OUTPUTS **Output** Frequency Level (into 50Ω) А 162.5 MHz +10 ±2 dBm В 325 MHz +13 ±2 dBm STABILITY Aging 1×10^{-6} first year after 30 days operating, typical 5×10^{-7} second year, typical 3×10^{-7} per year thereafter, typical Phase Noise L(f), dBc/Hz, typical 162.5 MHz 325 MHz 10 Hz -96 -90 100 Hz -126 -120 1 kHz -152 -145 10 kHz -171 -164 100 kHz -172 -166 1 MHz -172 -166 **Temperature Stability** $\pm 5 \times 10^{-7}$, 0 to $\pm 50^{\circ}$ C (Ref. $\pm 25^{\circ}$ C) Harmonics ≤ -25 dBc Sub-Harmonics ≤ -60 dBc Spurious ≤ -80 dBc, excluding power supply line related spurs MECHANICAL Dimensions 4.21 x 4 x 1" Connectors RF Outputs: SMA(f) Power, ET: Feed Thru Terminals GND: Ground Turret Packaging Nickel-plated machined aluminum housing – G2-13 Mounting Threaded inserts on base,

#2-56, 6 places

DEV

- Phase NoiseTemperature Stability
- Harmonics, Subs, Spurious
- Power Warm-up and Total

-	DATE		REVISION RECORD	DWN	AUTH
	03-19-18	Initial Rele	ase	CB	
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		_			
		-	G2-13 Connections Connector Function		
			1 Supply Voltage		
			2 Ground, Case 3 Electrical Tuning		
			4 RF Output B 5 RF Output A		
		Frequency — (Mechanica	Adjust Access		
	1.00-		······,		
	2X 0.69-	Dø		- 0.74	
		3	1 @ 2 0 1	— 0.50 — 3X 0.25	
	0-			- 0	
		0 0.38 0.72	1.56— 2.50— 2.85— 3.66— 4.21—		
		00	-i 0.00 w 4		
		_			
	4.00-	Lend		— 2X 3.915	
		7	٣	2/ 0./10	
			E	ov 0 000	
		0	0	-2X 2.000	
		Threa	ded Inserts, #2-56,		
		Threa 6 plac	es, 0.190" deep		
	0—	Threa 6 plac	es, 0.190" deep	— 2X 0.085	
	0—		es, 0.190" deep	— 2X 0.085	
	0—	Threa 6 plac	es, 0.190" deep	— 2X 0.085	
	0—	Thread 6 plac	es, 0.190" deep	— 2X 0.085	
	0—		es, 0.190" deep	— 2X 0.085	
		6 plac	es, 0.190° deep		
		6 plac	es, 0.190" deep		
Title:	M I	Nenze	es, 0.190° deep	с.	
Title:		Venze	es, 0.190' deep	C. en	
		Venze	es, 0.190' deep	c. en IXO-FR)	
P/N:	1 Multipl	Venze	es, 0.190' deep	C. en	f:
P/N:		Venze	es, 0.190' deep	c. en IXO-FR)	-f:
P/N:	10 Multipl 01-31543	Venze	es, 0.190' deep	C. en IXO-FR)	