

1. General

Kunde : Mimes <https://www.mimestech.no/>
Runar Mæland
Figgenveien 36
4332 Figgjo

Målinger med radom i polykarbonat.

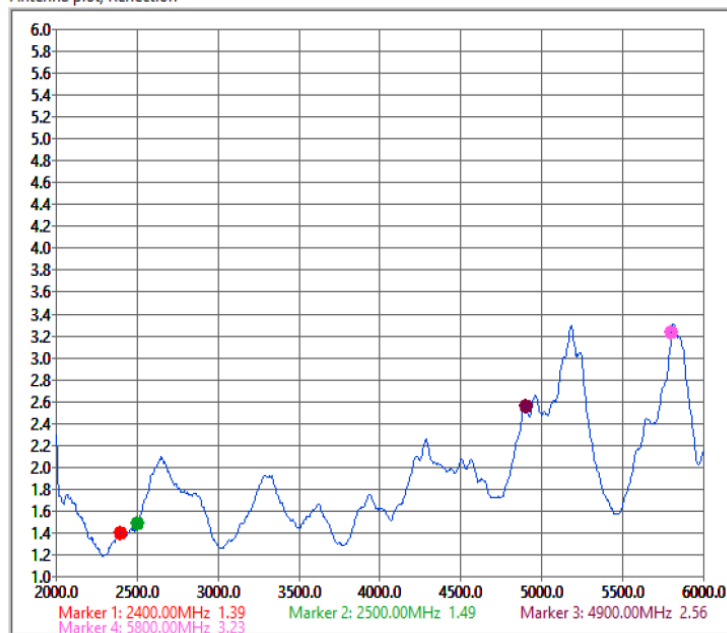
Frequency band: 2.4-2.5GHz & 5.15-5.35GHz (4.9-5.8GHz & 3.3-3.8GHz)
Gain: 0 to 4dbi (radom og innstøping kan påvirke gain)
Impedanse: 50 ohm



Test report - Mimes		Product UHF2458G		COMROD Reaching further	
Distribution level: STRICTLY CONFIDENTIAL	Art. no.:	Document no.:	Issue 0	Date 5.4.2022	Author vb

2. VSWR

Antenna plot, Reflection



UHF2458G Rev 0

Med radom

Application

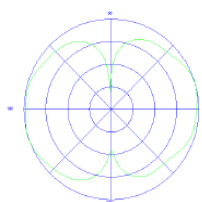
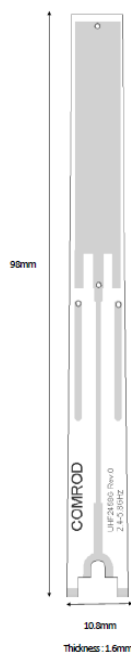
Broadband antenna element for multiband WLAN design and tuned for being fitted inside a custom radome.

Electrical specification

Frequency range	2400-5800 MHz
Nominal impedance	50 ohm
Power rating	5 W
Gain	0 to 4dBi
Pattern	Horizontal plane: Omnidirectional Vertical plane: Typical dipole pattern, see below

Mechanical specification

Design	Coaxial dipole made on a 1.6mm FR-4 PCB.
Weight	3 g
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F



Typical radiation pattern