

FCC RADIO TEST REPORT

Applicant.....: Vornado Air LLC

Address.....: 415 East 13th Street, Andover KS 67002 USA

Manufacturer....: Foshan Shunde Toppin Electrical Technology Co., LTD

Address.....: No.7 Chaogui Road, Hi-Tech Area, Ronggui, Shunde District, Foshan,

Guangdong, China

Factory: Foshan Shunde Toppin Electrical Technology Co., LTD

Address: No.7 Chaogui Road, Hi-Tech Area, Ronggui, Shunde District, Foshan,

Guangdong, China

Product Name.....: Sensa Remote

Brand Name.....: : VORNADO

Model No. : SENSA2

FCC ID.....: WOT-SENSA2

Measurement Standard......: 47 CFR FCC Part 15, Subpart C (Section 15.231)

Receipt Date of Samples.....: August 03, 2023

Date of Tested.....: August 03, 2023 to September 11, 2023

Date of Report.....: November 03, 2023

This report shows that above equipment is technically compliant with the requirements of the standards above. All test results in this report apply only to the tested sample(s). Without prior apply of Dongguan

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Prepared by

Rose Hu / Project Engineer

Approved by

Iori Fan / Authorized Signatory





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Revision History

Report Number	Description	Issued Date
NTC2308074FV00	Initial Issue	2023-11-03





1. Summary of Test Result

FCC Rules	Description of Test	Result	Remarks
§15.207 (a)	AC Power Line Conducted Emission	N/A see note 2	
§15.231(e) & 15.209	Radiated Spurious Emission	PASS	
§15.231(c)	20 dB Occupied bandwidth	PASS	
§15.231(a)	Transmission time	PASS	
§15.203	Antenna Requirement	PASS	

Note: 1. The EUT has been tested as an independent unit. And continual transmitting in maximum power (New batteries were used during test)

^{2.} AC Power Conducted Emission is not applicable due to the EUT only can be powered by battery.





2. General Description of EUT

Product Information	
Product Name:	Sensa Remote
Main Model Name:	SENSA2
Additional Model Name:	N/A
Model Difference:	N/A
S/N:	SENSA001
Brand Name:	VORNADO
Hardware Version:	V1.0
Software Version:	V1.0
Rating:	2* DC 1.5V AA batteries
Classification:	Class B
Typical arrangement:	Table-top
I/O Port:	Refer to user's manual
Accessories Information	
Adapter:	N/A
Cable:	N/A
Other:	N/A
Additional Information	
Note:	N/A
Remark:	All the information above are provided by the manufacturer. More detailed feature of the EUT please refers to the user manual.





Technical Specification				
Declaring the Frequency:	315MHz			
Modulation Type:	ASK			
Antenna Type:	PCB antenna			
Antenna Gain:	0 dBi (Declared by manufacturer)			
Number of Channels:	1			



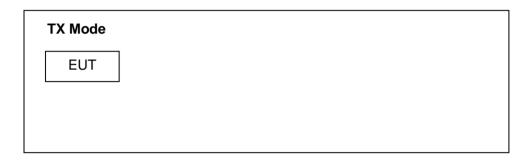


3. Test Channels and Modes Detail

Mode		Test Frequency (MHz)	Modulation	Data Rate (Mbps)
1	1 TX 315MHz		ASK	

Note: TX mode means that the EUT was programmed to be in continuously transmitting mode.

4. Configuration of EUT



5. Modification of EUT

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

6. Description of Support Device

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Equipment	Brand	M/N	S/N	Cable Specification	Remarks





7. Test Facility and Location

Test Site	•	Dongguan Nore Testing Center Co., Ltd. (Dongguan NTC Co., Ltd.)			
Accreditations and	:	The Laboratory has been assessed and proved to be in compliance with			
Authorizations		CNAS/CL01			
		Listed by CNAS, August 13, 2018			
		The Certificate Registration Number is L5795.			
		The Certificate is valid until August 13, 2024			
		The Laboratory has been assessed and proved to be in compliance with ISO17025			
		ed by A2LA, November 01, 2017			
		The Certificate Registration Number is 4429.01			
		Listed by FCC, November 06, 2017			
		Test Firm Registration Number: 907417			
		Listed by Industry Canada, June 08, 2017			
		The Certificate Registration Number. Is 46405-9743A			
Test Site Location	:	Building D, Gaosheng Science and Technology Park, Hongtu Road, Nancheng			
		District, Dongguan City, Guangdong Province, China			





8. Applicable Standards and References

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

Test Standards:

47 CFR Part 15, Subpart C, 15.231 ANSI C63.10-2013

References Test Guidance:

N/A

9. Deviations and Abnormalities from Standard Conditions

No additions, deviations and exclusions from the standard.

10. Test Conditions

No.	Test Item	Test Mode	Test Voltage	Tested by	Remarks
1.	AC Power Conducted Emission				
2.	Radiated Emission	1	DC 3V	Sean	See note 1
3.	20 dB Occupied bandwidth	1	DC 3V	Sean	See note 1
4.	Transmission time	1	DC 3V	Sean	See note 1
5.	Antenna Requirement				

Note:

- 1. The testing climatic conditions for temperature, humidity, and atmospheric pressure are within: 15~35 °C, 30~70%, 86~106kPa.
- 2. As the EUT can be operated multiple positions, all X,Y,Z axis were considered during the test and only the worst case X was recorded.





11. Measurement Uncertainty

No.	Test Item	Frequency	Uncertainty	Remarks
1.	Conducted Emission	150KHz ~ 30MHz	±2.52 dB	
		9kHz ~ 30MHz	±5.66 dB	
2.	Radiated Emission Test	30MHz ~ 1GHz	±5.66 dB	
2.		1GHz ~ 18GHz	±5.19 dB	
		18GHz ~ 40GHz	±5.19 dB	
3.	Occupied Bandwidth		±0.72%	
4.	Transmission time		±0.01ms	

Note:

- 1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
- 2. The measurement uncertainly levels above are estimated and calculated according to CISPR 16-4-2.
- 3. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.





12. Sample Calculations

	Conducted Emission							
Freq. (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector		
0.1900	30.10	10.60	40.70	79.00	-38.30	QP		

Where,

Freq. = Emission frequency in MHz

Reading Level = Spectrum Analyzer/Receiver Reading

Corrector Factor = Insertion loss of LISN + Cable Loss + RF Switching Unit attenuation

Measurement = Reading + Corrector Factor

Limit = Limit stated in standard

Margin = Measurement - Limit

Detector = Reading for Quasi-Peak / Average / Peak

Radiated Spurious Emissions						
Freq. (MHz)	Reading Level (dBuV)	Correct Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
728.4000	6.28	29.35	35.63	46.00	-10.37	QP

Where,

Freq. = Emission frequency in MHz

Reading Level = Spectrum Analyzer/Receiver Reading

Corrector Factor = Antenna Factor + Cable Loss - Pre-amplifier

Measurement = Reading + Corrector Factor

Limit = Limit stated in standard

Over = Margin, which calculated by Measurement - Limit

Detector = Reading for Quasi-Peak / Average / Peak

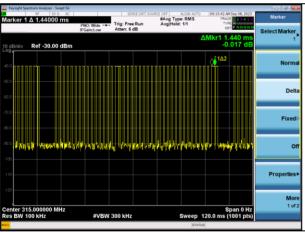
Note: For all conducted test items, the spectrum analyzer offset or transducer is derived from RF cable loss and attenuator factor. The offset or transducer is equal to the RF cable loss plus attenuator factor.

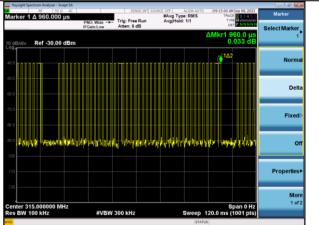




13. Duty Cycle

MHz	(ms)	Ton time (Total) (ms)	Duty cycle	AV Factor
315	89.28	22.08	0.2473	-12.14
	Test F	Photo		
TP time			Ton 1 time	
	AMkrt 89.28 ms 0.019 dB 102 Normal Detta	250 Center 315.000000 MHz	Arigi Free Run Attent 6 dB AmylHold: 1/1 AmylHold	Save Compared Com





Note: Duty Cycle = (Total Ton time / TP time) x 100%

Total Ton time = Ton 1 x n1 + Ton 2 x n2 ++ Ton n x n = 0.48*38+1.44*2+0.96*1=22.08ms AV Factor = 20log(Duty Cycle).



14. Test Items and Results

14.1 Conducted Emissions Measurement

LIMIT

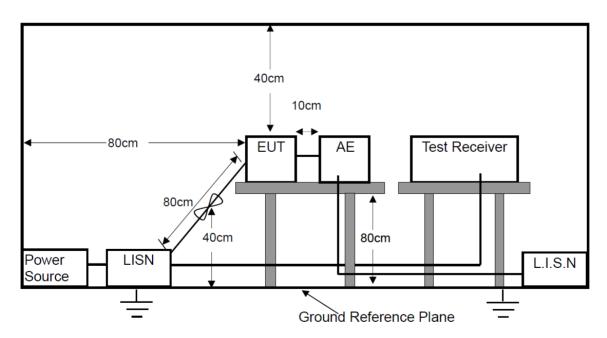
According to the requirements of FCC PART 15.207, the limits are as follows:

Frequency (MHz)	Quasi-peak	Average
0.15 to 0.5	66 to 56	56 to 46
0.5 to 5	56	46
5 to 30	60	50

Note: 1. If the limits for the average detector are met when using the quasi-peak detector, then the limits for the measurements with the average detector are considered to be met.

- 2. The lower limit shall apply at the transition frequencies.
- 3. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5MHz.

BLOCK DIAGRAM OF TEST SETUP







TEST PROCEDURES

- a. The EUT was placed on a wooden table 0.8m height from the metal ground plan and 0.4m from the conducting wall of the shielding room and it was kept at 0.8m from any other grounded conducting surface.
- b. All I/O cables and support devices were positioned as per ANSI C63.10.
- c. Connect mains power port of the EUT to a line impedance stabilization network (LISN).
- d. Connect all support devices to the other LISN and AAN, if needed.
- e. Scan the frequency range from 150KHz to 30MHz at both sides of AC line for maximum conducted interference checking and record the test data.

TEST RESULTS

Not applicable.





14.2 Radiated Spurious Emissions Measurement

LIMIT

Frequency range	Distance Meters	Field Strengths Limit (15.209)		
MHz	Distance Meters	μV/m		
0.009 ~ 0.490	300	2400/F(kHz)		
0.490 ~ 1.705	30	24000/F(kHz)		
1.705 ~ 30	30	30		
30 ~ 88	3	100		
88 ~ 216	3	150		
216 ~ 960	3	200		
Above 960	3	500		

- Remark: (1) Emission level (dB) μ V = 20 log Emission level μ V/m
 - (2) The smaller limit shall apply at the cross point between two frequency bands.
 - (3) As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.
 - (4) The frequency range scanned is from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or 40 GHz, whichever is lower.
 - (5) §15.247(d) specifies that emissions which fall in the restricted bands, as defined in §15.205 comply with radiated emission limits specified in §15.209.





According to 15.231(e), the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental frequency (MHz)	Field strength of fundamental (microvolts/ meter)	spurious emissions (microvolts/meter)
40.66 - 40.70	1000	100
70 - 130	500	50
130 - 174	500 to 1500*	50 to 150*
174 - 260	1500	150
260 - 470	1500 to 5000*	150 to 500*
Above 470	5000	500

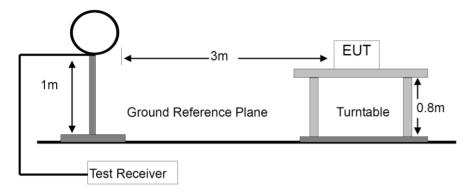
Remark:

- (1) * Linear interpolations
- (2) Emission level (dB) μ V = 20 log Emission level μ V/m.
- (3) The smaller limit shall apply at the cross point between two frequency bands.

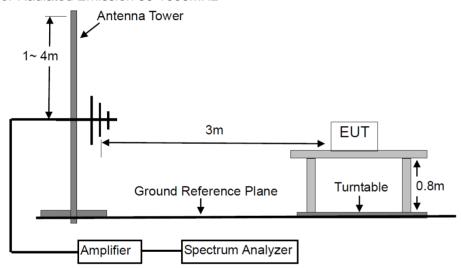


BLOCK DIAGRAM OF TEST SETUP

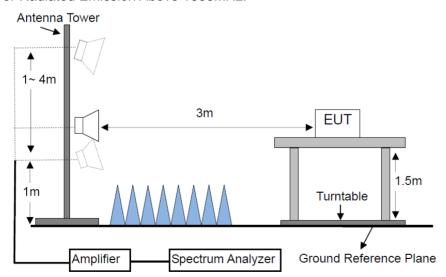
For Radiated Emission below 30MHz



For Radiated Emission 30-1000MHz



For Radiated Emission Above 1000MHz.





TEST PROCEDURES

- a. Below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi- anechoic chamber room.
- b. For the radiated emission test above 1GHz:
 - The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter full anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- c. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to peak detect function and specified bandwidth with maximum hold mode.
- f. A Quasi-peak measurement was then made for that frequency point for below 1GHz test. PK and AV for above 1GHz emission test.





During the radiated emission test, the spectrum analyzer was set with the following configurations:

Frequency Band (MHz)	Detector	Resolution Bandwidth	Video Bandwidth	
30 to 1000	QP	120 kHz	300 kHz	
Above 1000	Peak	1 MHz	3 MHz	
7.55.5 1000	Average	1 MHz	10 Hz	

TEST RESULTS

PASS

Please refer to the following pages.

AVG = Peak + AV Factor,

where Peak is the measurement peak level, and AV Factor is calculated by duty cycle, details see section 13 of the report.

Sample calculation, Peak=71.69dBuV/m, AV Factor= -12.14dB, then AVG=71.69+(-12.14)=59.55dBuV/m.





M/N: SENSA2	Testing Voltage: DC 3V		
Polarization: Horizontal	Detector: QP		
Test Mode: TX	Distance: 3m		

Radiated Emission Measurement Date: 2023/9/8 Time: 8:52:46 82.0 dBuV/m 72 62 FCC_15.231(e)_315M_3m_Peak 52 Margin -6 dB 42 32 22 12 2.0 30.0000 127.000 224.000 806.000 1000.000 MHz 321.000 418.000 515.000 612.000 709.000

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	315.0000	49.88	21.81	71.69			peak	
2		315.0000			59.55	67.67	-8.12	AVG	
3		630.0000	4.36	27.69	32.05			peak	
4		630.0000			19.91	54.00	-34.09	AVG	
5		833.1599	6.13	30.96	37.09	46.00	-8.91	QP	
6		864.2000	6.45	31.47	37.92	46.00	-8.08	QP	
7		927.2500	5.53	33.14	38.67	46.00	-7.33	QP	
8		945.0000	4.55	33.24	37.79			peak	
9		945.0000			25.65	54.00	-28.35	AVG	

Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.





M/N: SENSA2	Testing Voltage: DC 3V		
Polarization: Vertical	Detector: QP		
Test Mode: TX	Distance: 3m		

Radiated Emission Measurement Date: 2023/9/8 Time: 8:45:37 82.0 dBuV/m 72 62 FCC_15.231(e)_315M_3m_Peak 52 Margin -6 B 42 32 22 12 1000.000 MHz 30.0000 127.000 224.000 321.000 418.000 515.000 612.000 709.000 806.000

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	315.0000	40.33	20.81	61.14			peak		
2		315.0000			49.00	67.67	-18.67	AVG		
3		630.0000	5.40	26.99	32.39			peak		
4		630.0000			20.25	54.00	-33.75	AVG		
5		728.4000	6.28	29.35	35.63	46.00	-10.37	QP		
6		813.7600	5.91	30.58	36.49	46.00	-9.51	QP		
7		876.8100	6.27	31.57	37.84	46.00	-8.16	QP		
- 8		945.0000	4.80	32.03	36.83			peak		
9		945.0000			24.69	54.00	-29.31	AVG		

Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.





M/N: SENSA2	Testing Voltage: DC 3V		
Polarization: Horizontal	Detector: Peak & AVG		
Test Mode: TX	Distance: 3m		

Radiated Emission Measurement Date: 2023/9/8 Time: 9:05:35 86.9 dBuV/m FCC_15.231(e)_315M_3m_Peak 77 67 FCC_15.231(e)_315M_3m_AV6 57 47 37 27 17 7 -3 -13 1000.00001300.000 1600.000 1900.000 2200.000 2500.000 2800.000 3100.000 3400.000 4000.000 MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		1260.000	47.53	-7.82	39.71			peak	
2		1260.000			27.57	54.00	-26.43	AVG	
3		1575.000	47.24	-6.19	41.05			peak	
4		1575.000			28.91	54.00	-25.09	AVG	
5		1890.000	45.76	-2.30	43.46			peak	
6		1890.000			31.32	54.00	-22.68	AVG	
7		2205.000	48.49	-0.38	48.11			peak	
8	*	2205.000			35.97	54.00	-18.03	AVG	
9		2520.000	45.77	0.47	46.24			peak	
10		2520.000			34.10	54.00	-19.90	AVG	
11		2835.000	45.24	1.46	46.70			peak	
12		2835.000			34.56	54.00	-19.44	AVG	





M/N: SENSA2	Testing Voltage: DC 3V		
Polarization: Vertical	Detector: Peak & AVG		
Test Mode: TX	Distance: 3m		

Radiated Emission Measurement Date: 2023/9/8 Time: 9:15:34 86.9 dBuV/m 77 FCC_15.231(e)_315M_3m_Peak 67 FCC_15.231(e)_315M_3m_AVG 57 47 37 27 17 7 -3 -13 1000.00001300.000 1600.000 1900.000 2200.000 2500.000 2800.000 3100.000 3400.000 4000.000 MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		1260.000	47.66	-7.82	39.84			peak	
2		1260.000			27.70	54.00	-26.30	AVG	
3		1575.000	48.39	-6.19	42.20			peak	
4		1575.000			30.06	54.00	-23.94	AVG	
5		1890.000	45.71	-2.30	43.41			peak	
6		1890.000			31.27	54.00	-22.73	AVG	
7		2205.000	45.67	-0.38	45.29			peak	
8		2205.000			33.15	54.00	-20.85	AVG	
9		2520.000	45.03	0.47	45.50			peak	
10		2520.000			33.36	54.00	-20.64	AVG	
11		2835.000	45.48	1.46	46.94			peak	
12	*	2835.000			34.80	54.00	-19.20	AVG	



14.3 20dB Occupied Bandwidth

LIMIT

According to 15.231(C), the bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70MHz and below 900MHz.

Limit = 315MHz*0.25% = 787.5 KHz

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

- 1. The output port (antenna) from the transmitter was connected to an attenuator and then to the input of the RF Spectrum analyzer.
- 2. Spectrum analyzer set the corresponding parameters for measurement and record the tested data





TEST RESULTS

PASS

Please refer to the following table.





14.4 Transmission time

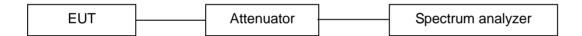
LIMIT

15.231 (a) (1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

15.231(a) (2) A transmitter activated automatically shall cease transmission within 5seconds after activation.

15.231(e), under the provisions of this paragraph shall be provided with a means for automatically limiting operation so that the duration of each transmission shall not be greater than one second and the silent period between transmissions shall be at least 30 times the duration of transmission but in no case less than 10 seconds.

BLOCK DIAGRAM OF TEST SETUP



TEST PROCEDURES

- 1. The output port (antenna) from the transmitter was connected to an attenuator and then to the input of the RF Spectrum analyzer.
- 2. Spectrum analyzer set the corresponding parameters for measurement and record the tested data.

TEST RESULTS

PASS

Please refer to the following table.





requency (MHz)	Transmission time (sec)	Limit (sec)	The silent period time (sec)	Limit (sec)	Resul
315	0.25	<1	29.35	>10	PASS
		Test Pho	to		
Keysight Spectrum Analyzer - Swept SA Sc Ω AC Marker 1 Δ 250,000 ms PNO; Wide →		2023 Peak Search		NSE:INT SOURCE OFF ALIGN AUTO 10:13:56 AM-Sep 0	08, 2023 Peak Search
10 dB/div Ref -10.00 dBm	Atten: 6 dB		Marker 1 Δ 29.6000 s PNO: Wide → Irg: Free Free Free Trig:	e Run Avgl Hold: 1/1 TIPE AVGL 12 AVGL 12 AVGL 14 AVGL	INNIN
-30.0		Next Pk Right Next Pk Left	300 A2	Δ1Δ2	Next Pk Right
500		Marker Delta	40.0		Next Pk Left Marker Delta
-70.0		Mkr→CF	70.0		Mar Ner Deta
90.0	tanta di tanàna mpina dia mandria dia mandria di Landa mandria di Landa mandria di Salambana (Sanda) (1900 di Tanàna mandria di Tanàna (1900	Mkr—RefLvl	80.0 May historical superior and the superior and these	a presidentifica and with an accommon of the little and the	Mkr→RefLvi
Center 315.000000 MHz Res BW 100 kHz #VBW	\$pan 0 300 kHz \$weep 50.00 s (1001 p	More 1 of 2 pts)	Center 315.000000 MHz Res BW 100 kHz #VBW 300 kHz	Span	More 1 of 2
MSG	STATUS		Res BW 100 kHz #VBW 300 kHz	Sweep 50.00 s (1001	1 pts)
Keysight Spectrum Analyzer - Swept SA RF So \(\Omega \) A C	SENSE_INT SOURCE OFF ALIGN AUTO 02-58-26 PM Sep 12,	2023 Market		STATUS	12, 2023
Express Spectrum Analyses - Sweet SA	#Avg Type: RMS TRACE 123	2023 Marker Select Marker	Res BW 100 kHz #VBW 300 kHz Expright Spectrum Analyzer - Swept SA		12, 2023 Marker Select Marker
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14.5 Antenna Requirement

STANDARD APPLICABLE

According to of FCC part 15C section 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, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

ANTENNA CONNECTED CONSTRUCTION

The antenna is PCB antenna that no antenna other than furnished by the responsible party shall be used with the device, and the best case gain of the antenna is 0dBi, Therefore, the antenna is consider meet the requirement.





15. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCI7	100837	Mar. 13, 2023	1 Year
2.	Antenna	Schwarzbeck	VULB9162	9162-010	Mar. 23, 2022	2 Year
3.	Spectrum Analyzer	Rohde & Schwarz	FSU26	200409/026	Mar. 13, 2023	1 Year
4.	Spectrum Analyzer	Keysight	N9020A	MY54200831	Mar. 13, 2023	1 Year
5.	Spectrum Analyzer	Rohde & Schwarz	FSV40	101094	Mar. 13, 2023	1 Year
6.	Horn Antenna	Schwarzbeck	BBHA9170	9170-172	Mar. 23, 2022	2 Year
7.	Power Sensor	DARE	RPR3006W	15I00041SNO 64	Mar. 13, 2023	1 Year
8.	Horn Antenna	COM-Power	AH-118	071078	Mar. 23, 2023	1 Year
9.	Pre-Amplifier	HP	HP 8449B	3008A00964	Mar. 13, 2023	1 Year
10.	Pre-Amplifier	HP	HP 8447D	1145A00203	Mar. 13, 2023	1 Year
11.	Loop Antenna	Schwarzbeck	FMZB 1513	1513-272	Mar. 23, 2022	2 Year
12.	Test Receiver	Rohde & Schwarz	ESCI	101152	Mar. 13, 2023	1 Year
13.	L.I.S.N	Rohde & Schwarz	ENV 216	101317	Mar. 13, 2023	1 Year
14.	RF Switching Unit	Compliance Direction Systems Inc.	RSU-M2	38311	Mar.13, 2023	1 Year
15.	Temporary antenna connector	TESCOM	SS402	N/A	N/A	N/A
16.	Test Software	EZ	EZ_EMC NTC-3A1.1	N/A	N/A	N/A

Note: For photographs of EUT and measurement, please refer to appendix in separate documents.