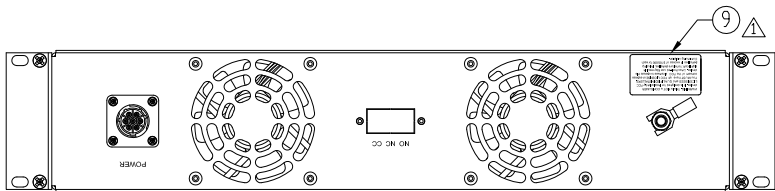
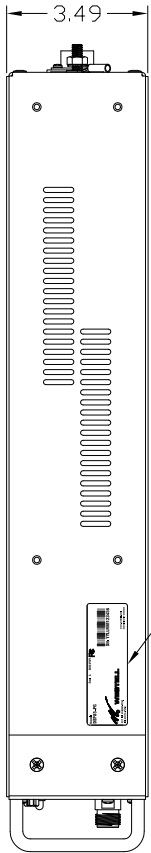
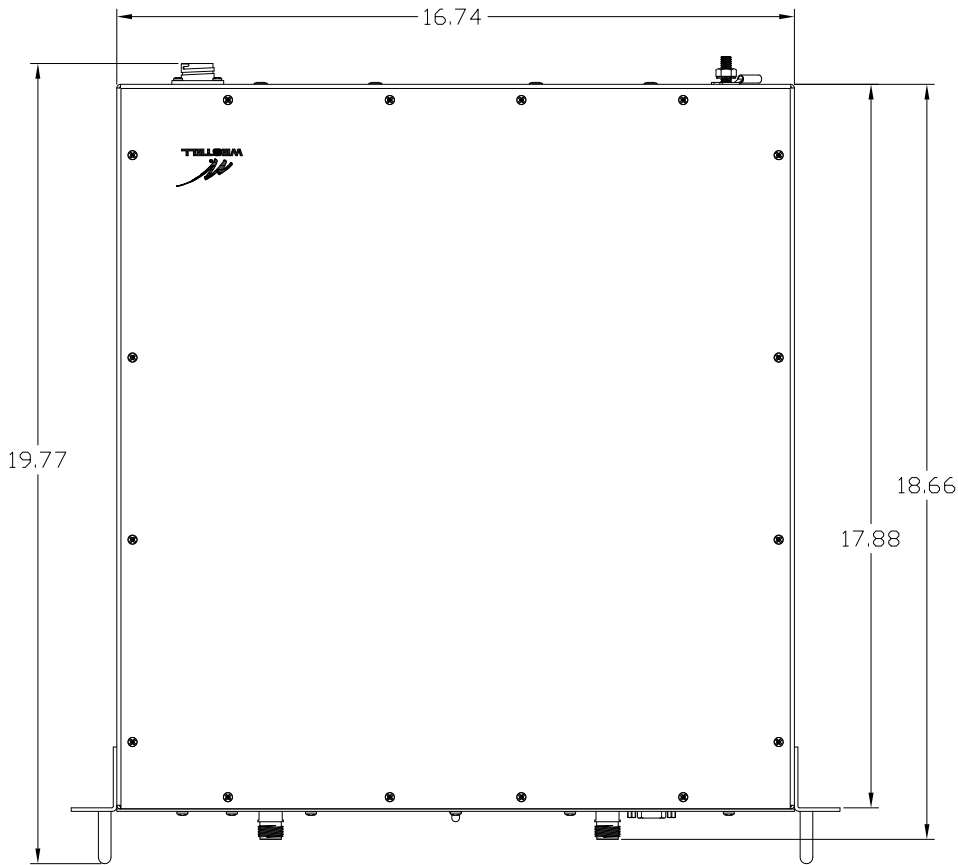


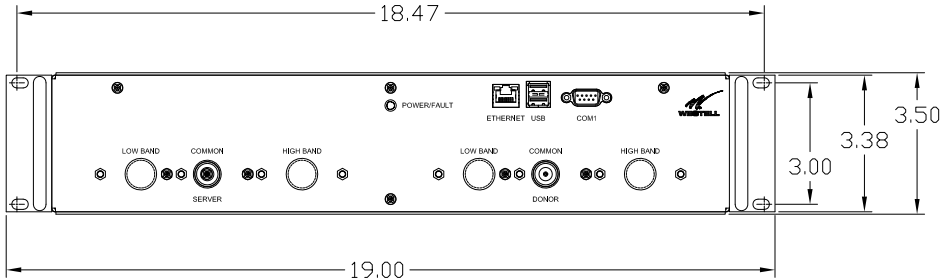
REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED BY
PENDING	A	INITIAL RELEASE TO PRODUCTION	6/16	AGILE



DSP85-PG D1:D1
IN-BUILDING AMPLIFIER
SPECIFICATIONS



UPLINK		PCS-G
FREQUENCY	1850-1915 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	27.0 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	1930-1995 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	27.0 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	
TEMPURATURE	+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		UNLESS OTHERWISE SPECIFIED		DRAWN C.W.Fitton		DATE 6/16		 WESTELL TECHNOLOGIES, INC 670 N. Commercial Street, Manchester, NH 03101 TITLE SPECIFICATION SHEET DSP85-PG D1:D1							
REMOVE ALL BURRS AND SHARP EDGES		TOLERANCES ON		CHECKED		DATE									
SURFACE ROUGHNESS 32 ✓		DECIMALS .XXX± .01 .XXX± .005 ANGLES ± 0°30'		APPROVAL ON FILE		DATE									
FINISH		MATERIAL		ENG APPD.		DATE									
				APPROVAL ON FILE		DATE									
				MFG APPD.		DATE									
				APPROVAL ON FILE		DATE		SIZE C		FSCM NUMBER N/A		DRAWING NUMBER SCS10-988-801		REV A	
				QUALITY APPD.		DATE		SCALE 1 / 3		WT NA		SHEET 1 OF 1			
				APPROVAL ON FILE		DATE									
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF WESTELL TECHNOLOGIES, INC. AND SHALL NOT BE REPRODUCED, COPIED, USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OF SALE OF ITEM(S) WITHOUT WRITTEN PERMISSION.															