

# Log-periodic antenna for Spectrum Compact

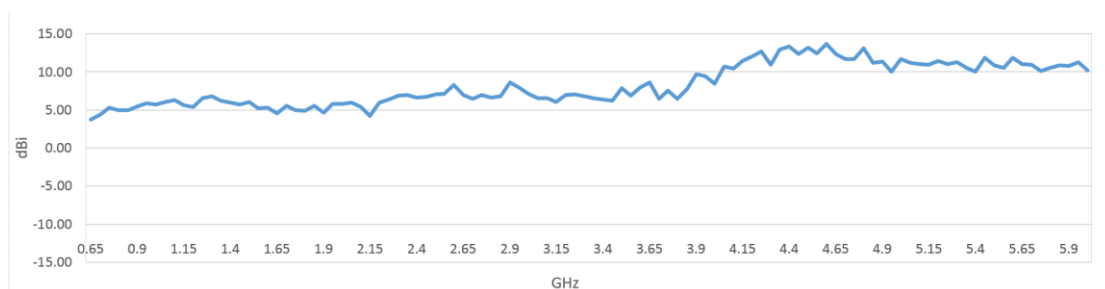


Compact, lightweight and reliable ultra-wideband log-periodic antenna 650MHz-6GHz has been designed to cover major 2G/3G/4G, 5G FR1, ISM, Wi-Fi frequencies. With using Spectrum Compact this antenna is suitable for indoor and outdoor testing. It comes with a SMA (F) connector, 20mm compass and with handheld pistol miniature tripod.

## Electrical and mechanical specifications

P/N	JOAA0606LP01
Frequency range, GHz	0.650-6.000
Peak Gain, dBi	13.7
Average Gain, dBi	8.3
VSWR typical	< 1:2.5
Nominal impedance	50 $\Omega$
Dimensions, mm/inch	293 x 209 x 27/11.5 x 8.2 x 1
Net weight, g/oz	350/12.3
Connector	SMA (F)
Matching Spectrum Compact unit	JOSSAP33, JOSSAP55, JOSSAP10

Gain curve (typ.)



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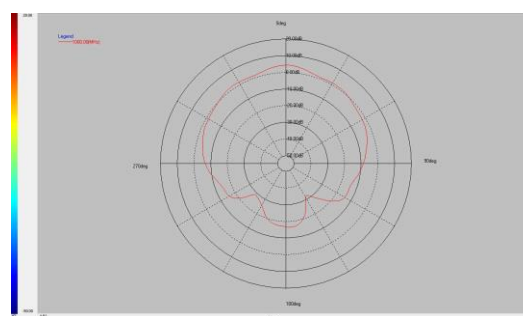
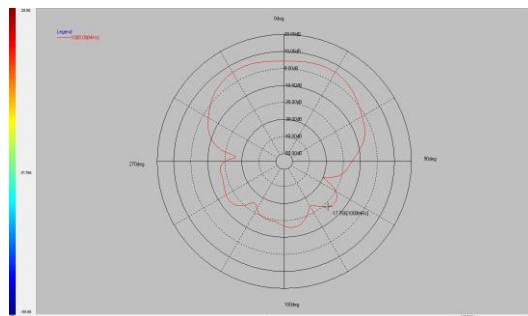
## Radiation patterns

Ph  $i=0$

1 GHz

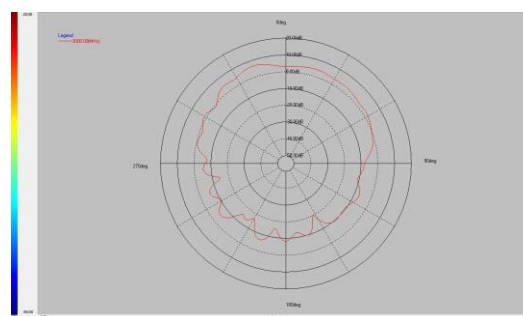
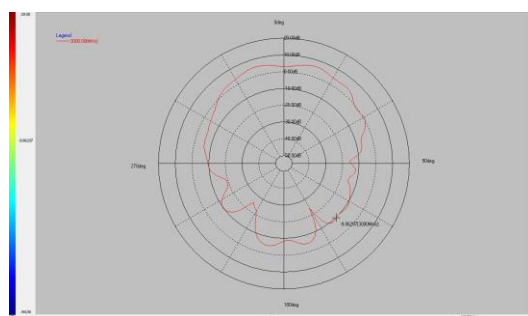
Ph  $i=90$

1 GHz



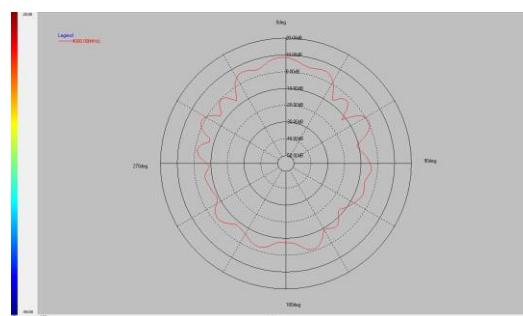
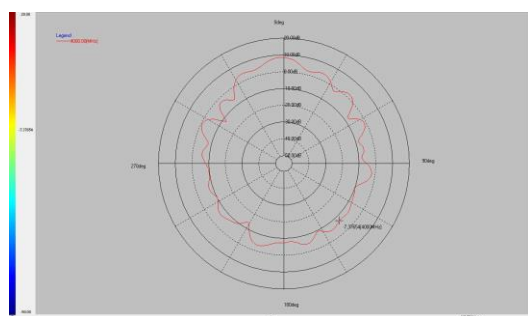
3 GHz

3 GHz



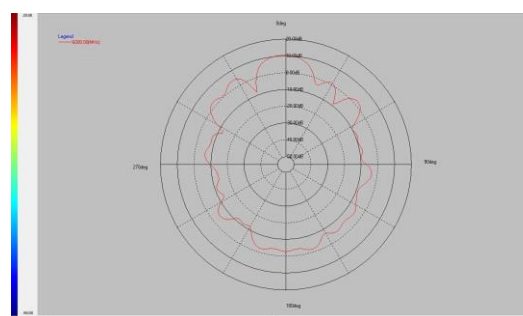
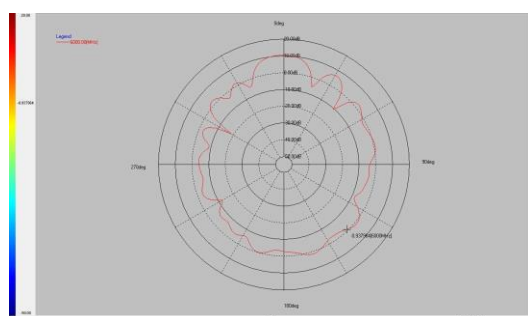
4 GHz

4 GHz



6 GHz

6 GHz



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