



Timer RF

2A8X810019108

F2P27922

Approved antennas list:

<i>Manufacturer</i>	<i>Antenna</i>	<i>Description</i>	<i>Type</i>	<i>Peak Gain (dBi)</i>	<i>Min Cable loss (dB)</i>	Ω	<i>Connector Type</i>	<i>Notes</i>
Total Product Solutions BV	Nordic Chip Nrf905	Dipole PCB antenna	Dipole PCB antenna	-7	0	73	n/a	1

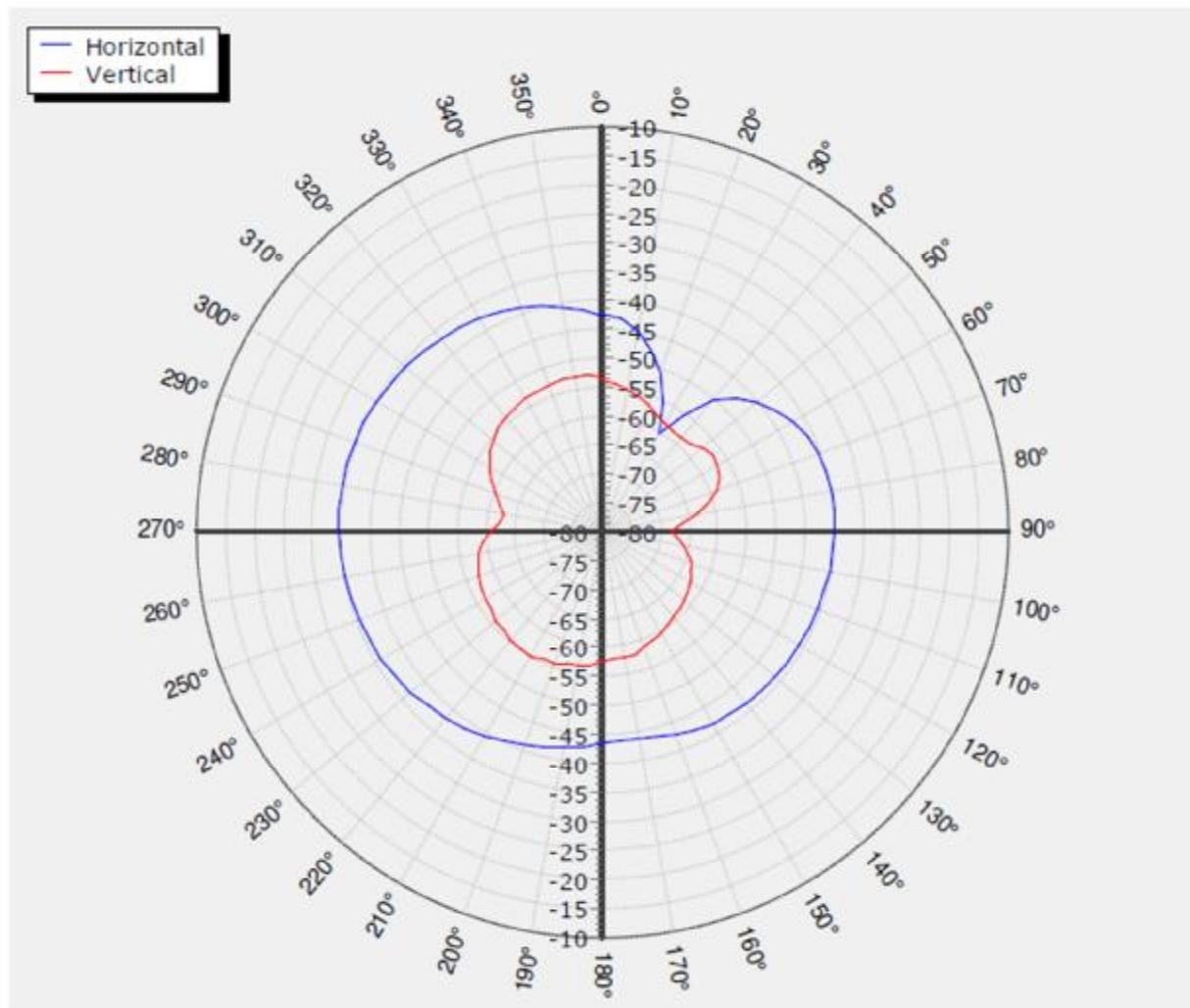
Notes:

1 Exact resistance is matched to be the complex conjugate of the RF chip complex output impedance.

RFZA Timer Antenna pattern plot

Submitted for F2P27922

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10019108

Notes:

- Peak transmission power is at 270 degrees horizontal polarization.
- The graph value (-35) has a +38 dB offset. The actual value is +3 dB
- The Nordic chip output power is 10dBm with 4dB spread according to the datasheet
- The actual gain is -7 dBi