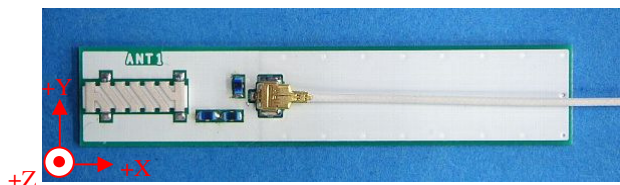


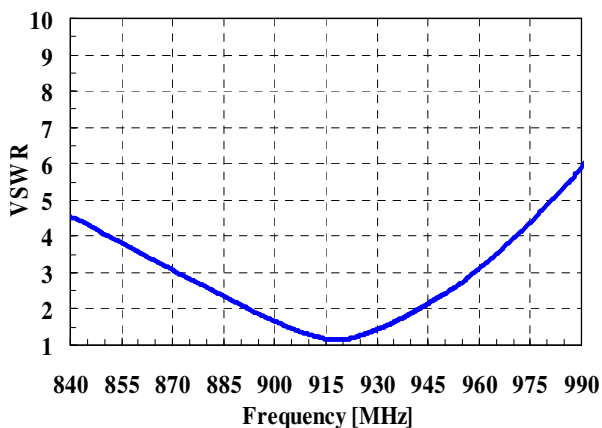
- UB14CP-100ST01 アンテナユニット特性データ(920MHz) (旧シリーズ名:AUM1103 シリーズ)
- UB14CP-100ST01 antenna unit characteristics data(920MHz) (Old series number:AUM1103 series)



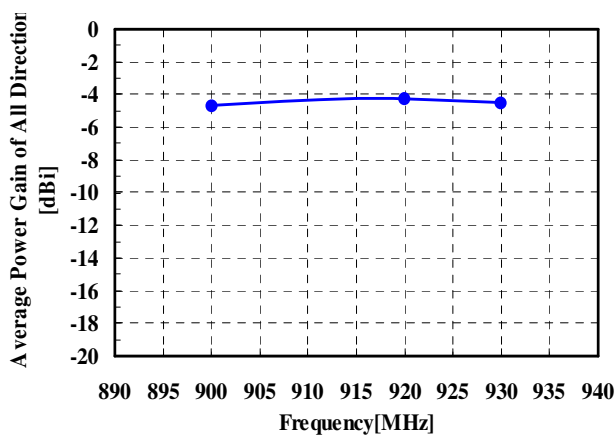
< 図 1. アンテナユニット 外観 >
< Fig. 1. Antenna unit >

- ・チップアンテナ Chip antenna: AM11DG-ST01
- ・基板サイズ Board size: 50mm × 10mm × 3.5mm
- ・ケーブル長さ Cable length: 100mm
- ・レセプタクルコネクタ Receptacle connector : 20279-001E-01 (アイペックス製)

< VSWR 特性及び放射特性(920MHz) >
< VSWR & Radiation characteristics(920MHz) >

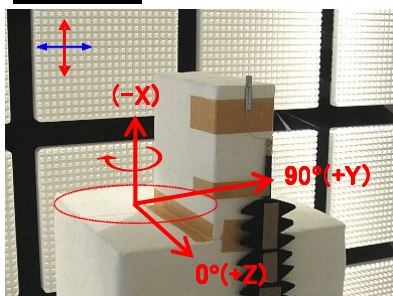


< 図 2. VSWR 特性 >
< Fig. 2. VSWR characteristics >

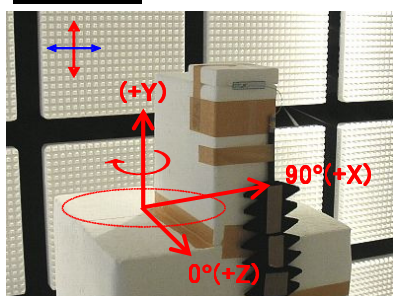


< 図 3. 平均電力利得の周波数特性 >
< Fig. 3. Dependency of a frequency on 3 plane mean power gain >

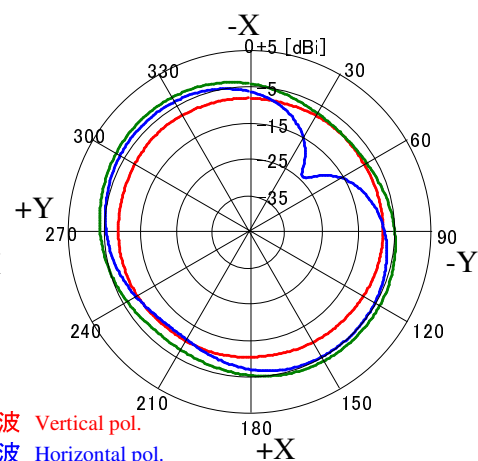
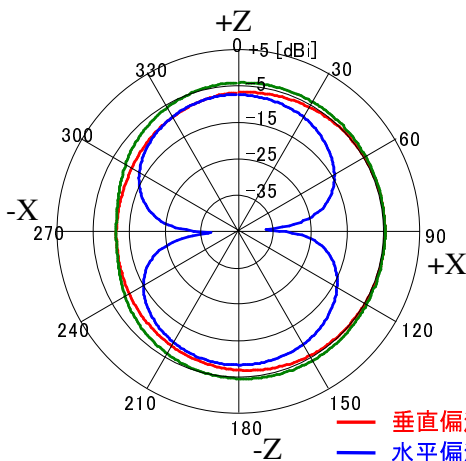
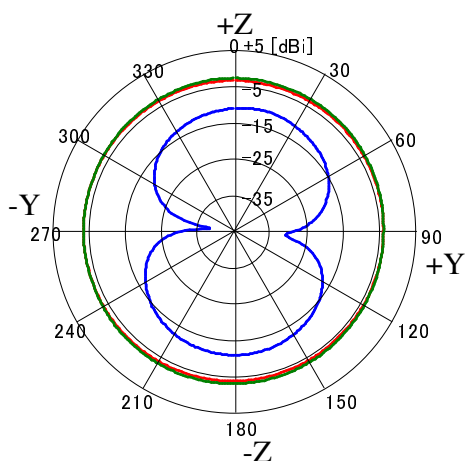
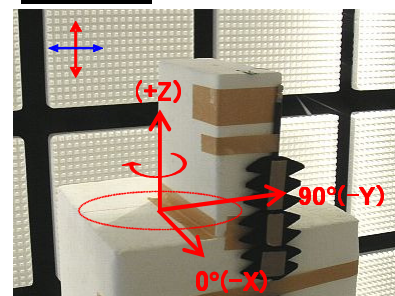
YZ Plane



ZX Plane



XY Plane



Polarization	YZ Plane		ZX Plane		XY Plane		3 面平均利得 3 plane total [dBi]
	Ave.	Max.	Ave.	Max.	Ave.	Max.	
垂直偏波 Vertical pol. [dBi]	-6.8	-4.6	-3.6	-3.1	-8.8	-7.7	-
水平偏波 Horizontal pol. [dBi]	-10.8	-7.4	-13.9	-10.7	-6.5	-3.2	-
利得 Power gain [dBi]	-5.3	-3.8	-3.2	-2.6	-4.5	-1.8	-4.2

< 図 4. 920MHz 3 面平均利得 一覧 >
< Fig. 4. 920MHz Gain in each measurement plane >