

© Aava Mobile Ltd. CONFIDENTIAL	 www.aavamobile.com	Document No:
Title: OONA22-1W WLAN antenna specification	Revision: A	
Prepared by: TKurj	Issue Date: <2020-05-05>	

OONA22-1W

WLAN Antenna specification

<p>© Aava Mobile Ltd. CONFIDENTIAL</p>	 www.aavamobile.com	<p>Document No:</p>
<p>Title: OONA22-1W WLAN antenna specification</p>		<p>Revision: A</p>
<p>Prepared by: TKurj</p>		<p>Issue Date: <2020-05-05></p>

1. INARI10C WLAN ANTENNA..... 3

1. 1. ANTENNA DIMENSIONS AND TYPE 3

1. 2. ANTENNA LOCATIONS 3

1. 3. PEAK GAIN..... 4

1. 4. PATTERNS (MIDDLE CH, THETA/PHI) 4

<p>© Aava Mobile Ltd. CONFIDENTIAL</p>	 <p>www.aavamobile.com</p>	<p>Document No:</p>
<p>Title: OONA22-1W WLAN antenna specification</p>		<p>Revision: A</p>
<p>Prepared by: TKurj</p>		<p>Issue Date: <2020-05-05></p>

1. OONA22-1W WLAN ANTENNA

1. 1. Antenna Type/Model/Brand

- Chip Antennas
Model: W3006
Brand: PulseLarsen

<p>© Aava Mobile Ltd. CONFIDENTIAL</p>	 www.aavamobile.com	<p>Document No:</p>
<p>Title: OONA22-1W WLAN antenna specification</p>		<p>Revision: A</p>
<p>Prepared by: TKurj</p>		<p>Issue Date: <2020-05-05></p>

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)

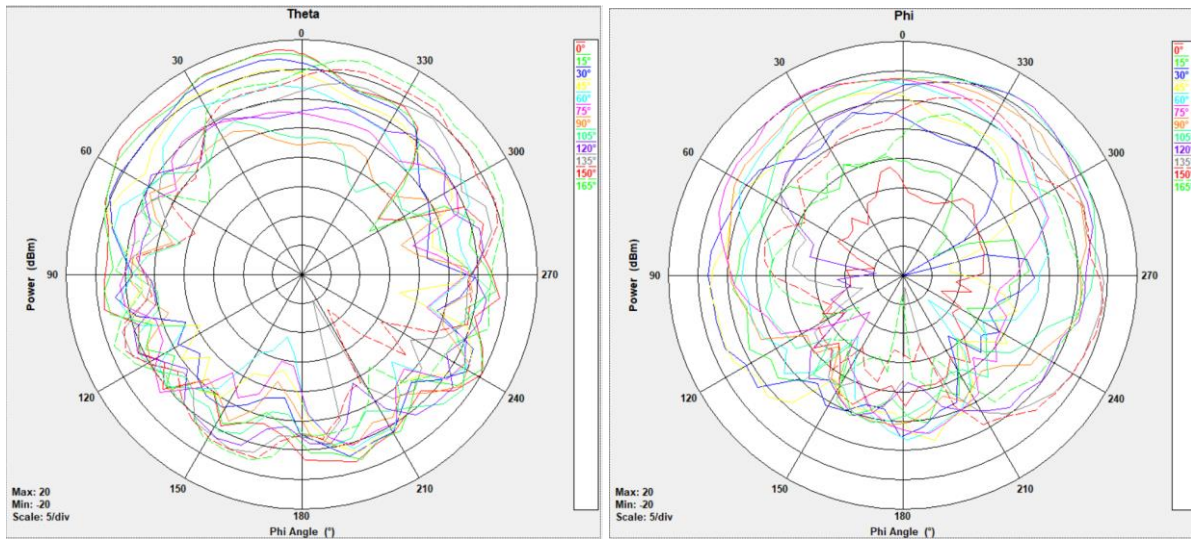


Figure 3. WLAN1 MAIN, 2.4GHz WIFI+BT

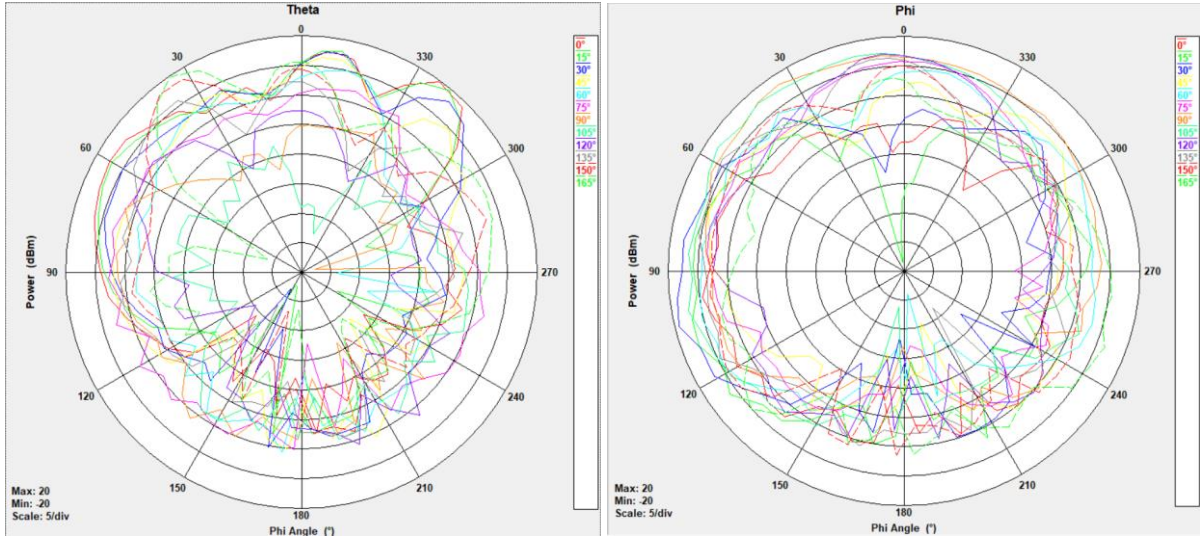


Figure 4. WLAN1 MAIN, 5GHz

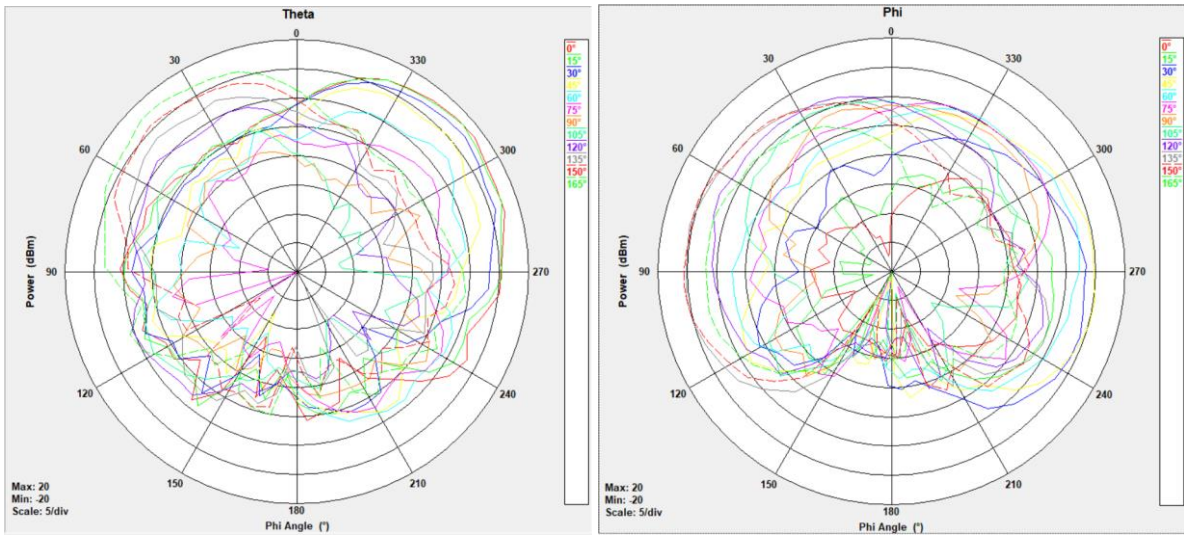


Figure 5. WLAN2 AUX, 2.4GHz

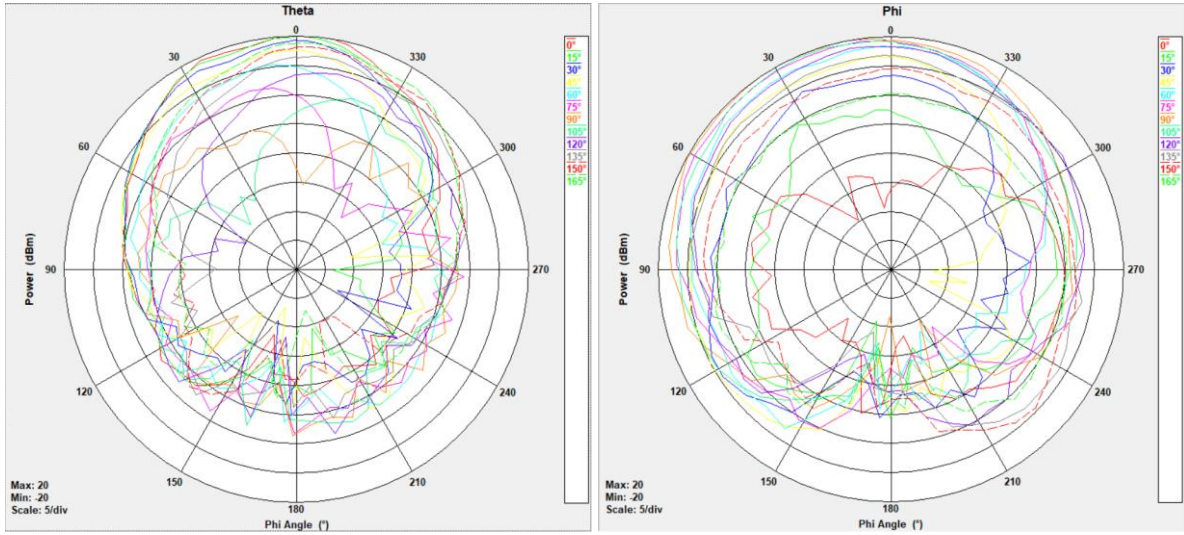


Figure 6. WLAN2 AUX, 5GHz

© Aava Mobile Ltd. CONFIDENTIAL	 www.aavamobile.com	Document No:
Title: OONA22-1W WLAN antenna specification		Revision: A
Prepared by: TKurj		Issue Date: <2020-05-05>

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	

© Aava Mobile Ltd. CONFIDENTIAL	 <small>www.aavamobile.com</small>	Document No:
Title: OONA22-1W WLAN antenna specification		Revision: A
Prepared by: TKurj		Issue Date: <2020-05-05>

Reviewed By

Role	Name
GPM	
R&D Manager	
Chief Engineer	

Approved By

Role	Name	Signature	Date (YYYY-MM-DD)
GPM			