

TEST REPORT

Report No.	CISRR25112520701
Project No.	CISR251125207
FCC ID	2BLP9-A600
Applicant	Zhuhai Murui Technology Co., Ltd.
Address	A1-2, 4th Floor, Building 2#, No. 12 Honghui 5th Road, Hongqi Town, Jinwan District, Zhuhai , Chin
Manufacturer	Zhuhai Murui Technology Co., Ltd.
Address	A1-2, 4th Floor, Building 2#, No. 12 Honghui 5th Road, Hongqi Town, Jinwan District, Zhuhai , Chin
Product Name	Wireless doorbell
Trade mark	-
Model/Type reference	A600
Listed Model(s)	-
Standard	47 CFR Part 15.231
Date of sample receipt	November 26, 2025
Test date	November 26, 2025 to December 1, 2025
Issue date	December 8, 2025
Test result	Complied

Lucas Huang

Reviewed by: Lucas Huang



Approved by: Hans Hu

The test results relate only to the tested samples.

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1. STANDARD AND APPLICABLE TEST METHODS

The tests were performed according to following standards:

47 CFR Part 15.231: Periodic operation in the band 40.66-40.70 MHz and above 70 MHz

ANSI C63.10-2020: American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

2. REPORT VERSION

Version No.	Issue date	Description
00	December 8, 2025	Original

3. TEST DESCRIPTION

No.	Test Item	Standard Requirement	Result
1	Antenna requirement	47 CFR 15.203	Pass
2	20dB Bandwidth	47 CFR 15.231(c)	Pass
3	Transmitter Deactivation Time	47 CFR 15.231(a)(1)	Pass
4	Duty Cycle	47 CFR 15.231(b) & (e)	Pass
5	Field Strength of The Fundamental Signal	47 CFR 15.231(b)	Pass
6	Radiated Emission (below 1GHz)	47 CFR 15.231	Pass
7	Radiated Emission (above 1GHz)	47 CFR 15.231	Pass

Note:

- The measurement uncertainty is not included in the test result.

4. SUMMARY

4.1. Product Description *

Main unit information:	
Product Name:	Wireless doorbell
Trade mark:	-
Model No.:	A600
Listed Model(s):	-
Model difference:	-
Power supply:	DC 3V for Battery
Hardware version:	-
Software version:	-
Accessory unit (AU) information:	
Battery information:	DC 3V

4.2. Radio Specification Description *

Modulation type:	ASK
Operation frequency:	433.92
Transmission Type:	Manual Transmission
Channel number:	1
Antenna type:	PCB antenna
Antenna gain:	1.67dBi

Note:

- 1) *: As the above information is provided by the applicant, all relevant results and conclusions of this report are based solely on such information. Bangce lab shall not be liable for the authenticity, integrity, and resulting outcomes of the information, and/or the validity of the conclusions herein.

4.3. Modification of EUT

No modifications are made to the EUT during all test items.

4.4. Deviation from standards

None

4.5. Testing Site

Laboratory Name	Shenzhen Bangce Testing Technology Co., Ltd.
Laboratory Location	101, building 10, Yunli Intelligent Park, Shutianpu community, Matian Street, Guangming District, Shenzhen, Guangdong, China
Contact information	Tel: 86-755-2319 6848, email: service@cis-cn.net Website: http://www.cis-cn.net/
FCC registration number	736346
FCC designation number	CN1372

5. TEST CONFIGURATION

5.1. Test frequency list

Channel	Frequency (MHz)
CH1	433.92

5.2. Descriptions of test mode

TM1: For RF test items
The engineering test program was provided and enabled to make EUT continuous transmit.
TM2: For Radiated spurious emissions test item:
The engineering test program was provided and enabled to make EUT continuous transmit. The EUT in each of three orthogonal axis emissions had been tested, but only the worst case (Y axis) data Recorded in the report.

5.3. Test sample information

Type	Sample No.
Engineer sample	CISR251125207-S01
Normal sample	CISR251125207-S02

5.4. Environmental conditions

Type	Requirement
Temperature:	15~35°C
Relative Humidity:	25~75%
Air Pressure:	860~1060mbar

5.5. Statement of the measurement uncertainty

No.	Test Items	Measurement Uncertainty
1	AC Conducted Emission	1.63dB
2	Power Spectral Density	1.34dB
3	20dB Bandwidth	0.002%
4	Duty cycle	-
5	Conducted Band Edge and Spurious Emission	1.93dB
6	Radiated Band Edge Emission	3.76dB for 30MHz-1GHz 3.80dB for above 1GHz
7	Radiated Spurious Emission	3.76dB for 30MHz-1GHz 3.80dB for above 1GHz

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

5.6. Equipment Used during the Test

20dB Bandwidth Transmitter Deactivation Time Duty Cycle						
Item	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	Spectrum analyzer	ROHDE&SCHWARZ	FSV-40N	CIS-EE076	2025-01-08	2026-01-07
2	Notch Filter Assembly	WCS	SMU-1003	CIS-EE093	2025-01-08	2026-01-07
3	Vector Signal Generator	Agilent	N5182A	CIS-RE012	2025-01-08	2026-01-07
4	Analog Signal Generator	Agilent	N5181A	CIS-RE013	2025-01-08	2026-01-07
5	Test software	WCS	WCN-Regulator y	CIS-EE103	/	/

Field Strength of The Fundamental Signal Radiated Emission (below 1GHz) Radiated Emission (above 1GHz)						
Item	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	9*6*6 anechoic chamber	SKET	9.3*6.3*6	N/A	2024-09-02	2027-09-01
2	Spectrum analyzer	Agilent	N9020A	MY50530263	2025-01-08	2026-01-07
3	Spectrum analyzer	R&S	FSV-40N	102130	2025-01-08	2026-01-07
4	Bilog Antenna	Schwarzbeck	VULB 9163	1463	2023-01-09	2026-01-08
5	Horn Antenna	SCHWARZBECK	BBHA 9120 D	2487	2023-01-09	2026-01-08
6	Active Loop Antenna	SCHWARZBECK	FMZB 1519B	/	2023-01-09	2026-01-08
7	RF Cable	Tonscend	Cable 1	/	2025-01-08	2026-01-07
8	RF Cable	Tonscend	Cable 2	/	2025-01-08	2026-01-07
9	RF Cable	SKET	Cable 3	/	2025-01-08	2026-01-07
10	L.I.S.N.#1	Schwarzbeck	NSLK812 7	/	2025-01-08	2026-01-07
11	L.I.S.N.#2	ROHDE&SCHWARZ	ENV216	/	2025-01-08	2026-01-07
12	Horn Antenna	SCHWARZBECK	BBHA917 0	1130	2023-01-09	2026-01-08
13	Preamplifier	Tonscend	TAP1804 0048	AP21C806126	2025-01-08	2026-01-07
14	Variable-frequency power source	Pinhong	PH1110	/	2025-01-08	2026-01-07
15	6dB Attenuator	SKET	DC-6G	/	2025-01-08	2026-01-07

16	Antenna tower	SKT	Bk-4AT- BS	AT202104010 1-V1	2025-01-08	2026-01-07
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6. TEST RESULTS

6.1. Evaluation Results (Evaluation)

6.1.1. Antenna requirement

Test Requirement:	Refer to 47 CFR Part 15.203, 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 shall be considered sufficient to comply with the provisions of this section.
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6.1.1.1. Test Result

Pass

6.1.1.2. Conclusion:

The EUT antenna is PCB antenna. It complies with the standard requirement. In case of replacement of broken antenna the same antenna type must be used. Antenna structure please refer to the EUT internal photographs antenna photo.

6.2. Radio Spectrum Matter Test Results (RF)

6.2.1. 20dB Bandwidth

Test Requirement:	47 CFR 15.231(c)
Test Limit:	The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.
Test Method:	ANSI C63.10-2020, section 6.9.2
Procedure:	a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW, unless otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.5.2. d) Steps a) through c) might require iteration to adjust within the specified tolerances. e) The dynamic range of the instrument at the selected RBW shall be more than 10 dB below the target “-xx dB down” requirement; that is, if the requirement calls for measuring the -20 dB OBW, the instrument noise floor at the selected RBW shall be at least 30 dB below the reference value. f) Set detection mode to peak and trace mode to max hold. g) Determine the reference value: Set the EUT to transmit an unmodulated carrier or modulated signal, as applicable. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value). h) Determine the “-xx dB down amplitude” using $[(\text{reference value}) - xx]$. Alternatively, this calculation may be made by using the marker-delta function of the instrument. i) If the reference value is determined by an unmodulated carrier, then turn the EUT modulation ON, and either clear the existing trace or start a new trace on the spectrum analyzer and allow the new trace to stabilize. Otherwise, the trace from step g) shall be used for step j). j) Place two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “ixx dB down amplitude” determined in step h). If a marker is below this “-xx dB down amplitude” value, then it shall be as close as possible to this value. The occupied bandwidth is the frequency difference between the two markers. Alternatively, set a marker at the lowest frequency of the

	envelope of the spectral display, such that the marker is at or slightly below the “fxx dB down amplitude” determined in step h). Reset the marker-delta function and move the marker to the other side of the emission until the delta marker amplitude is at the same level as the reference marker amplitude. The marker-delta frequency reading at this point is the specified emission bandwidth. k) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).
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6.2.1.1. E.U.T. Operation

Operating Environment:					
Temperature:	23.4 °C	Humidity:	55.3 %	Atmospheric Pressure:	101.9 kPa
Pre test mode:	TM1				
Final test mode:	TM1				

6.2.1.2. Test Setup Diagram



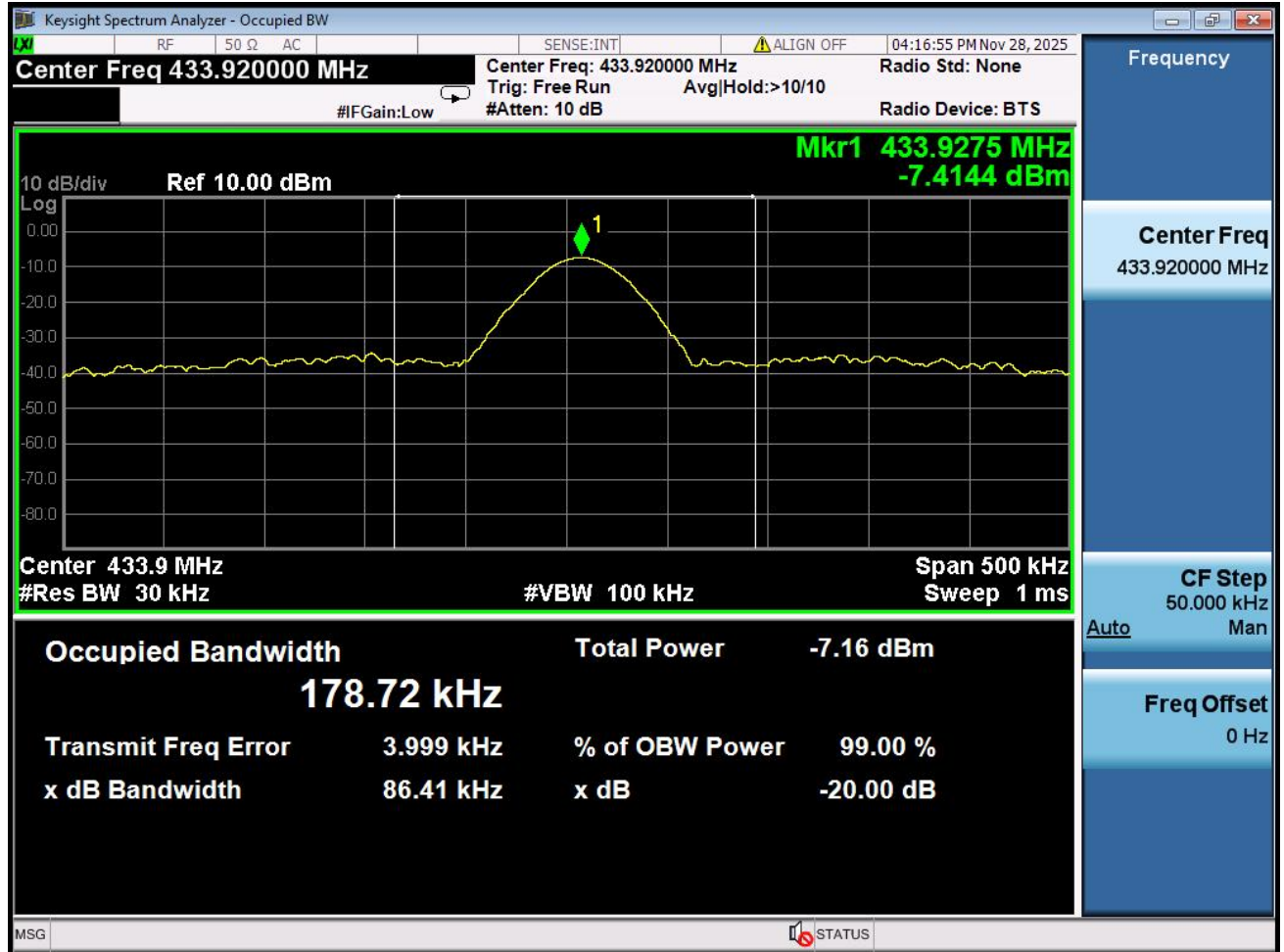
6.2.1.3. Test Result

Pass

6.2.1.4. Test Data

Test Channel	20dB Bandwidth (kHz)	Limit (kHz)	Result
CH1	86.41	1084.8	Pass

NOTE: Limit=0.25%*Center Frequency=1084.8 kHz



6.2.2. Transmitter Deactivation Time

Test Requirement:	47 CFR 15.231(a)(1)
Test Limit:	(1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.
Test Method:	ANSI C63.10-2020, Section 7.4
Procedure:	For evaluation of periodic operation characteristics, the following procedure may be used: a) Trigger the spectrum analyzer sweep on the RF waveform of the unlicensed wireless device. b) Set the spectrum analyzer sweep time greater than the specified time for periodic operation. c) Manually activate and deactivate the unlicensed wireless device and confirm that it ceases transmission within the specified time of deactivation. d) Document the test results. e) Verify and document that periodic transmissions at regular predetermined intervals do not exist, except where regulatory requirements allow polling or supervision transmissions, including data, to determine system integrity. Compliance is addressed by an attestation supported by the equipment theory of operation.

6.2.2.1. E.U.T. Operation

Operating Environment:					
Temperature:	22.9 °C	Humidity:	55.4 %	Atmospheric Pressure:	101.9 kPa
Pre test mode:	TM1				
Final test mode:	TM1				

6.2.2.2. Test Setup Diagram

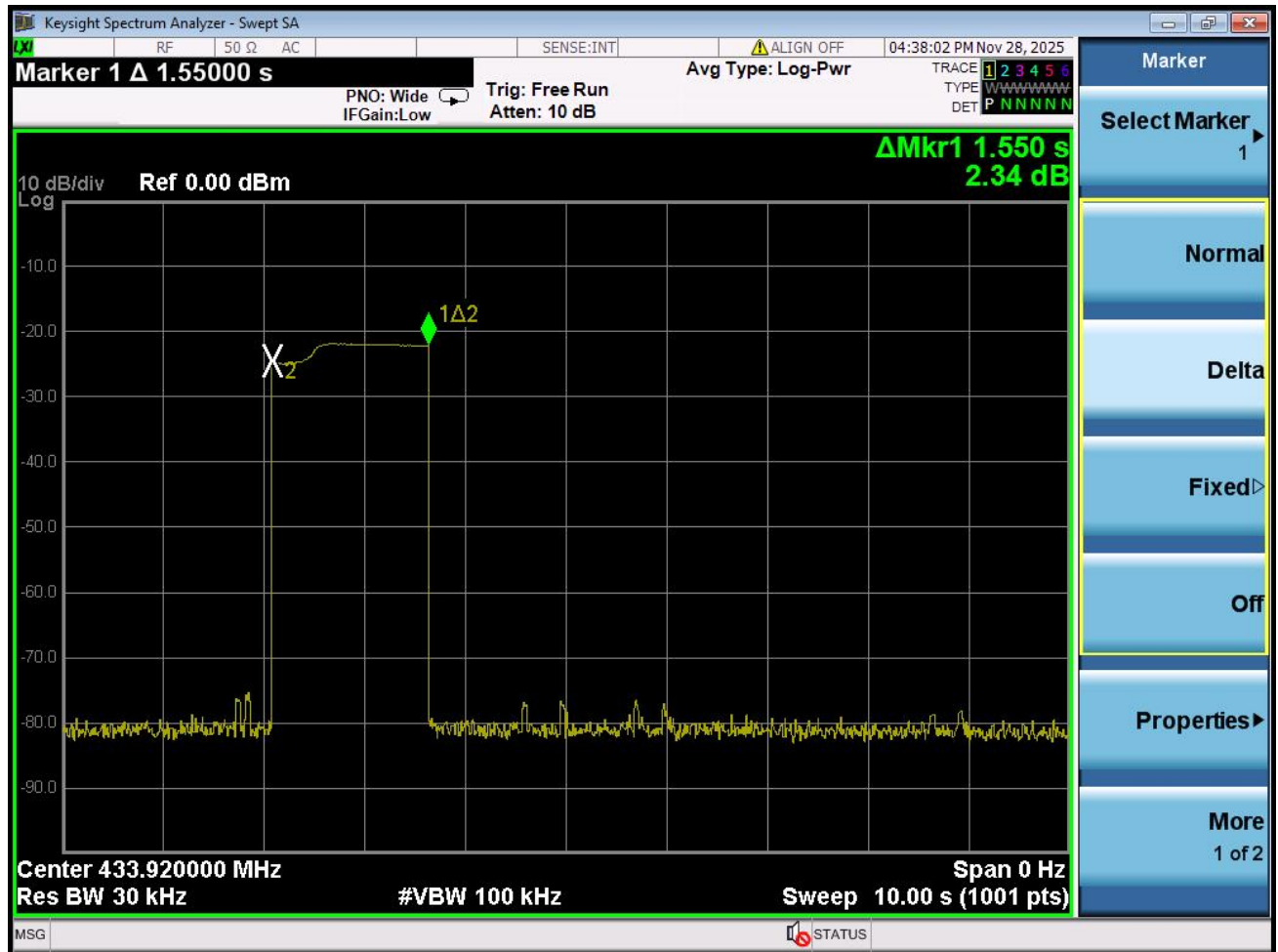


6.2.2.3. Test Result

Pass

6.2.2.4. Test Data

Transmission time (second)	Limit (second)	Result
1.55	5	Pass



6.2.3. Duty Cycle

Test Requirement:	47 CFR 15.231(b) & (e)
Test Limit:	No limit, only for Report Use.
Test Method:	ANSI C63.10-2020, Section 7.5
Procedure:	a) Adjust and configure any EUT switches, controls, or input data streams to ensure that the EUT is transmitting or encoded to obtain the “worst-case” pulse ON time. b) Couple the final radio frequency output signal to the input of a spectrum analyzer. This may be performed by a radiated, direct connection (i.e., conducted) or by a “near-field” coupling method. The signal received shall be of sufficient level to trigger adequately the spectrum analyzer sweep display. NOTE—If the bandwidth of the pulse is greater than the RBW of the spectrum analyzer, then a similar measurement may be performed using a wideband digital storage oscilloscope (DSO). c) Adjust the center frequency of the spectrum analyzer to the center of the RF signal. d) Set the spectrum analyzer for ZERO span. e) Adjust the sweep time to obtain at least a 100 ms period of time on the horizontal display axis of the spectrum analyzer. f) If the pulse train is periodic (i.e., consists of a series of pulses that repeat in a characteristic pattern over a constant time period), and the period (T) is less than or equal to 100 ms, then: 1) Set the TRIGGER on the spectrum analyzer to capture at least one period of the pulse train, including any blanking intervals. 2) Determine the total maximum pulse “ON time” (t_{ON}) over one period of the pulse train. An example of a periodic pulse train and the associated period is shown in Figure 14. If the pulse train contains pulses of different widths, then t_{ON} is determined by summing the duration of all of the pulses within the pulse train [i.e., $t_{ON} = \Sigma(t_1 + t_2 + \dots t_n)$]. 3) The duty cycle is then determined by dividing the total maximum “ON time” by the period of the pulse train (t_{ON}/T). g) If the pulse train is nonperiodic or is periodic with a period that exceeds 100 ms, or as an alternative to step f), then: 1) Set the TRIGGER on the spectrum analyzer to capture the greatest amount of pulse “ON time” over 100 ms. 2) Find the 100 ms period that contains the maximum “on time”; this may require summing the duration of multiple pulses as described in step f2). 3) Determine the duty cycle by dividing the total maximum “ON time” by 100 ms ($t_{ON}/100$ ms).

6.2.3.1. E.U.T. Operation

Operating Environment:					
Temperature:	22 °C	Humidity:	55.2 %	Atmospheric Pressure:	101.9 kPa
Pre test mode:	TM1				
Final test mode:	TM1				

6.2.3.2. Test Setup Diagram

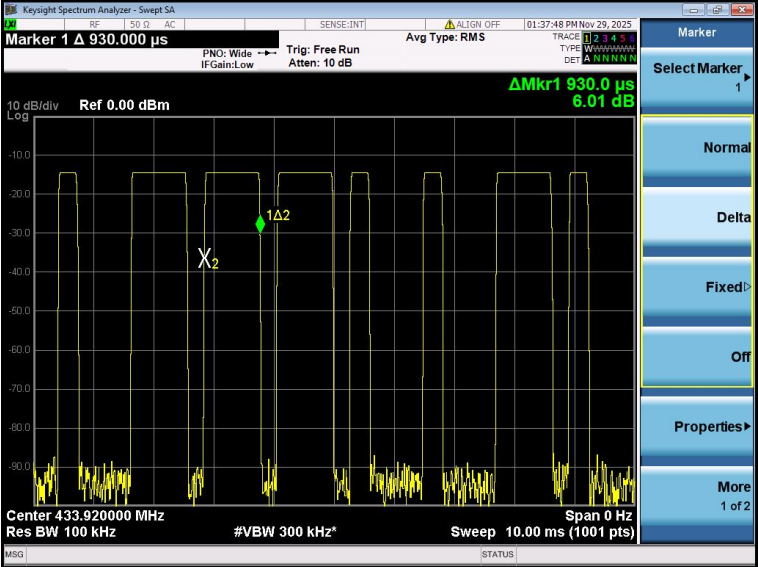
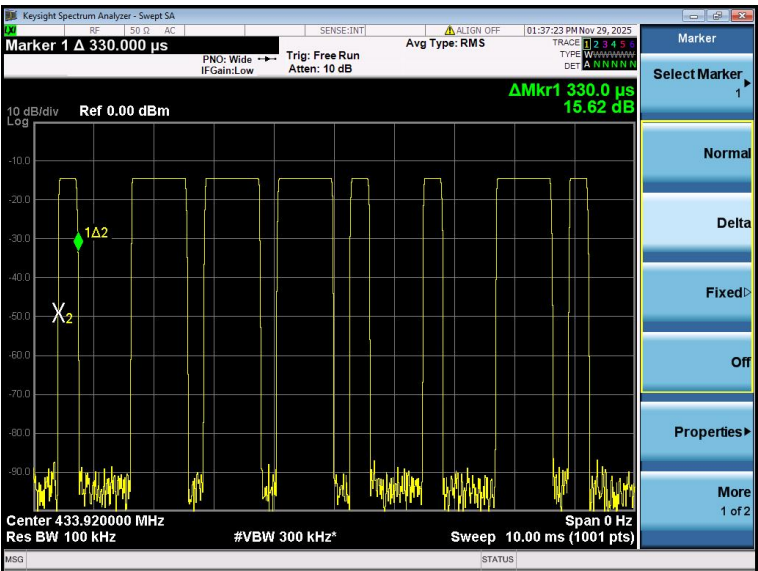
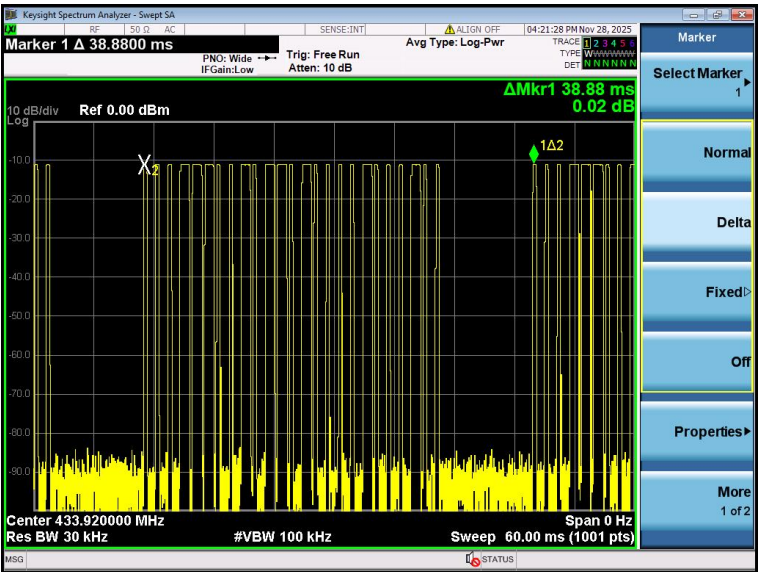


6.2.3.3. Test Result

Pass

6.2.3.4. Test Data

T _{ON1} (ms) :	0.93
T _{ON1} number	9
T _{ON2} (ms) :	0.33
T _{ON2} number	16
Period (ms) :	38.88
Duty Cycle :	$= (0.93 \times 9 + 0.33 \times 16) / 38.88 = 0.35$
Duty Cycle Corrected Factor:	$= 20 \times \log(0.35) = -9.11\text{dB}$

T_{ON1} (ms) :	
T_{ON2} (ms) :	
Period (ms) :	

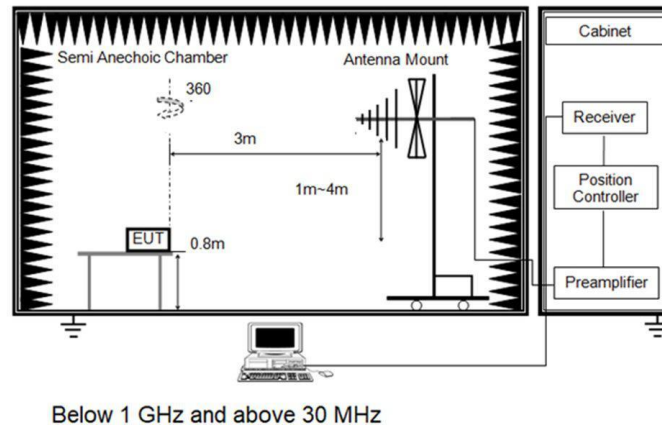
6.2.4. Field Strength of The Fundamental Signal

Test Requirement:	47 CFR 15.231(b)		
Test Limit:	Fundamental frequency (MHz)	Field strength of fundamental (microvolts/meter)	Field strength of spurious emissions (microvolts/meter)
	40.66-40.70	2,250	225
	70-130	1,250	125
	130-174	¹ 1,250 to 3,750	¹ 125 to 375
	174-260	3,750	375
	260-470	¹ 3,750 to 12,500	¹ 375 to 1,250
	Above 470	12,500	1,250
	¹ Linear interpolations. (1) The above field strength limits are specified at a distance of 3 meters. The tighter limits apply at the band edges.		
Test Method:	ANSI C63.10-2020, Section 6.5		
Procedure:	1>. The EUT was setup and tested according to ANSI C63.10. 2>. The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. 3>. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower. 4>. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines. 5>. Set to the maximum power setting and enable the EUT transmit continuously. 6>. Use the following spectrum analyzer settings a) Span shall wide enough to fully capture the emission being measured; b) RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold; If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.		

6.2.4.1. E.U.T. Operation

Operating Environment:					
Temperature:	22.8 °C	Humidity:	56.2 %	Atmospheric Pressure:	102.6 kPa
Pre test mode:	TM2				
Final test mode:	TM2				

6.2.4.2. Test Setup Diagram



6.2.4.3. Test Result

Pass

6.2.4.4. Test Data

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarity
433.92	81.12	100.83	19.71	Peak	Horizontal
433.92	72.01	80.83	8.82	Average	Horizontal
433.92	81.13	100.83	19.70	Peak	Vertical
433.92	72.02	80.83	8.81	Average	Vertical

Note:

- 1) Level= Reading + Factor/Transd; Factor/Transd =Antenna Factor+ Cable Loss- Preamp Factor
- 2) Margin = Limit – Level
- 3) Average Level = Peak Level+Duty cycle corrected factor
- 4) This test was performed with EUT in X, Y, Z position and the worse case was found when EUT in Y position.

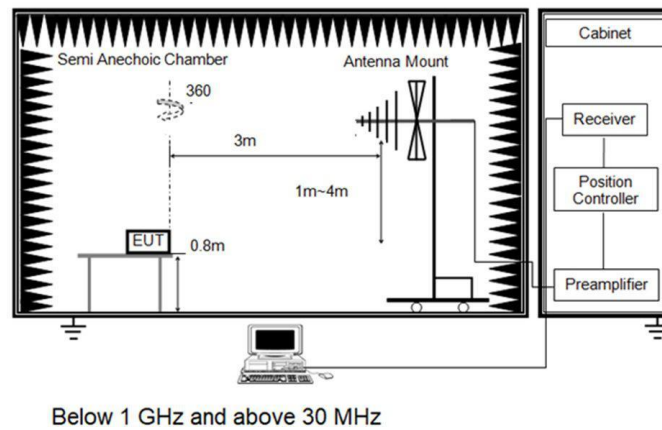
6.2.5. Radiated Emission (below 1GHz)

Test Requirement:	47 CFR 15.231		
Test Limit:	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300
	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30	30
	30-88	100 **	3
	88-216	150 **	3
	216-960	200 **	3
	Above 960	500	3
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.			
Test Method:	ANSI C63.10-2020, Section 6.5		
Procedure:	1>. The EUT was setup and tested according to ANSI C63.10. 2>. The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. 3>. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower. 4>. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines. 5>. Set to the maximum power setting and enable the EUT transmit continuously. 6>. Use the following spectrum analyzer settings a) Span shall wide enough to fully capture the emission being measured; b) RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold; If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.		

6.2.5.1. E.U.T. Operation

Operating Environment:					
Temperature:	23.2 °C	Humidity:	56.6 %	Atmospheric Pressure:	102.6 kPa
Pre test mode:	TM1				
Final test mode:	TM1				

6.2.5.2. Test Setup Diagram

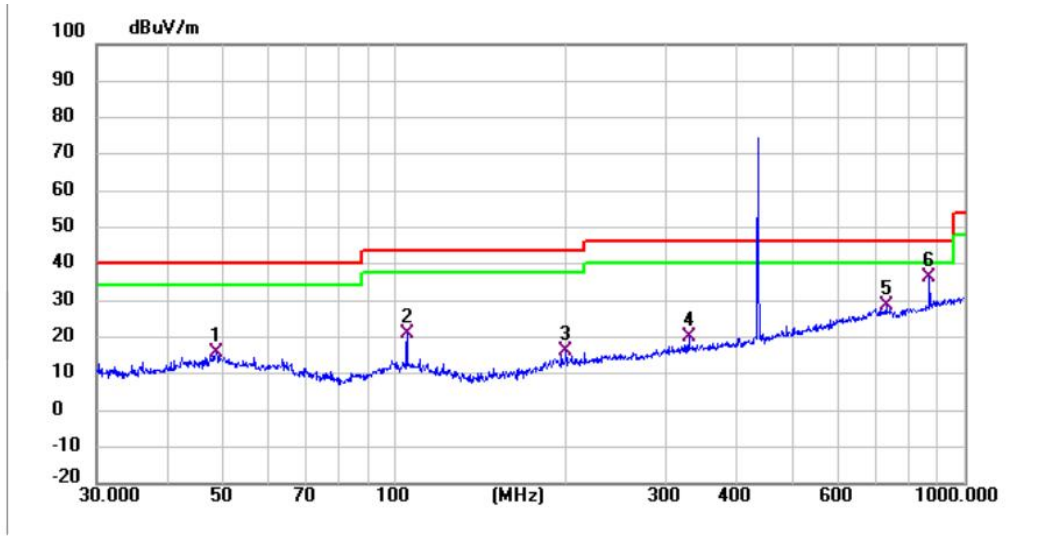


6.2.5.3. Test Result

Pass

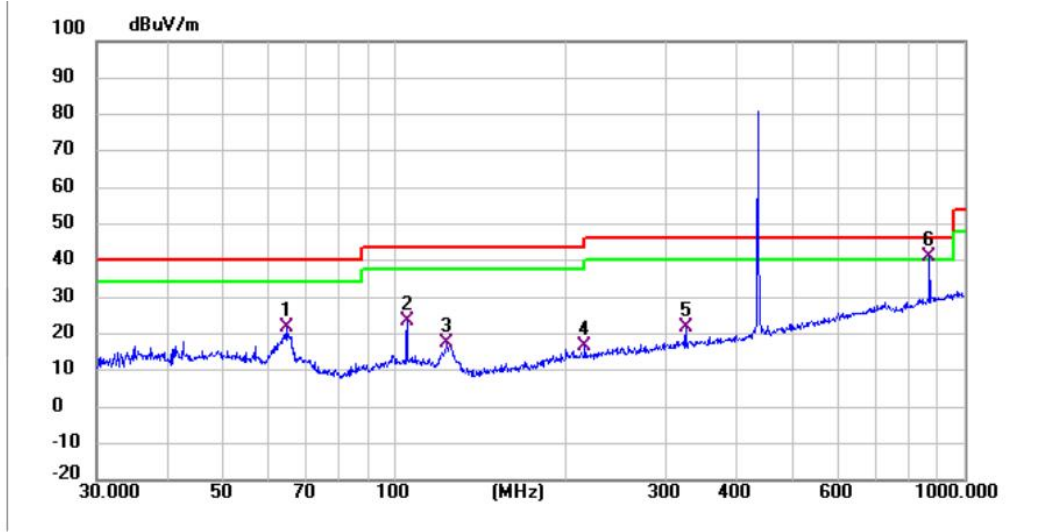
6.2.5.4. Test Data

Mode1 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	48.6720	44.91	-29.18	15.73	40.00	24.27	QP
2	105.2716	51.93	-30.79	21.14	43.50	22.36	QP
3	199.9855	45.91	-29.86	16.05	43.50	27.45	QP
4	329.0390	46.25	-26.39	19.86	46.00	26.14	QP
5	729.3582	45.11	-16.63	28.48	46.00	17.52	QP
6 *	869.1301	51.78	-15.25	36.53	46.00	9.47	QP

Mode1 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	64.6594	53.49	-31.64	21.85	40.00	18.15	QP
2	105.2717	54.14	-30.79	23.35	43.50	20.15	QP
3	123.6984	50.05	-32.58	17.47	43.50	26.03	QP
4	216.0240	46.28	-29.61	16.67	46.00	29.33	QP
5	324.4560	48.37	-26.60	21.77	46.00	24.23	QP
6 *	869.1302	56.26	-15.25	41.01	46.00	4.99	QP

Note:

1>. For 9 kHz ~ 30 MHz Measurement

The EUT was pre-scanned this frequency band, found the radiated level 20dB lower than the limit, so don't show data on this report.

2>. Level= Reading + Factor (Antenna Factor+ Cable Loss- Preamp Factor)

3>. Margin = Limit – Level

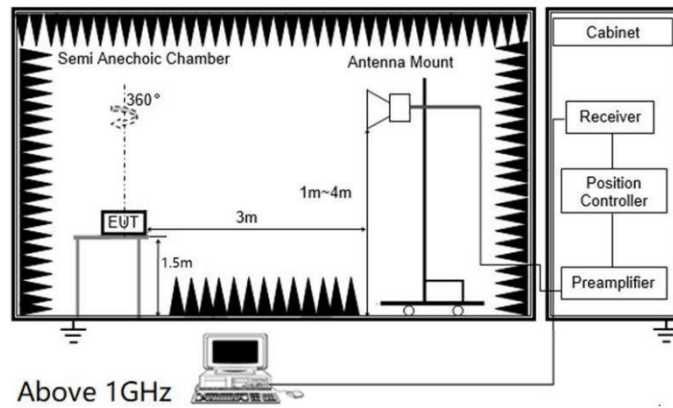
6.2.6. Radiated Emission (above 1GHz)

Test Requirement:	47 CFR 15.231		
Test Limit:	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300
	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30	30
	30-88	100 **	3
	88-216	150 **	3
	216-960	200 **	3
	Above 960	500	3
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.			
Test Method:	ANSI C63.10-2020, Section 6.6		
Procedure:	1>. The EUT was setup and tested according to ANSI C63.10. 2>. The EUT is placed on a turn table which is 0.8 meter above ground for 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level. 3>. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower. 4>. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines. 5>. Set to the maximum power setting and enable the EUT transmit continuously. 6>. Use the following spectrum analyzer settings a) Span shall wide enough to fully capture the emission being measured; b) Set RBW=1MHz, VBW=3MHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement For average measurement: use duty cycle correction factor method (DCCF) Average level = Peak level + DCCF		

6.2.6.1. E.U.T. Operation

Operating Environment:					
Temperature:	22.4 °C	Humidity:	55.1 %	Atmospheric Pressure:	102.6 kPa
Pre test mode:	TM1				
Final test mode:	TM1				

6.2.6.2. Test Setup Diagram

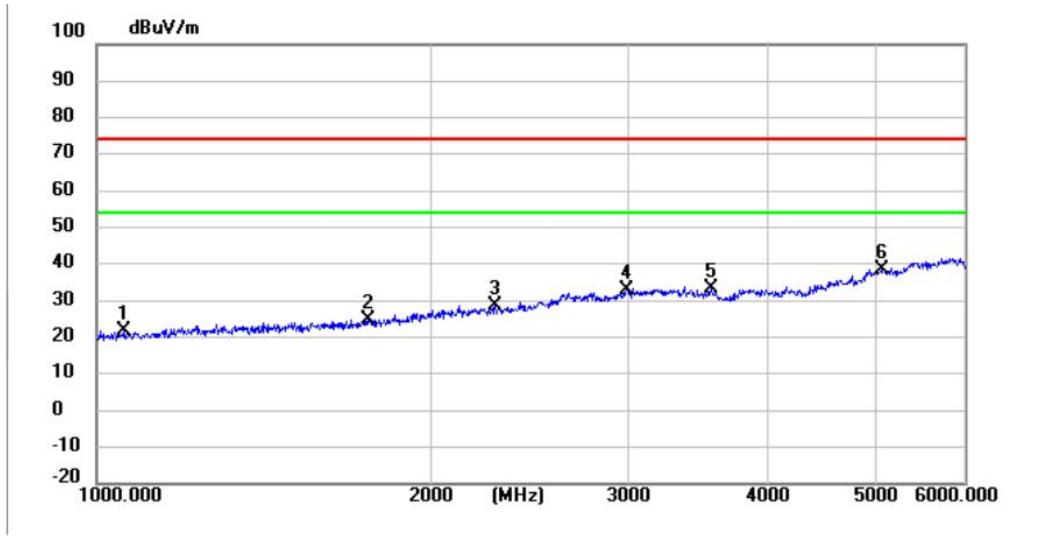


6.2.6.3. Test Result

Pass

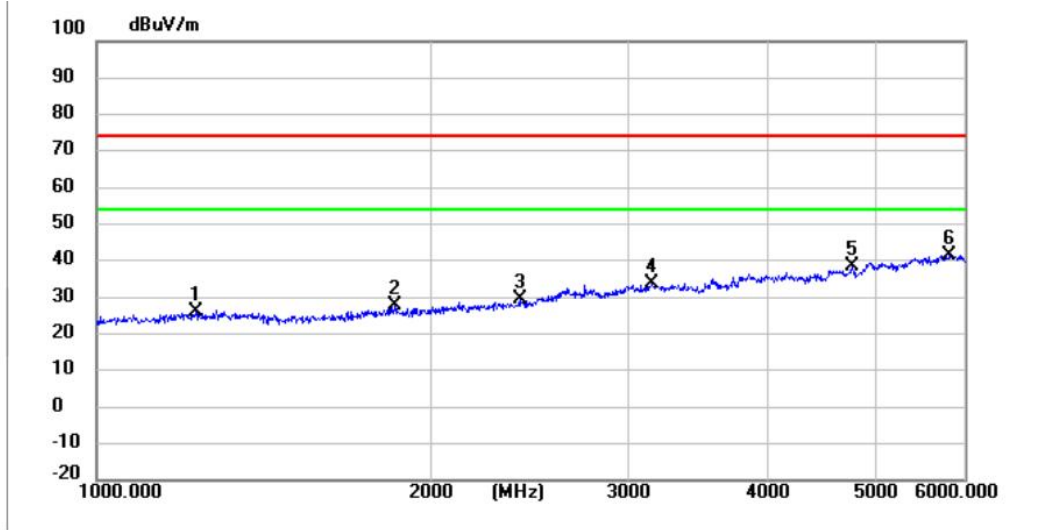
6.2.6.4. Test Data

Mode1 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1057.5000	43.91	-21.98	21.93	74.00	52.07	peak
2	1755.0000	44.66	-19.77	24.89	74.00	49.11	peak
3	2280.0000	46.22	-17.59	28.63	74.00	45.37	peak
4	2993.0000	47.61	-14.64	32.97	74.00	41.03	peak
5	3560.5000	46.84	-13.55	33.29	74.00	40.71	peak
6 *	5076.5000	46.95	-8.30	38.65	74.00	35.35	peak

Mode1 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1229.5000	47.65	-21.41	26.24	74.00	47.76	peak
2	1849.5000	47.18	-19.42	27.76	74.00	46.24	peak
3	2401.0000	46.98	-17.28	29.70	74.00	44.30	peak
4	3153.5000	47.86	-14.22	33.64	74.00	40.36	peak
5	4765.5000	48.48	-10.10	38.38	74.00	35.62	peak
6 *	5829.5000	47.88	-6.20	41.68	74.00	32.32	peak

Note:

1>. Level= Reading + Factor (Antenna Factor+ Cable Loss- Preamp Factor)

2>. Margin = Limit – Level

3>. Average measurement was not performed if peak level is lower than average limit (54dBuV/m) above 1GHz.