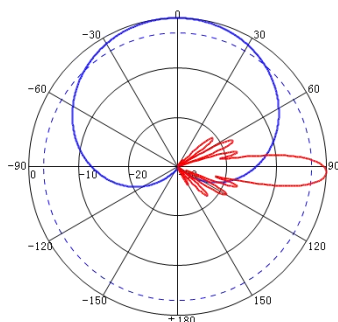
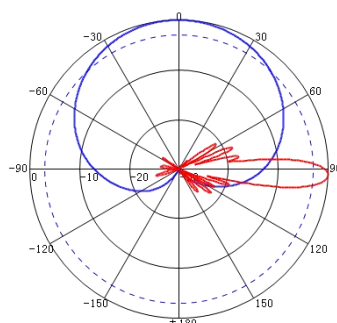
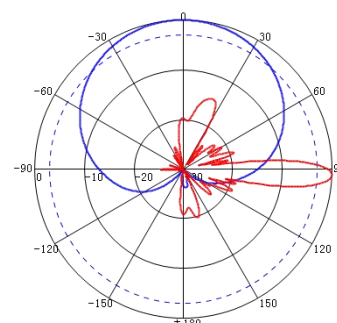


**KBT****XPol 698-960MHz 90°17dBi 2-12°****Integrated RET(Remote Control Unit) Antenna****KBT90DP17-0709AE-I****Electrical specifications**

Frequency range (MHz)	698-960		
	698-806	790-896	880-960
Polarization	$\pm 45^\circ$		
Gain (dBi)	15.5 ± 0.5	16 ± 0.5	16.4 ± 0.4
Electrical downtilt ($^\circ$)	2-12		
Horizontal power beam width ($^\circ$)	88 ± 5		
Vertical power beam width ($^\circ$)	9.8 ± 0.8	8.7 ± 0.6	7.9 ± 0.5
1st Upper sidelobe suppression(dB)	≥ 15		
Front-to-back ratio (dB)	$\geq 23(180 \pm 30^\circ)$		
Cross-polar discrimination (dB)	$\geq 15 (\pm 60 \geq 10)$		
Isolation (dB)	≥ 26		
Impedance (Ω)	50		
VSWR	< 1.5		
Intermodulation IM3 (dBc)	$\leq -150 (2 \times 43 \text{dBm carrier})$		
Maximum power (W)	300		
Ground protection	DC Grounding		

Mechanical specifications

Connector	2*4.3-10 Female
Connector position	Bottom
Height/width/depth (mm)	2200*270*137
Packing size (mm)	2430*340*235
Antenna weight (kg)	16.5
Bracket weight(Kg)	4
Radome material and color	UPVC/Gray
Mechanical tilt($^\circ$)	0-10
Operating temperature ($^\circ\text{C}$)	-40 to +60
Rated wind velocity (m/s)	60
Wind Load @150km/h Front /Rear/ Side	828 / 976 / 420
Suitable pole diameter (mm)	$\Phi 50$ - $\Phi 115$
Mounting kit	JM-900DZA
RET Model	KRCU20D
RET Type	Integrated RET, Replaceable

Typical Pattern**698-806MHz: $\pm 45^\circ$ Pol.****790-896MHz: $\pm 45^\circ$ Pol.****880-960MHz: $\pm 45^\circ$ Pol**

**KBT****XPol 698-960MHz 90°17dBi 2-12°****Integrated RET(Remote Control Unit) Antenna****Appearance View**

Installation Sketch

