

TEST REPORT

Application No.: SZCR2510004390WM
Applicant: TCL Communication Ltd.
Address of Applicant: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Manufacturer: TCL Communication Ltd.
Address of Manufacturer: 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong
Equipment Under Test (EUT):
EUT Description: GSM/UMTS/LTE/NR Mobile phone
Model No.: T807W
Trade Mark: TCL
FCC ID: 2ACCJH194
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2025-10-10
Date of Test: 2025-10-15 to 2025-11-19
Date of Issue: 2025-11-20

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



Keny Xu
EMC Laboratory Manager





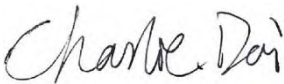
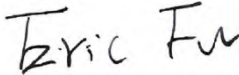
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR251000439006

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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-11-20		Original

Authorized for issue by:				
				
		Charlie Dai/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 (2020) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10 (2020) Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10 (2020) Section 6.6	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10 (2020) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Duty Cycle		ANSI C63.10 (2020) Section 12.2	ANSI C63.10 (2013) Section 12.2	Pass
99% Bandwidth		ANSI C63.10 (2020) Section 12.5.3	ANSI C63.10 (2013) Section 12.4.2	Pass
26dB Emission bandwidth		ANSI C63.10 (2020) Section 12.5.2	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB bandwidth (5.725-5.85 GHz band)		ANSI C63.10 (2020) Section 12.5.1	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Maximum Conducted output power		ANSI C63.10 (2020) Section 12.4	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Peak Power spectrum density		ANSI C63.10 (2020) Section 12.6	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Frequency Stability		ANSI C63.10 (2020) Section 6.8	47 CFR Part 15, Subpart E 15.407 (g)	Pass
Non-occupancy period		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Channel Move Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass



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4 General Information

4.1 Details of E.U.T.

EUT Description:	GSM/UMTS/LTE/NR Mobile phone	
Model No.:	T807W	
Trade Mark:	TCL	
Hardware Version:	03	
Software Version:	AX3V	
Power supply:	Powered by DC3.91V/5000mAh (Model: TLp050B7) by Rechargeable Li-ion Battery. Charged by USB port from 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 channel bandwidth
	802.11ax:	20 MHz / 40 MHz / 80 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)
Antenna Type:	Ant10: MDA Antenna Ant12: LDS Antenna	
Antenna Gain:	5150MHz to 5250MHz: -5.12dBi(Ant10); -5.79dBi(Ant12); 5250MHz to 5350MHz: -5.12dBi(Ant10); -5.79dBi(Ant12); 5470MHz to 5725MHz: -5.12dBi(Ant10); -5.79dBi(Ant12); 5725MHz to 5850MHz: -5.12dBi(Ant10); -5.79dBi(Ant12);	
	Note: The antenna gain are derived from the gain information report provided by the manufacturer.	
Smart System:	☒ SISO	802.11a/n/ac/ax
	☒ MIMO	802.11n/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	30.7-53.5 % RH Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	23.0~27.2	3.91
NTLV	23.0~27.2	3.6
NTHV	23.0~27.2	4.5
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.	FCC ID	Serial No.
Router	LINKSYS	WRT32X	Q87-WRT3200ACM	22C10609709105
Adapter	HONOR	HN-200500CP0	N/A	N/A
The EUT has been tested as an independent unit.				

4.4 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	$\pm 3.1\text{dB}$
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)	$\pm 3\%$
Maximum Conducted output power	$\pm 0.75\text{dB}$
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.



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4.5 Test Location

All tests were performed at:

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

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

No tests were sub-contracted.

4.6 Test Facility

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

• A2LA (Certificate No. 3816.01)

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

• VCCI (Member No. 1937)

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

• FCC –Designation Number: CN1336

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

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

• Innovation, Science and Economic Development Canada

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

CAB identifier: CN0006.

IC#: 4620C.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None



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5 Equipment List

Conducted Emissions at AC Power Line (150kHz-30MHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2025-05-07	2028-05-06
EMI Test Receiver	Rohde&Schwarz	ESR	SZ-WRG-M-047	2025-01-08	2026-01-07
Matching Pad	N/A	N/A	SEM021-23	2025-03-19	2026-03-18
Matching Pad	N/A	N/A	SEM021-24	2025-03-19	2026-03-18
Measurement Software	AUDIX	e3 V8.2014-6-27a	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2025-07-05	2026-07-04
LISN	Rohde&Schwarz	ENV216	SEM007-01	2025-07-25	2026-07-24
LISN	ETS-LINDGREN	3816/2	SEM007-02	2025-03-03	2026-03-02

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	2025-07-25	2026-07-24
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2025-08-29	2027-08-28
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2025-03-04	2026-03-03
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2025-07-05	2026-07-04

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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	2025-01-07	2026-01-06
Low Noise Amplifier 1G-18GHz	Tonscend	TAP01018050	SZ-WRG-M-051	2025-01-07	2026-01-06
Low Noise Amplifier 18G-40GHz	Tonscend	TAP18040048	SZ-WRG-M-052	2025-01-08	2026-01-07
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2023-12-21	2025-12-20
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2023-12-25	2025-12-24
RSE Test Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Humidity and Temperature Indicator	deli	8838	SEM002-46	2025-07-23	2026-07-22

Radiated Emissions which fall in the restricted bands					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV	SZ-WRG-M-048	2025-01-07	2026-01-06
Low Noise Amplifier 30M-8GHz	Tonscend	TAP30M8G30	SZ-WRG-M-050	2025-01-07	2026-01-06
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2023-12-21	2025-12-20
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2023-12-25	2025-12-24
RSE Test Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Humidity and Temperature Indicator	deli	8838	SEM002-46	2025-07-23	2026-07-22



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RF Conducted Test					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2025-07-24	2026-07-23
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2025-03-04	2026-03-03
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2025-09-10	2026-09-09
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2025-07-05	2026-07-04
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2025-03-03	2026-03-02
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2025-02-26	2026-02-25
Power Sensor	TST PASS	TSPS2023R	SEM009-26	2025-03-04	2026-03-03
Power Sensor	KEYSIGHT	U2021XA	SEM009-16	2025-03-04	2026-03-03

General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	deli	8838	SEM002-32	2025-07-23	2026-07-22
Humidity/ Temperature Indicator	deli	8838	SEM002-33	2025-07-23	2026-07-22
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2025-03-03	2026-03-02



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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

The antenna is Ant10: MDA Antenna, Ant12: LDS Antenna and no consideration of replacement. The best case gain of the antenna is

5150MHz to 5250MHz: -5.12dBi(Ant10); -5.79dBi(Ant12); *

5250MHz to 5350MHz: -5.12dBi(Ant10); -5.79dBi(Ant12);*

5470MHz to 5725MHz: -5.12dBi(Ant10); -5.79dBi(Ant12);*

5725MHz to 5850MHz: -5.12dBi(Ant10); -5.79dBi(Ant12);*

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.



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Cyclic Delay Diversity (CDD) System:

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

If all antennas have the same gain, G_{ANT} , Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,
Array Gain = $10 \log(N_{ANT}/N_{SS}=1)$ dB.
- For power measurements on IEEE 802.11 devices:
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

For power, the directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The Power and PSD limit should be modified if the directional gain of eut is over 6dbi.

The EUT supports CDD System.

Unequal antenna gain:

Operation Frequency	ANT Gain0 (dBi)	ANT Gain1 (dBi)	Directional gain For Power (dBi)	Directional gain For PSD (dBi)	Power Limit Reduction (dBm)	PSD Limit Reduction (dBm)
5150MHz to 5250MHz	-5.12	-5.79	-5.12	-2.44	0	0
5250MHz to 5350MHz	-5.12	-5.79	-5.12	-2.44	0	0
5470MHz to 5725MHz	-5.12	-5.79	-5.12	-2.44	0	0
5725MHz to 5850MHz	-5.12	-5.79	-5.12	-2.44	0	0

5150MHz to 5250MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

5250MHz to 5350MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

5470MHz to 5725MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

5725MHz to 5850MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0



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6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

Standard Requirement:

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

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

EUT Details:

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 (2020) Section 6.2
 Test Engineer: Kaito Zeng

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: 23.4 °C Humidity: 42.5 % RH Atmospheric Pressure: 1020 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	19	Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	20	Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	21	Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	22	Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a;



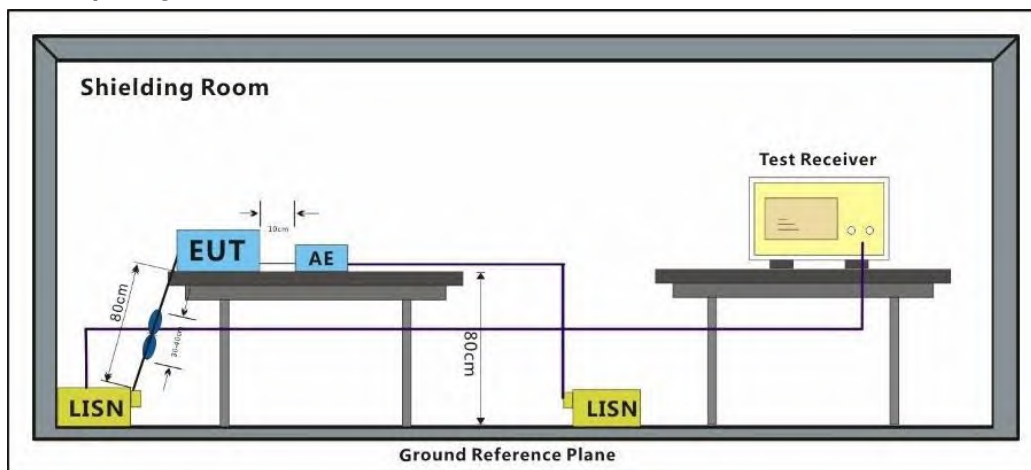
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		data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
--	--	--

7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

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

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

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

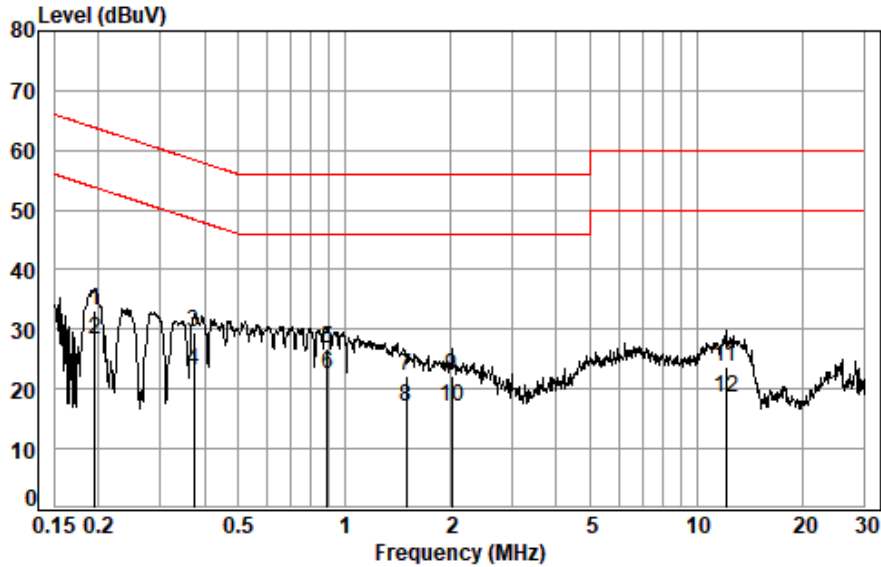
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Test Mode: 19; Line: Live line



Site : Shielding Room
Condition: Line
Job No. : 04390WM
Test mode: 19

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1955	0.07	10.13	23.04	33.24	63.80	-30.56	QP
2	0.1955	0.07	10.13	18.04	28.24	53.80	-25.56	Average
3 *	0.3731	0.08	9.72	19.69	29.49	58.43	-28.94	QP
4	0.3731	0.08	9.72	13.30	23.10	48.43	-25.33	Average
5	0.8944	0.11	9.60	16.96	26.67	56.00	-29.33	QP
6 *	0.8944	0.11	9.60	12.81	22.52	46.00	-23.48	Average
7	1.5033	0.12	9.58	12.60	22.30	56.00	-33.70	QP
8	1.5033	0.12	9.58	7.28	16.98	46.00	-29.02	Average
9	2.0225	0.12	9.58	12.57	22.27	56.00	-33.73	QP
10	2.0225	0.12	9.58	7.40	17.10	46.00	-28.90	Average
11	12.1240	0.16	9.80	13.70	23.66	60.00	-36.34	QP
12	12.1240	0.16	9.80	8.49	18.45	50.00	-31.55	Average



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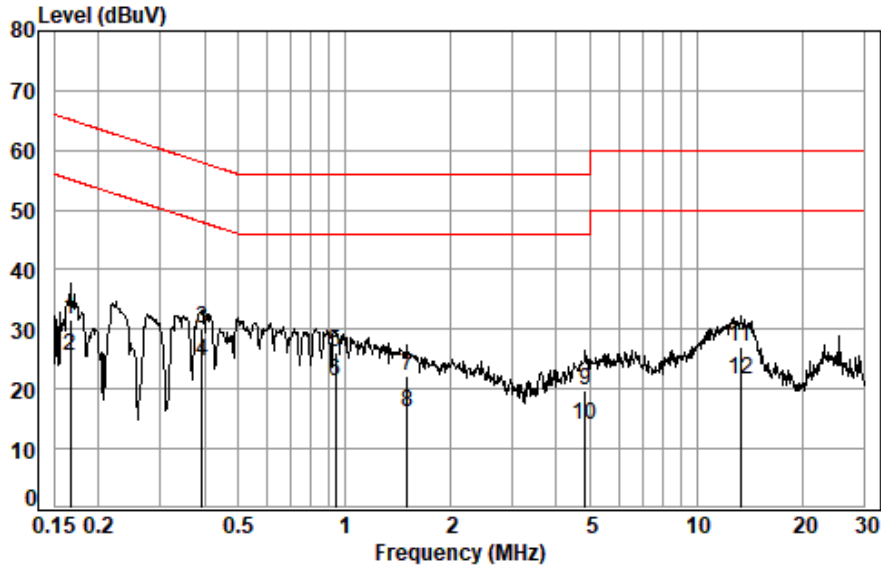
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Test Mode: 19; Line: Neutral Line



Site : Shielding Room
Condition: Neutral
Job No. : 04390WM
Test mode: 19

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.1668	0.06	10.12	21.37	31.55	65.12	-33.57	QP
2	0.1668	0.06	10.12	15.43	25.61	55.12	-29.51	Average
3 *	0.3934	0.09	9.74	20.26	30.09	57.99	-27.90	QP
4 *	0.3934	0.09	9.74	14.78	24.61	47.99	-23.38	Average
5	0.9431	0.11	9.56	16.55	26.22	56.00	-29.78	QP
6	0.9431	0.11	9.56	11.72	21.39	46.00	-24.61	Average
7	1.5113	0.12	9.55	12.54	22.21	56.00	-33.79	QP
8	1.5113	0.12	9.55	6.50	16.17	46.00	-29.83	Average
9	4.8224	0.14	9.56	9.95	19.65	56.00	-36.35	QP
10	4.8224	0.14	9.56	4.30	14.00	46.00	-32.00	Average
11	13.3372	0.16	9.77	17.27	27.20	60.00	-32.80	QP
12	13.3372	0.16	9.77	11.70	21.63	50.00	-28.37	Average



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7.2 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
 Test Method: ANSI C63.10 (2020) Section 6.4,6.5
 Measurement Distance: 3m
 Test Engineer: Kaito Zeng

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

7.2.1 E.U.T. Operation

Operating Environment:

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

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	15	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax/be 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	16	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax/be 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	17	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax/be 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	18	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and



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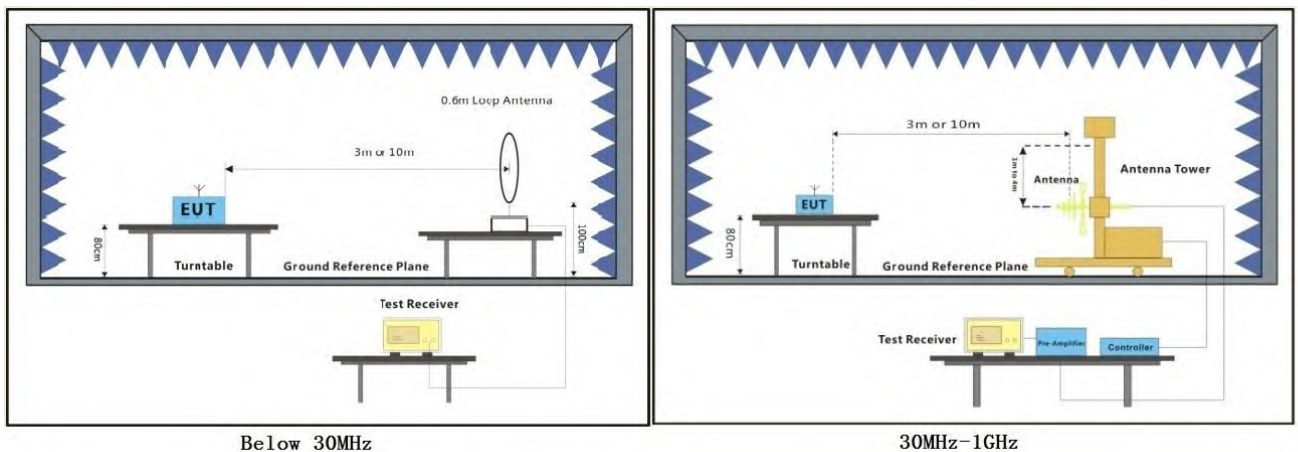
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		found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax/be 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	19	Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	20	Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	21	Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	22	Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 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 below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.



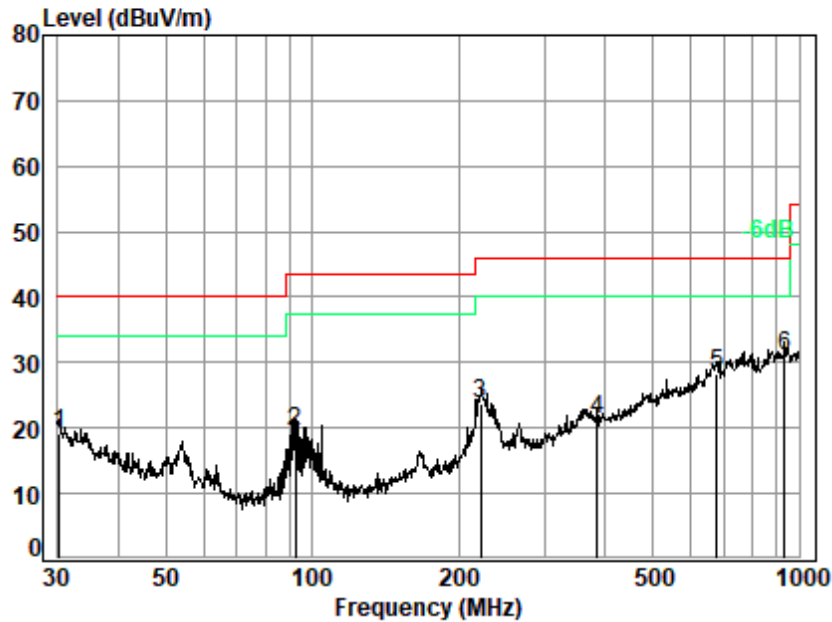
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Test Mode: 19; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 04390WM
Test Mode: 19

	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	30.211	21.10	0.74	27.65	25.06	19.25	40.00	-20.75 QP
2	92.139	11.92	1.19	27.60	33.86	19.37	43.50	-24.13 QP
3	222.170	15.40	1.81	27.72	34.22	23.71	46.00	-22.29 QP
4	385.281	20.89	2.44	27.72	25.57	21.18	46.00	-24.82 QP
5	677.580	25.78	3.34	27.89	26.99	28.22	46.00	-17.78 QP
6 q	935.546	28.18	4.05	26.76	25.66	31.13	46.00	-14.87 QP

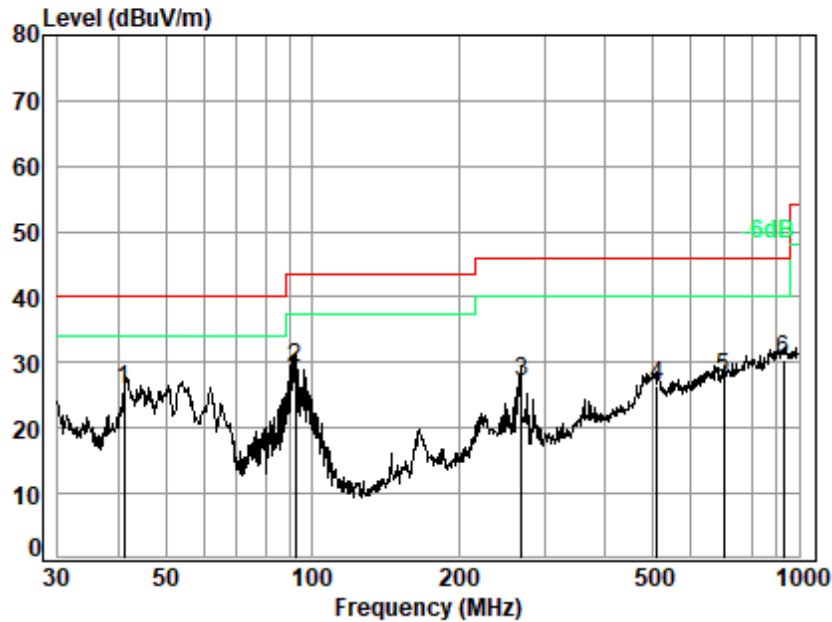
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Test Mode: 19; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 04390WM
Test Mode: 19

		Ant	Cable	Preamp	Read	Limit	Over	
	Freq	Factor	Loss	Factor	Level	Line	Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	q	41.132	15.83	0.83	27.64	36.92	25.94	40.00 -14.06 QP
2		92.139	11.92	1.19	27.60	43.73	29.24	43.50 -14.26 QP
3		268.485	17.09	2.00	27.58	35.60	27.11	46.00 -18.89 QP
4		510.044	23.17	2.84	27.96	28.52	26.57	46.00 -19.43 QP
5		699.305	25.93	3.41	27.83	26.04	27.55	46.00 -18.45 QP
6		929.008	28.16	4.04	26.80	24.92	30.32	46.00 -15.68 QP

7.3 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
 Test Method: ANSI C63.10 (2020) Section 6.6
 Measurement Distance: 3m
 Test Engineer: Xing Guo

Limit:

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

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

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

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

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

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

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

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 22.6 °C Humidity: 50.8 % RH Atmospheric Pressure: 1020 mbar



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7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	15	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax/be 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	16	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax/be 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	17	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax/be 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	18	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax/be 20/40/80/160, Only the data of worst case is recorded in the report.
Pre-scan	19	Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	20	Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	21	Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.
Pre-scan	22	Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac 20/40/80, Only the data of worst case is recorded in the report.



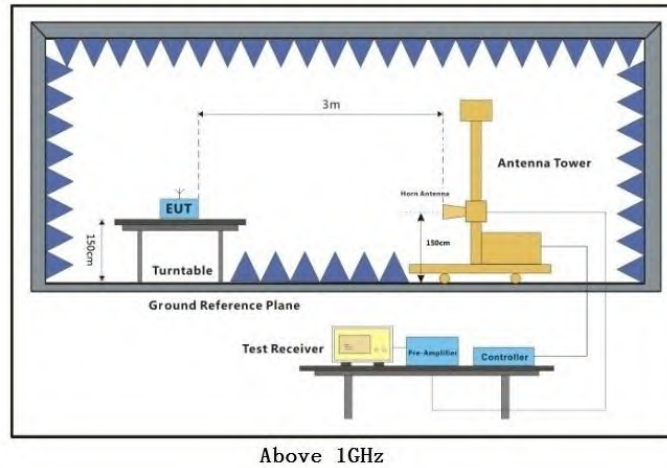
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7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

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

Remark:

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



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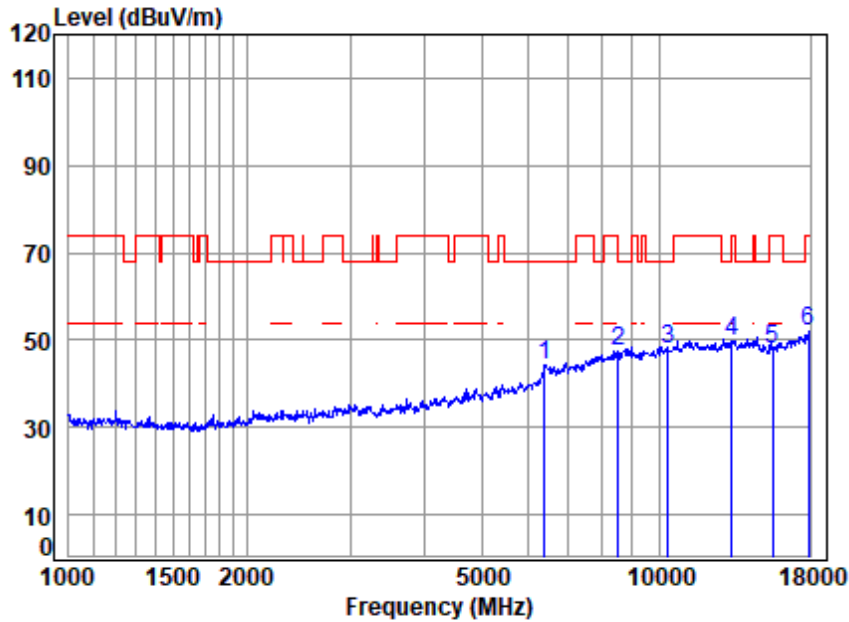
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Remark: Only retain the data of the worst-case 11a and 11ax(full RU) modes.

Test Mode: 15; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 04390WM

Mode : 5180 TX RSE

: 5G Wi-Fi 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6395.654	13.23	34.79	56.82	53.13	44.33	68.20	-23.87	Peak
2	8514.456	12.26	38.30	55.44	52.37	47.49	68.20	-20.71	Peak
3	10360.000	13.60	39.00	53.88	49.00	47.72	68.20	-20.48	peak
4	pp13249.930	16.11	40.25	54.48	48.04	49.92	68.20	-18.28	Peak
5	15540.000	17.00	38.56	54.14	46.71	48.13	74.00	-25.87	peak
6	17896.250	18.25	43.08	54.48	45.00	51.85	74.00	-22.15	Peak



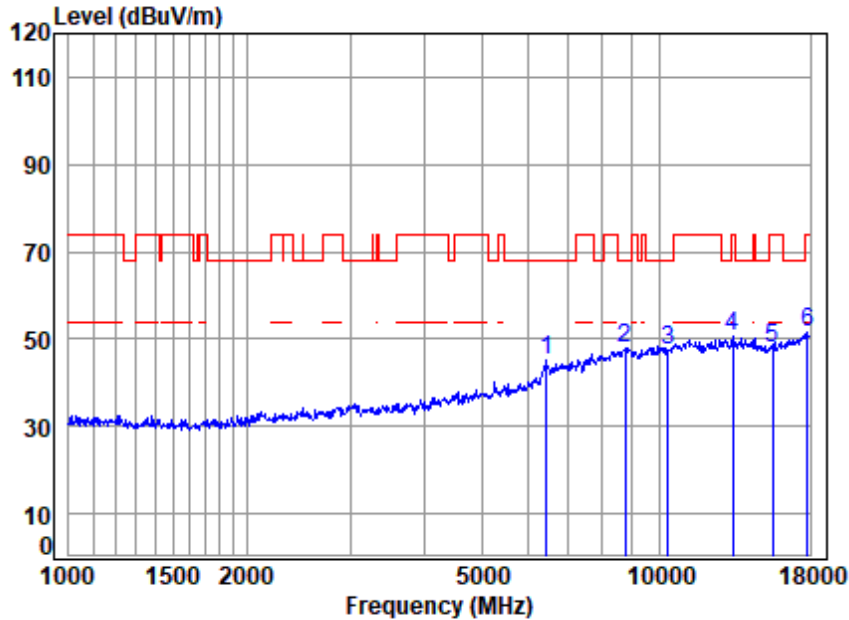
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Test Mode: 15; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 04390WM

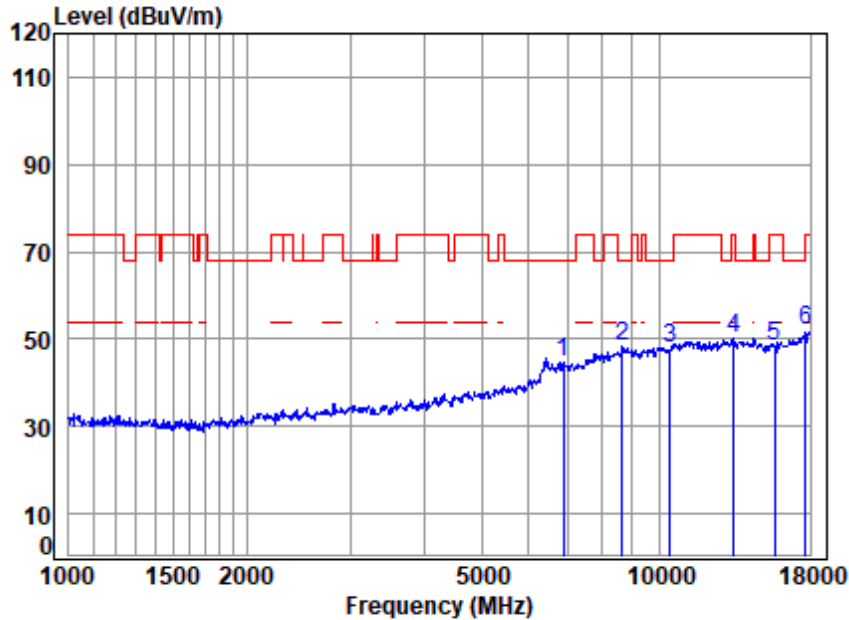
Mode : 5180 TX RSE

: 5G Wi-Fi 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6432.732	12.79	34.80	56.81	54.17	44.95	68.20	-23.25	Peak
2	8764.146	12.19	38.50	55.21	52.33	47.81	68.20	-20.39	Peak
3	10360.000	13.60	39.00	53.88	48.54	47.26	68.20	-20.94	peak
4	13326.750	16.37	40.30	54.47	48.25	50.45	74.00	-23.55	Peak
5	15540.000	17.00	38.56	54.14	46.58	48.00	74.00	-26.00	peak
6	17844.590	18.21	42.77	54.47	45.08	51.59	74.00	-22.41	Peak



Test Mode: 15; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 04390WM

Mode : 5220 TX RSE

: 5G Wi-Fi 11A

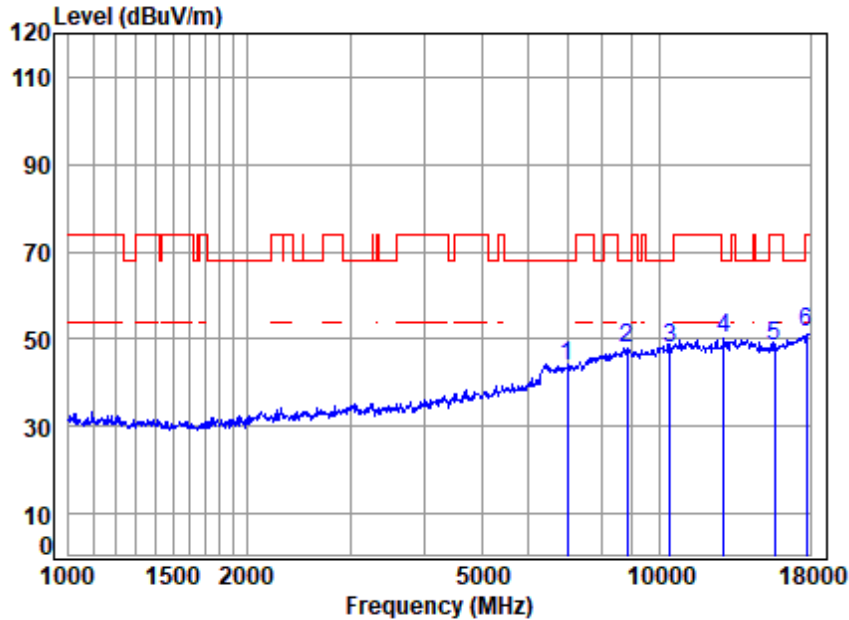
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6874.906	11.37	36.10	56.73	54.02	44.76	68.20	-23.44	peak
2	8663.404	12.04	38.45	55.30	53.03	48.22	68.20	-19.98	Peak
3	10440.000	13.63	39.04	53.84	48.87	47.70	68.20	-20.50	peak
4	13365.320	16.13	40.30	54.46	48.16	50.13	74.00	-23.87	peak
5	15660.000	17.23	38.56	54.10	46.86	48.55	74.00	-25.45	peak
6	pp17690.530	18.25	41.66	54.44	46.55	52.02	68.20	-16.18	peak



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Test Mode: 15; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 04390WM

Mode : 5220 TX RSE

: 5G Wi-Fi 11A

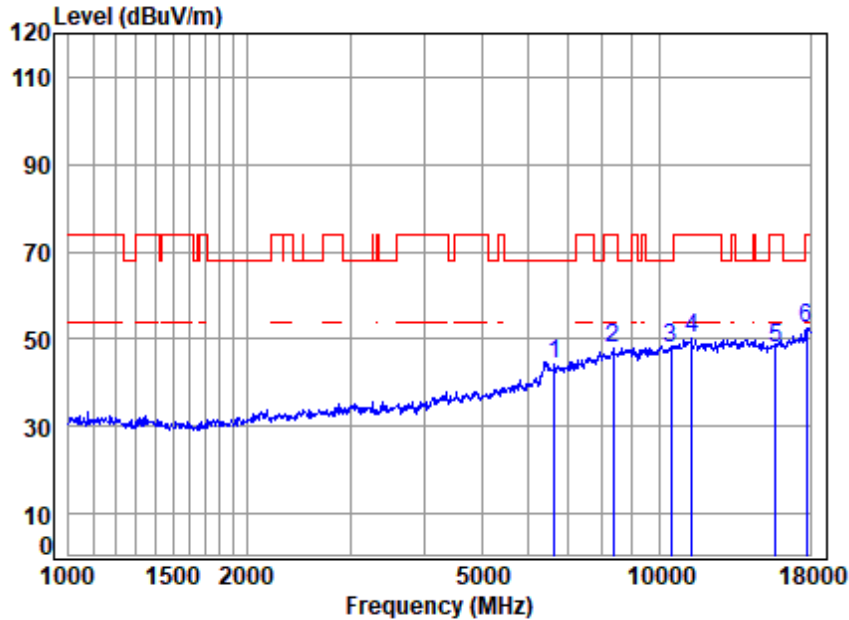
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6974.982	11.37	36.15	56.71	53.19	44.00	68.20	-24.20	peak
2	8814.957	12.25	38.50	55.17	52.30	47.88	68.20	-20.32	Peak
3	10440.000	13.63	39.04	53.84	49.20	48.03	68.20	-20.17	peak
4	pp12872.440	15.70	40.37	54.41	48.48	50.14	68.20	-18.06	peak
5	15660.000	17.23	38.56	54.10	46.80	48.49	74.00	-25.51	peak
6	17741.740	18.22	42.09	54.45	45.68	51.54	74.00	-22.46	peak



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Test Mode: 15; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 04390WM

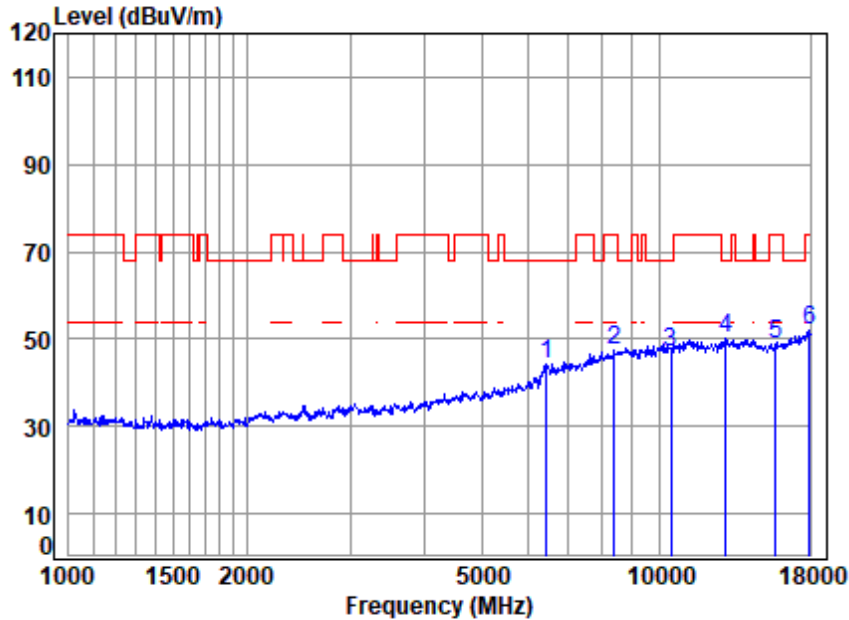
Mode : 5240 TX RSE

: 5G Wi-Fi 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6640.542	11.52	35.44	56.77	53.98	44.17	68.20	-24.03	peak
2	8343.918	11.70	38.60	55.59	53.41	48.12	74.00	-25.88	Peak
3	pp10480.000	13.64	39.08	53.81	48.80	47.71	68.20	-20.49	peak
4	11335.190	14.49	39.70	53.60	49.74	50.33	74.00	-23.67	peak
5	15720.000	17.22	38.58	54.08	46.33	48.05	74.00	-25.95	peak
6	17741.740	18.22	42.09	54.45	46.41	52.27	74.00	-21.73	peak



Test Mode: 15; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 04390WM

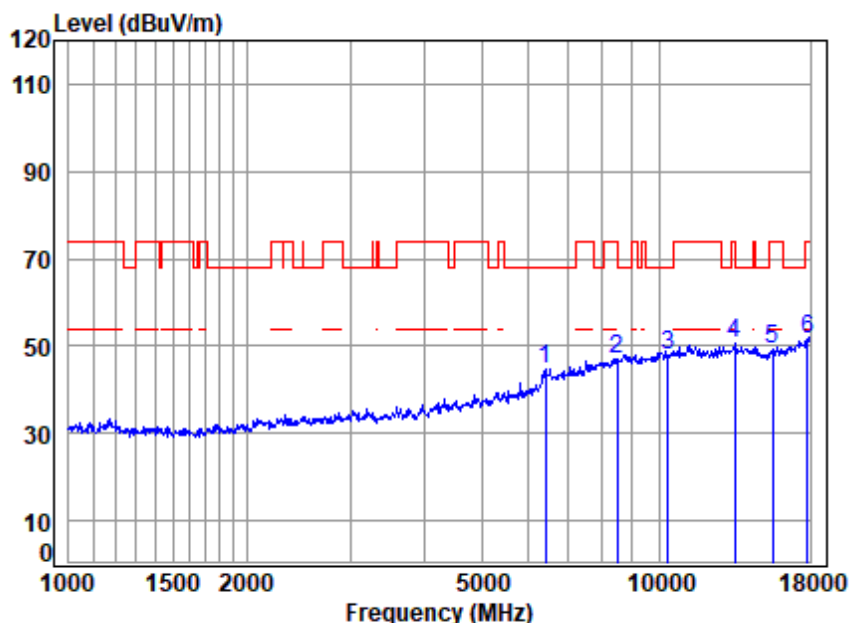
Mode : 5240 TX RSE

: 5G Wi-Fi 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6432.732	12.79	34.80	56.81	53.61	44.39	68.20	-23.81	Peak
2	8392.292	11.64	38.62	55.55	52.57	47.28	74.00	-26.72	Peak
3	10480.000	13.64	39.08	53.81	48.21	47.12	68.20	-21.08	peak
4	pp12947.070	15.84	40.35	54.46	48.69	50.42	68.20	-17.78	peak
5	15720.000	17.22	38.58	54.08	46.92	48.64	74.00	-25.36	peak
6	17948.050	18.30	43.44	54.49	44.62	51.87	74.00	-22.13	Peak



Test Mode: 15; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 04390WM

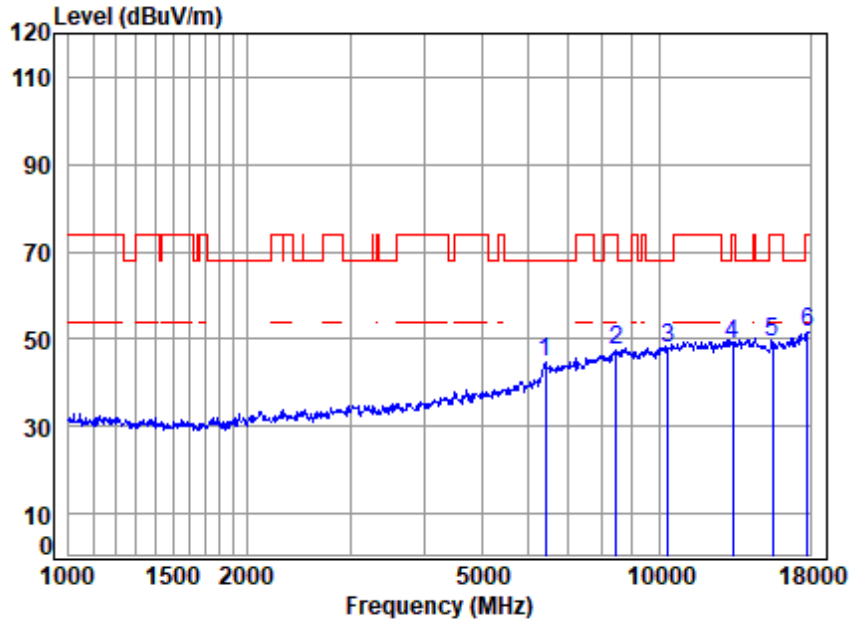
Mode : 5180 TX RSE

: 5G Wi-Fi 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6414.167	13.10	34.80	56.82	53.83	44.91	68.20	-23.29	Peak
2	8489.882	12.24	38.32	55.46	51.82	46.92	74.00	-27.08	Peak
3	10360.000	13.60	39.00	53.88	49.16	47.88	68.20	-20.32	peak
4	pp13404.010	15.91	40.29	54.46	48.84	50.58	68.20	-17.62	Peak
5	15540.000	17.00	38.56	54.14	47.74	49.16	74.00	-24.84	peak
6	17844.590	18.21	42.77	54.47	45.03	51.54	74.00	-22.46	Peak



Test Mode: 15; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 04390WM

Mode : 5180 TX RSE

: 5G Wi-Fi 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6414.167	13.10	34.80	56.82	53.62	44.70	68.20	-23.50	Peak
2	8465.379	12.08	38.37	55.48	52.43	47.40	74.00	-26.60	Peak
3	pp10360.000	13.60	39.00	53.88	49.21	47.93	68.20	-20.27	peak
4	13326.750	16.37	40.30	54.47	46.56	48.76	74.00	-25.24	Peak
5	15540.000	17.00	38.56	54.14	47.84	49.26	74.00	-24.74	peak
6	17844.590	18.21	42.77	54.47	45.00	51.51	74.00	-22.49	Peak



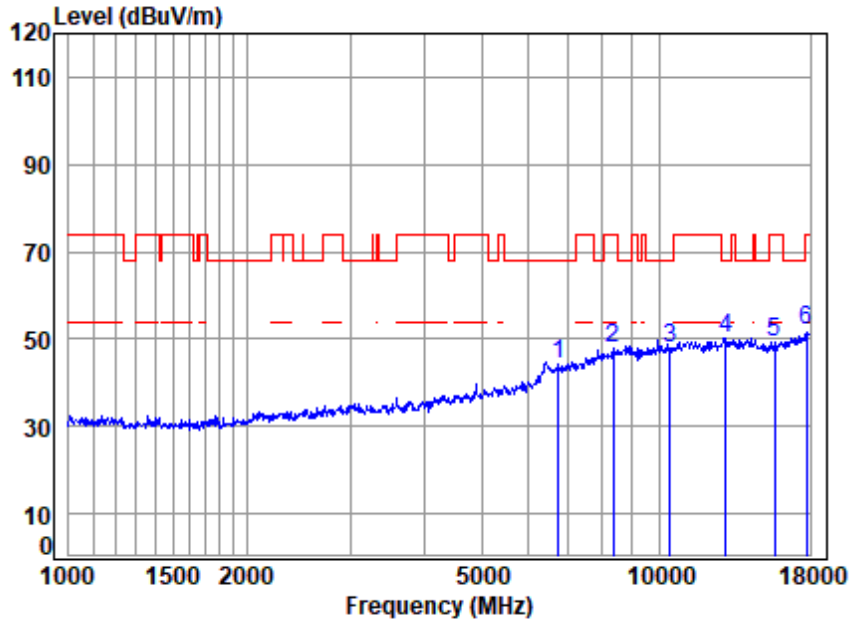
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR251000439006

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Test Mode: 15; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 04390WM

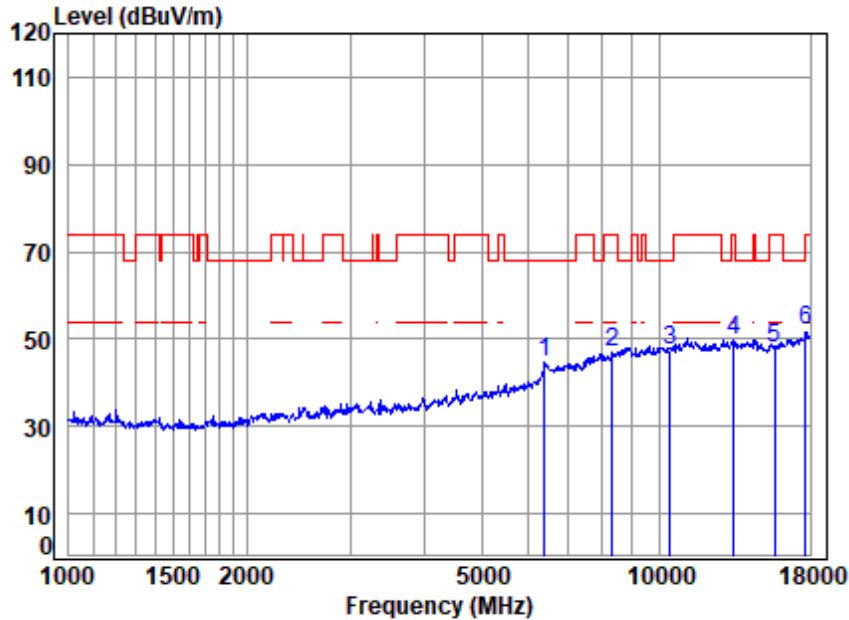
Mode : 5220 TX RSE

: 5G Wi-Fi 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6756.708	11.39	35.73	56.75	53.75	44.12	68.20	-24.08	peak
2	8343.918	11.70	38.60	55.59	53.01	47.72	74.00	-26.28	Peak
3	10440.000	13.63	39.04	53.84	49.24	48.07	68.20	-20.13	peak
4	pp12947.070	15.84	40.35	54.46	48.51	50.24	68.20	-17.96	peak
5	15660.000	17.23	38.56	54.10	47.47	49.16	74.00	-24.84	peak
6	17741.740	18.22	42.09	54.45	45.94	51.80	74.00	-22.20	peak



Test Mode: 15; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 04390WM

Mode : 5220 TX RSE

: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6395.654	13.23	34.79	56.82	53.71	44.91	68.20	-23.29	Peak
2	8319.836	11.73	38.22	55.61	52.58	46.92	74.00	-27.08	Peak
3	10440.000	13.63	39.04	53.84	48.47	47.30	68.20	-20.90	peak
4	13365.320	16.13	40.30	54.46	47.68	49.65	74.00	-24.35	Peak
5	15660.000	17.23	38.56	54.10	46.43	48.12	74.00	-25.88	peak
6	pp17690.530	18.25	41.66	54.44	46.50	51.97	68.20	-16.23	peak



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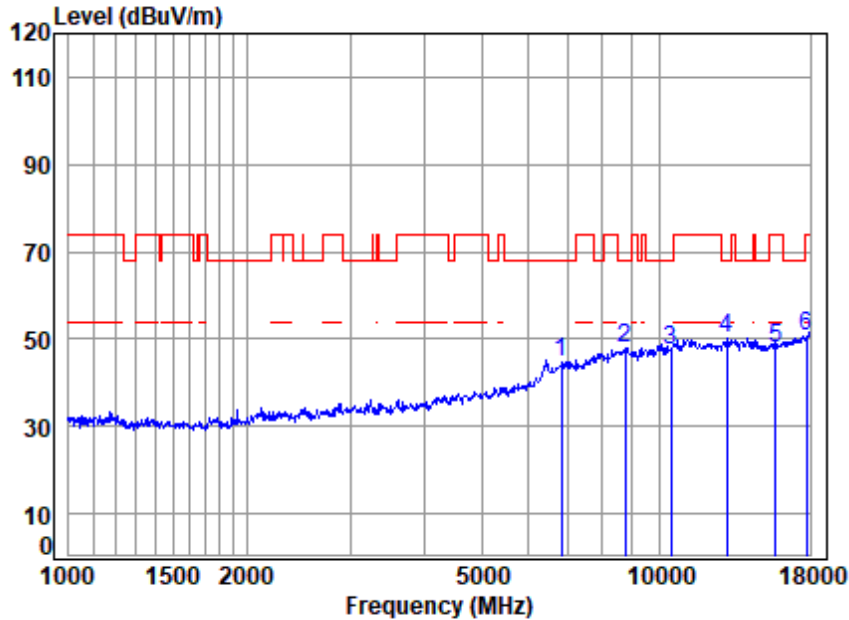
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR251000439006

Page: 40 of 663

Test Mode: 15; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 04390WM

Mode : 5240 TX RSE

: 5G Wi-Fi 11AX20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6835.278	11.37	35.97	56.73	54.22	44.83	68.20	-23.37	peak
2	8738.852	12.15	38.52	55.24	52.66	48.09	68.20	-20.11	Peak
3	10480.000	13.64	39.08	53.81	48.50	47.41	68.20	-20.79	peak
4	pp13022.130	15.82	40.30	54.50	48.50	50.12	68.20	-18.08	peak
5	15720.000	17.22	38.58	54.08	46.31	48.03	74.00	-25.97	peak
6	17741.740	18.22	42.09	54.45	44.80	50.66	74.00	-23.34	peak



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Shenzhen Branch (SZEMC) 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

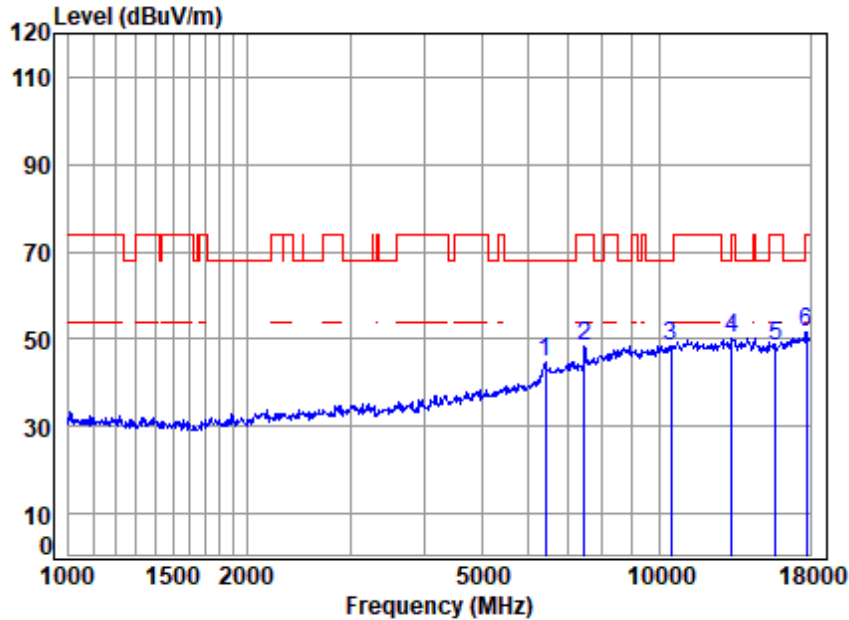
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR251000439006

Page: 41 of 663

Test Mode: 15; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 04390WM

Mode : 5240 TX RSE

: 5G Wi-Fi 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6414.167	13.10	34.80	56.82	53.42	44.50	68.20	-23.70	Peak
2	7476.006	11.29	36.80	56.32	56.78	48.55	74.00	-25.45	Peak
3	pp10480.000	13.64	39.08	53.81	49.44	48.35	68.20	-19.85	peak
4	13288.280	16.44	40.29	54.47	47.77	50.03	74.00	-23.97	peak
5	15720.000	17.22	38.58	54.08	46.43	48.15	74.00	-25.85	peak
6	17741.740	18.22	42.09	54.45	45.87	51.73	74.00	-22.27	peak



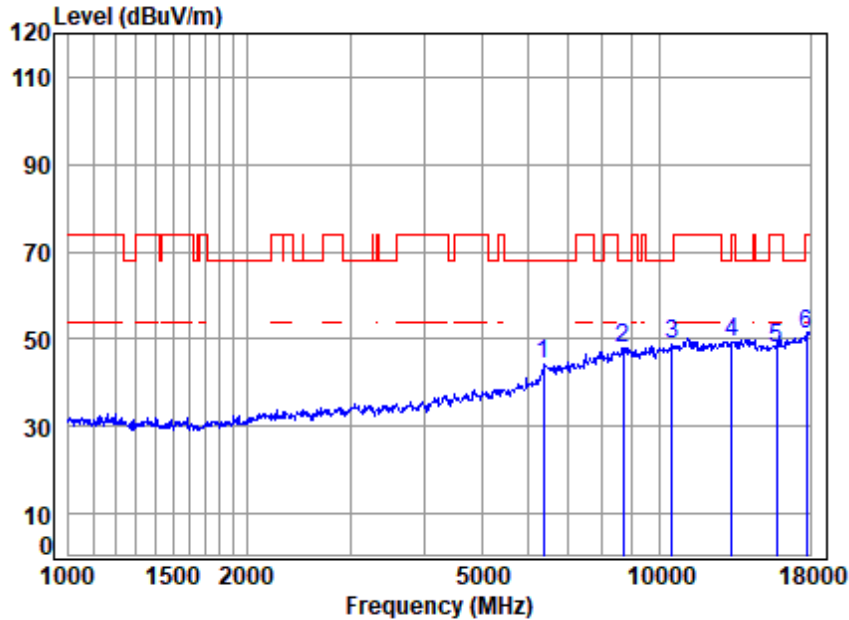
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Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 04390WM

Mode : 5260 TX RSE

: 5G Wi-Fi 11A

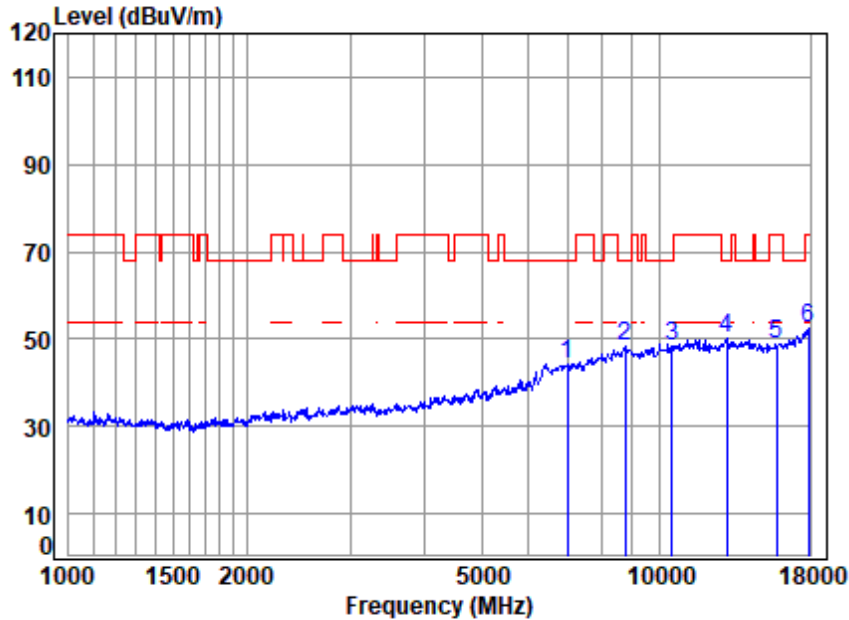
		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6377.195	12.74	34.75	56.82	53.60	44.27	68.20	-23.93	Peak
2	8688.480	12.08	38.55	55.28	52.64	47.99	68.20	-20.21	Peak
3	pp10520.000	13.63	39.14	53.79	49.81	48.79	68.20	-19.41	peak
4	13288.280	16.44	40.29	54.47	47.24	49.50	74.00	-24.50	Peak
5	15780.000	17.08	38.52	54.07	46.54	48.07	74.00	-25.93	peak
6	17741.740	18.22	42.09	54.45	45.33	51.19	74.00	-22.81	peak



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Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 04390WM

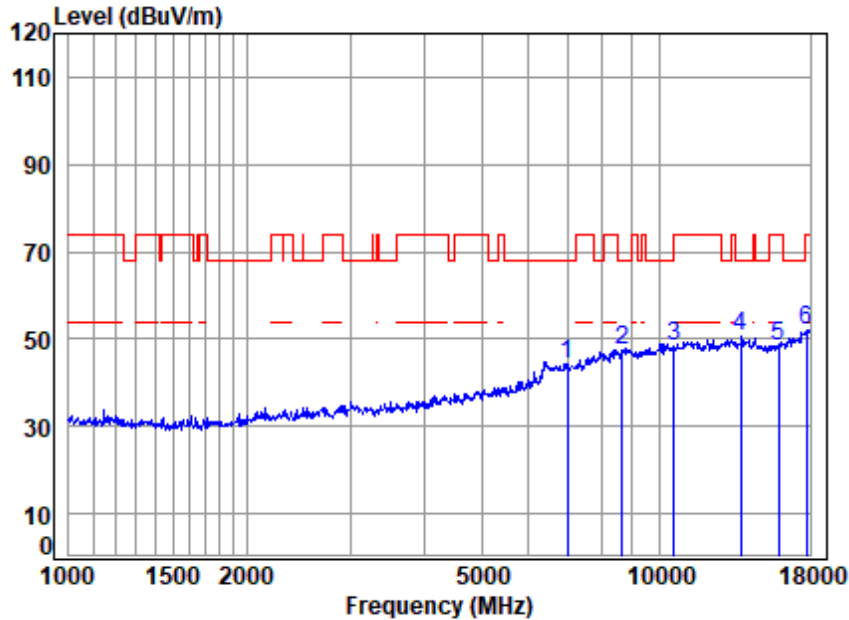
Mode : 5260 TX RSE

: 5G Wi-Fi 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz		dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6995.172	11.37	36.19	56.70	53.41	44.27	68.20	-23.93	peak
2	8738.852	12.15	38.52	55.24	53.12	48.55	68.20	-19.65	Peak
3	10520.000	13.63	39.14	53.79	49.23	48.21	68.20	-19.99	peak
4	pp12984.540	15.88	40.32	54.49	48.50	50.21	68.20	-17.99	peak
5	15780.000	17.08	38.52	54.07	47.36	48.89	74.00	-25.11	peak
6	17896.250	18.25	43.08	54.48	45.48	52.33	74.00	-21.67	Peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 04390WM

Mode : 5300 TX RSE

: 5G Wi-Fi 11A

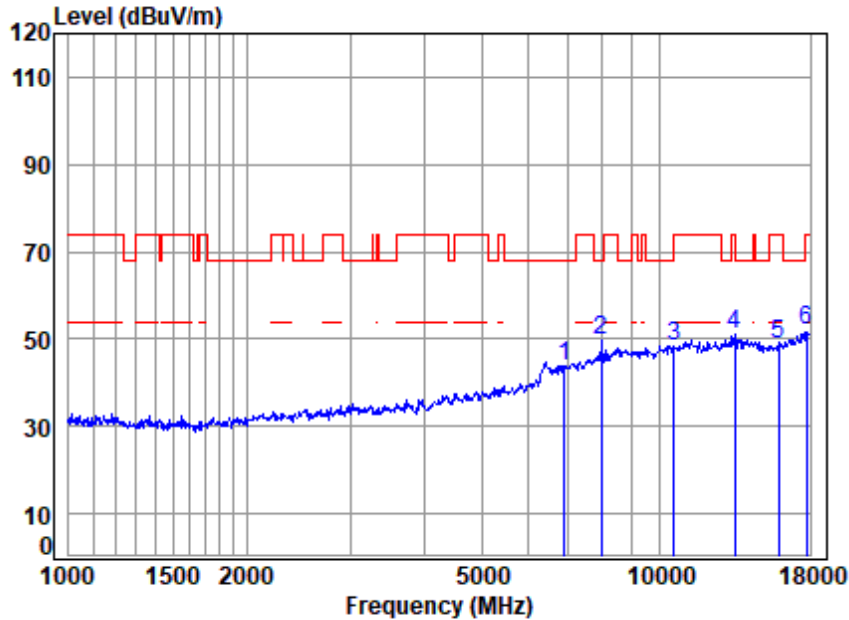
		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6974.982	11.37	36.15	56.71	53.64	44.45	68.20	-23.75	peak
2	8663.404	12.04	38.45	55.30	52.28	47.47	68.20	-20.73	Peak
3	10600.000	13.59	39.30	53.74	49.43	48.58	68.20	-19.62	peak
4	pp13757.270	16.15	39.94	54.42	48.80	50.47	68.20	-17.73	peak
5	15900.000	17.28	38.70	54.03	46.22	48.17	74.00	-25.83	peak
6	17741.740	18.22	42.09	54.45	46.06	51.92	74.00	-22.08	peak



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Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 04390WM

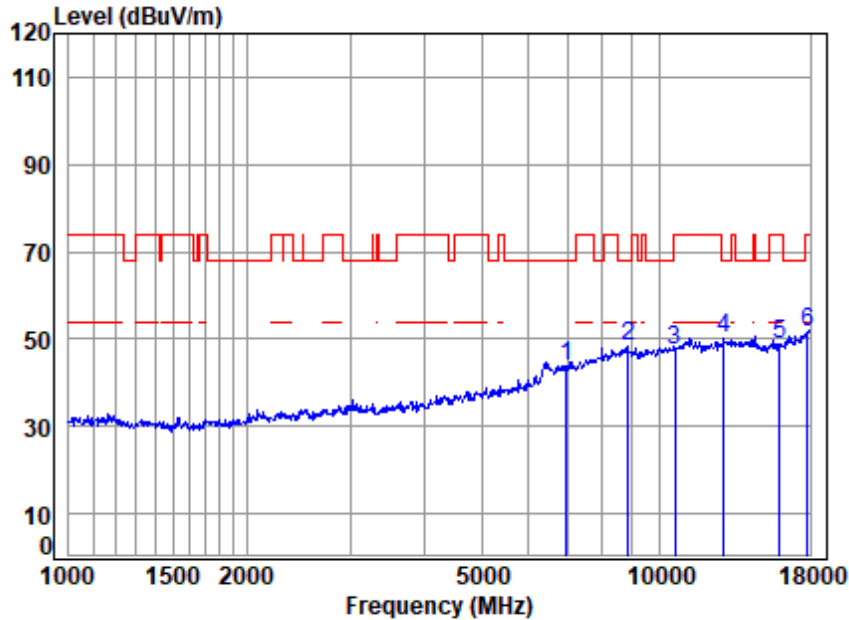
Mode : 5300 TX RSE

: 5G Wi-Fi 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6914.763	11.37	36.17	56.72	53.21	44.03	68.20	-24.17	peak
2	7989.893	11.56	37.78	55.91	56.43	49.86	68.20	-18.34	Peak
3	10600.000	13.59	39.30	53.74	49.34	48.49	68.20	-19.71	peak
4	pp13404.010	15.91	40.29	54.46	49.31	51.05	68.20	-17.15	peak
5	15900.000	17.28	38.70	54.03	46.75	48.70	74.00	-25.30	peak
6	17741.740	18.22	42.09	54.45	46.00	51.86	74.00	-22.14	peak



Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 04390WM

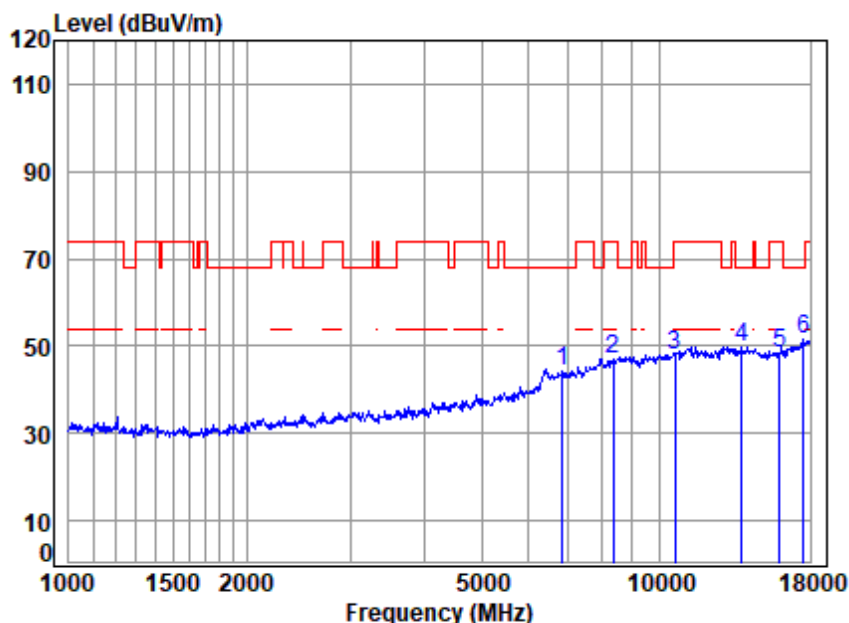
Mode : 5320 TX RSE

: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6954.852	11.37	36.11	56.71	53.21	43.98	68.20	-24.22	peak
2	8840.473	12.24	38.50	55.14	52.67	48.27	68.20	-19.93	Peak
3	10640.000	13.77	39.34	53.72	48.08	47.47	74.00	-26.53	peak
4	pp12872.440	15.70	40.37	54.41	48.38	50.04	68.20	-18.16	peak
5	15960.000	17.20	38.64	54.01	47.20	49.03	74.00	-24.97	peak
6	17844.590	18.21	42.77	54.47	44.91	51.42	74.00	-22.58	Peak



Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 04390WM

Mode : 5320 TX RSE

: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6855.063	11.37	36.02	56.73	53.74	44.40	68.20	-23.80	peak
2	8343.918	11.70	38.60	55.59	52.25	46.96	74.00	-27.04	Peak
3	10640.000	13.77	39.34	53.72	48.66	48.05	74.00	-25.95	peak
4	13797.090	15.97	39.90	54.42	48.47	49.92	68.20	-18.28	peak
5	15960.000	17.20	38.64	54.01	46.35	48.18	74.00	-25.82	peak
6	pp17537.800	18.07	40.67	54.41	47.33	51.66	68.20	-16.54	Peak



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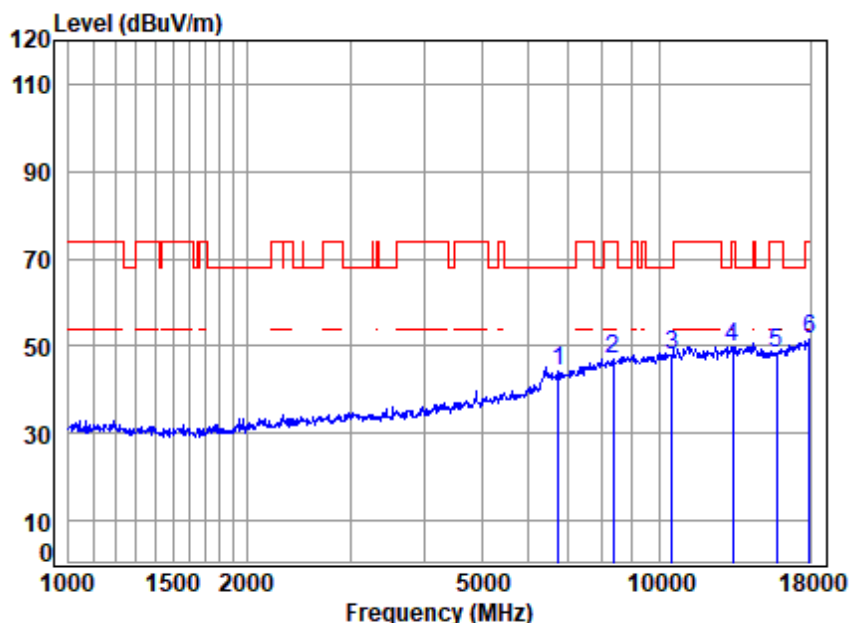
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR251000439006

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Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 04390WM

Mode : 5260 TX RSE

: 5G Wi-Fi 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6756.708	11.39	35.73	56.75	53.80	44.17	68.20	-24.03	peak
2	8343.918	11.70	38.60	55.59	52.07	46.78	74.00	-27.22	Peak
3	pp10520.000	13.63	39.14	53.79	48.73	47.71	68.20	-20.49	peak
4	13326.750	16.37	40.30	54.47	47.68	49.88	74.00	-24.12	peak
5	15780.000	17.08	38.52	54.07	46.73	48.26	74.00	-25.74	peak
6	17948.050	18.30	43.44	54.49	44.48	51.73	74.00	-22.27	Peak



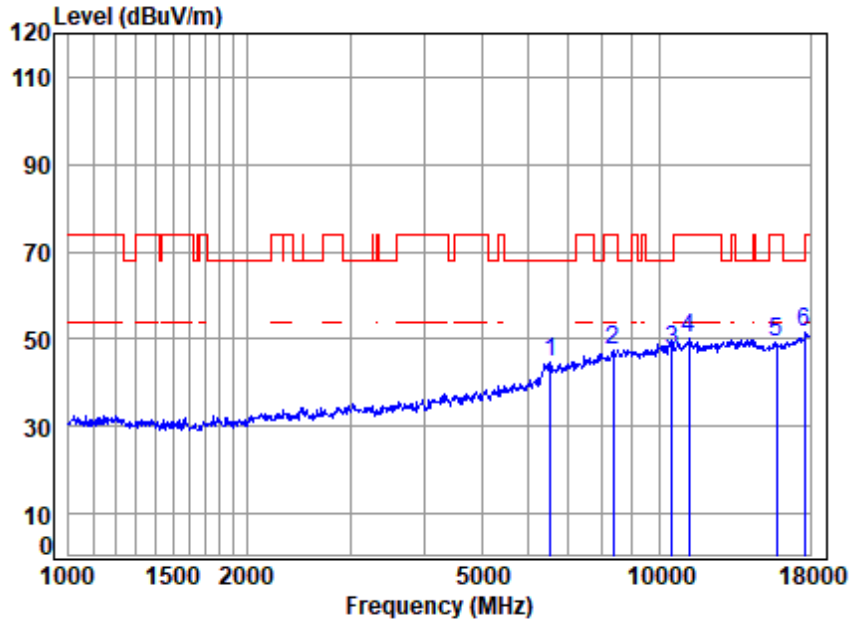
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Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 04390WM

Mode : 5260 TX RSE

: 5G Wi-Fi 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6545.263	11.64	34.99	56.79	54.73	44.57	68.20	-23.63	peak
2	8368.069	11.67	38.66	55.57	52.62	47.38	74.00	-26.62	Peak
3	10520.000	13.63	39.14	53.79	48.69	47.67	68.20	-20.53	peak
4	11204.900	14.75	39.60	53.56	49.59	50.38	74.00	-23.62	peak
5	15780.000	17.08	38.52	54.07	47.93	49.46	74.00	-24.54	peak
6	pp17639.470	18.19	40.89	54.43	46.96	51.61	68.20	-16.59	Peak



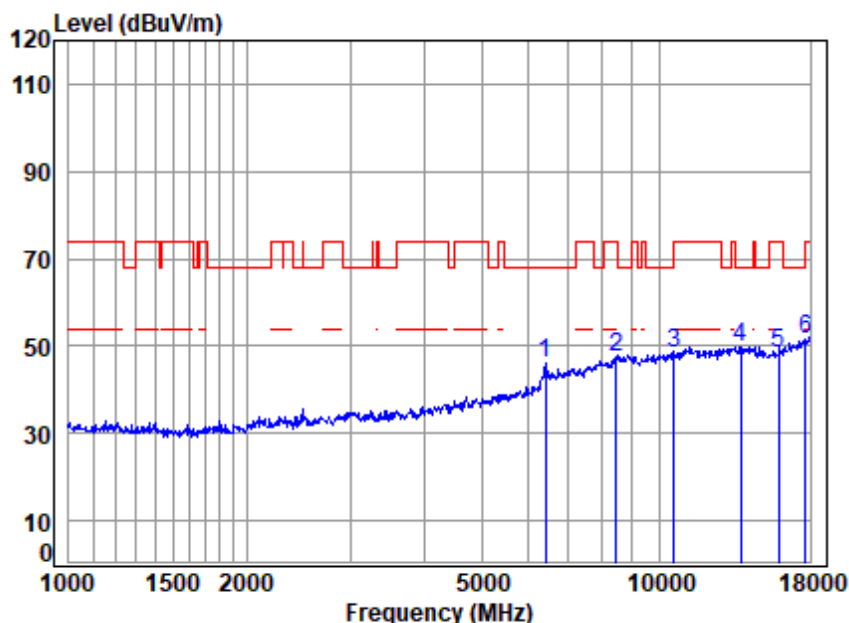
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Report No.: SZCR251000439006

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Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 04390WM

Mode : 5300 TX RSE

: 5G Wi-Fi 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6414.167	13.10	34.80	56.82	55.19	46.27	68.20	-21.93	Peak
2	8465.379	12.08	38.37	55.48	52.42	47.39	74.00	-26.61	Peak
3	10600.000	13.59	39.30	53.74	49.24	48.39	68.20	-19.81	peak
4	13717.560	16.33	39.98	54.43	48.00	49.88	68.20	-18.32	peak
5	15900.000	17.28	38.70	54.03	46.56	48.51	74.00	-25.49	peak
6	pp17690.530	18.25	41.66	54.44	46.03	51.50	68.20	-16.70	peak



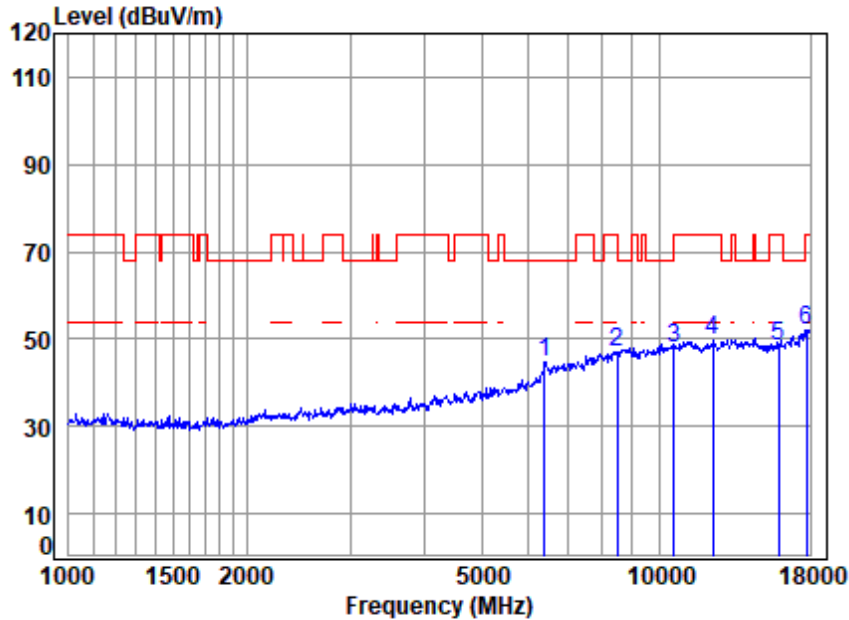
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR251000439006

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Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 04390WM

Mode : 5300 TX RSE

: 5G Wi-Fi 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6395.654	13.23	34.79	56.82	53.51	44.71	68.20	-23.49	Peak
2	8489.882	12.24	38.32	55.46	52.11	47.21	74.00	-26.79	Peak
3	pp10600.000	13.59	39.30	53.74	48.84	47.99	68.20	-20.21	peak
4	12326.270	14.96	39.83	54.03	48.89	49.65	74.00	-24.35	peak
5	15900.000	17.28	38.70	54.03	46.20	48.15	74.00	-25.85	peak
6	17741.740	18.22	42.09	54.45	46.27	52.13	74.00	-21.87	peak



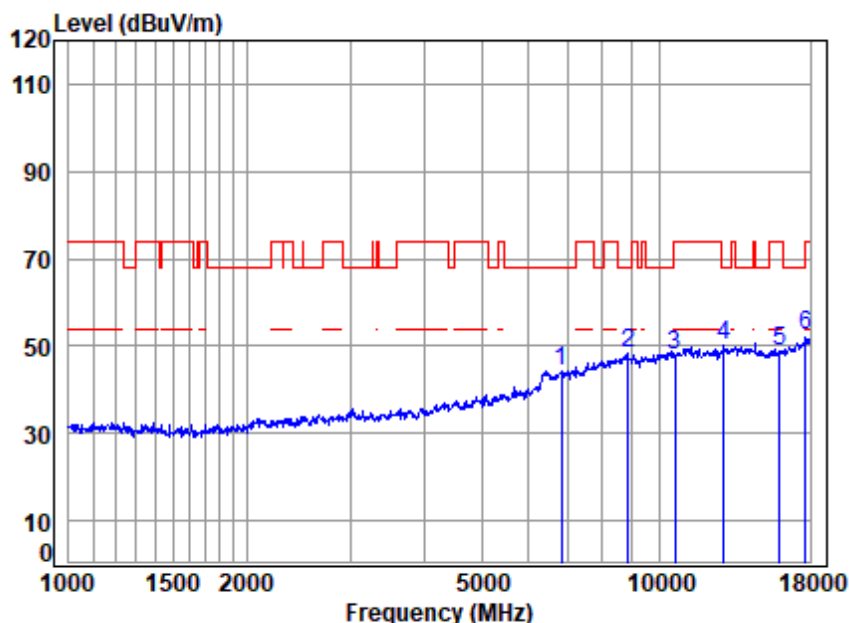
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Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 04390WM

Mode : 5320 TX RSE

: 5G Wi-Fi 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6815.551	11.37	35.93	56.74	53.77	44.33	68.20	-23.87	peak
2	8840.473	12.24	38.50	55.14	52.91	48.51	68.20	-19.69	Peak
3	10640.000	13.77	39.34	53.72	48.52	47.91	74.00	-26.09	peak
4	12872.440	15.70	40.37	54.41	48.46	50.12	68.20	-18.08	peak
5	15960.000	17.20	38.64	54.01	47.01	48.84	74.00	-25.16	peak
6	pp17690.530	18.25	41.66	54.44	47.02	52.49	68.20	-15.71	peak



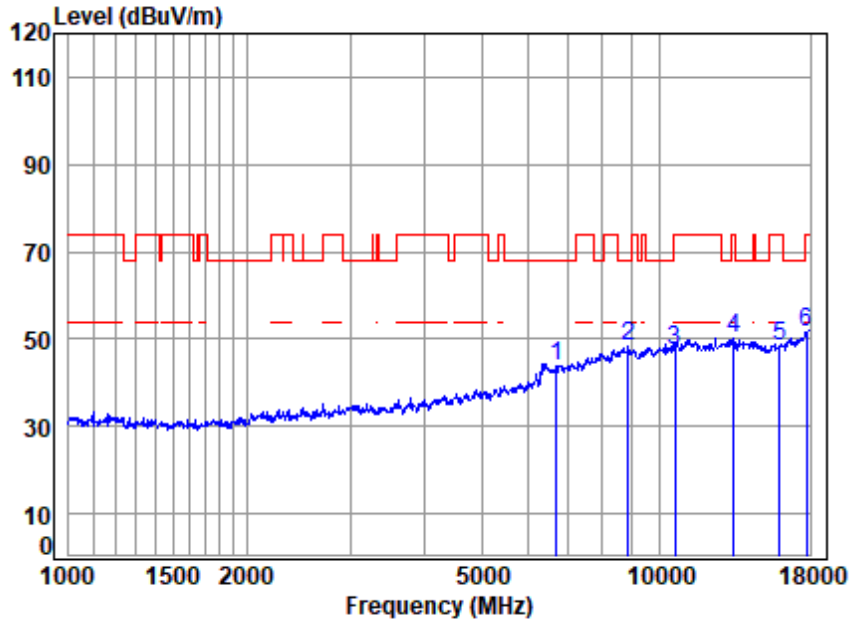
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Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 04390WM

Mode : 5320 TX RSE

: 5G Wi-Fi 11AX20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6698.373	11.41	35.40	56.76	53.97	44.02	68.20	-24.18	peak
2	8840.473	12.24	38.50	55.14	52.86	48.46	68.20	-19.74	Peak
3	10640.000	13.77	39.34	53.72	48.14	47.53	74.00	-26.47	peak
4	13365.320	16.13	40.30	54.46	48.09	50.06	74.00	-23.94	peak
5	15960.000	17.20	38.64	54.01	46.49	48.32	74.00	-25.68	peak
6	17741.740	18.22	42.09	54.45	45.76	51.62	74.00	-22.38	peak



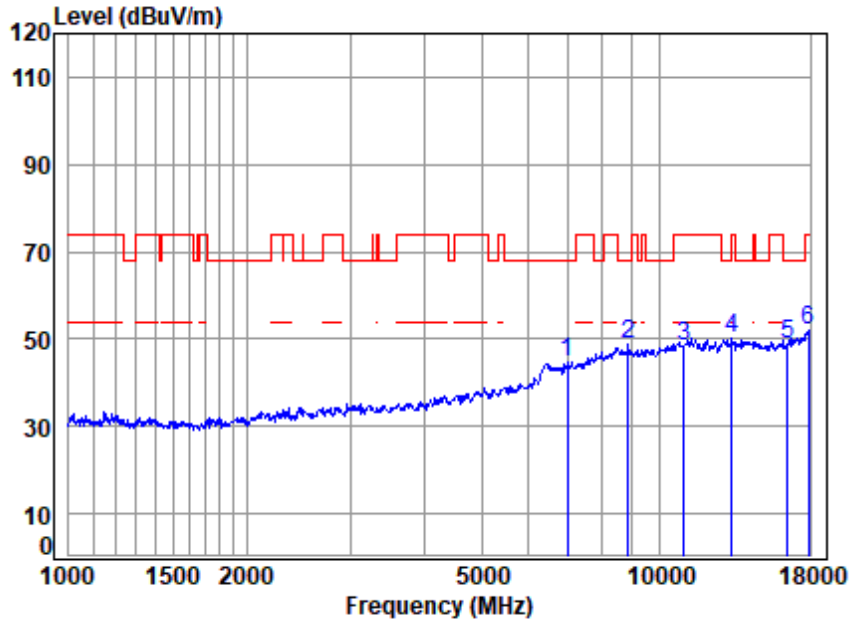
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Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m HORIZONTAL

Job No : 04390WM

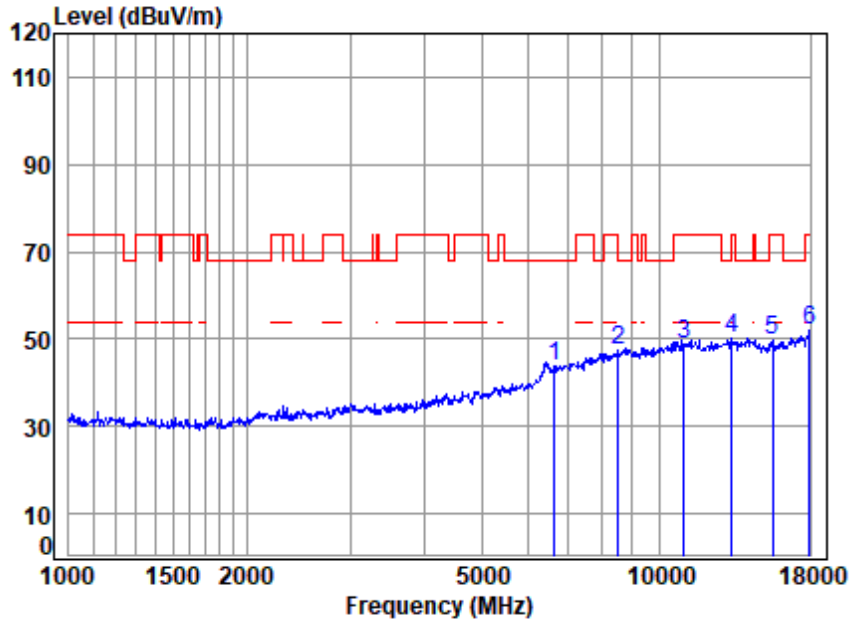
Mode : 5500 TX RSE

: 5G Wi-Fi 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6974.982	11.37	36.15	56.71	53.92	44.73	68.20	-23.47	peak
2	8866.062	12.23	38.53	55.12	52.98	48.62	68.20	-19.58	Peak
3	11000.000	14.17	39.40	53.50	48.50	48.57	74.00	-25.43	peak
4	pp13249.930	16.11	40.25	54.48	48.20	50.08	68.20	-18.12	Peak
5	16500.000	17.74	38.90	54.15	46.53	49.02	68.20	-19.18	peak
6	17896.250	18.25	43.08	54.48	45.13	51.98	74.00	-22.02	Peak



Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Condition: 3m VERTICAL

Job No : 04390WM

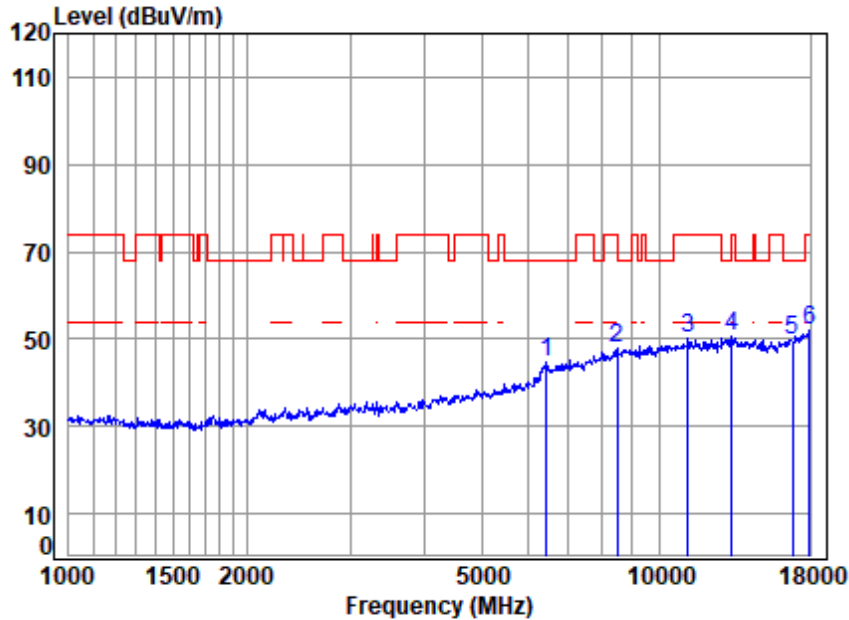
Mode : 5500 TX RSE

: 5G Wi-Fi 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6640.542	11.52	35.44	56.77	53.69	43.88	68.20	-24.32	peak
2	8514.456	12.26	38.30	55.44	52.38	47.50	68.20	-20.70	Peak
3	11000.000	14.17	39.40	53.50	48.75	48.82	74.00	-25.18	peak
4	13288.280	16.44	40.29	54.47	47.89	50.15	74.00	-23.85	peak
5	15532.940	16.98	38.57	54.14	48.21	49.62	74.00	-24.38	Peak
6	17948.050	18.30	43.44	54.49	44.77	52.02	74.00	-21.98	Peak



Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m HORIZONTAL

Job No : 04390WM

Mode : 5600 TX RSE

: 5G Wi-Fi 11A

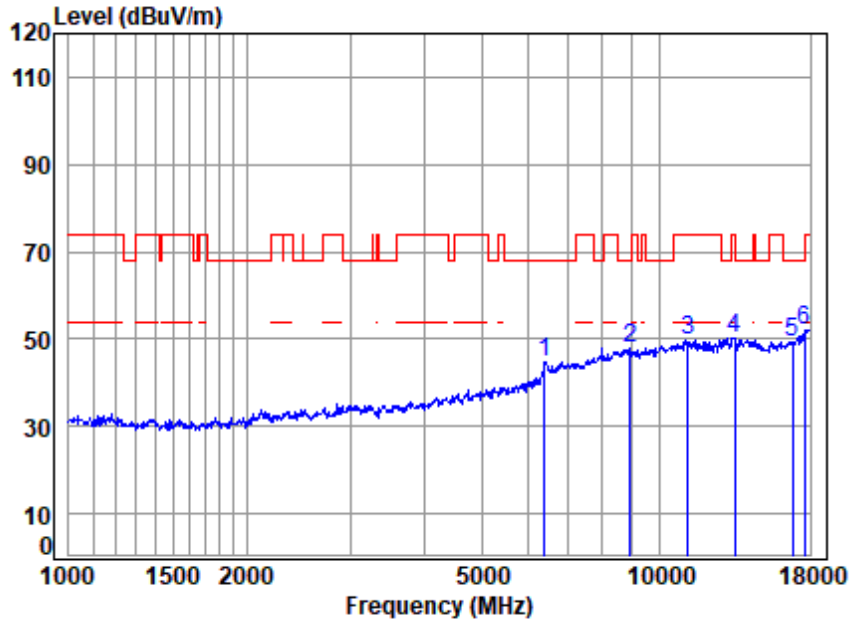
		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6451.353	12.48	34.80	56.81	54.26	44.73	68.20	-23.47	Peak
2	8489.882	12.24	38.32	55.46	52.86	47.96	74.00	-26.04	peak
3	11200.000	14.76	39.60	53.56	49.35	50.15	74.00	-23.85	peak
4	13288.280	16.44	40.29	54.47	48.39	50.65	74.00	-23.35	Peak
5	pp16800.000	17.46	39.60	54.24	47.10	49.92	68.20	-18.28	peak
6	17948.050	18.30	43.44	54.49	44.54	51.79	74.00	-22.21	Peak



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Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Condition: 3m VERTICAL

Job No : 04390WM

Mode : 5600 TX RSE

: 5G Wi-Fi 11A

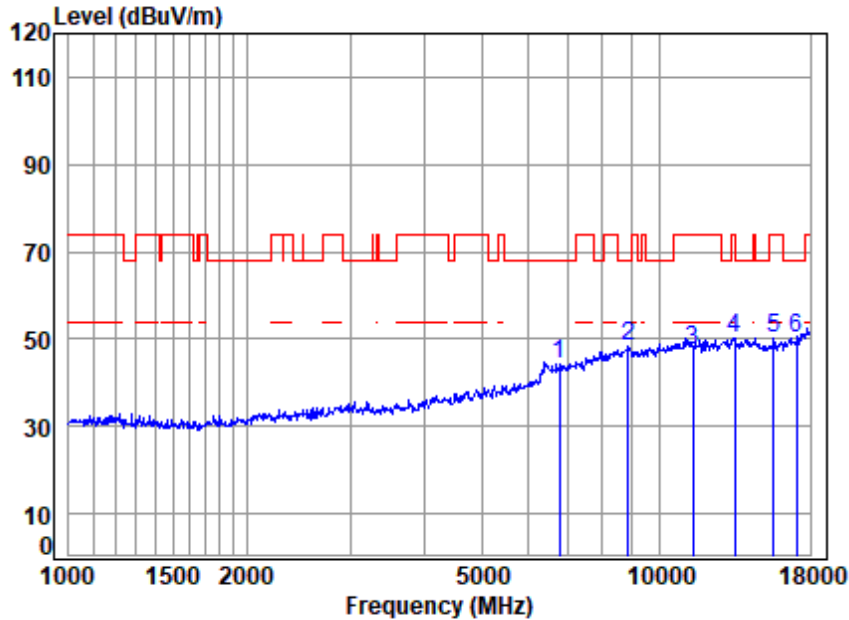
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6395.654	13.23	34.79	56.82	53.67	44.87	68.20	-23.33	Peak
2	8917.462	12.21	38.57	55.07	52.14	47.85	68.20	-20.35	peak
3	11200.000	14.76	39.60	53.56	48.77	49.57	74.00	-24.43	peak
4	13404.010	15.91	40.29	54.46	48.49	50.23	68.20	-17.97	Peak
5	16800.000	17.46	39.60	54.24	46.66	49.48	68.20	-18.72	peak
6	pp17639.470	18.19	40.89	54.43	47.43	52.08	68.20	-16.12	Peak



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Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 04390WM

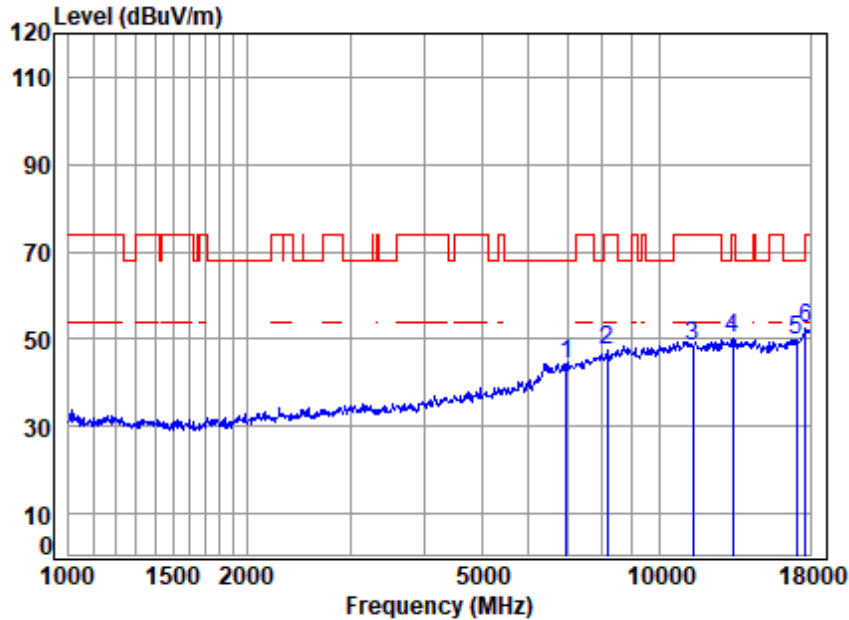
Mode : 5700 TX RSE

: 5G Wi-Fi 11A

		Cable	Ant	Preamp	Read		Limit	Over	
Freq		Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6776.265	11.38	35.81	56.74	53.91	44.36	68.20	-23.84	peak
2	8840.473	12.24	38.50	55.14	52.76	48.36	68.20	-19.84	Peak
3	11400.000	14.21	39.70	53.62	47.33	47.62	74.00	-26.38	peak
4	13442.810	15.87	40.21	54.46	48.59	50.21	68.20	-17.99	peak
5	15622.990	17.19	38.52	54.11	48.72	50.32	74.00	-23.68	Peak
6	pp17100.000	18.47	39.80	54.32	46.31	50.26	68.20	-17.94	peak



Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m VERTICAL

Job No : 04390WM

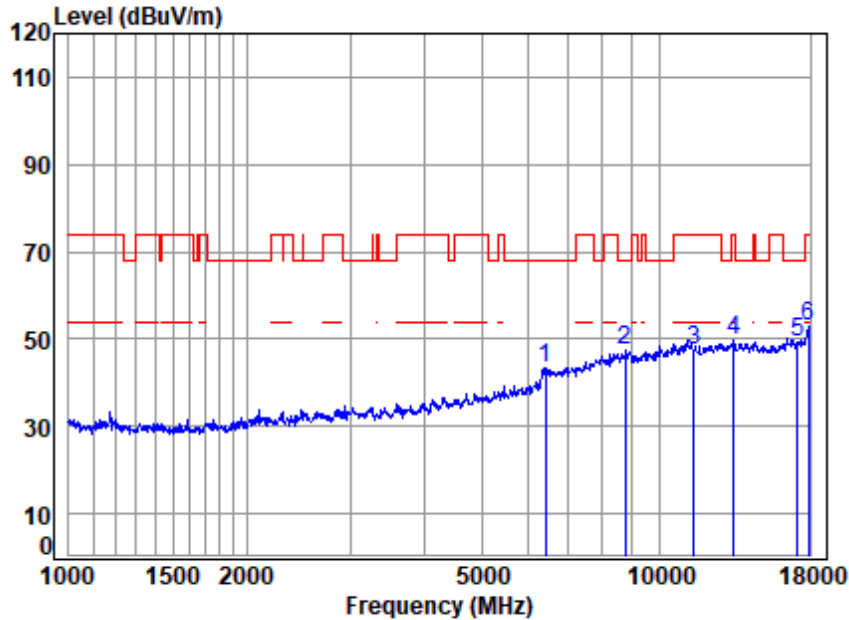
Mode : 5700 TX RSE

: 5G Wi-Fi 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6954.852	11.37	36.11	56.71	53.70	44.47	68.20	-23.73	peak
2	8176.795	11.54	37.95	55.74	53.88	47.63	74.00	-26.37	Peak
3	11400.000	14.21	39.70	53.62	48.20	48.49	74.00	-25.51	peak
4	13326.750	16.37	40.30	54.47	48.01	50.21	74.00	-23.79	peak
5	17100.000	18.47	39.80	54.32	45.69	49.64	68.20	-18.56	peak
6	pp17690.530	18.25	41.66	54.44	46.88	52.35	68.20	-15.85	Peak



Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Condition: 3m HORIZONTAL

Job No : 04390WM

Mode : 5720 TX RSE

: 5G Wi-Fi 11A

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	6414.167	13.10	34.80	56.82	52.25	43.33	68.20	-24.87	Peak
2	8764.146	12.19	38.50	55.21	51.82	47.30	68.20	-20.90	Peak
3	11440.000	14.55	39.66	53.63	47.07	47.65	74.00	-26.35	peak
4	13365.320	16.13	40.30	54.46	47.59	49.56	74.00	-24.44	Peak
5	pp17160.000	18.08	39.86	54.33	45.44	49.05	68.20	-19.15	peak
6	17896.250	18.25	43.08	54.48	46.29	53.14	74.00	-20.86	Peak

