



DUAL POLARIZED HORN ANTENNA

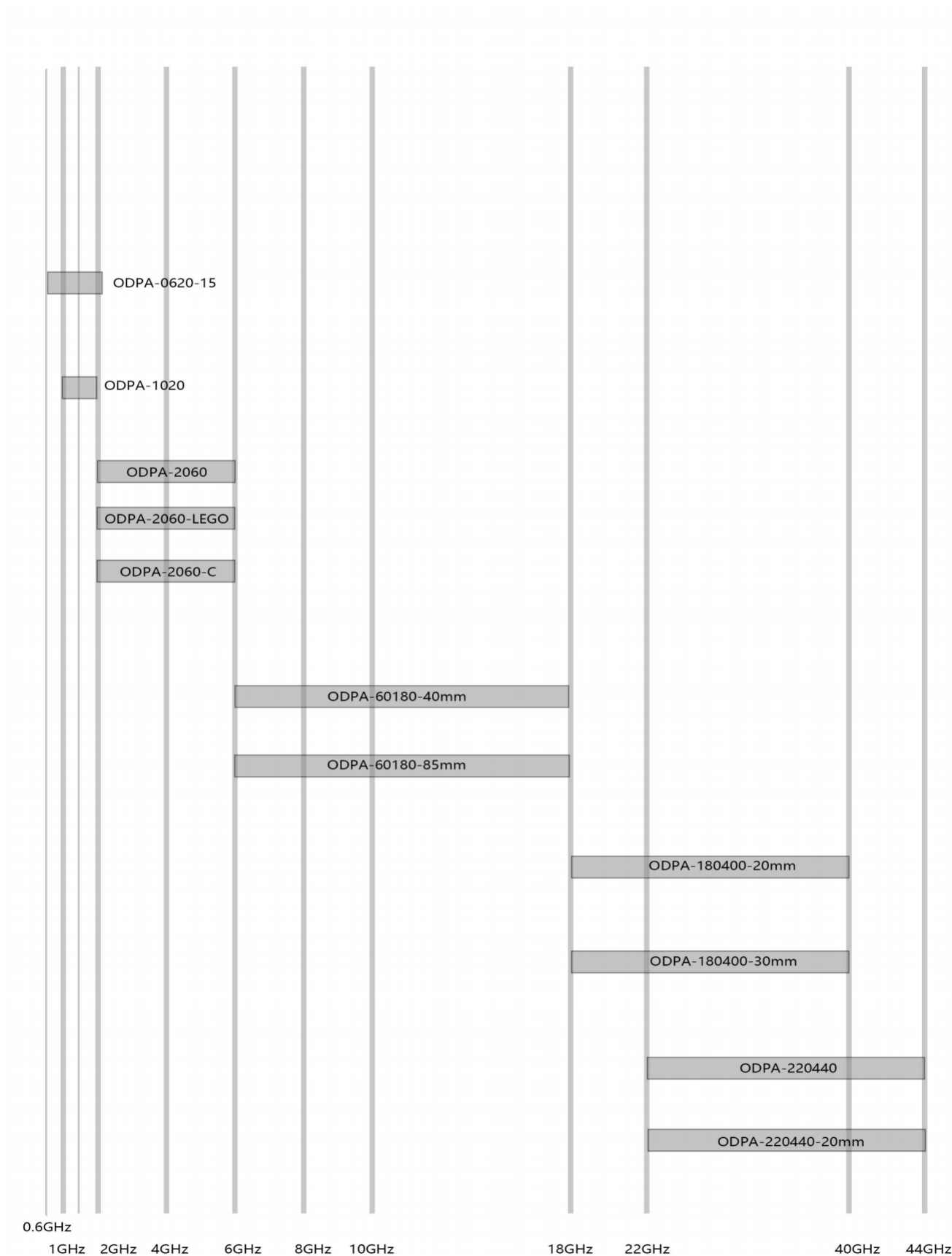
0.6GHz to 44GHz

Frequency ranges from 600MHz to 44GHz

Better structure stability and easy to use for antenna array applications and gives better accuracy in RCS system

All antennas are calibrated according to CISPR16-1-6-2017 and ANSI C63.5-2017 standard

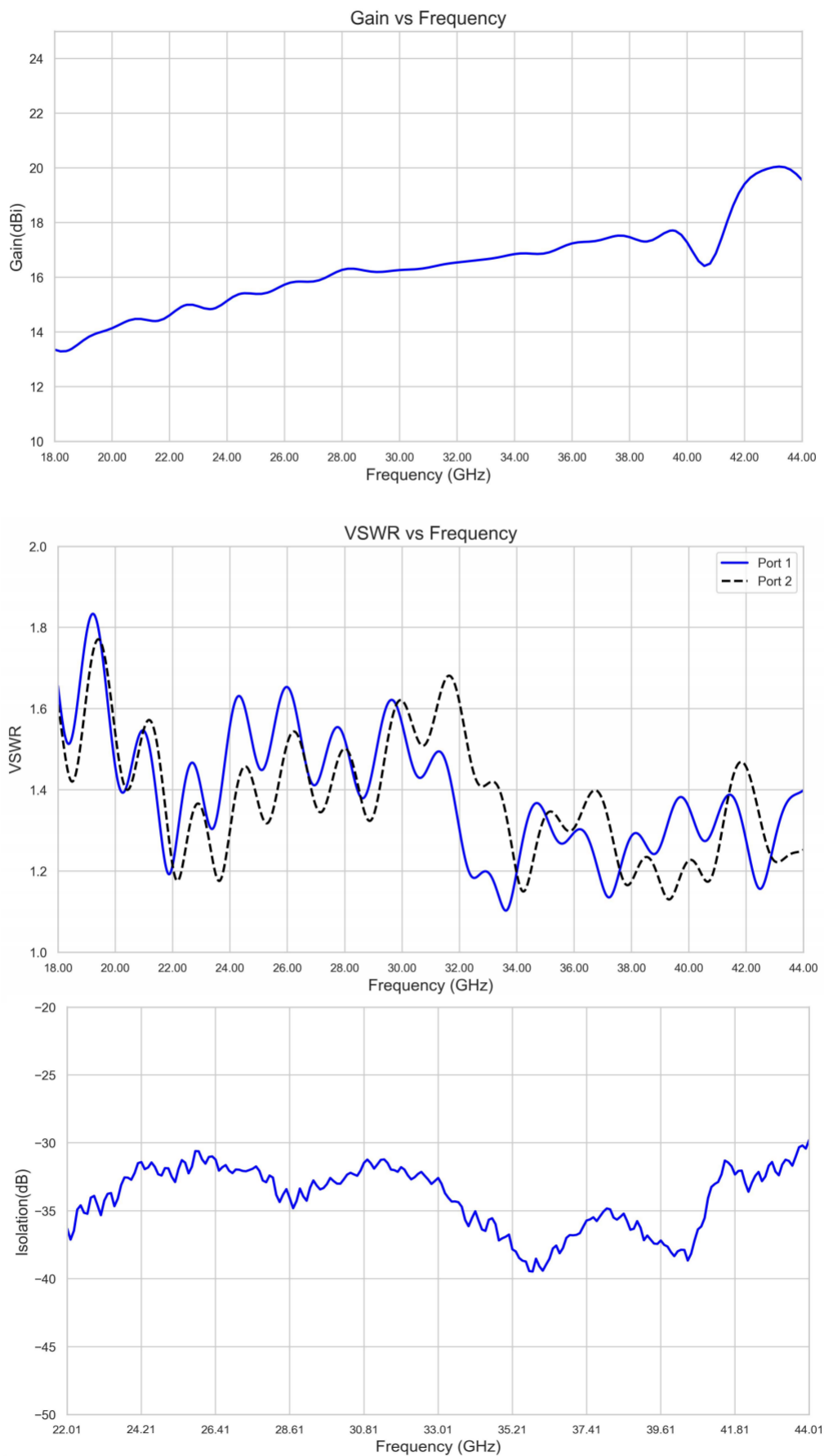
Dual Polarized Horn Antenna also known as Quad ridged Horn Antenna with dual linear polarized is characterized by high gain and symmetric beam. The antenna is fabricated from a single piece of copper, making the ridges of the antenna crosses at an ideal 90 degrees. The antenna's cross-polarization isolation is lower than -30dB. The antenna with low cross-polarization properties usually uses as radar cross-section (RCS) antenna arrays. This antenna is also used as the Compact Antenna Test Range (CATR) or as a satellite reflector antenna's feed antenna.





SKU	Frequency (GHz)	Gain (dBi)	Connector	Cross Polar Isolation (dB) Typ.	Material
ODPA-0620-15	0.6-2	11-18	2- N-Type	-30	Al
ODPA-1020	1-2	14-17	2 - SMA	-30	Al
ODPA-2060	2-6	15-15	2 - SMA	-30	Al
ODPA-2060-LEGO	2-6	1.5-7.5	2 - SMA	-30	Al
ODPA-2060-C	2-6	14-17	2 - SMA	-30	Al
ODPA-60180-40mm	6-18	8-15.6	2 -2.92mm	-30	Cu
ODPA-60180-85mm	6-18	12-17	2 - SMA	-30	Al
ODPA-60180-C	6-18	11-16	2 - SMA	-30	Cu
ODPA-180400-20mm	18-40	11-17	2 - 2.92mm	-30	Cu
ODPA-180400-30mm	18-40	13-18	2 - 2.92mm	-30	Cu
ODPA-220440	22-44	11-17	2 - 2.4mm	-30	Cu
ODPA-220440-20MM	22-44	15-20	2 - 2.4mm	-30	Cu

Typical Calibration Data



Note: RFecho and its affiliates reserve the right to make changes to the product(s) information without notice. For additional data sheets and product information.

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