

REVISIONS				
REV	DESCRIPTION	DATE	APPROVED BY	
020330	A	RELEASE TO PRODUCTION	12/18/15	AGILE

CS14-700-800
PS 700/800
PROGRAMMABLE REPEATER
SPECIFICATIONS

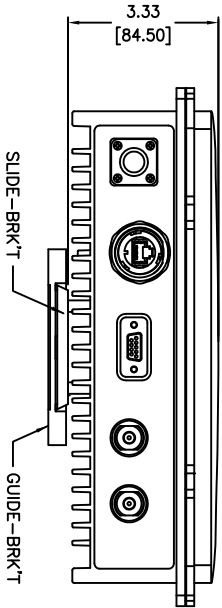
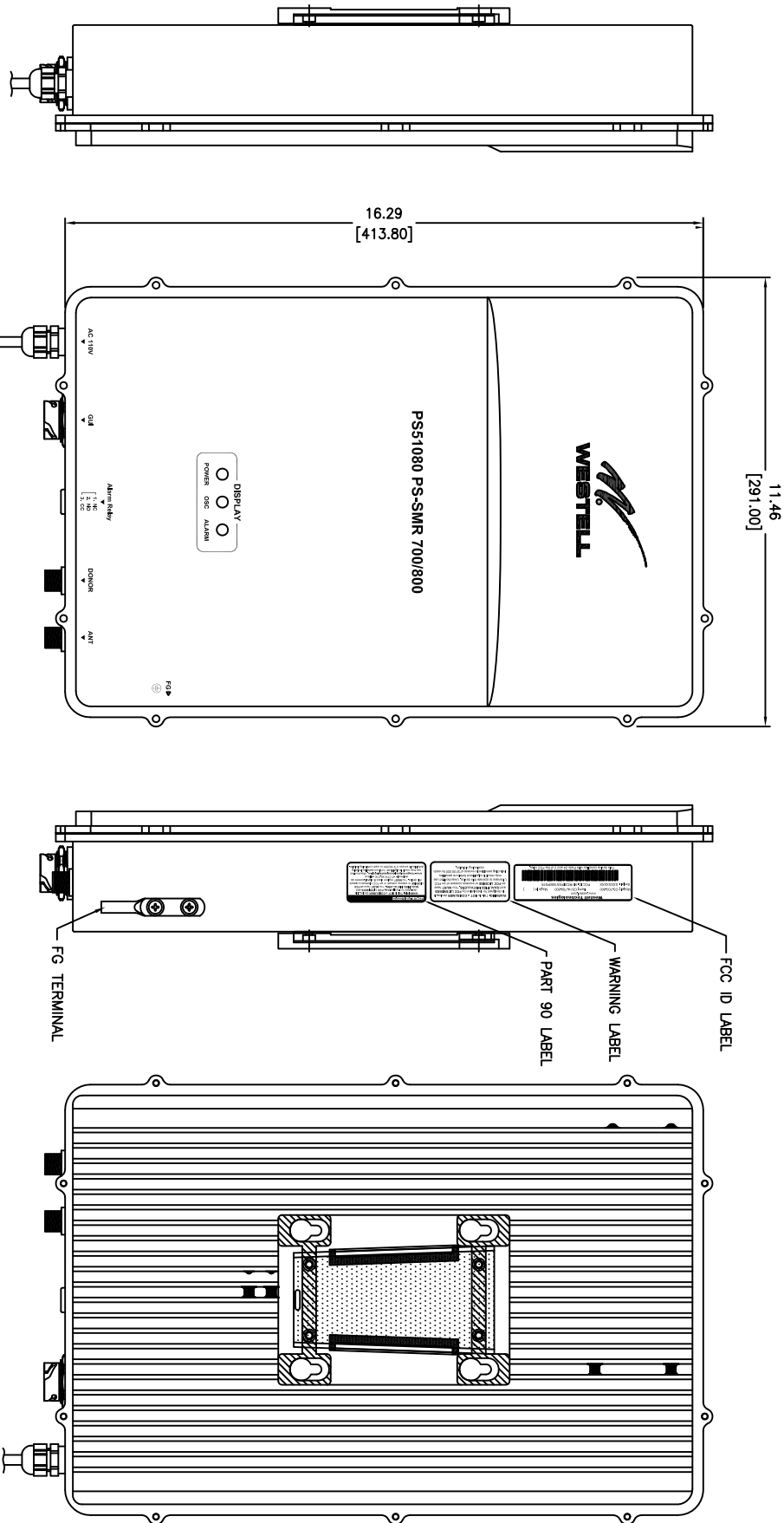
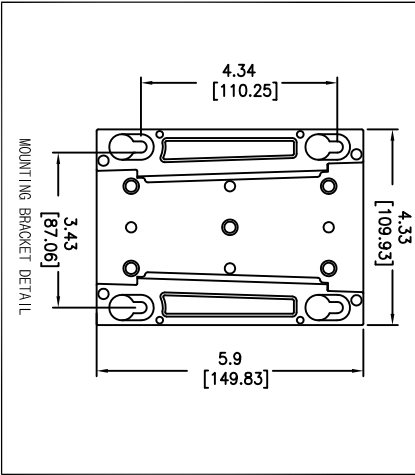
Parameter	Specification	
Frequency Range:	UL	788-805MHz Sub-Band1 806-809MHz Sub-Band1 806-816MHz Sub-Band2
	DL	758-775MHz Sub-Band1 851-854MHz Sub-Band1 851-816MHz Sub-Band2

Frequency Selectivity	UL / DL	@-40dBc ±2MHz	
Gain	UL / DL	80dB(±1.0dB)	
Sub Band Balance	UL / DL	±1.0dB	
Gain Adjustment Range	UL / DL	30dB / 30dB (±1dB, 1dB step)	
AGC Range	UL / DL	25dB / 25dB(±1dB)	
Pass Band Ripple	UL / DL	±1.5dB (Peak-To-Peak 3dB)	±2.0dB (Peak-To-Peak 4dB)
Linear Output Power	UL / DL	+27dBm	
3rd Order Intercept Point	UL / DL	+42.5dBm	
1dB Gain Compression	UL / DL	31dBm	
Input VSWR	UL / DL	<2:1	
Maximum Input No Damage Power	UL / DL	+10dBm	
Propagation Delay	UL / DL	3us	4us
Noise Figure	UL	<6.5dB @Max. Gain	

Power Specifications	AC120V	Internal AC DC Power Supply
Main Power Input Voltage	IEC320	
Power Connectors		

Mechanical Specification		
DIMENSIONS	INCH [MM]	
Size (mm)	279 x 425.9 x 82.0 mm	10.98 x 16.77 x 3.23 IN
Connectors	Link/Service Antenna Ports	N - Female
	RJ-45	User Interface (GUI)
	Alarm Relay(RS232)	9P D-SUB, Female
Mounting Type	Wall Mounting	
Enclosure Lock	Key Lock	
Heat Dissipation	Natural Convection	
Finish	Red Color Paint	

Environmental Specification		
Operating Temperature	-30 C - +50 C (ambient)	-22 - +118F
NEMA Grade	NEMA4 Compliance	
Humidity	95%	



REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					
REVISIONS		DATE		DESCRIPTION	
020330	A	12/18/15		RELEASE TO PRODUCTION	
AGILE					
CS14-700-800 PS 700/800 PROGRAMMABLE REPEATER SPECIFICATIONS					