

REVISIONS			
ECO	REV	DESCRIPTION	DATE
021296	A	INITIAL RELEASE TO PRODUCTION	4/12/16
			APPROVED BY
			AGILE

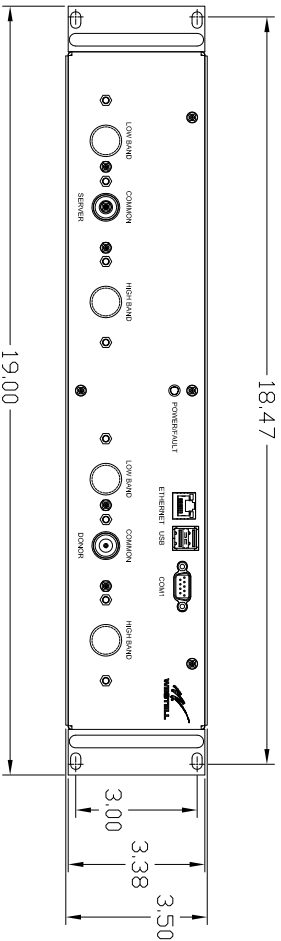
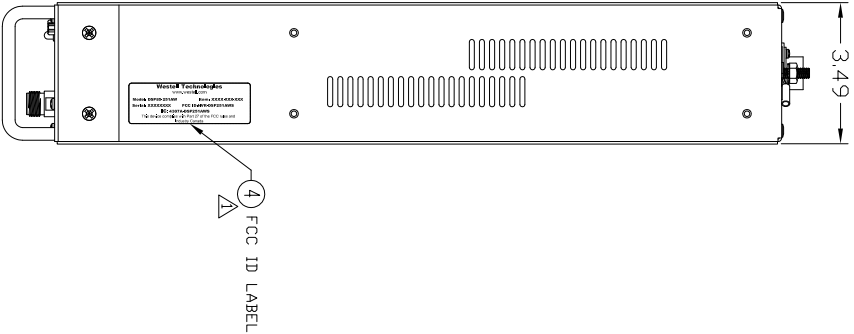
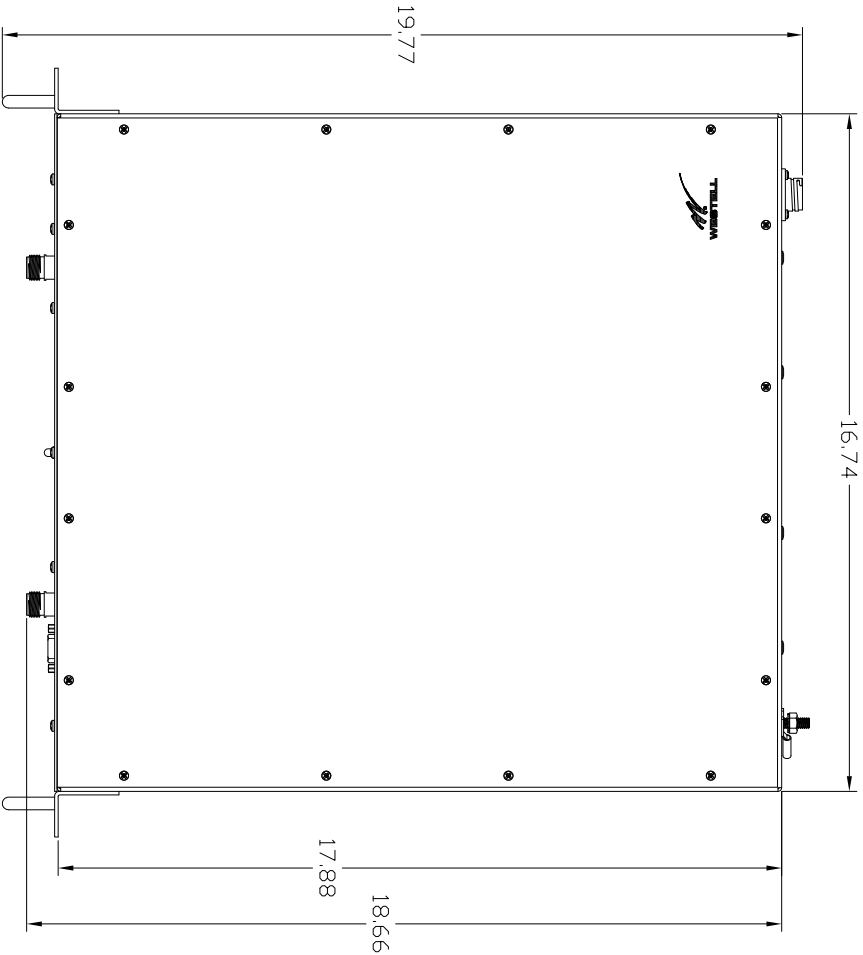
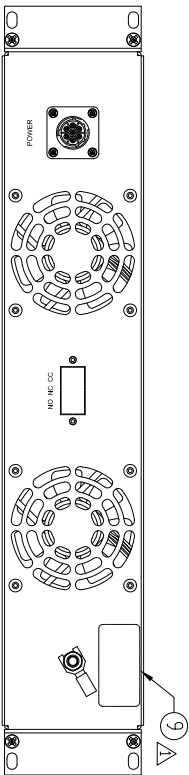
DSP85-251AW D1:D1-DC
IN-BUILDING AMPLIFIER
SPECIFICATIONS

AWS

UPLINK	
FREQUENCY	1710-1755 MHz
LINEAR GAIN	85 dB
GAIN FLATNESS	+/-1.5 dB
GAIN ADJUSTMENT RANGE	55-85 dB
GAIN ADJUSTMENT STEPS	.5 dB
AGC RANGE	30.0 dB
LINEAR OUTPUT POWER TYP	30.0 dB
3RD ORDER INTERCEPT, IP3	+43 dBm
NOISE FIGURE	5.0 dB
1 dB COMPRESSION	+33 dBm
INPUT VSWR	<1.5:1
MAXIMUM INPUT POWER	+10 dB
PROPAGATION DELAY	<5 us

DOWNLINK	
FREQUENCY	2110-2155 MHz
LINEAR GAIN	85 dB
GAIN FLATNESS	+/-1.5 dB
GAIN ADJUSTMENT RANGE	55-85 dB
GAIN ADJUSTMENT STEPS	.5 dB
AGC RANGE	30.0 dB
LINEAR OUTPUT POWER TYP	30.0 dBm
3RD ORDER INTERCEPT, IP3	+43 dBm
NOISE FIGURE	5.0 dB
1 dB COMPRESSION	+33 dBm
INPUT VSWR	<1.5:1
MAXIMUM INPUT POWER	+10 dB
PROPAGATION DELAY	<5 us

CONNECTORS	N-FEMALE
POWER REQUIREMENTS	100-240 VAC @ 1.4A-3.2A
TEMPERATURE	+32-122F
DIMENSIONS (IN)	SEE DRAWING
WEIGHT (LBS)	20 MAX
INDICATOR LED	WARNING & FAULT



- NOTES: UNLESS OTHERWISE SPECIFIED
1. LOCATE LABELS APPROX AS SHOWN.
 2. WALL MOUNTING KIT IS NOT SHOWN INSTALLED. IT IS SHIPPED SEPARATELY WITH PRODUCT.
 3. PROTECTIVE CAPS WILL BE INSTALLED PRIOR TO SHIPMENT.

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000 REMOVE ALL BURS AND SHARP EDGES		UNLESS OTHERWISE SPECIFIED TOLERANCES IN DECIMALS ANGLES XX±.x01 XX±.x05 ±.030° DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING		DRAWN Glenn Fortris 1/5/16 DATE	 WESTELL TECHNOLOGIES, INC 670 N. Commercial Street, Manchester, NH 03101 TITLE SPECIFICATION SHEET DSP85-251AW D1:D1-DC DRAWING NUMBER SCS10-960-419 REV A	
SURFACE FINISHES 32		APPROVAL ON FILE DATE		APPROVAL ON FILE DATE		
FINISH		MATERIAL		APPROVAL ON FILE DATE		
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