

RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Brydge 11.0 MAX+
Model Name	BRY403
Series Model	BRY4031, BRY4032, BRY4033, BRY4032G, BRY4032K
FCC ID	2ADRG-BRY403

2. EVALUATION METHOD

According to 447498 D01 General RF Exposure Guidance v06

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] $\cdot [\sqrt{f(GHz)}] \le 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

Where f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation.

3. CALCULATION

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Pt=-3.594dBm=0.44mW

The value of the Maximum output power P_t is referred to the test report of the CFR47 $\S 15.247$.

The result for RF exposure evaluation SAR= $(0.44\text{mW} / 5\text{mm}) \cdot [\sqrt{2.402\text{GHz}}] = 0.14 < 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

The SAR evaluation is not required.

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