



Radio Test Report

Report No.: STS2506303W05

Issued for

Buddi Limited

Talbot House 17 Church Street Rickmansworth, WD3 1DE
United Kingdom

Product Name: Smart Tag 5

Brand Name: buddi

Model Name: S1-BUD-2-TENX-B-TEEU-MIA

Series Model(s): 3430020

FCC ID: ZDLST11

Test Standards: FCC Part 15.249

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

**TEST REPORT**

Applicant's Name: Buddi Limited
Address: Talbot House 17 Church Street Rickmansworth, WD3 1DE
United Kingdom
Manufacturer's Name: Buddi Limited
Address: Talbot House 17 Church Street Rickmansworth, WD3 1DE
United Kingdom

Product Description

Product Name: Smart Tag 5
Brand Name: buddi
Model Name: S1-BUD-2-TENX-B-TEEU-MIA
Series Model(s): 3430020
Test Standards: FCC Part 15.249
Test Procedure: ANSI C63.10-2020

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

Date of Test:
Date of receipt of test item.....: 10 June 2025
Date of performance of tests ..: 10 June 2025 ~ 23 June 2025
Date of Issue: 23 June 2025
Test Result.....: **Pass**

Testing Engineer :

Aaron Bu

(Aaron Bu)

Technical Manager :

Skylar Li

(Skylar Li)

Authorized Signatory :

Bovey Yang

(Bovey Yang)





Table of Contents	Page
1. SUMMARY OF TEST RESULTS	5
1.1 TEST FACTORY	6
1.2 MEASUREMENT UNCERTAINTY	6
2. GENERAL INFORMATION	7
2.1 GENERAL DESCRIPTION OF THE EUT	7
2.2 DESCRIPTION OF THE TEST MODES	9
2.3 TEST SOFTWARE AND POWER LEVEL	9
2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	9
2.5 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS	10
2.6 EQUIPMENTS LIST FOR ALL TEST ITEMS	11
3. RADIATED EMISSION MEASUREMENT	12
4. ANTENNA REQUIREMENT	26
4.1 STANDARD REQUIREMENT	26
4.2 EUT ANTENNA	26
APPENDIX- PHOTOS OF TEST SETUP	27

**Revision History**

Rev.	Issue Date	Report No.	Effect Page	Contents
00	23 June 2025	STS2506303W05	ALL	Initial Issue

Note:

- (1) The conducted data in the original report and the current report have not changed.
- (2) The current report only updates the radiated emission.



1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part 15.249 , Subpart C			
Standard Section	Test Item	Judgment	Remark
15.203	Antenna Requirement	Pass	
15.249	Radiated Spurious Emission	Pass	

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report.
- (2) All tests are according to ANSI C63.10-2020.



1.1 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add. :101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately **95** %.

No.	Item	Uncertainty
1	RF output power, conducted	$\pm 0.755\text{dB}$
2	Unwanted Emissions, conducted	$\pm 2.874\text{dB}$
3	All emissions, radiated 9K-30MHz	$\pm 3.80\text{dB}$
4	All emissions, radiated 30M-1GHz	$\pm 4.18\text{dB}$
5	All emissions, radiated 1G-6GHz	$\pm 4.90\text{dB}$
6	All emissions, radiated >6G	$\pm 5.24\text{dB}$
7	Conducted Emission (9KHz-150KHz)	$\pm 2.19\text{dB}$
8	Conducted Emission (150KHz-30MHz)	$\pm 2.53\text{dB}$
9	Occupied Channel Bandwidth	$\pm 3.5\%$
10	Power Spectral Density, conducted	$\pm 1.245\text{dB}$
11	Duty Cycle	$\pm 3.2\%$



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Smart Tag 5								
Brand Name	buddi								
Model Name	S1-BUD-2-TENX-B-TEEU-MIA								
Series Model(s)	3430020								
Model Difference	The difference only in the model name.								
Product Description	The EUT is a Smart Tag 5. <table><tr><td>Operation Frequency:</td><td>914.5Mhz,917.5Mhz,921Mhz</td></tr><tr><td>Modulation Type:</td><td>FSK</td></tr><tr><td>Antenna Designation:</td><td>SMD antenna</td></tr><tr><td>Antenna Gain(Peak):</td><td>-1.3dBi</td></tr></table> Based on the application, features, or specification exhibited in User Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User Manual.	Operation Frequency:	914.5Mhz,917.5Mhz,921Mhz	Modulation Type:	FSK	Antenna Designation:	SMD antenna	Antenna Gain(Peak):	-1.3dBi
Operation Frequency:	914.5Mhz,917.5Mhz,921Mhz								
Modulation Type:	FSK								
Antenna Designation:	SMD antenna								
Antenna Gain(Peak):	-1.3dBi								
Connecting I/O Port(s)	Please refer to the Note 1.								
Adapter	Model: On Body Charger Dock Input: AC 100-240V 47-63Hz 0.4A Output: DC 5.99V 2000mA Model: On Body Charger V4 Input: DC 5.99V, 2000mA Output: DC 5V, 800mA								
Battery	Model: HCP623536TNFC-1S2P Rated Voltage: 3.7V Charge Limit Voltage: 4.2V Capacity:1800mAh								
Rating	Input: DC 5V, 800mA								
Hardware version number	1.41.15								
Software version number	V15.11								



Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.
- 2.

Channel List					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	914.50	2	917.50	3	921.00

- 3.

Test channel List		
Test Channel	EUT Channel	Test Frequency (MHz)
lowest	CH01	914.50
middle	CH02	917.50
highest	CH03	921.00

Note: The antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.



2.2 DESCRIPTION OF THE TEST MODES

For conducted test items and radiated spurious emissions
Each of these EUT operation mode(s) or test configuration mode(s) mentioned below was evaluated respectively.

Pretest Mode	Description	Data/Modulation
Mode 1	TX/CH01	FSK
Mode 2	TX/CH02	FSK
Mode 3	TX/CH03	FSK

Note:

(1) All above mode have been measurement, only worst data was reported.

2.3 TEST SOFTWARE AND POWER LEVEL

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

RF Function	Type	Mode Or Modulation type	ANT Gain(dBi)	Power Class	Software For Testing
Other SRD	914.5-921.0Mhz	FSK	-1.3	Default	The EUT has signal transmission when it is powered on

2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters.

Radiated Spurious Emission Test





2.5 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

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.

Necessary accessories

Item	Equipment	Mfr/Brand	Model/Type No.	Length	Note
N/A	N/A	N/A	N/A	N/A	N/A

Support units

Item	Equipment	Mfr/Brand	Model/Type No.	Length	Note
N/A	N/A	N/A	N/A	N/A	N/A

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.



2.6 EQUIPMENTS LIST FOR ALL TEST ITEMS

RF Radiation Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2025.02.22	2026.02.21
Pre-Amplifier(1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2024.09.23	2025.09.22
Pre-Amplifier(18G-40GHz)	SKET	LNPA_1840-50	SK2018101801	2025.02.22	2026.02.21
Active loop Antenna	ZHINAN	ZN30900C	16035	2025.02.25	2026.02.24
Bilog Antenna	TESEQ	CBL6111D	34678	2024.09.30	2025.09.29
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2023.09.24	2025.09.23
Horn Antenna	A-INFOMW	LB-180400-KF	J211020657	2023.10.10	2025.10.09
Positioning Controller	MF	MF-7802	MF-780208587	N/A	N/A
Signal Analyzer	R&S	FSV 40-N	101823	2024.09.23	2025.09.22
Switch Control Box	N/A	N/A	N/A	N/A	N/A
Filter Box	BALUN Technology	SU319E	BL-SZ1530051	N/A	N/A
Antenna Mast	MF	MFA-440H	N/A	N/A	N/A
Turn Table	MF	SC100_1	60531	N/A	N/A
AC Power Source	APC	KDF-11010G	F214050035	N/A	N/A
DC power supply	HONGSHENG FENG	DPS-305AF	17064939	2024.09.23	2025.09.22
Test SW	EZ-EMC	Ver.STSLAB-03A1 RE			



3. RADIATED EMISSION MEASUREMENT

3.1 RADIATED EMISSION LIMITS

In any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on Part 15.249 and the Part 15.209(a) limit in the table below has to be followed.

Standard FCC 15.209

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3
Above 1000	Other:74.0 dB(μ V)/m (Peak) 54.0 dB(μ V)/m (Average)	3

Standard FCC 15.249

Frequency of Emission (MHz)	Field Strength of fundamental (millivolts /meter)	Field Strength of Harmonics (microvolts/meter)
900~928	50	500
2400~2483.5	50	500
5725~5875	50	500
24000~242500	250	2500

Notes:

- (1) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.
- (2) Emission level (dBuV/m) = 20log Emission level (uV/m).

LIMITS OF RESTRICTED FREQUENCY BANDS

FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (GHz)
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
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	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	Above 38.6
13.36-13.41			

Spectrum Parameter	Setting
Detector	Peak/AV
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB (emission in restricted band)	>20BW
VB (emission in restricted band)	=3xRB

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
	90kHz~110kHz / RB 200Hz for QP
	110kHz~490kHz / RB 200Hz for PK & AV
	490kHz~30MHz / RB 9kHz for QP
	30MHz~1000MHz / RB 120kHz for QP



3.2 TEST PROCEDURE

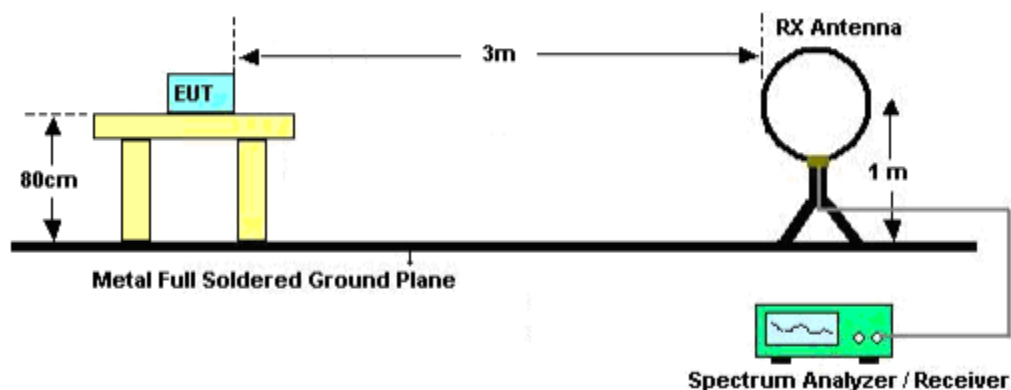
- a. The measuring distance of 3m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation (Below 1GHz)
- b. The measuring distance of 3m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation (Above 1GHz)
- c. The height of the test antenna shall vary between 1m to 4m. Both horizontal and vertical polarization of the antenna are set to make the measurement.
- d. The initial step in collecting radiated emission data is a receive peak detector mode. Pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. All readings are peak unless otherwise stated QP in column of Note. Peak denoted that the Peak reading compliance with the QP limits and then QP Mode measurement didn't perform (Below 1GHz)
- f. All readings are Peak mode value unless otherwise stated AVG in column of Note. If the Peak mode measured value compliance with the Peak limits and lower than AVG Limits, the EUT shall be deemed to meet Peak & AVG limits and then only Peak mode was measured, but AVG mode didn't perform. (Above 1GHz)
- g. For the actual test configuration, please refer to the related Item –EUT Test Photos.
Note: Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

3.3 DEVIATION FROM TEST STANDARD

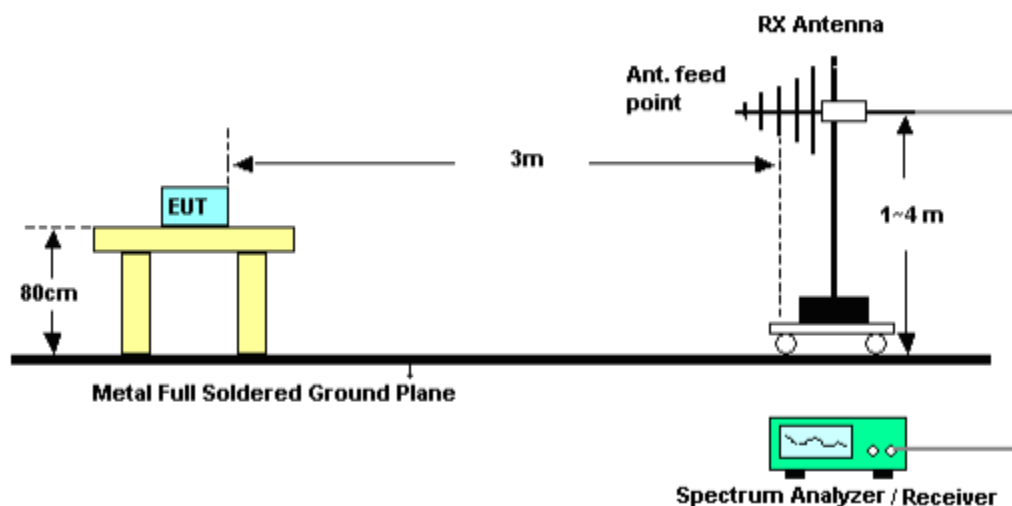
No deviation

3.4 TEST SETUP

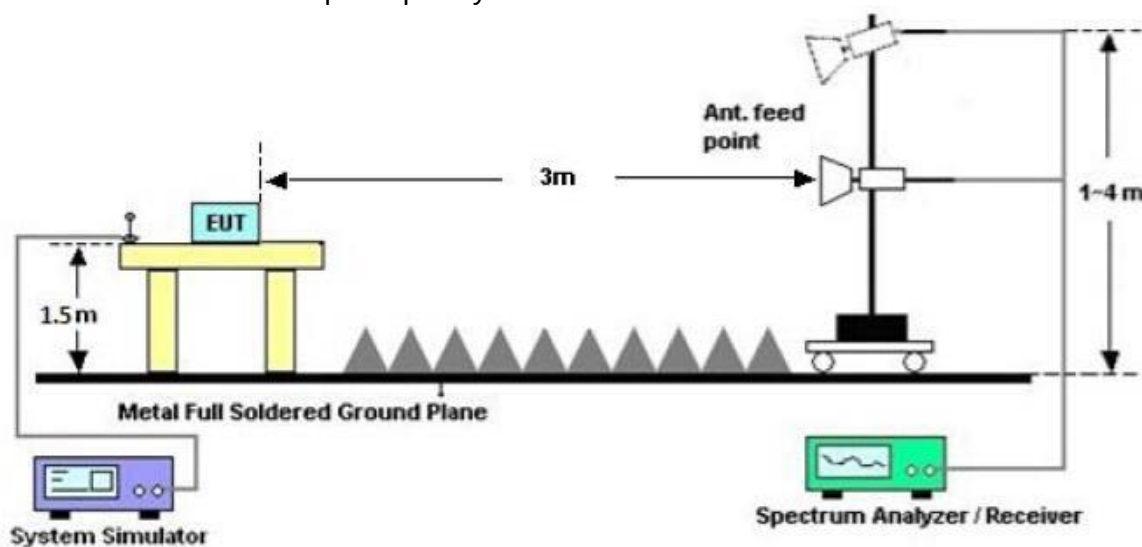
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz





3.5 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:

Margin=PL-PK L or AL- AV L; Margin only shown the worst case.

Where

PR = Peak Reading

AR = Average Reading

PL = Peak Level

AL = Average Level

AF = Antenna Factor

PK L = Peak Limit

AV L = AV Limit

For example

Frequency	PR	AR	AF	PL	AL	PK L	AV L	Margin
(MHz)	(dBμV/m)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV/m)	(dBμV/m)	(dBμV/m)	(dB)
2178	40.23	30.31	9.83	50.06	40.14	74.00	54.00	-13.86



3.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

Below 30 MHz

Temperature:	23.1℃	Relative Humidity:	60%
Test Voltage:	DC 3.7V	Polarization:	---
Test Mode:	TX Mode		

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	PASS
--	--	--	--	PASS

NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.



Between 30MHz – 1000 MHz Radiation Spurious

Temperature:	23.1℃	Relative Humidity:	60%
Test Voltage:	DC 3.7V	Phase:	Horizontal
Test Mode:	Mode 1/2/3 (mode 1 worst mode)		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.7455	27.77	-13.24	14.53	40.00	-25.47	peak
2	98.8700	40.20	-20.31	19.89	43.50	-23.61	peak
3	332.6400	29.28	-13.62	15.66	46.00	-30.34	peak
4	483.9600	29.79	-8.48	21.31	46.00	-24.69	peak
5	760.4100	30.09	-2.18	27.91	46.00	-18.09	peak
6	974.7800	27.96	2.32	30.28	54.00	-23.72	peak

Remark:

1. Margin = Result (Result = Reading + Factor) – Limit
2. Factor = Antenna factor + Cable attenuation factor (cable loss) - Amplifier gain
3. All modes have been tested, only show the worst case.



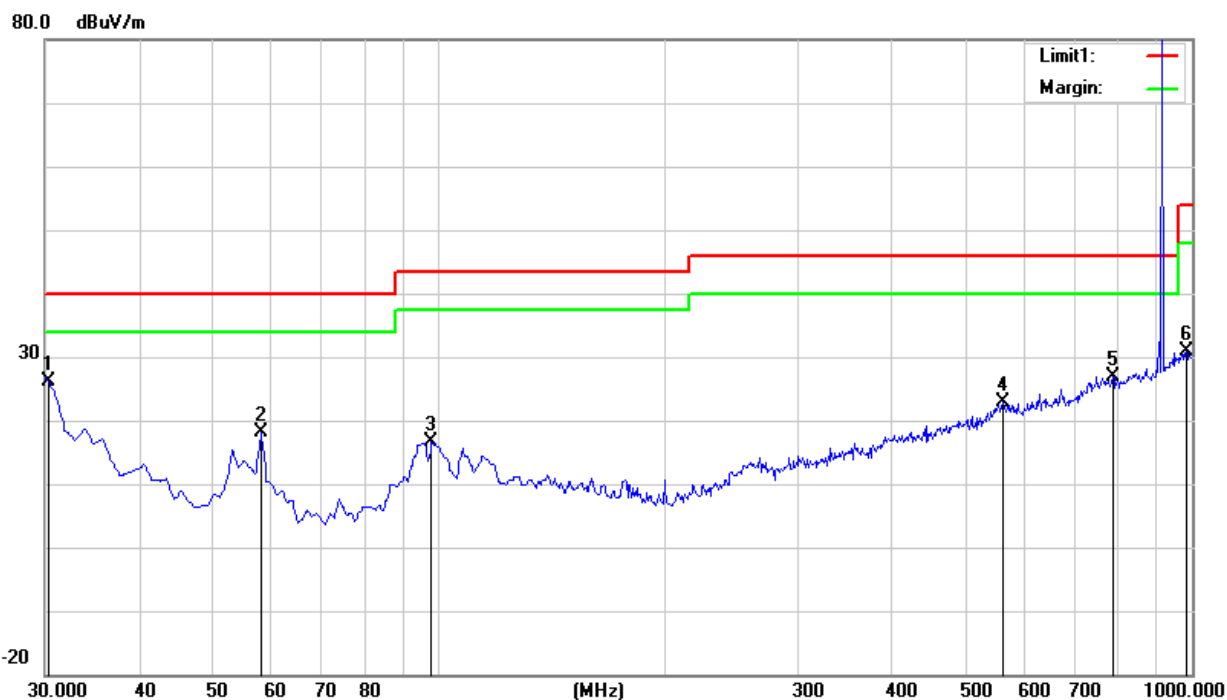


Temperature:	23.1℃	Relative Humidity:	60%
Test Voltage:	DC 3.7V	Phase:	Vertical
Test Mode:	Mode 1/2/3 (mode 1 worst mode)		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.3173	39.18	-13.01	26.17	40.00	-13.83	peak
2	58.1300	43.82	-25.58	18.24	40.00	-21.76	peak
3	97.9000	37.00	-20.46	16.54	43.50	-26.96	peak
4	562.5300	28.35	-5.52	22.83	46.00	-23.17	peak
5	787.5700	28.99	-2.02	26.97	46.00	-19.03	peak
6	985.4500	28.64	2.33	30.97	54.00	-23.03	peak

Remark:

1. Margin = Result (Result = Reading + Factor) - Limit
2. Factor = Antenna factor + Cable attenuation factor (cable loss) - Amplifier gain
3. All modes have been tested, only show the worst case.



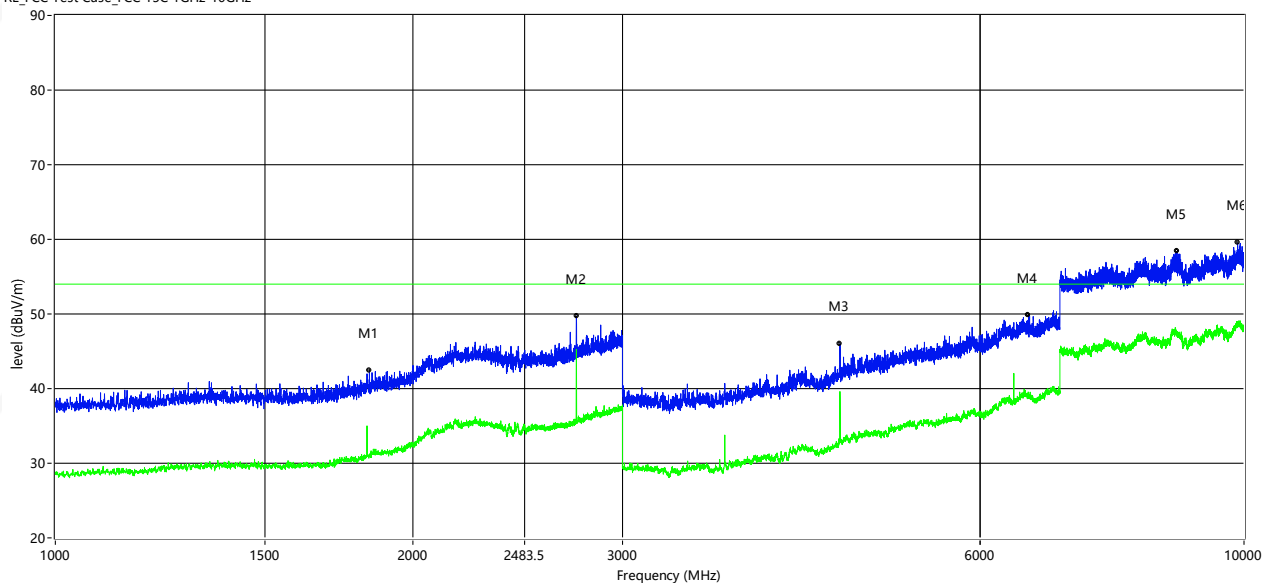


Above 1G Radiation Spurious

914.5MHz

Horizontal

RE_FCC Test Case_FCC 15C 1GHz-10GHz

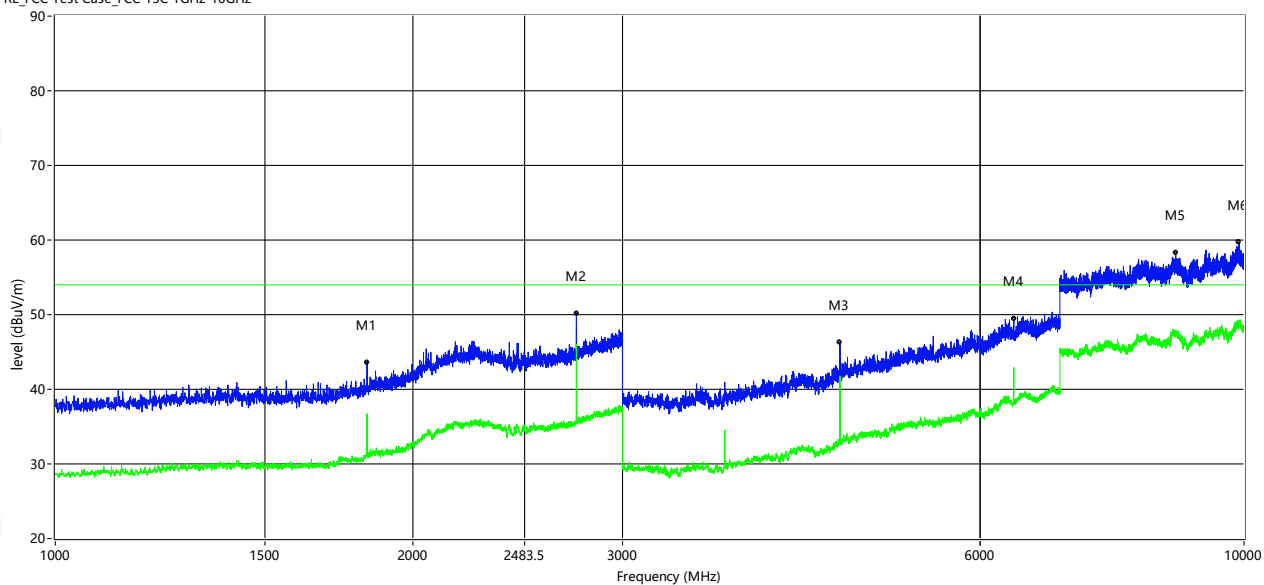


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1837.500	42.40	31.11	0.56	74.0	54.0	-22.89	303.80	100	Horizontal	Pass
2743.500	49.73	45.24	4.88	74.0	54.0	-8.76	194.40	100	Horizontal	Pass
4573.000	46.03	38.72	-7.86	74.0	54.0	-15.28	319.80	100	Horizontal	Pass
6587.000	49.86	38.80	-0.44	74.0	54.0	-15.20	156.90	100	Horizontal	Pass
8782.750	58.38	47.42	4.90	74.0	54.0	-6.58	355.30	100	Horizontal	Pass
9877.000	59.50	48.66	6.38	74.0	54.0	-5.34	309.40	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-10GHz



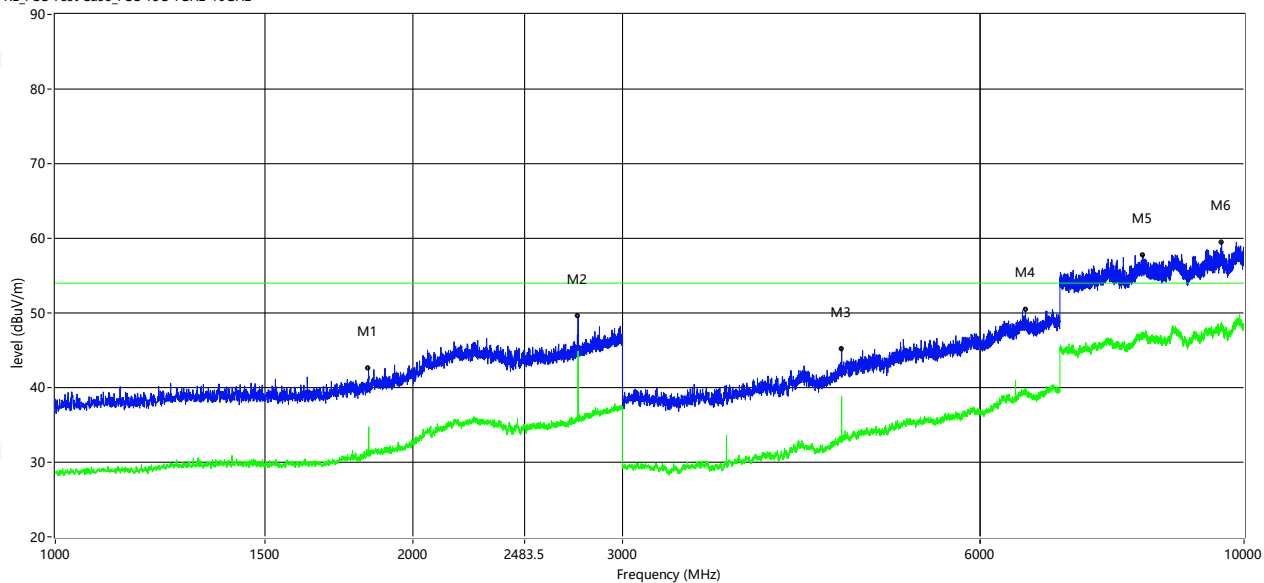
Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1829.000	43.63	36.72	0.41	74.0	54.0	-17.28	219.30	100	Vertical	Pass
2744.000	50.21	45.28	4.89	74.0	54.0	-8.72	2.10	100	Vertical	Pass
4572.000	46.29	41.78	-7.87	74.0	54.0	-12.22	242.80	100	Vertical	Pass
6402.000	49.37	42.92	-1.25	74.0	54.0	-11.08	153.50	100	Vertical	Pass
8761.000	58.29	47.76	4.97	74.0	54.0	-6.24	233.90	100	Vertical	Pass
9900.250	59.67	48.96	6.43	74.0	54.0	-5.04	323.10	100	Vertical	Pass



917.5MHz

Horizontal

RE_FCC Test Case_FCC 15C 1GHz-10GHz

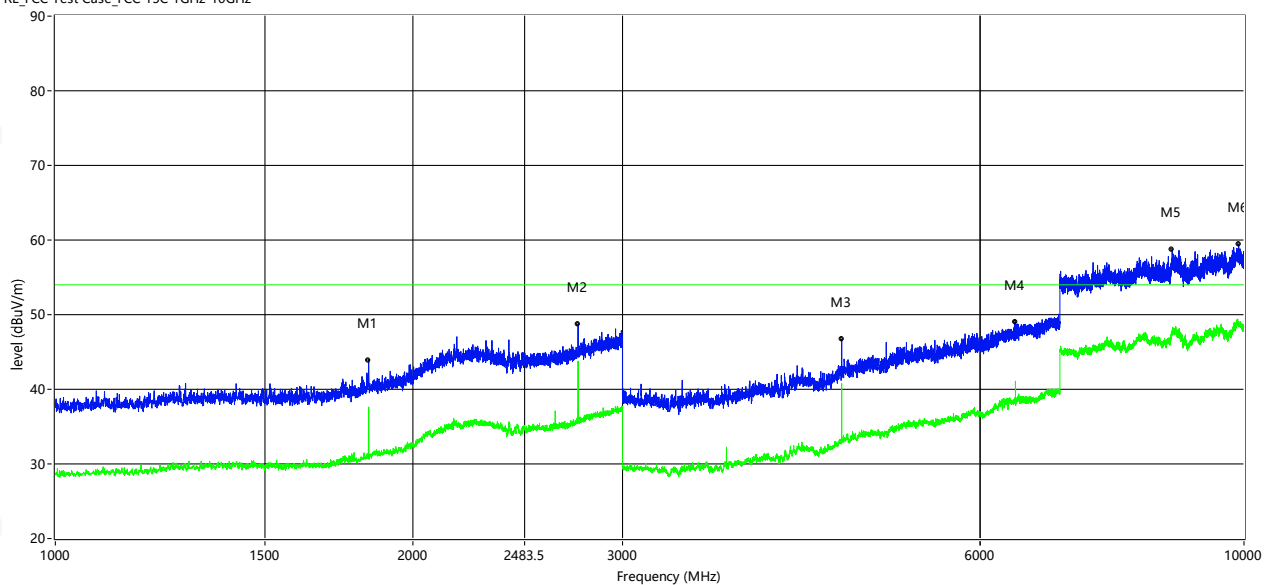


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1834.500	42.62	33.49	0.51	74.0	54.0	-20.51	305.60	100	Horizontal	Pass
2752.500	49.53	44.89	4.96	74.0	54.0	-9.11	193.00	100	Horizontal	Pass
4587.000	45.21	38.80	-7.72	74.0	54.0	-15.20	92.50	100	Horizontal	Pass
6549.000	50.38	39.90	-0.42	74.0	54.0	-14.10	184.00	100	Horizontal	Pass
8221.750	57.78	46.90	4.21	74.0	54.0	-7.10	150.60	100	Horizontal	Pass
9575.500	59.46	48.34	5.61	74.0	54.0	-5.66	198.90	100	Horizontal	Pass



Vertical

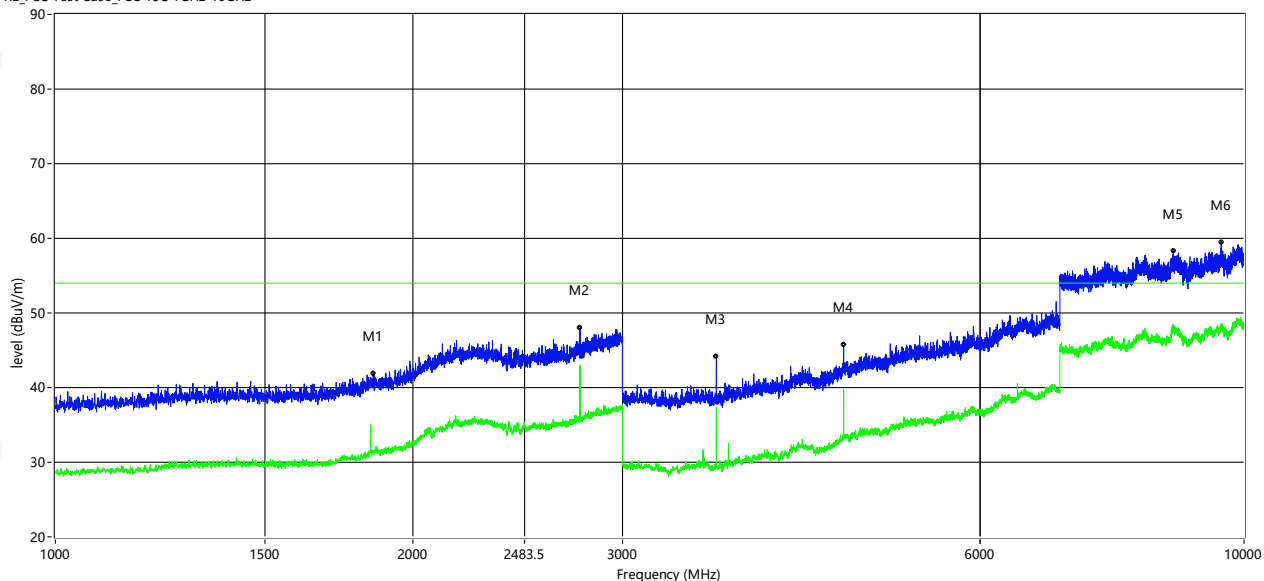
RE_FCC Test Case_FCC 15C 1GHz-10GHz



Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1835.000	43.88	37.63	0.52	74.0	54.0	-16.37	295.60	100	Vertical	Pass
2753.000	48.70	43.01	4.96	74.0	54.0	-10.99	351.20	100	Vertical	Pass
4588.000	46.70	39.79	-7.71	74.0	54.0	-14.21	157.70	100	Vertical	Pass
6414.000	49.05	38.87	-1.15	74.0	54.0	-15.13	222.00	100	Vertical	Pass
8701.000	58.72	47.71	5.16	74.0	54.0	-6.29	312.30	100	Vertical	Pass
9896.500	59.38	49.00	6.42	74.0	54.0	-5.00	203.70	100	Vertical	Pass

921MHz
Horizontal

RE_FCC Test Case_FCC 15C 1GHz-10GHz

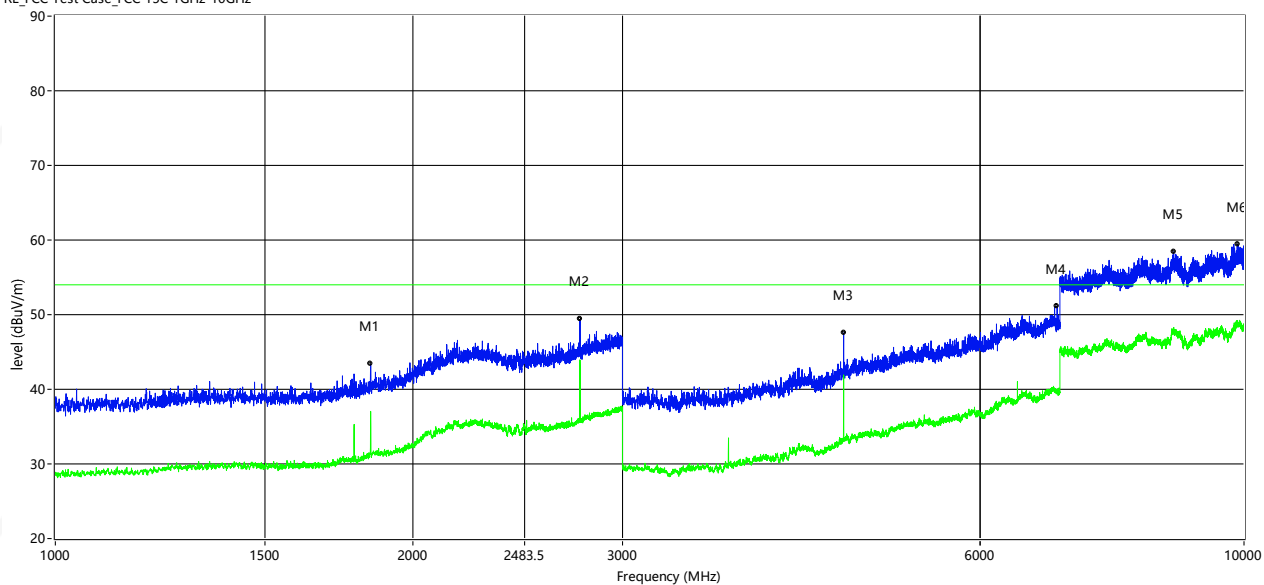


Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1851.000	41.86	31.36	0.78	74.0	54.0	-22.64	30.30	100	Horizontal	Pass
2763.000	47.99	42.83	5.03	74.0	54.0	-11.17	186.60	100	Horizontal	Pass
3599.000	44.21	37.06	-12.00	74.0	54.0	-16.94	4.10	100	Horizontal	Pass
4605.000	45.65	39.73	-7.58	74.0	54.0	-14.27	309.70	100	Horizontal	Pass
8722.750	58.33	47.82	5.09	74.0	54.0	-6.18	312.40	100	Horizontal	Pass
9568.000	59.42	48.58	5.56	74.0	54.0	-5.42	294.10	100	Horizontal	Pass



Vertical

RE_FCC Test Case_FCC 15C 1GHz-10GHz



Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	AV Limit (dBuV/m)	Over Limit (dB)	Table (o)	Height (cm)	ANT	Verdict
1842.000	43.38	37.05	0.64	74.0	54.0	-16.95	219.20	100	Vertical	Pass
2763.000	49.37	43.96	5.03	74.0	54.0	-10.04	0.10	100	Vertical	Pass
4605.000	47.56	41.92	-7.58	74.0	54.0	-12.08	263.30	100	Vertical	Pass
6963.000	51.19	39.69	0.50	74.0	54.0	-14.31	83.50	100	Vertical	Pass
8726.500	58.42	47.83	5.08	74.0	54.0	-6.17	32.90	100	Vertical	Pass
9877.000	59.44	49.20	6.38	74.0	54.0	-4.80	243.70	100	Vertical	Pass



4. ANTENNA REQUIREMENT

4.1 STANDARD REQUIREMENT

According to the FCC Part 15 Paragraph 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.

4.2 EUT ANTENNA

The EUT antenna is SMD Antenna. It conforms to the standard requirements.



APPENDIX- PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

※※※※※END OF THE REPORT※※※※※