



WN8522D2
_Antenna Regulatory report.
__Version 1.6

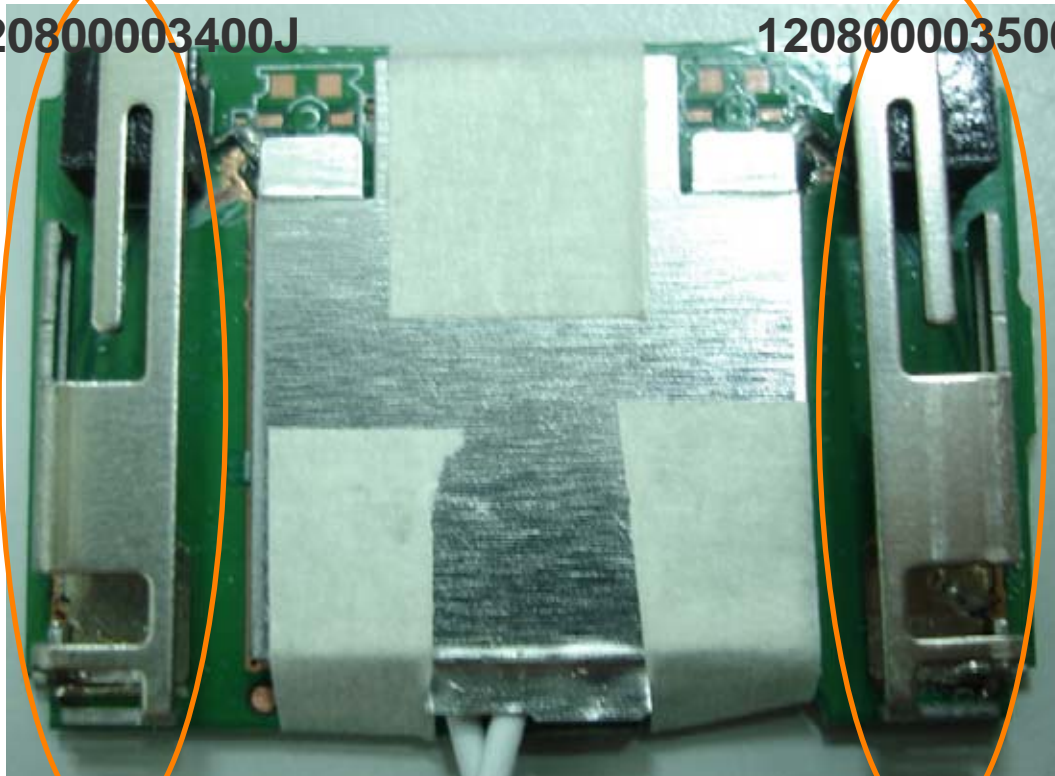
Bensb_Wang
Oct 05,2010

Ant_L:

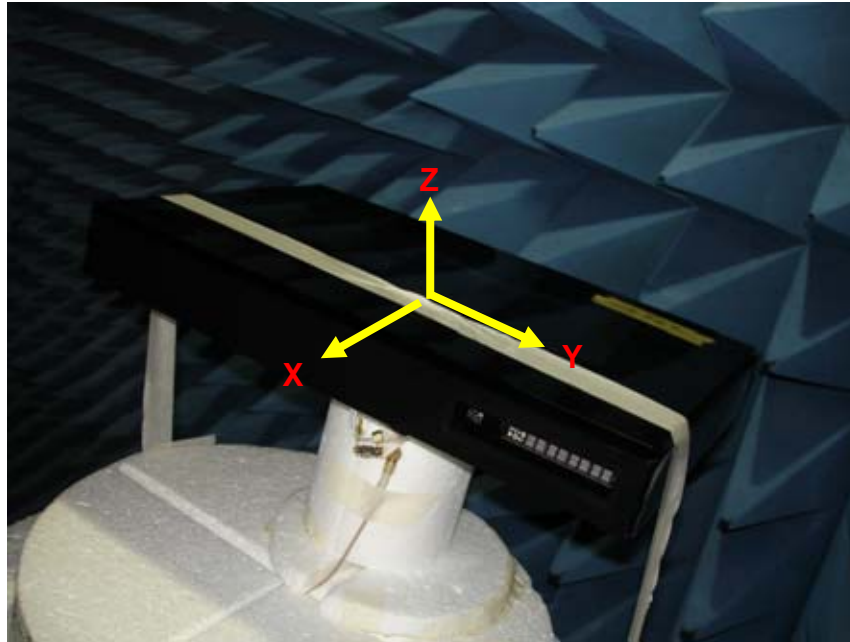
120800003400J

Ant_R:

120800003500J

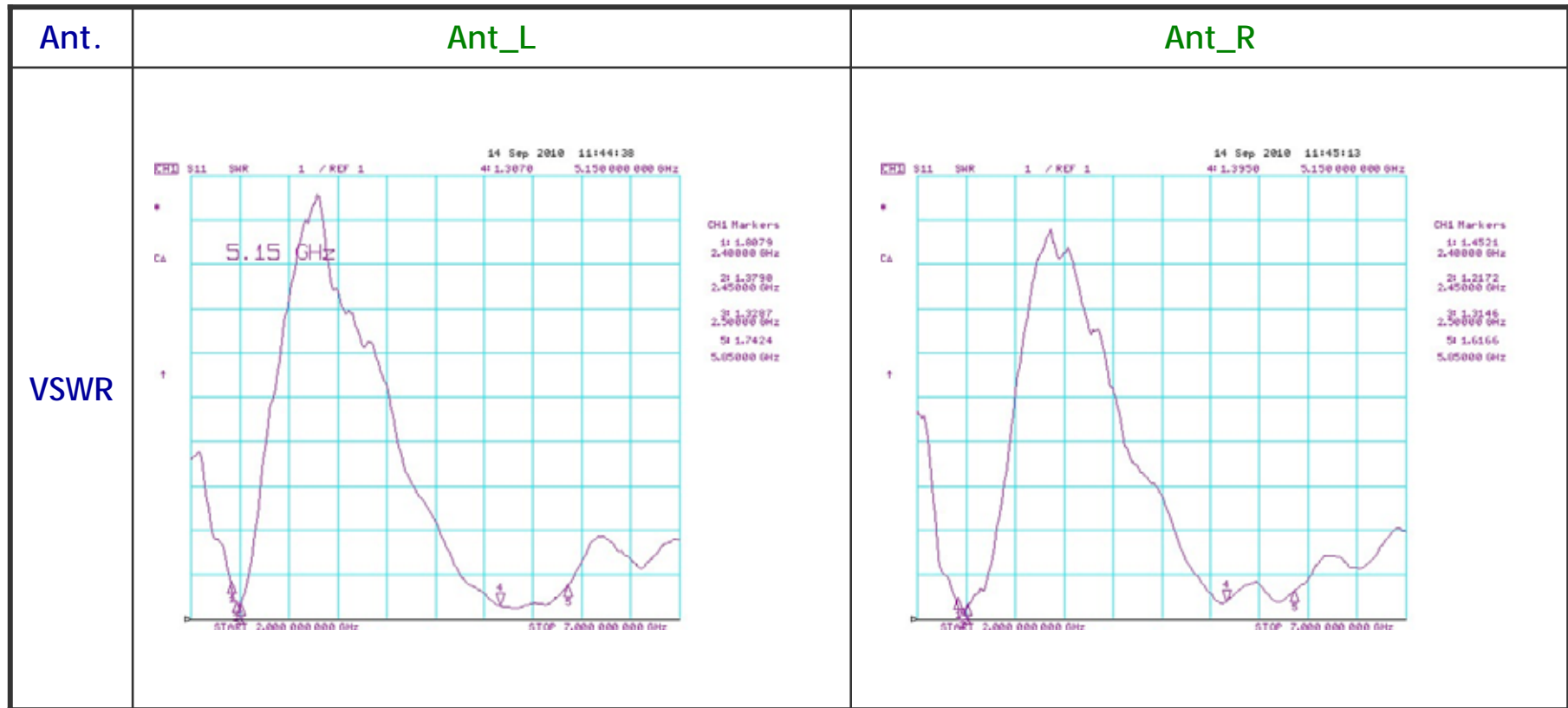


■ Setup - HB966

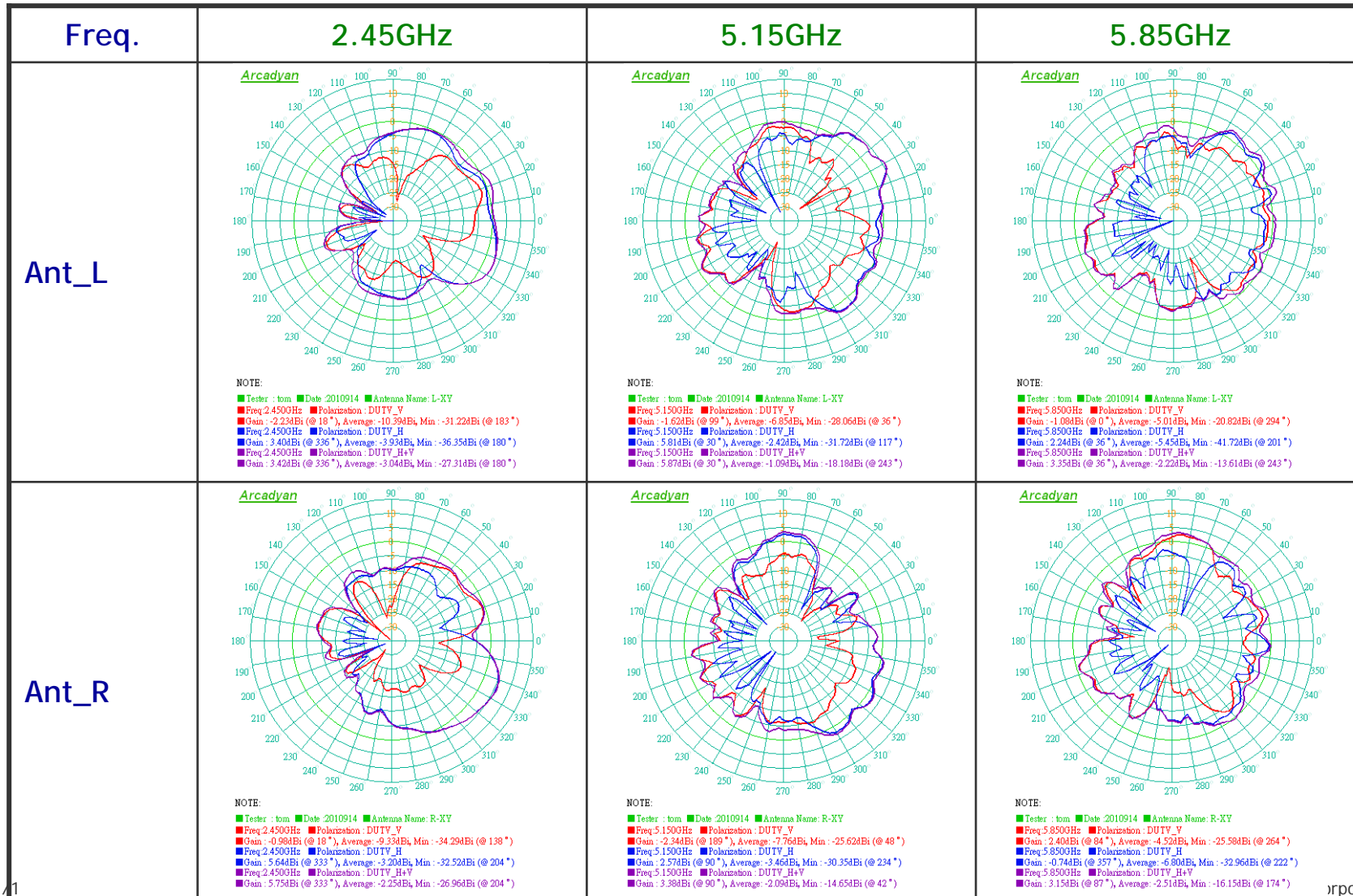


- Antenna Type :MIFA. (Cut-pin) (120800003400J/120800003500J)
- Antenna Dimension : L28mmXW5.7mmXH5mm.
- Cable Type : 1.37+I-PEX Connector.
- Simulation Case: HB966.

■ Antenna VSWR



Antenna Radiation Pattern X-Y Plane



Arcadyan R0A Antenna Radiation Average Gain Table

* HB966_cut-pin

Ant_L	Frequency(GHz)	2.4	2.45	2.5	5.15	5.25	5.35	5.47	5.725	5.825	5.85	5.875	
Set Up	XY	Peak Gain.(dBi)	0.97	1.25	0.94	1.73	1.89	1.52	1.77	1.54	1.44	1.45	1.65
		Avg. Gain.(dBi)	-2.54	-3.14	-4.03	-3.78	-3.33	-3.76	-2.01	-2.03	-2.73	-2.68	-2.73

Ant_R	Frequency(GHz)	2.4	2.45	2.5	5.15	5.25	5.35	5.47	5.725	5.825	5.85	5.875	
Set Up	XY	Peak Gain.(dBi)	1.24	1.35	1.64	1.19	1.78	1.64	1.16	0.91	1.62	1.27	1.75
		Avg. Gain.(dBi)	-2.37	-2.34	-2.64	-4.59	-3.78	-3.41	-2.51	-3.73	-3.99	-3.63	-3.59