TEST REPORT

Reference No.	:	WTA24F08192419W
FCC ID	:	2AJJGHJ8258
Applicant	:	Qingdao Richmat Intelligence Technology Inc
Address	:	NO.78 Kongquehe 4th Road, Qingdao Clothing Industry park, Jimo, Qingdao, Shandong Province, China.
Manufacturer	:	The same as above
Address	:	The same as above
Product Name	:	Module
Model No.	:	HJ8258
Test specification	:	FCC CFR47 Part 15 Subpart C (Section 15.247)
Date of Receipt sample	:	2024-10-11
Date of Test	:	2024-10-16
Date of Issue	:	2024-10-22
Test Report Form No.	:	WEW-15247A-01B
Test Result	:	**Pass**

Remarks:
The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:
Waltek Testing Group (Foshan) Co., Ltd.
Address: 1/F., Building 19, Sunlink Machinery City, Xingye 4 Road,
Guanglong Industrial Park, Chihua Neighborhood Committee, Chencun Town,
Shunde District, Foshan, Guangdong, China
Tel:+86-757-23811398 Fax:+86-757-23811381 E-mail:info@waltek.com.cn

Tested by:

Roy Hong

Approved by:

Danny Zhou

1 Revision History

Test Report No.	Date of Issue	Description	Status
WTA24F08192419W	2024-10-22	Class II Permissive Change	Valid

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3 General Information

3.1 General Description of E.U.T

Product Name	:	Module
Model No.	:	HJ8258
Remark	:	The report is C2PC report, the following host models were added and tested.
Host Models	:	HJSR96 Ble, HJSR96B Ble, HJSR96C Ble
Host Models Difference	:	HJSR96B Ble and HJSR96C Ble are identical except for the appearance. HJSR96 Ble is different from other models. Therefore the necessary test was performed on model HJSR96 Ble and HJSR96B Ble.
Rating	:	Battery 4.5V (3*1.5V AAA)
Battery Capacity	:	---
Power Adapter	:	---

3.2 Technical Characteristics of EUT

Frequency Range	:	2402-2480MHz
Modulation	:	GFSK
Data Rate	:	1Mbps
Quantity of Channels	:	40
Channel Separation	:	2MHz
Type of Antenna	:	PCB Antenna
Antenna Gain	:	3dBi

3.3 Standards Applicable for Testing

The tests were performed according to following standards:

FCC Rules Part 15.247	Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz
558074 D01 15.247 Meas Guidance v05r02	Guidance For Compliance Measurements On Digital Transmission System, Frequency Hopping Spread Spectrum System, And Hybrid System Devices Operating Under Section 15.247 Of The FCC Rules
ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.4 Test Facility

The test facility has a test site registered with the following organizations:

- **ISED – Registration No.: 21895**

Waltek Testing Group (Foshan) Co., Ltd. has been registered and fully described in a report filed with the Innovation, Science an Economic Development Canada(ISED). The acceptance letter from the ISED is maintained in our files. Registration ISED number:21895, March 12, 2019

- **FCC – Registration No.: 820106**

Waltek Testing Group (Foshan) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 820106, August 16, 2018

- **FCC – Designation No.: CN5034**

Waltek Testing Group (Foshan) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Designation No. CN5034.

- **NVLAP – Lab Code: 600191-0**

Waltek Testing Group (Foshan) Co., Ltd. EMC Laboratory is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 600191-0.
This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

3.5 Subcontracted

Whether parts of tests for the product have been subcontracted to other labs:

☐ Yes ☒ No

If Yes, list the related test items and lab information:

Test items: ---

Lab information: ---

3.6 Abnormalities from Standard Conditions

None.

3.7 Disclaimer

The antenna gain information is provided by the customer. The laboratory is not responsible for the accuracy of the antenna gain information.

4 EUT Setup and Test Mode

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. All testing shall be performed under maximum output power condition, with a duty cycle equal to 100%, and to measure its highest possible emissions level, more detailed description as follows:

Test Mode List

Test Mode	Description	Remark
TM1	Low Channel	2402MHz
TM2	Middle Channel	2440MHz
TM3	High Channel	2480MHz

Test Conditions

Temperature:	22~25℃
Relative Humidity:	50~55%
Atmospheric pressure:	101.9kPa

5 Equipment Used during Test

5.1 Equipment List

☐Conducted Emissions 1#						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal Date**	**Cal Due Date**
1.	EMI Test Receiver	R&S	ESR3	102423	2024-01-05	2025-01-04
2.	LISN	R&S	ENV216	101343	2024-01-05	2025-01-04
3.	Cable	HUBER+SUHNER	CBL2-NN-6M	223NN624	2024-01-04	2025-01-03
4.	Switch	CD	RSU-A4 18G	RSUA4008	2024-01-04	2025-01-03
☐Conducted Emissions 2#						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal Date**	**Cal Due Date**
1.	EMI Test Receiver	R&S	ESCI	101178	2024-01-06	2025-01-05
2.	LISN	R&S	ENV216	101215	2024-01-05	2025-01-04
3.	Cable	HUBER+SUHNER	CBL2-NN-6M	6102701	2024-01-04	2025-01-03
4.	Switch	ESE	RSU/M2	---	2024-01-04	2025-01-03
☐Conducted Emissions 3#						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal Date**	**Cal Due Date**
1.	EMI Test Receiver	R&S	ESR3	102842	2024-01-05	2025-01-04
2.	LISN	R&S	ENV216	101542	2024-01-05	2025-01-04
3.	Cable	YIHENG	LMR195UF-NMNM-2.5	---	2024-01-04	2025-01-03
4.	Manual RF Switch	YIHENG	SW-2	RSU0402	2024-01-04	2025-01-03
☒Radiation Emissions						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Last Calibration Date**	**Calibration Due Date**
1.	3m Semi-anechoic Chamber	CHANGCHUANG	9m×6m×6m	-	2024-01-05	2025-01-04
2.	EMI Test Receiver	RS	ESR7	101566	2024-01-06	2025-01-05
3.	EMC Analyzer	Agilent	N9020A	MY48011796	2024-01-04	2025-01-03
4.	Active Loop Antenna	SCHWARZBECK	FMZB1519B	00004	2024-01-05	2025-01-04
5.	Trilog Broadband Antenna	SCHWARZBECK	VULB 9162	9162-117	2024-01-05	2025-01-04
6.	Coaxial Cable (below 1GHz)	H+S	CBL3-NN-12+3 m	214NN320	2024-01-06	2025-01-05
7.	Broad-band Horn Antenna	SCHWARZBECK	BBHA 9120 D	01561	2024-01-05	2025-01-04
8.	Broad-band Horn Antenna	SCHWARZBECK	BBHA 9170	01119	2024-01-05	2025-01-04
9.	Coaxial Cable (above 1GHz)	Times-Micorwave	CBL5-NN	-	2024-01-04	2025-01-03
10.	Amplifier	Lunar E M	LNA1G18-40	20160501002	2024-01-04	2025-01-03

☐RF Conducted Testing						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Last Calibration Date**	**Calibration Due Date**
1.	Spectrum Analyzer	Agilent	N9020A	MY48011796	2024-01-04	2025-01-03
2.	Analog Signal Generator	Agilent	N5181A	MY48180720	2024-01-04	2025-01-03
3.	RF Control Unit	CHANGCHUANG	JS0806-2	-	2024-01-04	2025-01-03

☐: ***Not Used***

☒: ***Used***

5.2 Test Software

Description	Manufacturer	Model	Version
EMI Test Software (Conducted Emission 1#)	FARATRONIC	EZ-EMC	EMEC-3A1
EMI Test Software (Conducted Emission 2#)	FARATRONIC	EZ-EMC	FARAD-3A1.1+
EMI Test Software (Conducted Emission 3#)	FARATRONIC	EZ-EMC	EMC-CON 3A1.1+
EMI Test Software (Radiated Emission)	FARATRONIC	EZ-EMC	RA-03A1-2
RF Conducted Test Software	Chinese EMC	EMS	V1.0.0.0

5.3 Special Accessories and Auxiliary Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.
1.	/	/	/	/

5.4 Measurement Uncertainty

Parameter	Uncertainty
RF Output Power	±2.2dB
Occupied Bandwidth	±1.5%
Conducted Emission	±2.6dB
Transmitter Spurious Emission	±3.8dB (for 25MHz-1GHz)
	±5.0dB (for 1GHz-18GHz)

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

6 Summary of Test Result

Test Items	FCC Rules	Result
Radiated Spurious Emissions	§15.209(a)	Compliant

Remark:

Pass Test item meets the requirement

Fail Test item does not meet the requirement

N/A Test case does not apply to the test object

6.1 Radiated Spurious Emissions

6.1.1 Standard Applicable

According to §15.247(d), in any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply. Spurious Radiated Emissions measurements starting below or at the lowest crystal frequency.

6.1.2 Test Procedure

1) The EUT is placed on a turntable, which is 0.8m(Below 1G) 1.5m(above 1G)above ground plane.

2) The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.

3) EUT is set 3m away from the receiving antenna, which is moved from 1m to 4m to find out the maximum emissions. The spectrum was investigated from the lowest radio frequency signal generated in the device, without going below 9 kHz, up to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.

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 the measurements for all frequencies are complete.

7) The radiation measurements are tested under 3-axes(X, Y, Z) position(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand), After pre-test, It was found that the worse radiation emission was get at the Z position. So the data shown was the Z position only.

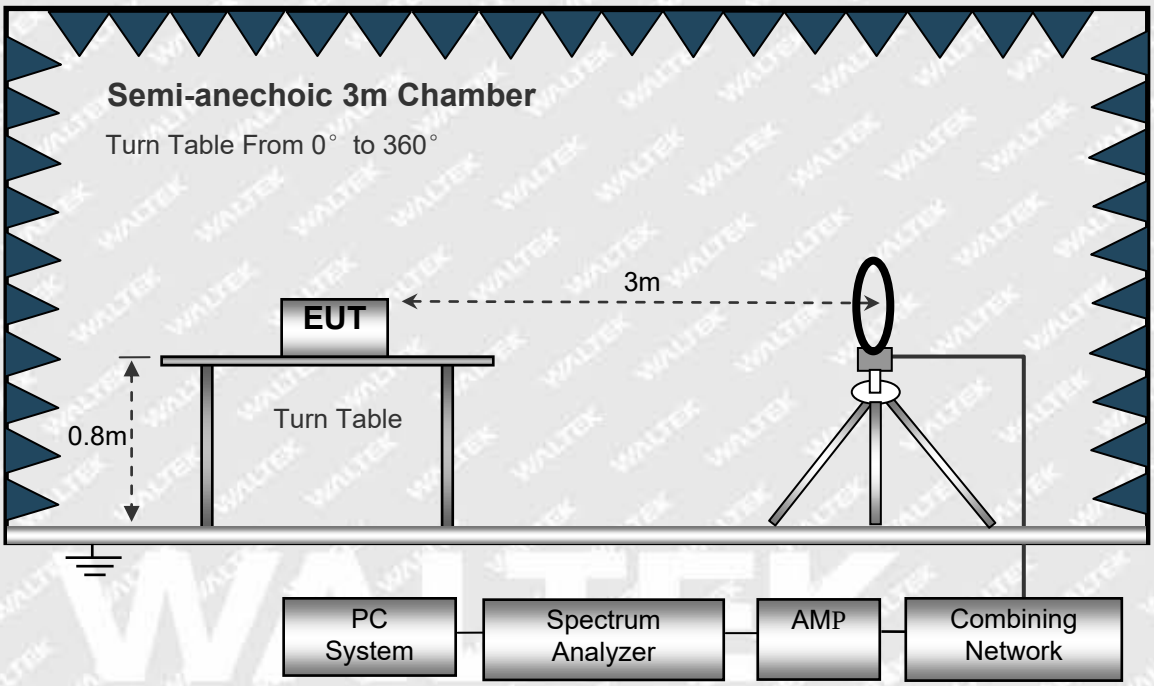
6.1.3 Test Setup

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.205 15.247(a) and FCC Part 15.209 Limit.

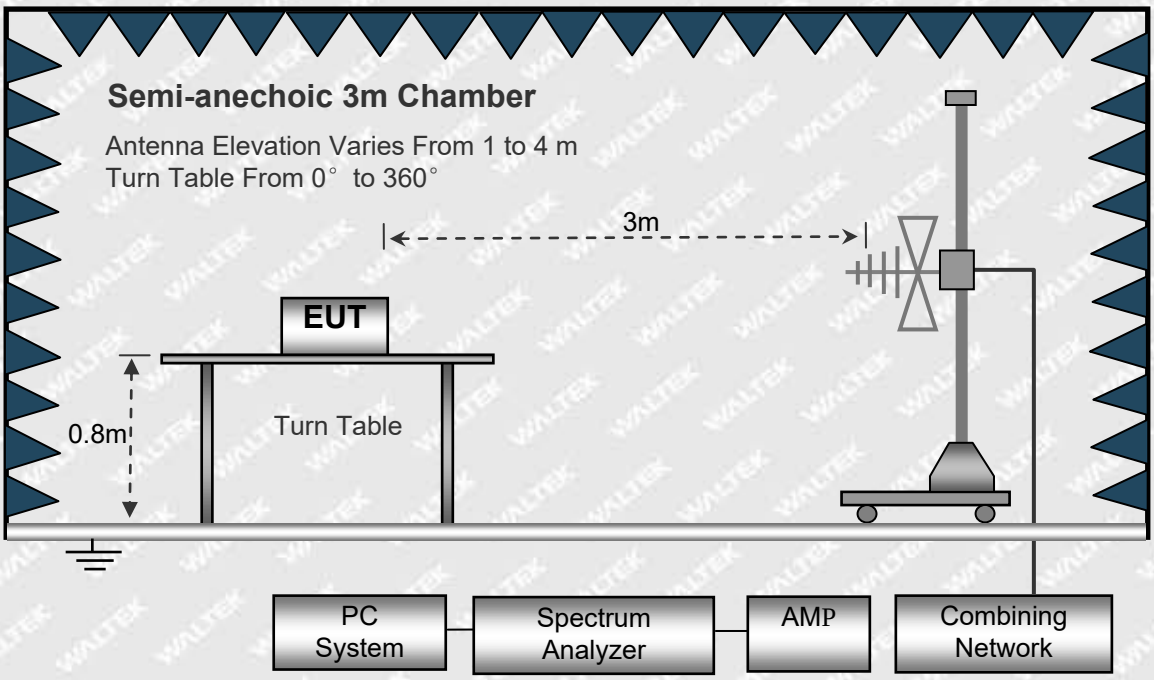
The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

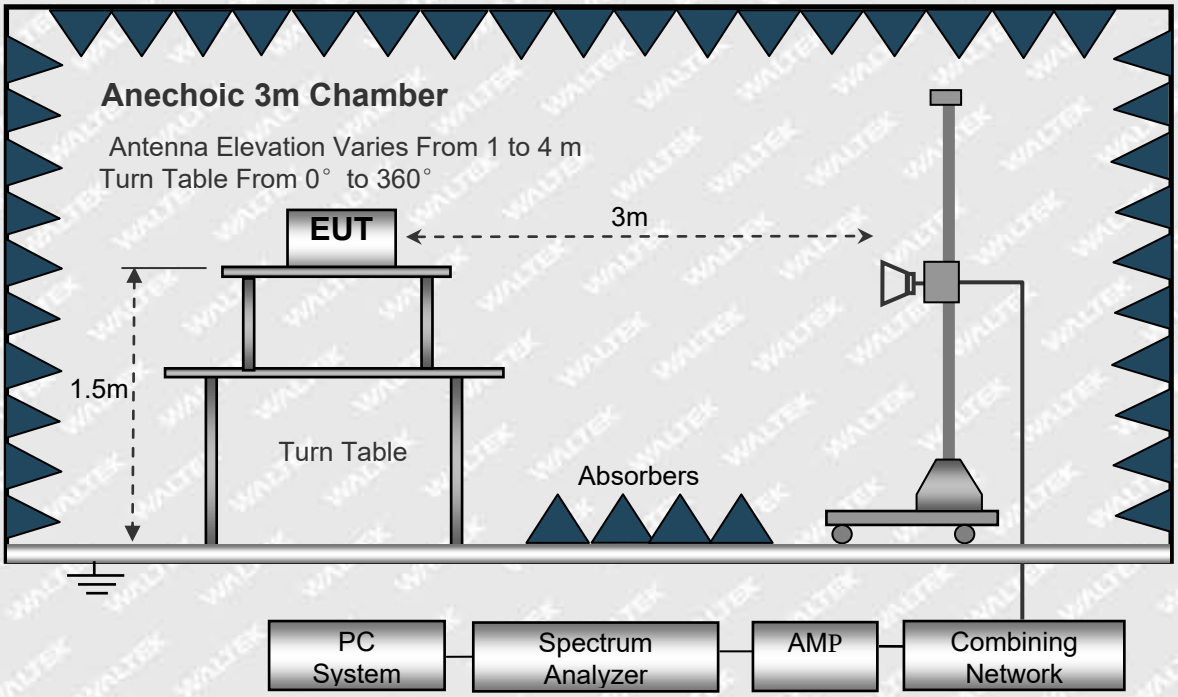
The test setup for emission measurement below 30MHz.



The test setup for emission measurement from 30 MHz to 1 GHz.



The test setup for emission measurement above 1 GHz.



6.1.4 Spectrum Analyzer Setup

9KHz-30MHz	30MHz-1GHz	Above 1GHz
RBW=10kHz	RBW=120kHz	RBW=1MHz
VBW=30kHz	VBW=300kHz	VBW=3MHz(Peak), 10MHz(AV)
Sweep time=Auto	Sweep time=Auto	Sweep time=Auto
Trace=Max hold	Trace=Max hold	Trace=Max hold
Detector function=peak	Detector function=peak, QP	Detector function=peak, AV

6.1.5 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

Corr. Ampl. = Indicated Reading + Corr. Factor

Corr.Factor=Antenna Factor + Cable Factor - Amplifier Gain

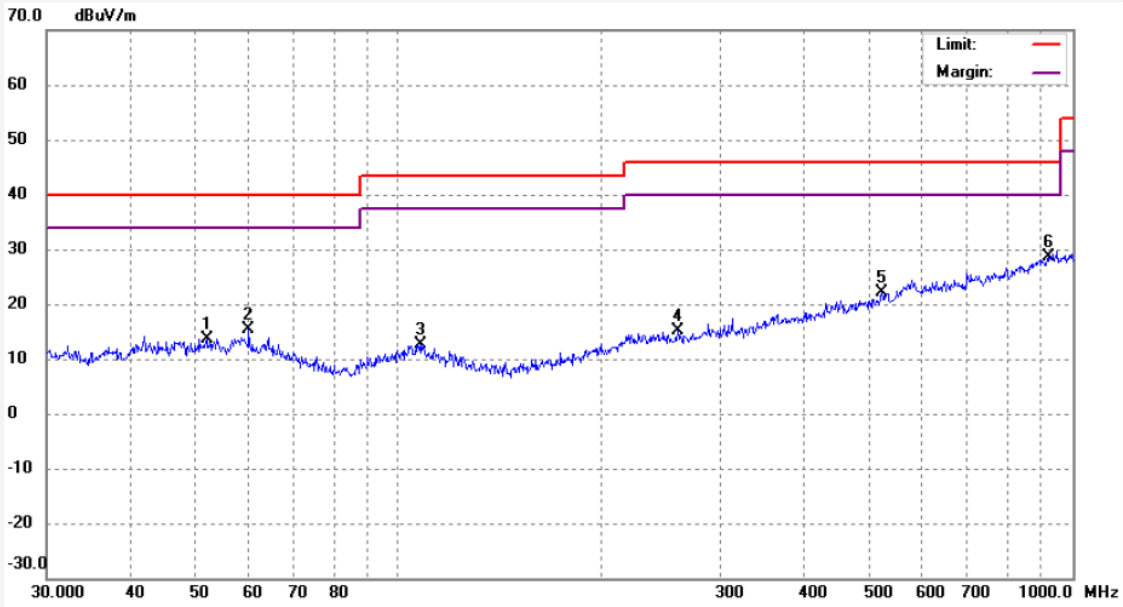
The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7dB means the emission is 7dB below the maximum limit for Class B. The equation for margin calculation is as follows:

Margin = Corr. Ampl. – Limit

6.1.6 Test Results

Test Model: HJSR96 Ble **Test Frequency:** Below 1GHz

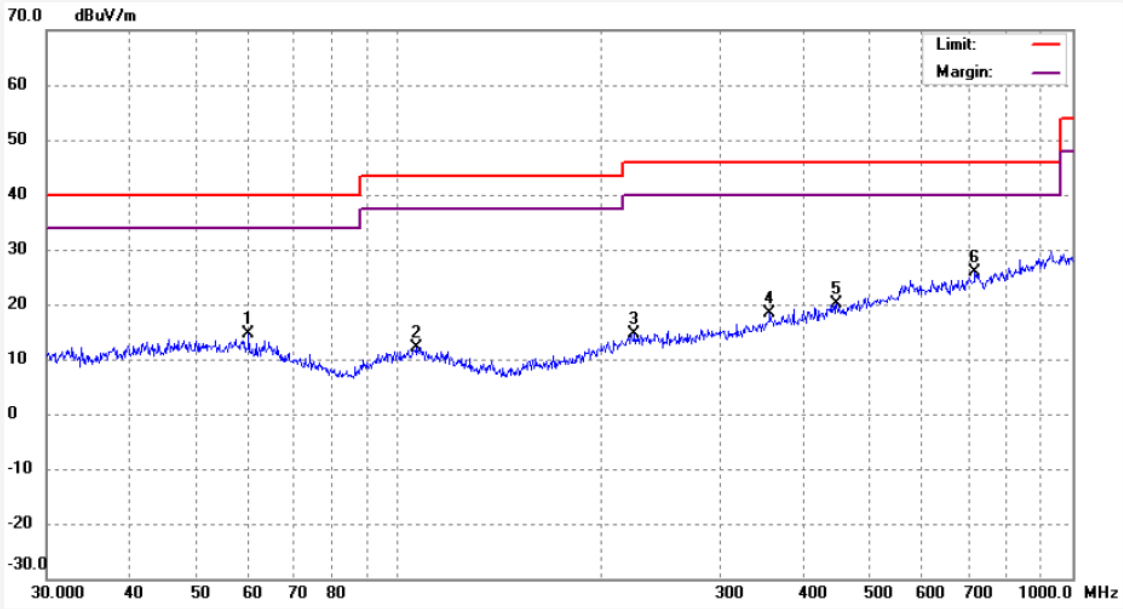
Test Channel: Lowest Channel **Polarization:** Vertical



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	52.0069	-0.66	14.37	13.71	40.00	-26.29	QP	
2	60.0270	1.47	13.86	15.33	40.00	-24.67	QP	
3	108.0391	-0.17	12.87	12.70	43.50	-30.80	QP	
4	259.8709	0.61	14.63	15.24	46.00	-30.76	QP	
5	521.9853	1.13	20.94	22.07	46.00	-23.93	QP	
6	925.7563	1.25	27.39	28.64	46.00	-17.36	QP	

Test Model: HJSR96 Ble **Test Frequency:** Below 1GHz

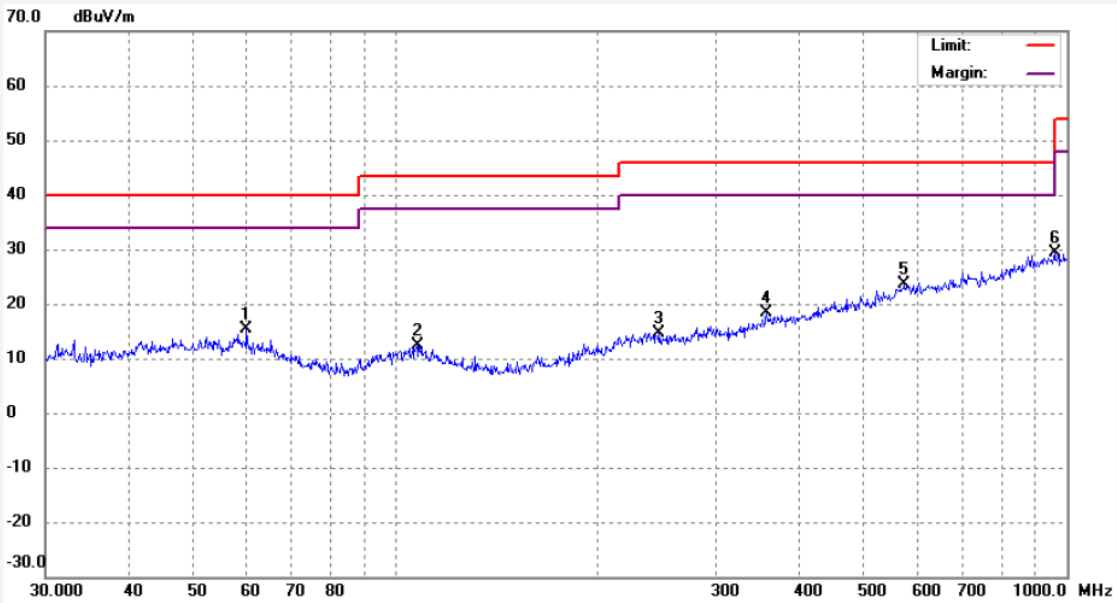
Test Channel: Lowest Channel **Polarization:** Horizontal



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	59.9849	0.66	13.86	14.52	40.00	-25.48	QP	
2	106.6839	-0.77	12.98	12.21	43.50	-31.29	QP	
3	224.0474	0.23	14.37	14.60	46.00	-31.40	QP	
4	356.0510	0.81	17.55	18.36	46.00	-27.64	QP	
5	446.8839	0.73	19.37	20.10	46.00	-25.90	QP	
6	718.9474	1.62	24.29	25.91	46.00	-20.09	QP	

Test Model: HJSR96 Ble **Test Frequency:** Below 1GHz

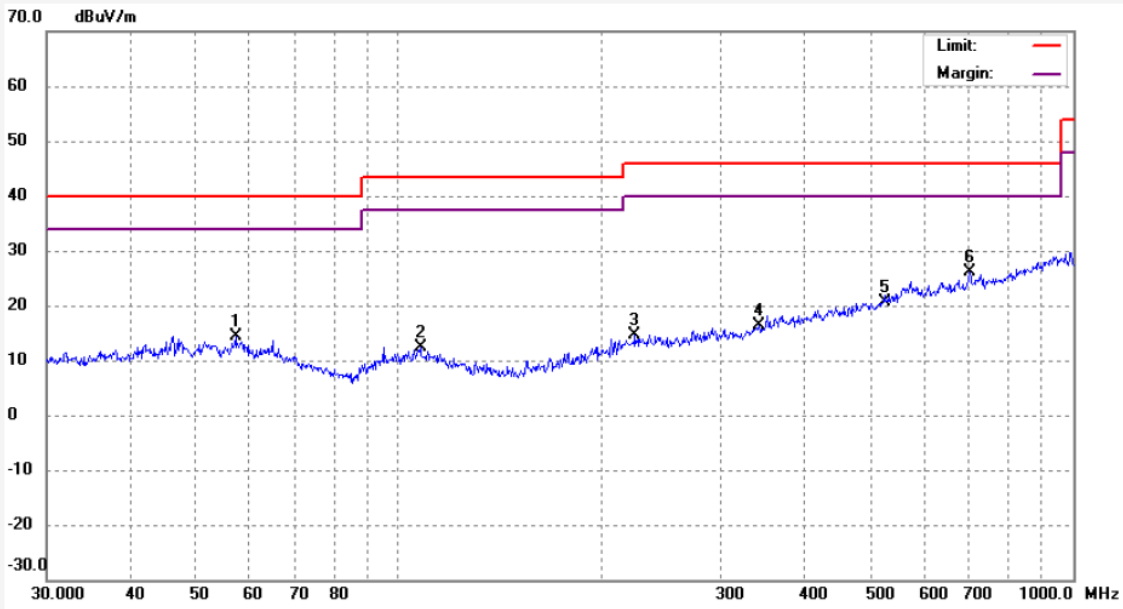
Test Channel: Middle Channel **Polarization:** Vertical



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	59.9849	1.49	13.86	15.35	40.00	-24.65	QP	
2	107.7365	-0.51	12.89	12.38	43.50	-31.12	QP	
3	247.2480	0.16	14.53	14.69	46.00	-31.31	QP	
4	357.9287	0.79	17.68	18.47	46.00	-27.53	QP	
5	573.8204	0.72	22.81	23.53	46.00	-22.47	QP	
6	959.1306	1.66	27.65	29.31	46.00	-16.69	QP	

Test Model: HJSR96 Ble **Test Frequency:** Below 1GHz

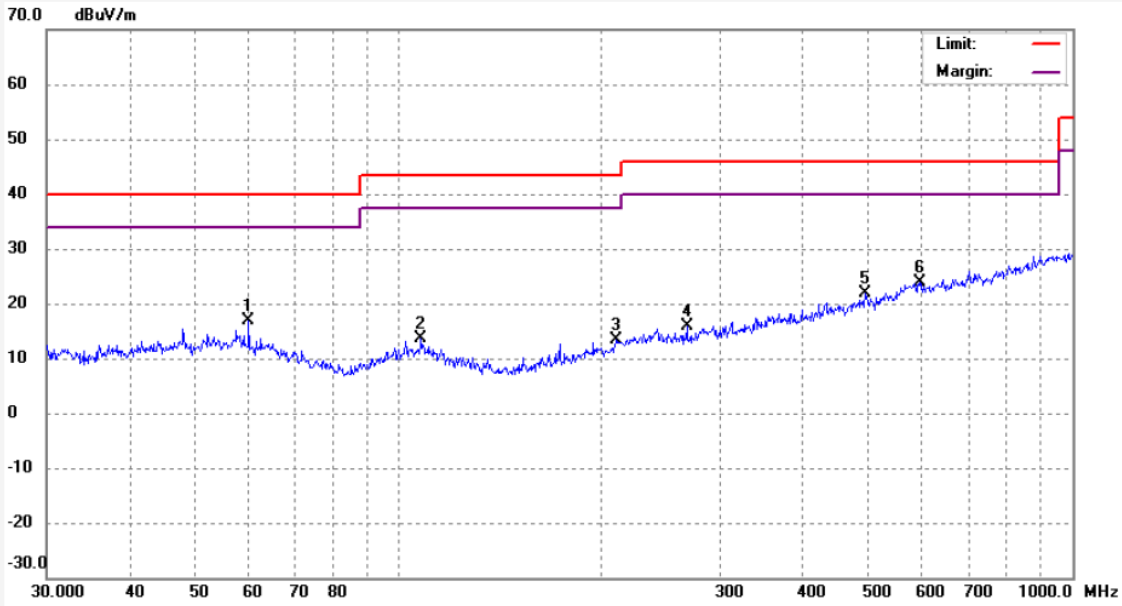
Test Channel: Middle Channel **Polarization:** Horizontal



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	57.3320	-0.06	14.36	14.30	40.00	-25.70	QP	
2	107.8499	-0.55	12.88	12.33	43.50	-31.17	QP	
3	224.0474	0.16	14.37	14.53	46.00	-31.47	QP	
4	342.3387	-0.34	16.83	16.49	46.00	-29.51	QP	
5	524.3701	-0.41	21.07	20.66	46.00	-25.34	QP	
6	702.4996	1.85	24.27	26.12	46.00	-19.88	QP	

Test Model: HJSR96 Ble **Test Frequency:** Below 1GHz

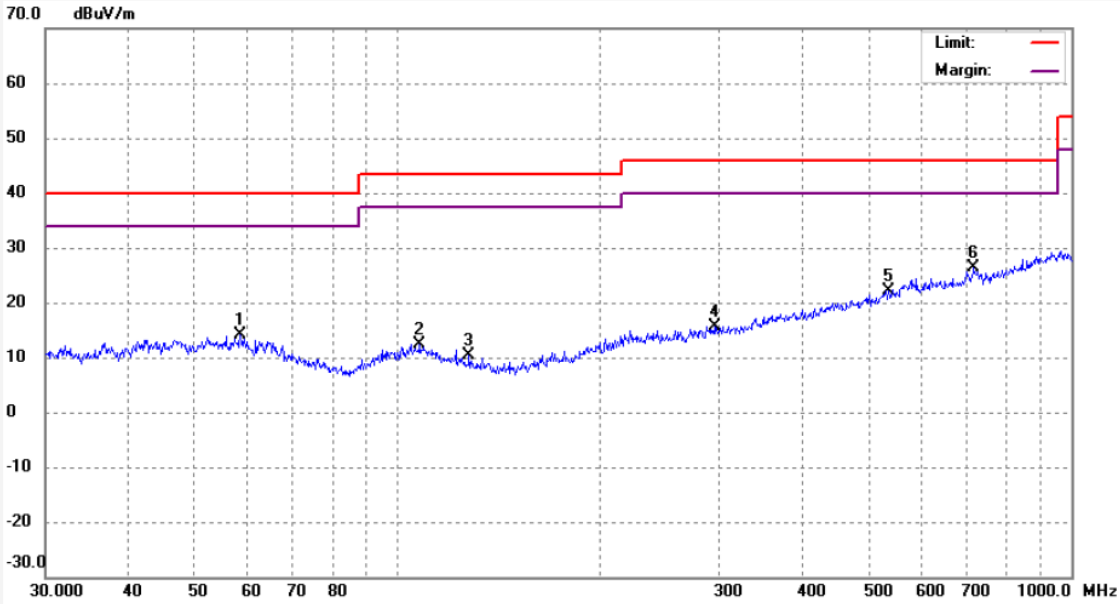
Test Channel: Highest Channel **Polarization:** Vertical



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	59.9639	3.12	13.87	16.99	40.00	-23.01	QP	
2	108.0391	0.75	12.87	13.62	43.50	-29.88	QP	
3	210.5644	0.07	13.43	13.50	43.50	-30.00	QP	
4	268.2030	1.21	14.61	15.82	46.00	-30.18	QP	
5	493.6788	1.43	20.45	21.88	46.00	-24.12	QP	
6	594.7157	1.31	22.46	23.77	46.00	-22.23	QP	

Test Model: HJSR96 Ble **Test Frequency:** Below 1GHz

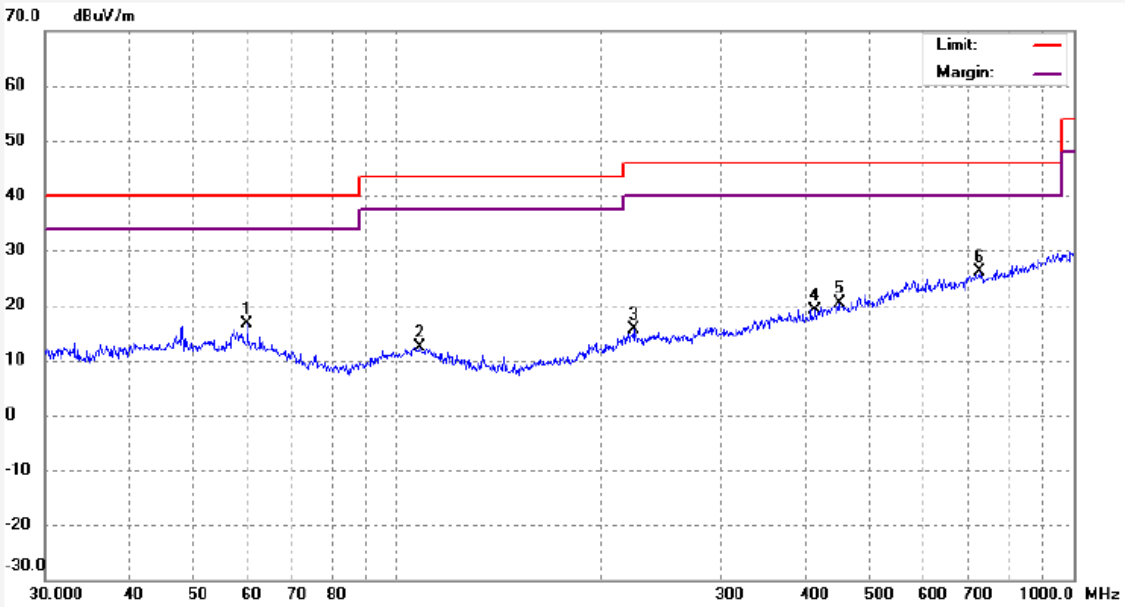
Test Channel: Highest Channel **Polarization:** Horizontal



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	58.5921	-0.03	14.19	14.16	40.00	-25.84	QP	
2	108.1529	-0.45	12.87	12.42	43.50	-31.08	QP	
3	127.9783	0.21	10.18	10.39	43.50	-33.11	QP	
4	295.6648	-0.02	15.68	15.66	46.00	-30.34	QP	
5	536.2712	0.94	21.26	22.20	46.00	-23.80	QP	
6	716.9334	2.19	24.21	26.40	46.00	-19.60	QP	

Test Model: HJSR96B Ble **Test Frequency:** Below 1GHz

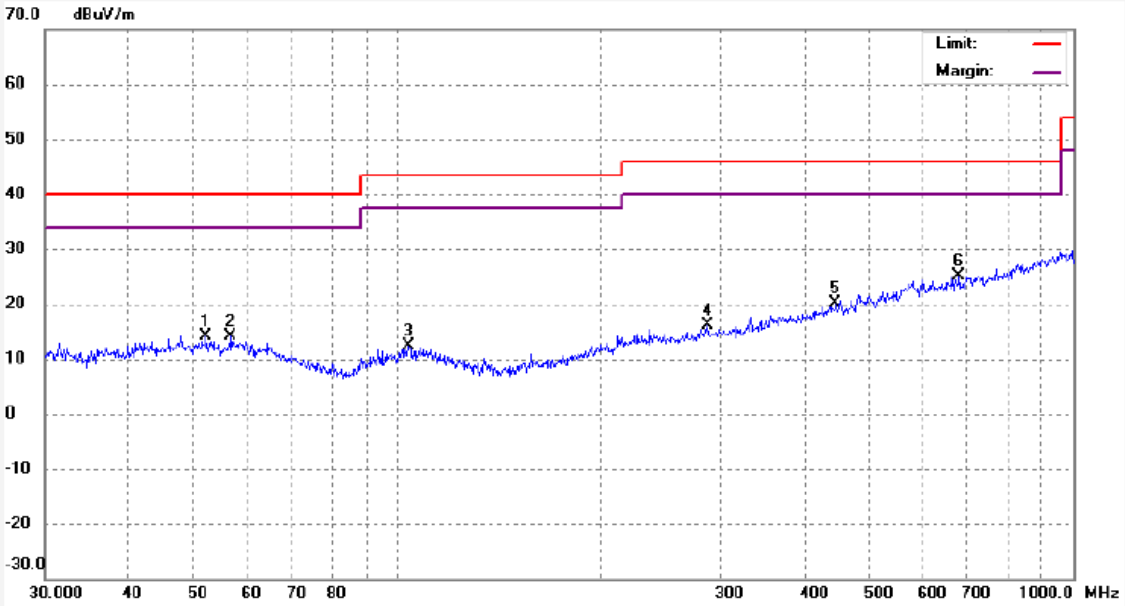
Test Channel: Lowest Channel **Polarization:** Vertical



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	59.9429	2.75	13.87	16.62	40.00	-23.38	QP	
2	107.6232	-0.60	12.90	12.30	43.50	-31.20	QP	
3	223.1849	1.33	14.35	15.68	46.00	-30.32	QP	
4	416.0332	0.70	18.42	19.12	46.00	-26.88	QP	
5	449.5558	1.05	19.41	20.46	46.00	-25.54	QP	
6	728.5914	1.80	24.27	26.07	46.00	-19.93	QP	

Test Model: HJSR96B Ble **Test Frequency:** Below 1GHz

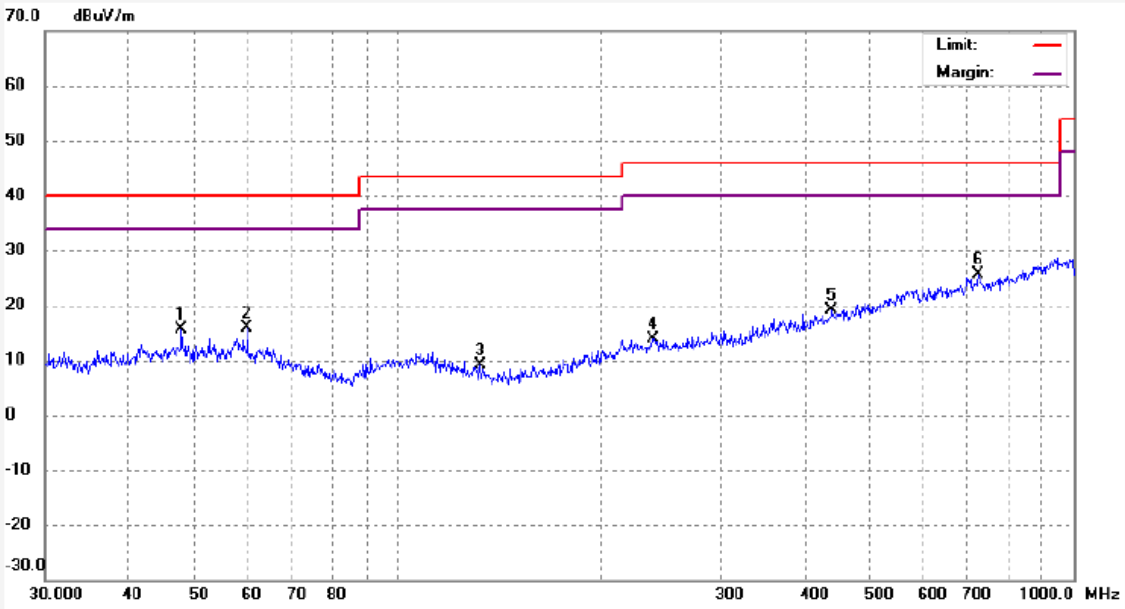
Test Channel: Lowest Channel **Polarization:** Horizontal



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	52.0251	-0.13	14.37	14.24	40.00	-25.76	QP	
2	56.7519	-0.36	14.38	14.02	40.00	-25.98	QP	
3	103.9511	-0.54	12.92	12.38	43.50	-31.12	QP	
4	288.6981	0.66	15.49	16.15	46.00	-29.85	QP	
5	444.8514	0.74	19.34	20.08	46.00	-25.92	QP	
6	677.8175	2.03	23.14	25.17	46.00	-20.83	QP	

Test Model: HJSR96B Ble **Test Frequency:** Below 1GHz

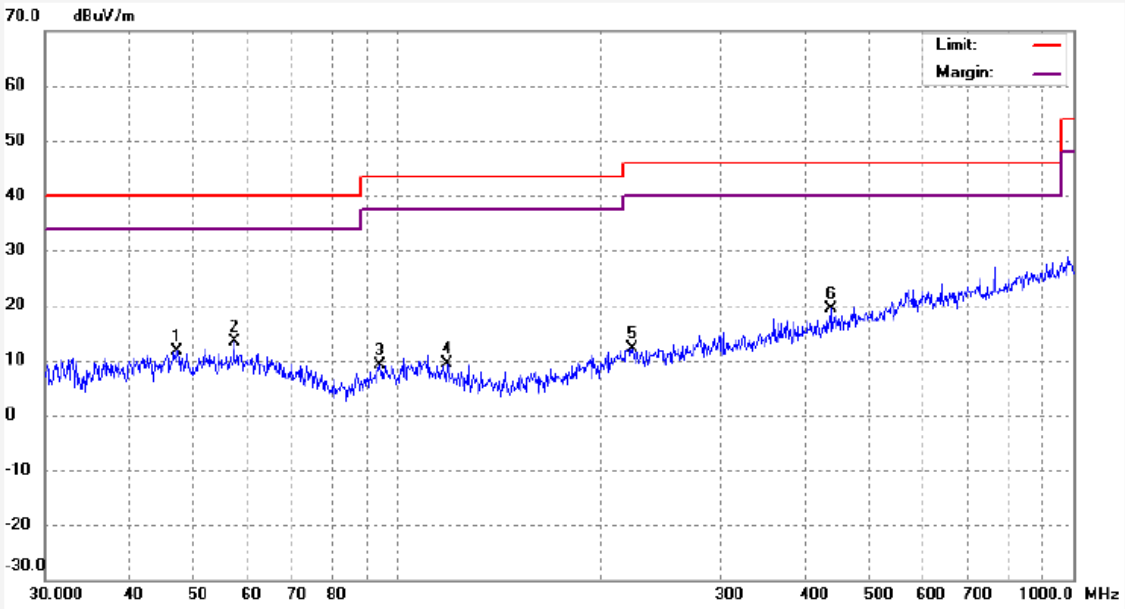
Test Channel: Middle Channel **Polarization:** Vertical



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	47.9772	1.20	14.43	15.63	40.00	-24.37	QP	
2	60.0270	2.13	13.86	15.99	40.00	-24.01	QP	
3	132.6385	-0.87	9.95	9.08	43.50	-34.42	QP	
4	238.3938	-0.58	14.55	13.97	46.00	-32.03	QP	
5	438.8093	-0.10	19.22	19.12	46.00	-26.88	QP	
6	724.2611	1.33	24.31	25.64	46.00	-20.36	QP	

Test Model: HJSR96B Ble **Test Frequency:** Below 1GHz

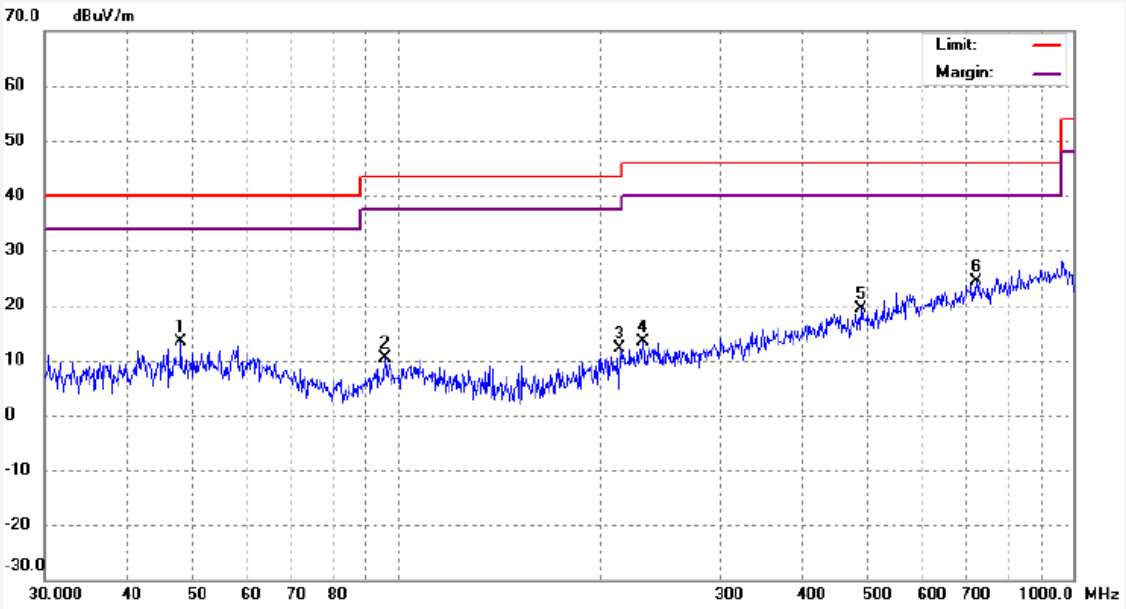
Test Channel: Middle Channel **Polarization:** Horizontal



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	46.9948	-2.65	14.22	11.57	40.00	-28.43	QP	
2	57.2717	-1.06	14.37	13.31	40.00	-26.69	QP	
3	94.0979	-2.26	11.33	9.07	43.50	-34.43	QP	
4	118.6014	-2.15	11.48	9.33	43.50	-34.17	QP	
5	222.6377	-2.12	14.33	12.21	46.00	-33.79	QP	
6	438.5016	0.11	19.21	19.32	46.00	-26.68	QP	

Test Model: HJSR96B Ble **Test Frequency:** Below 1GHz

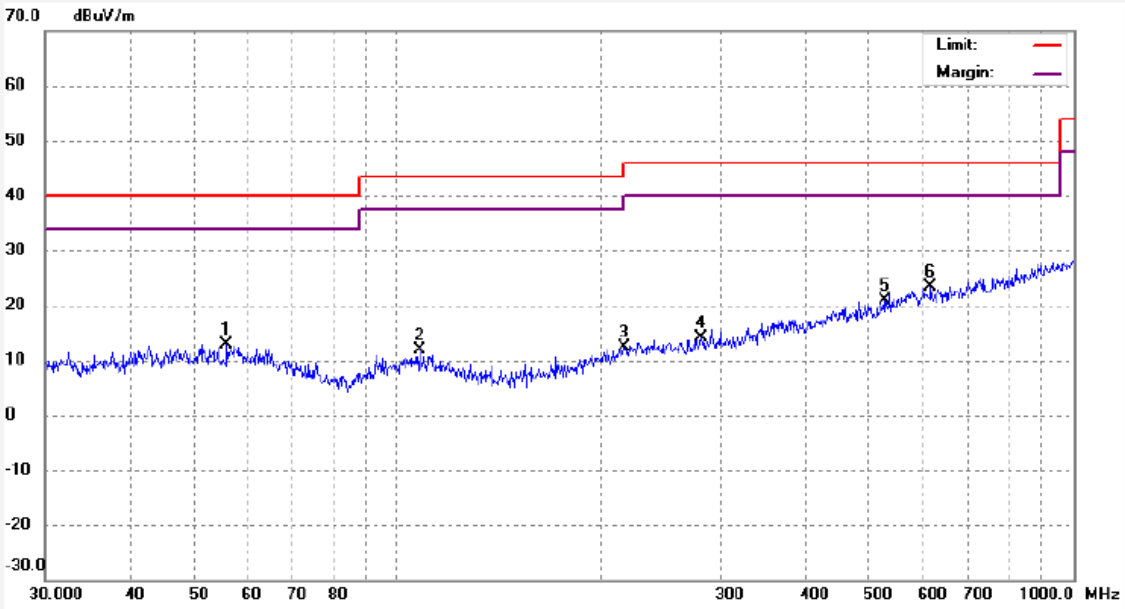
Test Channel: Highest Channel **Polarization:** Vertical



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	47.9772	-1.04	14.43	13.39	40.00	-26.61	QP	
2	96.0312	-1.28	11.68	10.40	43.50	-33.10	QP	
3	213.6885	-1.76	13.95	12.19	43.50	-31.31	QP	
4	231.6367	-0.90	14.25	13.35	46.00	-32.65	QP	
5	486.8027	-0.99	20.33	19.34	46.00	-26.66	QP	
6	721.7259	0.09	24.32	24.41	46.00	-21.59	QP	

Test Model: HJSR96B Ble **Test Frequency:** Below 1GHz

Test Channel: Highest Channel **Polarization:** Horizontal



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	55.9222	-1.59	14.41	12.82	40.00	-27.18	QP	
2	107.8121	-1.09	12.88	11.79	43.50	-31.71	QP	
3	216.6308	-1.80	14.20	12.40	46.00	-33.60	QP	
4	281.9946	-1.15	15.38	14.23	46.00	-31.77	QP	
5	526.0277	-0.16	21.15	20.99	46.00	-25.01	QP	
6	615.7237	0.52	22.77	23.29	46.00	-22.71	QP	

Test Frequency: Above 1GHz

Model HJSR96 Ble							
CH	Antenna	Frequency (MHz)	Corrected Reading (dBuV/m)	Correct Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector
L	H	2402	93.33	-10.43	Fundamental	/	PK
	V	2402	95.99	-10.18	Fundamental	/	PK
	H	2390	37.91	-10.47	74	36.09	PK
	H	2390	28.23	-10.47	54	25.77	AV
	V	2390	37.51	-10.23	74	36.49	PK
	V	2390	28.63	-10.23	54	25.37	AV
	H	4804	43.02	-3.59	74	30.98	PK
	V	4804	43.48	-3.47	74	30.52	PK
M	H	2440	93.47	-10.28	Fundamental	/	PK
	V	2440	95.86	-10.01	Fundamental	/	PK
	H	4880	44.46	-3.41	74	29.54	PK
	V	4880	44.43	-3.26	74	29.57	PK
H	H	2480	93.39	-10.12	Fundamental	/	PK
	V	2480	95.81	-9.83	Fundamental	/	PK
	H	2483.5	42.77	-10.11	74	31.23	PK
	H	2483.5	31.73	-10.11	54	22.27	AV
	V	2483.5	42.09	-9.82	74	31.91	PK
	V	2483.5	32.52	-9.82	54	21.48	AV
	H	4960	42.09	-3.22	74	31.91	PK
	V	4960	32.38	-3.03	74	41.62	PK

Model HJSR96B Ble							
CH	Antenna	Frequency (MHz)	Corrected Reading (dBuV/m)	Correct Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector
L	H	2402	93.92	-10.43	Fundamental	/	PK
	V	2402	95.72	-10.18	Fundamental	/	PK
	H	2390	37.51	-10.47	74	36.49	PK
	H	2390	28.04	-10.47	54	25.96	AV
	V	2390	37.33	-10.23	74	36.67	PK
	V	2390	28.85	-10.23	54	25.15	AV
	H	4804	43.08	-3.59	74	30.92	PK
	V	4804	43.79	-3.47	74	30.21	PK
M	H	2440	93.42	-10.28	Fundamental	/	PK
	V	2440	95.59	-10.01	Fundamental	/	PK
	H	4880	44.53	-3.41	74	29.47	PK
	V	4880	44.93	-3.26	74	29.07	PK
H	H	2480	93.84	-10.12	Fundamental	/	PK
	V	2480	95.06	-9.83	Fundamental	/	PK
	H	2483.5	42.23	-10.11	74	31.77	PK
	H	2483.5	31.64	-10.11	54	22.36	AV
	V	2483.5	42.46	-9.82	74	31.54	PK
	V	2483.5	32.13	-9.82	54	21.87	AV
	H	4960	42.98	-3.22	74	31.02	PK
	V	4960	32.14	-3.03	74	41.86	PK

Note: Testing is carried out with frequency rang 9kHz to the tenth harmonics, which above 5th Harmonics are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured. The measurements greater than 20dB below the limit from 9kHz to 30MHz.

7 Photographs Test Setup

7.1 Photographs - Radiated Emission Test Setup

30MHz-1GHz

Above 1GHz

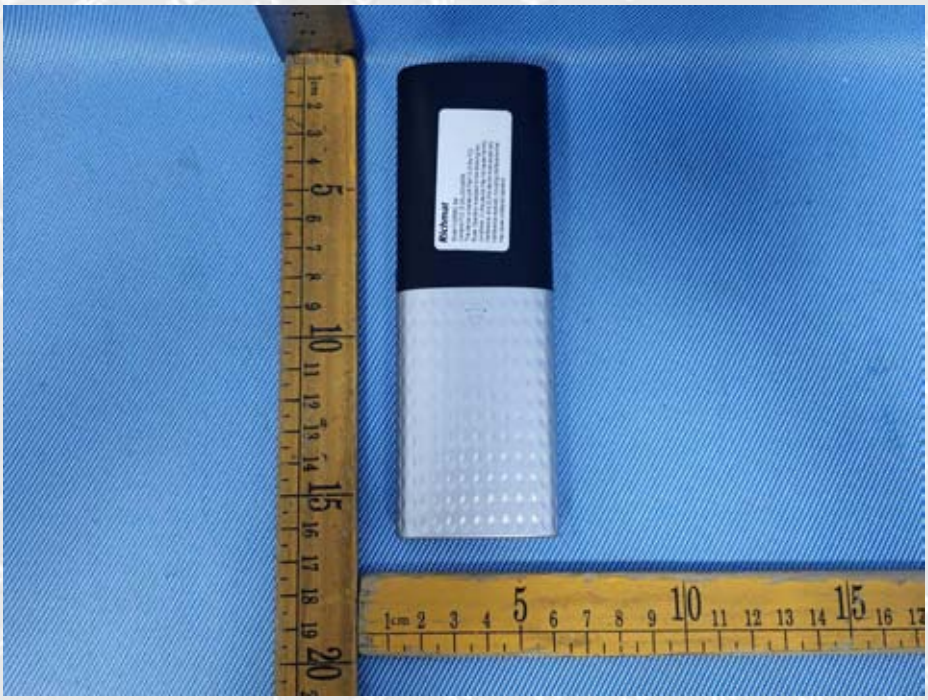
8 Photographs - Constructional Details

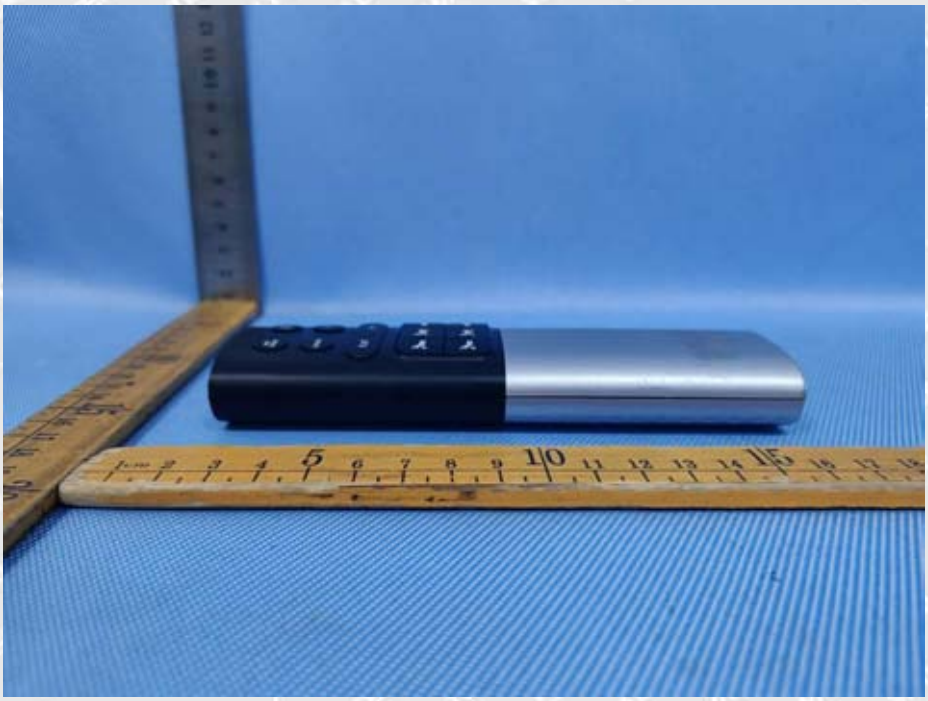
8.1 EUT - External Photos

Model HJSR96 Ble

Model HJSR96B Ble

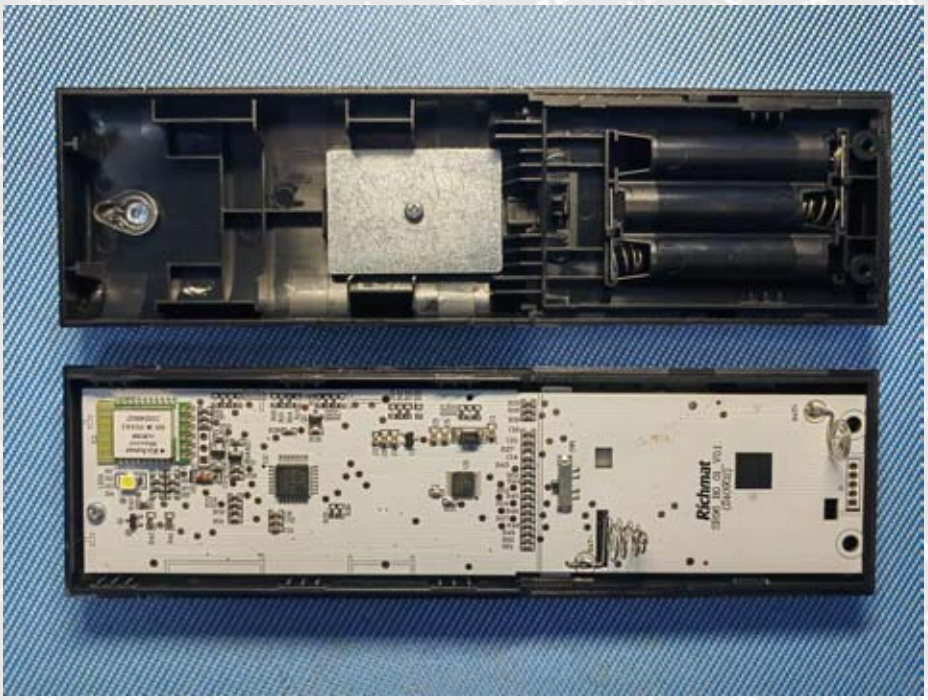
Model HJSR96C Ble

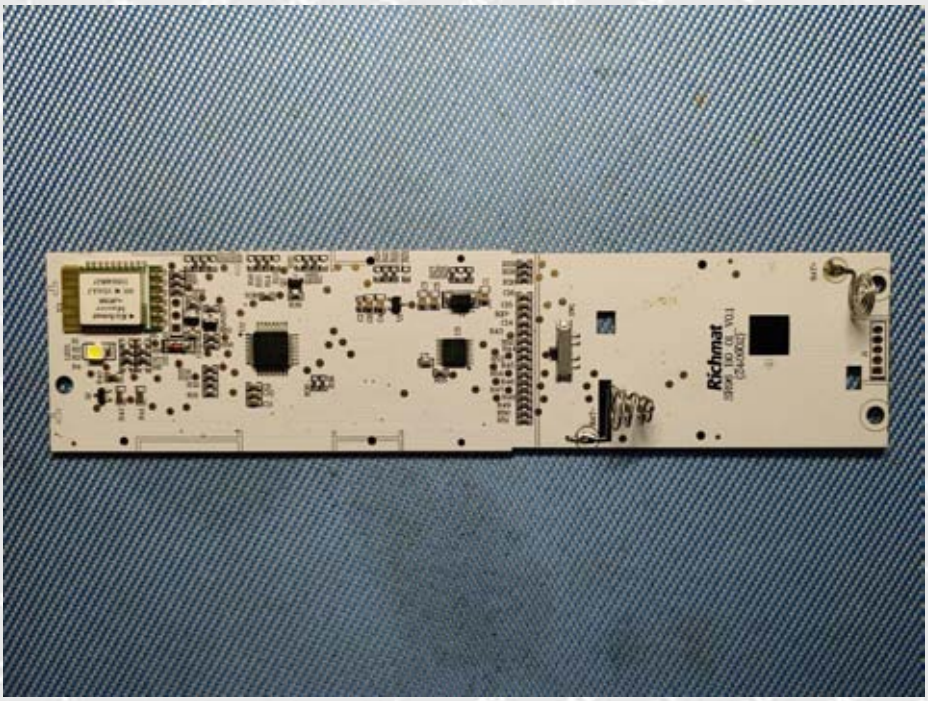


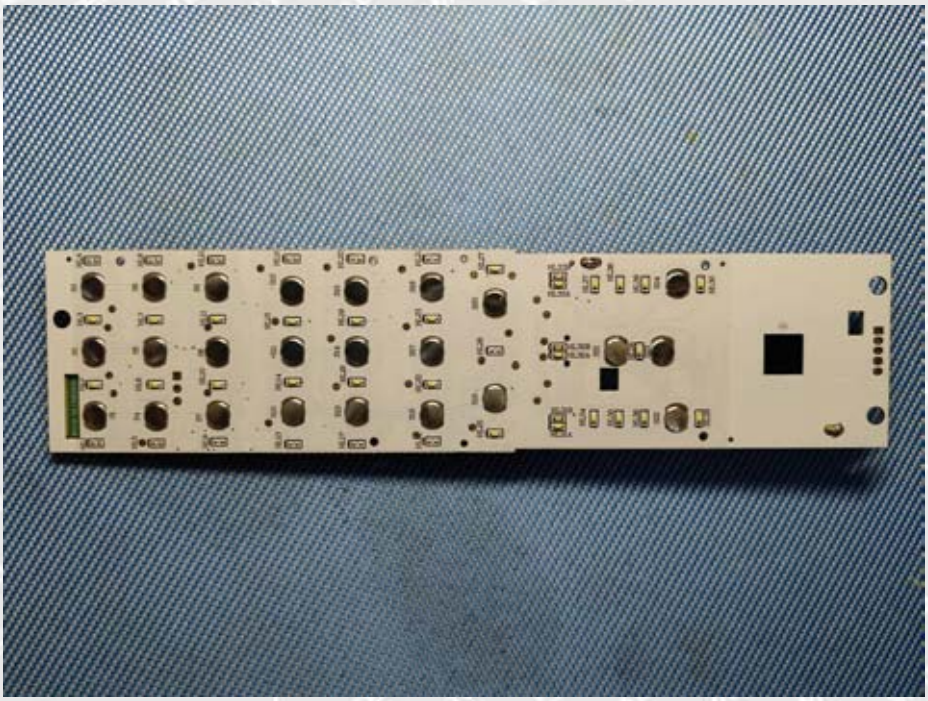


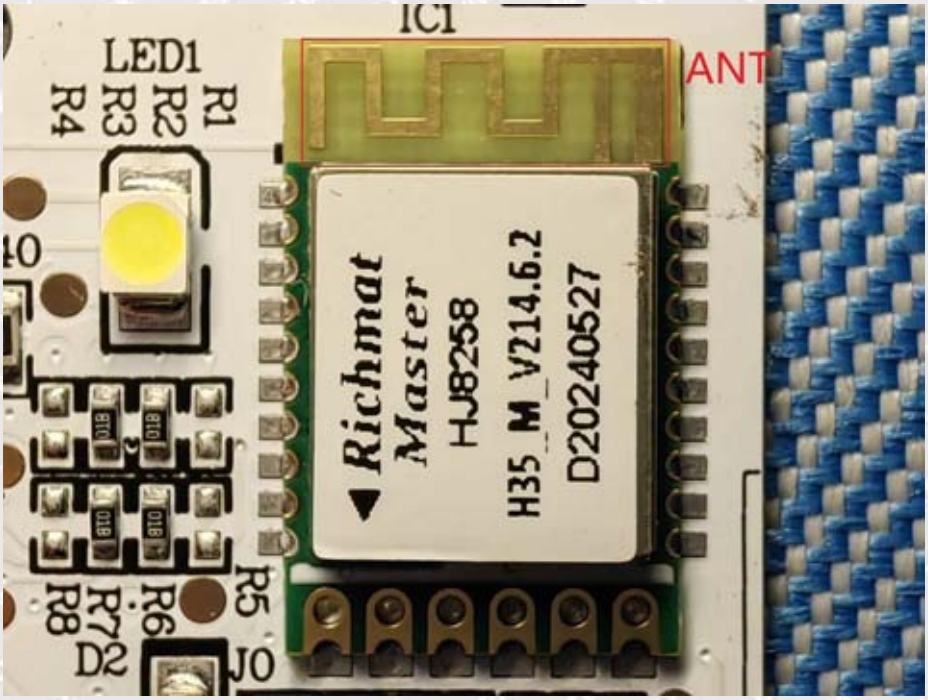
8.2 EUT - Internal Photos

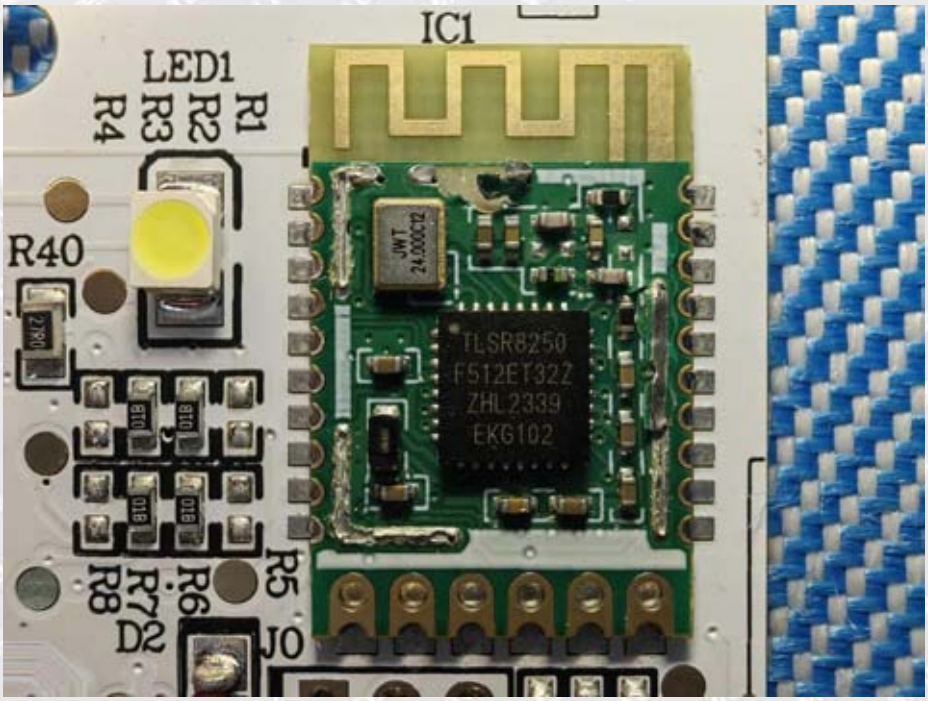
Model HJSR96 Ble



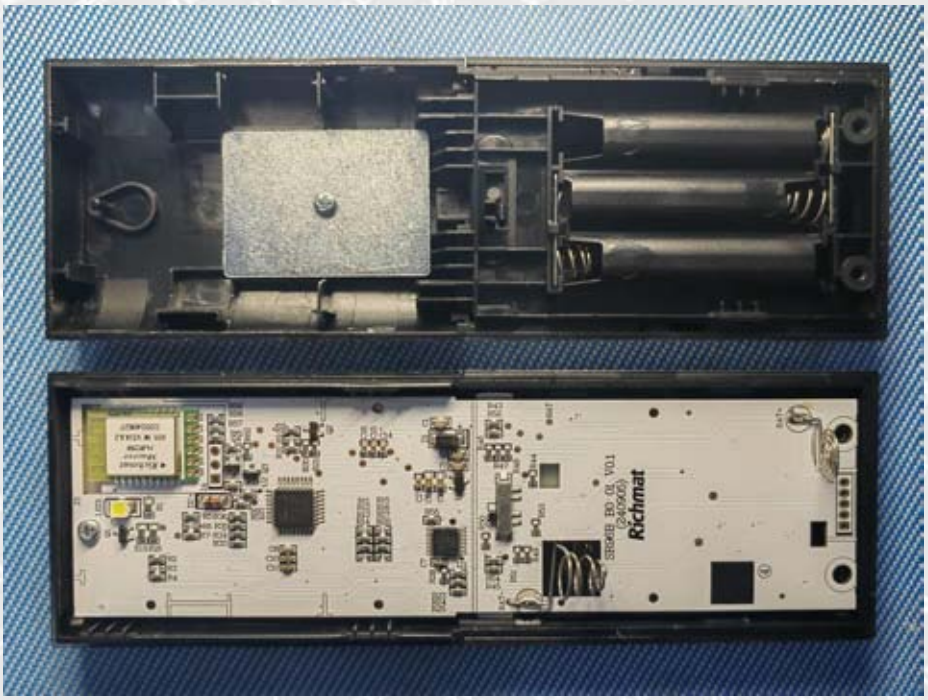

Richmat

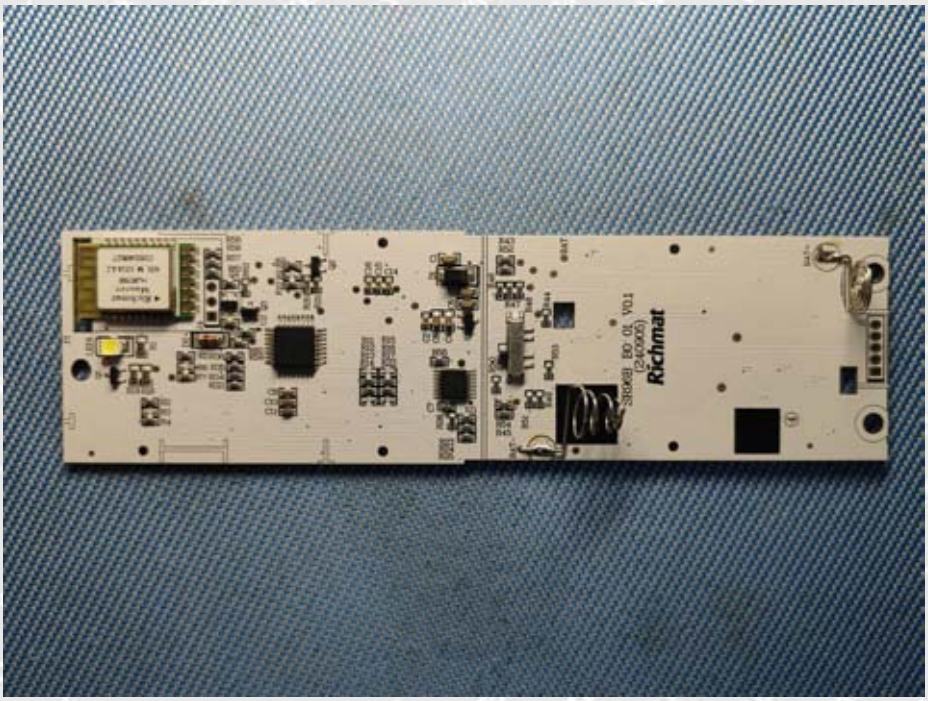


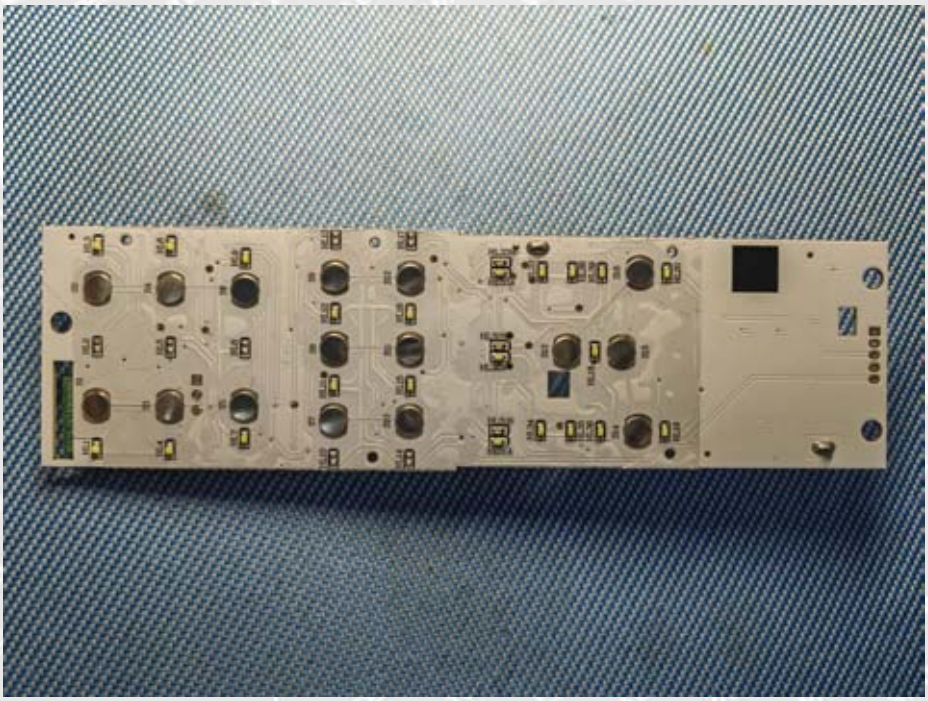

IC1
ANT
LED1
R1
R2
R3
R4
R40
Richmat
Master
HJ8258
H35_M_V214.6.2
D202240527
R5
R6
R7
R8
D2
J0

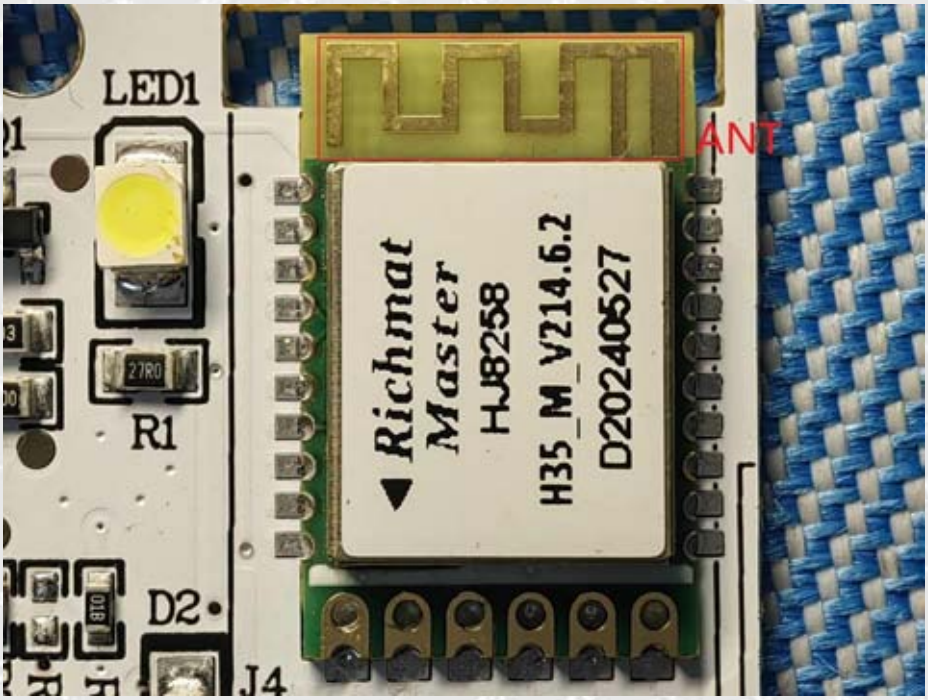

IC1
LED1
R1
R2
R3
R4
R40
TLSR8250
F512ET32Z
ZHL2339
EKG102
R5
R6
R7
R8
D2
J0

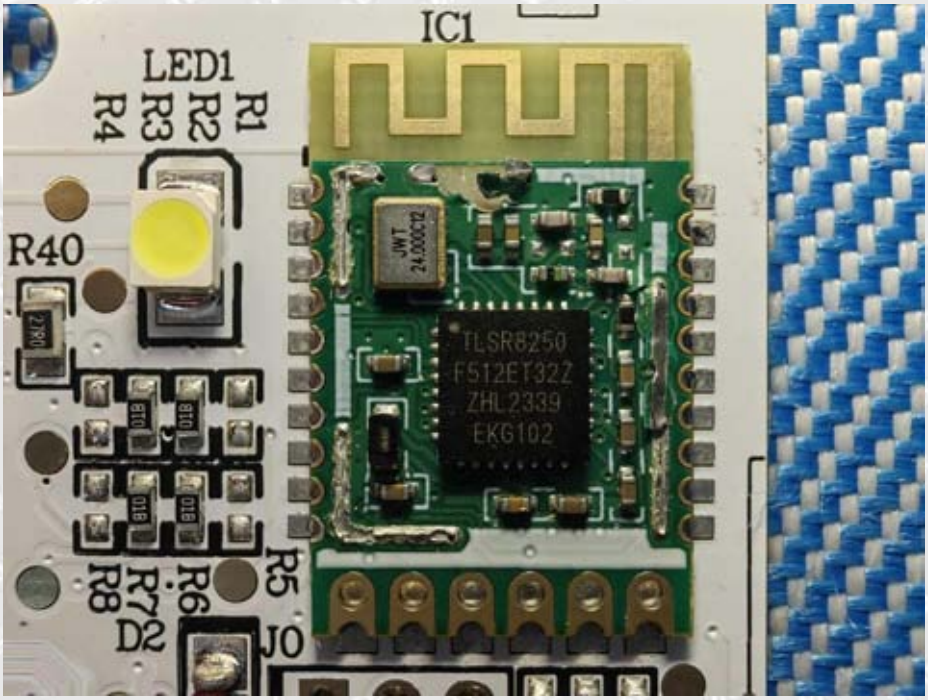
Model HJSR96B Ble



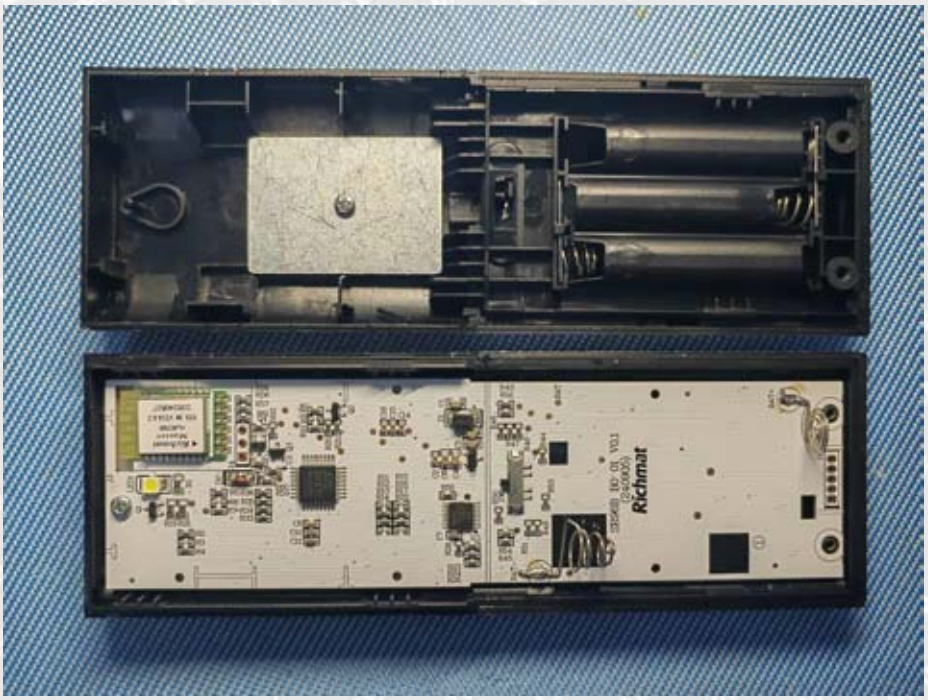

Richmat

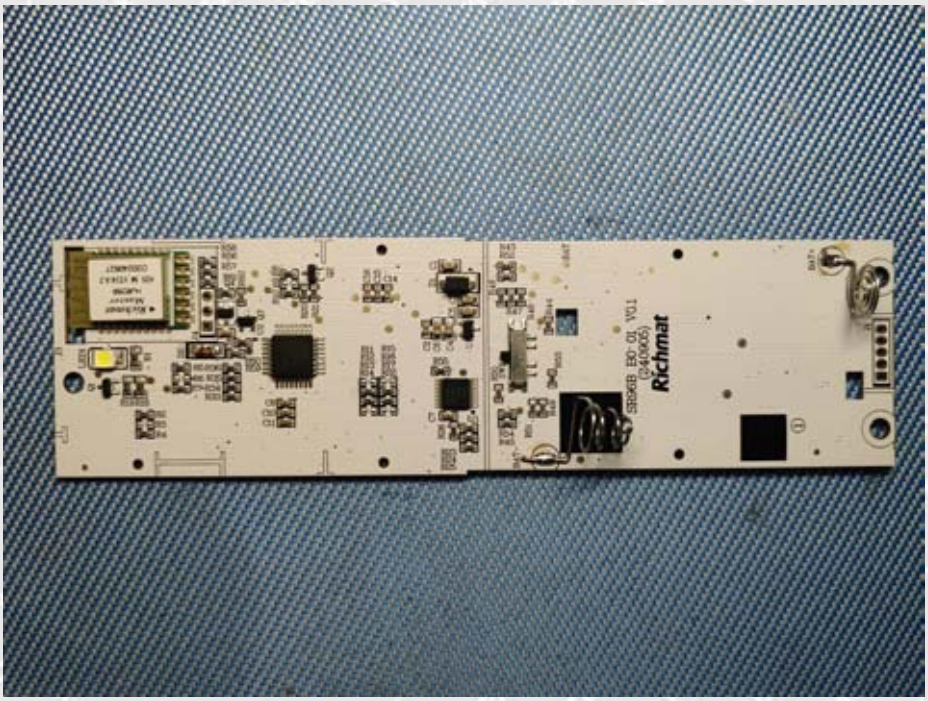



LED1
R1
D2
J4
ANT
Richmat
Master
HJ8258
H35_M_V214.6.2
D202405 27


IC1
LED1
R1
R2
R3
R4
R40
R5
R6
R7
R8
D2
J0
TLSR8250
F512ET32Z
ZHL2339
EKG102

Model HJSR96C Ble

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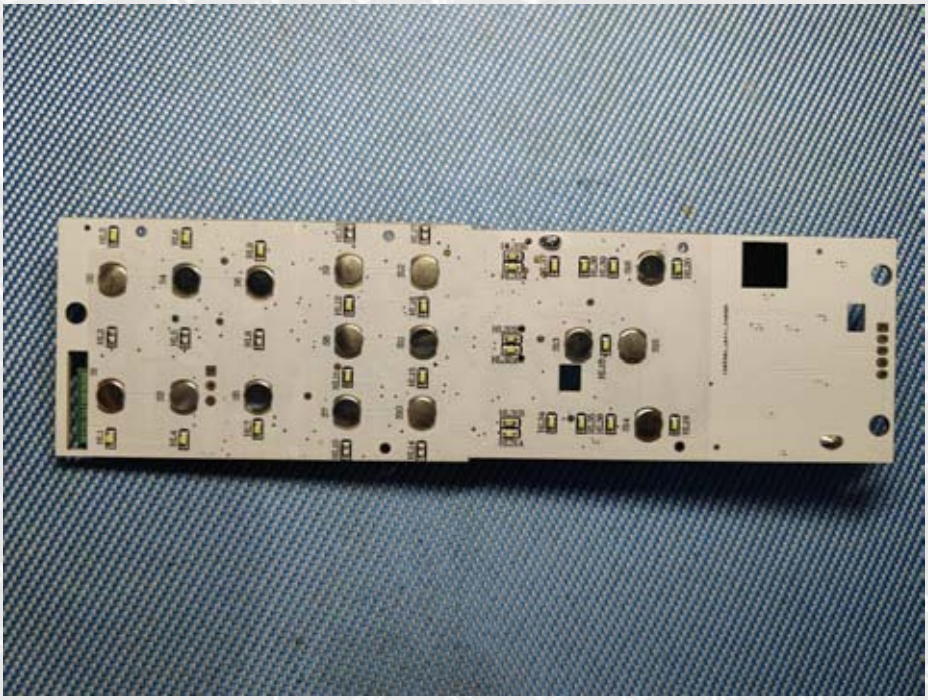

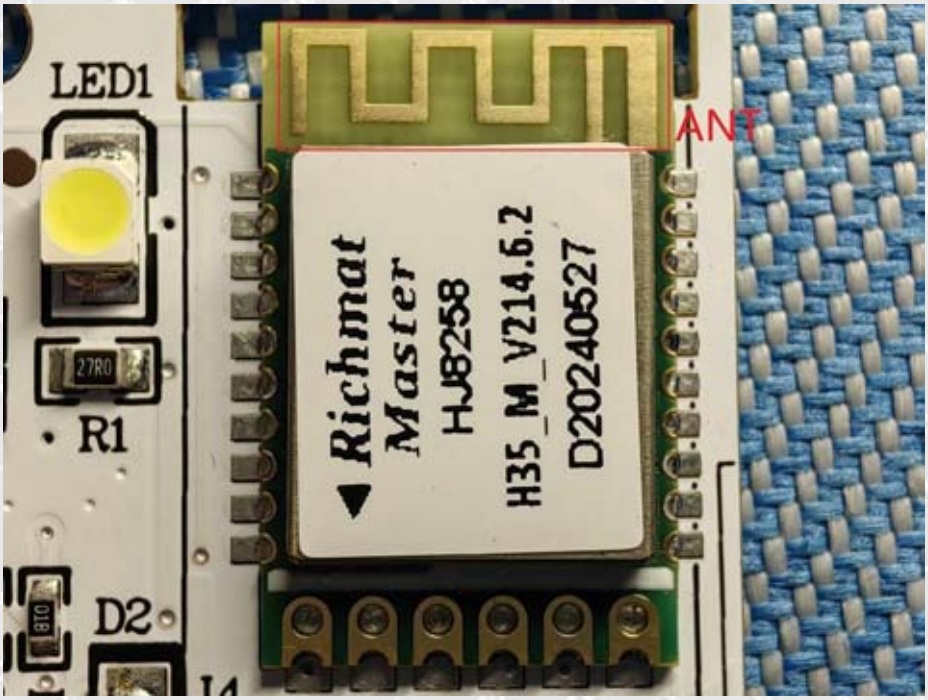

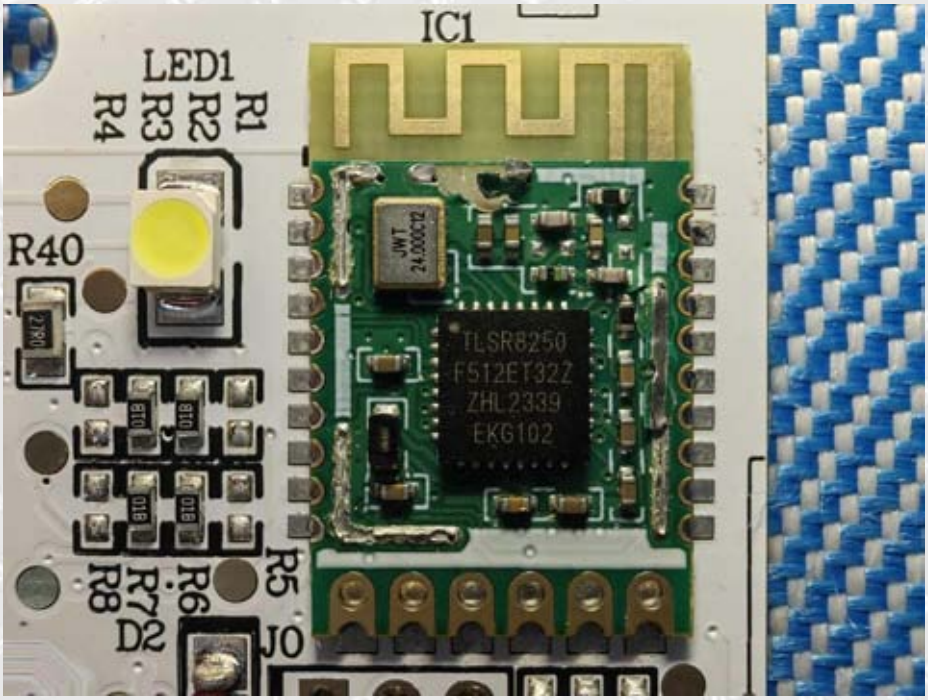

======End of Report======