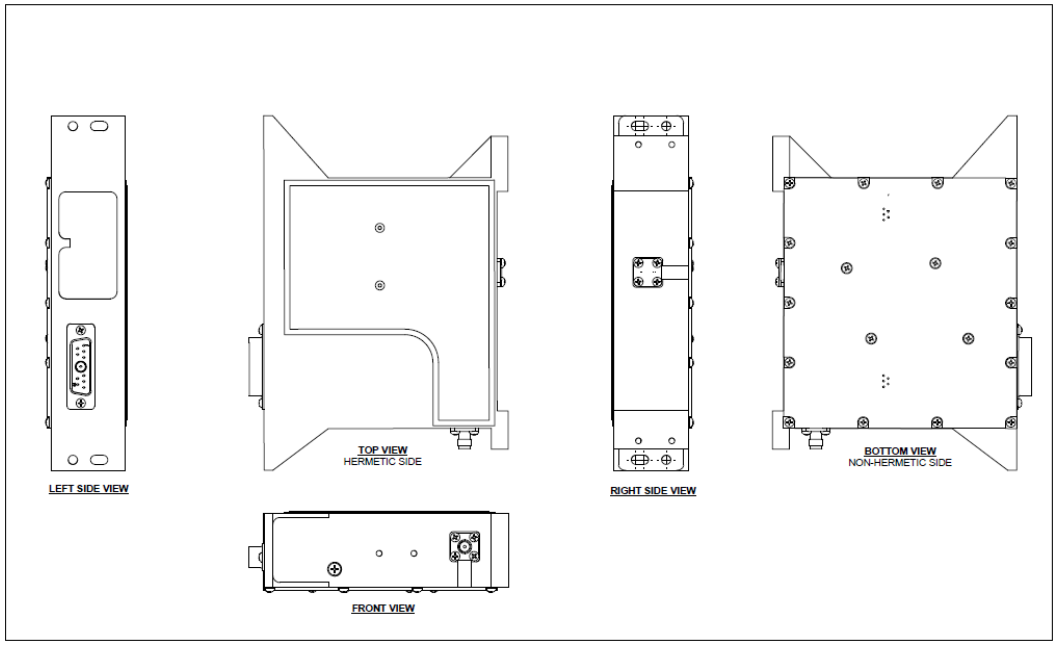
RGU PHASE-LOCKED DRO / 5.5 GHz

LEGACY REVISION-3 PERFORMANCE PROFILE | 100 MHz INPUT REFERENCE | TYPICAL VALUES

MECHANICAL CONFIGURATION

Engineering views reproduced from the supplied source; dimensions and product status require FEI confirmation.



LEFT / TOP / RIGHT / BOTTOM / FRONT VIEWS | SOURCE DRAWING

5.5 GHz	100 MHz	14 dBm	1.3 lb
OUTPUT FREQUENCY	INPUT REFERENCE	OUTPUT POWER	APPROXIMATE WEIGHT

DIMENSIONS INCLUDING MOUNTING	6.4 W x 4.4 L x 1.5 H in

5.5 GHZ DRO SPECIFICATION

PARAMETER / OFFSET	TYPICAL	UNITS
Output power	14	dBm
Power variation over temperature	2.00	dB
PHASE NOISE (EQM)		
100 Hz	-100	dBc/Hz
1 kHz	-111	dBc/Hz
10 kHz	-117	dBc/Hz
100 kHz	-128	dBc/Hz
1 MHz	-151	dBc/Hz
10 MHz	-171	dBc/Hz
Output spurious	-65	dBc
Output harmonics	-35	dBc

100 MHZ REFERENCE PHASE NOISE

PARAMETER / OFFSET	TYPICAL	UNITS
100 Hz	-135	dBc/Hz
1 kHz	-147	dBc/Hz
10 kHz	-156	dBc/Hz
100 kHz	-157	dBc/Hz
1 MHz	-159	dBc/Hz
10 MHz	-167	dBc/Hz

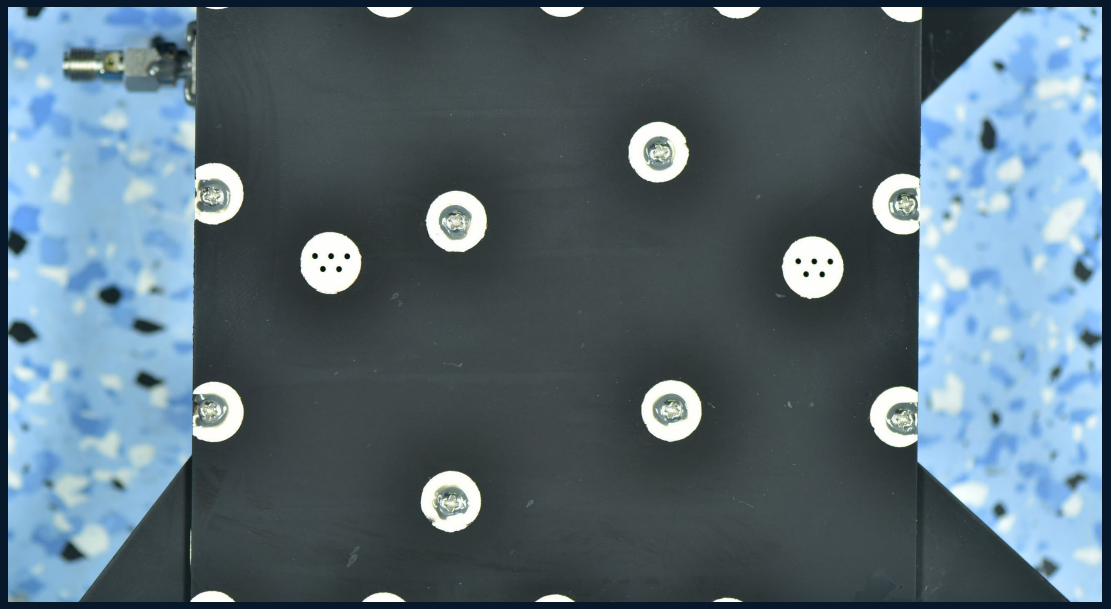
Validation required. All values are transcribed from the supplied revision-3 legacy flysheet and presented as typical. FEI engineering, legal/export, public-release, and brand approval are required before external use.

RGU PHASE-LOCKED DRO / PRODUCT VIEWS

SUPPLIED 5.5 GHz HARDWARE PHOTOGRAPHS | IMAGE USE PENDING FEI PUBLIC-RELEASE REVIEW

5.5 GHz HARDWARE CONFIGURATION

Photographs reproduced from the supplied revision-3 source and retained without content alteration.



TOP / NON-HERMETIC-SIDE PRODUCT VIEW

FRONT PANEL / CONNECTOR VIEW

5.5 GHz	SN010	58351FD5	14 dBm
MARKED FREQUENCY	VISIBLE UNIT MARKING	VISIBLE PART MARKING	LEGACY TYPICAL OUTPUT

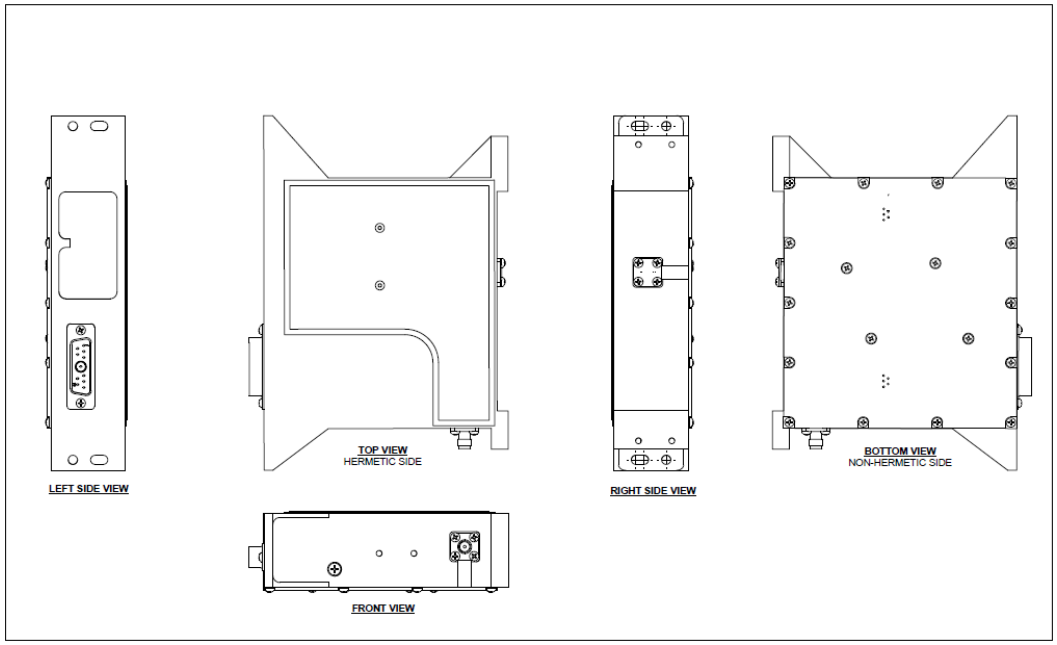
Image and product-status review. The photographs show a legacy 5.5 GHz unit and include visible identifying marks. FEI should confirm that these images, markings, configuration details, and the RGU/DRO designation are approved for public use. The visually noisy blue work-surface background has been retained in this review draft to preserve source fidelity.

RGU PHASE-LOCKED DRO / 9.6 GHz

LEGACY REVISION-3 PERFORMANCE PROFILE | 100 MHz INPUT REFERENCE | TYPICAL VALUES

MECHANICAL CONFIGURATION

Engineering views reproduced from the supplied source; dimensions and product status require FEI confirmation.



LEFT / TOP / RIGHT / BOTTOM / FRONT VIEWS | SOURCE DRAWING

9.6 GHz	100 MHz	16 dBm	1.3 lb
OUTPUT FREQUENCY	INPUT REFERENCE	OUTPUT POWER	APPROXIMATE WEIGHT

DIMENSIONS INCLUDING MOUNTING	6.4 W x 4.4 L x 1.3 H in

9.6 GHZ DRO SPECIFICATION

PARAMETER / OFFSET	TYPICAL	UNITS
Output power	16	dBm
Power variation over temperature	2.00	dB
PHASE NOISE (EQM)		
100 Hz	-94	dBc/Hz
1 kHz	-107	dBc/Hz
10 kHz	-114	dBc/Hz
100 kHz	-115	dBc/Hz
1 MHz	-142	dBc/Hz
10 MHz	-164	dBc/Hz
Output spurious	-65	dBc
Output harmonics	-35	dBc

100 MHZ REFERENCE PHASE NOISE

PARAMETER / OFFSET	TYPICAL	UNITS
100 Hz	-135	dBc/Hz
1 kHz	-147	dBc/Hz
10 kHz	-156	dBc/Hz
100 kHz	-157	dBc/Hz
1 MHz	-159	dBc/Hz
10 MHz	-167	dBc/Hz

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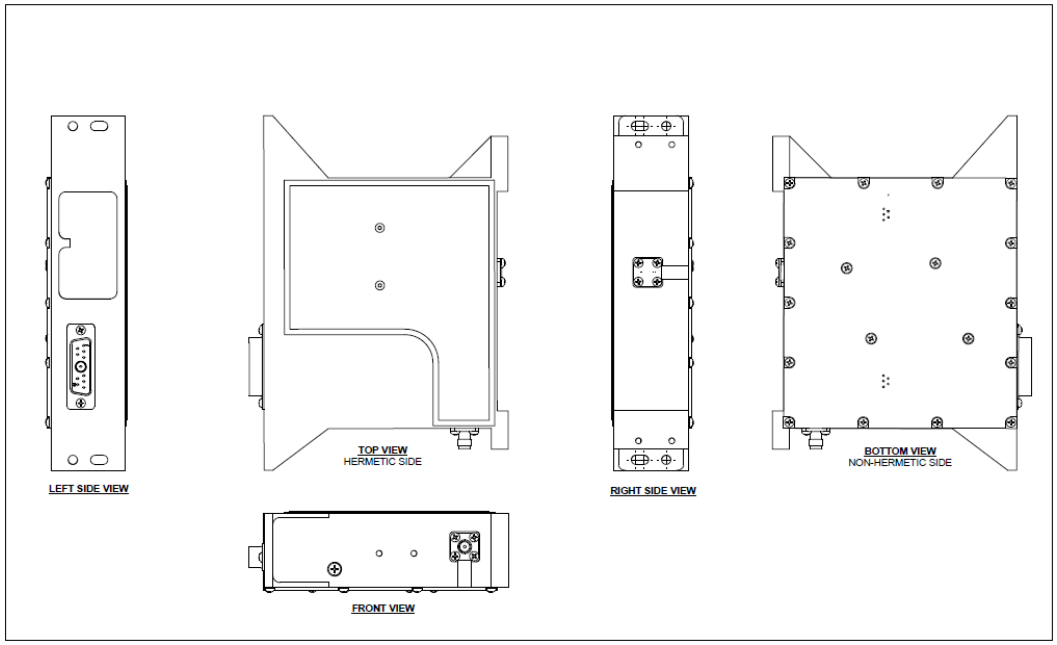
RGU PHASE-LOCKED DRO / 20.65 GHz

LEGACY REVISION-3 PERFORMANCE PROFILE | 175 MHz INPUT REFERENCE | TYPICAL VALUES

MECHANICAL CONFIGURATION

Engineering views reproduced from the supplied source; dimensions and product status require FEI confirmation.



LEFT / TOP / RIGHT / BOTTOM / FRONT VIEWS | SOURCE DRAWING

20.65 GHz	175 MHz	21 dBm	1.3 lb
OUTPUT FREQUENCY	INPUT REFERENCE	OUTPUT POWER	APPROXIMATE WEIGHT

DIMENSIONS INCLUDING MOUNTING	6.4 W x 4.4 L x 1.3 H in

20.65 GHZ DRO SPECIFICATION

PARAMETER / OFFSET	TYPICAL	UNITS
Output power	21	dBm
Power variation over temperature	2.00	dB
PHASE NOISE (EQM)		
100 Hz	-87	dBc/Hz
1 kHz	-103	dBc/Hz
10 kHz	-108	dBc/Hz
100 kHz	-111	dBc/Hz
1 MHz	-133	dBc/Hz
10 MHz	-160	dBc/Hz
Output spurious	-65	dBc
Output harmonics	-35	dBc
Output sub-harmonics	-70	dBc

175 MHZ REFERENCE PHASE NOISE

PARAMETER / OFFSET	TYPICAL	UNITS
100 Hz	-129	dBc/Hz
1 kHz	-146	dBc/Hz
10 kHz	-152	dBc/Hz
100 kHz	-154	dBc/Hz
1 MHz	-155	dBc/Hz
10 MHz	-171	dBc/Hz

Validation required. All values are transcribed from the supplied revision-3 legacy flysheet and presented as typical. FEI engineering, legal/export, public-release, and brand approval are required before external use.