Date: 11/04/2019	30MHz to 1.5GHz VNA				Drawn By: Josh Johnson
	LO Fi  PLL w/ VCO MAX2871 23.5-6000 MHz -4 to +5dBm  SP4T Switch PE42440 IL = 0.5dB P1dB = +41dBm	SP4T Switch PE42440 IL = 0.5dB P1dB = +41dB	Variable Attenua SKY12347-362L (0.5dB to 31.5dl	F TRF37A75	Coupling  Directional Coupler ADC-15-4+ ADC-15-4+ F = 5 to 1000 HMz IL = 0.6dB I5dB Coupling > 24dB Directivity  Coupling Directional Coupler ADC-15-4+ F = 5 to 1000MHz IL = 0.6dB I5dB Coupling > 24dB Directivity
		LFCN-400+ LFCN-1000+			
		LFCN-1500+	Level Control	Log Power Detector AD8319 F = 1 MHz to 10 GHz Pin = -50 to 0 dBm	-6dB Resistive Split
MCU Gain/Phase Detector  STM32F373 16bit Delta-Sigma ADC Inbuilt USB					
		V MAG	RF A (REF)	Reference	
Host Computer	USB ADC ADC SPI Flash	] AD830	SPDT Switch F2923 IL = 0.5dB ISO > 60dB Ret		
		V PHASE	RF B (DUT)	Through Signal -21dB	-6dB
		Gain / Phase I AD8302 Pin = -60 to 0 Fin = 0 to 270 Vout = 0 to 1.	ldBm )0MHz		-21dB