TEST REPORT

of

FCC PART 15 SUBPART E

Limited Modular Approval

☐ New Application; ☐ Class I PC; ☒ Class II PC

Product :	**Digital Transmission Systems**
Brand:	**DynaScan**
Model:	**FBP206**
Model Difference:	**N/A**
FCC ID:	**2AKWYFBP206**
FCC Rule Part:	**§15.407, Cat:NII**
Applicant:	**Dynascan Technology Corp.**
Address:	**6F., No. 88, Wenmao Rd., Guishan Dist., Taoyuan City 333001, Taiwan**

Test Performed by:

International Standards Laboratory Corp. LT Lab.
TEL: +886-3-263-8888 FAX: +886-3-263-8899
No. 120, Lane 180, Hsin Ho Rd., Lung-Tan Dist., Tao Yuan City 325, Taiwan

Report No.: **ISL-23LR0131FE**
Issue Date :**October 31, 2023**

Test results given in this report apply only to the specific sample(s) tested and are traceable to national or international standard through calibration of the equipment and evaluating measurement uncertainty herein.
The uncertainty of the measurement does not include in consideration of the test result unless the customer required the determination of uncertainty via the agreement, regulation or standard document specification.
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VERIFICATION OF COMPLIANCE

Applicant:	Dynascan Technology Corp.
Product Description:	Digital Transmission Systems
Brand Name:	DynaScan
Model No.:	FBP206
Model Difference:	N/A
FCC ID:	2AKWYFBP206
Date of test:	September 18, 2023 ~ October 31, 2023
Date of EUT Received:	September 18, 2023
Test Frim	TW0997

We hereby certify that:

All the tests in this report have been performed and recorded in accordance with the standards described above and performed by an independent electromagnetic compatibility consultant, International Standards Laboratory Corp.

The test results contained in this report accurately represent the measurements of the characteristics and the energy generated by sample equipment under test at the time of the test. The sample equipment tested as described in this report is in compliance with the limits of above standards.

Test By:	Jason Chao	***Date:***	October 31, 2023
	Jason Chao / Senior Engineer		
Prepared By:	Gigi Yeh	***Date:***	October 31, 2023
	Gigi Yeh / Senior Engineer		
Approved By:	Jerry Liu	***Date:***	October 31, 2023
	Jerry Liu / Manager		

Version

Version No.	Date	Description
00	October 31, 2023	This report is a Class II change partial report. Therefore, only test item of Radiated Spurious Emissions tests and Effective Radiated Power and Conducted Emission tests and Band-edges tests were performed for this report. Other testing data please refer to Intertek report no.: 220500397THC-001 & 220500398THC-001 (Limited module, Brand: DynScan, Model: FBP206, FCC ID: 2AKWYFBP206).

Uncertainty of Measurement

ISO/IEC 17025 requires that an estimate of measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Parameters	Uncertainty (k=2)
Conducted Emission (AC power line)	±0.64 dB
Spurious emissions, radiated	±3.5 dB
RF power, conducted	±1.6 dB
Power Density	±1.7 dB
RF Frequency	±0.0041%
Time	±0.01%
DC Voltage	±0.03%

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1. General Information

1.1. Product Description

General Information		
Product Name:	Digital Transmission Systems	
Brand Name:	DynaScan	
Model Name:	FBP206	
Model Difference:	N/A	
Rated Power:	DC 3.3V	
Host Information		
Product Name:	Display	
Model Name:	65514	
Temperature Range:	0°C to +45°C	
Power Supply:	120Vac/60Hz	
	Battery:	Model: CR2032W; Supplier: KTS
	Power Supply:	Model: LRS-100-24 ; Supplier: Mean Well Model: UHP-350-24 ; Supplier: Mean Well Model: EPP-200-12 ; Supplier: Mean Well
WiFi Information		
Frequency Range:	WLAN 5GHz Band U-NII-1 5150~5250MHz U-NII-3 5725~5850MHz	
Max Output Power:	5150MHz ~ 5250MHz:16.23dBm 5725MHz ~ 5850MHz:20.8dBm	
Channel number:	WLAN 5GHz Band 802.11a U-NII-1 : 4 channels 802.11a U-NII-3 : 5 channels 802.11ac(VHT20) U-NII-1 : 4 channels 802.11ac(VHT20) U-NII-3 : 5 channels 802.11ac(VHT40) U-NII-1 : 2 channels 802.11ac(VHT40) U-NII-3 : 2 channels 802.11ac(VHT80) U-NII-1 : 1 channels 802.11ac(VHT80) U-NII-3 : 1 channels	

Product HW Version:	RTL8822CU_WiFi_linux_v5
Product SW Version:	RTL8822CU_WiFi_linux_v5
Product FW Version:	RTL8822CU_WiFi_linux_v5
Test SW Version:	WLAN Test Tool Ver.2.8.0
RF power setting:	

Band	Mode	Freq. (MHz)	Output Power (dBm)			
			Chain 0	Chain 1	Chain 2	Chain 3
UNII-1	11a	5180	81	80	86	70
		5220	82	77	80	68
		5240	83	78	80	70
	VHT20	5180	85	78	76	73
		5220	84	78	74	71
		5240	87	80	77	77
	VHT40	5190	80	79	75	72
		5230	100	97	96	91
	VHT80	5210	93	87	87	80

Band	Mode	Freq. (MHz)	Output Power (dBm)			
			Chain 0	Chain 1	Chain 2	Chain 3
UNII-3	11a	5745	113	108	105	100
		5785	113	105	100	100
		5825	108	105	98	100
	VHT20	5745	115	110	104	105
		5785	110	107	96	100
		5825	110	107	97	106
	VHT40	5755	110	105	107	102
		5795	110	109	105	101
	VHT80	5775	110	108	104	103

	Antenna Type	Brand	Model	Peak Gain (dBi)	Frequency Range	Connector Type
1	PIFA	INPAQ	RFMTA34071AIMLB401	-3.04 dB	2400-2500MHz	IPEX(Gold)
				-2.31 dB	5150-5850MHz	

1.2. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for **FCC ID: 2AKWYFBP206** filing to comply with Section 15.407 of the FCC Part 15, Subpart E Rules.

1.3. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.10: 2013. Radiated testing was performed at an antenna to EUT distance 3 meters.

KDB Document: 789033 D02 General U-NII Test Procedures New Rules v02r01

FCC 14-30 Revision UNII

594280 D02 U-NII Device Security v01r03

1.4. Test Facility

The measurement facilities used to collect the 3m Radiated Emission and AC power line conducted data are located on the address of International Standards Laboratory Corp. <LT Lab.> No. 120, Lane 180, Hsin Ho Rd., Lung-Tan Dist., Tao Yuan City 325, Taiwan which are constructed and calibrated to meet the FCC requirements in documents ANSI C63.10: 2013. FCC Registration Number is: 487532; Designation Number is: TW0997.

1.5. Special Accessories

Not available for this EUT intended for grant.

1.6. Equipment Modifications

Not available for this EUT intended for grant.

2. System Test Configuration

2.1. EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2. EUT Exercise

The EUT (Transmitter) was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements.

2.3. Test Procedure

2.3.1 Conducted Emissions

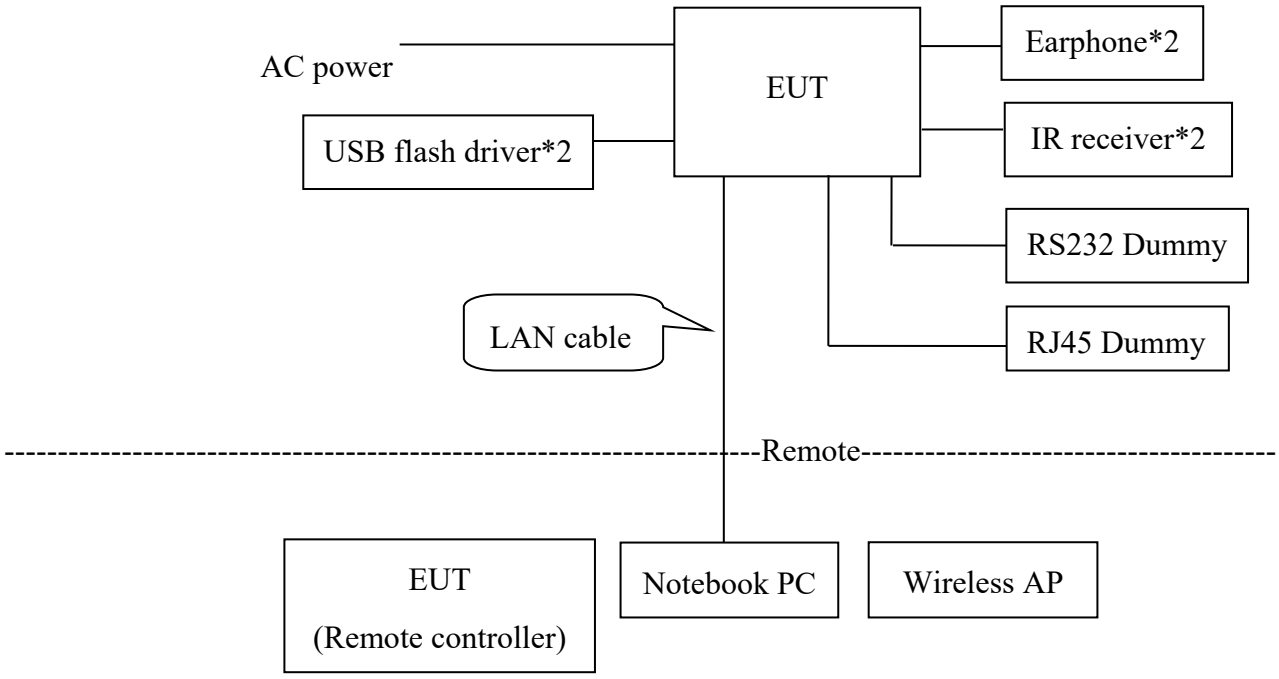
The EUT is a placed on as turn table which is 0.8 m above ground plane. According to the requirements in Section 6 of ANSI C63.10: 2013. Con-ducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR 16-1-1 Quasi-Peak and Average detector mode.

2.3.2 Radiated Emissions

The EUT is a placed on a turntable which is 0.8 m/1.5m (Frequency above 1GHz) above the ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. The EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. To find out the maximum emission, the relative positions of this hand-held transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made “while keeping the antenna in the ‘cone of radiation’ from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response.” is still within the 3dB illumination BW of the measurement antenna according to the requirements in Section 6, 11 and 12 of ANSI C63.10: 2013.

2.4. Configuration of Tested System

Fig. 2-1 Configuration of Tested System



Equipment Used in Tested System

Item	Equipment	Mfr/Brand	Model/ Type No.	Series No.	Data Cable	Power Cord
1	Notebook PC	Lenovo	TP00018A	R9-KD8WD	10m	1.8m
2	USB flash driver*2	Transcend	TS16GJF700	NA	NA	NA
3	Earphone*2	HTC	RC-E160	NA	1.4m	NA
4	Wireless AP	NETGEAR	RAXE500	NA	NA	1.8m
5	RS232 dummy	NA	NA	NA	1.5m	NA
6	RJ45 dummy	NA	NA	NA	1.5m	NA
7	IR receiver	Dynascan	NA	NA	2m	NA
8	Remote con-troller	Dynascan	NA	NA	NA	NA

3. Summary of Test Results

FCC Rules	Description Of Test	Result
§15.207	AC Power Line Conducted Emission	Compliant
§15.407(a)(2)	Output Power/ EIRP/ Spectral Density Measurement	Compliant
§15.407(b)	Undesirable Emission – Radiated Measurement	Compliant
§15.407(c)	Transmission in case of Absence of Information	Compliant

4. Description of Test Modes

The EUT has been tested under operating condition.
Test program used to control the EUT for staying in continuous transmitting mode is programmed.

Note: Test item list below has been re-verified:

1. AC Power Line Conducted Emission
2. RF Output power
3. Transmitter spurious emissions below 1GHz
4. Transmitter spurious emissions above 1GHz
5. Radiated Emission Band Edge

Radiated emission test was performed on EUT under continuously transmitting mode. The worst case occurred at 5G 802.11ac(VHT20) channel 44(5220MHz).

		Radiated emission		
UNII-1 Mode	channel	9k~30MHz	30M~1GHz	above 1GHz
802.11a	36			V
	44			V
	48			V
802.11ac(VHT20)	36			V
	44	V	V	V
	48			V
802.11ac(VHT40)	38			V
	46			V
802.11ac(VHT80)	42			V

		Radiated emission		
UNII-3 Mode	channel	9k~30MHz	30M~1GHz	above 1GHz
802.11a	149			V
	157			V
	165			V
802.11ac(VHT20)	149			V
	157			V
	165			V
802.11ac(VHT40)	151			V
	159			V
802.11ac(VHT80)	155			V

5. Conduced Emission Test

5.1. Standard Applicable

According to §15.207, frequency range within 150kHz to 30MHz shall not exceed the Limit table as below.

Frequency range MHz	Limits dB(uV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50
Note 1.The lower limit shall apply at the transition frequencies 2.The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.		

5.2. Measurement Equipment Used:

Location	Equipment Name	Brand	Model	S/N	Last Cal. Date	Next Cal. Date
Conduction 02	EMI Receiver 19	R&S	ESR3	102460	05/08/2023	05/08/2024
Conduction 02	Coaxial Cable-01	HUBER+SUHNER	RG 400/U	Coaxial Cable-01	09/11/2023	09/11/2024
Conduction 02	LISN 26	R&S	ENV216	102378	12/08/2022	12/08/2023
Conduction 02	LISN 15	R&S	ENV216	101335	12/08/2022	12/08/2023
Conduction 02	ISN T8 CAT6A_02	SCHWARZBECK	NTFM 8158	NTFM 8158-00370	07/07/2023	07/07/2024
Conduction 02	ISN T4 07	TESEQ	ISN T400A	30449	08/05/2023	08/05/2024
Conduction 02	ISN T8 10	TESEQ	ISN T800	42773	08/07/2023	08/07/2024
Conduction 02	CDN ISN ST08A_1	Teseq GmbH	CDN ISN ST08A	43352	09/27/2023	09/27/2024
Conduction 02	Capacitive Voltage Probe 01	SCHAFFNER	CVP 2200A	18711	02/22/2023	02/22/2024
Conduction 02	Current Probe	SCHAFFNER	SMZ 11	18030	02/22/2023	02/22/2024

5.3. EUT Setup:

1. The conducted emission tests were performed in the test site, using the setup in accordance with the ANSI C63.10: 2013
2. The AC/DC Power adaptor of EUT was plug-in LISN. The EUT was placed flushed with the rear of the table.
3. The LISN was connected with 120Vac/60Hz power source.

5.4. Measurement Procedure:

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured were complete.
4. Both 120V & 240V have been verified, and 120V/60Hz was defined as the worst-case and record in the report.

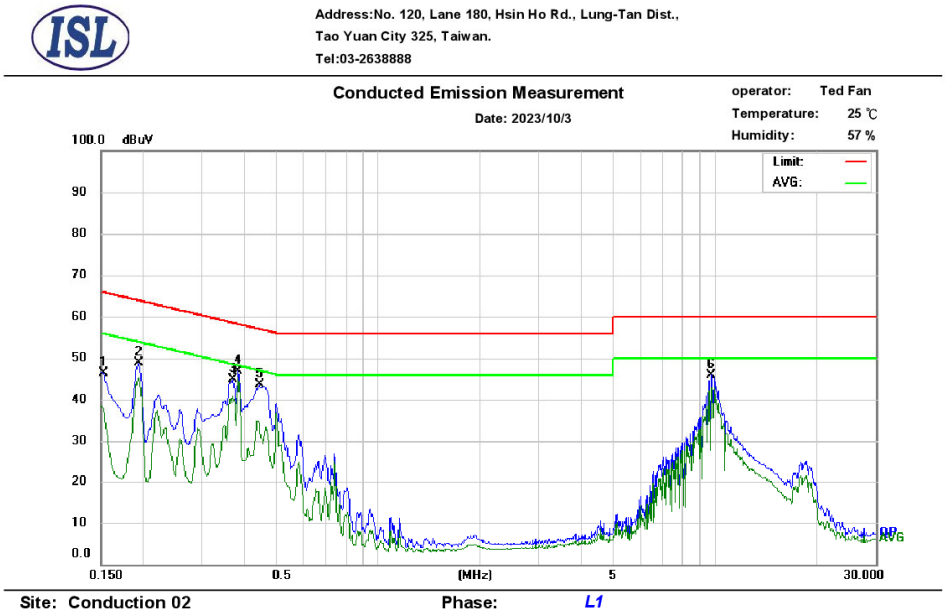
5.5. Measurement Result:

The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range. Significant peaks are then marked as shown on the following data page, and these signals are then quasi-peaked.

Note: Refer to next page for measurement data and plots.

AC POWER LINE CONDUCTED EMISSION TEST DATA

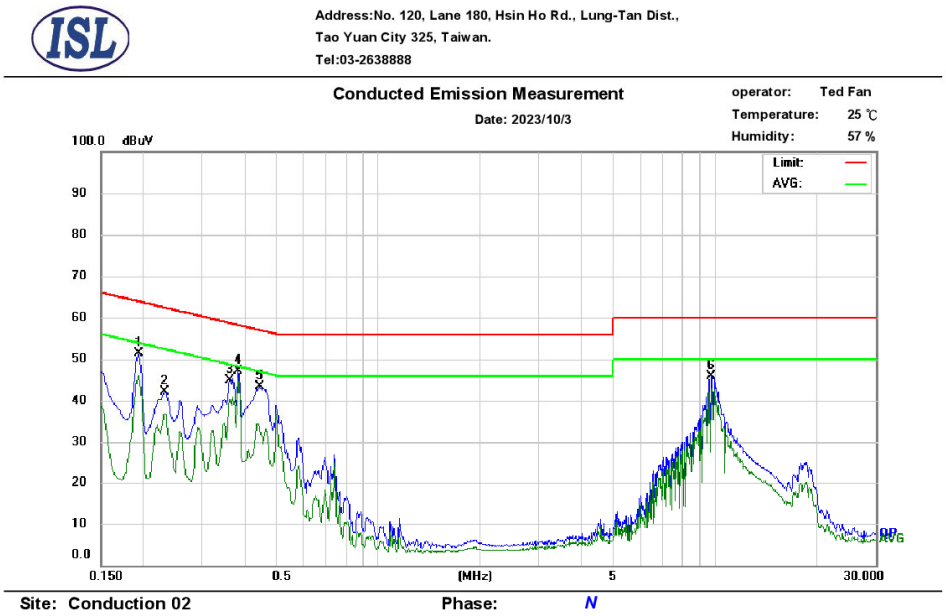
- Line



No.	Frequency (MHz)	QP_R (dBuV)	AVG_R (dBuV)	Correct Factor (dB)	QP Emission (dBuV)	QP Limit (dBuV)	QP Margin (dB)	AVG Emission (dBuV)	AVG Limit (dBuV)	AVG Margin (dB)
1	0.154	35.26	25.38	9.64	44.90	65.78	-20.88	35.02	55.78	-20.76
2	0.193	39.33	35.82	9.64	48.97	63.92	-14.95	45.46	53.92	-8.46
3	0.368	34.92	30.24	9.64	44.56	58.54	-13.98	39.88	48.54	-8.66
4*	0.384	37.27	35.78	9.65	46.92	58.19	-11.27	45.43	48.19	-2.76
5	0.443	33.87	24.56	9.65	43.52	57.01	-13.49	34.21	47.01	-12.80
6	9.713	36.03	33.12	9.88	45.91	60.00	-14.09	43.00	50.00	-7.00

Note:
Margin = QP/AVG Emission - Limit
QP/AVG Emission = QP_R/AVG_R + Correct Factor
Correct Factor = LISN Loss + Cable Loss
The frequency spectrum graph is for final peak graph, and the attached table is for QP/AVG test result.
If peak data can pass, it will be shown in “QP/AVG Correct” column, if not, QP/AVG data will instead.

- Neutral



No.	Frequency (MHz)	QP_R (dBuV)	AVG_R (dBuV)	Correct Factor (dB)	QP Emission (dBuV)	QP Limit (dBuV)	QP Margin (dB)	AVG Emission (dBuV)	AVG Limit (dBuV)	AVG Margin (dB)
1	0.193	41.71	36.40	9.63	51.34	63.92	-12.58	46.03	53.92	-7.89
2	0.231	32.49	27.17	9.64	42.13	62.41	-20.28	36.81	52.41	-15.60
3	0.361	35.17	30.70	9.64	44.81	58.69	-13.88	40.34	48.69	-8.35
4*	0.384	37.49	35.79	9.65	47.14	58.19	-11.05	45.44	48.19	-2.75
5	0.443	33.64	24.33	9.65	43.29	57.01	-13.72	33.98	47.01	-13.03
6	9.713	36.07	32.93	9.90	45.97	60.00	-14.03	42.83	50.00	-7.17

Note:
Margin = QP/AVG Emission - Limit
QP/AVG Emission = QP_R/AVG_R + Correct Factor
Correct Factor = LISN Loss + Cable Loss
The frequency spectrum graph is for final peak graph, and the attached table is for QP/AVG test result.
If peak data can pass, it will be shown in “QP/AVG Correct” column, if not, QP/AVG data will instead.

6. OUTPUT POWER / EIRP /SPECTRAL DENSITY MEASUREMENT

6.1. Standard Applicable

According to §15.407(a) Power limits:

(1) For the band 5.15-5.25 GHz.

(i) For an outdoor access point operating in the band 5.15 – 5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15 – 5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15 – 5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15 – 5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBiare used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

6.2. Measurement Procedure

For Output Power

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter
3. Record the max. reading.
4. Repeat above procedures until all frequency measured were complete.

For Power Spectral Density

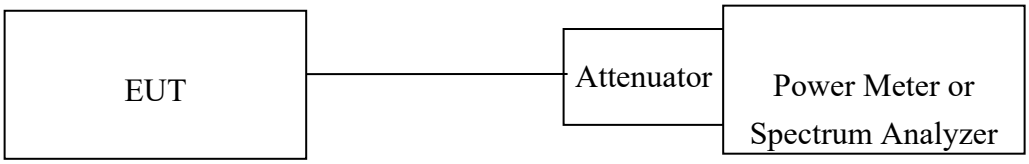
1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.
3. Set RBW=1MHz,VBW=3MHz, Span=50MHz (Base Mode), Sweep time = Auto, traces 100 sweeps of video averaging for 5150-5725MHz;
4. Set RBW=500kHz,VBW=1.5MHz, Span=60MHz (Base Mode), Sweep time = Auto, traces 100 sweeps of video averaging for 5725-5850MHz;
5. Record the max. reading.
6. Repeat above procedures until all frequency measured were complete.

Refer to KDB 789033 D02 General UNII Test Procedures New Rules v02r01

6.3. Measurement Equipment Used:

Location Conducted	Equipment Name	Brand	Model	S/N	Last Cal. Date	Next Cal. Date
Conducted	Power Meter	Anritsu	ML2495A	1116010	09/27/2023	09/27/2024
Conducted	Power Sensor	Anritsu	MA2411B	34NKF50	09/27/2023	09/27/2024
Conducted	Power Sensor	DARE	RPR3006W	13I00030SNO33	01/06/2023	01/06/2024
Conducted	Power Sensor	DARE	RPR3006W	13I00030SNO34	01/06/2023	01/06/2024
Conducted	Power Sensor	DARE	RPR3006W	14I00889SNO35	06/21/2023	06/21/2024
Conducted	Power Sensor	DARE	RPR3006W	14I00889SNO36	06/21/2023	06/21/2024
Conducted	Temperature Chamber	KSON	THS-B4H100	2287	05/17/2023	05/17/2024
Conducted	DC Power supply	ABM	8185D	N/A	01/04/2023	01/04/2024
Conducted	AC Power supply	EXTECH	CFC105W	NA	N/A	N/A
Conducted	Spectrum analyzer	Keysight	N9010A	MY56070257	09/26/2023	09/26/2024
Conducted	Test Software	DARE	Radiation Ver:2013.1.23	NA	NA	NA
Conducted	Test Software	R&S	CMUGO Ver:2.0.0	N/A	N/A	N/A
Conducted	Universal Radio Comm. Tester	R&S	CMU200	111968	11/19/2022	11/19/2023
Conducted	Wideband Radio Comm. Tester	R&S	CMW500	1201.002K50108 793-JG	10/31/2022	10/31/2023
Conducted	BT Simulator	Agilent	N4010A	MY48100200	NA	NA
Conducted	Signal Generator	Agilent	E4438C	MY49071550	12/28/2022	12/28/2023
Conducted	Signal Generator	Keysight	N5182B	MY53052399	12/28/2022	12/28/2023
Conducted (TS8997)	Wideband Radio Comm. Tester	R&S	CMW500	168811	09/13/2023	09/13/2024
Conducted (TS8997)	UP/DOWN converter	R&S	CMW-Z800A	100566	09/13/2023	09/13/2024
Conducted (TS8997)	Signal Generator	R&S	SMB100A	183701	09/14/2023	09/14/2024
Conducted (TS8997)	Vector Signal Generator	R&S	SMM100A	101908	09/13/2023	09/13/2024
Conducted (TS8997)	Signal analyzer 40GHz	R&S	FSV40	101884	09/13/2023	09/13/2024
Conducted (TS8997)	OSP150 extension unit CAM-BUS	R&S	OSP150	101107	09/15/2023	09/15/2024
Conducted (TS8997)	Test Software	R&S	EMC32 Ver: 11.60.00	NA	NA	NA

6.4. Measurement Equipment Used:



6.5. Measurement Result

According to §15.407(a)

(iv) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi.

Band	Mode	Freq. (MHz)	Output Power (dBm)				Duty Factor (dB)	Total Output Power (dBm)	Output Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
UNII-1	11a	5180	14.321	13.604	14.780	12.185	0.227	20.076	23.979
		5200	14.215	12.754	13.291	11.891	0.227	19.367	23.979
		5240	14.156	12.480	13.187	11.381	0.227	19.165	23.979
	VHT20	5180	14.635	13.016	13.556	12.236	0.126	19.596	23.979
		5200	13.853	12.625	13.748	11.796	0.126	19.233	23.979
		5240	14.381	12.684	13.715	12.371	0.126	19.509	23.979
	VHT40	5190	12.234	11.561	11.769	10.345	0.342	17.894	23.979
		5230	16.225	15.438	16.137	14.049	0.342	21.907	23.979
	VHT80	5210	13.631	12.471	12.290	10.880	0.708	19.155	23.979

Band	Mode	Freq. (MHz)	Output Power (dBm)				Duty Factor (dB)	Total Output Power (dBm)	Output Power Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3			
UNII-3	11a	5745	20.429	19.971	20.173	19.479	0.227	26.274	30
		5785	20.803	20.256	20.207	19.757	0.227	26.519	30
		5825	20.295	19.959	19.506	19.509	0.227	26.078	30
	VHT20	5745	20.237	19.759	20.195	19.514	0.126	26.084	30
		5785	20.402	19.766	19.732	19.656	0.126	26.046	30
		5825	20.064	19.740	19.745	20.140	0.126	26.073	30
	VHT40	5755	19.231	18.565	19.030	18.273	0.342	25.154	30
		5795	19.146	19.025	19.153	18.461	0.342	25.318	30
	VHT80	5775	18.331	17.841	17.286	17.031	0.708	24.381	30

7. Undesirable emission – Radiated Measurement

7.1. Standard Applicable

According to §15.407(b), Undesirable Emission Limits: Except as shown in Paragraph (b)(7) of this section, the peak emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(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: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

(5) The above emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.

(6) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in Section 15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in Section 15.207.

(7) The provisions of Section 15.205 of this part apply to intentional radiators operating under this section.

(8) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.

§15.205- RESTRICTED BANDS OF OPERATIONS

(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 -	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.52525	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	156.7 - 156.9	3260 - 3267	23.6 - 24.0
12.29 - 12.293	162.0125 - 167.17	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	167.72 - 173.2	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	240 - 285	3600 - 4400	([2])
13.36 - 13.41	322 - 335.4		

[1] Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

[2] Above 38.6

(b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

§15.209- RADIATED EMISSION LIMITS: GENERAL REQUIREMENTS

FCC PART 15.209

MEASURING DISTANCE OF 3 METER		
FREQUENCY RANGE (MHz)	FIELD STRENGTH (Microvolts/m)	FIELD STRENGTH (dBuV/m)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

7.2. EUT Setup

1. The radiated emission tests were performed in the 3 meter open-test site, using the setup in accordance with the ANSI C63.10: 2013
2. The EUT was put in the front of the test table. The host PC system was placed on the center of the back edge on the test table. The peripherals like modem, monitor printer, K/B, and mouse were placed on the side of the host PC system. The rear of the EUT and peripherals were placed flushed with the rear of the tabletop.
3. The keyboard was placed directly in the front of the monitor, flushed with the front tabletop. The mouse was placed next to the Keyboard, flushed with the back of keyboard.
4. The spacing between the peripherals was 10 centimeters.
5. External I/O cables were draped along the edge of the test table and bundle when necessary.
6. The host PC system was connected with 120Vac/60Hz power source.

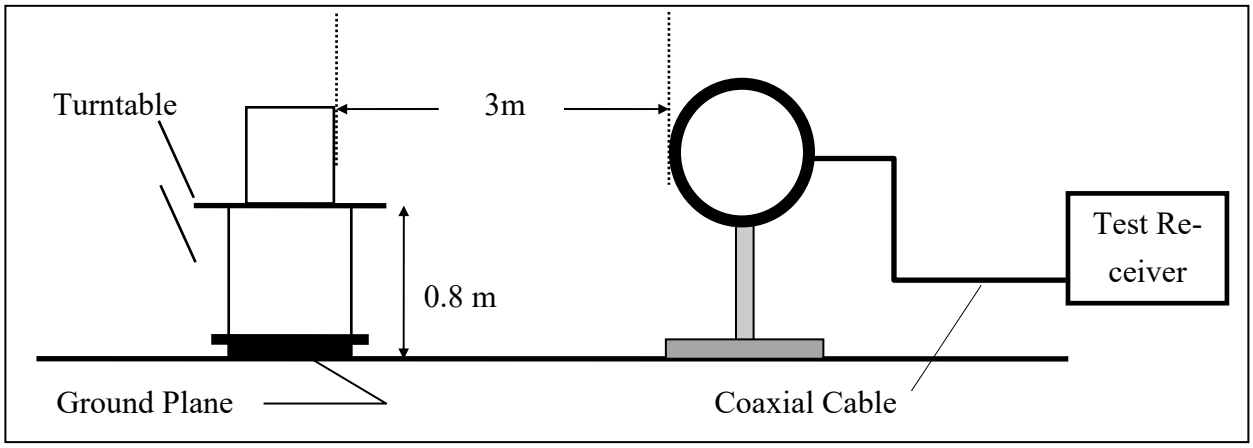
7.3. Measurement Procedure

1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until all frequency measured were complete.

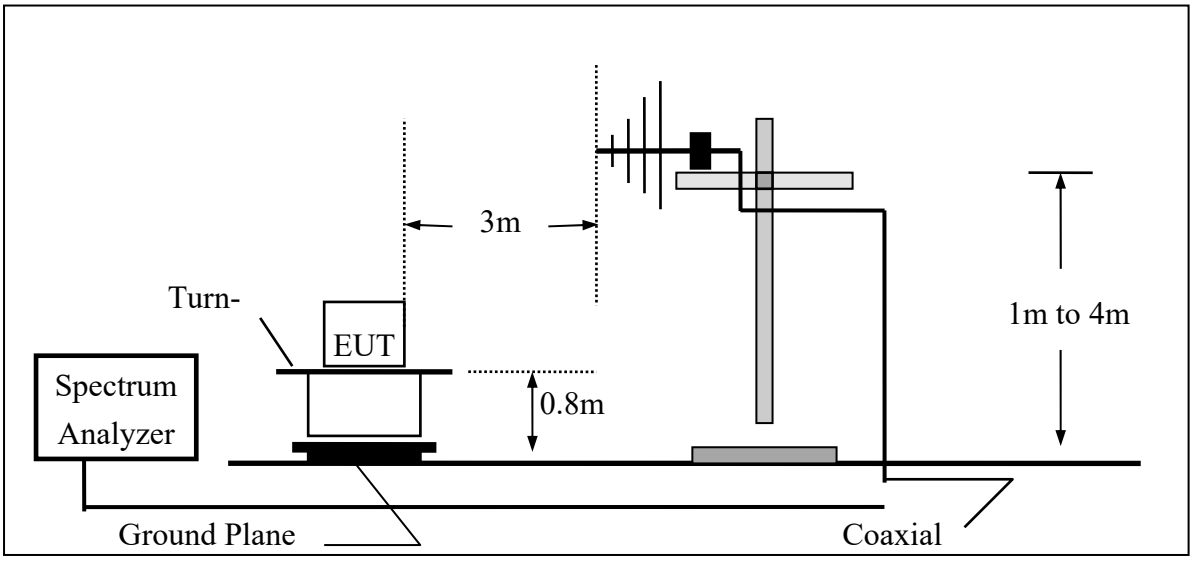
Refer to section F of KDB Document: KDB 789033 D02 General U-NII Test Procedures New Rules v02r01

7.4. Test SET-UP (Block Diagram of Configuration)

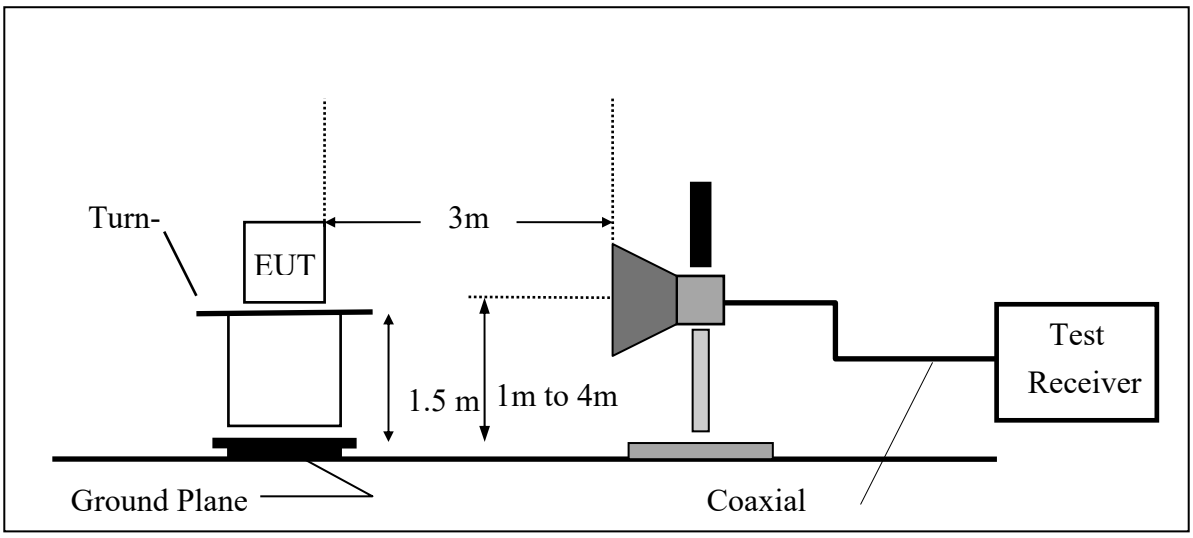
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



(B) Radiated Emission Test Set-Up, Frequency Below 1000MHz



(C) Radiated Emission Test Set-UP Frequency Over 1 GHz



7.5. Measurement Equipment Used:

Location	Equipment Name	Brand	Model	S/N	Last Cal. Date	Next Cal. Date
Chamber 19	Spectrum analyzer	R&S	FSV40	101919	08/16/2023	08/16/2024
Chamber 19	EMI Receiver	R&S	ESR3	102461	05/08/2023	05/08/2024
Chamber 19	Loop Antenna	EM	EM-6879	271	10/02/2023	10/02/2024
Chamber 19	Bilog Antenna (30MHz-1GHz)	Schwarzbeck	VULB9168 w 6dB Att.	9168-736	03/09/2023	03/09/2024
Chamber 19	Horn antenna (1GHz-18GHz)	ETS・LINDGREN	3117	00218718	10/04/2023	10/04/2024
Chamber 19	Horn antenna (18GHz-26GHz)	Com-power	AH-826	081001	11/24/2022	11/24/2023
Chamber 19	Horn antenna (26GHz-40GHz)	Com-power	AH-640	100A	03/25/2023	03/25/2024
Chamber 19	Preamplifier (9kHz-3GHz)	EM	EM330	060822	01/05/2023	01/05/2024
Chamber 19	Preamplifier (1GHz-26GHz)	HP	8449B	3008A02471	10/26/2022	10/26/2023
Chamber 19	Preamplifier (26GHz-40GHz)	MITEQ	JS4-26004000-27-5A	818471	05/04/2023	05/04/2024
Chamber 19	RF Cable (9kHz-26.5GHz)	Huber Suhner & Woken	Sucoflex 104A & 18GHz SMA(M)-SMA(M)-10M	MY817/4A & 20200525	12/21/2022	12/21/2023
Chamber 19	RF Cable (18GHz-40GHz)	HUBER SUHNER	Sucoflex 102	27963/2&37421/2	11/23/2022	11/23/2023
Chamber 19	Signal Generator	Anritsu	MG3692A	20311	12/29/2022	12/29/2023
Chamber 19	Test Software	Audix	E3 Ver:6.120203b	N/A	N/A	N/A

7.6. Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AG

Where	FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
	RA = Reading Amplitude	AG = Amplifier Gain
	AF = Antenna Factor	

Factor= AF + CL – AG

7.7. Measurement Result

Refer to attach tabular data sheets.

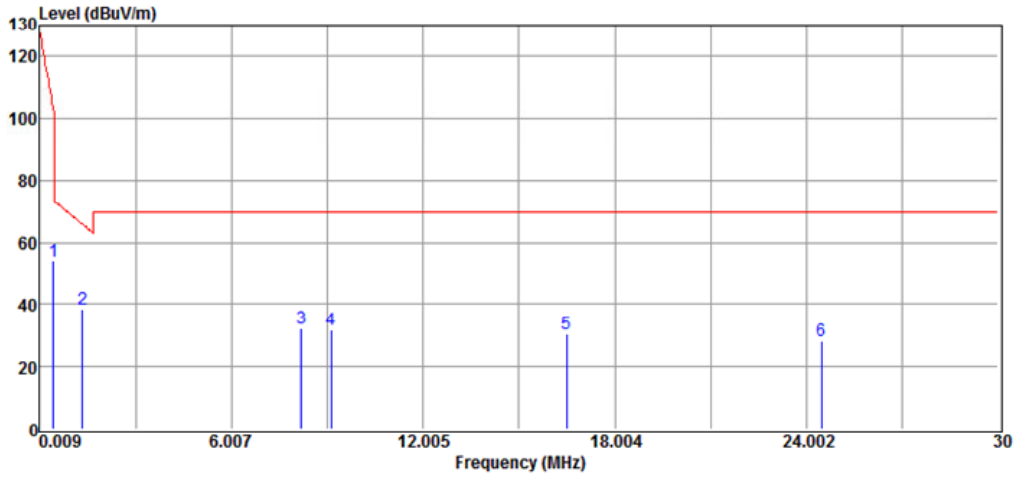
NOTE:

The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 100kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz. And RBW 1MHz for frequency above 1GHz.

Radiated Spurious Emission Measurement Result (below 30M)

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-17

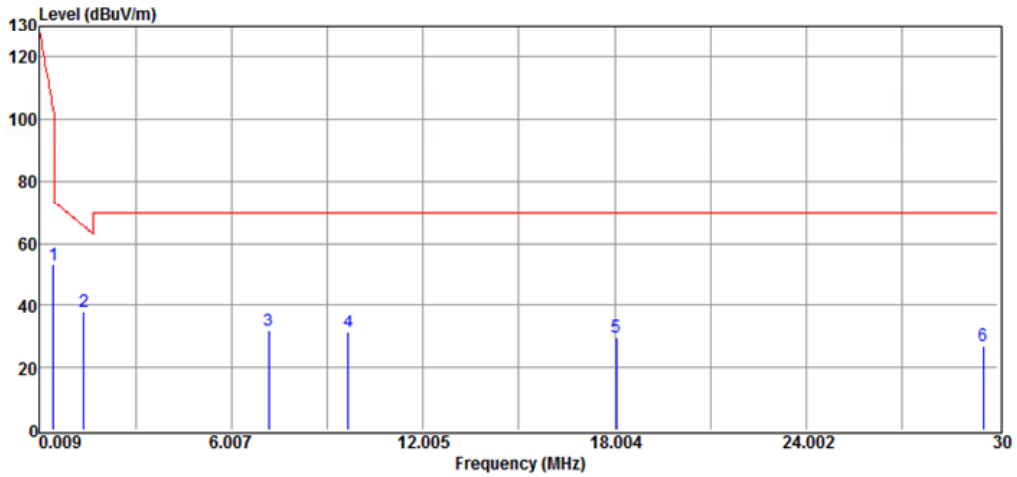
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 mid ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	0.43	38.03	15.90	53.93	103.62	-49.69	Peak	Perpendicular
2	1.36	28.55	9.73	38.28	65.78	-27.50	Peak	Perpendicular
3	8.20	24.35	8.00	32.35	69.54	-37.19	Peak	Perpendicular
4	9.13	24.15	7.72	31.87	69.54	-37.67	Peak	Perpendicular
5	16.50	23.21	7.06	30.27	69.54	-39.27	Peak	Perpendicular
6	24.48	22.83	5.43	28.26	69.54	-41.28	Peak	Perpendicular

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-17

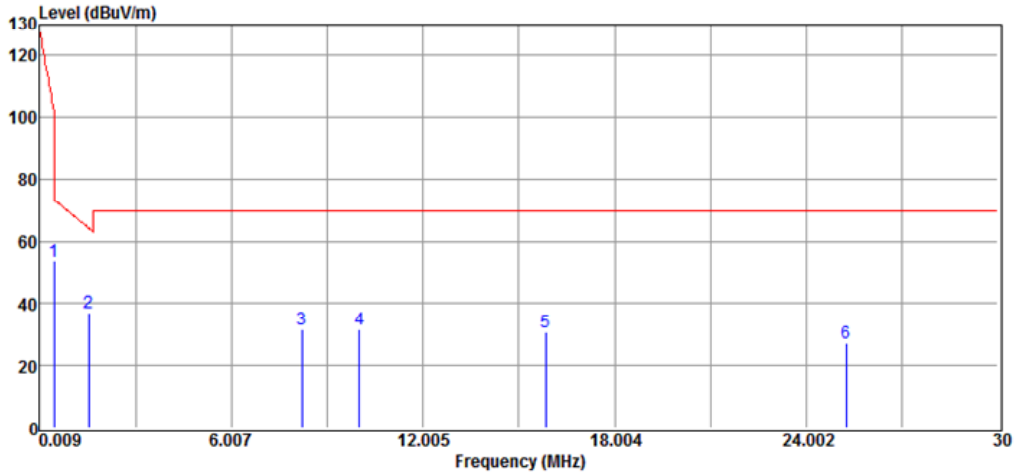
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 mid ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	0.43	37.39	15.90	53.29	103.62	-50.33	Peak	Parallel
2	1.39	28.33	9.65	37.98	65.53	-27.55	Peak	Parallel
3	7.18	23.78	8.12	31.90	69.54	-37.64	Peak	Parallel
4	9.67	23.72	7.68	31.40	69.54	-38.14	Peak	Parallel
5	18.06	22.31	7.15	29.46	69.54	-40.08	Peak	Parallel
6	29.55	20.69	6.20	26.89	69.54	-42.65	Peak	Parallel

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-17

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 mid ch. tx Tested by : Jason Chao

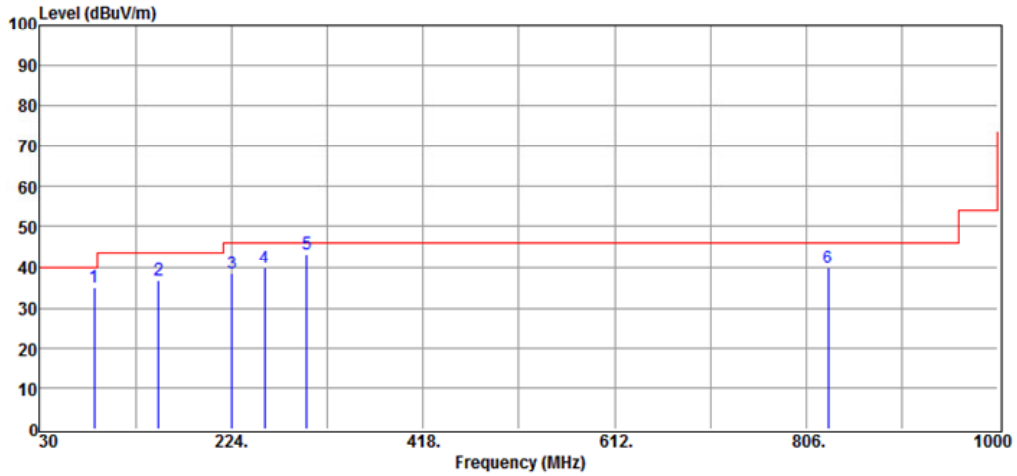


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	0.46	38.21	15.49	53.70	101.84	-48.14	Peak	Ground parallel
2	1.54	27.93	9.27	37.20	64.28	-27.08	Peak	Ground parallel
3	8.23	23.87	7.99	31.86	69.54	-37.68	Peak	Ground parallel
4	10.03	24.07	7.67	31.74	69.54	-37.80	Peak	Ground parallel
5	15.84	23.88	7.07	30.95	69.54	-38.59	Peak	Ground parallel
6	25.26	21.81	5.56	27.37	69.54	-42.17	Peak	Ground parallel

Radiated Spurious Emission Measurement Result (below 1GHz)

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-17

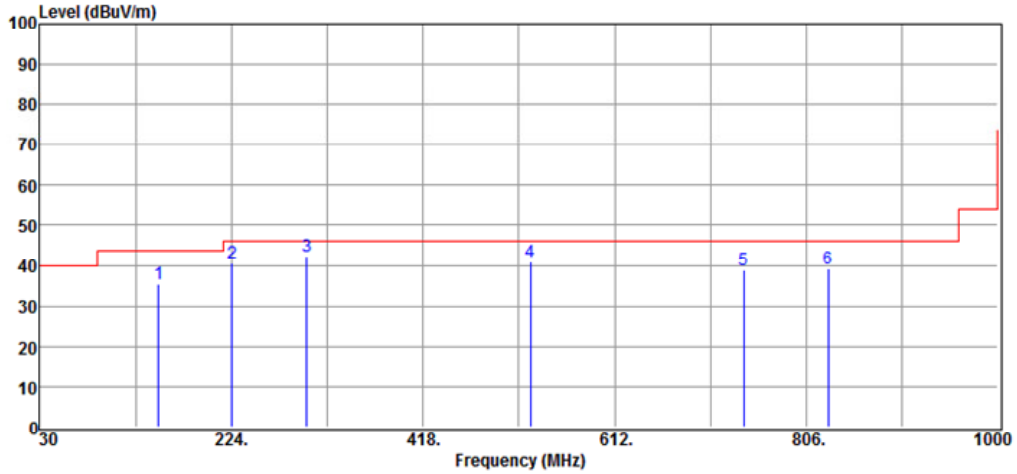
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 mid ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	85.29	51.06	-15.90	35.16	40.00	-4.84	Peak	VERTICAL
2	150.28	46.97	-10.12	36.85	43.50	-6.65	Peak	VERTICAL
3	224.97	51.74	-13.20	38.54	46.00	-7.46	Peak	VERTICAL
4	257.95	50.65	-10.93	39.72	46.00	-6.28	Peak	VERTICAL
5	300.63	52.63	-9.49	43.14	46.00	-2.86	Peak	VERTICAL
6	828.31	38.38	1.65	40.03	46.00	-5.97	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-17

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 mid ch. tx Tested by : Jason Chao

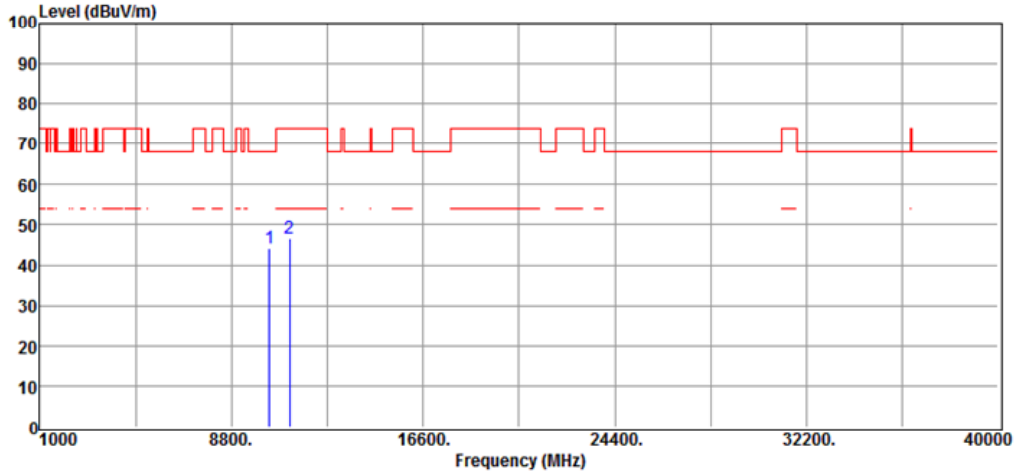


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	150.28	45.55	-10.12	35.43	43.50	-8.07	Peak	HORIZONTAL
2	224.97	53.90	-13.20	40.70	46.00	-5.30	Peak	HORIZONTAL
3	300.63	51.74	-9.49	42.25	46.00	-3.75	Peak	HORIZONTAL
4	526.64	44.75	-3.79	40.96	46.00	-5.04	Peak	HORIZONTAL
5	742.95	38.16	0.66	38.82	46.00	-7.18	Peak	HORIZONTAL
6	828.31	37.48	1.65	39.13	46.00	-6.87	Peak	HORIZONTAL

Radiated Spurious Emission Measurement Result (above 1GHz)

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

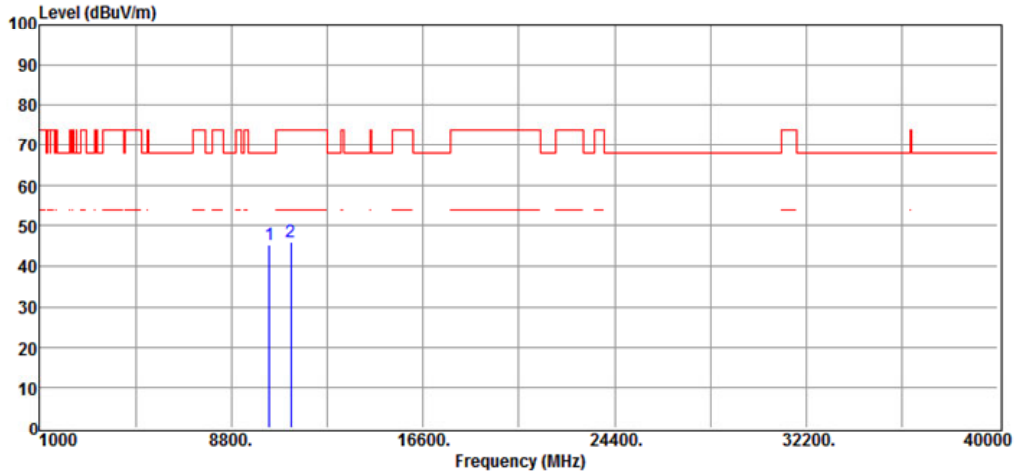
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 11a low ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10360.00	32.06	12.38	44.44	68.20	-23.76	Peak	VERTICAL
2	11179.00	32.79	13.95	46.74	74.00	-27.26	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

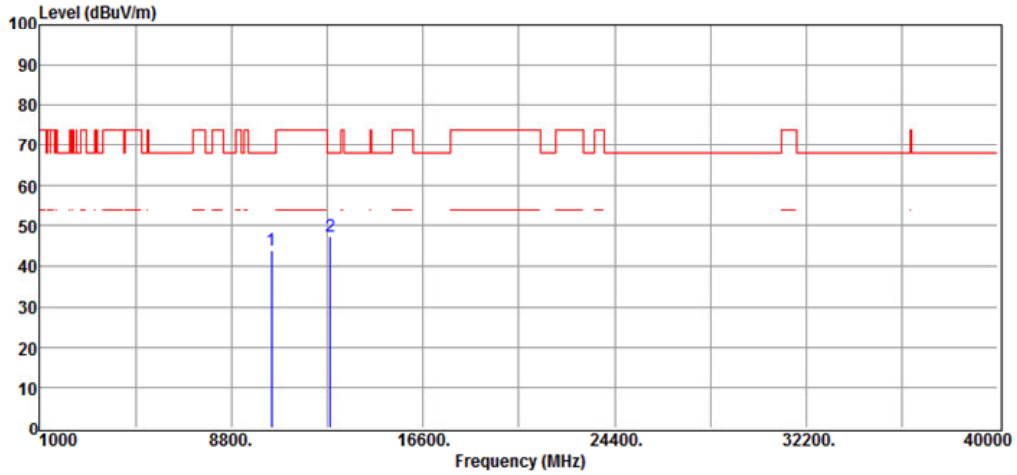
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 11a low ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10360.00	33.02	12.38	45.40	68.20	-22.80	Peak	HORIZONTAL
2	11218.00	32.11	13.99	46.10	74.00	-27.90	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

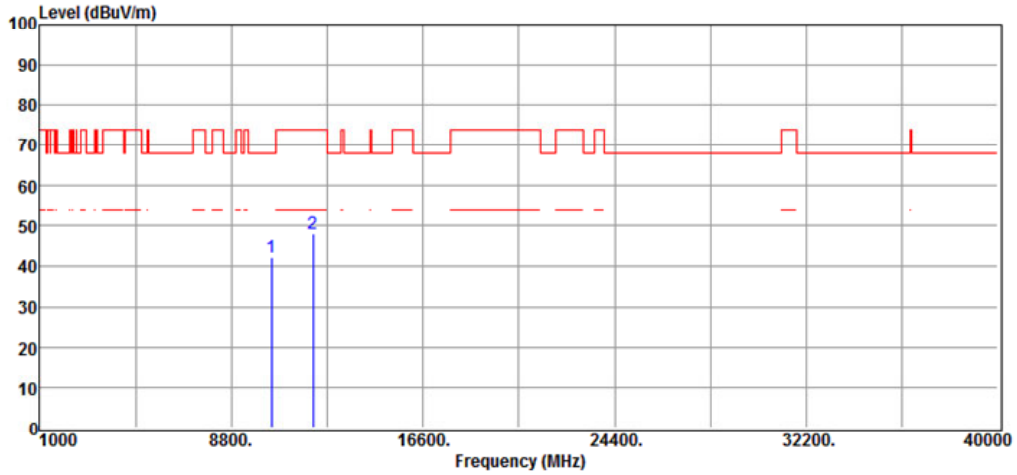
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 11a mid ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10440.00	31.33	12.62	43.95	68.20	-24.25	Peak	VERTICAL
2	12817.00	30.30	17.22	47.52	68.20	-20.68	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

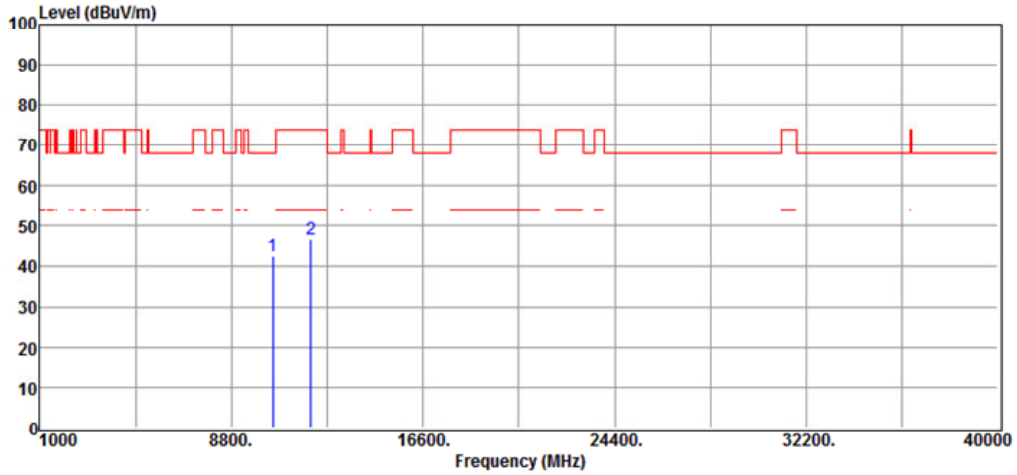
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 11a mid ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10440.00	29.80	12.62	42.42	68.20	-25.78	Peak	HORIZONTAL
2	12115.00	32.73	15.45	48.18	74.00	-25.82	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

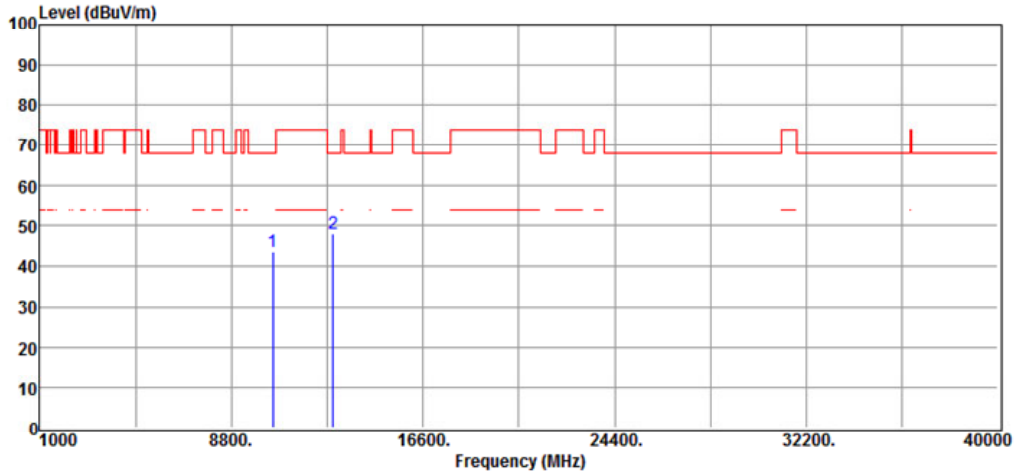
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 11a high ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10480.00	30.06	12.68	42.74	68.20	-25.46	Peak	VERTICAL
2	12037.00	31.58	15.22	46.80	74.00	-27.20	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

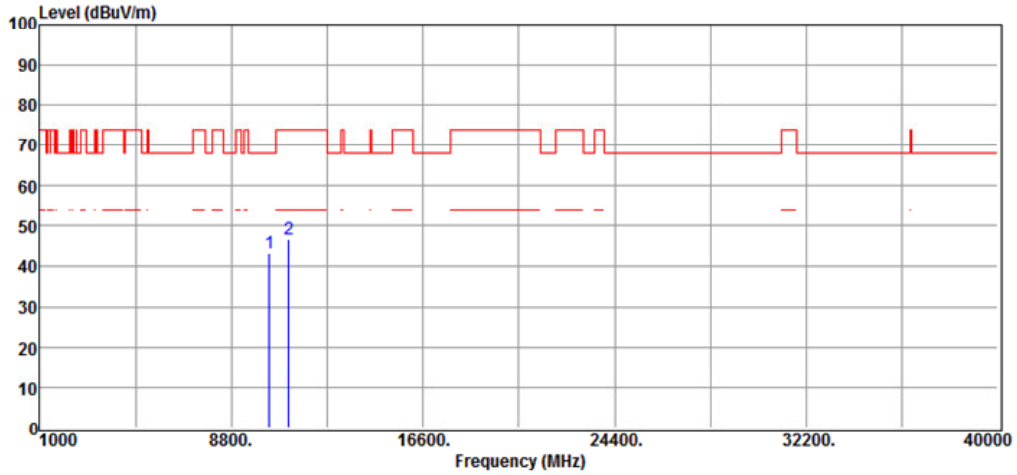
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 11a high ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10480.00	30.91	12.68	43.59	68.20	-24.61	Peak	HORIZONTAL
2	12934.00	30.77	17.50	48.27	68.20	-19.93	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

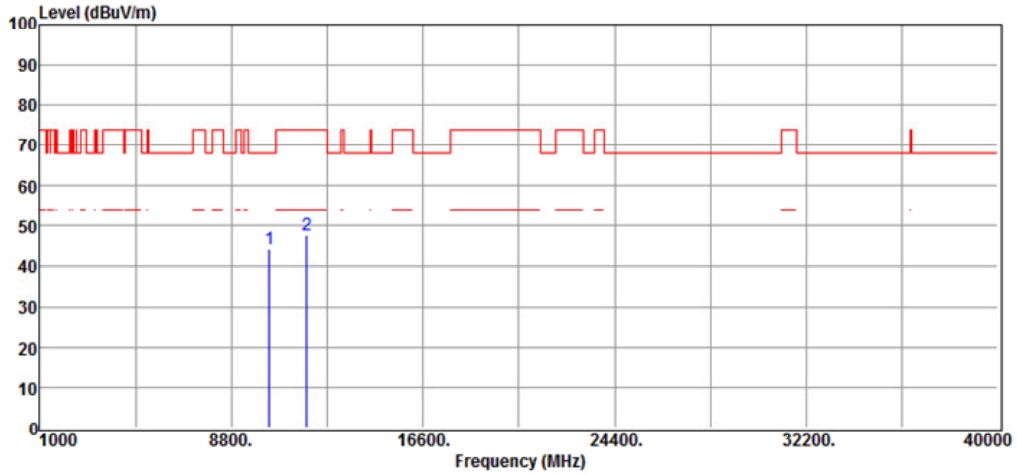
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 low ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10360.00	31.05	12.38	43.43	68.20	-24.77	Peak	VERTICAL
2	11140.00	32.80	13.93	46.73	74.00	-27.27	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

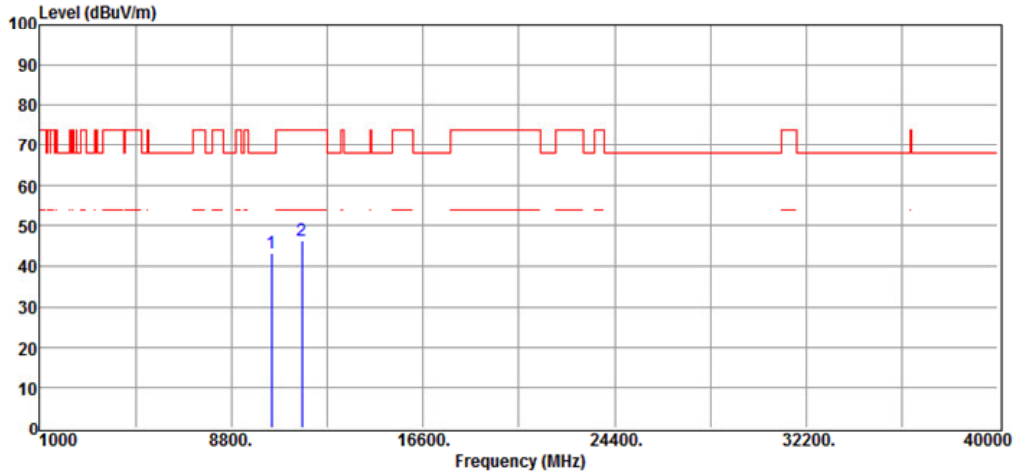
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 low ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10360.00	32.04	12.38	44.42	68.20	-23.78	Peak	HORIZONTAL
2	11881.00	32.76	14.92	47.68	74.00	-26.32	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

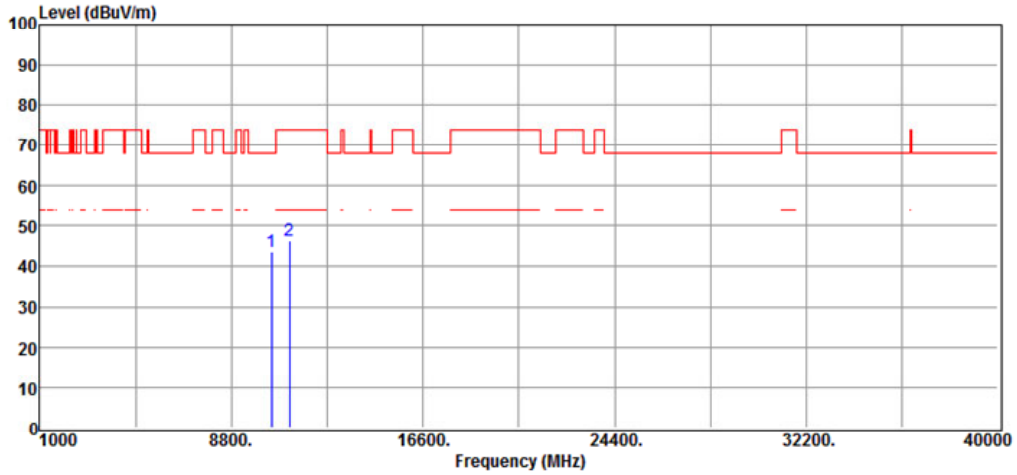
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 mid ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10440.00	30.77	12.62	43.39	68.20	-24.81	Peak	VERTICAL
2	11686.00	31.68	14.66	46.34	74.00	-27.66	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

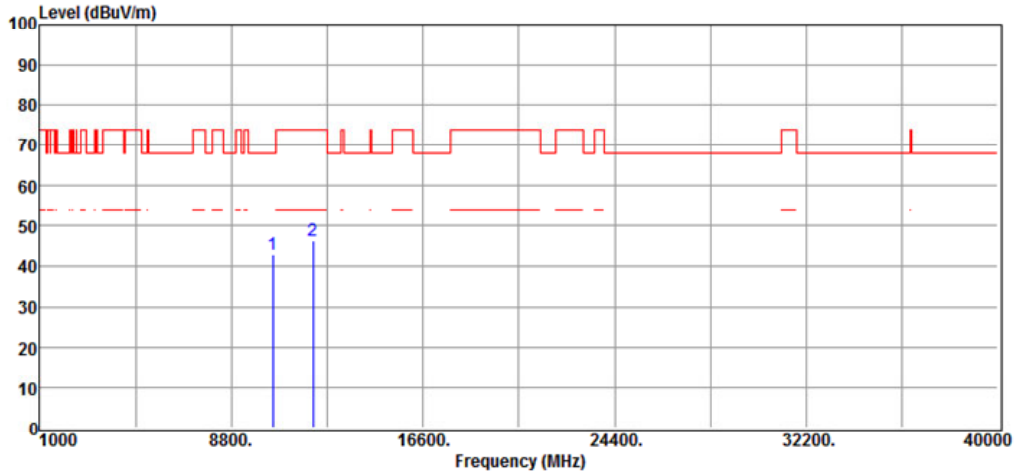
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 mid ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10440.00	30.90	12.62	43.52	68.20	-24.68	Peak	HORIZONTAL
2	11179.00	32.59	13.95	46.54	74.00	-27.46	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

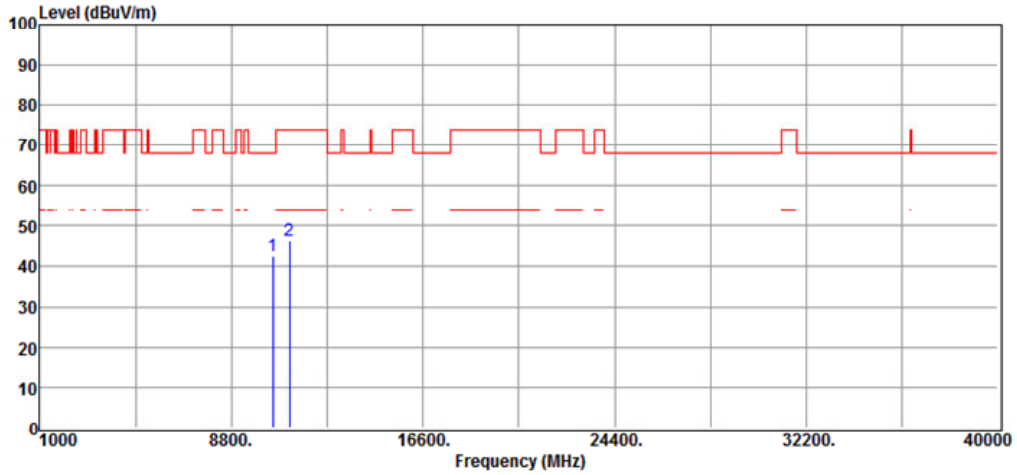
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 high ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10480.00	30.34	12.68	43.02	68.20	-25.18	Peak	VERTICAL
2	12115.00	30.87	15.45	46.32	74.00	-27.68	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

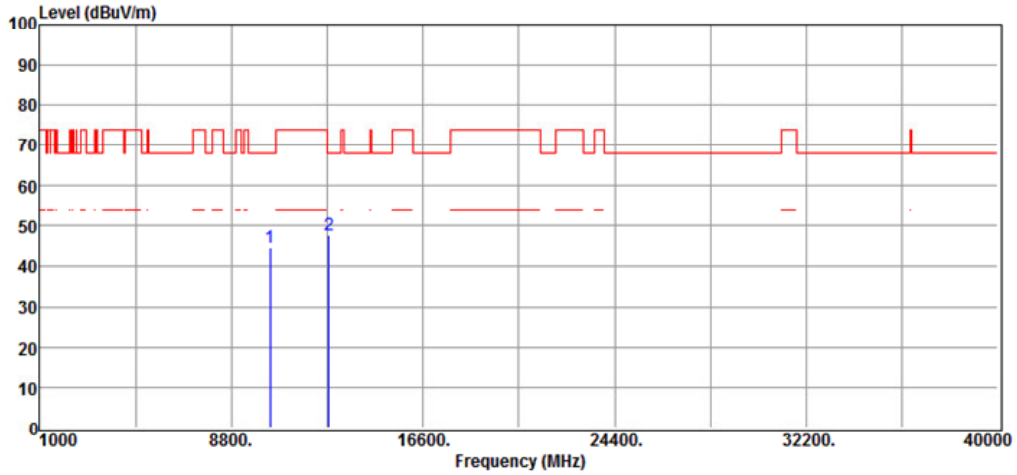
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 high ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10480.00	30.01	12.68	42.69	68.20	-25.51	Peak	HORIZONTAL
2	11179.00	32.60	13.95	46.55	74.00	-27.45	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

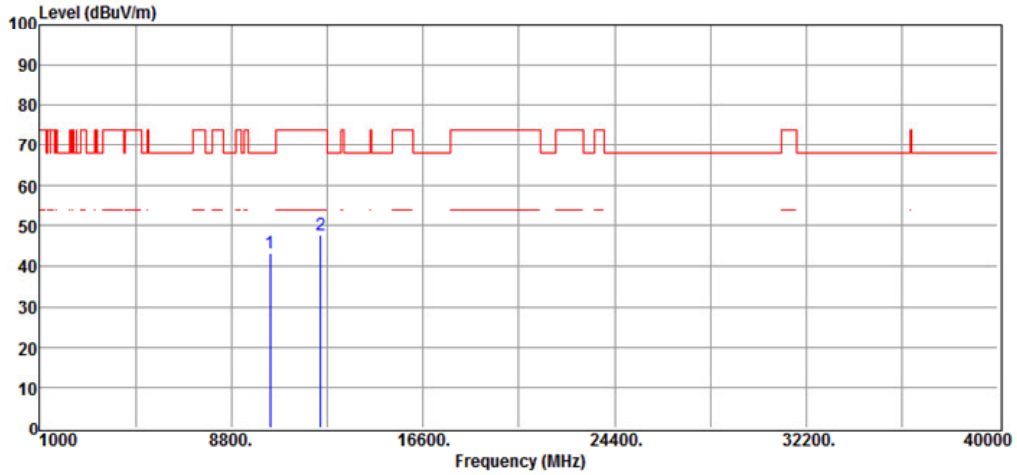
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT40 low ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10380.00	32.17	12.46	44.63	68.20	-23.57	Peak	VERTICAL
2	12778.00	30.69	17.11	47.80	68.20	-20.40	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

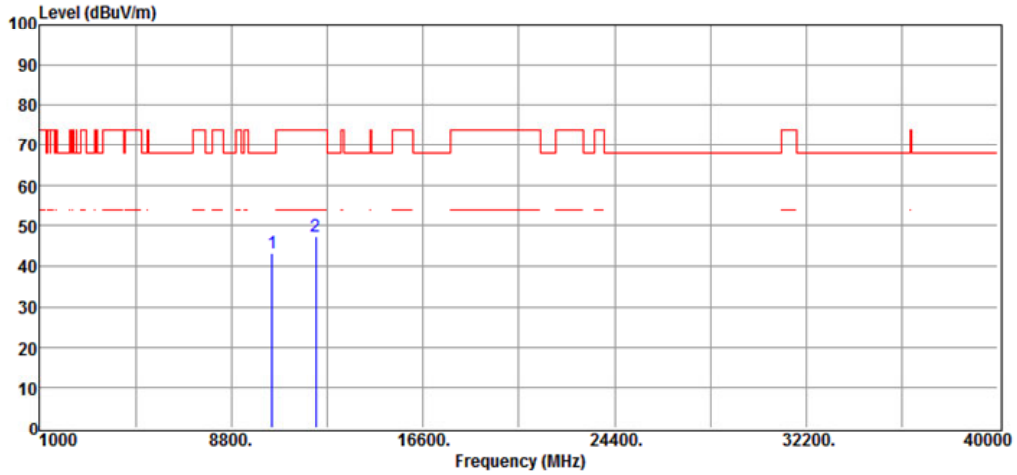
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT40 low ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10380.00	30.97	12.46	43.43	68.20	-24.77	Peak	HORIZONTAL
2	12427.00	31.93	15.99	47.92	74.00	-26.08	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

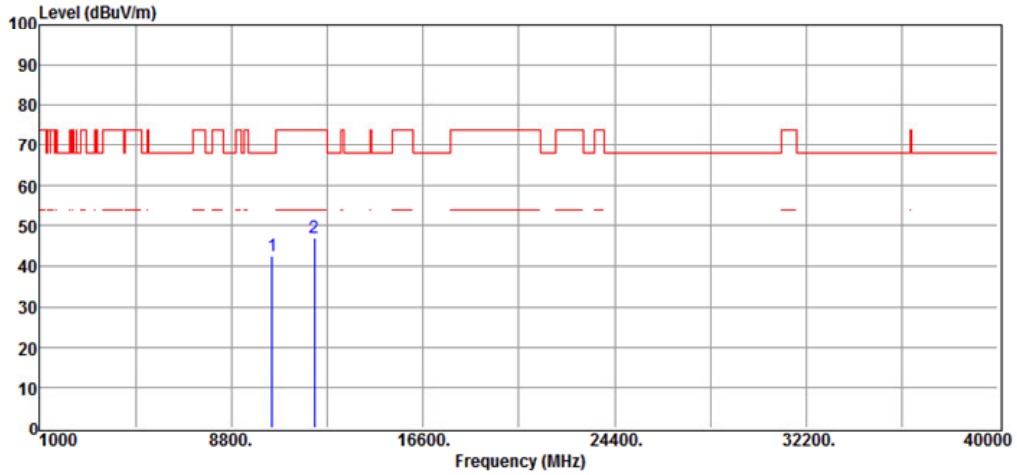
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT40 high ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10460.00	30.49	12.65	43.14	68.20	-25.06	Peak	VERTICAL
2	12232.00	32.00	15.52	47.52	74.00	-26.48	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

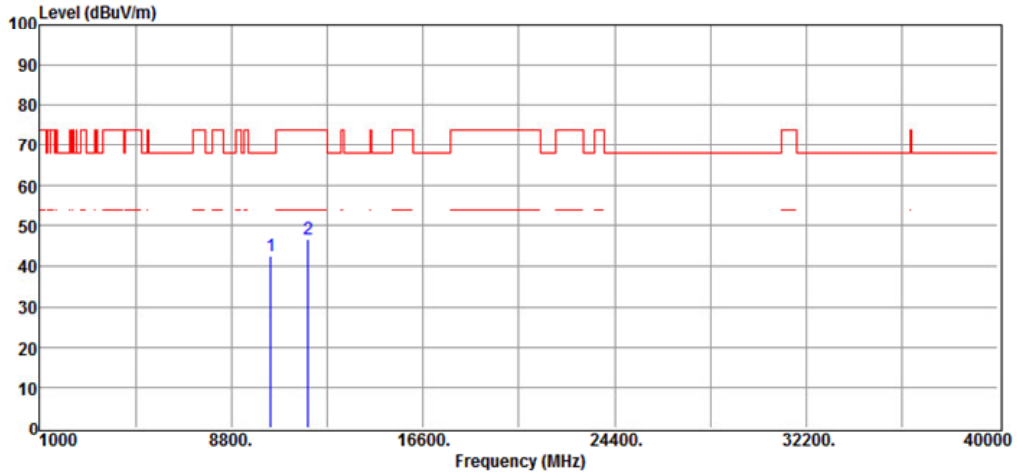
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT40 high ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10460.00	30.00	12.65	42.65	68.20	-25.55	Peak	HORIZONTAL
2	12193.00	31.67	15.43	47.10	74.00	-26.90	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

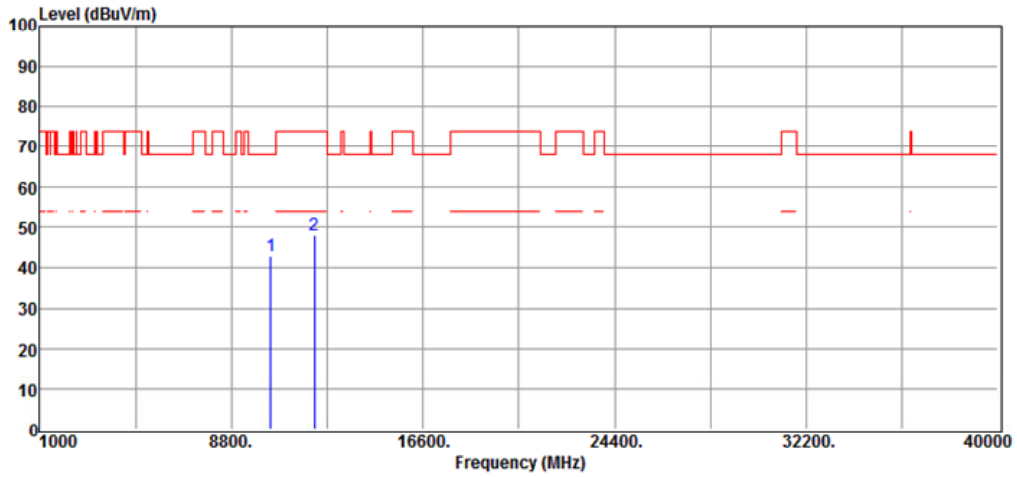
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT80 tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10420.00	30.18	12.59	42.77	68.20	-25.43	Peak	VERTICAL
2	11920.00	31.68	14.97	46.65	74.00	-27.35	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

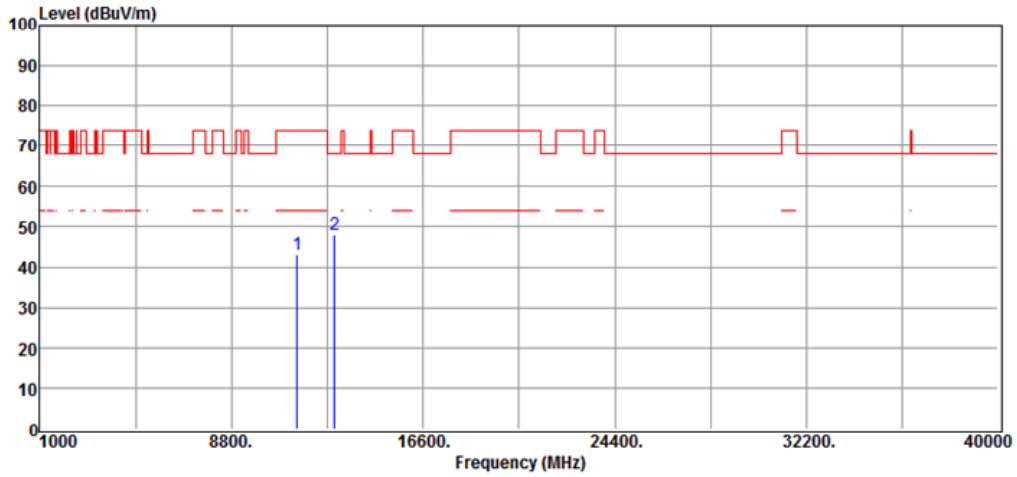
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT80 tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	10420.00	30.21	12.59	42.80	68.20	-25.40	Peak	HORIZONTAL
2	12193.00	32.56	15.43	47.99	74.00	-26.01	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

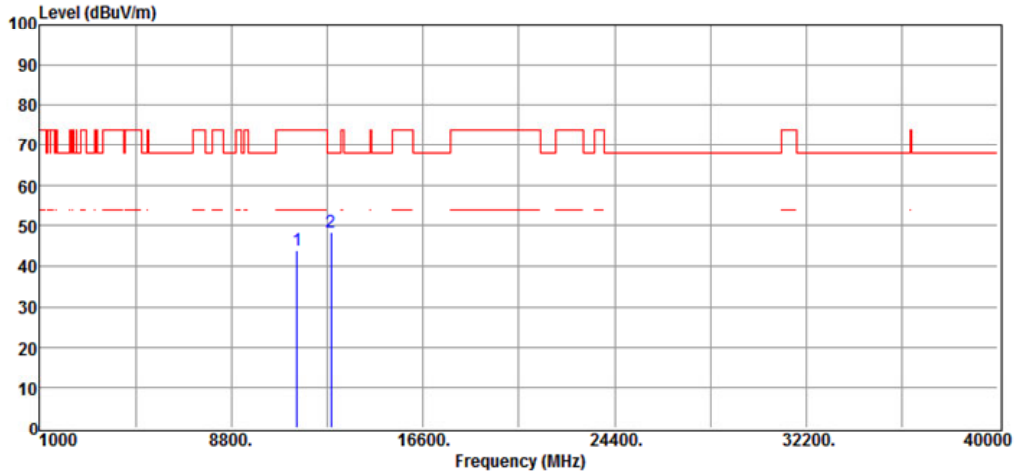
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 11a low ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11490.00	28.83	14.39	43.22	74.00	-30.78	Peak	VERTICAL
2	13012.00	30.35	17.66	48.01	68.20	-20.19	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

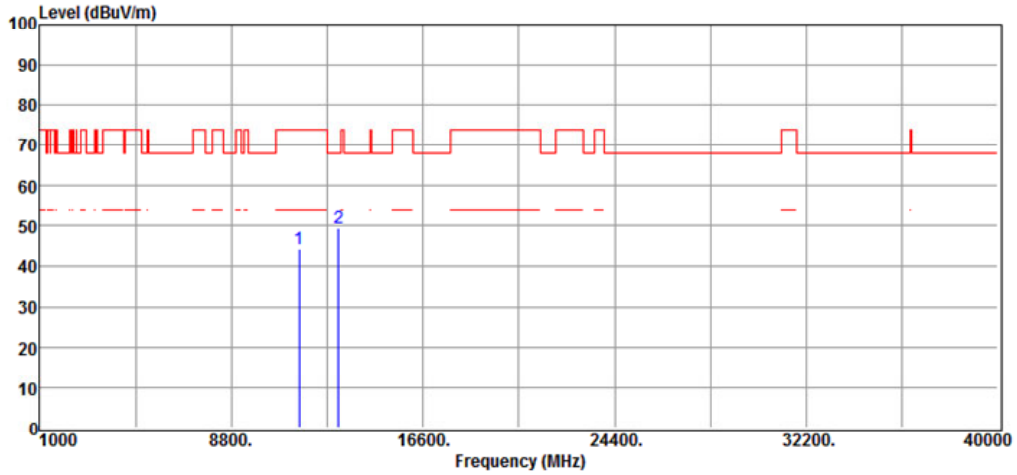
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 11a low ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11490.00	29.71	14.39	44.10	74.00	-29.90	Peak	HORIZONTAL
2	12856.00	31.31	17.31	48.62	68.20	-19.58	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

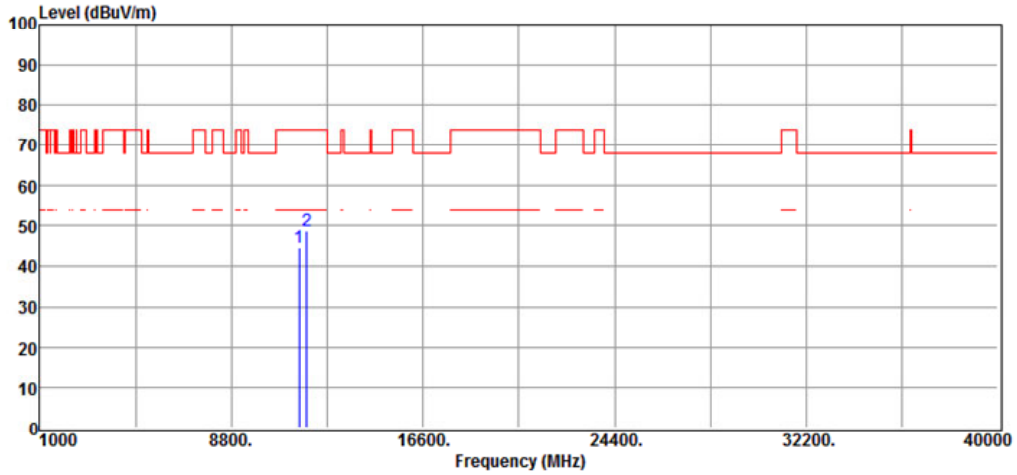
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 11a mid ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11570.00	29.73	14.51	44.24	74.00	-29.76	Peak	VERTICAL
2	13168.00	31.86	17.69	49.55	68.20	-18.65	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

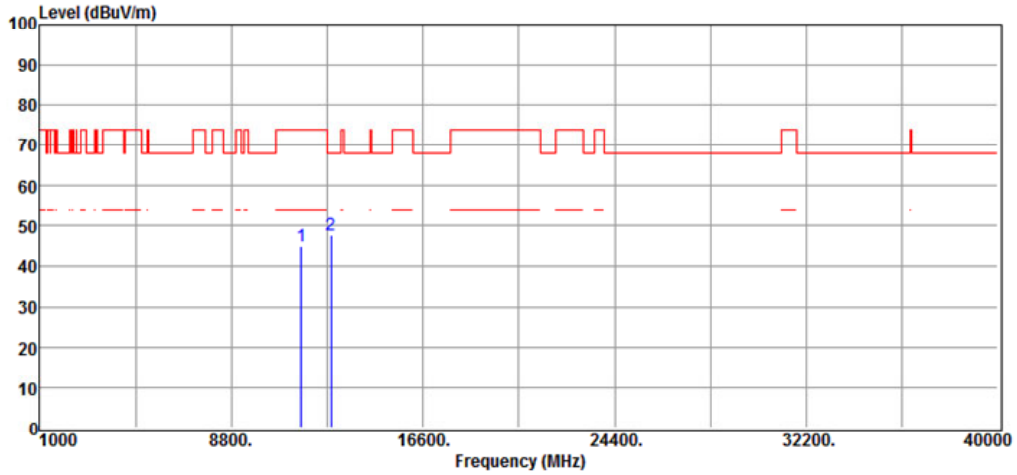
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 11a mid ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11570.00	30.21	14.51	44.72	74.00	-29.28	Peak	HORIZONTAL
2	11881.00	33.99	14.92	48.91	74.00	-25.09	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

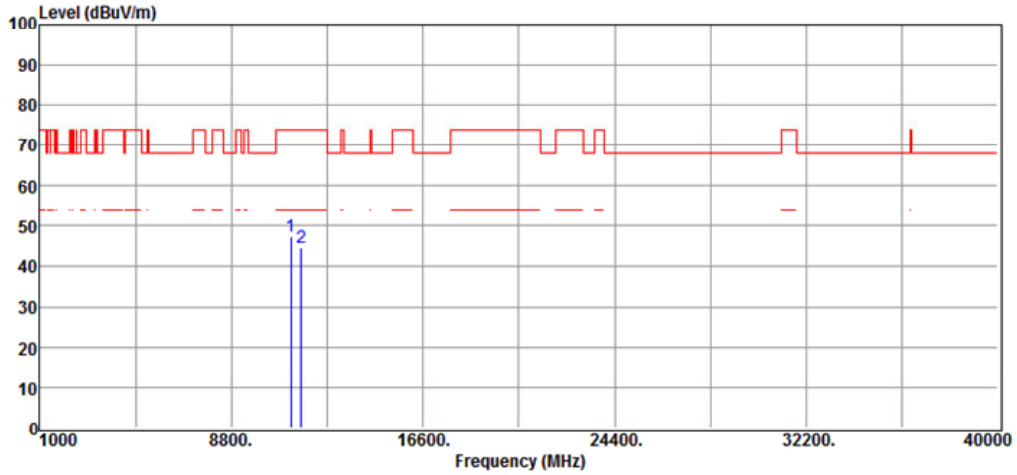
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 11a high ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11650.00	30.49	14.62	45.11	74.00	-28.89	Peak	VERTICAL
2	12856.00	30.51	17.31	47.82	68.20	-20.38	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

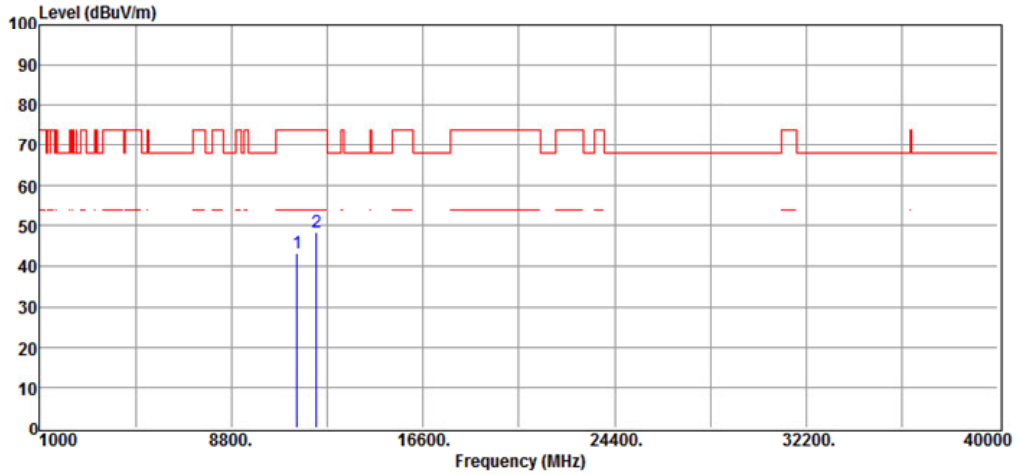
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 11a high ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11218.00	33.51	13.99	47.50	74.00	-26.50	Peak	HORIZONTAL
2	11650.00	30.08	14.62	44.70	74.00	-29.30	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

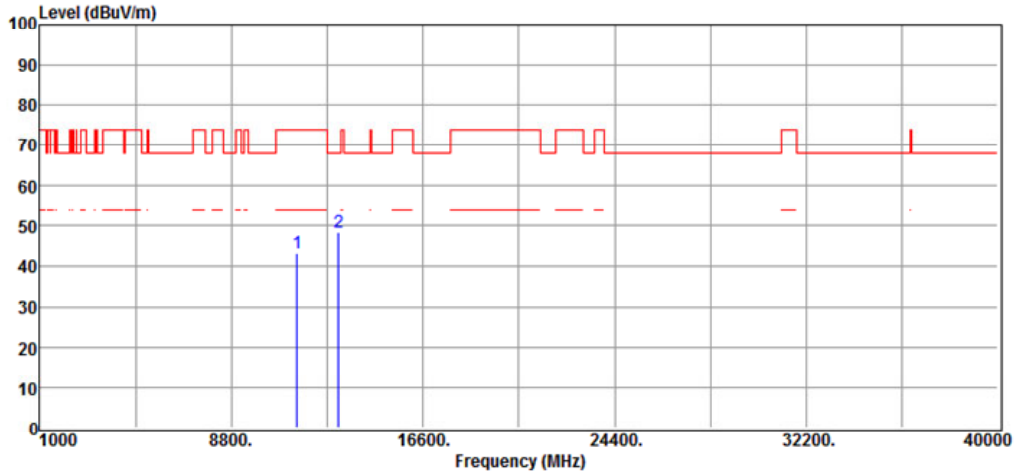
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 VHT20 low ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11490.00	29.05	14.39	43.44	74.00	-30.56	Peak	VERTICAL
2	12271.00	32.73	15.63	48.36	74.00	-25.64	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

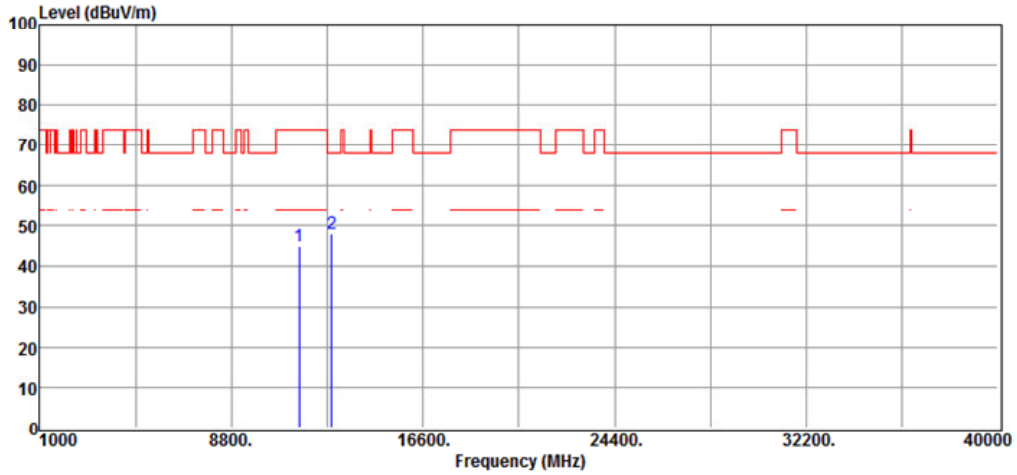
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 VHT20 low ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11490.00	28.76	14.39	43.15	74.00	-30.85	Peak	HORIZONTAL
2	13168.00	30.85	17.69	48.54	68.20	-19.66	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

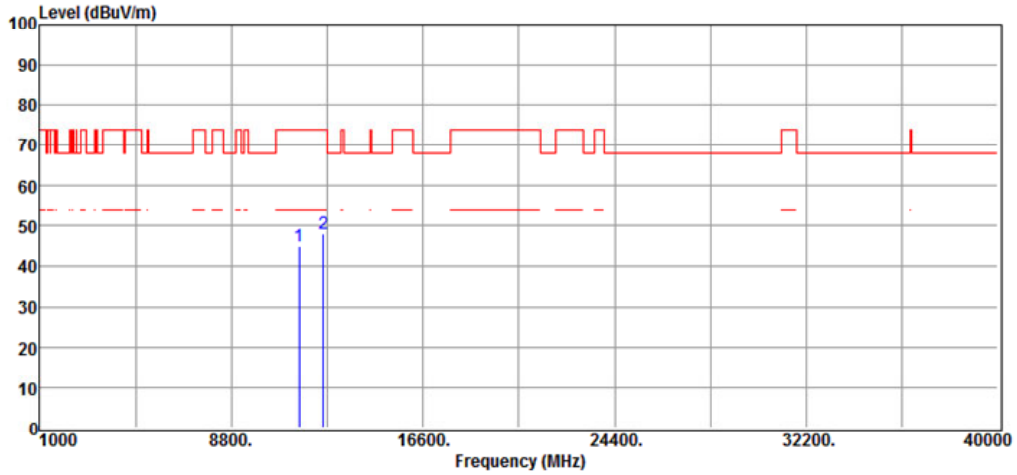
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 VHT20 mid ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11570.00	30.57	14.51	45.08	74.00	-28.92	Peak	VERTICAL
2	12895.00	30.76	17.41	48.17	68.20	-20.03	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

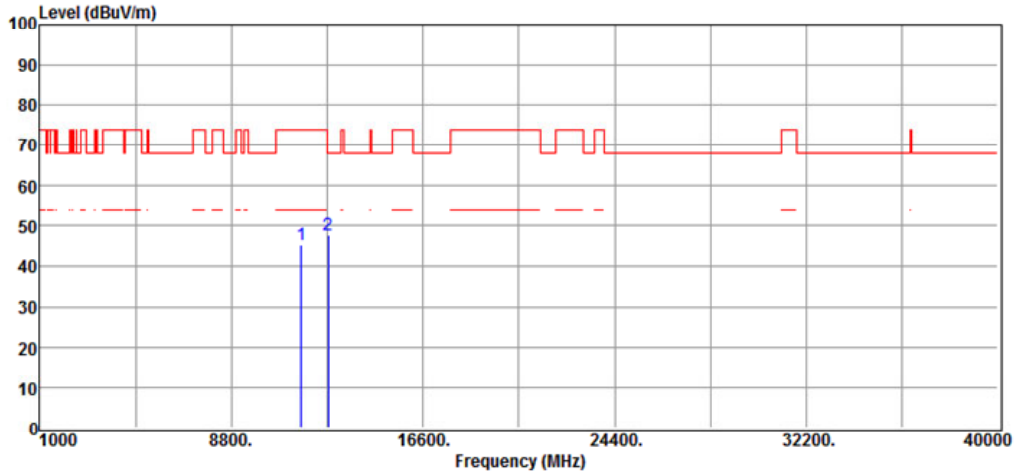
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 VHT20 mid ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11570.00	30.46	14.51	44.97	74.00	-29.03	Peak	HORIZONTAL
2	12544.00	31.87	16.24	48.11	74.00	-25.89	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

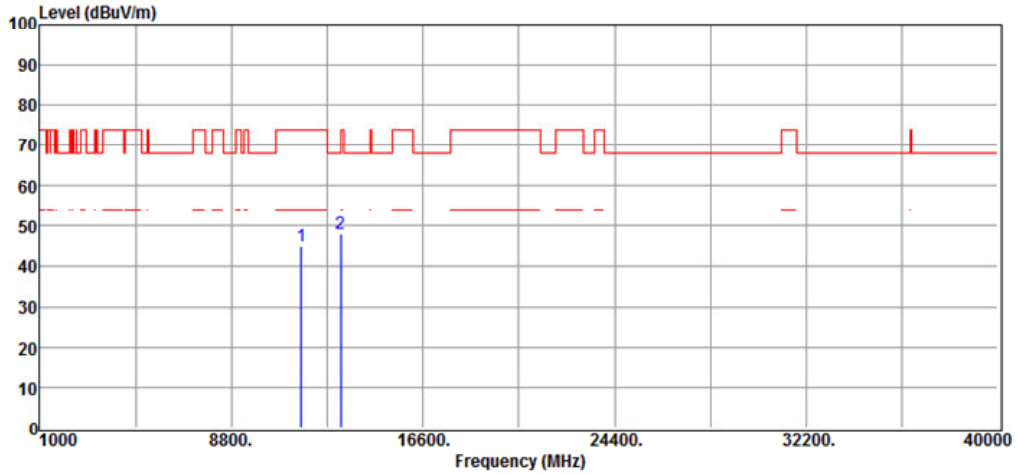
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 VHT20 high ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11650.00	30.71	14.62	45.33	74.00	-28.67	Peak	VERTICAL
2	12739.00	30.84	16.97	47.81	68.20	-20.39	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

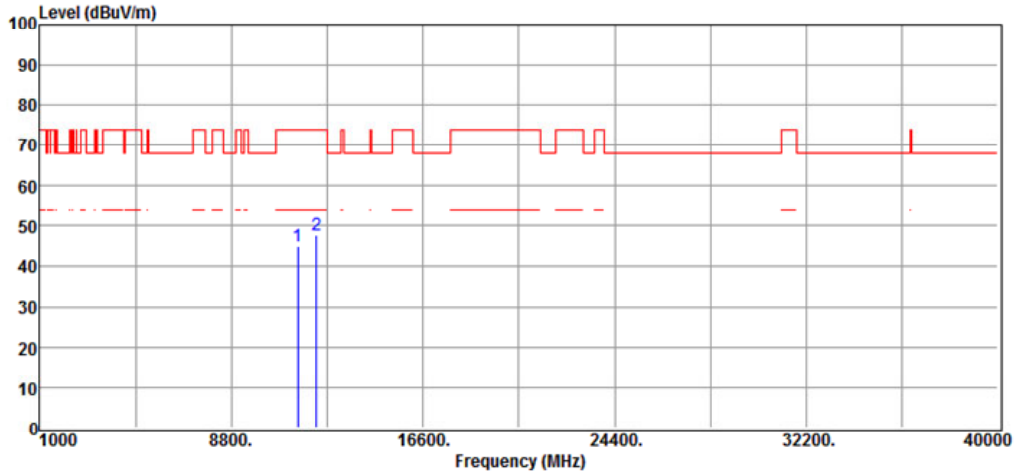
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 VHT20 high ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11650.00	30.40	14.62	45.02	74.00	-28.98	Peak	HORIZONTAL
2	13246.00	30.14	17.88	48.02	68.20	-20.18	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

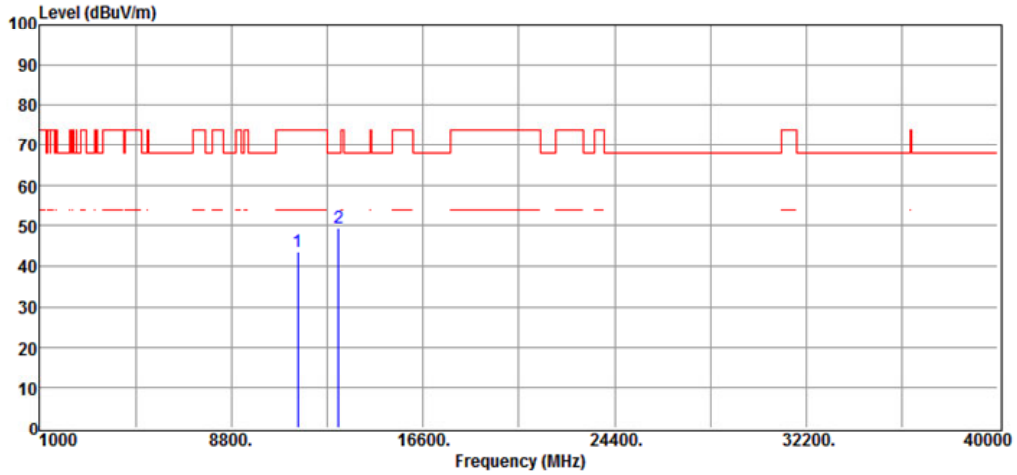
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 VHT40 low ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11510.00	30.53	14.43	44.96	74.00	-29.04	Peak	VERTICAL
2	12271.00	32.20	15.63	47.83	74.00	-26.17	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

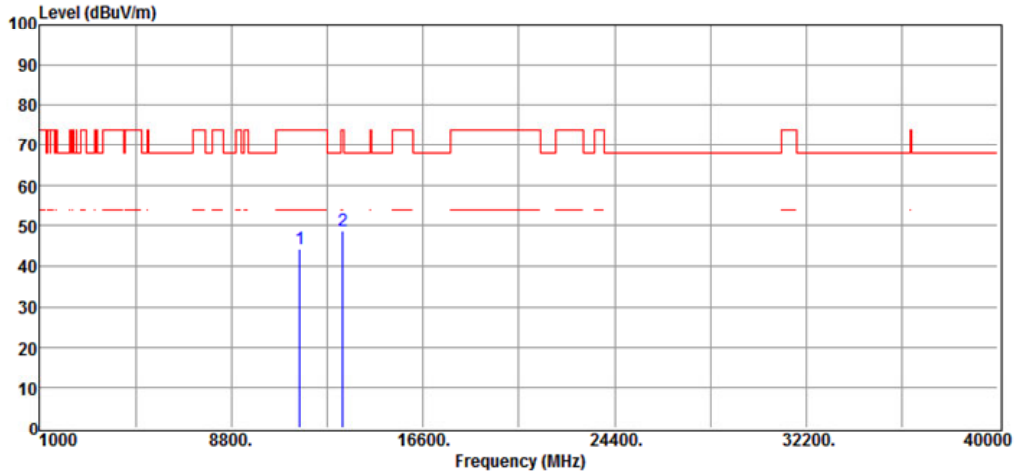
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 VHT40 low ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11510.00	29.08	14.43	43.51	74.00	-30.49	Peak	HORIZONTAL
2	13168.00	31.81	17.69	49.50	68.20	-18.70	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

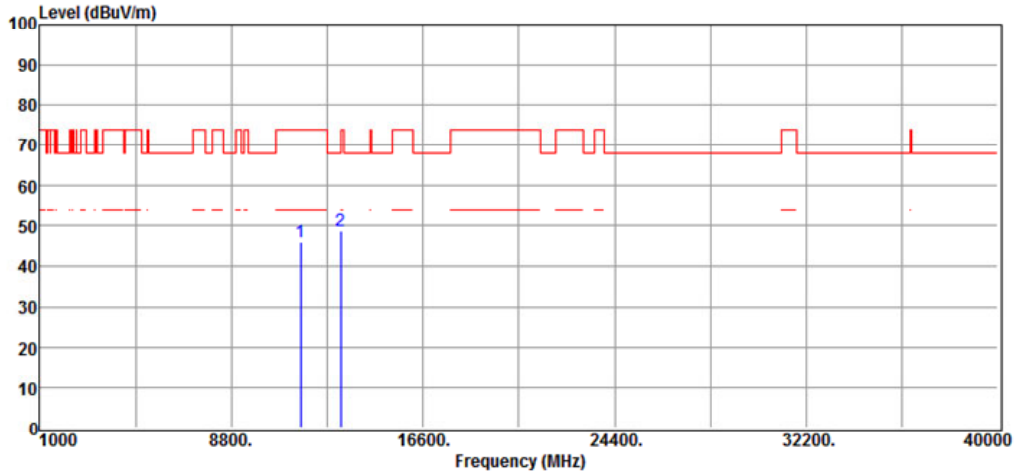
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 VHT40 high ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11590.00	29.62	14.54	44.16	74.00	-29.84	Peak	VERTICAL
2	13324.00	30.72	18.08	48.80	74.00	-25.20	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

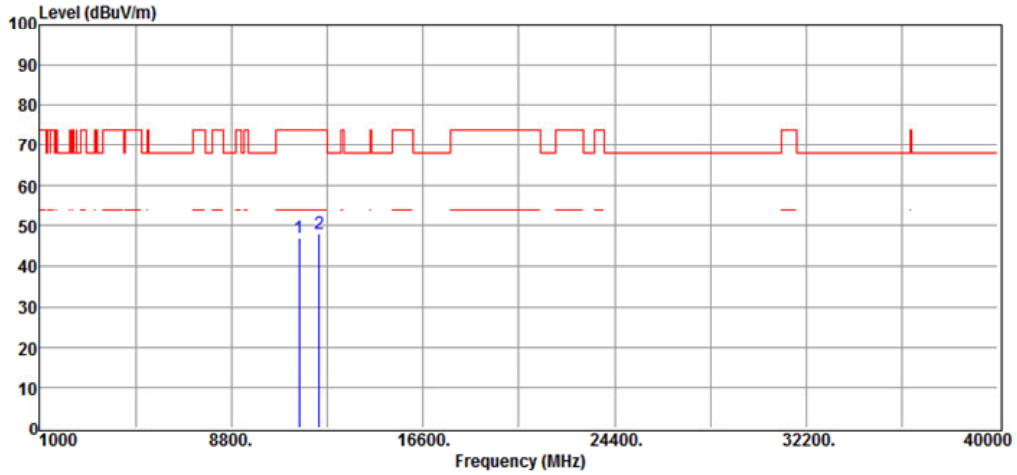
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 VHT40 high ch. tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11608.00	31.66	14.55	46.21	74.00	-27.79	Peak	HORIZONTAL
2	13246.00	30.93	17.88	48.81	68.20	-19.39	Peak	HORIZONTAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

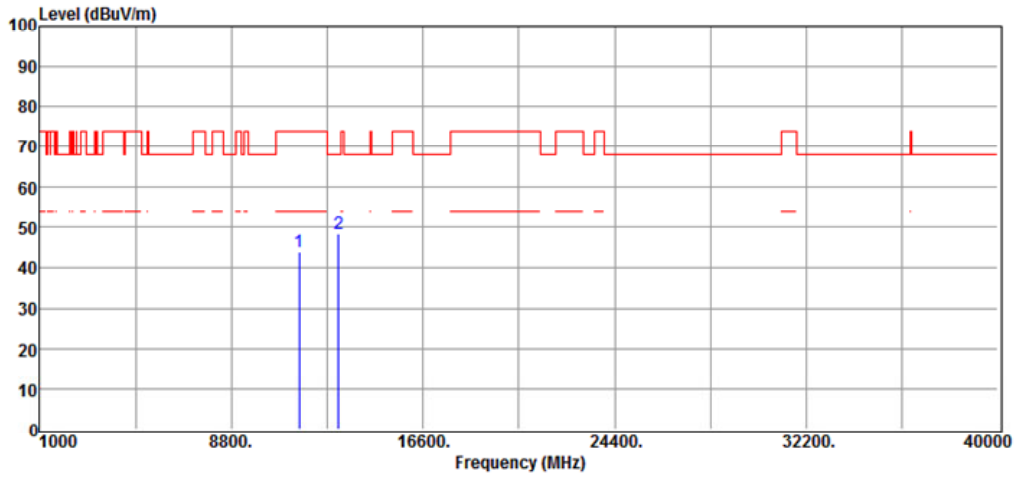
Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 VHT80 tx Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11550.00	32.73	14.48	47.21	74.00	-26.79	Peak	VERTICAL
2	12388.00	32.33	15.95	48.28	74.00	-25.72	Peak	VERTICAL

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-16

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-3 VHT80 tx Tested by : Jason Chao

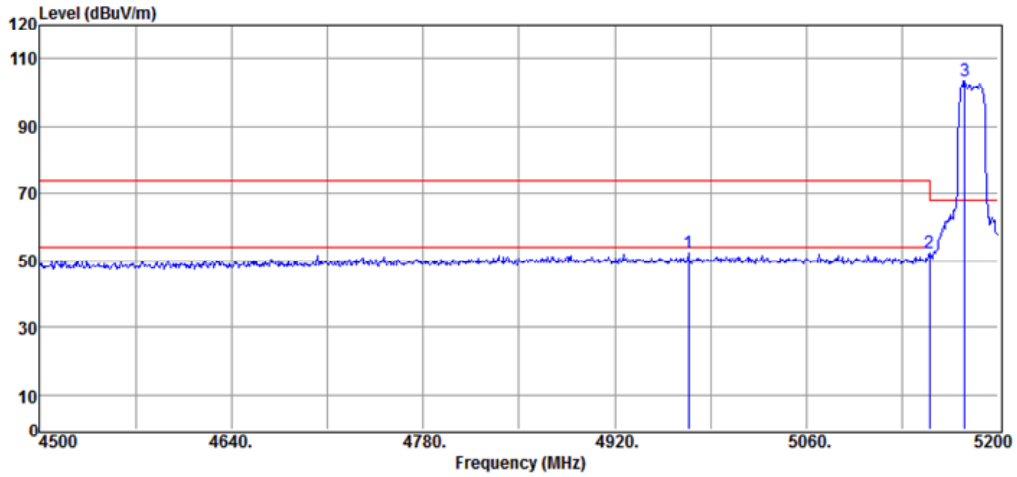


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	11550.00	29.51	14.48	43.99	74.00	-30.01	Peak	HORIZONTAL
2	13168.00	30.67	17.69	48.36	68.20	-19.84	Peak	HORIZONTAL

Band Edges test

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 11a low ch. band edge Tested by : Jason Chao

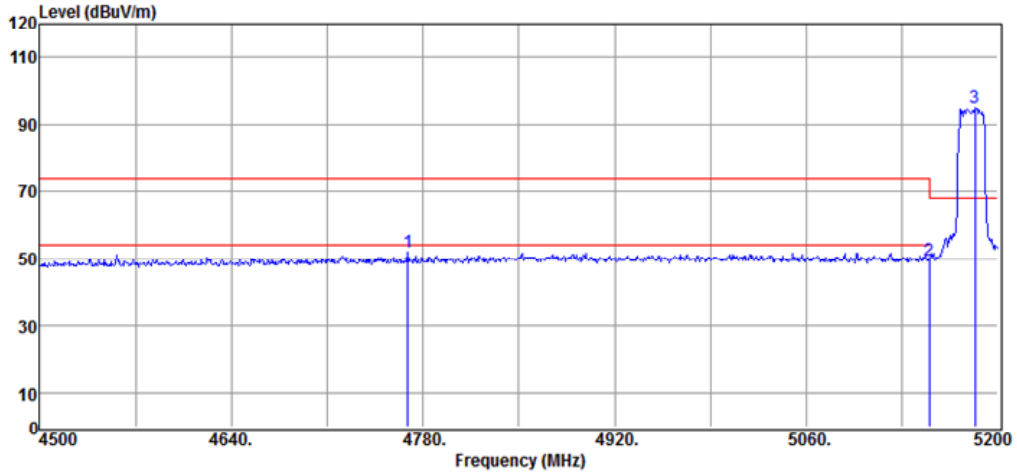


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4973.90	46.38	5.87	52.25	74.00	-21.75	Peak	VERTICAL
2	5150.00	46.90	5.53	52.43	68.20	-15.77	Peak	VERTICAL
3	5175.50	97.79	5.70	103.49	--	F	Peak	VERTICAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 11a low ch. band edge Tested by : Jason Chao

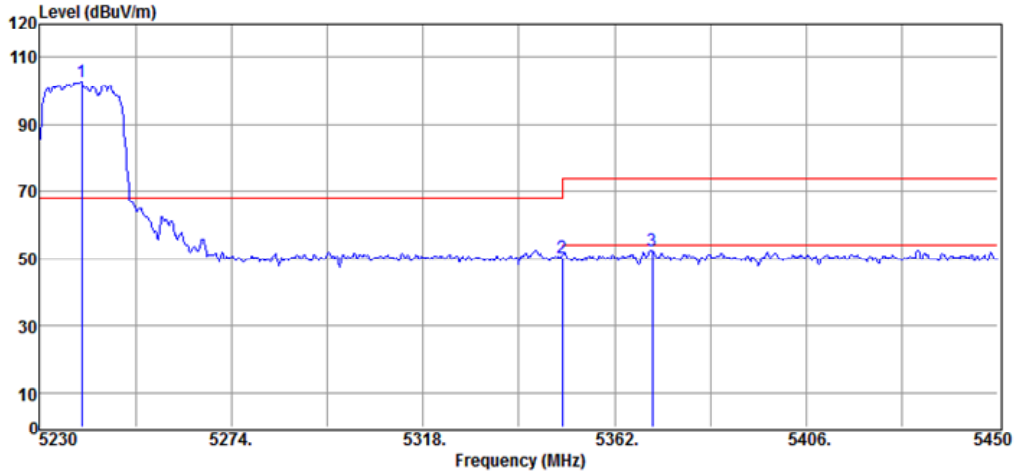


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4768.80	46.61	5.19	51.80	74.00	-22.20	Peak	HORIZONTAL
2	5150.00	43.89	5.53	49.42	68.20	-18.78	Peak	HORIZONTAL
3	5183.20	88.96	5.76	94.72	--	F	Peak	HORIZONTAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 11a high ch. band edge Tested by : Jason Chao

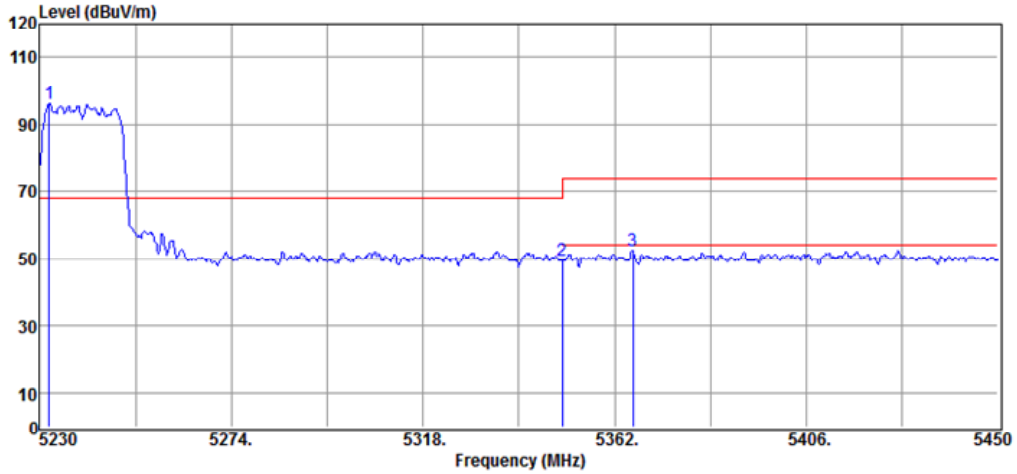


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	5239.68	96.47	6.15	102.62	--	F	Peak	VERTICAL
2	5350.00	43.69	6.81	50.50	68.20	-17.70	Peak	VERTICAL
3	5370.58	45.67	6.88	52.55	74.00	-21.45	Peak	VERTICAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 11a high ch. band edge Tested by : Jason Chao

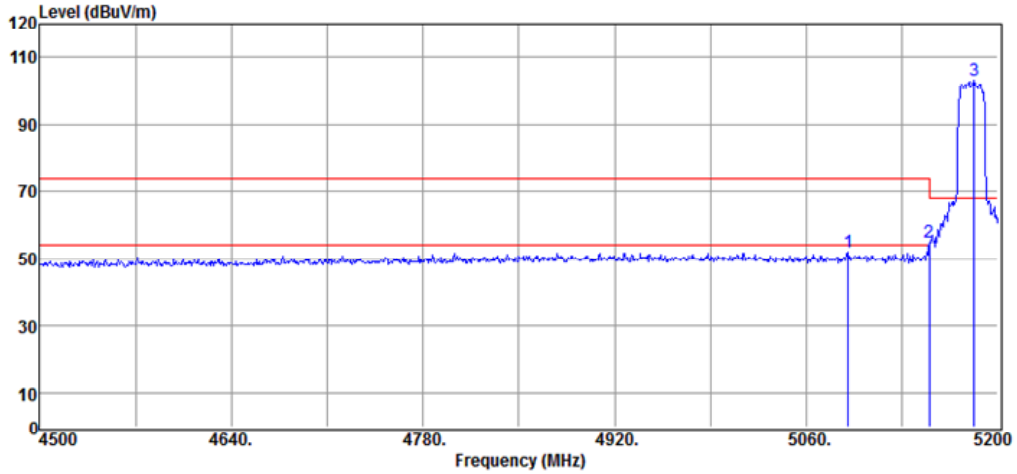


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	5232.20	89.91	6.10	96.01	--	F	Peak	HORIZONTAL
2	5350.00	42.63	6.81	49.44	68.20	-18.76	Peak	HORIZONTAL
3	5366.18	45.43	6.86	52.29	74.00	-21.71	Peak	HORIZONTAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 low ch. band edge Tested by : Jason Chao

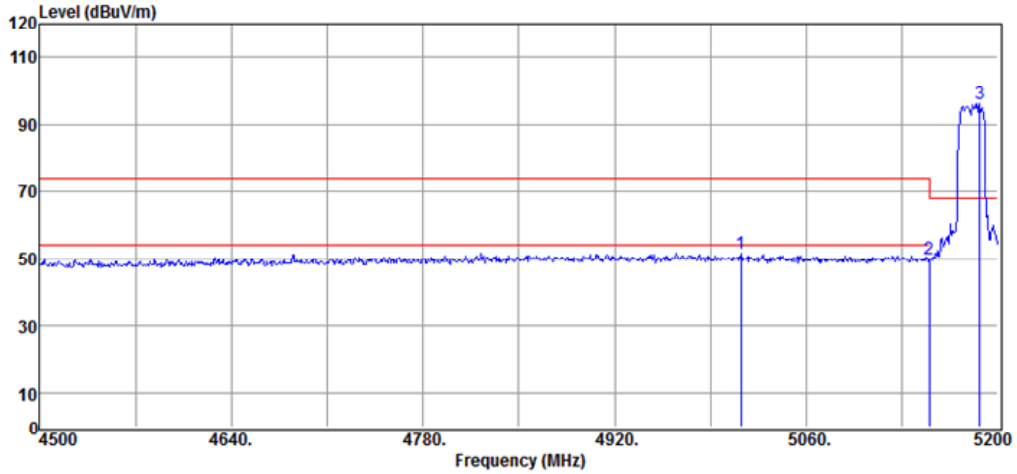


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	5090.80	46.51	5.54	52.05	74.00	-21.95	Peak	VERTICAL
2	5150.00	49.42	5.53	54.95	68.20	-13.25	Peak	VERTICAL
3	5182.50	97.44	5.76	103.20	--	F	Peak	VERTICAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 low ch. band edge Tested by : Jason Chao

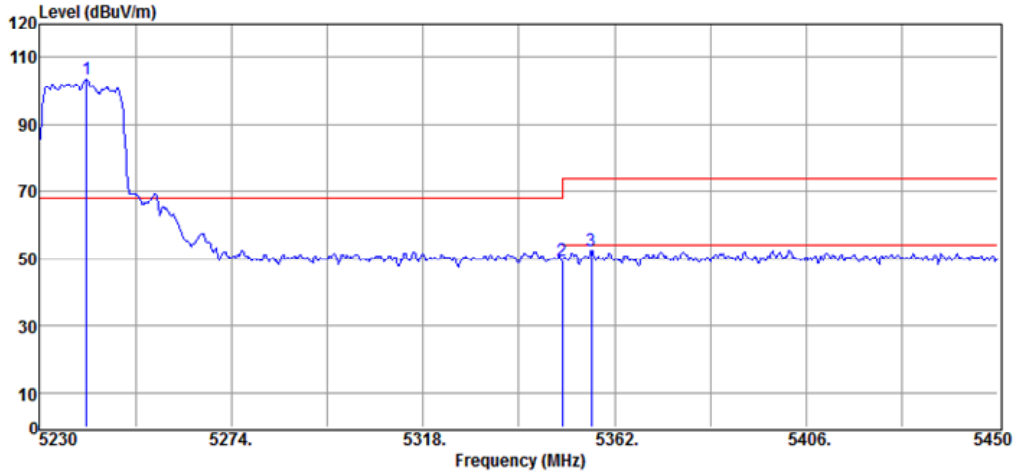


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	5012.40	45.62	5.85	51.47	74.00	-22.53	Peak	HORIZONTAL
2	5150.00	44.39	5.53	49.92	68.20	-18.28	Peak	HORIZONTAL
3	5186.70	90.19	5.78	95.97	--	F	Peak	HORIZONTAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 high ch. band edge Tested by : Jason Chao

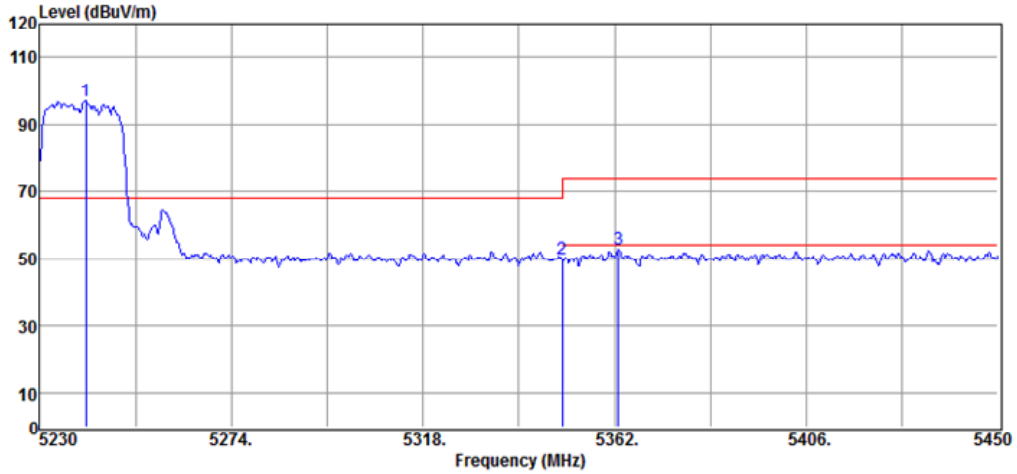


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	5240.78	97.19	6.15	103.34	--	F	Peak	VERTICAL
2	5350.00	42.70	6.81	49.51	68.20	-18.69	Peak	VERTICAL
3	5356.72	45.60	6.84	52.44	74.00	-21.56	Peak	VERTICAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT20 high ch. band edge Tested by : Jason Chao

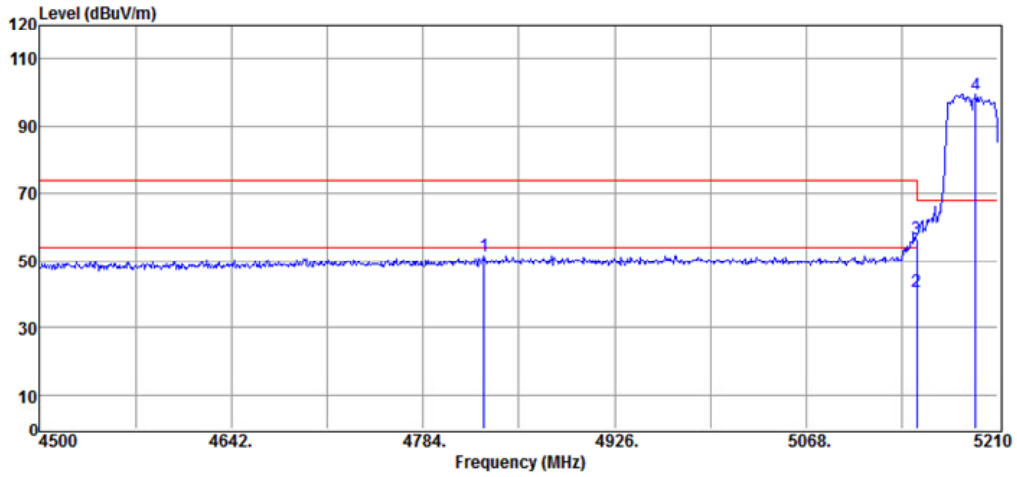


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	5240.56	90.85	6.15	97.00	--	F	Peak	HORIZONTAL
2	5350.00	43.02	6.81	49.83	68.20	-18.37	Peak	HORIZONTAL
3	5362.88	45.73	6.86	52.59	74.00	-21.41	Peak	HORIZONTAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT40 low ch. band edge Tested by : Jason Chao

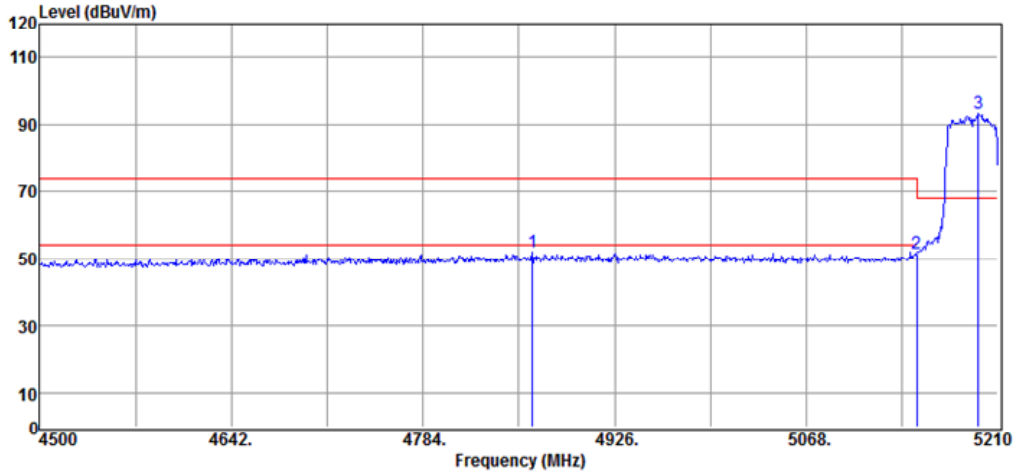


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4829.44	46.04	5.67	51.71	74.00	-22.29	Peak	VERTICAL
2	5150.00	35.38	5.53	40.91	54.00	-13.09	Average	VERTICAL
3	5150.00	50.89	5.53	56.42	68.20	-11.78	Peak	VERTICAL
4	5193.67	93.66	5.84	99.50	--	F	Peak	VERTICAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT40 low ch. band edge Tested by : Jason Chao

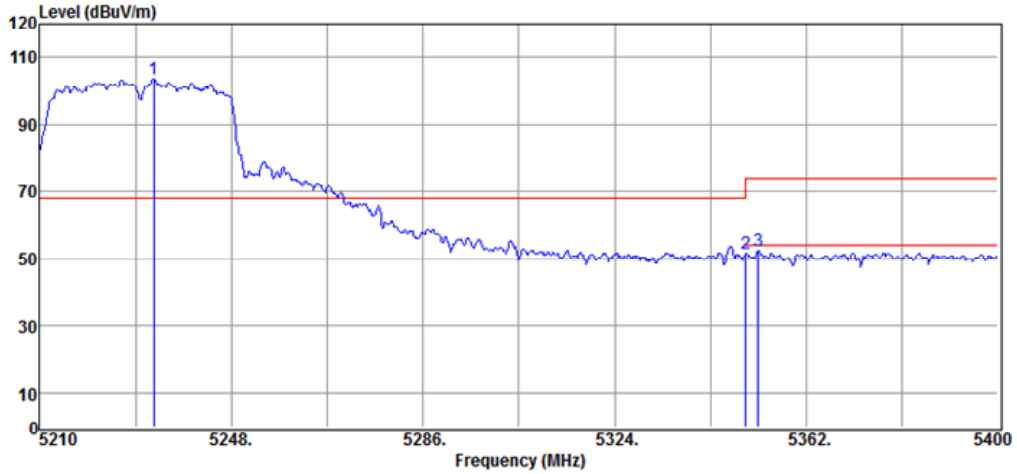


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	4864.94	46.30	5.86	52.16	74.00	-21.84	Peak	HORIZONTAL
2	5150.00	45.89	5.53	51.42	68.20	-16.78	Peak	HORIZONTAL
3	5195.80	87.23	5.85	93.08	--	F	Peak	HORIZONTAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT40 high ch. band edge Tested by : Jason Chao

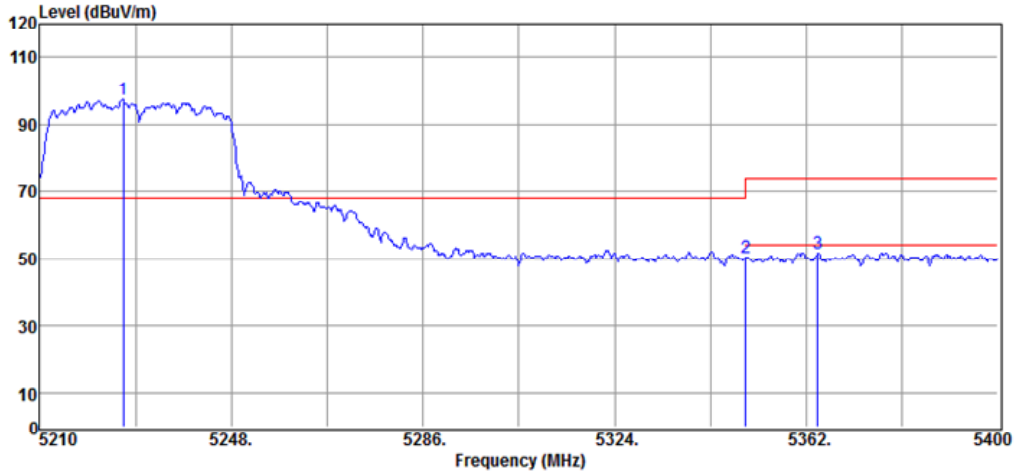


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	5232.61	97.59	6.11	103.70	--	F	Peak	VERTICAL
2	5350.00	44.62	6.81	51.43	68.20	-16.77	Peak	VERTICAL
3	5352.50	45.63	6.82	52.45	74.00	-21.55	Peak	VERTICAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT40 high ch. band edge Tested by : Jason Chao

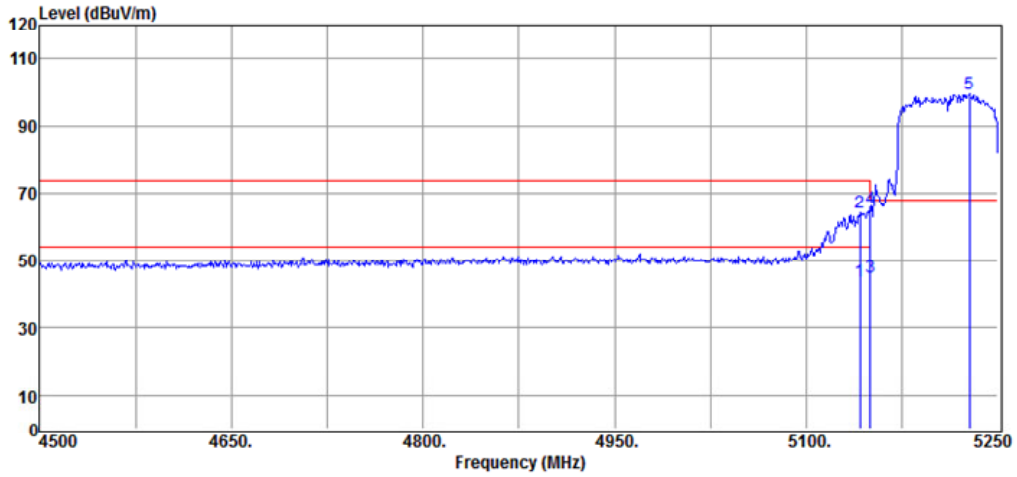


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	5226.53	91.20	6.06	97.26	--	F	Peak	HORIZONTAL
2	5350.00	43.32	6.81	50.13	68.20	-18.07	Peak	HORIZONTAL
3	5364.28	44.84	6.86	51.70	74.00	-22.30	Peak	HORIZONTAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT80 low ch. band edge Tested by : Jason Chao

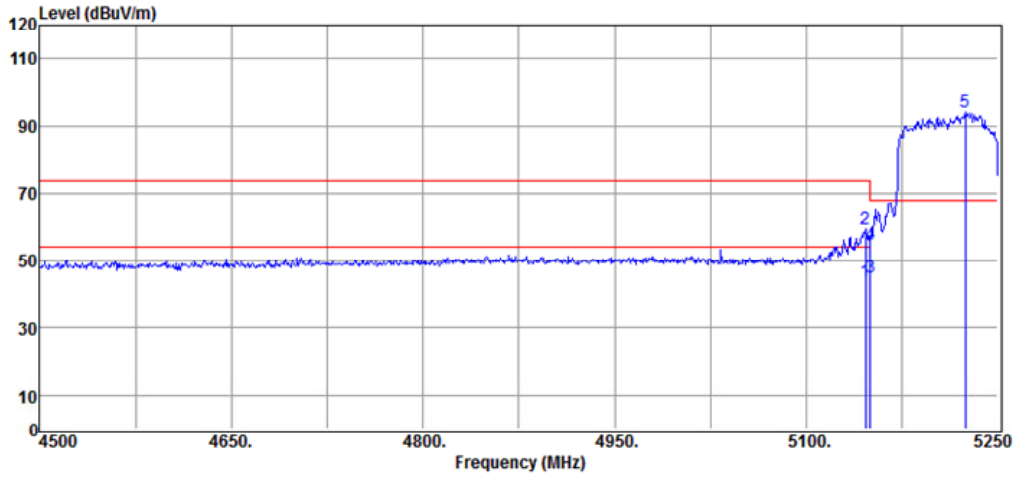


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	5142.00	38.06	5.53	43.59	54.00	-10.41	Average	VERTICAL
2	5142.00	58.74	5.53	64.27	74.00	-9.73	Peak	VERTICAL
3	5150.00	39.42	5.53	44.95	54.00	-9.05	Average	VERTICAL
4	5150.00	59.95	5.53	65.48	68.20	-2.72	Peak	VERTICAL
5	5227.50	93.37	6.07	99.44	--	F	Peak	VERTICAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT80 low ch. band edge Tested by : Jason Chao

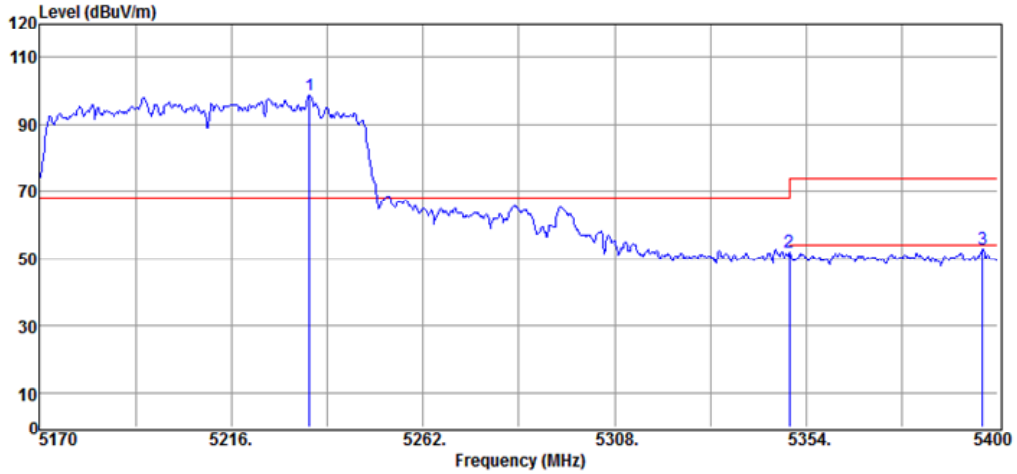


No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	5146.50	38.02	5.53	43.55	54.00	-10.45	Average	HORIZONTAL
2	5146.50	53.83	5.53	59.36	74.00	-14.64	Peak	HORIZONTAL
3	5150.00	39.23	5.53	44.76	54.00	-9.24	Average	HORIZONTAL
4	5150.00	49.45	5.53	54.98	68.20	-13.22	Peak	HORIZONTAL
5	5224.50	87.82	6.05	93.87	--	F	Peak	HORIZONTAL

Note: "F" denotes fundamental frequency.

International Standard Laboratory Corp.
Company Address:No.120,Lane 180, Hsin Ho Rd.
Lung-Tan Dist., Tao Yuan City 325, Taiwa
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT80 high ch. band edge Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	5234.86	92.38	6.12	98.50	--	F	Peak	VERTICAL
2	5350.00	45.00	6.81	51.81	68.20	-16.39	Peak	VERTICAL
3	5396.32	45.99	6.95	52.94	74.00	-21.06	Peak	VERTICAL

Note: "F" denotes fundamental frequency.

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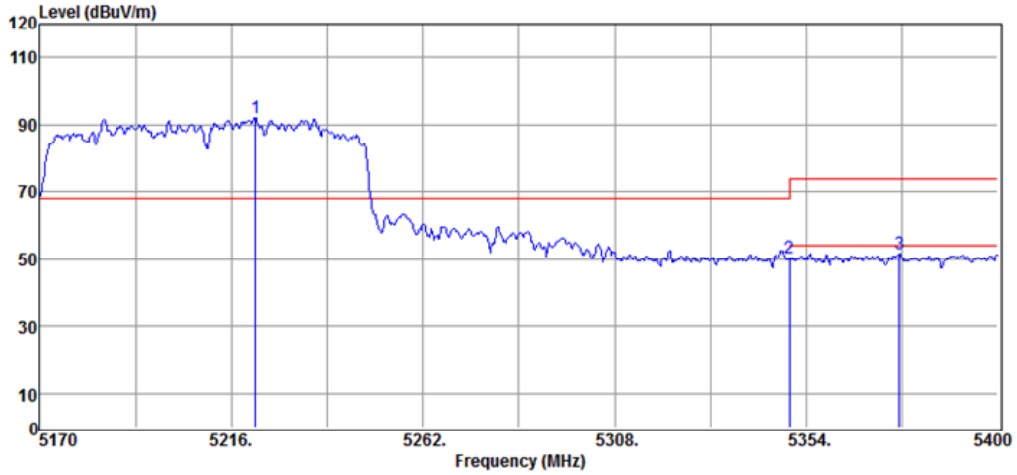
Date: 2023-10-13

Project Number. : 23LR0131 Temp.(℃)/RH(%) : 25/60
Test Mode : 5G UNII-1 VHT80 high ch. band edge Tested by : Jason Chao



No	Freq MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Remark	Pol V/H
1	5221.75	86.00	6.03	92.03	--	F	Peak	HORIZONTAL
2	5350.00	43.40	6.81	50.21	68.20	-17.99	Peak	HORIZONTAL
3	5376.31	44.69	6.89	51.58	74.00	-22.42	Peak	HORIZONTAL

Note: "F" denotes fundamental frequency.

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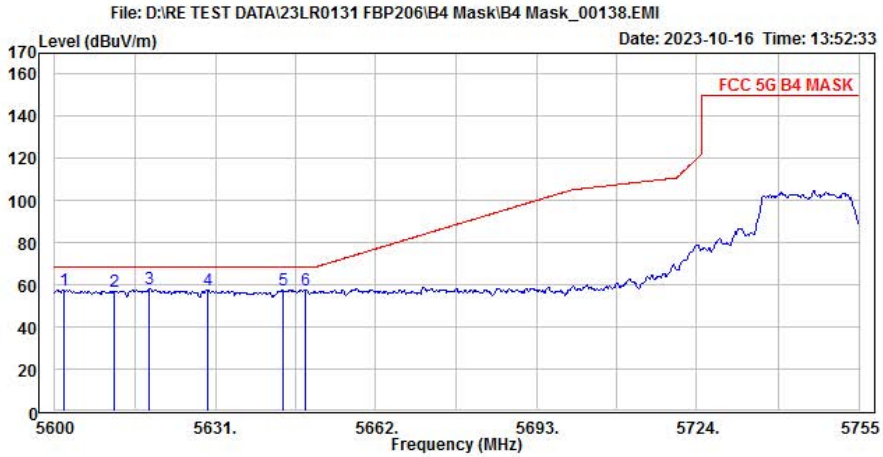

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 V 1-18G.csv Vertical
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11a Low Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5601.705	50.05	7.40	57.45	68.20	-10.75	Vertical
2	5611.470	49.81	7.37	57.18	68.20	-11.02	Vertical
3 PP	5618.290	50.71	7.35	58.06	68.20	-10.14	Vertical
4	5629.605	50.33	7.31	57.64	68.20	-10.56	Vertical
5	5644.020	50.07	7.26	57.33	68.20	-10.87	Vertical
6	5648.360	50.45	7.25	57.70	68.20	-10.50	Vertical

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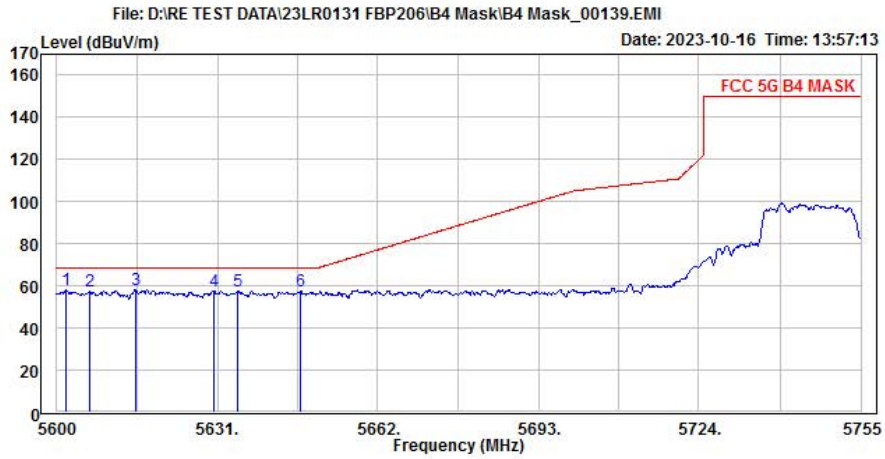

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 H 1-18G.csv Horizonta
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11a Low Ch Mask
Note :

		Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		5601.860	50.66	7.40	58.06	68.20	-10.14	Horizontal
2		5606.355	50.29	7.38	57.67	68.20	-10.53	Horizontal
3	PP	5615.190	51.06	7.36	58.42	68.20	-9.78	Horizontal
4		5630.225	50.45	7.31	57.76	68.20	-10.44	Horizontal
5		5635.030	50.43	7.29	57.72	68.20	-10.48	Horizontal
6		5647.120	50.33	7.25	57.58	68.20	-10.62	Horizontal

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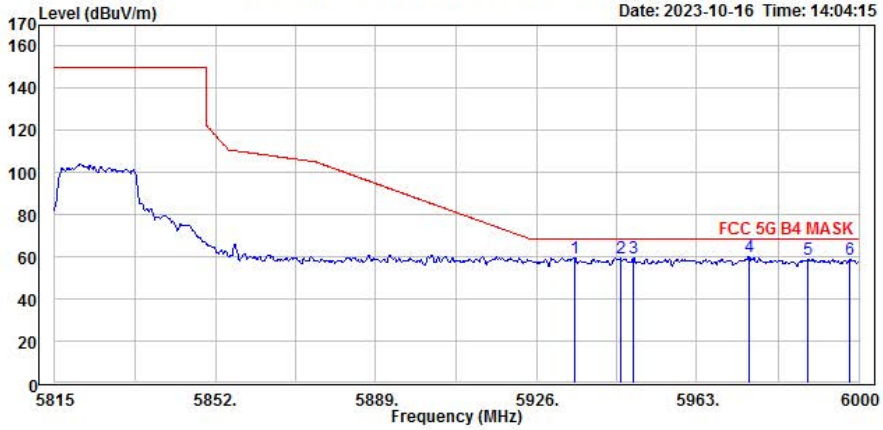
File: D:\RE TEST DATA\23LR0131 FBP206\B4 Mask\B4 Mask_00140.EMI



Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 V 1-18G.csv Vertical
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11a high Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5934.880	52.01	7.72	59.73	68.20	-8.47	Vertical
2	5945.425	51.57	7.71	59.28	68.20	-8.92	Vertical
3	5948.385	51.96	7.70	59.66	68.20	-8.54	Vertical
4 PP	5974.655	52.43	7.76	60.19	68.20	-8.01	Vertical
5	5988.345	51.24	7.80	59.04	68.20	-9.16	Vertical
6	5997.965	51.27	7.83	59.10	68.20	-9.10	Vertical

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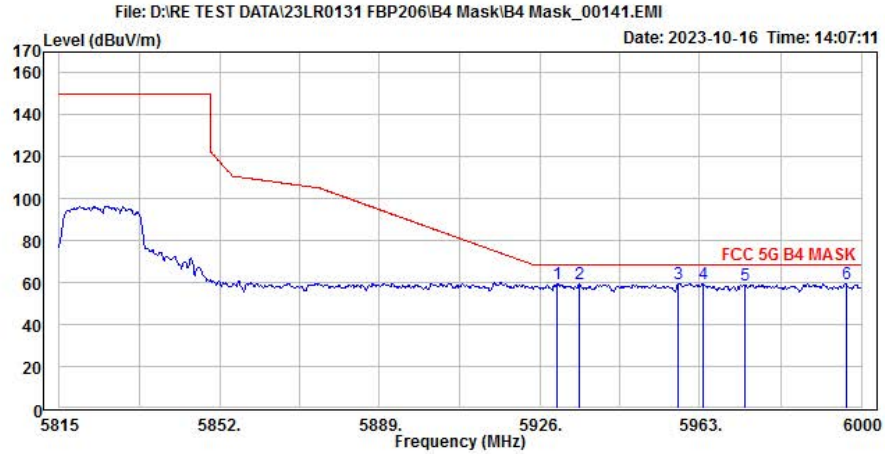

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 H 1-18G.csv Horizonta
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11a high Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5930.070	51.98	7.73	59.71	68.20	-8.49	Horizontal
2	5935.250	51.51	7.72	59.23	68.20	-8.97	Horizontal
3	5958.005	51.80	7.73	59.53	68.20	-8.67	Horizontal
4 PP	5963.740	52.01	7.74	59.75	68.20	-8.45	Horizontal
5	5973.175	51.24	7.76	59.00	68.20	-9.20	Horizontal
6	5996.485	51.84	7.82	59.66	68.20	-8.54	Horizontal

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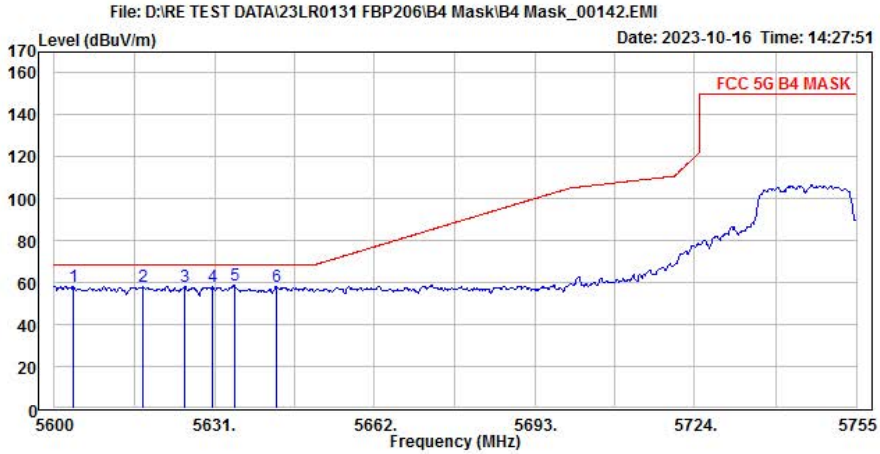

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 V 1-18G.csv Vertical
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11ac20 low Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5603.565	50.59	7.62	58.21	68.20	-9.99	Vertical
2	5617.205	50.68	7.57	58.25	68.20	-9.95	Vertical
3	5625.265	50.76	7.55	58.31	68.20	-9.89	Vertical
4	5630.535	50.62	7.53	58.15	68.20	-10.05	Vertical
5 PP	5634.875	51.23	7.52	58.75	68.20	-9.45	Vertical
6	5642.935	50.73	7.49	58.22	68.20	-9.98	Vertical

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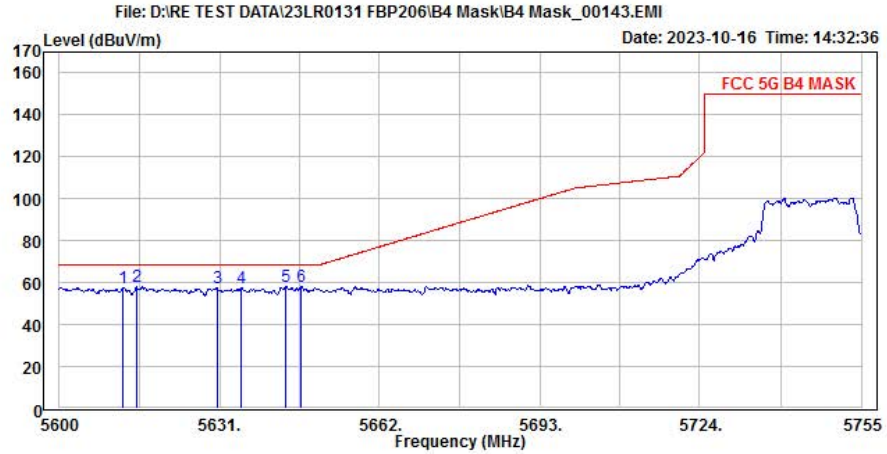

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 H 1-18G.csv Horizonta
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11ac20 low Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5612.400	50.40	7.37	57.77	68.20	-10.43	Horizontal
2	5614.880	50.75	7.36	58.11	68.20	-10.09	Horizontal
3	5630.535	50.07	7.31	57.38	68.20	-10.82	Horizontal
4	5635.185	50.27	7.29	57.56	68.20	-10.64	Horizontal
5	5643.865	50.85	7.26	58.11	68.20	-10.09	Horizontal
6 PP	5646.810	51.09	7.25	58.34	68.20	-9.86	Horizontal

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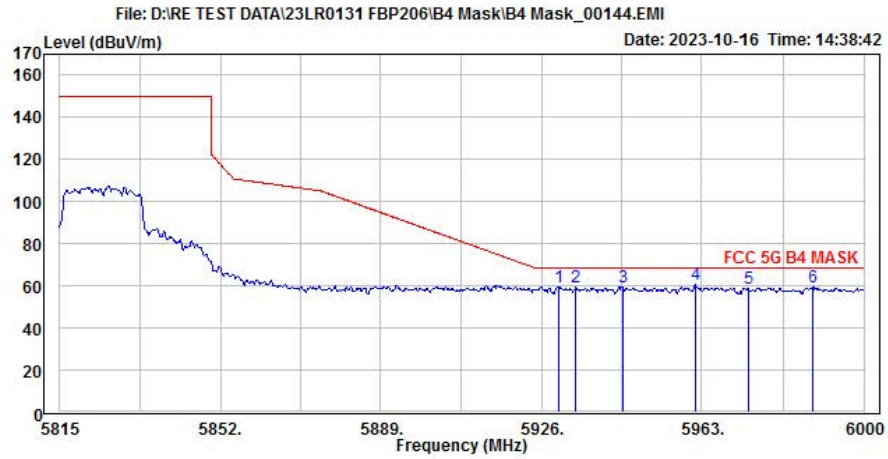

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 V 1-18G.csv Vertical
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11ac20 high Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5929.885	51.57	7.73	59.30	68.20	-8.90	Vertical
2	5933.955	51.52	7.72	59.24	68.20	-8.96	Vertical
3	5944.685	51.90	7.71	59.61	68.20	-8.59	Vertical
4 PP	5961.520	53.03	7.73	60.76	68.20	-7.44	Vertical
5	5973.360	51.34	7.76	59.10	68.20	-9.10	Vertical
6	5988.345	51.47	7.80	59.27	68.20	-8.93	Vertical

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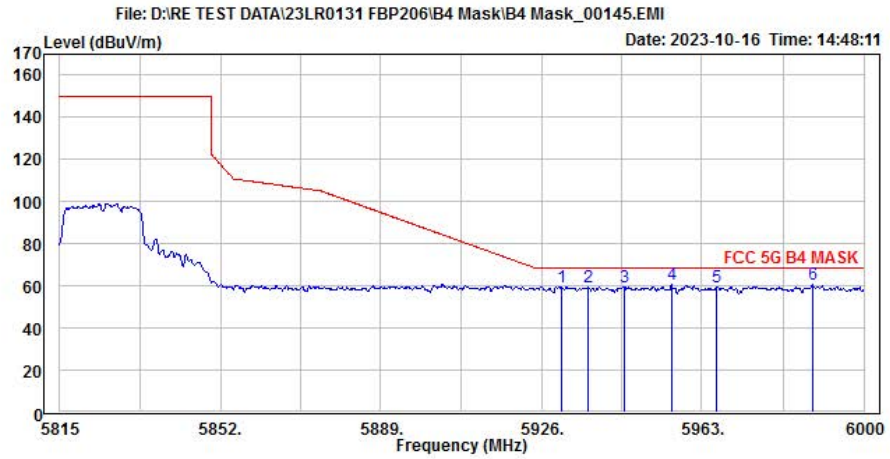

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 H 1-18G.csv Horizonta
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11ac20 high Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5930.810	51.67	7.73	59.40	68.20	-8.80	Horizontal
2	5936.915	51.98	7.73	59.71	68.20	-8.49	Horizontal
3	5945.240	51.72	7.71	59.43	68.20	-8.77	Horizontal
4	5955.970	52.76	7.72	60.48	68.20	-7.72	Horizontal
5	5966.515	51.89	7.75	59.64	68.20	-8.56	Horizontal
6 PP	5988.160	52.76	7.80	60.56	68.20	-7.64	Horizontal

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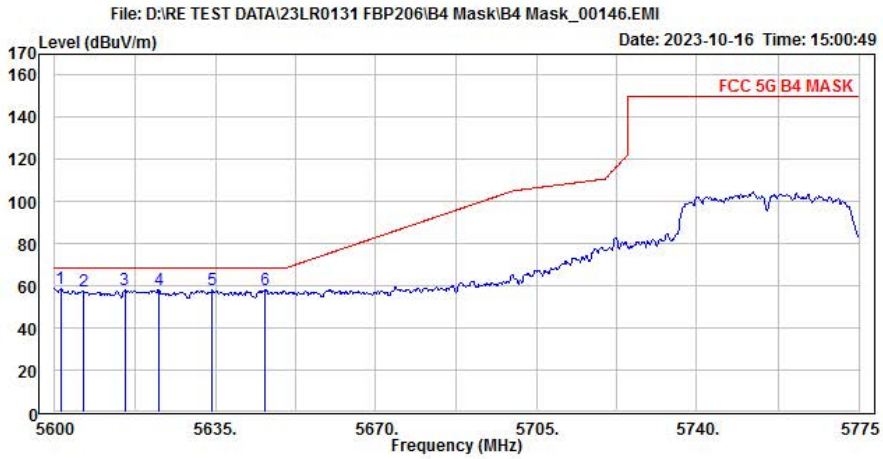

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 V 1-18G.csv Vertical
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11ac40 low Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 PP	5601.225	51.38	7.41	58.79	68.20	-9.41	Vertical
2	5606.125	50.17	7.39	57.56	68.20	-10.64	Vertical
3	5615.225	50.74	7.36	58.10	68.20	-10.10	Vertical
4	5622.575	50.98	7.34	58.32	68.20	-9.88	Vertical
5	5634.300	50.63	7.29	57.92	68.20	-10.28	Vertical
6	5645.850	51.21	7.26	58.47	68.20	-9.73	Vertical

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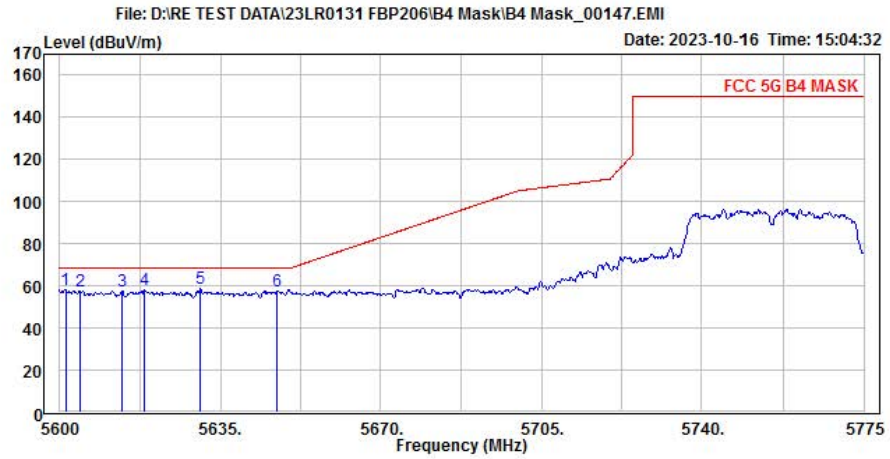

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 H 1-18G.csv Horizonta
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11ac40 low Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5601.225	50.76	7.41	58.17	68.20	-10.03	Horizontal
2	5604.550	50.20	7.39	57.59	68.20	-10.61	Horizontal
3	5613.650	50.40	7.37	57.77	68.20	-10.43	Horizontal
4	5618.550	50.51	7.35	57.86	68.20	-10.34	Horizontal
5 PP	5630.625	51.22	7.31	58.53	68.20	-9.67	Horizontal
6	5647.250	50.30	7.25	57.55	68.20	-10.65	Horizontal

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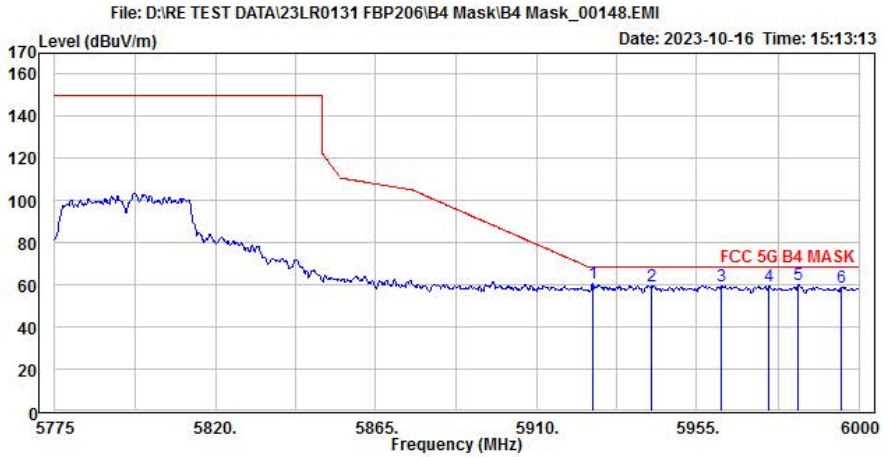

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 V 1-18G.csv Vertical
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11ac40 high Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 PP	5925.750	53.10	7.74	60.84	68.20	-7.36	Vertical
2	5942.400	51.85	7.72	59.57	68.20	-8.63	Vertical
3	5961.975	51.90	7.73	59.63	68.20	-8.57	Vertical
4	5974.800	51.62	7.76	59.38	68.20	-8.82	Vertical
5	5983.125	52.21	7.79	60.00	68.20	-8.20	Vertical
6	5995.275	51.27	7.82	59.09	68.20	-9.11	Vertical

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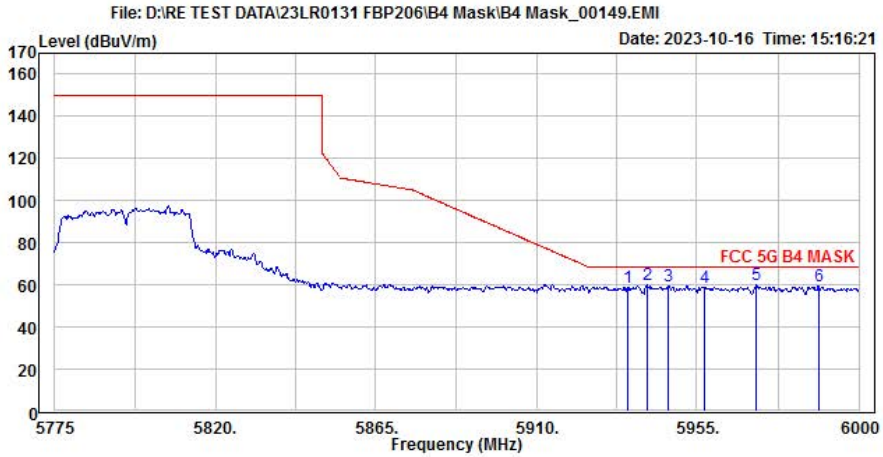

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 H 1-18G.csv Horizonta
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11ac40 high Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5935.650	51.01	7.72	58.73	68.20	-9.47	Horizontal
2	5941.050	52.13	7.72	59.85	68.20	-8.35	Horizontal
3	5947.125	51.89	7.71	59.60	68.20	-8.60	Horizontal
4	5957.025	51.37	7.72	59.09	68.20	-9.11	Horizontal
5 PP	5971.425	52.14	7.75	59.89	68.20	-8.31	Horizontal
6	5988.750	51.82	7.80	59.62	68.20	-8.58	Horizontal

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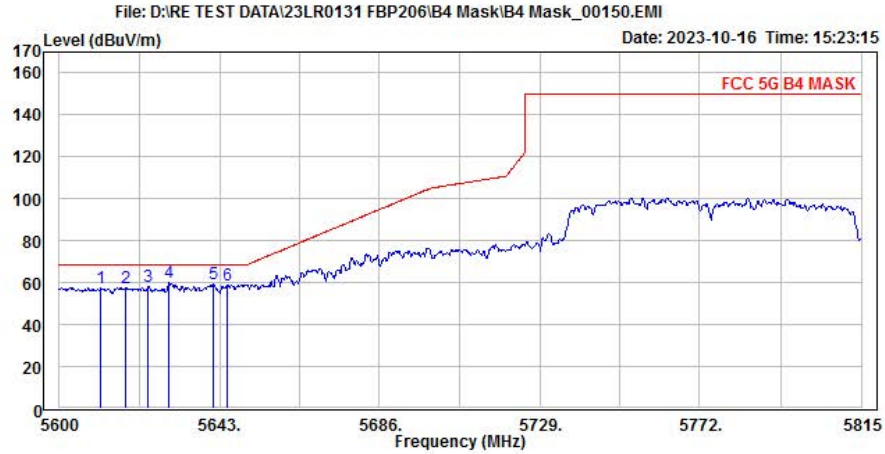

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 V 1-18G.csv Vertical
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11ac80 low Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5611.180	49.92	7.38	57.30	68.20	-10.90	Vertical
2	5617.845	50.03	7.35	57.38	68.20	-10.82	Vertical
3	5623.865	50.82	7.33	58.15	68.20	-10.05	Vertical
4 PP	5629.455	52.53	7.31	59.84	68.20	-8.36	Vertical
5	5641.495	52.16	7.27	59.43	68.20	-8.77	Vertical
6	5645.150	51.68	7.26	58.94	68.20	-9.26	Vertical

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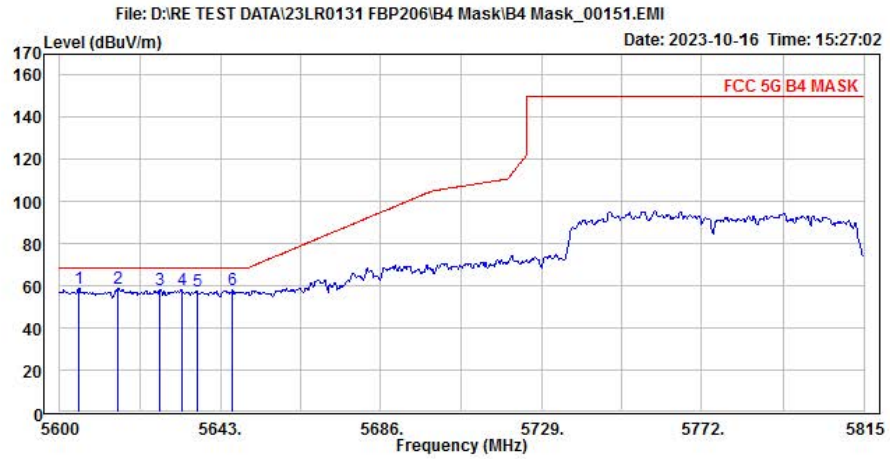

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 H 1-18G.csv Horizonta
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11ac80 low Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 PP	5605.160	51.48	7.39	58.87	68.20	-9.33	Horizontal
2	5615.695	51.44	7.36	58.80	68.20	-9.40	Horizontal
3	5626.875	50.84	7.32	58.16	68.20	-10.04	Horizontal
4	5632.680	50.70	7.30	58.00	68.20	-10.20	Horizontal
5	5636.765	50.11	7.29	57.40	68.20	-10.80	Horizontal
6	5646.225	50.68	7.26	57.94	68.20	-10.26	Horizontal

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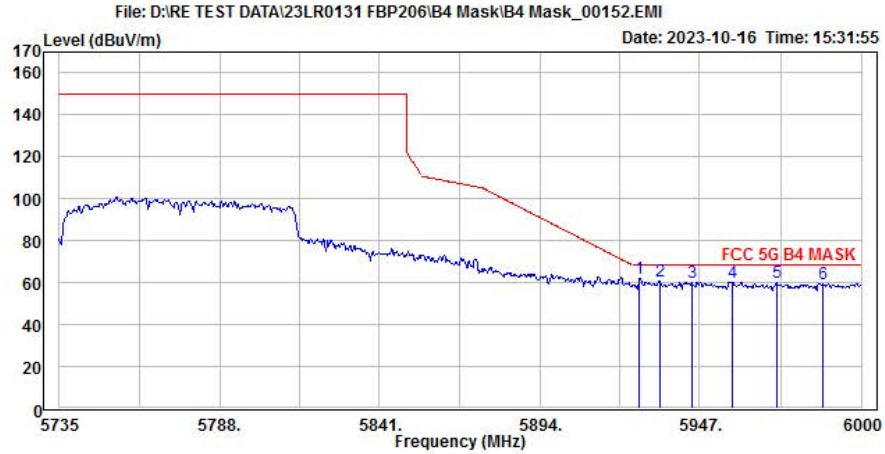

Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 V 1-18G.csv Vertical
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11ac80 high Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	PP 5927.125	54.20	7.74	61.94	68.20	-6.26	Vertical
2	5934.015	53.10	7.72	60.82	68.20	-7.38	Vertical
3	5944.350	52.63	7.71	60.34	68.20	-7.86	Vertical
4	5957.865	52.65	7.73	60.38	68.20	-7.82	Vertical
5	5971.910	52.18	7.75	59.93	68.20	-8.27	Vertical
6	5987.545	51.65	7.80	59.45	68.20	-8.75	Vertical

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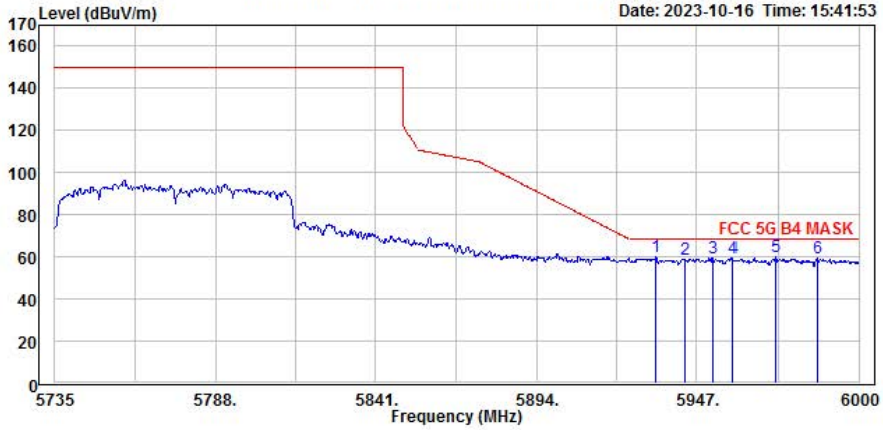
File: D:\RE TEST DATA\23LR0131 FBP206\B4 Mask\B4 Mask_00153.EMI



Condition: limit\FCC\FCC 5G B4 MASK.csv 3m factor\966 3117 H 1-18G.csv Horizonta
: RBW:1000kHz VBW:3000kHz SWT:Auto DET:Positive
EUT : FBP206
Mode : Wifi 5G B4 802.11ac80 high Ch Mask
Note :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5933.485	52.16	7.72	59.88	68.20	-8.32	Horizontal
2	5943.025	51.35	7.71	59.06	68.20	-9.14	Horizontal
3	5952.300	51.49	7.71	59.20	68.20	-9.00	Horizontal
4	5958.660	51.72	7.73	59.45	68.20	-8.75	Horizontal
5 PP	5972.440	52.26	7.75	60.01	68.20	-8.19	Horizontal
6	5986.220	51.44	7.79	59.23	68.20	-8.97	Horizontal