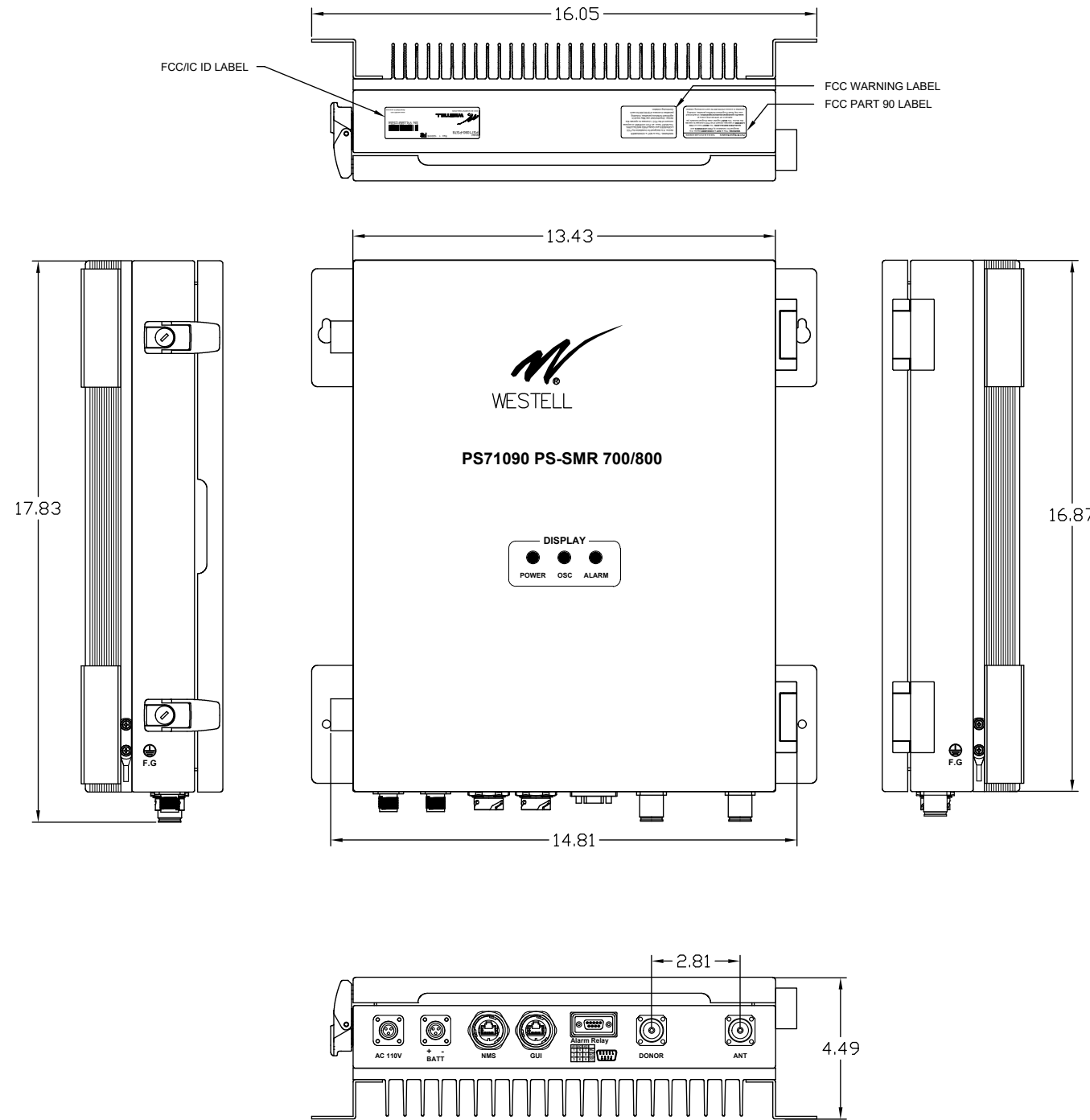


REVISIONS				
ECD	REV	DESCRIPTION	DATE	APPROVED BY
	1	ENGINEERING RELEASE	12-9-16	K.K.A.



PS71090-PS78
REPEATER

	700MHz PUBLIC SAFETY	800MHz PUBLIC SAFETY
UPLINK		
FREQUENCY	788-805MHz	806-824MHz
LINEAR GAIN	90 dB	90 dB
GAIN FLATNESS	+/- 1.5dB	+/-1.5dB
GAIN ADJUSTMENT RANGE	30dB	30dB
GAIN ADJUSTMENT STEPS	1.0dB	1.0dB
AGC RANGE	25dB	25dB
LINEAR OUTPUT POWER-TYP	33.0dBm	33.0dBm
NOISE FIGURE	5.0dB(6.5dB MAX)	5.0dB(6.5dB MAX)
INPUT VSWR	<2.0:1	<2.0:1
MAXIMUM INPUT POWER	+10dBm	+10dBm
PROPAGATION DELAY	<4 usec	<4 usec
DOWNLINK		
FREQUENCY	758-775MHz	851-869MHz
LINEAR GAIN	90 dB	90 dB
GAIN FLATNESS	+/-1.5dB	+/-1.5dB
GAIN ADJUSTMENT RANGE	30dB	30dB
GAIN ADJUSTMENT STEPS	1.0dB	1.0dB
AGC RANGE	25dB	25dB
LINEAR OUTPUT POWER-TYP	33.0dBm	33.0dBm
NOISE FIGURE	5.0dB(6.5dB MAX)	5.0dB(6.5dB MAX)
INPUT VSWR	<2.0:1	<2.0:1
MAXIMUM INPUT POWER	+10 dBm	+10 dBm
PROPAGATION DELAY	<4 usec	<4 usec
CONNECTORS (RF)	4.3-10 FEMALE	
POWER REQUIREMENTS	110VAC	
POWER CONSUMPTION	103W(122W MAX)	
TEMPERATURE	-22 to +122 F	
DIMENSIONS (IN.)	14.1 x 17.7 x 4.72	
WEIGHT (LBS.)	37LBS	
INDICATOR LEDS	WARNING & FAULT	

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	UNLESS OTHERWISE SPECIFIED	DRAWN K. Albertson	DATE 12/9/16	<p>WESTELL TECHNOLOGIES, INC 670 N. Commercial Street, Manchester, NH 03101</p>												
	REMOVE ALL BURRS AND SHARP EDGES	TOLERANCES ON	CHECKED		DATE											
SURFACE ROUGHNESS 32 ✓	DECIMALS .XX ± .01	ANGLES ± 0.30°	ENG APPD.		DATE											
	DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING		MFG APPD.		DATE											
FINISH	MATERIAL	QUALITY APPD.	DATE	<p>TITLE LABEL LOCATION PS71090-PS78</p>												
<p>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.</p>				<table border="1"> <tr> <td>SIZE</td> <td>FSCM NUMBER</td> <td>DRAWING NUMBER</td> <td>REV</td> </tr> <tr> <td>C</td> <td>N/A</td> <td>SCS10-TBD-TBD</td> <td>1</td> </tr> <tr> <td colspan="2">SCALE 1 / 3</td> <td>WT NA</td> <td>SHEET 1 OF 1</td> </tr> </table>	SIZE	FSCM NUMBER	DRAWING NUMBER	REV	C	N/A	SCS10-TBD-TBD	1	SCALE 1 / 3		WT NA	SHEET 1 OF 1
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