RF Exposure Evaluation Report

Equipment under Test: Transmitter

Model No. : 7117V

FCC ID : EZS7117V

IC : 1513A-7117V

Applicant : FCC:Voxx Electronics Corporation
IC: Voxx Electronics

Address : FCC:2365 Pontiac Road, Auburn Hills, Michigan,48326,United States
IC: 2365 Pontiac Road Auburn Hills MI 48326 USA(excluding The states of Alaska)

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Prepared by

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0905

PREPARED BY : _____ , DATE : November 13, 2024
(Cathy Chen/ Technical Manager)

APPROVED BY : _____ , DATE : November 13, 2024
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1 Requirement for Compliance

According to KDB 447498 D04 v01 and RSS-102 issue 6:

FCC requirement:

Per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption

IC requirement

Frequency (MHz)	≤ 5 mm (mW)	10 mm (mW)	15 mm (mW)	20 mm (mW)	25 mm (mW)	30 mm (mW)	35 mm (mW)	40 mm (mW)	45 mm (mW)	> 50 mm (mW)
≤ 300	45	116	139	163	189	216	246	280	319	362
450	32	71	87	104	124	147	175	208	248	296

2 Calcaulation

Frequency Range (MHz)	Maximium Power		Limit (mW)	
	(dBm)	(mW)	FCC	IC @5mm
433.92	-11.14	0.08	1	33.39

P (dBm)= E (dBuV/m) – 95.2= 84.06 – 95.2= -11.14 dBm

IC limit @5mm: 32 mW (450 MHz), 45 mW(300 MHz) use linear interpolation to get limit.

3 Result

According to result, the SAR testing for this device is not required.

~ End of Report ~