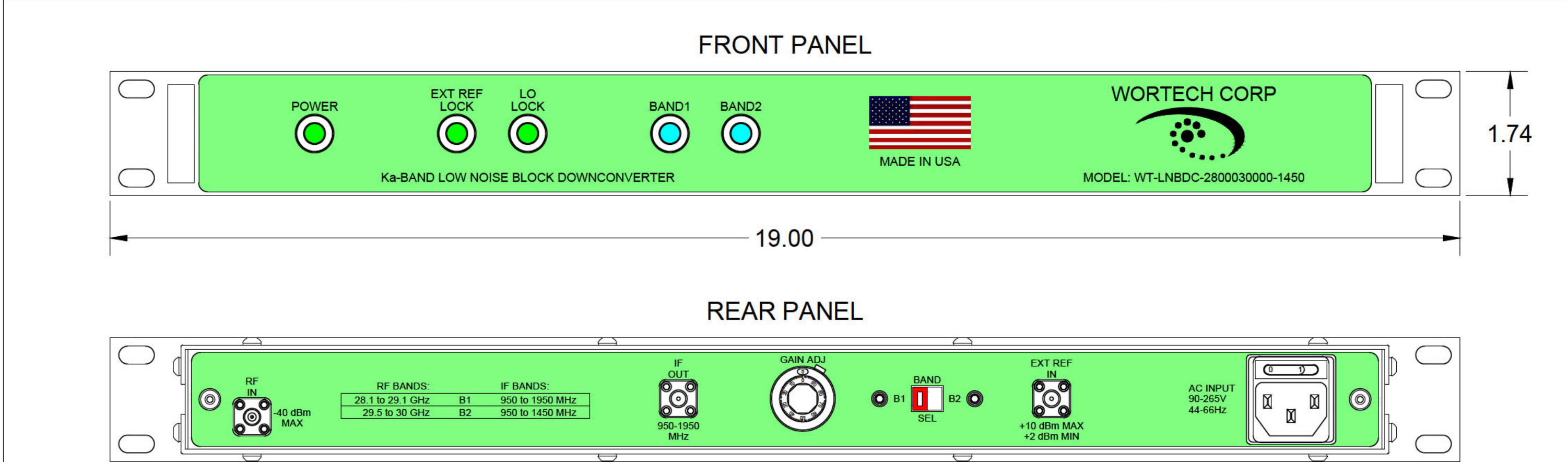


SPECIFICATIONS:							
RF Input:	Band1: 28.1 to 29.1 GHz Band2: 29.5 to 30 GHz	IF Output:	Band1: 950 to 1950 MHz Band2: 950 to 1450 MHz	Spurious:	-50 dBc min.	AC Input:	90 to 265 Volts 44 to 66 Hz
				Image Rejection:	-40 dBc min.		
Gain:	68 dB typ., 65 dB min.	Input_P1dB:	-55 dBm typ.	Output Spectrum:	Non-Inverted	Power Dissipation:	25 W max.
Gain Adjust:	37 dB typ.	Output_P1dB:	+13 dBm typ.,10 dBm min.	Phase Noise (max):	100 Hz: 60 dBc/Hz	Operating Temp Range:	0 to +50 degC
Noise Figure:	2.3 dB typ., 3 dB max.	Output_IP3:	+23 dBm typ.		1 KHz: 70 dBc/Hz	Weight:	9 lbs.
Impedance:	50 ohms	Int. REF:	10MHz, 1x10e-8 stability		10 KHz: 80 dBc/Hz	Dimensions:	1U, 19" wide x 10" deep
I/O SWR:	1.5 typ., 2 max.	Ext. REF:	10MHz, -2 to +10dBm		100 KHz: 90 dBc/Hz	RF Input Connector:	2.92mm SMA (K-type)
MAX. RF Input:	-40 dBm, no damage	MAX. REF Input:	+13 dBm, no damage		1MHz: 100 dBc/Hz	IF, REF Connector:	Standard SMA



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: .XX = ± .01 .XXX = ± .005 ANGLES = ±1/2°		WORTECH CORP MISSION FOCUSED TECHNOLOGY DRIVEN  ENGINEER: D.NEWMAN DATE: 14-SEP-2017		DATASHEET / OUTLINE DRAWING		
				DESCRIPTION: Ka-BAND LOW NOISE BLOCK DOWN-CONVERTER		
MATERIAL: 5052-H32 Aluminum				SIZE B	FILE NAME	PART NO: LNBDC-2800030000-1450
FINISH: Yellow Iridite				SCALE: 4:3		SHEET 1 OF 1