



GT-S15SCR4

1 Legacy output



GT-S25SCR4

2 Legacy output



GT-S35SCR4

3 Legacy output

	SAT-SCR PORT SPECIFICATION	LEGACY PORT SPECIFICATION
Low Band LO	9.75 GHz	9.75 GHz
High Band LO	10.6 GHz	10.6 GHz
Fixed User Bands	Channel 1: 1210 MHz Channel 2: 1420 MHz Channel 3: 1680 MHz Channel 4: 2040 MHz	
LO Stability	+/- 2.5 MHz @ room temp. +/- 4 MHz @ over temp.	+/- 1 MHz @ room temp. +/- 2.5 MHz @ over temp.
Noise Figure	0.2dB (Typ.)	0.2dB (Typ.)
Gain	58-67 dB	57-65 dB
Gain Flatness	+/-0.5dB/26MHz over temp.	+/-0.5dB/26MHz over temp.
Gain Variation	6 dB over temp.	6 dB over temp.
In-Band Spurious	<-47 dBm over temp.	<-55 dBm over temp.
Cross-Pol. Isolation	>20 dBm over temp.	>20 dBm over temp.
Control Signal	DISEQC-ST	DISEQC 1.0
Polarity Switching Voltage		10.5 ~ 14.0 Vdc 16.0 ~ 21.0 Vdc
Band Switching Signal	SATCR control firmware from ST	Low Band: 0 kHz High Band: 22 kHz +/- 4kHz
Image Rejection	>40 dB over temp.	>40 dB over temp.
IM3 suppression	>50 dBc @ IF signal power -15 dBm over temp.	>50 dBc @ IF signal power -15 dBm over temp.
LO Freq Phase Noise	Integration phase noise <2.5 degree RMS @ 10 kHz ~ 13MHz	<-55 dBc @ 1 kHz <-75 dBc @ 10 kHz <-100 dBc @ 100 kHz <-120 dBc @ 1 MHz
Operating Temperature Range	-40° C ~ +65° C	-40° C ~ +65° C
Power Consumption	300 mA	200 mA
Feed Length		42mm