

TEST REPORT

EUT Description	Roku TV Smart Projector
Brand Name	N/A
Model Name	KJM-K201
Additional Model No	C7,C8,C9,M7,M8,M9
FCC ID	2BU2U-K201
Date of Test Start/End	2026-08-15 / 2026-09-15

Applicant	Shenzhen Kejinming Electronic Co.,Ltd.
Address	1F-6F, Building B7, Yintian Industrial Zone, Yantian Community, Xixiang Street, Bao'an District, Shenzhen, China.
Manufacturers	Same as Application
Address	Same as Application
Factory	Huizhou Kejinming Electronics Co.,Ltd
Address	Building 1, Kejinming Industrial Park, No. 4, Yingshan Second Road, Shanbei Village, Lilin Town,Zhongkai Hi tech Zone,Huizhou

Reference Standards	47 CFR Part 15, Subpart E 15.407 (see section 1)
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Test Report identification	RL20260807001EC Rev. 00
Revision Control	This test report revision replaces any previous test report revision. (see Document Changes)

Test Result:	Pass*
*The EUT complied with the test item(s) of the above standard (s), refer to the test summary for details.	

Authorized for issue by:

 Jim Chen / Project Engineer	 Jason Li / Reviewer
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Document Changes

Status	Date of issue	Revision	Description of the performed changes
Active	2026-09-18	Rev. 00	None (original version).



2 Test Summary

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

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 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 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Duty Cycle		ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 Section 12.2	ANSI C63.10 (2015) Section 12.2	Pass
99% Bandwidth		ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 Section 12.5.3	ANSI C63.10 (2013) Section 12.4.2	Pass
26dB Emission bandwidth		ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 Section 12.5.2	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB bandwidth (5.725-5.85 GHz band)		ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 Section 12.5.1	47 CFR Part 15, Subpart E 15.407 (e)	Pass



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Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Maximum Conducted output power		ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 Section 12.4	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Peak Power spectrum density		ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 Section 12.6	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Frequency Stability		ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 Section 6.8	47 CFR Part 15, Subpart E 15.407 (g)	Pass



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3 Contents

	Page
1 Cover Page.....	1
2 Test Summary	3
3 Contents	5
4 General Information	7
4.1 Details of E.U.T.	7
4.2 Power Setting of Test Software	7
4.3 Test Channel	8
4.4 Environment Parameter	8
4.5 Description of Support Units	8
4.6 Measurement Uncertainty	9
4.7 Test Location	9
4.8 Test Facility	9
4.9 Deviation from Standards	9
4.10 Abnormalities from Standard Conditions	9
5 Equipment List	10
6 Emission Test Results	12
6.1 Antenna Requirement	12
6.1.1 Test Requirement:	12
6.1.2 Conclusion	12
6.2 Transmission in the Absence of Data	13
6.2.1 Test Requirement:	13
6.2.2 Conclusion	13
7 Radio Spectrum Matter Test Results	14
7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)	14
7.1.1 E.U.T. Operation	14
7.1.2 Test Mode Description	14
7.1.3 Test Setup Diagram	14
7.1.4 Measurement Procedure and Data	15
7.2 Radiated Emissions (Below 1GHz)	18
7.2.1 E.U.T. Operation	18
7.2.2 Test Mode Description	18
7.2.3 Test Setup Diagram	18
7.2.4 Measurement Procedure and Data	19
7.3 Radiated Emissions (Above 1GHz)	22
7.3.1 E.U.T. Operation	22
7.3.2 Test Mode Description	23
7.3.3 Test Setup Diagram	23
7.3.4 Measurement Procedure and Data	24
7.4 Radiated Emissions which fall in the restricted bands	43
7.4.1 E.U.T. Operation	43
7.4.2 Test Mode Description	43
7.4.3 Test Setup Diagram	44
7.4.4 Measurement Procedure and Data	44
7.5 Duty Cycle	66
7.5.1 E.U.T. Operation	66
7.5.2 Test Mode Description	66

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7.5.3 Test Setup Diagram	66
7.5.4 Measurement Procedure and Data	66
7.6 99% Bandwidth	67
7.6.1 E.U.T. Operation	67
7.6.2 Test Mode Description	67
7.6.3 Test Setup Diagram	67
7.6.4 Measurement Procedure and Data	67
7.7 26dB Emission bandwidth	68
7.7.1 E.U.T. Operation	68
7.7.2 Test Mode Description	68
7.7.3 Test Setup Diagram	68
7.7.4 Measurement Procedure and Data	68
7.8 Minimum 6 dB bandwidth (5.725-5.85 GHz band)	69
7.8.1 E.U.T. Operation	69
7.8.2 Test Mode Description	69
7.8.3 Test Setup Diagram	69
7.8.4 Measurement Procedure and Data	69
7.9 Maximum Conducted output power	70
7.9.1 E.U.T. Operation	70
7.9.2 Test Mode Description	70
7.9.3 Test Setup Diagram	71
Measurement Procedure and Data	71
7.10 Peak Power spectrum density	72
7.10.1 E.U.T. Operation	72
7.10.2 Test Mode Description	72
7.10.3 Test Setup Diagram	73
7.10.4 Measurement Procedure and Data	73
7.11 Frequency Stability	74
7.11.1 E.U.T. Operation	74
7.11.2 Test Mode Description	74
7.11.3 Test Setup Diagram	74
7.11.4 Measurement Procedure and Data	74
8 Test Setup Photo	75
9 Appendix	76



4 General Information

4.1 Details of E.U.T.

EUT Description:	Roku TV Smart Projector			
Model No.:	KJM-K201			
Hardware Version:	V1.0			
Software Version:	V1.0			
EUT Serial Number	SN260915001			
Power Supply:	Input:AC 100-240V 50/60Hz 40W USB Output: 5V 1.5A			
WLAN Mode Supported:	802.11a:	20 MHz channel bandwidth		
	802.11n:	20 MHz / 40 MHz channel bandwidth		
Operation Frequency:	Band	Mode	Frequency Range(MHz)	Number of channels
	UNII Band I	802.11a/n(HT20)	5180-5240	4
		802.11n(HT40)	5190-5230	2
	UNII Band III	802.11a/n(HT20)	5745-5825	5
		802.11n(HT40)	5755-5795	2
Modulation Type:	802.11a:	OFDM (BPSK, QPSK, 16QAM, 64QAM)		
	802.11n:	OFDM (BPSK, QPSK, 16QAM, 64QAM)		
Channel Spacing:	20MHz:	802.11a/n(HT20)		
	40MHz:	802.11n(HT40)		
Antenna Type:	PIFA Antenna			
Antenna Gain*:	☒ Provided by client			
	5.1G:1.42 dBi 5.8G: 1.59 dBi			
Smart System:	☒ SISO	802.11a; 802.11n		
PDU Type:	SU,TB			
RF Cable:	4900MHz ~ 5250MHz (1.6dB)		5250MHz ~ 5350MHz (1.7dB)	5470MHz ~ 5725MHz (1.8dB)

Note: *Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information , Radiolink test lab is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.

Remark:As above information is provided and confirmed by the applicant. Radiolink test lab is not liable to the accuracy, suitability, reliability or/and integrity of the information.

Remark2: The EUT does not have a factory-assigned serial number. A unique sample identifier(SN260915001) was assigned by the applicant for identification of the tested sample and recorded in the test records.

4.2 Power Setting of Test Software

Software Name	Putty					
Frequency(MHz)	5180	5200	5240	5260	5300	5320
802.11a/n 20 Setting	14	Default	Default	Default	Default	14
Frequency(MHz)	5190	5230	5270	5310	5510	5670
802.11N40 Setting	13	13	Default	8.5	Default	Default

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Frequency(MHz)	5500	5580	5700	5745	5785	5825
802.11a/n 20 Setting	Default	Default	Default	Default	Default	Default
Frequency(MHz)	5755	5795	-	-	-	-
802.11N40 Setting	Default	Default	-	-	-	-

Remake:Default=1500.

4.3 Test Channel

Frequency Channels for U-NII-1							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180MHZ	40	5200MHZ	48	5240MH	/	/
38	5190MHZ	46	5230MHZ	/	/	/	/
Frequency Channels for U-NII-2A							
52	5260MHz	60	5300MHz	64	5320MHz	/	/
54	5270MHz	62	5310MHz	62	5310MHz	/	/
Frequency Channels for U-NII-2C							
100	5500MHz	110	5550MHz	134	5670MHz	/	/
102	5510MHz	116	5580MHz	140	5700MHz	/	/
Frequency Channels for U-NII-3							
149	5745MHz	157	5785MHz	165	5825MHz	/	/
151	5755MHz	159	5795MHz	/	/	/	/

4.4 Environment Parameter

Environment Parameter	1020 mbar Selected Values During Tests	
Relative Humidity	38.8-50.8 % RH Ambient	
Value	Temperature(°C)	Voltage(V)
NT/NV	20	3.83
LT/LV	-30	3.4
HT/HV	50	4.3
Intermediate	20, -10, 0, 10, 30, 40	3.83 (Step temps at Nominal Volt)

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

4.5 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Router	NETGEAR	R7800	PY315100319
The EUT has been tested as an independent unit.			

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4.6 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at AC Power Line (150kHz-30MHz)	$\pm 3.2\text{dB}$
Radiated Emissions which fall in the restricted bands	$\pm 3.7\text{dB}$ (Below 1GHz), $\pm 4.7\text{dB}$ (Above 1GHz)
Radiated Spurious Emissions Below 1GHz	$\pm 3.7\text{dB}$
Radiated Spurious Emissions Above 1GHz	$\pm 4.7\text{dB}$
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	$\pm 0.35\text{dB}$
Peak Power spectrum density	$\pm 2.7\text{dB}$
Frequency Stability	$\pm 5.4 \times 10^{-8}$
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.	

4.7 Test Location

All tests were performed at:

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No tests were sub-contracted.

4.8 Test Facility

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

. A2LA (Certificate No. 7572.01)

Radiolink Testing (Shenzhen) Co., Ltd, Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 7572.01.

4.9 Deviation from Standards

None

4.10 Abnormalities from Standard Conditions

None

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5 Equipment List

Transmitter unwanted emissions in the spurious domain/ Receiver spurious emissions					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Anechoic Chamber	TDK	966	RL01-01	2024/11/22	2027/11/21
Horn Antenna(1GHz-18GHz)	Schwarzbeck	BBHA 9120D	RL03-01	2025/3/28	2028/3/27
BiConiLog Antenna(30MHz-3GHz)	Schwarzbeck	VULB9163	RL03-02	2025/4/7	2028/4/6
Active Loop Antenna(9kHz-30MHz)	Schwarzbeck	FMZB 1519B	RL03-03	2025/3/28	2028/3/27
Horn Antenna(15GHz-40GHz)	Schwarzbeck	BBHA 9170	RL03-04	2025/3/28	2028/3/27
Horn Antenna(15GHz-40GHz)	Schwarzbeck	BBHA 9170	RL03-05	2025/3/28	2028/3/27
MXE EMI Receiver(3Hz-8.4GHz)	KEYSIGHT	N9038A	RL04-01	2026/4/03	2027/4/02
EXA Signal Analyzer(10Hz-44GHz)	KEYSIGHT	N9010B	RL04-03	2026/4/3	2027/4/2
Pre-Amplifier(500MHz-18GHz)	Tonscend	TPA-011845	RL06-02	2026/4/3	2027/4/2
Pre-Amplifier(18GHz-26GHz)	Tonscend	TPA-182645	RL06-03	2026/4/3	2027/4/2
Pre-Amplifier(26GHz-40GHz)	Tonscend	TPA-184045	RL06-04	2026/4/3	2027/4/2
Pre-Amplifier(0.4GHz-8GHz)	TST PASS	LNA04080G30	RL06-05	2026/4/3	2027/4/2
Attenuation Clamp(150kHz-1000MHz)	Teseq	KEMA 801A	RL07-09	2026/4/13	2027/4/12
AC Power Source	Preen	KDF-11002G	RL08-03	2026/4/3	2027/4/2
Intelligent Line Power Conditioner	Preen	APS-11040GG	RL08-04	2026/4/3	2027/4/2
Coaxial Cable(9kHz-30MHz)	Radiolink	N/A	RL20-01	N/A	N/A
Coaxial Cable(30MHz-1000MHz)	Radiolink	N/A	RL20-02	N/A	N/A
Coaxial Cable(1GHz-18GHz)	Radiolink	N/A	RL20-03	N/A	N/A
Coaxial Cable(18GHz-40GHz)	Radiolink	N/A	RL20-04	N/A	N/A
Coaxial Cable(9kHz-30MHz)	Radiolink	N/A	RL20-05	N/A	N/A
Measurement Software	AUDIX	e3 V9	N/A	N/A	N/A



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Conducted Emissions at Mains Terminals (150kHz-30MHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	TDK	643	RL01-01	2025/03/31	2028/03/30
EMI Test Receiver	Rohde & Schwarz	ESPI-3	RL04-02	2026/04/03	2027/04/02
V-LISN(9kHz-30MHz)	Rohde & Schwarz	NSLK 8127 RC	RL07-01	2026/04/03	2027/04/02
Measurement Software	AUDIX	e3 V9	N/A	N/A	N/A

RF Conducted Test					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
EXA Signal Analyzer(10Hz-44GHz)	KEYSIGHT	N9010B	RL04-03	2026/4/3	2027/4/2
DC Regulated Power Supply	Radiolink	N/A	RL13-01	2026/04/03	2027/04/02
Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	RL14-01	2026/04/03	2027/04/02
MXG Vector Signal Generator(100kHz-6GHz)	N5182A	N5182A	RL05-05	2026/4/3	2027/4/2
SIGNAL GENERATOR(10MHz-20GHz)	SMP22	SMP22	RL05-06	2026/4/3	2027/4/2
Wideband Radio Communication Tester	CMW 500	CMW 500	RL05-07	2026/4/3	2027/4/2
Measurement Software	TST	TSTPASS V2.0	N/A	N/A	N/A

General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Electronic Hygrothermograph	deli	8838	RL02-02	2026/5/7	2027/5/6
Electronic Hygrothermograph	deli	8838	RL02-03	2026/4/23	2027/4/22
Electronic Hygrothermograph	deli	8838	RL02-04	2026/4/23	2027/4/22
Electronic Hygrothermograph	deli	8838	RL02-05	2026/4/8	2027/4/07
Barometer	Shanghai Mengte Instrument	DYM3	RL02-01	2026/4/8	2027/4/7

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6 Emission Test Results

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4)

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 inside the product, and the antenna cannot be replaced.

5150MHz to 5250MHz: 1.42 dBi

5725MHz to 5850MHz: 1.59 dBi

**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. Radiolink test lab is not liable to the accuracy, suitability, reliability or/and integrity of the information.



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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 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024
Section 6.2

Limit:

Frequency of emission(MHz)	Conducted limit(dBμV)	
	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.

Detector: Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

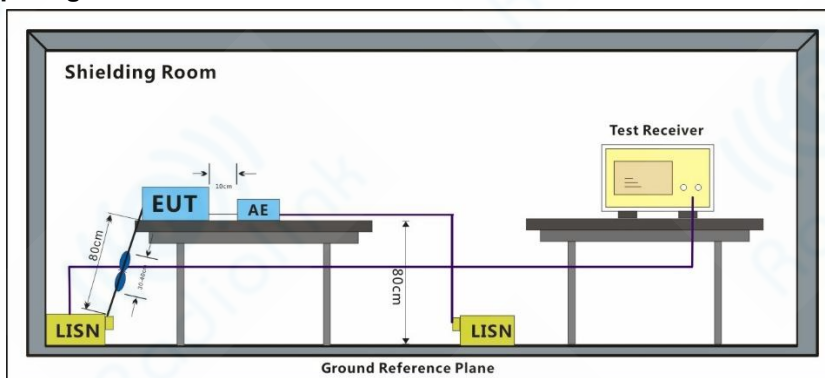
7.1.1 E.U.T. Operation

Operating Environment:
Temperature: 22.3 °C Humidity: 48 % RH Atmospheric Pressure: 1020 mbar

7.1.2 Test Mode Description

Mode Code	Description
1	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n 20/40M, Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram



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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.

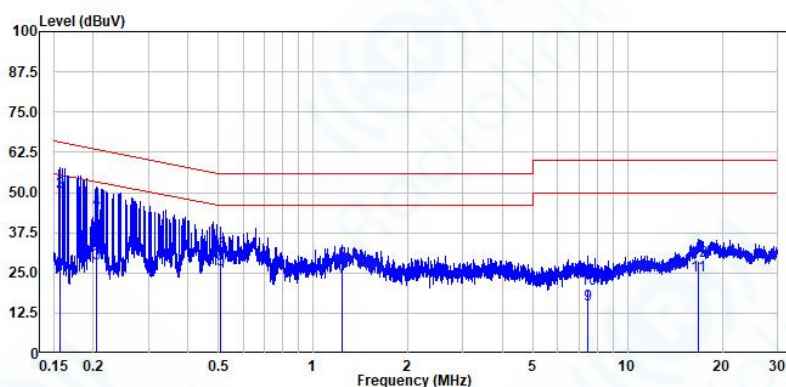
Remark : Level=Read Level+ Cable Loss+ LISN Factor



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Line: Live line



Site : chamber
Condition: Line
EUT : KJM-K201
Mode : 5G WIFI
Note :

Result	Freq	Level	Limit	LISN	Cable	Read	Over	Pol/Phase
	MHz	dBuV	dBuV	Factor	Loss	dB	dB	
1 Pass	0.156	24.77	55.65	0.25	10.09	Average	14.43 -30.88	Line
2 PP	0.156	50.11	65.65	0.25	10.09	QP	39.77 -15.54	Line
3 Pass	0.206	28.00	53.38	0.22	10.10	Average	17.68 -25.38	Line
4 Pass	0.206	44.61	63.38	0.22	10.10	QP	34.29 -18.77	Line
5 AV	0.507	26.18	46.00	0.23	10.10	Average	15.85 -19.82	Line
6 Pass	0.507	31.31	56.00	0.23	10.10	QP	20.98 -24.69	Line
7 Pass	1.239	23.61	46.00	0.27	10.07	Average	13.27 -22.39	Line
8 Pass	1.239	28.39	56.00	0.27	10.07	QP	18.05 -27.61	Line
9 Pass	7.491	14.98	50.00	1.11	10.12	Average	3.75 -35.02	Line
10 Pass	7.491	19.96	60.00	1.11	10.12	QP	8.73 -40.04	Line
11 Pass	16.750	24.06	50.00	2.57	10.14	Average	11.35 -25.94	Line
12 Pass	16.750	28.87	60.00	2.57	10.14	QP	16.16 -31.13	Line

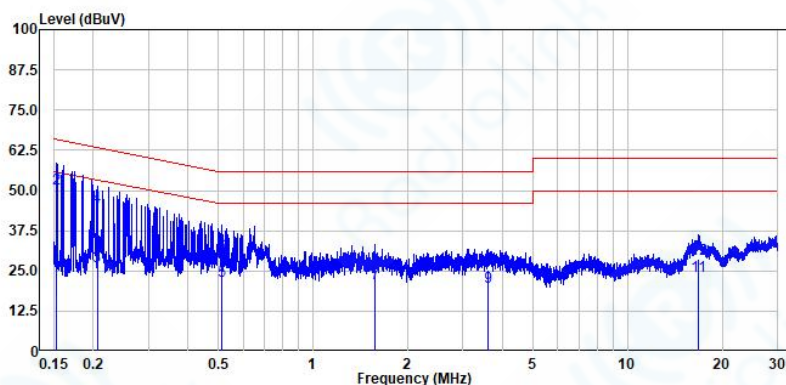


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Tel: +86 0755 23080694

Line: Neutral Line



Site : chamber
Condition: Neutral
EUT : KJM-K201
Mode : 5G WIFI
Note :

Result	Freq	Level	Limit	LISN	Cable	Remark	Read	Over	Pol/Phase
	MHz	dBuV	dBuV	dB	dB		dBuV	dB	
1 Pass	0.153	25.48	55.81	0.24	10.09	Average	15.15	-30.33	Neutral
2 PP	0.153	50.49	65.81	0.24	10.09	QP	40.16	-15.32	Neutral
3 Pass	0.206	26.29	53.37	0.20	10.10	Average	15.99	-27.08	Neutral
4 Pass	0.206	45.04	63.37	0.20	10.10	QP	34.74	-18.33	Neutral
5 AV	0.514	21.73	46.00	0.23	10.10	Average	11.40	-24.27	Neutral
6 Pass	0.514	30.15	56.00	0.23	10.10	QP	19.82	-25.85	Neutral
7 Pass	1.574	21.11	46.00	0.36	10.08	Average	10.67	-24.89	Neutral
8 Pass	1.574	25.57	56.00	0.36	10.08	QP	15.13	-30.43	Neutral
9 Pass	3.608	19.88	46.00	0.55	10.12	Average	9.21	-26.12	Neutral
10 Pass	3.608	25.38	56.00	0.55	10.12	QP	14.71	-30.62	Neutral
11 Pass	16.783	23.56	50.00	2.61	10.14	Average	10.81	-26.44	Neutral
12 Pass	16.783	28.81	60.00	2.61	10.14	QP	16.06	-31.19	Neutral

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7.2 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
Test Method: ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024
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

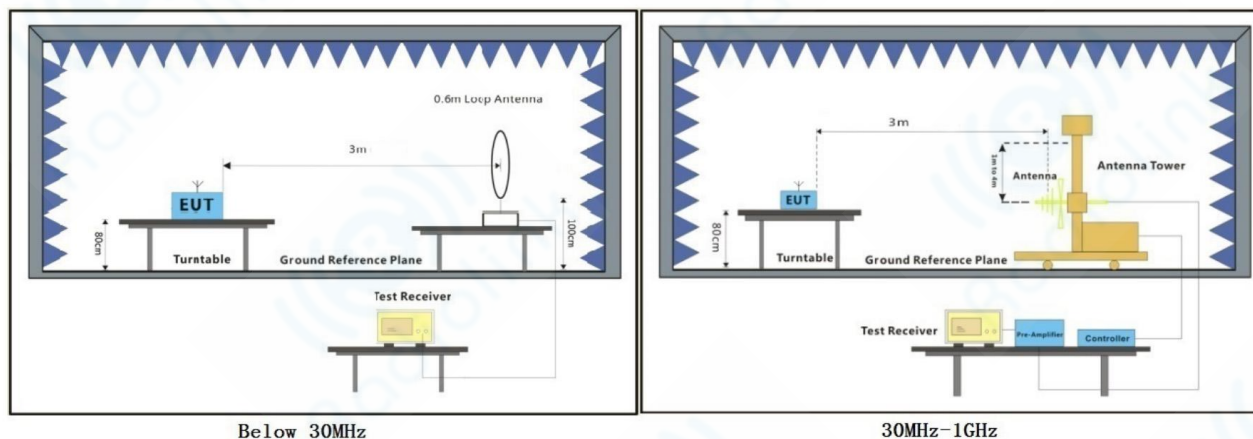
7.2.1 E.U.T. Operation

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

7.2.2 Test Mode Description

Mode Code	Description
1	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n 20/40M, Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



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7.2.4 Measurement Procedure and Data

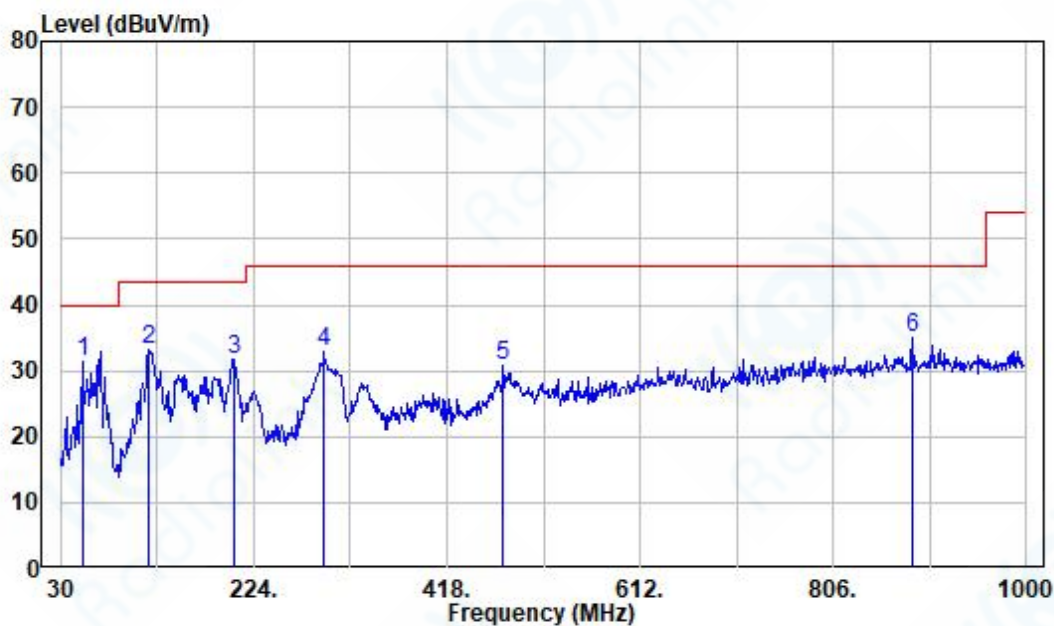
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which 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.



Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : K201
Mode : 5G WIFI

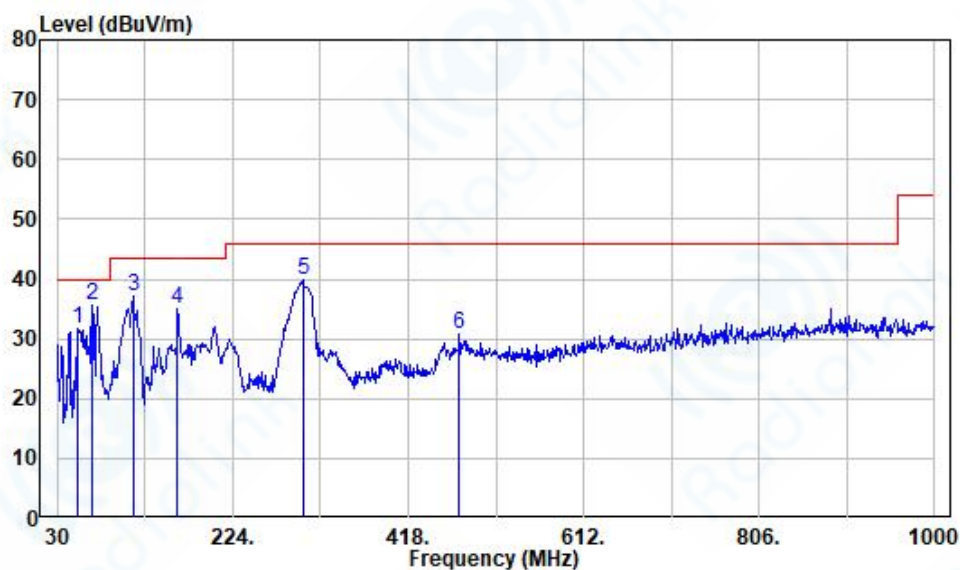
	Freq	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	52.310	44.38	31.35	40.00	-8.65	Peak
2	118.270	41.03	33.29	43.50	-10.21	Peak
3	203.630	44.61	31.78	43.50	-11.72	Peak
4	294.810	45.21	32.76	46.00	-13.24	Peak
5	474.260	38.98	30.78	46.00	-15.22	Peak
6	885.540	36.85	34.89	46.00	-11.11	Peak



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Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : K201
Mode : 5G WIFI

	Freq	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	53.280	44.72	31.56	40.00	-8.44	Peak
2	68.800	52.50	35.62	40.00	-4.38	Peak
3	114.390	45.00	37.18	43.50	-6.32	Peak
4	162.890	45.59	35.13	43.50	-8.37	Peak
5	301.600	52.04	39.71	46.00	-6.29	Peak
6	474.260	38.98	30.78	46.00	-15.22	Peak

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7.3 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
Test Method: ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024
Section 6.6
Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
Above 1000	500(AV)	3
	5000(PK)	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: Remark: Field strength limits '500 (AV) / 5000 (PK) μV/m @ 3 m' are derived from FCC § 15.209(a) (applicable to emissions falling in restricted bands per FCC § 15.205). For frequencies above 1000 MHz, this corresponds to $20 \cdot \log_{10}(500) \approx 53.98 \rightarrow 54$ dBμV/m (AV) and $20 \cdot \log_{10}(5000) \approx 73.98 \rightarrow 74$ dBμV/m (PK). These limits apply to radiated emissions falling in restricted bands. (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: 24.5 °C Humidity: 50.8 % RH Atmospheric Pressure: 1020 mbar

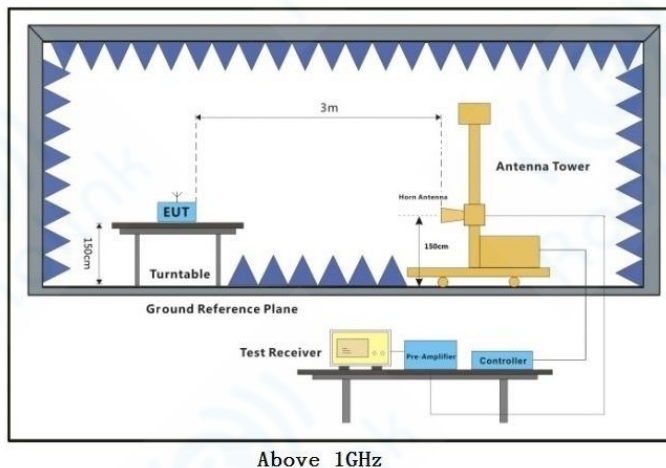
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7.3.2 Test Mode Description

Mode Code	Description
1	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n 20/40M, 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 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.
- 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:

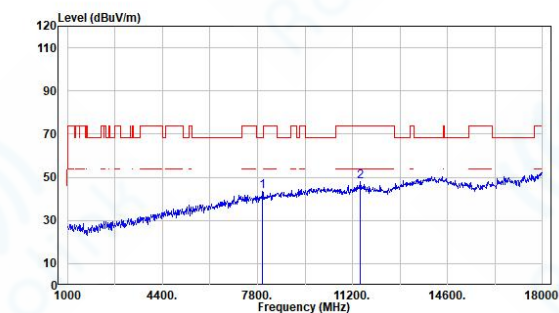
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from 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%) Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.



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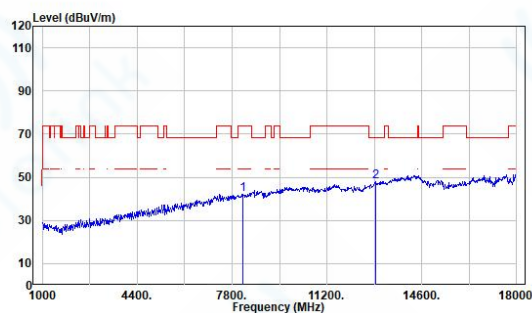
11a_TX_CH_36_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH36
Power : 22
Rate : 6M

	Freq	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	7967.000	54.30	43.40	68.20	-24.80	Peak
2	11472.000	53.12	48.09	74.00	-25.91	Peak

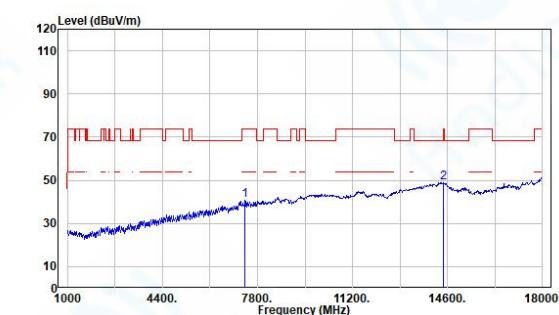
11a_TX_CH_36_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH36
Power : 22
Rate : 6M

	Freq	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8191.000	52.46	42.33	74.00	-31.67	Peak
2	12951.000	51.84	47.99	68.20	-20.21	Peak

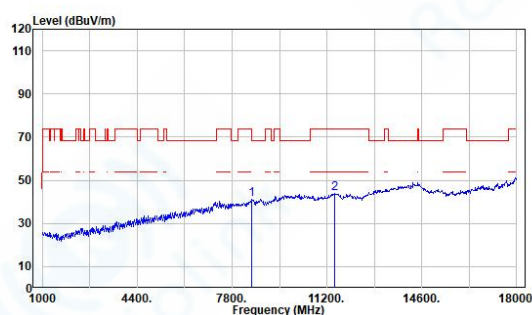
11a_TX_CH_40_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 40
Power : 22
Rate : 6M

	Freq	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	7358.000	51.07	40.78	74.00	-33.22	Peak
2	14464.000	49.45	49.02	68.20	-19.18	Peak

11a_TX_CH_40_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 40
Power : 22
Rate : 6M

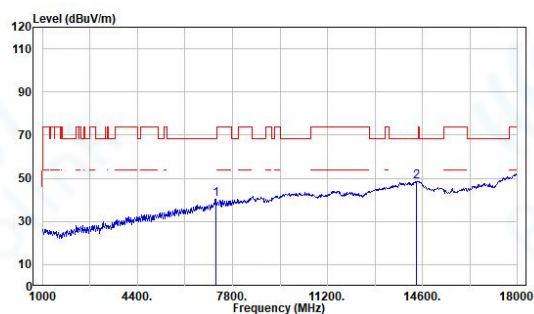
	Freq	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8514.000	50.69	41.09	68.20	-27.11	Peak
2	11472.000	48.75	43.72	74.00	-30.28	Peak

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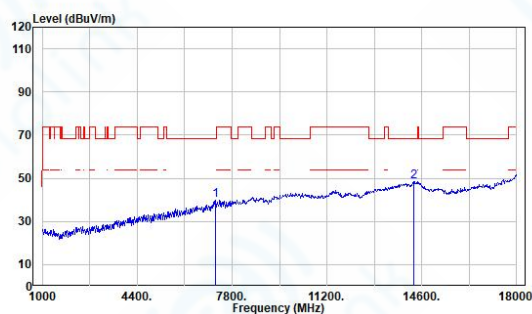
11a_TX_CH_48_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 48
Power : 22
Rate : 6M

Read	Limit	Over	
Freq	Level	Level	Line
MHz	dBuV	dBuV/m	dB
1 7205.000	50.97	40.39	68.20 -27.81 Peak
2 14396.000	48.88	48.57	68.20 -19.63 Peak

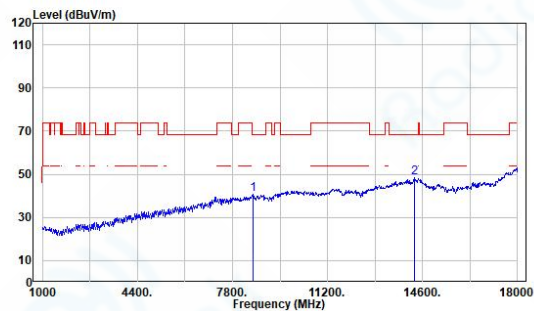
11a_TX_CH_48_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 48
Power : 22
Rate : 6M

Read	Limit	Over	
Freq	Level	Level	Line
MHz	dBuV	dBuV/m	dB
1 7205.000	50.63	40.05	68.20 -28.15 Peak
2 14311.000	48.46	48.39	68.20 -19.81 Peak

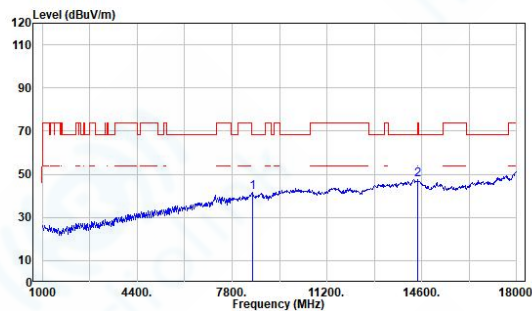
11n20_TX_CH_36_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n_TX_CH 36
Power : 22
Rate : MCS0

Read	Limit	Over	
Freq	Level	Level	Line
MHz	dBuV	dBuV/m	dB
1 8531.000	50.37	40.81	68.20 -27.39 Peak
2 14328.000	48.63	48.52	68.20 -19.68 Peak

11n20_TX_CH_36_Vertical

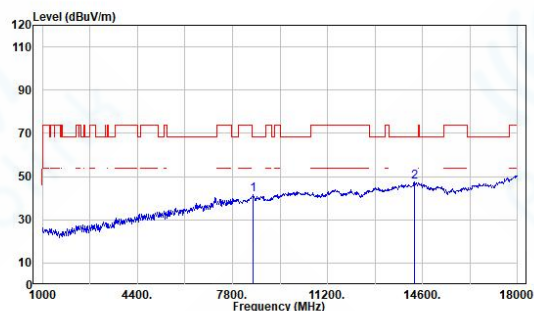


Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n_TX_CH 36
Power : 22
Rate : MCS0

Read	Limit	Over	
Freq	Level	Level	Line
MHz	dBuV	dBuV/m	dB
1 8548.000	51.12	41.62	68.20 -26.58 Peak
2 14464.000	48.14	47.71	68.20 -20.49 Peak



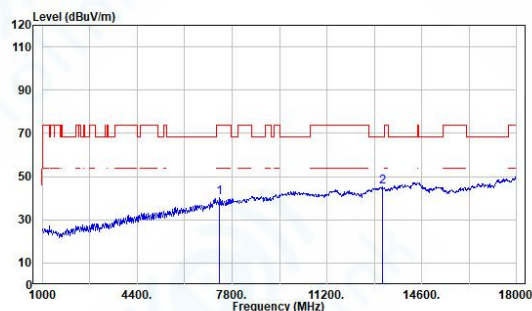
11n20_TX_CH_40_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n_TX_CH 40
Power : 22
Rate : MCS0

Freq	Read Level	Limit Level	Limit Line	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 8548.000	51.03	41.53	68.20	-26.67	Peak
2 14311.000	47.47	47.40	68.20	-20.80	Peak

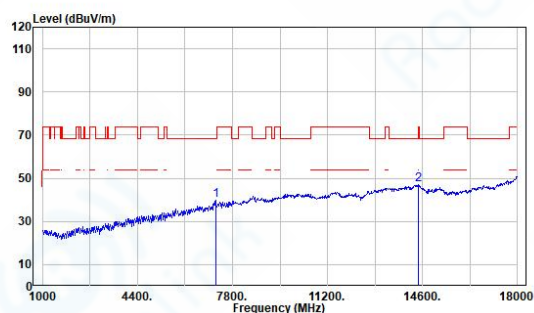
11n20_TX_CH_40_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n_TX_CH 40
Power : 22
Rate : MCS0

Freq	Read Level	Limit Level	Limit Line	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 7358.000	50.44	40.15	74.00	-33.85	Peak
2 13189.000	48.90	45.15	68.20	-23.05	Peak

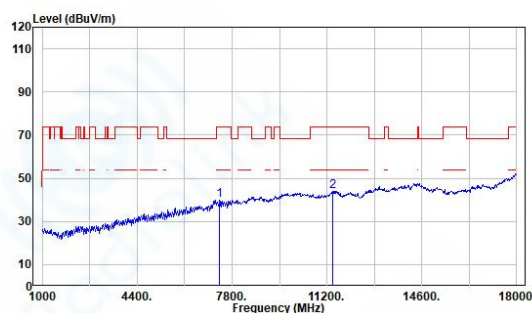
11n20_TX_CH_48_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n_TX_CH 48
Power : 22
Rate : MCS0

Freq	Read Level	Limit Level	Limit Line	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 7205.000	50.36	39.78	68.20	-28.42	Peak
2 14447.000	47.38	46.98	68.20	-21.22	Peak

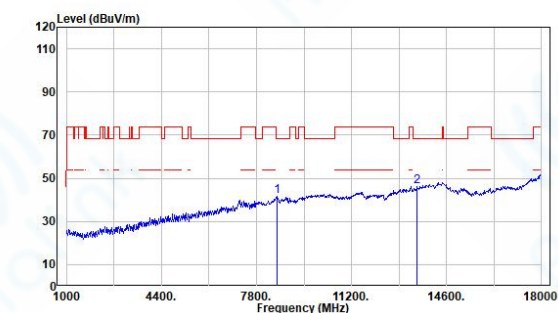
11n20_TX_CH_48_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n_TX_CH 48
Power : 22
Rate : MCS0

Freq	Read Level	Limit Level	Limit Line	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 7358.000	50.12	39.83	74.00	-34.17	Peak
2 11404.000	48.97	43.99	74.00	-30.01	Peak

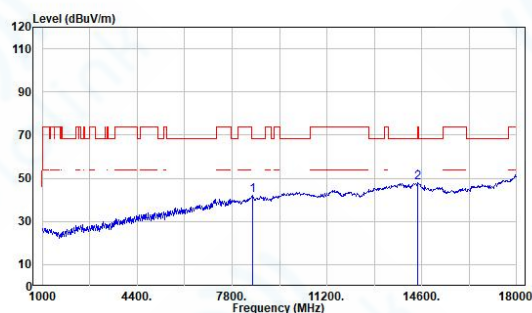
11n40_TX_CH_38_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 38
Power : 22
Rate : MCS0

	Freq	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8531.000	51.42	41.86	68.20	-26.34	Peak
2	13546.000	48.83	46.12	68.20	-22.08	Peak

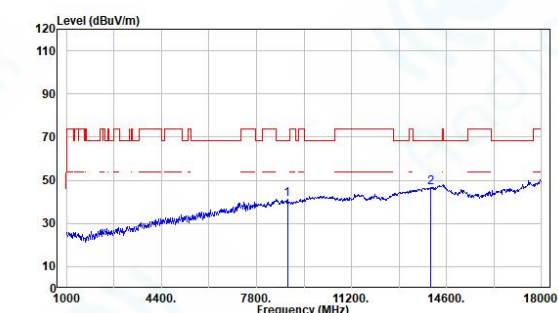
11n40_TX_CH_38_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 38
Power : 22
Rate : MCS0

	Freq	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8548.000	51.52	42.02	68.20	-26.18	Peak
2	14464.000	48.22	47.79	68.20	-20.41	Peak

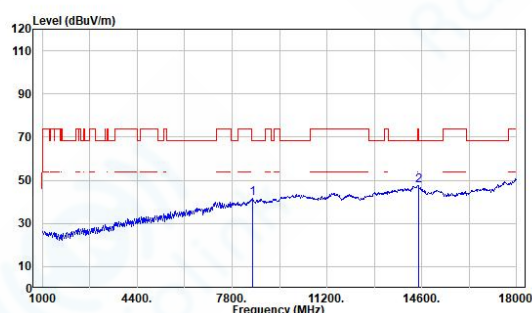
11n40_TX_CH_46_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 46
Power : 22
Rate : MCS0

	Freq	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8905.000	50.64	41.19	68.20	-27.01	Peak
2	14022.000	48.11	46.68	68.20	-21.52	Peak

11n40_TX_CH_46_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 46
Power : 22
Rate : MCS0

	Freq	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8548.000	50.98	41.48	68.20	-26.72	Peak
2	14481.000	48.04	47.58	74.00	-26.42	Peak

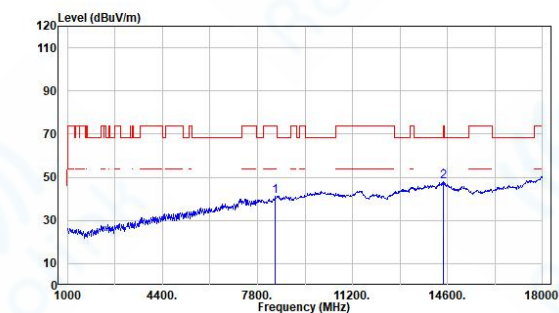
Radiolink Testing (Shenzhen) Co., Ltd.

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Tel: +86 0755 23080694



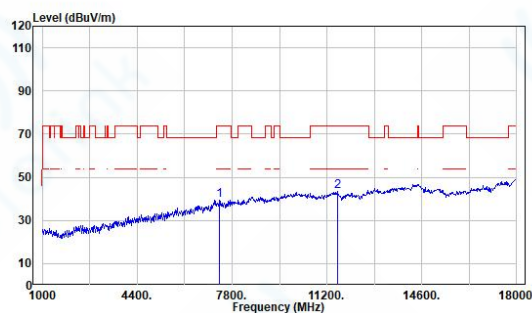
11a_TX_CH_52_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 52
Power : 22
Rate : 6M

Freq	Read Level	Limit Level	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB
1 8446.000	51.32	41.35	74.00	-32.65 Peak
2 14447.000	48.20	47.80	68.20	-20.40 Peak

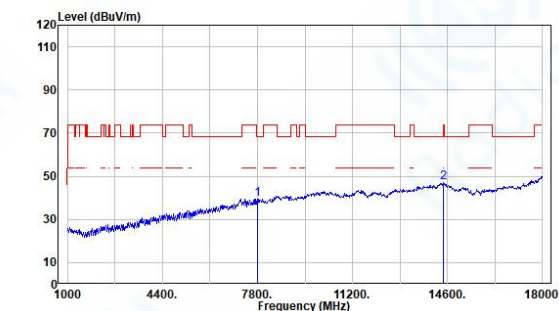
11a_TX_CH_52_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 52
Power : 22
Rate : 6M

Freq	Read Level	Limit Level	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB
1 7358.000	49.71	39.42	74.00	-34.58 Peak
2 11574.000	48.34	43.27	74.00	-30.73 Peak

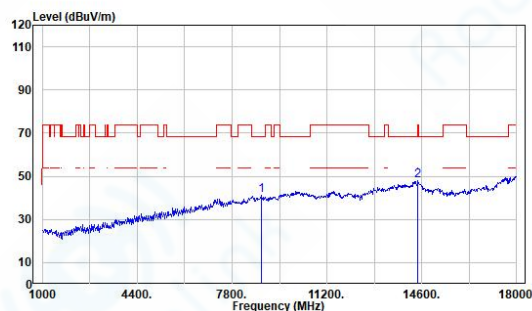
11a_TX_CH_60_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 60
Power : 22
Rate : 6M

Freq	Read Level	Limit Level	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB
1 7817.000	50.38	39.50	68.20	-28.70 Peak
2 14464.000	47.62	47.19	68.20	-21.01 Peak

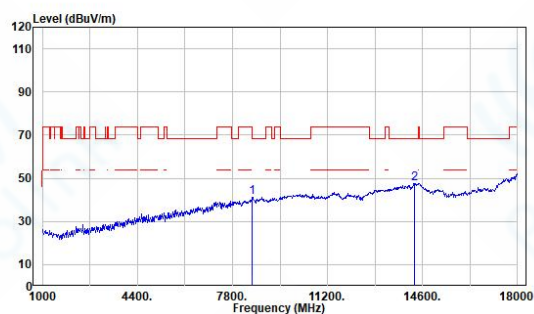
11a_TX_CH_60_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 60
Power : 22
Rate : 6M

Freq	Read Level	Limit Level	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB
1 8837.000	49.95	41.03	68.20	-27.17 Peak
2 14464.000	48.21	47.78	68.20	-20.42 Peak

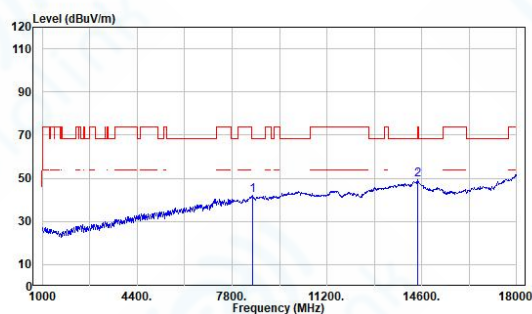
11a_TX_CH_64_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 64
Power : 22
Rate : 6M

	Read	Limit	Over	
Freq	Level	Level	Line	Limit Remark
MHz	dBuV	dBuV/m	dBuV/m	dB
1 8514.000	50.94	41.34	68.20	-26.86 Peak
2 14328.000	47.83	47.72	68.20	-20.48 Peak

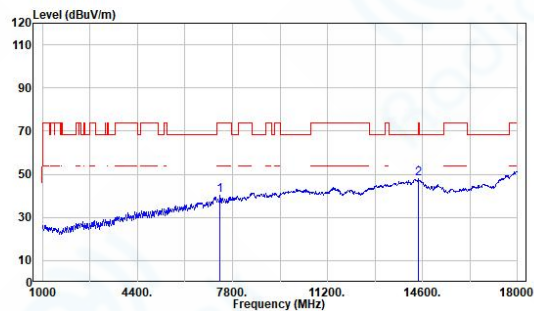
11a_TX_CH_64_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 64
Power : 22
Rate : 6M

	Read	Limit	Over	
Freq	Level	Level	Line	Limit Remark
MHz	dBuV	dBuV/m	dBuV/m	dB
1 8531.000	51.50	41.94	68.20	-26.26 Peak
2 14447.000	49.64	49.24	68.20	-18.96 Peak

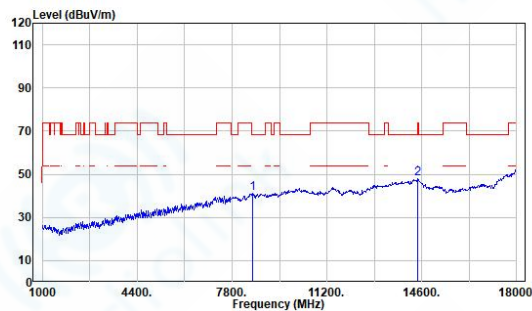
11n20_TX_CH_52_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 52
Power : 22
Rate : MCS0

	Read	Limit	Over	
Freq	Level	Level	Line	Limit Remark
MHz	dBuV	dBuV/m	dBuV/m	dB
1 7358.000	50.55	40.26	74.00	-33.74 Peak
2 14464.000	48.37	47.94	68.20	-20.26 Peak

11n20_TX_CH_52_Vertical

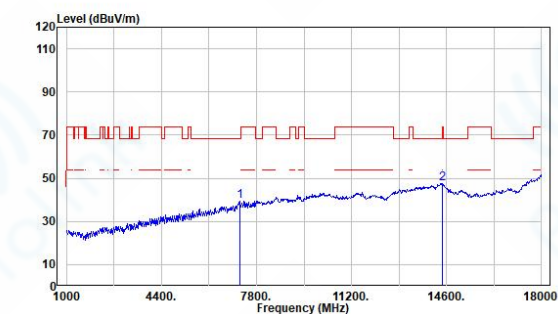


Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 52
Power : 22
Rate : MCS0

	Read	Limit	Over	
Freq	Level	Level	Line	Limit Remark
MHz	dBuV	dBuV/m	dBuV/m	dB
1 8531.000	50.79	41.23	68.20	-26.97 Peak
2 14447.000	48.27	47.87	68.20	-20.33 Peak



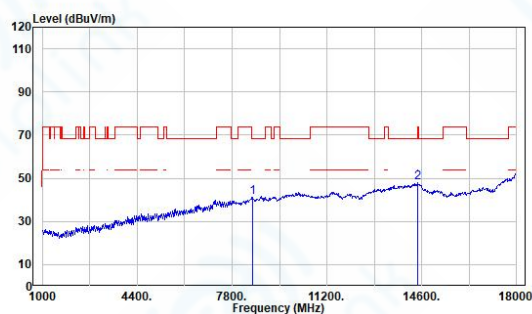
11n20_TX_CH_60_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 60
Power : 22
Rate : MCS0

	Read	Read	Limit	Over	
Freq	Level	Level	Line	Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 7205.000	50.11	39.53	68.20	-28.67	Peak
2 14464.000	48.16	47.73	68.20	-20.47	Peak

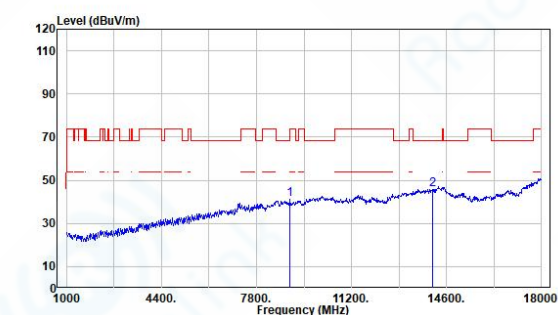
11n20_TX_CH_60_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 60
Power : 22
Rate : MCS0

	Read	Read	Limit	Over	
Freq	Level	Level	Line	Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 8531.000	50.79	41.23	68.20	-26.97	Peak
2 14464.000	48.34	47.91	68.20	-20.29	Peak

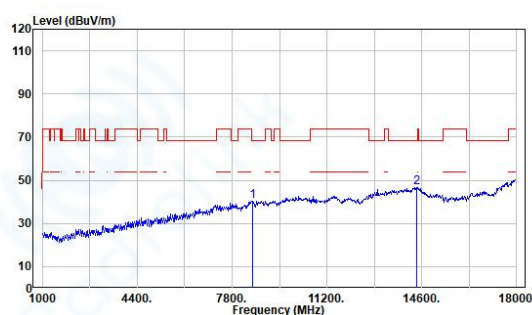
11n20_TX_CH_64_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 64
Power : 22
Rate : MCS0

	Read	Read	Limit	Over	
Freq	Level	Level	Line	Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 9007.000	50.19	41.14	74.00	-32.86	Peak
2 14187.000	47.13	45.93	68.20	-22.27	Peak

11n20_TX_CH_64_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 64
Power : 22
Rate : MCS0

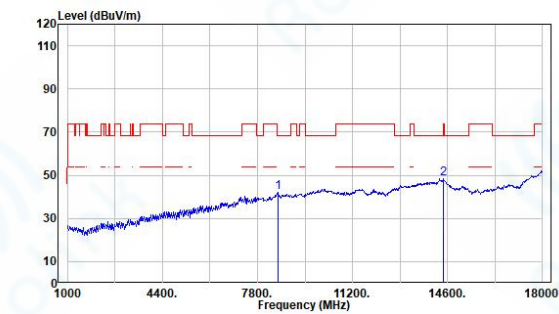
	Read	Read	Limit	Over	
Freq	Level	Level	Line	Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 8548.000	49.98	40.48	68.20	-27.72	Peak
2 14413.000	47.06	46.73	68.20	-21.47	Peak

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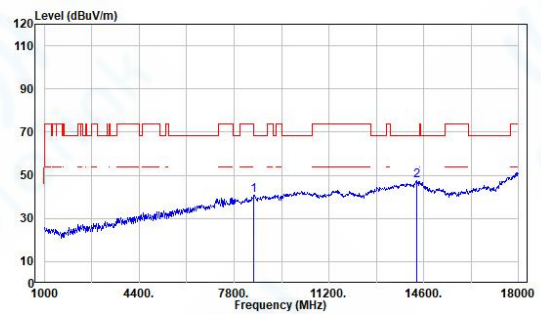
11n40_TX_CH_54_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 54
Power : 22
Rate : MCS0

	Freq	Read Level	Level	Limit	Over	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8531.000	51.73	42.17	68.20	-26.03	Peak
2	14447.000	48.89	48.49	68.20	-19.71	Peak

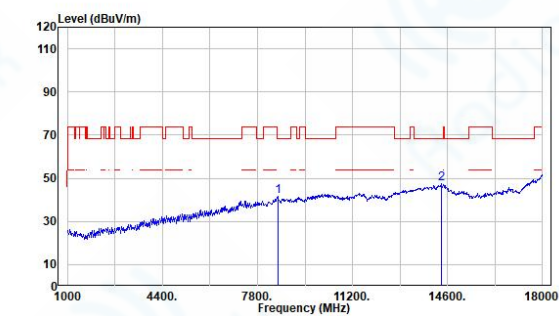
11n20_TX_CH_54_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 54
Power : 22
Rate : MCS0

	Freq	Read Level	Level	Limit	Over	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8514.000	50.29	40.69	68.20	-27.51	Peak
2	14345.000	47.75	47.59	68.20	-20.61	Peak

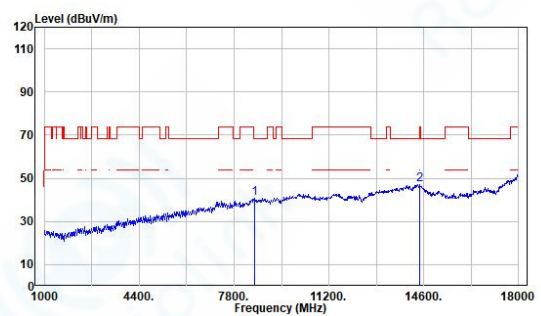
11n40_TX_CH_62_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 62
Power : 22
Rate : MCS0

	Freq	Read Level	Level	Limit	Over	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8531.000	51.16	41.60	68.20	-26.60	Peak
2	14379.000	47.62	47.37	68.20	-20.83	Peak

11n20_TX_CH_62_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 62
Power : 22
Rate : MCS0

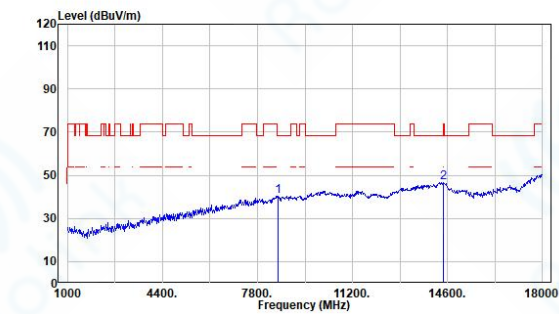
	Freq	Read Level	Level	Limit	Over	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8548.000	50.35	40.85	68.20	-27.35	Peak
2	14447.000	47.44	47.04	68.20	-21.16	Peak

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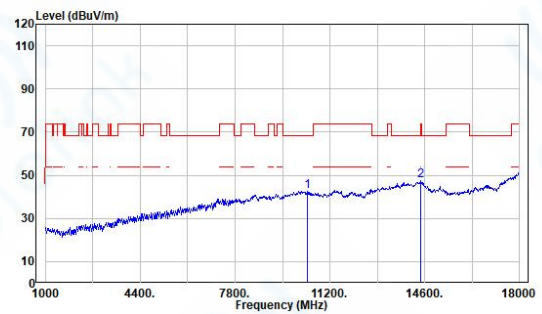
11a_TX_CH_100_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 100
Power : 22
Rate : 6M

Freq	Read Level	Limit Level	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB
1 8548.000	49.97	40.47	68.20	-27.73 Peak
2 14464.000	47.10	46.67	68.20	-21.53 Peak

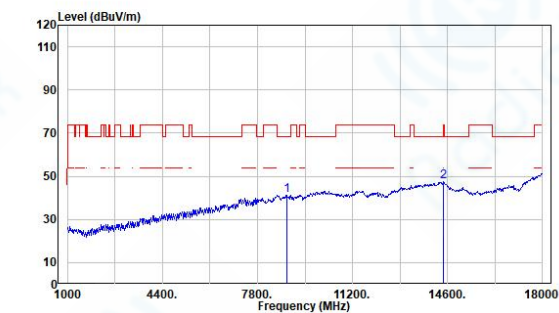
11a_TX_CH_100_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 100
Power : 22
Rate : 6M

Freq	Read Level	Limit Level	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB
1 10401.000	48.46	42.68	68.20	-25.52 Peak
2 14464.000	47.97	47.54	68.20	-20.66 Peak

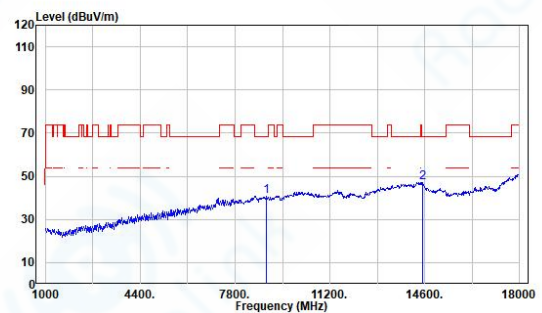
11a_TX_CH_116_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 116
Power : 22
Rate : 6M

Freq	Read Level	Limit Level	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB
1 8854.000	50.18	41.28	68.20	-26.92 Peak
2 14464.000	47.84	47.41	68.20	-20.79 Peak

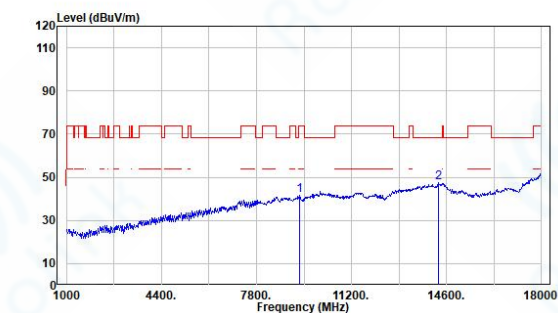
11a_TX_CH_116_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 116
Power : 22
Rate : 6M

Freq	Read Level	Limit Level	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB
1 8922.000	50.45	40.91	68.20	-27.29 Peak
2 14532.000	47.96	47.20	68.20	-21.00 Peak

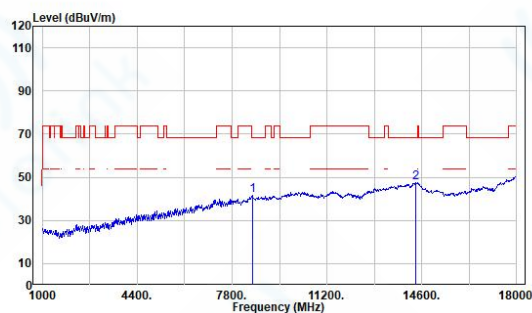
11a_TX_CH_140_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 140
Power : 22
Rate : 6M

	Freq	Read Level	Limit Level	Over Line	Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	9347.000	49.46	41.46	74.00	-32.54	Peak
2	14311.000	47.46	47.39	68.20	-20.81	Peak

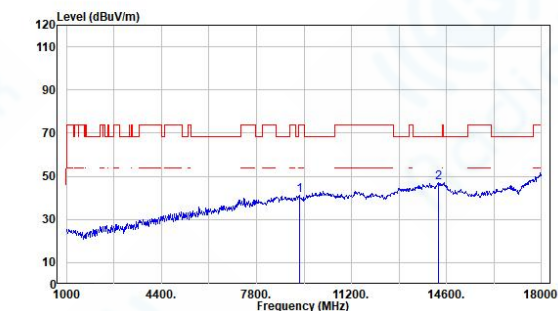
11a_TX_CH_140_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 140
Power : 22
Rate : 6M

	Freq	Read Level	Limit Level	Over Line	Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8531.000	51.33	41.77	68.20	-26.43	Peak
2	14379.000	47.69	47.44	68.20	-20.76	Peak

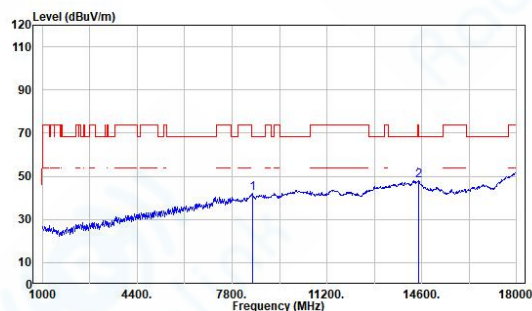
11n20_TX_CH_100_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 100
Power : 22
Rate : MCS0

	Freq	Read Level	Limit Level	Over Line	Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	9330.000	49.18	41.02	74.00	-32.98	Peak
2	14328.000	47.19	47.08	68.20	-21.12	Peak

11n_TX_CH_100_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 100
Power : 22
Rate : MCS0

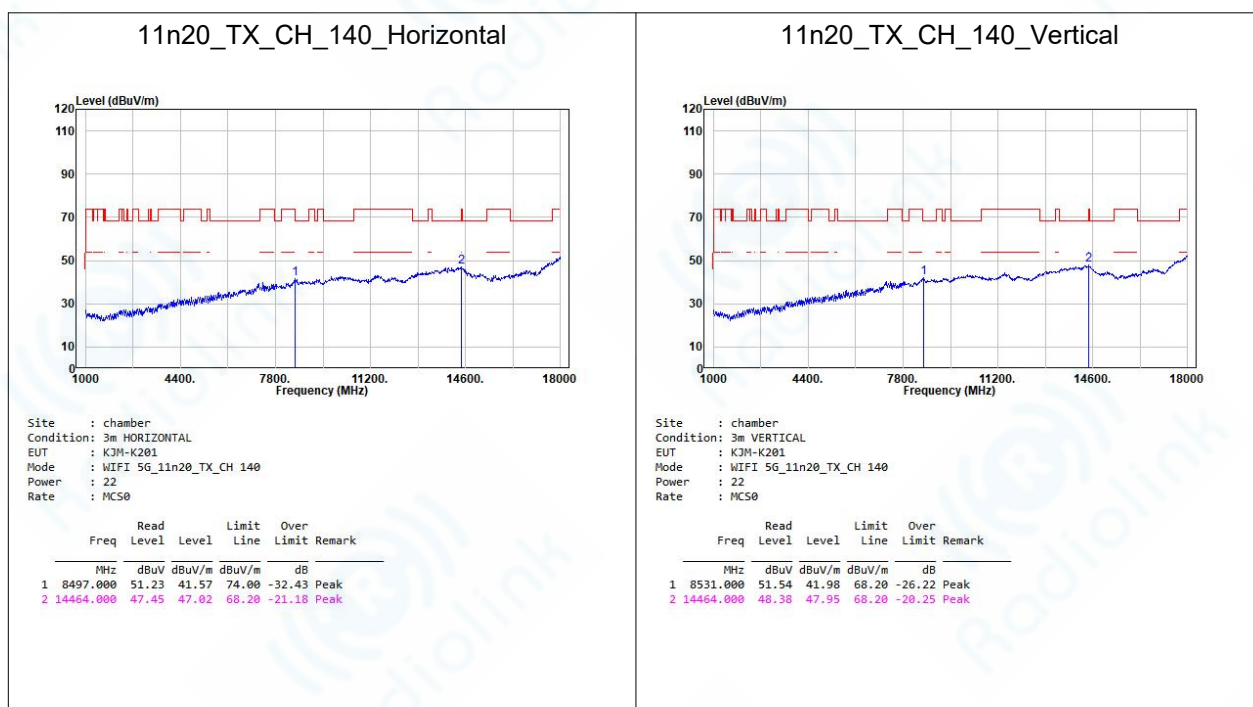
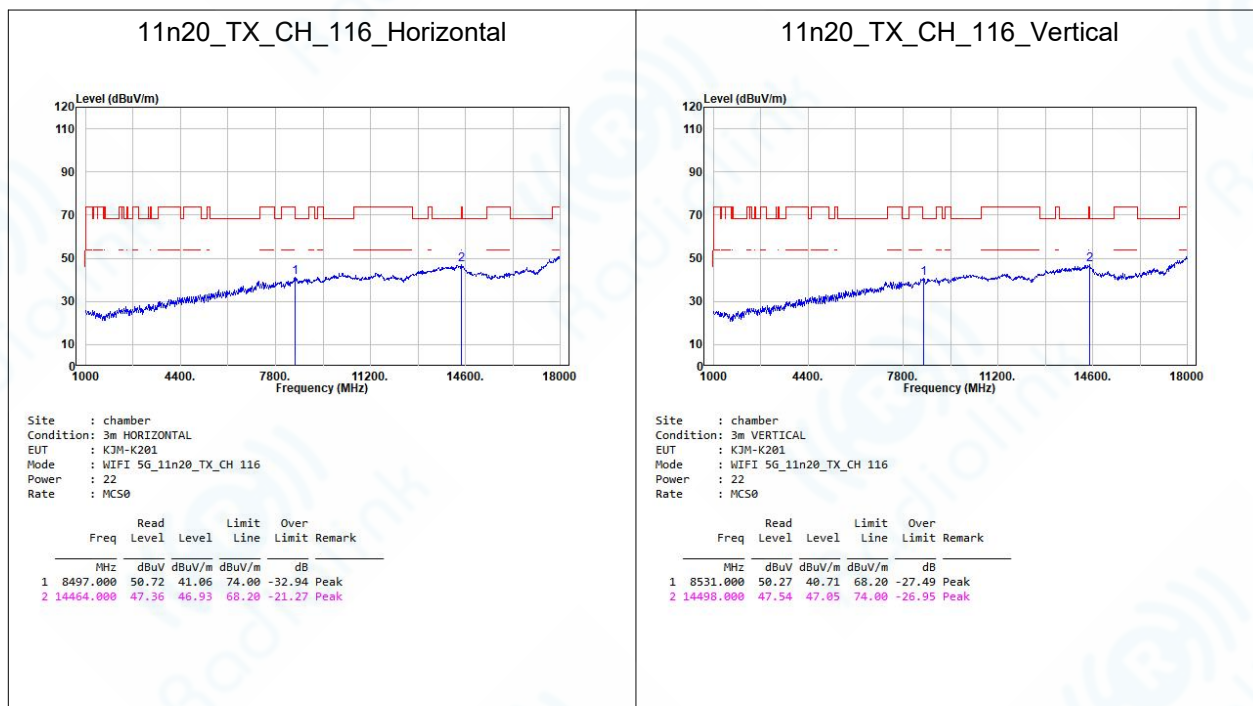
	Freq	Read Level	Limit Level	Over Line	Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8531.000	51.49	41.93	68.20	-26.27	Peak
2	14481.000	48.39	47.93	74.00	-26.07	Peak



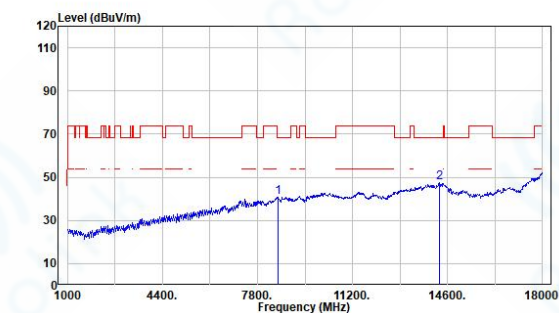
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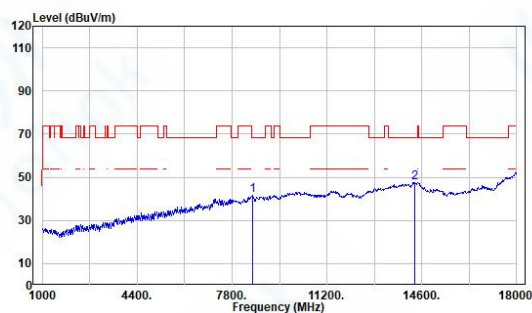
11n40_TX_CH_102_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 102
Power : 22
Rate : MCS0

	Freq	Read Level	Level	Limit	Over	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8531.000	50.25	40.69	68.20	-27.51	Peak
2	14311.000	47.42	47.35	68.20	-20.85	Peak

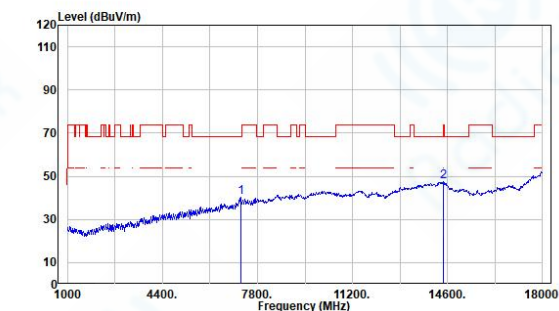
11n40_TX_CH_102_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 102
Power : 22
Rate : MCS0

	Freq	Read Level	Level	Limit	Over	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8531.000	51.07	41.51	68.20	-26.69	Peak
2	14345.000	47.80	47.64	68.20	-20.56	Peak

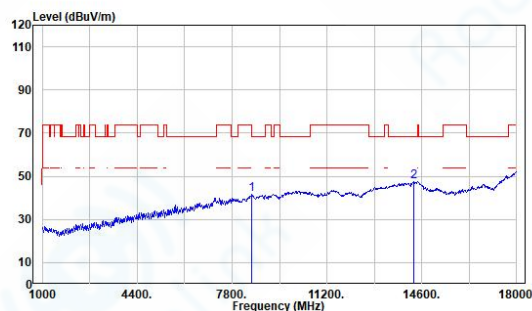
11n40_TX_CH_110_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 110
Power : 22
Rate : MCS0

	Freq	Read Level	Level	Limit	Over	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	7205.000	50.87	40.29	68.20	-27.91	Peak
2	14447.000	47.91	47.51	68.20	-20.69	Peak

11n40_TX_CH_110_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 110
Power : 22
Rate : MCS0

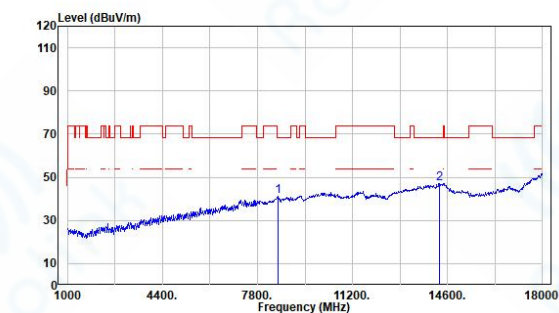
	Freq	Read Level	Level	Limit	Over	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8514.000	51.04	41.44	68.20	-26.76	Peak
2	14311.000	47.78	47.71	68.20	-20.49	Peak

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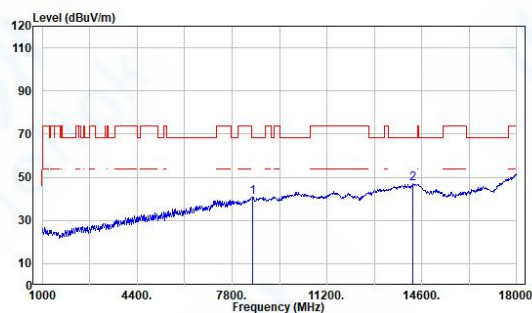
11n40_TX_CH_134_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 134
Power : 22
Rate : MCS0

	Freq	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8531.000	50.73	41.17	68.20	-27.03	Peak
2	14311.000	47.28	47.21	68.20	-20.99	Peak

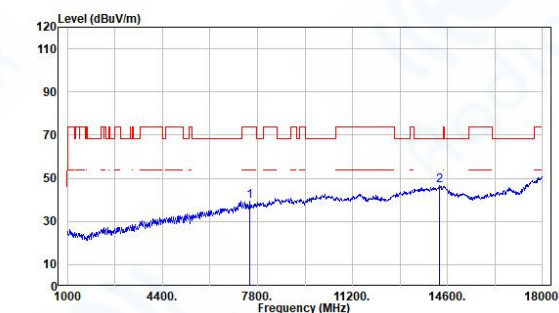
11n40_TX_CH_134_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 134
Power : 22
Rate : MCS0

	Freq	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8531.000	50.54	40.98	68.20	-27.22	Peak
2	14294.000	47.36	47.24	68.20	-20.96	Peak

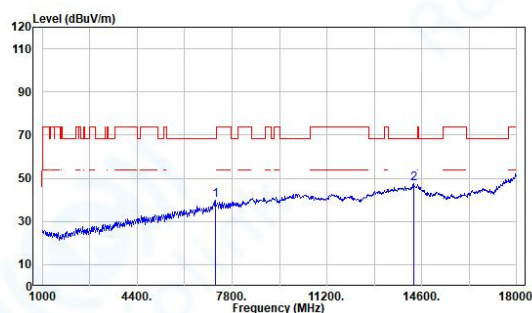
11a_TX_CH_149_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 149
Power : 22
Rate : 6M

	Freq	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	7528.000	50.13	39.48	74.00	-34.52	Peak
2	14311.000	46.55	46.48	68.20	-21.72	Peak

11a_TX_CH_149_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 149
Power : 22
Rate : 6M

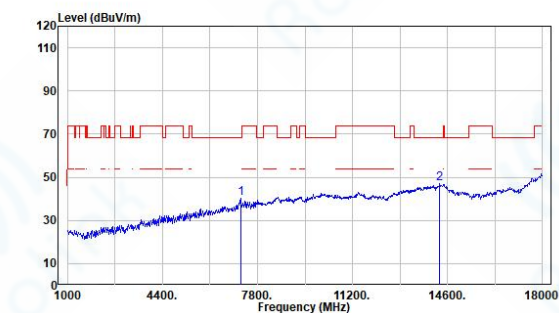
	Freq	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	7205.000	50.22	39.64	68.20	-28.56	Peak
2	14311.000	47.60	47.53	68.20	-20.67	Peak

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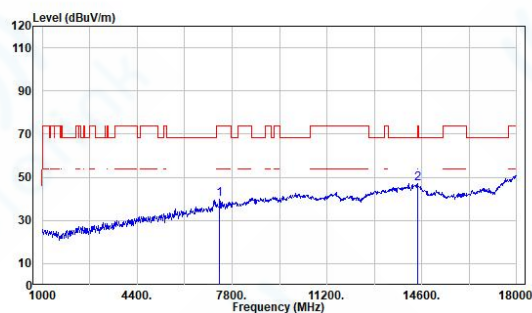
11a_TX_CH_157_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 157
Power : 22
Rate : 6M

Freq	Read Level	Limit Level	Limit Line	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 7205.000	50.81	40.23	68.20	-27.97	Peak
2 14328.000	47.10	46.99	68.20	-21.21	Peak

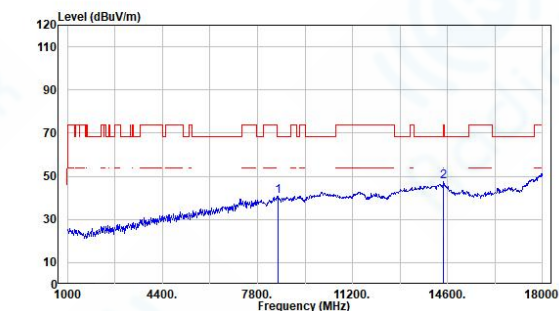
11a_TX_CH_157_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 157
Power : 22
Rate : 6M

Freq	Read Level	Limit Level	Limit Line	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 7358.000	50.33	40.04	74.00	-33.96	Peak
2 14447.000	47.38	46.98	68.20	-21.22	Peak

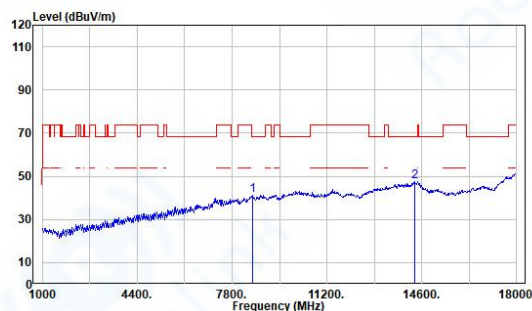
11a_TX_CH_165_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 165
Power : 22
Rate : 6M

Freq	Read Level	Limit Level	Limit Line	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 8548.000	50.10	40.60	68.20	-27.60	Peak
2 14464.000	47.76	47.33	68.20	-20.87	Peak

11a_TX_CH_165_Vertical

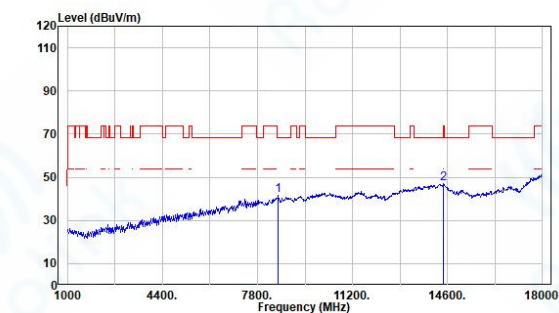


Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11a_TX_CH 165
Power : 22
Rate : 6M

Freq	Read Level	Limit Level	Limit Line	Over Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 8531.000	50.91	41.35	68.20	-26.85	Peak
2 14345.000	47.87	47.71	68.20	-20.49	Peak



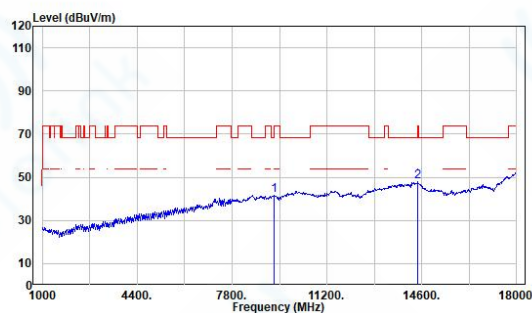
11n20_TX_CH_149_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 149
Power : 22
Rate : MCS0

	Freq	Read Level	Limit Level	Over Line	Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	8548.000	51.01	41.51	68.20	-26.69	Peak
2	14464.000	47.43	47.00	68.20	-21.20	Peak

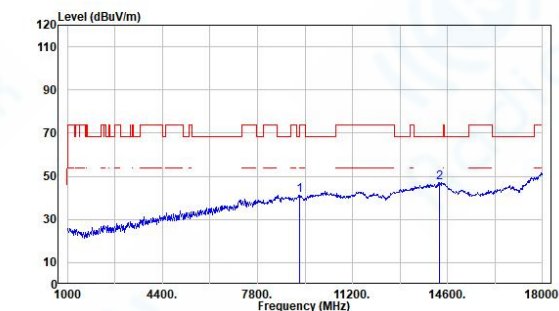
11n20_TX_CH_149_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 149
Power : 22
Rate : MCS0

	Freq	Read Level	Limit Level	Over Line	Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	9296.000	50.21	41.76	68.20	-26.44	Peak
2	14464.000	48.53	48.10	68.20	-20.10	Peak

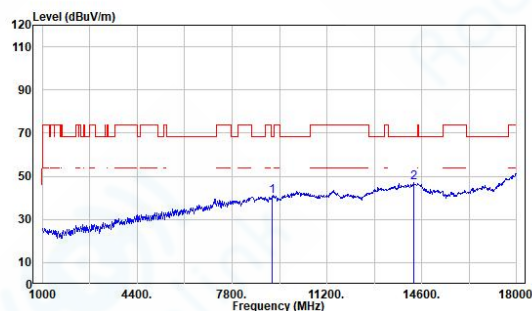
11n20_TX_CH_157_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 157
Power : 22
Rate : MCS0

	Freq	Read Level	Limit Level	Over Line	Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	9313.000	49.64	41.32	74.00	-32.68	Peak
2	14311.000	47.27	47.20	68.20	-21.00	Peak

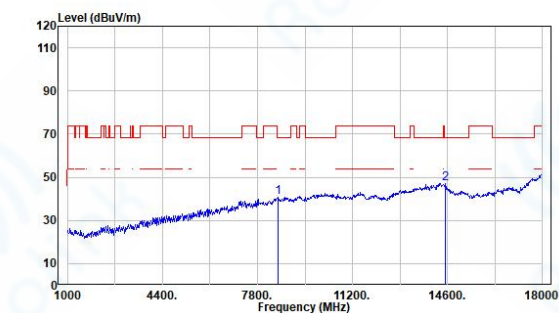
11n20_TX_CH_157_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 157
Power : 22
Rate : MCS0

	Freq	Read Level	Limit Level	Over Line	Limit	Remark
	MHz	dBuV	dBuV/m	dBuV/m	dB	
1	9228.000	49.55	40.71	68.20	-27.49	Peak
2	14328.000	47.23	47.12	68.20	-21.08	Peak

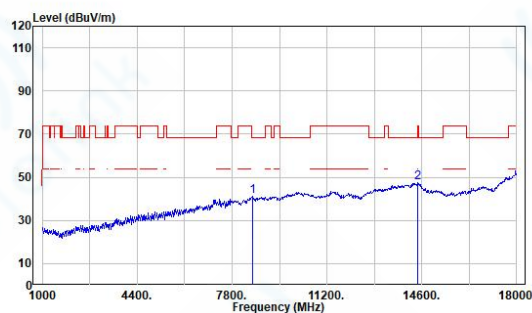
11n20_TX_CH_165_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 165
Power : 22
Rate : MCS0

	Read	Level	Limit	Over	
Freq	Level	Level	Line	Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 8531.000	50.14	40.58	68.20	-27.62	Peak
2 14515.000	47.63	47.01	68.20	-21.19	Peak

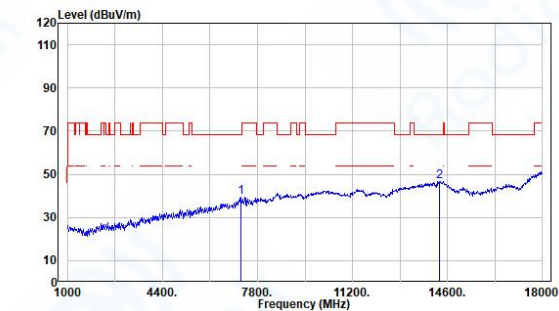
11n20_TX_CH_165_Vertical



Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n20_TX_CH 165
Power : 22
Rate : MCS0

	Read	Level	Limit	Over	
Freq	Level	Level	Line	Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 8548.000	50.55	41.05	68.20	-27.15	Peak
2 14464.000	47.90	47.47	68.20	-20.73	Peak

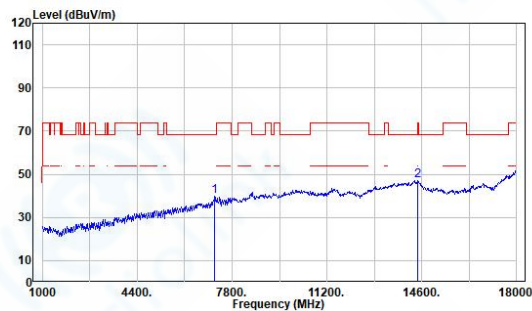
11n40_TX_CH_151_Horizontal



Site : chamber
Condition: 3m HORIZONTAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 151
Power : 22
Rate : MCS0

	Read	Level	Limit	Over	
Freq	Level	Level	Line	Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 7205.000	50.04	39.46	68.20	-28.74	Peak
2 14311.000	46.68	46.61	68.20	-21.59	Peak

11n40_TX_CH_151_Vertical



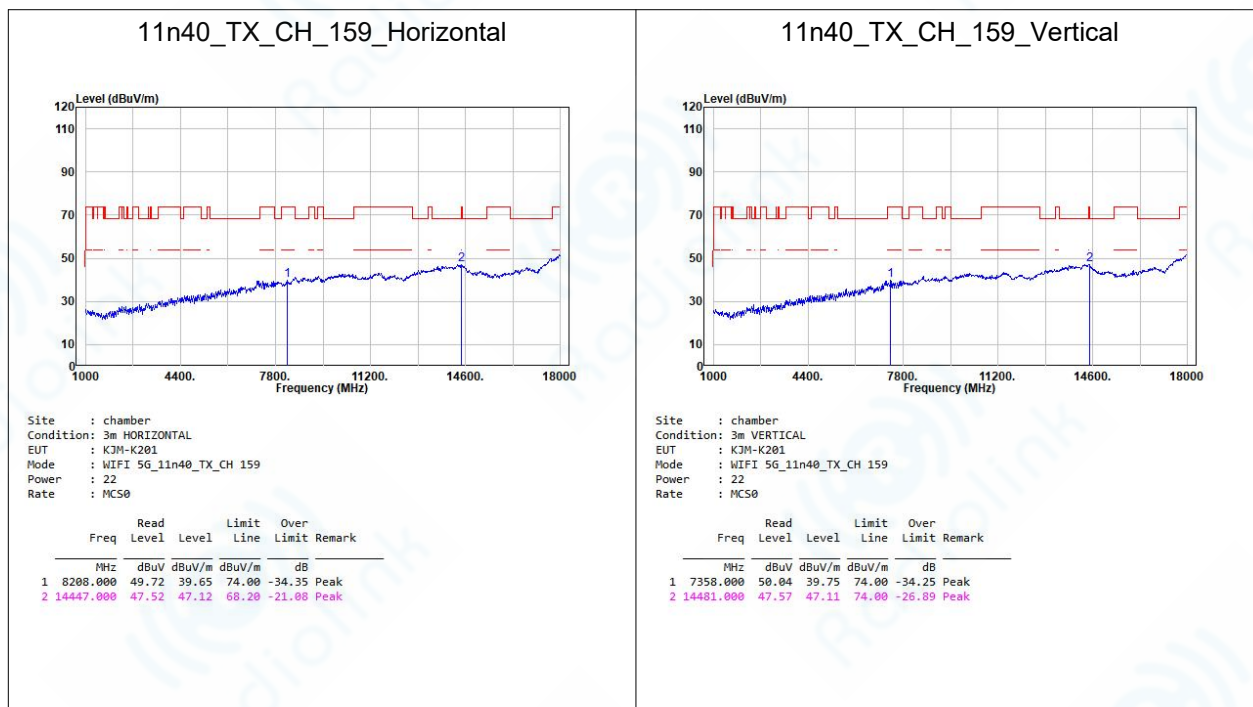
Site : chamber
Condition: 3m VERTICAL
EUT : KJM-K201
Mode : WIFI 5G_11n40_TX_CH 151
Power : 22
Rate : MCS0

	Read	Level	Limit	Over	
Freq	Level	Level	Line	Limit	Remark
MHz	dBuV	dBuV/m	dBuV/m	dB	
1 7188.000	50.56	39.97	68.20	-28.23	Peak
2 14464.000	47.37	46.94	68.20	-21.26	Peak

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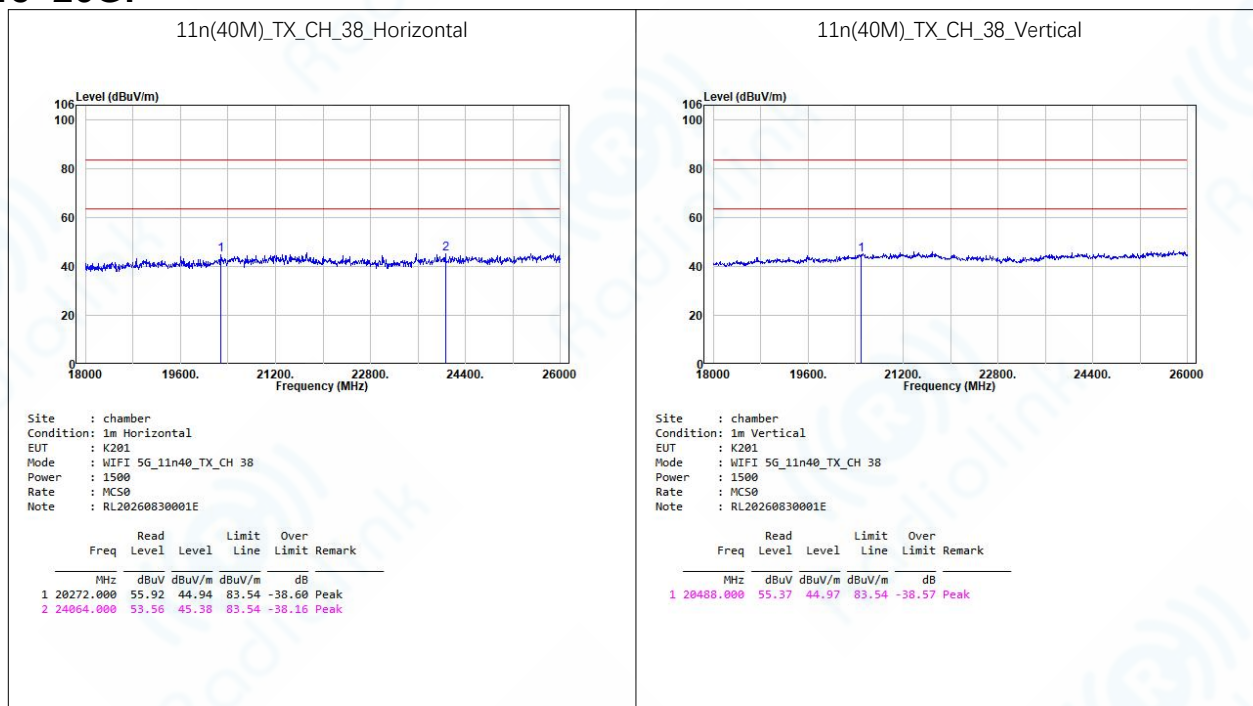


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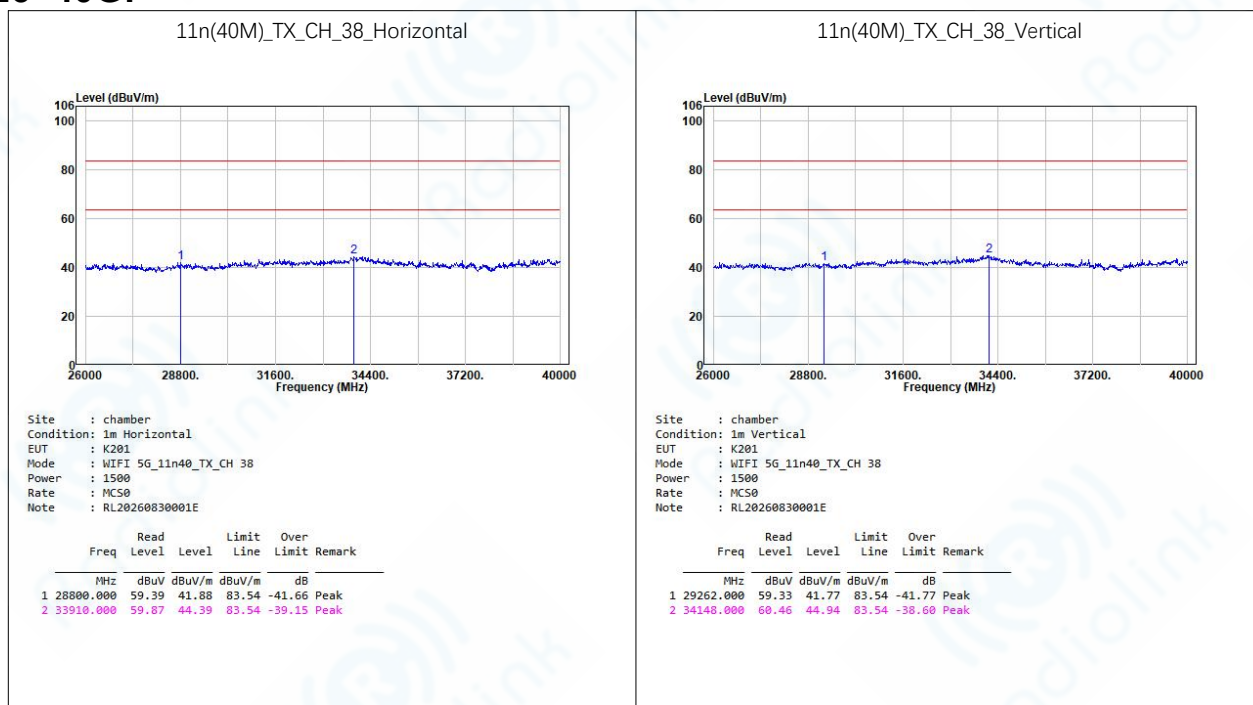
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18~26G:



26~40G:



Note: Radiated spurious emissions at 18-40 GHz were measured at 1 m distance inside the chamber due to test configuration. The regulatory limit (74/54 dBuV/m @ 3 m) was extrapolated to 1 m using $20\log_{10}(3/1) = +9.54$ dB, resulting in 83.54 dBuV/m (Peak) and 63.54 dBuV/m (Avg) at 1 m. Background noise was sufficiently low at this 1 m setup.

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