

ANNEX

FCC Part 15C Test Report

FCC ID:2AVSW-AAE1

Applicant: DongGuan ZEAPON Technology Co., Ltd.
Address: Room 301 ,Building 7 ,No. 26 ,Jinqu Road ,Wanjiang District ,Dongguan City ,Guangdong Province,China
Manufacturer: DongGuan ZEAPON Technology Co., Ltd.
Address: Room 301 ,Building 7 ,No. 26 ,Jinqu Road ,Wanjiang District ,Dongguan City ,Guangdong Province,China
EUT: Micro 3 Slider Motor
Trade Mark: ZEAPON
Model Number: AA-E1, AA-E2
Date of Receipt: Sep. 08, 2022
Test Date: Sep. 08, 2022 - Sep. 18, 2022
Date of Report: Sep. 18, 2022
Prepared By: Shenzhen DL Testing Technology Co., Ltd.
Address: 101-201, Building C, Shuanghuan, No.8, Baoqing Road, Baolong Industrial Zone, Baolong Street, Longgang District, Shenzhen, Guangdong, China
Applicable Standards: FCC PART 15 C 15.247
ANSI C63.10:2013
Test Result: Pass
Report Number: DL-20220919024E-ANNEX

Prepared (Test Engineer): Alisa Song

Reviewer (Supervisor): Jack Bu

Approved (Manager): Jade Yang

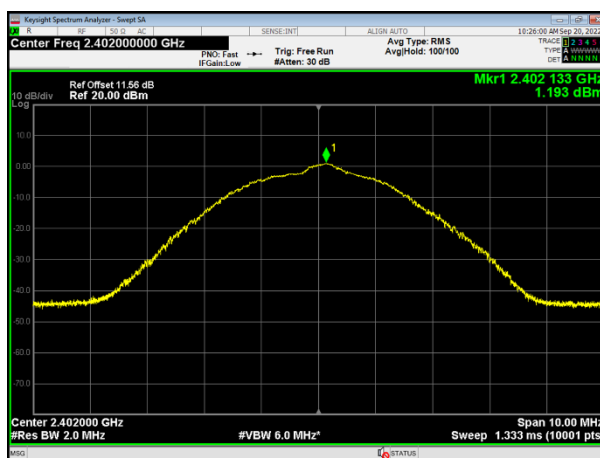


This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen DL Testing Technology Co., Ltd.

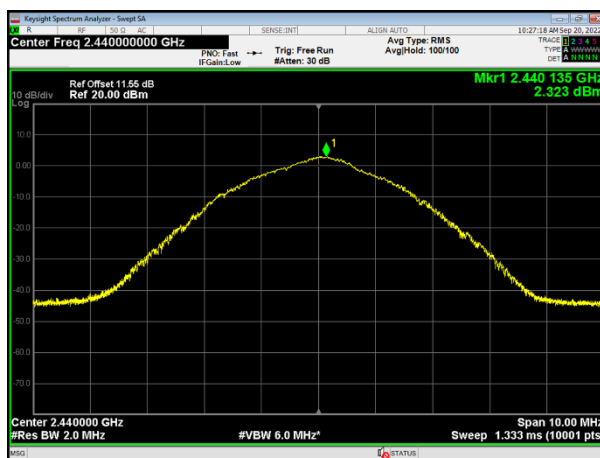
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	1.193	0	-1.193	30	Pass
NVNT	BLE	2440	Ant1	2.232	0	0.039	30	Pass
NVNT	BLE	2480	Ant1	2.026	0	-0.026	30	Pass

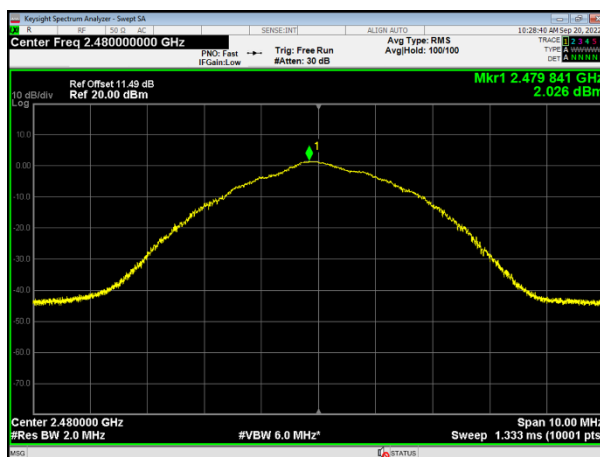
Power NVNT BLE 2402MHz Ant1



Power NVNT BLE 2440MHz Ant1



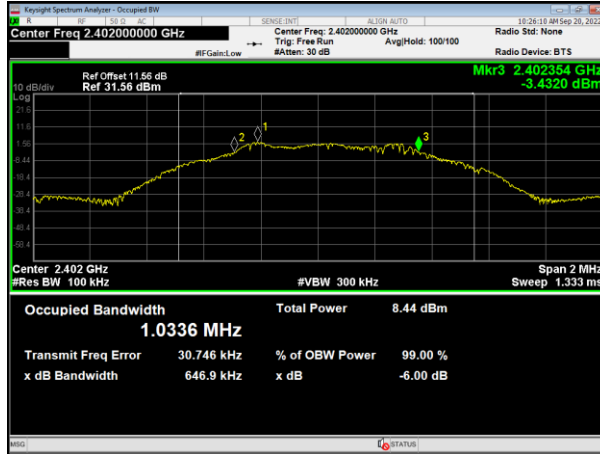
Power NVNT BLE 2480MHz Ant1



-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant1	0.647	0.5	Pass
NVNT	BLE	2440	Ant1	0.643	0.5	Pass
NVNT	BLE	2480	Ant1	0.633	0.5	Pass

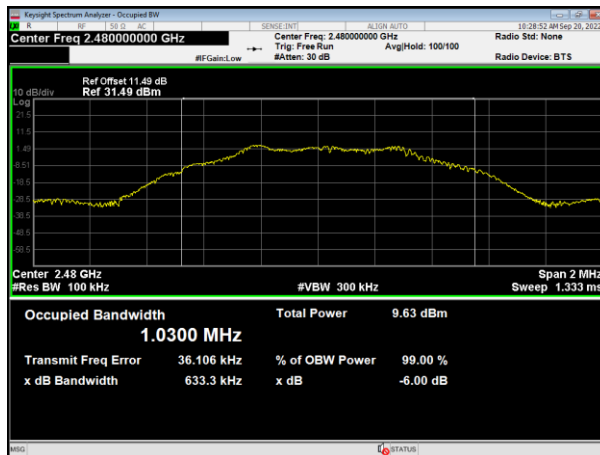
-6dB Bandwidth NVNT BLE 2402MHz Ant1



-6dB Bandwidth NVNT BLE 2440MHz Ant1



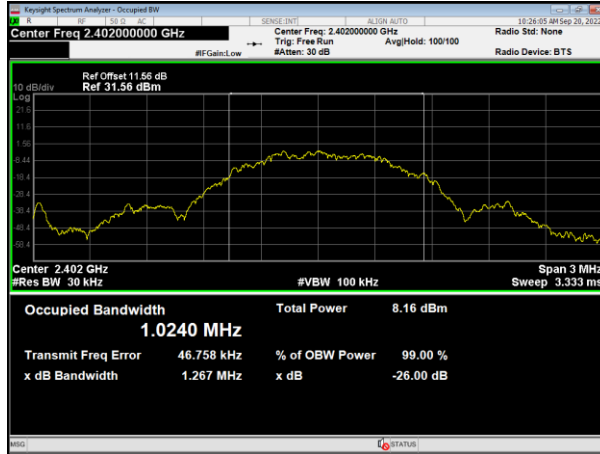
-6dB Bandwidth NVNT BLE 2480MHz Ant1



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.024013173
NVNT	BLE	2440	Ant1	1.026868121
NVNT	BLE	2480	Ant1	1.03037563

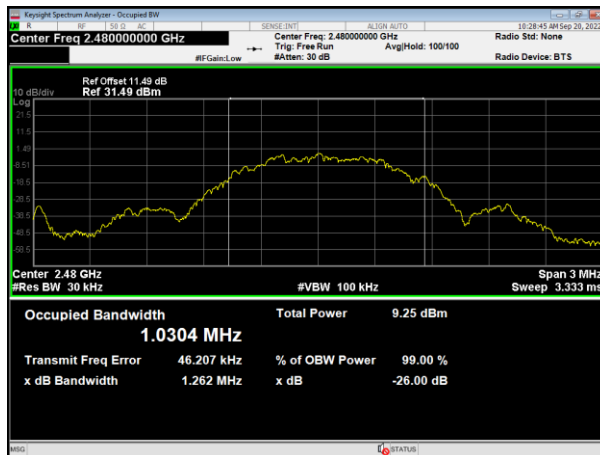
OBW NVNT BLE 2402MHz Ant1



OBW NVNT BLE 2440MHz Ant1



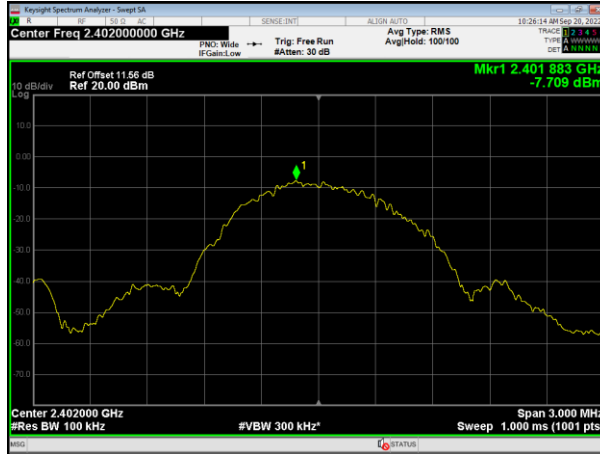
OBW NVNT BLE 2480MHz Ant1



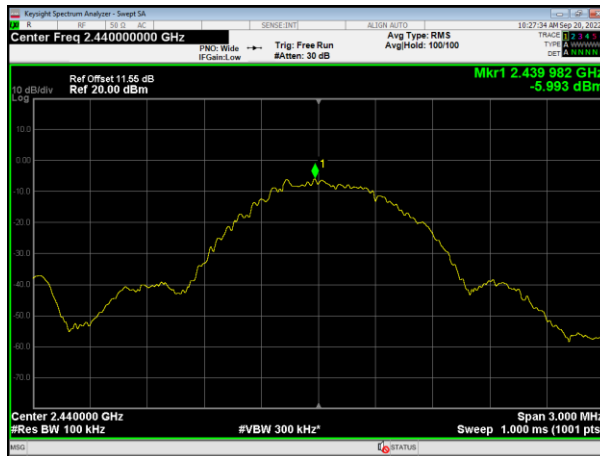
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-7.709	8	Pass
NVNT	BLE	2440	Ant1	-5.993	8	Pass
NVNT	BLE	2480	Ant1	-7.127	8	Pass

PSD NVNT BLE 2402MHz Ant1



PSD NVNT BLE 2440MHz Ant1



PSD NVNT BLE 2480MHz Ant1

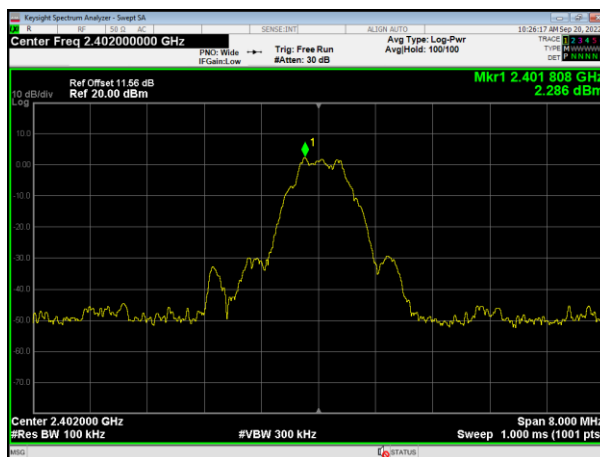


Report

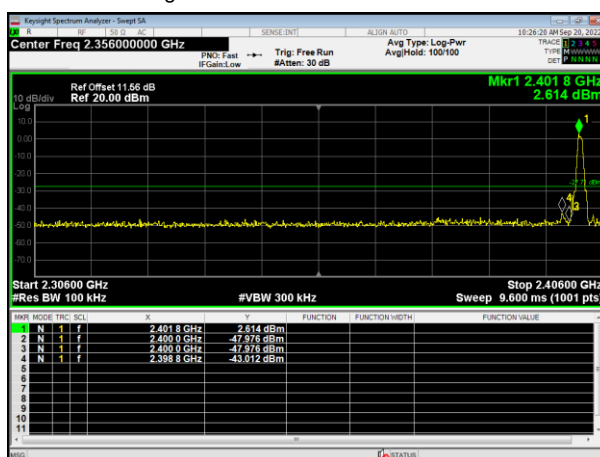
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-45.3	-30	Pass
NVNT	BLE	2480	Ant1	-47.02	-30	Pass

Band Edge NVNT BLE 2402MHz Ant1 Ref



Band Edge NVNT BLE 2402MHz Ant1 Emission

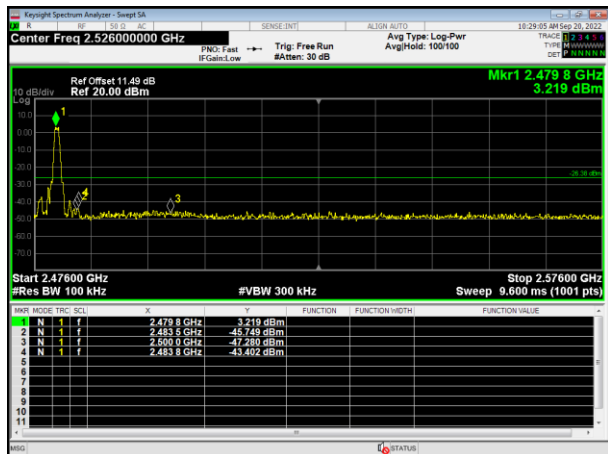


Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission

Report



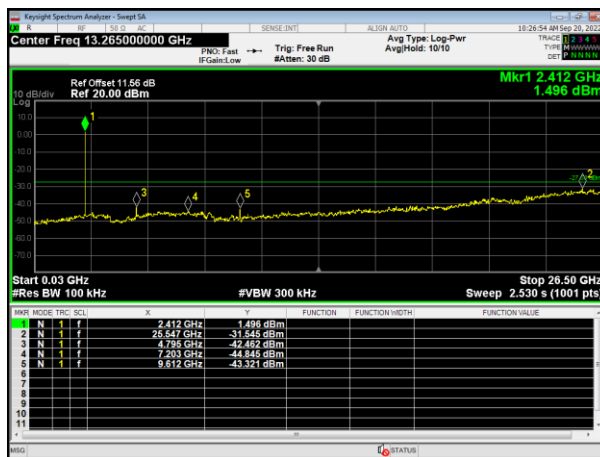
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-34.01	-30	Pass
NVNT	BLE	2440	Ant1	-35.71	-30	Pass
NVNT	BLE	2480	Ant1	-35.48	-30	Pass

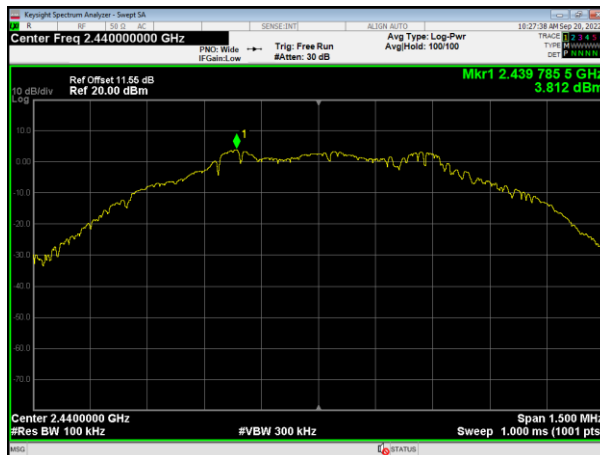
Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



Tx. Spurious NVNT BLE 2402MHz Ant1 Emission

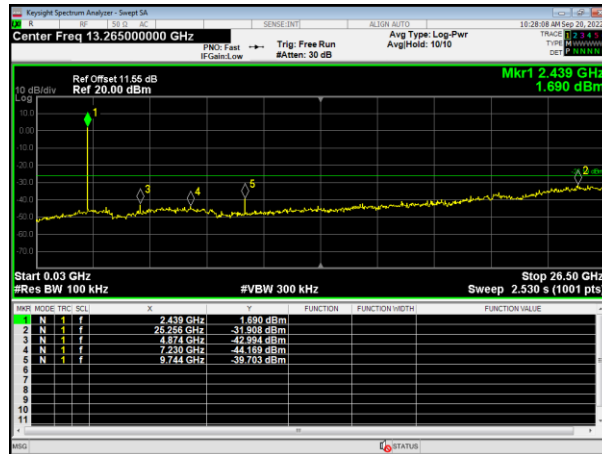


Tx. Spurious NVNT BLE 2440MHz Ant1 Ref



Tx. Spurious NVNT BLE 2440MHz Ant1 Emission

Report



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

