

Features

- Internal Reference
- Output Power : 13dBm
- Output Freq. : 0.65 GHz
- Harmonics : -20 dBc
- RoHS and REACH Compliant

Electrical Specifications

Description	Units	Minimum	Typical	Maximum
Output Frequency	GHz		0.65	
Output Power	dBm		13±2.5	
Phase Noise@10Hz	dBc/Hz			-
Phase Noise@100Hz	dBc/Hz			-
Phase Noise@1KHz	dBc/Hz			-
Phase Noise@10KHz	dBc/Hz			-90
Phase Noise@100KHz	dBc/Hz			-
Phase Noise@1MHz	dBc/Hz			-
Reference Frequency	MHz			
Reference Input Power	dBm			
2nd Harmonics	dBc		-20	
Spurious	dBc		-70	
Supply Voltage	V		+12	
Current	mA		280	
Operating Temp.	°C	-20		+70
Lock Detect			-	

Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- External Reference & Dual Loop Models Frequency Stability : Same as External Reference.
- External Ref. Phase noise deteriorate : =20 log (Output Freq / Ref. Freq) +3

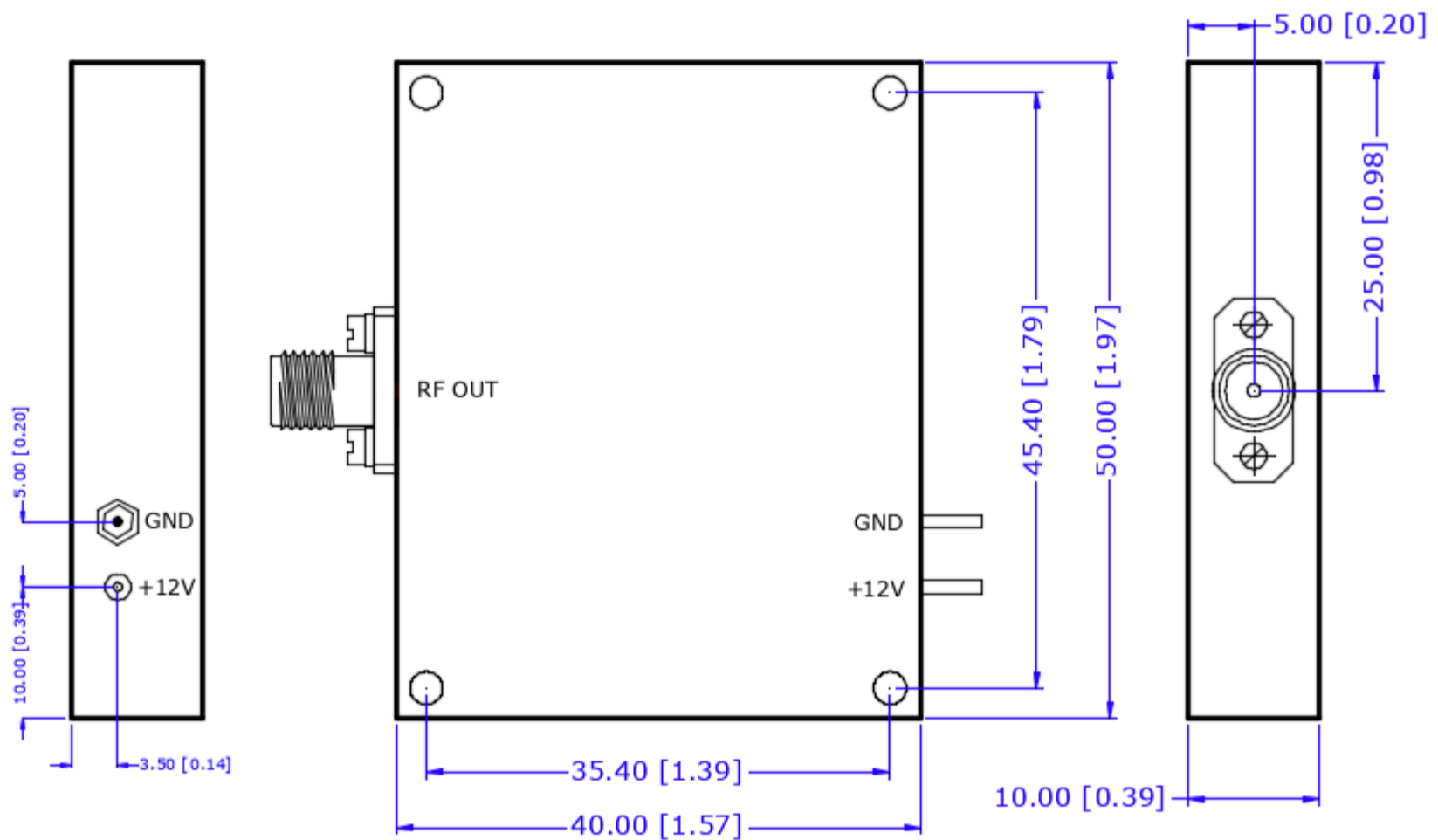
Mechanical Specifications

Dimension L*W*H	40*50*10 mm
Ref. Connector	Stainless Steel
Output Connectors	SMA-Female Stainless Steel
Weight	50 g
Finishing	Nickel Plated
Environment	Nominal

Compliance Certifications

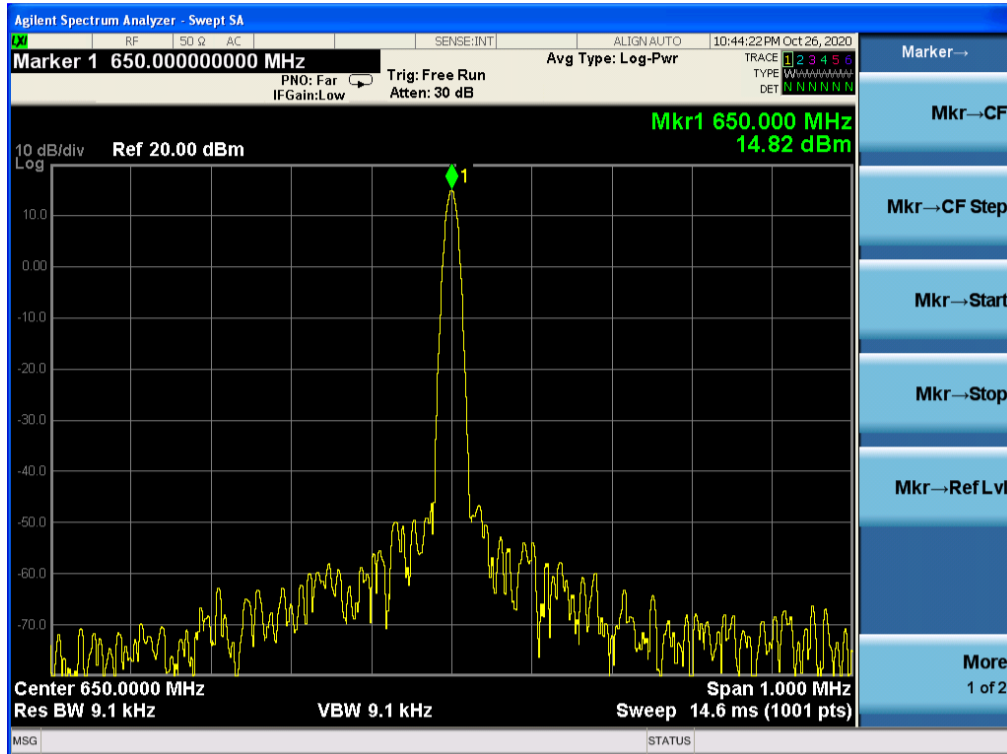
RoHS Compliant	✓
REACH Compliant	✓

CAD Drawing

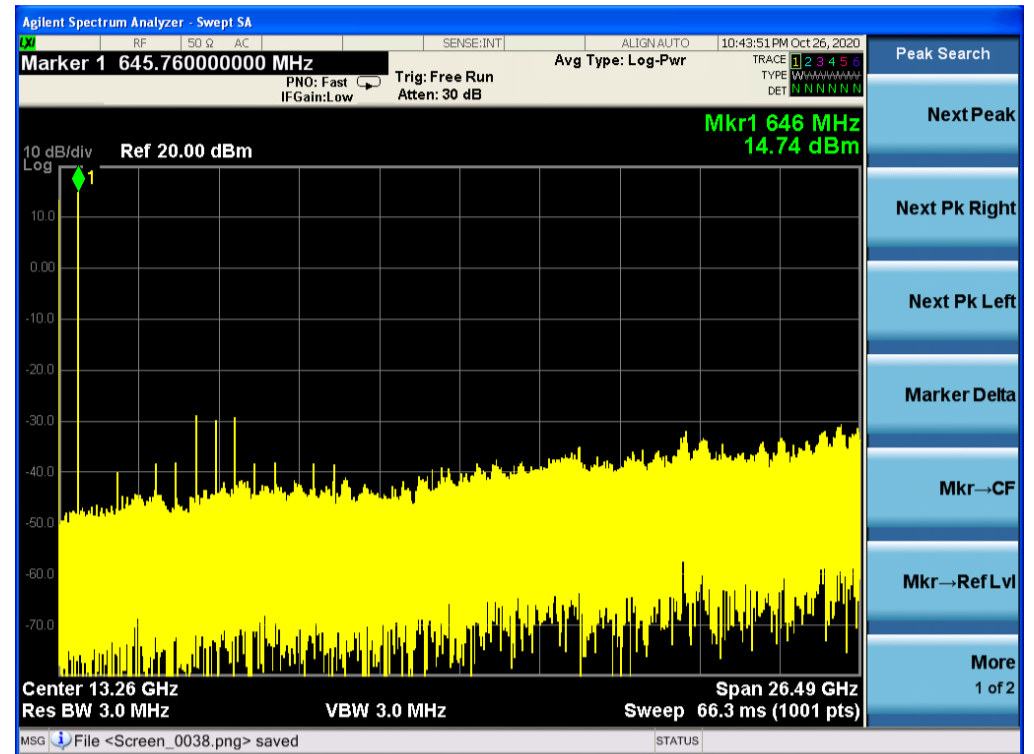


Dimensions are in mm [Inches]
Tolerances : Outline drawing: ±0.2 [0.008]
Hole: ±0.2 [0.008]

Output Power



Spurious and Harmonics



Phase Noise (dBc/Hz)

