

1 Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test standard

: CFR47 FCC Part 2: Section 2.1093
CFR47 FCC Part 1: Section 1.1310
FCC KDB Publication 447498 v06, section 7
RSS-102 Issue 5 February 2021
FCC ID: 2AW23-VC334
IC: 31226-VC334, HVIN: DR-A245

a) EUT RF Exposure Evaluation operations for FCC

Frequency Band (MHz)	Maximum Radiated power*		Threshold power @5mm (mW)	Verdict
	dBm	mW		
2465-2480	-1.69	0.678	10	Compliant
1. The highest E-field is 93.54dBμV@3m, i.e. 0.678mW, which much lower than the threshold power. 2. Refer to report CN24W899 001 for the highest fundamental wave. 3. Antenna Gain -2.0dBi.				

b) EUT RF Exposure Evaluation operations for IC

The Maximum Radiated power of the transmitter is -1.69 dBm (0.678 mW), which is below the SAR exclusion threshold level 4 mW $\approx$ 6.02 dBm.

Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.

geprüft von: tested by:	x 
Datum: Date: 2024-03-19	
Stellung / Position	Department Manager