

© Aava Mobile Ltd. CONFIDENTIAL	 www.aavamobile.com	Document No:
Title: Inari8 US antenna specification		Revision: A
Prepared by: <i>TKurj</i>		Issue Date: <2015-01-05>

INARI8 US

Antenna specification

© Aava Mobile Ltd. CONFIDENTIAL	 www.aavamobile.com	Document No:
Title: Inari8 US antenna specification		Revision: A
Prepared by: TKurj		Issue Date: <2015-01-05>

1. MAIN ANTENNA..... 3

1. 1. ANTENNA TYPE..... 3

1. 2. PEAK GAIN..... 3

1. 3. PATTERNS..... 3

2. WLAN ANTENNA 5

2. 1. ANTENNA TYPE..... 5

2. 2. PEAK GAIN..... 5

2. 3. PATTERNS..... 5

© Aava Mobile Ltd. CONFIDENTIAL	 www.aavamobile.com	Document No:
Title: Inari8 US antenna specification		Revision: A
Prepared by: TKurj		Issue Date: <2015-01-05>

1. MAIN ANTENNA

1.1. Antenna Type

- Flexible Antenna

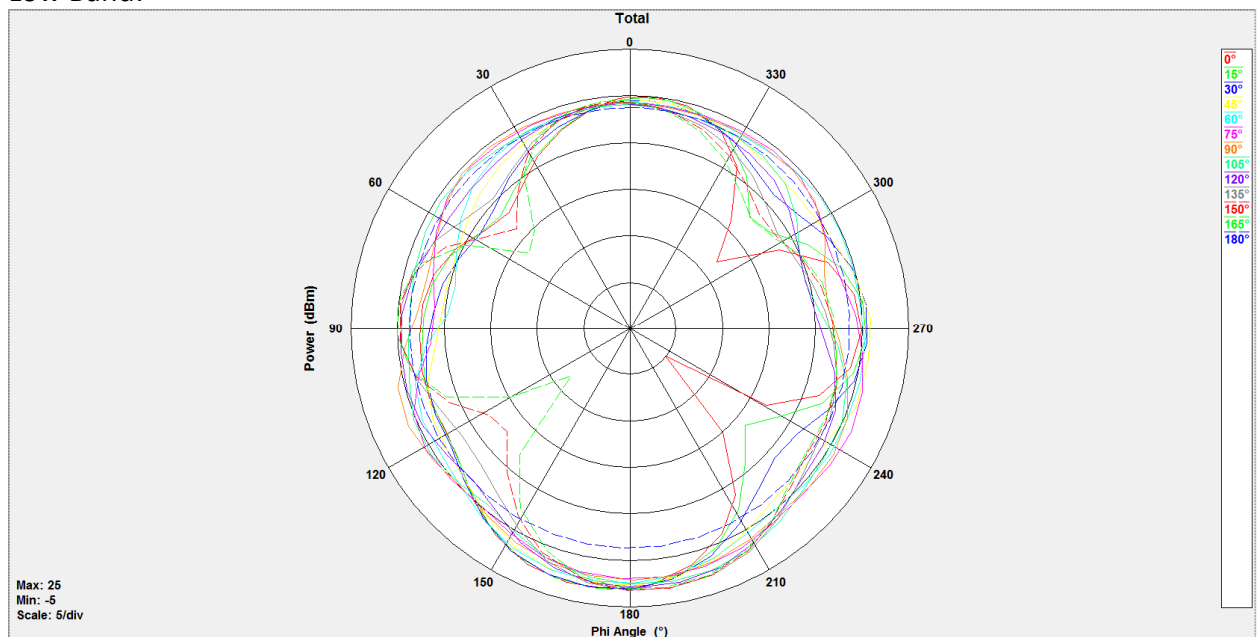
1.2. Peak Gain

	3G														
Band	BAND 5			BAND 8			BAND 4			BAND 2			BAND 1		
Channel	4132	4183	4233	2712	2788	2863	8562	8738	8763	9262	9400	9538	9612	9750	9888
MHz	826.4	836.6	846.6	882.4	897.6	912.6	1712.4	1747.6	1752.6	1852.4	1880	1907.6	1922.4	1950	1977.6
GAIN (dBi)	-0.22	-0.46	-0.65	-0.95	-1.50	-1.62	-0.26	-0.28	-0.33	-1.66	-1.51	-1.62	-2.00	-2.16	-1.96

	LTE														
Band	LTE 17			LTE 13			LTE 5			LTE 4			LTE 2		
Channel	23755	23790	23825	23205	23230	23255	20425	20525	20625	19975	20326	20395	18625	18900	19175
MHz	706.5	710	713.5	779.5	782	784.5	826.5	836.5	846.5	1712.5	1748	1754.5	1852.5	1880	1907.5
GAIN (dBi)	0.05	0.92	0.92	0.97	1.45	2.36	0.10	0.37	0.32	0.29	0.65	1.15	-1.07	-0.62	-0.87

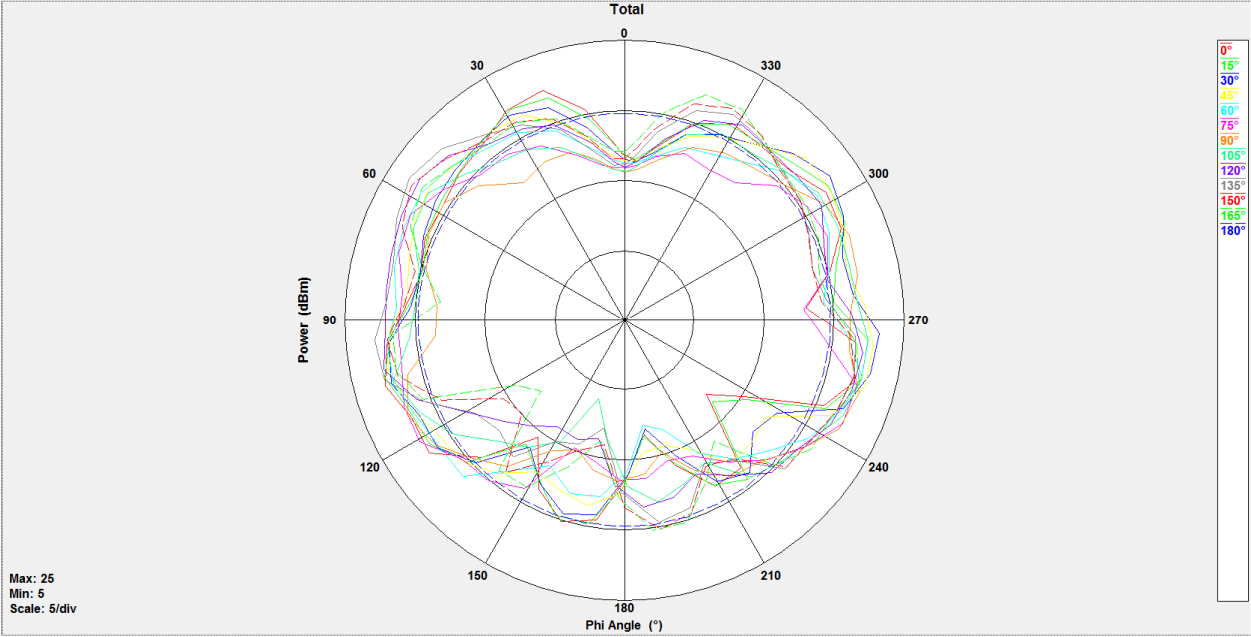
1.3. Patterns

Low Band:



© Aava Mobile Ltd. CONFIDENTIAL	 www.aavamobile.com	Document No:
Title: Inari8 US antenna specification		Revision: A
Prepared by: TKurj		Issue Date: <2015-01-05>

High Band:



© Aava Mobile Ltd. CONFIDENTIAL	 www.aavamobile.com	Document No:
Title: Inari8 US antenna specification		Revision: A
Prepared by: TKurj		Issue Date: <2015-01-05>

2. WLAN ANTENNA

2.1. Antenna Type

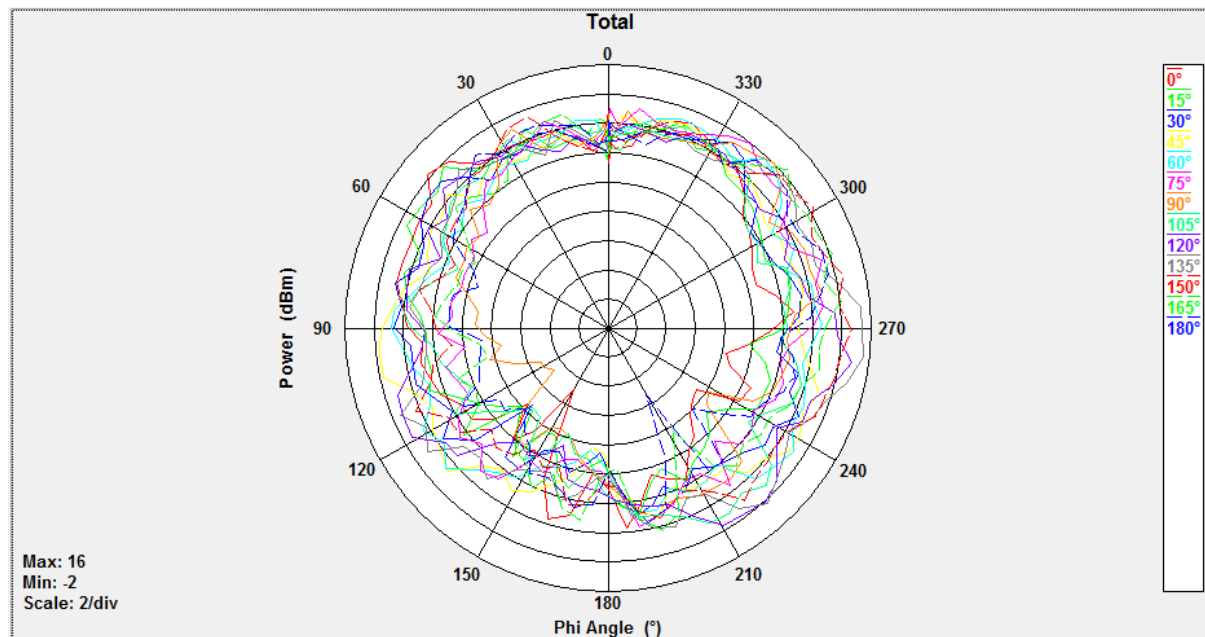
- Ceramic Antenna

2.2. Peak Gain

Band Channel MHz	2.4GHz			5GHz		
	1	7	13	36	100	140
MHz	2412	2442	2472	5180	5500	5700
GAIN (dBi)	1.13	1.90	1.73	1.31	1.42	-0.82

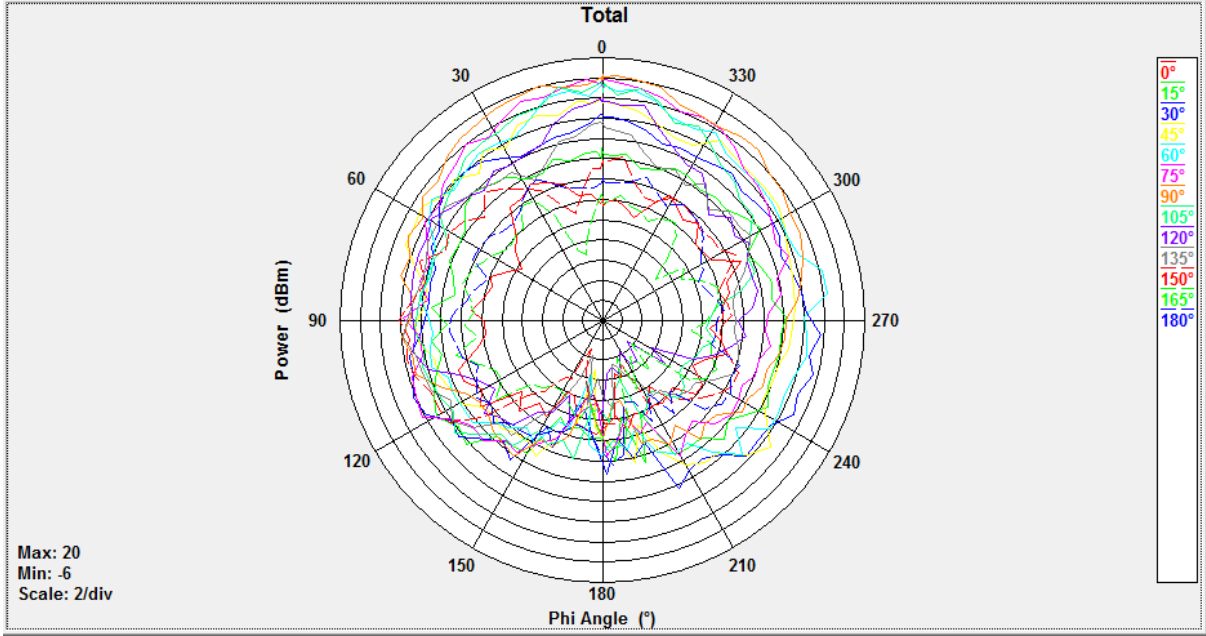
2.3. Patterns

2.4GHz:



© Aava Mobile Ltd. CONFIDENTIAL	 www.aavamobile.com	Document No:
Title: Inari8 US antenna specification	Revision: A	
Prepared by: TKurj	Issue Date: <2015-01-05>	

5GHz:



© Aava Mobile Ltd. CONFIDENTIAL	 www.aavamobile.com	Document No:
Title: Inari8 US antenna specification		Revision: A
Prepared by: TKurj		Issue Date: <2015-01-05>

Change History

Version (Rev X)	Date (YYYY-MM-DD)	Author	Change Reason or CR No.	Modify Contents and Location
Rev A	2014-01-05	TKurj	First release	

© Aava Mobile Ltd. CONFIDENTIAL	 www.aavamobile.com	Document No:
Title: Inari8 US antenna specification		Revision: A
Prepared by: TKurj		Issue Date: <2015-01-05>

Reviewed By

Role	Name
GPM	
R&D Manager	
Chief Engineer	

Approved By

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