

TEST REPORT

Application No.: SZCR2412004609WM
Applicant: vivo Mobile Communication Co., Ltd.
Address of Applicant: No.1, vivo Road, Chang'an, Dongguan, Guangdong, China
Manufacturer: vivo Mobile Communication Co., Ltd.
Address of Manufacturer: No.1, vivo Road, Chang'an, Dongguan, Guangdong, China
Equipment Under Test (EUT):
EUT Name: Mobile phone
Model No.: V2427
Trade Mark: vivo
FCC ID: 2AUCY-V2427
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2024-12-06
Date of Test: 2024-12-28 to 2025-01-04
Date of Issue: 2025-01-10

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

Kenx. Xu

Keny Xu
EMC Laboratory Manager



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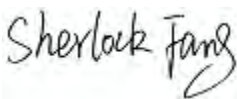
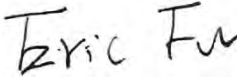


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SZEMC-TRF-01 Rev. A/1

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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-01-10		Original

Authorized for issue by:				
				
		Sherlock Fang/Project Engineer		
				
		Eric Fu/Reviewer		



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2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart E 15.407	N/A	47 CFR Part 15, Subpart C 15.203	Pass
Transmission in the Absence of Data		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)	N/A
Non-occupancy period		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass



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4 General Information

4.1 Details of E.U.T.

EUT Description:	Mobile phone	
Model No.:	V2427	
Trade Mark:	vivo	
Hardware Version:	MP_0.1	
Software Version:	PD2437JF_EX_A_15.0.8.0.W30	
Power Supply:	DC 3.84V from internal rechargeable battery which can be charged by AC/DC 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:	PIFA Antenna	
Antenna Gain:	5150MHz to 5250MHz: -0.50dBi(Ant21); 1.36dBi(Ant23); 5250MHz to 5350MHz: -1.19dBi(Ant21); 0.68dBi(Ant23); 5470MHz to 5725MHz: 1.20dBi(Ant21); 1.30dBi(Ant23); 5725MHz to 5850MHz: 1.10dBi(Ant21); 1.24dBi(Ant23);	
	Note: The antenna gain are derived from the gain information report provided by the manufacturer.	
Smart System:	☐ SISO	802.11a/n/ac/ax
	☒ MIMO	802.11a/n/ac/ax: 2Tx & 2Rx



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	☒ Diversity	CDD:802.11a: 2Tx & 2Rx
TPC Function:	☐ Support, ☒ Not Support	
DFS Function:	☐ Master	
	☐ Slave with radar detection	☒ Slave without radar detection
RF Cable:	4900MHz ~ 5250MHz(1.6dB)	5250MHz ~ 5350MHz(1.7dB)
	5470MHz ~ 5725MHz(1.8dB)	5725MHz ~ 5850MHz (2dB)
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4.2 Environment Parameter

Environment Parameter	1020 mbar Selected Values During Tests	
Relative Humidity	37.9-50.9 % RH Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	22.5~24.5	3.84
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		

4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.	FCC ID
Router	NETGEAR	R7800	SZ-WRG-A-072	PY315100319



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4.4 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	$\pm 3.1\text{dB}$
Maximum Conducted output power	$\pm 0.75\text{dB}$
Radiated Emissions (Below 1GHz)	$\pm 6.0\text{dB}$ for 3m; $\pm 5.0\text{dB}$ for 10m
Radiated Emissions (Above 1GHz)	$\pm 4.6\text{dB}$ (1-18GHz); $\pm 4.8\text{dB}$ (18-40GHz)
Radiated Emissions which fall in the restricted bands	$\pm 6.0\text{dB}$ (below 1GHz); $\pm 4.6\text{dB}$ (above 1GHz);
Duty Cycle	$\pm 0.37\%$
99% Bandwidth	$\pm 3\%$
26dB Emission bandwidth	$\pm 3\%$
Minimum 6 dB bandwidth (5.725-5.85 GHz band)	$\pm 3\%$
Peak Power spectrum density	$\pm 2.84\text{dB}$
Frequency Stability	$\pm 7.25 \times 10^{-8}$
Remark: The U_{lab} (lab Uncertainty) is less than $U_{\text{CISPR/ETSI}}$ (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.	

4.5 Test Location

All tests were performed at:

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

No tests were sub-contracted.

4.6 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



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5 Equipment List

Conducted Emissions at AC Power Line (150kHz-30MHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2022-05-14	2025-05-13
EMI Test Receiver	Rohde&Schwarz	ESR	SZ-WRG-M-047	2024-01-30	2025-01-29
Matching Pad	N/A	N/A	SEM021-23	2024-03-20	2025-03-19
Matching Pad	N/A	N/A	SEM021-24	2024-03-20	2025-03-19
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	2024-03-14	2025-03-13

Maximum Conducted output power					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Power Sensor	TST PASS	TSPS2023R	SEM009-26	2024-03-27	2025-03-26
Power Sensor	KEYSIGHT	U2021XA	SEM009-16	2024-03-14	2025-03-13
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2024-08-14	2025-08-13
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2024-03-14	2025-03-13
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	2024-03-27	2025-03-26
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2024-03-19	2025-03-18

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	2024-03-14	2025-03-13
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



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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	2024-01-30	2025-01-29
Low Noise Amplifier 1G-18GHz	Tonscend	TAP01018050	SZ-WRG-M-051	2024-01-30	2025-01-29
Low Noise Amplifier 18G-40GHz	Tonscend	TAP18040048	SZ-WRG-M-052	2024-01-30	2025-01-29
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	2022-01-05	2025-01-04
Humidity and Temperature Indicator	deli	8838	SEM002-46	2024-07-24	2025-07-23

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	2024-01-30	2025-01-29
Low Noise Amplifier 30M-8GHz	Tonscend	TAP30M8G30	SZ-WRG-M-050	2024-01-30	2025-01-29
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	2022-01-05	2025-01-04
Humidity and Temperature Indicator	deli	8838	SEM002-46	2024-07-24	2025-07-23



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Channel Move Time					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Manual Step Attenuator	KEYSIGHT	8494B	SEM021-05	2024-03-27	2025-03-26
Manual Step Attenuator	KEYSIGHT	8496B	SEM021-06	2024-03-27	2025-03-26
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	2024-03-27	2025-03-26
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-22	2024-03-14	2025-03-13

RF Conducted Test					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2024-08-14	2025-08-13
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2024-03-14	2025-03-13
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	2024-03-27	2025-03-26
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2024-03-19	2025-03-18

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	2024-03-18	2025-03-17



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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 PIFA antenna, and the connection port is integrated into the product. The antenna cannot be replaced.

5150MHz to 5250MHz: -0.50dBi(Ant21); 1.36dBi(Ant23);*

5250MHz to 5350MHz: -1.19dBi(Ant21); 0.68dBi(Ant23);*

5470MHz to 5725MHz: 1.20dBi(Ant21); 1.30dBi(Ant23); *

5725MHz to 5850MHz: 1.10dBi(Ant21); 1.24dBi(Ant23); *

*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

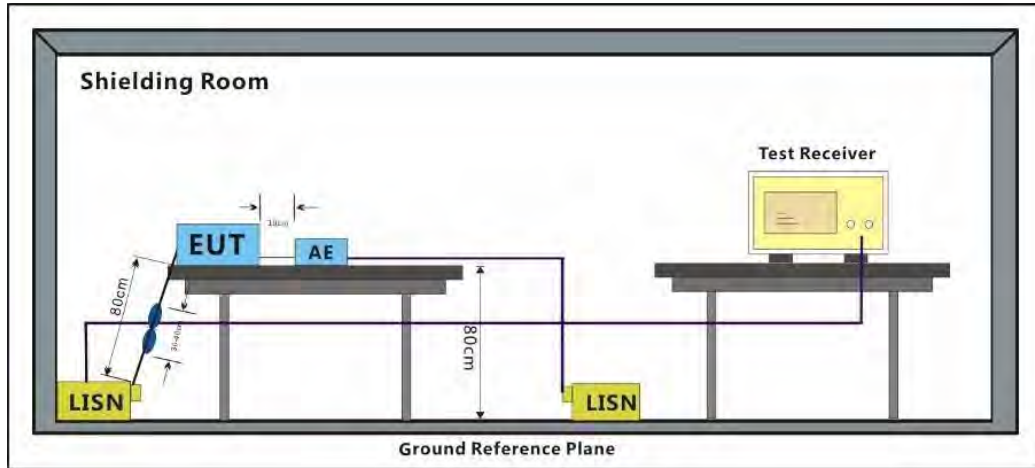
Operating Environment:

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	14	Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	15	Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	16	Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	17	Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram

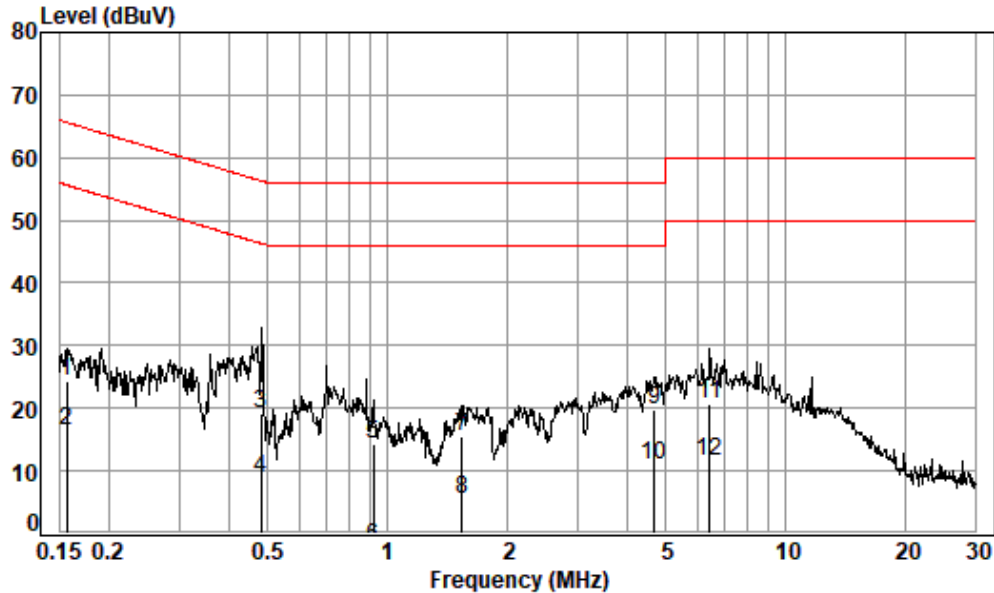


7.1.4 Measurement Procedure and Data

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

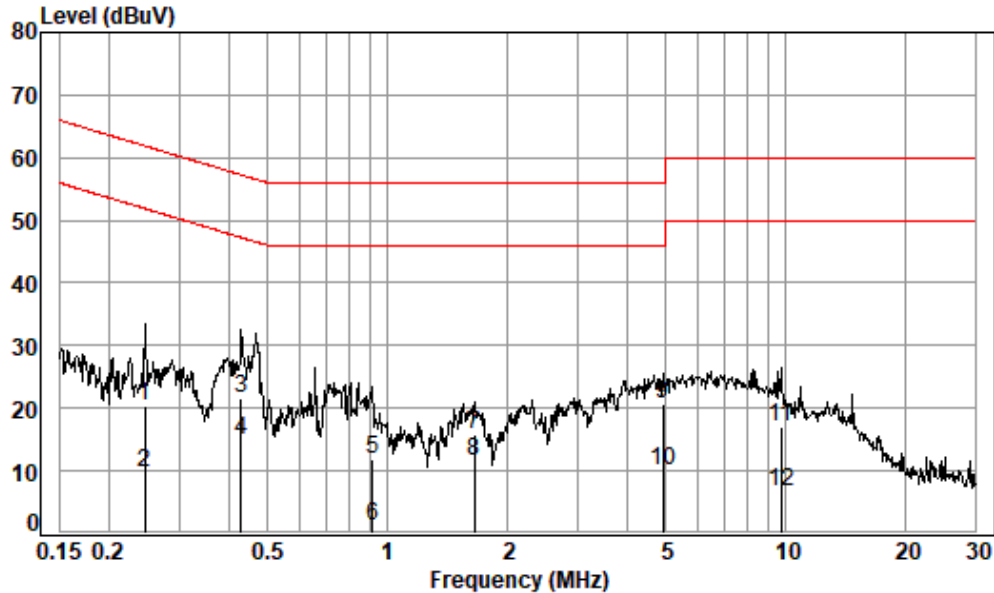
Test Mode: 14; Line: Live line



Site : Shielding Room
Condition: Line
Job No. : 04609WM
Test mode: 14

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1573	0.06	10.18	14.19	24.43	65.60	-41.17	QP
2	0.1573	0.06	10.18	6.17	16.41	55.60	-39.19	Average
3	0.4812	0.08	9.56	9.61	19.25	56.32	-37.07	QP
4	0.4812	0.08	9.56	-0.75	8.89	46.32	-37.43	Average
5	0.9233	0.09	9.60	4.50	14.19	56.00	-41.81	QP
6	0.9233	0.09	9.60	-11.71	-2.02	46.00	-48.02	Average
7	1.5355	0.10	9.58	5.98	15.66	56.00	-40.34	QP
8	1.5355	0.10	9.58	-4.17	5.51	46.00	-40.49	Average
9 *	4.6715	0.12	9.66	9.99	19.77	56.00	-36.23	QP
10 *	4.6715	0.12	9.66	1.24	11.02	46.00	-34.98	Average
11	6.4198	0.15	9.67	10.99	20.81	60.00	-39.19	QP
12	6.4198	0.15	9.67	1.78	11.60	50.00	-38.40	Average

Test Mode: 14; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 04609WM
Test mode: 14

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.2468	0.07	9.92	10.42	20.41	61.86	-41.45	QP
2	0.2468	0.07	9.92	-0.32	9.67	51.86	-42.19	Average
3	0.4305	0.08	9.73	11.91	21.72	57.24	-35.52	QP
4 *	0.4305	0.08	9.73	5.18	14.99	47.24	-32.25	Average
5	0.9184	0.09	9.57	2.31	11.97	56.00	-44.03	QP
6	0.9184	0.09	9.57	-8.32	1.34	46.00	-44.66	Average
7	1.6537	0.10	9.55	6.18	15.83	56.00	-40.17	QP
8	1.6537	0.10	9.55	2.01	11.66	46.00	-34.34	Average
9 *	4.8997	0.12	9.56	11.08	20.76	56.00	-35.24	QP
10	4.8997	0.12	9.56	0.40	10.08	46.00	-35.92	Average
11	9.7051	0.20	9.59	7.23	17.02	60.00	-42.98	QP
12	9.7051	0.20	9.59	-3.05	6.74	50.00	-43.26	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:

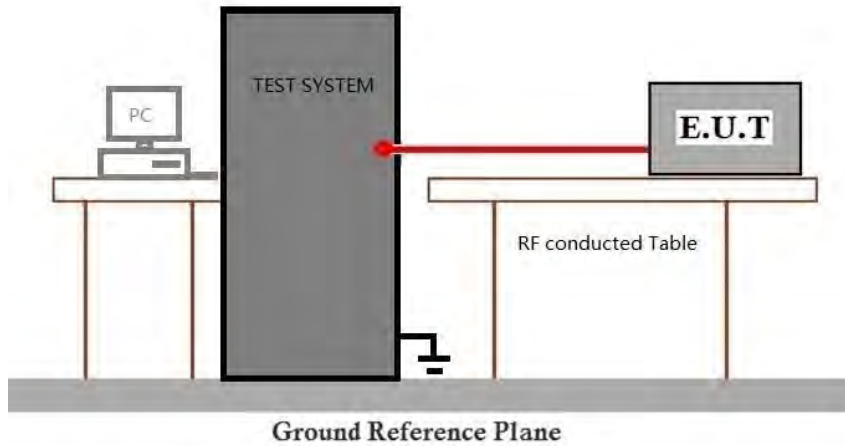
Temperature: 23.0 °C Humidity: 37.9 % RH Atmospheric Pressure: 1020 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	11	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.



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

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: 23.6 °C

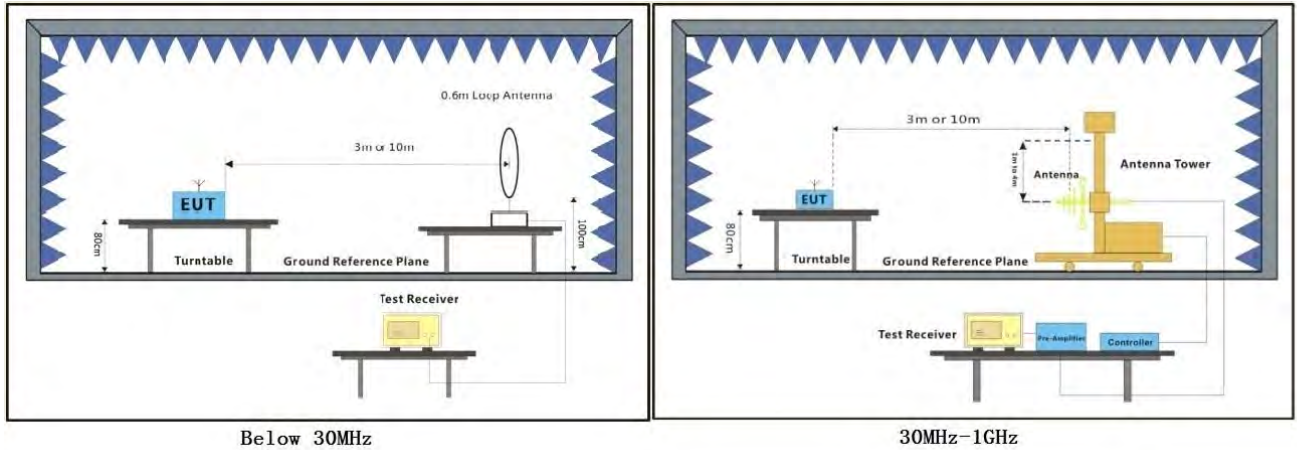
Humidity: 50.9 % RH

Atmospheric Pressure: 1020 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	14	Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	15	Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	16	Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	17	Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

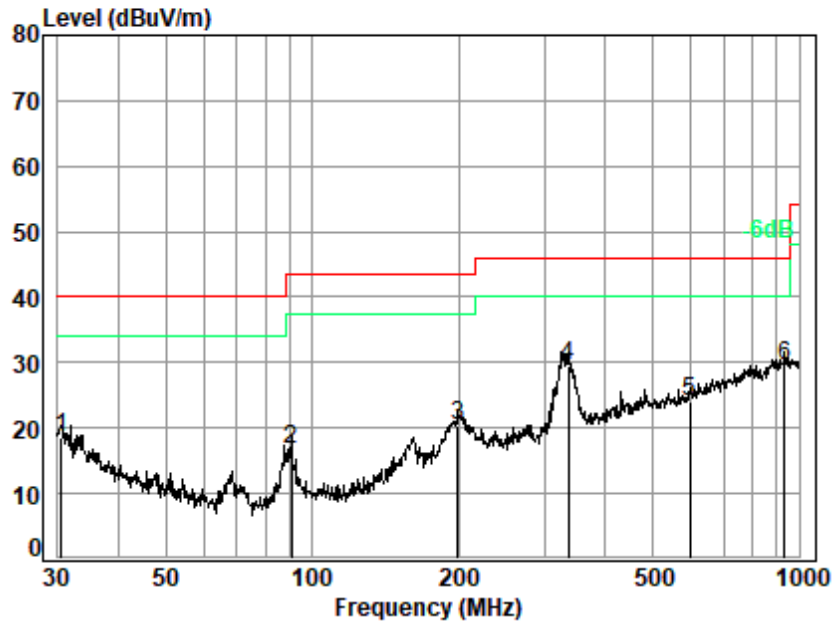
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, 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.
4. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.



Test Mode: 14; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 04609AT
Test Mode: 14

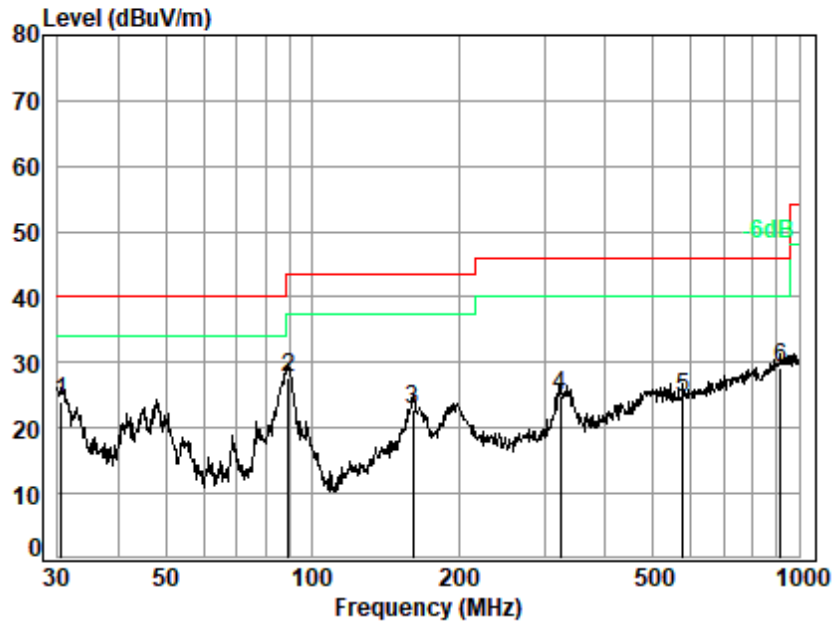
	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	30.531	20.95	0.68	27.79	24.64	18.48	40.00	-21.52 QP
2	90.537	11.77	1.16	27.62	31.49	16.80	43.50	-26.70 QP
3	199.286	14.08	1.76	27.17	31.72	20.39	43.50	-23.11 QP
4 q	336.035	18.88	2.35	26.90	35.31	29.64	46.00	-16.36 QP
5	597.223	24.44	3.23	27.96	24.40	24.11	46.00	-21.89 QP
6	935.546	28.18	4.22	26.51	23.68	29.57	46.00	-16.43 QP



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Test Mode: 14; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 04609AT
Test Mode: 14

		Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	30.531	20.95	0.68	27.79	30.25	24.09	40.00	-15.91	QP
2 q	89.276	11.65	1.16	27.62	42.48	27.67	43.50	-15.83	QP
3	160.909	13.53	1.59	27.33	35.04	22.83	43.50	-20.67	QP
4	323.320	18.58	2.30	26.84	30.83	24.87	46.00	-21.13	QP
5	576.644	23.84	3.17	27.88	25.63	24.76	46.00	-21.24	QP
6	916.069	28.06	4.16	26.65	23.69	29.26	46.00	-16.74	QP

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: 50.9 % RH

Atmospheric Pressure: 1020 mbar



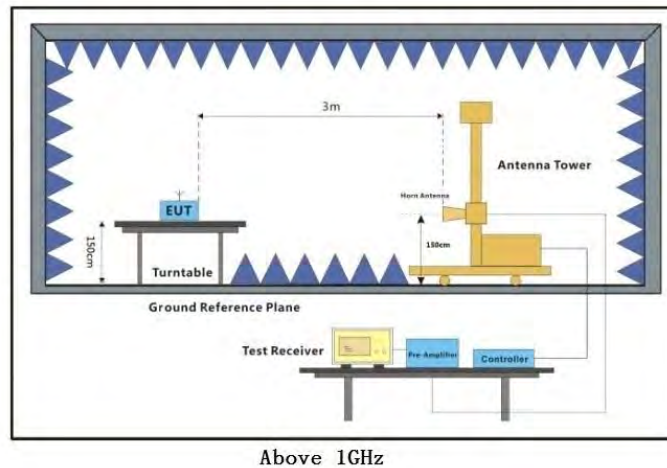
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 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	14	Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	15	Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	16	Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	17	Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

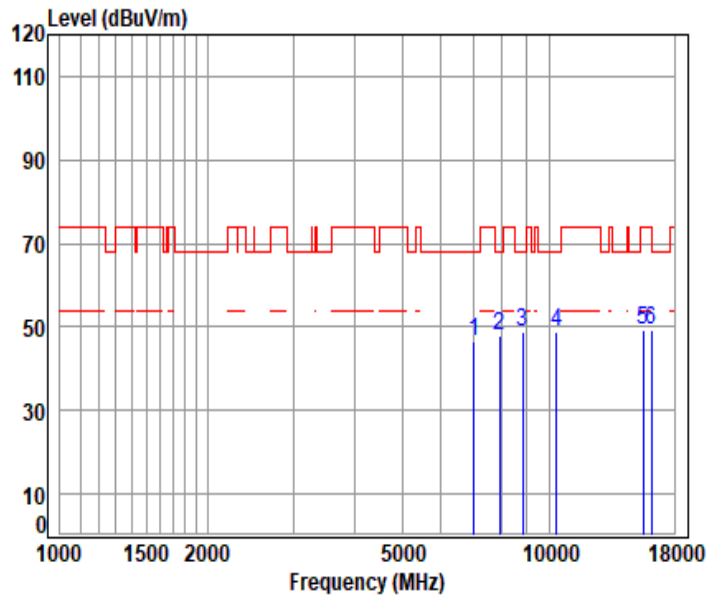
- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which 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 : 04609WM

Mode : 5180 TX RSE

: 5G WIFI 11A

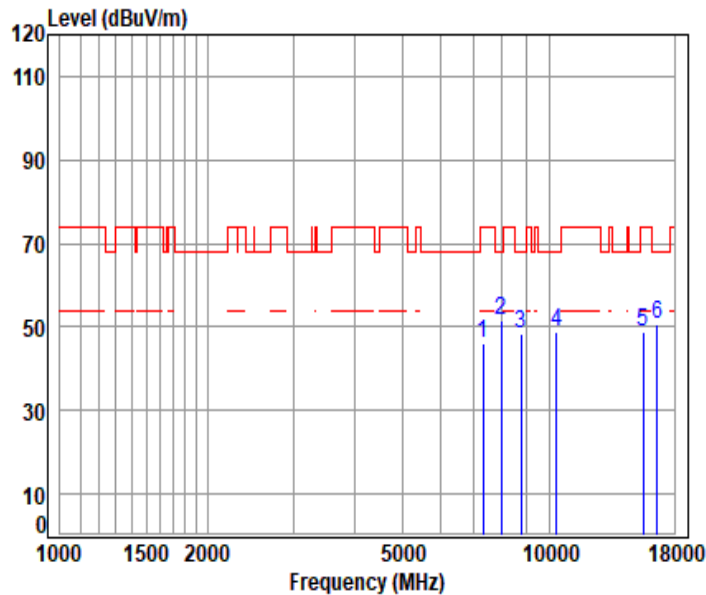
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7008.869	11.42	36.22	56.69	55.81	46.76	68.20	-21.44	peak
2	7912.043	11.54	37.62	55.97	54.82	48.01	68.20	-20.19	peak
3	8832.090	12.24	38.50	55.15	53.44	49.03	68.20	-19.17	peak
4	10360.000	13.60	39.00	53.88	50.10	48.82	68.20	-19.38	peak
5	15540.000	17.00	38.56	54.14	47.75	49.17	74.00	-24.83	peak
6	16141.360	17.12	38.50	54.04	47.60	49.18	74.00	-24.82	peak



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11a_TX_CH_36_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

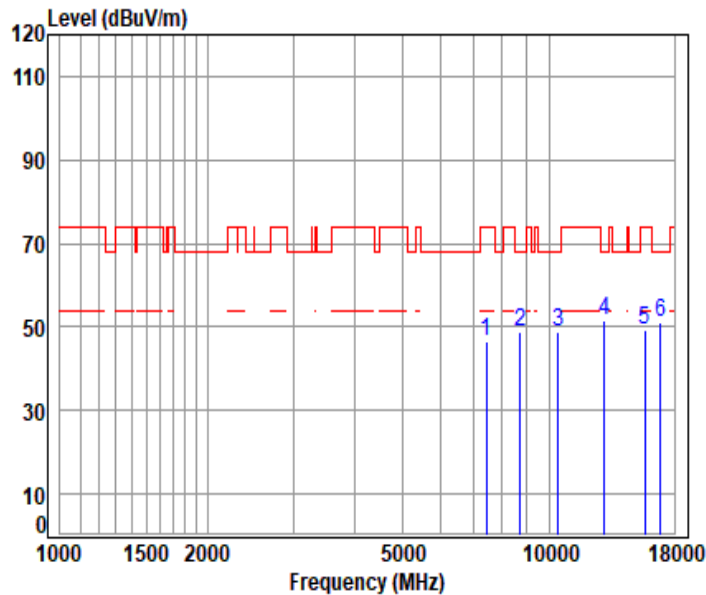
Mode : 5180 TX RSE

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7330.131	11.51	36.76	56.44	54.38	46.21	74.00	-27.79	peak
2	pp 7984.908	11.56	37.77	55.91	58.32	51.74	68.20	-16.46	peak
3	8751.494	12.17	38.50	55.22	52.96	48.41	68.20	-19.79	peak
4	10360.000	13.60	39.00	53.88	50.03	48.75	68.20	-19.45	peak
5	15540.000	17.00	38.56	54.14	47.57	48.99	74.00	-25.01	peak
6	16608.340	17.64	39.22	54.18	47.91	50.59	68.20	-17.61	peak



11a_TX_CH_44_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

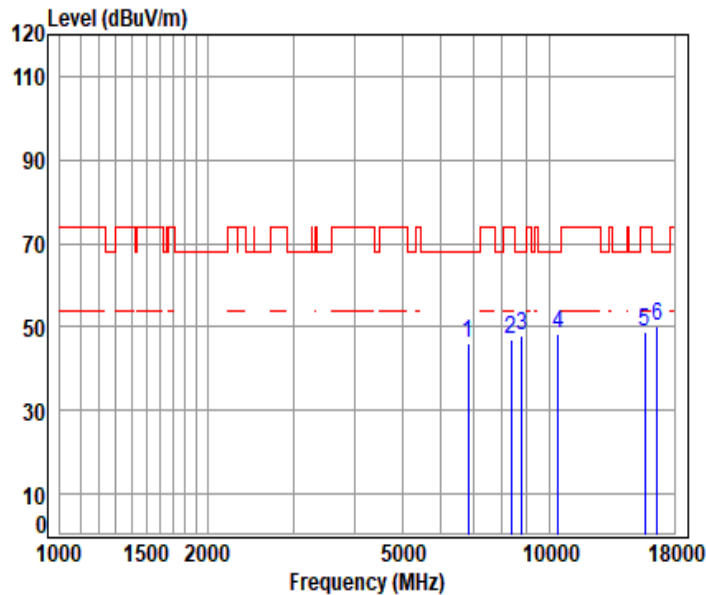
Mode : 5220 TX RSE

: 5G WIFI 11A

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7427.838	11.42	36.76	56.36	54.79	46.61	74.00	-27.39 peak
2	8707.038	12.10	38.59	55.26	53.27	48.70	68.20	-19.50 peak
3	10440.000	13.63	39.04	53.84	49.85	48.68	68.20	-19.52 peak
4	pp12966.800	15.86	40.33	54.48	49.80	51.51	68.20	-16.69 Peak
5	15660.000	17.23	38.56	54.10	47.77	49.46	74.00	-24.54 peak
6	16881.220	18.04	39.60	54.26	47.60	50.98	68.20	-17.22 peak



11a_TX_CH_44_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

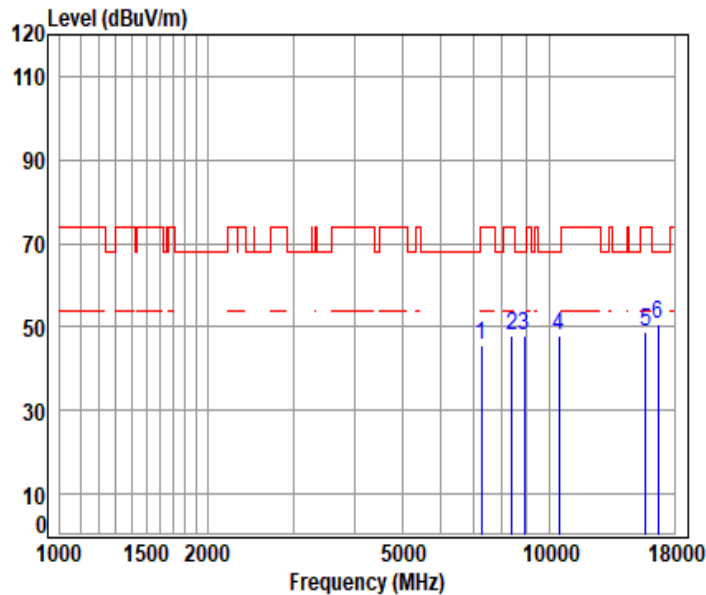
Mode : 5220 TX RSE

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6839.609	11.37	35.98	56.73	55.25	45.87	68.20	-22.33	peak
2	8367.938	11.67	38.66	55.57	52.40	47.16	74.00	-26.84	peak
3	8787.224	12.23	38.50	55.19	52.42	47.96	68.20	-20.24	peak
4	10440.000	13.63	39.04	53.84	49.54	48.37	68.20	-19.83	peak
5	15660.000	17.23	38.56	54.10	46.97	48.66	74.00	-25.34	peak
6	pp16591.430	17.66	39.17	54.18	47.77	50.42	68.20	-17.78	peak



11a_TX_CH_48_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

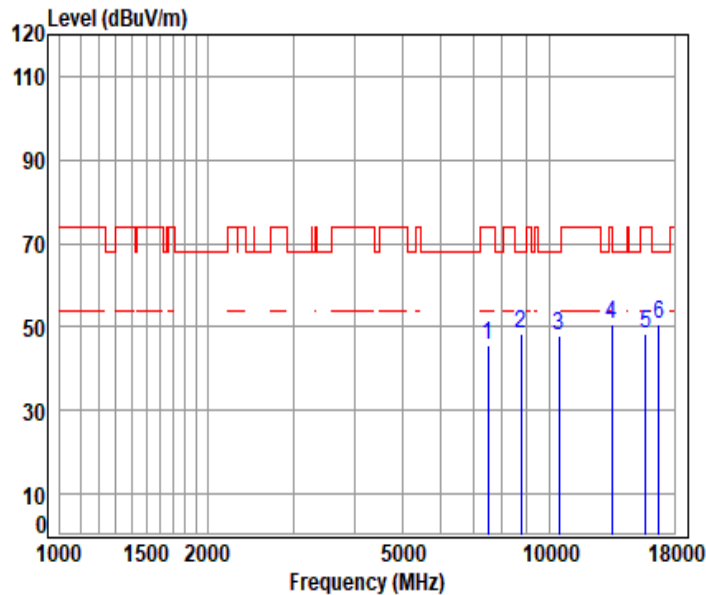
Mode : 5240 TX RSE

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7270.644	11.51	36.64	56.48	53.80	45.47	74.00	-28.53	peak
2	8385.002	11.65	38.63	55.55	53.14	47.87	74.00	-26.13	peak
3	8904.353	12.22	38.59	55.09	52.30	48.02	68.20	-20.18	peak
4	10480.000	13.64	39.08	53.81	48.97	47.88	68.20	-20.32	peak
5	15720.000	17.22	38.58	54.08	47.30	49.02	74.00	-24.98	peak
6	pp16676.140	17.60	39.35	54.20	48.04	50.79	68.20	-17.41	peak



11a_TX_CH_48_Veritical



Condition: 3m VERTICAL

Job No : 04609WM

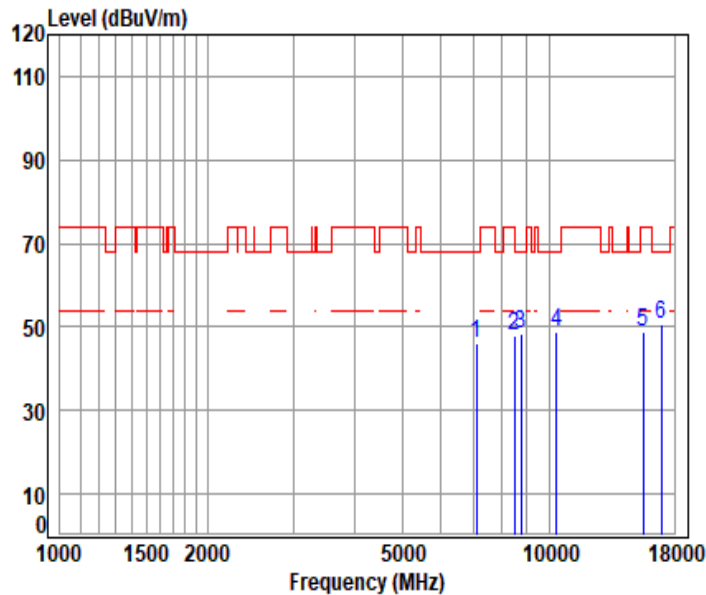
Mode : 5240 TX RSE

: 5G WIFI 11A

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7496.243	11.24	36.80	56.30	53.88	45.62	74.00	-28.38 peak
2	8742.585	12.16	38.51	55.23	52.98	48.42	68.20	-19.78 peak
3	10480.000	13.64	39.08	53.81	49.13	48.04	68.20	-20.16 peak
4	13437.410	15.87	40.23	54.46	48.83	50.47	68.20	-17.73 Peak
5	15720.000	17.22	38.58	54.08	46.60	48.32	74.00	-25.68 peak
6	pp16727.180	17.55	39.45	54.22	47.99	50.77	68.20	-17.43 peak



11ax_20M_TX_CH_36_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5180 TX RSE

: 5G WIFI 11AX20 MIMO

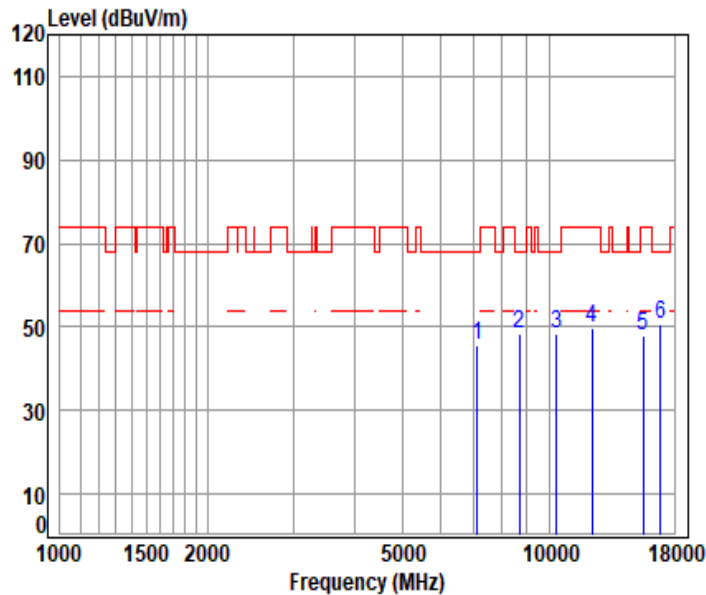
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7102.293	11.98	36.40	56.62	54.51	46.27	68.20	-21.93	peak
2	8479.478	12.17	38.34	55.47	52.77	47.81	74.00	-26.19	peak
3	8742.585	12.16	38.51	55.23	52.83	48.27	68.20	-19.93	peak
4	10360.000	13.60	39.00	53.88	50.00	48.72	68.20	-19.48	peak
5	15540.000	17.00	38.56	54.14	47.43	48.85	74.00	-25.15	peak
6	pp16932.880	18.14	39.63	54.28	47.22	50.71	68.20	-17.49	peak



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11ax_20M_TX_CH_36_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

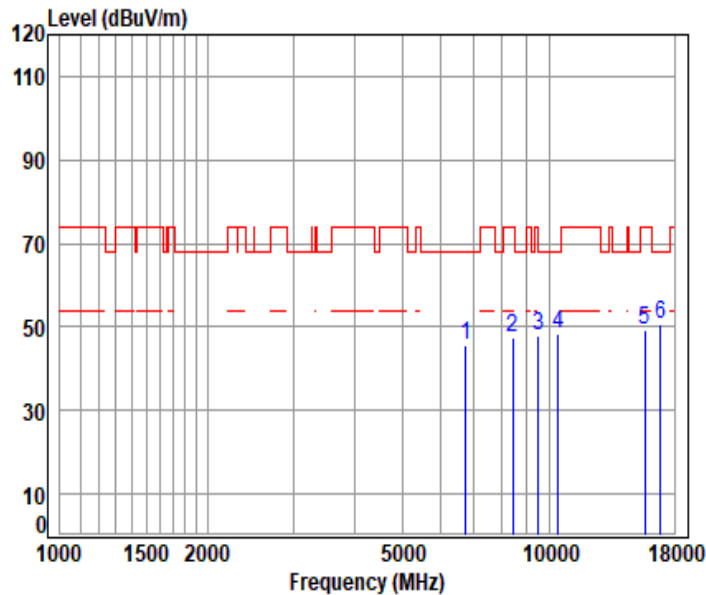
Mode : 5180 TX RSE

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	54.02	45.75	68.20	-22.45	peak
2	8671.635	12.05	38.49	55.30	53.28	48.52	68.20	-19.68	peak
3	10360.000	13.60	39.00	53.88	49.80	48.52	68.20	-19.68	peak
4	12247.880	14.67	39.85	53.97	49.39	49.94	74.00	-24.06	Peak
5	15540.000	17.00	38.56	54.14	46.58	48.00	74.00	-26.00	peak
6	pp16881.220	18.04	39.60	54.26	47.19	50.57	68.20	-17.63	peak



11ax_20M_TX_CH_44_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

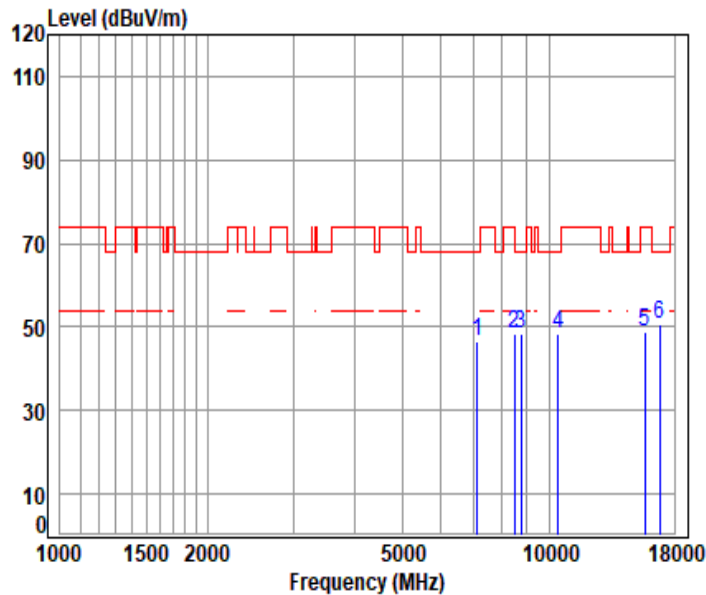
Mode : 5220 TX RSE

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6735.905	11.40	35.62	56.75	55.26	45.53	68.20	-22.67	peak
2	8410.663	11.70	38.56	55.53	52.83	47.56	74.00	-26.44	peak
3	9494.476	12.55	38.89	54.55	50.90	47.79	74.00	-26.21	peak
4	10440.000	13.63	39.04	53.84	49.76	48.59	68.20	-19.61	peak
5	15660.000	17.23	38.56	54.10	47.66	49.35	74.00	-24.65	peak
6	16864.040	17.92	39.60	54.26	47.22	50.48	68.20	-17.72	peak



11ax_20M_TX_CH_44_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5220 TX RSE

: 5G WIFI 11AX20 MIMO

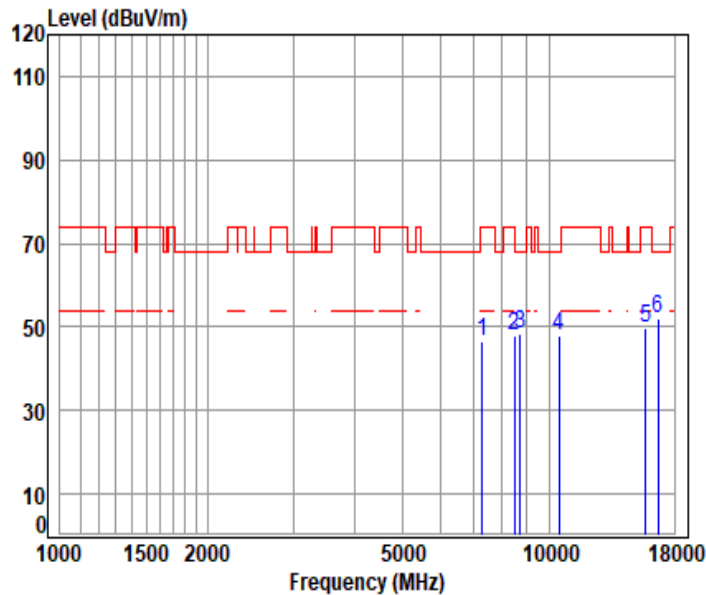
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7116.776	11.91	36.43	56.61	54.63	46.36	68.20	-21.84	peak
2	8496.769	12.29	38.31	55.45	53.11	48.26	74.00	-25.74	peak
3	8742.585	12.16	38.51	55.23	53.15	48.59	68.20	-19.61	peak
4	10440.000	13.63	39.04	53.84	49.44	48.27	68.20	-19.93	peak
5	15660.000	17.23	38.56	54.10	47.26	48.95	74.00	-25.05	peak
6	pp16795.470	17.47	39.59	54.24	47.78	50.60	68.20	-17.60	peak



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11ax_20M_TX_CH_48_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

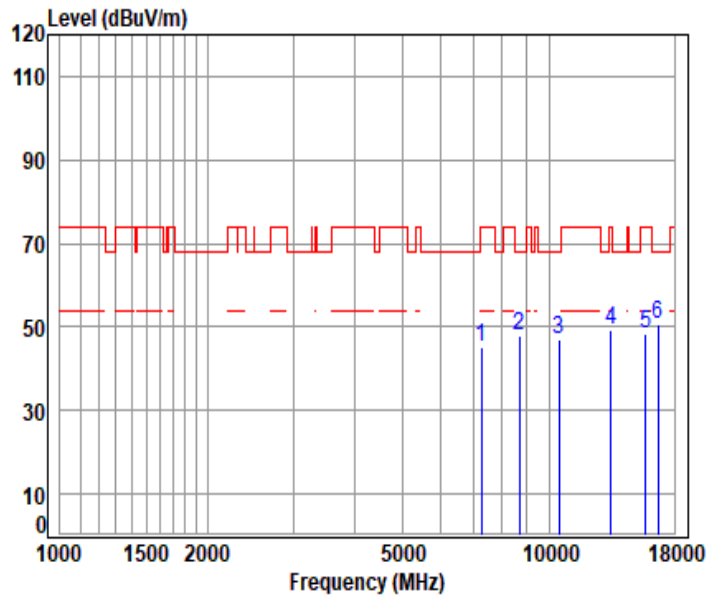
Mode : 5240 TX RSE

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	54.90	46.61	74.00	-27.39	peak
2	8470.845	12.11	38.36	55.48	53.02	48.01	74.00	-25.99	peak
3	8707.038	12.10	38.59	55.26	53.01	48.44	68.20	-19.76	peak
4	10480.000	13.64	39.08	53.81	48.96	47.87	68.20	-20.33	peak
5	15720.000	17.22	38.58	54.08	47.86	49.58	74.00	-24.42	peak
6	pp16676.140	17.60	39.35	54.20	49.31	52.06	68.20	-16.14	peak



11ax_20M_TX_CH_48_Verical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5240 TX RSE

: 5G WIFI 11AX20 MIMO

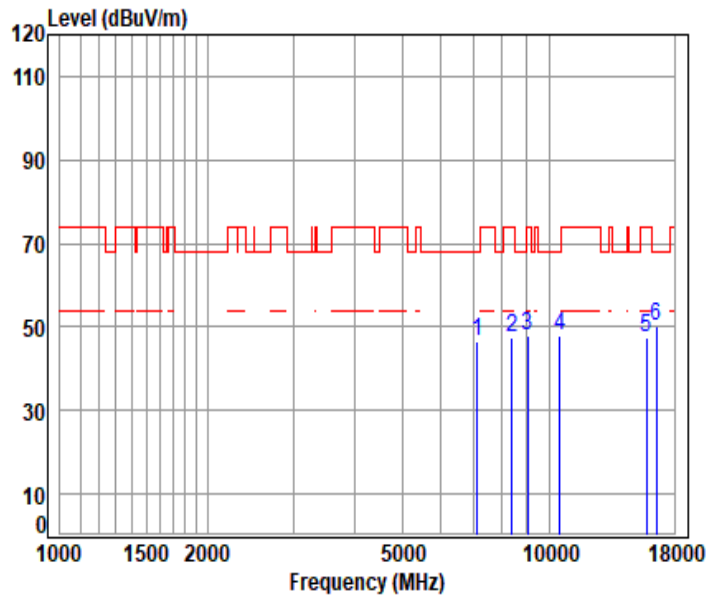
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7263.242	11.51	36.63	56.49	53.68	45.33	74.00	-28.67	peak
2	8689.318	12.08	38.56	55.28	52.54	47.90	68.20	-20.30	peak
3	10480.000	13.64	39.08	53.81	48.08	46.99	68.20	-21.21	peak
4	13355.530	16.19	40.30	54.46	47.17	49.20	74.00	-24.80	Peak
5	15720.000	17.22	38.58	54.08	46.76	48.48	74.00	-25.52	peak
6	pp16676.140	17.60	39.35	54.20	48.09	50.84	68.20	-17.36	peak



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11a_TX_CH_52_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

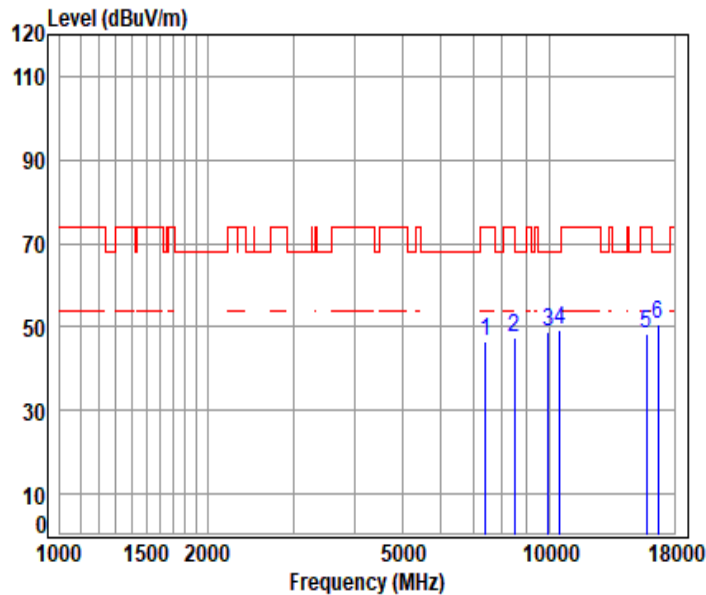
Mode : 5260 TX RSE

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7138.557	11.81	36.48	56.59	54.64	46.34	68.20	-21.86	peak
2	8385.002	11.65	38.63	55.55	52.78	47.51	74.00	-26.49	peak
3	9032.237	12.14	38.60	54.97	52.07	47.84	74.00	-26.16	peak
4	10520.000	13.63	39.14	53.79	48.81	47.79	68.20	-20.41	peak
5	15780.000	17.08	38.52	54.07	45.80	47.33	74.00	-26.67	peak
6	pp16557.660	17.69	39.07	54.17	47.60	50.19	68.20	-18.01	peak



11a_TX_CH_52_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

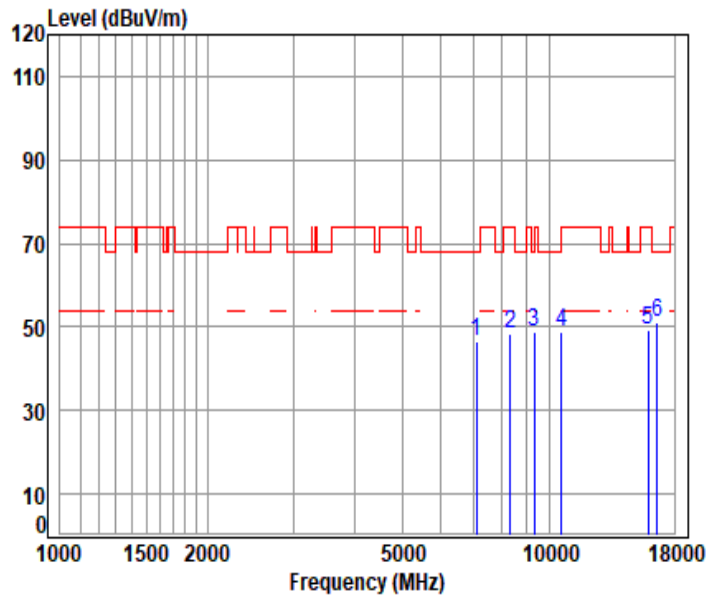
Mode : 5260 TX RSE

: 5G WIFI 11A

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7405.175	11.49	36.71	56.38	54.55	46.37	74.00 -27.63 peak
2	8496.769	12.29	38.31	55.45	52.31	47.46	74.00 -26.54 peak
3	9960.058	12.93	38.90	54.14	51.32	49.01	68.20 -19.19 peak
4	10520.000	13.63	39.14	53.79	50.16	49.14	68.20 -19.06 peak
5	15780.000	17.08	38.52	54.07	46.61	48.14	74.00 -25.86 peak
6	pp16710.150	17.58	39.42	54.21	47.87	50.66	68.20 -17.54 peak



11a_TX_CH_60_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

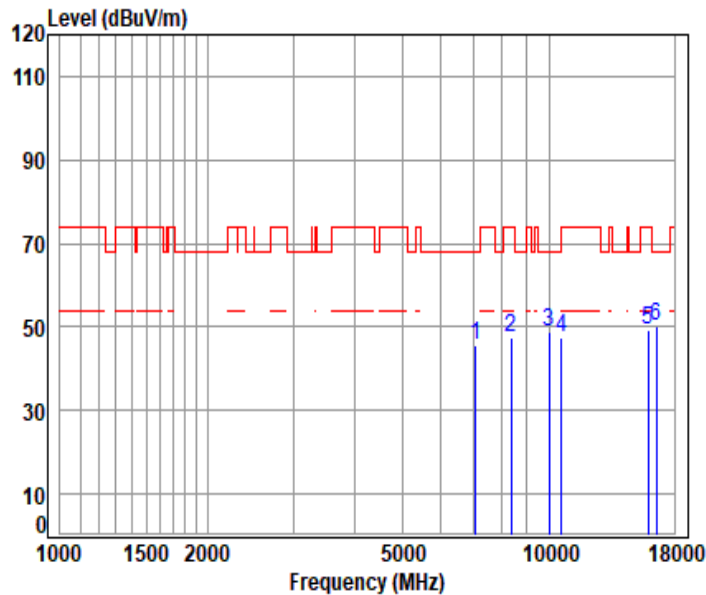
Mode : 5300 TX RSE

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7102.293	11.98	36.40	56.62	54.68	46.44	68.20	-21.76	peak
2	8333.913	11.72	38.44	55.60	53.70	48.26	74.00	-25.74	peak
3	9321.987	12.20	38.80	54.71	52.50	48.79	74.00	-25.21	peak
4	10600.000	13.59	39.30	53.74	49.70	48.85	68.20	-19.35	peak
5	15900.000	17.28	38.70	54.03	47.30	49.25	74.00	-24.75	peak
6	pp16608.340	17.64	39.22	54.18	48.46	51.14	68.20	-17.06	peak



11a_TX_CH_60_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5300 TX RSE

: 5G WIFI 11A

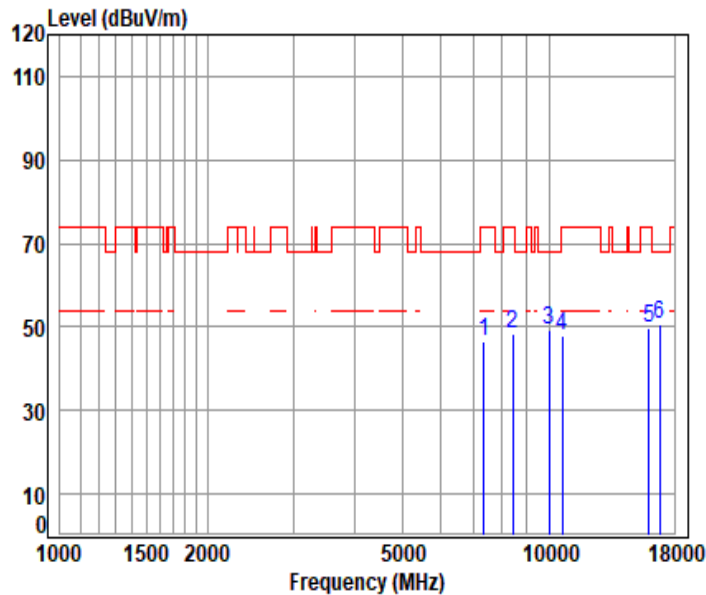
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7073.416	11.83	36.35	56.64	53.87	45.41	68.20 -22.79 peak
2	8359.419	11.68	38.68	55.58	52.85	47.63	74.00 -26.37 peak
3	9990.539	12.99	38.90	54.11	50.84	48.62	68.20 -19.58 peak
4	10600.000	13.59	39.30	53.74	48.19	47.34	68.20 -20.86 peak
5	15900.000	17.28	38.70	54.03	47.18	49.13	74.00 -24.87 peak
6	pp16557.660	17.69	39.07	54.17	47.70	50.29	68.20 -17.91 peak



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11a_TX_CH_64_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

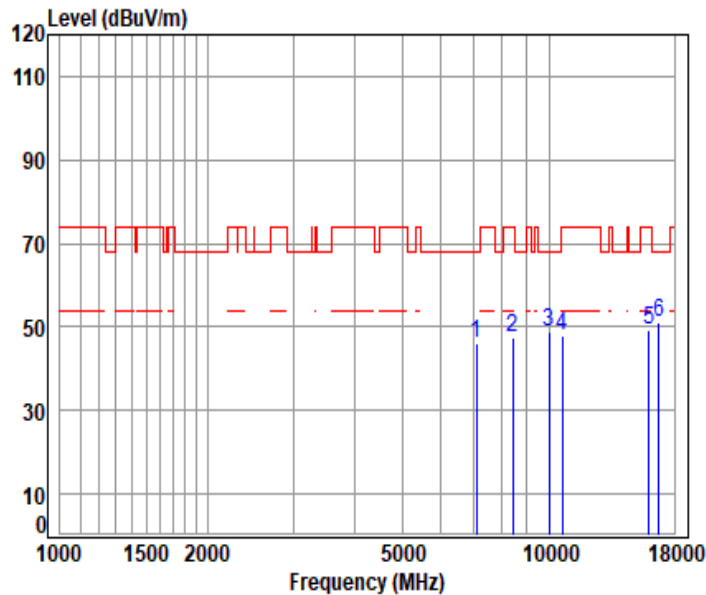
Mode : 5320 TX RSE

: 5G WIFI 11A

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7337.601	11.51	36.78	56.43	54.46	46.32	74.00 -27.68 peak
2	8436.402	11.88	38.45	55.51	53.66	48.48	74.00 -25.52 peak
3	10000.720	13.01	38.90	54.10	51.68	49.49	68.20 -18.71 peak
4	10640.000	13.77	39.34	53.72	48.69	48.08	74.00 -25.92 peak
5	15960.000	17.20	38.64	54.01	48.05	49.88	74.00 -24.12 peak
6	pp16812.580	17.55	39.60	54.24	47.64	50.55	68.20 -17.65 peak



11a_TX_CH_64_Veritical



Condition: 3m VERTICAL

Job No : 04609WM

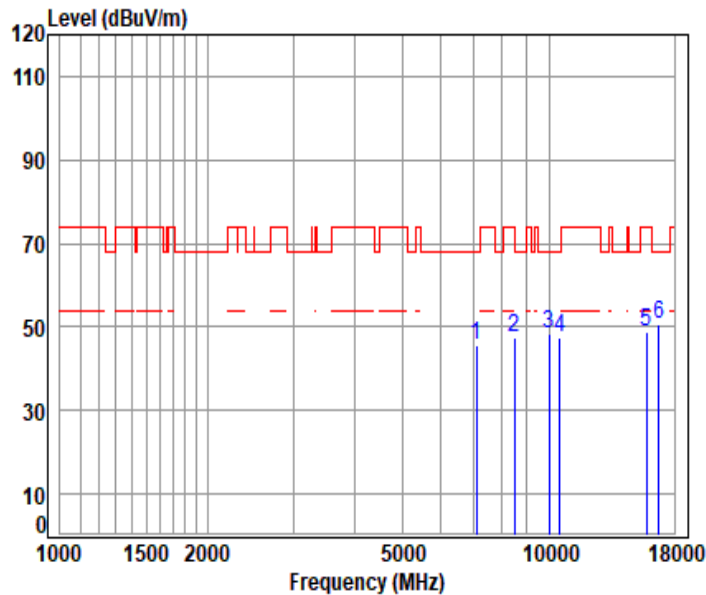
Mode : 5320 TX RSE

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7087.840	11.91	36.38	56.63	54.21	45.87	68.20	-22.33	peak
2	8436.402	11.88	38.45	55.51	52.70	47.52	74.00	-26.48	peak
3	9990.539	12.99	38.90	54.11	51.25	49.03	68.20	-19.17	peak
4	10640.000	13.77	39.34	53.72	48.53	47.92	74.00	-26.08	peak
5	15960.000	17.20	38.64	54.01	47.51	49.34	74.00	-24.66	peak
6	pp16744.220	17.53	39.49	54.22	48.14	50.94	68.20	-17.26	peak



11ax_20M_TX_CH_52_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

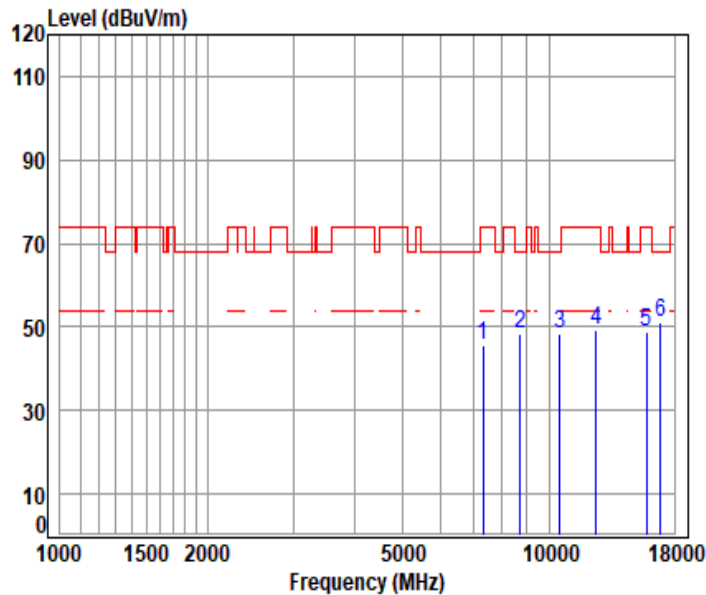
Mode : 5260 TX RSE

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	53.81	45.54	68.20	-22.66	peak
2	8488.119	12.23	38.32	55.46	52.34	47.43	74.00	-26.57	peak
3	9990.539	12.99	38.90	54.11	50.47	48.25	68.20	-19.95	peak
4	10520.000	13.63	39.14	53.79	48.61	47.59	68.20	-20.61	peak
5	15780.000	17.08	38.52	54.07	47.29	48.82	74.00	-25.18	peak
6	pp16727.180	17.55	39.45	54.22	47.94	50.72	68.20	-17.48	peak



11ax_20M_TX_CH_52_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

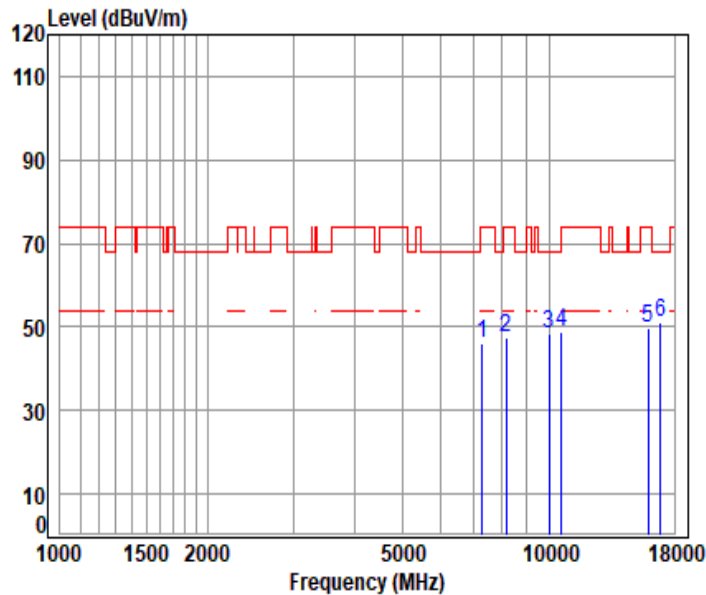
Mode : 5260 TX RSE

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	53.96	45.74	74.00	-28.26	peak
2	8715.911	12.12	38.57	55.26	53.00	48.43	68.20	-19.77	peak
3	10520.000	13.63	39.14	53.79	49.41	48.39	68.20	-19.81	peak
4	12461.800	15.42	39.90	54.12	48.18	49.38	74.00	-24.62	Peak
5	15780.000	17.08	38.52	54.07	47.29	48.82	74.00	-25.18	peak
6	pp16881.220	18.04	39.60	54.26	47.80	51.18	68.20	-17.02	peak



11ax_20M_TX_CH_60_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

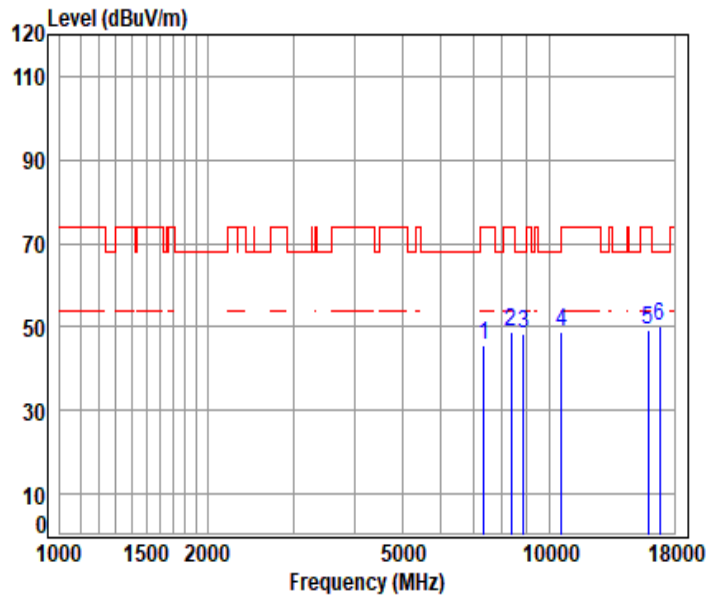
Mode : 5300 TX RSE

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	54.15	45.86	74.00	-28.14	peak
2	8149.240	11.51	37.90	55.77	53.68	47.32	74.00	-26.68	peak
3	9990.539	12.99	38.90	54.11	50.53	48.31	68.20	-19.89	peak
4	10600.000	13.59	39.30	53.74	49.73	48.88	68.20	-19.32	peak
5	15900.000	17.28	38.70	54.03	47.57	49.52	74.00	-24.48	peak
6	pp16864.040	17.92	39.60	54.26	47.86	51.12	68.20	-17.08	peak



11ax_20M_TX_CH_60_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5300 TX RSE

: 5G WIFI 11AX20 MIMO

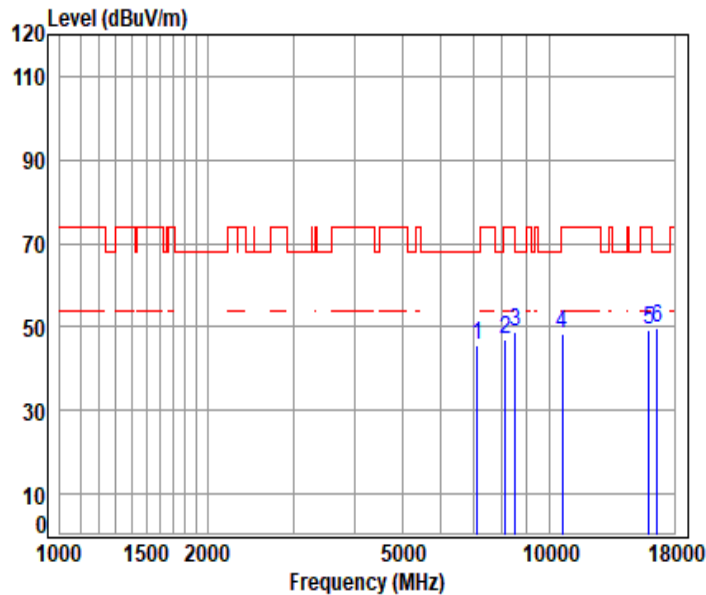
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7345.079	11.51	36.79	56.42	53.72	45.60	74.00	-28.40	peak
2	8342.406	11.70	38.58	55.59	54.33	49.02	74.00	-24.98	peak
3	8859.119	12.23	38.52	55.13	52.56	48.18	68.20	-20.02	peak
4	10600.000	13.59	39.30	53.74	49.75	48.90	68.20	-19.30	peak
5	15900.000	17.28	38.70	54.03	47.30	49.25	74.00	-24.75	peak
6	pp16812.580	17.55	39.60	54.24	47.29	50.20	68.20	-18.00	peak



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11ax_20M_TX_CH_64_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5320 TX RSE

: 5G WIFI 11AX20 MIMO

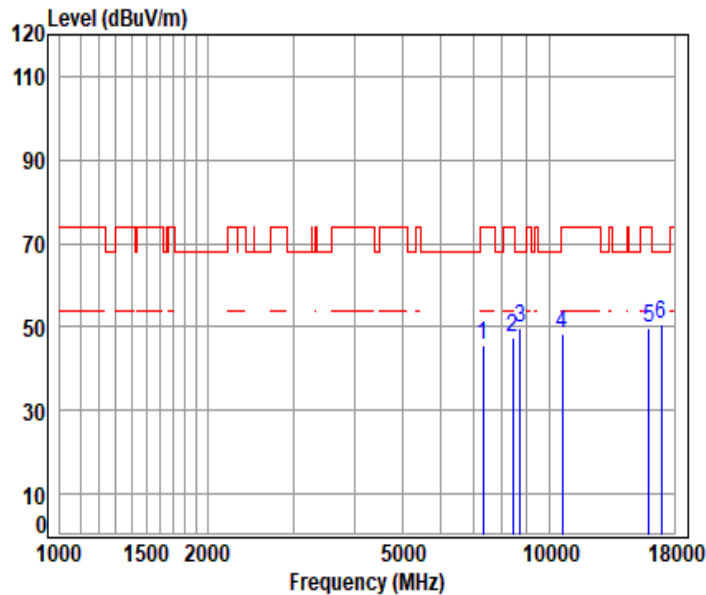
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7131.289	11.84	36.46	56.59	54.12	45.83	68.20	-22.37	peak
2	8140.943	11.50	37.88	55.77	53.28	46.89	74.00	-27.11	peak
3	8514.096	12.26	38.30	55.44	53.56	48.68	68.20	-19.52	peak
4	10640.000	13.77	39.34	53.72	48.96	48.35	74.00	-25.65	peak
5	15960.000	17.20	38.64	54.01	47.31	49.14	74.00	-24.86	peak
6	pp16625.260	17.63	39.25	54.19	47.23	49.92	68.20	-18.28	peak



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11ax_20M_TX_CH_64_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5320 TX RSE

: 5G WIFI 11AX20 MIMO

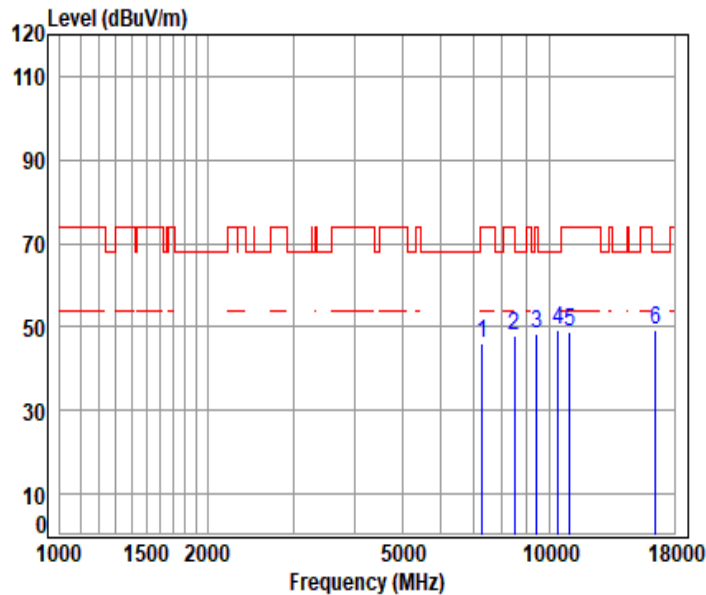
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7315.214	11.51	36.73	56.45	53.62	45.41	74.00	-28.59	peak
2	8427.813	11.82	38.49	55.51	52.56	47.36	74.00	-26.64	peak
3	8724.793	12.13	38.55	55.25	54.17	49.60	68.20	-18.60	peak
4	10640.000	13.77	39.34	53.72	49.08	48.47	74.00	-25.53	peak
5	15960.000	17.20	38.64	54.01	47.79	49.62	74.00	-24.38	peak
6	pp16915.650	18.16	39.62	54.27	47.21	50.72	68.20	-17.48	peak



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11a_TX_CH_100_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

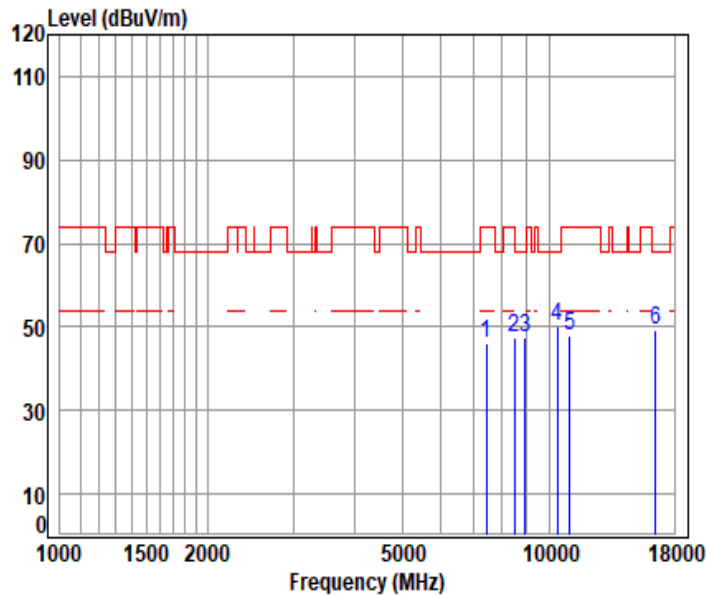
Mode : 5500 TX RSE

: 5G WIFI 11A

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7292.895	11.51	36.69	56.47	54.53	46.26	74.00 -27.74 peak
2	8479.478	12.17	38.34	55.47	53.02	48.06	74.00 -25.94 peak
3	9417.423	12.35	38.80	54.62	51.94	48.47	74.00 -25.53 peak
4	10416.590	13.62	39.02	53.85	50.35	49.14	68.20 -19.06 peak
5	11000.000	14.17	39.40	53.50	48.63	48.70	74.00 -25.30 peak
6	pp16500.000	17.74	38.90	54.15	46.66	49.15	68.20 -19.05 peak



11a_TX_CH_100_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

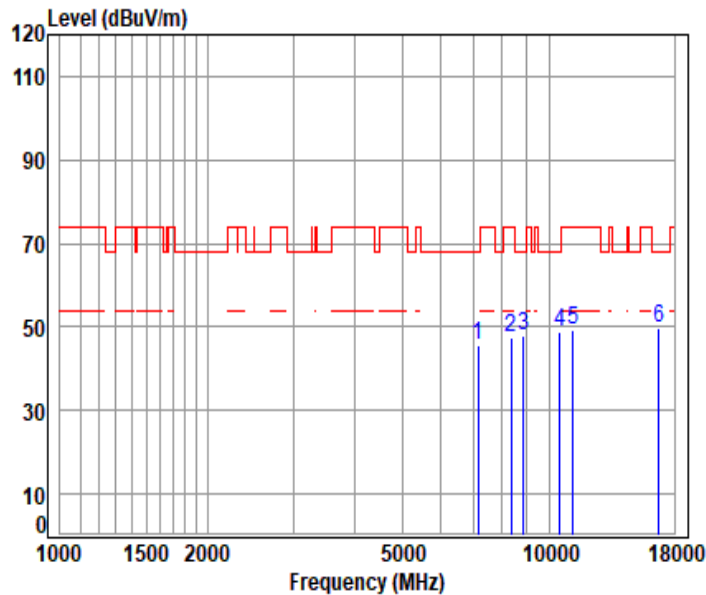
Mode : 5500 TX RSE

: 5G WIFI 11A

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7450.570	11.36	36.80	56.34	54.19	46.01	74.00 -27.99 peak
2	8488.119	12.23	38.32	55.46	52.23	47.32	74.00 -26.68 peak
3	8922.510	12.20	38.55	55.07	51.78	47.46	68.20 -20.74 peak
4	pp10384.810	13.61	39.00	53.87	51.45	50.19	68.20 -18.01 peak
5	11000.000	14.17	39.40	53.50	47.71	47.78	74.00 -26.22 peak
6	16500.000	17.74	38.90	54.15	46.75	49.24	68.20 -18.96 peak



11a_TX_CH_116_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5580 TX RSE

: 5G WIFI 11A

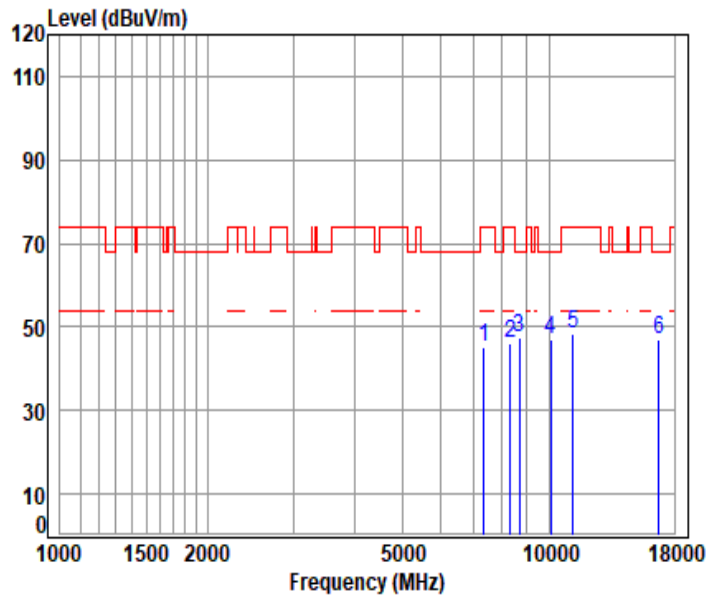
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7153.113	11.74	36.51	56.58	54.06	45.73	68.20	-22.47	peak
2	8359.419	11.68	38.68	55.58	52.49	47.27	74.00	-26.73	peak
3	8841.090	12.24	38.50	55.14	52.37	47.97	68.20	-20.23	peak
4	10491.130	13.64	39.09	53.81	49.71	48.63	68.20	-19.57	peak
5	11160.000	14.72	39.56	53.55	48.46	49.19	74.00	-24.81	peak
6	pp16740.000	17.54	39.48	54.22	46.71	49.51	68.20	-18.69	peak



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11a_TX_CH_116_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

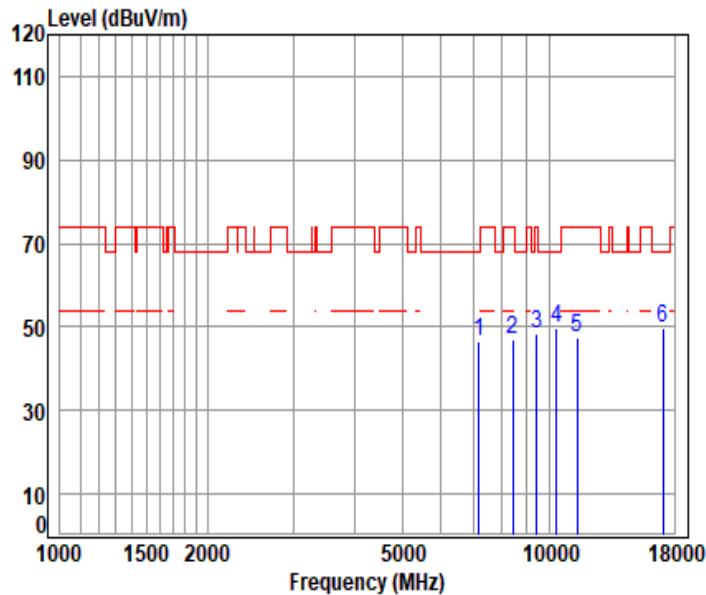
Mode : 5580 TX RSE

: 5G WIFI 11A

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7360.057	11.50	36.78	56.41	53.18	45.05	74.00 -28.95 peak
2	8325.429	11.73	38.31	55.61	51.77	46.20	74.00 -27.80 peak
3	pp 8698.174	12.09	38.59	55.27	52.13	47.54	68.20 -20.66 peak
4	10072.280	13.20	39.04	54.06	49.03	47.21	68.20 -20.99 peak
5	11160.000	14.72	39.56	53.55	47.85	48.58	74.00 -25.42 peak
6	16740.000	17.54	39.48	54.22	44.33	47.13	68.20 -21.07 peak



11a_TX_CH_140_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

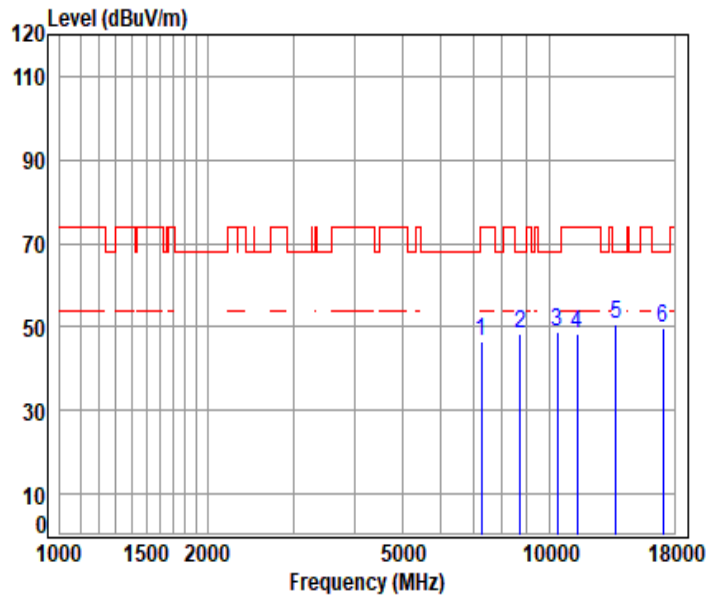
Mode : 5700 TX RSE

: 5G WIFI 11A

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7182.317	11.60	36.56	56.55	54.82	46.43	68.20 -21.77 peak
2	8419.234	11.76	38.52	55.52	52.43	47.19	74.00 -26.81 peak
3	9436.627	12.40	38.80	54.61	51.70	48.29	74.00 -25.71 peak
4	pp10332.060	13.59	39.00	53.90	51.14	49.83	68.20 -18.37 peak
5	11400.000	14.21	39.70	53.62	47.31	47.60	74.00 -26.40 peak
6	17100.000	18.47	39.80	54.32	45.65	49.60	68.20 -18.60 peak



11a_TX_CH_140_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

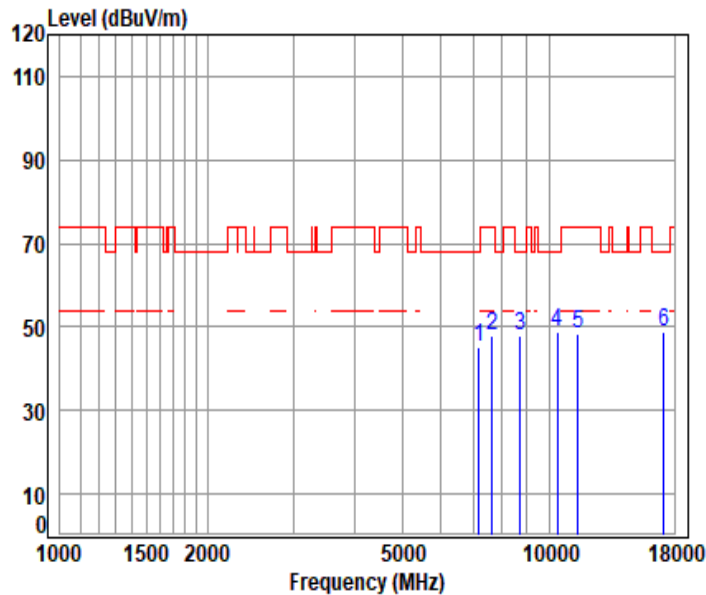
Mode : 5700 TX RSE

: 5G WIFI 11A

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7278.053	11.51	36.66	56.48	54.70	46.39	74.00 -27.61 peak
2	8707.038	12.10	38.59	55.26	52.86	48.29	68.20 -19.91 peak
3	10395.390	13.62	39.00	53.86	50.04	48.80	68.20 -19.40 peak
4	11400.000	14.21	39.70	53.62	47.85	48.14	74.00 -25.86 peak
5	13699.990	16.41	40.00	54.43	48.72	50.70	68.20 -17.50 Peak
6	17100.000	18.47	39.80	54.32	45.73	49.68	68.20 -18.52 peak



11a_Straddle_TX_CH_144_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

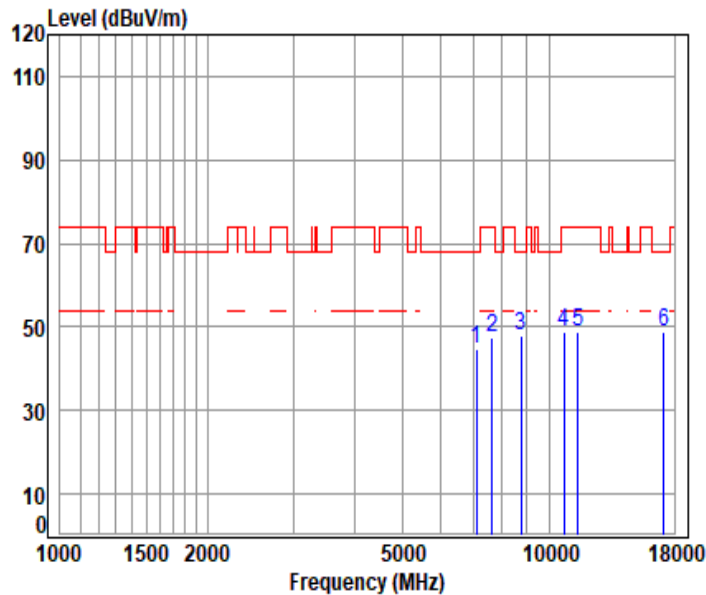
Mode : 5720 TX RSE

: 5G WIFI 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	7175.005	11.64	36.55	56.56	53.52	45.15	68.20 -23.05 peak
2	7627.176	11.19	36.85	56.20	56.13	47.97	74.00 -26.03 peak
3	8707.038	12.10	38.59	55.26	52.47	47.90	68.20 -20.30 peak
4	10374.240	13.61	39.00	53.88	49.97	48.70	68.20 -19.50 peak
5	11440.000	14.55	39.66	53.63	47.84	48.42	74.00 -25.58 peak
6	pp17160.000	18.08	39.86	54.33	45.21	48.82	68.20 -19.38 peak



11a_Straddle_TX_CH_144_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5720 TX RSE

: 5G WIFI 11A

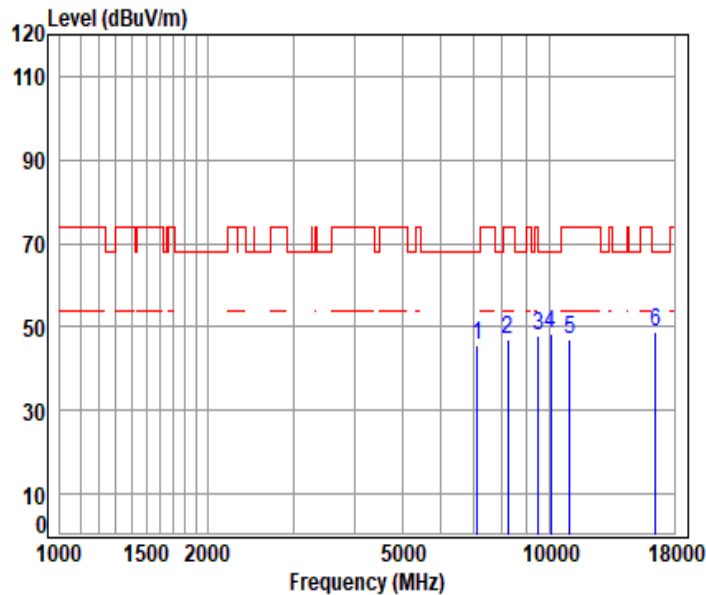
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7102.293	11.98	36.40	56.62	52.75	44.51	68.20 -23.69 peak
2	7627.176	11.19	36.85	56.20	55.45	47.29	74.00 -26.71 peak
3	8751.494	12.17	38.50	55.22	52.36	47.81	68.20 -20.39 peak
4	10728.870	13.94	39.37	53.66	48.96	48.61	74.00 -25.39 peak
5	11440.000	14.55	39.66	53.63	48.06	48.64	74.00 -25.36 peak
6	pp17160.000	18.08	39.86	54.33	45.11	48.72	68.20 -19.48 peak



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11ax_20M_TX_CH_100_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

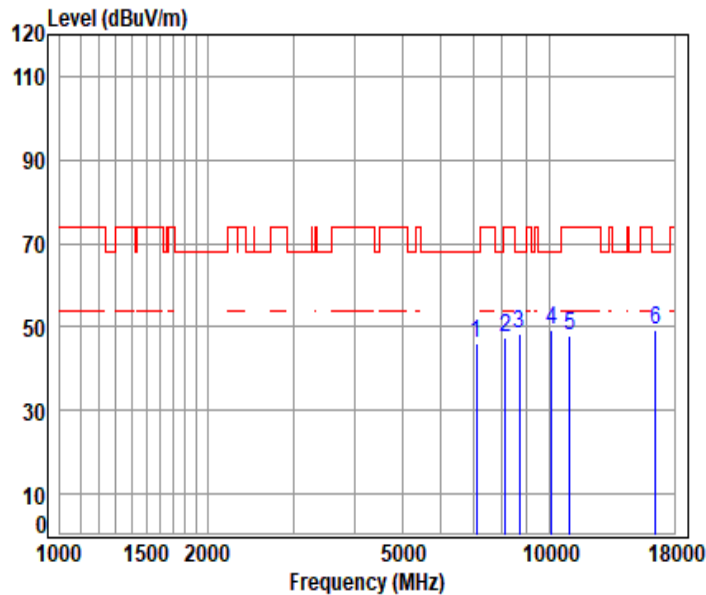
Mode : 5500 TX RSE

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7138.557	11.81	36.48	56.59	53.92	45.62	68.20	-22.58	peak
2	8232.670	11.63	37.87	55.69	53.18	46.99	74.00	-27.01	peak
3	9484.810	12.52	38.87	54.56	50.98	47.81	74.00	-26.19	peak
4	10062.030	13.17	39.02	54.06	50.01	48.14	68.20	-20.06	peak
5	11000.000	14.17	39.40	53.50	47.13	47.20	74.00	-26.80	peak
6	pp16500.000	17.74	38.90	54.15	46.40	48.89	68.20	-19.31	peak



11ax_20M_TX_CH_100_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

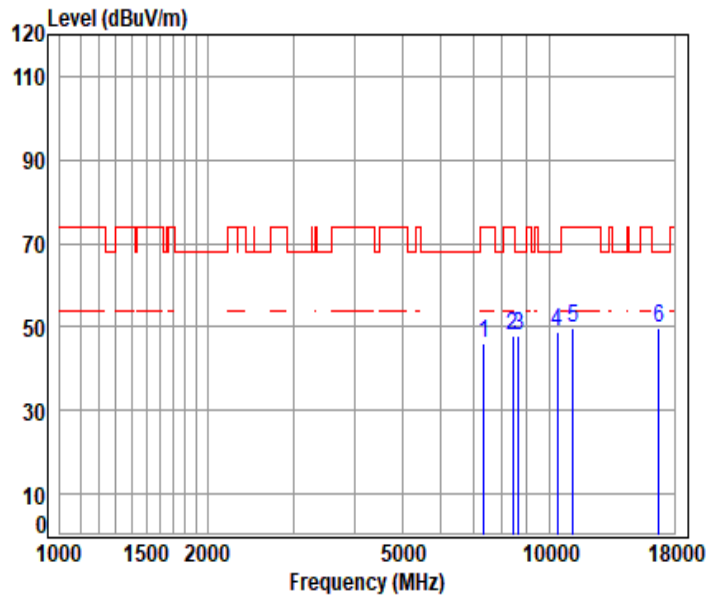
Mode : 5500 TX RSE

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	54.39	46.15	68.20	-22.05	peak
2	8132.655	11.49	37.87	55.78	54.07	47.65	74.00	-26.35	peak
3	8680.473	12.06	38.52	55.29	52.92	48.21	68.20	-19.99	peak
4	10113.400	13.25	39.10	54.03	50.83	49.15	68.20	-19.05	peak
5	11000.000	14.17	39.40	53.50	47.84	47.91	74.00	-26.09	peak
6	pp16500.000	17.74	38.90	54.15	46.69	49.18	68.20	-19.02	peak



11ax_20M_100_TX_CH_116_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5580 TX RSE

: 5G WIFI 11AX20 MIMO

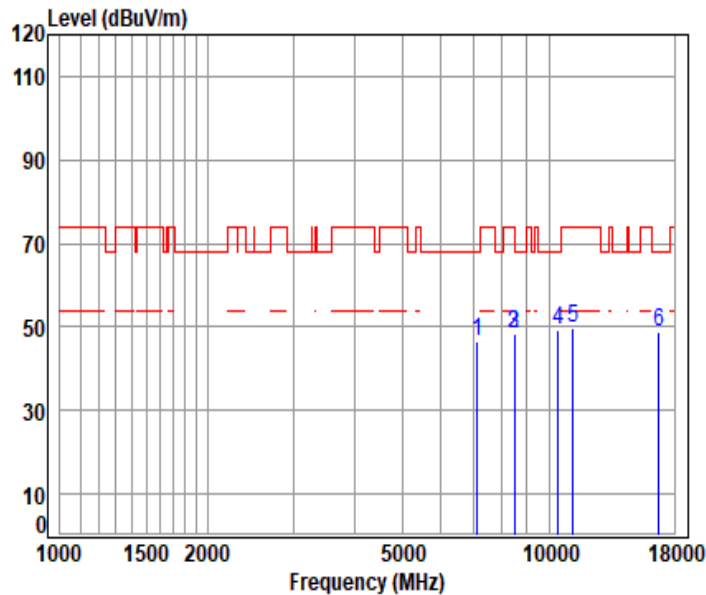
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7337.601	11.51	36.78	56.43	54.18	46.04	74.00	-27.96	peak
2	8427.813	11.82	38.49	55.51	53.11	47.91	74.00	-26.09	peak
3	8636.376	12.01	38.43	55.33	52.94	48.05	68.20	-20.15	peak
4	10384.810	13.61	39.00	53.87	50.23	48.97	68.20	-19.23	peak
5	11160.000	14.72	39.56	53.55	49.04	49.77	74.00	-24.23	peak
6	pp16740.000	17.54	39.48	54.22	46.93	49.73	68.20	-18.47	peak



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11ax_20M_100_TX_CH_116_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5580 TX RSE

: 5G WIFI 11AX20 MIMO

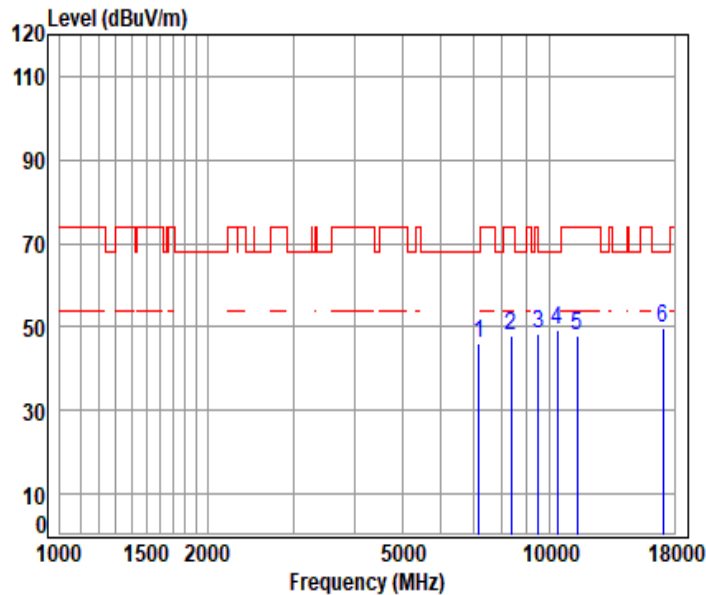
	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
7124.029	11.88	36.45	56.60	54.84	46.57	68.20	-21.63	peak
8496.769	12.29	38.31	55.45	53.11	48.26	74.00	-25.74	peak
8496.769	12.29	38.31	55.45	53.11	48.26	74.00	-25.74	peak
p10405.990	13.62	39.01	53.86	50.31	49.08	68.20	-19.12	peak
11160.000	14.72	39.56	53.55	48.87	49.60	74.00	-24.40	peak
16740.000	17.54	39.48	54.22	46.21	49.01	68.20	-19.19	peak



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11ax_20M_100_TX_CH_140_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

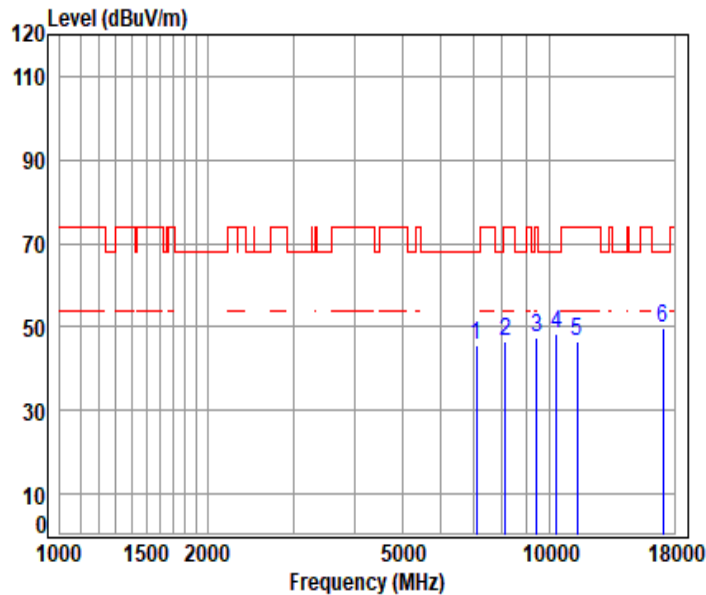
Mode : 5700 TX RSE

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7182.317	11.60	36.56	56.55	54.57	46.18	68.20	-22.02	peak
2	8342.406	11.70	38.58	55.59	53.12	47.81	74.00	-26.19	peak
3	9504.150	12.55	38.89	54.55	51.55	48.44	68.20	-19.76	peak
4	10374.240	13.61	39.00	53.88	50.33	49.06	68.20	-19.14	peak
5	11400.000	14.21	39.70	53.62	47.66	47.95	74.00	-26.05	peak
6	pp17100.000	18.47	39.80	54.32	45.87	49.82	68.20	-18.38	peak



11ax_20M_100_TX_CH_140_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5700 TX RSE

: 5G WIFI 11AX20 MIMO

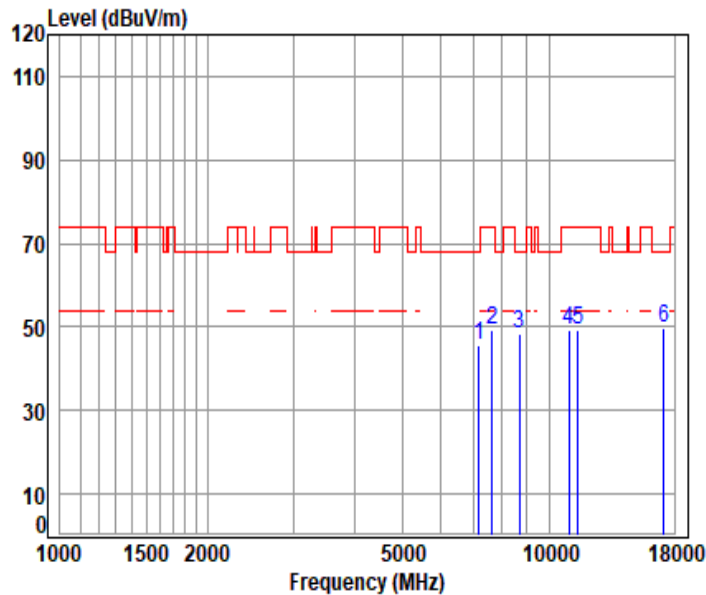
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7109.531	11.95	36.42	56.61	53.69	45.45	68.20	-22.75	peak
2	8116.105	11.47	37.83	55.80	53.15	46.65	74.00	-27.35	peak
3	9427.021	12.37	38.80	54.62	51.04	47.59	74.00	-26.41	peak
4	10353.130	13.60	39.00	53.89	49.78	48.49	68.20	-19.71	peak
5	11400.000	14.21	39.70	53.62	46.23	46.52	74.00	-27.48	peak
6	pp17100.000	18.47	39.80	54.32	45.62	49.57	68.20	-18.63	peak



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11ax_20M_Straddle_TX_CH_144_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

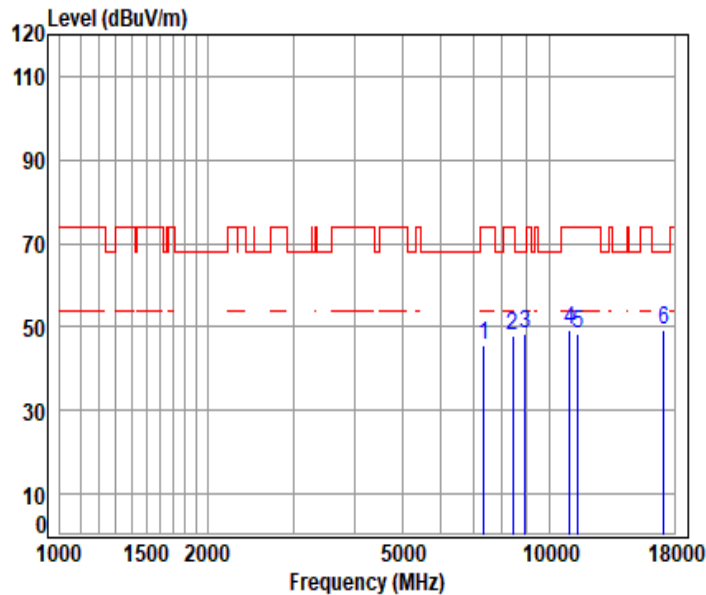
Mode : 5720 TX RSE

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7175.005	11.64	36.55	56.56	53.97	45.60	68.20	-22.60	peak
2	7627.176	11.19	36.85	56.20	57.29	49.13	74.00	-24.87	peak
3	8680.473	12.06	38.52	55.29	53.16	48.45	68.20	-19.75	peak
4	10960.830	14.09	39.36	53.52	49.57	49.50	74.00	-24.50	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	46.12	49.73	68.20	-18.47	peak



11ax_20M_Straddle_TX_CH_144_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

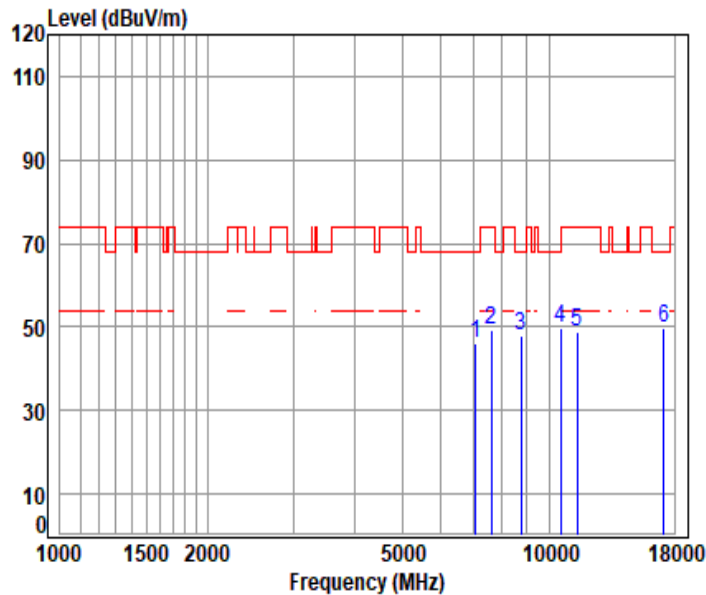
Mode : 5720 TX RSE

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	53.95	45.83	74.00	-28.17	peak
2	8427.813	11.82	38.49	55.51	53.07	47.87	74.00	-26.13	peak
3	8922.510	12.20	38.55	55.07	52.65	48.33	68.20	-19.87	peak
4	10994.380	14.16	39.39	53.50	49.11	49.16	74.00	-24.84	peak
5	11440.000	14.55	39.66	53.63	47.93	48.51	74.00	-25.49	peak
6	pp17160.000	18.08	39.86	54.33	45.71	49.32	68.20	-18.88	peak



11n_40M_Straddle_TX_CH_142_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

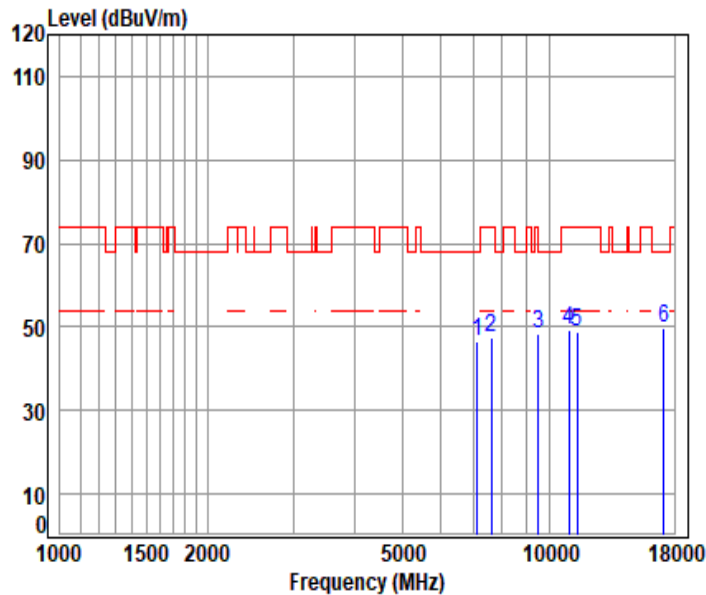
Mode : 5710 TX RSE

: 5G WIFI 11N40 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7066.214	11.78	36.33	56.65	54.51	45.97	68.20	-22.23	peak
2	7611.654	11.13	36.82	56.21	57.48	49.22	74.00	-24.78	peak
3	8742.585	12.16	38.51	55.23	52.68	48.12	68.20	-20.08	peak
4	10533.960	13.62	39.17	53.78	50.58	49.59	68.20	-18.61	peak
5	11420.000	14.38	39.68	53.63	48.57	49.00	74.00	-25.00	peak
6	pp17171.300	18.27	39.83	54.33	46.00	49.77	68.20	-18.43	peak



11n_40M_Straddle_TX_CH_142_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5710 TX RSE

: 5G WIFI 11N40 MIMO

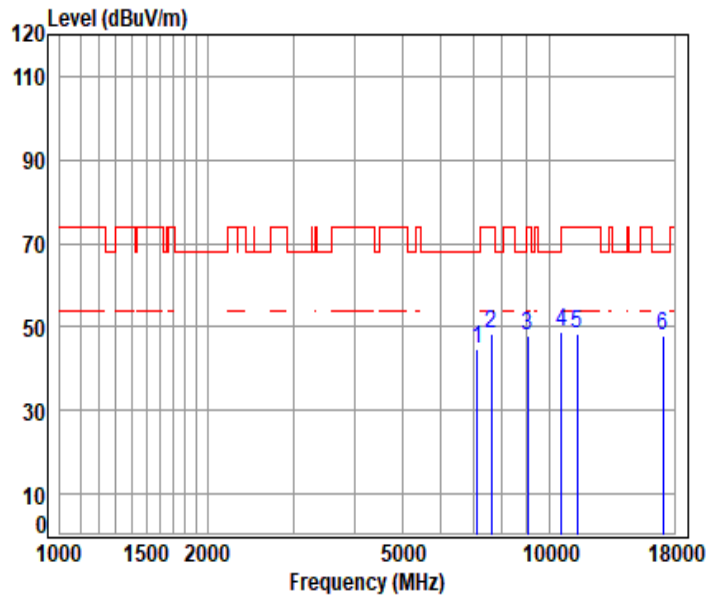
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7116.776	11.91	36.43	56.61	54.76	46.49	68.20	-21.71	peak
2	7611.654	11.13	36.82	56.21	55.63	47.37	74.00	-26.63	peak
3	9494.476	12.55	38.89	54.55	51.42	48.31	74.00	-25.69	peak
4	10972.000	14.11	39.37	53.52	49.37	49.33	74.00	-24.67	peak
5	11420.000	14.38	39.68	53.63	48.31	48.74	74.00	-25.26	peak
6	pp17130.000	18.27	39.83	54.33	45.87	49.64	68.20	-18.56	peak



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11ac_80M_Straddle_TX_CH_138_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5690 TX RSE

: 5G WIFI 11AC80 MIMO

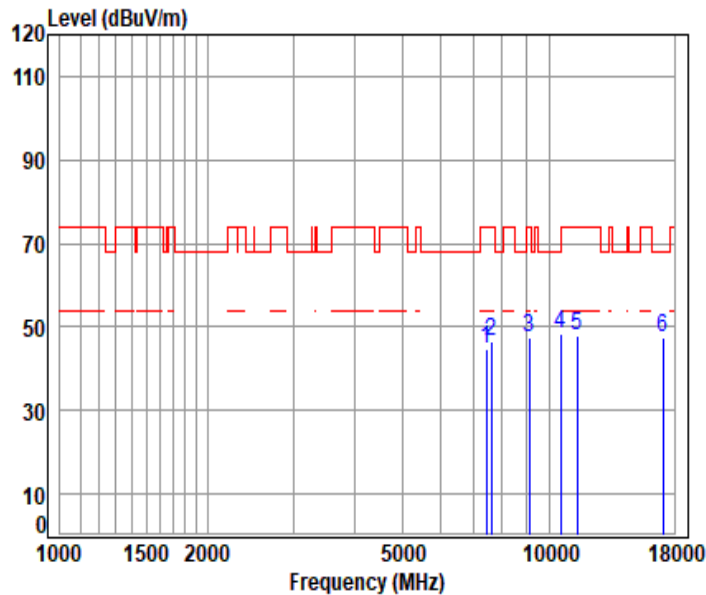
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7124.029	11.88	36.45	56.60	52.88	44.61	68.20	-23.59	peak
2	7611.654	11.13	36.82	56.21	56.82	48.56	74.00	-25.44	peak
3	9032.237	12.14	38.60	54.97	52.10	47.87	74.00	-26.13	peak
4	10609.330	13.63	39.31	53.73	49.59	48.80	74.00	-25.20	peak
5	11380.000	14.30	39.70	53.61	48.20	48.59	74.00	-25.41	peak
6	pp17070.000	18.35	39.77	54.31	44.05	47.86	68.20	-20.34	peak



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11ac_80M_Straddle_TX_CH_138_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

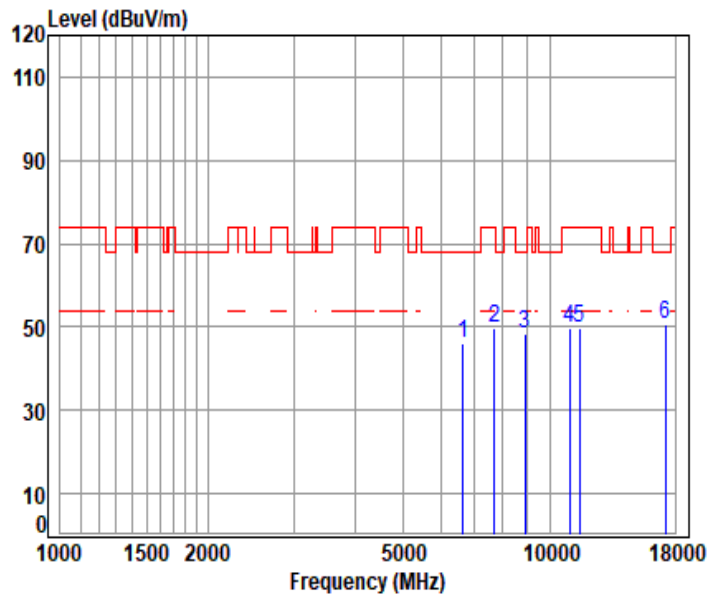
Mode : 5690 TX RSE

: 5G WIFI 11AC80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7427.838	11.42	36.76	56.36	52.67	44.49	74.00	-29.51	peak
2	7611.654	11.13	36.82	56.21	54.92	46.66	74.00	-27.34	peak
3	9106.138	12.13	38.61	54.90	51.51	47.35	74.00	-26.65	peak
4	pp10533.960	13.62	39.17	53.78	49.20	48.21	68.20	-19.99	peak
5	11380.000	14.30	39.70	53.61	47.54	47.93	74.00	-26.07	peak
6	17070.000	18.35	39.77	54.31	43.65	47.46	68.20	-20.74	peak



11a_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

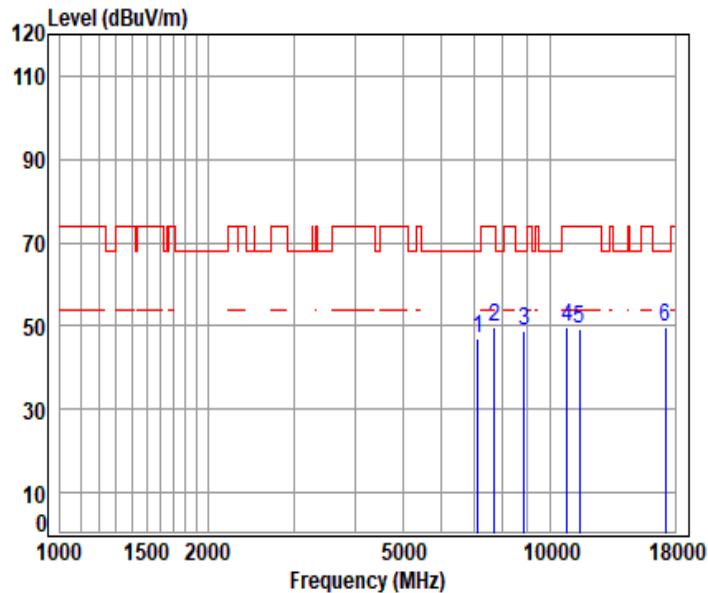
Mode : 5745 TX RSE

: 5.8G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6633.772	11.54	35.40	56.77	56.03	46.20	68.20	-22.00	peak
2	7697.417	11.44	36.90	56.14	57.65	49.85	74.00	-24.15	peak
3	8886.231	12.22	38.57	55.10	52.60	48.29	68.20	-19.91	peak
4	10983.190	14.13	39.38	53.51	49.53	49.53	74.00	-24.47	peak
5	11490.000	14.97	39.61	53.65	48.66	49.59	74.00	-24.41	peak
6	pp17235.000	17.83	40.01	54.35	47.33	50.82	68.20	-17.38	peak



11a_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5745 TX RSE

: 5.8G WIFI 11A

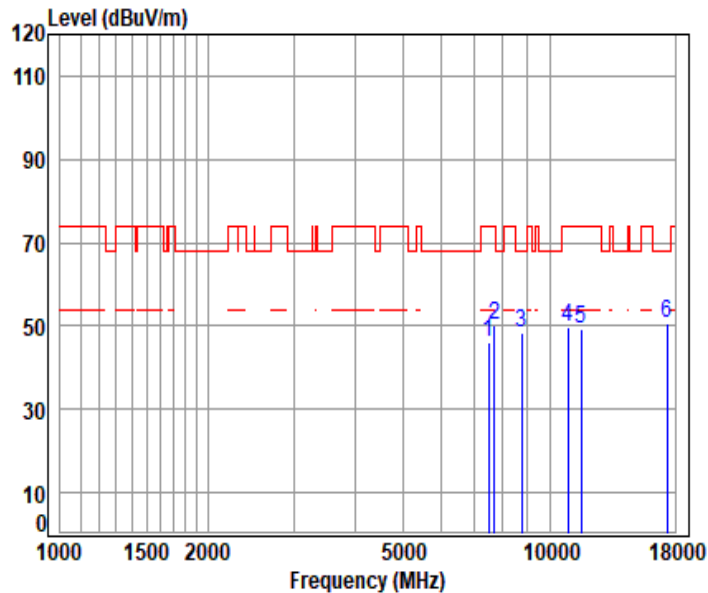
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7124.029	11.88	36.45	56.60	55.40	47.13	68.20	-21.07	peak
2	7697.417	11.44	36.90	56.14	57.69	49.89	74.00	-24.11	peak
3	8859.119	12.23	38.52	55.13	52.99	48.61	68.20	-19.59	peak
4	10827.680	13.76	39.30	53.60	50.09	49.55	74.00	-24.45	peak
5	11490.000	14.97	39.61	53.65	48.53	49.46	74.00	-24.54	peak
6	pp17235.000	17.83	40.01	54.35	46.20	49.69	68.20	-18.51	peak



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11a_TX_CH_157_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

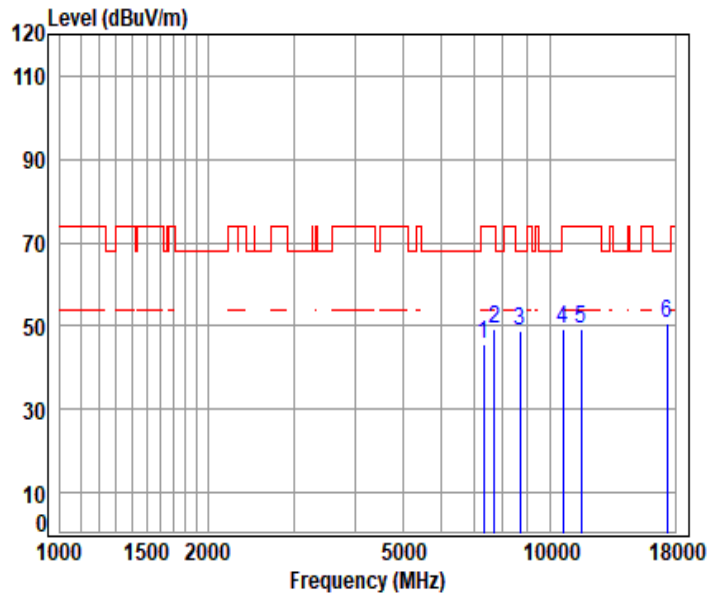
Mode : 5785 TX RSE

: 5.8G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7496.243	11.24	36.80	56.30	54.52	46.26	74.00	-27.74	peak
2	7713.113	11.43	36.93	56.13	57.74	49.97	74.00	-24.03	peak
3	8760.413	12.19	38.50	55.22	53.04	48.51	68.20	-19.69	peak
4	10871.880	13.88	39.30	53.58	50.31	49.91	74.00	-24.09	peak
5	11570.000	14.78	39.60	53.67	48.67	49.38	74.00	-24.62	peak
6	pp17355.000	18.00	40.31	54.37	46.84	50.78	68.20	-17.42	peak



11a_TX_CH_157_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5785 TX RSE

: 5.8G WIFI 11A

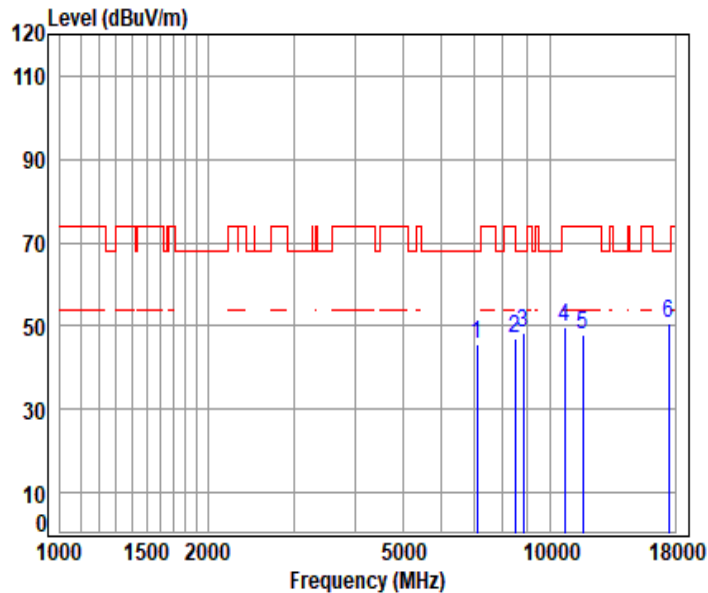
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7307.767	11.51	36.72	56.45	53.90	45.68	74.00	-28.32	peak
2	7713.113	11.43	36.93	56.13	56.86	49.09	74.00	-24.91	peak
3	8689.318	12.08	38.56	55.28	53.46	48.82	68.20	-19.38	peak
4	10620.150	13.68	39.32	53.73	50.19	49.46	74.00	-24.54	peak
5	11570.000	14.78	39.60	53.67	48.66	49.37	74.00	-24.63	peak
6	pp17355.000	18.00	40.31	54.37	46.73	50.67	68.20	-17.53	peak



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11a_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5825 TX RSE

: 5.8G WIFI 11A

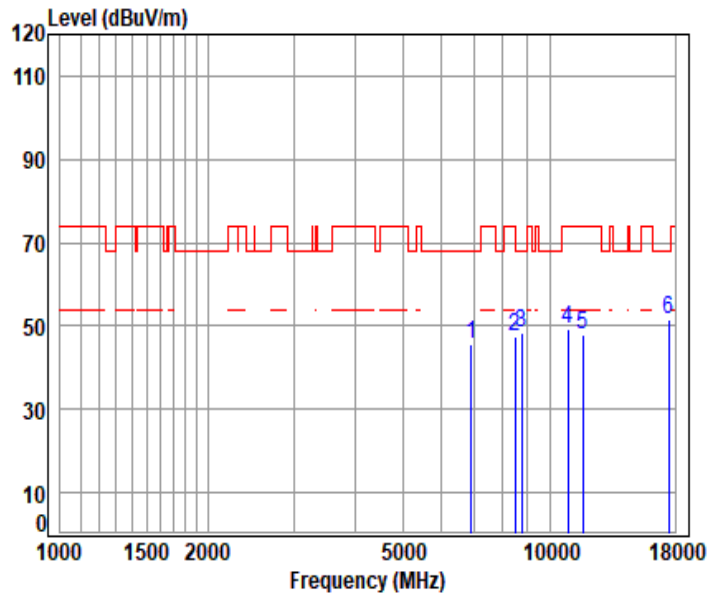
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7095.063	11.96	36.39	56.62	53.84	45.57	68.20	-22.63	peak
2	8470.845	12.11	38.36	55.48	51.93	46.92	74.00	-27.08	peak
3	8832.090	12.24	38.50	55.15	52.74	48.33	68.20	-19.87	peak
4	10728.870	13.94	39.37	53.66	50.12	49.77	74.00	-24.23	peak
5	11650.000	14.69	39.55	53.69	47.46	48.01	74.00	-25.99	peak
6	pp17475.000	18.35	40.78	54.40	45.93	50.66	68.20	-17.54	peak



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11a_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5825 TX RSE

: 5.8G WIFI 11A

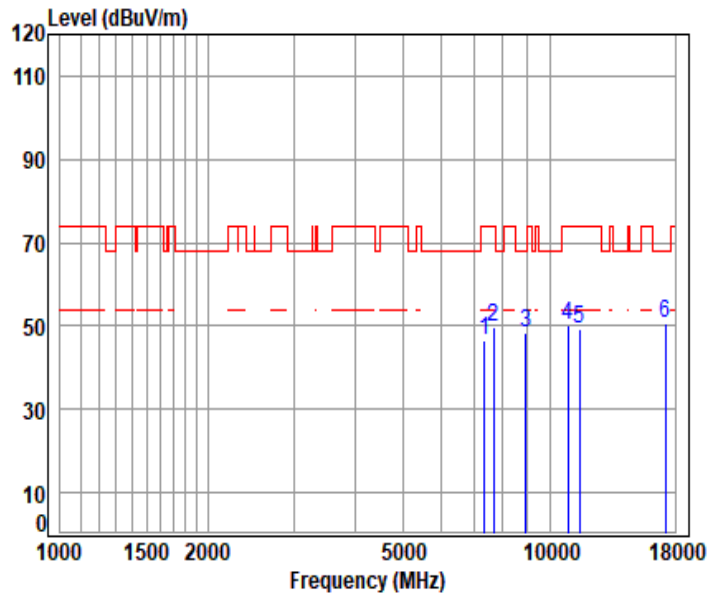
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6895.570	11.37	36.18	56.72	54.97	45.80	68.20	-22.40	peak
2	8488.119	12.23	38.32	55.46	52.36	47.45	74.00	-26.55	peak
3	8760.413	12.19	38.50	55.22	52.71	48.18	68.20	-20.02	peak
4	10882.960	13.91	39.30	53.57	49.73	49.37	74.00	-24.63	peak
5	11650.000	14.69	39.55	53.69	47.43	47.98	74.00	-26.02	peak
6	pp17475.000	18.35	40.78	54.40	46.68	51.41	68.20	-16.79	peak



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11ax_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

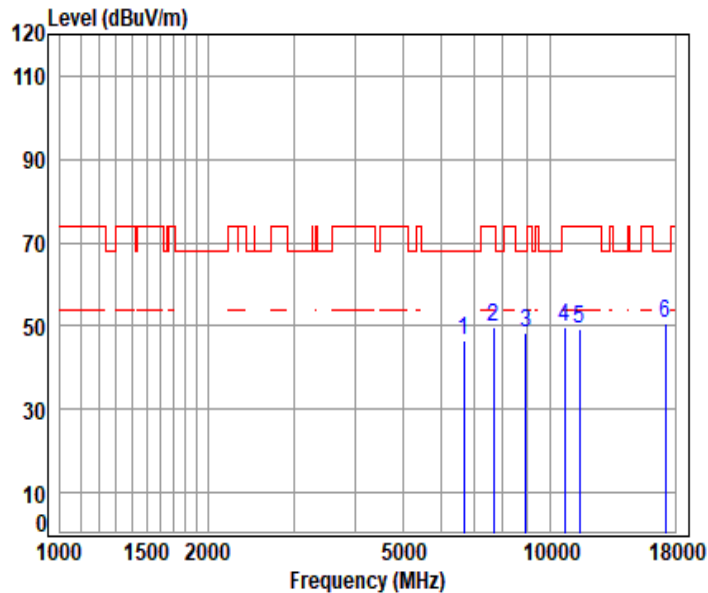
Mode : 5745 TX RSE

: 5.8G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	54.49	46.37	74.00	-27.63	peak
2	7658.314	11.30	36.90	56.17	57.58	49.61	74.00	-24.39	peak
3	8913.427	12.21	38.57	55.08	52.61	48.31	68.20	-19.89	peak
4	10860.810	13.85	39.30	53.58	50.41	49.98	74.00	-24.02	peak
5	11490.000	14.97	39.61	53.65	48.28	49.21	74.00	-24.79	peak
6	pp17235.000	17.83	40.01	54.35	47.09	50.58	68.20	-17.62	peak



11ax_20M_TX_CH_149_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

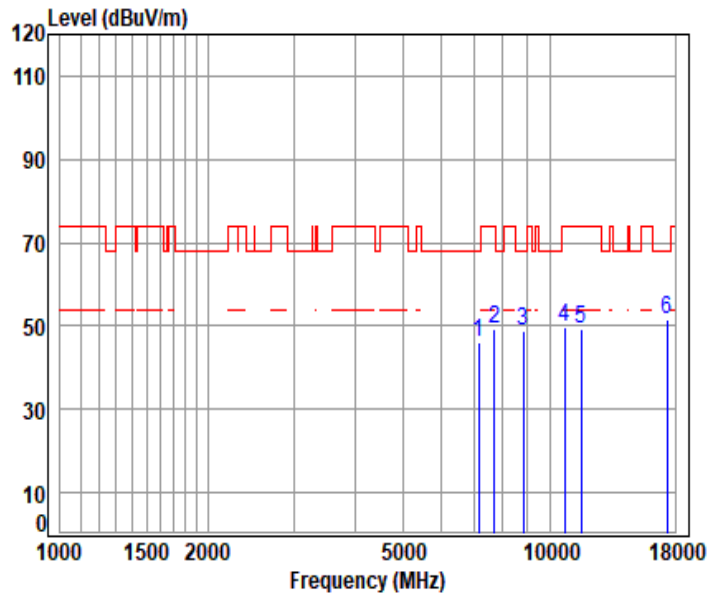
Mode : 5745 TX RSE

: 5.8G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6660.855	11.48	35.48	56.77	56.31	46.50	68.20	-21.70	peak
2	7658.314	11.30	36.90	56.17	57.63	49.66	74.00	-24.34	peak
3	8922.510	12.20	38.55	55.07	52.75	48.43	68.20	-19.77	peak
4	10717.950	13.98	39.38	53.67	49.90	49.59	74.00	-24.41	peak
5	11490.000	14.97	39.61	53.65	48.53	49.46	74.00	-24.54	peak
6	pp17235.000	17.83	40.01	54.35	47.06	50.55	68.20	-17.65	peak



11ax_20M_TX_CH_157_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

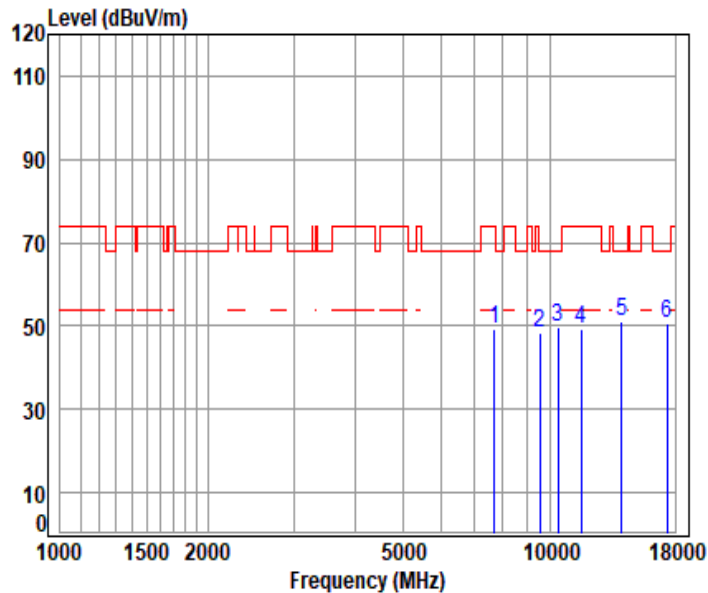
Mode : 5785 TX RSE

: 5.8G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	54.21	45.87	68.20	-22.33	peak
2	7713.113	11.43	36.93	56.13	56.85	49.08	74.00	-24.92	peak
3	8814.115	12.25	38.50	55.17	53.26	48.84	68.20	-19.36	peak
4	10696.140	14.02	39.40	53.68	50.10	49.84	74.00	-24.16	peak
5	11570.000	14.78	39.60	53.67	48.55	49.26	74.00	-24.74	peak
6	pp17355.000	18.00	40.31	54.37	47.53	51.47	68.20	-16.73	peak



11ax_20M_TX_CH_157_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5785 TX RSE

: 5.8G WIFI 11AX20 MIMO

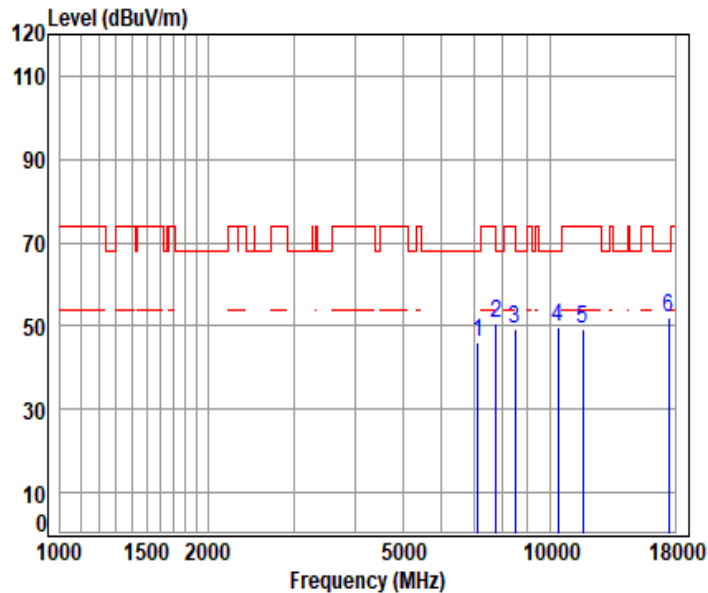
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	7713.113	11.43	36.93	56.13	57.15	49.38	74.00 -24.62 peak
2	9533.237	12.52	38.83	54.52	51.53	48.36	68.20 -19.84 peak
3	10384.810	13.61	39.00	53.87	50.88	49.62	68.20 -18.58 peak
4	11570.000	14.78	39.60	53.67	48.74	49.45	74.00 -24.55 peak
5	pp13996.190	16.45	39.90	54.40	49.02	50.97	68.20 -17.23 Peak
6	17355.000	18.00	40.31	54.37	46.53	50.47	68.20 -17.73 peak



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11ax_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5825 TX RSE

: 5.8G WIFI 11AX20 MIMO

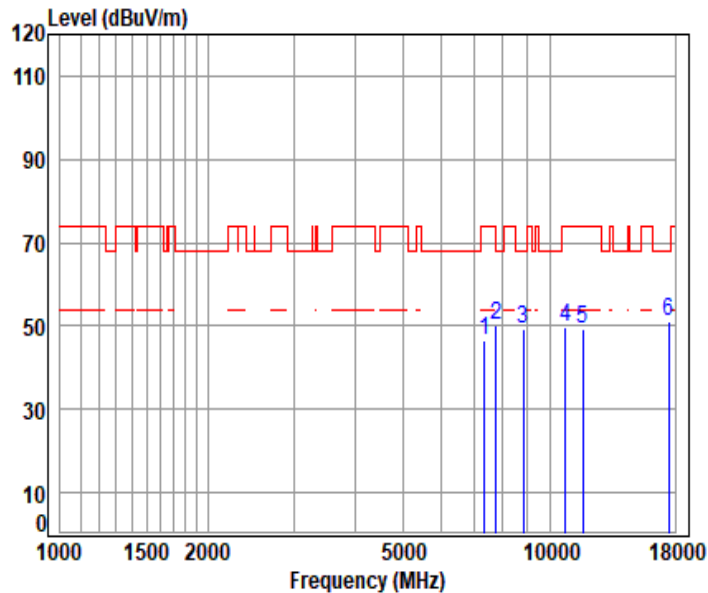
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7138.557	11.81	36.48	56.59	54.43	46.13	68.20	-22.07	peak
2	7768.304	11.35	37.07	56.09	58.11	50.44	68.20	-17.76	peak
3	8496.769	12.29	38.31	55.45	54.03	49.18	74.00	-24.82	peak
4	10374.240	13.61	39.00	53.88	51.12	49.85	68.20	-18.35	peak
5	11650.000	14.69	39.55	53.69	48.86	49.41	74.00	-24.59	peak
6	pp17475.000	18.35	40.78	54.40	47.36	52.09	68.20	-16.11	peak



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11ax_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5825 TX RSE

: 5.8G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	7337.601	11.51	36.78	56.43	54.81	46.67	74.00	-27.33	peak
2	7768.304	11.35	37.07	56.09	57.66	49.99	68.20	-18.21	peak
3	8832.090	12.24	38.50	55.15	53.49	49.08	68.20	-19.12	peak
4	10772.670	13.78	39.33	53.64	50.41	49.88	74.00	-24.12	peak
5	11650.000	14.69	39.55	53.69	48.64	49.19	74.00	-24.81	peak
6	pp17475.000	18.35	40.78	54.40	46.37	51.10	68.20	-17.10	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: 50.7 % RH

Atmospheric Pressure: 1020 mbar



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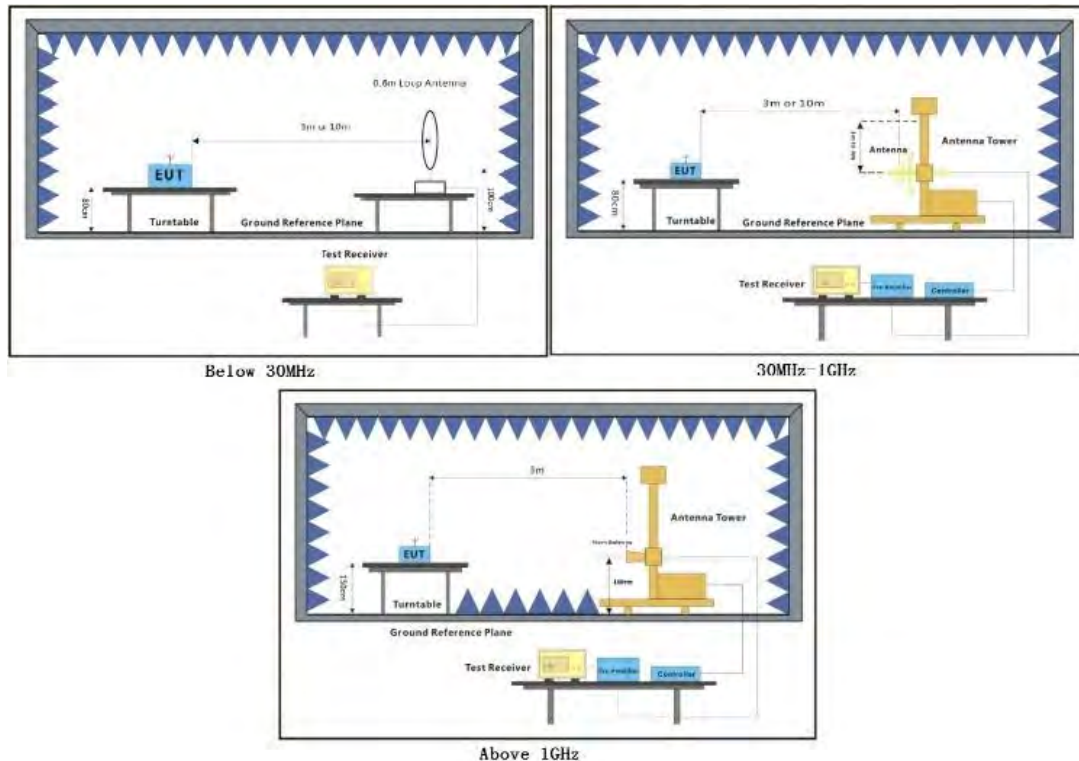
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Shenzhen Branch Testing Laboratory

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

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	09	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	11	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	12	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

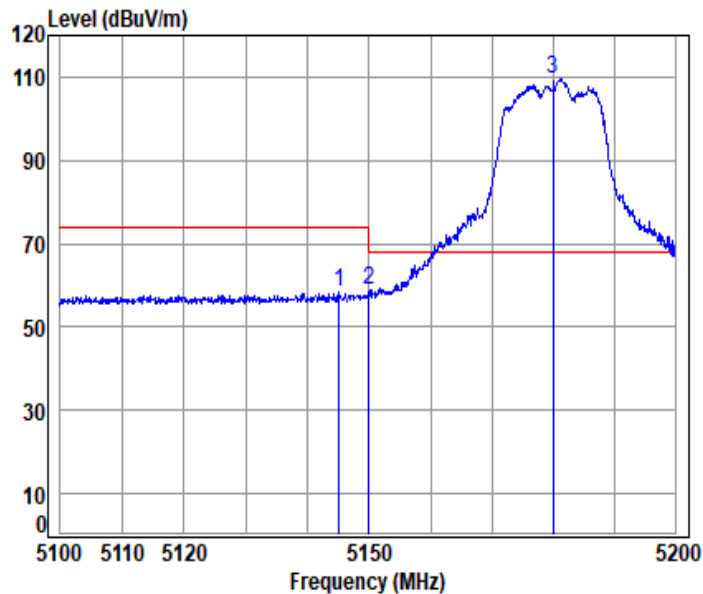
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 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 : 04609WM

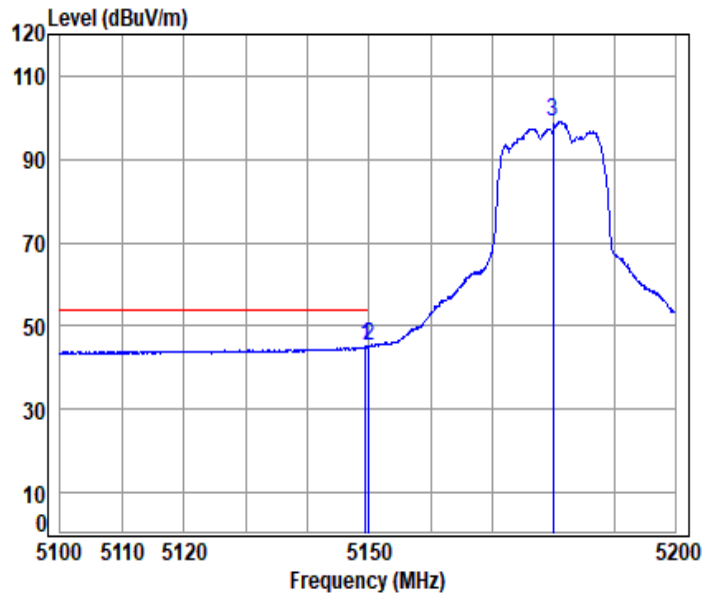
Mode : 5180 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.060	10.12	32.39	30.84	46.93	58.60	74.00	-15.40	peak
2	5149.980	10.14	32.40	30.84	46.93	58.63	74.00	-15.37	peak
3 pp	5180.000	10.25	32.46	30.83	97.74	109.62	68.20	41.42	peak



11a_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

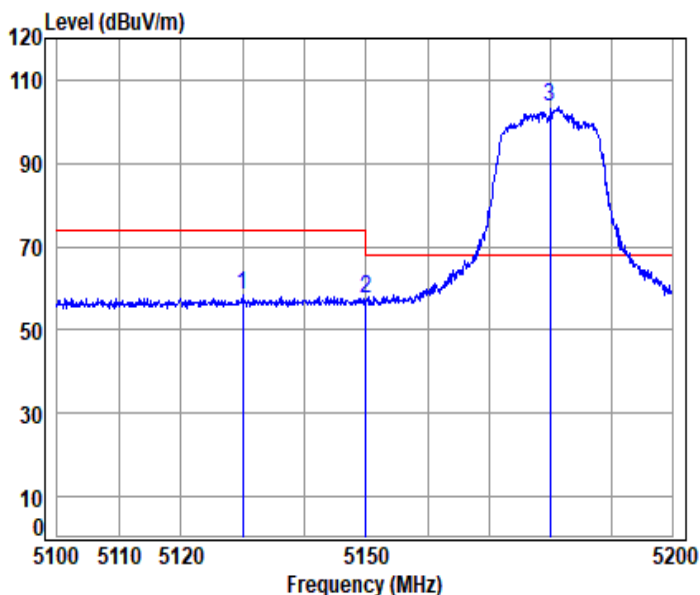
Mode : 5180 Band edge

: 5G WIFI 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	5149.458	10.14	32.40	30.84	33.43	45.13	54.00	-8.87 Average
2 pp	5149.980	10.14	32.40	30.84	33.51	45.21	54.00	-8.79 Average
3	5180.000	10.25	32.46	30.83	87.34	99.22	-----	----- Average



11a_TX_CH_36_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11A

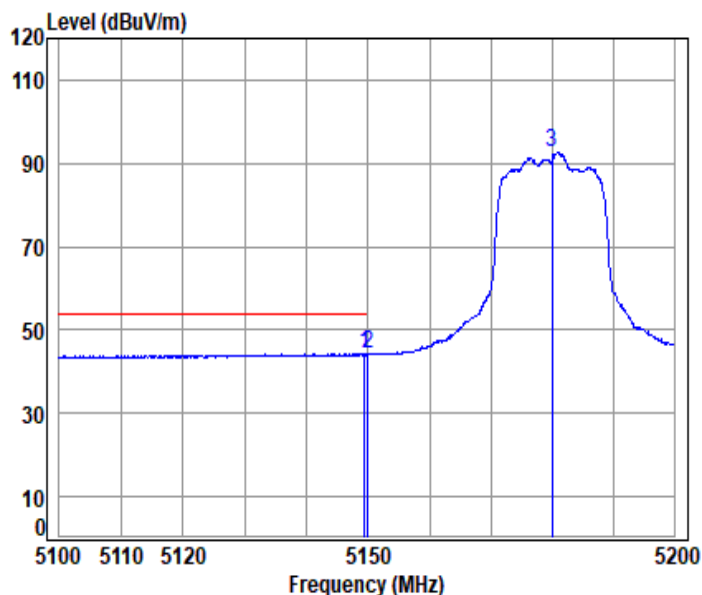
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5129.996	10.06	32.36	30.85	46.69	58.26	74.00	-15.74 Peak
2	5149.980	10.14	32.40	30.84	46.02	57.72	74.00	-16.28 Peak
3	5180.000	10.25	32.46	30.83	91.49	103.37	68.20	35.17 Peak



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11a_TX_CH_36_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

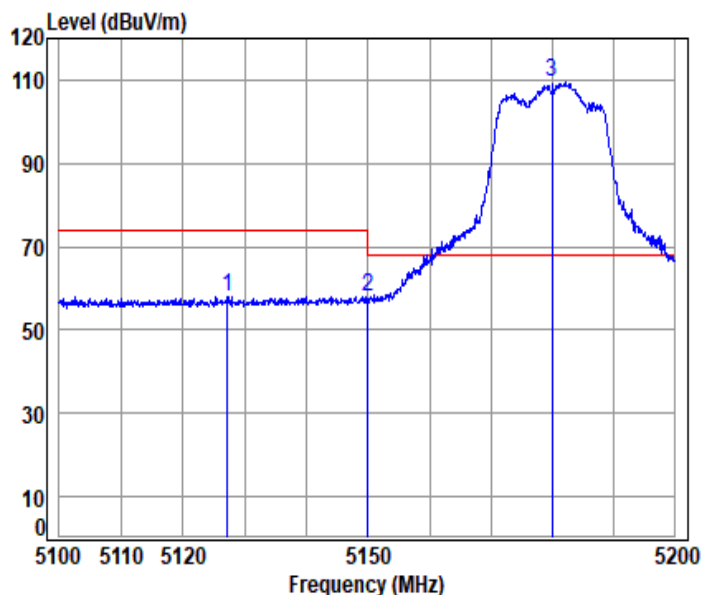
Mode : 5180 Band edge

: 5G WIFI 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	5149.357	10.14	32.40	30.84	32.52	44.22	54.00	-9.78 Average
2 pp	5149.980	10.14	32.40	30.84	32.57	44.27	54.00	-9.73 Average
3	5180.000	10.25	32.46	30.83	80.72	92.60	-----	----- Average



11n_HT(20M)_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11N20 MIMO

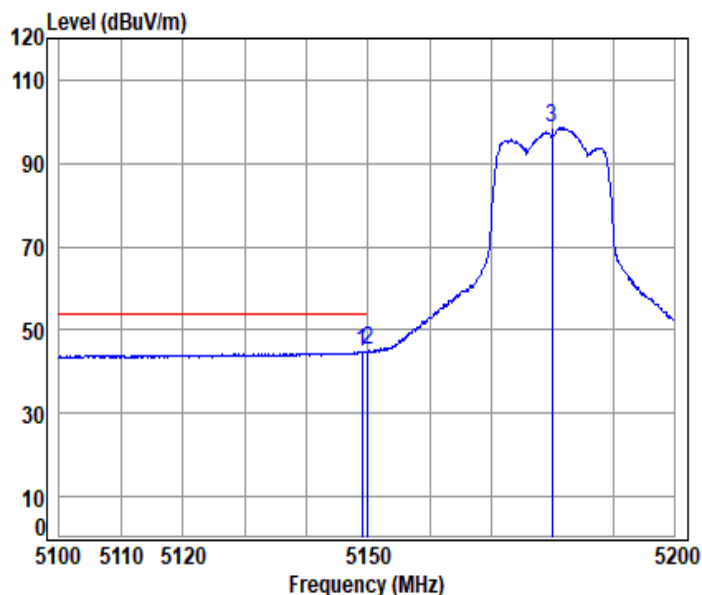
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5127.107	10.05	32.35	30.85	46.43	57.98	74.00	-16.02 peak
2	5149.980	10.14	32.40	30.84	46.12	57.82	74.00	-16.18 peak
3 pp	5180.000	10.25	32.46	30.83	97.57	109.45	68.20	41.25 peak



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11n_HT(20M)_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.057	10.14	32.40	30.84	33.02	44.72	54.00	-9.28 Average
2 pp	5149.980	10.14	32.40	30.84	33.25	44.95	54.00	-9.05 Average
3	5180.000	10.25	32.46	30.83	86.61	98.49	-----	----- Average



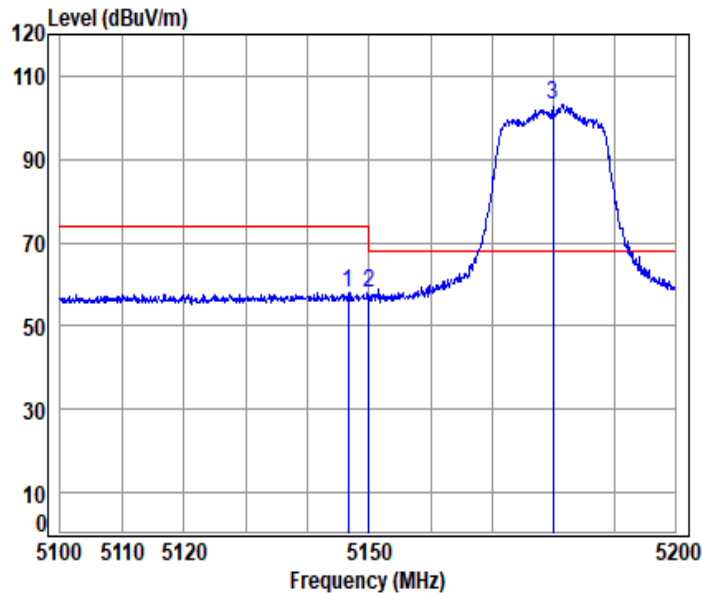
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

11n_HT(20M)_TX_CH_36_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

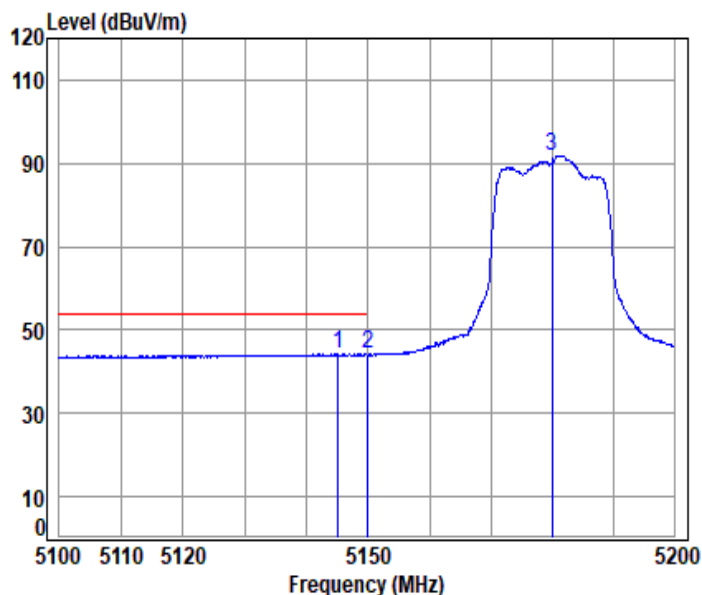
Mode : 5180 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.558	10.13	32.39	30.84	46.35	58.03	74.00	-15.97	Peak
2	5149.980	10.14	32.40	30.84	46.32	58.02	74.00	-15.98	Peak
3	5180.000	10.25	32.46	30.83	91.15	103.03	68.20	34.83	Peak



11n_HT(20M)_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11N20 MIMO

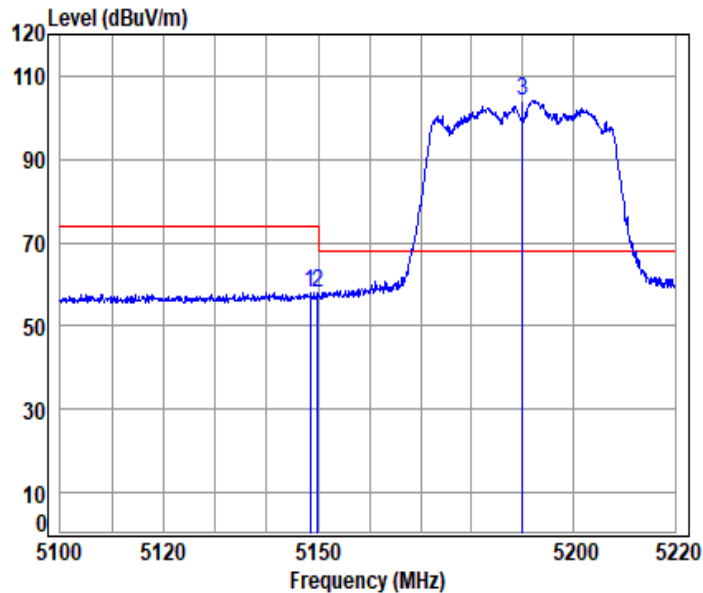
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5145.159	10.12	32.39	30.84	32.56	44.23	54.00	-9.77 Average
2	5149.980	10.14	32.40	30.84	32.44	44.14	54.00	-9.86 Average
3	5180.000	10.25	32.46	30.83	80.03	91.91	-----	----- Average



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11n_HT(40M)_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

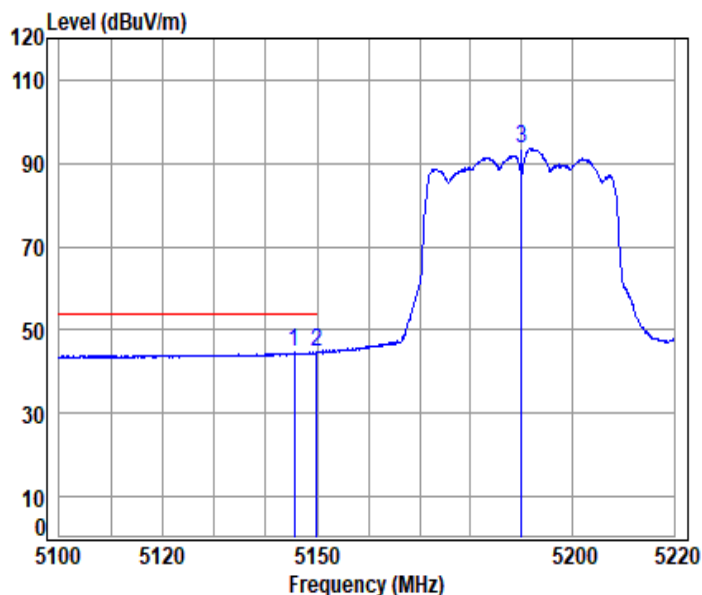
Mode : 5190 Band edge

: 5G WIFI 11N40 MIMO

		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	5148.503	10.13	32.40	30.84	46.35	58.04	74.00	-15.96 peak
2	5149.980	10.14	32.40	30.84	46.23	57.93	74.00	-16.07 peak
3	5190.000	10.29	32.48	30.82	92.19	104.14	68.20	35.94 peak



11n_HT(40M)_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5190 Band edge

: 5G WIFI 11N40 MIMO

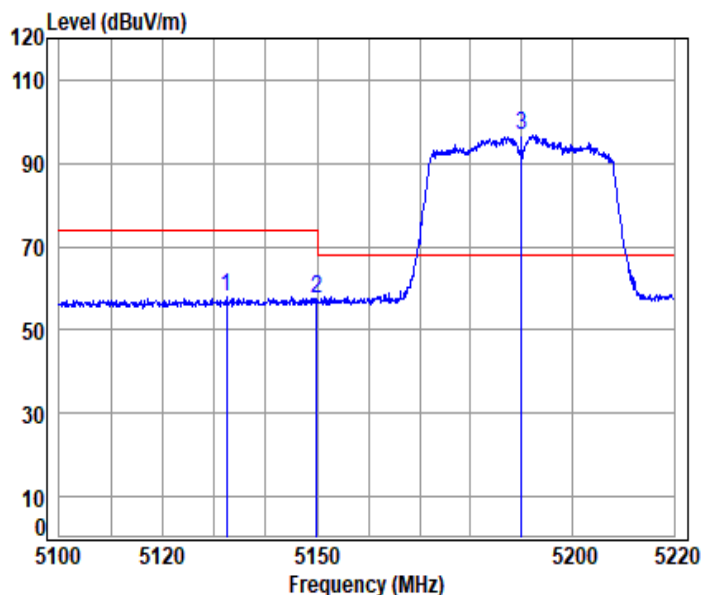
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5145.630	10.12	32.39	30.84	33.00	44.67	54.00	-9.33 Average
2	5149.980	10.14	32.40	30.84	32.86	44.56	54.00	-9.44 Average
3	5190.000	10.29	32.48	30.82	81.51	93.46	-----	----- Average



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11n_HT(40M)_TX_CH_38_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5190 Band edge

: 5G WIFI 11N40 MIMO

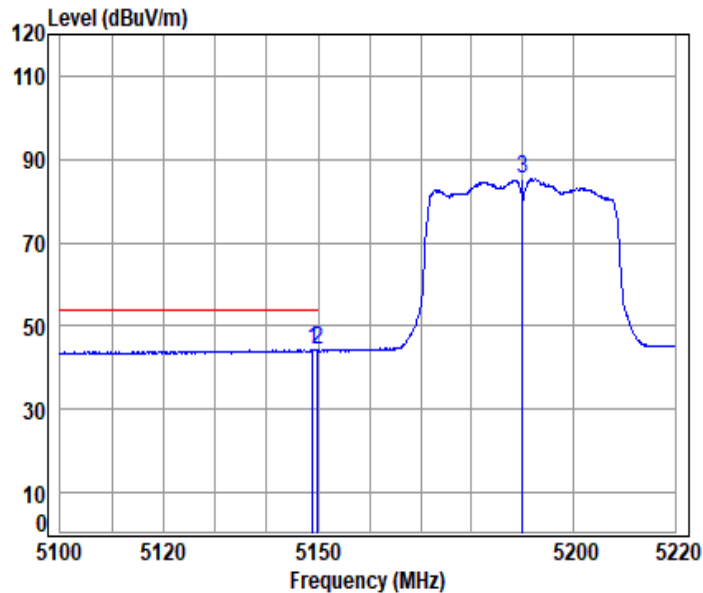
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5132.364	10.07	32.36	30.85	46.41	57.99	74.00	-16.01	Peak
2	5149.980	10.14	32.40	30.84	45.82	57.52	74.00	-16.48	Peak
3 pp	5190.000	10.29	32.48	30.82	84.78	96.73	68.20	28.53	Peak



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11n_HT(40M)_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

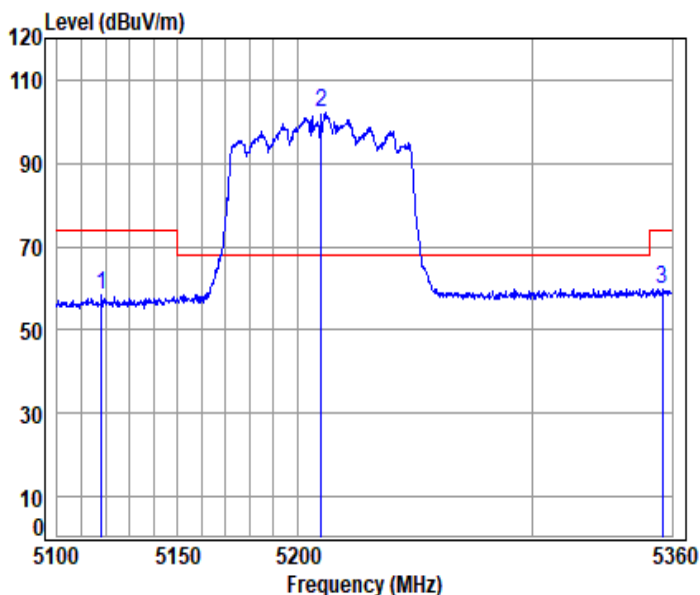
Mode : 5190 Band edge

: 5G WIFI 11N40 MIMO

		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	5148.982	10.14	32.40	30.84	32.53	44.23	54.00	-9.77 Average
2 pp	5149.980	10.14	32.40	30.84	32.61	44.31	54.00	-9.69 Average
3	5190.000	10.29	32.48	30.82	73.20	85.15	-----	----- Average



11ac_VHT(80M)_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5210 Band edge

: 5G WIFI 11AC80 MIMO

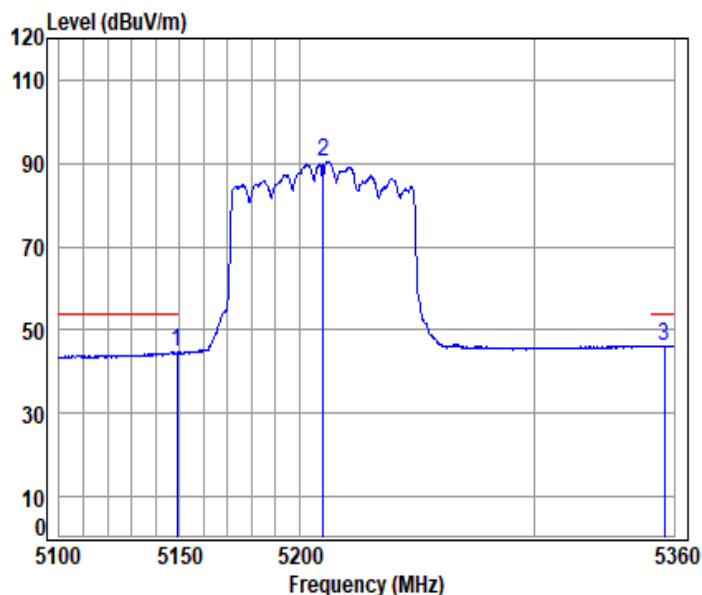
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5118.291	10.02	32.34	30.85	46.74	58.25	74.00	-15.75 peak
2	5210.000	10.32	32.52	30.82	90.08	102.10	68.20	33.90 peak
3	5356.004	10.47	32.80	30.76	47.25	59.76	74.00	-14.24 peak



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11ac_VHT(80M)_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5210 Band edge

: 5G WIFI 11AC80 MIMO

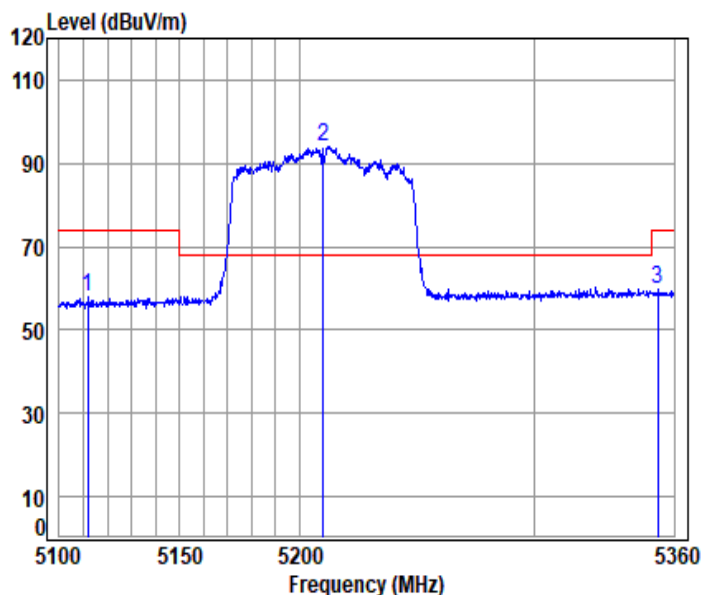
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.667	10.13	32.40	30.84	32.97	44.66	54.00	-9.34	Average
2	5210.000	10.32	32.52	30.82	78.47	90.49	-----	-----	Average
3	pp 5355.737	10.47	32.80	30.76	33.75	46.26	54.00	-7.74	Average



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11ac_VHT(80M)_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5210 Band edge

: 5G WIFI 11AC80 MIMO

		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	5111.933	10.00	32.32	30.86	46.29	57.75	74.00	-16.25 Peak
2	5210.000	10.32	32.52	30.82	82.19	94.21	68.20	26.01 Peak
3	5353.075	10.46	32.80	30.76	47.44	59.94	74.00	-14.06 Peak



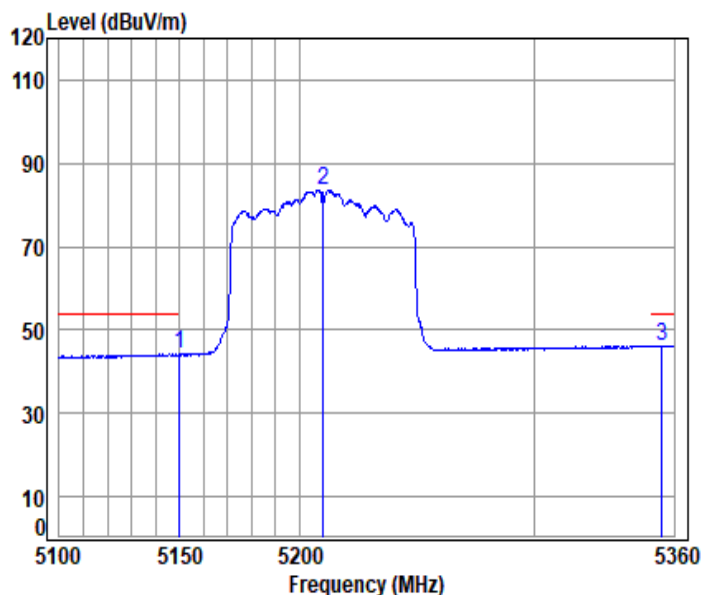
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Shenzhen Branch Inspection & Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
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(80M)_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5210 Band edge

: 5G WIFI 11AC80 MIMO

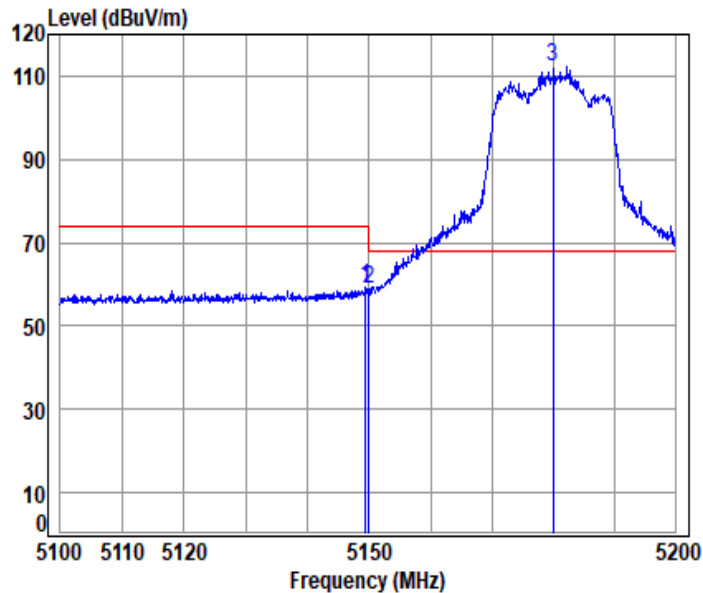
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.947	10.14	32.40	30.84	32.62	44.32	54.00	-9.68 Average
2	5210.000	10.32	32.52	30.82	71.65	83.67	-----	----- Average
3	pp 5354.938	10.47	32.80	30.76	33.70	46.21	54.00	-7.79 Average



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11ax_20M_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11AX20 MIMO

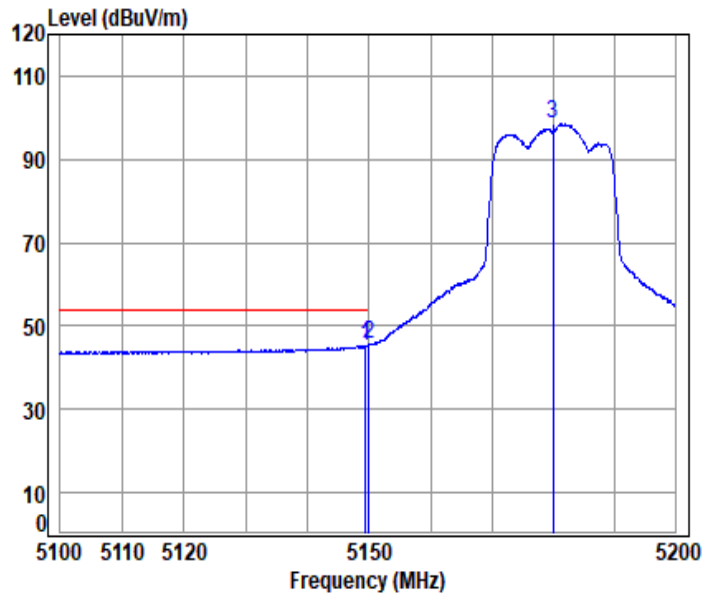
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.357	10.14	32.40	30.84	47.62	59.32	74.00	-14.68 peak
2	5149.980	10.14	32.40	30.84	47.15	58.85	74.00	-15.15 peak
3	5180.000	10.25	32.46	30.83	100.24	112.12	68.20	43.92 peak



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11ax_20M_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

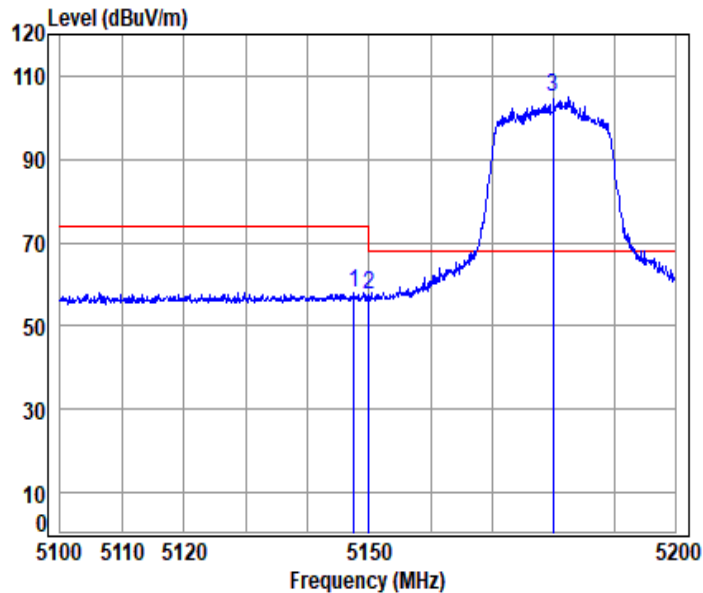
Mode : 5180 Band edge

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.357	10.14	32.40	30.84	33.63	45.33	54.00	-8.67 Average
2 pp	5149.980	10.14	32.40	30.84	34.01	45.71	54.00	-8.29 Average
3	5180.000	10.25	32.46	30.83	86.76	98.64	-----	----- Average



11ax_20M_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11AX20 MIMO

		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	5147.558	10.13	32.40	30.84	46.25	57.94	74.00	-16.06 Peak
2	5149.980	10.14	32.40	30.84	45.85	57.55	74.00	-16.45 Peak
3	5180.000	10.25	32.46	30.83	92.91	104.79	68.20	36.59 Peak



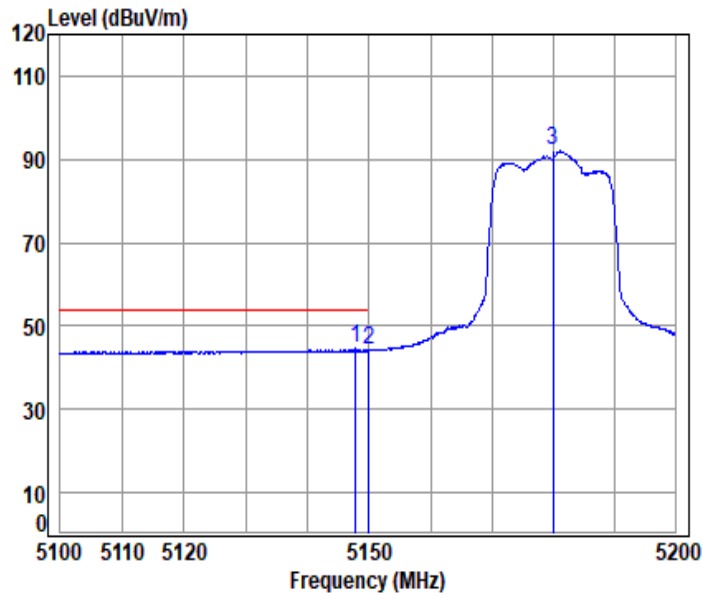
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11ax_20M_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11AX20 MIMO

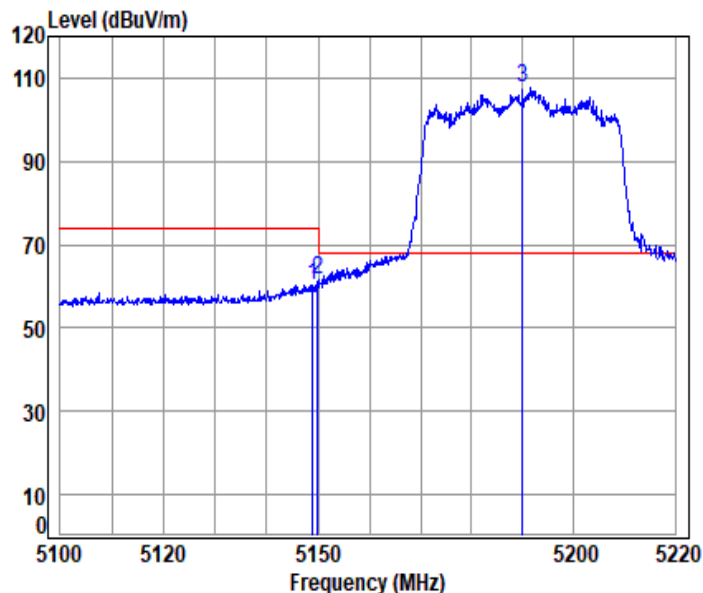
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5147.758	10.13	32.40	30.84	32.80	44.49	54.00	-9.51 Average
2	5149.980	10.14	32.40	30.84	32.58	44.28	54.00	-9.72 Average
3	5180.000	10.25	32.46	30.83	80.17	92.05	-----	----- Average



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11ax_40M_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5190 Band edge

: 5G WIFI 11AX40 MIMO

		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	5148.982	10.14	32.40	30.84	48.60	60.30	74.00	-13.70 peak
2	5149.980	10.14	32.40	30.84	50.04	61.74	74.00	-12.26 peak
3	5190.000	10.29	32.48	30.82	95.62	107.57	68.20	39.37 peak



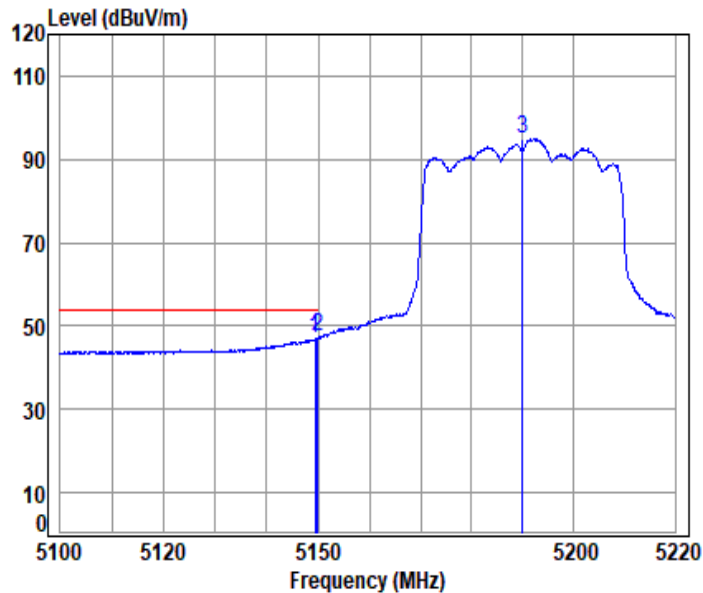
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11ax_40M_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5190 Band edge

: 5G WIFI 11AX40 MIMO

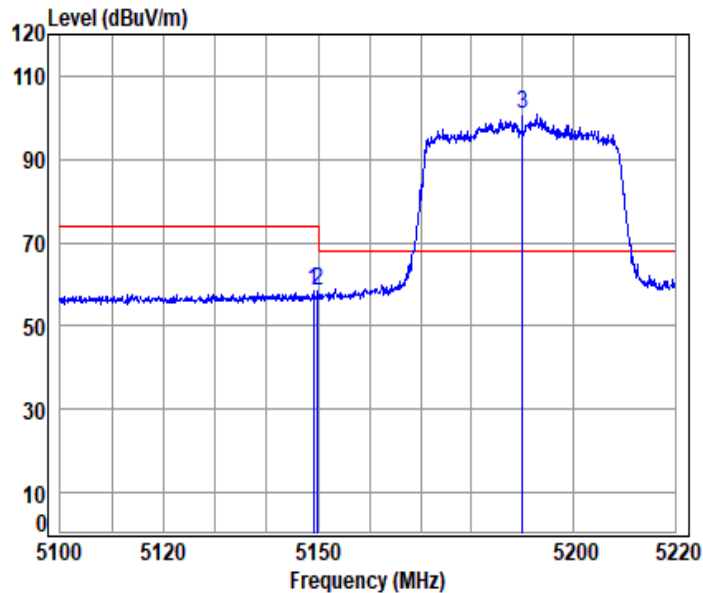
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.461	10.14	32.40	30.84	35.32	47.02	54.00	-6.98 Average
2 pp	5149.980	10.14	32.40	30.84	35.59	47.29	54.00	-6.71 Average
3	5190.000	10.29	32.48	30.82	82.94	94.89	-----	----- Average



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11ax_40M_TX_CH_38_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5190 Band edge

: 5G WIFI 11AX40 MIMO

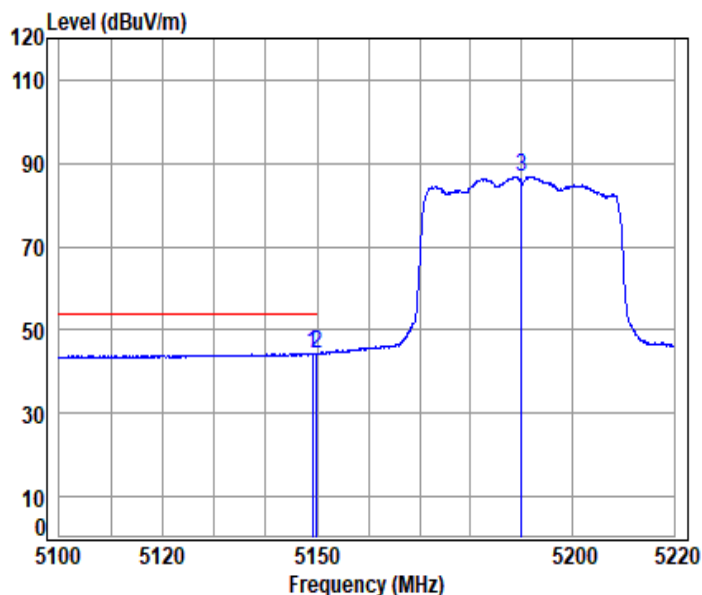
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.102	10.14	32.40	30.84	46.66	58.36	74.00	-15.64	Peak
2	5149.980	10.14	32.40	30.84	46.48	58.18	74.00	-15.82	Peak
3	5190.000	10.29	32.48	30.82	88.66	100.61	68.20	32.41	Peak



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11ax_40M_TX_CH_38_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5190 Band edge

: 5G WIFI 11AX40 MIMO

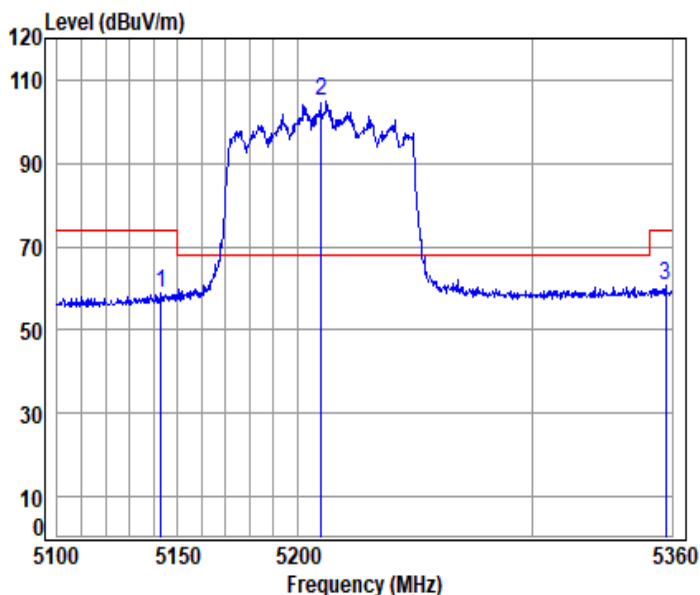
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5149.102	10.14	32.40	30.84	32.78	44.48	54.00	-9.52 Average
2	5149.980	10.14	32.40	30.84	32.60	44.30	54.00	-9.70 Average
3	5190.000	10.29	32.48	30.82	74.89	86.84	-----	----- Average



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11ax_80M_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5210 Band edge

: 5G WIFI 11AX80 MIMO

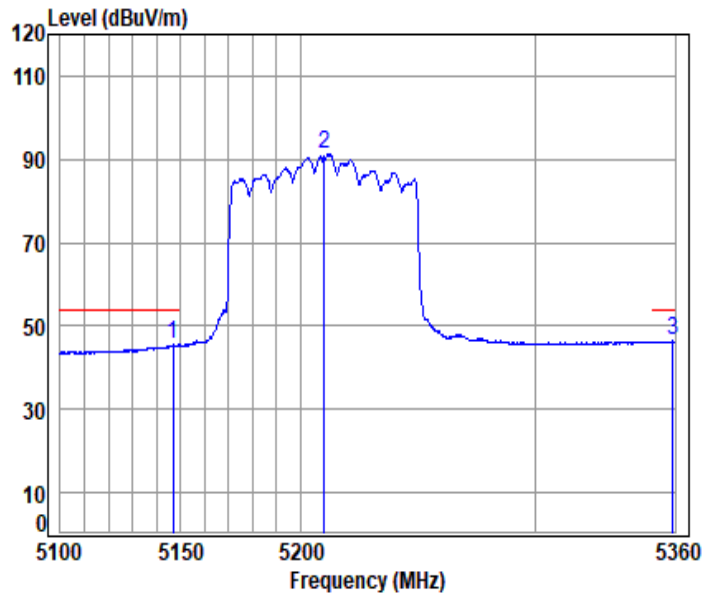
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5143.037	10.11	32.39	30.84	47.00	58.66	74.00	-15.34	peak
2 pp	5210.000	10.32	32.52	30.82	92.70	104.72	68.20	36.52	peak
3	5357.335	10.47	32.80	30.76	48.21	60.72	74.00	-13.28	peak



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11ax_80M_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

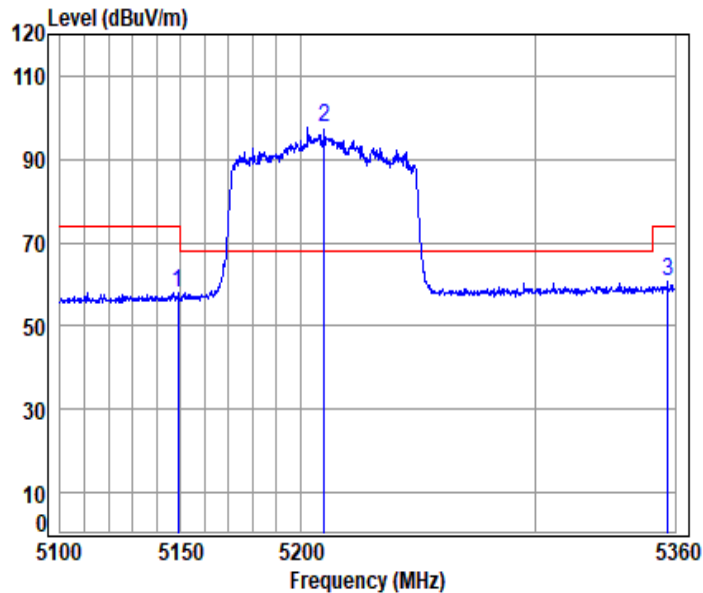
Mode : 5210 Band edge

: 5G WIFI 11AX80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.875	10.13	32.39	30.84	33.82	45.50	54.00	-8.50	Average
2	5210.000	10.32	32.52	30.82	79.23	91.25	-----	-----	Average
3	pp 5358.934	10.48	32.80	30.76	33.80	46.32	54.00	-7.68	Average



11ax_80M_TX_CH_42_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5210 Band edge

: 5G WIFI 11AX80 MIMO

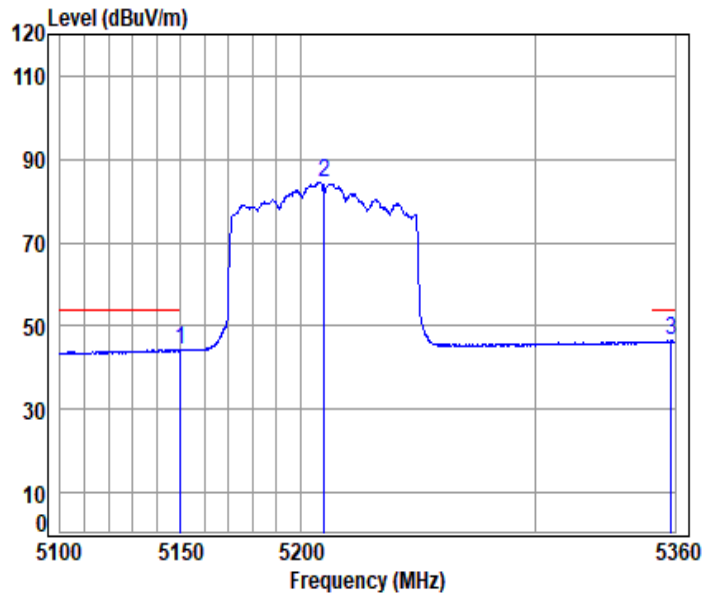
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.922	10.14	32.40	30.84	46.41	58.11	74.00	-15.89 Peak
2 pp	5210.000	10.32	32.52	30.82	85.40	97.42	68.20	29.22 Peak
3	5356.803	10.47	32.80	30.76	48.09	60.60	74.00	-13.40 Peak



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11ax_80M_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5210 Band edge

: 5G WIFI 11AX80 MIMO

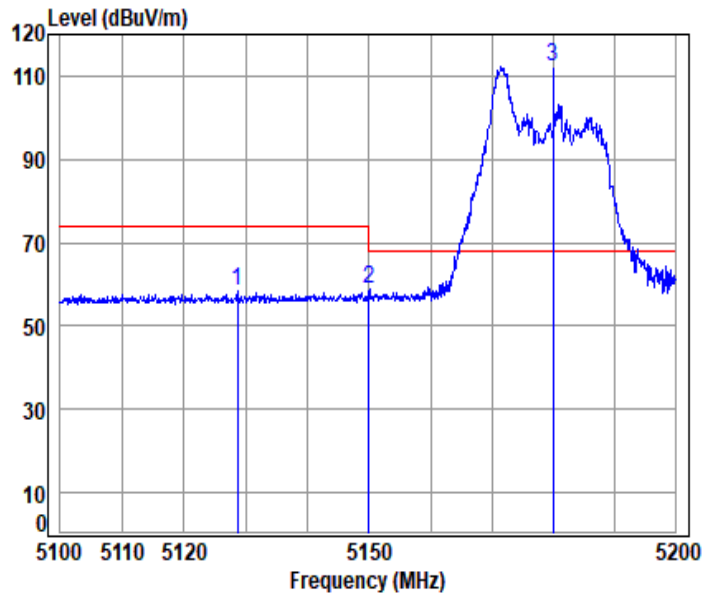
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.690	10.14	32.40	30.84	32.57	44.27	54.00	-9.73 Average
2	5210.000	10.32	32.52	30.82	72.57	84.59	-----	----- Average
3	pp 5358.401	10.48	32.80	30.76	33.85	46.37	54.00	-7.63 Average



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11ax_20M_Partial_RU26_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

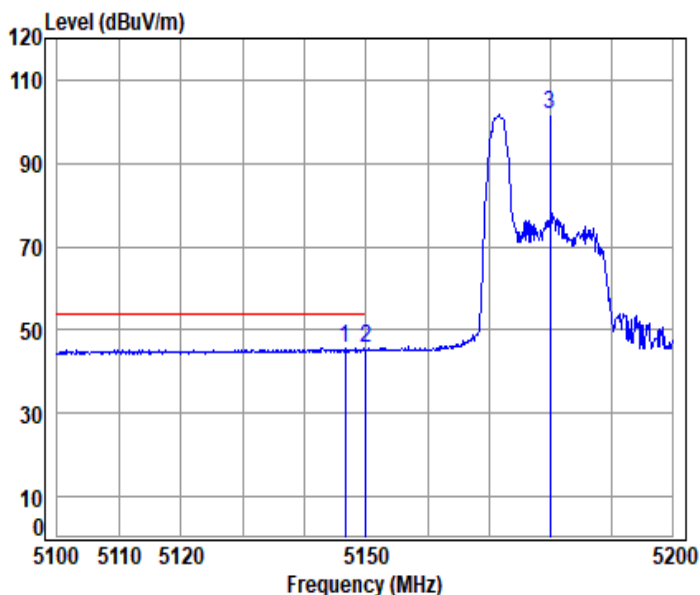
Mode : 5180 Band edge

: 5G WIFI 11AX20 RU26 MIMO

	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	5128.601	10.06	32.36	30.85	46.71	58.28	74.00 -15.72 peak
2	5149.980	10.14	32.40	30.84	47.32	59.02	74.00 -14.98 peak
3	5180.000	10.25	32.46	30.83	100.20	112.08	68.20 43.88 peak



11ax_20M_Partial_RU26_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11AX20 RU26 MIMO

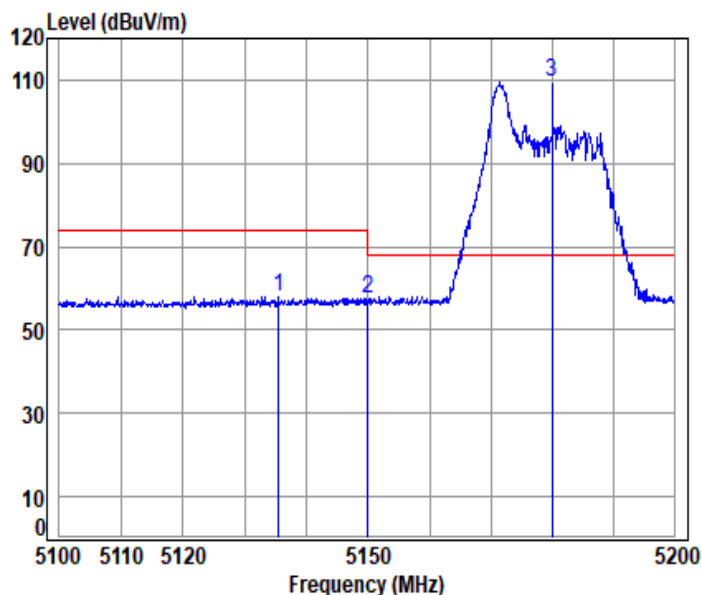
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5146.558	10.13	32.39	30.84	33.97	45.65	54.00	-8.35	Average
2	5149.980	10.14	32.40	30.84	33.88	45.58	54.00	-8.42	Average
3	5180.000	10.25	32.46	30.83	89.98	101.86	-----	-----	Average



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11ax_20M_Partial_RU26_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

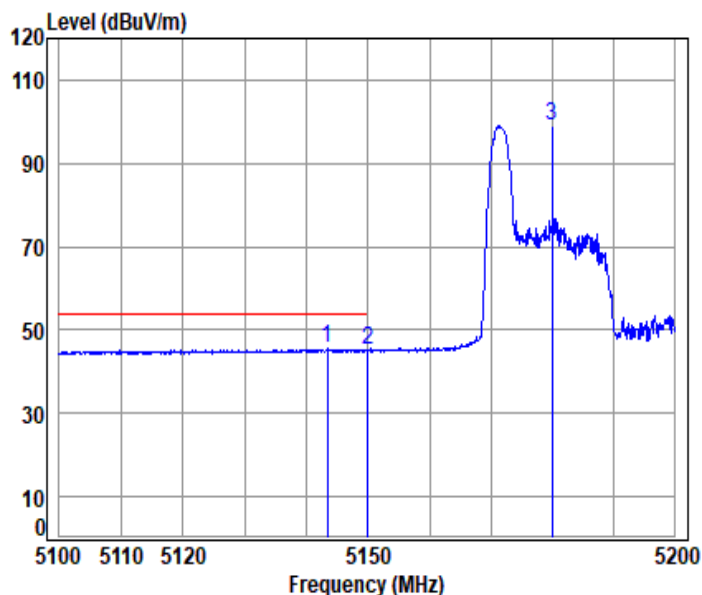
Mode : 5180 Band edge

: 5G WIFI 11AX20 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5135.478	10.08	32.37	30.85	46.52	58.12	74.00	-15.88	Peak
2	5149.980	10.14	32.40	30.84	45.86	57.56	74.00	-16.44	Peak
3	5180.000	10.25	32.46	30.83	97.65	109.53	68.20	41.33	Peak



11ax_20M_Partial_RU26_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11AX20 RU26 MIMO

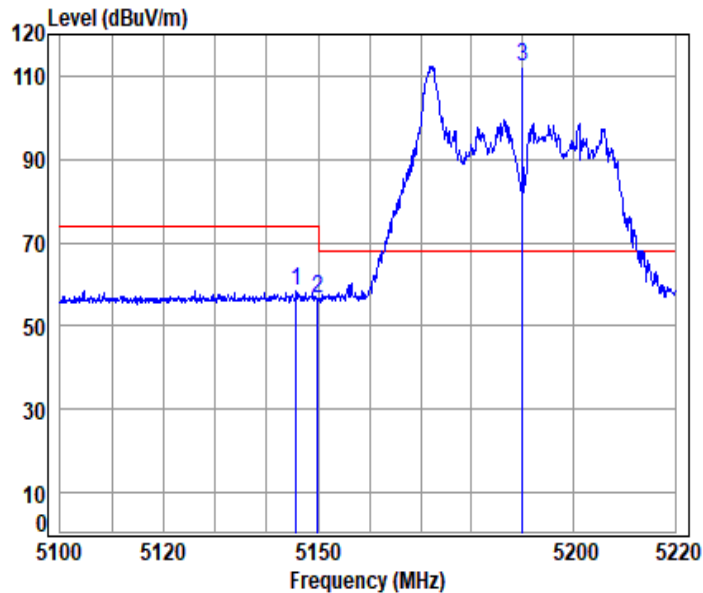
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5143.361	10.11	32.39	30.84	33.81	45.47	54.00	-8.53	Average
2	5149.980	10.14	32.40	30.84	33.56	45.26	54.00	-8.74	Average
3	5180.000	10.25	32.46	30.83	87.26	99.14	-----	-----	Average



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11ax_40M_Partial_RU26_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5190 Band edge

: 5G WIFI 11AX40 RU26 MIMO

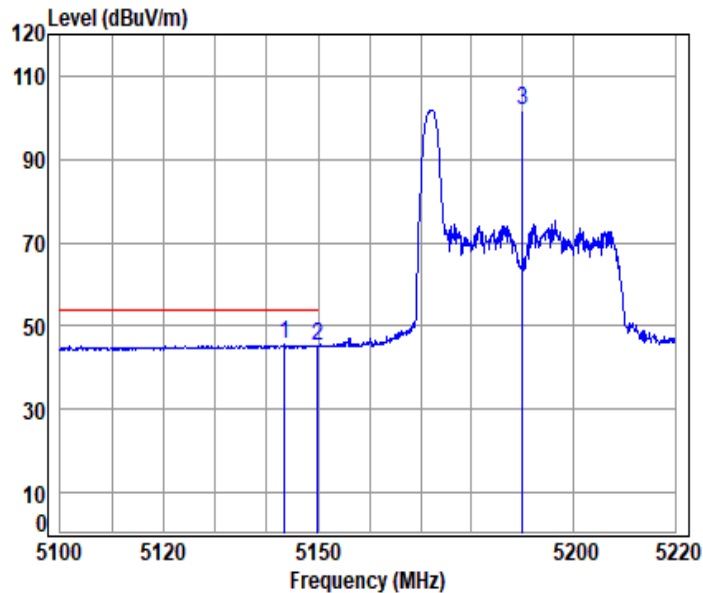
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.750	10.12	32.39	30.84	46.72	58.39	74.00	-15.61	peak
2	5149.980	10.14	32.40	30.84	44.97	56.67	74.00	-17.33	peak
3	5190.000	10.29	32.48	30.82	100.48	112.43	68.20	44.23	peak



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11ax_40M_Partial_RU26_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5190 Band edge

: 5G WIFI 11AX40 RU26 MIMO

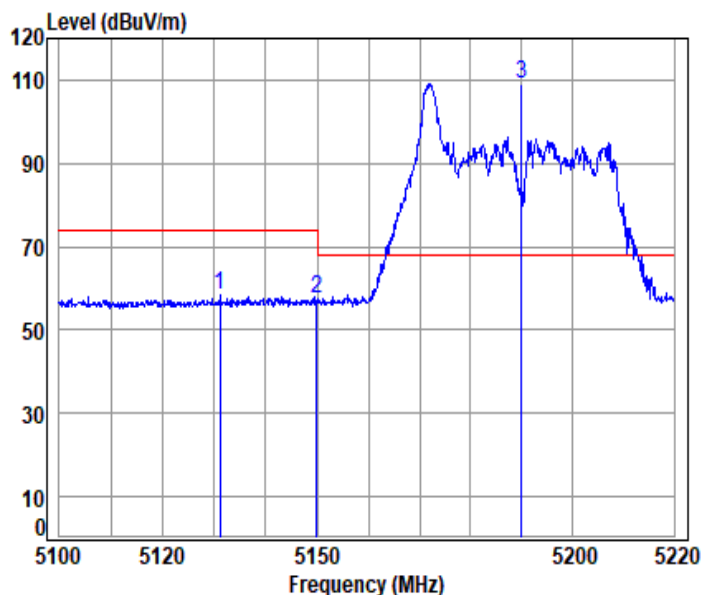
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5143.477	10.12	32.39	30.84	33.85	45.52	54.00	-8.48	Average
2	5149.980	10.14	32.40	30.84	33.53	45.23	54.00	-8.77	Average
3	5190.000	10.29	32.48	30.82	89.95	101.90	-----	-----	Average



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11ax_40M_Partial_RU26_TX_CH_38_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5190 Band edge

: 5G WIFI 11AX40 RU26 MIMO

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5131.051	10.07	32.36	30.85	46.90	58.48	74.00	-15.52 Peak
2	5149.980	10.14	32.40	30.84	45.63	57.33	74.00	-16.67 Peak
3	pp 5190.000	10.29	32.48	30.82	96.99	108.94	68.20	40.74 Peak



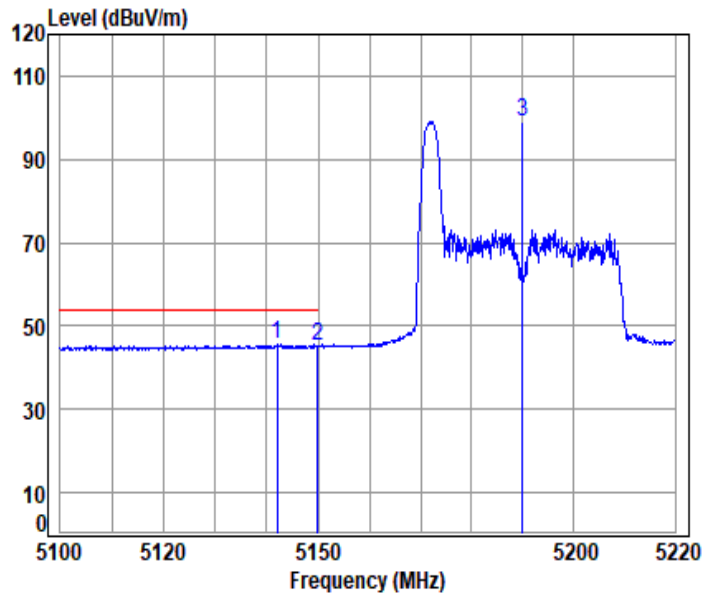
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Shenzhen Branch Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.ssgroup.com.cn
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_40M_Partial_RU26_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

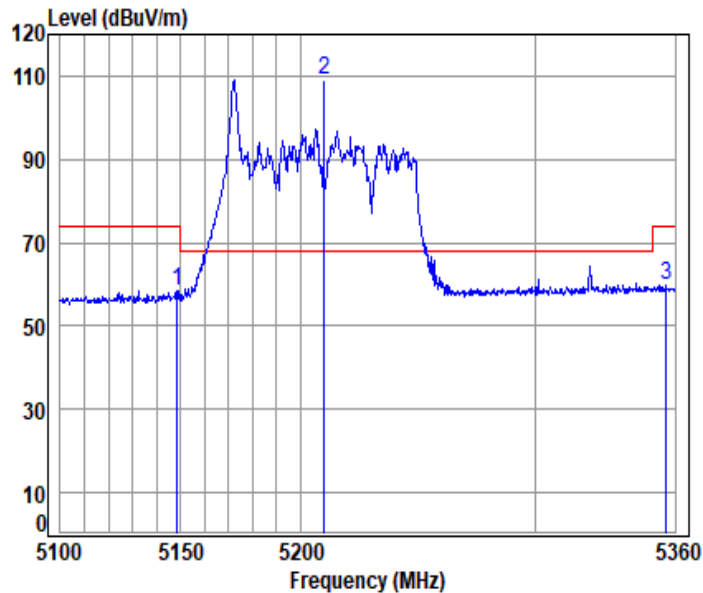
Mode : 5190 Band edge

: 5G WIFI 11AX40 RU26 MIMO

		Cable	Ant	Preamp	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	5142.042	10.11	32.38	30.84	33.86	45.51	54.00	-8.49	Average
2	5149.980	10.14	32.40	30.84	33.51	45.21	54.00	-8.79	Average
3	5190.000	10.29	32.48	30.82	87.14	99.09	-----	-----	Average



11ax_80M_Partial_RU26_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

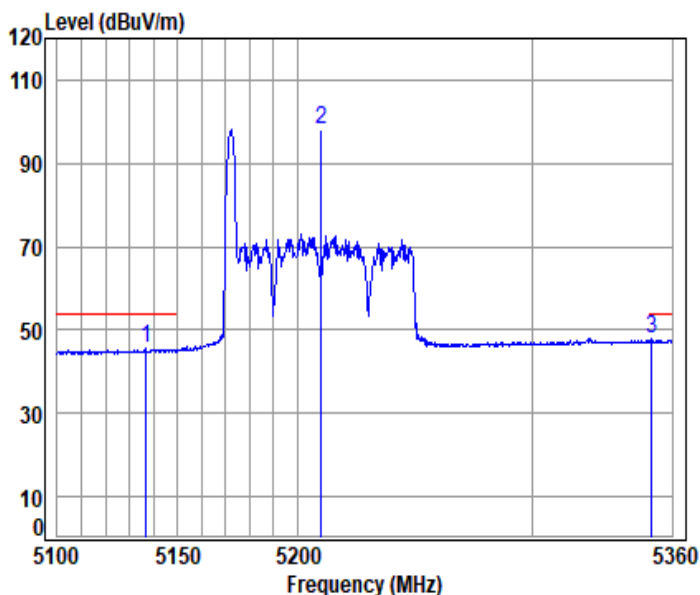
Mode : 5210 Band edge

: 5G WIFI 11AX80 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.410	10.13	32.40	30.84	46.88	58.57	74.00	-15.43	peak
2 pp	5210.000	10.32	32.52	30.82	97.00	109.02	68.20	40.82	peak
3	5356.270	10.47	32.80	30.76	47.31	59.82	74.00	-14.18	peak



11ax_80M_Partial_RU26_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5210 Band edge

: 5G WIFI 11AX80 RU26 MIMO

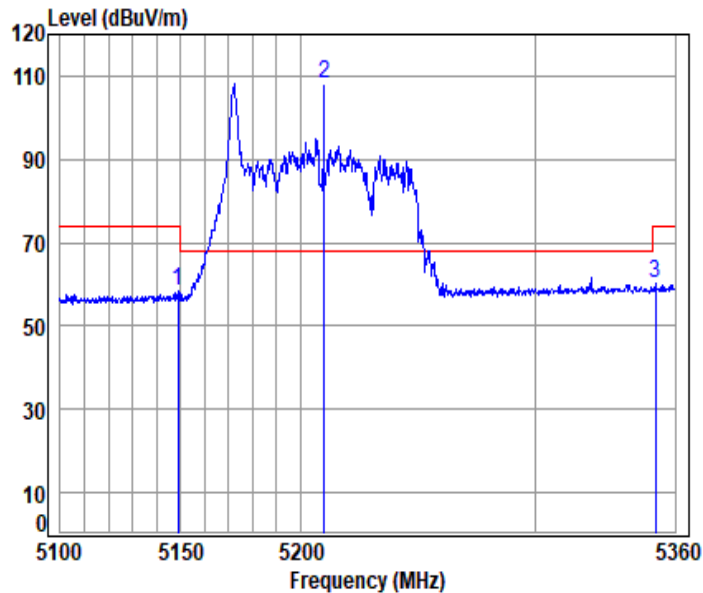
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5136.903	10.09	32.37	30.85	33.95	45.56	54.00	-8.44	Average
2	5210.000	10.32	32.52	30.82	85.91	97.93	-----	-----	Average
3	pp 5351.212	10.45	32.80	30.76	35.29	47.78	54.00	-6.22	Average



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11ax_80M_Partial_RU26_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5210 Band edge

: 5G WIFI 11AX80 RU26 MIMO

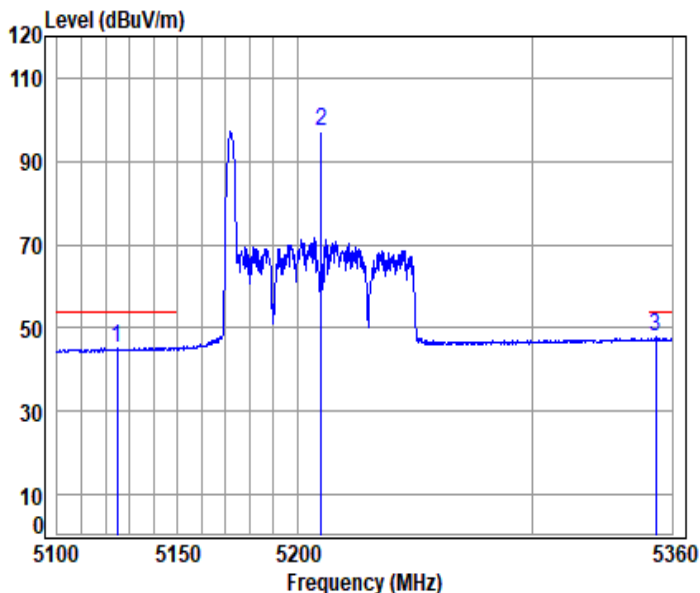
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.922	10.14	32.40	30.84	46.66	58.36	74.00	-15.64	Peak
2 pp	5210.000	10.32	32.52	30.82	95.90	107.92	68.20	39.72	Peak
3	5351.478	10.46	32.80	30.76	47.53	60.03	74.00	-13.97	Peak



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11ax_80M_Partial_RU26_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5210 Band edge

: 5G WIFI 11AX80 RU26 MIMO

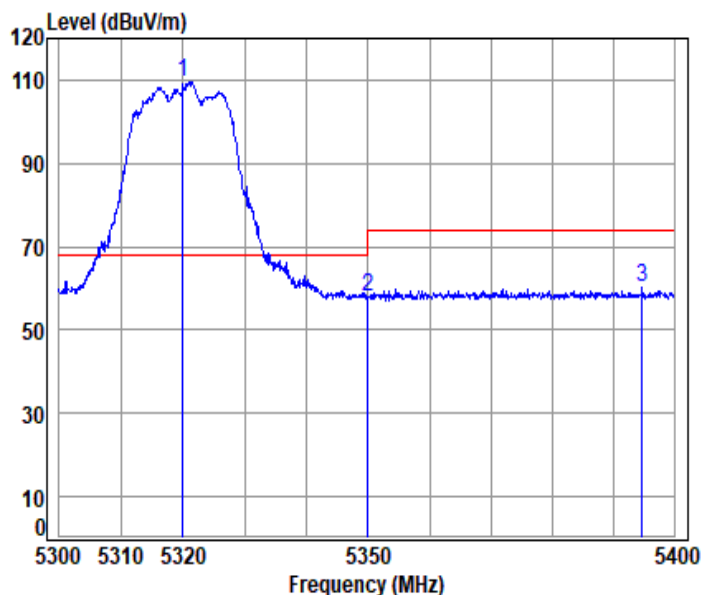
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5124.913	10.04	32.35	30.85	33.75	45.29	54.00	-8.71	Average
2	5210.000	10.32	32.52	30.82	84.99	97.01	-----	-----	Average
3	pp 5352.809	10.46	32.80	30.76	35.19	47.69	54.00	-6.31	Average



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11a_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11A

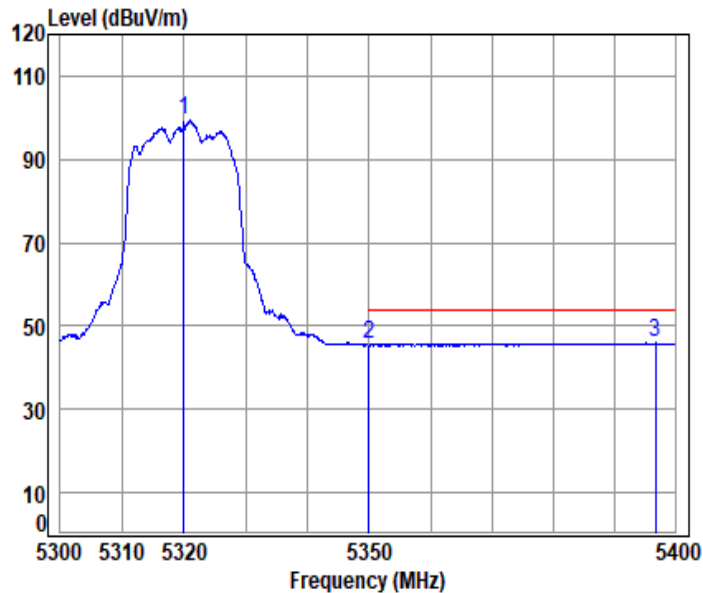
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5320.000	10.35	32.74	30.77	97.32	109.64	68.20	41.44 peak
2	5350.020	10.45	32.80	30.76	45.63	58.12	74.00	-15.88 peak
3	5394.754	10.60	32.80	30.74	47.66	60.32	74.00	-13.68 peak



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11a_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	10.35	32.74	30.77	86.94	99.26	-----	----- Average
2	5350.020	10.45	32.80	30.76	33.07	45.56	54.00	-8.44 Average
3	pp 5396.771	10.61	32.80	30.74	33.21	45.88	54.00	-8.12 Average



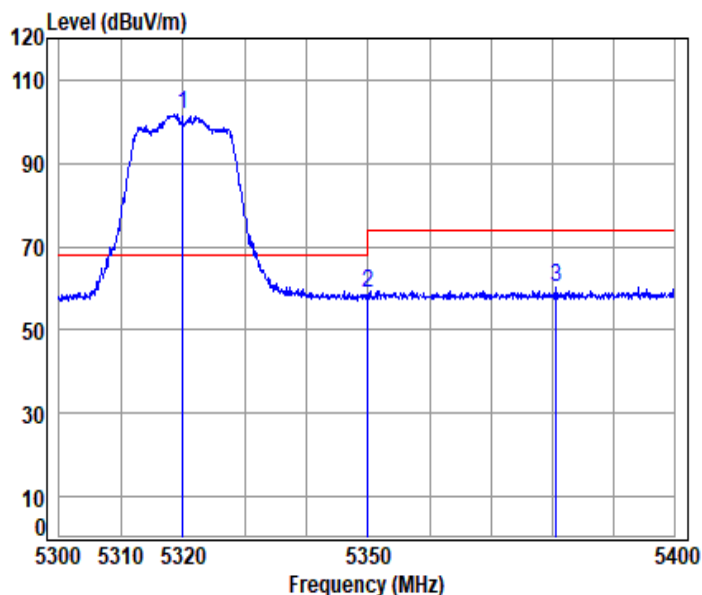
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No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

11a_TX_CH_64_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 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 pp	5320.000	10.35	32.74	30.77	89.48	101.80	68.20	33.60 Peak
2	5350.020	10.45	32.80	30.76	46.20	58.69	74.00	-15.31 Peak
3	5380.755	10.55	32.80	30.75	47.79	60.39	74.00	-13.61 Peak



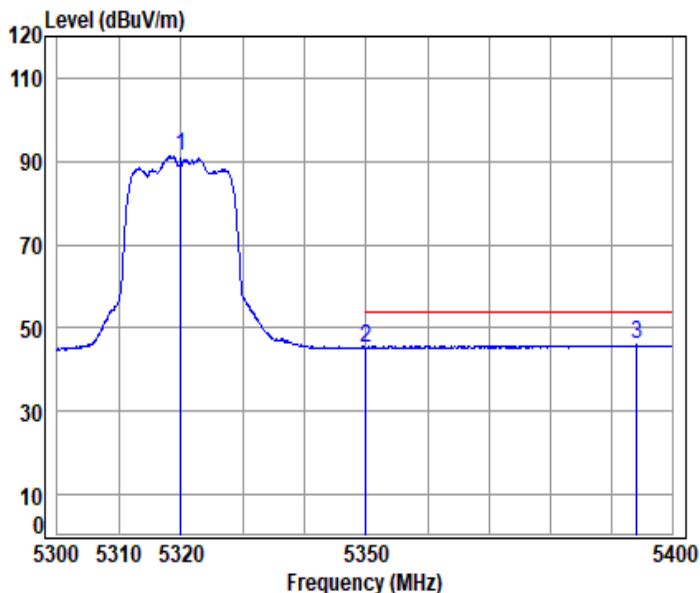
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11a_TX_CH_64_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	10.35	32.74	30.77	78.94	91.26	-----	----- Average
2	5350.020	10.45	32.80	30.76	32.81	45.30	54.00	-8.70 Average
3	pp 5394.250	10.60	32.80	30.74	33.22	45.88	54.00	-8.12 Average



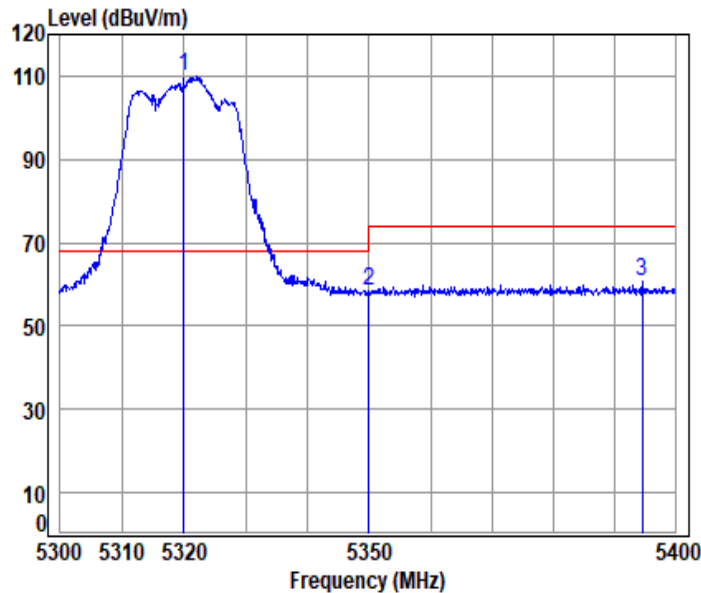
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11n_HT(20M)_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

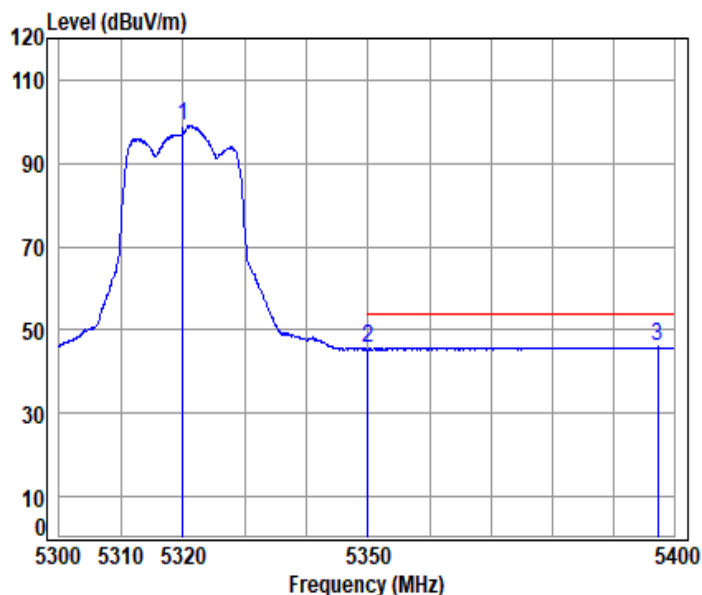
Mode : 5320 Band edge

: 5G WIFI 11N20 MIMO

		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 pp	5320.000	10.35	32.74	30.77	97.56	109.88	68.20	41.68 peak
2	5350.020	10.45	32.80	30.76	45.84	58.33	74.00	-15.67 peak
3	5394.653	10.60	32.80	30.74	47.99	60.65	74.00	-13.35 peak



11n_HT(20M)_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11N20 MIMO

		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	5320.000	10.35	32.74	30.77	86.72	99.04	-----	Average
2	5350.020	10.45	32.80	30.76	33.15	45.64	54.00	-8.36 Average
3	5397.376	10.61	32.80	30.74	33.21	45.88	54.00	-8.12 Average



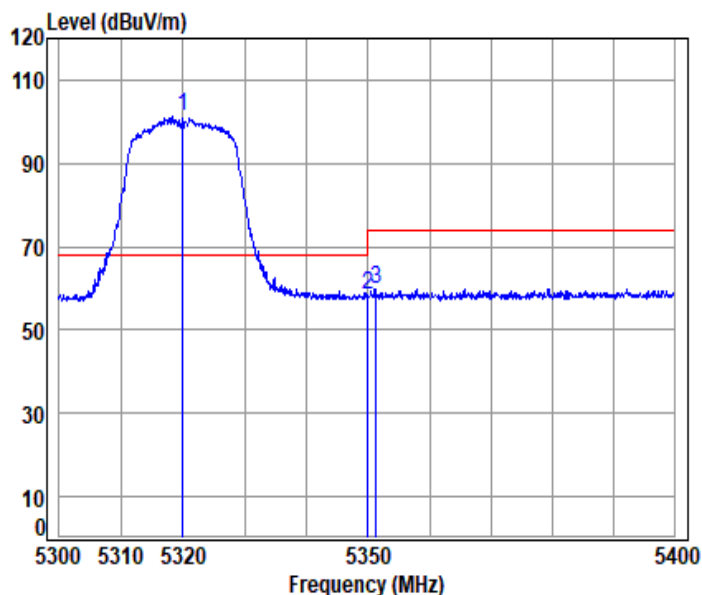
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11n_HT(20M)_TX_CH_64_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11N20 MIMO

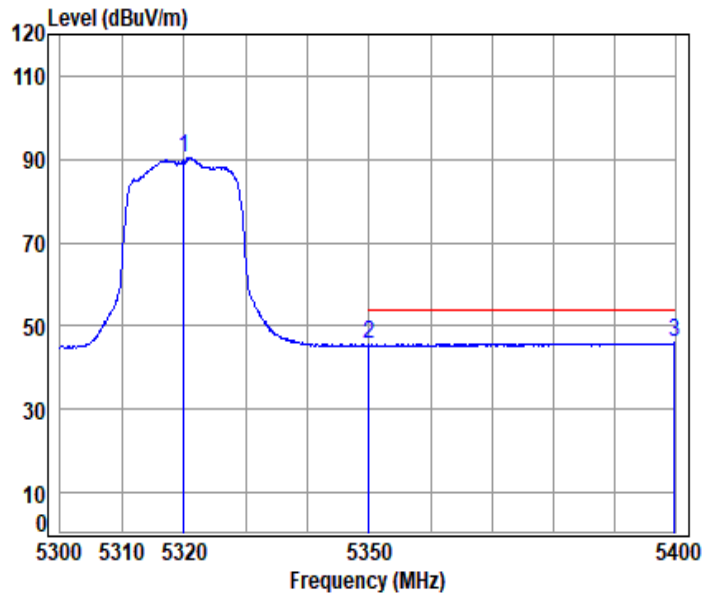
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5320.000	10.35	32.74	30.77	88.90	101.22	68.20	33.02 Peak
2	5350.020	10.45	32.80	30.76	46.13	58.62	74.00	-15.38 Peak
3	5351.267	10.45	32.80	30.76	47.39	59.88	74.00	-14.12 Peak



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11n_HT(20M)_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

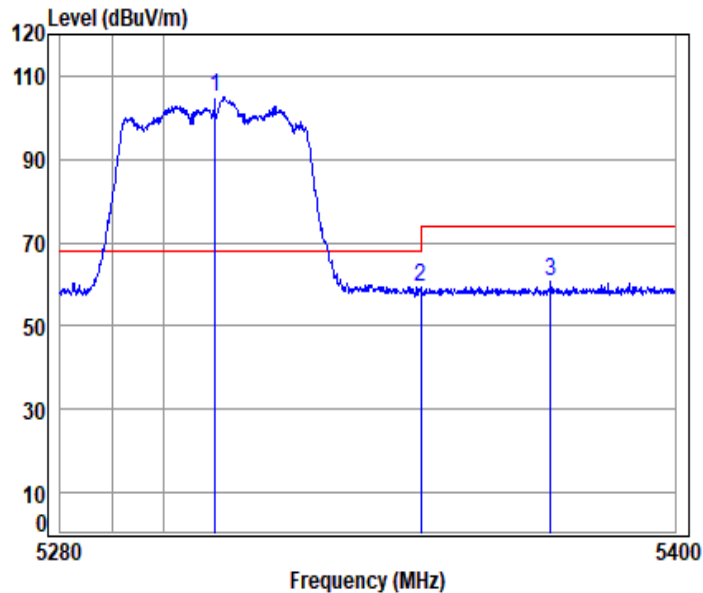
Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11N20 MIMO

	Cable	Ant	Preamp	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	78.07	90.39	-----	----- Average
2 5350.020	10.45	32.80	30.76	32.91	45.40	54.00	-8.60 Average
3 pp 5399.899	10.62	32.80	30.74	33.26	45.94	54.00	-8.06 Average

11n_HT(40M)_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11N40 MIMO

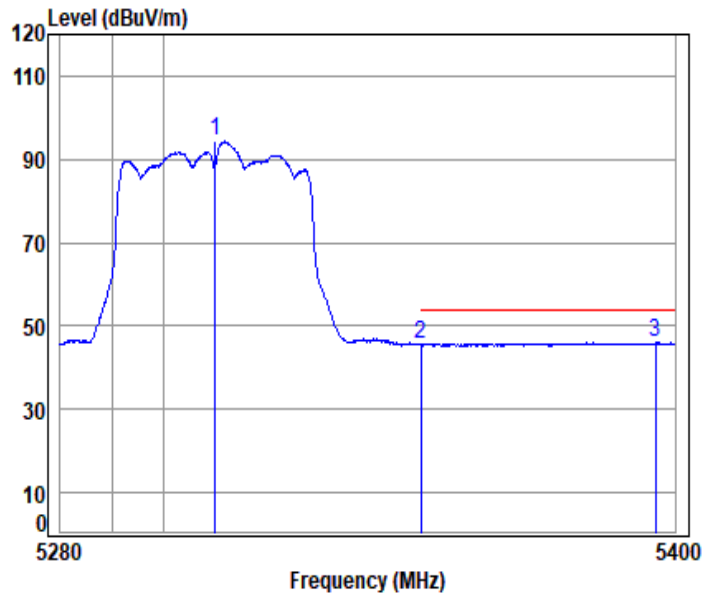
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5310.000	10.31	32.72	30.78	92.83	105.08	68.20	36.88 peak
2	5350.020	10.45	32.80	30.76	46.64	59.13	74.00	-14.87 peak
3	5375.542	10.54	32.80	30.75	47.87	60.46	74.00	-13.54 peak



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11n_HT(40M)_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11N40 MIMO

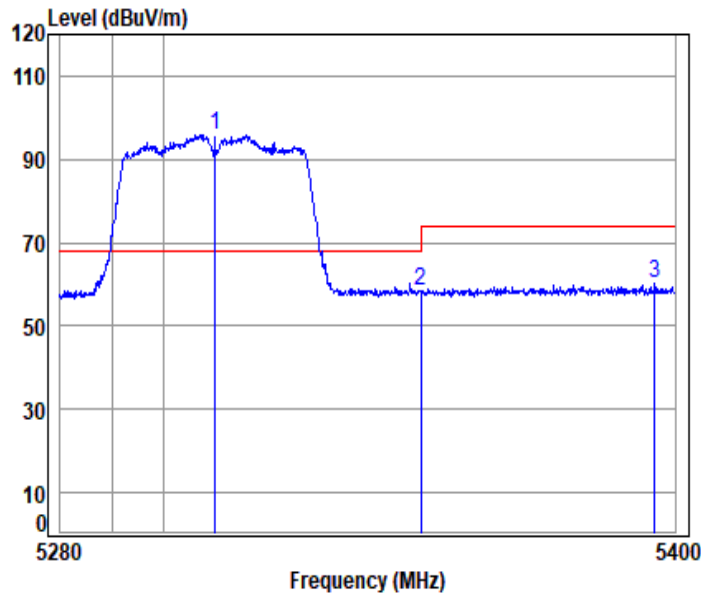
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5310.000	10.31	32.72	30.78	82.02	94.27	-----	----- Average
2	5350.020	10.45	32.80	30.76	33.13	45.62	54.00	-8.38 Average
3	pp 5396.118	10.61	32.80	30.74	33.33	46.00	54.00	-8.00 Average



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11n_HT(40M)_TX_CH_62_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11N40 MIMO

		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 pp	5310.000	10.31	32.72	30.78	83.64	95.89	68.20	27.69 Peak
2	5350.020	10.45	32.80	30.76	46.00	58.49	74.00	-15.51 Peak
3	5395.997	10.61	32.80	30.74	47.56	60.23	74.00	-13.77 Peak



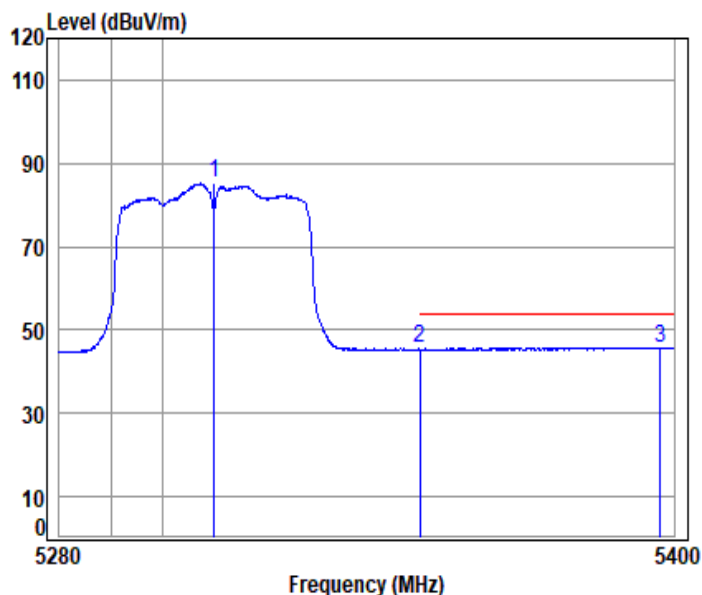
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11n_HT(40M)_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11N40 MIMO

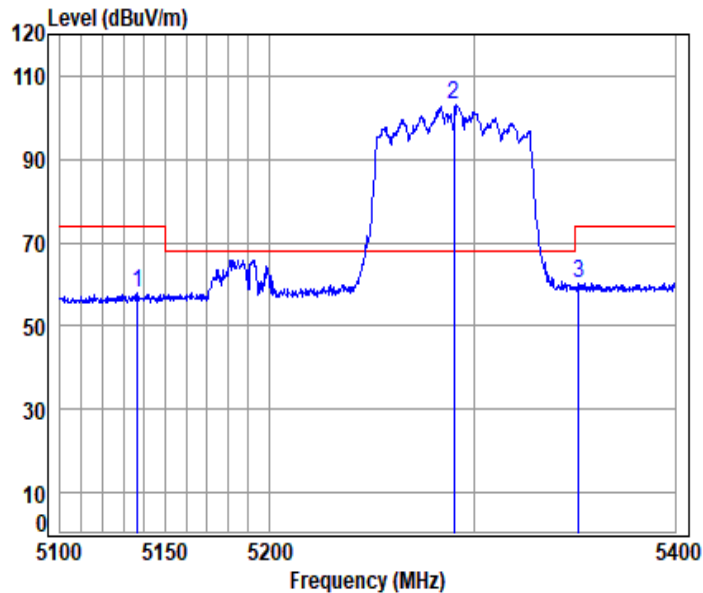
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	73.08	85.33	-----	-----	Average
2	5350.020	10.45	32.80	30.76	32.92	45.41	54.00	-8.59	Average
3	pp 5397.331	10.61	32.80	30.74	33.17	45.84	54.00	-8.16	Average



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11ac_VHT(80M)_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

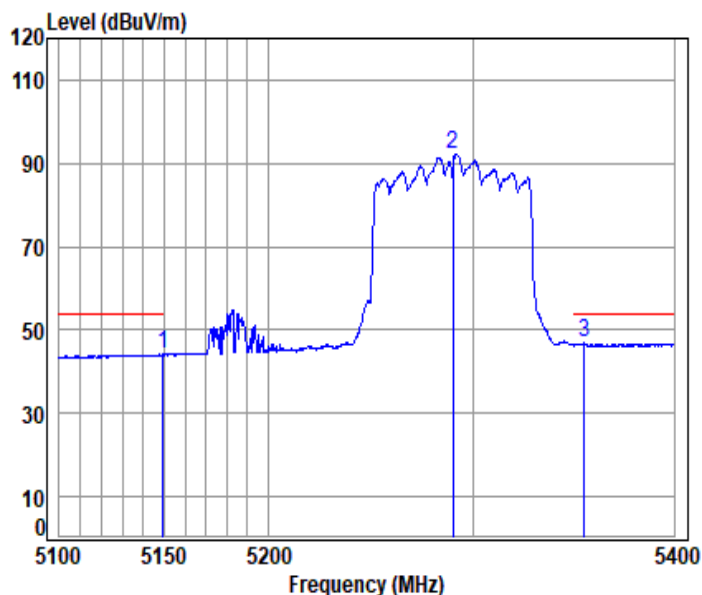
Mode : 5290 Band edge

: 5G WIFI 11AC80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5136.863	10.09	32.37	30.85	46.29	57.90	74.00	-16.10	peak
2 pp	5290.000	10.28	32.68	30.78	90.78	102.96	68.20	34.76	peak
3	5351.758	10.46	32.80	30.76	47.73	60.23	74.00	-13.77	peak



11ac_VHT(80M)_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5290 Band edge

: 5G WIFI 11AC80 MIMO

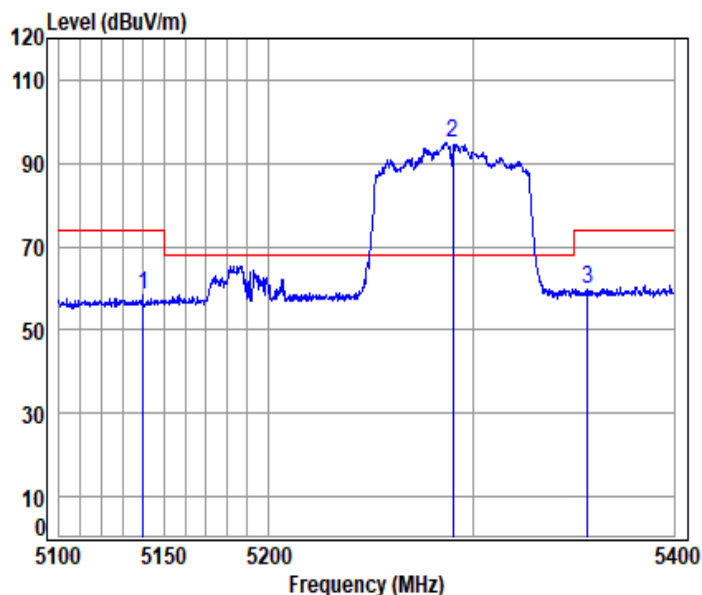
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.503	10.14	32.40	30.84	32.43	44.13	54.00	-9.87 Average
2	5290.000	10.28	32.68	30.78	79.84	92.02	-----	----- Average
3	pp 5355.124	10.47	32.80	30.76	34.28	46.79	54.00	-7.21 Average



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11ac_VHT(80M)_TX_CH_58_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5290 Band edge

: 5G WIFI 11AC80 MIMO

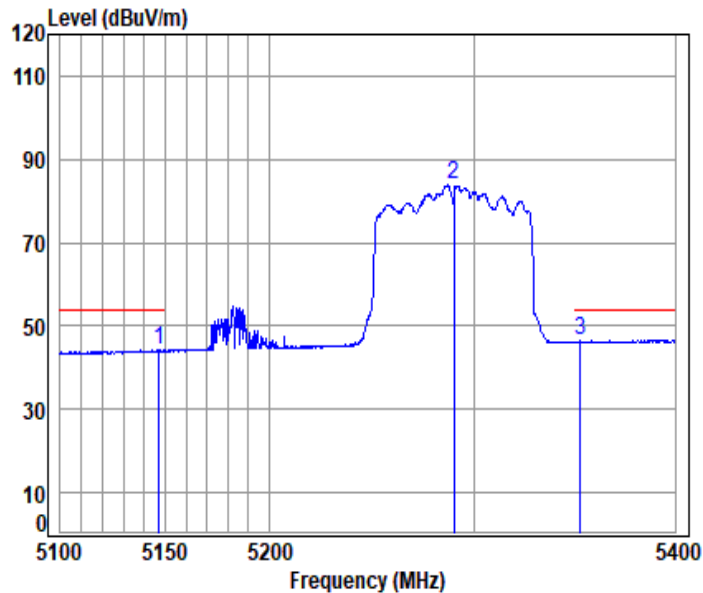
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5139.800	10.10	32.38	30.84	46.97	58.61	74.00	-15.39	Peak
2	5290.000	10.28	32.68	30.78	82.94	95.12	68.20	26.92	Peak
3	5356.654	10.47	32.80	30.76	47.12	59.63	74.00	-14.37	Peak



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11ac_VHT(80M)_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

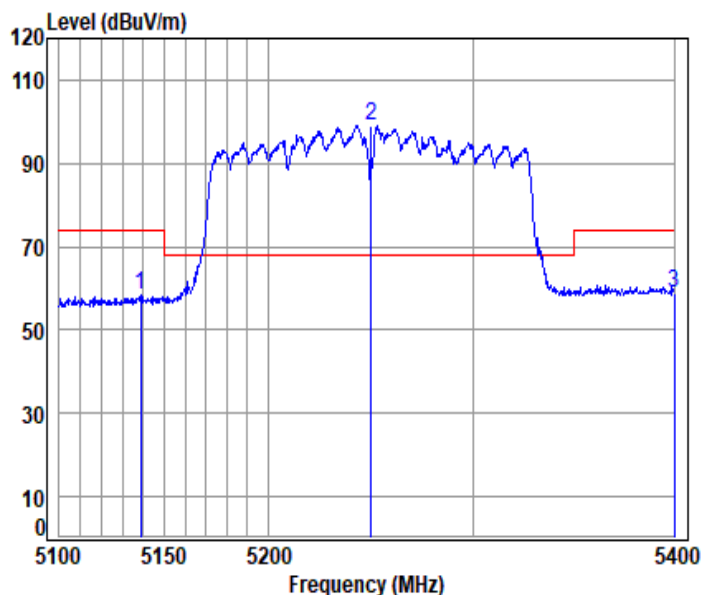
Mode : 5290 Band edge

: 5G WIFI 11AC80 MIMO

		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	5147.149	10.13	32.39	30.84	32.44	44.12	54.00	-9.88 Average
2	5290.000	10.28	32.68	30.78	71.72	83.90	-----	----- Average
3	pp 5352.676	10.46	32.80	30.76	34.00	46.50	54.00	-7.50 Average



11ac_VHT(160M)_TX_CH_50_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5250 Band edge

: 5G WIFI 11AC160 MIMO

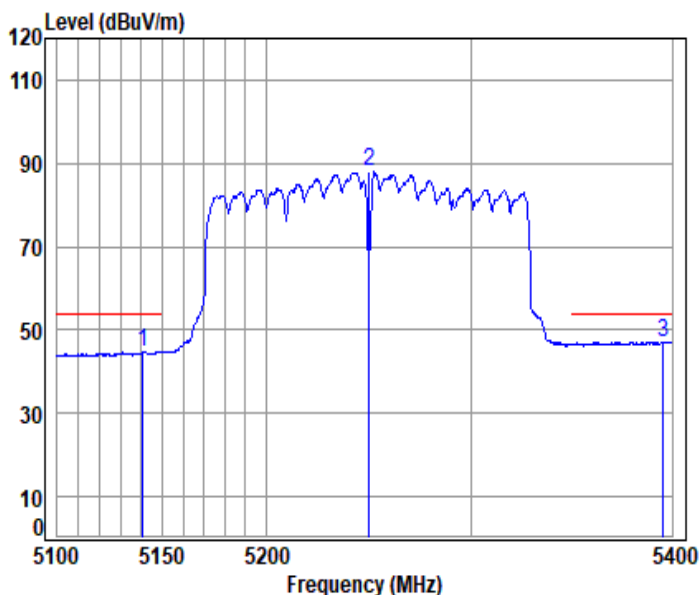
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.918	10.10	32.38	30.84	46.58	58.22	74.00	-15.78	peak
2	5250.000	10.31	32.60	30.80	87.07	99.18	68.20	30.98	peak
3	5400.000	10.62	32.80	30.74	46.10	58.78	74.00	-15.22	peak



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11ac_VHT(160M)_TX_CH_50_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5250 Band edge

: 5G WIFI 11AC160 MIMO

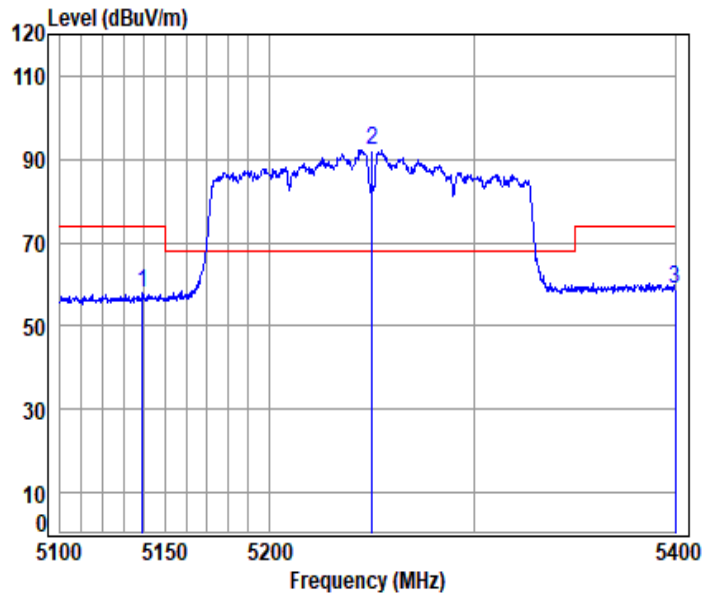
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5140.681	10.10	32.38	30.84	33.26	44.90	54.00	-9.10 Average
2	5250.000	10.31	32.60	30.80	75.75	87.86	-----	----- Average
3	pp 5395.681	10.61	32.80	30.74	34.54	47.21	54.00	-6.79 Average



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11ac_VHT(160M)_TX_CH_50_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5250 Band edge

: 5G WIFI 11AC160 MIMO

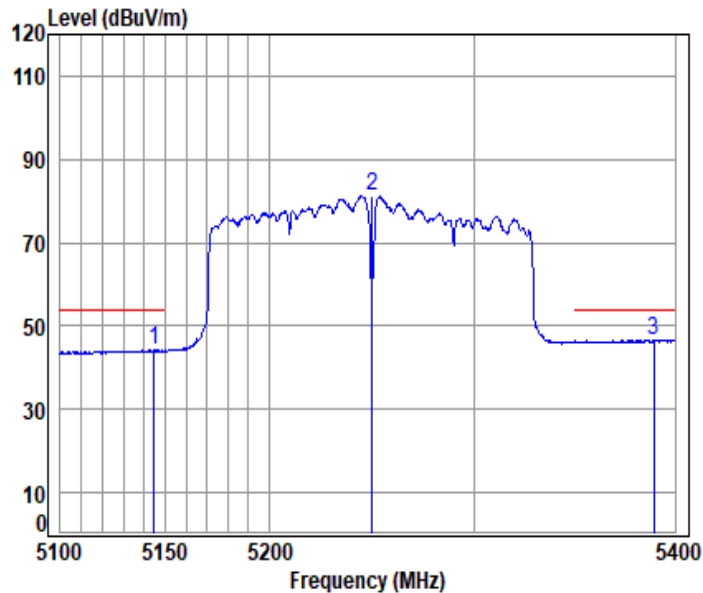
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5139.212	10.10	32.38	30.84	46.12	57.76	74.00	-16.24	Peak
2 pp	5250.000	10.31	32.60	30.80	80.20	92.31	68.20	24.11	Peak
3	5400.000	10.62	32.80	30.74	46.06	58.74	74.00	-15.26	peak



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11ac_VHT(160M)_TX_CH_50_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5250 Band edge

: 5G WIFI 11AC160 MIMO

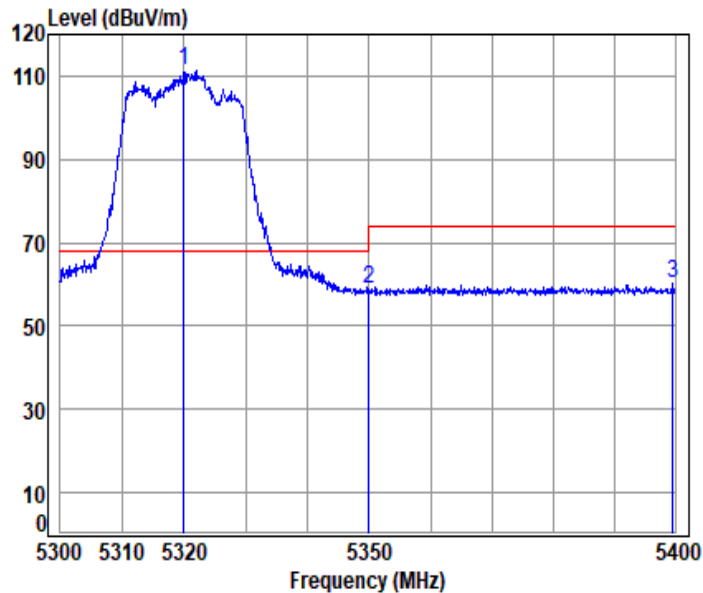
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5144.796	10.12	32.39	30.84	32.45	44.12	54.00	-9.88 Average
2	5250.000	10.31	32.60	30.80	69.17	81.28	-----	----- Average
3	5389.516	10.58	32.80	30.74	34.07	46.71	54.00	-7.29 Average



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11ax_20M_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

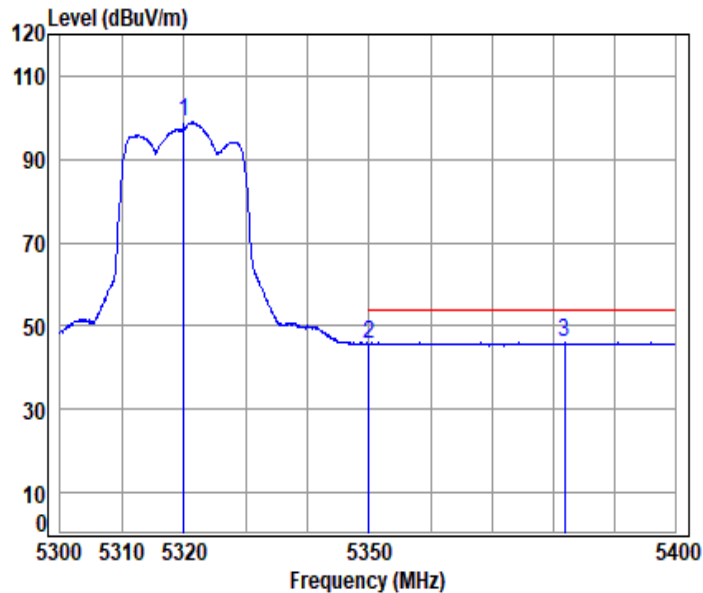
Mode : 5320 Band edge

: 5G WIFI 11AX20 MIMO

		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 pp	5320.000	10.35	32.74	30.77	99.14	111.46	68.20	43.26 peak
2	5350.020	10.45	32.80	30.76	46.49	58.98	74.00	-15.02 peak
3	5399.697	10.62	32.80	30.74	47.44	60.12	74.00	-13.88 peak



11ax_20M_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11AX20 MIMO

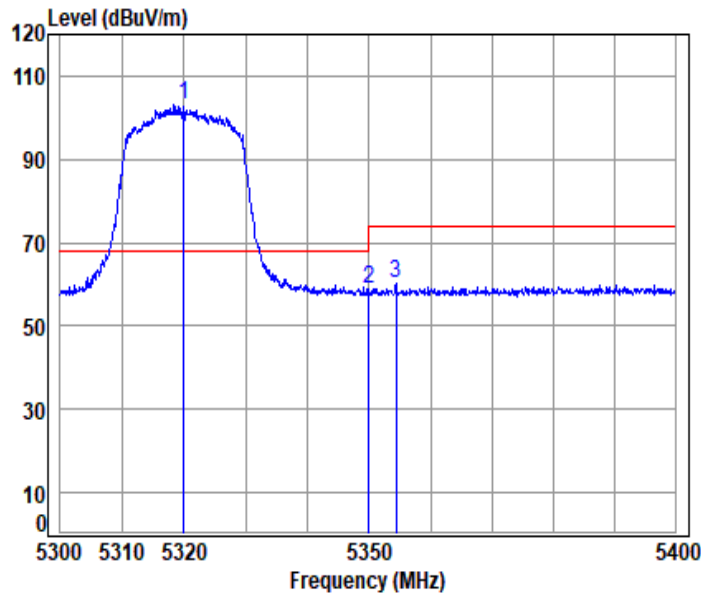
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	86.63	98.95	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.23	45.72	54.00	-8.28	Average
3	pp 5381.862	10.56	32.80	30.75	33.41	46.02	54.00	-7.98	Average



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11ax_20M_TX_CH_64_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11AX20 MIMO

		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 pp	5320.000	10.35	32.74	30.77	90.62	102.94	68.20	34.74 Peak
2	5350.020	10.45	32.80	30.76	46.34	58.83	74.00	-15.17 Peak
3	5354.368	10.46	32.80	30.76	47.53	60.03	74.00	-13.97 Peak



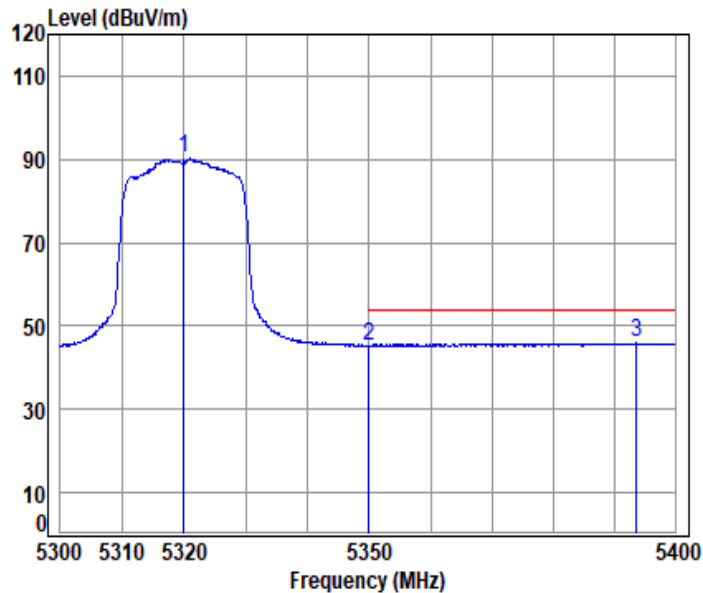
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

11ax_20M_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

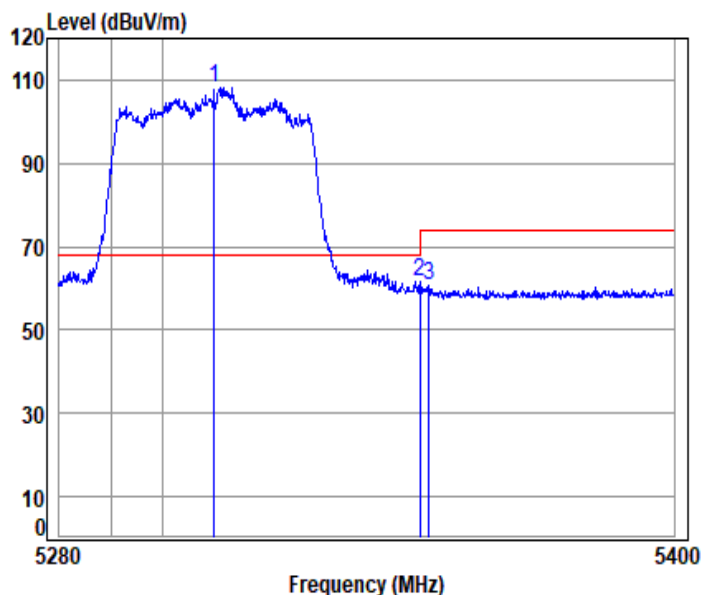
Mode : 5320 Band edge

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	77.81	90.13	-----	-----	Average
2	5350.020	10.45	32.80	30.76	32.86	45.35	54.00	-8.65	Average
3	pp 5393.746	10.60	32.80	30.74	33.21	45.87	54.00	-8.13	Average



11ax_40M_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11AX40 MIMO

		Cable	Ant	Preamp	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	96.02	108.27	68.20	40.07 peak
2	5350.020	10.45	32.80	30.76	48.91	61.40	74.00	-12.60 peak
3	5351.796	10.46	32.80	30.76	48.27	60.77	74.00	-13.23 peak



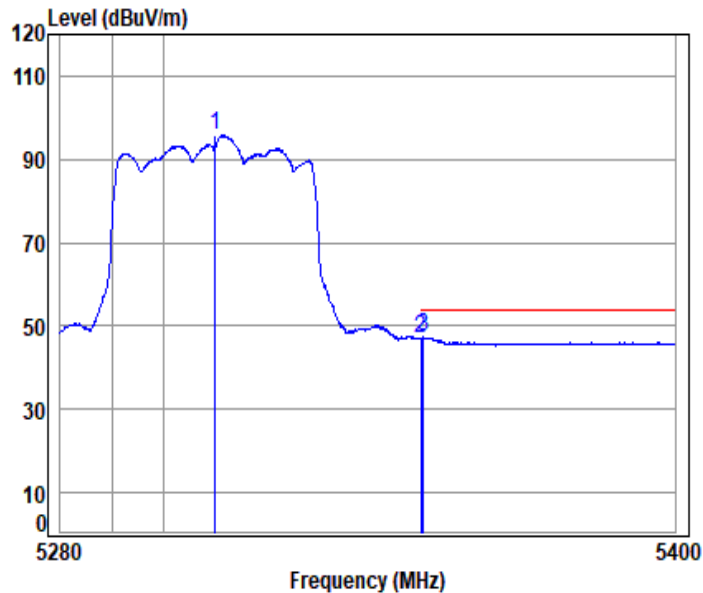
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11ax_40M_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

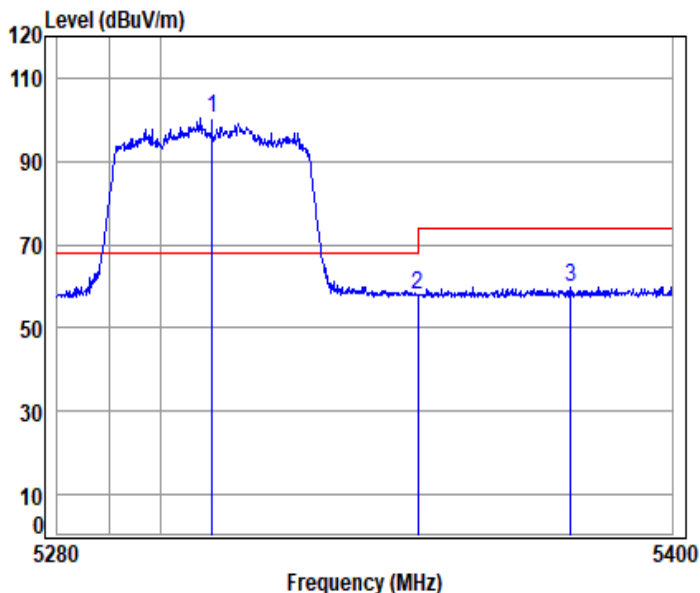
Mode : 5310 Band edge

: 5G WIFI 11AX40 MIMO

		Cable	Ant	Preamp	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	83.67	95.92	-----	----- Average
2	5350.020	10.45	32.80	30.76	34.60	47.09	54.00	-6.91 Average
3	pp 5350.594	10.45	32.80	30.76	34.75	47.24	54.00	-6.76 Average



11ax_40M_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11AX40 MIMO

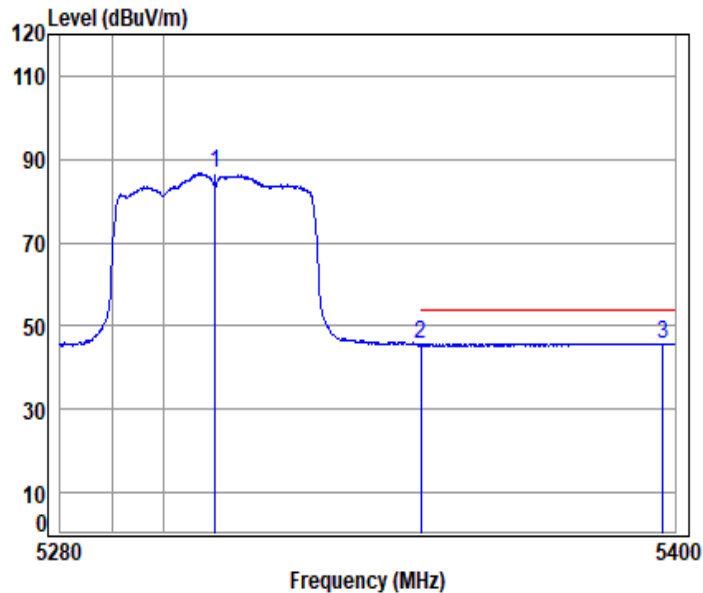
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5310.000	10.31	32.72	30.78	87.90	100.15	68.20	31.95 Peak
2	5350.020	10.45	32.80	30.76	45.36	57.85	74.00	-16.15 Peak
3	5380.014	10.55	32.80	30.75	47.35	59.95	74.00	-14.05 Peak



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11ax_40M_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11AX40 MIMO

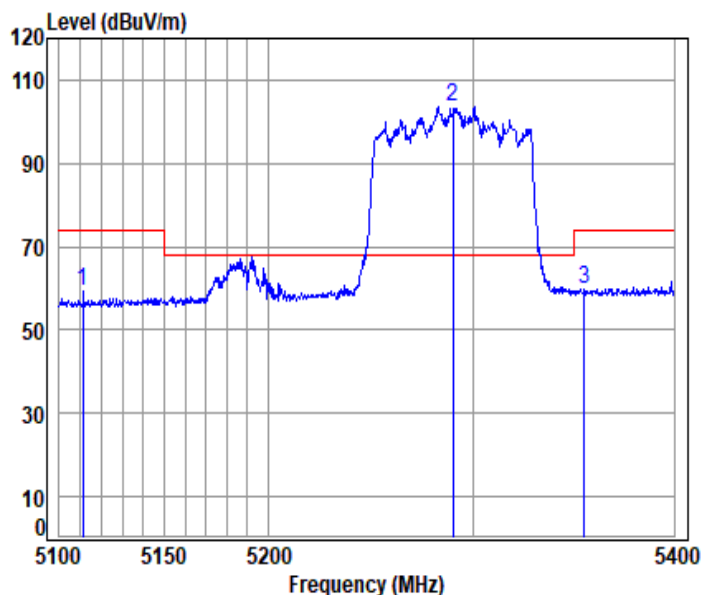
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	74.42	86.67	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.06	45.55	54.00	-8.45	Average
3	pp 5397.573	10.61	32.80	30.74	33.11	45.78	54.00	-8.22	Average



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11ax_80M_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5290 Band edge

: 5G WIFI 11AX80 MIMO

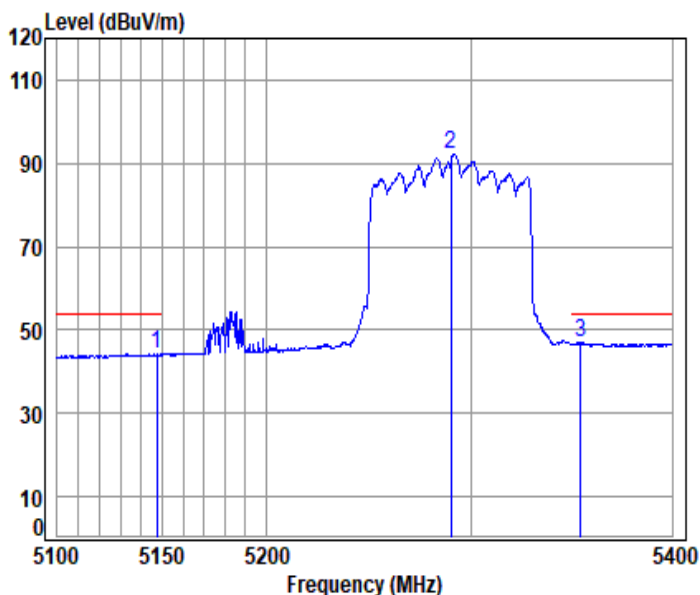
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5111.381	9.99	32.32	30.86	47.66	59.11	74.00	-14.89	peak
2 pp	5290.000	10.28	32.68	30.78	91.40	103.58	68.20	35.38	peak
3	5355.124	10.47	32.80	30.76	47.46	59.97	74.00	-14.03	peak



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11ax_80M_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5290 Band edge

: 5G WIFI 11AX80 MIMO

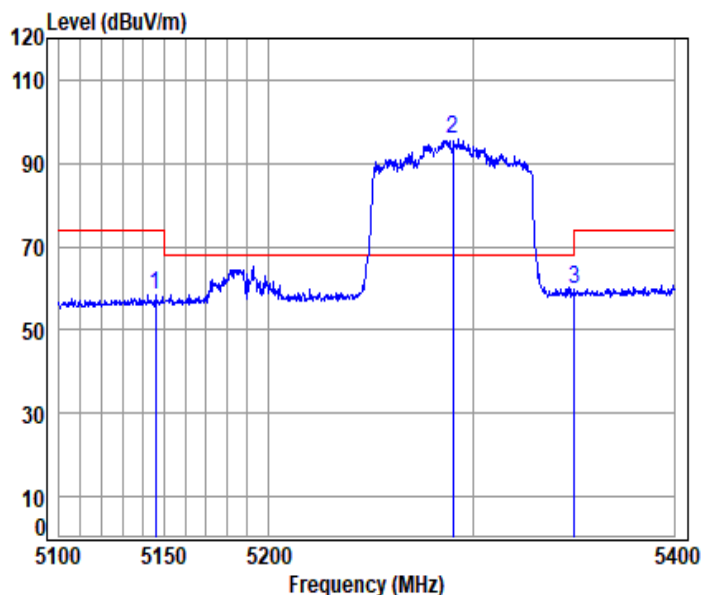
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5147.443	10.13	32.39	30.84	32.55	44.23	54.00	-9.77 Average
2	5290.000	10.28	32.68	30.78	79.83	92.01	-----	----- Average
3	pp 5354.512	10.47	32.80	30.76	34.48	46.99	54.00	-7.01 Average



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11ax_80M_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5290 Band edge

: 5G WIFI 11AX80 MIMO

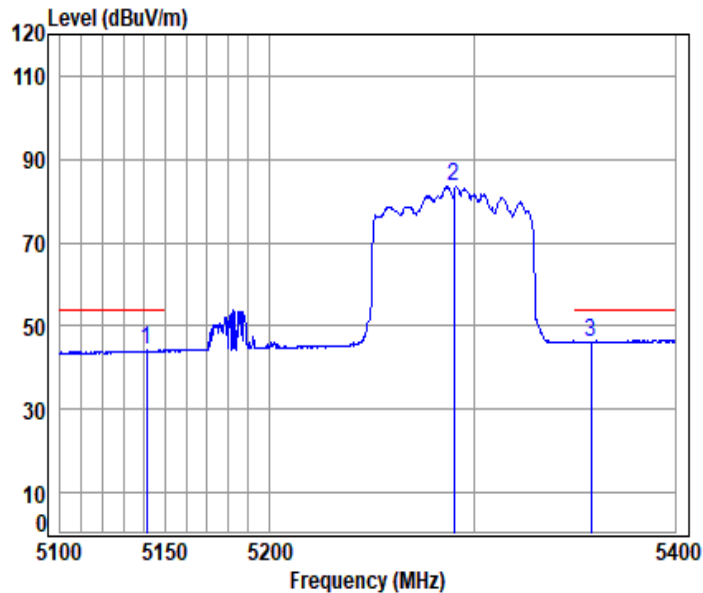
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.973	10.12	32.39	30.84	46.64	58.31	74.00	-15.69	Peak
2	5290.000	10.28	32.68	30.78	83.42	95.60	68.20	27.40	Peak
3	5350.229	10.45	32.80	30.76	47.32	59.81	74.00	-14.19	Peak



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11ax_80M_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5290 Band edge

: 5G WIFI 11AX80 MIMO

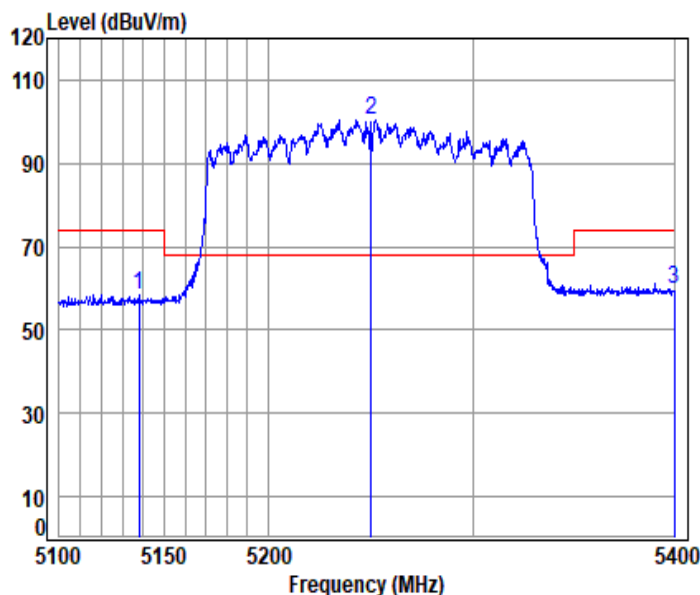
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5141.269	10.11	32.38	30.84	32.46	44.11	54.00	-9.89 Average
2	5290.000	10.28	32.68	30.78	71.48	83.66	-----	----- Average
3	pp 5358.186	10.48	32.80	30.76	33.73	46.25	54.00	-7.75 Average



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11ax_160M_TX_CH_50_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5250 Band edge

: 5G WIFI 11AX160 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.037	10.09	32.38	30.84	46.82	58.45	74.00	-15.55	peak
2	5250.000	10.31	32.60	30.80	88.44	100.55	68.20	32.35	peak
3	5400.000	10.62	32.80	30.74	47.02	59.70	74.00	-14.30	peak



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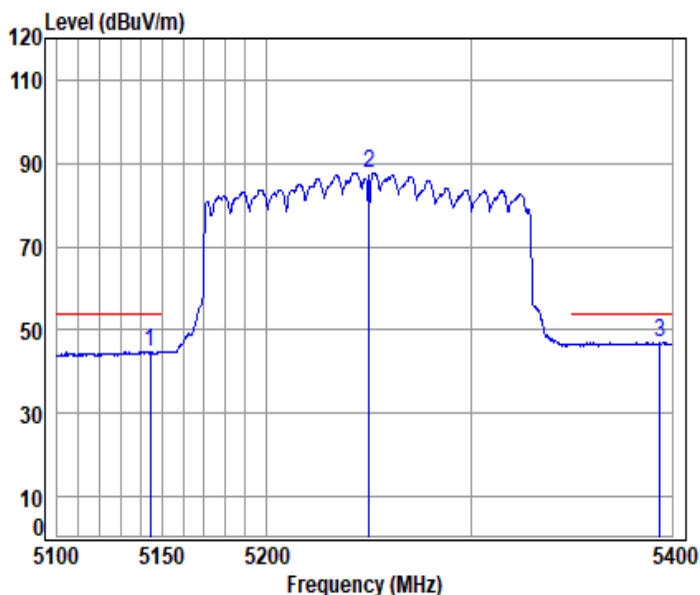
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200460909

Page: 162 of 867

11ax_160M_TX_CH_50_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5250 Band edge

: 5G WIFI 11AX160 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.208	10.12	32.39	30.84	33.11	44.78	54.00	-9.22	Average
2	5250.000	10.31	32.60	30.80	75.69	87.80	-----	-----	Average
3	5394.139	10.60	32.80	30.74	34.39	47.05	54.00	-6.95	Average



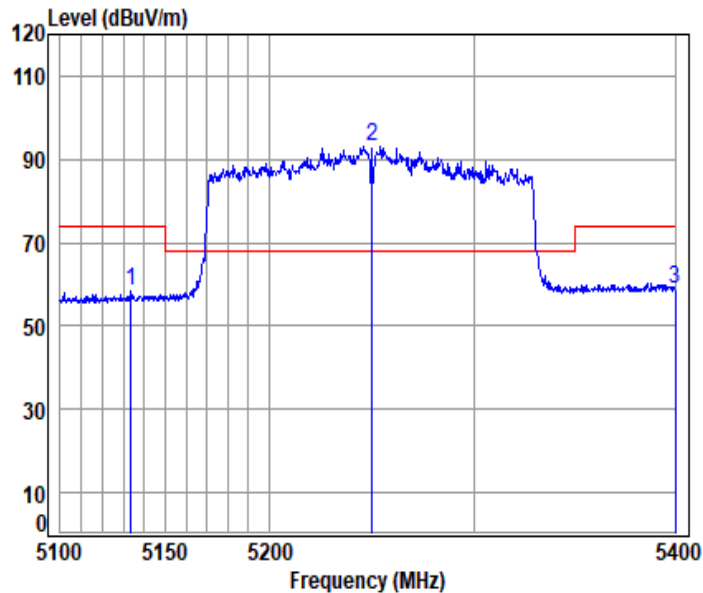
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Shenzhen Branch Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.ssgroup.com.cn
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_160M_TX_CH_50_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5250 Band edge

: 5G WIFI 11AX160 MIMO

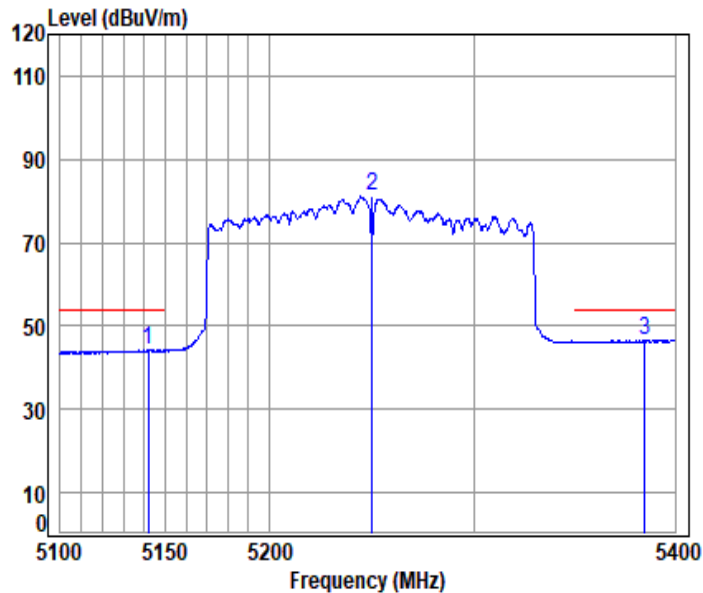
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5133.634	10.08	32.37	30.85	46.66	58.26	74.00	-15.74	Peak
2	5250.000	10.31	32.60	30.80	80.85	92.96	68.20	24.76	Peak
3	5400.000	10.62	32.80	30.74	46.36	59.04	74.00	-14.96	peak



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11ax_160M_TX_CH_50_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

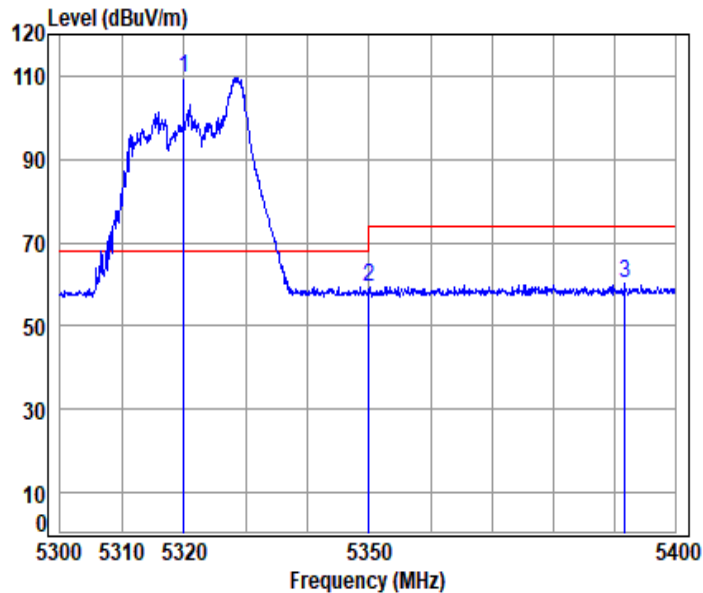
Mode : 5250 Band edge

: 5G WIFI 11AX160 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5141.856	10.11	32.38	30.84	32.58	44.23	54.00	-9.77	Average
2	5250.000	10.31	32.60	30.80	68.90	81.01	-----	-----	Average
3	pp 5384.897	10.57	32.80	30.75	33.89	46.51	54.00	-7.49	Average



11ax_20M_Partial_RU26_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

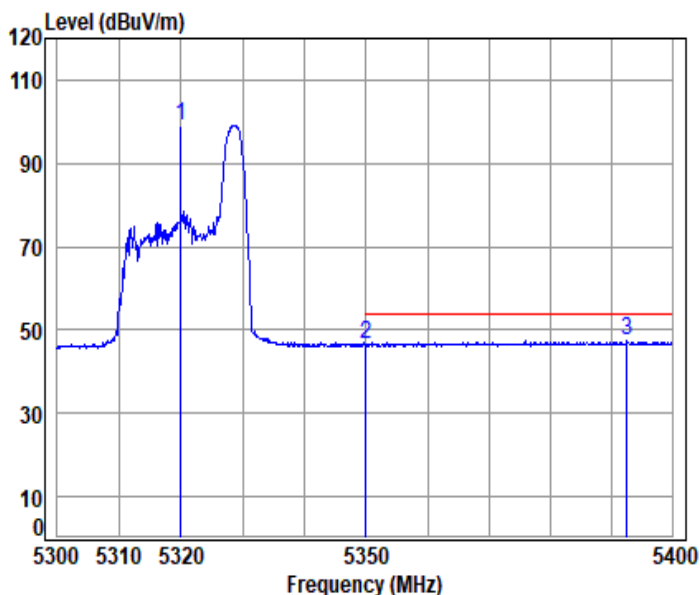
Mode : 5320 Band edge

: 5G WIFI 11AX20 RU26 MIMO

		Cable	Ant	Preamp	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	97.23	109.55	68.20	41.35	peak
2	5350.020	10.45	32.80	30.76	46.63	59.12	74.00	-14.88	peak
3	5391.729	10.59	32.80	30.74	47.36	60.01	74.00	-13.99	peak



11ax_20M_Partial_RU26_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11AX20 RU26 MIMO

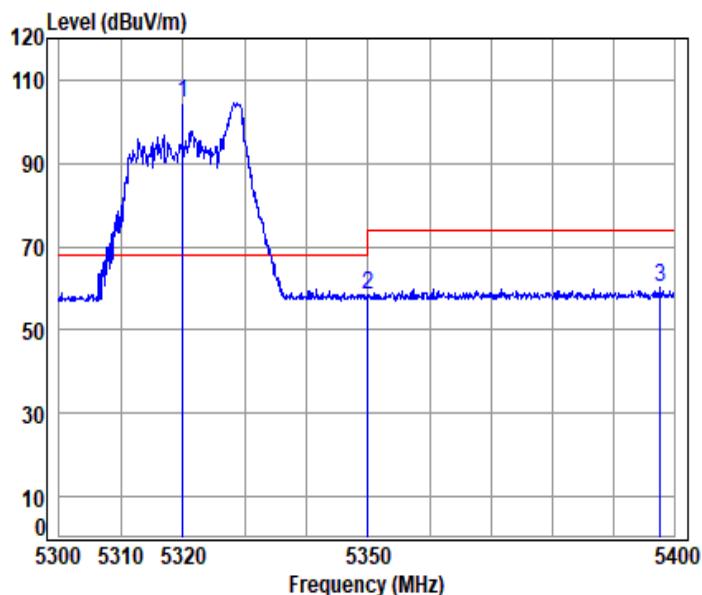
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	86.66	98.98	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.98	46.47	54.00	-7.53	Average
3	pp 5392.637	10.59	32.80	30.74	34.66	47.31	54.00	-6.69	Average



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11ax_20M_Partial_RU26_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

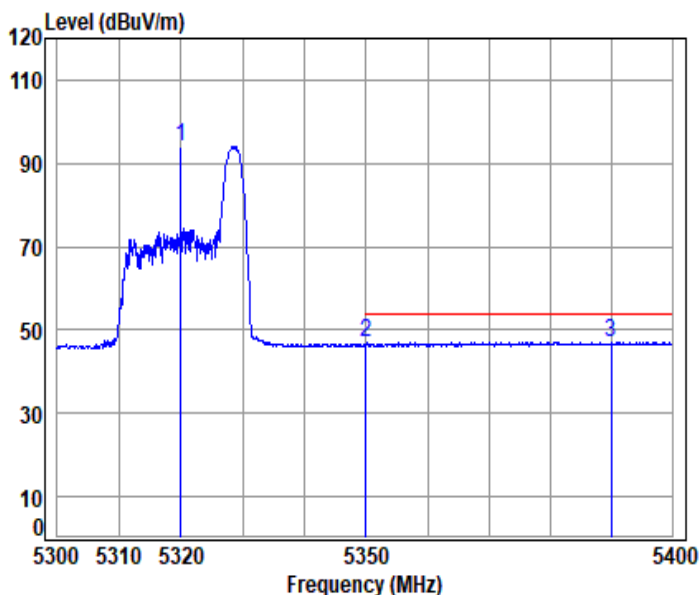
Mode : 5320 Band edge

: 5G WIFI 11AX20 RU26 MIMO

		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 pp	5320.000	10.35	32.74	30.77	92.20	104.52	68.20	36.32 Peak
2	5350.020	10.45	32.80	30.76	45.98	58.47	74.00	-15.53 Peak
3	5397.780	10.61	32.80	30.74	47.51	60.18	74.00	-13.82 Peak



11ax_20M_Partial_RU26_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11AX20 RU26 MIMO

		Cable	Ant	Preamp	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	81.90	94.22	-----	-----	Average
2	5350.020	10.45	32.80	30.76	34.36	46.85	54.00	-7.15	Average
3	pp 5390.017	10.59	32.80	30.74	34.46	47.11	54.00	-6.89	Average



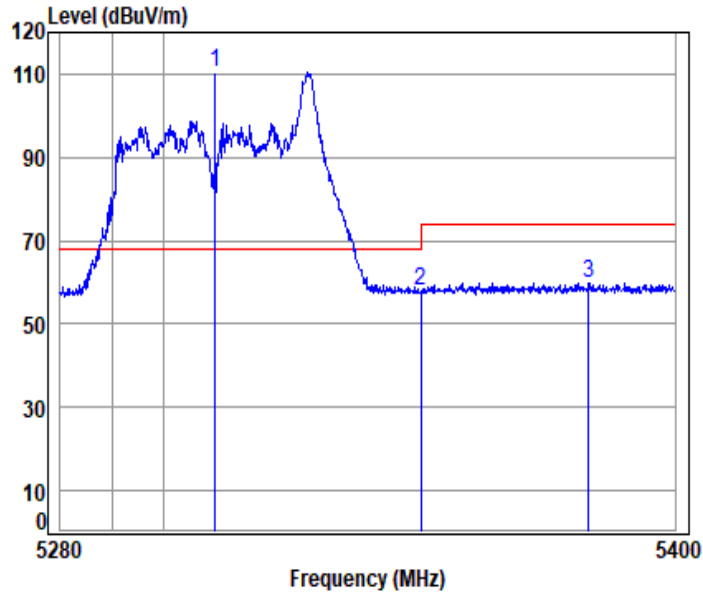
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11ax_40M_Partial_RU26_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

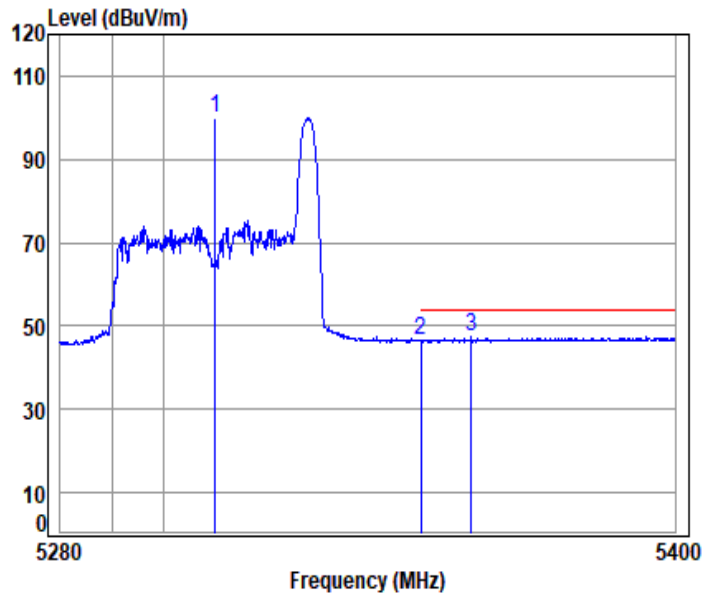
Mode : 5310 Band edge

: 5G WIFI 11AX40 RU26 MIMO

		Cable	Ant	Preamp	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	98.19	110.44	68.20	42.24	peak
2	5350.020	10.45	32.80	30.76	45.62	58.11	74.00	-15.89	peak
3	5383.037	10.56	32.80	30.75	47.38	59.99	74.00	-14.01	peak



11ax_40M_Partial_RU26_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

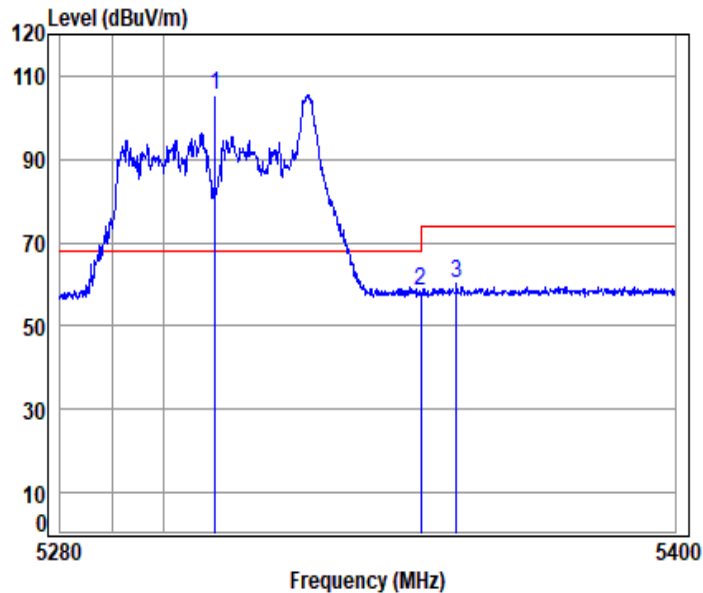
Mode : 5310 Band edge

: 5G WIFI 11AX40 RU26 MIMO

		Cable	Ant	Preamp	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	87.63	99.88	-----	-----	Average
2	5350.020	10.45	32.80	30.76	34.07	46.56	54.00	-7.44	Average
3	pp 5359.981	10.48	32.80	30.76	34.91	47.43	54.00	-6.57	Average



11ax_40M_Partial_RU26_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11AX40 RU26 MIMO

		Cable	Ant	Preamp	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	93.13	105.38	68.20	37.18	Peak
2	5350.020	10.45	32.80	30.76	46.10	58.59	74.00	-15.41	Peak
3	5357.091	10.47	32.80	30.76	47.74	60.25	74.00	-13.75	Peak



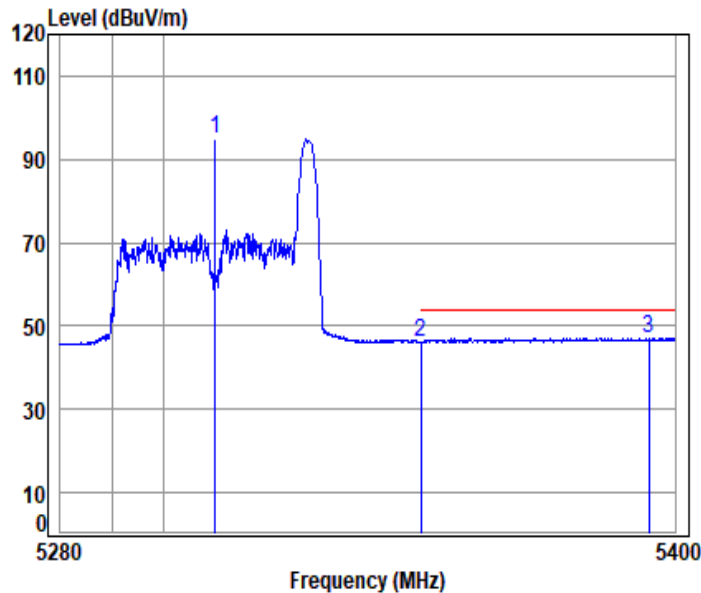
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
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_40M_Partial_RU26_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11AX40 RU26 MIMO

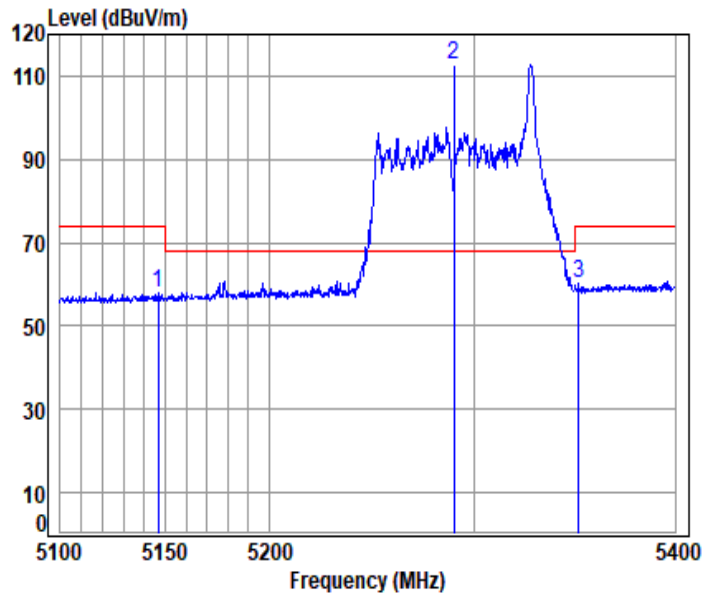
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5310.000	10.31	32.72	30.78	82.44	94.69	-----	----- Average
2	5350.020	10.45	32.80	30.76	33.81	46.30	54.00	-7.70 Average
3	pp 5394.906	10.60	32.80	30.74	34.51	47.17	54.00	-6.83 Average



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11ax_80M_Partial_RU26_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

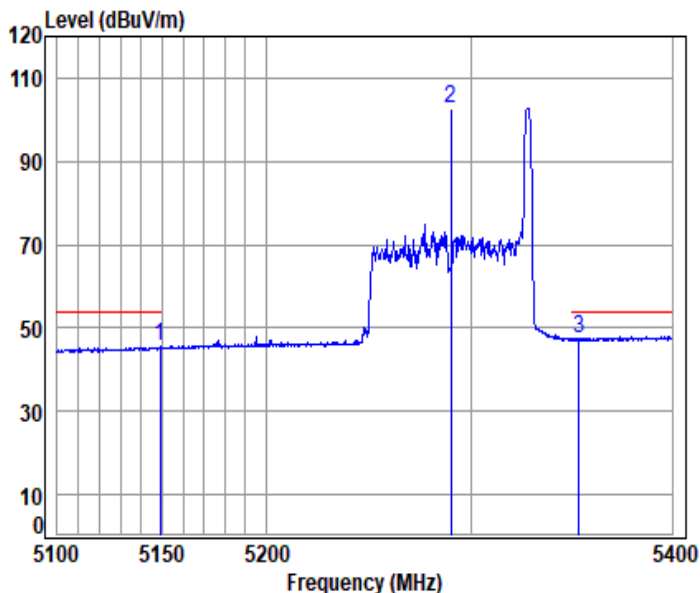
Mode : 5290 Band edge

: 5G WIFI 11AX80 RU26 MIMO

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5146.561	10.13	32.39	30.84	46.32	58.00	74.00 -16.00 peak
2	5290.000	10.28	32.68	30.78	100.60	112.78	68.20 44.58 peak
3	5351.758	10.46	32.80	30.76	47.65	60.15	74.00 -13.85 peak



11ax_80M_Partial_RU26_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5290 Band edge

: 5G WIFI 11AX80 RU26 MIMO

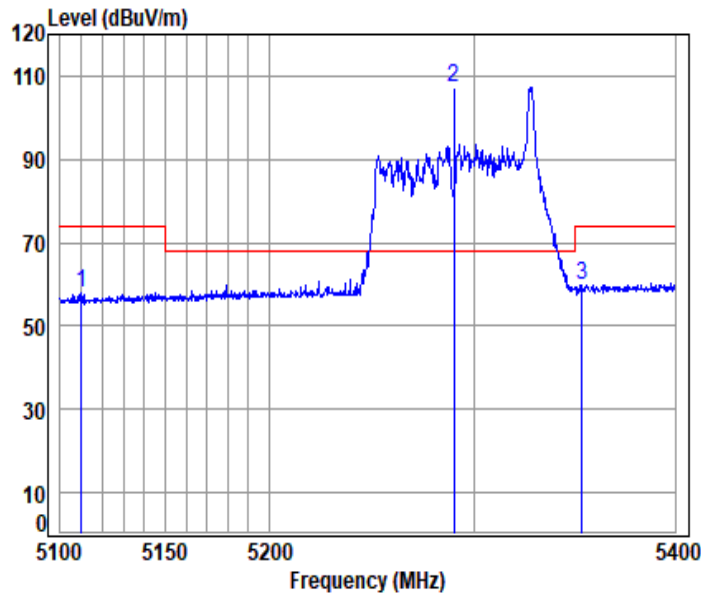
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.209	10.14	32.40	30.84	33.72	45.42	54.00	-8.58	Average
2	5290.000	10.28	32.68	30.78	90.55	102.73	-----	-----	Average
3	pp 5353.594	10.46	32.80	30.76	35.07	47.57	54.00	-6.43	Average



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11ax_80M_Partial_RU26_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

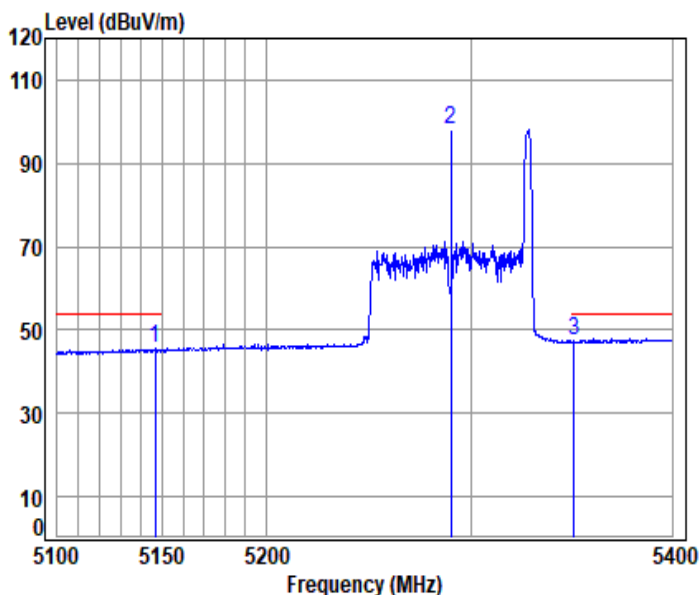
Mode : 5290 Band edge

: 5G WIFI 11AX80 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5110.213	9.99	32.32	30.86	46.65	58.10	74.00	-15.90	Peak
2 pp	5290.000	10.28	32.68	30.78	95.22	107.40	68.20	39.20	Peak
3	5353.594	10.46	32.80	30.76	47.31	59.81	74.00	-14.19	Peak



11ax_80M_Partial_RU26_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5290 Band edge

: 5G WIFI 11AX80 RU26 MIMO

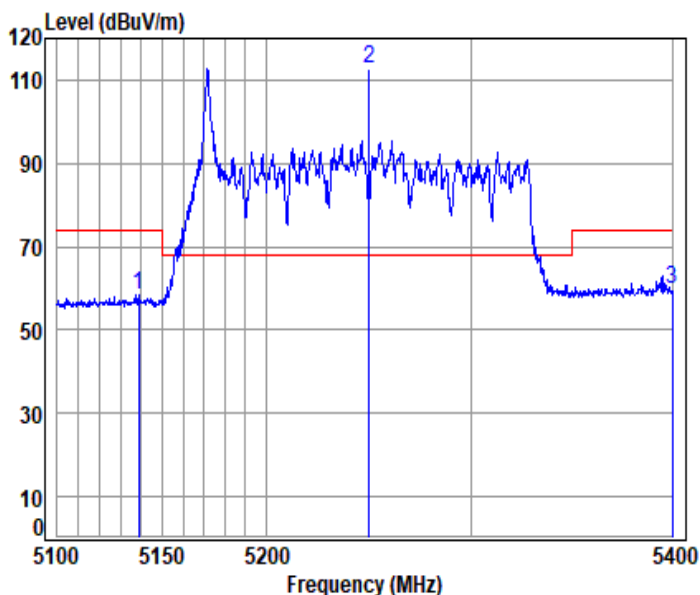
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.855	10.13	32.39	30.84	33.87	45.55	54.00	-8.45	Average
2	5290.000	10.28	32.68	30.78	85.75	97.93	-----	-----	Average
3	5350.840	10.45	32.80	30.76	34.89	47.38	54.00	-6.62	Average



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11ax_160M_Partial_RU26_TX_CH_50_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5250 Band edge

: 5G WIFI 11AX160 RU26 MIMO

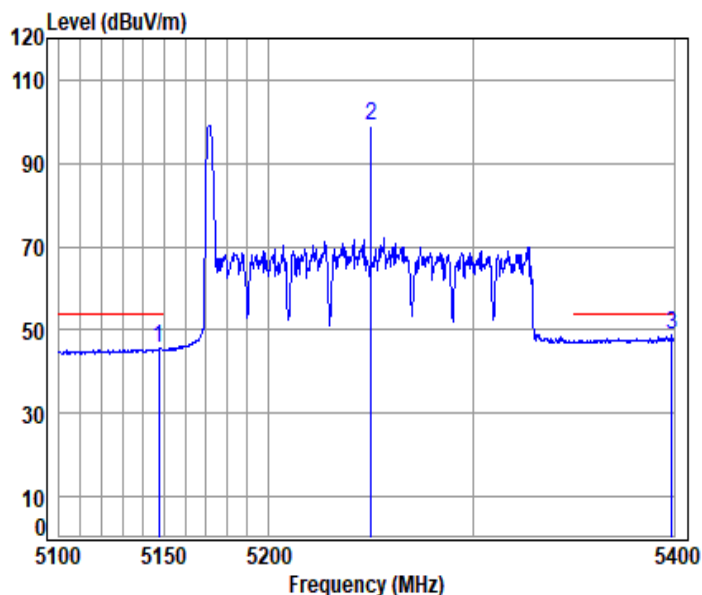
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.625	10.10	32.38	30.84	46.60	58.24	74.00	-15.76	peak
2 pp	5250.000	10.31	32.60	30.80	100.58	112.69	68.20	44.49	peak
3	5400.000	10.62	32.80	30.74	47.03	59.71	74.00	-14.29	peak



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11ax_160M_Partial_RU26_TX_CH_50_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

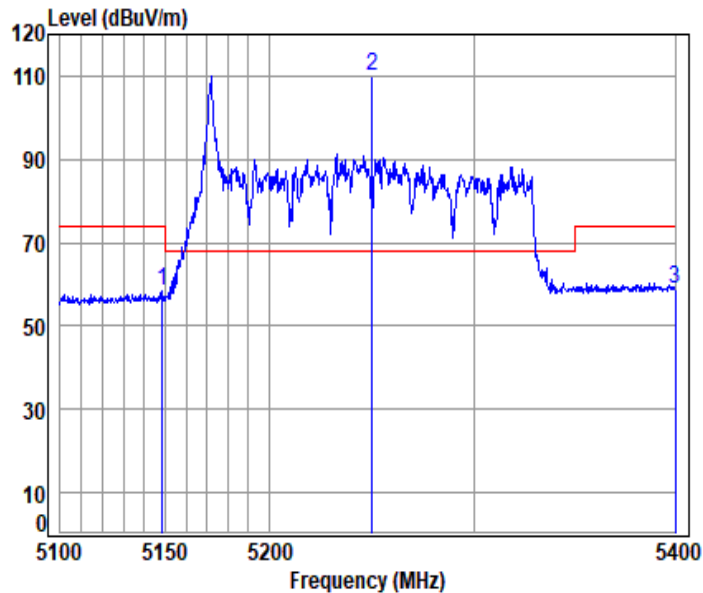
Mode : 5250 Band edge

: 5G WIFI 11AX160 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.443	10.13	32.39	30.84	33.81	45.49	54.00	-8.51	Average
2	5250.000	10.31	32.60	30.80	86.95	99.06	-----	-----	Average
3	pp 5398.766	10.62	32.80	30.74	36.37	49.05	54.00	-4.95	Average



11ax_160M_Partial_RU26_TX_CH_50_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

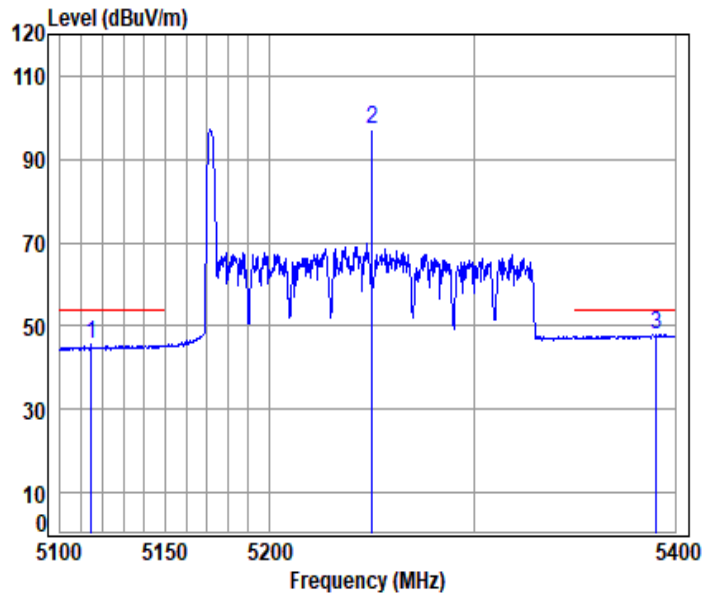
Mode : 5250 Band edge

: 5G WIFI 11AX160 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.621	10.13	32.40	30.84	46.91	58.60	74.00	-15.40	Peak
2	5250.000	10.31	32.60	30.80	97.95	110.06	68.20	41.86	Peak
3	5400.000	10.62	32.80	30.74	46.39	59.07	74.00	-14.93	peak



11ax_160M_Partial_RU26_TX_CH_50_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

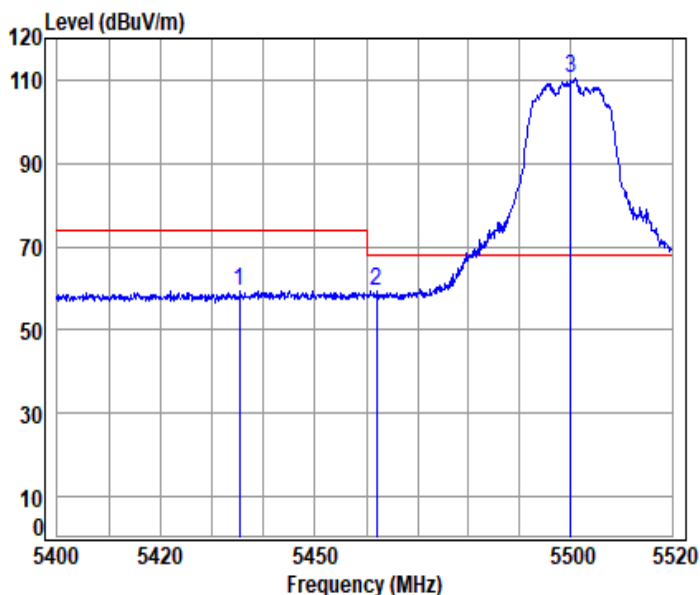
Mode : 5250 Band edge

: 5G WIFI 11AX160 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5114.889	10.01	32.33	30.85	34.13	45.62	54.00	-8.38	Average
2	5250.000	10.31	32.60	30.80	85.25	97.36	-----	-----	Average
3	pp 5390.748	10.59	32.80	30.74	35.30	47.95	54.00	-6.05	Average



11a_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11A

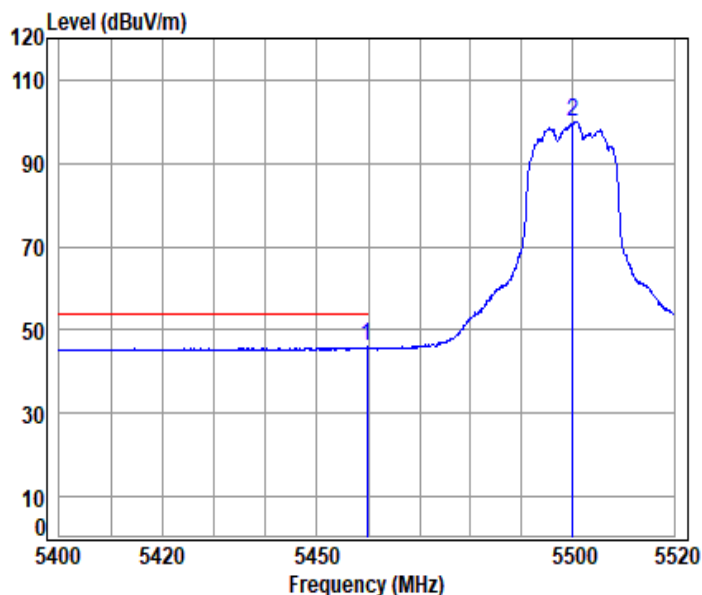
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5435.365	10.61	32.87	30.73	46.68	59.43	74.00	-14.57	peak
2	5461.951	10.60	32.90	30.72	46.32	59.10	68.20	-9.10	peak
3	5500.000	10.58	32.90	30.70	97.45	110.23	68.20	42.03	peak



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11a_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11A

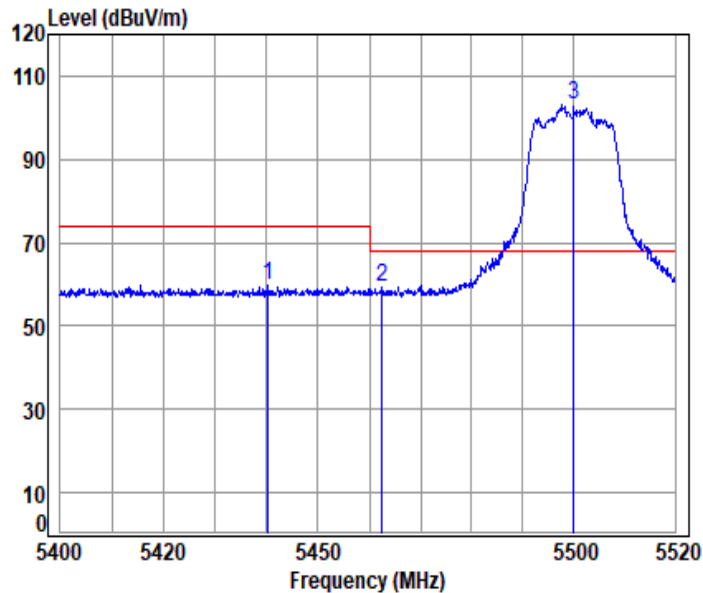
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5459.791	10.60	32.90	30.72	33.09	45.87	54.00	-8.13 Average
2	5500.000	10.58	32.90	30.70	87.28	100.06	-----	----- Average



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11a_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

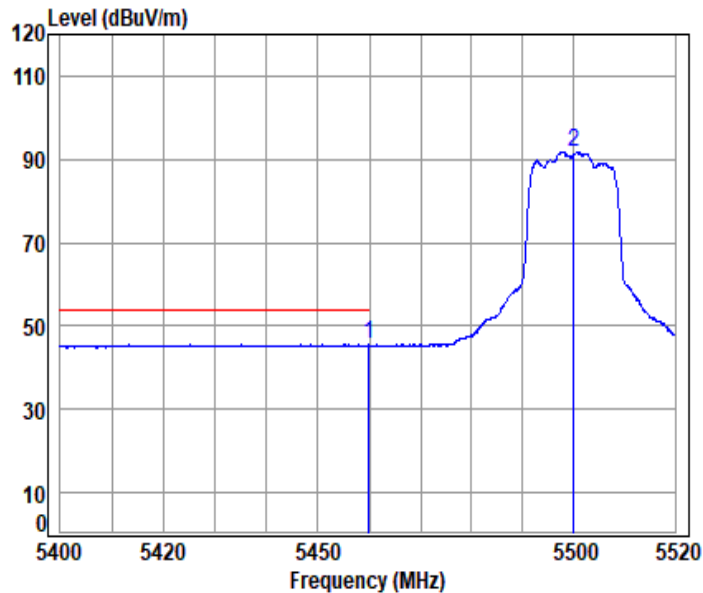
Mode : 5500 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5440.265	10.60	32.88	30.72	46.97	59.73	74.00	-14.27	Peak
2	5462.551	10.59	32.90	30.71	46.59	59.37	68.20	-8.83	peak
3 pp	5500.000	10.58	32.90	30.70	90.29	103.07	68.20	34.87	Peak



11a_TX_CH_100_Vetical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11A

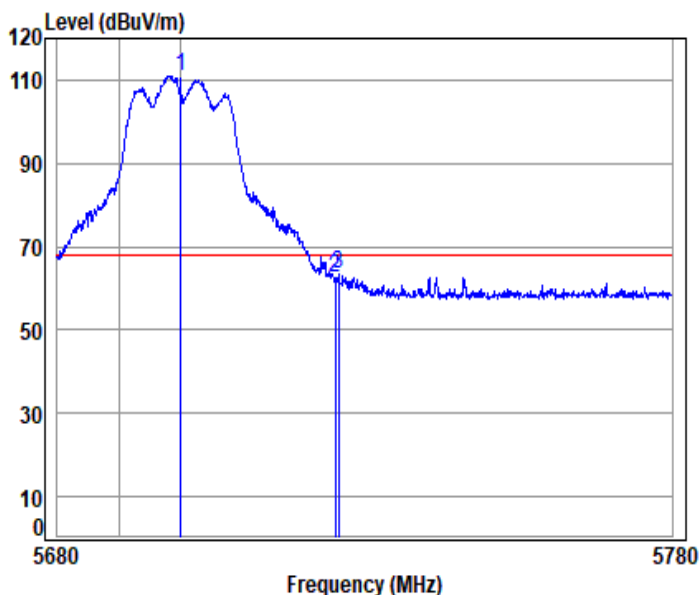
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5459.910	10.60	32.90	30.72	32.69	45.47	54.00	-8.53 Average
2	5500.000	10.58	32.90	30.70	79.15	91.93	-----	----- Average



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11a_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5700 Band edge

: 5G WIFI 11A

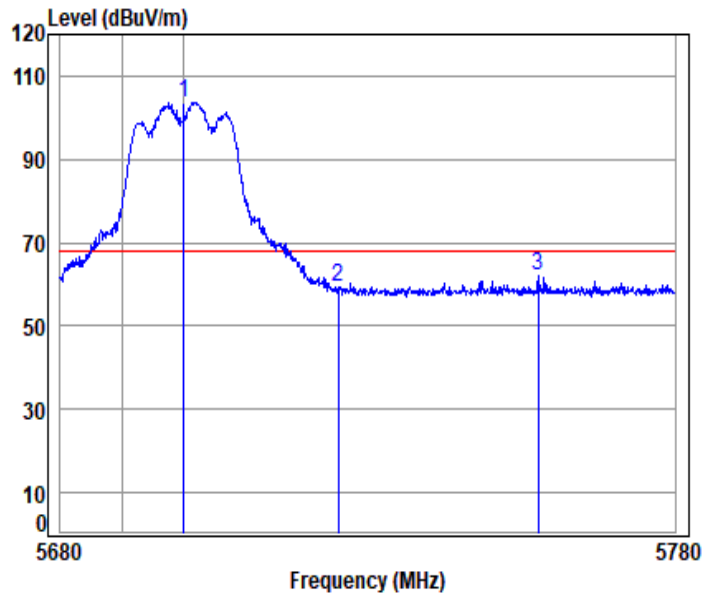
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5700.000	10.56	33.20	30.62	97.88	111.02	68.20	42.82 peak
2	5725.000	10.68	33.25	30.61	49.41	62.73	68.20	-5.47 peak
3	5725.583	10.68	33.25	30.61	50.08	63.40	68.20	-4.80 peak



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11a_TX_CH_140_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

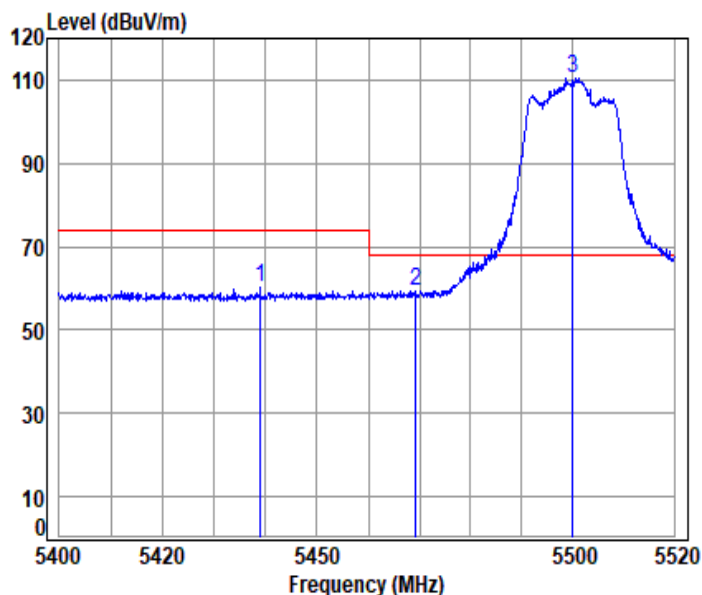
Mode : 5700 Band edge

: 5G WIFI 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	pp 5700.000	10.56	33.20	30.62	90.66	103.80	68.20	35.60 peak
2	5725.000	10.68	33.25	30.61	45.83	59.15	68.20	-9.05 peak
3	5757.649	10.83	33.32	30.60	48.60	62.15	68.20	-6.05 peak



11n_HT(20M)_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

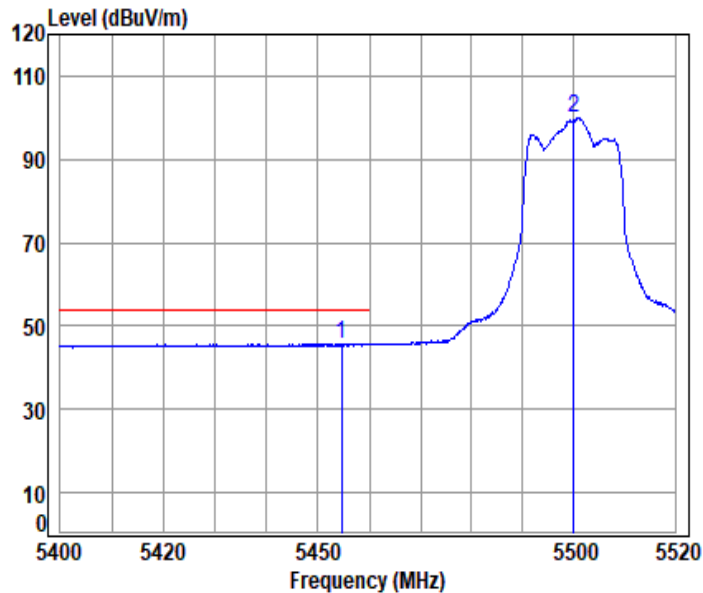
Mode : 5500 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5438.950	10.60	32.88	30.72	47.64	60.40	74.00	-13.60	peak
2	5469.279	10.59	32.90	30.71	46.72	59.50	68.20	-8.70	peak
3	5500.000	10.58	32.90	30.70	97.68	110.46	68.20	42.26	peak



11n_HT(20M)_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

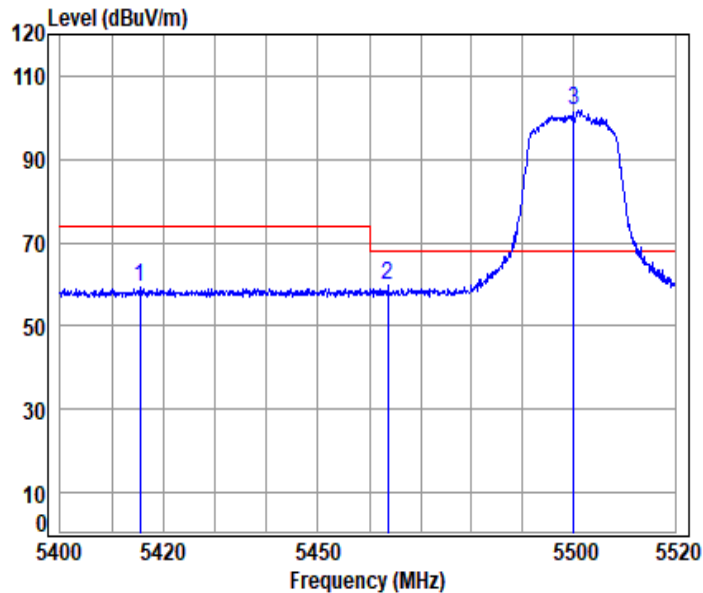
Mode : 5500 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	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 5454.513	10.60	32.90	30.72	32.99	45.77	54.00	-8.23	Average
2	5500.000	10.58	32.90	30.70	87.15	99.93	-----	-----	Average



11n_HT(20M)_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11N20 MIMO

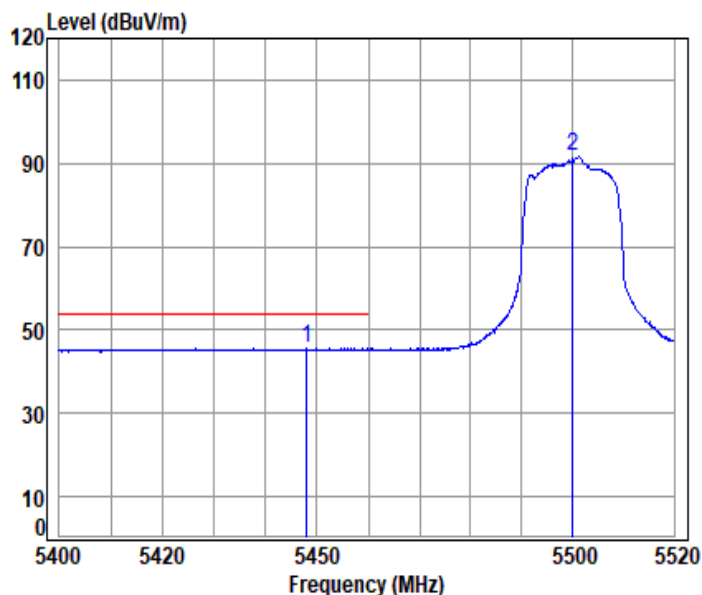
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5415.451	10.61	32.83	30.73	46.46	59.17	74.00	-14.83	Peak
2	5463.632	10.59	32.90	30.71	46.98	59.76	68.20	-8.44	peak
3	5500.000	10.58	32.90	30.70	88.97	101.75	68.20	33.55	Peak



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11n_HT(20M)_TX_CH_100_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11N20 MIMO

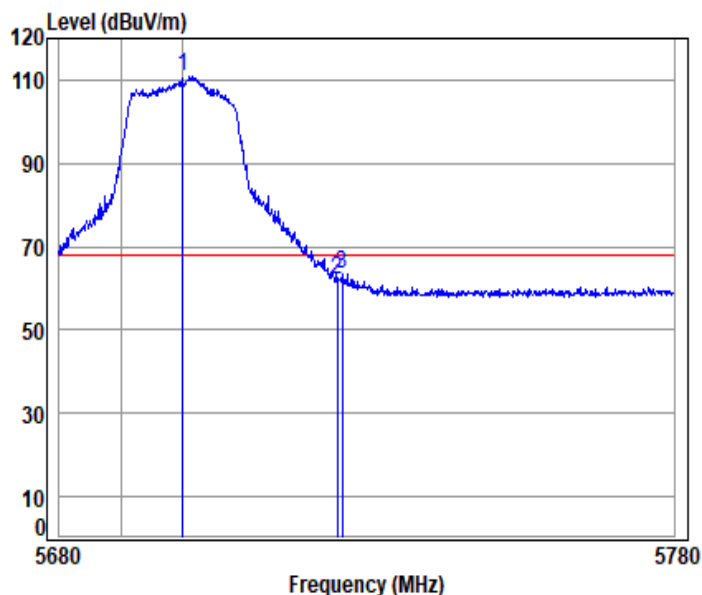
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5448.043	10.60	32.90	30.72	32.79	45.57	54.00	-8.43 Average
2	5500.000	10.58	32.90	30.70	78.81	91.59	-----	----- Average



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11n_HT(20M)_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5700 Band edge

: 5G WIFI 11N20 MIMO

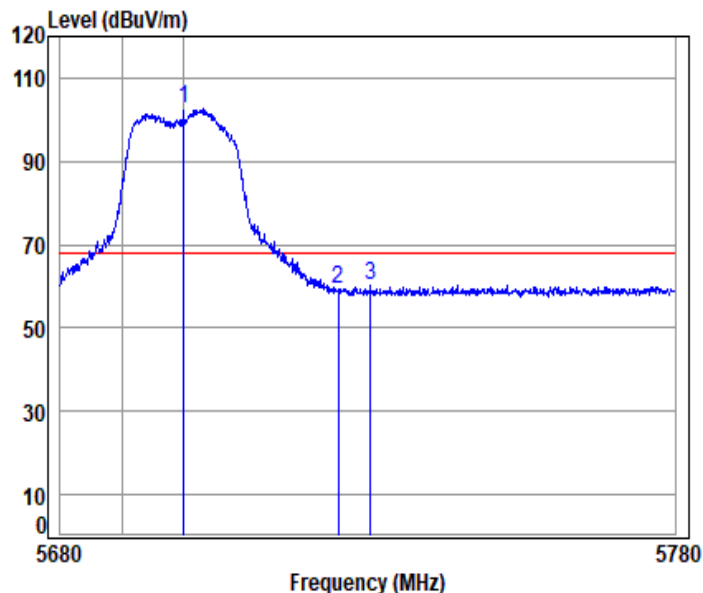
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5700.000	10.56	33.20	30.62	97.84	110.98	68.20	42.78 peak
2	5725.000	10.68	33.25	30.61	48.87	62.19	68.20	-6.01 Peak
3	5725.883	10.68	33.25	30.61	50.17	63.49	68.20	-4.71 Peak



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11n_HT(20M)_TX_CH_140_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5700 Band edge

: 5G WIFI 11N20 MIMO

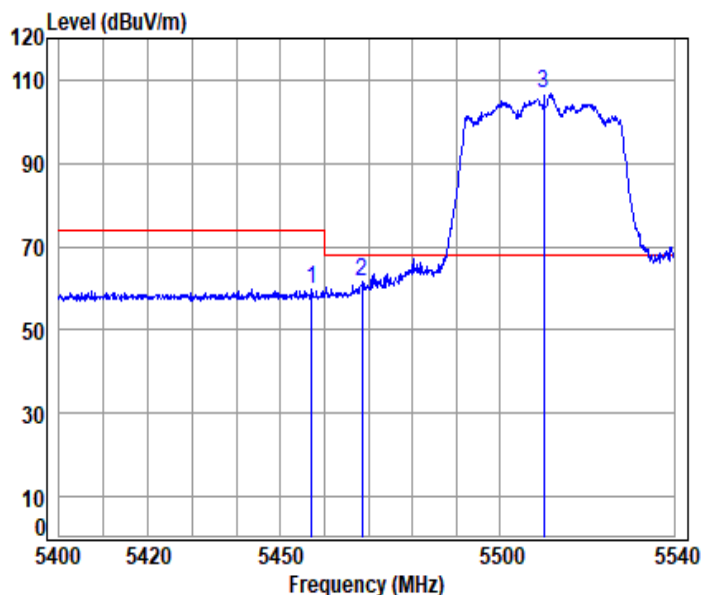
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5700.000	10.56	33.20	30.62	89.35	102.49	68.20	34.29 Peak
2	5725.000	10.68	33.25	30.61	45.93	59.25	68.20	-8.95 peak
3	5730.282	10.70	33.26	30.61	46.87	60.22	68.20	-7.98 peak



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11n_HT(40M)_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5510 Band edge

: 5G WIFI 11N40 MIMO

	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	5457.106	10.60	32.90	30.72	47.12	59.90	74.00 -14.10 peak
2	5468.572	10.59	32.90	30.71	48.64	61.42	68.20 -6.78 peak
3	5510.000	10.56	32.90	30.70	93.81	106.57	68.20 38.37 peak



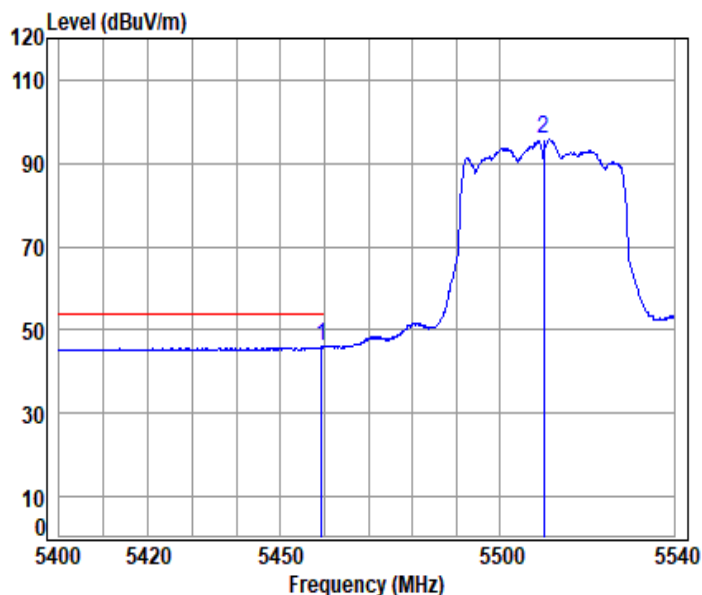
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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

11n_HT(40M)_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5510 Band edge

: 5G WIFI 11N40 MIMO

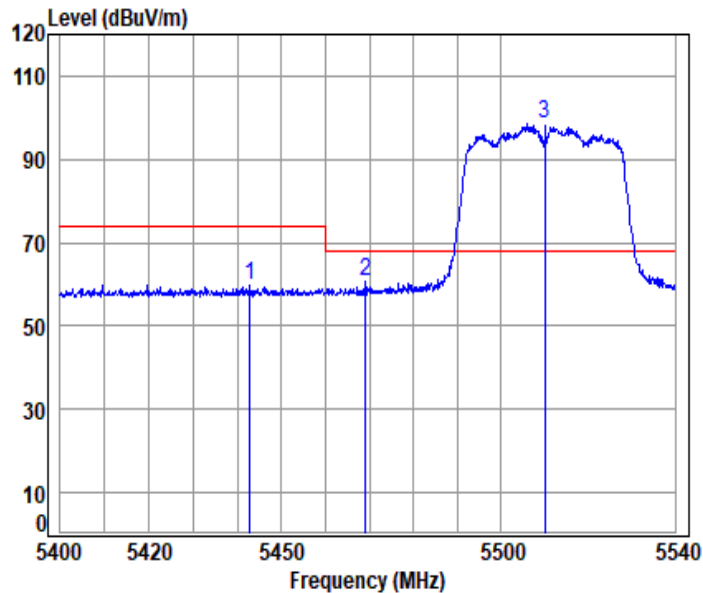
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5459.342	10.60	32.90	30.72	33.41	46.19	54.00	-7.81 Average
2	5510.000	10.56	32.90	30.70	83.14	95.90	-----	----- Average



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11n_HT(40M)_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

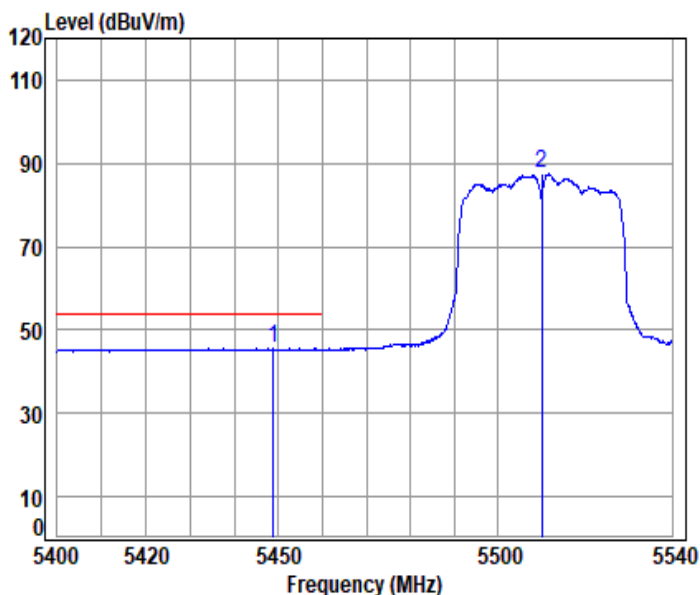
Mode : 5510 Band edge

: 5G WIFI 11N40 MIMO

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5442.878	10.60	32.89	30.72	47.05	59.82	74.00 -14.18 Peak
2	5469.132	10.59	32.90	30.71	47.79	60.57	68.20 -7.63 peak
3	pp 5510.000	10.56	32.90	30.70	85.83	98.59	68.20 30.39 Peak



11n_HT(40M)_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5510 Band edge

: 5G WIFI 11N40 MIMO

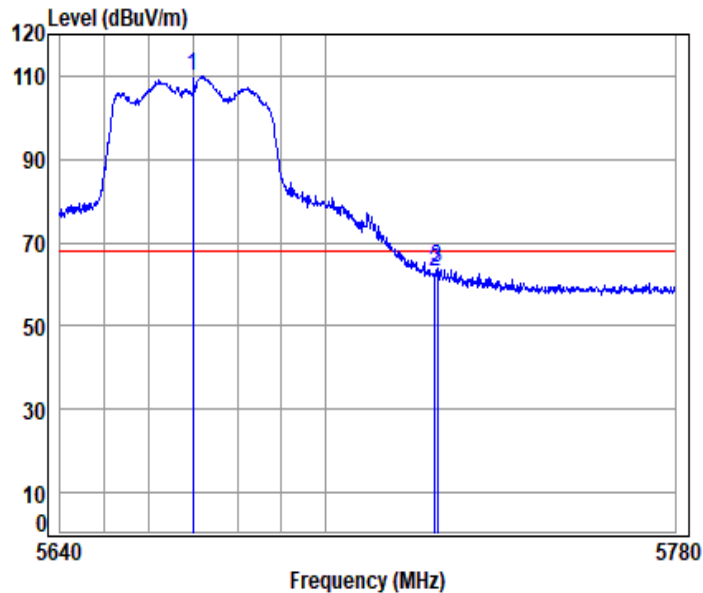
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5448.732	10.60	32.90	30.72	32.75	45.53	54.00	-8.47 Average
2	5510.000	10.56	32.90	30.70	74.63	87.39	-----	----- Average



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11n_HT(40M)_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

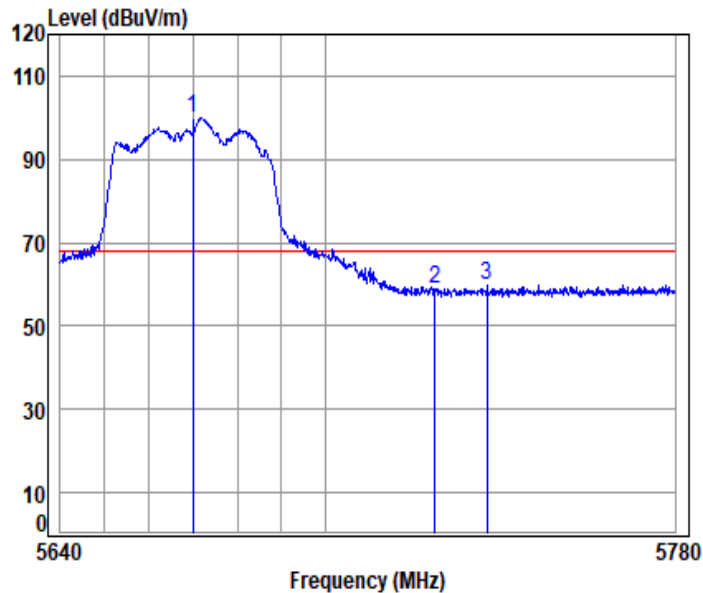
Mode : 5670 Band edge

: 5G WIFI 11N40 MIMO

		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 pp	5670.000	10.52	33.14	30.63	96.73	109.76	68.20	41.56 peak
2	5725.000	10.68	33.25	30.61	49.71	63.03	68.20	-5.17 peak
3	5725.553	10.68	33.25	30.61	50.38	63.70	68.20	-4.50 peak



11n_HT(40M)_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5670 Band edge

: 5G WIFI 11N40 MIMO

		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 pp	5670.000	10.52	33.14	30.63	86.96	99.99	68.20	31.79 peak
2	5725.000	10.68	33.25	30.61	45.37	58.69	68.20	-9.51 peak
3	5736.795	10.73	33.27	30.61	46.59	59.98	68.20	-8.22 peak



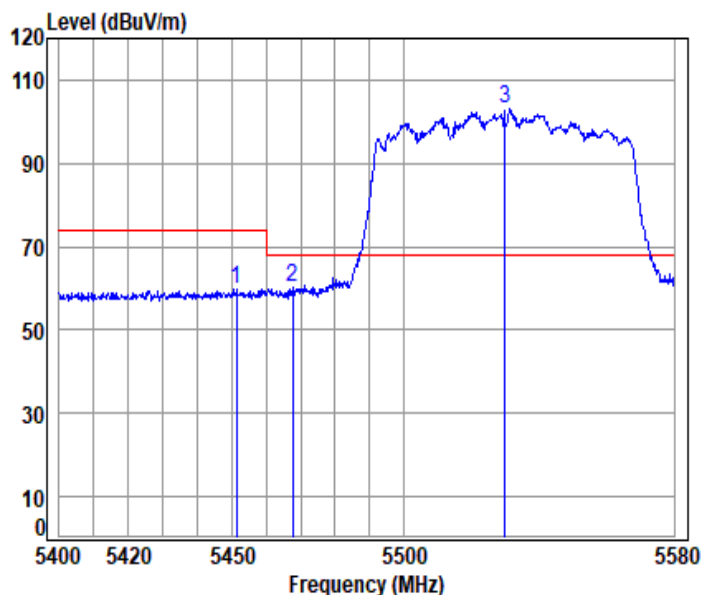
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11ac_VHT(80M)_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5530 Band edge

: 5G WIFI 11AC80 MIMO

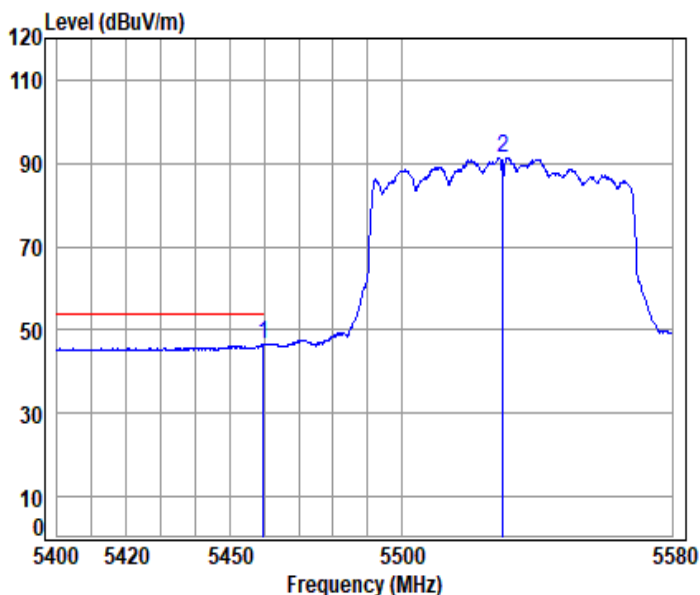
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5451.415	10.60	32.90	30.72	47.13	59.91	74.00	-14.09	peak
2	5467.706	10.59	32.90	30.71	47.48	60.26	68.20	-7.94	peak
3	5530.000	10.53	32.90	30.69	90.28	103.02	68.20	34.82	peak



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11ac_VHT(80M)_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5530 Band edge

: 5G WIFI 11AC80 MIMO

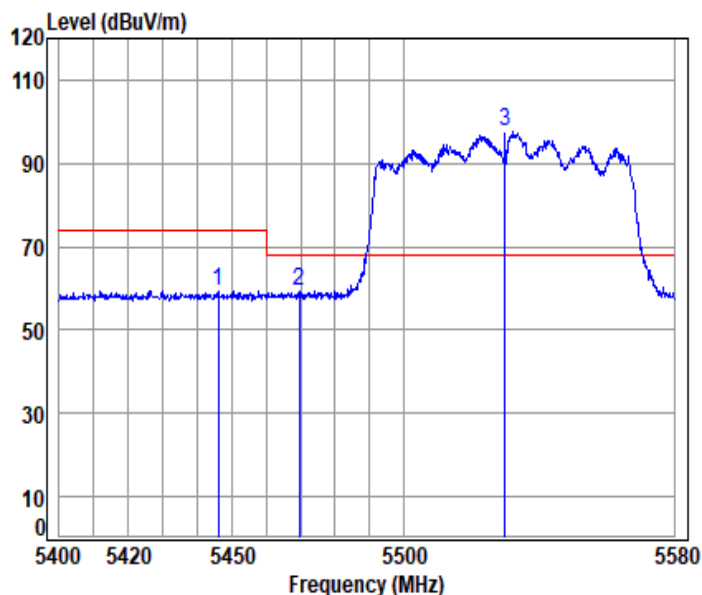
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5459.823	10.60	32.90	30.72	33.76	46.54	54.00	-7.46 Average
2	5530.000	10.53	32.90	30.69	78.65	91.39	-----	----- Average



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11ac_VHT(80M)_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5530 Band edge

: 5G WIFI 11AC80 MIMO

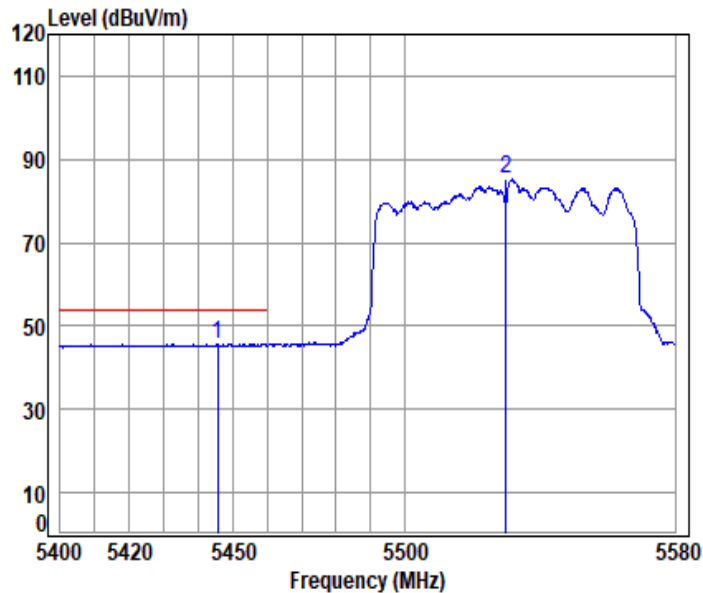
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5446.055	10.60	32.89	30.72	46.51	59.28	74.00	-14.72 Peak
2	5469.499	10.59	32.90	30.71	46.35	59.13	68.20	-9.07 peak
3	5530.000	10.53	32.90	30.69	84.68	97.42	68.20	29.22 Peak



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11ac_VHT(80M)_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5530 Band edge

: 5G WIFI 11AC80 MIMO

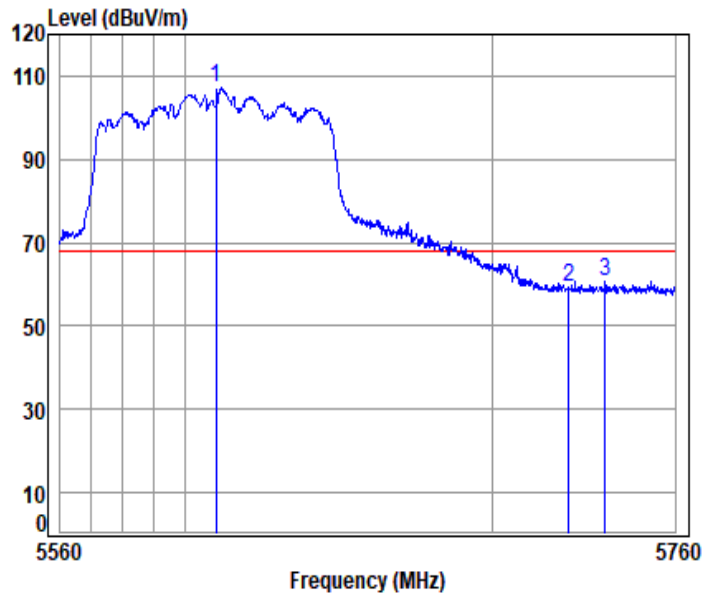
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5445.520	10.60	32.89	30.72	32.82	45.59	54.00	-8.41 Average
2	5530.000	10.53	32.90	30.69	72.42	85.16	-----	----- Average



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11ac_VHT(80M)_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5610 Band edge

: 5G WIFI 11AC80 MIMO

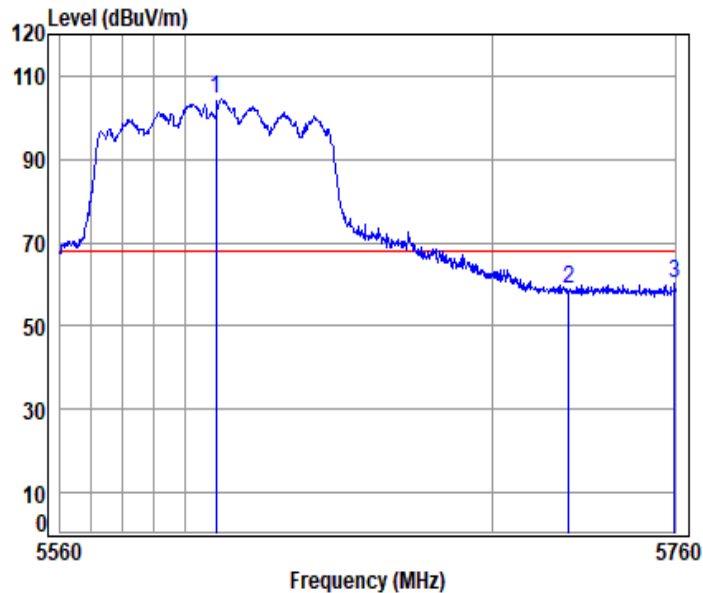
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5610.000	10.43	33.02	30.66	94.24	107.03	68.20	38.83 peak
2	5725.000	10.68	33.25	30.61	46.07	59.39	68.20	-8.81 peak
3	5736.841	10.73	33.27	30.61	47.39	60.78	68.20	-7.42 peak



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11ac_VHT(80M)_TX_CH_122_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

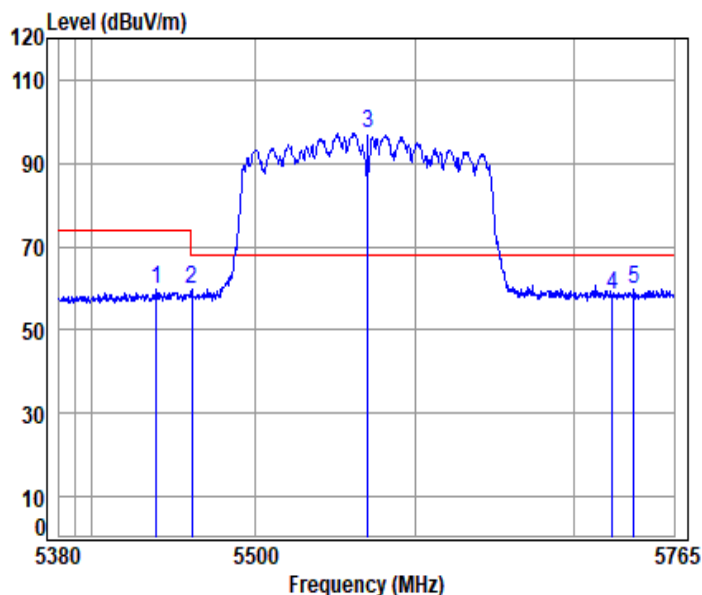
Mode : 5610 Band edge

: 5G WIFI 11AC80 MIMO

		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 pp	5610.000	10.43	33.02	30.66	91.63	104.42	68.20	36.22 peak
2	5725.000	10.68	33.25	30.61	45.33	58.65	68.20	-9.55 peak
3	5759.796	10.84	33.32	30.60	46.65	60.21	68.20	-7.99 peak



11ac_VHT(160M)_TX_CH_114_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5570 Band edge

: 5G WIFI 11AC160 MIMO

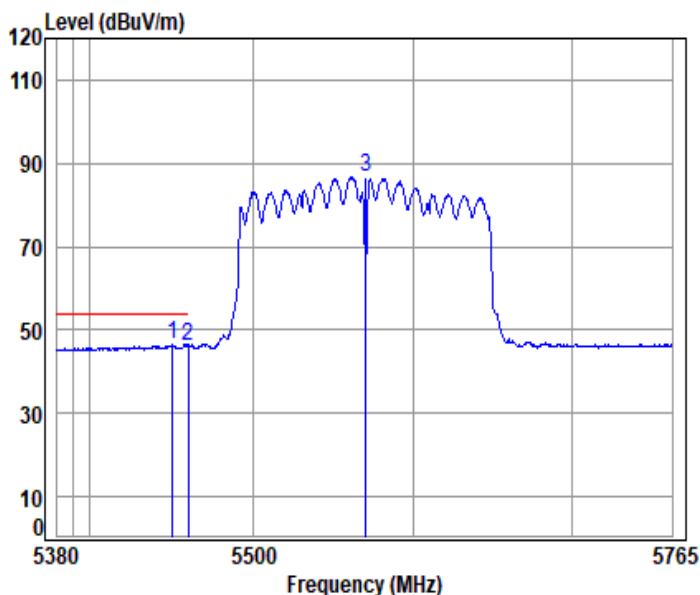
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5439.074	10.60	32.88	30.72	46.92	59.68	74.00	-14.32	peak
2	5460.922	10.60	32.90	30.72	46.80	59.58	68.20	-8.62	peak
3 pp	5570.000	10.46	32.94	30.67	84.52	97.25	68.20	29.05	peak
4	5725.000	10.68	33.25	30.61	45.02	58.34	68.20	-9.86	peak
5	5739.158	10.74	33.28	30.60	46.48	59.90	68.20	-8.30	peak



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11ac_VHT(160M)_TX_CH_114_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5570 Band edge

: 5G WIFI 11AC160 MIMO

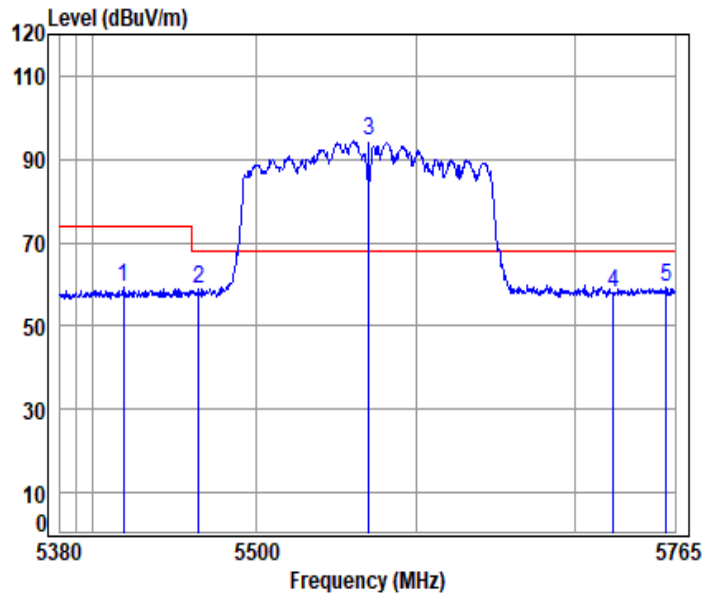
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5449.987	10.60	32.90	30.72	33.72	46.50	54.00	-7.50 Average
2	5460.000	10.60	32.90	30.72	33.49	46.27	54.00	-7.73 Average
3	5570.000	10.46	32.94	30.67	74.17	86.90	-----	----- Average



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11ac_VHT(160M)_TX_CH_114_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

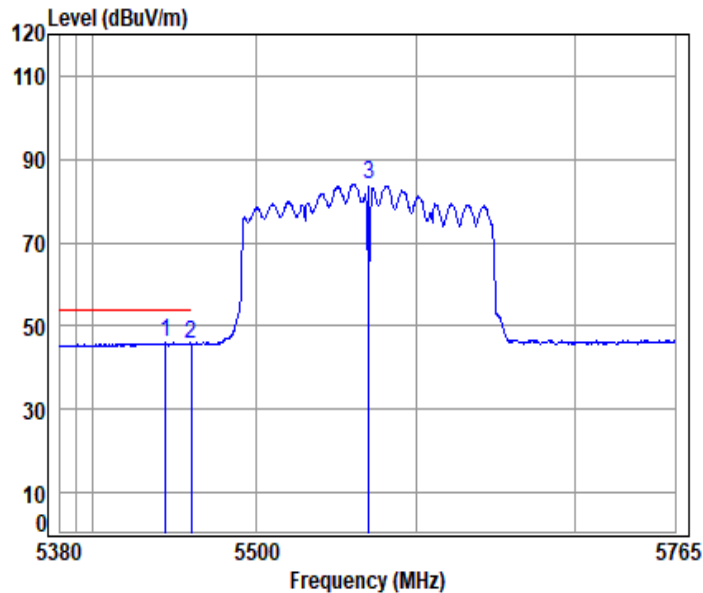
Mode : 5570 Band edge

: 5G WIFI 11AC160 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5418.437	10.61	32.84	30.73	46.55	59.27	74.00	-14.73	peak
2	5464.320	10.59	32.90	30.71	46.29	59.07	68.20	-9.13	peak
3	5570.000	10.46	32.94	30.67	81.62	94.35	68.20	26.15	peak
4	5725.000	10.68	33.25	30.61	44.52	57.84	68.20	-10.36	peak
5	5759.424	10.83	33.32	30.60	45.78	59.33	68.20	-8.87	peak



11ac_VHT(160M)_TX_CH_114_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5570 Band edge

: 5G WIFI 11AC160 MIMO

		Cable	Ant	Preamp	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	5443.963	10.60	32.89	30.72	33.17	45.94	54.00	-8.06	Average
2	5460.000	10.60	32.90	30.72	32.89	45.67	54.00	-8.33	Average
3	5570.000	10.46	32.94	30.67	71.30	84.03	-----	-----	Average



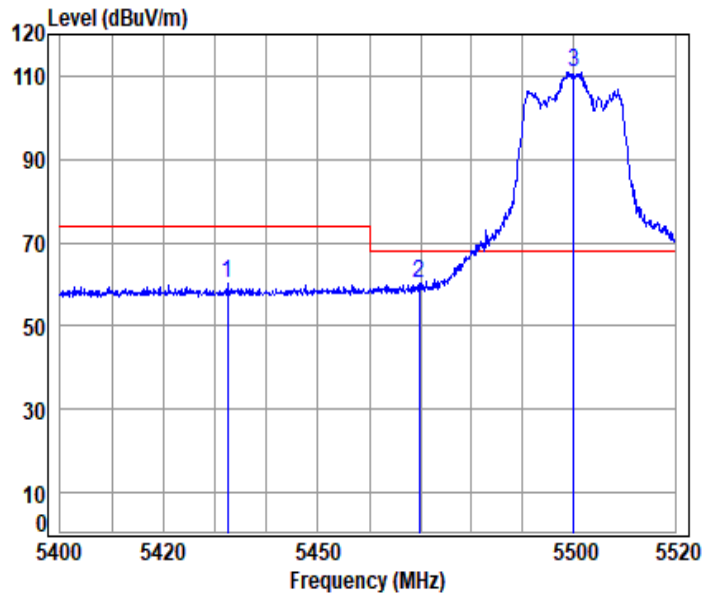
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Shenzhen Branch Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

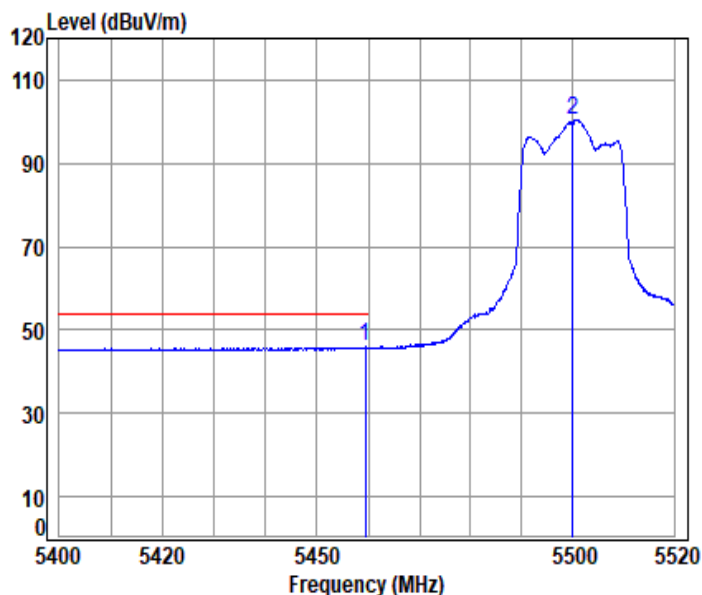
Mode : 5500 Band edge

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5432.379	10.61	32.86	30.73	47.37	60.11	74.00	-13.89	peak
2	5469.759	10.59	32.90	30.71	47.35	60.13	68.20	-8.07	peak
3	5500.000	10.58	32.90	30.70	97.99	110.77	68.20	42.57	peak



11ax_20M_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11AX20 MIMO

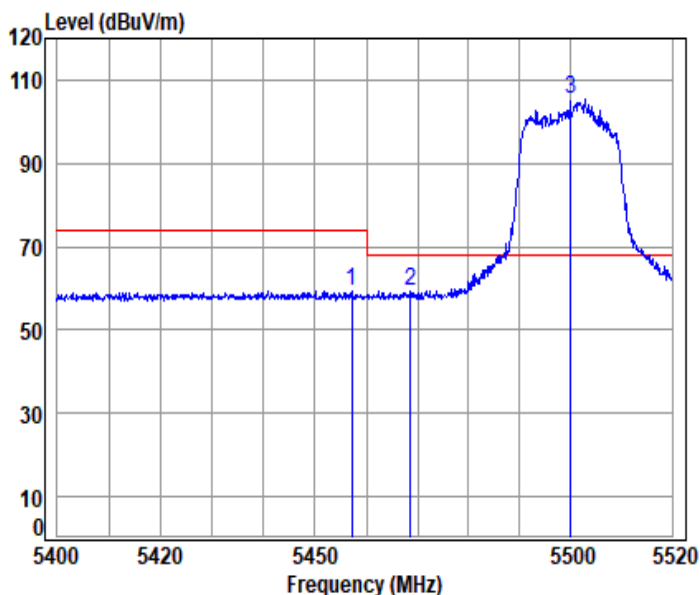
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5459.430	10.60	32.90	30.72	33.08	45.86	54.00	-8.14	Average
2	5500.000	10.58	32.90	30.70	87.72	100.50	-----	-----	Average



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11ax_20M_TX_CH_100_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11AX20 MIMO

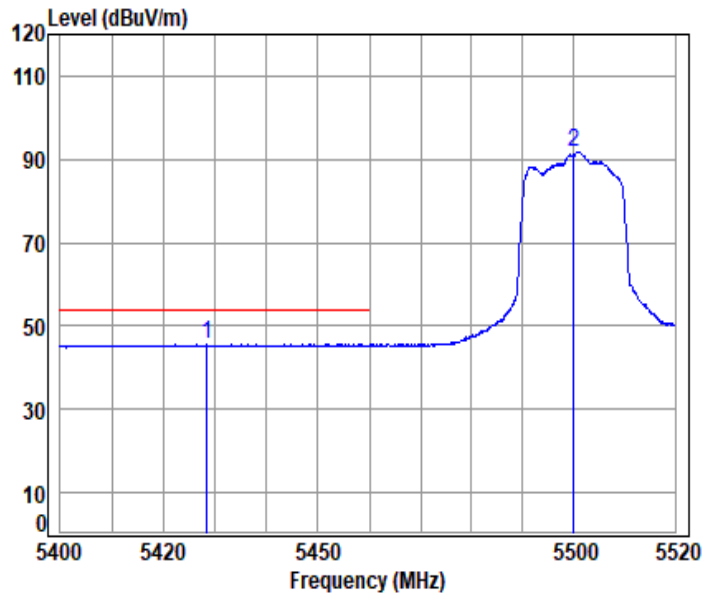
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5457.151	10.60	32.90	30.72	46.58	59.36	74.00 -14.64 Peak
2	5468.557	10.59	32.90	30.71	46.69	59.47	68.20 -8.73 peak
3	pp 5500.000	10.58	32.90	30.70	92.59	105.37	68.20 37.17 Peak



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11ax_20M_TX_CH_100_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11AX20 MIMO

		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 pp	5428.321	10.61	32.86	30.73	32.78	45.52	54.00	-8.48 Average
2	5500.000	10.58	32.90	30.70	79.10	91.88	-----	----- Average



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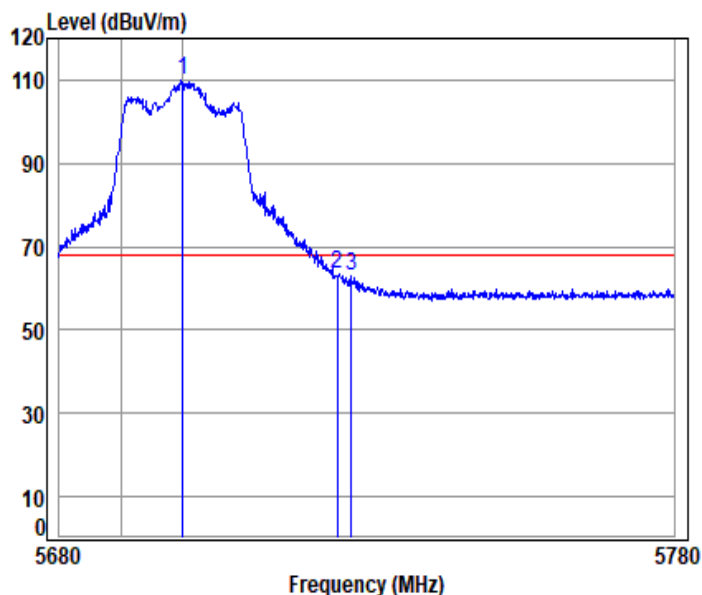
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200460909

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11ax_20M_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5700 Band edge

: 5G WIFI 11AX20 MIMO

		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	pp 5700.000	10.56	33.20	30.62	96.97	110.11	68.20	41.91 peak
2	5725.000	10.68	33.25	30.61	50.21	63.53	68.20	-4.67 peak
3	5727.282	10.69	33.25	30.61	49.79	63.12	68.20	-5.08 peak



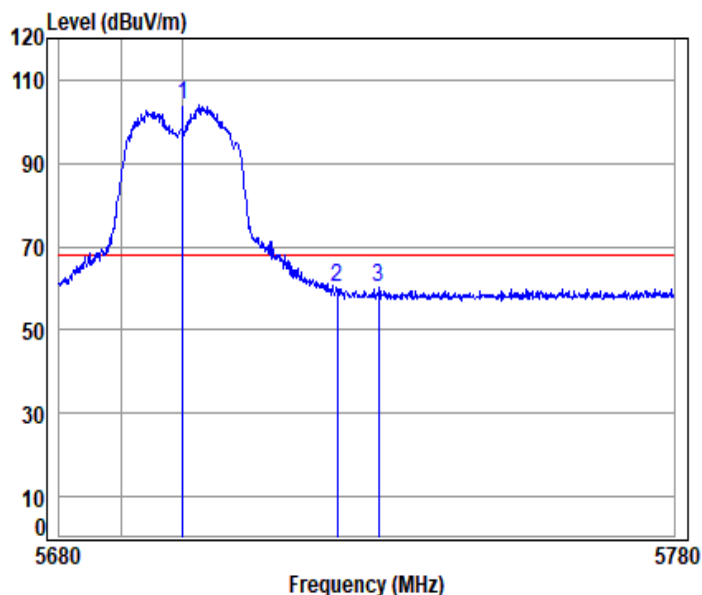
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11ax_20M_TX_CH_140_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5700 Band edge

: 5G WIFI 11AX20 MIMO

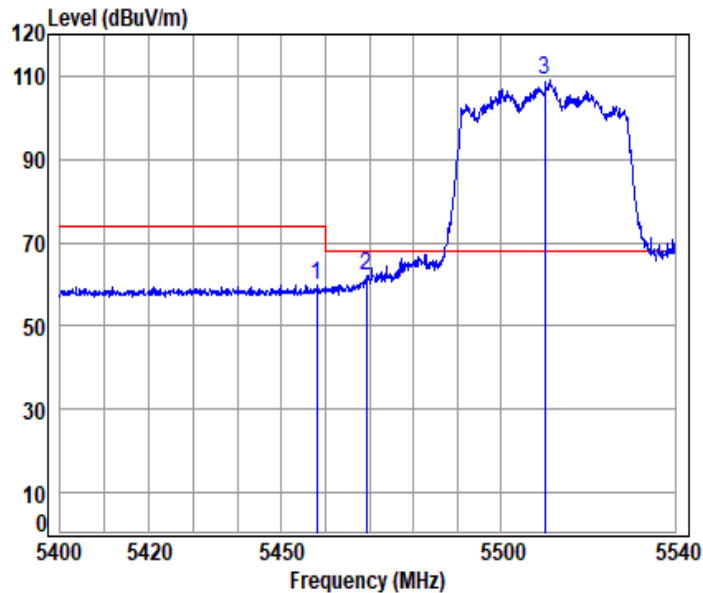
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5700.000	10.56	33.20	30.62	90.87	104.01	68.20	35.81 peak
2	5725.000	10.68	33.25	30.61	46.69	60.01	68.20	-8.19 peak
3	5731.782	10.71	33.26	30.61	46.94	60.30	68.20	-7.90 peak



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11ax_40M_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5510 Band edge

: 5G WIFI 11AX40 MIMO

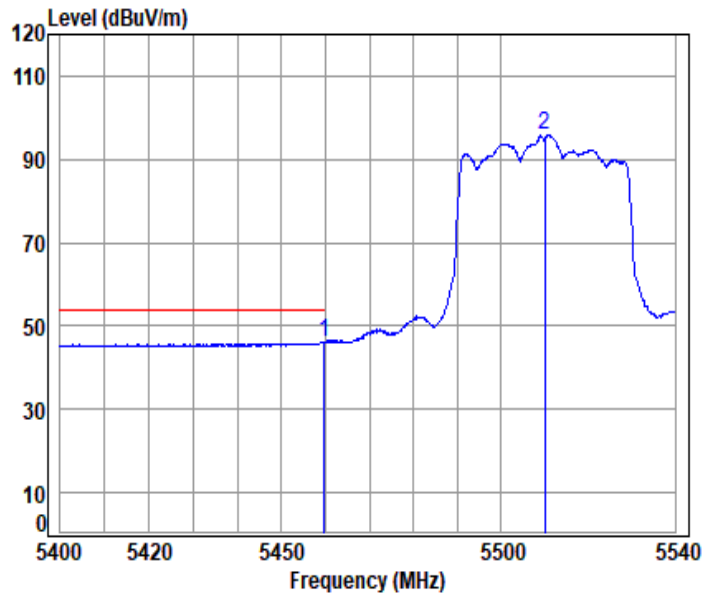
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5457.945	10.60	32.90	30.72	47.01	59.79	74.00	-14.21	peak
2	5469.272	10.59	32.90	30.71	49.27	62.05	68.20	-6.15	peak
3 pp	5510.000	10.56	32.90	30.70	96.30	109.06	68.20	40.86	peak



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11ax_40M_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

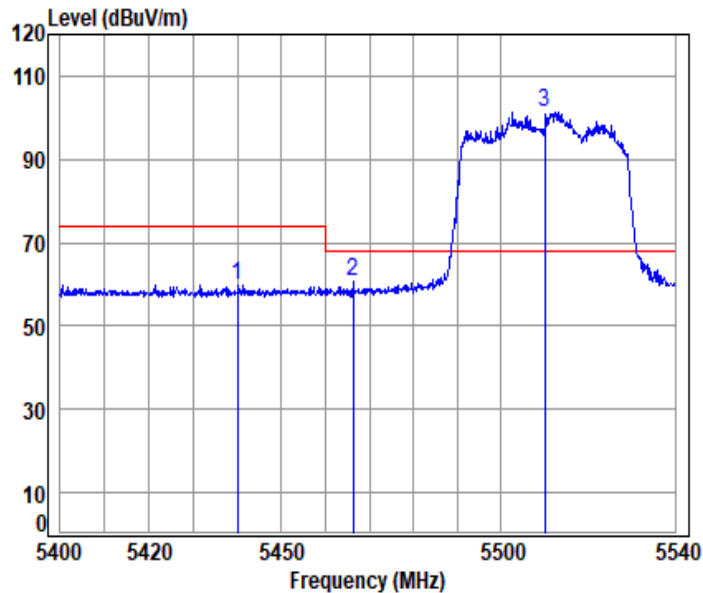
Mode : 5510 Band edge

: 5G WIFI 11AX40 MIMO

		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	pp 5459.622	10.60	32.90	30.72	33.52	46.30	54.00	-7.70 Average
2	5510.000	10.56	32.90	30.70	83.13	95.89	-----	----- Average



11ax_40M_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5510 Band edge

: 5G WIFI 11AX40 MIMO

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5440.092	10.60	32.88	30.72	47.20	59.96	74.00 -14.04 Peak
2	5466.333	10.59	32.90	30.71	47.73	60.51	68.20 -7.69 peak
3	pp 5510.000	10.56	32.90	30.70	88.72	101.48	68.20 33.28 Peak



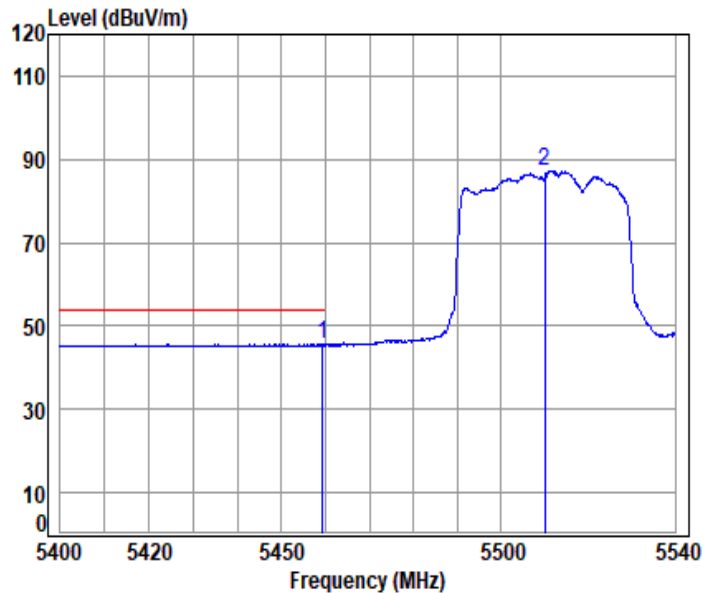
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200460909

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11ax_40M_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5510 Band edge

: 5G WIFI 11AX40 MIMO

		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	pp 5459.342	10.60	32.90	30.72	32.89	45.67	54.00	-8.33 Average
2	5510.000	10.56	32.90	30.70	74.42	87.18	-----	----- Average



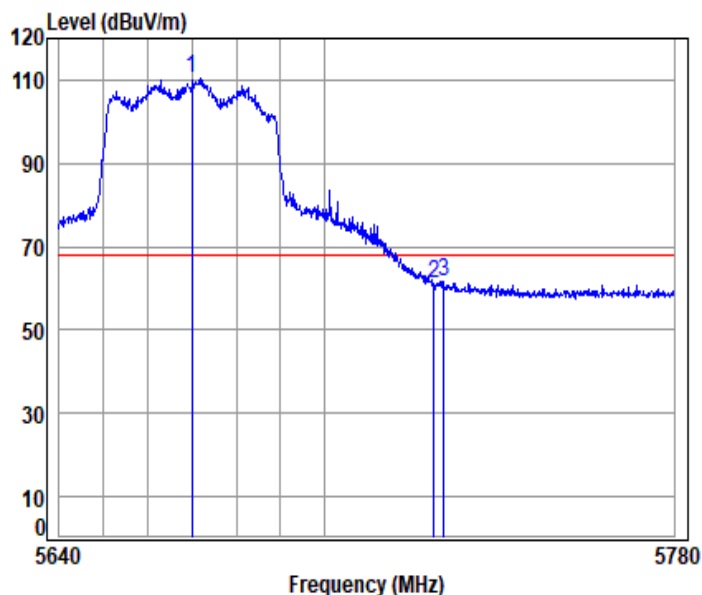
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

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11ax_40M_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5670 Band edge

: 5G WIFI 11AX40 MIMO

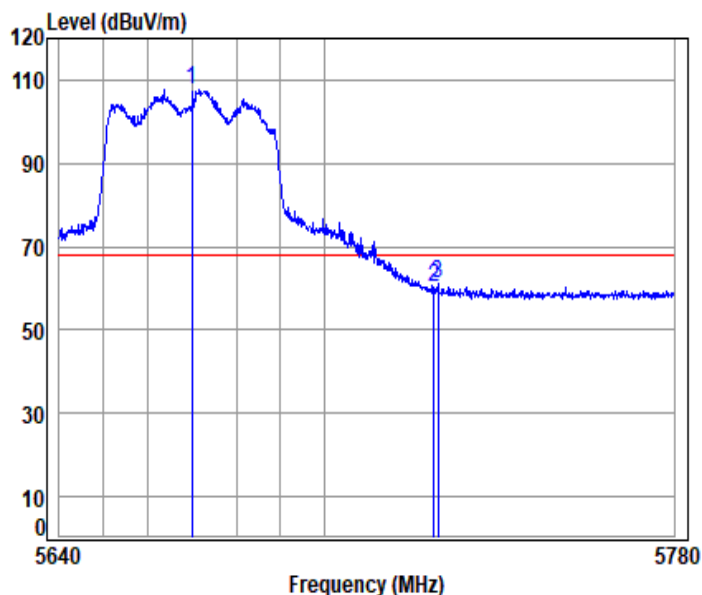
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5670.000	10.52	33.14	30.63	97.26	110.29	68.20	42.09 peak
2	5725.000	10.68	33.25	30.61	47.82	61.14	68.20	-7.06 peak
3	5727.238	10.69	33.25	30.61	48.49	61.82	68.20	-6.38 peak



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11ax_40M_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5670 Band edge

: 5G WIFI 11AX40 MIMO

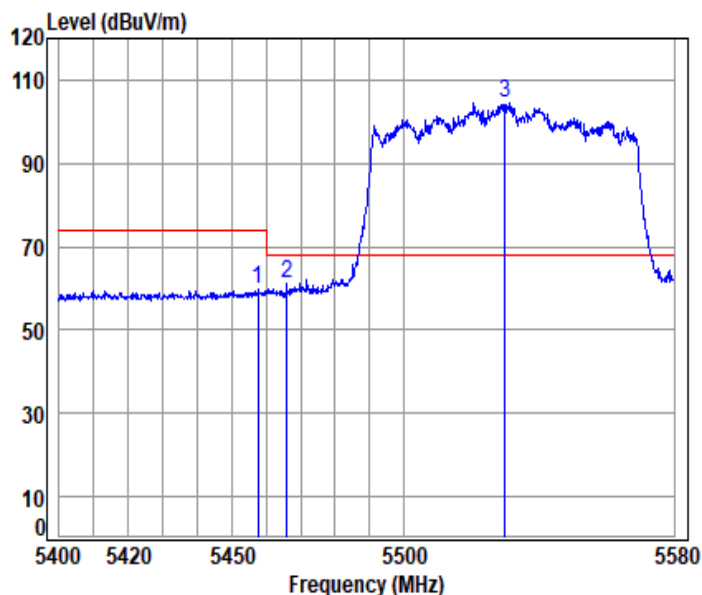
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5670.000	10.52	33.14	30.63	94.57	107.60	68.20	39.40 peak
2	5725.000	10.68	33.25	30.61	46.85	60.17	68.20	-8.03 peak
3	5725.833	10.68	33.25	30.61	47.99	61.31	68.20	-6.89 peak



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11ax_80M_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

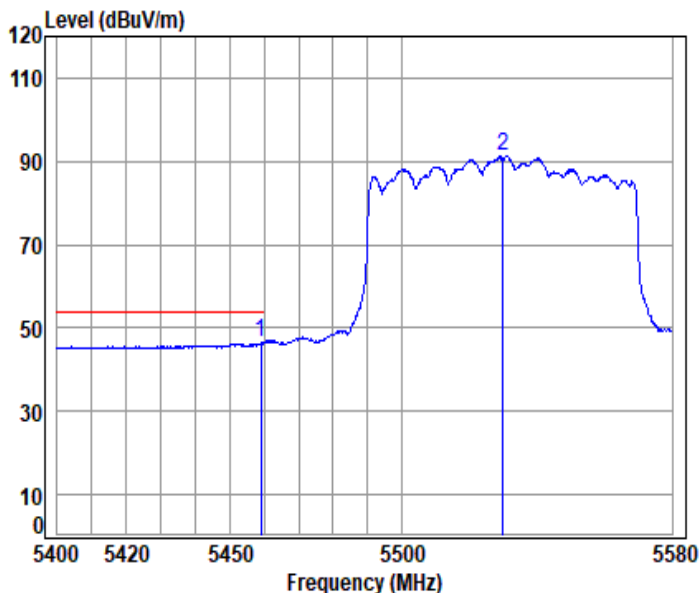
Mode : 5530 Band edge

: 5G WIFI 11AX80 MIMO

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5457.496	10.60	32.90	30.72	46.80	59.58	74.00 -14.42 peak
2	5465.913	10.59	32.90	30.71	48.27	61.05	68.20 -7.15 peak
3	5530.000	10.53	32.90	30.69	91.65	104.39	68.20 36.19 peak



11ax_80M_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5530 Band edge

: 5G WIFI 11AX80 MIMO

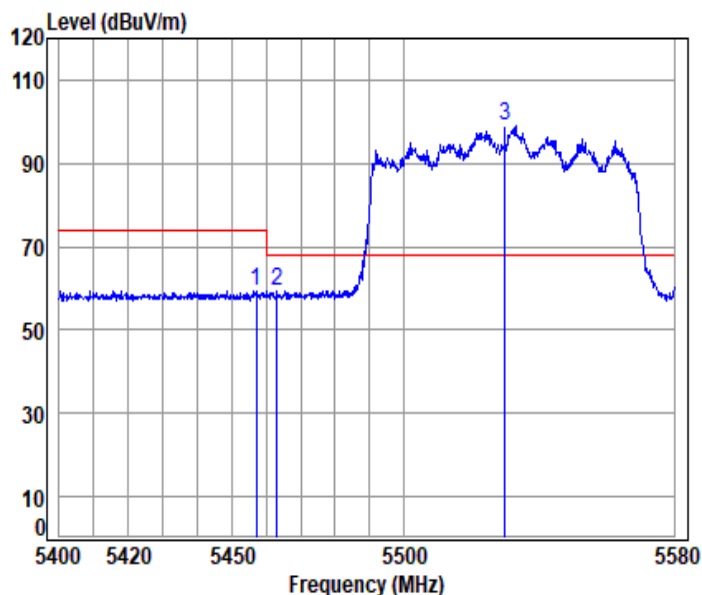
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5459.107	10.60	32.90	30.72	33.72	46.50	54.00	-7.50 Average
2	5530.000	10.53	32.90	30.69	78.52	91.26	-----	----- Average



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11ax_80M_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5530 Band edge

: 5G WIFI 11AX80 MIMO

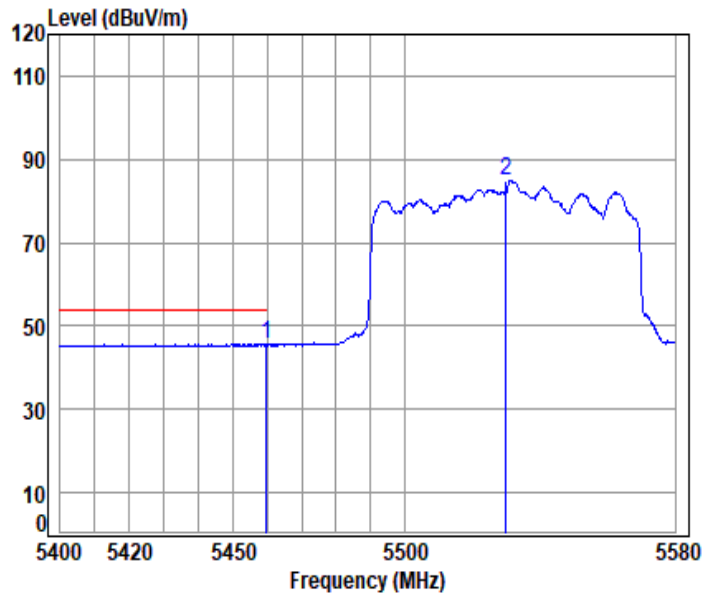
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5456.959	10.60	32.90	30.72	46.53	59.31	74.00 -14.69 Peak
2	5463.046	10.59	32.90	30.71	46.54	59.32	68.20 -8.88 peak
3	5530.000	10.53	32.90	30.69	86.12	98.86	68.20 30.66 Peak



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11ax_80M_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

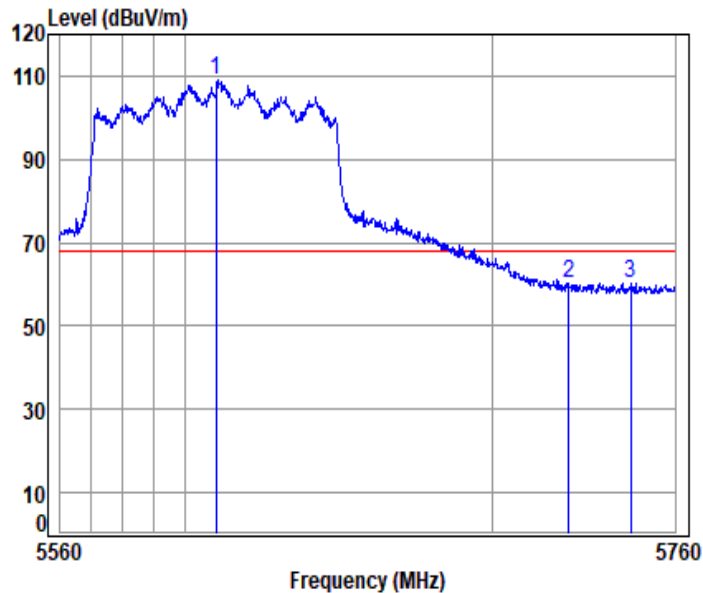
Mode : 5530 Band edge

: 5G WIFI 11AX80 MIMO

		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	pp 5459.823	10.60	32.90	30.72	32.89	45.67	54.00	-8.33 Average
2	5530.000	10.53	32.90	30.69	72.07	84.81	-----	----- Average



11ax_80M_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5610 Band edge

: 5G WIFI 11AX80 MIMO

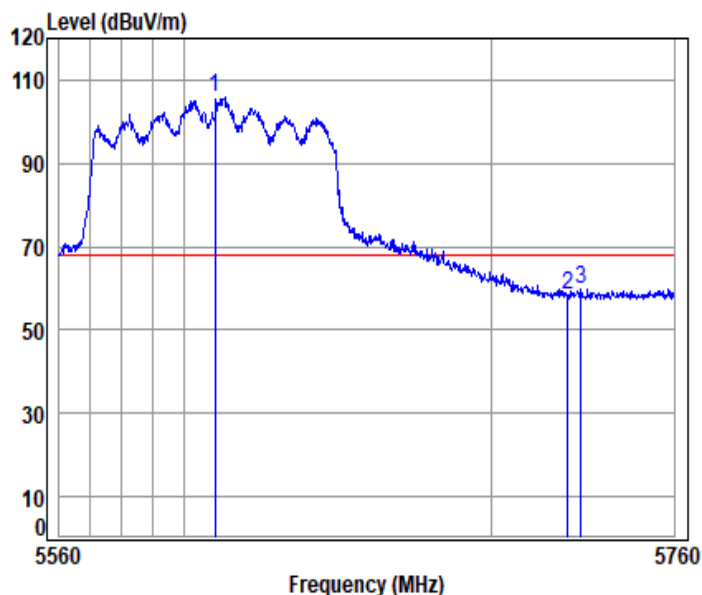
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5610.000	10.43	33.02	30.66	96.25	109.04	68.20	40.84 peak
2	5725.000	10.68	33.25	30.61	46.77	60.09	68.20	-8.11 peak
3	5745.363	10.77	33.29	30.60	46.99	60.45	68.20	-7.75 peak



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11ax_80M_TX_CH_122_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5610 Band edge

: 5G WIFI 11AX80 MIMO

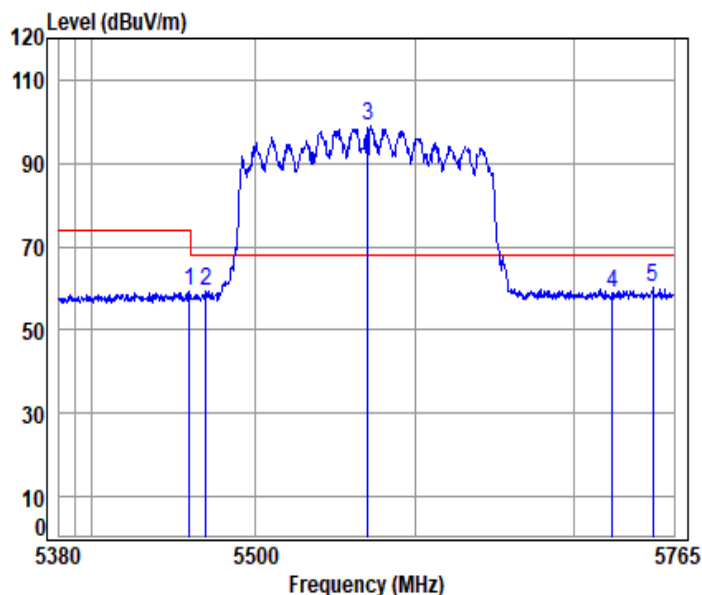
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5610.000	10.43	33.02	30.66	93.27	106.06	68.20	37.86 peak
2	5725.000	10.68	33.25	30.61	45.00	58.32	68.20	-9.88 peak
3	5729.345	10.69	33.26	30.61	46.45	59.79	68.20	-8.41 peak



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11ax_160M_TX_CH_114_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5570 Band edge

: 5G WIFI 11AX160 MIMO

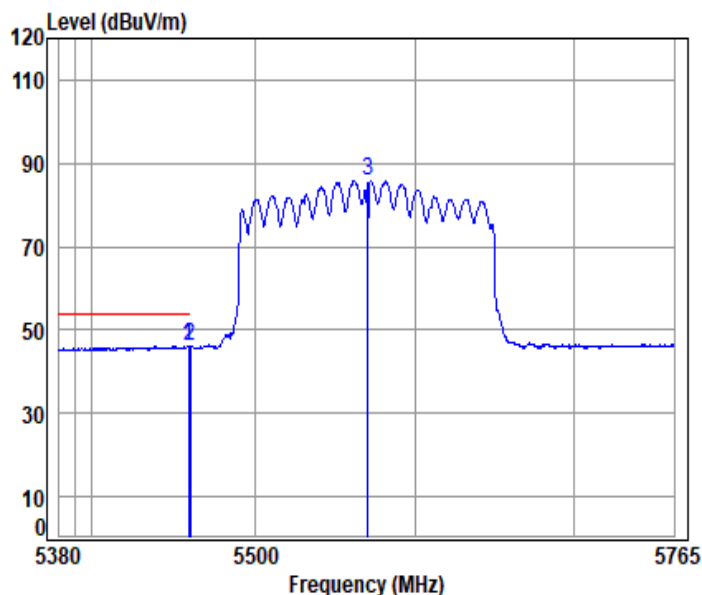
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5459.412	10.60	32.90	30.72	46.48	59.26	74.00	-14.74 peak
2	5469.610	10.59	32.90	30.71	46.38	59.16	68.20	-9.04 peak
3 pp	5570.000	10.46	32.94	30.67	86.19	98.92	68.20	30.72 peak
4	5725.000	10.68	33.25	30.61	45.64	58.96	68.20	-9.24 peak
5	5751.071	10.79	33.30	30.60	46.59	60.08	68.20	-8.12 peak



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11ax_160M_TX_CH_114_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5570 Band edge

: 5G WIFI 11AX160 MIMO

		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 pp	5459.035	10.60	32.90	30.72	33.41	46.19	54.00	-7.81 Average
2	5460.000	10.60	32.90	30.72	33.13	45.91	54.00	-8.09 Average
3	5570.000	10.46	32.94	30.67	73.15	85.88	-----	----- Average



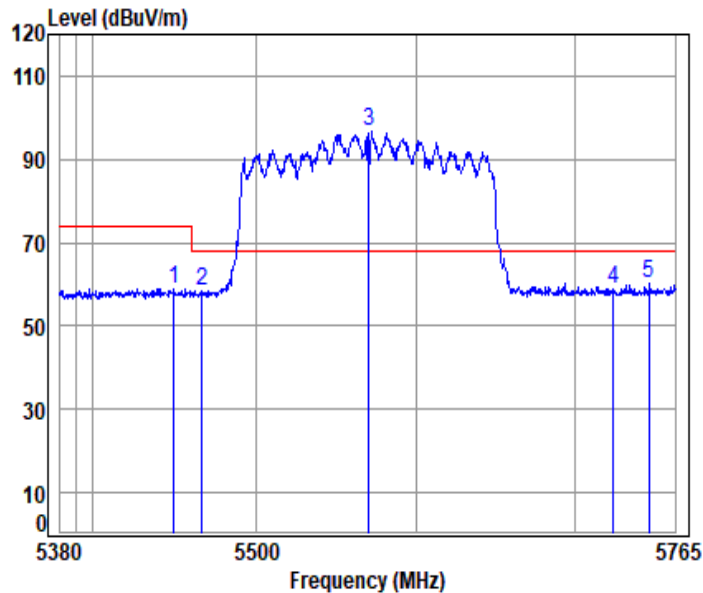
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11ax_160M_TX_CH_114_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5570 Band edge

: 5G WIFI 11AX160 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5449.233	10.60	32.90	30.72	46.12	58.90	74.00	-15.10	peak
2	5466.586	10.59	32.90	30.71	45.77	58.55	68.20	-9.65	peak
3 pp	5570.000	10.46	32.94	30.67	83.84	96.57	68.20	28.37	peak
4	5725.000	10.68	33.25	30.61	45.71	59.03	68.20	-9.17	peak
5	5748.289	10.78	33.30	30.60	46.69	60.17	68.20	-8.03	peak



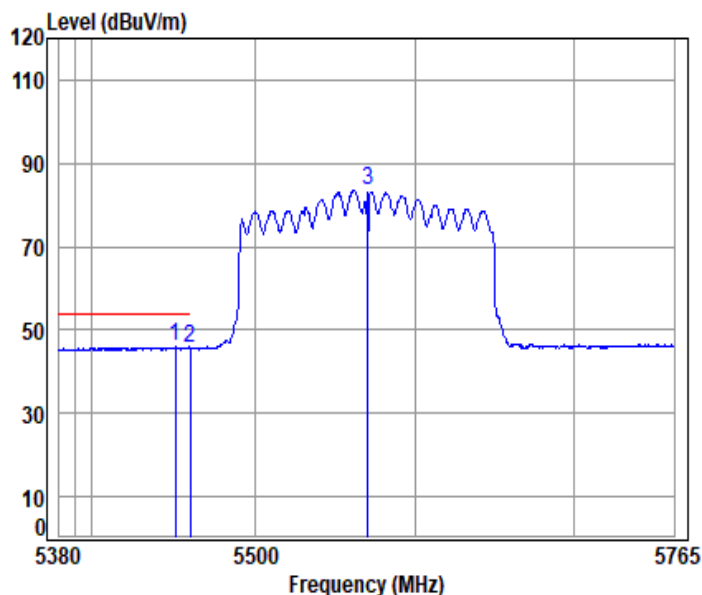
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11ax_160M_TX_CH_114_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5570 Band edge

: 5G WIFI 11AX160 MIMO

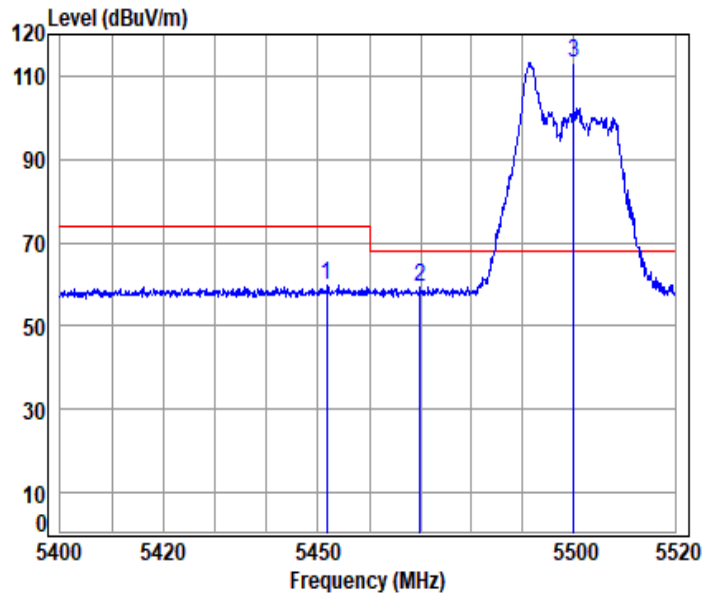
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5450.740	10.60	32.90	30.72	33.14	45.92	54.00	-8.08 Average
2	5460.000	10.60	32.90	30.72	32.98	45.76	54.00	-8.24 Average
3	5570.000	10.46	32.94	30.67	70.63	83.36	-----	----- Average



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11ax_20M_Partial_RU26_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

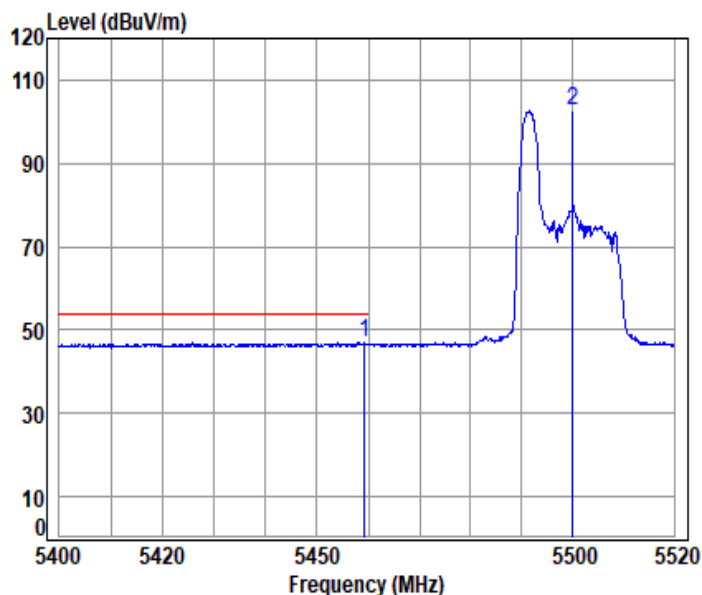
Mode : 5500 Band edge

: 5G WIFI 11AX20 RU26 MIMO

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 5451.756	10.60	32.90	30.72	47.21	59.99	74.00	-14.01	peak
2 5469.880	10.59	32.90	30.71	46.54	59.32	68.20	-8.88	peak
3 pp 5500.000	10.58	32.90	30.70	100.30	113.08	68.20	44.88	peak



11ax_20M_Partial_RU26_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11AX20 RU26 MIMO

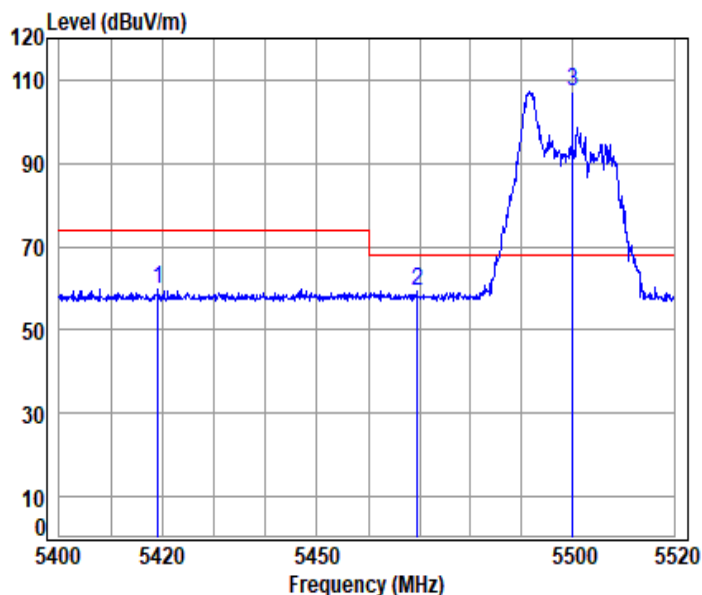
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5459.311	10.60	32.90	30.72	34.19	46.97	54.00	-7.03	Average
2	5500.000	10.58	32.90	30.70	89.82	102.60	-----	-----	Average



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11ax_20M_Partial_RU26_TX_CH_100_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

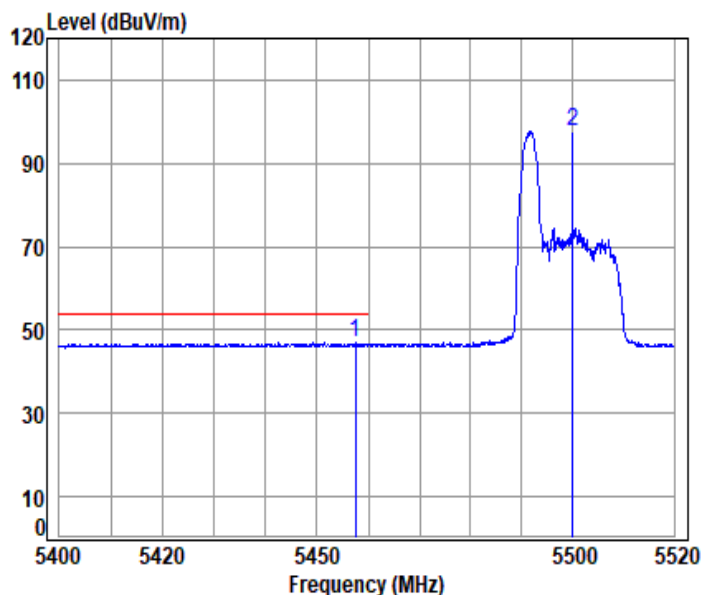
Mode : 5500 Band edge

: 5G WIFI 11AX20 RU26 MIMO

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5419.142	10.61	32.84	30.73	46.94	59.66	74.00	-14.34 Peak
2	5469.519	10.59	32.90	30.71	46.66	59.44	68.20	-8.76 peak
3	pp 5500.000	10.58	32.90	30.70	94.39	107.17	68.20	38.97 Peak



11ax_20M_Partial_RU26_TX_CH_100_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11AX20 RU26 MIMO

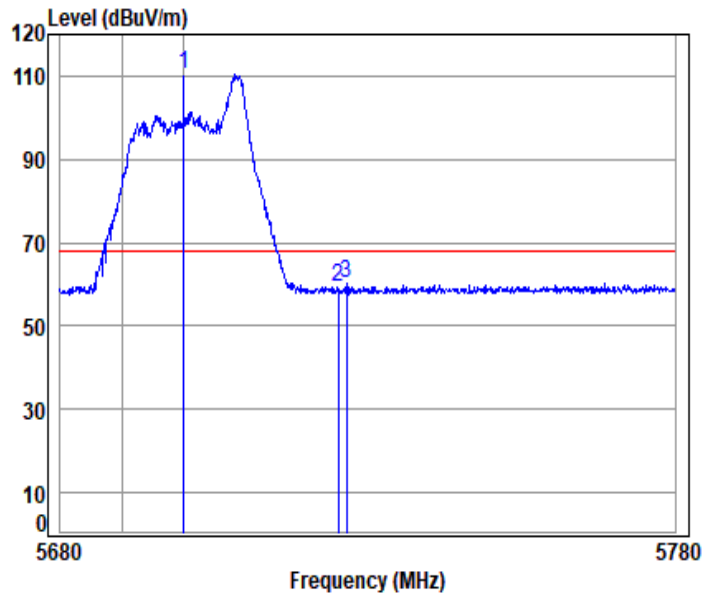
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5457.511	10.60	32.90	30.72	34.15	46.93	54.00	-7.07	Average
2	5500.000	10.58	32.90	30.70	84.71	97.49	-----	-----	Average



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11ax_20M_Partial_RU26_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5700 Band edge

: 5G WIFI 11AX20 RU26 MIMO

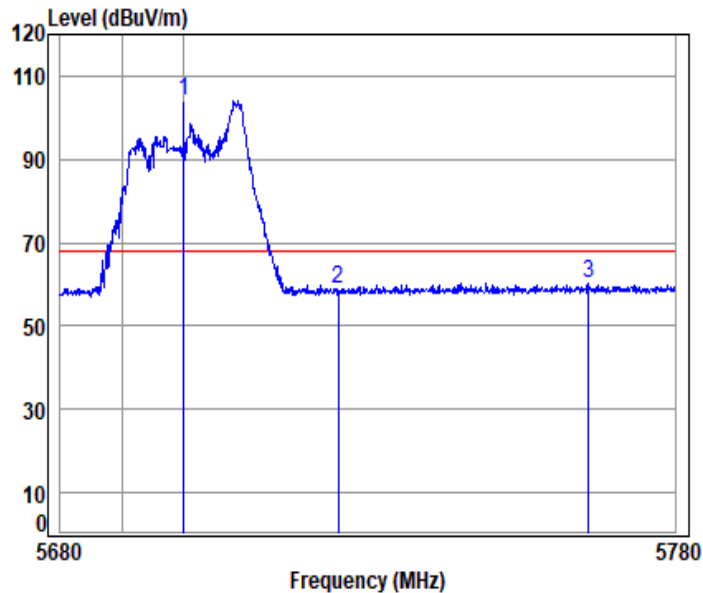
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5700.000	10.56	33.20	30.62	97.33	110.47	68.20	42.27 peak
2	5725.000	10.68	33.25	30.61	45.91	59.23	68.20	-8.97 peak
3	5726.383	10.68	33.25	30.61	46.80	60.12	68.20	-8.08 peak



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11ax_20M_Partial_RU26_TX_CH_140_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

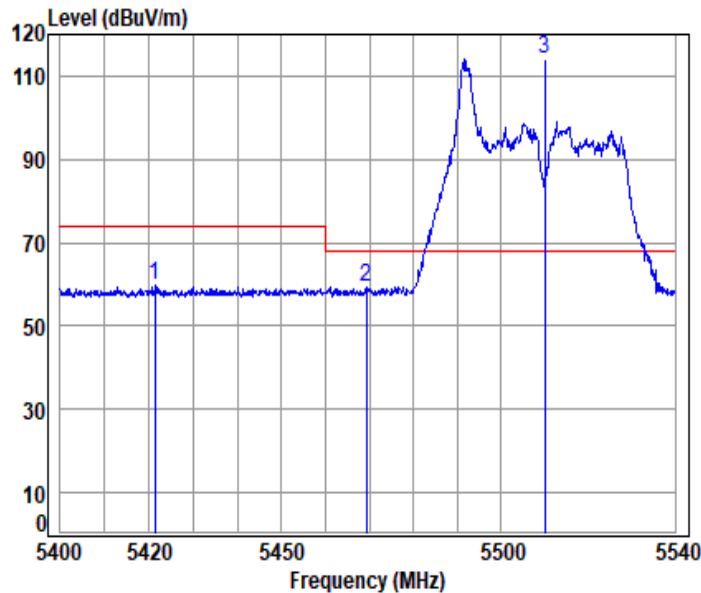
Mode : 5700 Band edge

: 5G WIFI 11AX20 RU26 MIMO

		Cable	Ant	Preamp	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	90.92	104.06	68.20	35.86	Peak
2	5725.000	10.68	33.25	30.61	45.35	58.67	68.20	-9.53	peak
3	5765.895	10.86	33.33	30.59	46.72	60.32	68.20	-7.88	peak



11ax_40M_Partial_RU26_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

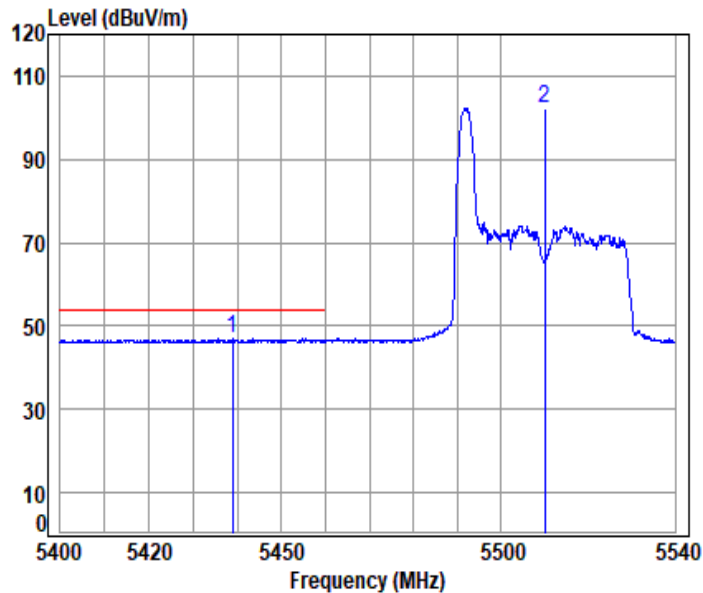
Mode : 5510 Band edge

: 5G WIFI 11AX40 RU26 MIMO

	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	5421.327	10.61	32.84	30.73	47.04	59.76	74.00 -14.24 peak
2	5469.272	10.59	32.90	30.71	46.67	59.45	68.20 -8.75 peak
3	5510.000	10.56	32.90	30.70	101.24	114.00	68.20 45.80 peak



11ax_40M_Partial_RU26_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

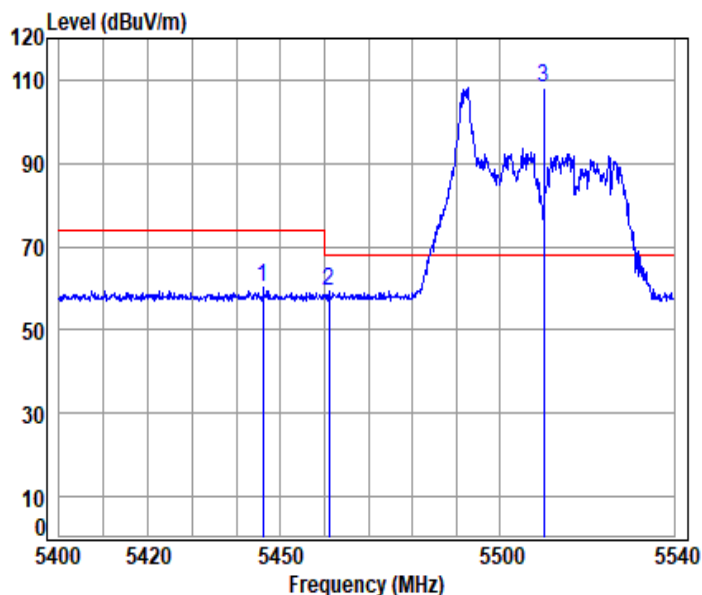
Mode : 5510 Band edge

: 5G WIFI 11AX40 RU26 MIMO

		Cable	Ant	Preamp	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	5438.839	10.60	32.88	30.72	34.21	46.97	54.00	-7.03	Average
2	5510.000	10.56	32.90	30.70	89.37	102.13	-----	-----	Average



11ax_40M_Partial_RU26_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5510 Band edge

: 5G WIFI 11AX40 RU26 MIMO

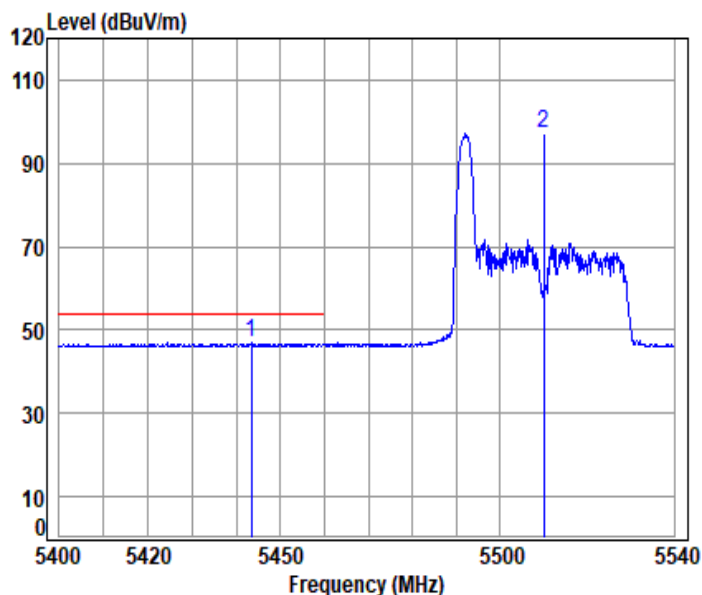
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5446.083	10.60	32.89	30.72	47.41	60.18	74.00 -13.82 Peak
2	5461.019	10.60	32.90	30.72	46.56	59.34	68.20 -8.86 peak
3	5510.000	10.56	32.90	30.70	95.15	107.91	68.20 39.71 Peak



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11ax_40M_Partial_RU26_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5510 Band edge

: 5G WIFI 11AX40 RU26 MIMO

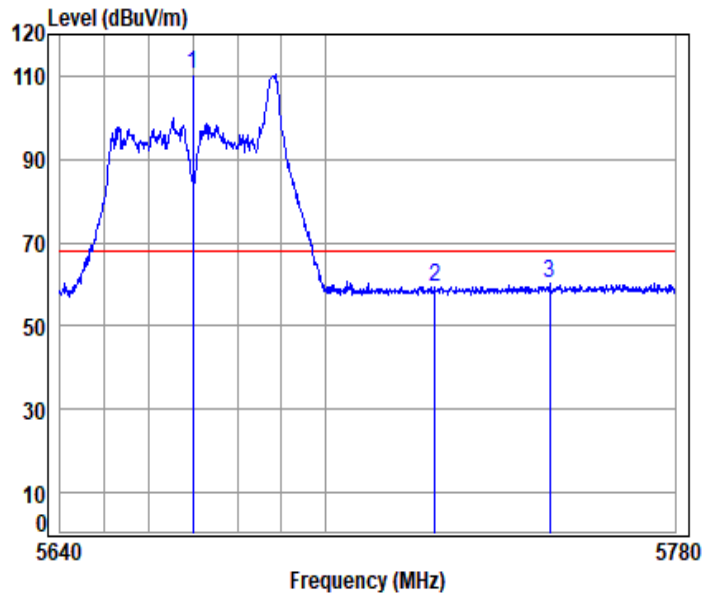
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5443.296	10.60	32.89	30.72	34.15	46.92	54.00	-7.08	Average
2	5510.000	10.56	32.90	30.70	84.28	97.04	-----	-----	Average



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11ax_40M_Partial_RU26_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5670 Band edge

: 5G WIFI 11AX40 RU26 MIMO

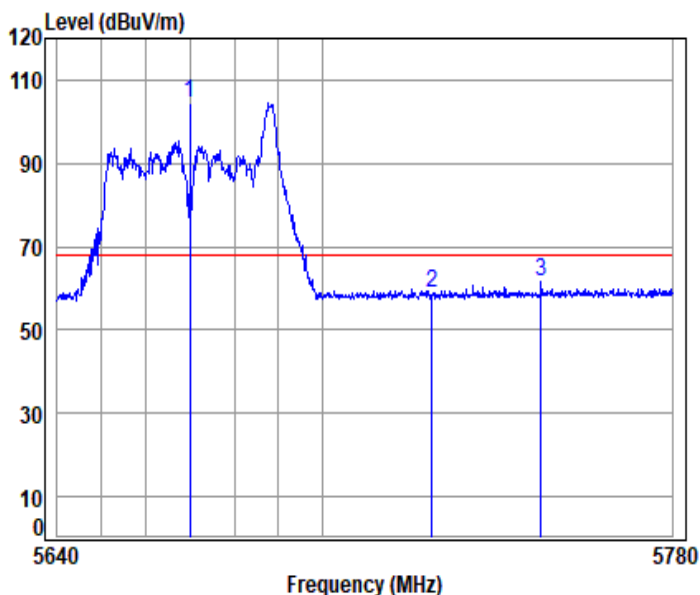
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp 5670.000	10.52	33.14	30.63	97.42	110.45	68.20	42.25 peak
2 5725.000	10.68	33.25	30.61	45.87	59.19	68.20	-9.01 peak
3 5751.161	10.80	33.30	30.60	46.75	60.25	68.20	-7.95 peak



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11ax_40M_Partial_RU26_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5670 Band edge

: 5G WIFI 11AX40 RU26 MIMO

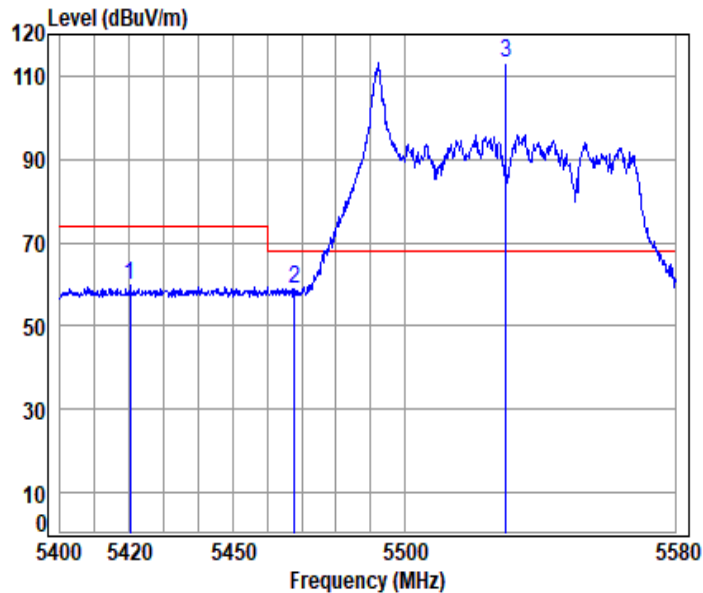
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5670.000	10.52	33.14	30.63	91.68	104.71	68.20	36.51 Peak
2	5725.000	10.68	33.25	30.61	45.63	58.95	68.20	-9.25 peak
3	5749.892	10.79	33.30	30.60	47.98	61.47	68.20	-6.73 peak



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11ax_80M_Partial_RU26_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

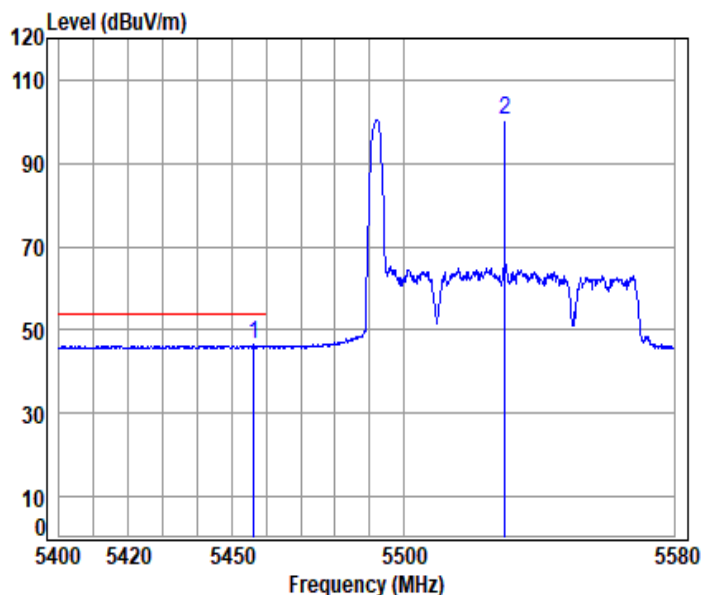
Mode : 5530 Band edge

: 5G WIFI 11AX80 RU26 MIMO

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5420.223	10.61	32.84	30.73	47.00	59.72	74.00	-14.28 peak
2 5467.885	10.59	32.90	30.71	46.30	59.08	68.20	-9.12 peak
3 pp 5530.000	10.53	32.90	30.69	100.32	113.06	68.20	44.86 peak



11ax_80M_Partial_RU26_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5530 Band edge

: 5G WIFI 11AX80 RU26 MIMO

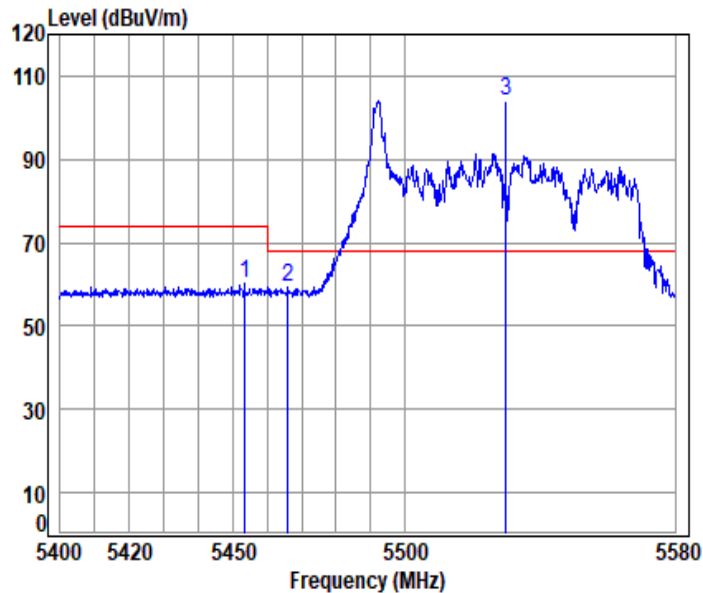
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5456.422	10.60	32.90	30.72	33.53	46.31	54.00	-7.69	Average
2	5530.000	10.53	32.90	30.69	87.76	100.50	-----	-----	Average



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11ax_80M_Partial_RU26_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5530 Band edge

: 5G WIFI 11AX80 RU26 MIMO

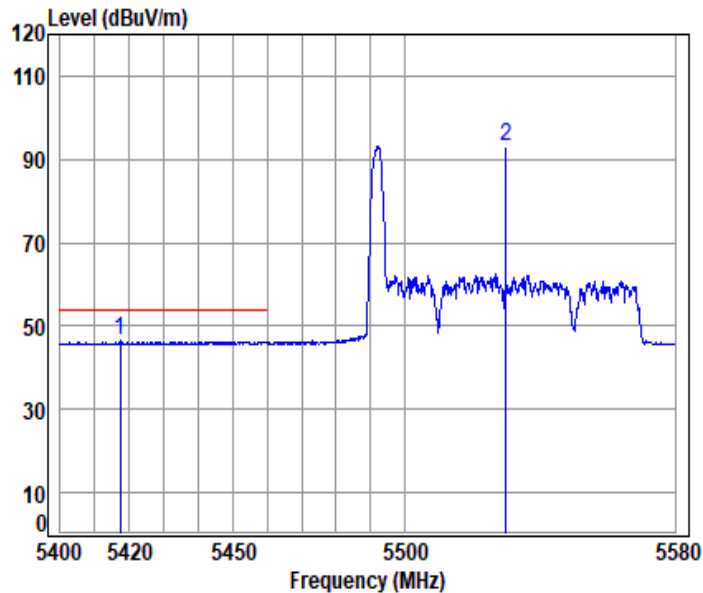
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5453.382	10.60	32.90	30.72	47.35	60.13	74.00 -13.87 Peak
2	5466.092	10.59	32.90	30.71	46.37	59.15	68.20 -9.05 peak
3 pp	5530.000	10.53	32.90	30.69	91.49	104.23	68.20 36.03 Peak



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11ax_80M_Partial_RU26_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5530 Band edge

: 5G WIFI 11AX80 RU26 MIMO

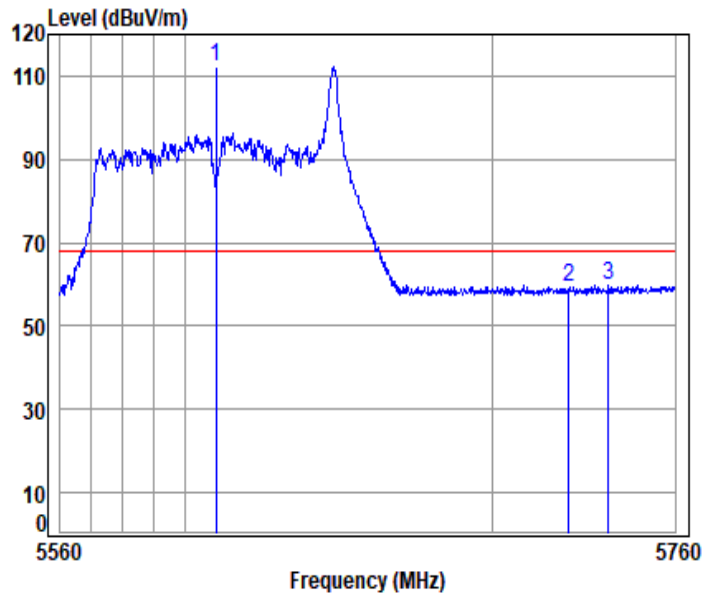
	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp 5417.203	10.61	32.83	30.73	33.66	46.37	54.00	-7.63 Average
2 5530.000	10.53	32.90	30.69	80.44	93.18	-----	----- Average



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11ax_80M_Partial_RU26_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

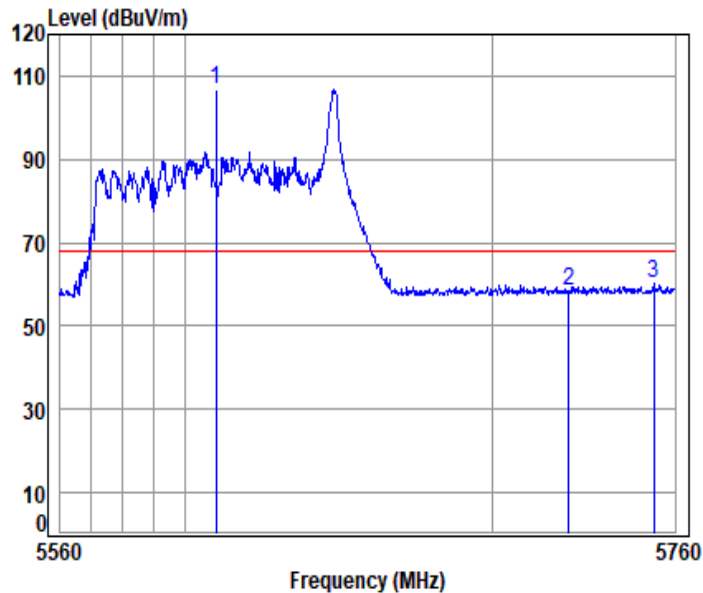
Mode : 5610 Band edge

: 5G WIFI 11AX80 RU26 MIMO

		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 pp	5610.000	10.43	33.02	30.66	99.33	112.12	68.20	43.92 peak
2	5725.000	10.68	33.25	30.61	45.93	59.25	68.20	-8.95 peak
3	5738.058	10.74	33.28	30.60	46.34	59.76	68.20	-8.44 peak



11ax_80M_Partial_RU26_TX_CH_122_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

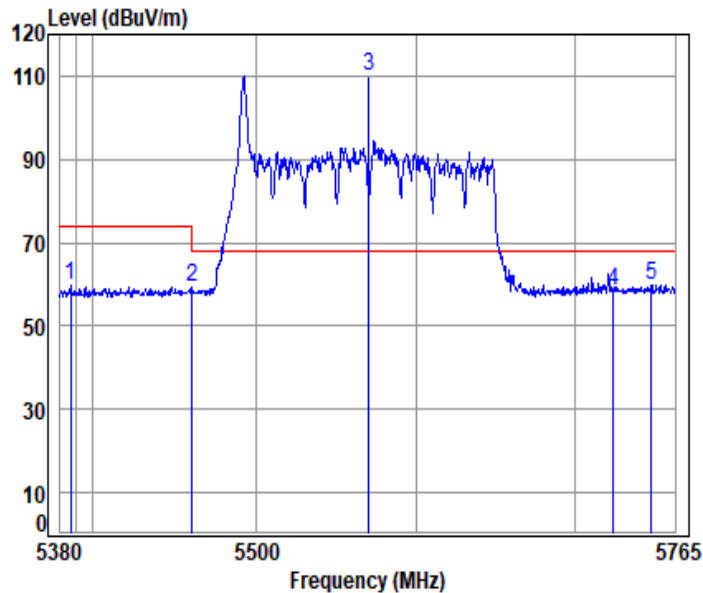
Mode : 5610 Band edge

: 5G WIFI 11AX80 RU26 MIMO

		Cable	Ant	Preamp	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	93.80	106.59	68.20	38.39	Peak
2	5725.000	10.68	33.25	30.61	45.20	58.52	68.20	-9.68	peak
3	5752.880	10.80	33.31	30.60	46.74	60.25	68.20	-7.95	peak



11ax_160M_Partial_RU26_TX_CH_114_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5570 Band edge

: 5G WIFI 11AX160 RU26 MIMO

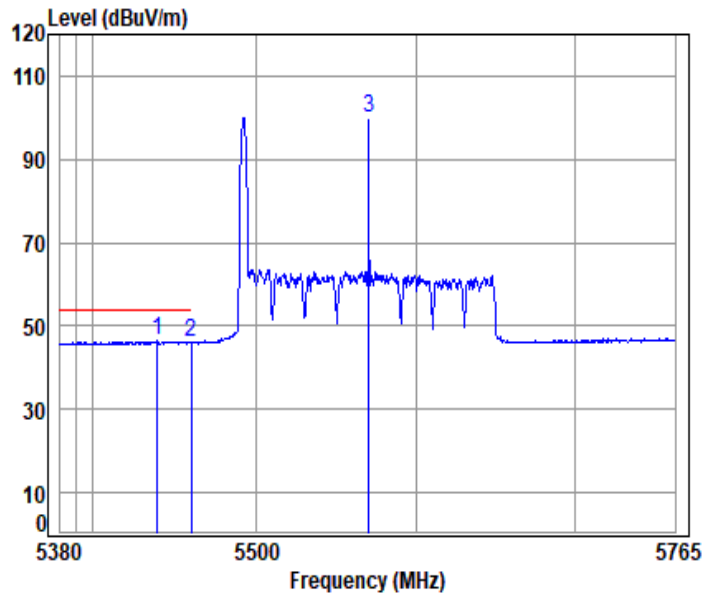
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5386.325	10.57	32.80	30.75	47.01	59.63	74.00	-14.37	peak
2	5460.167	10.60	32.90	30.72	46.51	59.29	68.20	-8.91	peak
3 pp	5570.000	10.46	32.94	30.67	97.24	109.97	68.20	41.77	peak
4	5725.000	10.68	33.25	30.61	45.30	58.62	68.20	-9.58	peak
5	5749.481	10.79	33.30	30.60	46.47	59.96	68.20	-8.24	peak



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11ax_160M_Partial_RU26_TX_CH_114_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

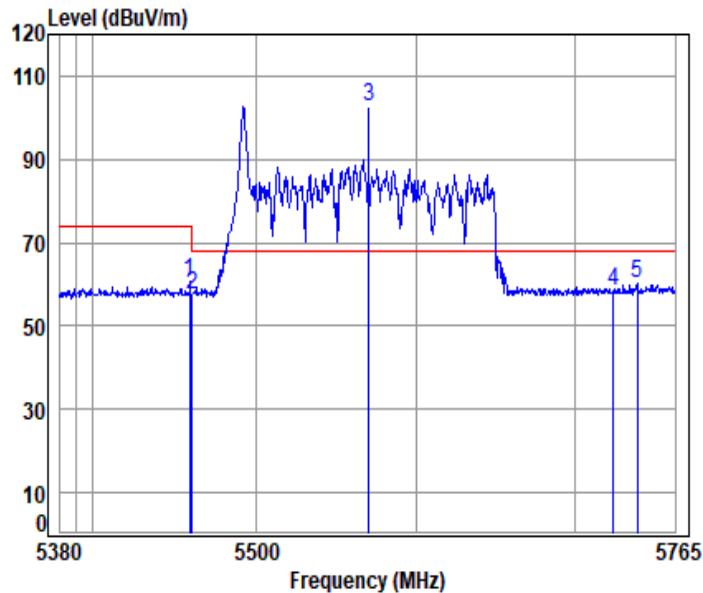
Mode : 5570 Band edge

: 5G WIFI 11AX160 RU26 MIMO

		Cable	Ant	Preamp	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	5439.074	10.60	32.88	30.72	33.57	46.33	54.00	-7.67	Average
2	5460.000	10.60	32.90	30.72	33.24	46.02	54.00	-7.98	Average
3	5570.000	10.46	32.94	30.67	87.25	99.98	-----	-----	Average



11ax_160M_Partial_RU26_TX_CH_114_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5570 Band edge

: 5G WIFI 11AX160 RU26 MIMO

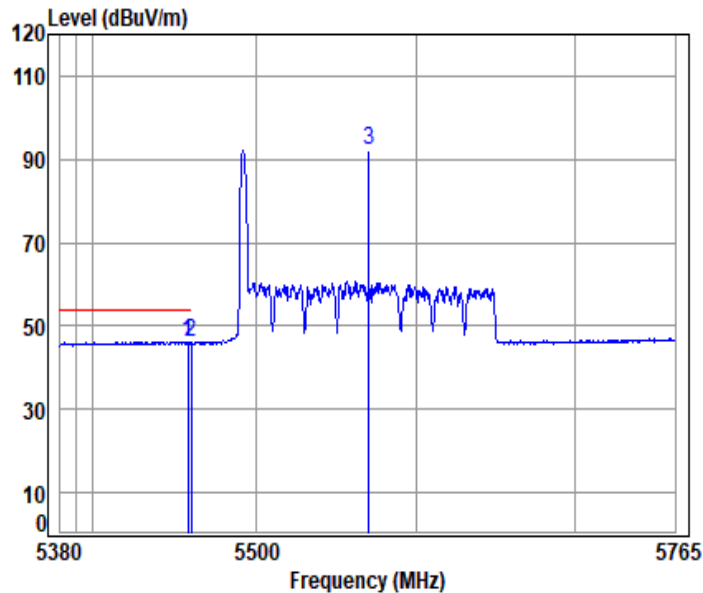
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5459.035	10.60	32.90	30.72	47.77	60.55	74.00	-13.45	Peak
2	5460.167	10.60	32.90	30.72	44.64	57.42	68.20	-10.78	Peak
3 pp	5570.000	10.58	32.90	30.70	89.90	102.68	68.20	34.48	Peak
4	5725.000	10.67	33.25	30.61	45.28	58.59	68.20	-9.61	Peak
5	5740.745	10.75	33.28	30.60	46.61	60.04	68.20	-8.16	Peak



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11ax_160M_Partial_RU26_TX_CH_114_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

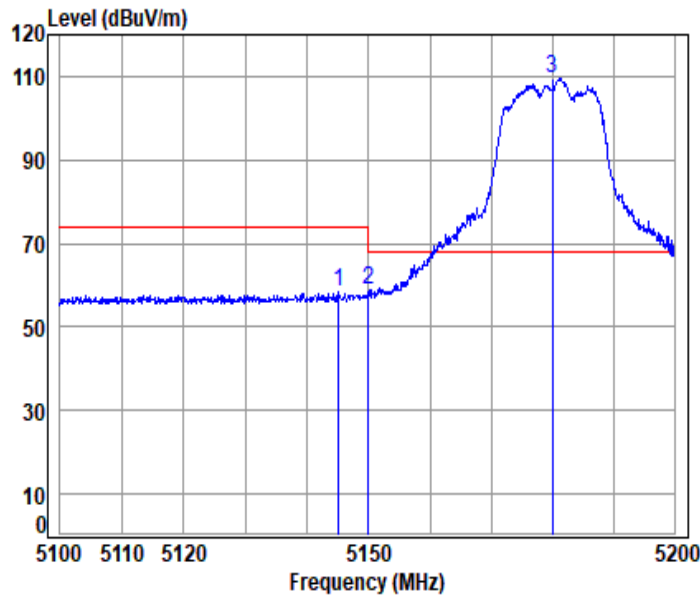
Mode : 5570 Band edge

: 5G WIFI 11AX160 RU26 MIMO

		Cable	Ant	Preamp	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	5457.903	10.60	32.90	30.72	33.39	46.17	54.00	-7.83	Average
2	5460.000	10.60	32.90	30.72	33.11	45.89	54.00	-8.11	Average
3	5570.000	10.58	32.90	30.70	79.43	92.21	-----	-----	Average



11a_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11A

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.060	10.12	32.39	30.84	46.93	58.60	74.00	-15.40 peak
2	5149.980	10.14	32.40	30.84	46.93	58.63	74.00	-15.37 peak
3	pp 5180.000	10.25	32.46	30.83	97.74	109.62	68.20	41.42 peak



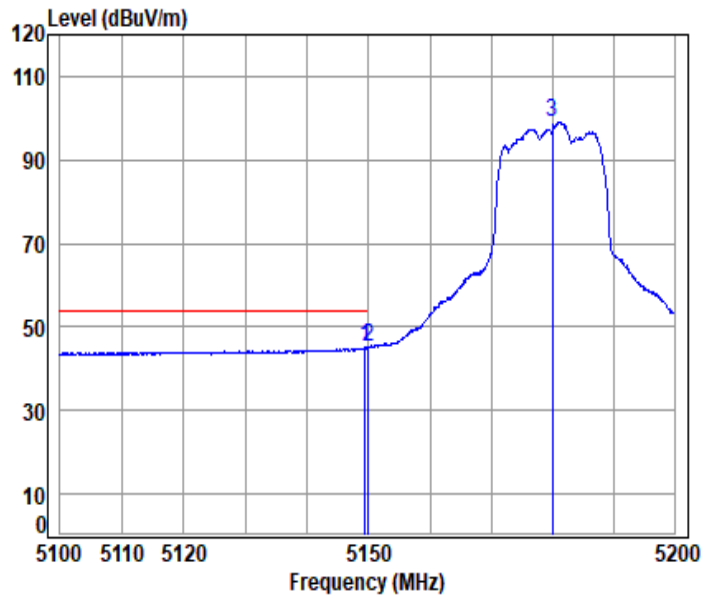
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Shenzhen Branch Testing Laboratory

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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

11a_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

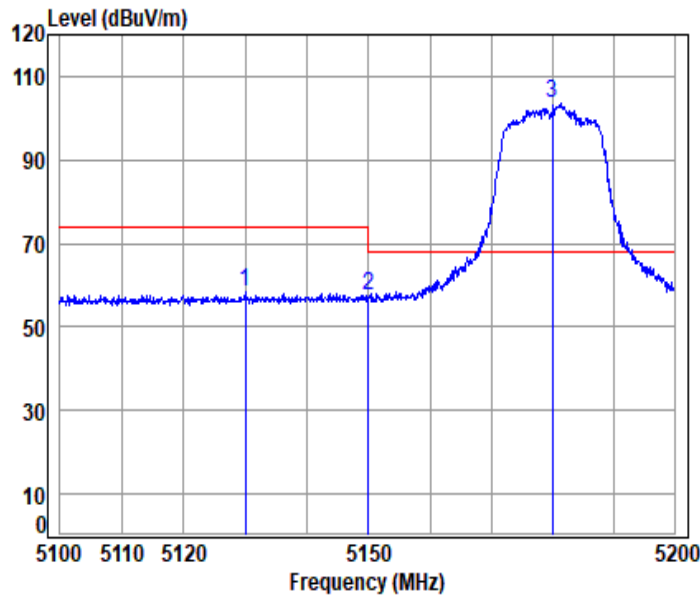
Mode : 5180 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.458	10.14	32.40	30.84	33.43	45.13	54.00	-8.87	Average
2 pp	5149.980	10.14	32.40	30.84	33.51	45.21	54.00	-8.79	Average
3	5180.000	10.25	32.46	30.83	87.34	99.22	-----	-----	Average



11a_TX_CH_36_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

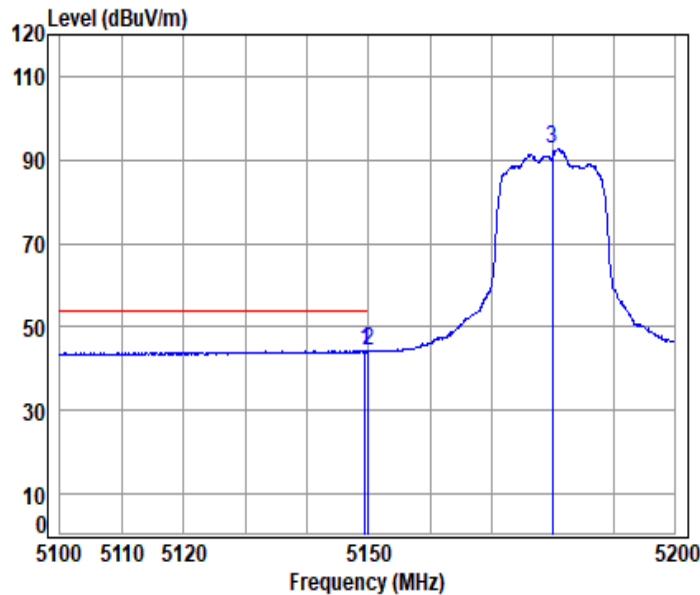
Mode : 5180 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5129.996	10.06	32.36	30.85	46.69	58.26	74.00	-15.74	Peak
2	5149.980	10.14	32.40	30.84	46.02	57.72	74.00	-16.28	Peak
3 pp	5180.000	10.25	32.46	30.83	91.49	103.37	68.20	35.17	Peak



11a_TX_CH_36_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

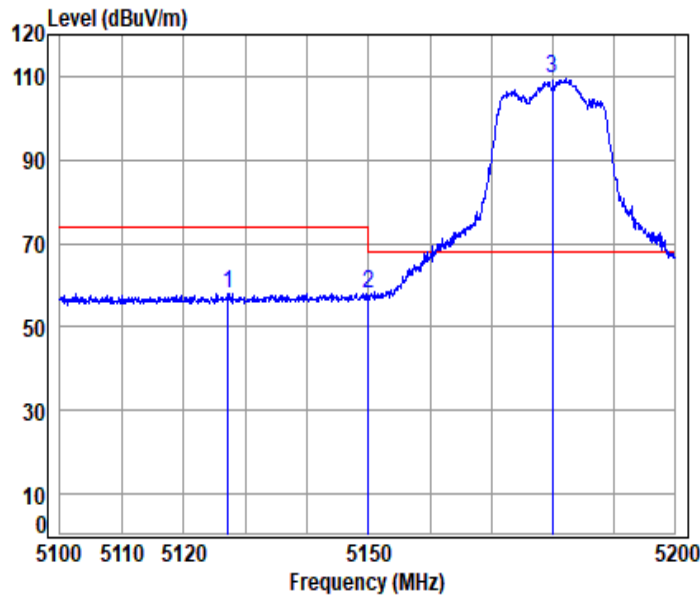
Mode : 5180 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.357	10.14	32.40	30.84	32.52	44.22	54.00	-9.78	Average
2 pp	5149.980	10.14	32.40	30.84	32.57	44.27	54.00	-9.73	Average
3	5180.000	10.25	32.46	30.83	80.72	92.60	-----	-----	Average



11n_HT(20M)_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5127.107	10.05	32.35	30.85	46.43	57.98	74.00	-16.02	peak
2	5149.980	10.14	32.40	30.84	46.12	57.82	74.00	-16.18	peak
3 pp	5180.000	10.25	32.46	30.83	97.57	109.45	68.20	41.25	peak



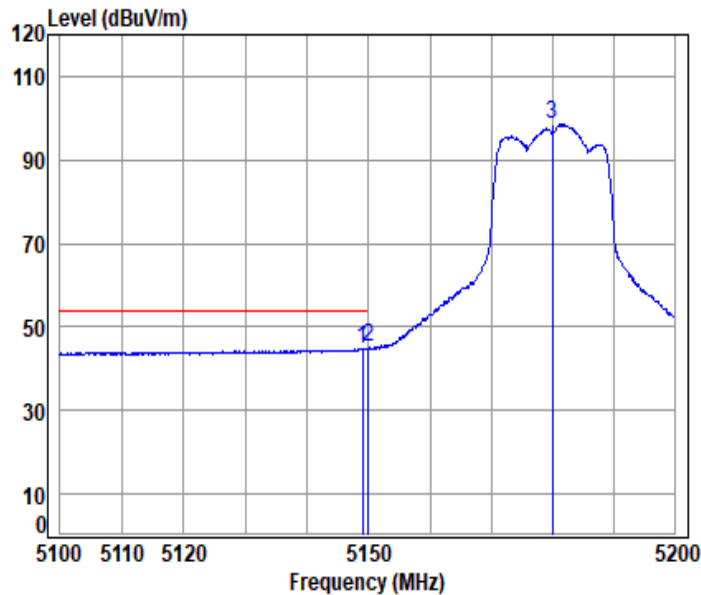
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11n_HT(20M)_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

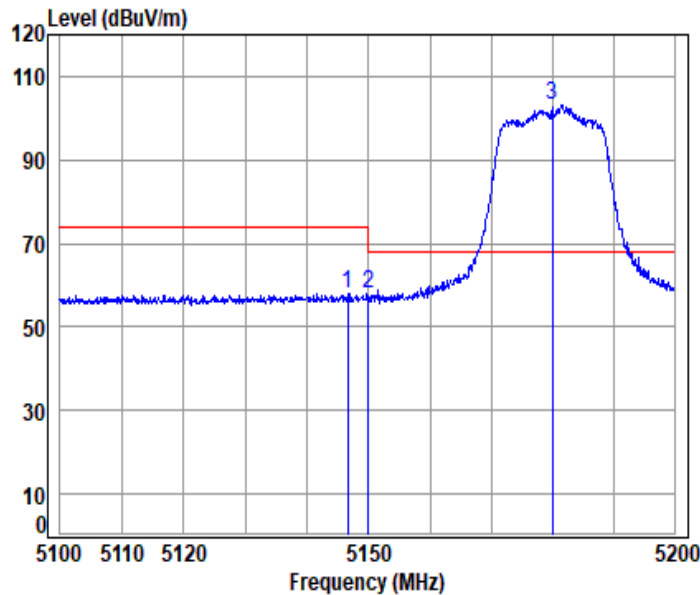
Mode : 5180 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.057	10.14	32.40	30.84	33.02	44.72	54.00	-9.28	Average
2 pp	5149.980	10.14	32.40	30.84	33.25	44.95	54.00	-9.05	Average
3	5180.000	10.25	32.46	30.83	86.61	98.49	-----	-----	Average



11n_HT(20M)_TX_CH_36_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

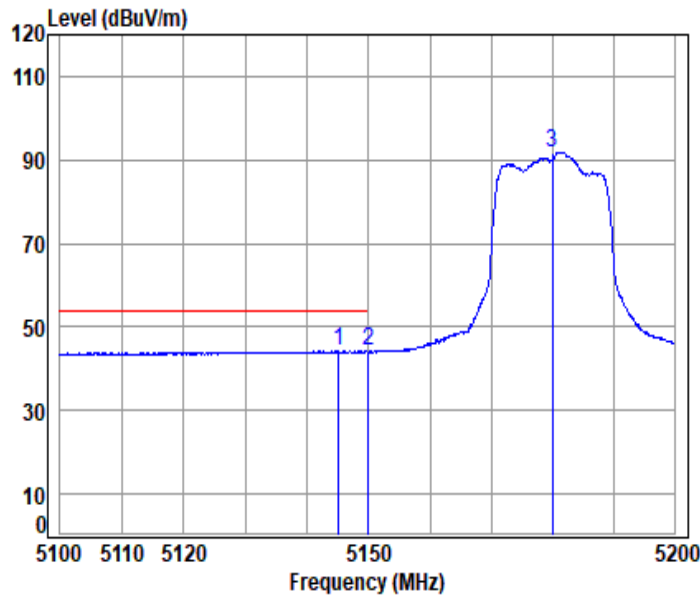
Mode : 5180 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.558	10.13	32.39	30.84	46.35	58.03	74.00	-15.97	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	91.15	103.03	68.20	34.83	Peak



11n_HT(20M)_TX_CH_36_Vetical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

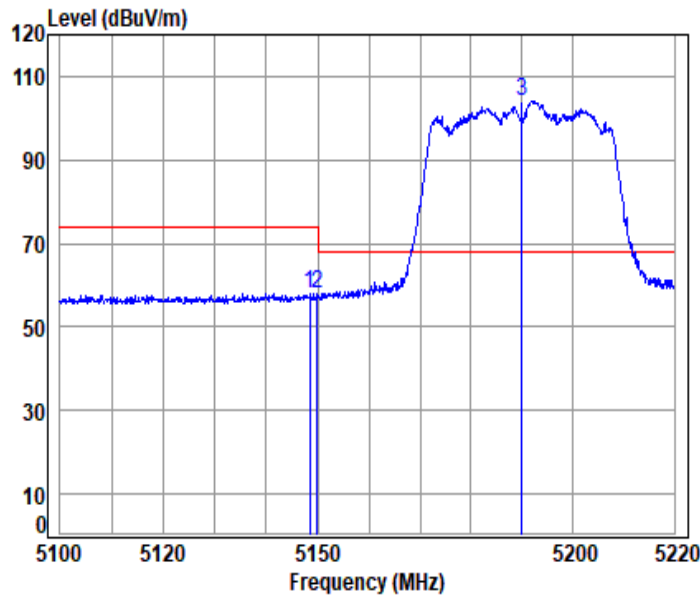
Mode : 5180 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	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	32.56	44.23	54.00	-9.77	Average
2	5149.980	10.14	32.40	30.84	32.44	44.14	54.00	-9.86	Average
3	5180.000	10.25	32.46	30.83	80.03	91.91	-----	-----	Average



11n_HT(40M)_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

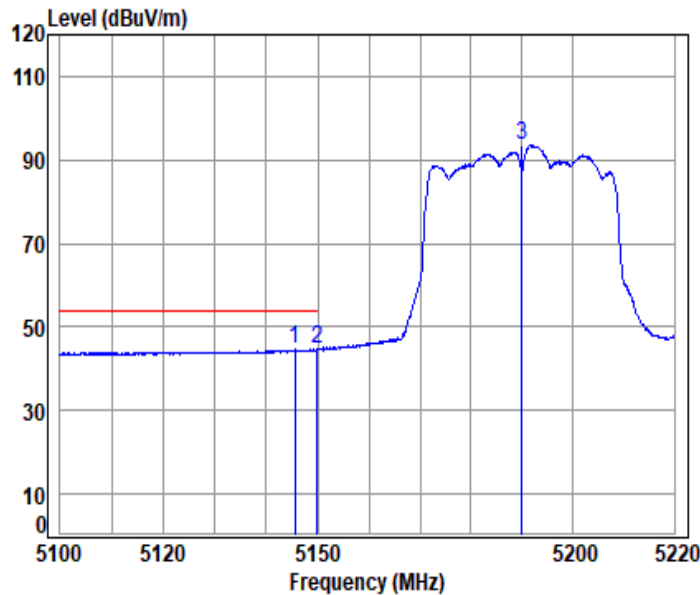
Mode : 5190 Band edge

: 5G WIFI 11N40 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.503	10.13	32.40	30.84	46.35	58.04	74.00	-15.96	peak
2	5149.980	10.14	32.40	30.84	46.23	57.93	74.00	-16.07	peak
3 pp	5190.000	10.29	32.48	30.82	92.19	104.14	68.20	35.94	peak



11n_HT(40M)_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5190 Band edge

: 5G WIFI 11N40 MIMO

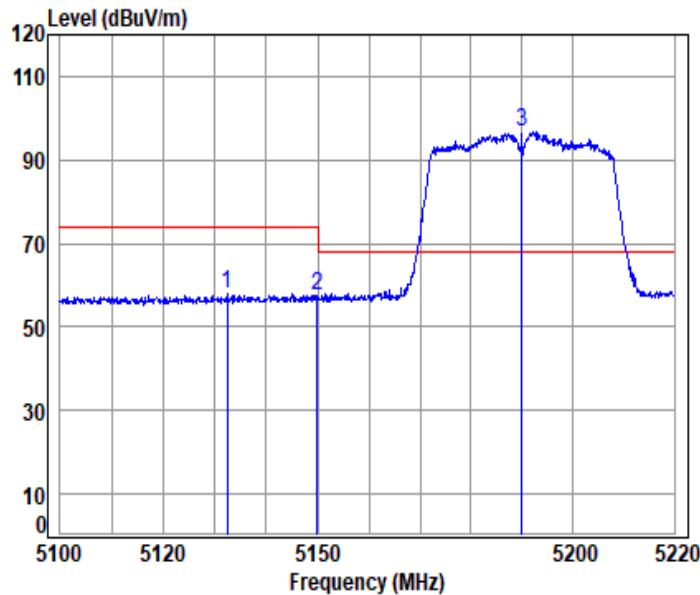
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5145.630	10.12	32.39	30.84	33.00	44.67	54.00	-9.33 Average
2	5149.980	10.14	32.40	30.84	32.86	44.56	54.00	-9.44 Average
3	5190.000	10.29	32.48	30.82	81.51	93.46	-----	----- Average



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11n_HT(40M)_TX_CH_38_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

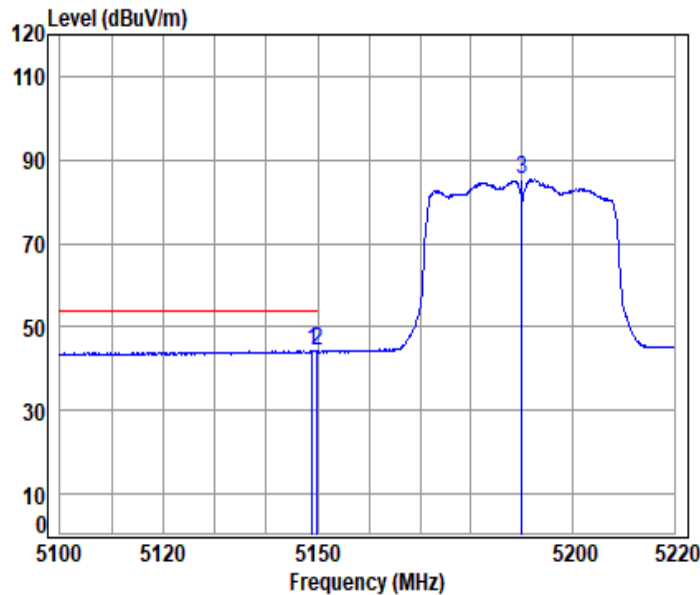
Mode : 5190 Band edge

: 5G WIFI 11N40 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5132.364	10.07	32.36	30.85	46.41	57.99	74.00	-16.01	Peak
2	5149.980	10.14	32.40	30.84	45.82	57.52	74.00	-16.48	Peak
3 pp	5190.000	10.29	32.48	30.82	84.78	96.73	68.20	28.53	Peak



11n_HT(40M)_TX_CH_38_Vetical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

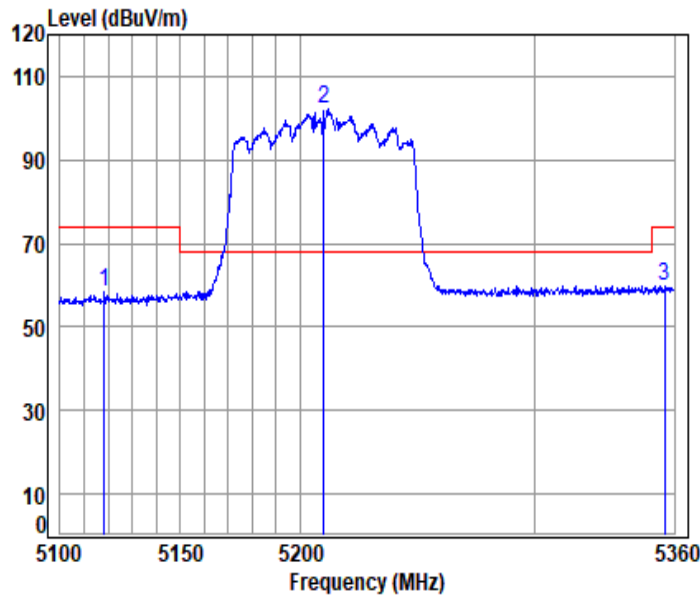
Mode : 5190 Band edge

: 5G WIFI 11N40 MIMO

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.982	10.14	32.40	30.84	32.53	44.23	54.00	-9.77 Average
2 pp	5149.980	10.14	32.40	30.84	32.61	44.31	54.00	-9.69 Average
3	5190.000	10.29	32.48	30.82	73.20	85.15	-----	----- Average



11ac_VHT(80M)_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

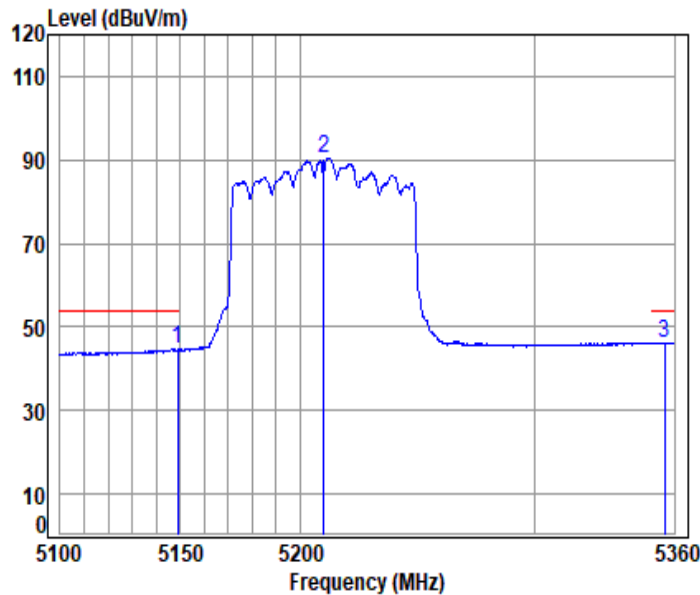
Mode : 5210 Band edge

: 5G WIFI 11AC80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5118.291	10.02	32.34	30.85	46.74	58.25	74.00	-15.75	peak
2 pp	5210.000	10.32	32.52	30.82	90.08	102.10	68.20	33.90	peak
3	5356.004	10.47	32.80	30.76	47.25	59.76	74.00	-14.24	peak



11ac_VHT(80M)_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

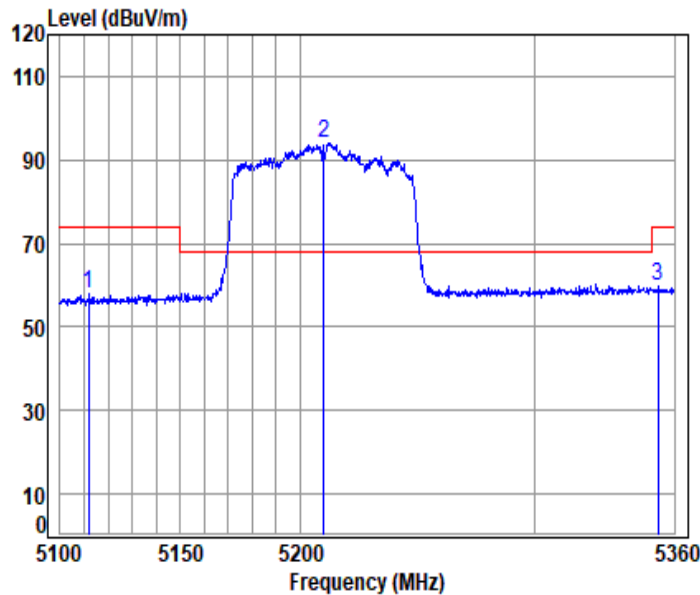
Mode : 5210 Band edge

: 5G WIFI 11AC80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.667	10.13	32.40	30.84	32.97	44.66	54.00	-9.34	Average
2	5210.000	10.32	32.52	30.82	78.47	90.49	-----	-----	Average
3 pp	5355.737	10.47	32.80	30.76	33.75	46.26	54.00	-7.74	Average



11ac_VHT(80M)_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

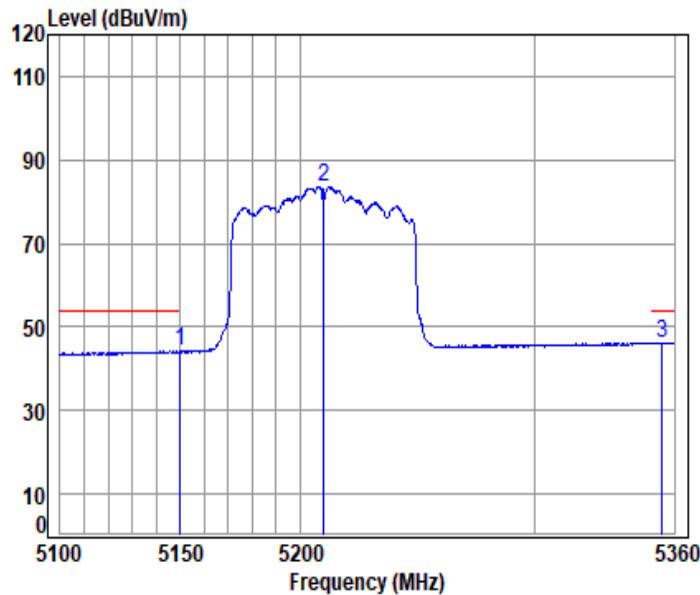
Mode : 5210 Band edge

: 5G WIFI 11AC80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5111.933	10.00	32.32	30.86	46.29	57.75	74.00	-16.25	Peak
2 pp	5210.000	10.32	32.52	30.82	82.19	94.21	68.20	26.01	Peak
3	5353.075	10.46	32.80	30.76	47.44	59.94	74.00	-14.06	Peak



11ac_VHT(80M)_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

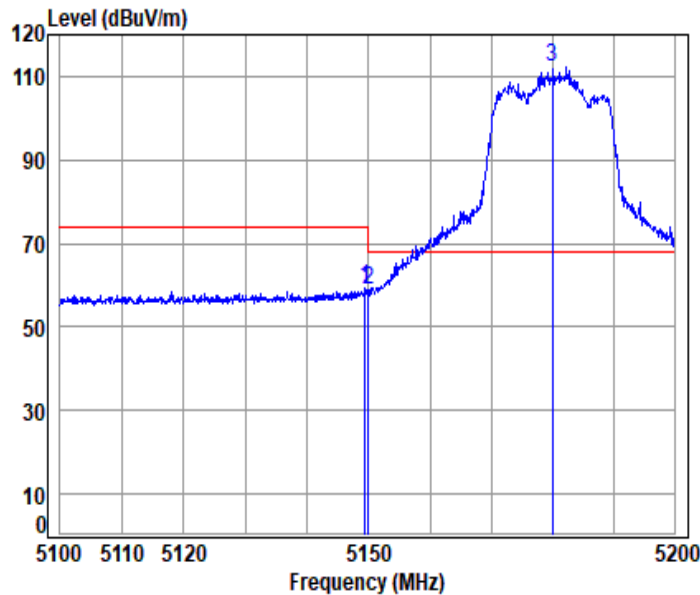
Mode : 5210 Band edge

: 5G WIFI 11AC80 MIMO

		Cable	Ant	Preamp	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	32.62	44.32	54.00	-9.68	Average
2	5210.000	10.32	32.52	30.82	71.65	83.67	-----	-----	Average
3 pp	5354.938	10.47	32.80	30.76	33.70	46.21	54.00	-7.79	Average



11ax_20M_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	47.62	59.32	74.00	-14.68	peak
2	5149.980	10.14	32.40	30.84	47.15	58.85	74.00	-15.15	peak
3 pp	5180.000	10.25	32.46	30.83	100.24	112.12	68.20	43.92	peak



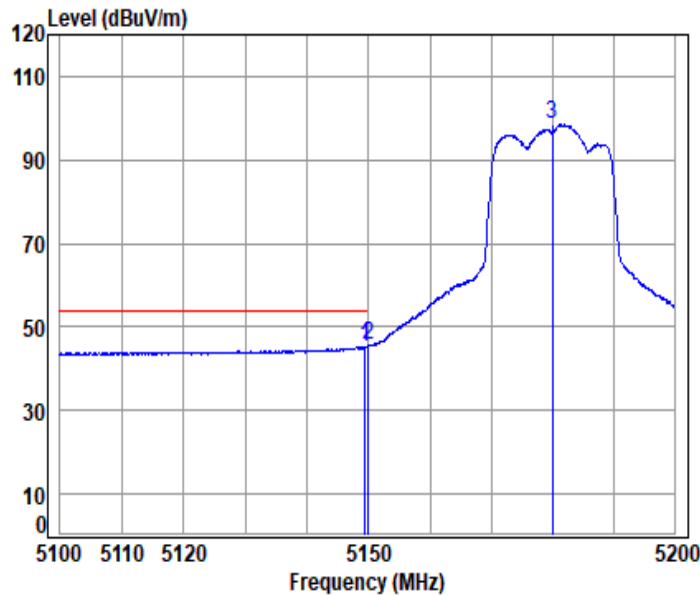
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11ax_20M_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

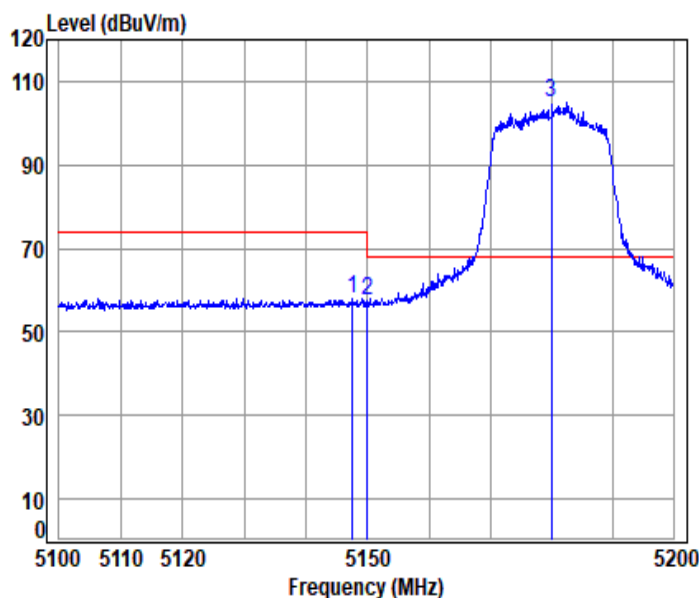
Mode : 5180 Band edge

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	33.63	45.33	54.00	-8.67	Average
2 pp	5149.980	10.14	32.40	30.84	34.01	45.71	54.00	-8.29	Average
3	5180.000	10.25	32.46	30.83	86.76	98.64	-----	-----	Average



11ax_20M_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

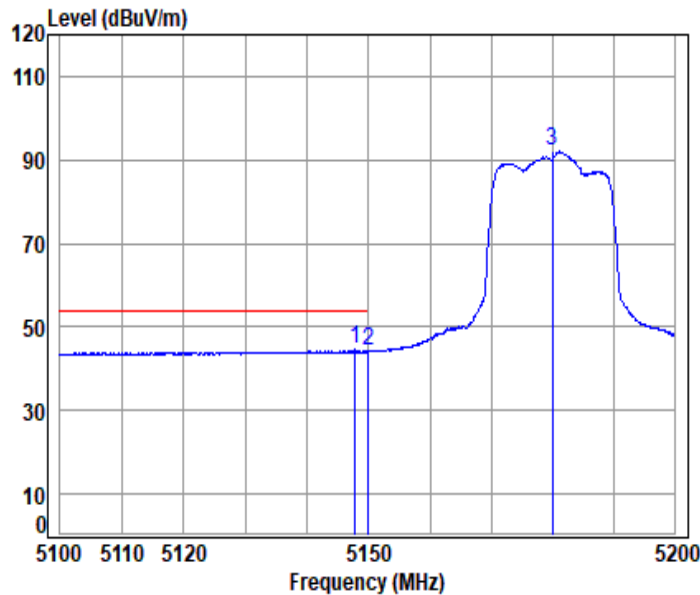
Mode : 5180 Band edge

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.558	10.13	32.40	30.84	46.25	57.94	74.00	-16.06	Peak
2	5149.980	10.14	32.40	30.84	45.85	57.55	74.00	-16.45	Peak
3 pp	5180.000	10.25	32.46	30.83	92.91	104.79	68.20	36.59	Peak



11ax_20M_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

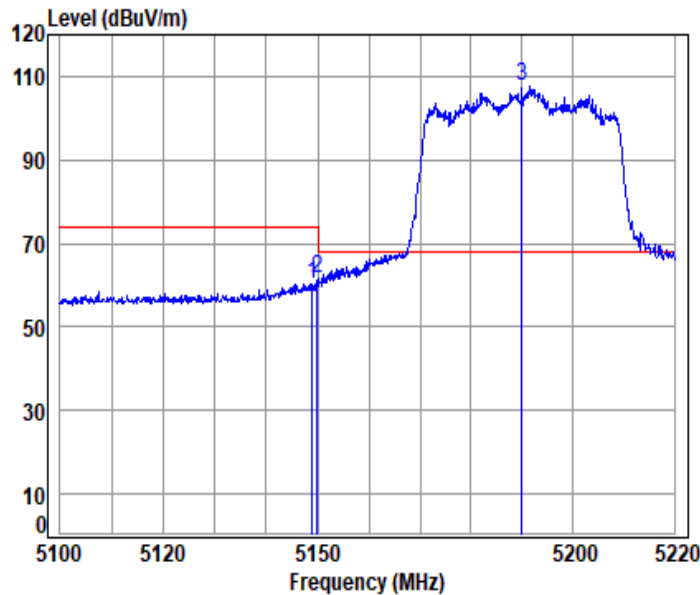
Mode : 5180 Band edge

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	5147.758	10.13	32.40	30.84	32.80	44.49	54.00	-9.51	Average
2	5149.980	10.14	32.40	30.84	32.58	44.28	54.00	-9.72	Average
3	5180.000	10.25	32.46	30.83	80.17	92.05	-----	-----	Average



11ax_40M_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

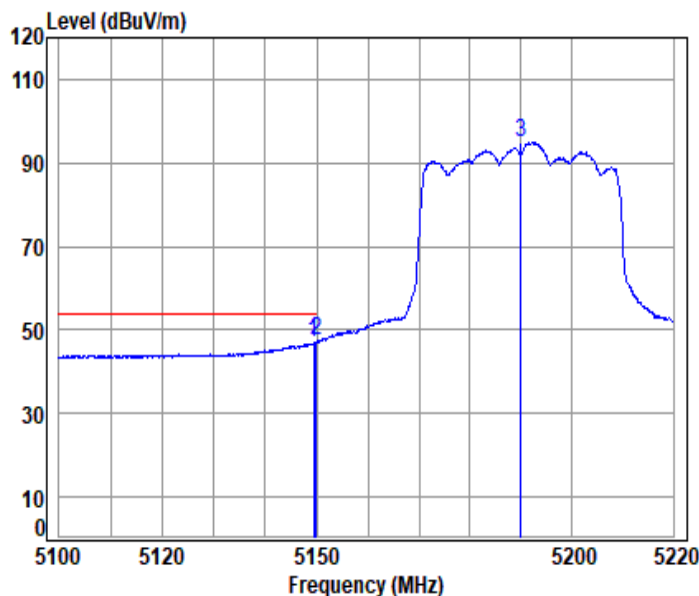
Mode : 5190 Band edge

: 5G WIFI 11AX40 MIMO

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5148.982	10.14	32.40	30.84	48.60	60.30	74.00	-13.70 peak
2	5149.980	10.14	32.40	30.84	50.04	61.74	74.00	-12.26 peak
3 pp	5190.000	10.29	32.48	30.82	95.62	107.57	68.20	39.37 peak



11ax_40M_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

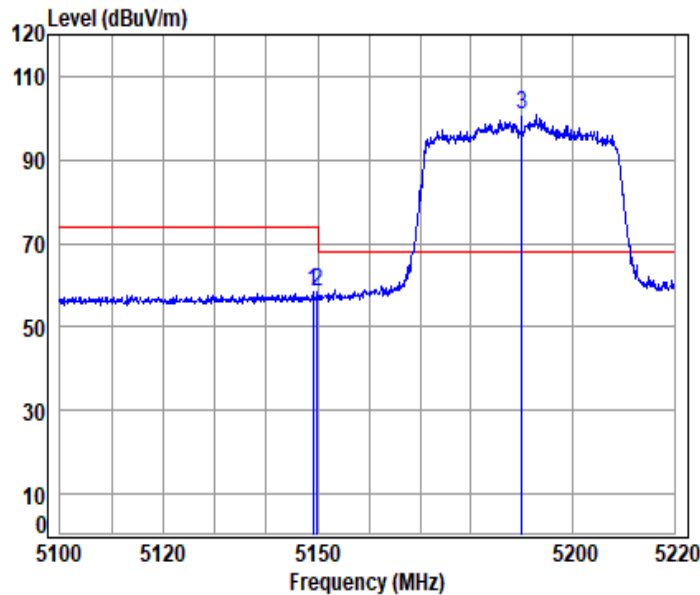
Mode : 5190 Band edge

: 5G WIFI 11AX40 MIMO

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5149.461	10.14	32.40	30.84	35.32	47.02	54.00	-6.98 Average
2 pp	5149.980	10.14	32.40	30.84	35.59	47.29	54.00	-6.71 Average
3	5190.000	10.29	32.48	30.82	82.94	94.89	-----	----- Average



11ax_40M_TX_CH_38_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

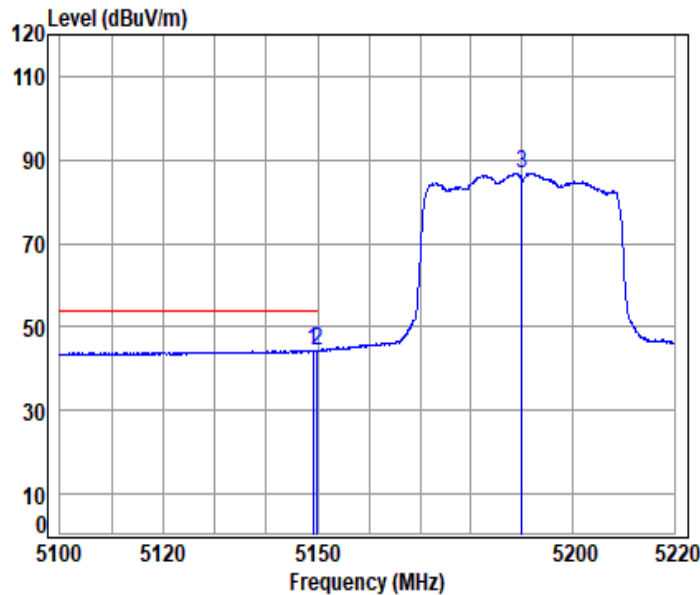
Mode : 5190 Band edge

: 5G WIFI 11AX40 MIMO

		Cable	Ant	Preamp	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	46.66	58.36	74.00	-15.64	Peak
2	5149.980	10.14	32.40	30.84	46.48	58.18	74.00	-15.82	Peak
3 pp	5190.000	10.29	32.48	30.82	88.66	100.61	68.20	32.41	Peak



11ax_40M_TX_CH_38_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

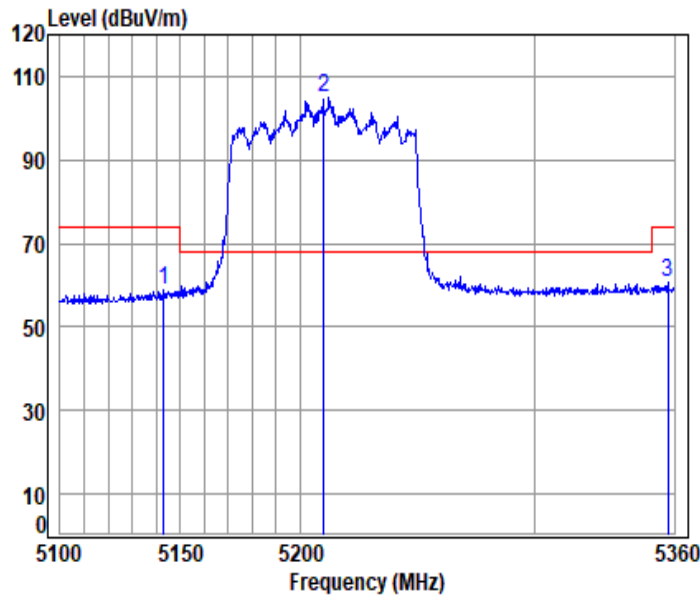
Mode : 5190 Band edge

: 5G WIFI 11AX40 MIMO

		Cable	Ant	Preamp	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	5149.102	10.14	32.40	30.84	32.78	44.48	54.00	-9.52 Average
2	5149.980	10.14	32.40	30.84	32.60	44.30	54.00	-9.70 Average
3	5190.000	10.29	32.48	30.82	74.89	86.84	-----	----- Average



11ax_80M_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

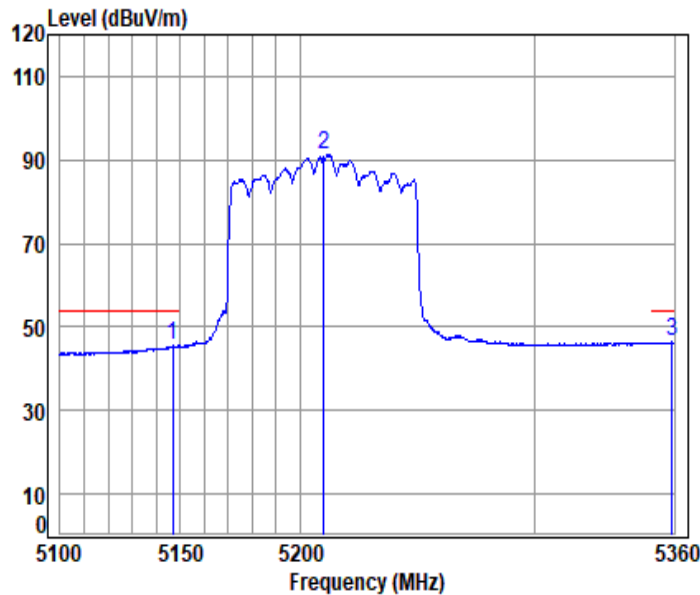
Mode : 5210 Band edge

: 5G WIFI 11AX80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5143.037	10.11	32.39	30.84	47.00	58.66	74.00	-15.34	peak
2 pp	5210.000	10.32	32.52	30.82	92.70	104.72	68.20	36.52	peak
3	5357.335	10.47	32.80	30.76	48.21	60.72	74.00	-13.28	peak



11ax_80M_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5210 Band edge

: 5G WIFI 11AX80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.875	10.13	32.39	30.84	33.82	45.50	54.00	-8.50	Average
2	5210.000	10.32	32.52	30.82	79.23	91.25	-----	-----	Average
3 pp	5358.934	10.48	32.80	30.76	33.80	46.32	54.00	-7.68	Average



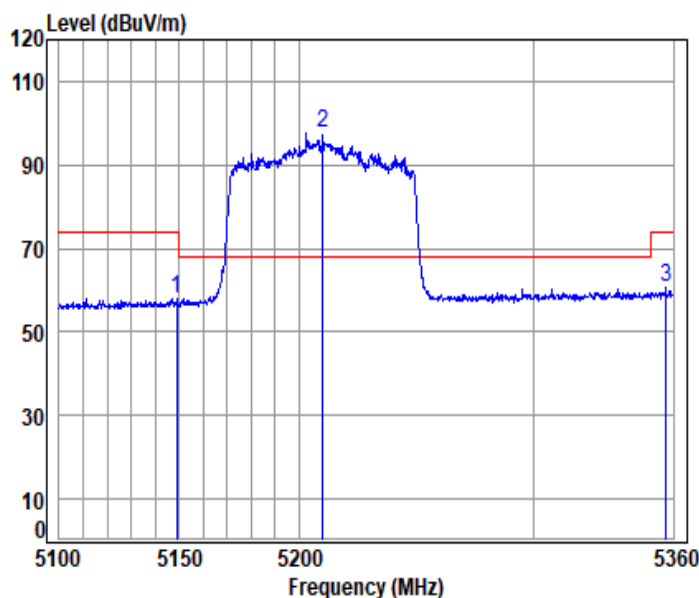
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11ax_80M_TX_CH_42_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

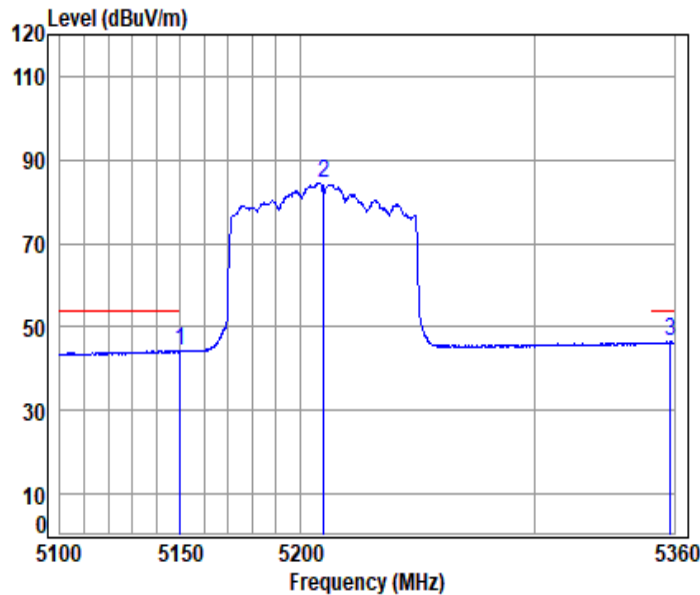
Mode : 5210 Band edge

: 5G WIFI 11AX80 MIMO

		Cable	Ant	Preamp	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	46.41	58.11	74.00	-15.89	Peak
2 pp	5210.000	10.32	32.52	30.82	85.40	97.42	68.20	29.22	Peak
3	5356.803	10.47	32.80	30.76	48.09	60.60	74.00	-13.40	Peak



11ax_80M_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

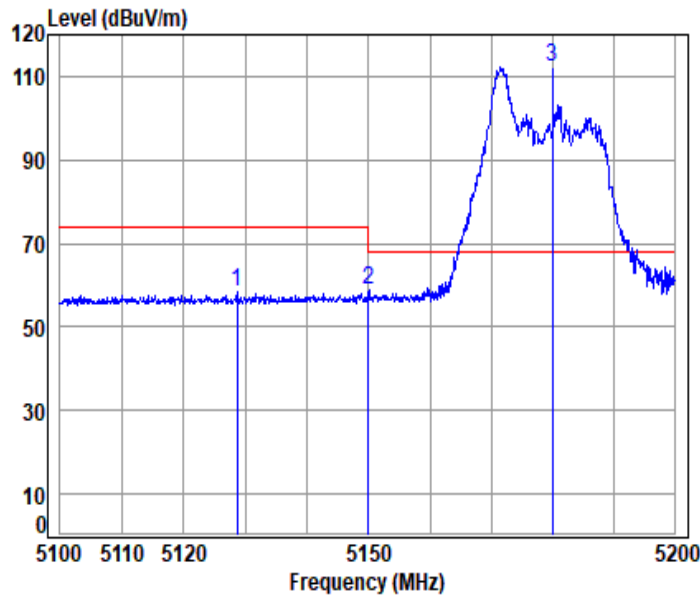
Mode : 5210 Band edge

: 5G WIFI 11AX80 MIMO

		Cable	Ant	Preamp	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	32.57	44.27	54.00	-9.73	Average
2	5210.000	10.32	32.52	30.82	72.57	84.59	-----	-----	Average
3 pp	5358.401	10.48	32.80	30.76	33.85	46.37	54.00	-7.63	Average



11ax_20M_Partial_RU26_TX_CH_36_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

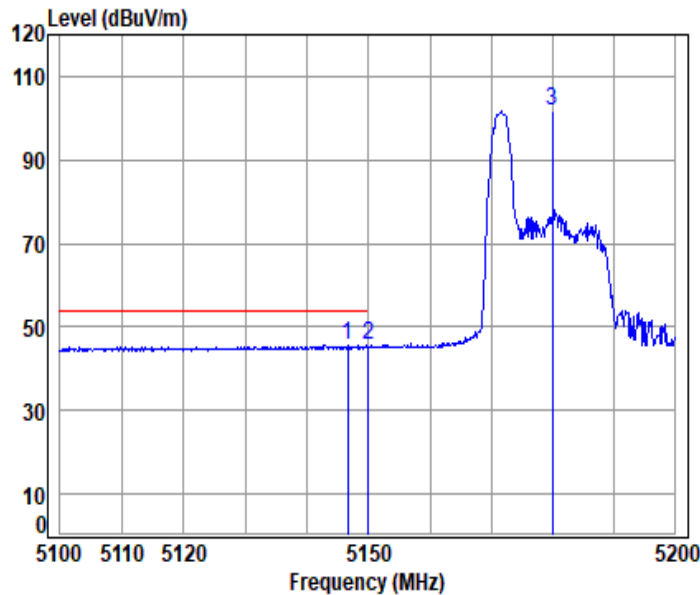
Mode : 5180 Band edge

: 5G WIFI 11AX20 RU26 MIMO

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5128.601	10.06	32.36	30.85	46.71	58.28	74.00	-15.72	peak
5149.980	10.14	32.40	30.84	47.32	59.02	74.00	-14.98	peak
p 5180.000	10.25	32.46	30.83	100.20	112.08	68.20	43.88	peak



11ax_20M_Partial_RU26_TX_CH_36_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

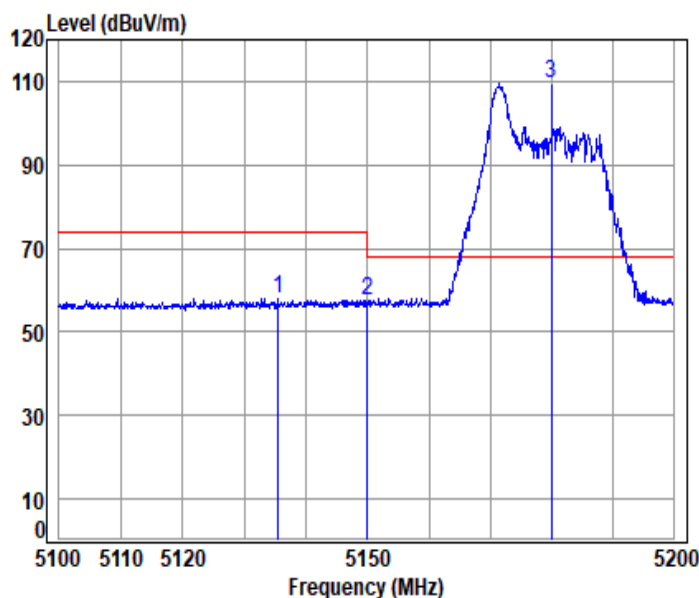
Mode : 5180 Band edge

: 5G WIFI 11AX20 RU26 MIMO

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
p 5146.558	10.13	32.39	30.84	33.97	45.65	54.00	-8.35	Average
5149.980	10.14	32.40	30.84	33.88	45.58	54.00	-8.42	Average
5180.000	10.25	32.46	30.83	89.98	101.86	-----	-----	Average



11ax_20M_Partial_RU26_TX_CH_36_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

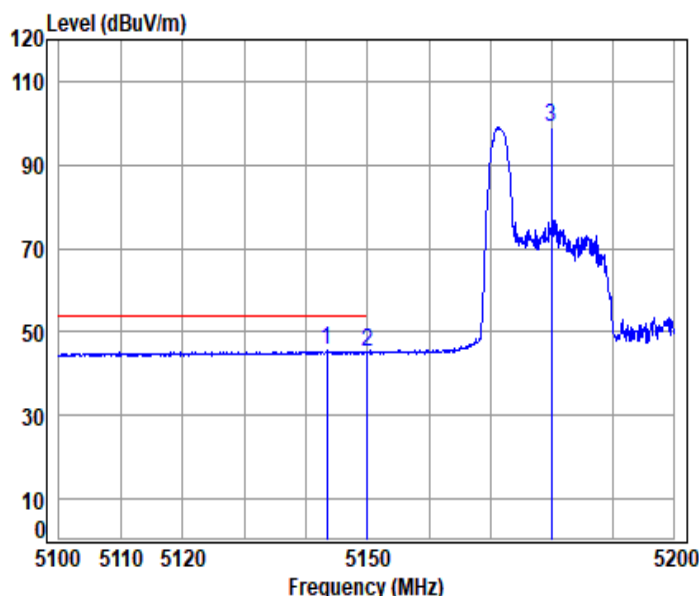
Mode : 5180 Band edge

: 5G WIFI 11AX20 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5135.478	10.08	32.37	30.85	46.52	58.12	74.00	-15.88	Peak
2	5149.980	10.14	32.40	30.84	45.86	57.56	74.00	-16.44	Peak
3 pp	5180.000	10.25	32.46	30.83	97.65	109.53	68.20	41.33	Peak



11ax_20M_Partial_RU26_TX_CH_36_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5180 Band edge

: 5G WIFI 11AX20 RU26 MIMO

		Cable	Ant	Preamp	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	5143.361	10.11	32.39	30.84	33.81	45.47	54.00	-8.53	Average
2	5149.980	10.14	32.40	30.84	33.56	45.26	54.00	-8.74	Average
3	5180.000	10.25	32.46	30.83	87.26	99.14	-----	-----	Average



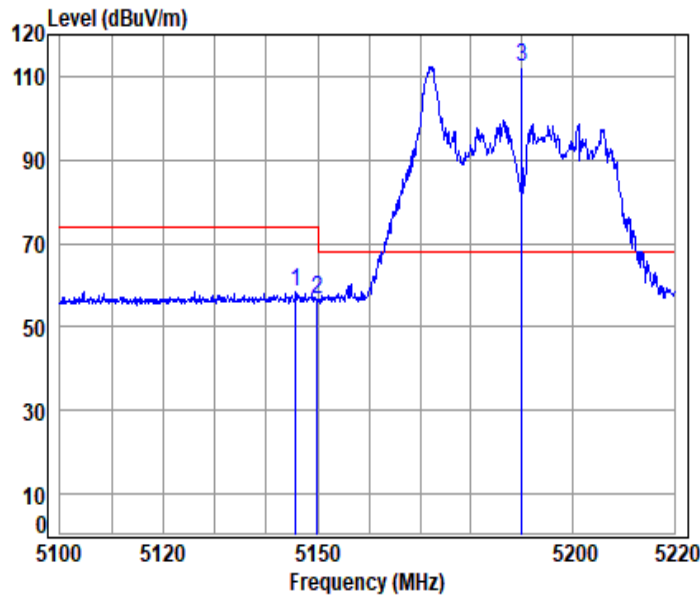
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11ax_40M_Partial_RU26_TX_CH_38_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

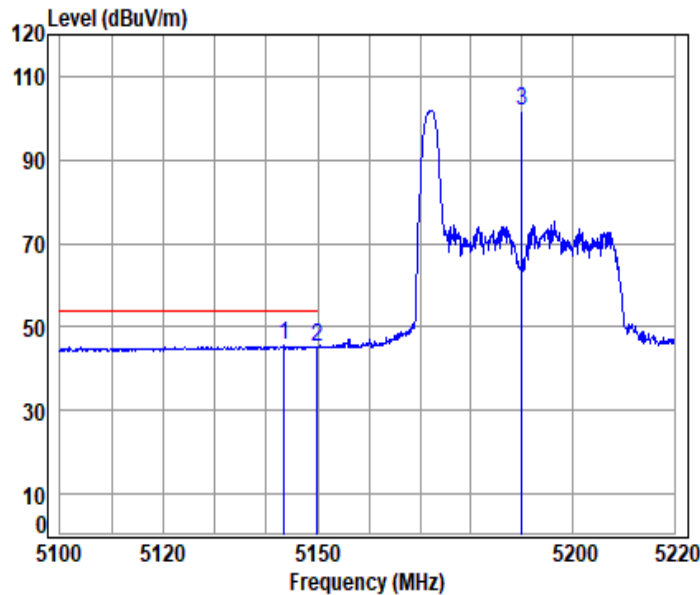
Mode : 5190 Band edge

: 5G WIFI 11AX40 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.750	10.12	32.39	30.84	46.72	58.39	74.00	-15.61	peak
2	5149.980	10.14	32.40	30.84	44.97	56.67	74.00	-17.33	peak
3 pp	5190.000	10.29	32.48	30.82	100.48	112.43	68.20	44.23	peak



11ax_40M_Partial_RU26_TX_CH_38_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

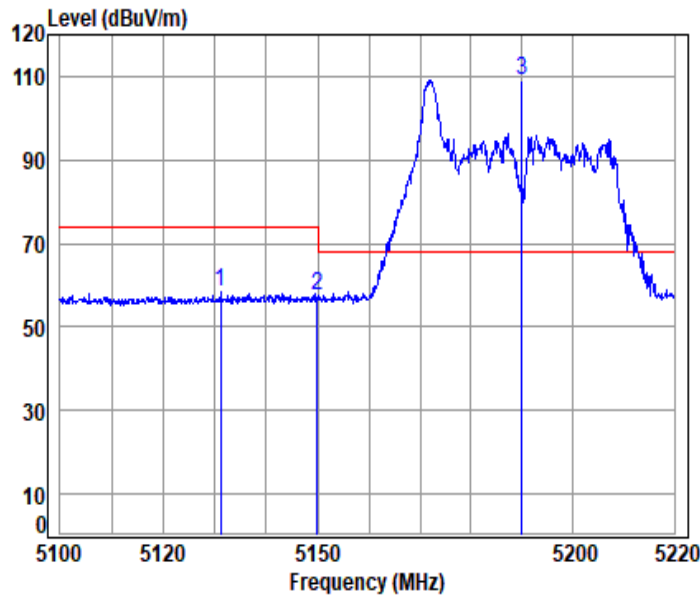
Mode : 5190 Band edge

: 5G WIFI 11AX40 RU26 MIMO

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
pp 5143.477	10.12	32.39	30.84	33.85	45.52	54.00	-8.48	Average
5149.980	10.14	32.40	30.84	33.53	45.23	54.00	-8.77	Average
5190.000	10.29	32.48	30.82	89.95	101.90	-----	-----	Average



11ax_40M_Partial_RU26_TX_CH_38_Veritical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

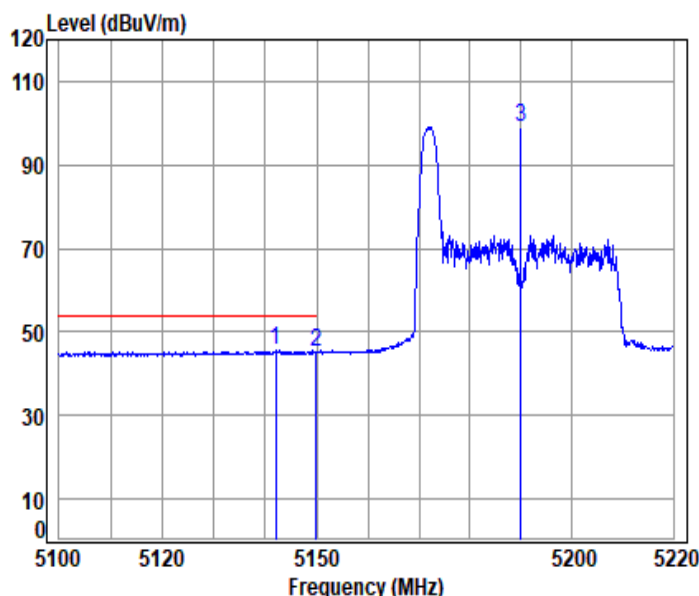
Mode : 5190 Band edge

: 5G WIFI 11AX40 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5131.051	10.07	32.36	30.85	46.90	58.48	74.00	-15.52	Peak
2	5149.980	10.14	32.40	30.84	45.63	57.33	74.00	-16.67	Peak
3 pp	5190.000	10.29	32.48	30.82	96.99	108.94	68.20	40.74	Peak



11ax_40M_Partial_RU26_TX_CH_38_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5190 Band edge

: 5G WIFI 11AX40 RU26 MIMO

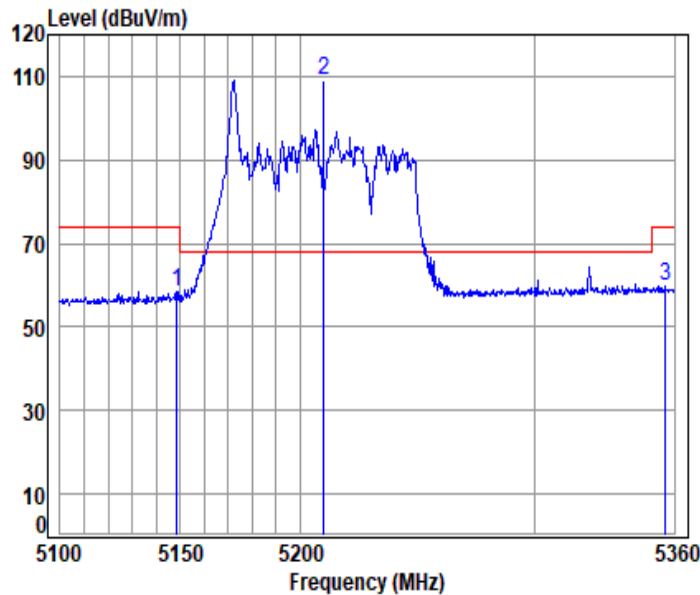
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5142.042	10.11	32.38	30.84	33.86	45.51	54.00	-8.49	Average
2	5149.980	10.14	32.40	30.84	33.51	45.21	54.00	-8.79	Average
3	5190.000	10.29	32.48	30.82	87.14	99.09	-----	-----	Average



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11ax_80M_Partial_RU26_TX_CH_42_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

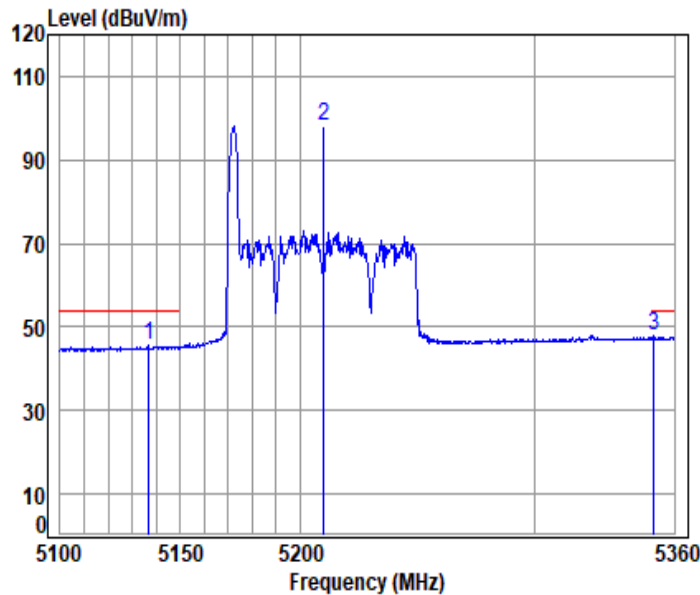
Mode : 5210 Band edge

: 5G WIFI 11AX80 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5148.410	10.13	32.40	30.84	46.88	58.57	74.00	-15.43	peak
2 pp	5210.000	10.32	32.52	30.82	97.00	109.02	68.20	40.82	peak
3	5356.270	10.47	32.80	30.76	47.31	59.82	74.00	-14.18	peak



11ax_80M_Partial_RU26_TX_CH_42_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

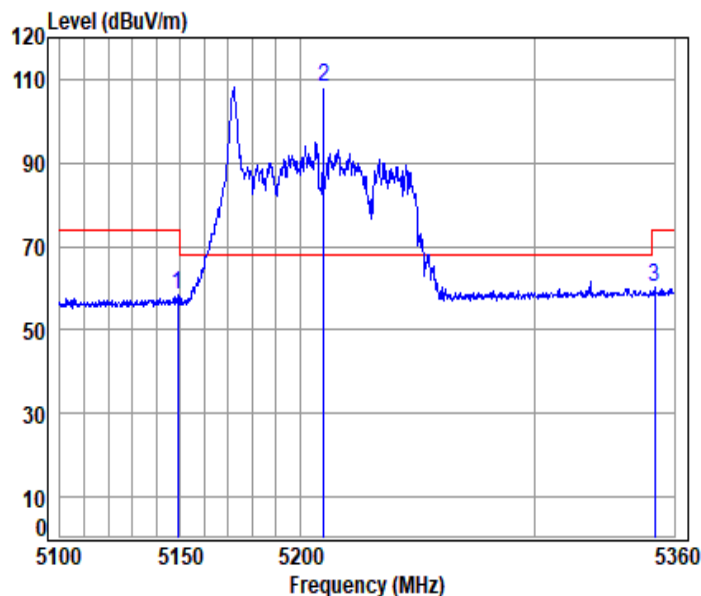
Mode : 5210 Band edge

: 5G WIFI 11AX80 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5136.903	10.09	32.37	30.85	33.95	45.56	54.00	-8.44	Average
2	5210.000	10.32	32.52	30.82	85.91	97.93	-----	-----	Average
3 pp	5351.212	10.45	32.80	30.76	35.29	47.78	54.00	-6.22	Average



11ax_80M_Partial_RU26_TX_CH_42_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

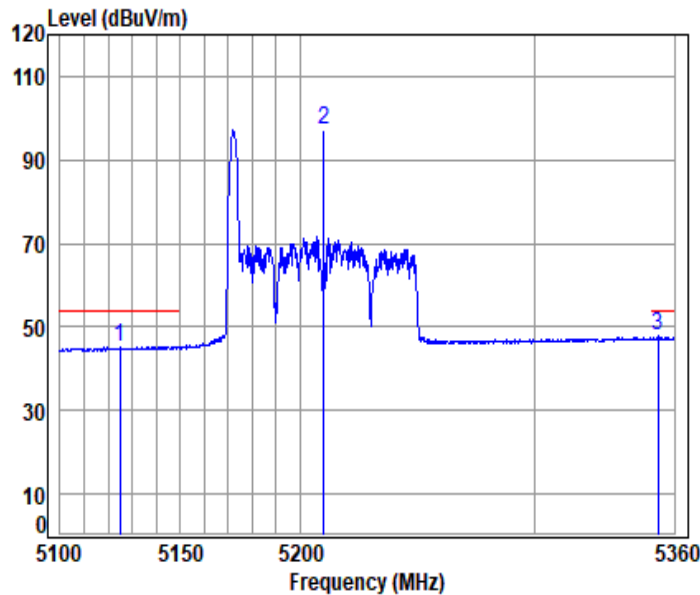
Mode : 5210 Band edge

: 5G WIFI 11AX80 RU26 MIMO

		Cable	Ant	Preamp	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	46.66	58.36	74.00	-15.64	Peak
2 pp	5210.000	10.32	32.52	30.82	95.90	107.92	68.20	39.72	Peak
3	5351.478	10.46	32.80	30.76	47.53	60.03	74.00	-13.97	Peak



11ax_80M_Partial_RU26_TX_CH_42_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

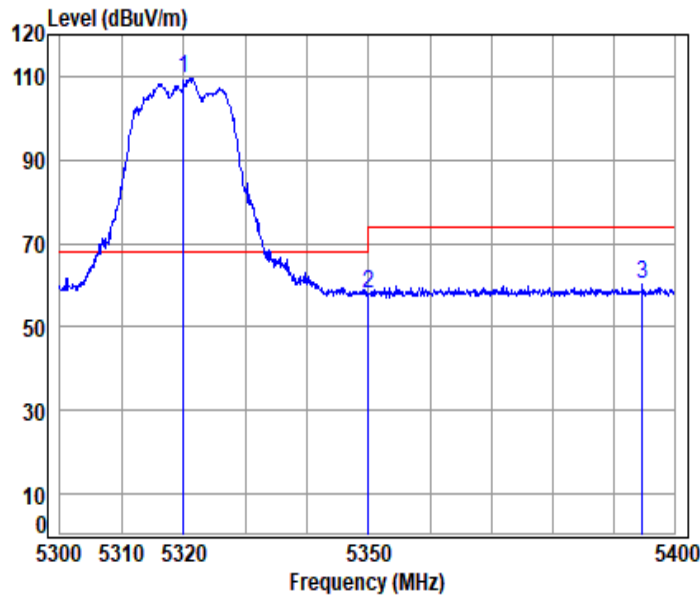
Mode : 5210 Band edge

: 5G WIFI 11AX80 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5124.913	10.04	32.35	30.85	33.75	45.29	54.00	-8.71	Average
2	5210.000	10.32	32.52	30.82	84.99	97.01	-----	-----	Average
3 pp	5352.809	10.46	32.80	30.76	35.19	47.69	54.00	-6.31	Average



11a_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

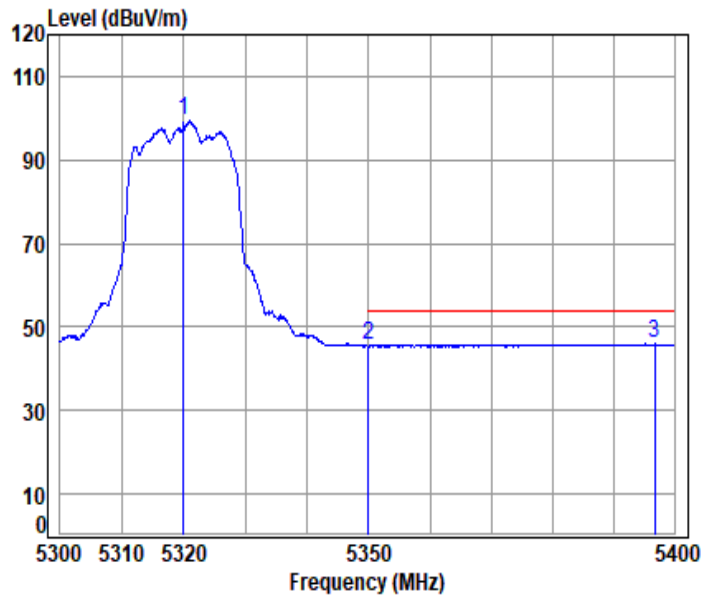
Mode : 5320 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5320.000	10.35	32.74	30.77	97.32	109.64	68.20	41.44	peak
2	5350.020	10.45	32.80	30.76	45.63	58.12	74.00	-15.88	peak
3	5394.754	10.60	32.80	30.74	47.66	60.32	74.00	-13.68	peak



11a_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

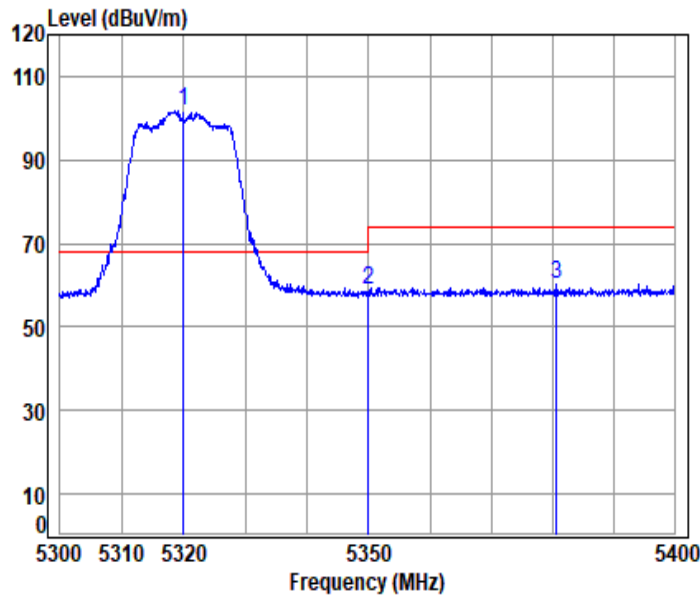
Mode : 5320 Band edge

: 5G WIFI 11A

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5320.000	10.35	32.74	30.77	86.94	99.26	----- Average
2	5350.020	10.45	32.80	30.76	33.07	45.56	54.00 -8.44 Average
3	pp 5396.771	10.61	32.80	30.74	33.21	45.88	54.00 -8.12 Average



11a_TX_CH_64_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11A

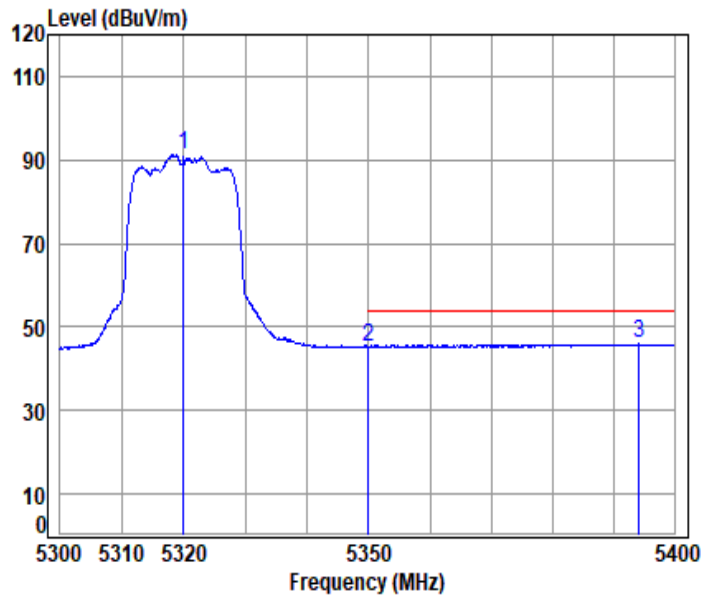
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5320.000	10.35	32.74	30.77	89.48	101.80	68.20	33.60	Peak
2	5350.020	10.45	32.80	30.76	46.20	58.69	74.00	-15.31	Peak
3	5380.755	10.55	32.80	30.75	47.79	60.39	74.00	-13.61	Peak



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11a_TX_CH_64_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11A

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 5320.000	10.35	32.74	30.77	78.94	91.26	-----	----- Average
2 5350.020	10.45	32.80	30.76	32.81	45.30	54.00	-8.70 Average
3 pp 5394.250	10.60	32.80	30.74	33.22	45.88	54.00	-8.12 Average



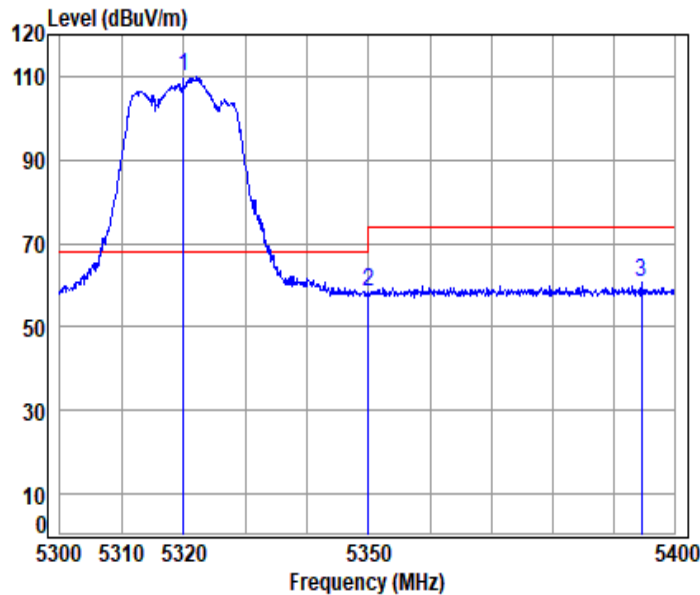
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200460909

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11n_HT(20M)_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	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	97.56	109.88	68.20	41.68	peak
2	5350.020	10.45	32.80	30.76	45.84	58.33	74.00	-15.67	peak
3	5394.653	10.60	32.80	30.74	47.99	60.65	74.00	-13.35	peak



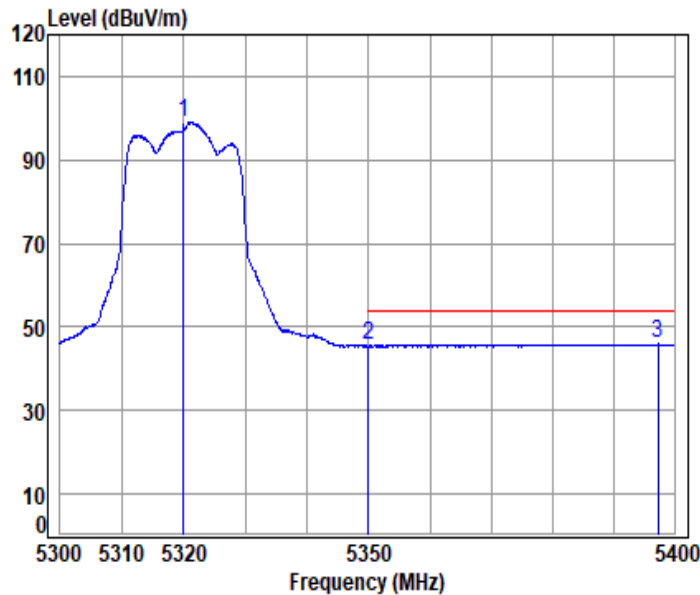
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch, Inspection & Testing Services

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11n_HT(20M)_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

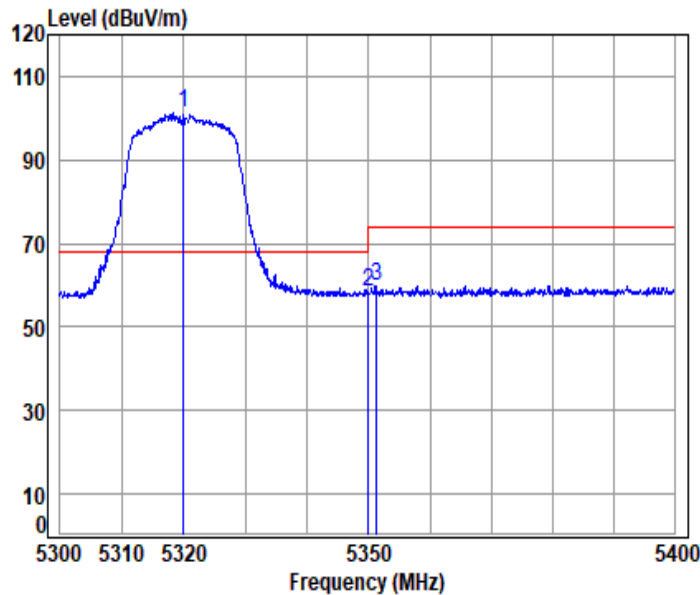
Mode : 5320 Band edge

: 5G WIFI 11N20 MIMO

	Cable	Ant	Preamp	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	86.72	99.04	-----	----- Average
2 5350.020	10.45	32.80	30.76	33.15	45.64	54.00	-8.36 Average
3 pp 5397.376	10.61	32.80	30.74	33.21	45.88	54.00	-8.12 Average



11n_HT(20M)_TX_CH_64_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	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	88.90	101.22	68.20	33.02	Peak
2	5350.020	10.45	32.80	30.76	46.13	58.62	74.00	-15.38	Peak
3	5351.267	10.45	32.80	30.76	47.39	59.88	74.00	-14.12	Peak



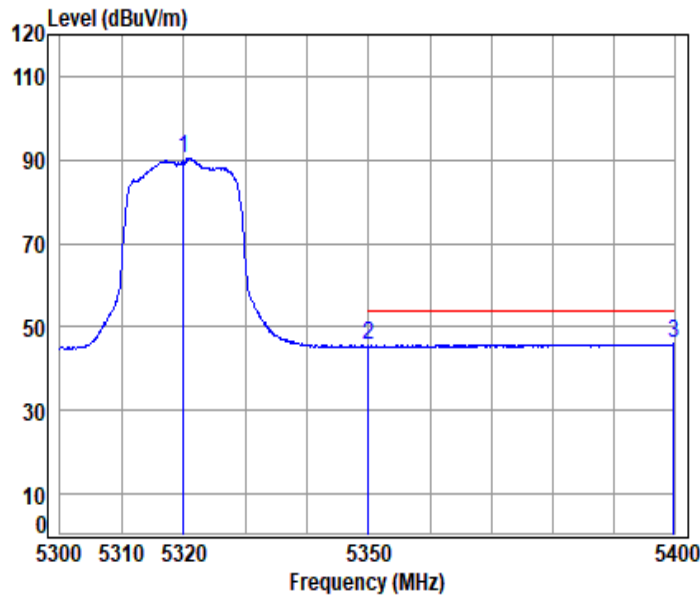
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11n_HT(20M)_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

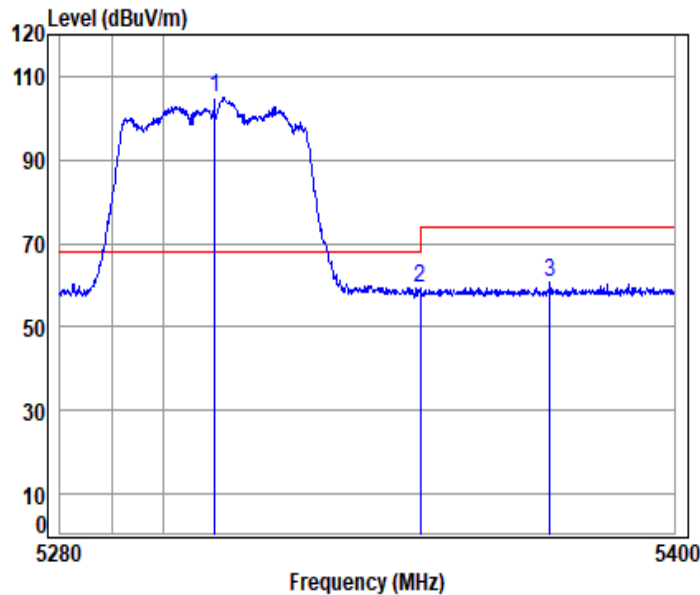
Mode : 5320 Band edge

: 5G WIFI 11N20 MIMO

	Cable	Ant	Preamp	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	78.07	90.39	-----	----- Average
2 5350.020	10.45	32.80	30.76	32.91	45.40	54.00	-8.60 Average
3 pp 5399.899	10.62	32.80	30.74	33.26	45.94	54.00	-8.06 Average



11n_HT(40M)_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11N40 MIMO

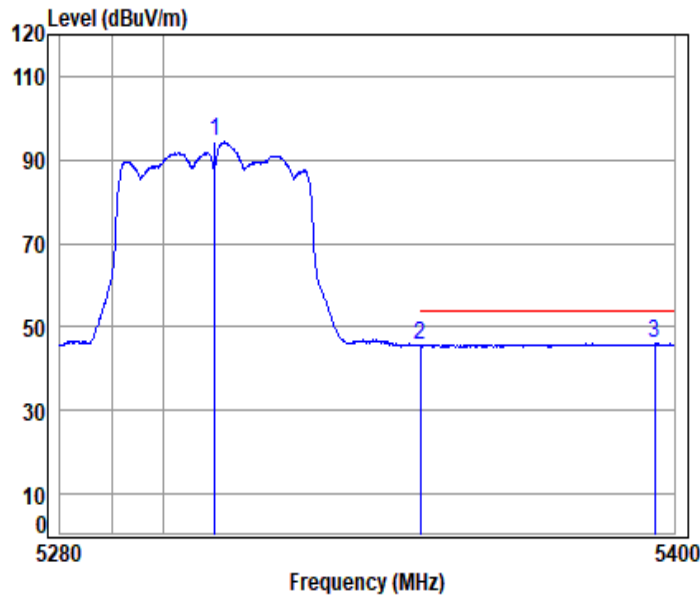
		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	5310.000	10.31	32.72	30.78	92.83	105.08	68.20	36.88 peak
2	5350.020	10.45	32.80	30.76	46.64	59.13	74.00	-14.87 peak
3	5375.542	10.54	32.80	30.75	47.87	60.46	74.00	-13.54 peak



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11n_HT(40M)_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11N40 MIMO

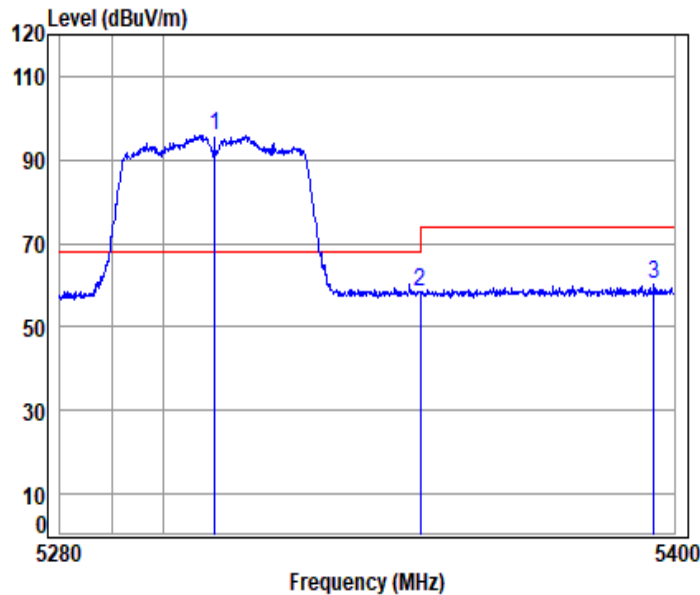
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	82.02	94.27	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.13	45.62	54.00	-8.38	Average
3 pp	5396.118	10.61	32.80	30.74	33.33	46.00	54.00	-8.00	Average



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11n_HT(40M)_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

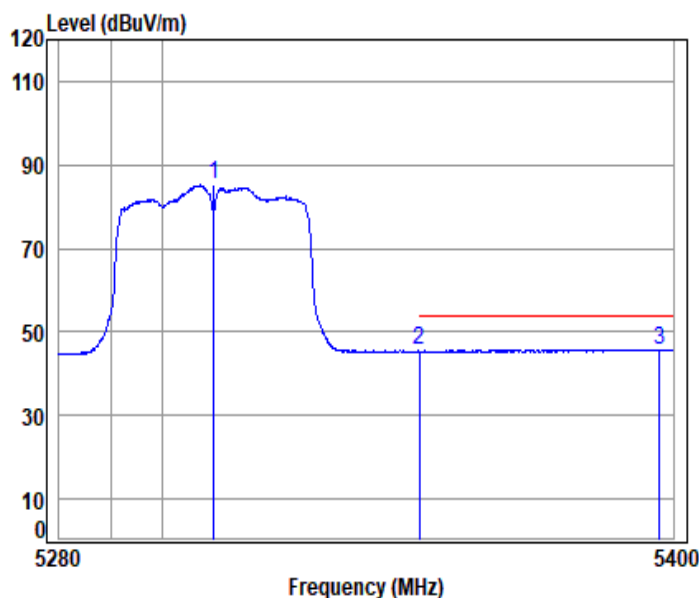
Mode : 5310 Band edge

: 5G WIFI 11N40 MIMO

		Cable	Ant	Preamp	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	83.64	95.89	68.20	27.69	Peak
2	5350.020	10.45	32.80	30.76	46.00	58.49	74.00	-15.51	Peak
3	5395.997	10.61	32.80	30.74	47.56	60.23	74.00	-13.77	Peak



11n_HT(40M)_TX_CH_62_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11N40 MIMO

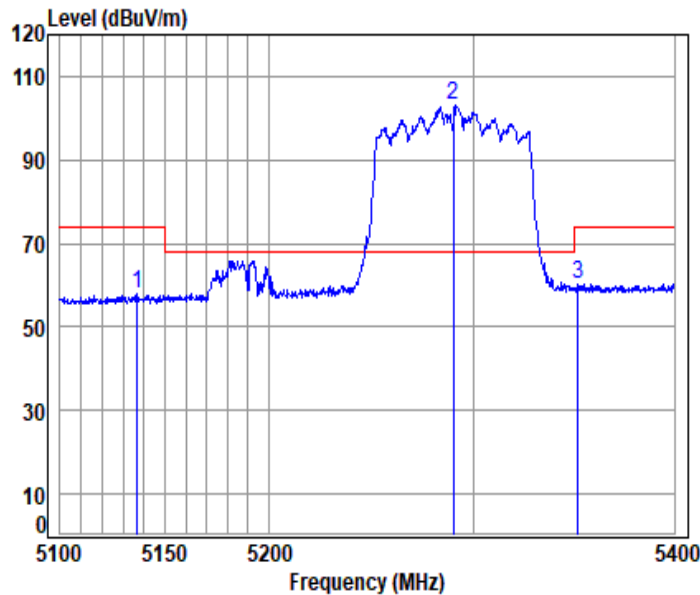
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5310.000	10.31	32.72	30.78	73.08	85.33	-----	-----	Average
2	5350.020	10.45	32.80	30.76	32.92	45.41	54.00	-8.59	Average
3 pp	5397.331	10.61	32.80	30.74	33.17	45.84	54.00	-8.16	Average



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11ac_VHT(80M)_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5290 Band edge

: 5G WIFI 11AC80 MIMO

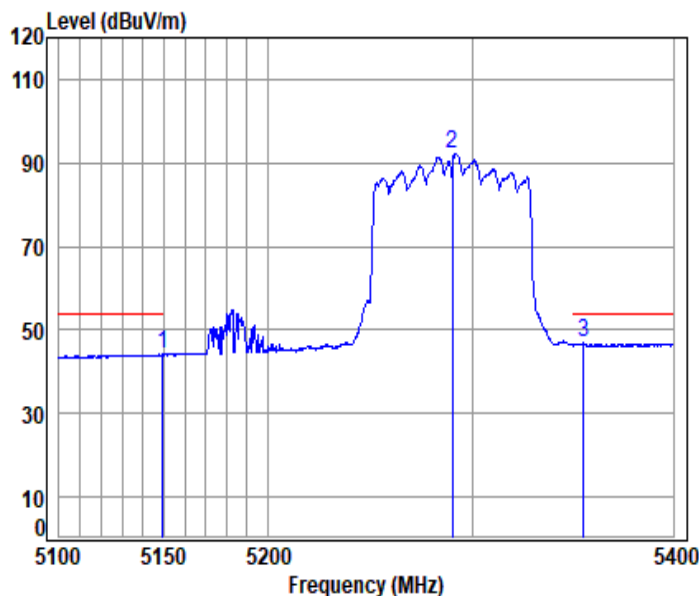
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5136.863	10.09	32.37	30.85	46.29	57.90	74.00	-16.10	peak
2	pp 5290.000	10.28	32.68	30.78	90.78	102.96	68.20	34.76	peak
3	5351.758	10.46	32.80	30.76	47.73	60.23	74.00	-13.77	peak



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11ac_VHT(80M)_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

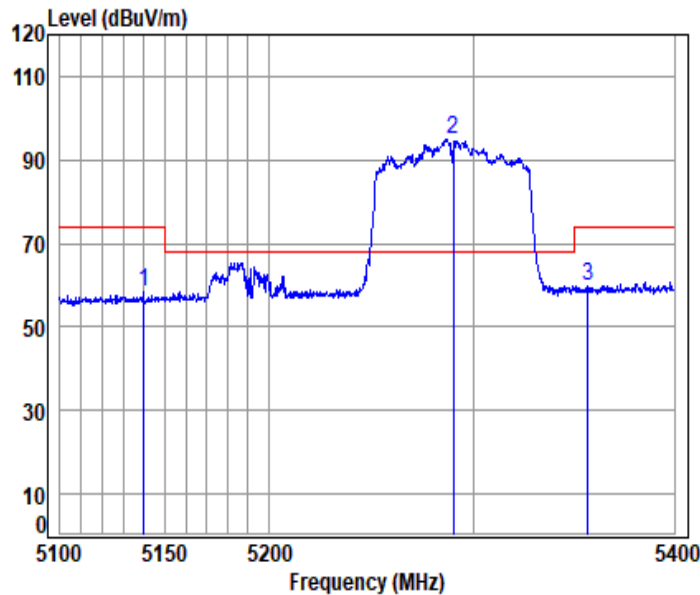
Mode : 5290 Band edge

: 5G WIFI 11AC80 MIMO

		Cable	Ant	Preamp	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	32.43	44.13	54.00	-9.87	Average
2	5290.000	10.28	32.68	30.78	79.84	92.02	-----	-----	Average
3 pp	5355.124	10.47	32.80	30.76	34.28	46.79	54.00	-7.21	Average



11ac_VHT(80M)_TX_CH_58_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

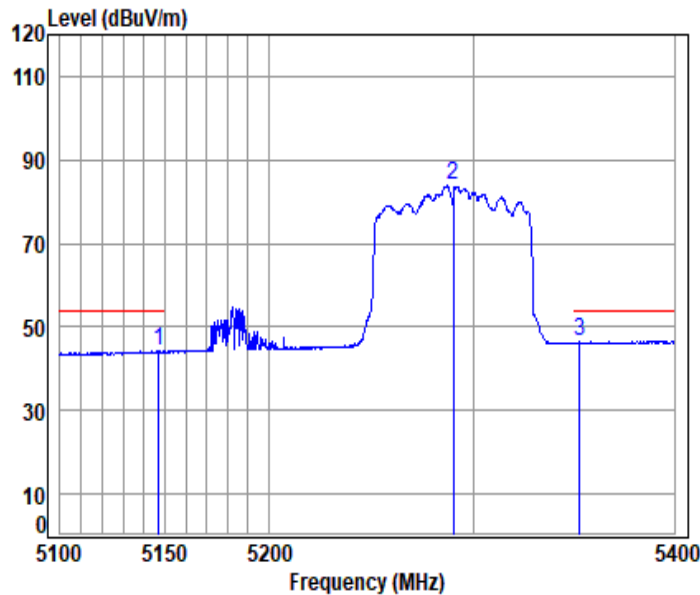
Mode : 5290 Band edge

: 5G WIFI 11AC80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5139.800	10.10	32.38	30.84	46.97	58.61	74.00	-15.39	Peak
2 pp	5290.000	10.28	32.68	30.78	82.94	95.12	68.20	26.92	Peak
3	5356.654	10.47	32.80	30.76	47.12	59.63	74.00	-14.37	Peak



11ac_VHT(80M)_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

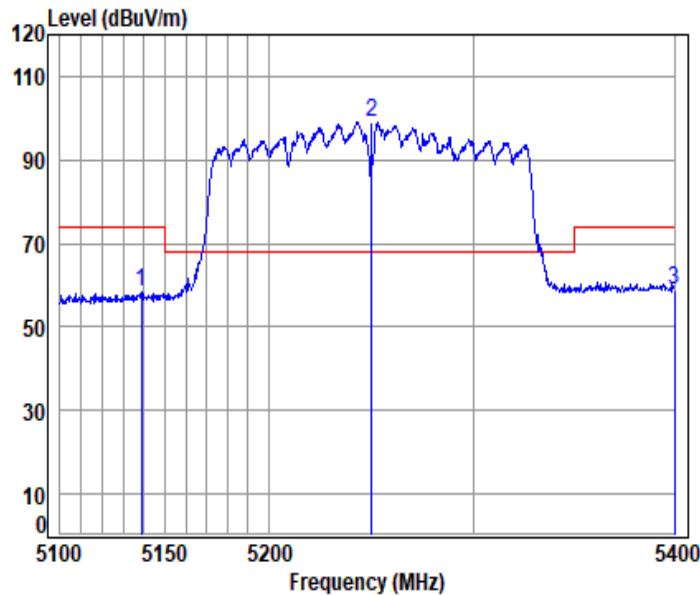
Mode : 5290 Band edge

: 5G WIFI 11AC80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.149	10.13	32.39	30.84	32.44	44.12	54.00	-9.88	Average
2	5290.000	10.28	32.68	30.78	71.72	83.90	-----	-----	Average
3 pp	5352.676	10.46	32.80	30.76	34.00	46.50	54.00	-7.50	Average



11ac_VHT(160M)_TX_CH_50_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

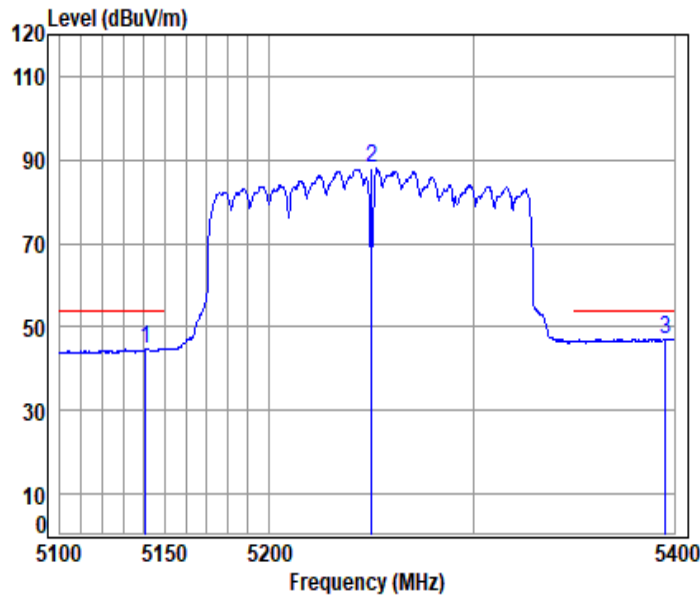
Mode : 5250 Band edge

: 5G WIFI 11AC160 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.918	10.10	32.38	30.84	46.58	58.22	74.00	-15.78	peak
2	5250.000	10.31	32.60	30.80	87.07	99.18	68.20	30.98	peak
3	5400.000	10.62	32.80	30.74	46.10	58.78	74.00	-15.22	peak



11ac_VHT(160M)_TX_CH_50_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5250 Band edge

: 5G WIFI 11AC160 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5140.681	10.10	32.38	30.84	33.26	44.90	54.00	-9.10	Average
2	5250.000	10.31	32.60	30.80	75.75	87.86	-----	-----	Average
3 pp	5395.681	10.61	32.80	30.74	34.54	47.21	54.00	-6.79	Average



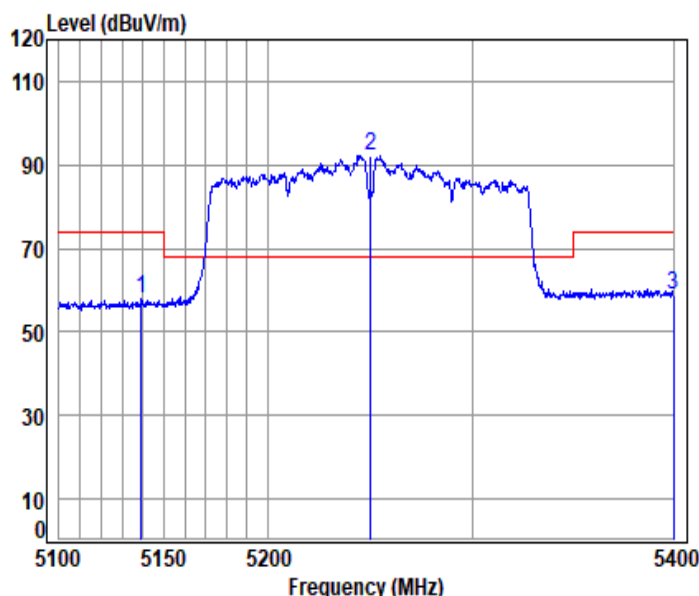
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11ac_VHT(160M)_TX_CH_50_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

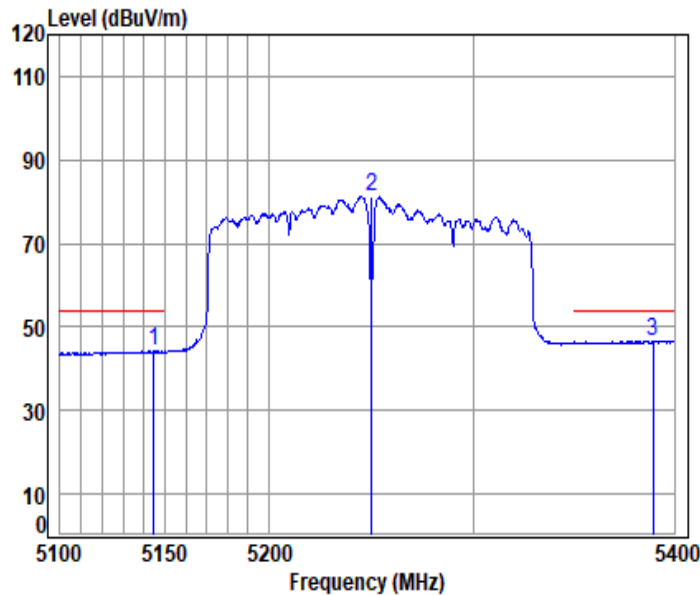
Mode : 5250 Band edge

: 5G WIFI 11AC160 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5139.212	10.10	32.38	30.84	46.12	57.76	74.00	-16.24	Peak
2 pp	5250.000	10.31	32.60	30.80	80.20	92.31	68.20	24.11	Peak
3	5400.000	10.62	32.80	30.74	46.06	58.74	74.00	-15.26	peak



11ac_VHT(160M)_TX_CH_50_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5250 Band edge

: 5G WIFI 11AC160 MIMO

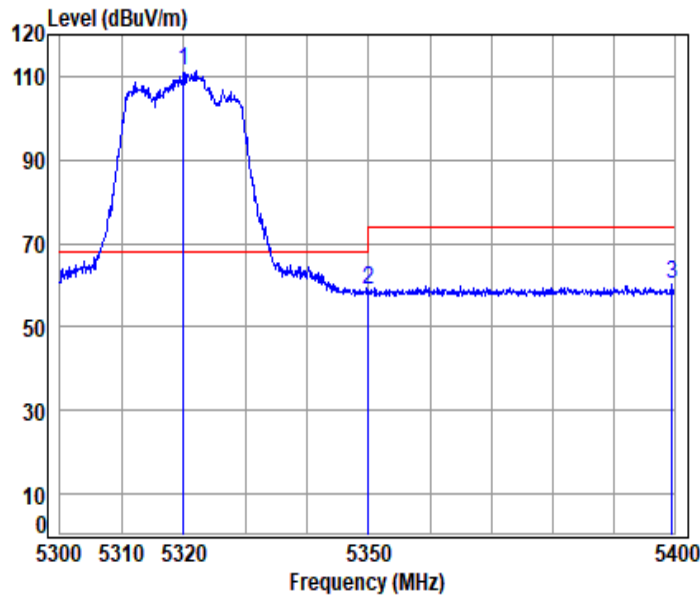
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.796	10.12	32.39	30.84	32.45	44.12	54.00	-9.88	Average
2	5250.000	10.31	32.60	30.80	69.17	81.28	-----	-----	Average
3 pp	5389.516	10.58	32.80	30.74	34.07	46.71	54.00	-7.29	Average



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11ax_20M_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

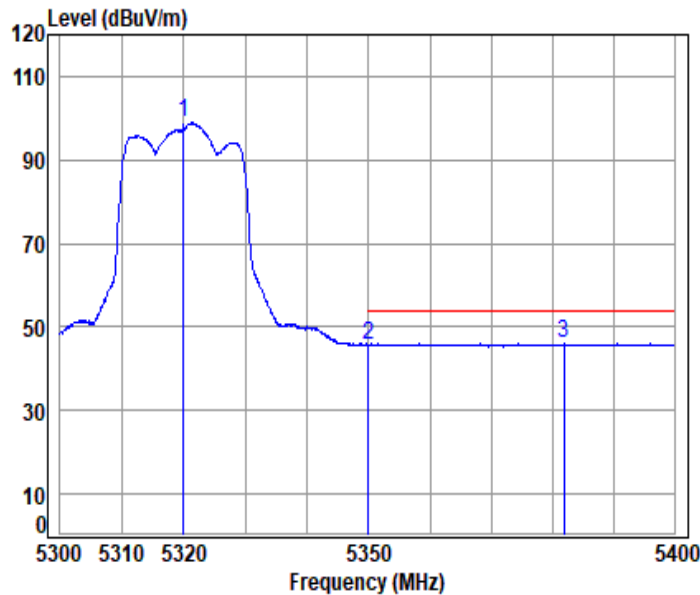
Mode : 5320 Band edge

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	99.14	111.46	68.20	43.26	peak
2	5350.020	10.45	32.80	30.76	46.49	58.98	74.00	-15.02	peak
3	5399.697	10.62	32.80	30.74	47.44	60.12	74.00	-13.88	peak



11ax_20M_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

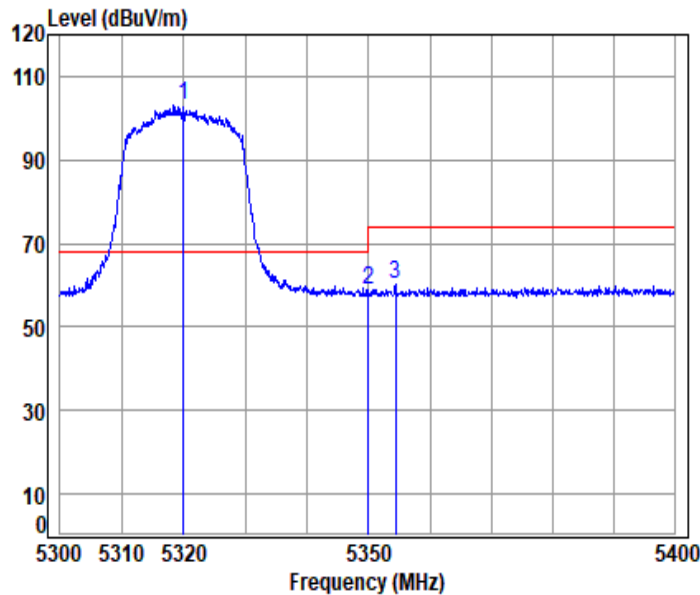
Mode : 5320 Band edge

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	86.63	98.95	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.23	45.72	54.00	-8.28	Average
3 pp	5381.862	10.56	32.80	30.75	33.41	46.02	54.00	-7.98	Average



11ax_20M_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	90.62	102.94	68.20	34.74	Peak
2	5350.020	10.45	32.80	30.76	46.34	58.83	74.00	-15.17	Peak
3	5354.368	10.46	32.80	30.76	47.53	60.03	74.00	-13.97	Peak



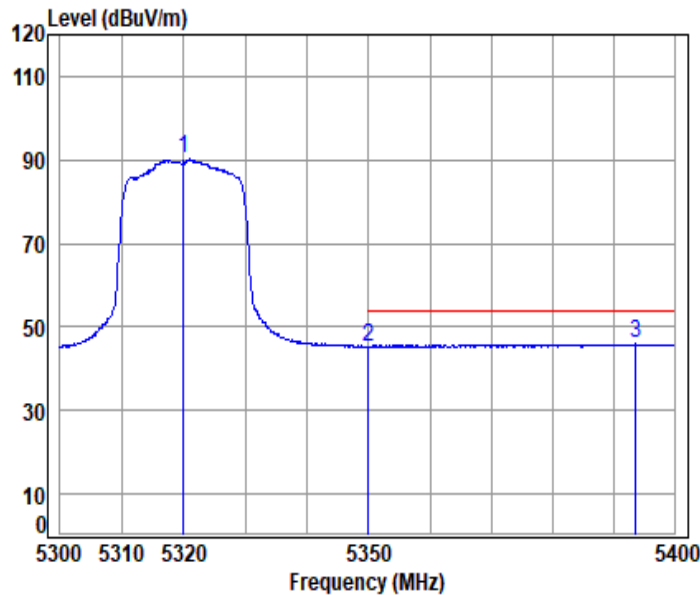
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11ax_20M_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11AX20 MIMO

		Cable	Ant	Preamp	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	77.81	90.13	-----	-----	Average
2	5350.020	10.45	32.80	30.76	32.86	45.35	54.00	-8.65	Average
3 pp	5393.746	10.60	32.80	30.74	33.21	45.87	54.00	-8.13	Average



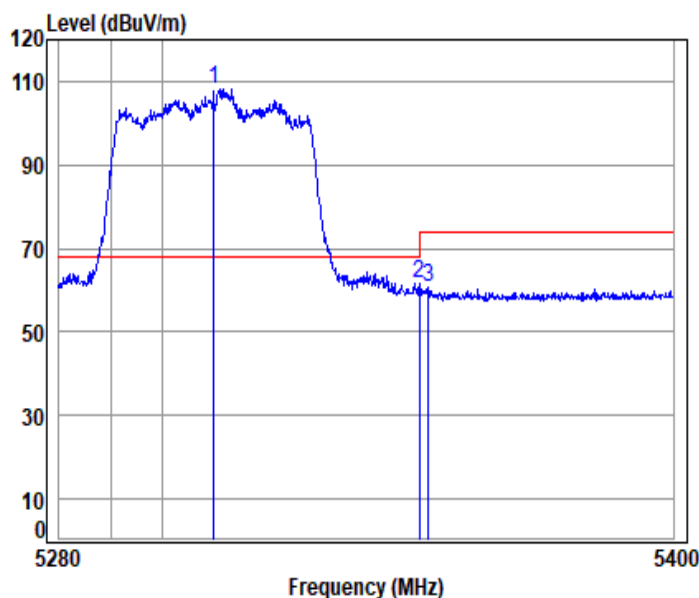
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SZEMC-TRF-01 Rev. A/1

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11ax_40M_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11AX40 MIMO

		Cable	Ant	Preamp	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	96.02	108.27	68.20	40.07	peak
2	5350.020	10.45	32.80	30.76	48.91	61.40	74.00	-12.60	peak
3	5351.796	10.46	32.80	30.76	48.27	60.77	74.00	-13.23	peak



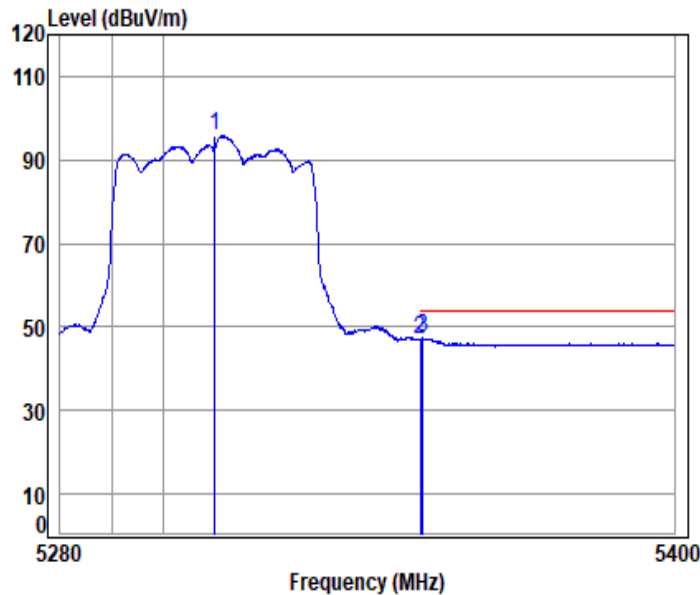
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11ax_40M_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

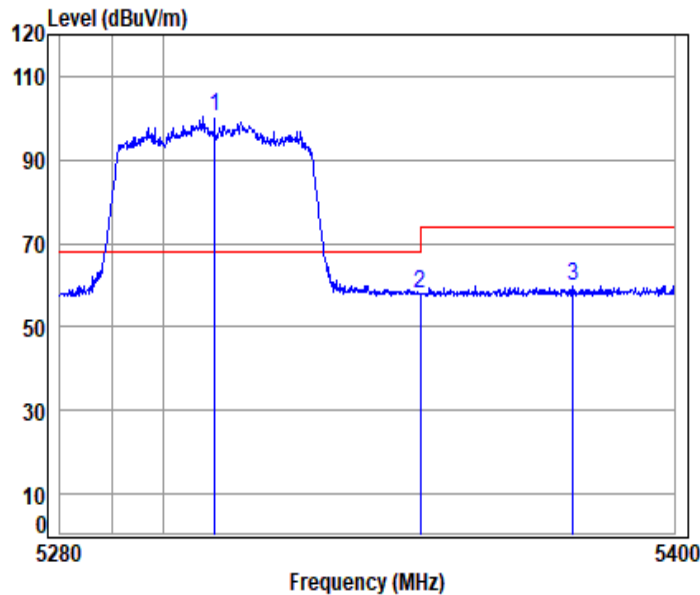
Mode : 5310 Band edge

: 5G WIFI 11AX40 MIMO

		Cable	Ant	Preamp	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	83.67	95.92	-----	-----	Average
2	5350.020	10.45	32.80	30.76	34.60	47.09	54.00	-6.91	Average
3 pp	5350.594	10.45	32.80	30.76	34.75	47.24	54.00	-6.76	Average



11ax_40M_TX_CH_62_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

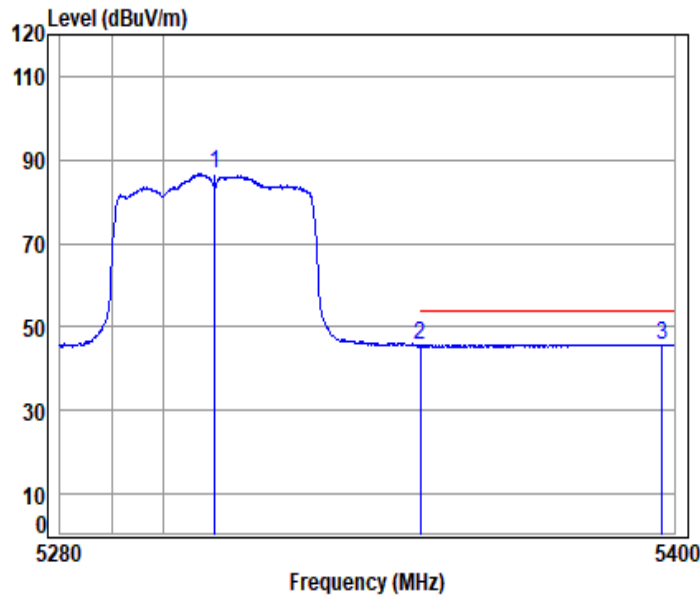
Mode : 5310 Band edge

: 5G WIFI 11AX40 MIMO

		Cable	Ant	Preamp	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	87.90	100.15	68.20	31.95	Peak
2	5350.020	10.45	32.80	30.76	45.36	57.85	74.00	-16.15	Peak
3	5380.014	10.55	32.80	30.75	47.35	59.95	74.00	-14.05	Peak



11ax_40M_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5310 Band edge

: 5G WIFI 11AX40 MIMO

		Cable	Ant	Preamp	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	74.42	86.67	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.06	45.55	54.00	-8.45	Average
3 pp	5397.573	10.61	32.80	30.74	33.11	45.78	54.00	-8.22	Average



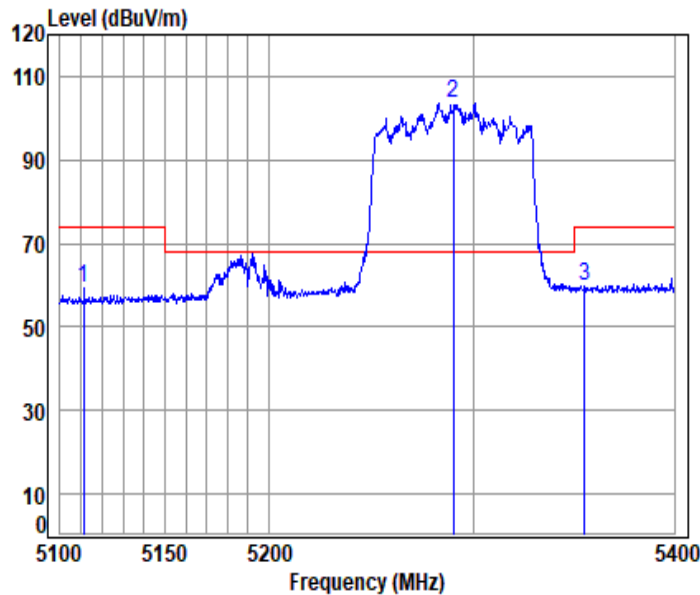
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SZEMC-TRF-01 Rev. A/1

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11ax_80M_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5290 Band edge

: 5G WIFI 11AX80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5111.381	9.99	32.32	30.86	47.66	59.11	74.00	-14.89	peak
2	5290.000	10.28	32.68	30.78	91.40	103.58	68.20	35.38	peak
3	5355.124	10.47	32.80	30.76	47.46	59.97	74.00	-14.03	peak



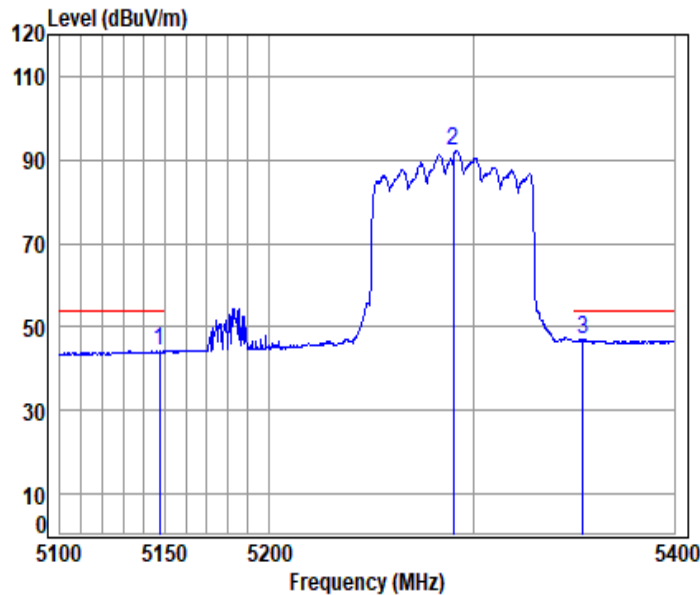
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11ax_80M_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

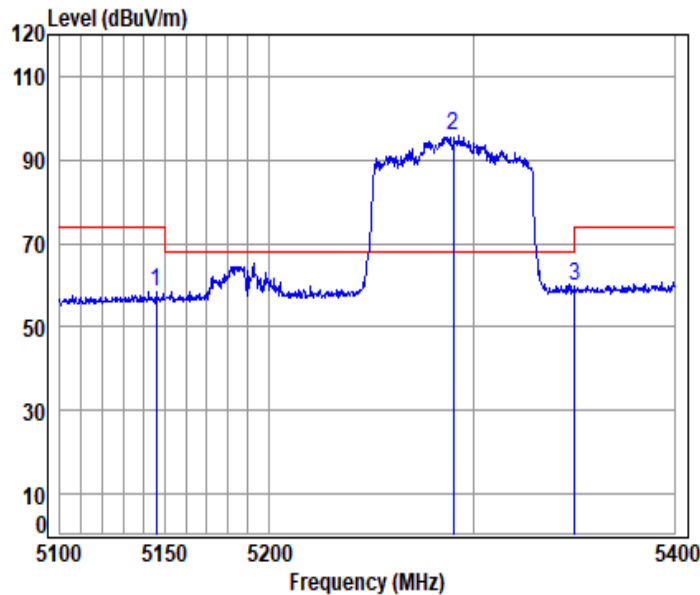
Mode : 5290 Band edge

: 5G WIFI 11AX80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.443	10.13	32.39	30.84	32.55	44.23	54.00	-9.77	Average
2	5290.000	10.28	32.68	30.78	79.83	92.01	-----	-----	Average
3 pp	5354.512	10.47	32.80	30.76	34.48	46.99	54.00	-7.01	Average



11ax_80M_TX_CH_58_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

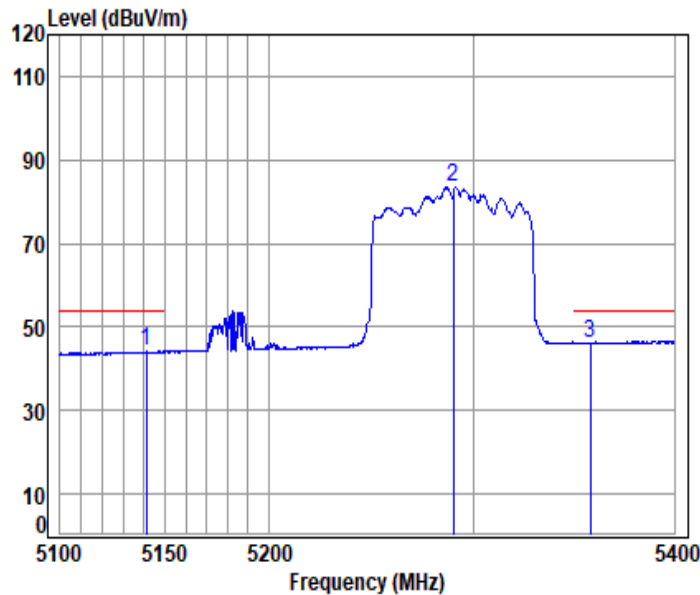
Mode : 5290 Band edge

: 5G WIFI 11AX80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5145.973	10.12	32.39	30.84	46.64	58.31	74.00	-15.69	Peak
2 pp	5290.000	10.28	32.68	30.78	83.42	95.60	68.20	27.40	Peak
3	5350.229	10.45	32.80	30.76	47.32	59.81	74.00	-14.19	Peak



11ax_80M_TX_CH_58_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

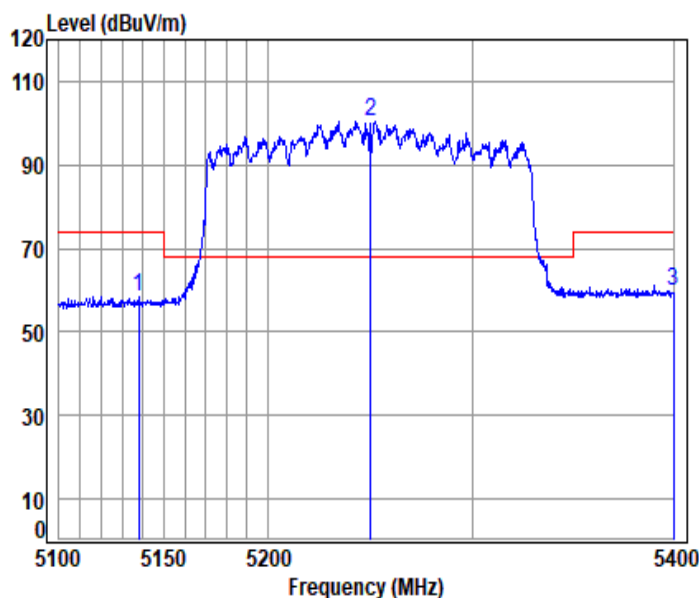
Mode : 5290 Band edge

: 5G WIFI 11AX80 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5141.269	10.11	32.38	30.84	32.46	44.11	54.00	-9.89	Average
2	5290.000	10.28	32.68	30.78	71.48	83.66	-----	-----	Average
3 pp	5358.186	10.48	32.80	30.76	33.73	46.25	54.00	-7.75	Average



11ax_160M_TX_CH_50_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

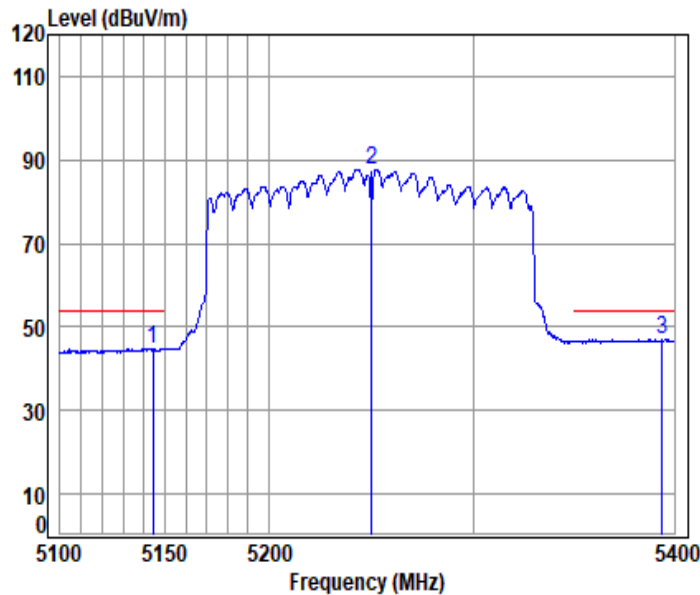
Mode : 5250 Band edge

: 5G WIFI 11AX160 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.037	10.09	32.38	30.84	46.82	58.45	74.00	-15.55	peak
2	5250.000	10.31	32.60	30.80	88.44	100.55	68.20	32.35	peak
3	5400.000	10.62	32.80	30.74	47.02	59.70	74.00	-14.30	peak



11ax_160M_TX_CH_50_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

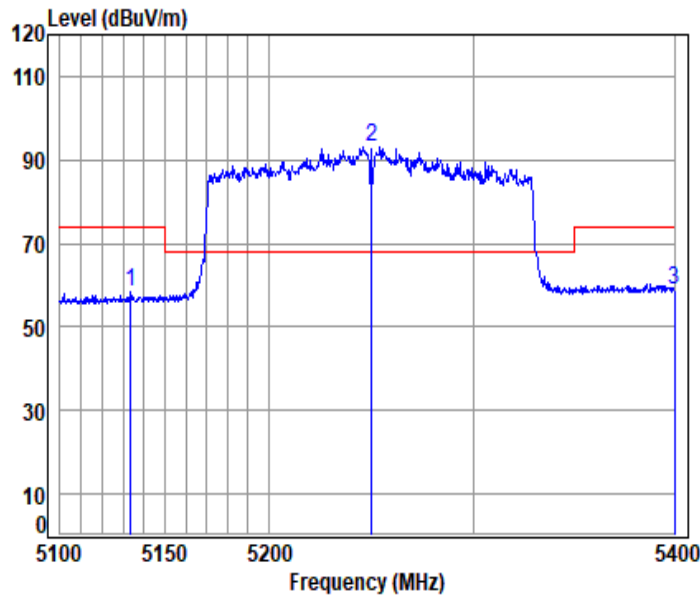
Mode : 5250 Band edge

: 5G WIFI 11AX160 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5144.208	10.12	32.39	30.84	33.11	44.78	54.00	-9.22	Average
2	5250.000	10.31	32.60	30.80	75.69	87.80	-----	-----	Average
3 pp	5394.139	10.60	32.80	30.74	34.39	47.05	54.00	-6.95	Average



11ax_160M_TX_CH_50_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

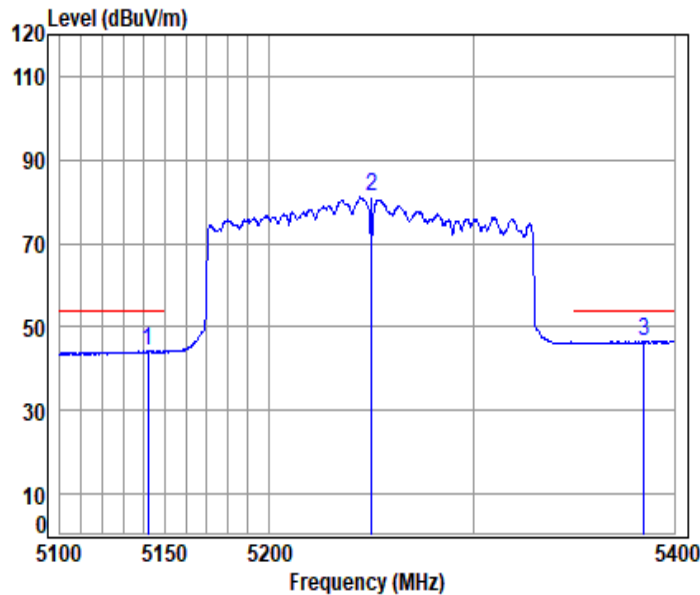
Mode : 5250 Band edge

: 5G WIFI 11AX160 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5133.634	10.08	32.37	30.85	46.66	58.26	74.00	-15.74	Peak
2	pp 5250.000	10.31	32.60	30.80	80.85	92.96	68.20	24.76	Peak
3	5400.000	10.62	32.80	30.74	46.36	59.04	74.00	-14.96	peak



11ax_160M_TX_CH_50_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

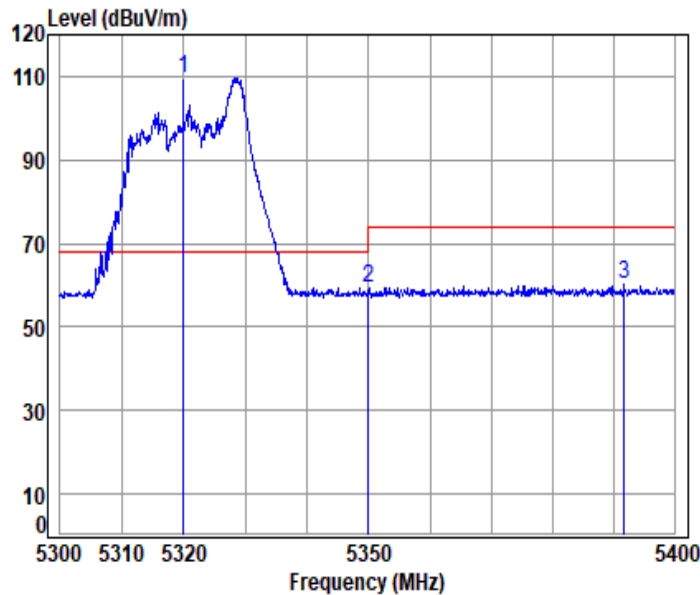
Mode : 5250 Band edge

: 5G WIFI 11AX160 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5141.856	10.11	32.38	30.84	32.58	44.23	54.00	-9.77	Average
2	5250.000	10.31	32.60	30.80	68.90	81.01	-----	-----	Average
3 pp	5384.897	10.57	32.80	30.75	33.89	46.51	54.00	-7.49	Average



11ax_20M_Partial_RU26_TX_CH_64_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

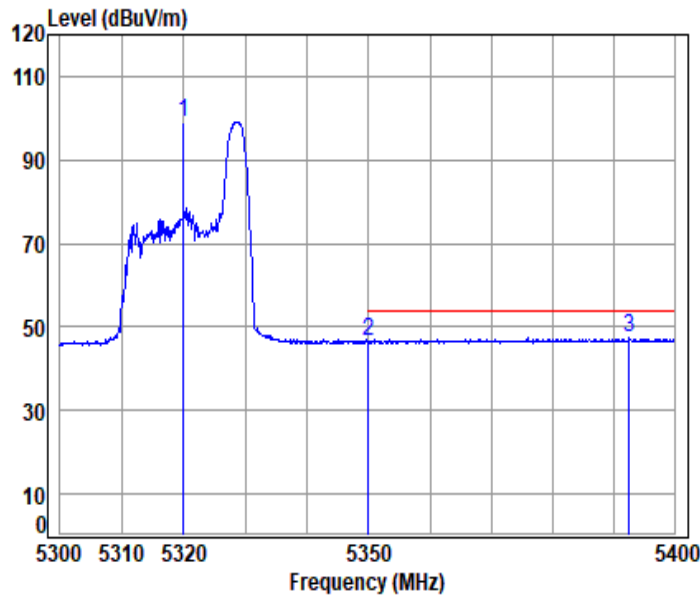
Mode : 5320 Band edge

: 5G WIFI 11AX20 RU26 MIMO

		Cable	Ant	Preamp	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	97.23	109.55	68.20	41.35	peak
2	5350.020	10.45	32.80	30.76	46.63	59.12	74.00	-14.88	peak
3	5391.729	10.59	32.80	30.74	47.36	60.01	74.00	-13.99	peak



11ax_20M_Partial_RU26_TX_CH_64_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

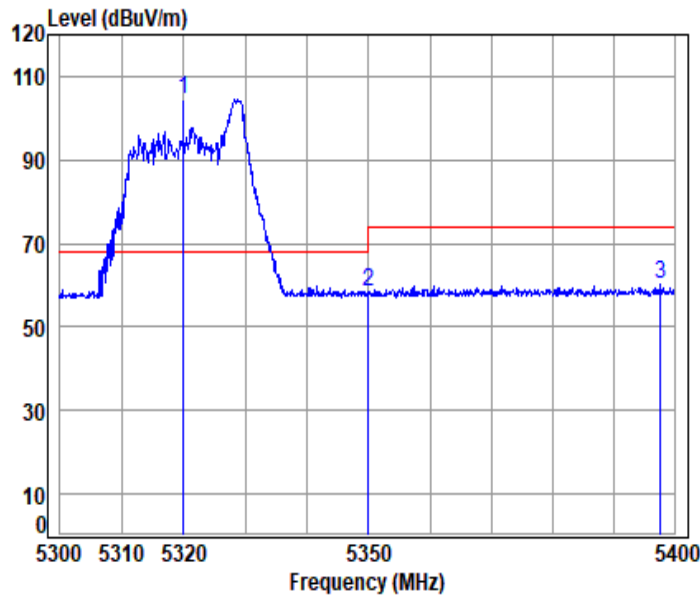
Mode : 5320 Band edge

: 5G WIFI 11AX20 RU26 MIMO

		Cable	Ant	Preamp	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	86.66	98.98	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.98	46.47	54.00	-7.53	Average
3 pp	5392.637	10.59	32.80	30.74	34.66	47.31	54.00	-6.69	Average



11ax_20M_Partial_RU26_TX_CH_64_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

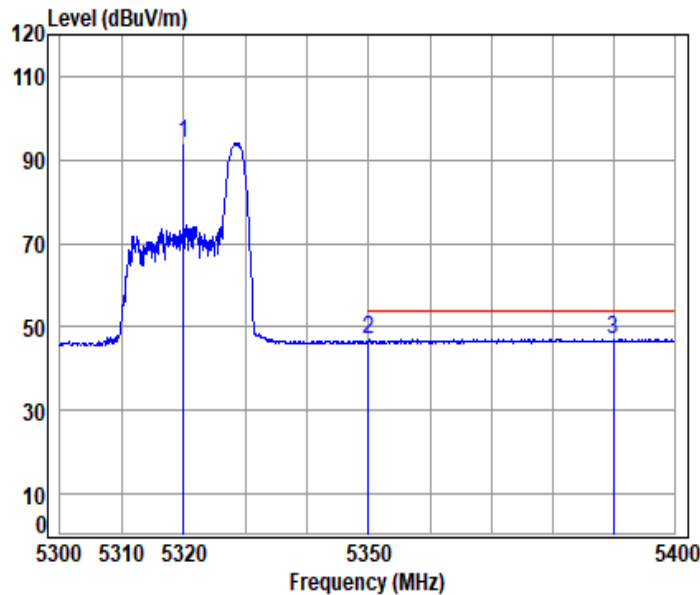
Mode : 5320 Band edge

: 5G WIFI 11AX20 RU26 MIMO

		Cable	Ant	Preamp	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	92.20	104.52	68.20	36.32	Peak
2	5350.020	10.45	32.80	30.76	45.98	58.47	74.00	-15.53	Peak
3	5397.780	10.61	32.80	30.74	47.51	60.18	74.00	-13.82	Peak



11ax_20M_Partial_RU26_TX_CH_64_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5320 Band edge

: 5G WIFI 11AX20 RU26 MIMO

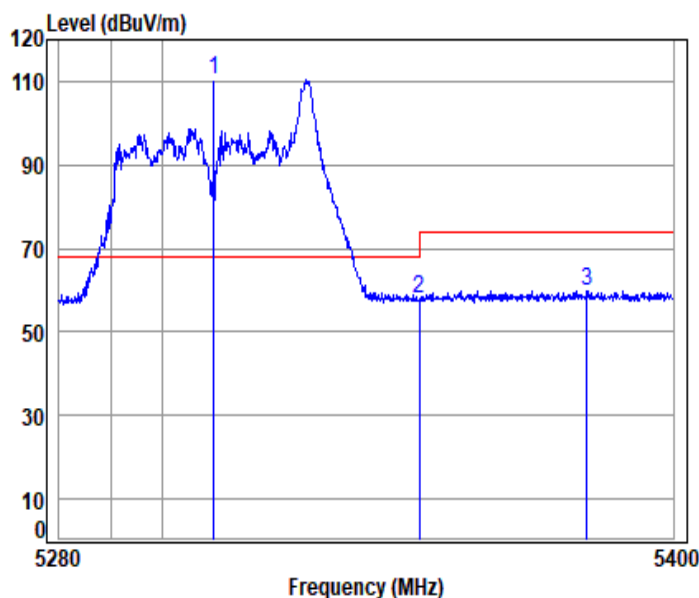
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5320.000	10.35	32.74	30.77	81.90	94.22	-----	-----	Average
2	5350.020	10.45	32.80	30.76	34.36	46.85	54.00	-7.15	Average
3 pp	5390.017	10.59	32.80	30.74	34.46	47.11	54.00	-6.89	Average



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11ax_40M_Partial_RU26_TX_CH_62_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

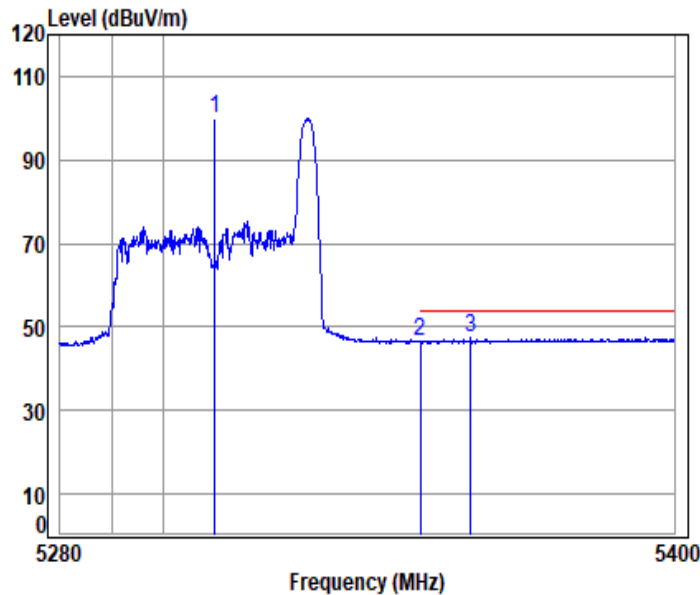
Mode : 5310 Band edge

: 5G WIFI 11AX40 RU26 MIMO

		Cable	Ant	Preamp	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	98.19	110.44	68.20	42.24	peak
2	5350.020	10.45	32.80	30.76	45.62	58.11	74.00	-15.89	peak
3	5383.037	10.56	32.80	30.75	47.38	59.99	74.00	-14.01	peak



11ax_40M_Partial_RU26_TX_CH_62_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

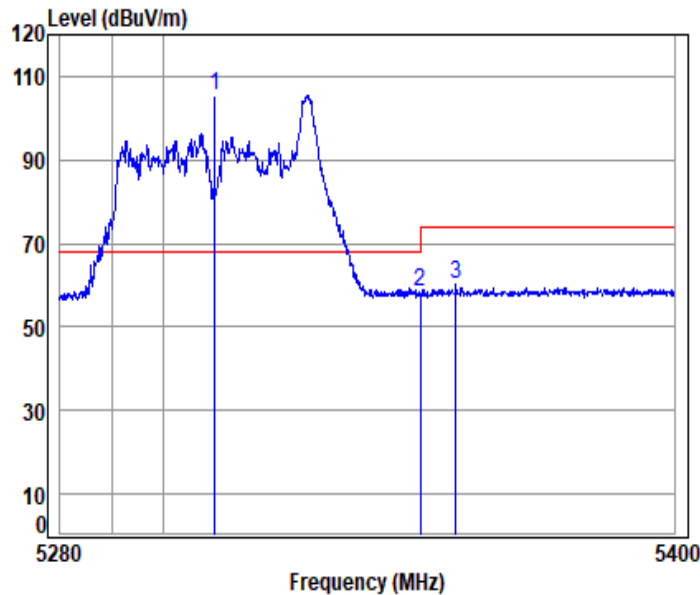
Mode : 5310 Band edge

: 5G WIFI 11AX40 RU26 MIMO

		Cable	Ant	Preamp	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	87.63	99.88	-----	-----	Average
2	5350.020	10.45	32.80	30.76	34.07	46.56	54.00	-7.44	Average
3 pp	5359.981	10.48	32.80	30.76	34.91	47.43	54.00	-6.57	Average



11ax_40M_Partial_RU26_TX_CH_62_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

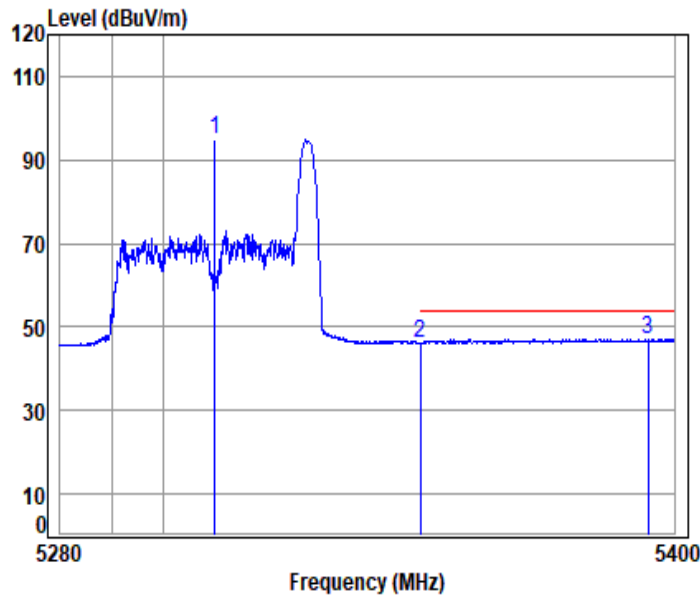
Mode : 5310 Band edge

: 5G WIFI 11AX40 RU26 MIMO

		Cable	Ant	Preamp	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	93.13	105.38	68.20	37.18	Peak
2	5350.020	10.45	32.80	30.76	46.10	58.59	74.00	-15.41	Peak
3	5357.091	10.47	32.80	30.76	47.74	60.25	74.00	-13.75	Peak



11ax_40M_Partial_RU26_TX_CH_62_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

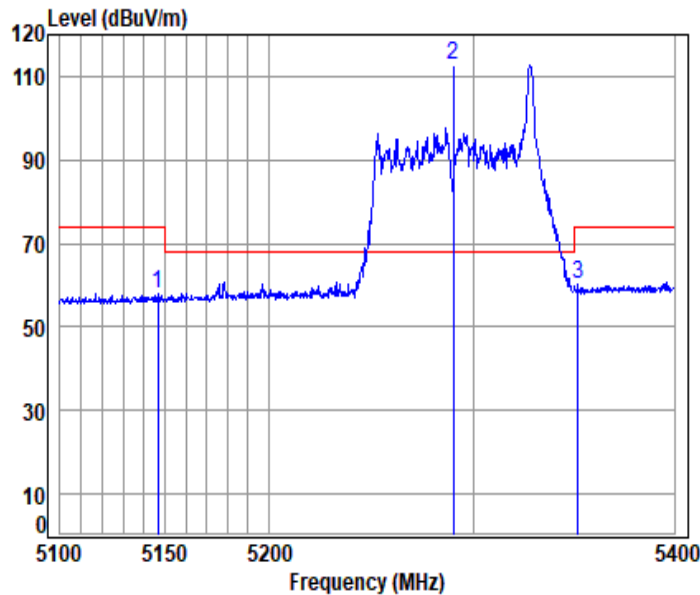
Mode : 5310 Band edge

: 5G WIFI 11AX40 RU26 MIMO

		Cable	Ant	Preamp	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	82.44	94.69	-----	-----	Average
2	5350.020	10.45	32.80	30.76	33.81	46.30	54.00	-7.70	Average
3 pp	5394.906	10.60	32.80	30.74	34.51	47.17	54.00	-6.83	Average



11ax_80M_Partial_RU26_TX_CH_58_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

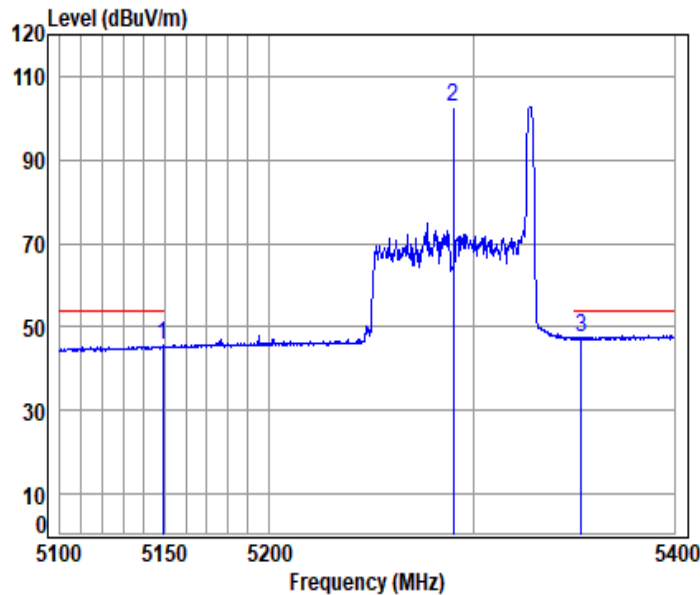
Mode : 5290 Band edge

: 5G WIFI 11AX80 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5146.561	10.13	32.39	30.84	46.32	58.00	74.00	-16.00	peak
2 pp	5290.000	10.28	32.68	30.78	100.60	112.78	68.20	44.58	peak
3	5351.758	10.46	32.80	30.76	47.65	60.15	74.00	-13.85	peak



11ax_80M_Partial_RU26_TX_CH_58_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5290 Band edge

: 5G WIFI 11AX80 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5149.209	10.14	32.40	30.84	33.72	45.42	54.00	-8.58	Average
2	5290.000	10.28	32.68	30.78	90.55	102.73	-----	-----	Average
3 pp	5353.594	10.46	32.80	30.76	35.07	47.57	54.00	-6.43	Average



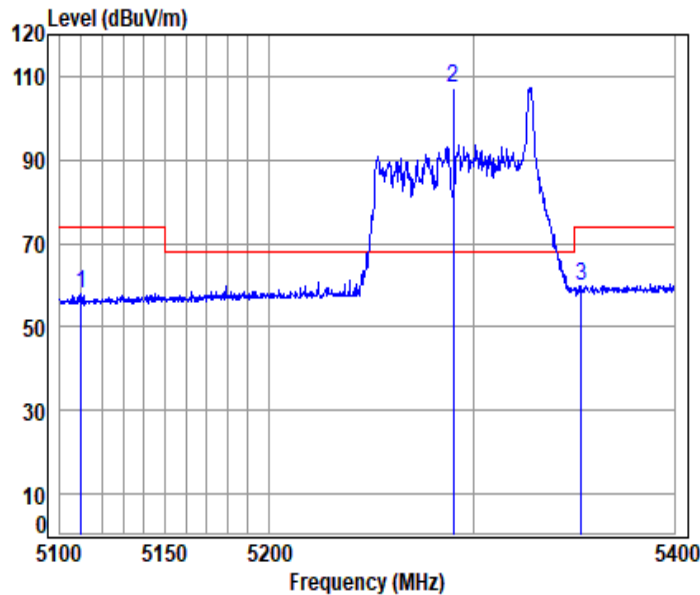
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

11ax_80M_Partial_RU26_TX_CH_58_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

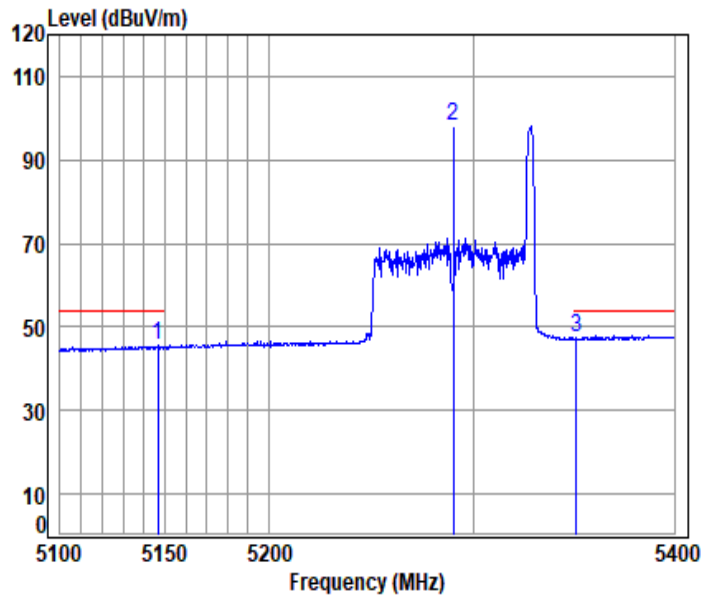
Mode : 5290 Band edge

: 5G WIFI 11AX80 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5110.213	9.99	32.32	30.86	46.65	58.10	74.00	-15.90	Peak
2	5290.000	10.28	32.68	30.78	95.22	107.40	68.20	39.20	Peak
3	5353.594	10.46	32.80	30.76	47.31	59.81	74.00	-14.19	Peak



11ax_80M_Partial_RU26_TX_CH_58_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

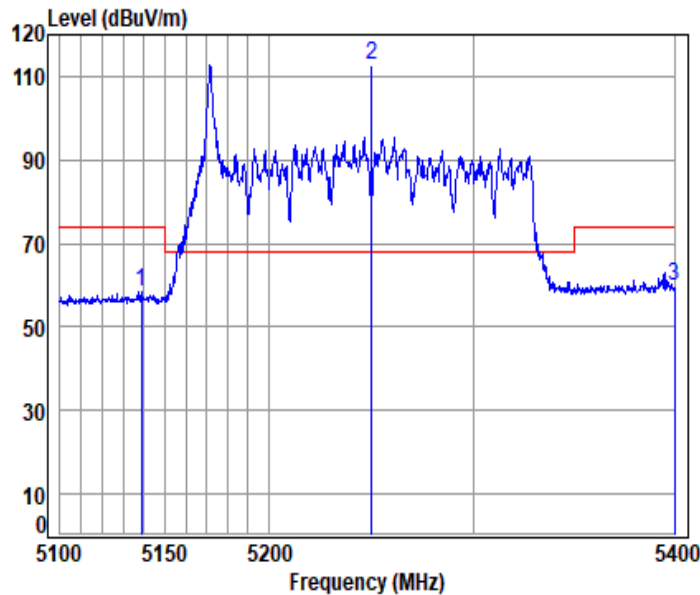
Mode : 5290 Band edge

: 5G WIFI 11AX80 RU26 MIMO

		Cable	Ant	Preamp	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	33.87	45.55	54.00	-8.45	Average
2	5290.000	10.28	32.68	30.78	85.75	97.93	-----	-----	Average
3 pp	5350.840	10.45	32.80	30.76	34.89	47.38	54.00	-6.62	Average



11ax_160M_Partial_RU26_TX_CH_50_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

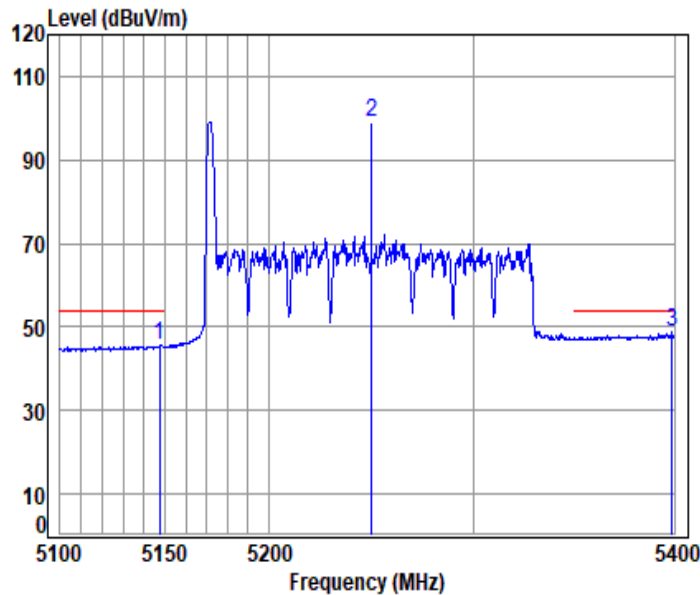
Mode : 5250 Band edge

: 5G WIFI 11AX160 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5138.625	10.10	32.38	30.84	46.60	58.24	74.00	-15.76	peak
2	pp 5250.000	10.31	32.60	30.80	100.58	112.69	68.20	44.49	peak
3	5400.000	10.62	32.80	30.74	47.03	59.71	74.00	-14.29	peak



11ax_160M_Partial_RU26_TX_CH_50_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

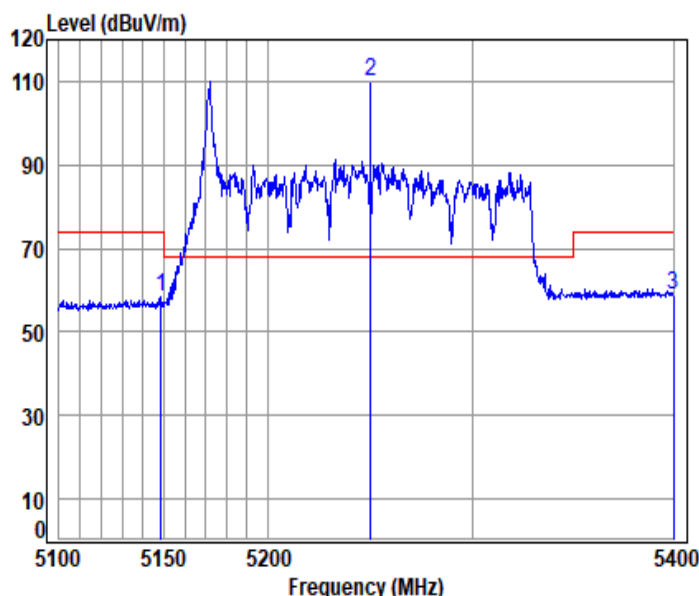
Mode : 5250 Band edge

: 5G WIFI 11AX160 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5147.443	10.13	32.39	30.84	33.81	45.49	54.00	-8.51	Average
2	5250.000	10.31	32.60	30.80	86.95	99.06	-----	-----	Average
3 pp	5398.766	10.62	32.80	30.74	36.37	49.05	54.00	-4.95	Average



11ax_160M_Partial_RU26_TX_CH_50_Vetical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

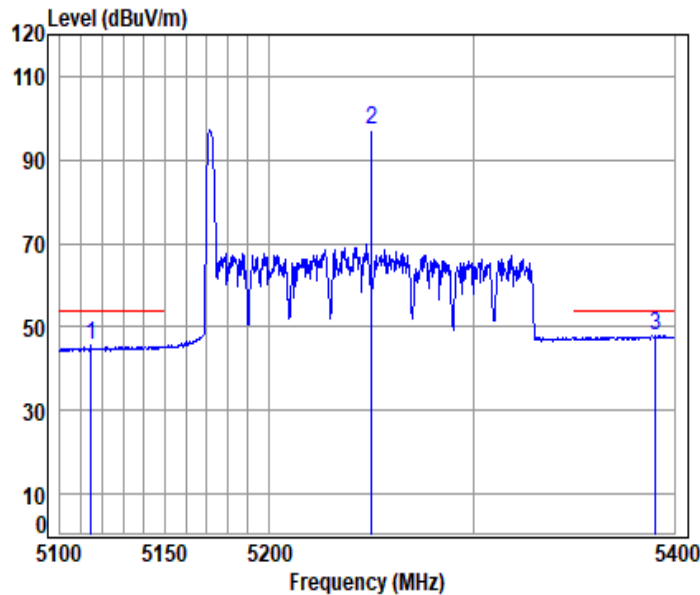
Mode : 5250 Band edge

: 5G WIFI 11AX160 RU26 MIMO

	Cable	Ant	Preamp	Read		Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
5148.621	10.13	32.40	30.84	46.91	58.60	74.00	-15.40	Peak
5250.000	10.31	32.60	30.80	97.95	110.06	68.20	41.86	Peak
5400.000	10.62	32.80	30.74	46.39	59.07	74.00	-14.93	peak



11ax_160M_Partial_RU26_TX_CH_50_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

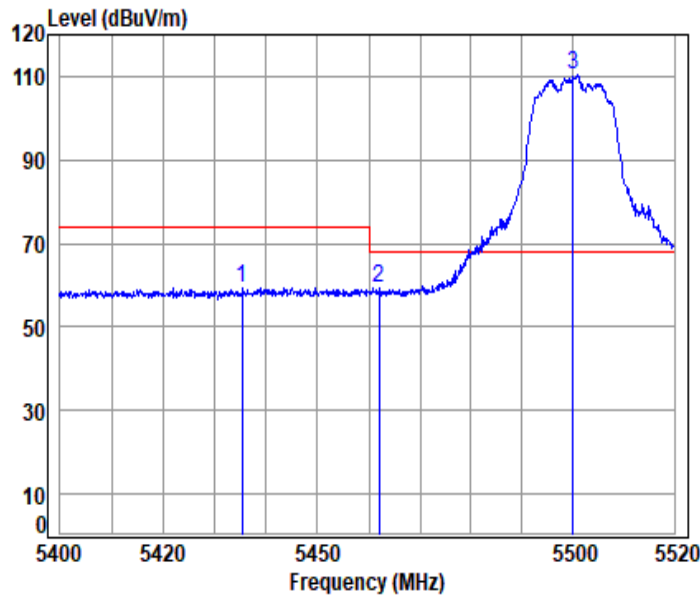
Mode : 5250 Band edge

: 5G WIFI 11AX160 RU26 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5114.889	10.01	32.33	30.85	34.13	45.62	54.00	-8.38	Average
2	5250.000	10.31	32.60	30.80	85.25	97.36	-----	-----	Average
3 pp	5390.748	10.59	32.80	30.74	35.30	47.95	54.00	-6.05	Average



11a_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5435.365	10.61	32.87	30.73	46.68	59.43	74.00	-14.57	peak
2	5461.951	10.60	32.90	30.72	46.32	59.10	68.20	-9.10	peak
3 pp	5500.000	10.58	32.90	30.70	97.45	110.23	68.20	42.03	peak



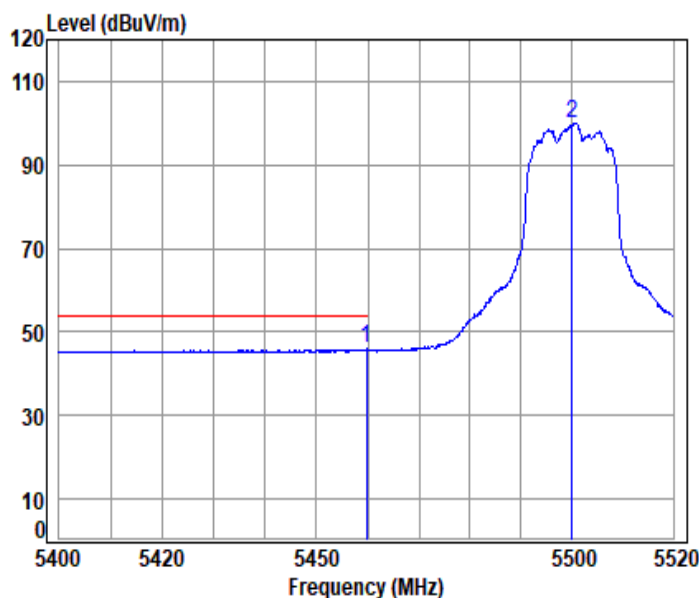
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11a_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 pp	5459.791	10.60	32.90	30.72	33.09	45.87	54.00	-8.13	Average
2	5500.000	10.58	32.90	30.70	87.28	100.06	-----	-----	Average



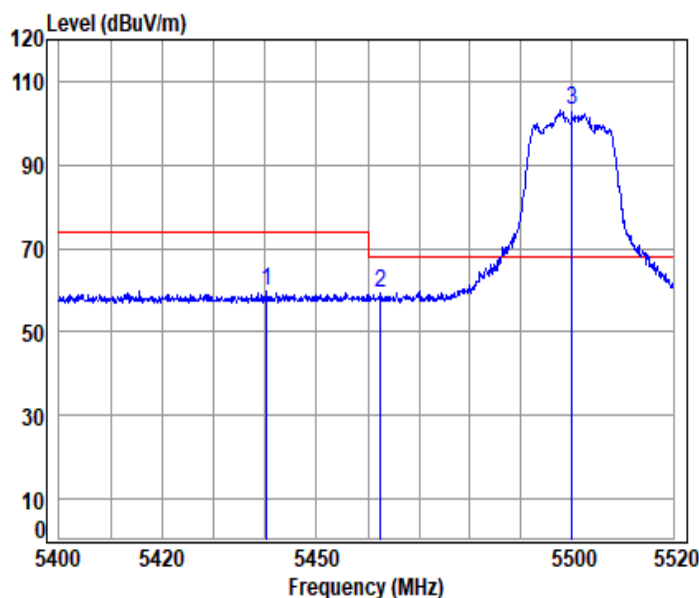
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11a_TX_CH_100_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

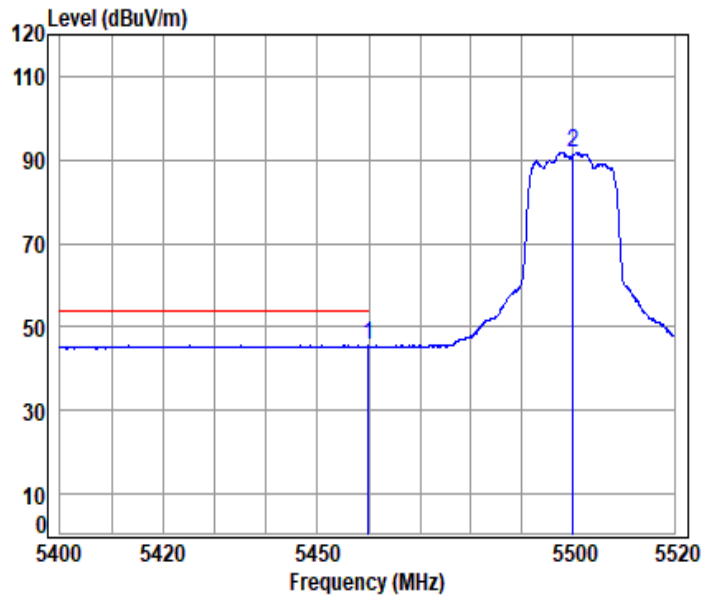
Mode : 5500 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5440.265	10.60	32.88	30.72	46.97	59.73	74.00	-14.27	Peak
2	5462.551	10.59	32.90	30.71	46.59	59.37	68.20	-8.83	peak
3 pp	5500.000	10.58	32.90	30.70	90.29	103.07	68.20	34.87	Peak



11a_TX_CH_100_Verical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5459.910	10.60	32.90	30.72	32.69	45.47	54.00	-8.53	Average
2	5500.000	10.58	32.90	30.70	79.15	91.93	-----	-----	Average



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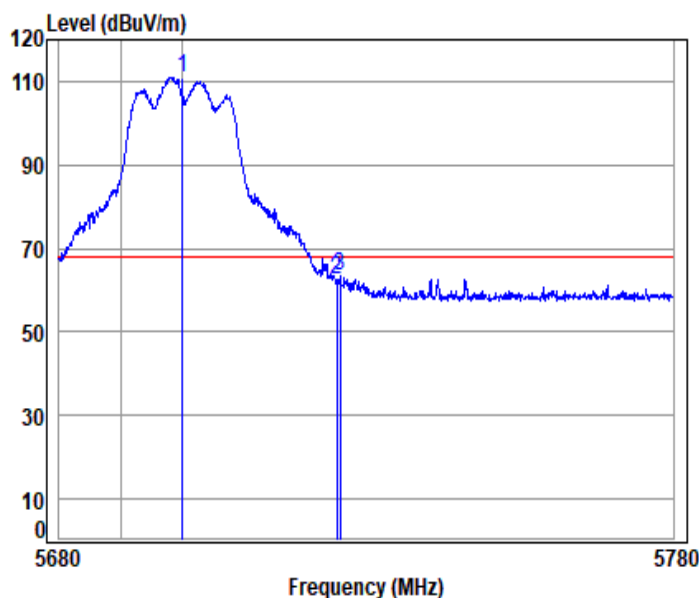
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200460909

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11a_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5700 Band edge

: 5G WIFI 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5700.000	10.56	33.20	30.62	97.88	111.02	68.20	42.82	peak
2	5725.000	10.68	33.25	30.61	49.41	62.73	68.20	-5.47	peak
3	5725.583	10.68	33.25	30.61	50.08	63.40	68.20	-4.80	peak



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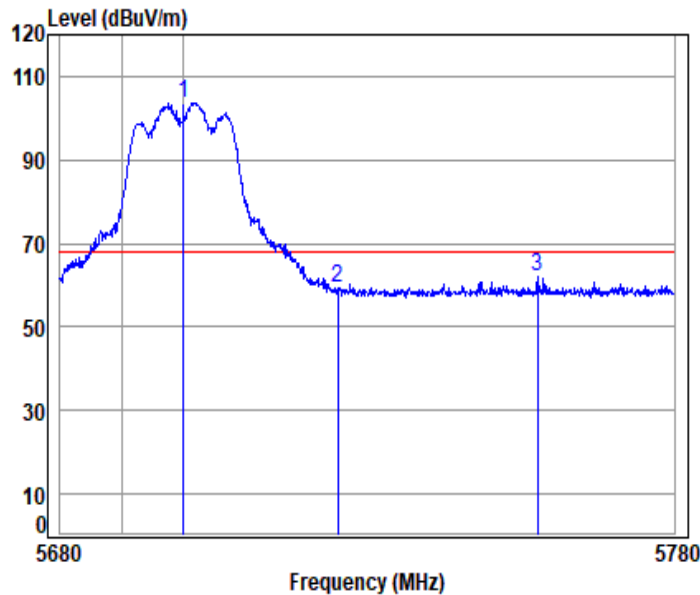
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200460909

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11a_TX_CH_140_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5700 Band edge

: 5G WIFI 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	pp 5700.000	10.56	33.20	30.62	90.66	103.80	68.20	35.60 peak
2	5725.000	10.68	33.25	30.61	45.83	59.15	68.20	-9.05 peak
3	5757.649	10.83	33.32	30.60	48.60	62.15	68.20	-6.05 peak



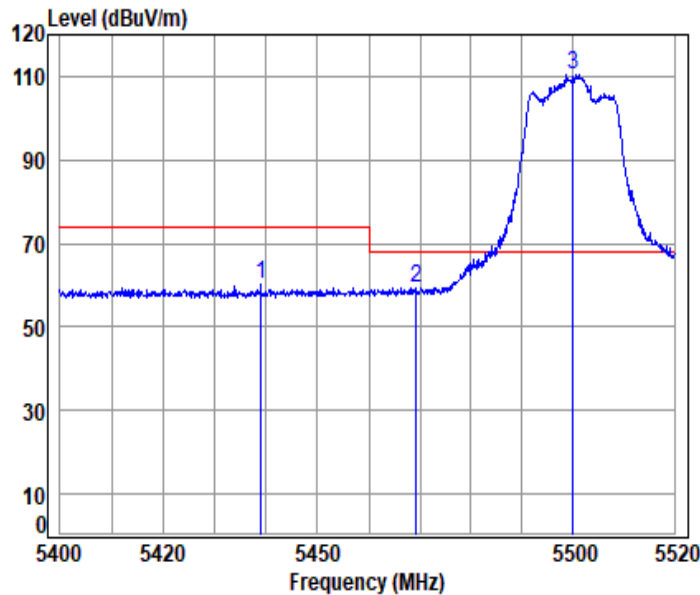
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11n_HT(20M)_TX_CH_100_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

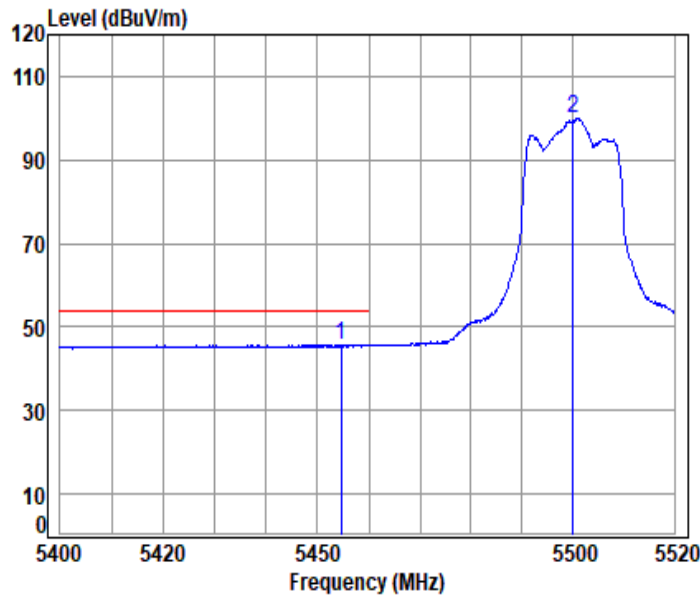
Mode : 5500 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5438.950	10.60	32.88	30.72	47.64	60.40	74.00	-13.60	peak
2	5469.279	10.59	32.90	30.71	46.72	59.50	68.20	-8.70	peak
3 pp	5500.000	10.58	32.90	30.70	97.68	110.46	68.20	42.26	peak



11n_HT(20M)_TX_CH_100_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	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 5454.513	10.60	32.90	30.72	32.99	45.77	54.00	-8.23	Average
2	5500.000	10.58	32.90	30.70	87.15	99.93	-----	-----	Average



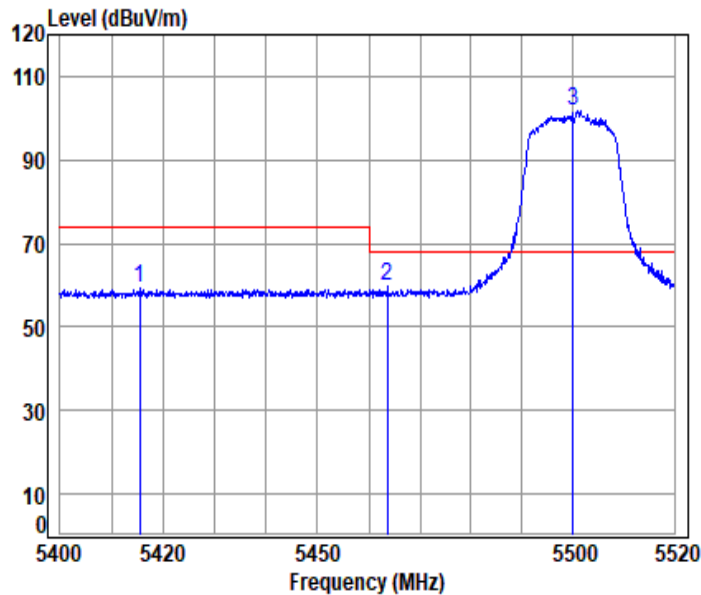
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11n_HT(20M)_TX_CH_100_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11N20 MIMO

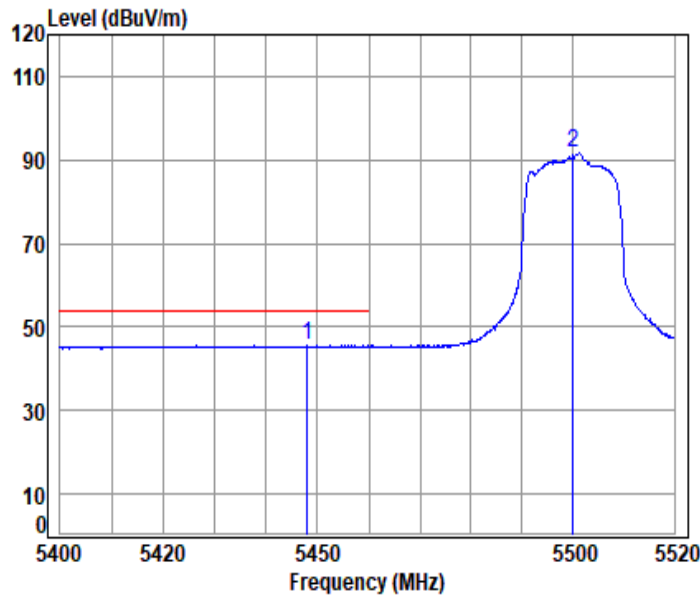
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5415.451	10.61	32.83	30.73	46.46	59.17	74.00	-14.83	Peak
2	5463.632	10.59	32.90	30.71	46.98	59.76	68.20	-8.44	peak
3 pp	5500.000	10.58	32.90	30.70	88.97	101.75	68.20	33.55	Peak



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11n_HT(20M)_TX_CH_100_Verical-Avg



Condition: 3m VERTICAL

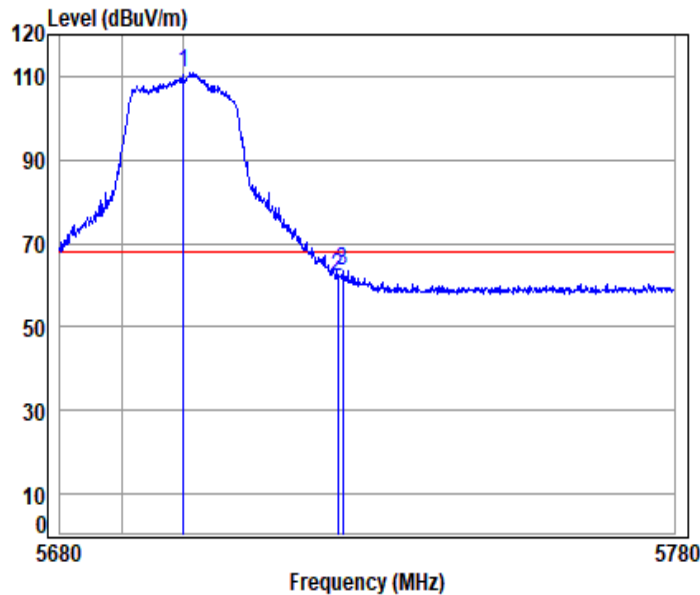
Job No : 04609WM

Mode : 5500 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	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	5448.043	10.60	32.90	30.72	32.79	45.57	54.00	-8.43 Average
2	5500.000	10.58	32.90	30.70	78.81	91.59	-----	----- Average

11n_HT(20M)_TX_CH_140_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5700 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	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	97.84	110.98	68.20	42.78	peak
2	5725.000	10.68	33.25	30.61	48.87	62.19	68.20	-6.01	Peak
3	5725.883	10.68	33.25	30.61	50.17	63.49	68.20	-4.71	Peak



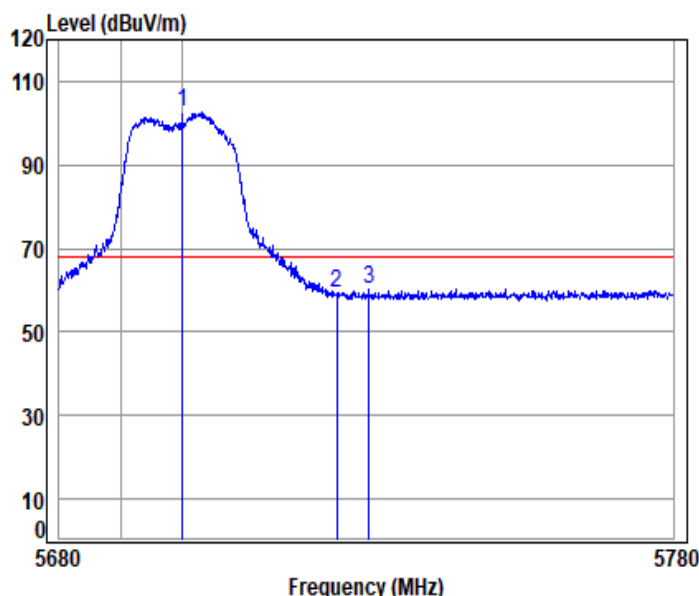
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11n_HT(20M)_TX_CH_140_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5700 Band edge

: 5G WIFI 11N20 MIMO

		Cable	Ant	Preamp	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	89.35	102.49	68.20	34.29	Peak
2	5725.000	10.68	33.25	30.61	45.93	59.25	68.20	-8.95	peak
3	5730.282	10.70	33.26	30.61	46.87	60.22	68.20	-7.98	peak



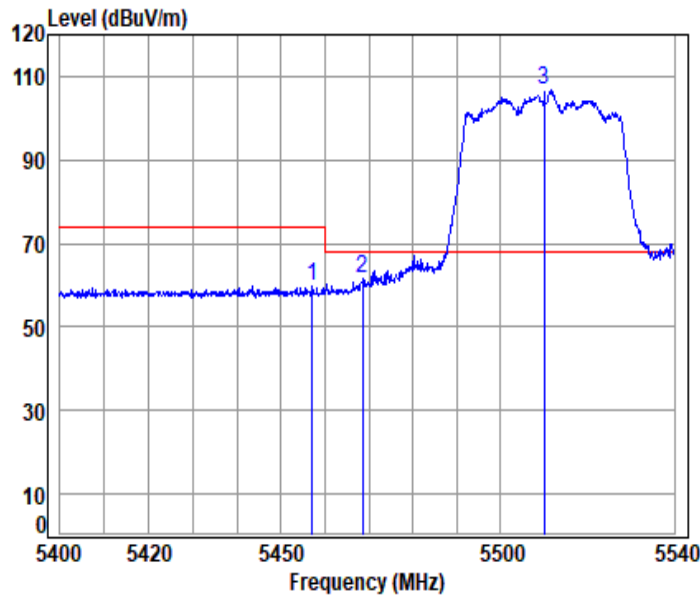
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11n_HT(40M)_TX_CH_102_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5510 Band edge

: 5G WIFI 11N40 MIMO

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5457.106	10.60	32.90	30.72	47.12	59.90	74.00	-14.10 peak
2	5468.572	10.59	32.90	30.71	48.64	61.42	68.20	-6.78 peak
3 pp	5510.000	10.56	32.90	30.70	93.81	106.57	68.20	38.37 peak



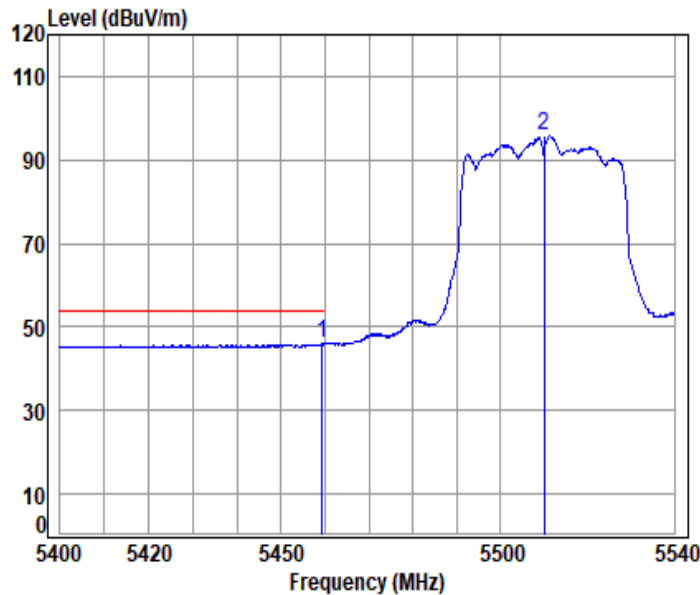
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11n_HT(40M)_TX_CH_102_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

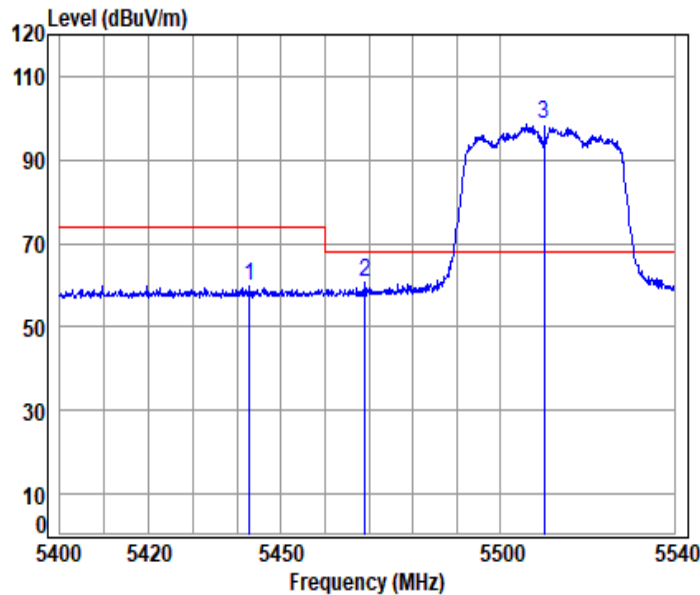
Mode : 5510 Band edge

: 5G WIFI 11N40 MIMO

		Cable	Ant	Preamp	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	5459.342	10.60	32.90	30.72	33.41	46.19	54.00	-7.81 Average
2	5510.000	10.56	32.90	30.70	83.14	95.90	-----	----- Average



11n_HT(40M)_TX_CH_102_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

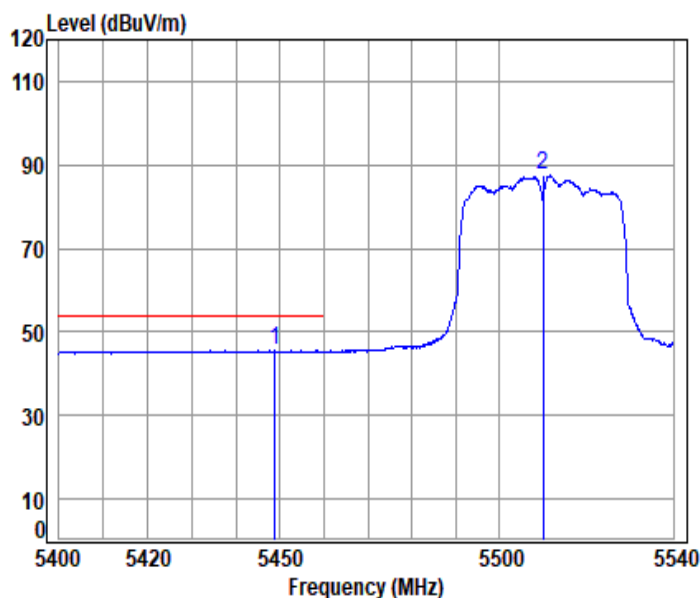
Mode : 5510 Band edge

: 5G WIFI 11N40 MIMO

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5442.878	10.60	32.89	30.72	47.05	59.82	74.00	-14.18	Peak
2	5469.132	10.59	32.90	30.71	47.79	60.57	68.20	-7.63	peak
3 pp	5510.000	10.56	32.90	30.70	85.83	98.59	68.20	30.39	Peak



11n_HT(40M)_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

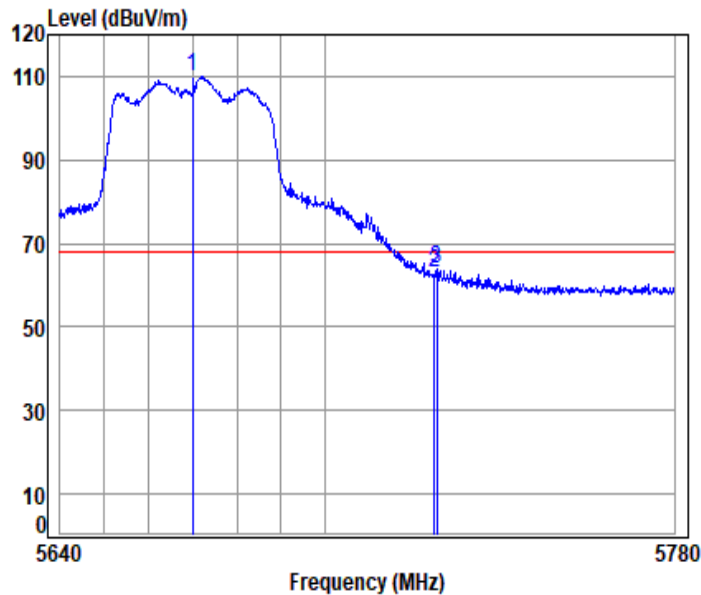
Mode : 5510 Band edge

: 5G WIFI 11N40 MIMO

		Cable	Ant	Preamp	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 5448.732	10.60	32.90	30.72	32.75	45.53	54.00	-8.47	Average
2	5510.000	10.56	32.90	30.70	74.63	87.39	-----	-----	Average



11n_HT(40M)_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5670 Band edge

: 5G WIFI 11N40 MIMO

		Cable	Ant	Preamp	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	96.73	109.76	68.20	41.56	peak
2	5725.000	10.68	33.25	30.61	49.71	63.03	68.20	-5.17	peak
3	5725.553	10.68	33.25	30.61	50.38	63.70	68.20	-4.50	peak



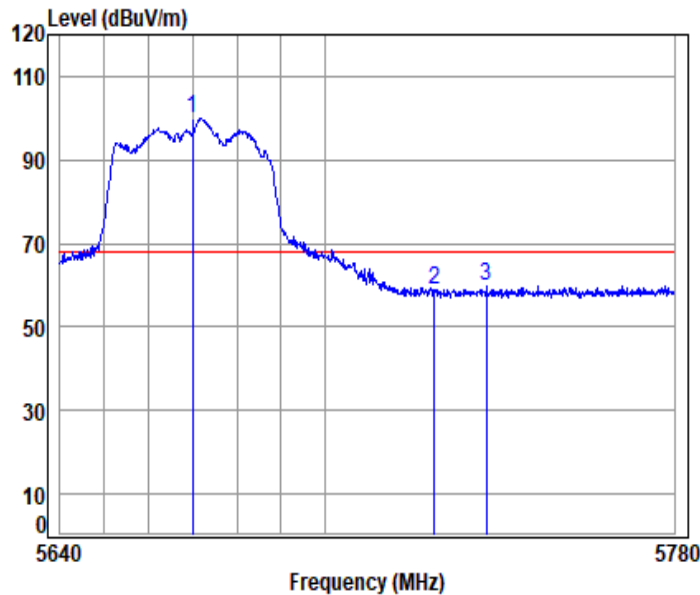
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Shenzhen Branch Testing Laboratory

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

11n_HT(40M)_TX_CH_134_Verical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

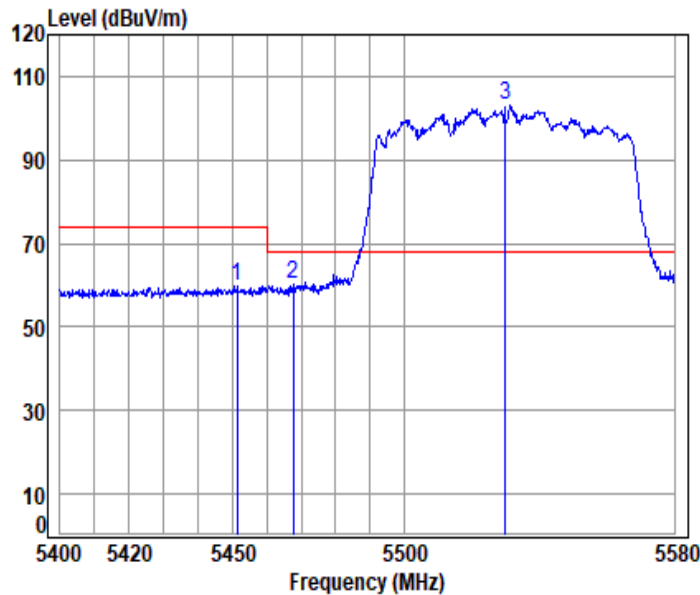
Mode : 5670 Band edge

: 5G WIFI 11N40 MIMO

		Cable	Ant	Preamp	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	86.96	99.99	68.20	31.79 peak
2	5725.000	10.68	33.25	30.61	45.37	58.69	68.20	-9.51 peak
3	5736.795	10.73	33.27	30.61	46.59	59.98	68.20	-8.22 peak



11ac_VHT(80M)_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5530 Band edge

: 5G WIFI 11AC80 MIMO

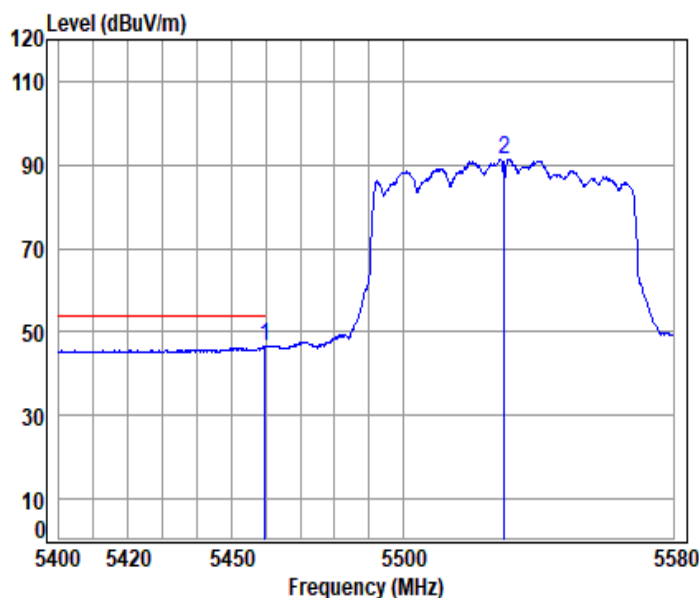
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5451.415	10.60	32.90	30.72	47.13	59.91	74.00	-14.09	peak
2	5467.706	10.59	32.90	30.71	47.48	60.26	68.20	-7.94	peak
3 pp	5530.000	10.53	32.90	30.69	90.28	103.02	68.20	34.82	peak



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11ac_VHT(80M)_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL

Job No : 04609WM

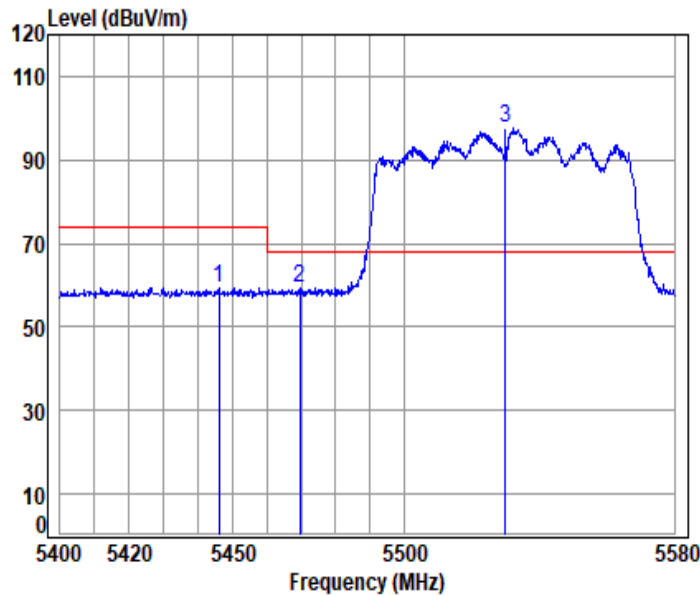
Mode : 5530 Band edge

: 5G WIFI 11AC80 MIMO

		Cable	Ant	Preamp	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 5459.823	10.60	32.90	30.72	33.76	46.54	54.00	-7.46	Average
2 5530.000	10.53	32.90	30.69	78.65	91.39	-----	-----	Average



11ac_VHT(80M)_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5530 Band edge

: 5G WIFI 11AC80 MIMO

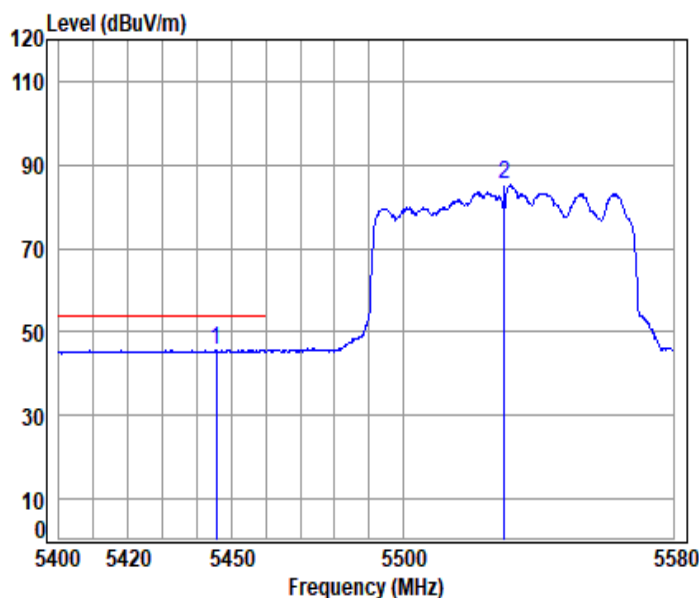
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5446.055	10.60	32.89	30.72	46.51	59.28	74.00	-14.72	Peak
2	5469.499	10.59	32.90	30.71	46.35	59.13	68.20	-9.07	peak
3 pp	5530.000	10.53	32.90	30.69	84.68	97.42	68.20	29.22	Peak



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11ac_VHT(80M)_TX_CH_106_Vertical-Avg



Condition: 3m VERTICAL

Job No : 04609WM

Mode : 5530 Band edge

: 5G WIFI 11AC80 MIMO

		Cable	Ant	Preamp	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	5445.520	10.60	32.89	30.72	32.82	45.59	54.00	-8.41	Average
2	5530.000	10.53	32.90	30.69	72.42	85.16	-----	-----	Average

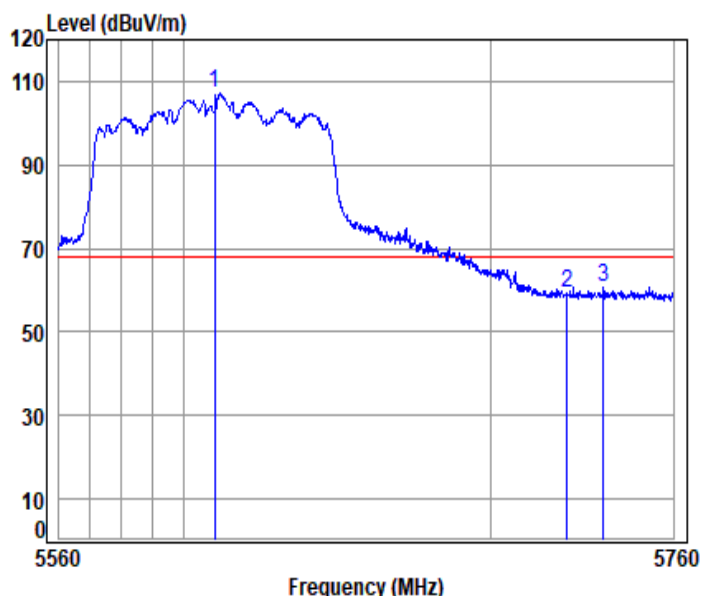
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SZEMC-TRF-01 Rev. A/1

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11ac_VHT(80M)_TX_CH_122_Horizontal-Peak



Condition: 3m HORIZONTAL

Job No : 04609WM

Mode : 5610 Band edge

: 5G WIFI 11AC80 MIMO

		Cable	Ant	Preamp	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	94.24	107.03	68.20	38.83	peak
2	5725.000	10.68	33.25	30.61	46.07	59.39	68.20	-8.81	peak
3	5736.841	10.73	33.27	30.61	47.39	60.78	68.20	-7.42	peak



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Shenzhen Branch Testing & Calibration Laboratory

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