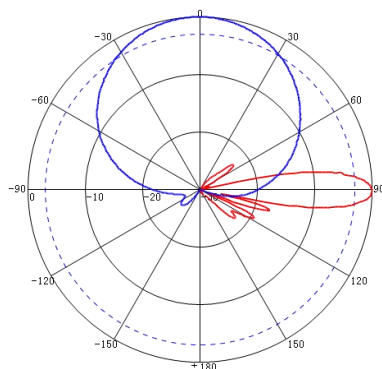
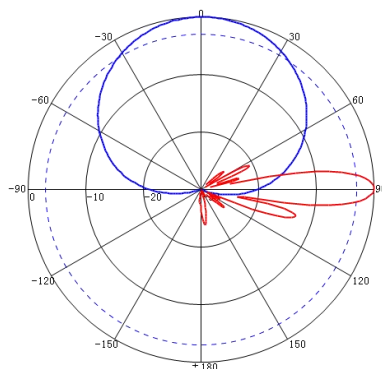
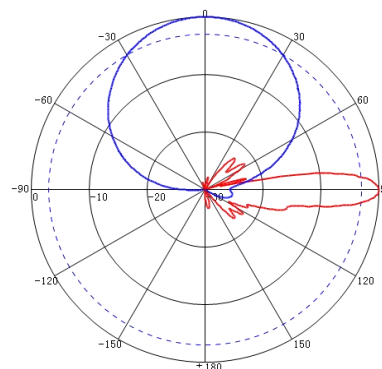


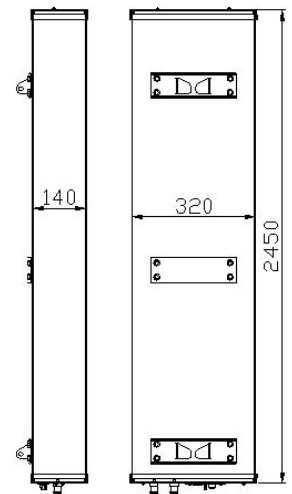
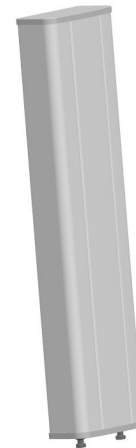
**KBT****XPol, 698-960MHz 65° 18dBi 0-10°****Integrated RET (Remote Control Unit) Antenna****KB65D0709A2-18-I****Electrical specifications**

Frequency range (MHz)	698-960		
	698-824	790-896	880-960
Polarization	$\pm 45^\circ$		
Gain (dBi)	16.3	17	17.2
Electrical Downtilt (°)	0-10		
Horizontal power beam width (°)	65 $\pm$ 3	63 $\pm$ 3	60 $\pm$ 3
Vertical power beam width (°)	9.5 $\pm$ 1	8.5 $\pm$ 1	8 $\pm$ 0.5
Front-to-back ratio (dB)	≥ 25		
1st Upper sidelobe suppression(dB)	≥ 15		
Cross-polar discrimination (dB)	≥ 15		
Isolation (dB)	28		
Impedance (Ω)	50		
VSWR	≤ 1.5		
Intermodulation IM3 (dBm)	$\leq -107(2*43\text{dBm carrier})$		
Maximum power (W)	300(at 50℃)		
Lighting protection	DC Grounding		

Mechanical specifications

Connector	2*4.3-10 Female
Connector position	Bottom
Height/width/depth (mm)	2450*320*140
Packing size (mm)	2700*410*265
Antenna Weight (Kg)	18.5
Bracket weight(Kg)	4
Radome material	Fiberglass/Gray
Mechanical tilt(°)	0-10
Operating temperature (°C)	-40 to +60
Rated wind velocity (km/h)	200
Suitable pole diameter (mm)	$\Phi 50$ - $\Phi 115$
Mounting kit	JM-900DZA
Electrical downtilt adjustment	Integrated RET
RET model	KRCU20D

698-824MHz: $\pm 45^\circ$ Pol.**790-896MHz: $\pm 45^\circ$ Pol.****880-960MHz: $\pm 45^\circ$ Pol.**

**KBT****XPoI, 698-960MHz 65° 18dBi 0-10°****Integrated RET (Remote Control Unit) Antenna****Connector Position****Outline Drawing**

Installation Sketch

