

KH6HTV VIDEO -- PRICE LIST Rev. Nov. 2019

web site = www.kh6htv.com e-mail = kh6htv@arrl.net

SALE of SURPLUS ITEMS:

Spectrum International, Inter-Digital Band-Pass, 70cm, TV Channel Filters \$200 ea.
two filters immediately available. Ch 57 (420-426MHz) & Ch 60 (438-444MHz). Other channels/frequency might also be available from Boulder stock. 5 pole, BNC, rugged construction. Used -- pulled from Boulder ATV repeater. Good condition. The pair can be used to build an in-band, 70cm ATV repeater. For details, see AN-22b, pp. 2-4. Can be retuned over limited range as desired. Contact kh6htv@arrl.net for more info.

PICOSECOND PULSE LABS --- PULSE GENERATORS

(These are extremely Rare and no longer commercially available.)

(PSPL was purchased by Tek in 2014 and Tek has since discontinued the entire line of PSPL products.)

PSPL Model 4015C, 15 ps Pulse Generator \$15,000

This generator includes the small 15 ps Remote Pulse Head, model 4015RPH. Caution: most used 4015s offered on the used equipment market do not include this critical part. It usually is lost. Without this Pulse Head, it is impossible to generate the 15 ps pulse.

The generator puts out a -9 V, 15 ps falltime step pulse. Using the accessory model 5208 Impulse Forming Network, a -3 V, 22 ps wide impulse can be generated. 500 kHz max. rep. rate. Internal or external triggering. < 1 ps rms jitter. includes manual. s/n 211, "clean" option. pulse head, s/n 232. Model 5208 IFN also available for sale, s/n 1, **\$3,000** Purchase orders from govt. or commercial firms accepted. For more details and copy of the spec. sheet, contact kh6htv@arrl.net

PSPL Model 4050B, 45 ps Pulse Generator \$5,000

This generator includes the small 45 ps Remote Pulse Head, model 4050RPH. Caution: most used 4050s offered on the used equipment market do not include this critical part. It usually is lost. Without this Pulse Head, it is impossible to generate the 45 ps pulse.

The generator puts out a +10 V, 45ps risetime step pulse. Using the accessory model 5210 Impulse Forming Network, a +2.5 V, 50 ps wide impulse can be generated. 1 MHz max. rep. rate. Internal or external triggering. 1.5 ps rms jitter. includes manual, s/n 8, pulse head, s/n 14. Model 5210 IFN also available for sale, **\$1,500** Purchase orders from govt. or commercial firms accepted. For more details and copy of the spec. sheet, contact kh6htv@arrl.net

PSPL Model 2000, 50V, 300 ps Pulse Generator \$500

50 Volt into 50 Ω (1 Amp), 300 ps risetime step function generator. 20 ns pulse duration. 100 kHz max. rep. rate. Internal or external triggering, no manual option -02, s/n 31. Purchase orders from govt. or commercial firms accepted. For more details and copy of the spec. sheet, contact kh6htv@arrl.net

HEWLETT - PACKARD, Tektronix & Polarad Surplus Test Equipment: (prices do not include shipping)

HP 300MHz, 64 bit WORD GENERATOR: includes following modules: model 8080A main frame, model 8081A 300MHz Rate Generator, model 8084A 64 bit Word Generator, and model 8083A Differential Output Amplifier. In operating condition. Price = \$1,000 (note: typical on-line price is \$2,000)

HP model 4274A Multi-Frequency LCR METER: includes model 16047A Test Fixture. In operating condition. Price = \$1,000 (note: typical on-line price is \$1,500 + \$500 for test fixture)

HP 12 GHz 140 series Sampling Oscilloscope: Price = \$400 includes the following items: HP model 140A oscilloscope main frame (works); HP model 1411A sampling vertical amplifier plug-in (works); HP model 1424A sampling horizontal time base plug-in (horiz. output does not work); HP 1430A, 12GHz, dual channel sampling head (works) (includes two APC-7, 50 ohm terminations & umbilical cord)

HP 4 & 12 GHz 180 series Sampling Oscilloscope: Price = \$200 includes the following items: HP 180A oscilloscope main frame (works); HP 1811A sampling vertical amplifier and time base plug-in (needs repair); HP 1430A, 12GHz, dual channel sampling head (includes two APC-7 50 ohm terminations & umbilical cord) (Ch B is OK, Ch A is noisy); HP 1816A, 4GHz TDR sampling head (includes umbilical cord) (condition unknown)

HP model 616 Microwave Signal Generator: 1.9 - 4.2 GHz Price = \$50 note: will not ship, local pick-up only

HP model 618 Microwave Signal Generator: 3.8 - 7.6 GHz Price = \$50 note: will not ship, local pick-up only

TEKTRONIX 4.5 GHz Sampling Oscilloscope: Price = \$200 includes the following items: Tek S-2, 75ps Sampling Head (works); Tek 3S2 sampling amplifier vertical plug-in (works); Tek 3T2 Random Sampling horizontal time base plug-in (works); Tek 3T77A sampling horizontal time base plug-in (trigger issues); NBS experimental - Random Sampling horizontal time base plug-in (works); & Tek 561A oscilloscope main frame (horiz deflection needs repair)

POLARAD model 1105E Microwave Signal Generator: 0.8 - 2.4 GHz Price = \$100 note: will not ship, local pick-up only