

Antenna Spec. Sheet – RFRTx068C0Ax

Alias: V300 2.1" (CC2340)

Device Configuration

Device Type:	<i>ESL</i>
Model Code:	<i>EDG5-0210-A</i>
PCBA:	<i>RFRTx068C0Ax</i>
Housing:	<i>G2 Assembly_All 2.1_2022 03 02.STEP</i>

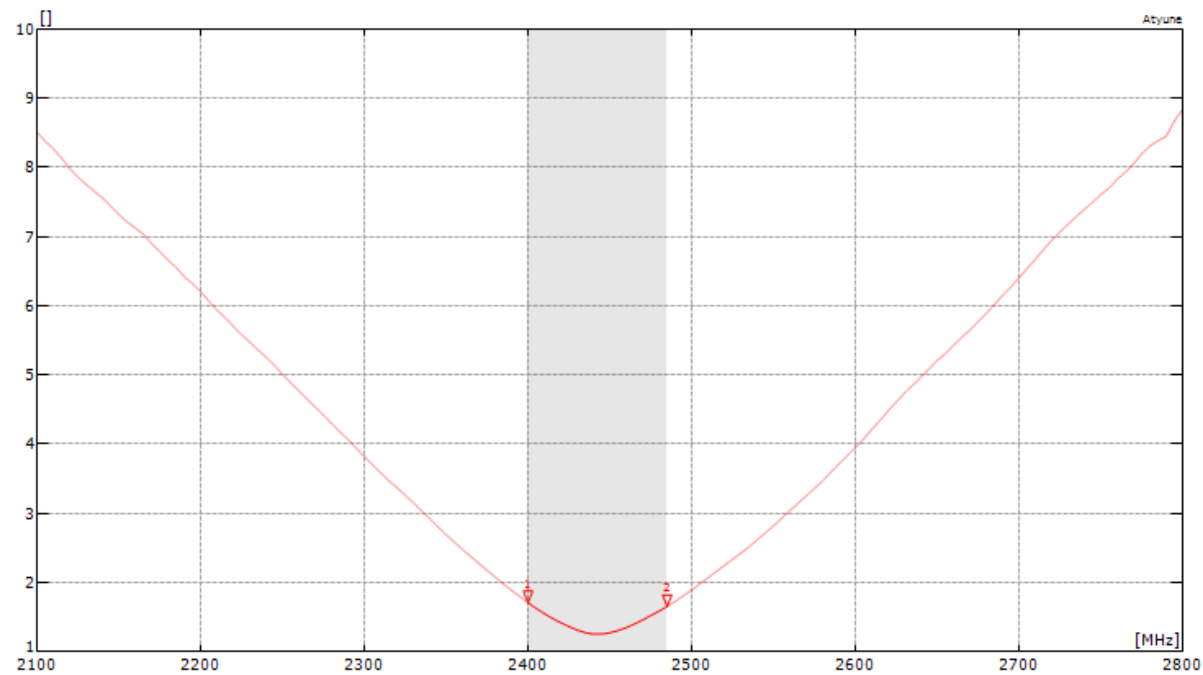
Antenna Specification

Brand:	<i>SESimagotag</i>
Antenna Type:	<i>Inverted-F (PCB-Antenna)</i>
Impedance:	<i>50R (incl. matching network)</i>
Polarization:	<i>Linear</i>
Frequency Band:	<i>2.4GHz - 2.5GHz</i>
Bandwidth (2:1 VSWR):	<i>120MHz</i>

Antenna Gain

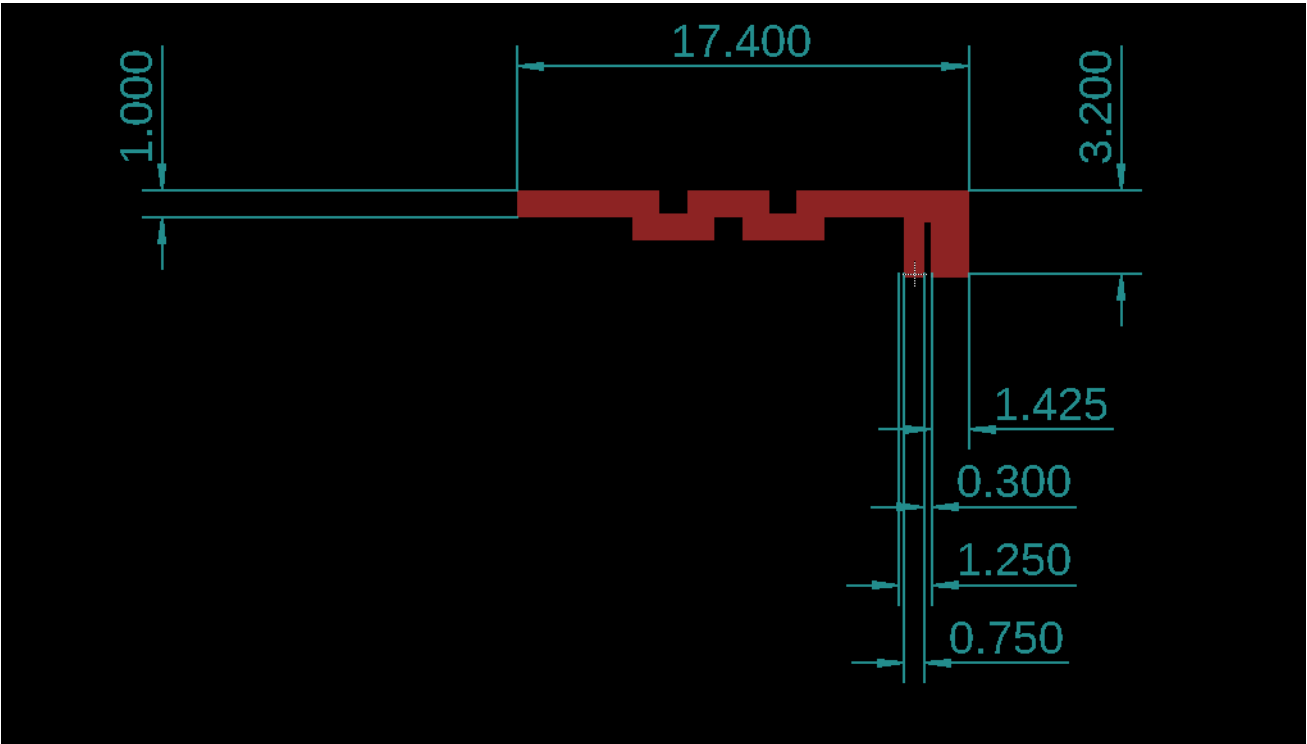
Maximum Gain derived from EIRP and conducted measurement (measured in TÜV Austria)		Maximum Gain (dBi)		
Test Conditions		CH 0 (2404,053 MHz)	CH 4 (2441,844 MHz)	CH 10 (2479,285 MHz)
T _{nom} 23 °C	V _{nom} (3)V	-3,17	-2,97	-2,57

VSWR



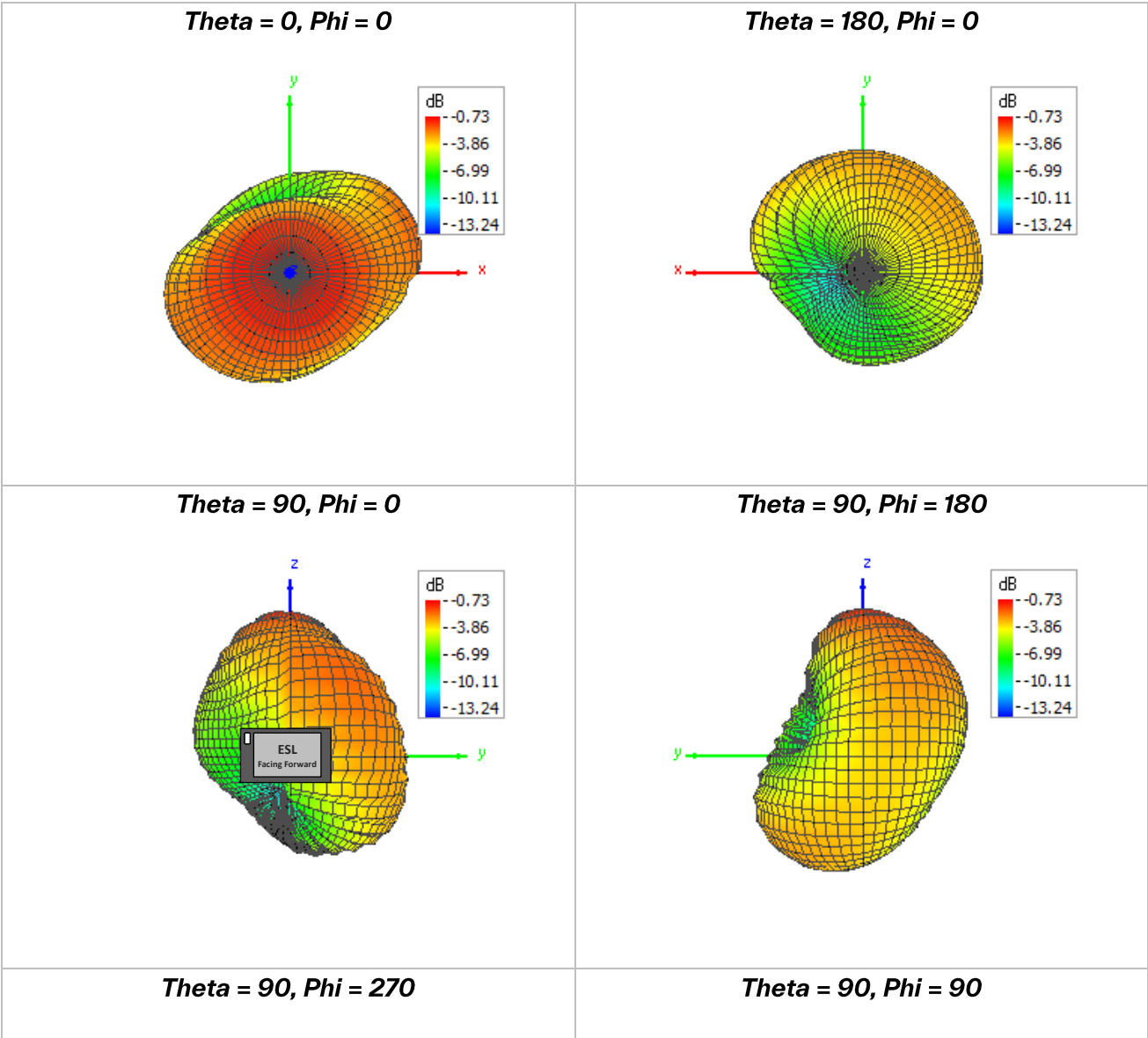
Antenna Dimensions

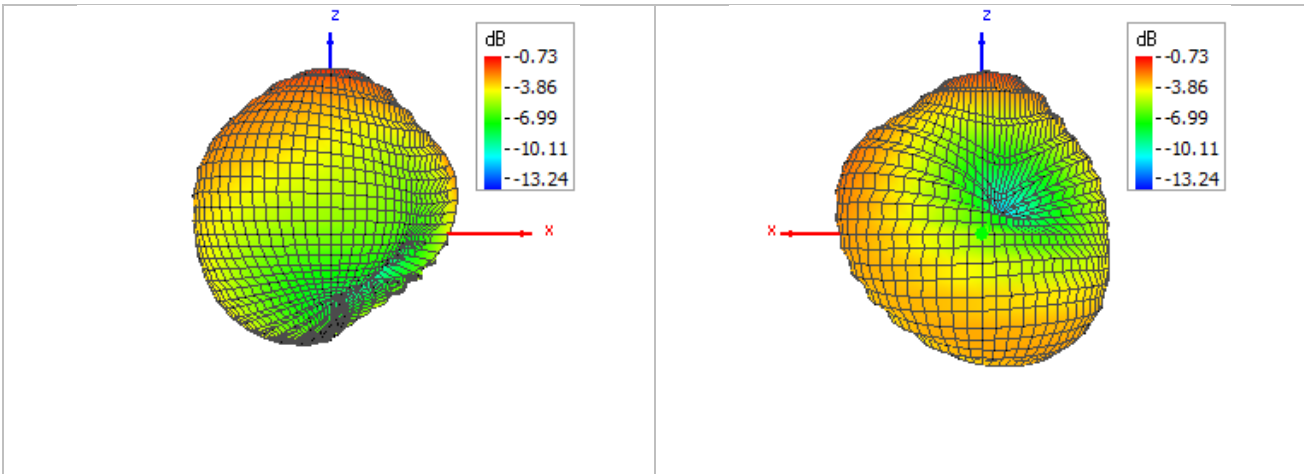
All dimensions in [mm]



Antenna Pattern

Frequency:	2.422 GHz	Housing Config.:	Transp. Front Open + LED
Env. Temperature:	Room Temperature	Supply:	New Battery (CR2450 1S2P)





Note: Pattern images only for reference - scaling of power levels not properly adjusted!