



1100 E Chalk Creek Road  
Coalville, UT 84017  
(435) 336-4433  
FAX (435) 336-4436

## RF Exposure Statement SAR Exclusion Worksheet

DNB Job Number:	86019	Date:	27 Sep 2017	<b>Conformance Standard</b> 47 CFR 2.1091 (Mobile) 47 CFR 2.1093 (Portable)
Customer:	Orbit Irrigation Products			
Model Number:	WT25 Gen II	FCC ID:	ML6WT25	
Description:	WiFi Transmitter			<b>Guidance Document</b> 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	81
	Minimum test separation distance in mm	50
	Frequency in GHz	2.462
	Threshold calculation =	2.5
	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	81
	Maximum allowed power in Appendix A at specified test distance	96
	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		27 Sep 2017