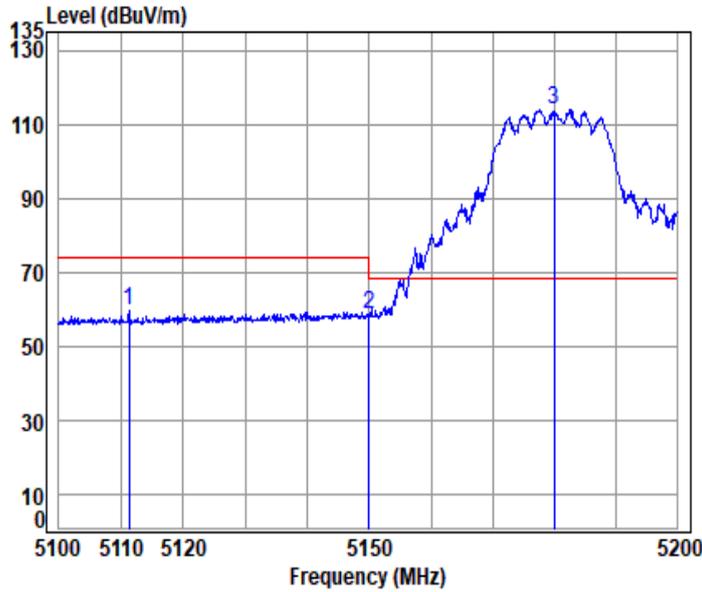
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Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5146.107	10.13	32.39	30.84	35.28	46.96	54.00	-7.04	Average
2	5210.000	10.32	32.52	30.82	73.72	85.74	-----	-----	Average
3 pp	5357.335	10.47	32.80	30.76	35.32	47.83	54.00	-6.17	Average



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11ax_20M_TX_CH_36_Horizontal-Peak



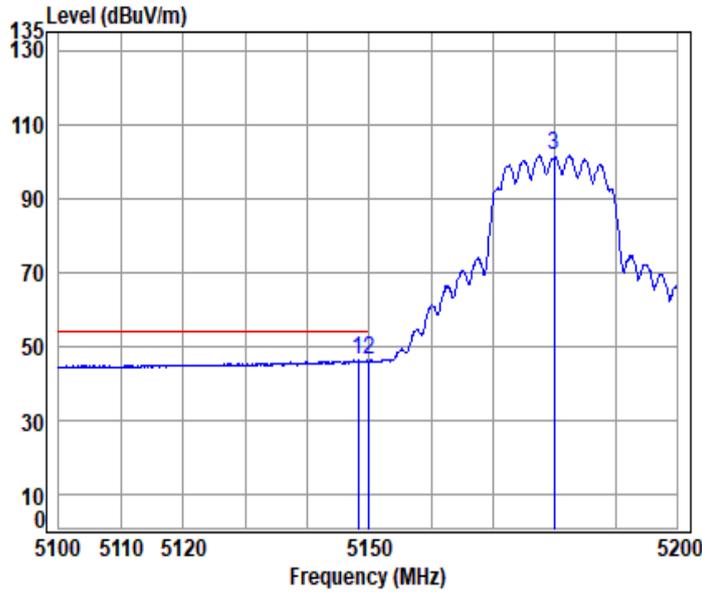
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5180 Band edge
 : 5G Wi-Fi 11ax20

	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	5111.302	9.99	32.32	30.86	47.97	59.42	74.00	-14.58 peak
2	5149.980	10.14	32.40	30.84	46.88	58.58	74.00	-15.42 peak
3 pp	5180.000	10.25	32.46	30.83	102.30	114.18	68.20	45.98 peak



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11ax_20M_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

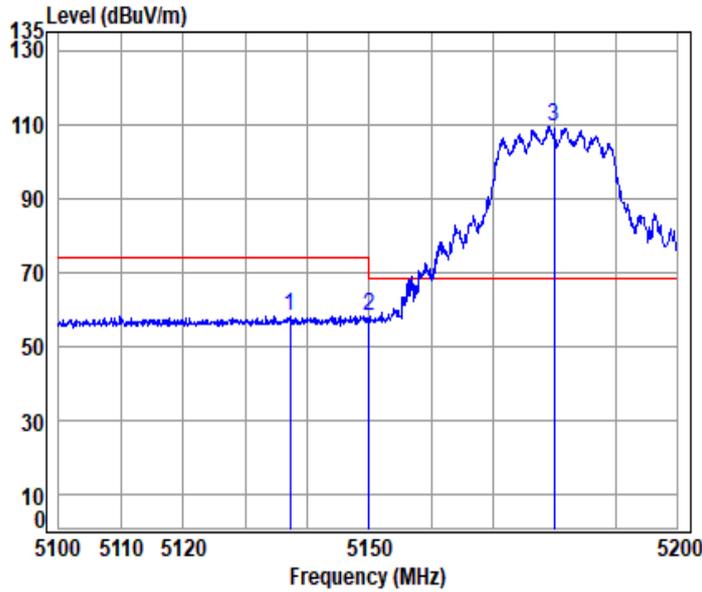
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5148.158	10.13	32.40	30.84	34.36	46.05	54.00	-7.95	Average
2	pp 5149.980	10.14	32.40	30.84	34.54	46.24	54.00	-7.76	Average
3	5180.000	10.25	32.46	30.83	89.65	101.53	-----	-----	Average



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11ax_20M_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

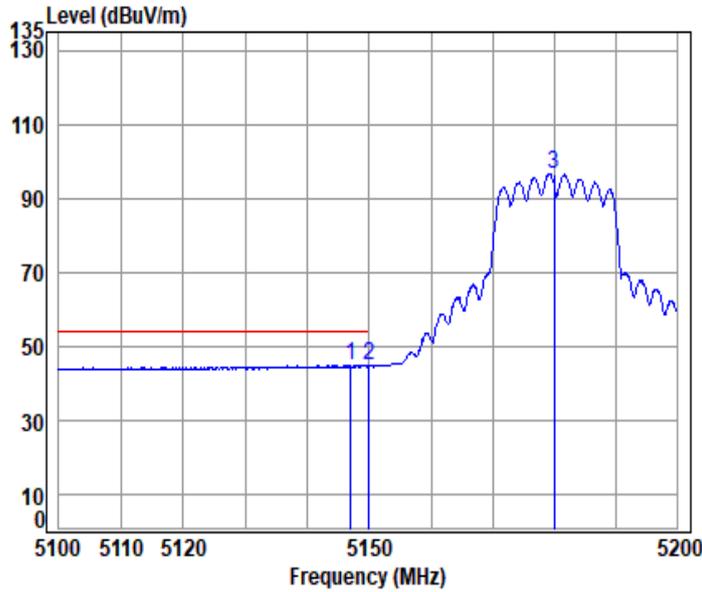
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5137.173	10.09	32.37	30.85	46.50	58.11	74.00	-15.89	peak
2	5149.980	10.14	32.40	30.84	46.19	57.89	74.00	-16.11	peak
3	pp 5180.000	10.25	32.46	30.83	97.60	109.48	68.20	41.28	peak



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11ax_20M_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

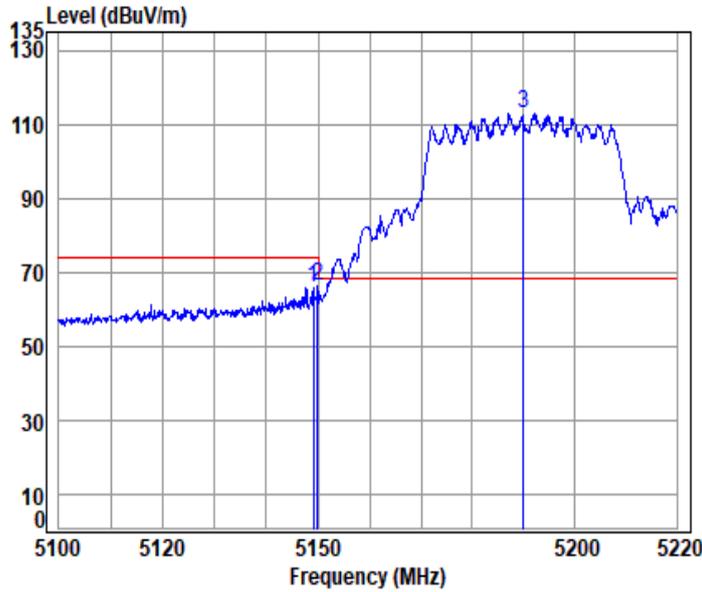
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5147.058	10.13	32.39	30.84	33.06	44.74	54.00	-9.26	Average	
2 5149.980	10.14	32.40	30.84	32.95	44.65	54.00	-9.35	Average	
3 5180.000	10.25	32.46	30.83	84.77	96.65	-----	-----	Average	



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11ax_40M_TX_CH_38_Horizontal-Peak



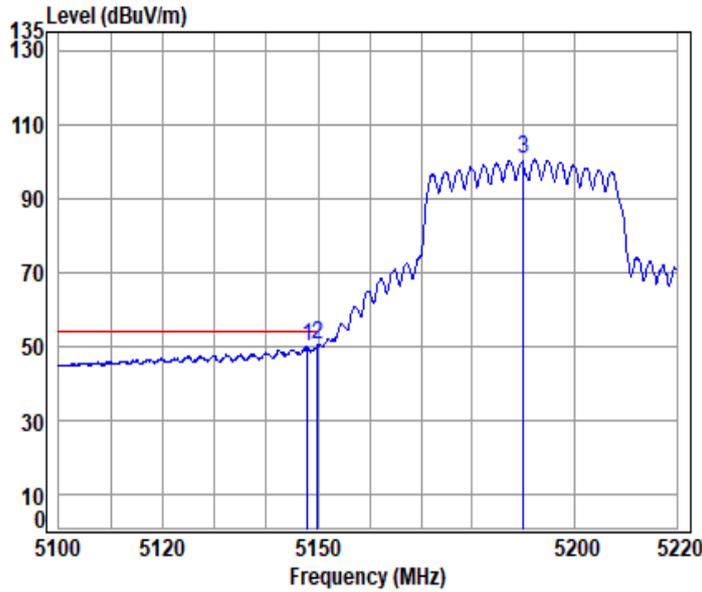
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5190 Band edge
 : 5G Wi-Fi 11ax40

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.102	10.14	32.40	30.84	53.91	65.61	74.00	-8.39 peak
2	5149.980	10.14	32.40	30.84	54.70	66.40	74.00	-7.60 peak
3 pp	5190.000	10.29	32.48	30.82	100.85	112.80	68.20	44.60 peak



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11ax_40M_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5190 Band edge
 : 5G Wi-Fi 11ax40

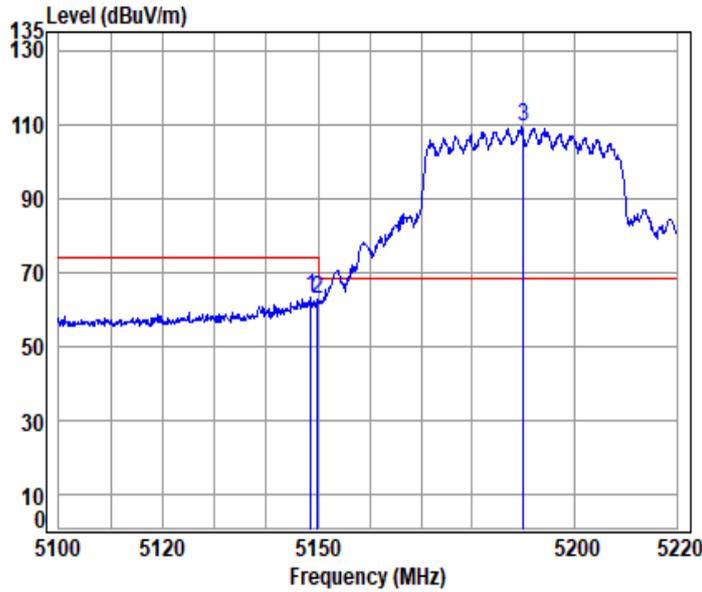
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5147.905	10.13	32.40	30.84	38.03	49.72	54.00	-4.28	Average
2	pp 5149.980	10.14	32.40	30.84	38.73	50.43	54.00	-3.57	Average
3	5190.000	10.29	32.48	30.82	88.49	100.44	-----	-----	Average



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11ax_40M_TX_CH_38_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40

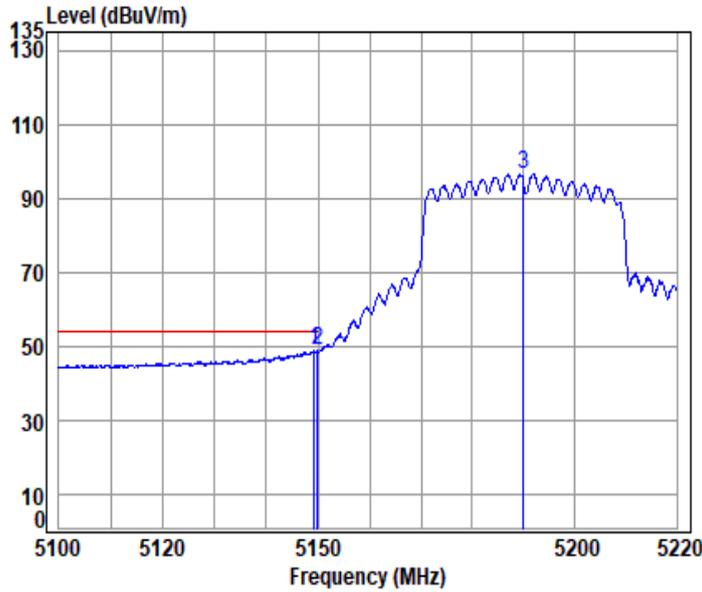
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5148.623	10.13	32.40	30.84	51.21	62.90	74.00	-11.10 peak	
2	5149.980	10.14	32.40	30.84	50.87	62.57	74.00	-11.43 peak	
3 pp	5190.000	10.29	32.48	30.82	97.31	109.26	68.20	41.06 peak	



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11ax_40M_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40

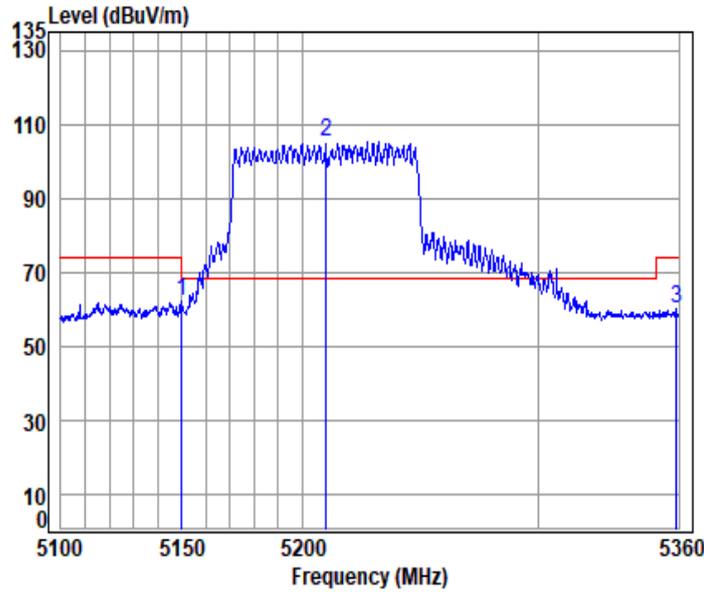
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5149.222	10.14	32.40	30.84	36.83	48.53	54.00	-5.47	Average
2	pp 5149.980	10.14	32.40	30.84	37.01	48.71	54.00	-5.29	Average
3	5190.000	10.29	32.48	30.82	84.80	96.75	-----	-----	Average



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11ax_80M_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80

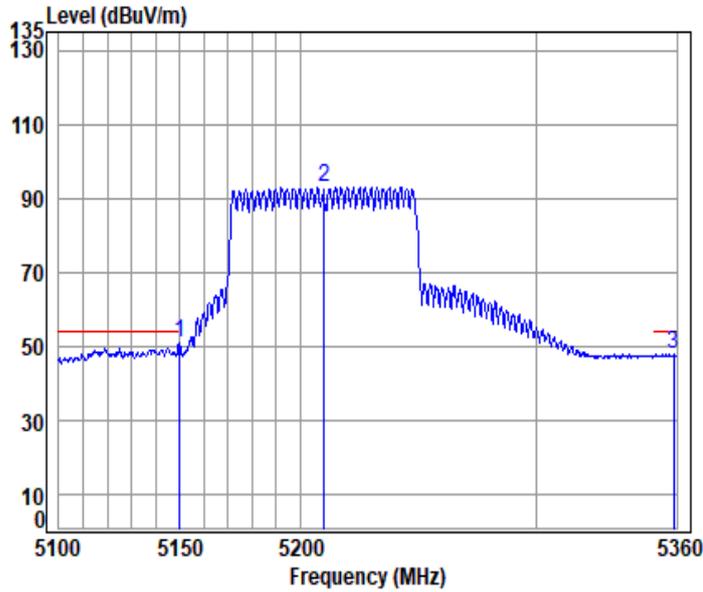
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.690	10.14	32.40	30.84	50.55	62.25	74.00	-11.75 peak
2	pp 5210.000	10.32	32.52	30.82	93.41	105.43	68.20	37.23 peak
3	5359.201	10.48	32.80	30.76	47.44	59.96	74.00	-14.04 peak



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11ax_80M_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5210 Band edge
 : 5G Wi-Fi 11ax80

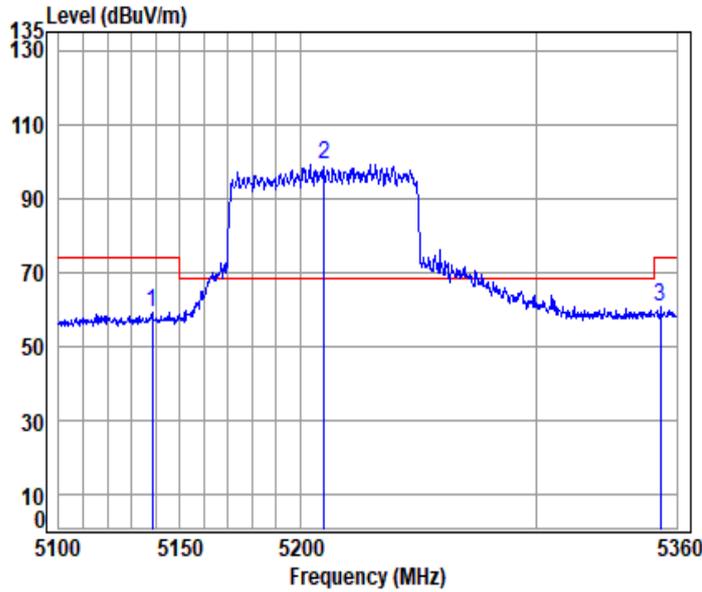
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5149.690	10.14	32.40	30.84	39.25	50.95	54.00	-3.05	Average
2 5210.000	10.32	32.52	30.82	80.99	93.01	-----	-----	Average
3 5358.667	10.48	32.80	30.76	35.31	47.83	54.00	-6.17	Average



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11ax_80M_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80

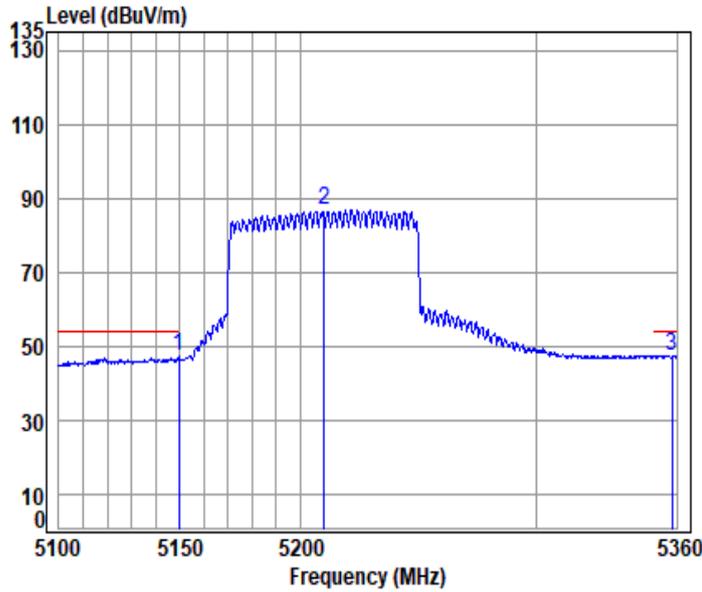
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.436	10.10	32.38	30.84	47.26	58.90	74.00	-15.10 peak
2	5210.000	10.32	32.52	30.82	87.25	99.27	68.20	31.07 peak
3	5353.075	10.46	32.80	30.76	48.08	60.58	74.00	-13.42 peak



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11ax_80M_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80

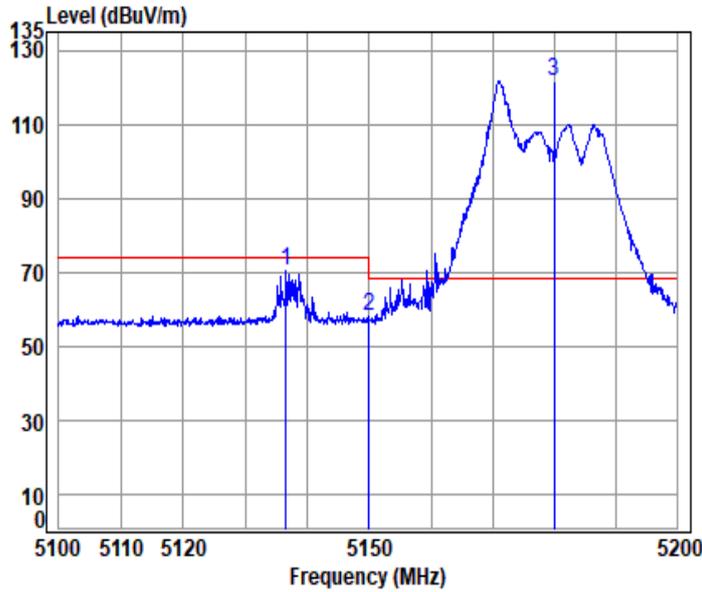
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5149.435	10.14	32.40	30.84	35.33	47.03	54.00	-6.97	Average
2	5210.000	10.32	32.52	30.82	74.70	86.72	-----	-----	Average
3 pp	5357.868	10.48	32.80	30.76	34.95	47.47	54.00	-6.53	Average



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11ax_20M_Partial_RU26_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 RU26

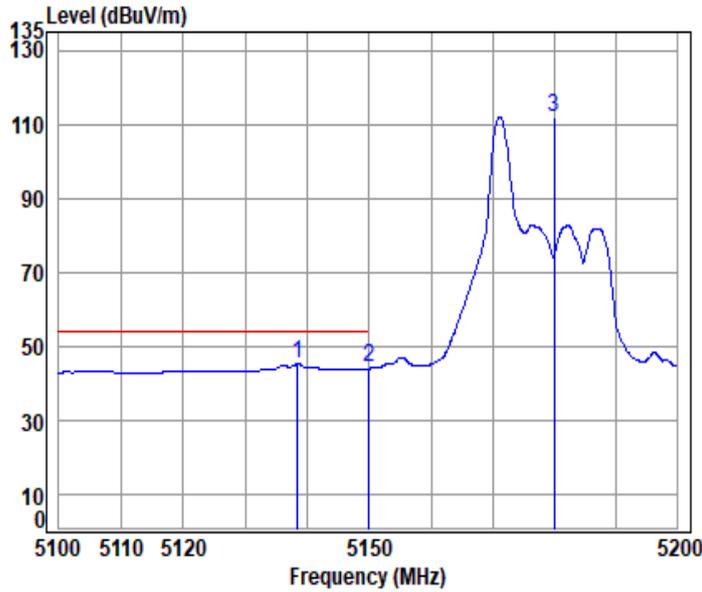
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5136.475	10.09	32.37	30.85	58.62	70.23	74.00	-3.77 peak
2	5149.980	10.14	32.40	30.84	46.24	57.94	74.00	-16.06 peak
3 pp	5180.000	10.25	32.46	30.83	109.85	121.73	68.20	53.53 peak



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11ax_20M_Partial_RU26_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 RU26

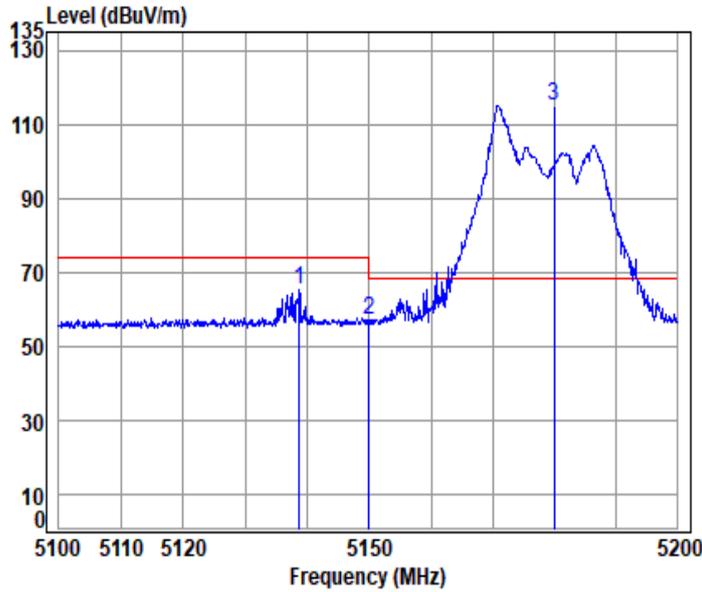
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5138.470	10.10	32.38	30.84	33.43	45.07	54.00	-8.93	Average
2 5149.980	10.14	32.40	30.84	32.20	43.90	54.00	-10.10	Average
3 5180.000	10.25	32.46	30.83	100.00	111.88	-----	-----	Average



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11ax_20M_Partial_RU26_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 RU26

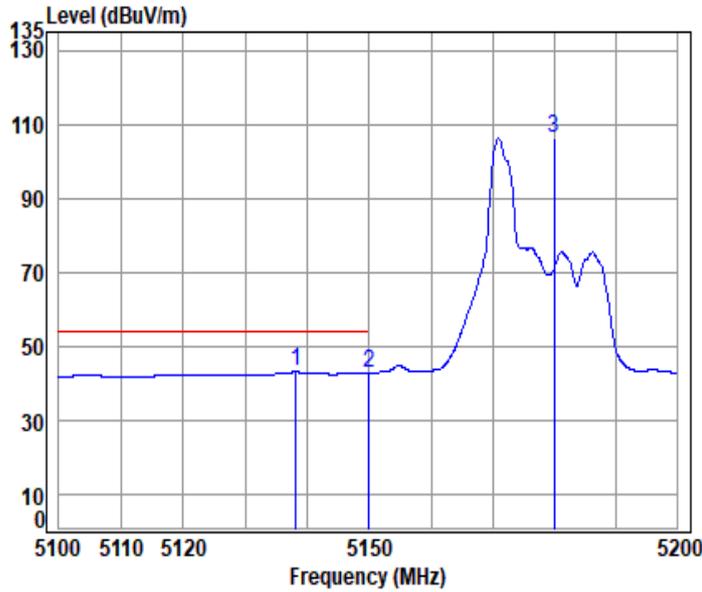
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.669	10.10	32.38	30.84	53.61	65.25	74.00	-8.75 peak
2	5149.980	10.14	32.40	30.84	45.13	56.83	74.00	-17.17 peak
3	pp 5180.000	10.25	32.46	30.83	103.34	115.22	68.20	47.02 peak



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11ax_20M_Partial_RU26_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 RU26

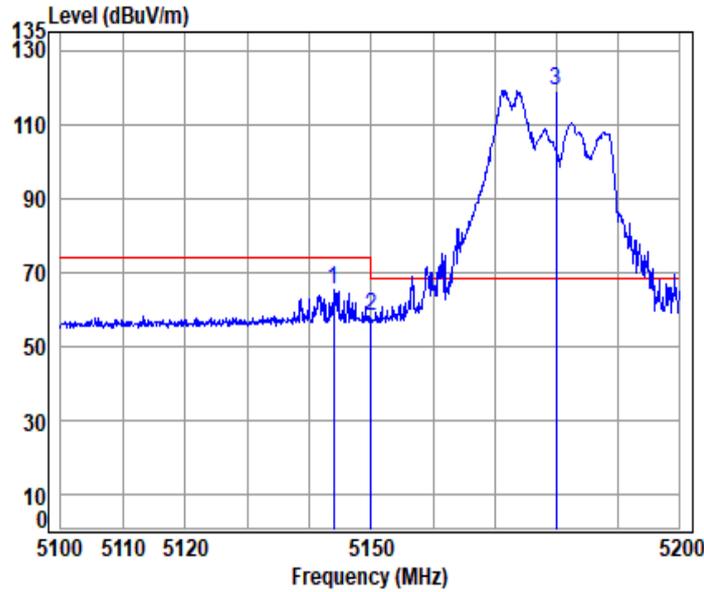
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5138.170	10.10	32.38	30.84	31.38	43.02	54.00	-10.98	Average	
2 5149.980	10.14	32.40	30.84	30.90	42.60	54.00	-11.40	Average	
3 5180.000	10.25	32.46	30.83	94.20	106.08	-----	-----	Average	



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11ax_20M_Partial_RU52_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 RU52

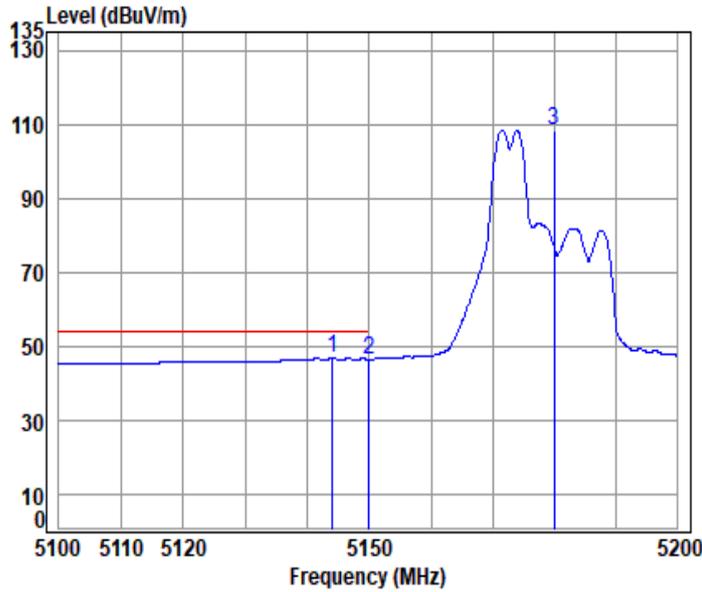
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5143.960	10.12	32.39	30.84	53.40	65.07	74.00	-8.93 peak	
2	5149.980	10.14	32.40	30.84	46.22	57.92	74.00	-16.08 peak	
3 pp	5180.000	10.25	32.46	30.83	107.26	119.14	68.20	50.94 peak	



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11ax_20M_Partial_RU52_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 RU52

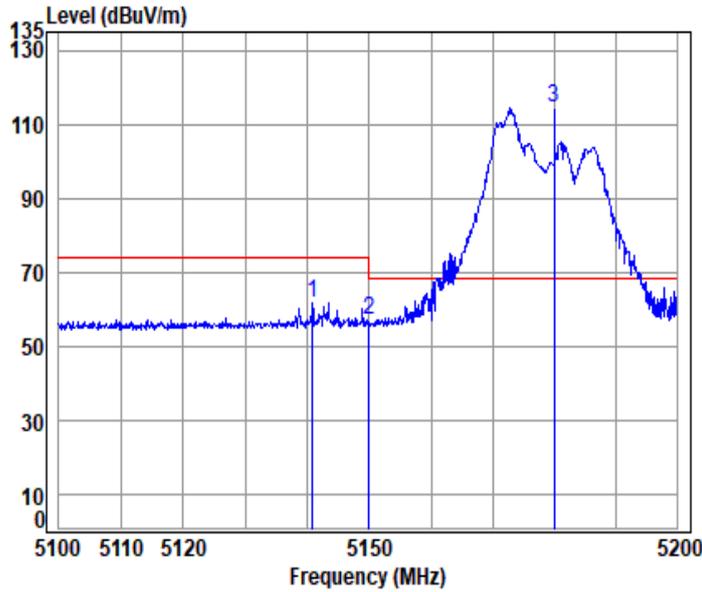
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5144.061	10.12	32.39	30.84	34.92	46.59	54.00	-7.41	Average	
2 5149.980	10.14	32.40	30.84	34.73	46.43	54.00	-7.57	Average	
3 5180.000	10.25	32.46	30.83	96.48	108.36	-----	-----	Average	



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11ax_20M_Partial_RU52_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 RU52

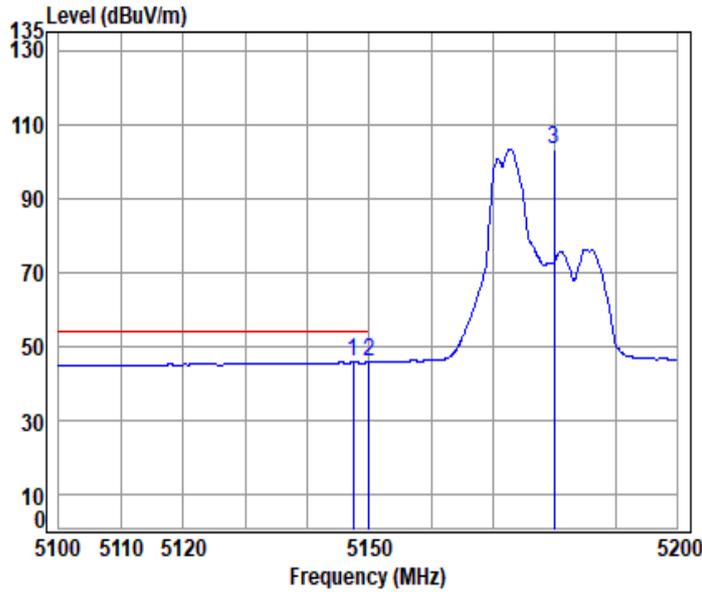
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5140.865	10.11	32.38	30.84	49.94	61.59	74.00	-12.41 peak
2	5149.980	10.14	32.40	30.84	45.04	56.74	74.00	-17.26 peak
3 pp	5180.000	10.25	32.46	30.83	102.79	114.67	68.20	46.47 peak



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11ax_20M_Partial_RU52_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 RU52

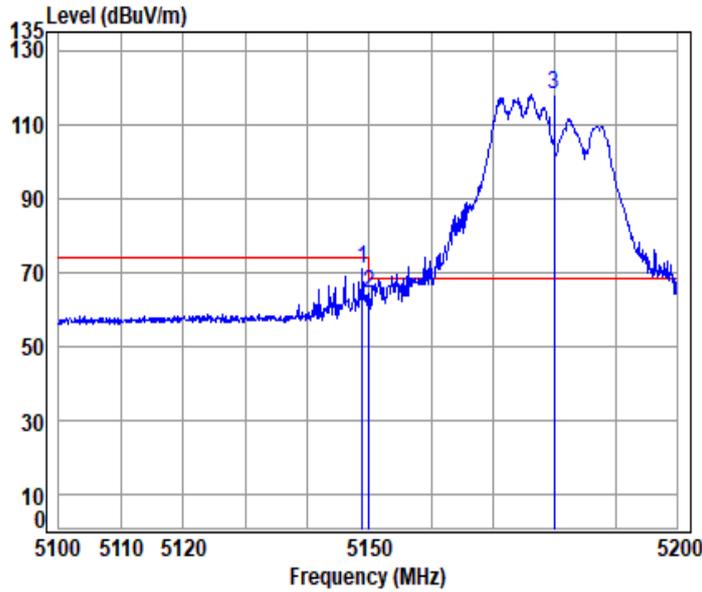
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5147.458	10.13	32.39	30.84	33.79	45.47	54.00	-8.53	Average
2 5149.980	10.14	32.40	30.84	33.76	45.46	54.00	-8.54	Average
3 5180.000	10.25	32.46	30.83	91.29	103.17	-----	-----	Average



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11ax_20M_Partial_RU106_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5180 Band edge
 : 5G Wi-Fi 11ax20 RU106

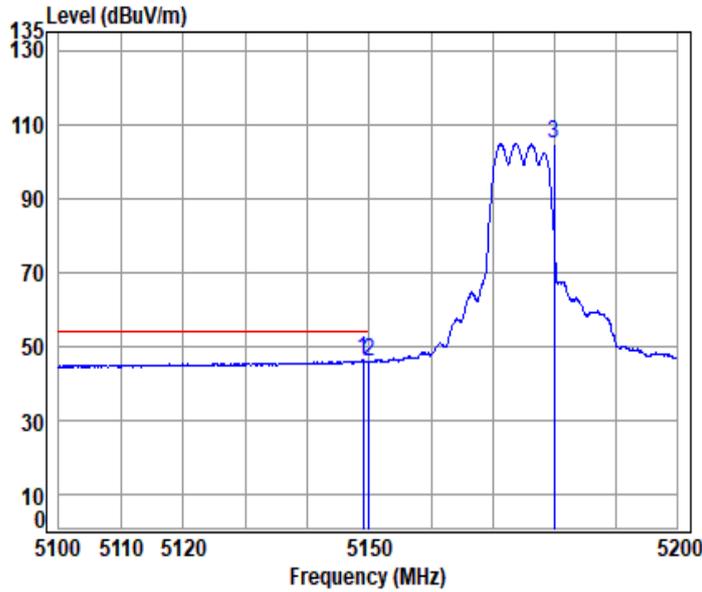
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.857	10.14	32.40	30.84	59.17	70.87	74.00	-3.13 peak
2	5149.980	10.14	32.40	30.84	52.23	63.93	74.00	-10.07 peak
3 pp	5180.000	10.25	32.46	30.83	105.95	117.83	68.20	49.63 peak



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11ax_20M_Partial_RU106_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5180 Band edge
 : 5G Wi-Fi 11ax20 RU106

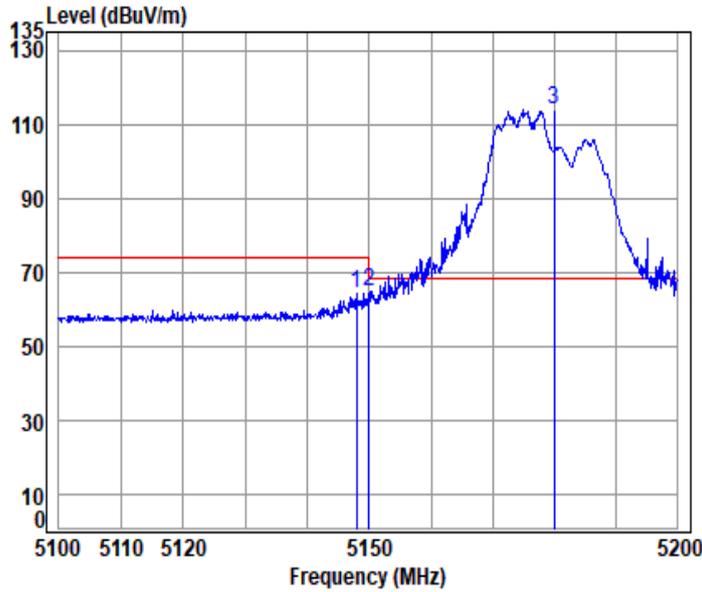
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5149.057	10.14	32.40	30.84	34.42	46.12	54.00	-7.88	Average
2 5149.980	10.14	32.40	30.84	34.11	45.81	54.00	-8.19	Average
3 5180.000	10.25	32.46	30.83	92.75	104.63	-----	-----	Average



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11ax_20M_Partial_RU106_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

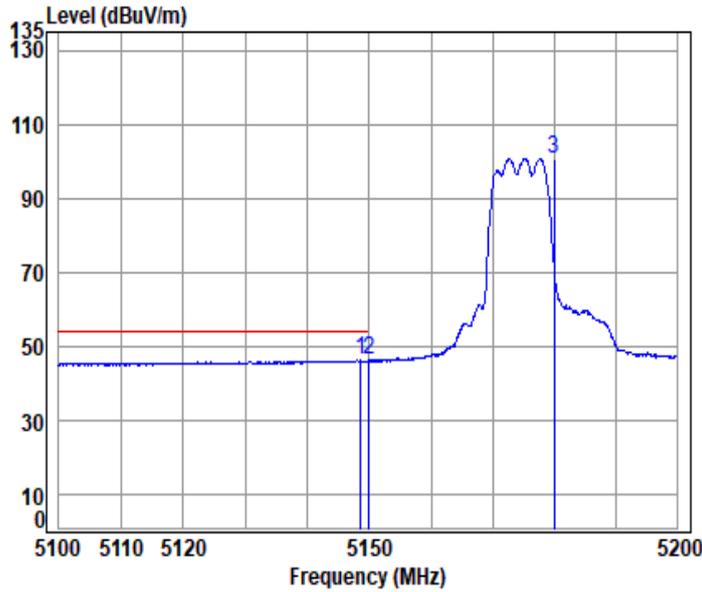
Mode : 5180 Band edge

: 5G Wi-Fi 11ax20 RU106

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.958	10.13	32.40	30.84	52.69	64.38	74.00	-9.62 peak
2	5149.980	10.14	32.40	30.84	52.81	64.51	74.00	-9.49 peak
3 pp	5180.000	10.25	32.46	30.83	102.13	114.01	68.20	45.81 peak



11ax_20M_Partial_RU106_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5180 Band edge
 : 5G Wi-Fi 11ax20 RU106

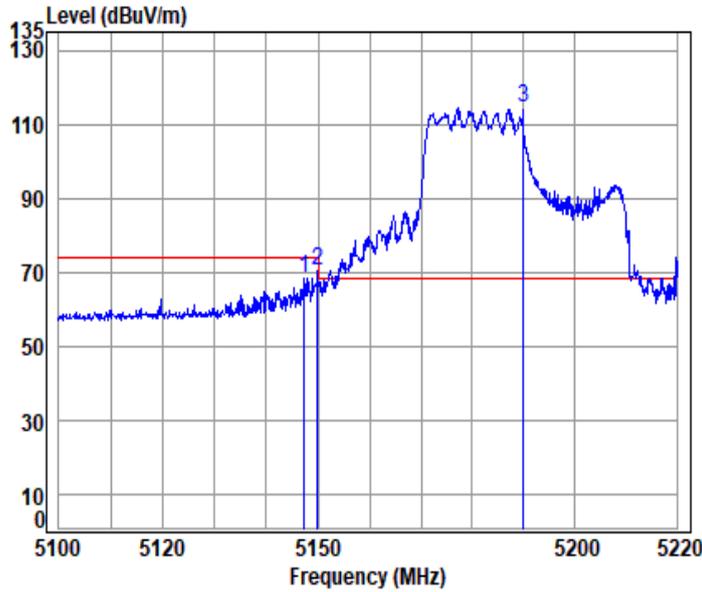
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5148.558	10.13	32.40	30.84	34.46	46.15	54.00	-7.85	Average	
2 5149.980	10.14	32.40	30.84	34.31	46.01	54.00	-7.99	Average	
3 5180.000	10.25	32.46	30.83	88.77	100.65	-----	-----	Average	



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11ax_40M_Partial_RU242_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40 RU242

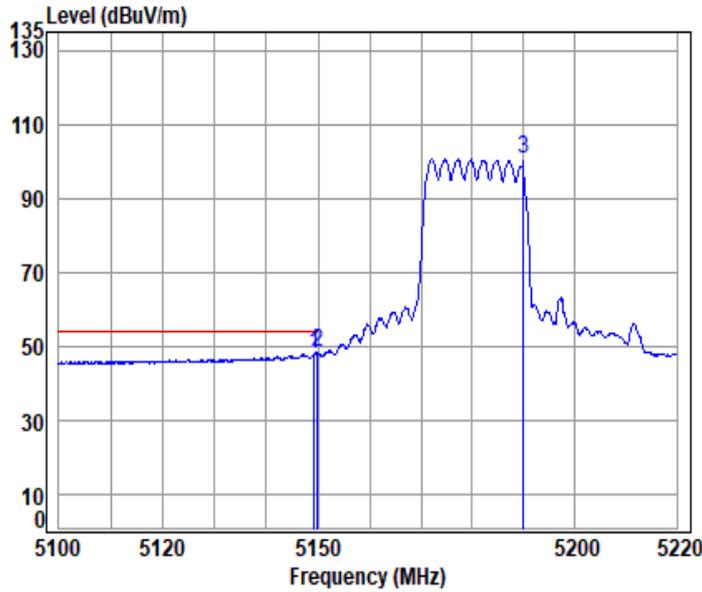
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5147.306	10.13	32.39	30.84	56.73	68.41	74.00	-5.59 peak	
2	5149.980	10.14	32.40	30.84	58.74	70.44	74.00	-3.56 peak	
3 pp	5190.000	10.29	32.48	30.82	102.41	114.36	68.20	46.16 peak	



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11ax_40M_Partial_RU242_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40 RU242

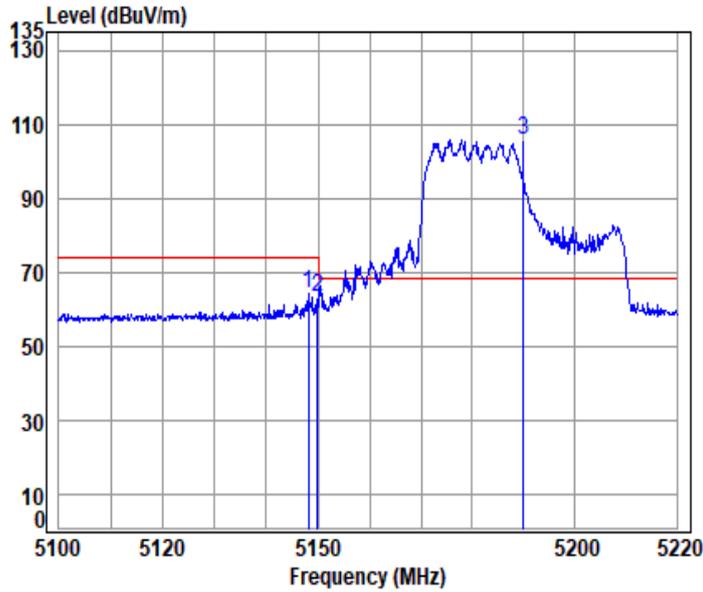
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5149.222	10.14	32.40	30.84	36.18	47.88	54.00	-6.12	Average
2	pp 5149.980	10.14	32.40	30.84	36.42	48.12	54.00	-5.88	Average
3	5190.000	10.29	32.48	30.82	88.54	100.49	-----	-----	Average



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11ax_40M_Partial_RU242_TX_CH_38_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40 RU242

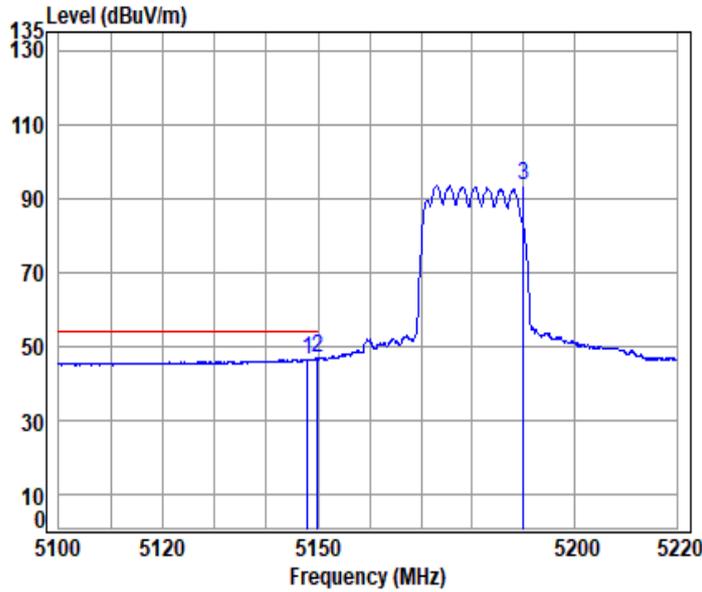
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5148.144	10.13	32.40	30.84	52.72	64.41	74.00	-9.59 peak	
2	5149.980	10.14	32.40	30.84	51.37	63.07	74.00	-10.93 peak	
3 pp	5190.000	10.29	32.48	30.82	93.95	105.90	68.20	37.70 peak	



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11ax_40M_Partial_RU242_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5190 Band edge

: 5G Wi-Fi 11ax40 RU242

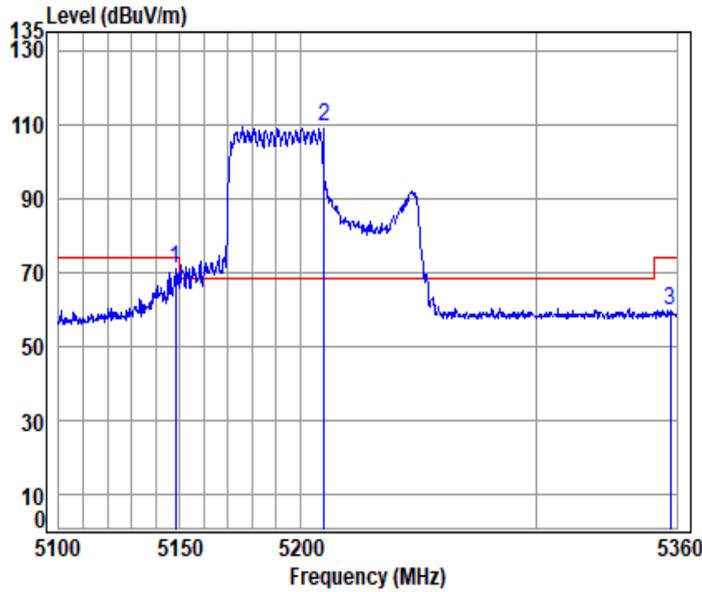
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5148.024	10.13	32.40	30.84	34.69	46.38	54.00	-7.62	Average
2	pp 5149.980	10.14	32.40	30.84	35.12	46.82	54.00	-7.18	Average
3	5190.000	10.29	32.48	30.82	81.44	93.39	-----	-----	Average



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11ax_80M_Partial_RU484_TX_CH_42_Horizontal-Peak



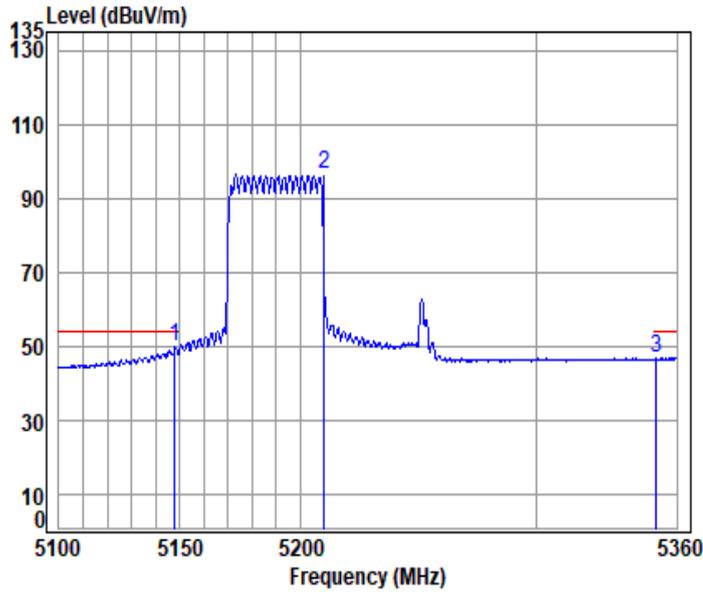
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5210 Band edge
 : 5G Wi-Fi 11ax80 RU484

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.154	10.13	32.40	30.84	59.05	70.74	74.00	-3.26 peak
2	pp 5210.000	10.32	32.52	30.82	97.33	109.35	68.20	41.15 peak
3	5357.335	10.47	32.80	30.76	47.21	59.72	74.00	-14.28 peak



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11ax_80M_Partial_RU484_TX_CH_42_Horizontal-Avg



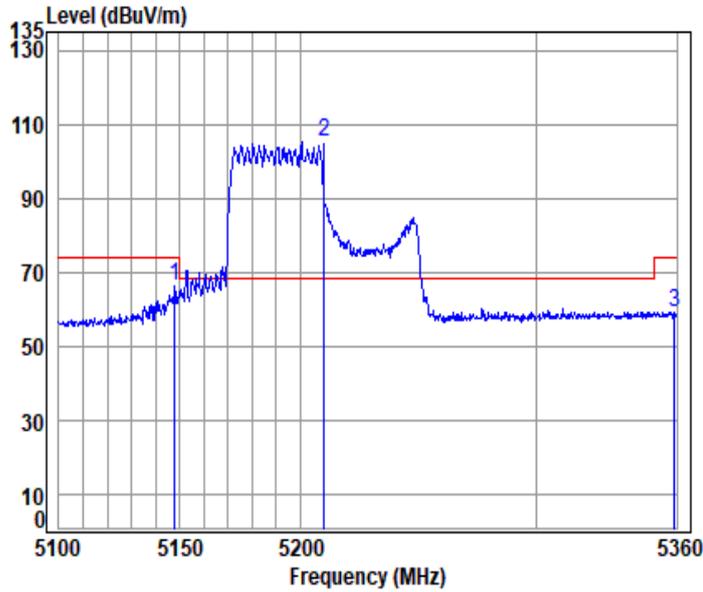
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5210 Band edge
 : 5G Wi-Fi 11ax80 RU484

	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 pp 5147.643	10.13	32.40	30.84	37.86	49.55	54.00	-4.45	Average
2 5210.000	10.32	32.52	30.82	84.23	96.25	-----	-----	Average
3 5351.212	10.45	32.80	30.76	34.23	46.72	54.00	-7.28	Average



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11ax_80M_Partial_RU484_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80 RU484

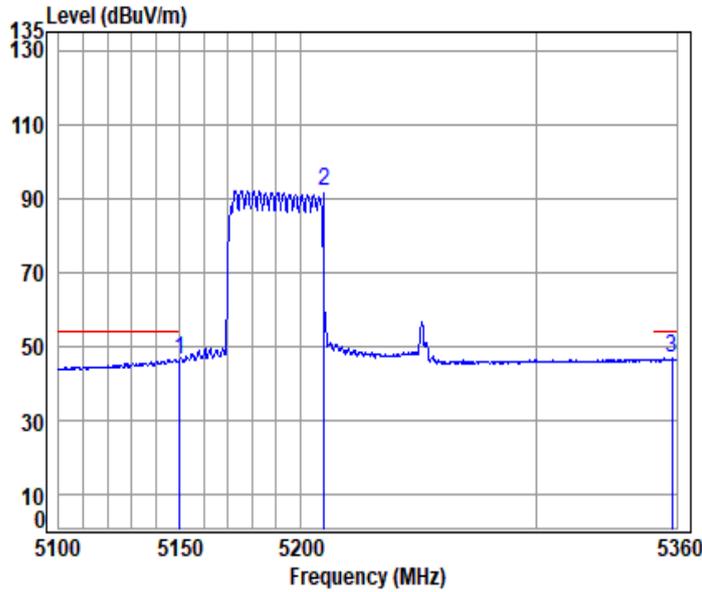
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.643	10.13	32.40	30.84	54.77	66.46	74.00	-7.54 peak
2	pp 5210.000	10.32	32.52	30.82	92.96	104.98	68.20	36.78 peak
3	5359.201	10.48	32.80	30.76	46.74	59.26	74.00	-14.74 peak



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11ax_80M_Partial_RU484_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5210 Band edge

: 5G Wi-Fi 11ax80 RU484

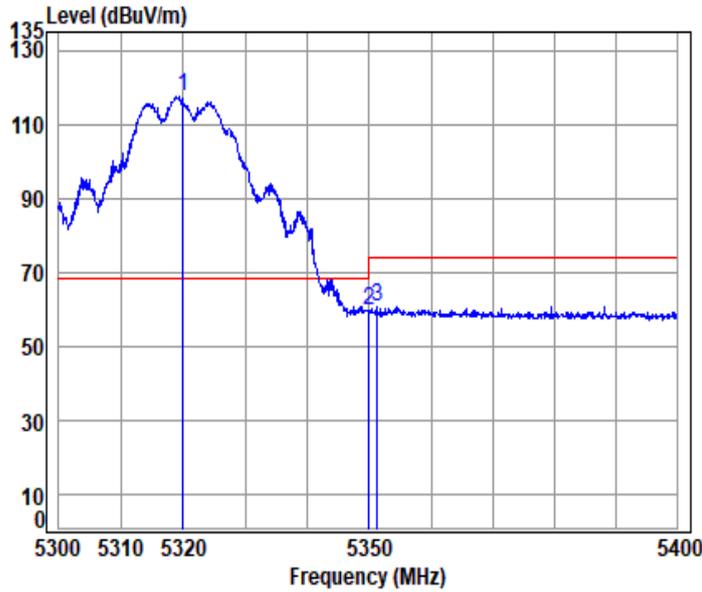
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5149.947	10.14	32.40	30.84	34.65	46.35	54.00	-7.65	Average
2	5210.000	10.32	32.52	30.82	79.98	92.00	-----	-----	Average
3 pp	5357.868	10.48	32.80	30.76	34.06	46.58	54.00	-7.42	Average



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11a_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

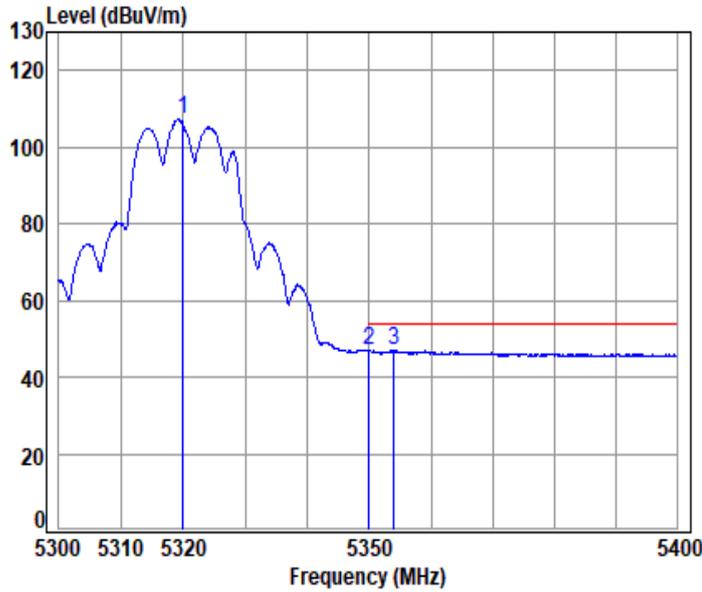
Mode : 5320 Band edge

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5320.000	10.35	32.74	30.77	105.25	117.57	68.20	49.37	peak	
2 5350.020	10.45	32.80	30.76	47.27	59.76	74.00	-14.24	peak	
3 5351.367	10.45	32.80	30.76	48.01	60.50	74.00	-13.50	peak	



11a_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11a

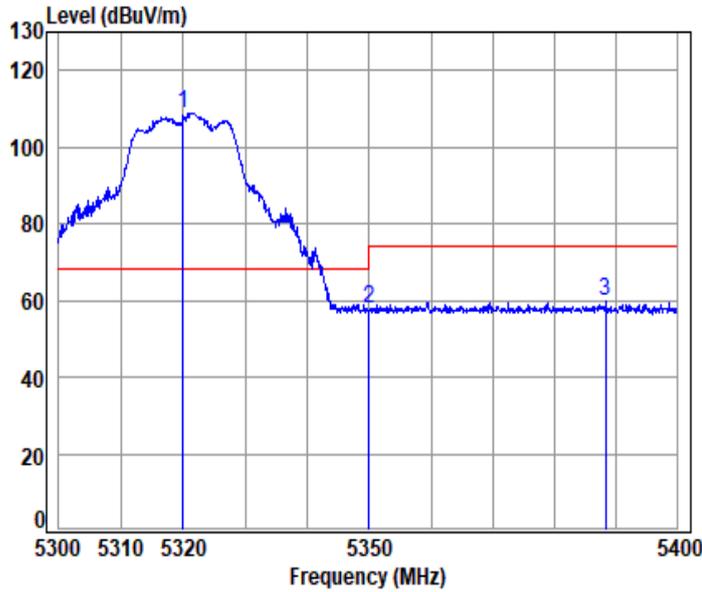
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	94.82	107.14	-----	----- Average
2	pp 5350.020	10.45	32.80	30.76	34.53	47.02	54.00	-6.98 Average
3	5353.968	10.46	32.80	30.76	34.30	46.80	54.00	-7.20 Average



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11a_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5320 Band edge
 : 5G Wi-Fi 11a

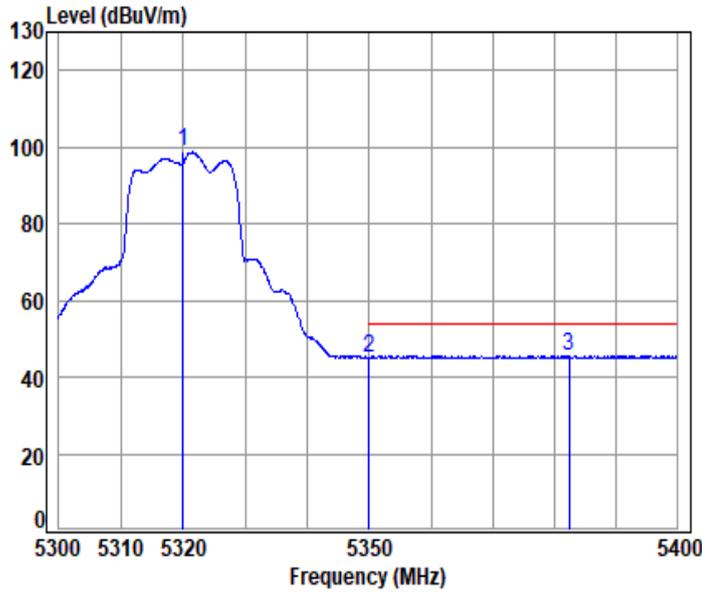
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5320.000	10.35	32.74	30.77	96.56	108.88	68.20	40.68	peak
2 5350.020	10.45	32.80	30.76	45.22	57.71	74.00	-16.29	peak
3 5388.405	10.58	32.80	30.74	46.95	59.59	74.00	-14.41	peak



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11a_TX_CH_64_Vertical-Avg



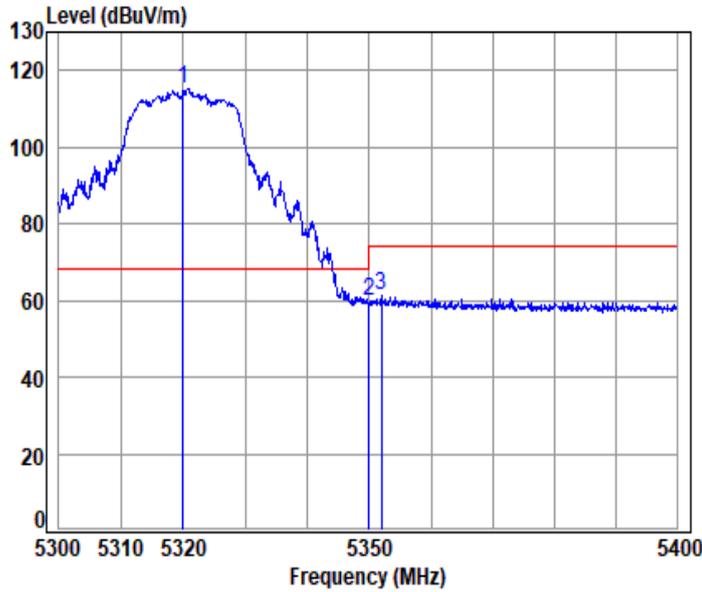
Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5320 Band edge
 : 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	86.35	98.67	-----	----- Average
2	5350.020	10.45	32.80	30.76	32.73	45.22	54.00	-8.78 Average
3	pp 5382.465	10.56	32.80	30.75	32.92	45.53	54.00	-8.47 Average



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11ac_VHT(20M)_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ac20

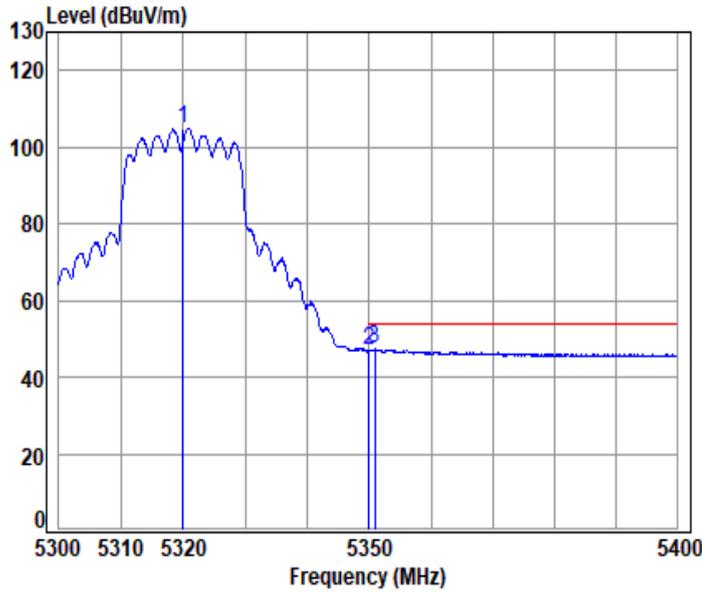
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5320.000	10.35	32.74	30.77	103.02	115.34	68.20	47.14	peak
2 5350.020	10.45	32.80	30.76	47.09	59.58	74.00	-14.42	peak
3 5351.967	10.46	32.80	30.76	48.91	61.41	74.00	-12.59	peak



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11ac_VHT(20M)_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ac20

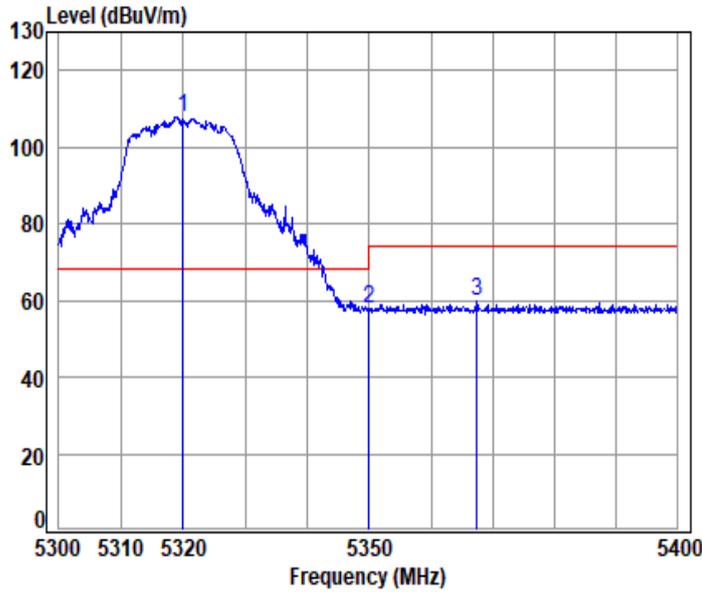
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	92.58	104.90	-----	----- Average
2	5350.020	10.45	32.80	30.76	34.45	46.94	54.00	-7.06 Average
3 pp	5350.866	10.45	32.80	30.76	34.72	47.21	54.00	-6.79 Average



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11ac_VHT(20M)_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ac20

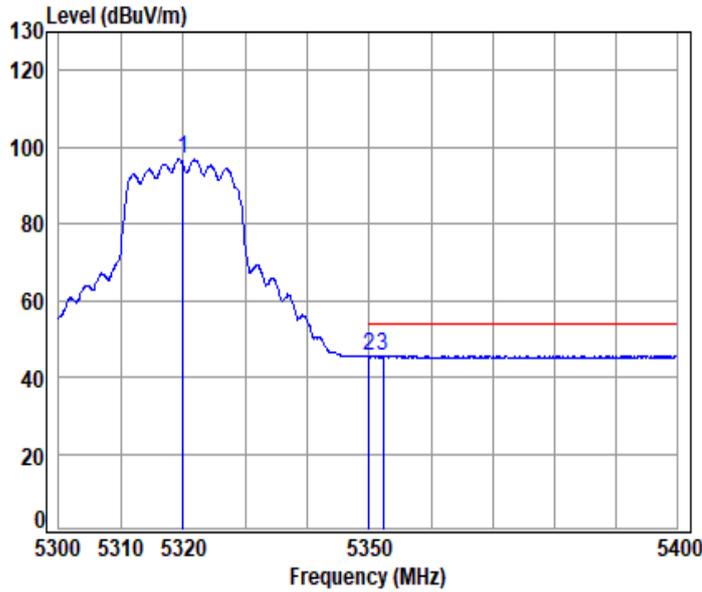
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5320.000	10.35	32.74	30.77	95.63	107.95	68.20	39.75	peak
2 5350.020	10.45	32.80	30.76	45.52	58.01	74.00	-15.99	peak
3 5367.496	10.51	32.80	30.75	47.45	60.01	74.00	-13.99	peak



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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

11ac_VHT(20M)_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ac20

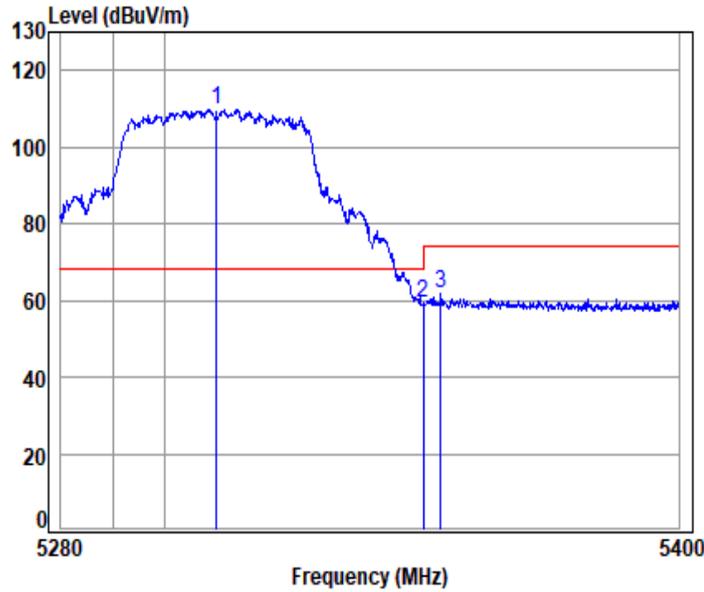
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	84.55	96.87	-----	----- Average
2	5350.020	10.45	32.80	30.76	32.86	45.35	54.00	-8.65 Average
3 pp	5352.267	10.46	32.80	30.76	33.08	45.58	54.00	-8.42 Average



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11ac_VHT(40M)_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

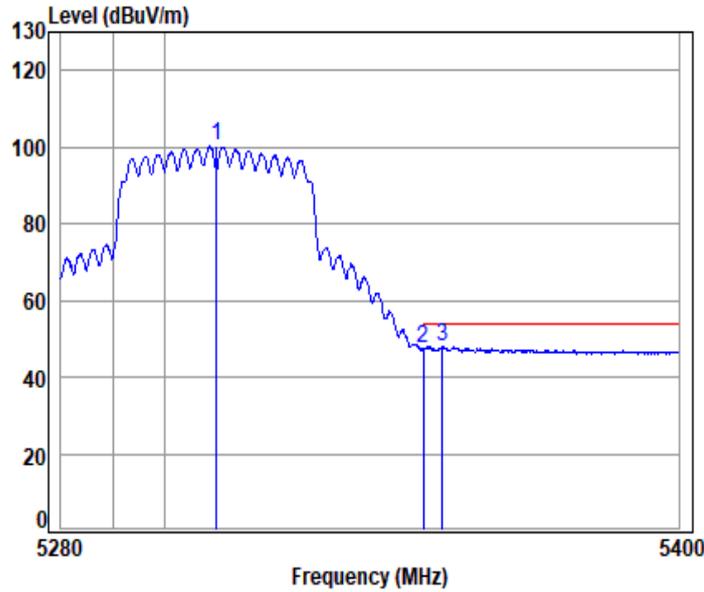
Mode : 5310 Band edge

: 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5310.000	10.31	32.72	30.78	97.52	109.77	68.20	41.57	peak
2 5350.020	10.45	32.80	30.76	46.82	59.31	74.00	-14.69	peak
3 5353.480	10.46	32.80	30.76	49.11	61.61	74.00	-12.39	peak



11ac_VHT(40M)_TX_CH_62_Horizontal-Avg



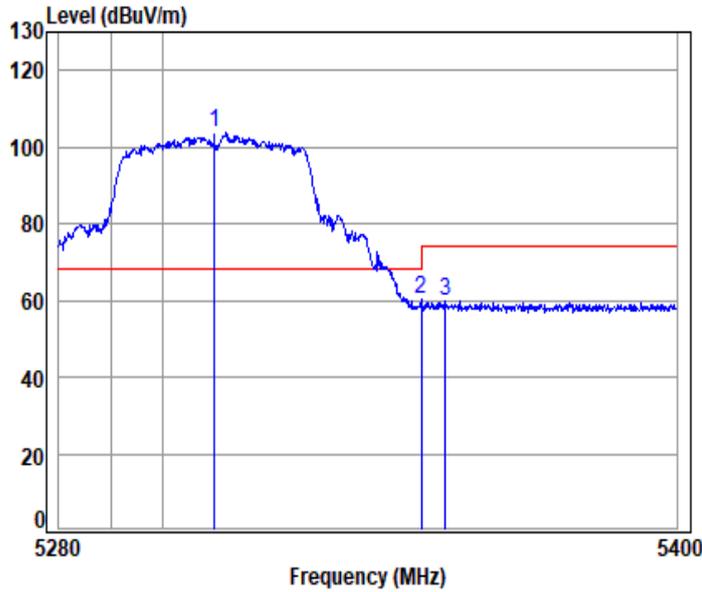
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5310 Band edge
 : 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	87.86	100.11	-----	----- Average
2	5350.020	10.45	32.80	30.76	34.77	47.26	54.00	-6.74 Average
3	pp 5353.841	10.46	32.80	30.76	35.58	48.08	54.00	-5.92 Average



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11ac_VHT(40M)_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ac40

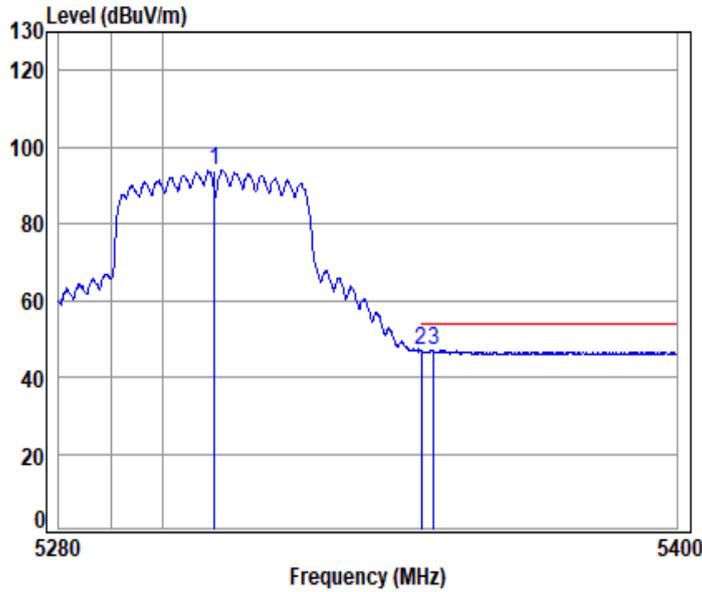
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5310.000	10.31	32.72	30.78	91.37	103.62	68.20	35.42	peak
2 5350.020	10.45	32.80	30.76	47.70	60.19	74.00	-13.81	peak
3 5354.804	10.47	32.80	30.76	47.35	59.86	74.00	-14.14	peak



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11ac_VHT(40M)_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ac40

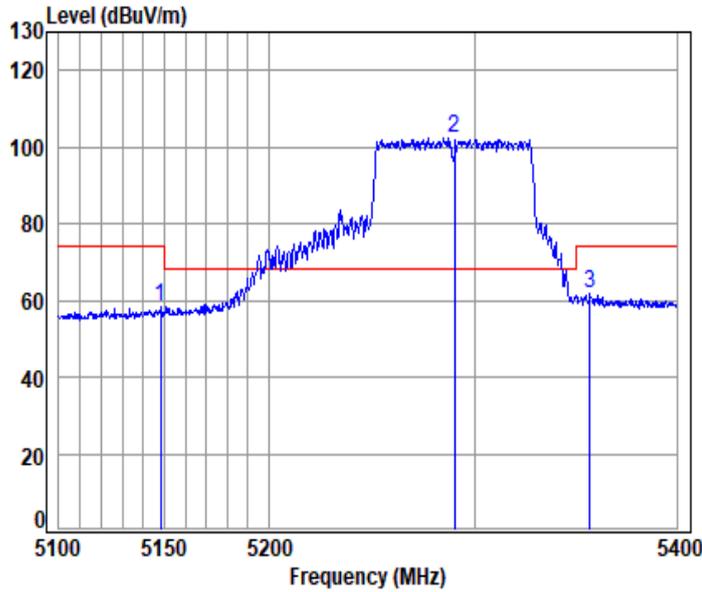
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	81.91	94.16	-----	----- Average
2	5350.020	10.45	32.80	30.76	34.36	46.85	54.00	-7.15 Average
3 pp	5352.518	10.46	32.80	30.76	34.63	47.13	54.00	-6.87 Average



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11ac_VHT(80M)_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

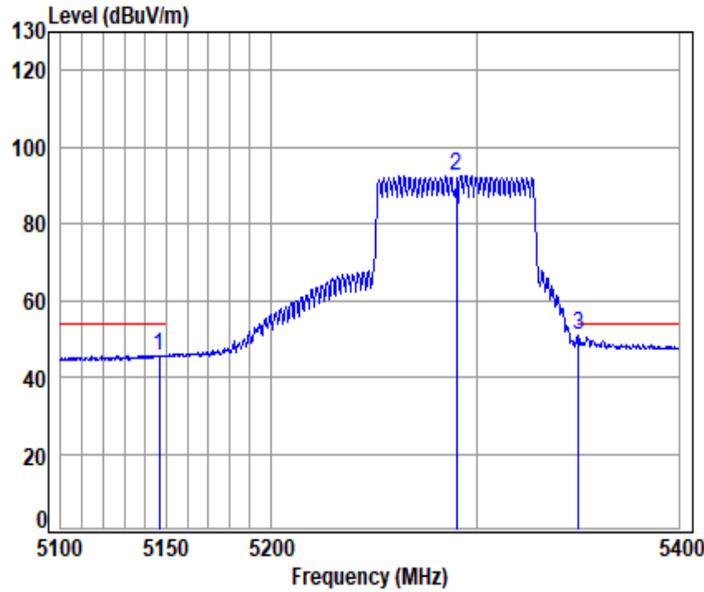
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.326	10.13	32.40	30.84	46.58	58.27	74.00	-15.73 peak
2	5290.000	10.28	32.68	30.78	90.03	102.21	68.20	34.01 peak
3	5356.960	10.47	32.80	30.76	49.36	61.87	74.00	-12.13 peak



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11ac_VHT(80M)_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

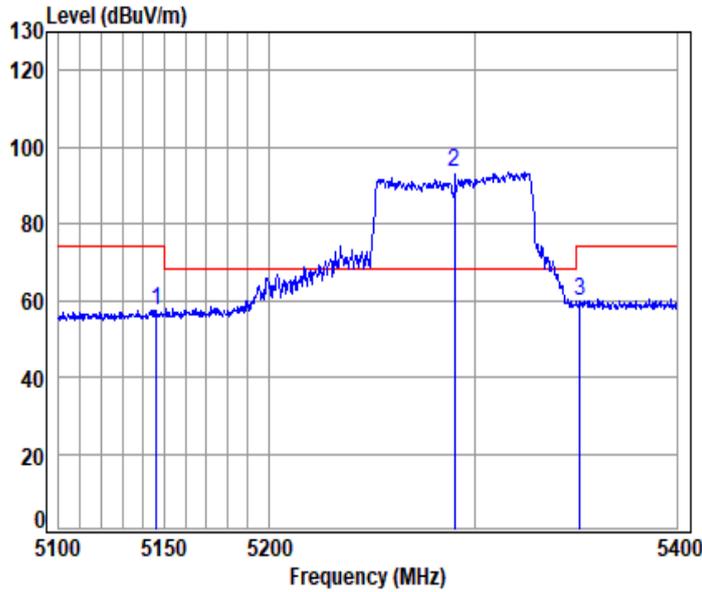
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5146.855	10.13	32.39	30.84	34.01	45.69	54.00	-8.31	Average
2	5290.000	10.28	32.68	30.78	80.39	92.57	-----	-----	Average
3 pp	5350.229	10.45	32.80	30.76	38.38	50.87	54.00	-3.13	Average



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11ac_VHT(80M)_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

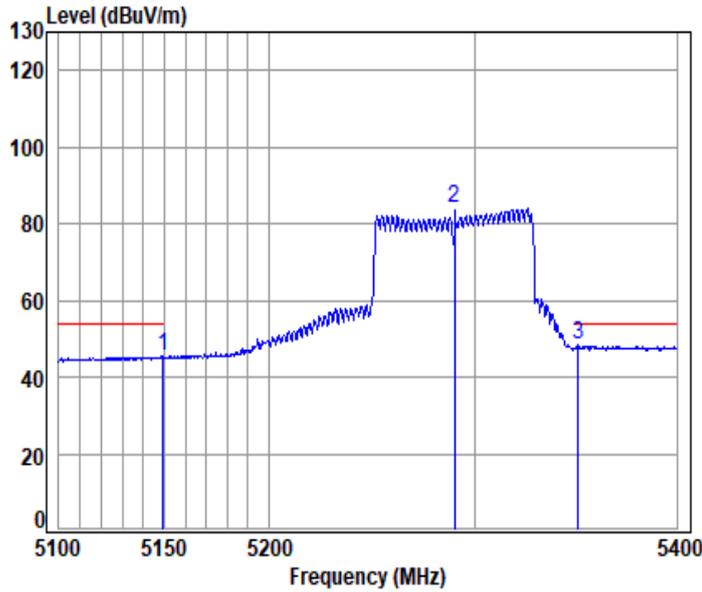
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5146.267	10.13	32.39	30.84	45.85	57.53	74.00	-16.47	peak
2	pp 5290.000	10.28	32.68	30.78	81.04	93.22	68.20	25.02	peak
3	5351.758	10.46	32.80	30.76	47.32	59.82	74.00	-14.18	peak



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11ac_VHT(80M)_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

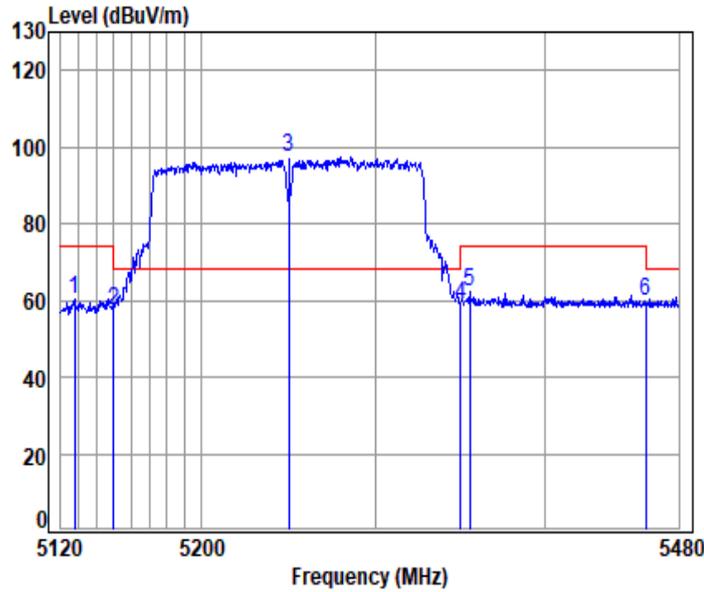
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5149.503	10.14	32.40	30.84	33.74	45.44	54.00	-8.56	Average
2	5290.000	10.28	32.68	30.78	71.79	83.97	-----	-----	Average
3 pp	5350.840	10.45	32.80	30.76	35.71	48.20	54.00	-5.80	Average



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11ac_VHT(160M)_TX_CH_50_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5250 Band edge

: 5G Wi-Fi 11ac160

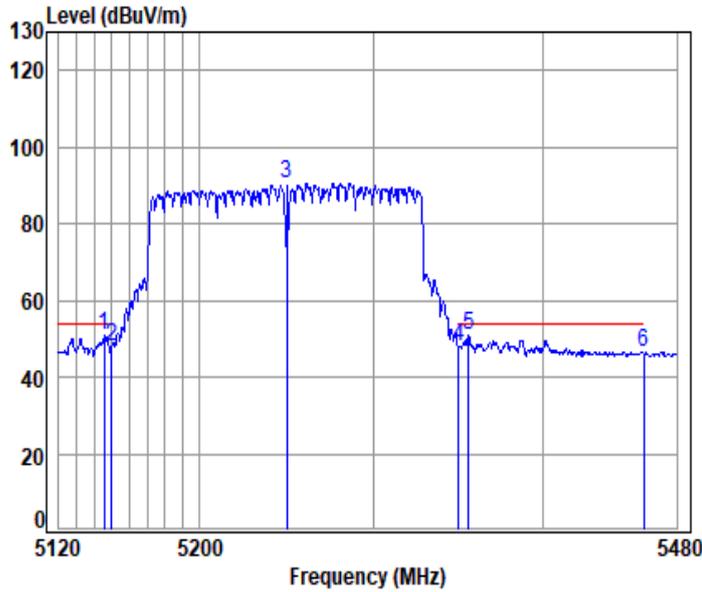
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5127.660	10.06	32.36	30.85	48.96	60.53	74.00	-13.47 peak
2	5149.980	10.14	32.40	30.84	45.47	57.17	74.00	-16.83 peak
3	5250.000	10.31	32.60	30.80	85.31	97.42	68.20	29.22 peak
4	5350.200	10.45	32.80	30.76	46.55	59.04	74.00	-14.96 peak
5	5355.573	10.47	32.80	30.76	49.54	62.05	74.00	-11.95 peak
6	5459.980	10.60	32.90	30.72	46.80	59.58	74.00	-14.42 peak



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11ac_VHT(160M)_TX_CH_50_Horizontal-Avg

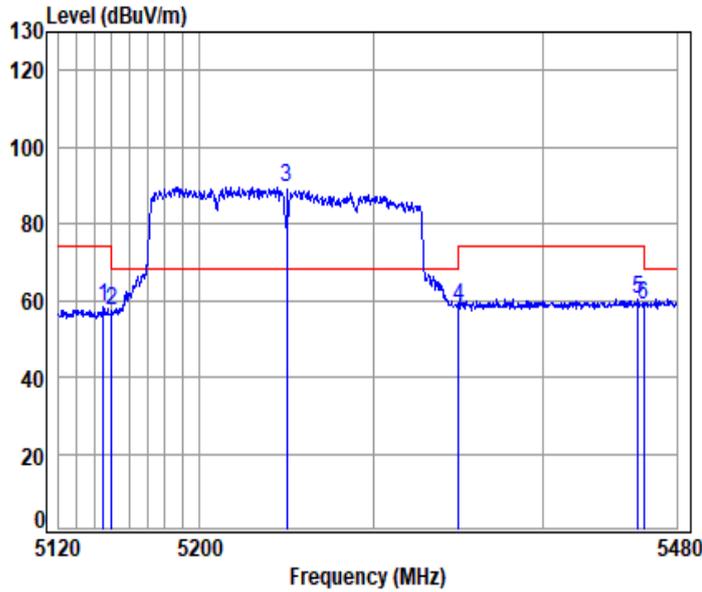


Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5250 Band edge
 : 5G Wi-Fi 11ac160

	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5145.810	10.12	32.39	30.84	39.00	50.67	54.00	-3.33	Average
2	5150.000	10.14	32.40	30.84	36.18	47.88	54.00	-6.12	Average
3	5250.000	10.31	32.60	30.80	78.52	90.63	-----	-----	Average
4	5350.000	10.45	32.80	30.76	35.40	47.89	54.00	-6.11	Average
5	pp 5355.938	10.47	32.80	30.76	38.21	50.72	54.00	-3.28	Average
6	5460.000	10.60	32.90	30.72	33.45	46.23	54.00	-7.77	Average



11ac_VHT(160M)_TX_CH_50_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5250 Band edge

: 5G Wi-Fi 11ac160

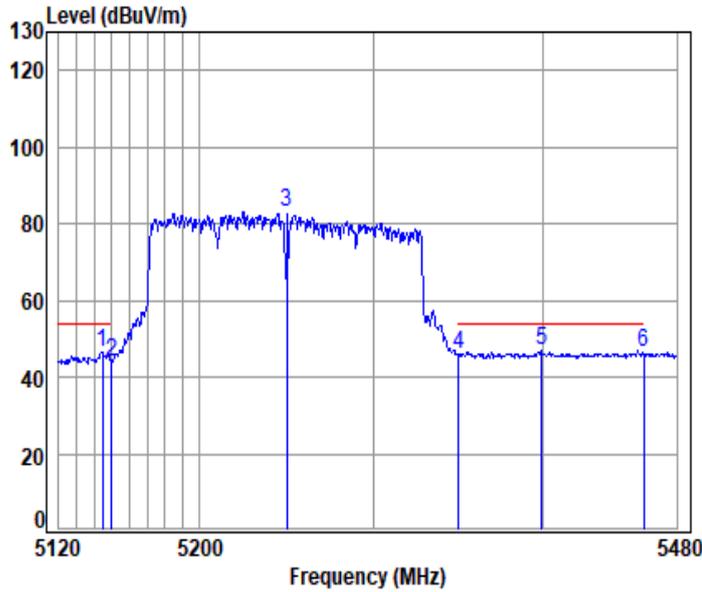
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5145.111	10.12	32.39	30.84	46.47	58.14	74.00	-15.86	peak
2	5149.980	10.14	32.40	30.84	45.88	57.58	74.00	-16.42	peak
3	5250.000	10.31	32.60	30.80	77.55	89.66	68.20	21.46	peak
4	5350.200	10.45	32.80	30.76	45.97	58.46	74.00	-15.54	peak
5	5456.591	10.60	32.90	30.72	47.48	60.26	74.00	-13.74	peak
6	5459.980	10.60	32.90	30.72	46.28	59.06	74.00	-14.94	peak



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11ac_VHT(160M)_TX_CH_50_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5250 Band edge

: 5G Wi-Fi 11ac160

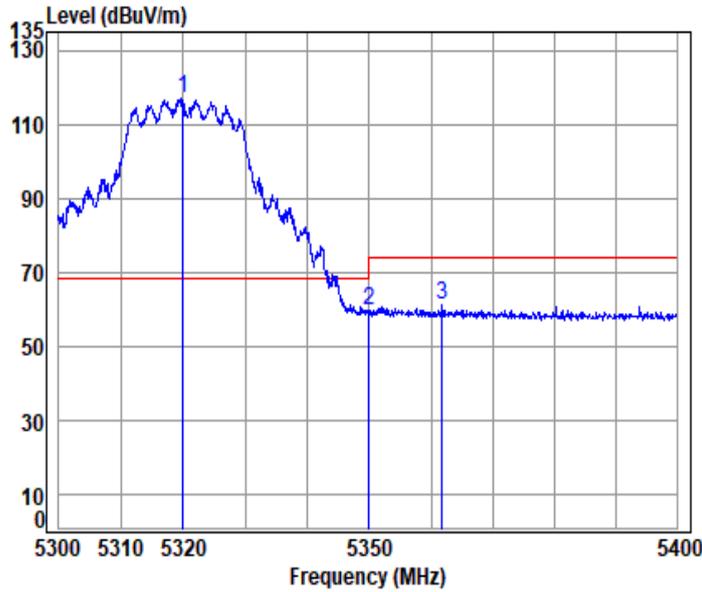
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5144.761	10.12	32.39	30.84	34.78	46.45	54.00	-7.55	Average
2	5150.000	10.14	32.40	30.84	32.42	44.12	54.00	-9.88	Average
3	5250.000	10.31	32.60	30.80	70.88	82.99	-----	-----	Average
4	5350.000	10.45	32.80	30.76	33.69	46.18	54.00	-7.82	Average
5	pp 5399.055	10.62	32.80	30.74	34.17	46.85	54.00	-7.15	Average
6	5460.000	10.60	32.90	30.72	33.63	46.41	54.00	-7.59	Average



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11ax_20M_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5320 Band edge
 : 5G Wi-Fi 11ax20

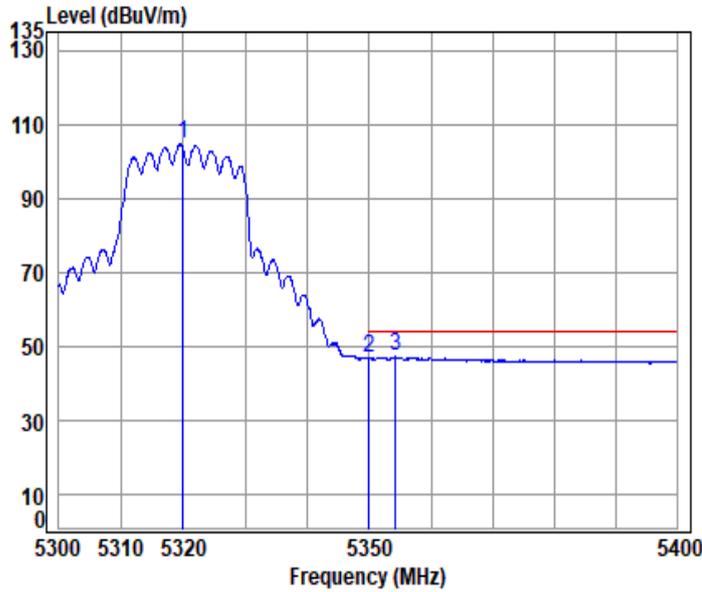
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5320.000	10.35	32.74	30.77	104.73	117.05	68.20	48.85	peak
2 5350.020	10.45	32.80	30.76	47.00	59.49	74.00	-14.51	peak
3 5361.780	10.49	32.80	30.76	48.39	60.92	74.00	-13.08	peak



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11ax_20M_TX_CH_64_Horizontal-Avg



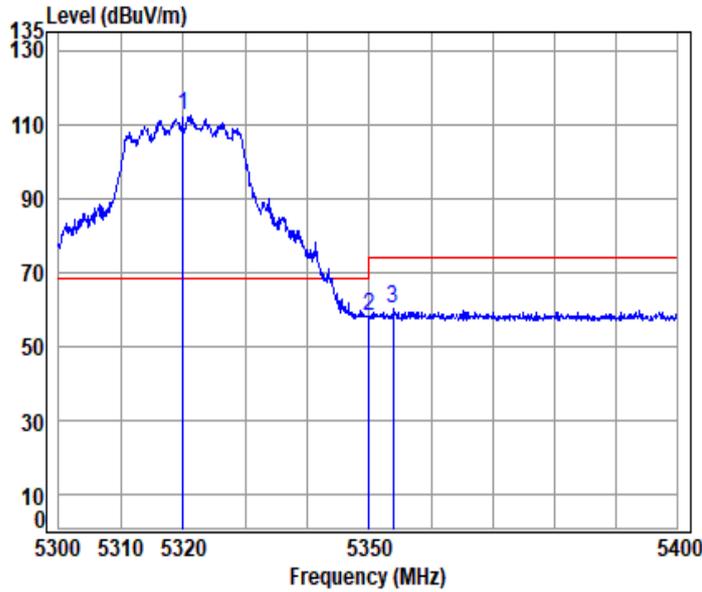
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5320 Band edge
 : 5G Wi-Fi 11ax20

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	92.31	104.63	-----	----- Average
2	5350.020	10.45	32.80	30.76	34.43	46.92	54.00	-7.08 Average
3 pp	5354.268	10.46	32.80	30.76	34.64	47.14	54.00	-6.86 Average



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11ax_20M_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20

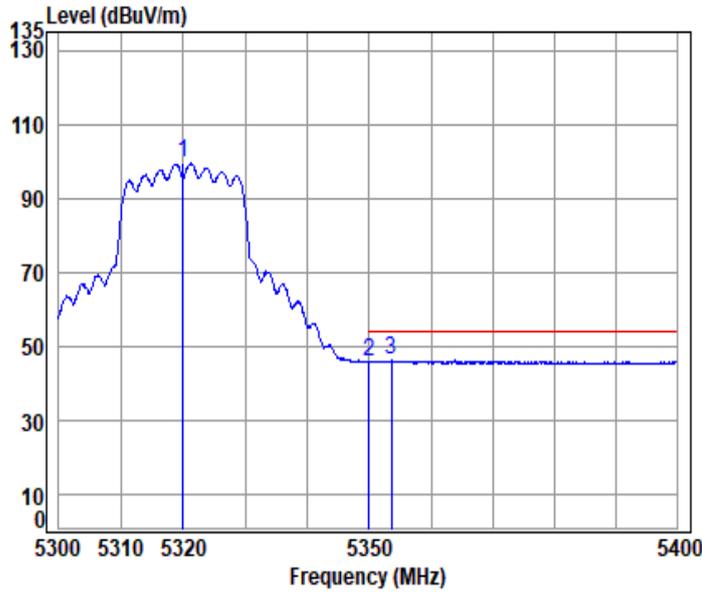
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5320.000	10.35	32.74	30.77	99.98	112.30	68.20	44.10	peak
2 5350.020	10.45	32.80	30.76	45.59	58.08	74.00	-15.92	peak
3 5353.868	10.46	32.80	30.76	47.59	60.09	74.00	-13.91	peak



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11ax_20M_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20

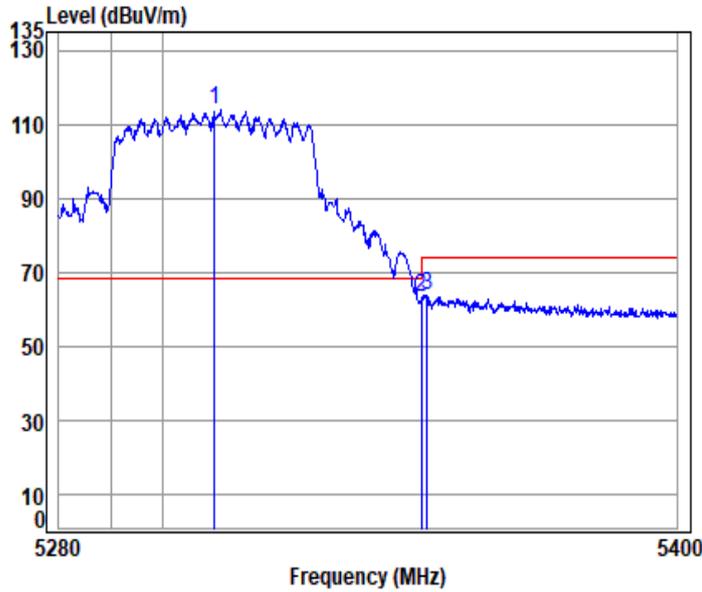
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	87.03	99.35	-----	----- Average
2	5350.020	10.45	32.80	30.76	33.14	45.63	54.00	-8.37 Average
3 pp	5353.568	10.46	32.80	30.76	33.52	46.02	54.00	-7.98 Average



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11ax_40M_TX_CH_62_Horizontal-Peak



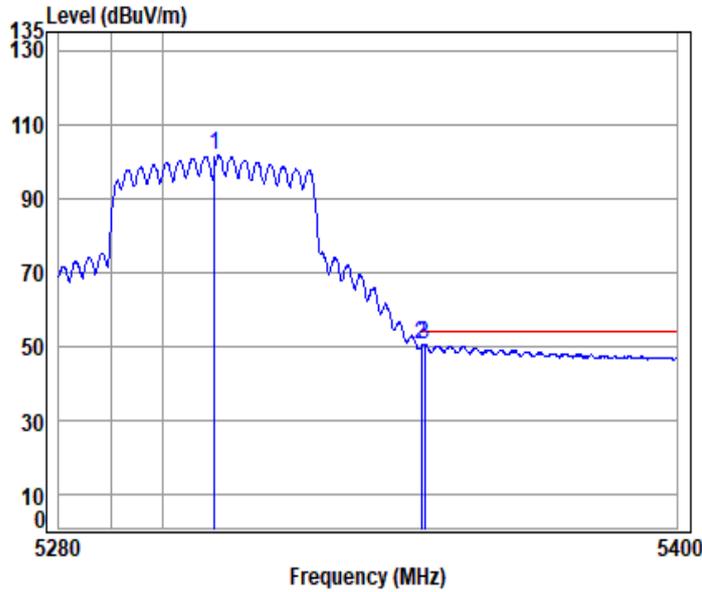
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5310 Band edge
 : 5G Wi-Fi 11ax40

	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 pp 5310.000	10.31	32.72	30.78	101.76	114.01	68.20	45.81	peak
2 5350.020	10.45	32.80	30.76	50.80	63.29	74.00	-10.71	peak
3 5351.195	10.45	32.80	30.76	51.02	63.51	74.00	-10.49	peak



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11ax_40M_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5310 Band edge
 : 5G Wi-Fi 11ax40

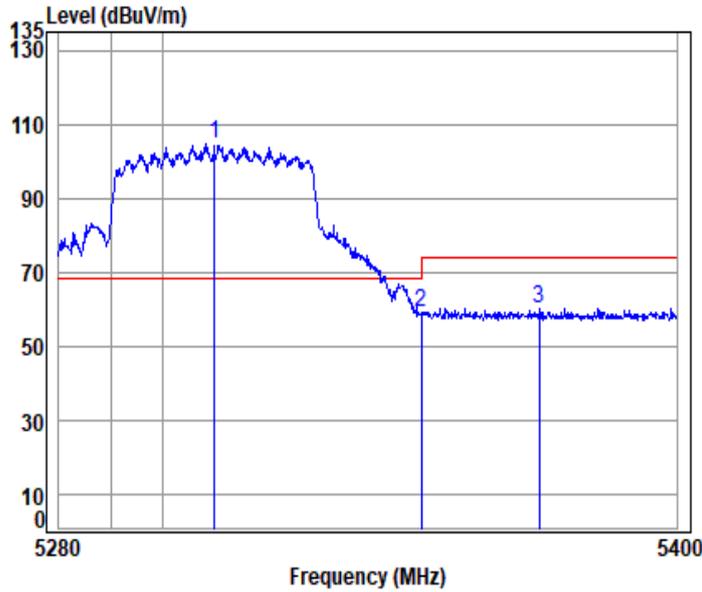
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	89.29	101.54	-----	----- Average
2	5350.020	10.45	32.80	30.76	37.97	50.46	54.00	-3.54 Average
3 pp	5350.714	10.45	32.80	30.76	38.06	50.55	54.00	-3.45 Average



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11ax_40M_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40

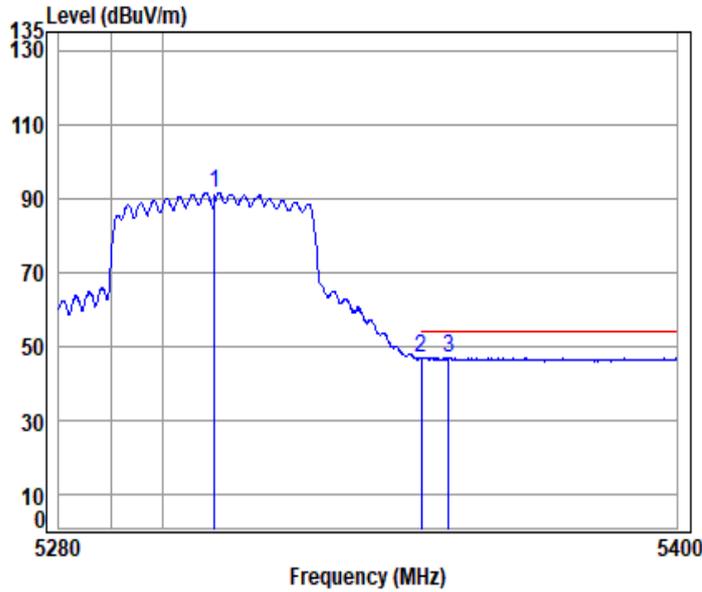
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5310.000	10.31	32.72	30.78	92.22	104.47	68.20	36.27	peak
2 5350.020	10.45	32.80	30.76	46.43	58.92	74.00	-15.08	peak
3 5373.006	10.53	32.80	30.75	47.59	60.17	74.00	-13.83	peak



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11ax_40M_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40

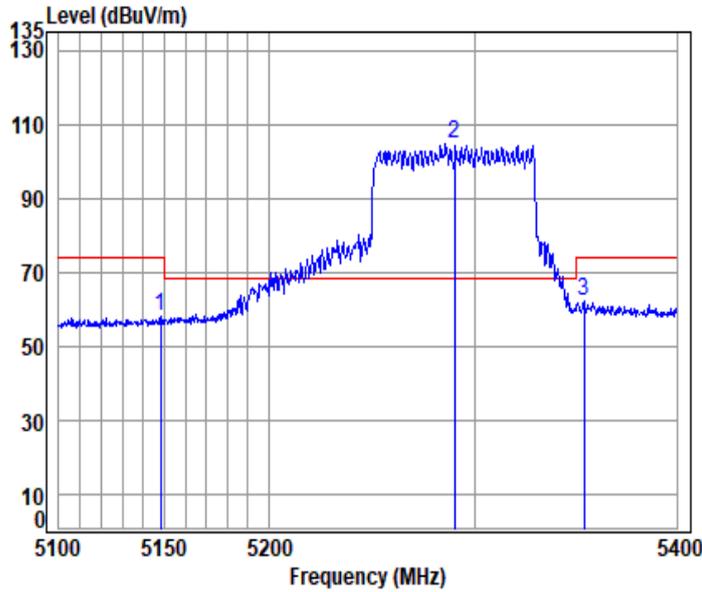
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	79.31	91.56	-----	----- Average
2	pp 5350.020	10.45	32.80	30.76	34.40	46.89	54.00	-7.11 Average
3	5355.406	10.47	32.80	30.76	34.25	46.76	54.00	-7.24 Average



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11ax_80M_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80

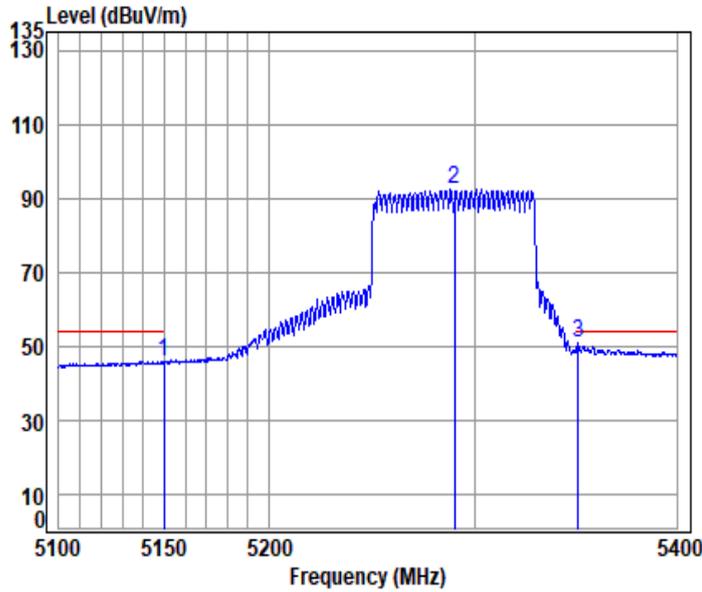
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.326	10.13	32.40	30.84	46.42	58.11	74.00	-15.89 peak
2	5290.000	10.28	32.68	30.78	92.43	104.61	68.20	36.41 peak
3	5353.899	10.46	32.80	30.76	49.51	62.01	74.00	-11.99 peak



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11ax_80M_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80

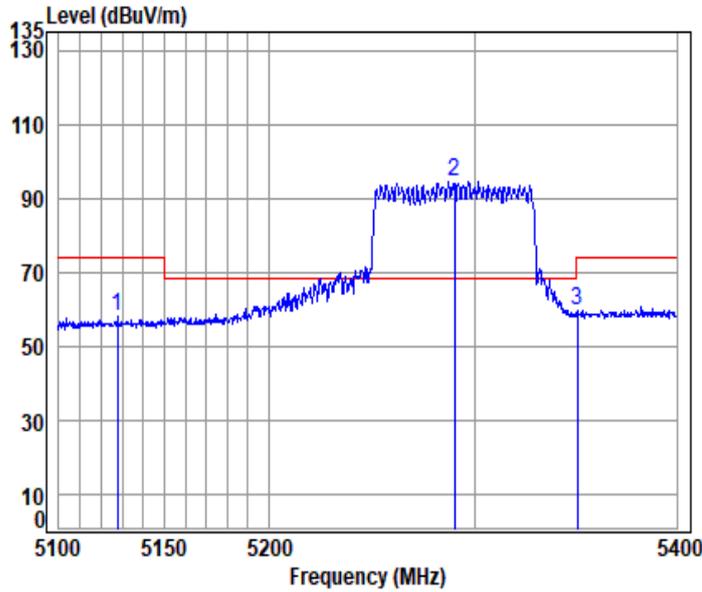
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5149.798	10.14	32.40	30.84	33.96	45.66	54.00	-8.34	Average
2	5290.000	10.28	32.68	30.78	80.44	92.62	-----	-----	Average
3	pp 5350.840	10.45	32.80	30.76	38.12	50.61	54.00	-3.39	Average



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11ax_80M_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80

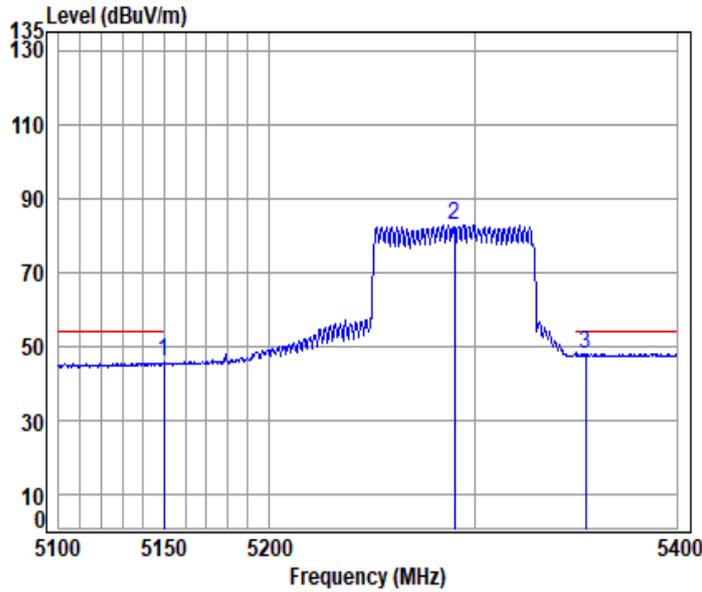
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5127.769	10.06	32.36	30.85	46.34	57.91	74.00	-16.09 peak	
2	5290.000	10.28	32.68	30.78	82.26	94.44	68.20	26.24 peak	
3	5350.535	10.45	32.80	30.76	47.05	59.54	74.00	-14.46 peak	



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11ax_80M_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80

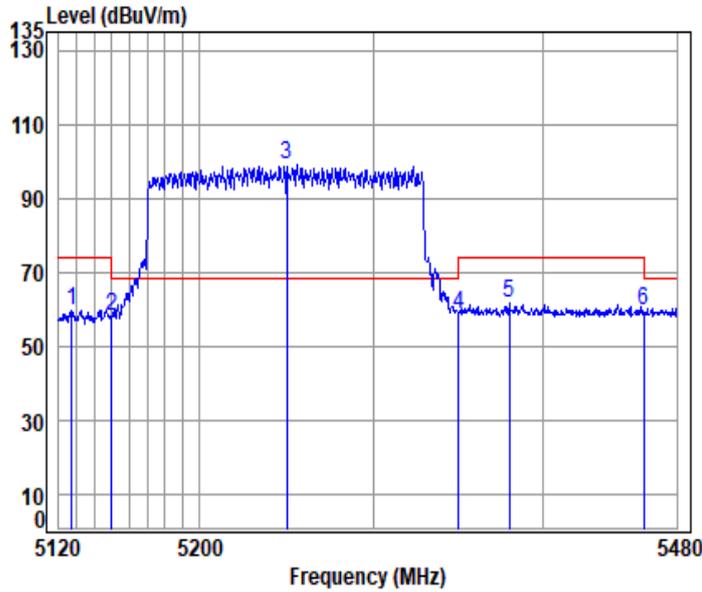
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5149.798	10.14	32.40	30.84	33.74	45.44	54.00	-8.56	Average
2	5290.000	10.28	32.68	30.78	70.53	82.71	-----	-----	Average
3 pp	5354.818	10.47	32.80	30.76	35.34	47.85	54.00	-6.15	Average



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11ax_160M_TX_CH_50_Horizontal-Peak



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5250 Band edge
 : 5G Wi-Fi 11ax160

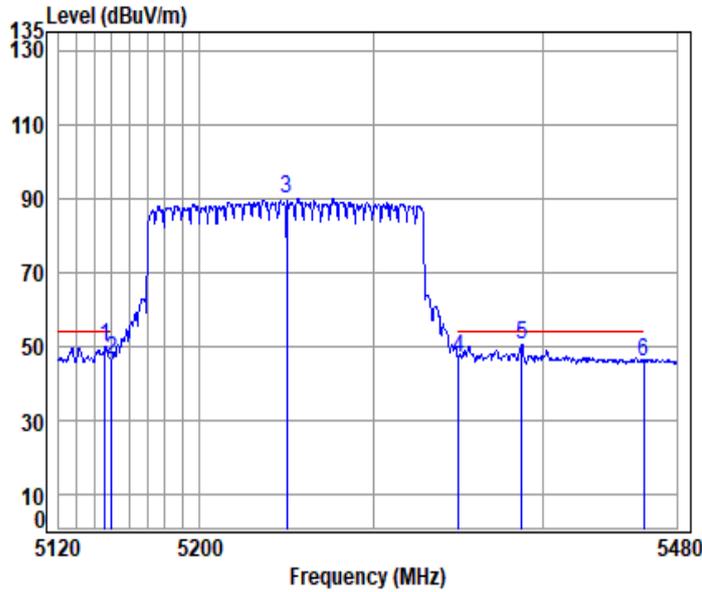
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5127.311	10.05	32.35	30.85	48.14	59.69	74.00	-14.31 peak
2	5149.980	10.14	32.40	30.84	46.08	57.78	74.00	-16.22 peak
3	5250.000	10.31	32.60	30.80	86.71	98.82	68.20	30.62 peak
4	5350.200	10.45	32.80	30.76	45.96	58.45	74.00	-15.55 peak
5	5380.011	10.55	32.80	30.75	48.92	61.52	74.00	-12.48 peak
6	5459.980	10.60	32.90	30.72	46.89	59.67	74.00	-14.33 peak



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11ax_160M_TX_CH_50_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5250 Band edge

: 5G Wi-Fi 11ax160

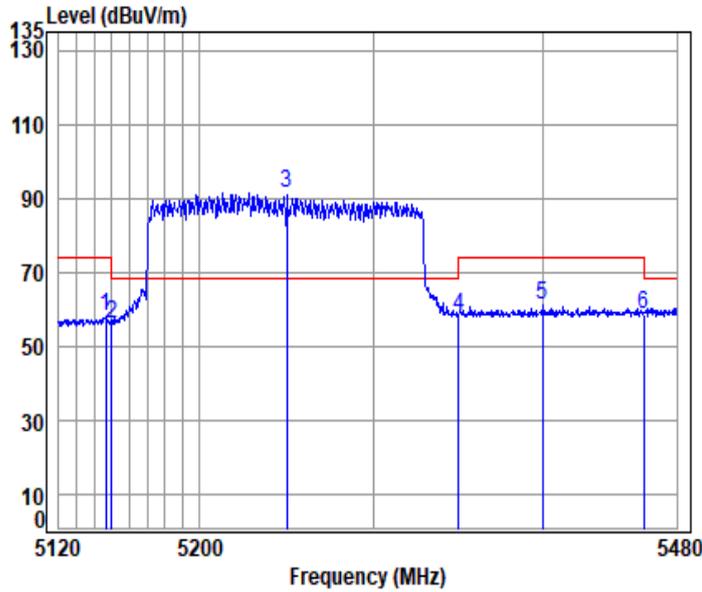
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5146.160	10.13	32.39	30.84	38.37	50.05	54.00	-3.95	Average
2	5150.000	10.14	32.40	30.84	34.61	46.31	54.00	-7.69	Average
3	5250.000	10.31	32.60	30.80	77.75	89.86	-----	-----	Average
4	5350.000	10.45	32.80	30.76	34.43	46.92	54.00	-7.08	Average
5	pp 5387.328	10.58	32.80	30.75	37.60	50.23	54.00	-3.77	Average
6	5460.000	10.60	32.90	30.72	32.85	45.63	54.00	-8.37	Average



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11ax_160M_TX_CH_50_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5250 Band edge

: 5G Wi-Fi 11ax160

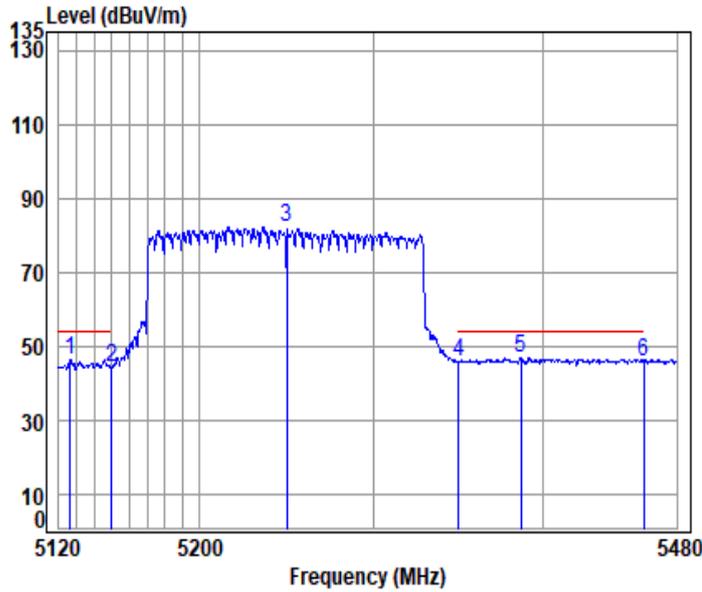
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.509	10.13	32.39	30.84	46.14	57.82	74.00	-16.18 peak
2	5149.980	10.14	32.40	30.84	44.42	56.12	74.00	-17.88 peak
3	5250.000	10.31	32.60	30.80	79.40	91.51	68.20	23.31 peak
4	5350.200	10.45	32.80	30.76	45.56	58.05	74.00	-15.95 peak
5	5399.789	10.62	32.80	30.74	48.29	60.97	74.00	-13.03 peak
6	5459.980	10.60	32.90	30.72	45.82	58.60	74.00	-15.40 peak



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11ax_160M_TX_CH_50_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5250 Band edge

: 5G Wi-Fi 11ax160

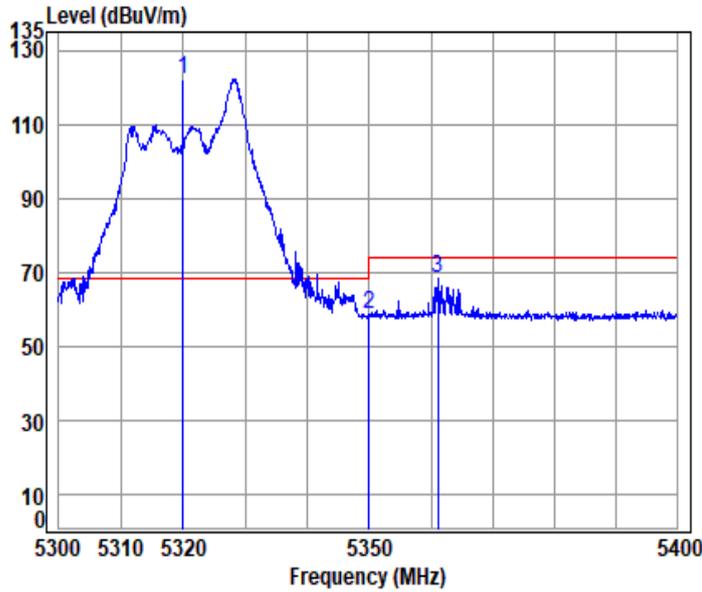
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5126.266	10.05	32.35	30.85	34.81	46.36	54.00	-7.64	Average
2	5150.000	10.14	32.40	30.84	32.30	44.00	54.00	-10.00	Average
3	5250.000	10.31	32.60	30.80	70.04	82.15	-----	-----	Average
4	5350.000	10.45	32.80	30.76	33.28	45.77	54.00	-8.23	Average
5	pp 5386.962	10.58	32.80	30.75	34.15	46.78	54.00	-7.22	Average
6	5460.000	10.60	32.90	30.72	32.73	45.51	54.00	-8.49	Average



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11ax_20M_Partial_RU26_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 RU26

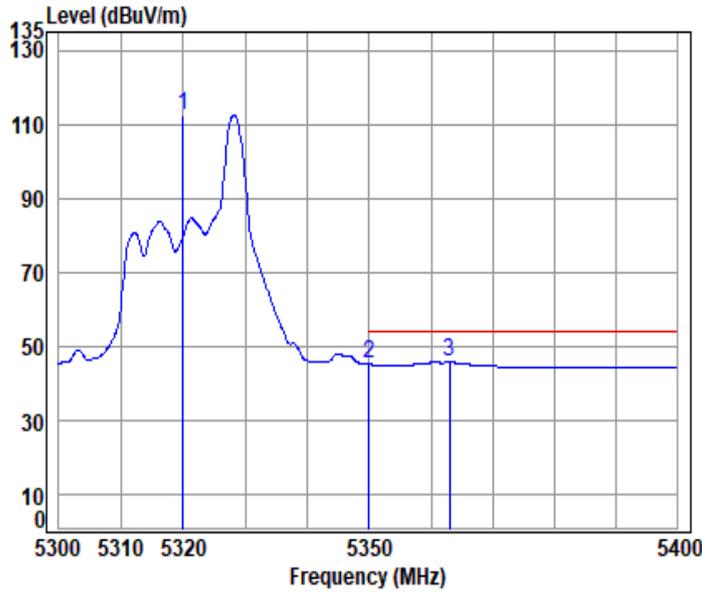
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5320.000	10.35	32.74	30.77	110.03	122.35	68.20	54.15	peak
2 5350.020	10.45	32.80	30.76	46.27	58.76	74.00	-15.24	peak
3 5361.178	10.49	32.80	30.76	55.86	68.39	74.00	-5.61	peak



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11ax_20M_Partial_RU26_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 RU26

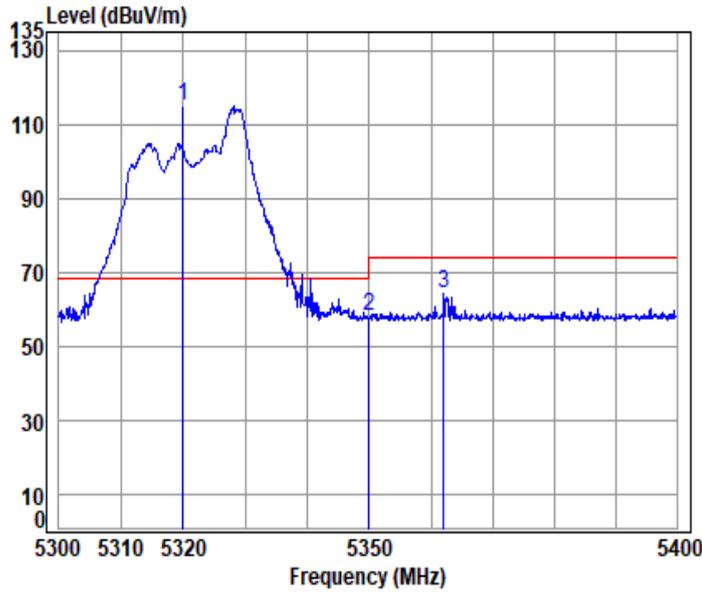
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	100.25	112.57	-----	----- Average
2	5350.020	10.45	32.80	30.76	32.59	45.08	54.00	-8.92 Average
3	pp 5362.982	10.49	32.80	30.75	33.36	45.90	54.00	-8.10 Average



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11ax_20M_Partial_RU26_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 RU26

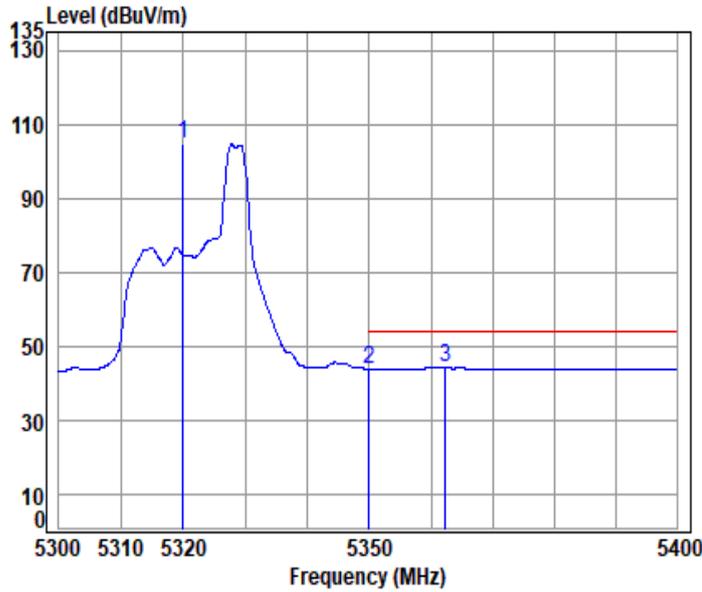
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5320.000	10.35	32.74	30.77	102.55	114.87	68.20	46.67	peak
2 5350.020	10.45	32.80	30.76	45.61	58.10	74.00	-15.90	peak
3 5362.080	10.49	32.80	30.76	51.86	64.39	74.00	-9.61	peak



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11ax_20M_Partial_RU26_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 RU26

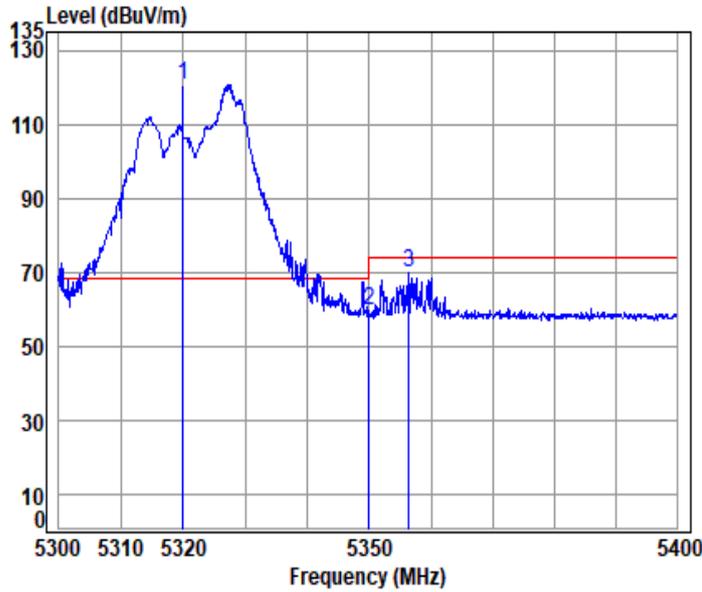
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	92.20	104.52	-----	----- Average
2	5350.020	10.45	32.80	30.76	31.27	43.76	54.00	-10.24 Average
3 pp	5362.381	10.49	32.80	30.76	31.68	44.21	54.00	-9.79 Average



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11ax_20M_Partial_RU52_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 RU52

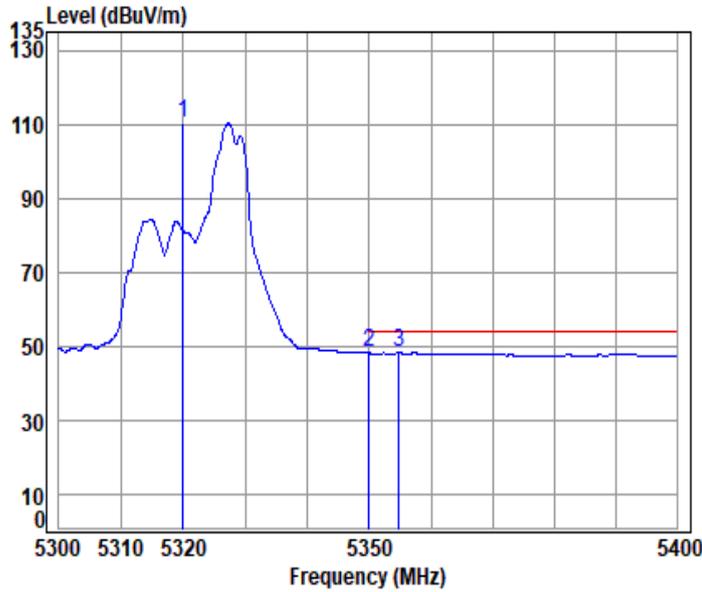
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5320.000	10.35	32.74	30.77	108.46	120.78	68.20	52.58	peak
2 5350.020	10.45	32.80	30.76	46.88	59.37	74.00	-14.63	peak
3 5356.370	10.47	32.80	30.76	57.30	69.81	74.00	-4.19	peak



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11ax_20M_Partial_RU52_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 RU52

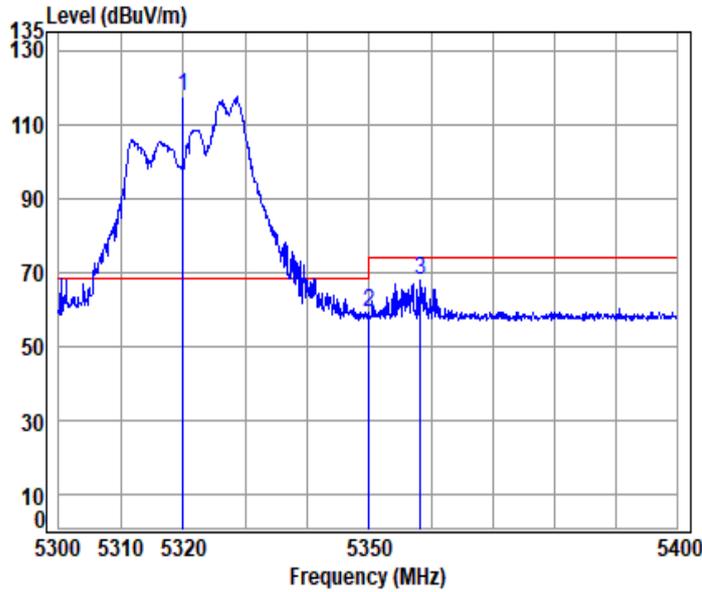
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	97.90	110.22	-----	----- Average
2	5350.020	10.45	32.80	30.76	35.53	48.02	54.00	-5.98 Average
3 pp	5354.769	10.47	32.80	30.76	35.56	48.07	54.00	-5.93 Average



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11ax_20M_Partial_RU52_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 RU52

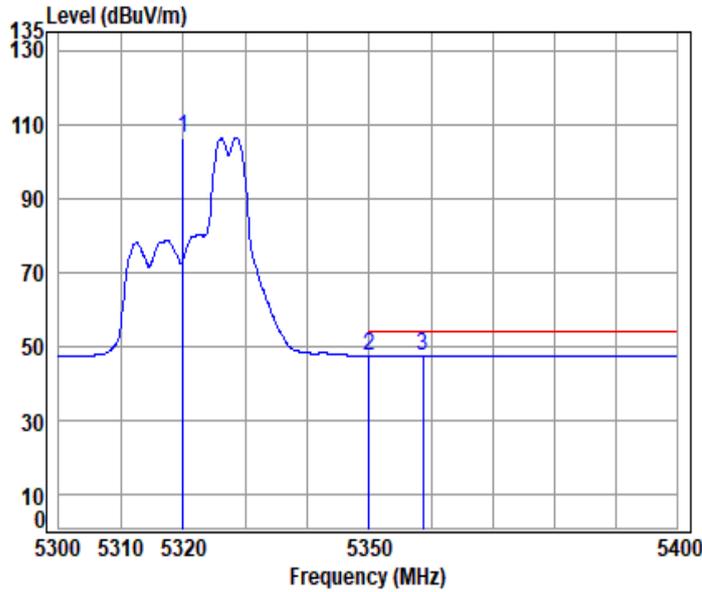
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5320.000	10.35	32.74	30.77	105.16	117.48	68.20	49.28	peak
2 5350.020	10.45	32.80	30.76	46.67	59.16	74.00	-14.84	peak
3 5358.273	10.48	32.80	30.76	55.07	67.59	74.00	-6.41	peak



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11ax_20M_Partial_RU52_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 RU52

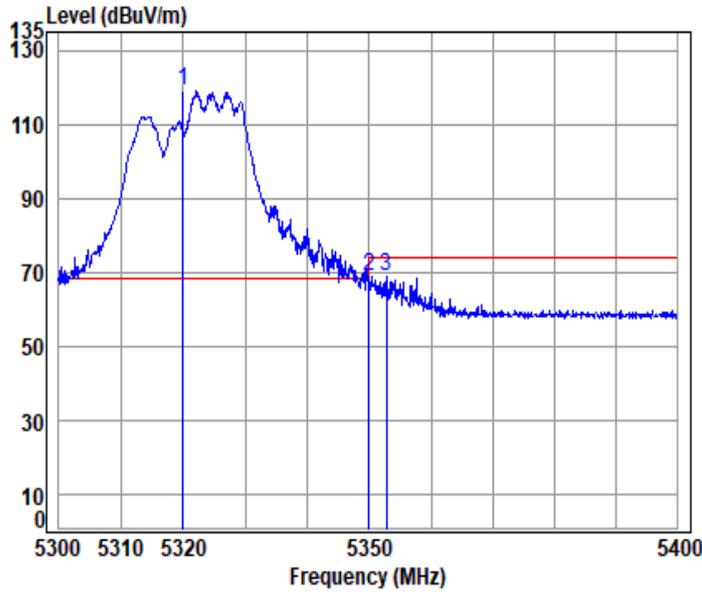
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	94.01	106.33	-----	----- Average
2	5350.020	10.45	32.80	30.76	34.78	47.27	54.00	-6.73 Average
3	pp 5358.674	10.48	32.80	30.76	34.96	47.48	54.00	-6.52 Average



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11ax_20M_Partial_RU106_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 RU106

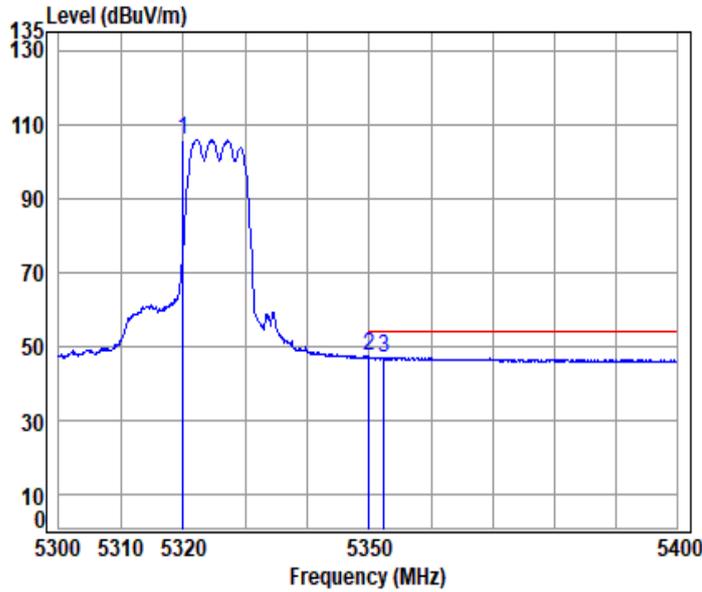
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5320.000	10.35	32.74	30.77	106.78	119.10	68.20	50.90	peak
2 5350.020	10.45	32.80	30.76	56.54	69.03	74.00	-4.97	peak
3 5352.767	10.46	32.80	30.76	56.09	68.59	74.00	-5.41	peak



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11ax_20M_Partial_RU106_TX_CH_64_Horizontal-Avg



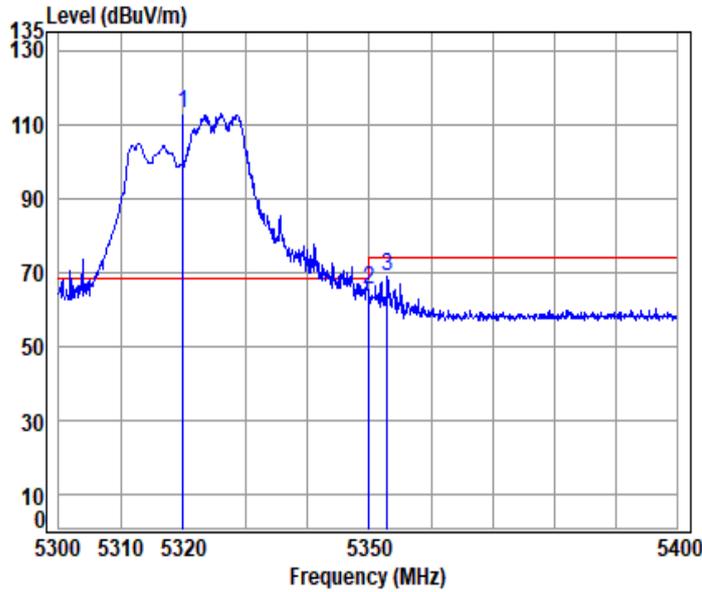
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5320 Band edge
 : 5G Wi-Fi 11ax20 RU106

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	93.57	105.89	-----	----- Average
2	pp 5350.020	10.45	32.80	30.76	34.50	46.99	54.00	-7.01 Average
3	5352.367	10.46	32.80	30.76	34.36	46.86	54.00	-7.14 Average



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11ax_20M_Partial_RU106_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 RU106

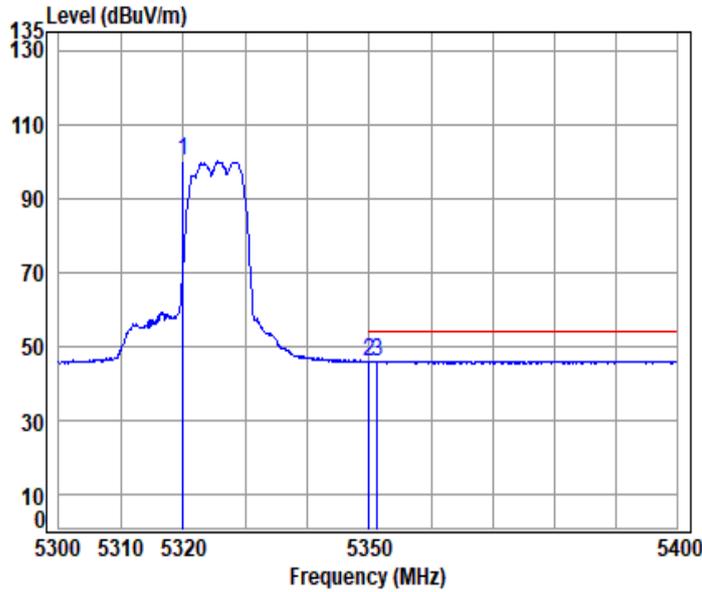
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5320.000	10.35	32.74	30.77	100.40	112.72	68.20	44.52	peak
2 5350.020	10.45	32.80	30.76	52.83	65.32	74.00	-8.68	peak
3 5352.867	10.46	32.80	30.76	56.35	68.85	74.00	-5.15	peak



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11ax_20M_Partial_RU106_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5320 Band edge

: 5G Wi-Fi 11ax20 RU106

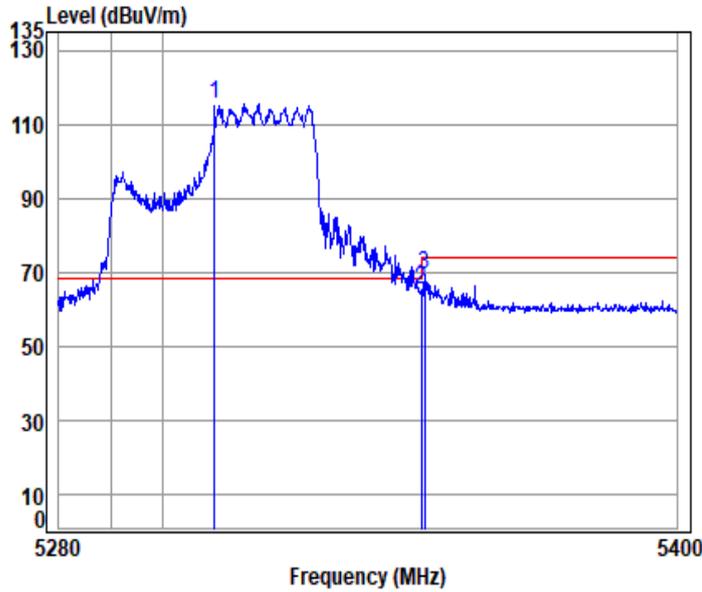
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	87.80	100.12	-----	----- Average
2	5350.020	10.45	32.80	30.76	33.20	45.69	54.00	-8.31 Average
3 pp	5351.267	10.45	32.80	30.76	33.39	45.88	54.00	-8.12 Average



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11ax_40M_Partial_RU242_TX_CH_62_Horizontal-Peak



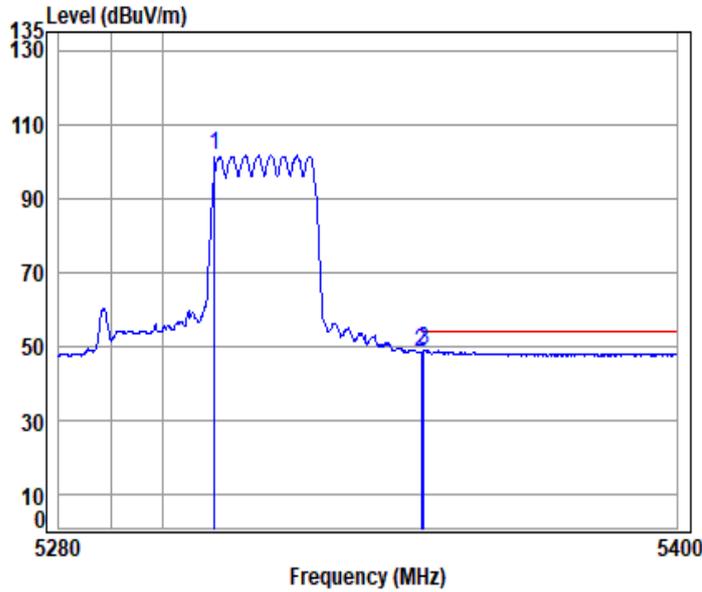
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5310 Band edge
 : 5G Wi-Fi 11ax40 RU242

	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 pp 5310.000	10.31	32.72	30.78	103.14	115.39	68.20	47.19	peak
2 5350.020	10.45	32.80	30.76	52.66	65.15	74.00	-8.85	peak
3 5350.714	10.45	32.80	30.76	56.64	69.13	74.00	-4.87	peak



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11ax_40M_Partial_RU242_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40 RU242

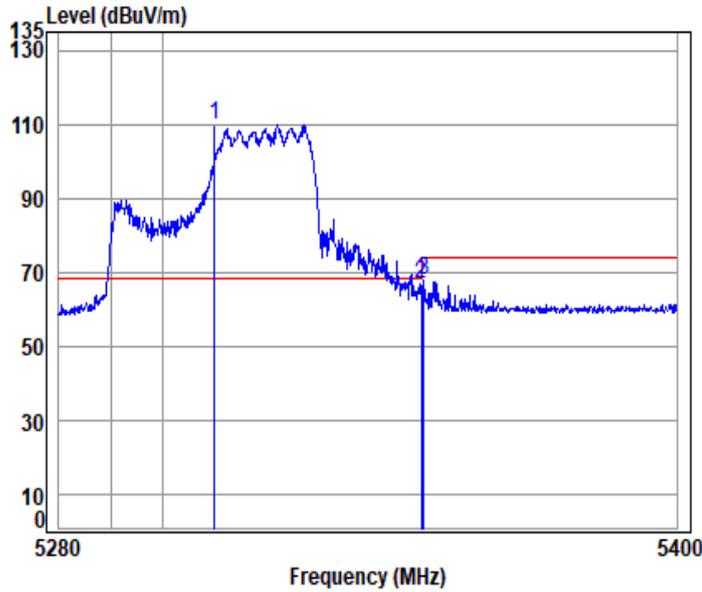
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	89.26	101.51	-----	----- Average
2	5350.020	10.45	32.80	30.76	35.89	48.38	54.00	-5.62 Average
3 pp	5350.594	10.45	32.80	30.76	36.28	48.77	54.00	-5.23 Average



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11ax_40M_Partial_RU242_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40 RU242

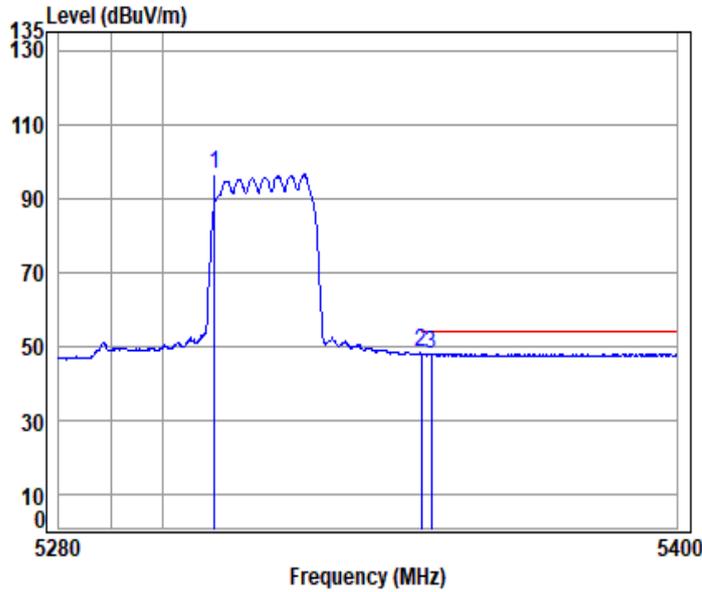
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5310.000	10.31	32.72	30.78	97.47	109.72	68.20	41.52	peak
2 5350.020	10.45	32.80	30.76	54.06	66.55	74.00	-7.45	peak
3 5350.594	10.45	32.80	30.76	55.16	67.65	74.00	-6.35	peak



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11ax_40M_Partial_RU242_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5310 Band edge

: 5G Wi-Fi 11ax40 RU242

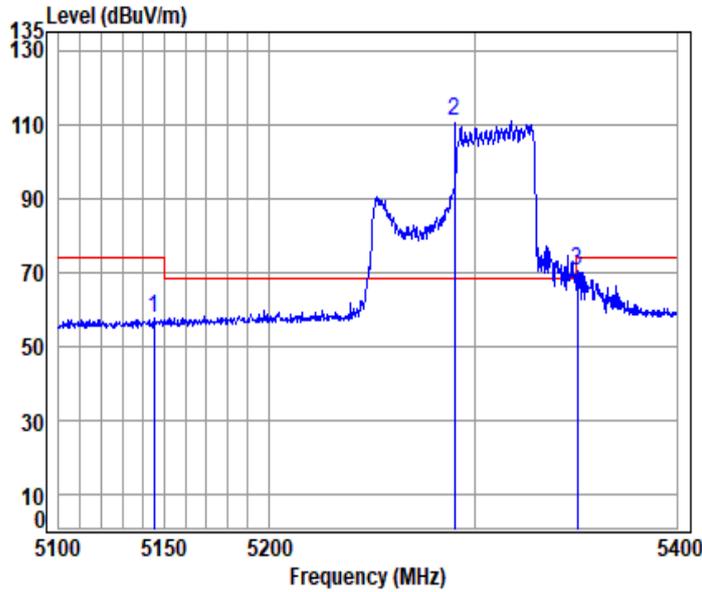
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	84.01	96.26	-----	----- Average
2	pp 5350.020	10.45	32.80	30.76	35.61	48.10	54.00	-5.90 Average
3	5352.037	10.46	32.80	30.76	35.36	47.86	54.00	-6.14 Average



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11ax_80M_Partial_RU484_TX_CH_58_Horizontal-Peak



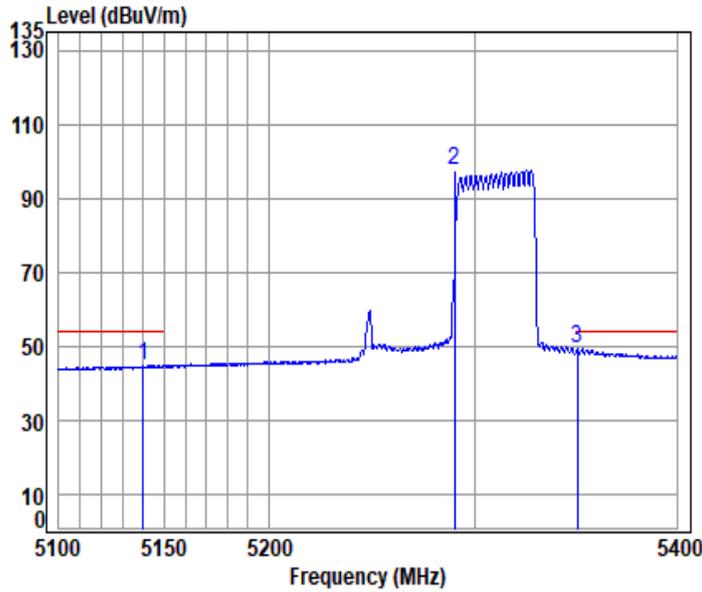
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5290 Band edge
 : 5G Wi-Fi 11ax80 RU484

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.090	10.12	32.39	30.84	45.63	57.30	74.00	-16.70 peak
2	pp 5290.000	10.28	32.68	30.78	98.63	110.81	68.20	42.61 peak
3	5350.535	10.45	32.80	30.76	57.91	70.40	74.00	-3.60 peak



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11ax_80M_Partial_RU484_TX_CH_58_Horizontal-Avg



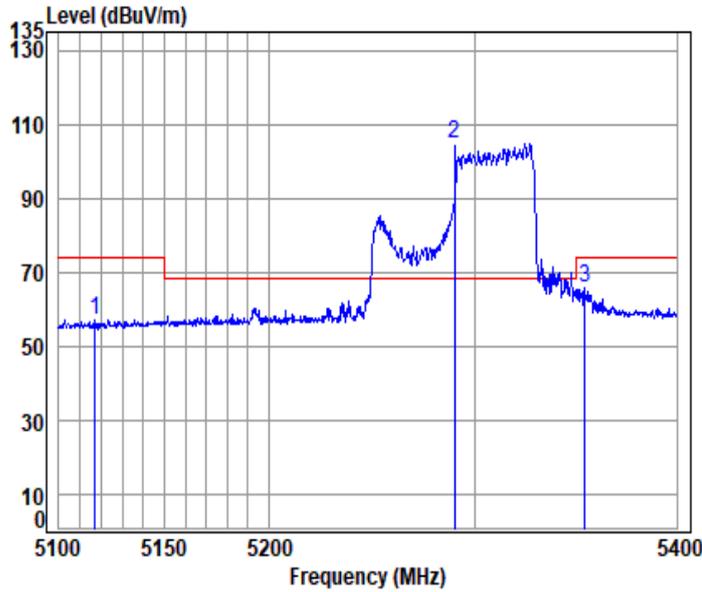
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5290 Band edge
 : 5G Wi-Fi 11ax80 RU484

	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5140.093	10.10	32.38	30.84	33.07	44.71	54.00	-9.29	Average
2	5290.000	10.28	32.68	30.78	85.37	97.55	-----	-----	Average
3 pp	5350.535	10.45	32.80	30.76	36.87	49.36	54.00	-4.64	Average



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11ax_80M_Partial_RU484_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

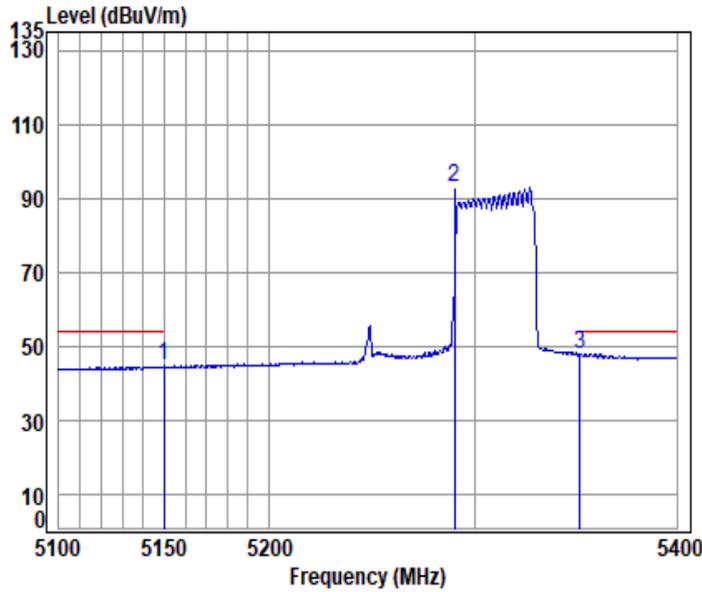
Mode : 5290 Band edge

: 5G Wi-Fi 11ax80 RU484

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5116.936	10.01	32.33	30.85	45.55	57.04	74.00	-16.96 peak
2	pp 5290.000	10.28	32.68	30.78	92.68	104.86	68.20	36.66 peak
3	5354.206	10.46	32.80	30.76	53.29	65.79	74.00	-8.21 peak



11ax_80M_Partial_RU484_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5290 Band edge

: 5G Wi-Fi 11ax80 RU484

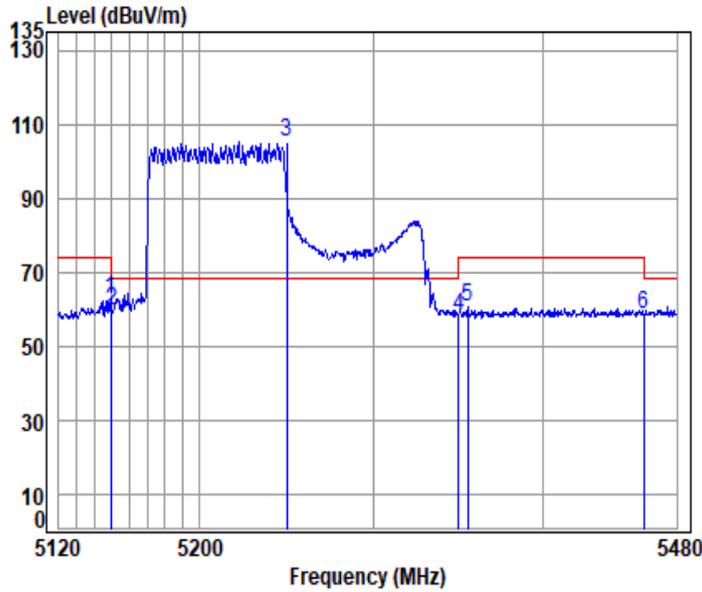
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5149.798	10.14	32.40	30.84	32.73	44.43	54.00	-9.57	Average
2	5290.000	10.28	32.68	30.78	80.50	92.68	-----	-----	Average
3 pp	5351.758	10.46	32.80	30.76	35.41	47.91	54.00	-6.09	Average



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11ax_160M_Partial_RU996_TX_CH_50_Horizontal-Peak



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5250 Band edge
 : 5G Wi-Fi 11ax160 RU996

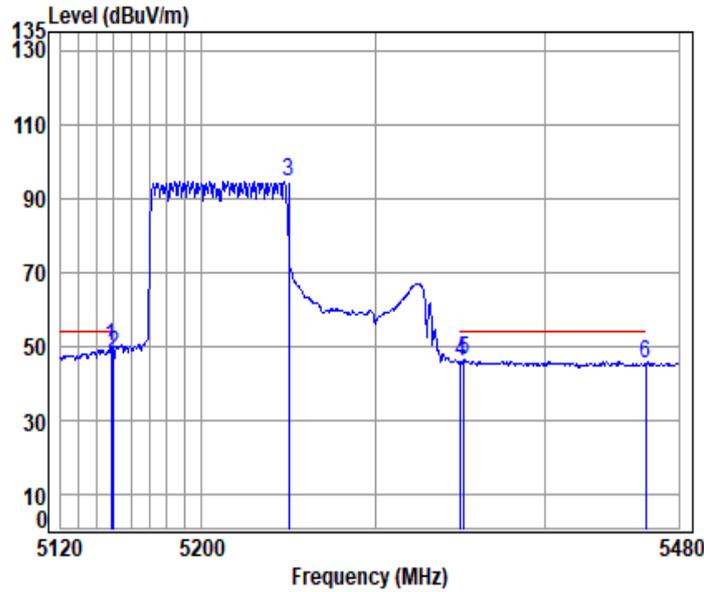
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.308	10.14	32.40	30.84	50.84	62.54	74.00	-11.46 peak
2	5149.980	10.14	32.40	30.84	48.06	59.76	74.00	-14.24 peak
3	5250.000	10.31	32.60	30.80	93.34	105.45	68.20	37.25 peak
4	5350.020	10.45	32.80	30.76	45.61	58.10	74.00	-15.90 peak
5	5355.573	10.47	32.80	30.76	48.12	60.63	74.00	-13.37 peak
6	5459.980	10.60	32.90	30.72	45.92	58.70	74.00	-15.30 peak



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11ax_160M_Partial_RU996_TX_CH_50_Horizontal-Avg



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5250 Band edge
 : 5G Wi-Fi 11ax160 RU996

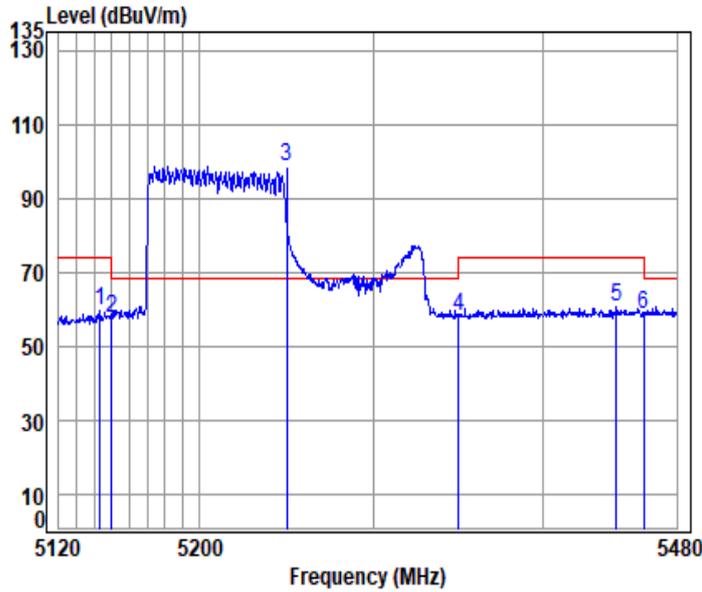
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5148.608	10.13	32.40	30.84	37.96	49.65	54.00	-4.35	Average
2 5150.000	10.14	32.40	30.84	35.91	47.61	54.00	-6.39	Average
3 5250.000	10.31	32.60	30.80	82.27	94.38	-----	-----	Average
4 5350.000	10.45	32.80	30.76	33.25	45.74	54.00	-8.26	Average
5 5352.299	10.46	32.80	30.76	33.54	46.04	54.00	-7.96	Average
6 5460.000	10.60	32.90	30.72	32.33	45.11	54.00	-8.89	Average



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11ax_160M_Partial_RU996_TX_CH_50_Vertical-Peak



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5250 Band edge
 : 5G Wi-Fi 11ax160 RU996

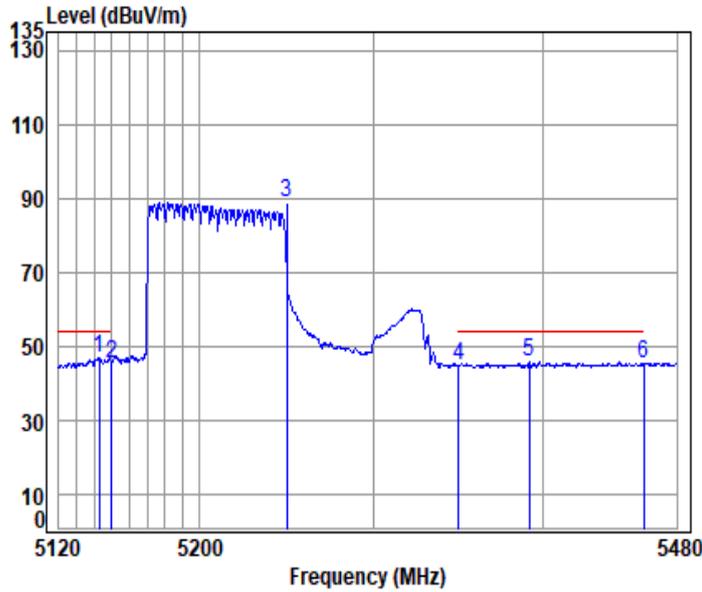
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5143.014	10.11	32.39	30.84	47.97	59.63	74.00	-14.37 peak
2	5149.980	10.14	32.40	30.84	45.87	57.57	74.00	-16.43 peak
3	5250.000	10.31	32.60	30.80	86.46	98.57	68.20	30.37 peak
4	5350.020	10.45	32.80	30.76	45.26	57.75	74.00	-16.25 peak
5	5443.999	10.60	32.89	30.72	47.69	60.46	74.00	-13.54 peak
6	5459.980	10.60	32.90	30.72	45.68	58.46	74.00	-15.54 peak



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11ax_160M_Partial_RU996_TX_CH_50_Vertical-Avg



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5250 Band edge
 : 5G Wi-Fi 11ax160 RU996

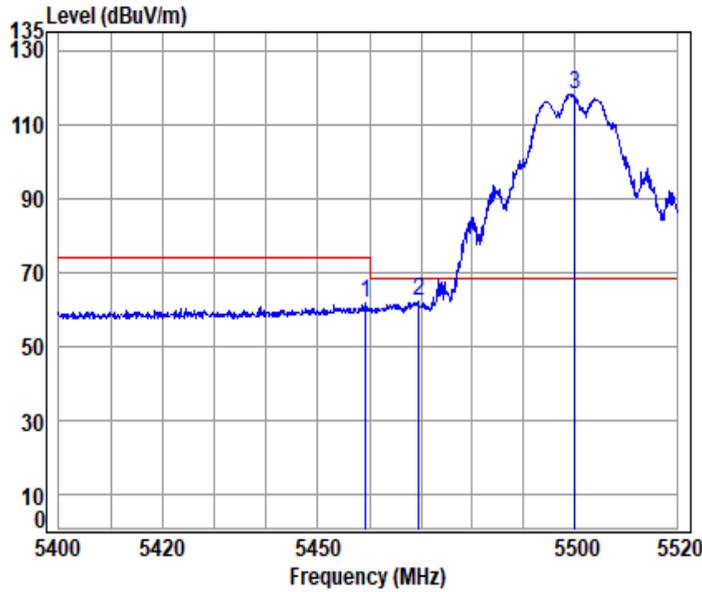
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5142.664	10.11	32.39	30.84	35.02	46.68	54.00	-7.32	Average	
2 5150.000	10.14	32.40	30.84	33.32	45.02	54.00	-8.98	Average	
3 5250.000	10.31	32.60	30.80	76.76	88.87	-----	-----	Average	
4 5350.000	10.45	32.80	30.76	31.98	44.47	54.00	-9.53	Average	
5 5392.089	10.59	32.80	30.74	32.92	45.57	54.00	-8.43	Average	
6 5460.000	10.60	32.90	30.72	32.28	45.06	54.00	-8.94	Average	



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11a_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

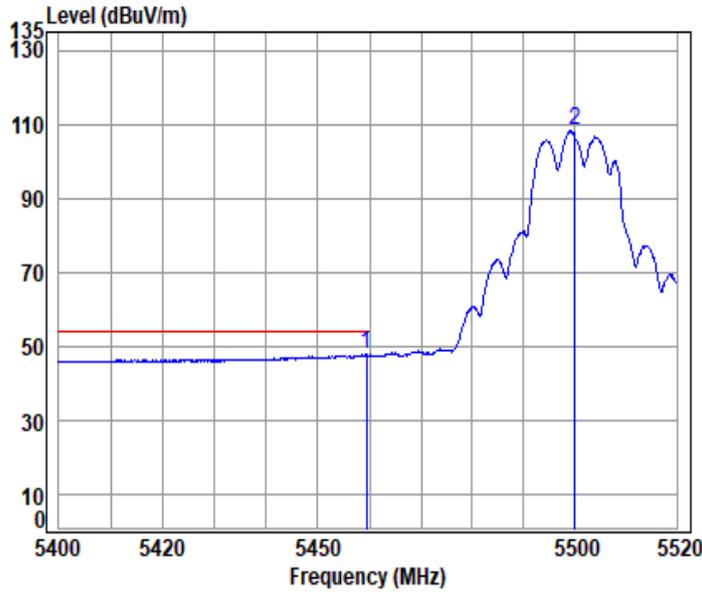
Mode : 5500 Band edge

: 5G Wi-Fi 11a

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.311	10.60	32.90	30.72	48.69	61.47	74.00	-12.53 peak
2	5469.519	10.59	32.90	30.71	49.58	62.36	68.20	-5.84 peak
3 pp	5500.000	10.58	32.90	30.70	105.49	118.27	68.20	50.07 peak



11a_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11a

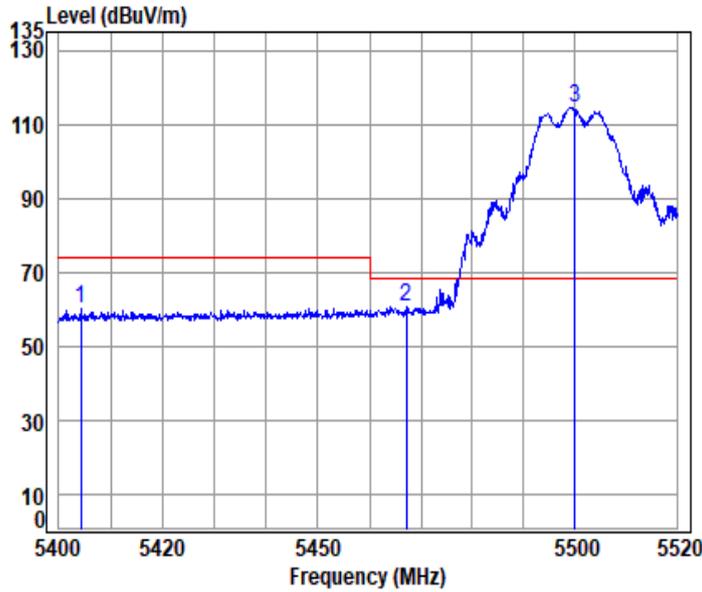
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5459.430	10.60	32.90	30.72	34.99	47.77	54.00	-6.23	Average
2 5500.000	10.58	32.90	30.70	95.38	108.16	-----	-----	Average



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11a_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5500 Band edge
 : 5G Wi-Fi 11a

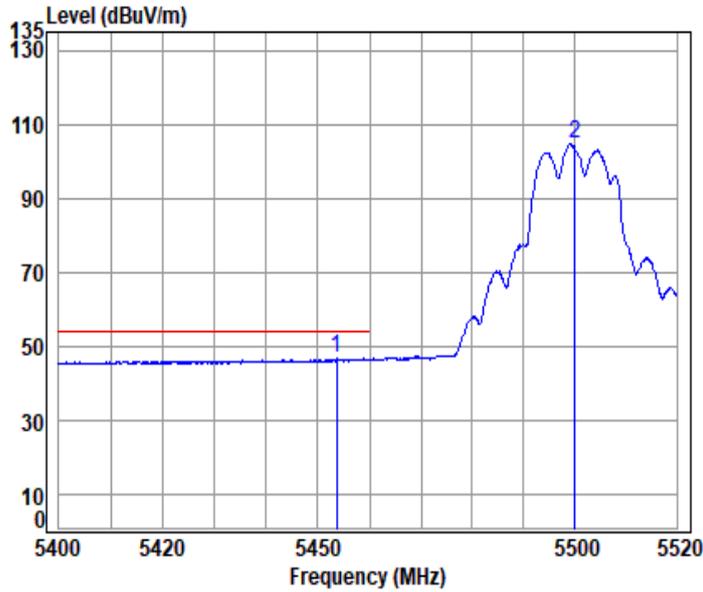
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5404.274	10.62	32.81	30.74	47.17	59.86	74.00	-14.14 peak
2	5467.115	10.59	32.90	30.71	47.81	60.59	68.20	-7.61 peak
3	pp 5500.000	10.58	32.90	30.70	101.91	114.69	68.20	46.49 peak



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11a_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11a

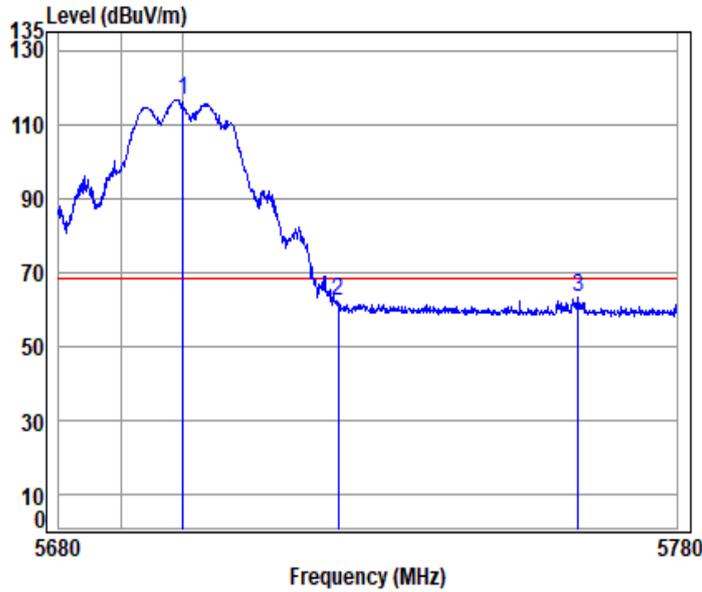
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5453.674	10.60	32.90	30.72	33.73	46.51	54.00	-7.49	Average	
2 5500.000	10.58	32.90	30.70	91.76	104.54	-----	-----	Average	



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11a_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5700 Band edge
 : 5G Wi-Fi 11a

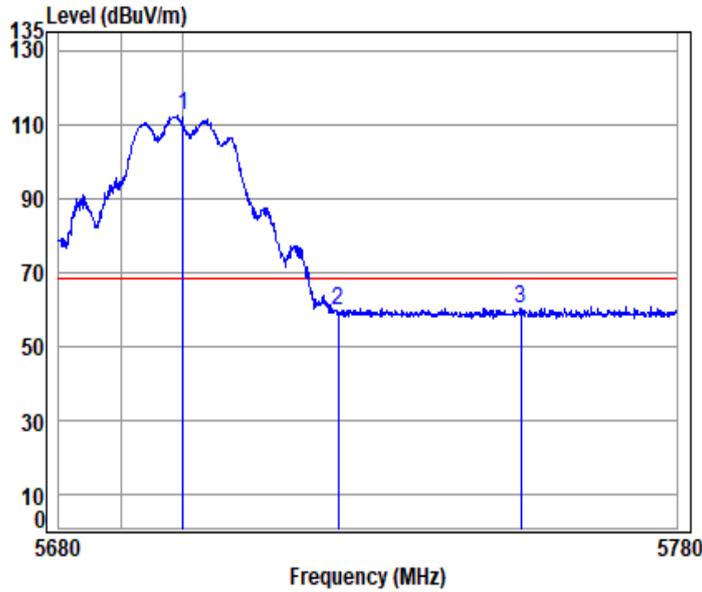
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5700.000	10.56	33.20	30.62	103.58	116.72	68.20	48.52	peak
2 5725.000	10.68	33.25	30.61	49.00	62.32	68.20	-5.88	peak
3 5763.882	10.85	33.33	30.59	49.48	63.07	68.20	-5.13	peak



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11a_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL
 Job No : 01554WM
 Mode : 5700 Band edge
 : 5G Wi-Fi 11a

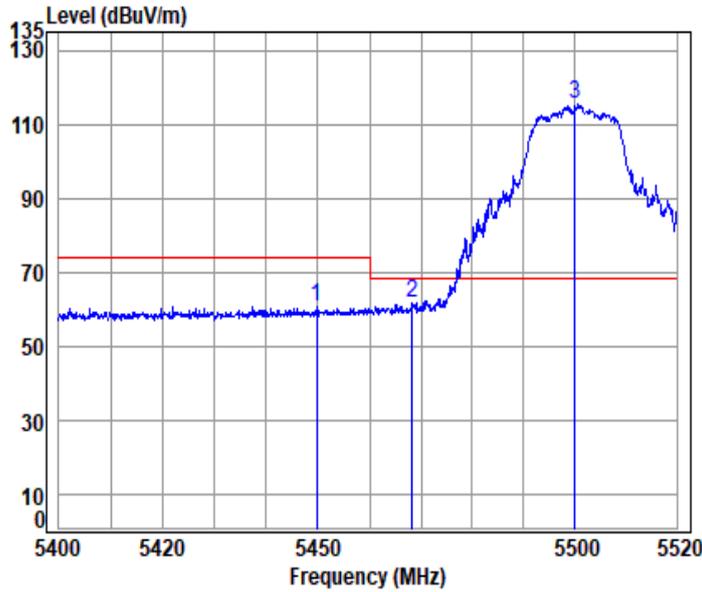
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5700.000	10.56	33.20	30.62	99.26	112.40	68.20	44.20	peak
2 5725.000	10.68	33.25	30.61	46.13	59.45	68.20	-8.75	peak
3 5754.635	10.81	33.31	30.60	46.76	60.28	68.20	-7.92	peak



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11ac_VHT(20M)_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ac20

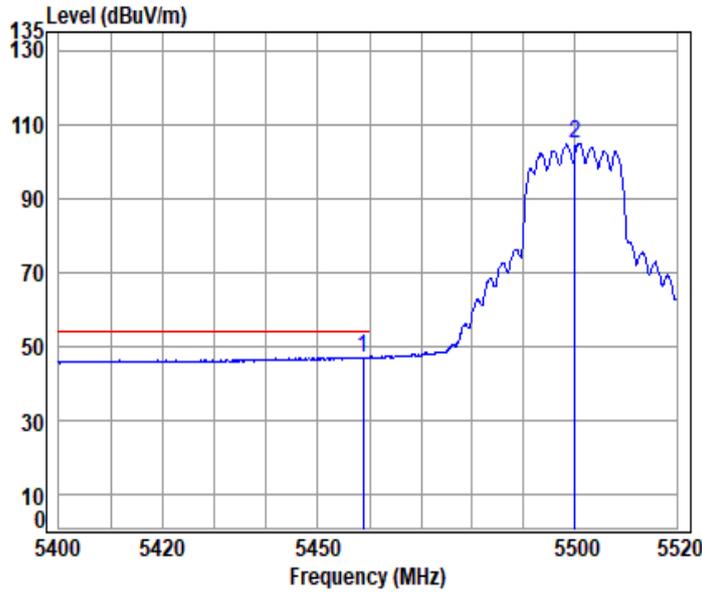
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5449.720	10.60	32.90	30.72	47.75	60.53	74.00	-13.47 peak
2	5468.317	10.59	32.90	30.71	48.80	61.58	68.20	-6.62 peak
3 pp	5500.000	10.58	32.90	30.70	102.67	115.45	68.20	47.25 peak



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11ac_VHT(20M)_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ac20

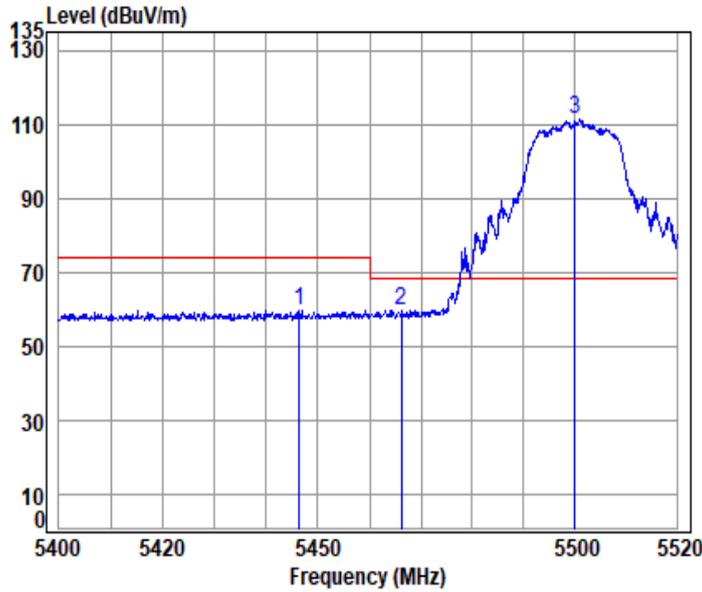
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5458.710	10.60	32.90	30.72	34.18	46.96	54.00	-7.04	Average
2 5500.000	10.58	32.90	30.70	92.16	104.94	-----	-----	Average



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11ac_VHT(20M)_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ac20

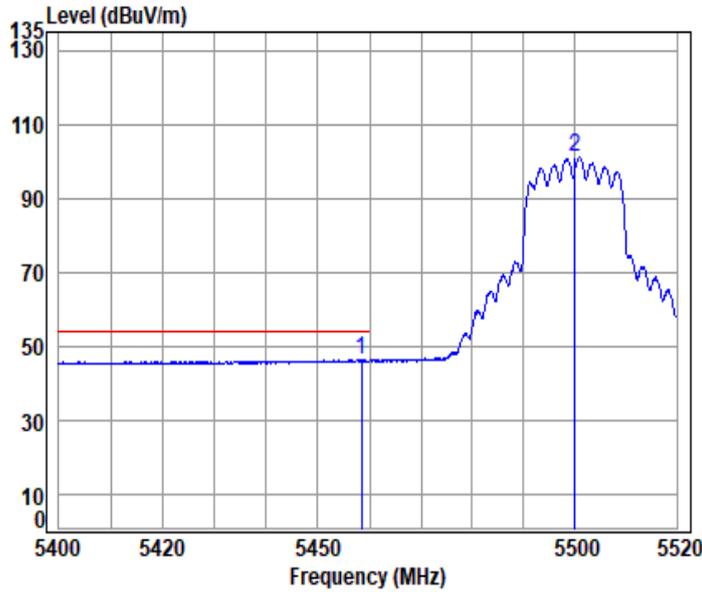
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5446.367	10.60	32.89	30.72	46.63	59.40	74.00	-14.60 peak
2	5466.154	10.59	32.90	30.71	46.97	59.75	68.20	-8.45 peak
3 pp	5500.000	10.58	32.90	30.70	98.65	111.43	68.20	43.23 peak



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11ac_VHT(20M)_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ac20

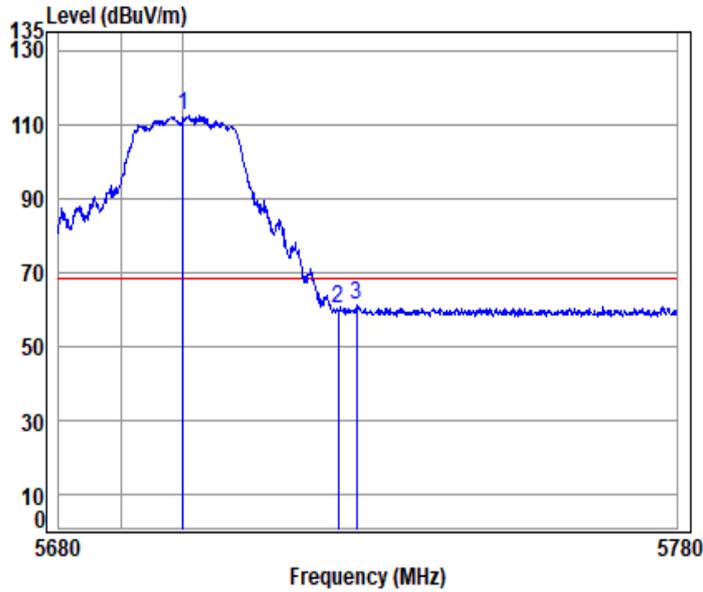
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5458.471	10.60	32.90	30.72	33.44	46.22	54.00	-7.78	Average	
2 5500.000	10.58	32.90	30.70	88.17	100.95	-----	-----	Average	



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11ac_VHT(20M)_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5700 Band edge
 : 5G Wi-Fi 11ac20

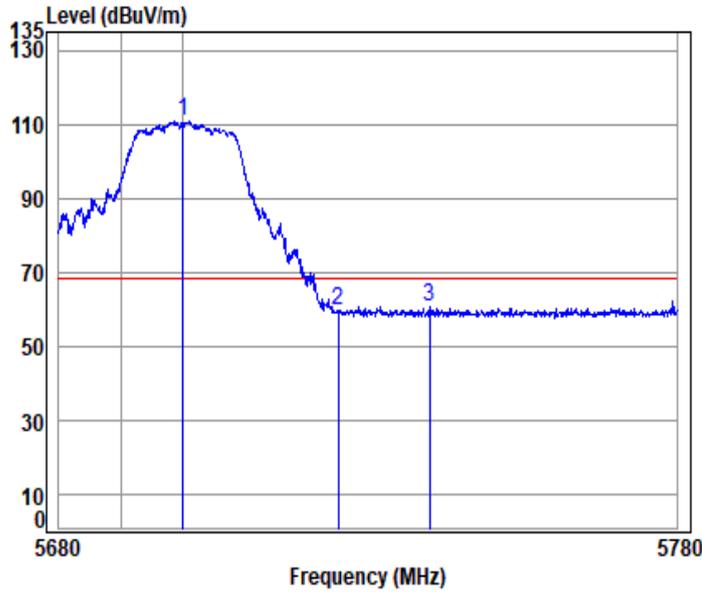
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5700.000	10.56	33.20	30.62	99.07	112.21	68.20	44.01	peak
2 5725.000	10.68	33.25	30.61	46.61	59.93	68.20	-8.27	peak
3 5727.982	10.69	33.26	30.61	47.75	61.09	68.20	-7.11	peak



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11ac_VHT(20M)_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ac20

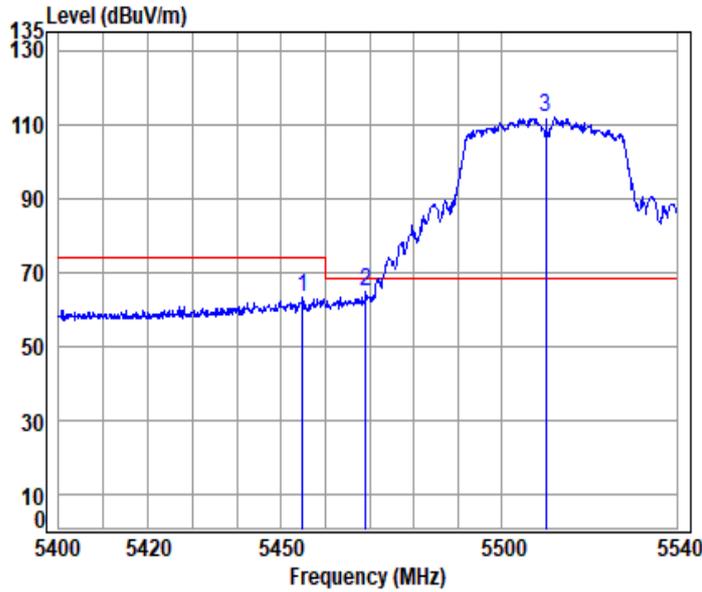
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5700.000	10.56	33.20	30.62	97.59	110.73	68.20	42.53	peak
2 5725.000	10.68	33.25	30.61	46.36	59.68	68.20	-8.52	peak
3 5739.791	10.74	33.28	30.60	47.15	60.57	68.20	-7.63	peak



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11ac_VHT(40M)_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ac40

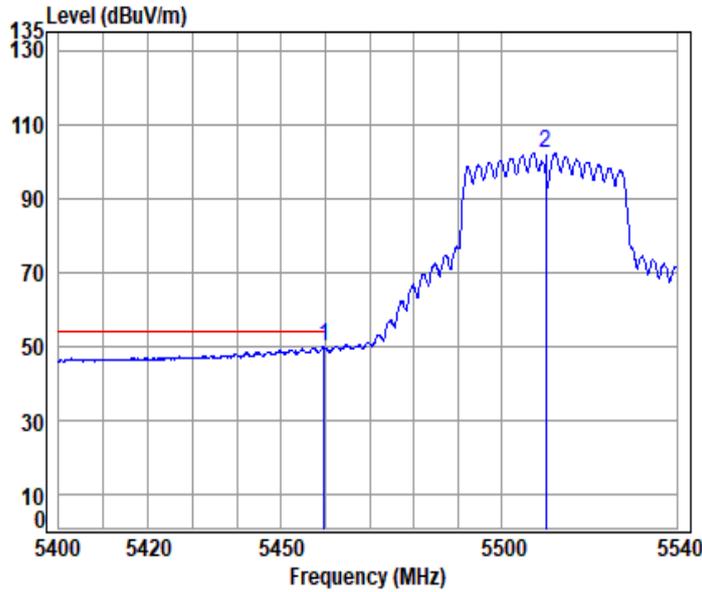
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5454.872	10.60	32.90	30.72	50.42	63.20	74.00	-10.80 peak
2	5469.132	10.59	32.90	30.71	51.88	64.66	68.20	-3.54 peak
3 pp	5510.000	10.56	32.90	30.70	98.90	111.66	68.20	43.46 peak



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11ac_VHT(40M)_TX_CH_102_Horizontal-Avg



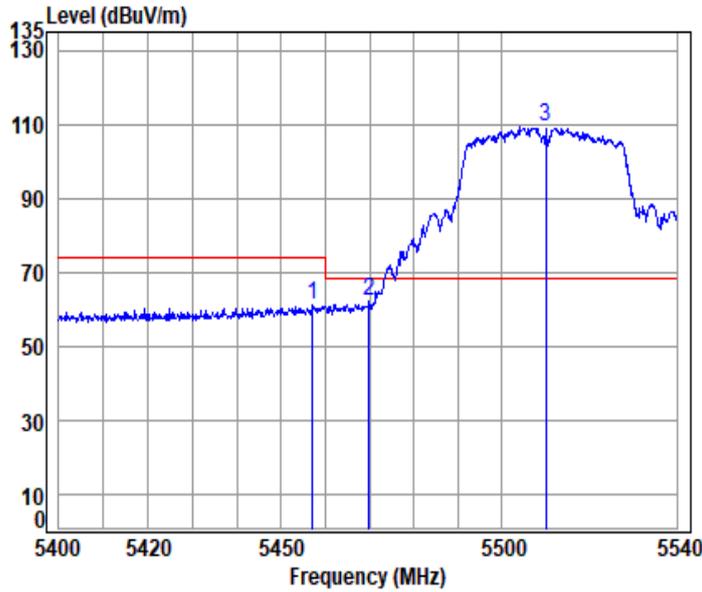
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5510 Band edge
 : 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5459.761	10.60	32.90	30.72	36.77	49.55	54.00	-4.45	Average	
2 5510.000	10.56	32.90	30.70	89.31	102.07	-----	-----	Average	



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11ac_VHT(40M)_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ac40

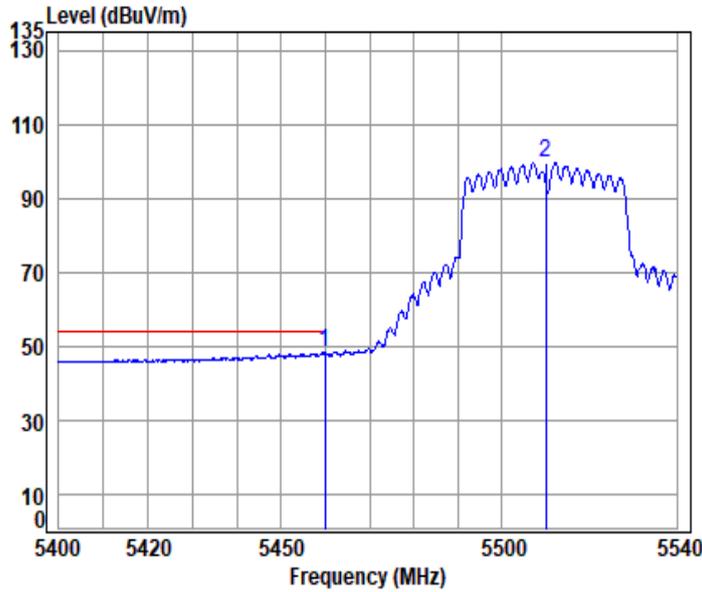
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5456.967	10.60	32.90	30.72	48.18	60.96	74.00	-13.04 peak
2	5469.832	10.59	32.90	30.71	49.10	61.88	68.20	-6.32 peak
3 pp	5510.000	10.56	32.90	30.70	96.58	109.34	68.20	41.14 peak



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11ac_VHT(40M)_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ac40

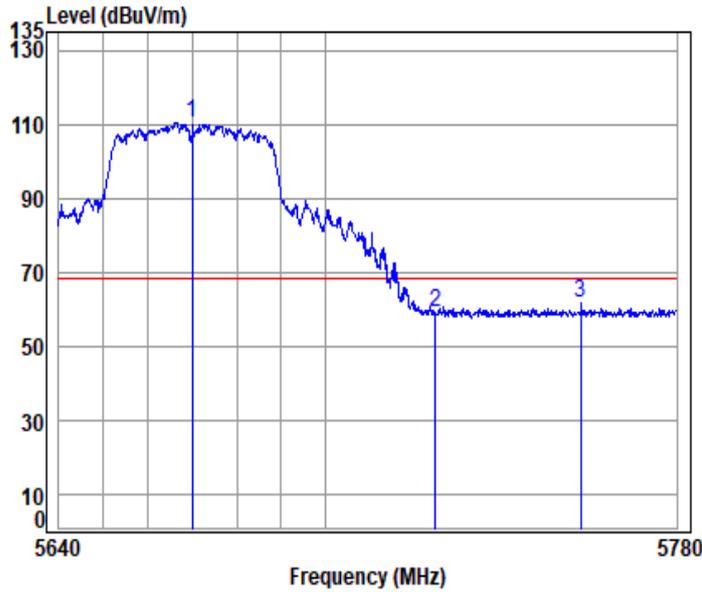
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5459.901	10.60	32.90	30.72	35.72	48.50	54.00	-5.50	Average	
2 5510.000	10.56	32.90	30.70	86.85	99.61	-----	-----	Average	



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11ac_VHT(40M)_TX_CH_134_Horizontal-Peak



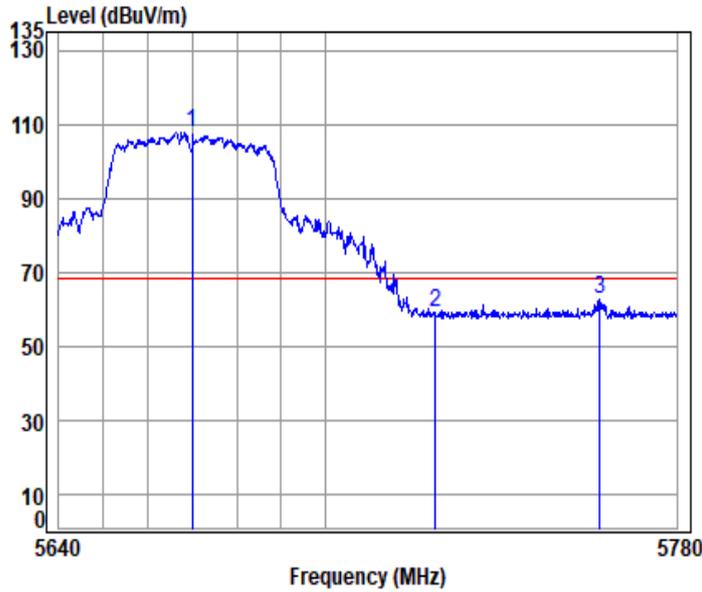
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5670 Band edge
 : 5G Wi-Fi 11ac40

	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5670.000	10.52	33.14	30.63	97.22	110.25	68.20	42.05	peak
2 5725.000	10.68	33.25	30.61	45.82	59.14	68.20	-9.06	peak
3 5758.075	10.83	33.32	30.60	47.85	61.40	68.20	-6.80	peak



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11ac_VHT(40M)_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5670 Band edge

: 5G Wi-Fi 11ac40

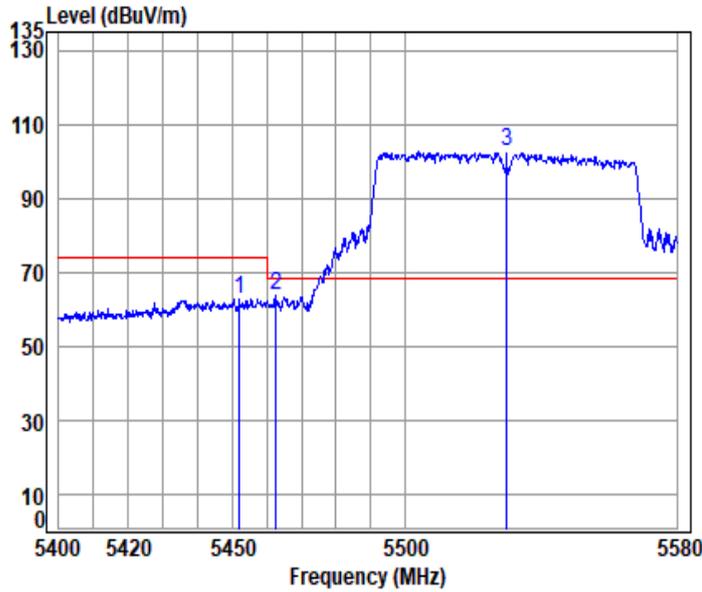
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5670.000	10.52	33.14	30.63	94.99	108.02	68.20	39.82	peak
2 5725.000	10.68	33.25	30.61	45.60	58.92	68.20	-9.28	peak
3 5762.312	10.85	33.32	30.60	49.18	62.75	68.20	-5.45	peak



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11ac_VHT(80M)_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

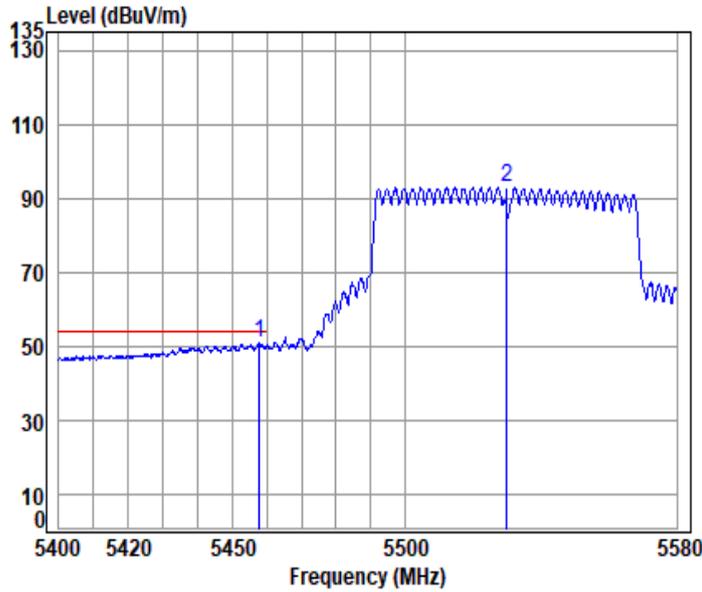
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5452.130	10.60	32.90	30.72	49.97	62.75	74.00	-11.25 peak
2	5462.688	10.59	32.90	30.71	50.84	63.62	68.20	-4.58 peak
3 pp	5530.000	10.53	32.90	30.69	89.82	102.56	68.20	34.36 peak



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11ac_VHT(80M)_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

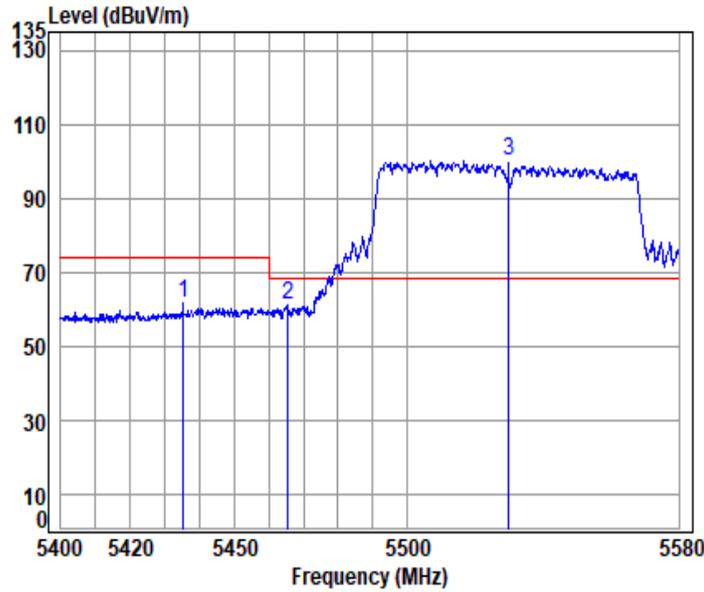
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5457.675	10.60	32.90	30.72	38.10	50.88	54.00	-3.12	Average	
2 5530.000	10.53	32.90	30.69	80.06	92.80	-----	-----	Average	



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11ac_VHT(80M)_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

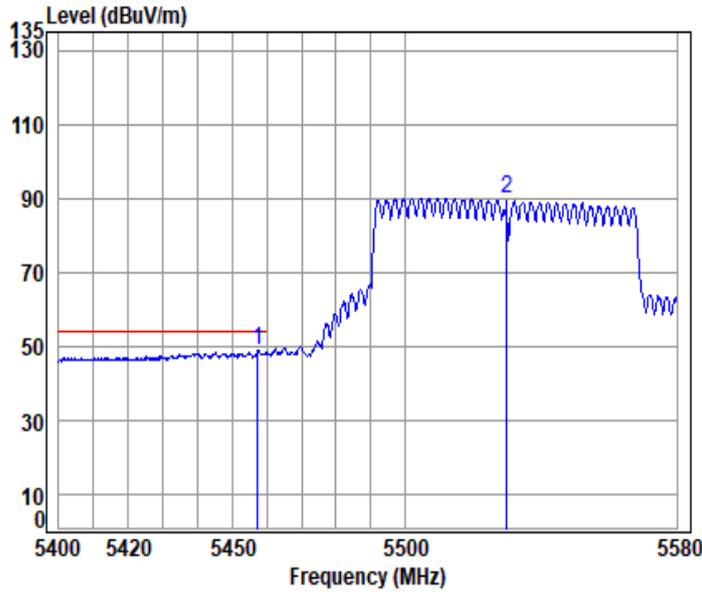
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5435.173	10.61	32.87	30.73	48.69	61.44	74.00	-12.56 peak
2	5465.375	10.59	32.90	30.71	48.27	61.05	68.20	-7.15 peak
3 pp	5530.000	10.53	32.90	30.69	87.56	100.30	68.20	32.10 peak



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11ac_VHT(80M)_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

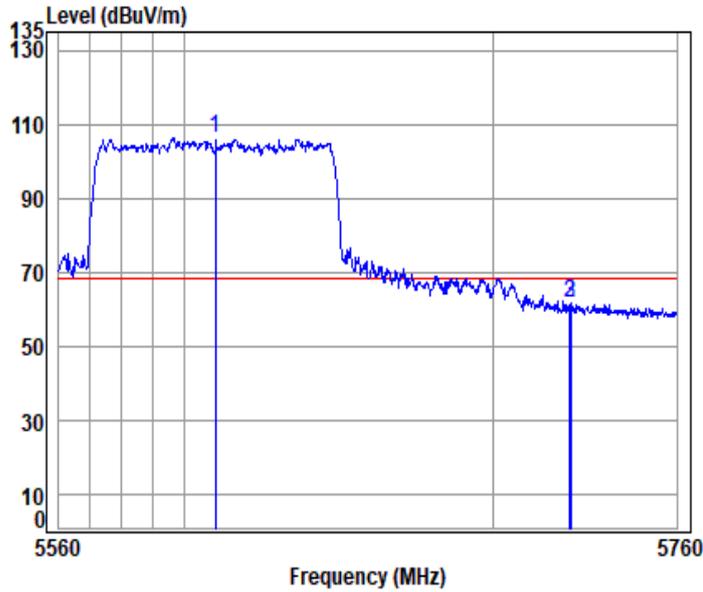
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5457.317	10.60	32.90	30.72	35.93	48.71	54.00	-5.29	Average	
2 5530.000	10.53	32.90	30.69	77.29	90.03	-----	-----	Average	



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11ac_VHT(80M)_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5610 Band edge

: 5G Wi-Fi 11ac80

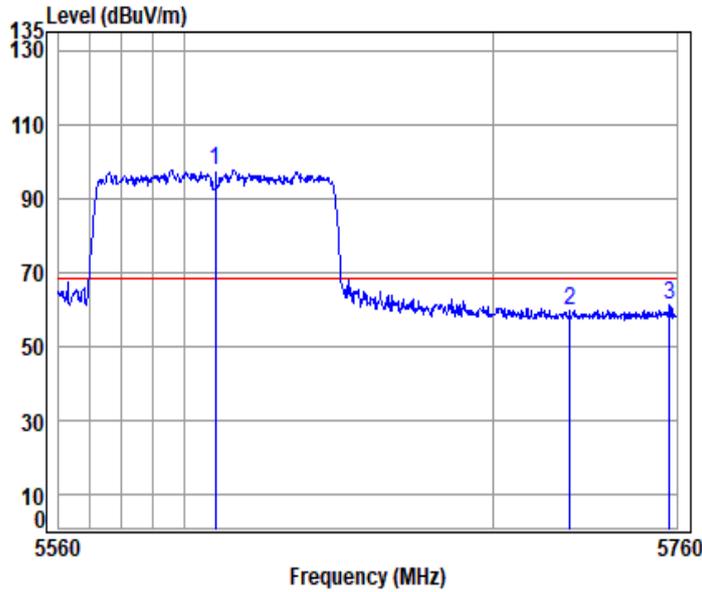
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5610.000	10.43	33.02	30.66	93.41	106.20	68.20	38.00	peak
2 5725.000	10.68	33.25	30.61	48.44	61.76	68.20	-6.44	peak
3 5725.095	10.68	33.25	30.61	48.44	61.76	68.20	-6.44	peak



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11ac_VHT(80M)_TX_CH_122_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5610 Band edge

: 5G Wi-Fi 11ac80

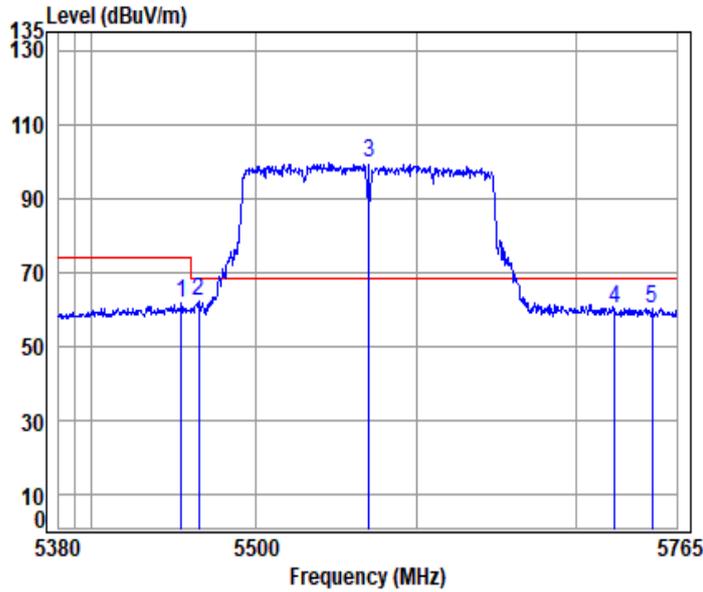
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5610.000	10.43	33.02	30.66	84.67	97.46	68.20	29.26	peak
2 5725.000	10.68	33.25	30.61	46.06	59.38	68.20	-8.82	peak
3 5757.761	10.83	33.32	30.60	47.65	61.20	68.20	-7.00	peak



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11ac_VHT(160M)_TX_CH_114_Horizontal-Peak



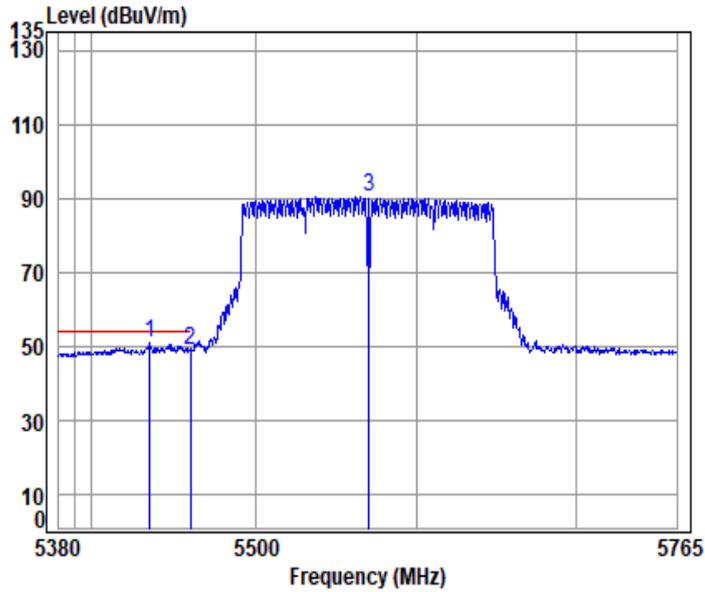
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5570 Band edge
 : 5G Wi-Fi 11ac160

	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	5454.509	10.60	32.90	30.72	48.89	61.67	74.00	-12.33 peak
2	5464.697	10.59	32.90	30.71	49.12	61.90	68.20	-6.30 peak
3 pp	5570.000	10.46	32.94	30.67	86.61	99.34	68.20	31.14 peak
4	5725.000	10.68	33.25	30.61	46.71	60.03	68.20	-8.17 peak
5	5749.083	10.79	33.30	30.60	46.78	60.27	68.20	-7.93 peak



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11ac_VHT(160M)_TX_CH_114_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

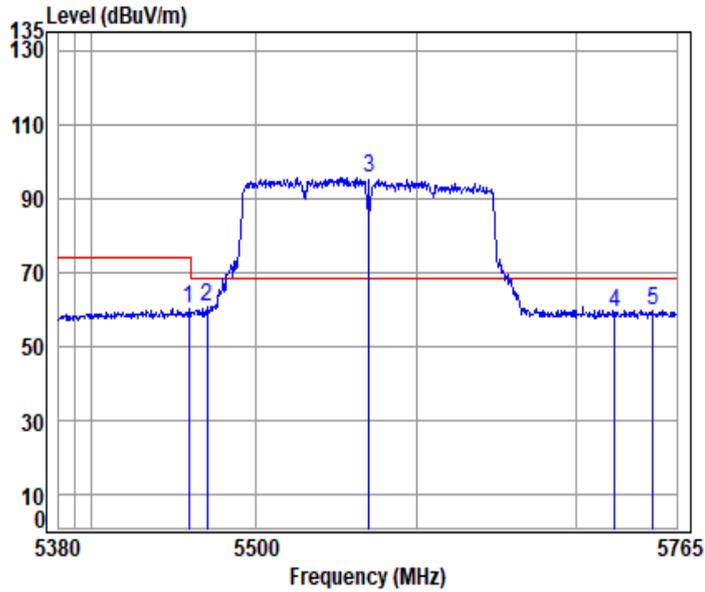
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5434.940	10.61	32.87	30.73	37.87	50.62	54.00	-3.38	Average
2 5460.000	10.60	32.90	30.72	36.01	48.79	54.00	-5.21	Average
3 5570.000	10.46	32.94	30.67	77.47	90.20	-----	-----	Average



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11ac_VHT(160M)_TX_CH_114_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

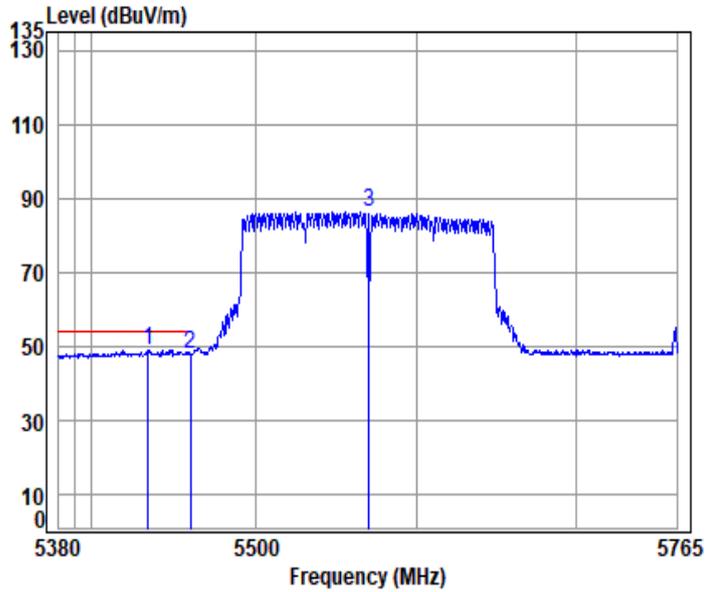
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.658	10.60	32.90	30.72	47.41	60.19	74.00	-13.81 peak
2	5469.988	10.59	32.90	30.71	47.63	60.41	68.20	-7.79 peak
3 pp	5570.000	10.46	32.94	30.67	82.73	95.46	68.20	27.26 peak
4	5725.000	10.68	33.25	30.61	45.45	58.77	68.20	-9.43 peak
5	5749.481	10.79	33.30	30.60	46.17	59.66	68.20	-8.54 peak



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11ac_VHT(160M)_TX_CH_114_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

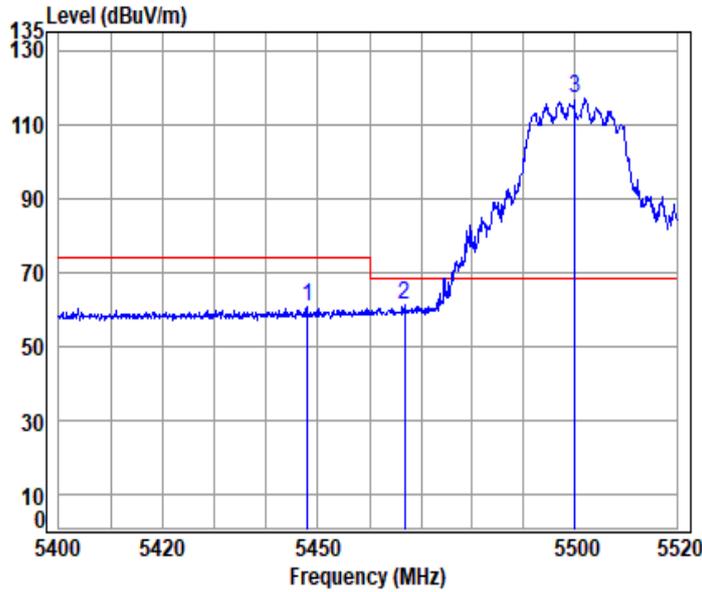
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5433.813	10.61	32.87	30.73	36.00	48.75	54.00	-5.25	Average	
2 5460.000	10.60	32.90	30.72	34.97	47.75	54.00	-6.25	Average	
3 5570.000	10.46	32.94	30.67	73.55	86.28	-----	-----	Average	



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11ax_20M_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5500 Band edge
 : 5G Wi-Fi 11ax20

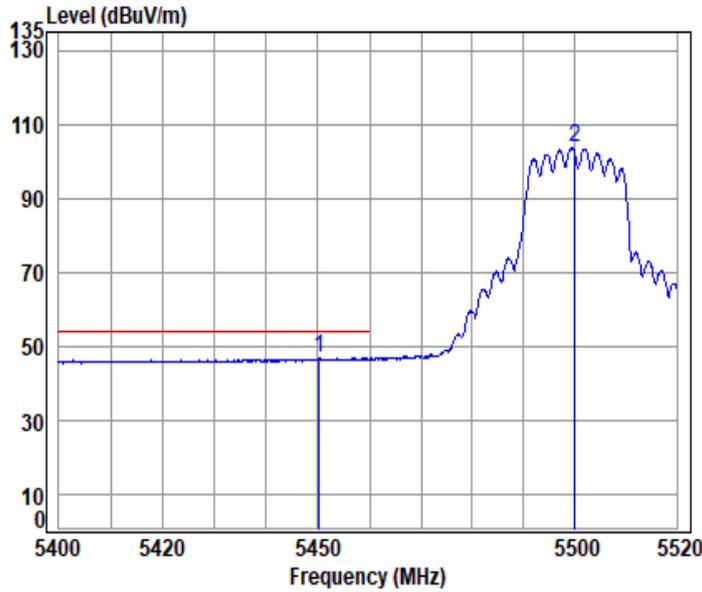
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5447.923	10.60	32.90	30.72	47.72	60.50	74.00	-13.50 peak
2	5466.875	10.59	32.90	30.71	48.08	60.86	68.20	-7.34 peak
3	pp 5500.000	10.58	32.90	30.70	104.12	116.90	68.20	48.70 peak



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11ax_20M_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

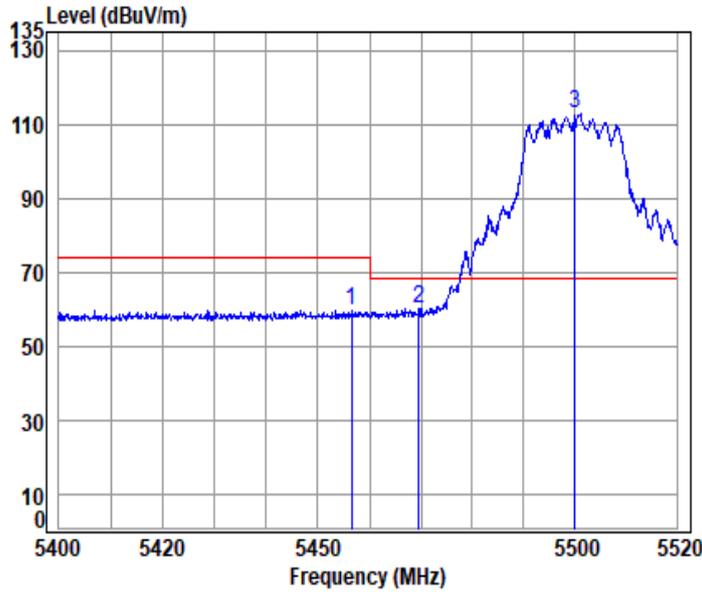
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5450.199	10.60	32.90	30.72	33.93	46.71	54.00	-7.29	Average	
2 5500.000	10.58	32.90	30.70	90.87	103.65	-----	-----	Average	



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11ax_20M_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

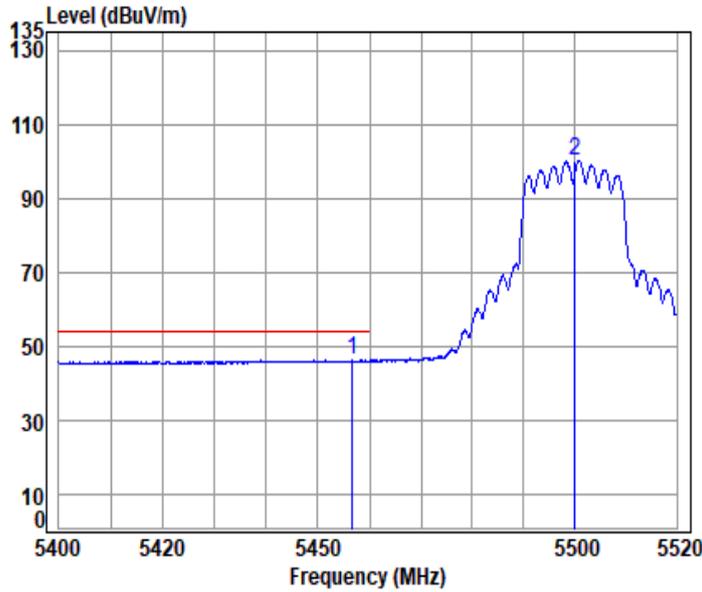
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5456.551	10.60	32.90	30.72	46.94	59.72	74.00	-14.28 peak
2	5469.519	10.59	32.90	30.71	47.18	59.96	68.20	-8.24 peak
3 pp	5500.000	10.58	32.90	30.70	100.16	112.94	68.20	44.74 peak



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11ax_20M_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

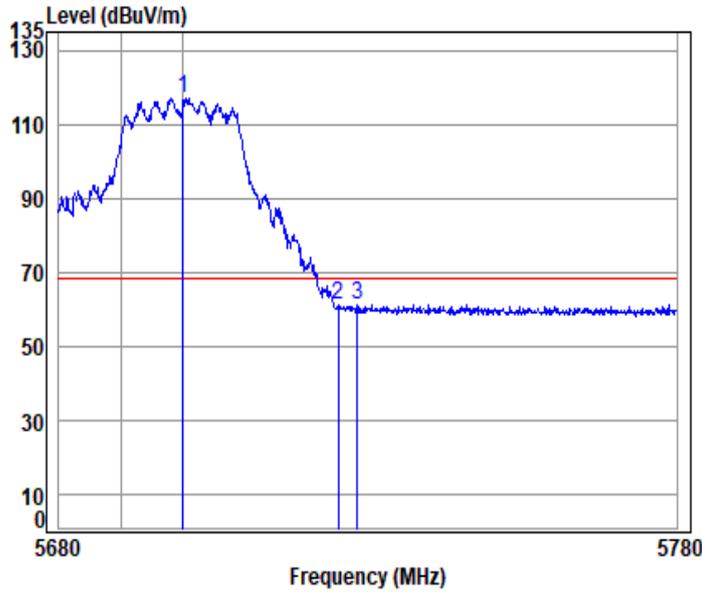
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5456.671	10.60	32.90	30.72	33.28	46.06	54.00	-7.94	Average	
2 5500.000	10.58	32.90	30.70	87.45	100.23	-----	-----	Average	



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11ax_20M_TX_CH_140_Horizontal-Peak



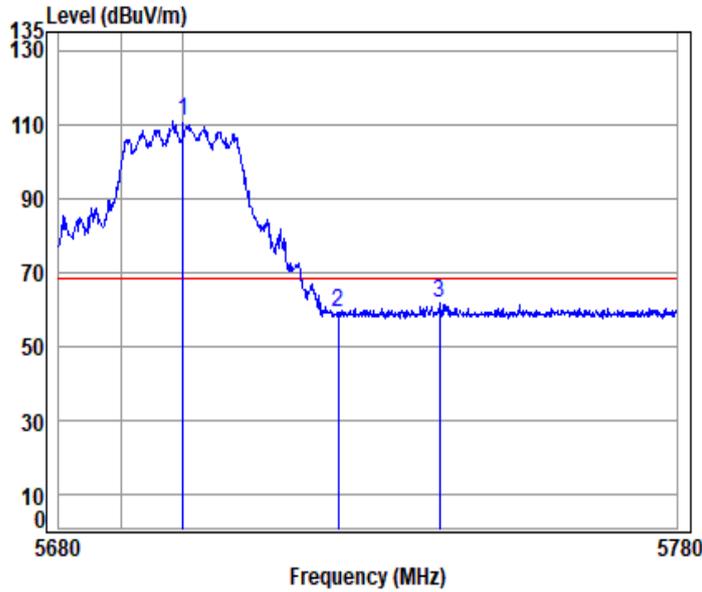
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5700 Band edge
 : 5G Wi-Fi 11ax20

	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 pp 5700.000	10.56	33.20	30.62	104.07	117.21	68.20	49.01	peak
2 5725.000	10.68	33.25	30.61	47.72	61.04	68.20	-7.16	peak
3 5728.082	10.69	33.26	30.61	47.85	61.19	68.20	-7.01	peak



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11ax_20M_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20

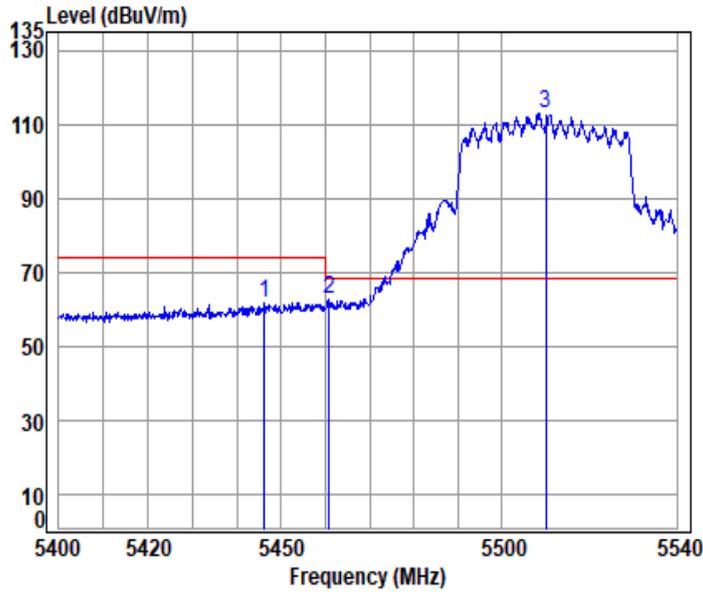
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5700.000	10.56	33.20	30.62	97.55	110.69	68.20	42.49	peak
2 5725.000	10.68	33.25	30.61	45.70	59.02	68.20	-9.18	peak
3 5741.394	10.75	33.28	30.60	48.05	61.48	68.20	-6.72	peak



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11ax_40M_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40

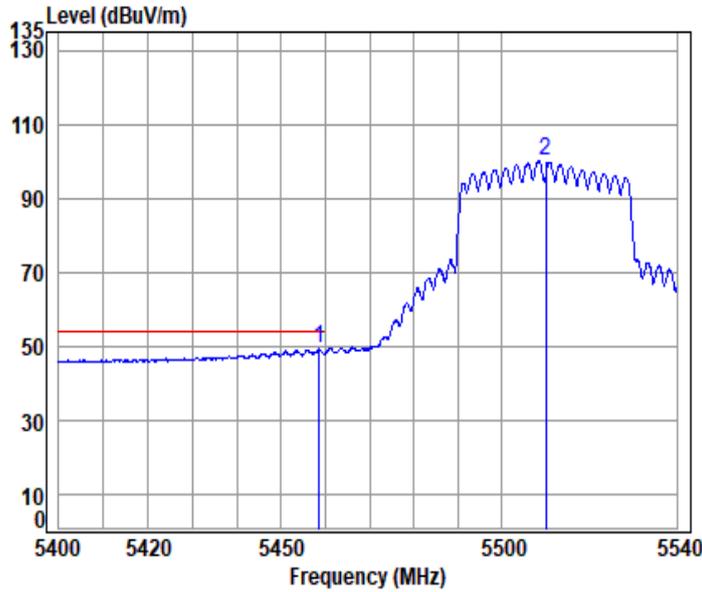
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5446.223	10.60	32.89	30.72	49.08	61.85	74.00	-12.15 peak
2	5460.879	10.60	32.90	30.72	49.91	62.69	68.20	-5.51 peak
3 pp	5510.000	10.56	32.90	30.70	100.38	113.14	68.20	44.94 peak



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11ax_40M_TX_CH_102_Horizontal-Avg



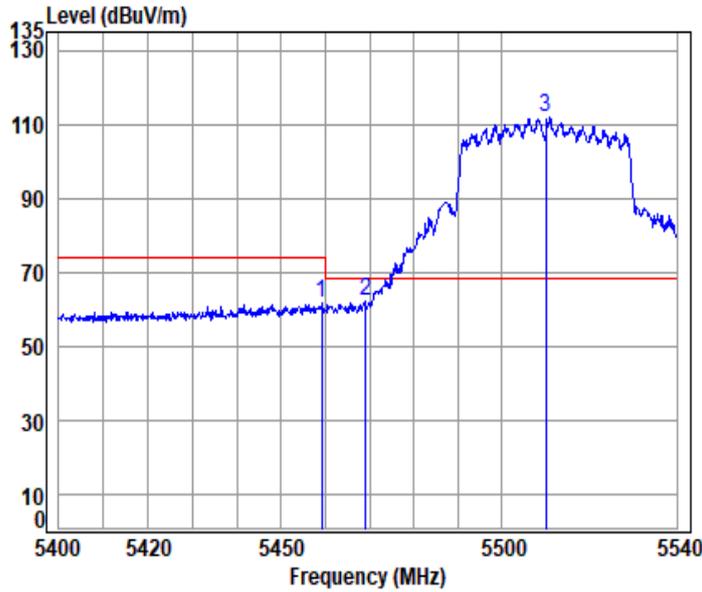
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5510 Band edge
 : 5G Wi-Fi 11ax40

	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 pp 5458.503	10.60	32.90	30.72	36.25	49.03	54.00	-4.97	Average
2 5510.000	10.56	32.90	30.70	87.26	100.02	-----	-----	Average



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11ax_40M_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40

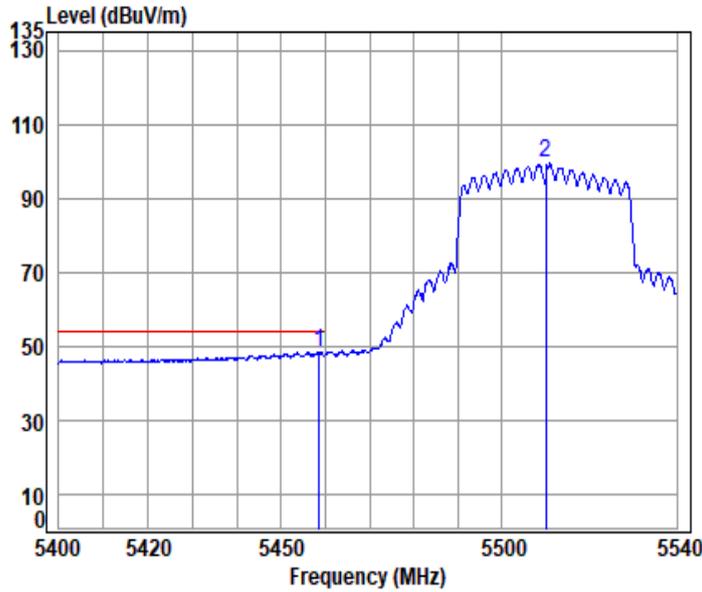
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.202	10.60	32.90	30.72	48.75	61.53	74.00	-12.47 peak
2	5469.132	10.59	32.90	30.71	49.16	61.94	68.20	-6.26 peak
3 pp	5510.000	10.56	32.90	30.70	99.10	111.86	68.20	43.66 peak



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11ax_40M_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5510 Band edge

: 5G Wi-Fi 11ax40

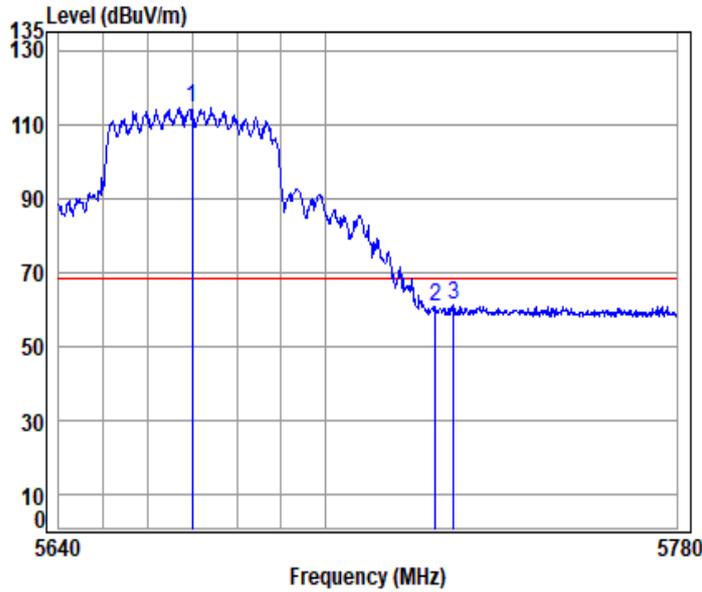
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5458.643	10.60	32.90	30.72	35.43	48.21	54.00	-5.79	Average	
2 5510.000	10.56	32.90	30.70	86.64	99.40	-----	-----	Average	



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11ax_40M_TX_CH_134_Horizontal-Peak



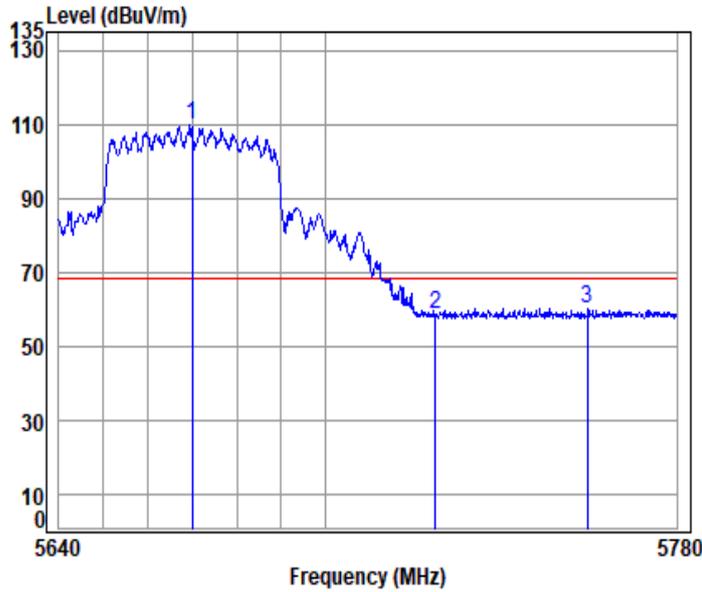
Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5670 Band edge
 : 5G Wi-Fi 11ax40

	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 pp 5670.000	10.52	33.14	30.63	101.26	114.29	68.20	46.09	peak
2 5725.000	10.68	33.25	30.61	47.21	60.53	68.20	-7.67	peak
3 5729.063	10.69	33.26	30.61	47.58	60.92	68.20	-7.28	peak



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11ax_40M_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5670 Band edge

: 5G Wi-Fi 11ax40

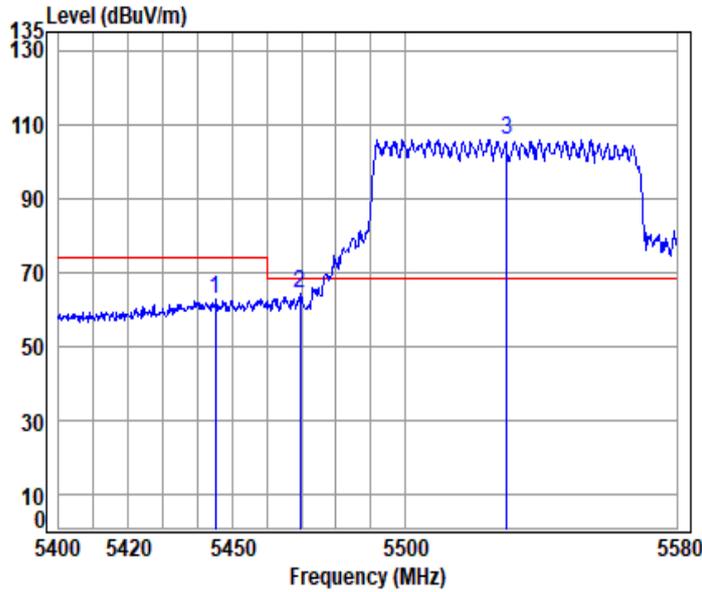
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5670.000	10.52	33.14	30.63	96.67	109.70	68.20	41.50	peak
2 5725.000	10.68	33.25	30.61	45.11	58.43	68.20	-9.77	peak
3 5759.628	10.83	33.32	30.60	46.52	60.07	68.20	-8.13	peak



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11ax_80M_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5530 Band edge
 : 5G Wi-Fi 11ax80

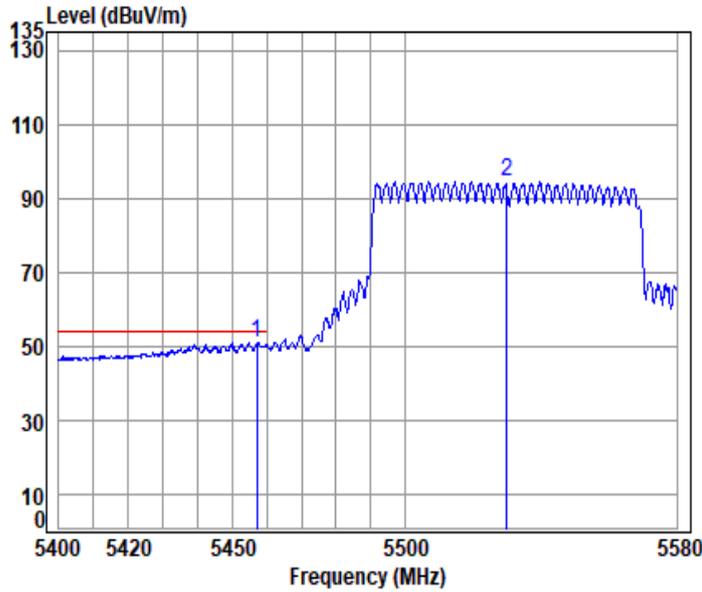
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5445.162	10.60	32.89	30.72	49.96	62.73	74.00	-11.27 peak
2	5469.678	10.59	32.90	30.71	51.48	64.26	68.20	-3.94 peak
3 pp	5530.000	10.53	32.90	30.69	93.18	105.92	68.20	37.72 peak



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11ax_80M_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80

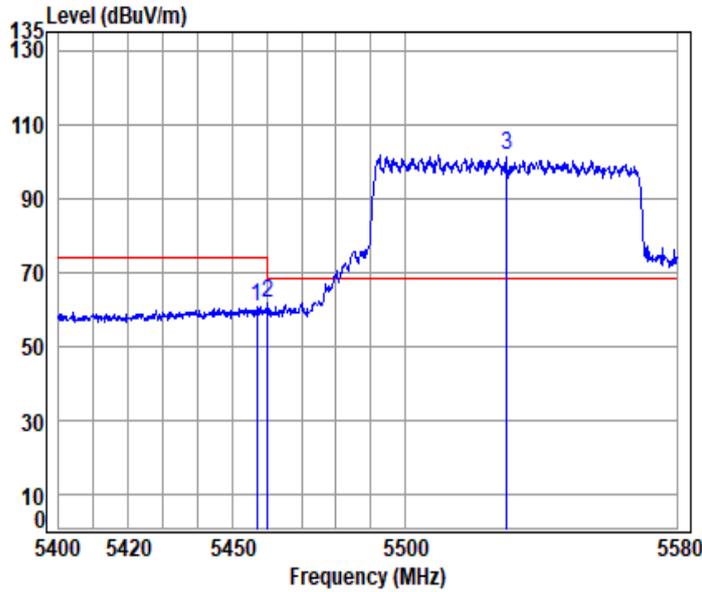
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5457.138	10.60	32.90	30.72	38.18	50.96	54.00	-3.04	Average
2 5530.000	10.53	32.90	30.69	81.55	94.29	-----	-----	Average



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11ax_80M_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80

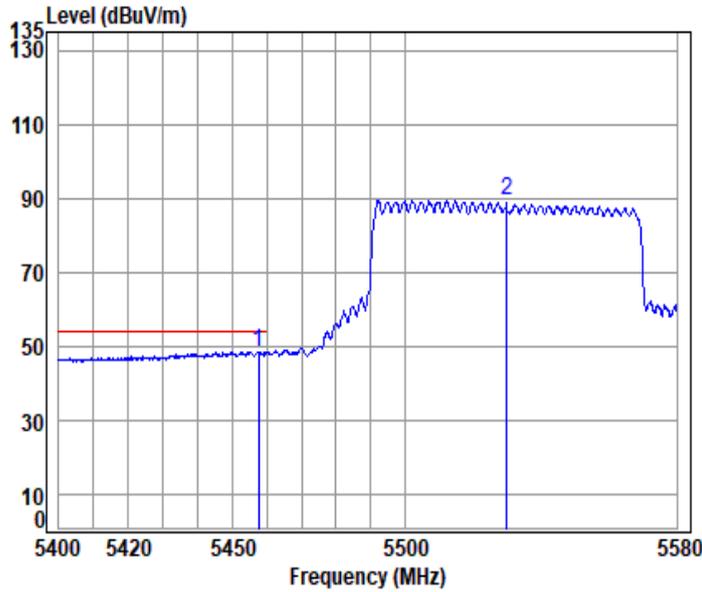
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5456.959	10.60	32.90	30.72	47.95	60.73	74.00	-13.27 peak
2	5460.181	10.60	32.90	30.72	48.63	61.41	68.20	-6.79 peak
3 pp	5530.000	10.53	32.90	30.69	89.06	101.80	68.20	33.60 peak



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11ax_80M_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5530 Band edge

: 5G Wi-Fi 11ax80

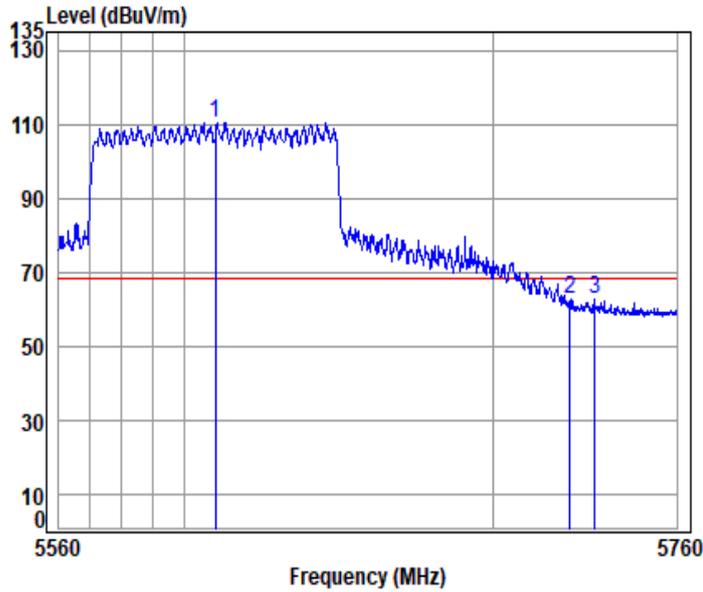
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5457.496	10.60	32.90	30.72	35.69	48.47	54.00	-5.53	Average	
2 5530.000	10.53	32.90	30.69	76.66	89.40	-----	-----	Average	



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11ax_80M_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5610 Band edge

: 5G Wi-Fi 11ax80

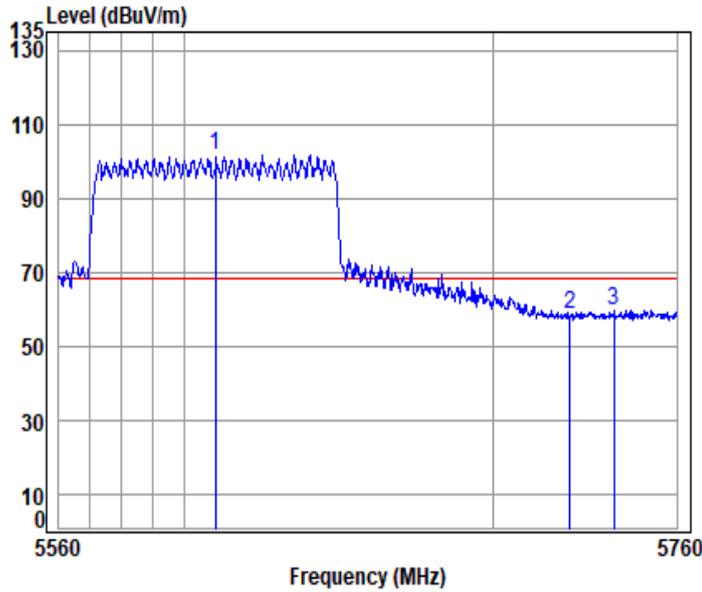
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5610.000	10.43	33.02	30.66	97.68	110.47	68.20	42.27	peak
2 5725.000	10.68	33.25	30.61	49.17	62.49	68.20	-5.71	peak
3 5732.991	10.71	33.27	30.61	49.23	62.60	68.20	-5.60	peak



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11ax_80M_TX_CH_122_Vetical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5610 Band edge

: 5G Wi-Fi 11ax80

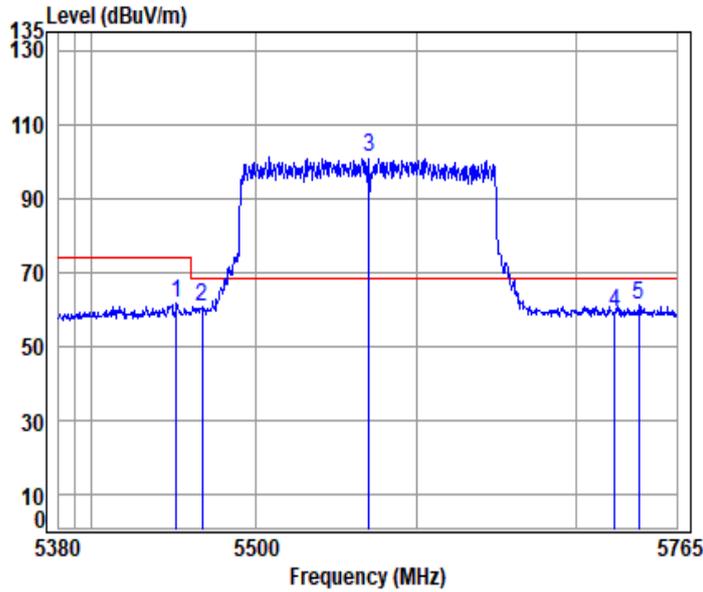
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5610.000	10.43	33.02	30.66	88.98	101.77	68.20	33.57	peak
2 5725.000	10.68	33.25	30.61	45.00	58.32	68.20	-9.88	peak
3 5739.275	10.74	33.28	30.60	46.27	59.69	68.20	-8.51	peak



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11ax_160M_TX_CH_114_Horizontal-Peak



Condition: 3m HORIZONTAL
 Job No : 01554WM
 Mode : 5570 Band edge
 : 5G Wi-Fi 11ax160

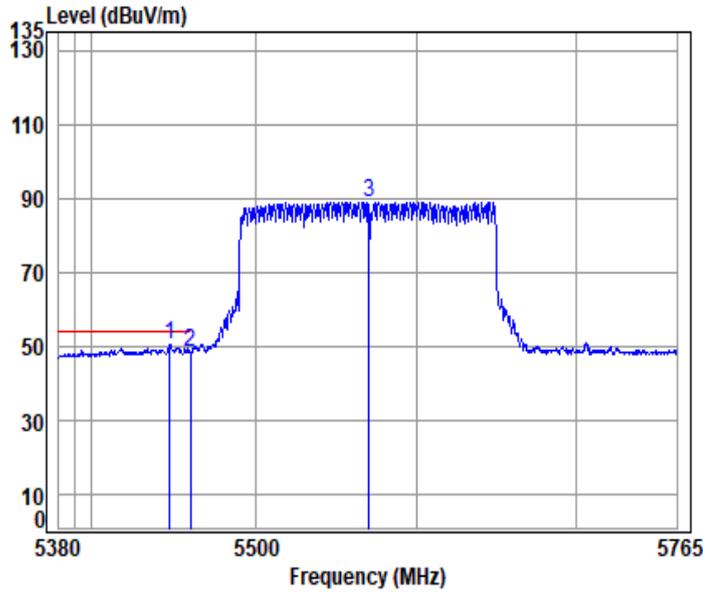
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5451.117	10.60	32.90	30.72	48.90	61.68	74.00	-12.32 peak
2	5466.964	10.59	32.90	30.71	47.65	60.43	68.20	-7.77 peak
3	5570.000	10.46	32.94	30.67	88.35	101.08	68.20	32.88 peak
4	5725.000	10.68	33.25	30.61	45.84	59.16	68.20	-9.04 peak
5	5740.745	10.75	33.28	30.60	47.67	61.10	68.20	-7.10 peak



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11ax_160M_TX_CH_114_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5570 Band edge

: 5G Wi-Fi 11ax160

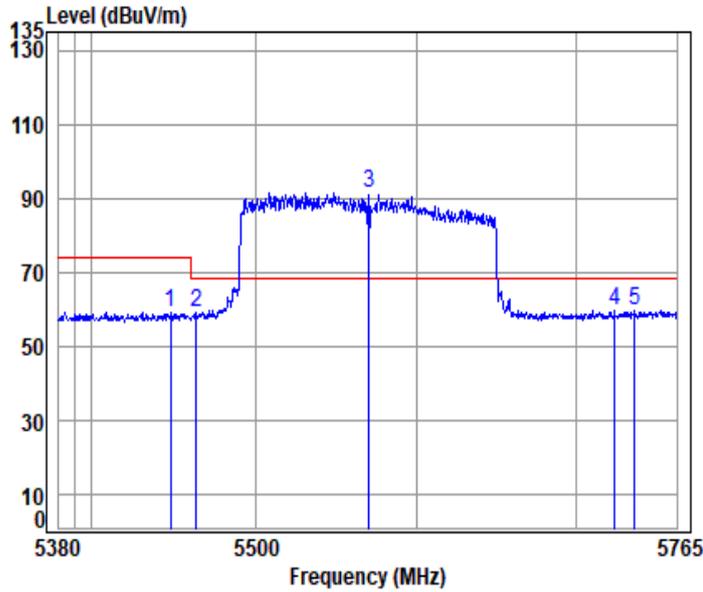
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5447.351	10.60	32.89	30.72	37.74	50.51	54.00	-3.49	Average	
2 5460.000	10.60	32.90	30.72	35.30	48.08	54.00	-5.92	Average	
3 5570.000	10.46	32.94	30.67	76.33	89.06	-----	-----	Average	



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11ax_160M_TX_CH_114_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5570 Band edge

: 5G Wi-Fi 11ax160

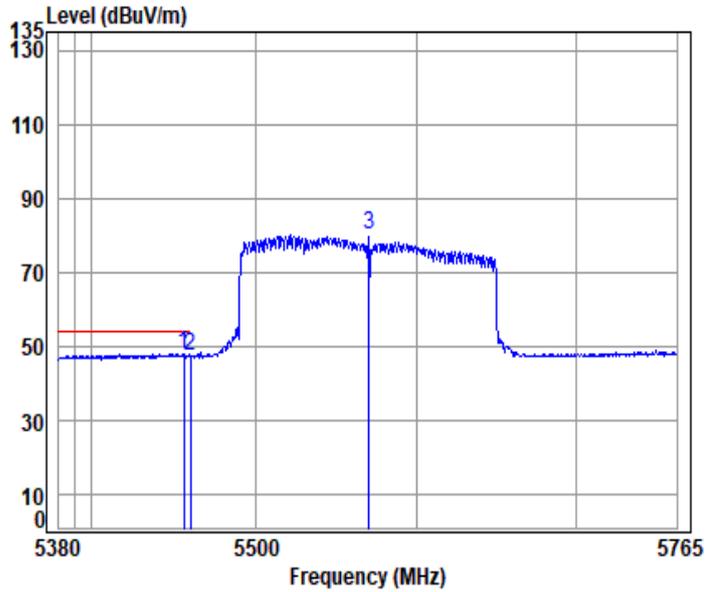
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5447.727	10.60	32.90	30.72	46.43	59.21	74.00	-14.79 peak
2	5463.564	10.59	32.90	30.71	46.18	58.96	68.20	-9.24 peak
3	5570.000	10.46	32.94	30.67	78.79	91.52	68.20	23.32 peak
4	5725.000	10.68	33.25	30.61	46.36	59.68	68.20	-8.52 peak
5	5737.968	10.73	33.28	30.60	46.12	59.53	68.20	-8.67 peak



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11ax_160M_TX_CH_114_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5570 Band edge

: 5G Wi-Fi 11ax160

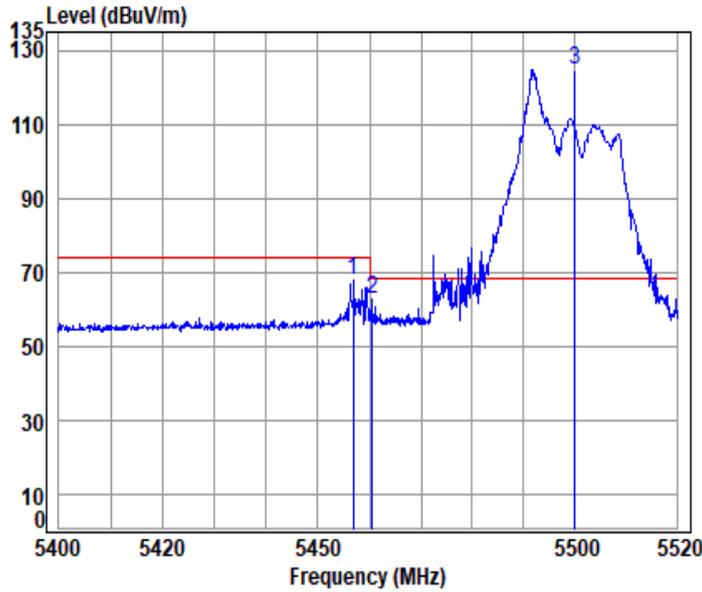
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5456.017	10.60	32.90	30.72	35.11	47.89	54.00	-6.11	Average
2 5460.000	10.60	32.90	30.72	34.64	47.42	54.00	-6.58	Average
3 5570.000	10.46	32.94	30.67	67.16	79.89	-----	-----	Average



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11ax_20M_Partial_RU26_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 RU26

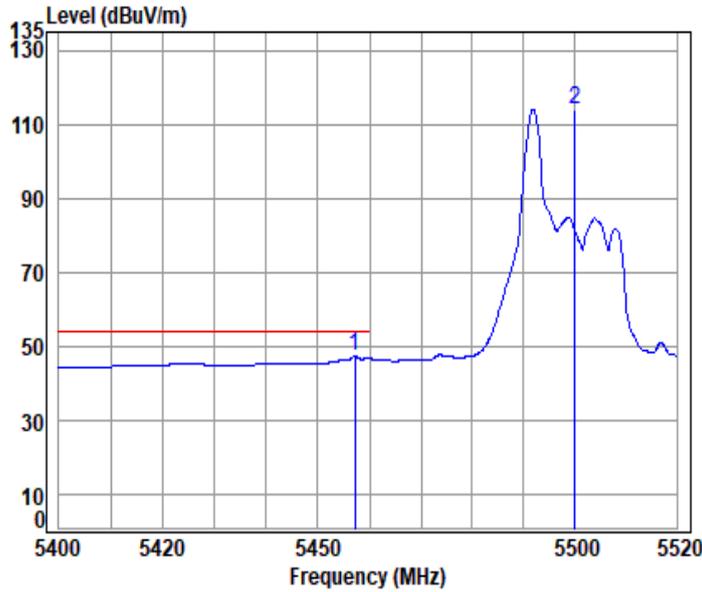
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5456.911	10.60	32.90	30.72	54.72	67.50	74.00	-6.50 peak
2	5460.510	10.60	32.90	30.72	49.60	62.38	68.20	-5.82 peak
3 pp	5500.000	10.58	32.90	30.70	112.17	124.95	68.20	56.75 peak



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11ax_20M_Partial_RU26_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 RU26

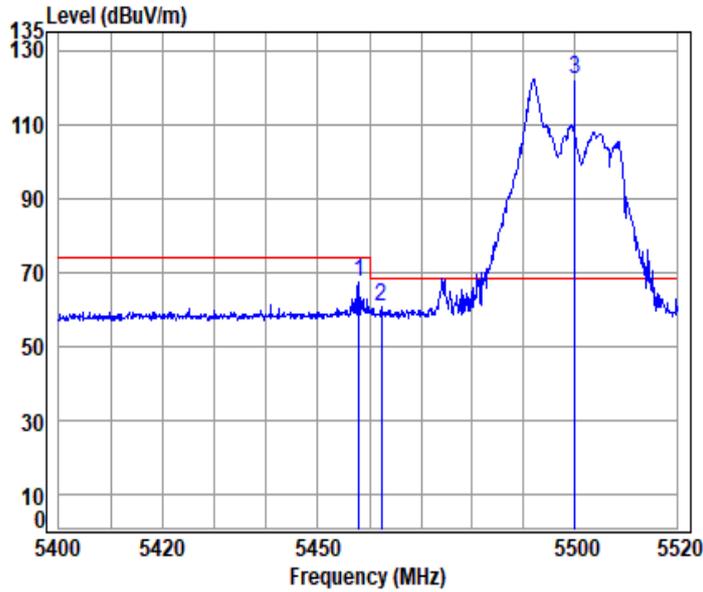
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5457.151	10.60	32.90	30.72	34.33	47.11	54.00	-6.89	Average	
2 5500.000	10.58	32.90	30.70	101.10	113.88	-----	-----	Average	



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11ax_20M_Partial_RU26_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 RU26

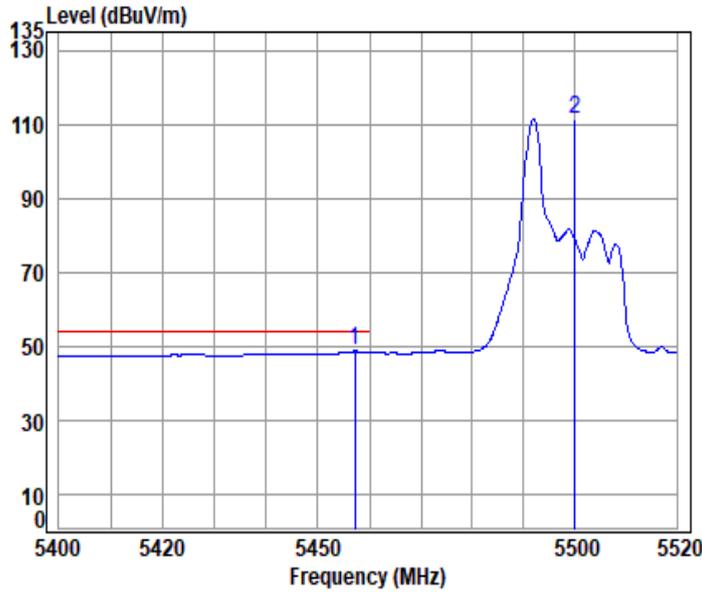
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5457.991	10.60	32.90	30.72	54.24	67.02	74.00	-6.98 peak
2	5462.311	10.60	32.90	30.72	47.63	60.41	68.20	-7.79 peak
3 pp	5500.000	10.58	32.90	30.70	109.57	122.35	68.20	54.15 peak



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11ax_20M_Partial_RU26_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 RU26

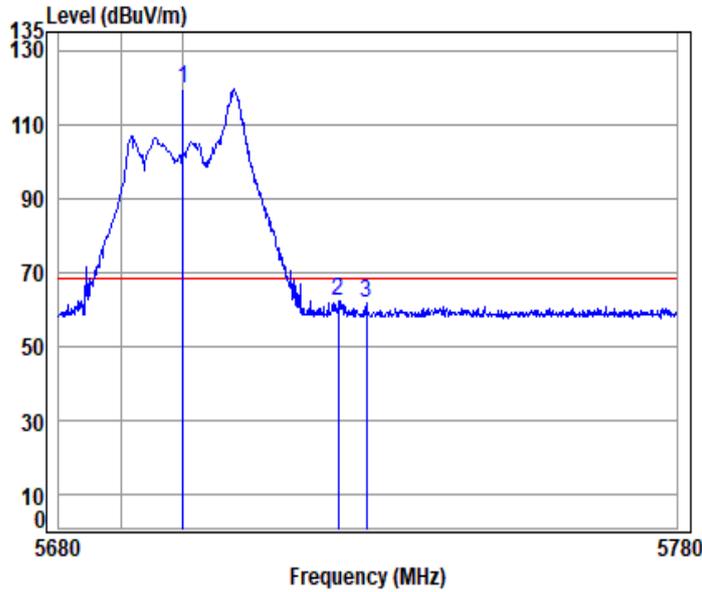
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5457.151	10.60	32.90	30.72	35.78	48.56	54.00	-5.44	Average	
2 5500.000	10.58	32.90	30.70	98.57	111.35	-----	-----	Average	



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11ax_20M_Partial_RU26_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20 RU26

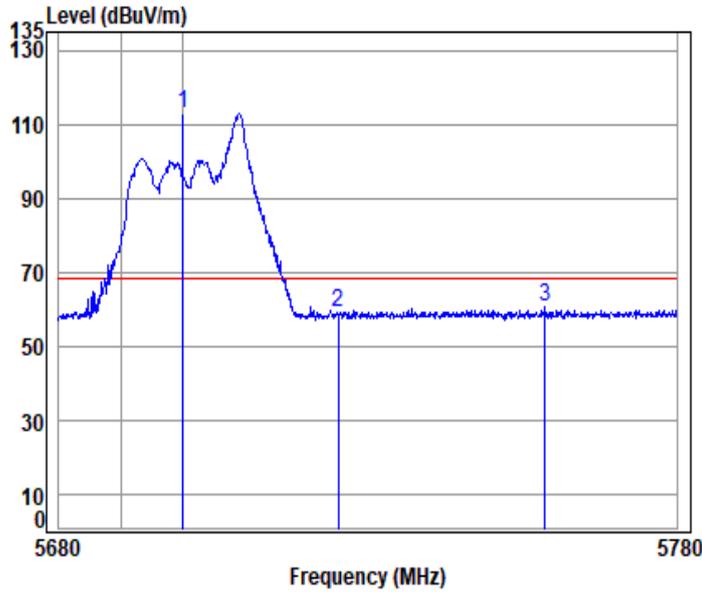
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5700.000	10.56	33.20	30.62	106.32	119.46	68.20	51.26	peak
2 5725.000	10.68	33.25	30.61	48.63	61.95	68.20	-6.25	peak
3 5729.582	10.70	33.26	30.61	48.20	61.55	68.20	-6.65	peak



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11ax_20M_Partial_RU26_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20 RU26

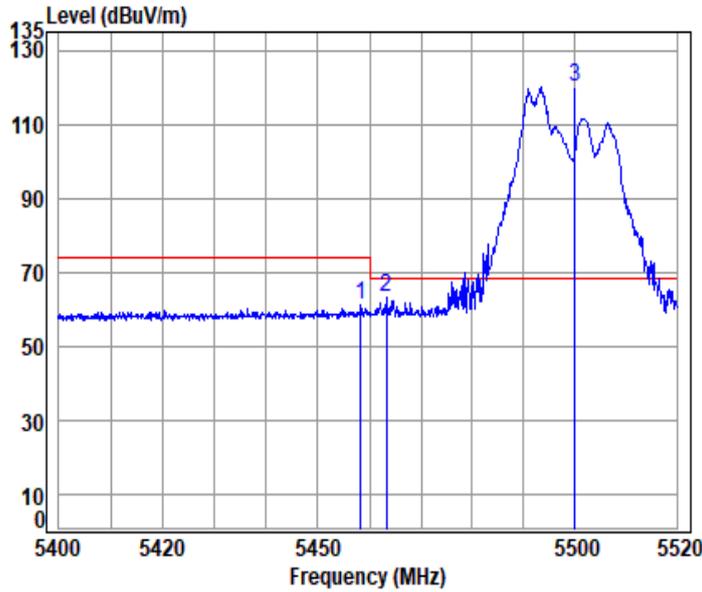
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5700.000	10.56	33.20	30.62	99.82	112.96	68.20	44.76	peak
2 5725.000	10.68	33.25	30.61	45.49	58.81	68.20	-9.39	peak
3 5758.554	10.83	33.32	30.60	47.01	60.56	68.20	-7.64	peak



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11ax_20M_Partial_RU52_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 RU52

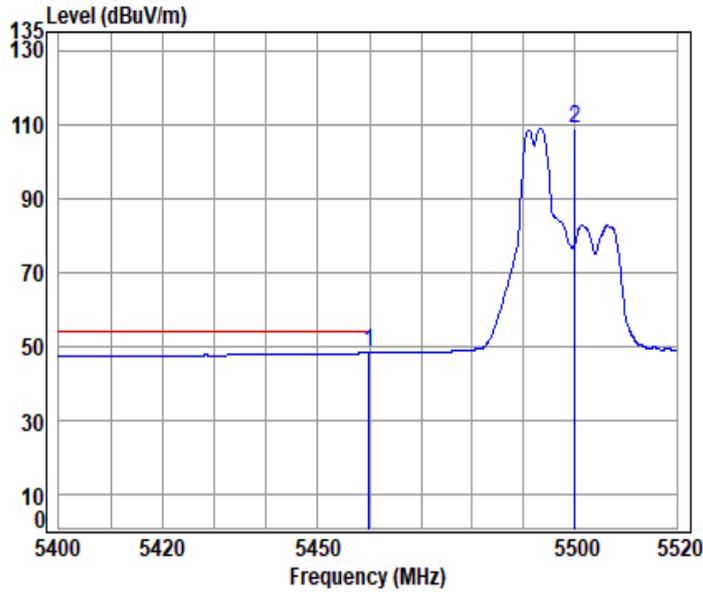
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.351	10.60	32.90	30.72	48.52	61.30	74.00	-12.70 peak
2	5463.271	10.59	32.90	30.71	50.38	63.16	68.20	-5.04 peak
3 pp	5500.000	10.58	32.90	30.70	107.23	120.01	68.20	51.81 peak



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11ax_20M_Partial_RU52_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 RU52

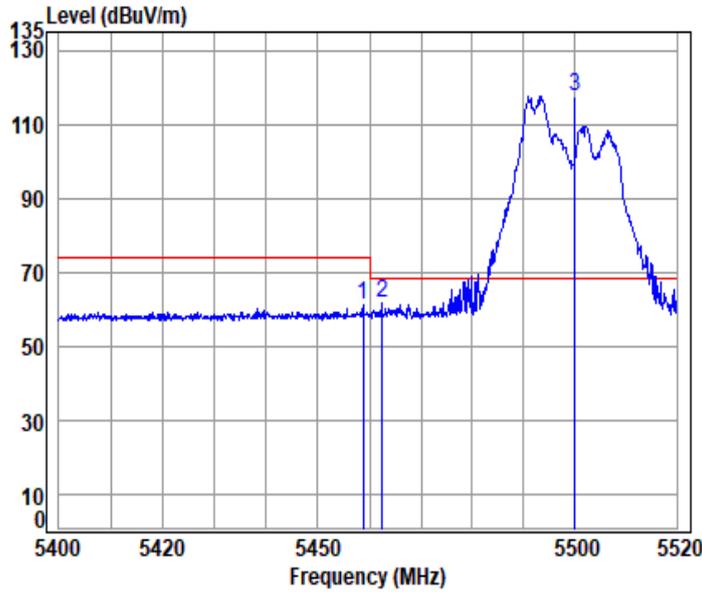
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5459.910	10.60	32.90	30.72	35.30	48.08	54.00	-5.92	Average
2 5500.000	10.58	32.90	30.70	96.25	109.03	-----	-----	Average



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11ax_20M_Partial_RU52_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 RU52

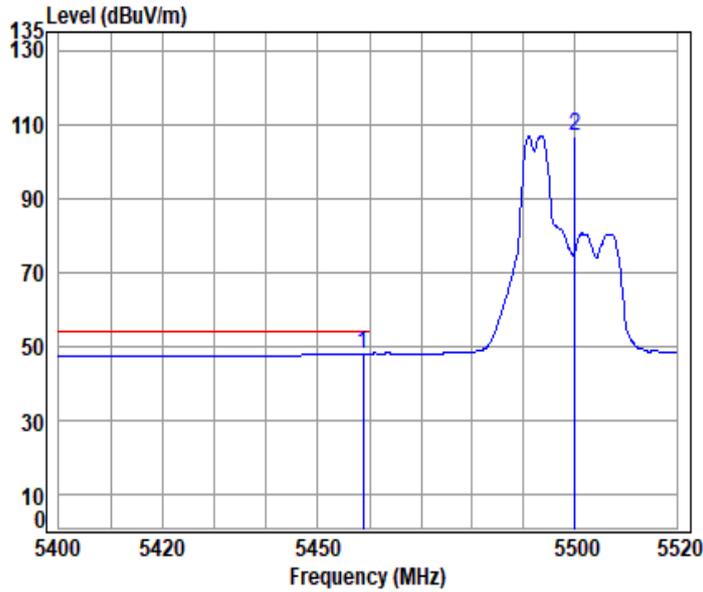
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.710	10.60	32.90	30.72	48.38	61.16	74.00	-12.84 peak
2	5462.431	10.60	32.90	30.72	48.87	61.65	68.20	-6.55 peak
3 pp	5500.000	10.58	32.90	30.70	104.79	117.57	68.20	49.37 peak



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11ax_20M_Partial_RU52_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 RU52

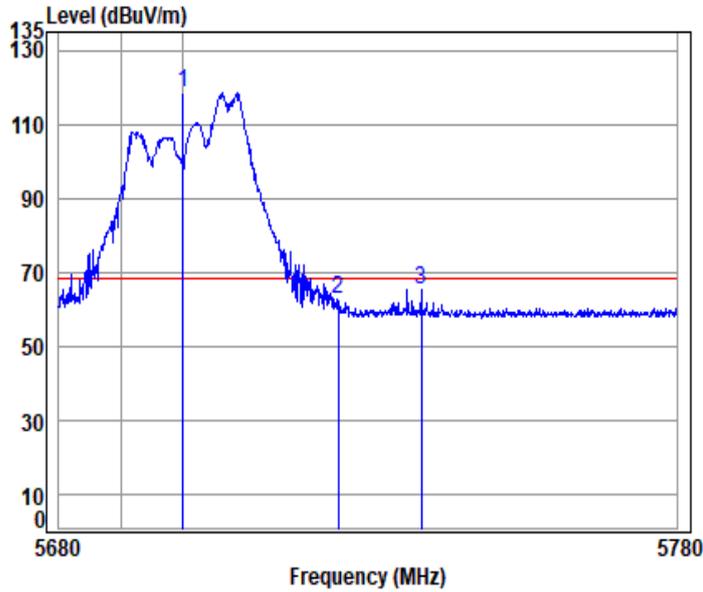
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5458.710	10.60	32.90	30.72	35.07	47.85	54.00	-6.15	Average	
2 5500.000	10.58	32.90	30.70	94.14	106.92	-----	-----	Average	



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11ax_20M_Partial_RU52_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20 RU52

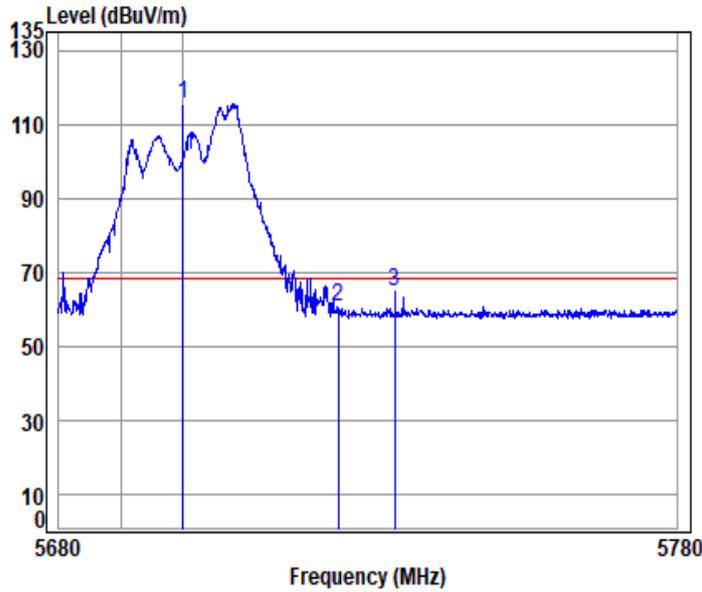
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5700.000	10.56	33.20	30.62	105.63	118.77	68.20	50.57	peak
2 5725.000	10.68	33.25	30.61	49.36	62.68	68.20	-5.52	peak
3 5738.388	10.74	33.28	30.60	51.55	64.97	68.20	-3.23	peak



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11ax_20M_Partial_RU52_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5700 Band edge

: 5G Wi-Fi 11ax20 RU52

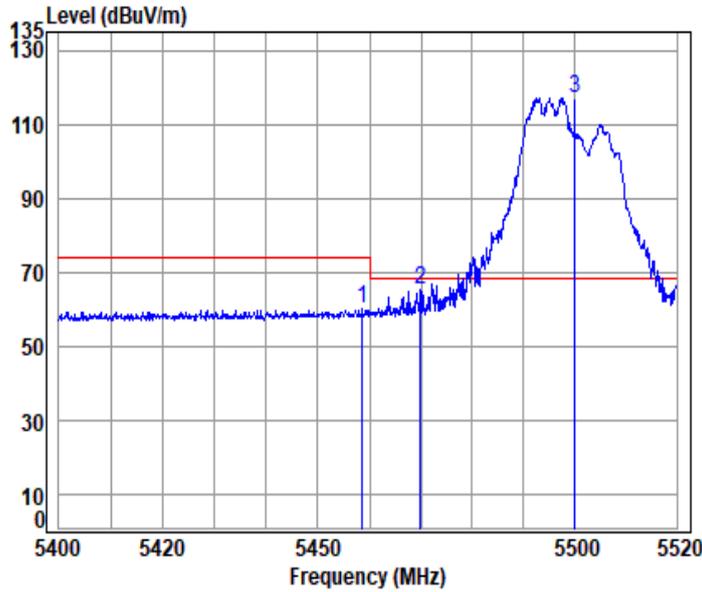
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp 5700.000	10.56	33.20	30.62	102.58	115.72	68.20	47.52	peak
2 5725.000	10.68	33.25	30.61	47.02	60.34	68.20	-7.86	peak
3 5734.184	10.72	33.27	30.61	51.45	64.83	68.20	-3.37	peak



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11ax_20M_Partial_RU106_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 RU106

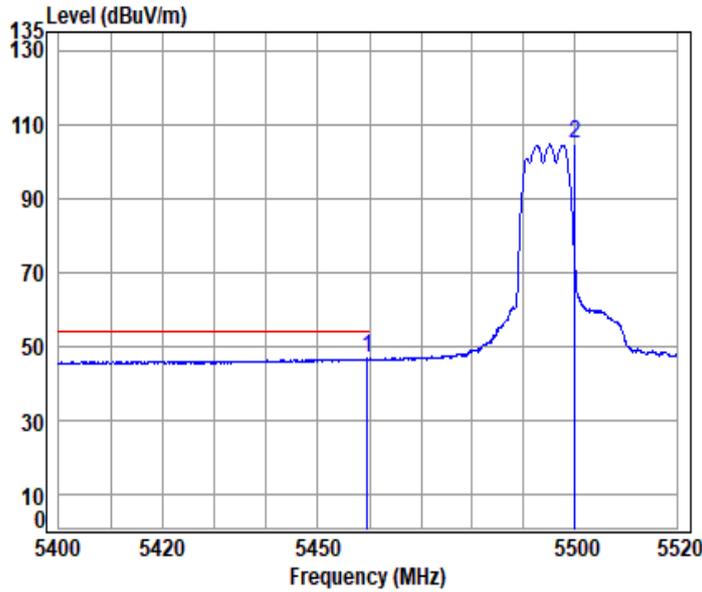
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5458.590	10.60	32.90	30.72	47.19	59.97	74.00	-14.03 peak
2	5469.880	10.59	32.90	30.71	52.37	65.15	68.20	-3.05 peak
3 pp	5500.000	10.58	32.90	30.70	104.51	117.29	68.20	49.09 peak



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11ax_20M_Partial_RU106_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 RU106

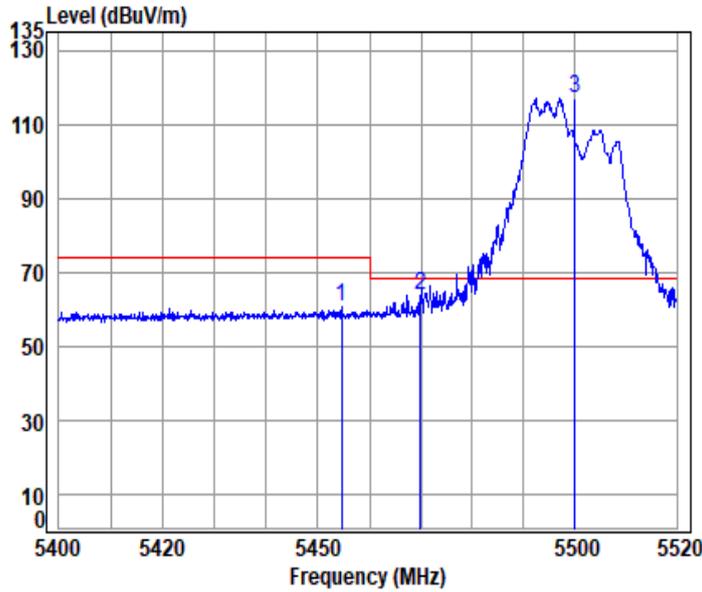
	Cable	Ant	Preamp	Read	Limit	Over			
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1 pp 5459.550	10.60	32.90	30.72	33.70	46.48	54.00	-7.52	Average	
2 5500.000	10.58	32.90	30.70	91.68	104.46	-----	-----	Average	



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11ax_20M_Partial_RU106_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 RU106

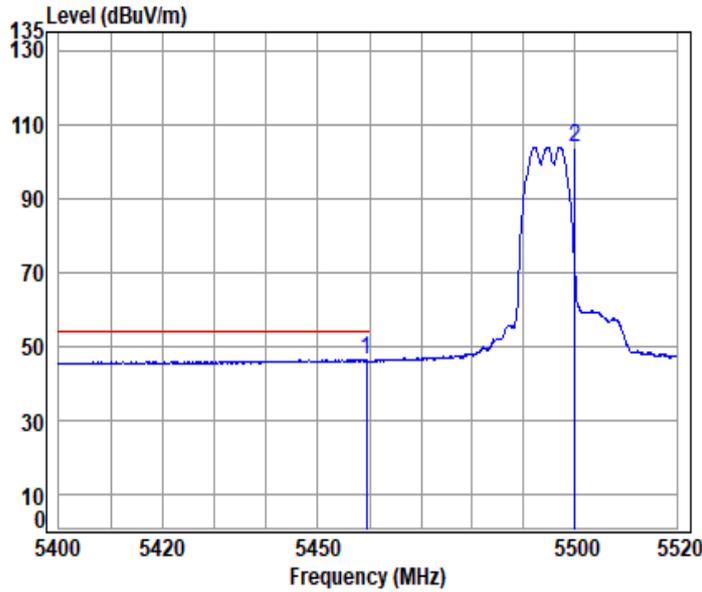
	Cable	Ant	Preamp	Read	Limit	Over		
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5454.633	10.60	32.90	30.72	47.65	60.43	74.00	-13.57 peak
2	5469.880	10.59	32.90	30.71	50.94	63.72	68.20	-4.48 peak
3 pp	5500.000	10.58	32.90	30.70	104.40	117.18	68.20	48.98 peak



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11ax_20M_Partial_RU106_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 01554WM

Mode : 5500 Band edge

: 5G Wi-Fi 11ax20 RU106

	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 pp 5459.430	10.60	32.90	30.72	33.43	46.21	54.00	-7.79	Average	
2 5500.000	10.58	32.90	30.70	91.07	103.85	-----	-----	Average	



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