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Title: Inari10 antenna specification		Revision: A
Prepared by: TKurj		Issue Date: <2014-08-23>

INARI10

Antenna specification

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1. MAIN ANTENNA

1.1. Antenna Type

- Flexible Antenna

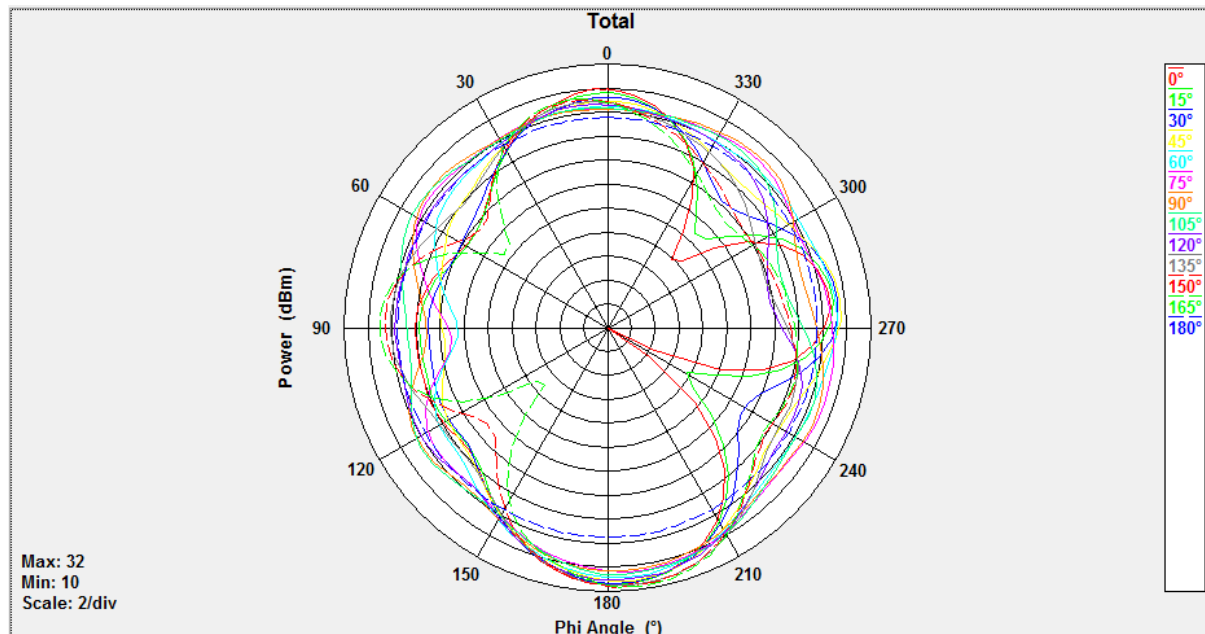
1.2. Peak Gain

	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)	-1.08	-0.31	0.40	1.08	1.65	1.77	2.34	1.84	1.60	1.14	0.53	0.53	0.11	0.08	0.12

	LTE																	
Band	LTE 17			LTE 13			LTE 5			LTE 8			LTE 1			LTE 7		
Channel	23755	23790	23825	23205	23230	23255	20425	20525	20625	21475	21625	21775	18025	18300	18575	20775	21100	21425
MHz	706.5	710	713.5	779.5	782	784.5	826.5	836.5	846.5	882.5	897.5	912.5	1922.5	1950	1977.5	2502.5	2535	2567.5
GAIN (dBi)	-3.68	-2.44	-3.37	-1.52	-1.50	-1.97	-0.86	0.00	0.68	1.34	1.90	2.18	0.82	0.34	0.02	1.38	2.08	2.09

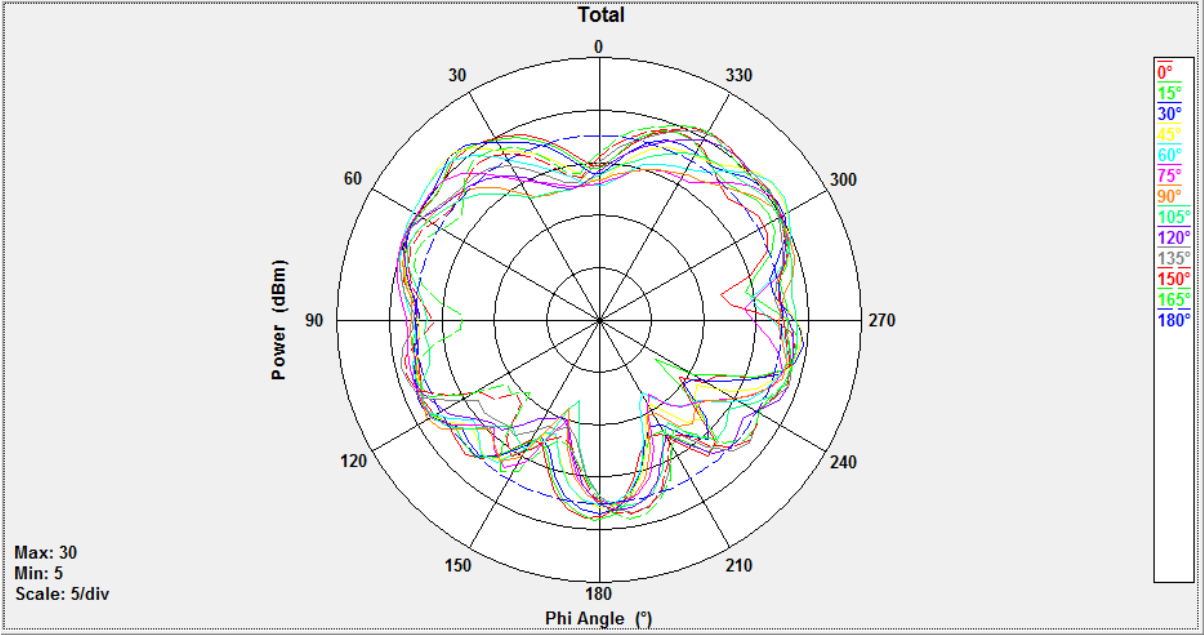
1.3. Patterns

Low Band:



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High Band:



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2. WLAN ANTENNA

2.1. Antenna Type

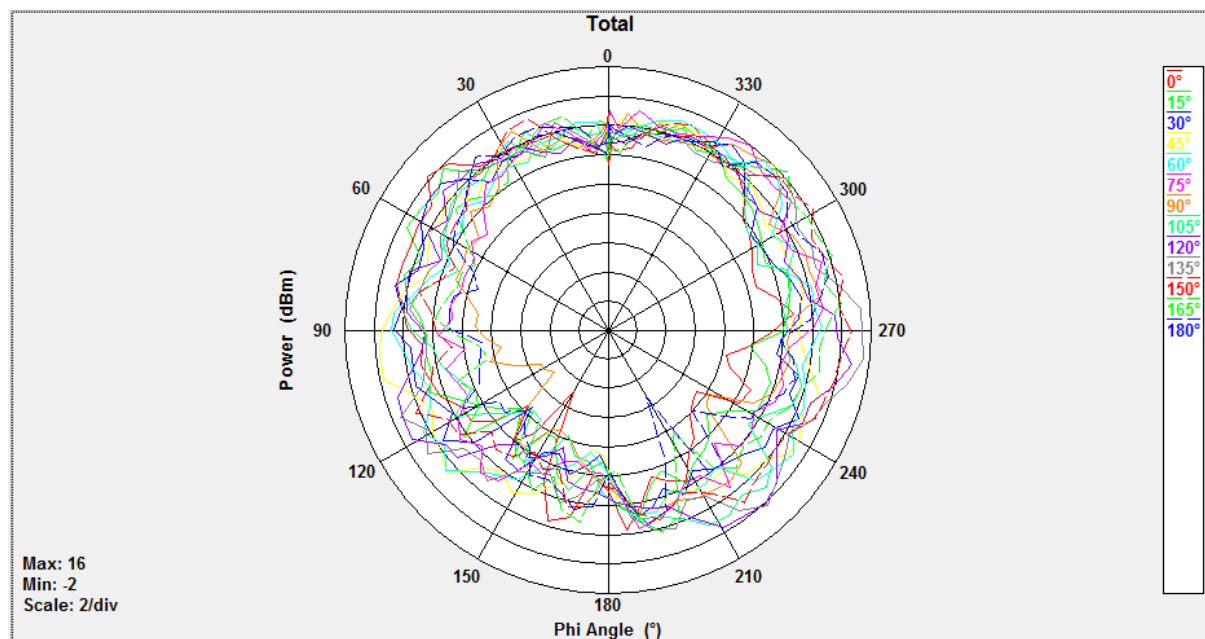
- Ceramic Antenna

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:



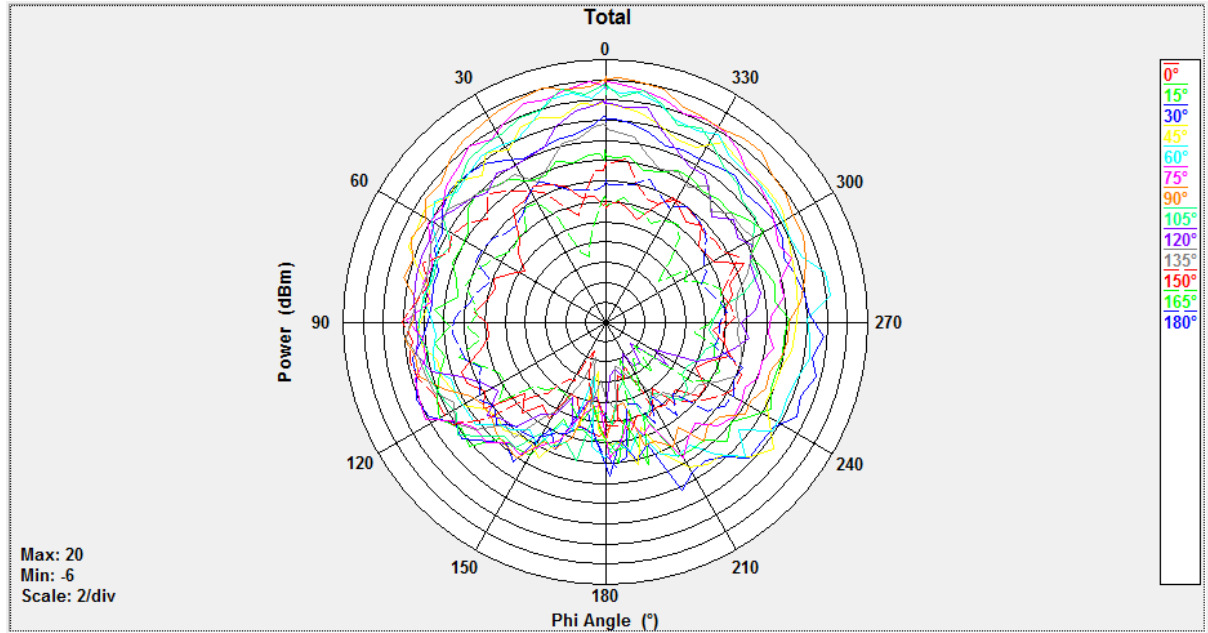
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5GHz:



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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	2014-08-23	TKurj	First release	

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Reviewed By

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GPM	
R&D Manager	
Chief Engineer	

Approved By

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