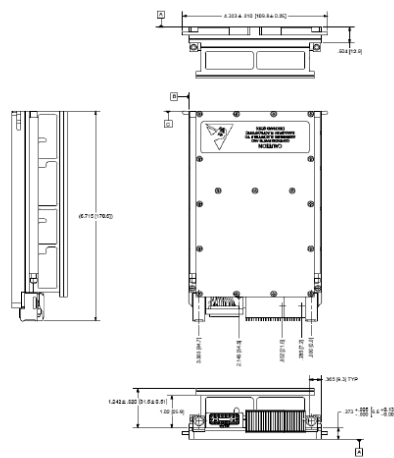


MECHANICAL CONFIGURATION

Engineering views and dimensions reproduced from the supplied source; public-release status requires FEI confirmation.



DIMENSIONS (INCLUDING MOUNTING) INCHES: 6.715L X 4.323W X 1.64H WEIGHT: 2.1 LB APPROX.

SUPPLIED ENGINEERING VIEWS | SOURCE DRAWING



REFERENCE GENERATOR UNIT ASSEMBLY | V2 ASSET

25 / 100 / 3000 MHz

IDENTIFIED OUTPUT SET

6.715 x 4.323 x 1.64 in

DIMENSIONS INCL. MOUNTING

2.1 lb approx.

APPROXIMATE WEIGHT

4 profiles

SUPPLIED PHASE-NOISE TABLES

Qualification note. The supplied title identifies 25 MHz, 100 MHz, and 3000 MHz outputs, while the provided phase-noise rows cover only 100 MHz and 3000 MHz. FEI engineering should confirm whether the absent 25 MHz performance table is intentional. Product designation, mechanical values, image use, and all performance data require FEI engineering, legal/export, public-release, and brand approval before external use.

REFERENCE GENERATOR / PHASE-NOISE PERFORMANCE

STATIC AND DYNAMIC PROFILES | 100 MHz AND 3000 MHz | TYPICAL VALUES AS SUPPLIED

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SUPPLIED PERFORMANCE DATA

Values below are transcribed without interpolation; omitted offsets remain omitted.

100 MHz PHASE NOISE / STATIC		
OFFSET	TYPICAL	UNITS
10 Hz	-95	dBc/Hz
100 Hz	-125	dBc/Hz
1 kHz	-150	dBc/Hz
10 kHz	-160	dBc/Hz
>100 kHz	-165	dBc/Hz

3000 MHz PHASE NOISE / STATIC		
OFFSET	TYPICAL	UNITS
10 Hz	-65	dBc/Hz
1 kHz	-120	dBc/Hz
10 kHz	-130	dBc/Hz
100 kHz	-140	dBc/Hz
>10 MHz	-157	dBc/Hz

100 MHz PHASE NOISE / DYNAMIC		
OFFSET	TYPICAL	UNITS
10 Hz	-90	dBc/Hz
100 Hz	-103	dBc/Hz
10 kHz	-150	dBc/Hz
>100 kHz	-162	dBc/Hz

3000 MHz PHASE NOISE / DYNAMIC		
OFFSET	TYPICAL	UNITS
10 Hz	-60	dBc/Hz
100 Hz	-73	dBc/Hz
1 kHz	-72	dBc/Hz
10 kHz	-120	dBc/Hz
100 kHz	-138	dBc/Hz
>10 MHz	-157	dBc/Hz

Validation required. The 100 MHz dynamic source table contains no 1 kHz row; this draft preserves that omission. All figures are legacy typical values and must be verified by FEI engineering against the controlling specification before public release.