Date: 11/04/2019	30MHz to 1GHz VNA			Drawn By: Josh Johnson
	PLL w/ VCO MAX2871 23.5-6000 MHz -4 to +5dBm SP4T Switch PE42440 IL = 0.5dB P1dB = +41dBm LF	PE42440 SKY IL = 0.5dB (0.5	Source Leveling riable Attenuator Y12347-362LF TRF37A75 5dB to 31.5dB) = 2dB G = 12dB P1dB = +18dBm IP3 = +32.5dBm	Coupling Directional Coupler ADC-15-4+ F = 5 to 1000 MHz IL = 0.6dB 15dB Coupling >24dB Directivity Directional Coupler ADC-15-4+ F = 5 to 1000MHz IL = 0.6dB 15dB Coupling >24dB Directivity
	LF	CN-400+ CN-1000+ CN-1500+	Level Control Log Power Detector AD8319 F = 1 MHz to 10 GHz Pin = -50 to 0 dBm	-6dB Resistive Split D U
Host Computer	STM32F373 16bit Delta-Sigma ADC Inbuilt USB USB ADC ADC SPI Flash	Gain/Phase Detected AD8302 Gain / Phase Detected AD8302 Pin = -60 to 0dBm Fin = 0 to 2700MHz Vout = 0 to 1.8V	RF A (REF) SPDT Switch F2923 IL = 0.5dB ISO > 60dB Signal RF B (DUT) Through Signal sor	-6dB