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Title: OONA22-1W WLAN antenna specification		Revision: A
Prepared by: TKurj		Issue Date: <2020-05-05>

OONA22-1W

WLAN Antenna specification

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1. OONA22-1W WLAN ANTENNA

1. 1. Antenna Type/Model/Brand

- Chip Antennas
 Model: W3006
 Brand: PulseLarsen

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1. 3. Peak Gain

WLAN1 MAIN/BT	2.4GHz			5GHz		
Frequency/MHz	2400	2442	2480	5150-5350	5470-5725	5725-5850
Channel						
Gain (dBi)	1.60	1.90	1.94	1.92	1.83	1.97

WLAN2 AUX	2.4GHz			5GHz		
Frequency/MHz	2400	2442	2480	5150-5350	5470-5725	5725-5850
Channel						
Gain (dBi)	1.01	1.00	1.02	1.74	1.88	1.81

1. 4. Patterns (Middle Ch, Theta/Phi)

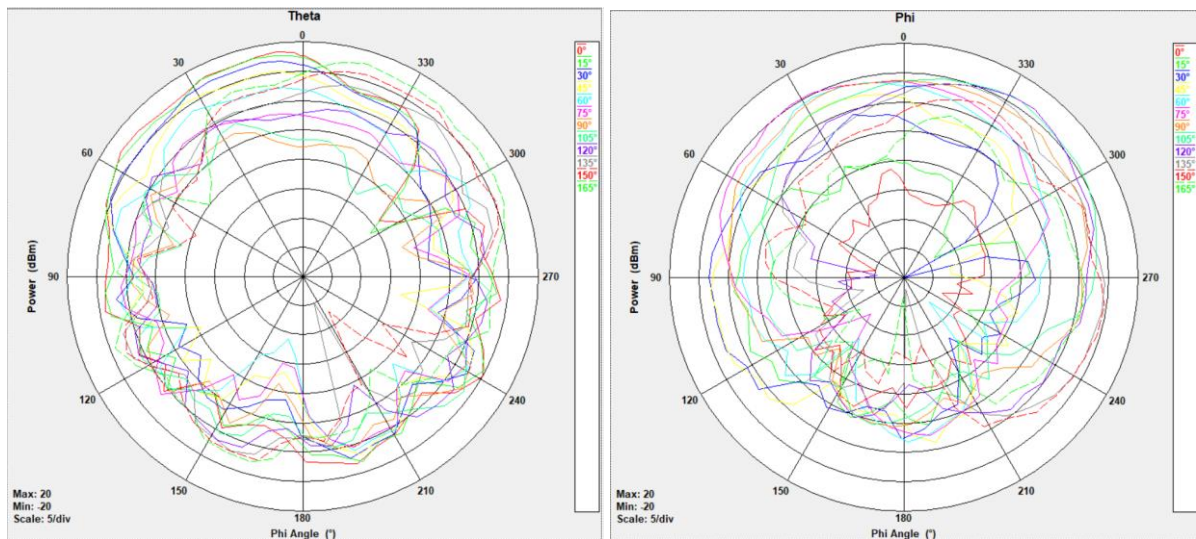


Figure 3. WLAN1 MAIN, 2.4GHz WIFI+BT

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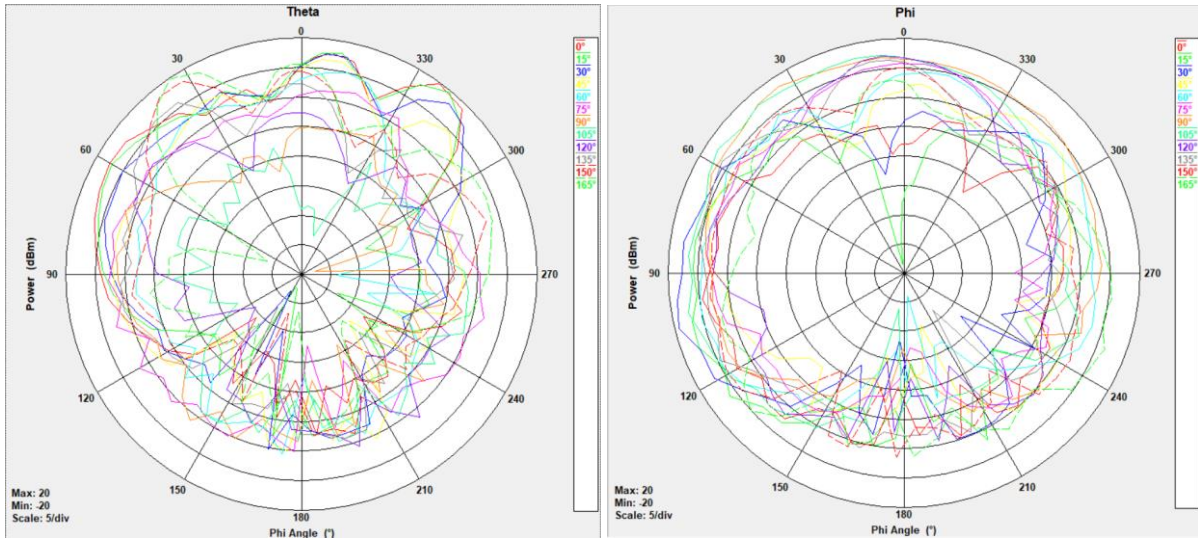


Figure 4. WLAN1 MAIN, 5GHz

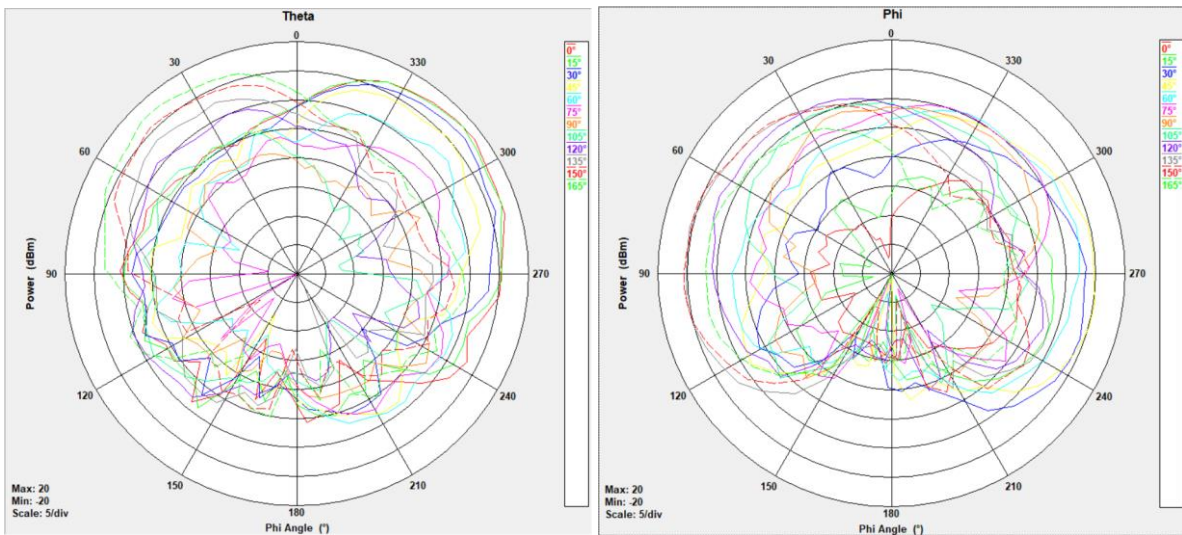


Figure 5. WLAN2 AUX, 2.4GHz

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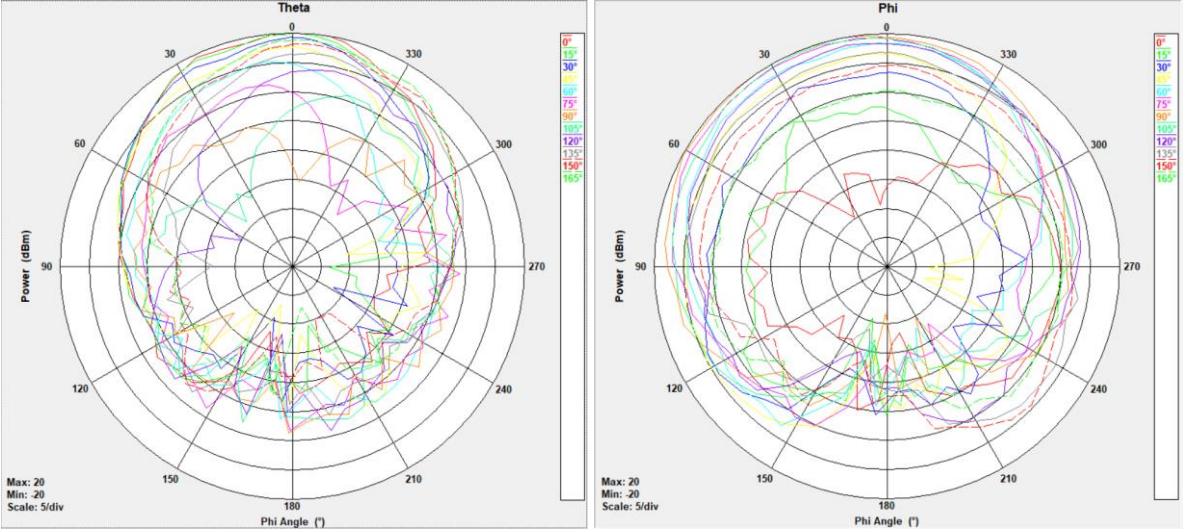


Figure 6. WLAN2 AUX, 5GHz

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Change History

Version (Rev X)	Date (YYYY-MM-DD)	Author	Change Reason or CR No.	Modify Contents and Location
Rev A	2020-04-08	TKurj	First release	
Rev A	2020-05-05	TKurj	Final	

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