

FCC RF EXPOSURE REPORT

FCC ID: CWU-ACVREM100

Project No. : 1709C132
Equipment : Remote Control
Model : ACV-REM-100
Applicant : AMX LLC
Address : 3000 Research Dr Richardson TX USA 75082

**According: : FCC Guidelines for Human Exposure IEEE
C95.1 & KDB447498 D01**

B T L I N C .

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Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	RFlink	LA2012H2450-A40	Chip	N/A	2.96

GENERAL CONCLUSION:

Per FCC KDB 447498 D01, the 1-g SAR and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

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

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Standalone SAR test exclusion

P_{max} (dBm)*	P_{max} (mW)	Distance (mm)	f (GHz)	Calculation Result	SAR Exclusion threshold	SAR test exclusion
-0.02	0.995	5	2.48	0.31	3	Yes

Conclusion: No SAR evaluation required since the calculation result is below FCC SAR exclusion threshold.