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RF Exposure Statement

SAR Exclusion Worksheet

DNB Job Number:	86022	Date:	28 Dec 2017	Conformance Standard 47 CFR 2.1091 (Mobile) 47 CFR 2.1093 (Portable)
Customer:	Orbit Irrigation Products			
Model Number:	BH1	FCC ID:	ML6-BH1	
Description:	BLE Transmitter			Guidance Document KDB 447498 D01

SAR EXCLUSION CALCULATIONS per Clause 4.3.1		
Step 1	SAR test exclusion thresholds for 100MHz to 6GHz at test separation distances \leq 50mm	
	Maximum Power of Channel, including tune up tolerance in mW and antenna gain	1.403
	Minimum test separation distance in mm	5
	Frequency in GHz	2.480
	Threshold calculation =	0.4
	Is the threshold calculation below (3.0) the 1-g SAR for head and body	YES
	Is the threshold calculation below (7.5) the 10-g SAR for extremity	YES

SAR EXCLUSION Comparison to Appendix A		
	SAR test exclusion thresholds for 100MHz to 6GHz from Appendix A	
	Maximum Power of Channel, including tune up tolerance in mW and antenna gain	1.403
	Maximum allowed power in Appendix A at specified test distance	10
	Is the Maximum Channel Power below the Appendix A threshold for head and body	YES
	Is the Maximum Channel Power below the Appendix A threshold for extremity	YES

CONCLUSIONS
EUT is compliant with the SAR Exclusion per Clause 4.3.1 and per Appendix A - No further SAR or MPE measurements or calculations are required.

Printed Name	Signature	Date
C.L. Payne III		28 Dec 2017