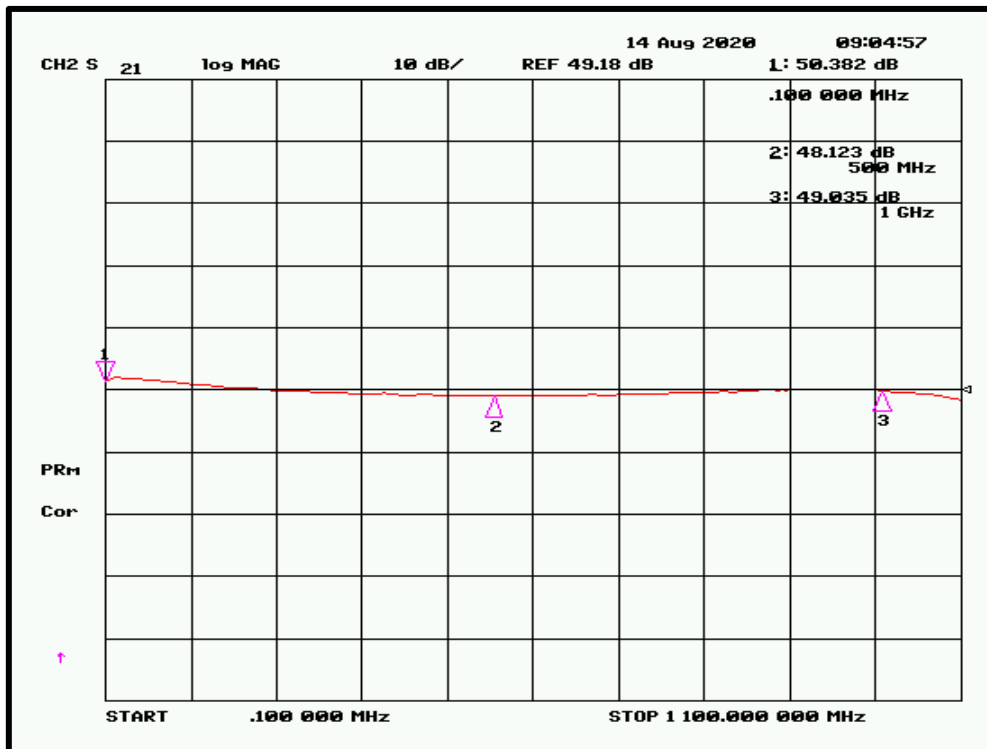


EPA-451G 100kHz to 1GHz PRE-AMPLIFIER

Technical data

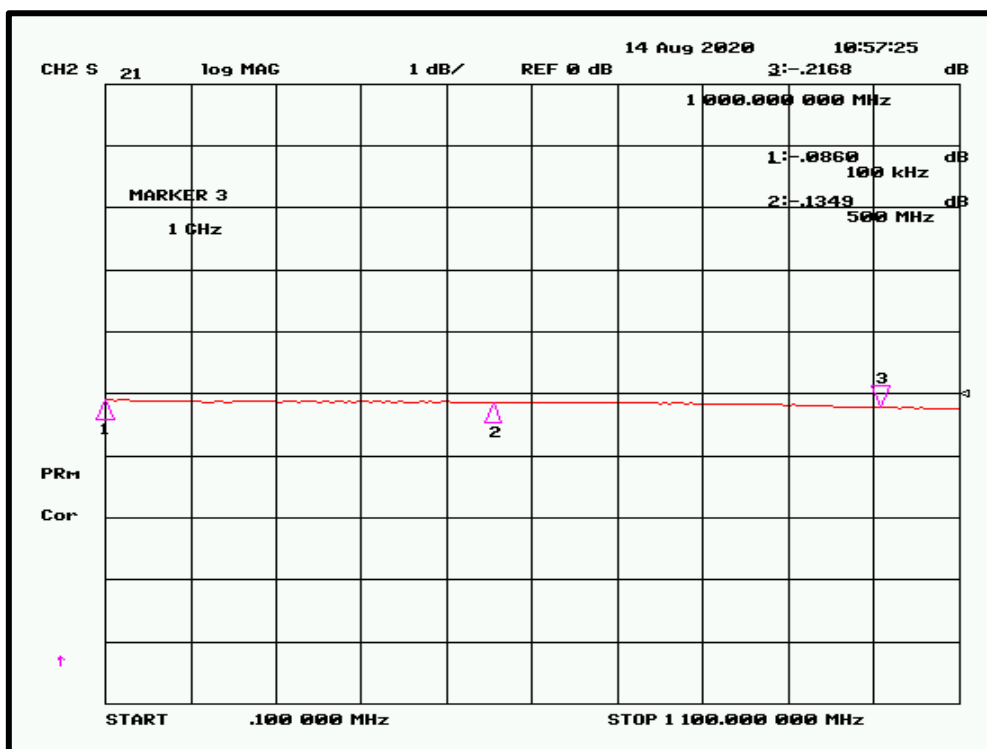


■GAIN

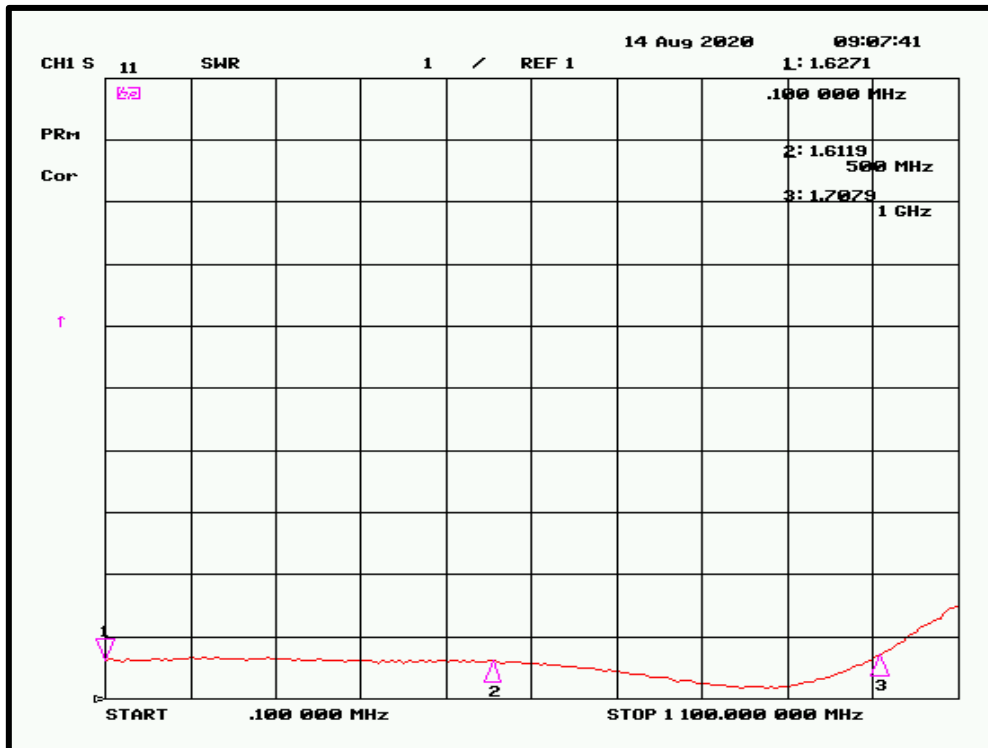


< 100kHz to 1GHz 45dB min. >

■Gain fluctuation (Cold start to 30min)

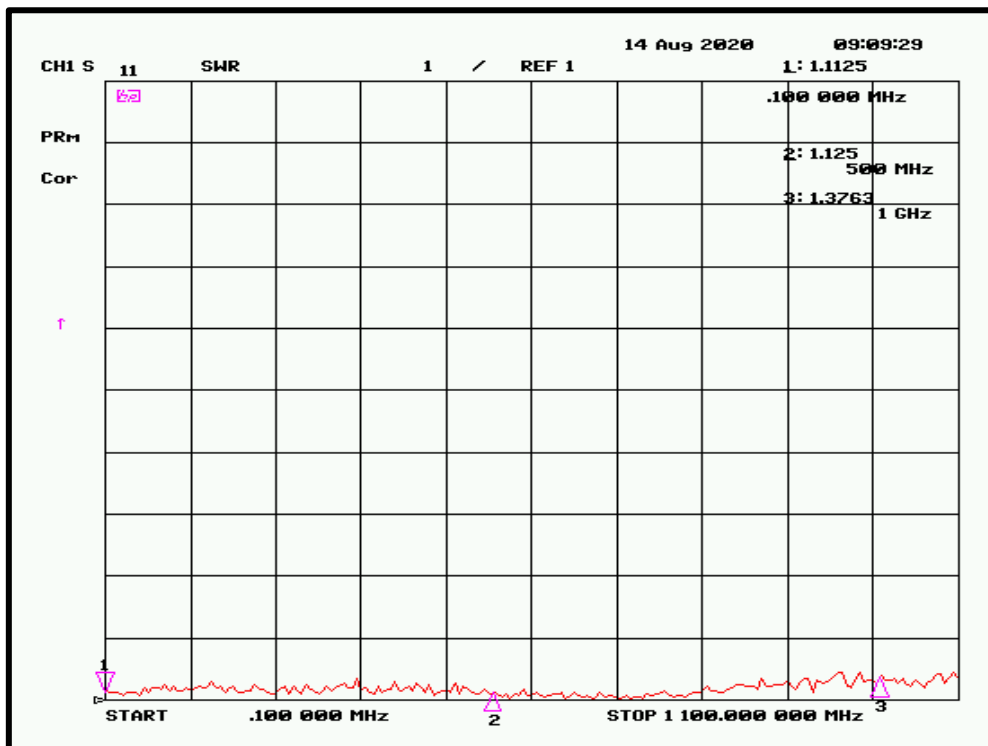


■Input Port VSWR



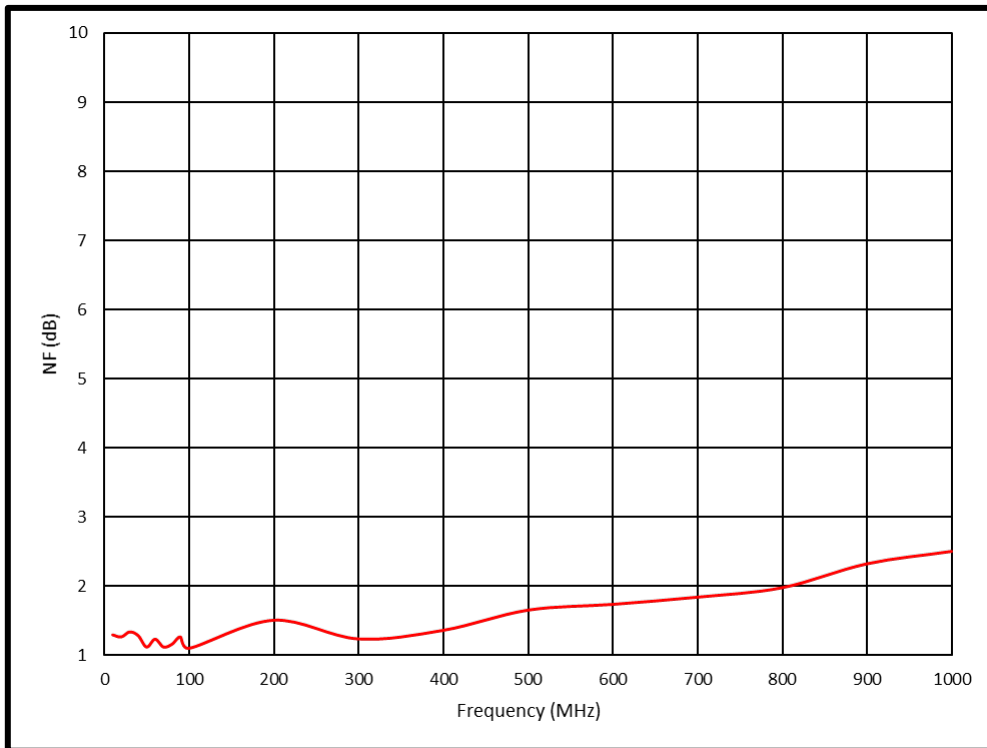
< 100kHz to 1GHz 2.5dB typ. >

■Output Port VSWR



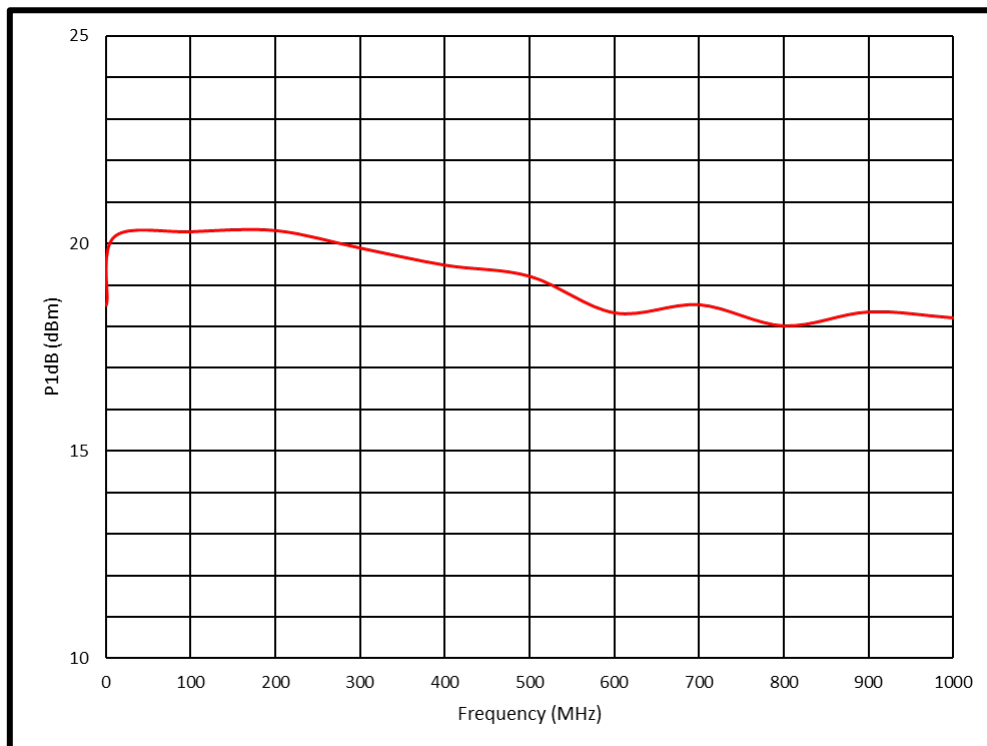
< 100kHz to 1GHz 2.5dB typ. >

■ Noise figure



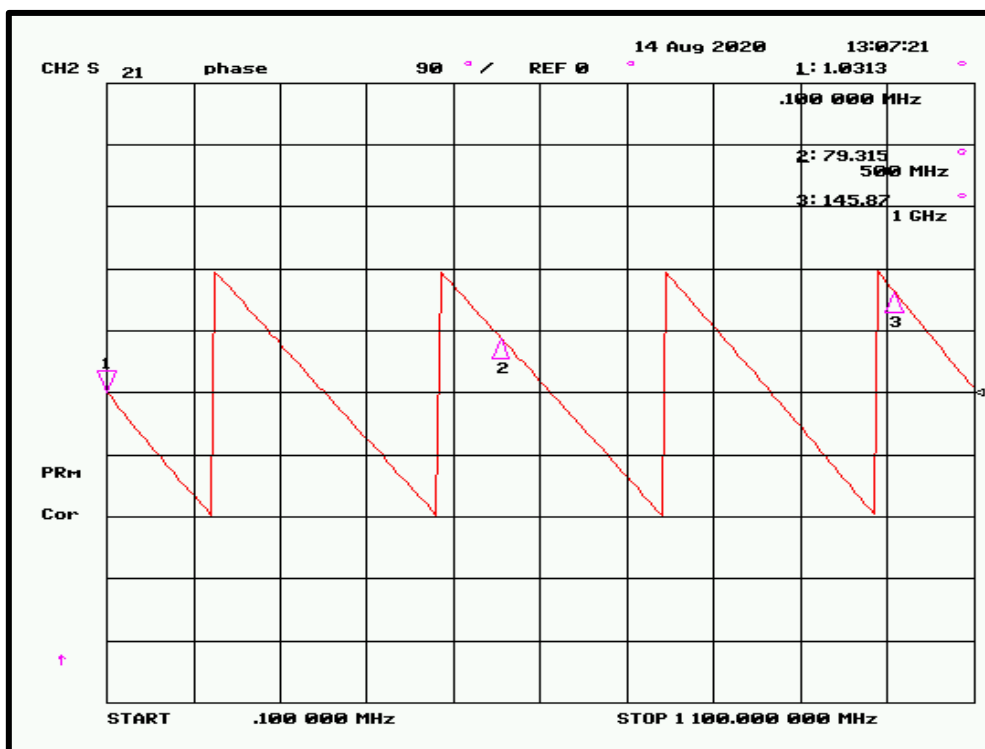
< 100kHz to 1GHz 3dB typ. >

■ Maximum Output Power vs. Frequency

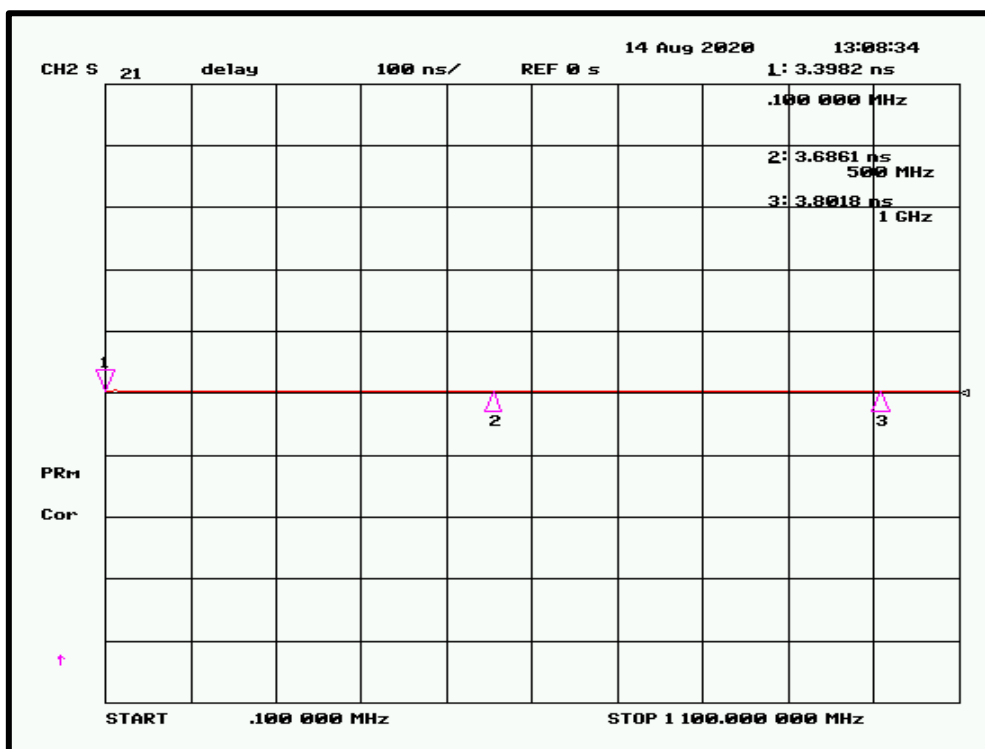


< 100kHz to 1GHz +17dBm min. >

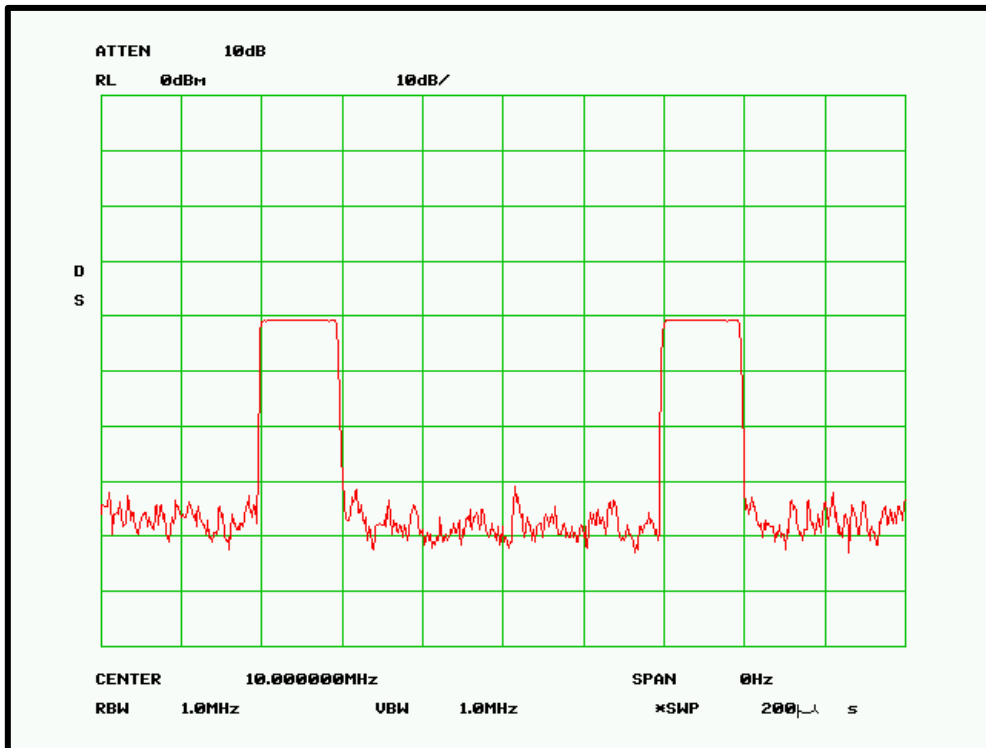
Phase



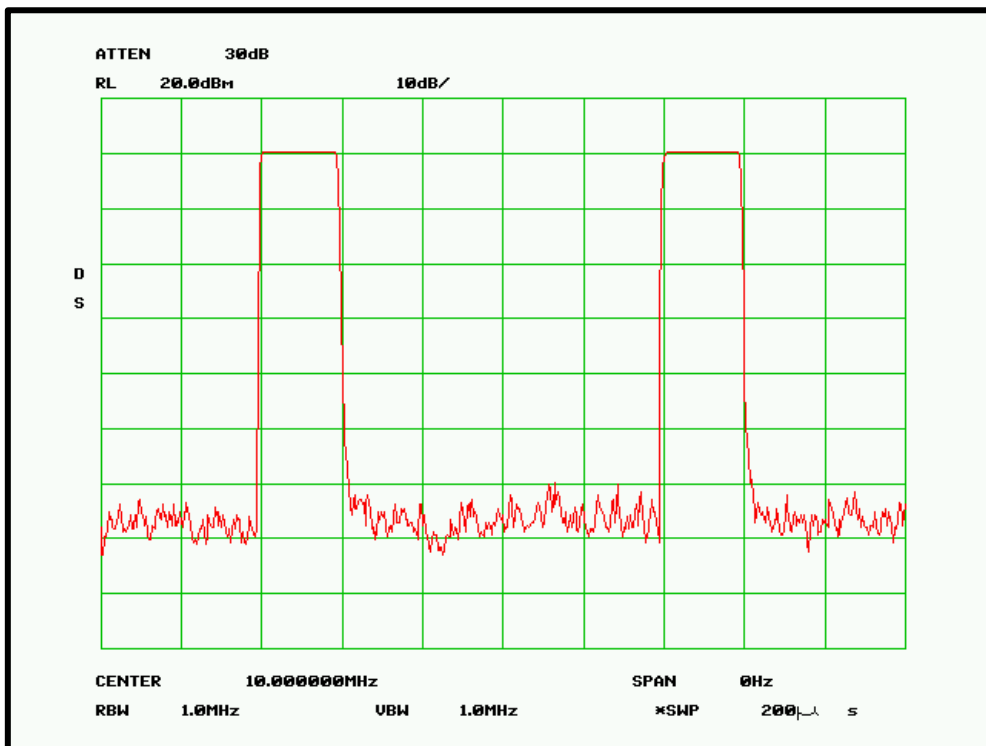
Group delay



■ Pulse input characteristics

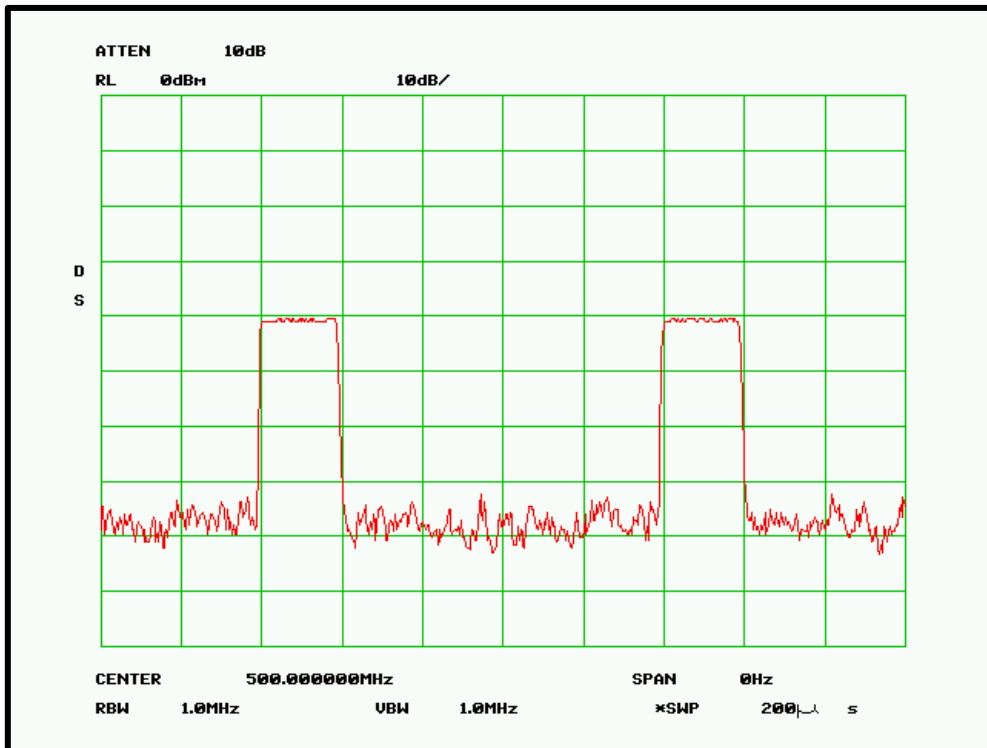


< Input Waveform at 10MHz >

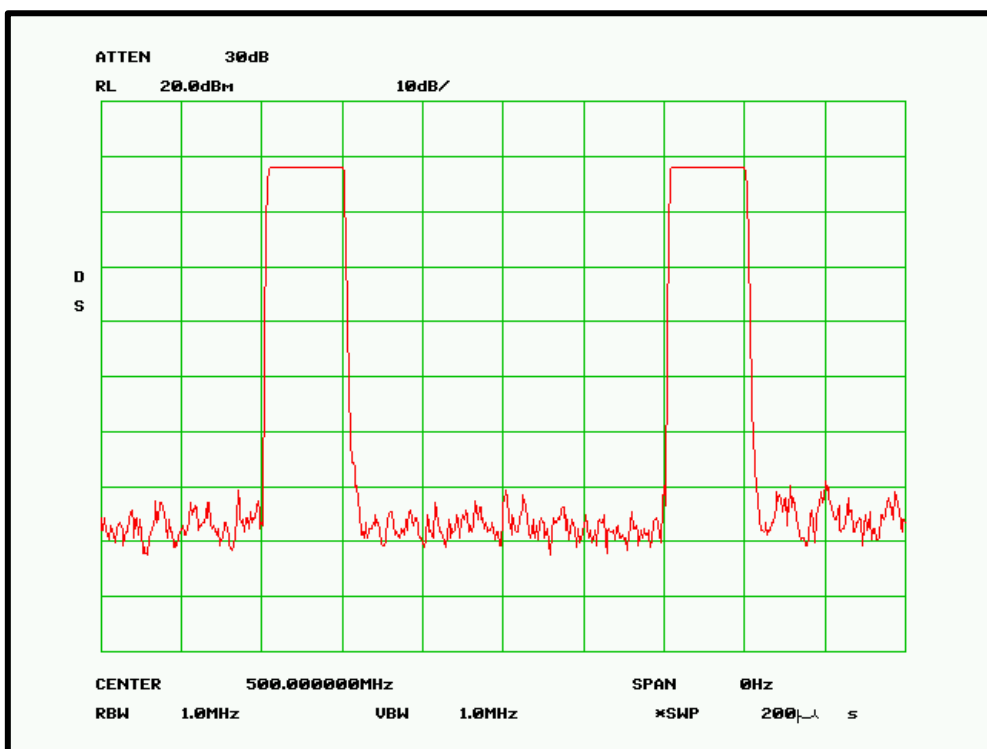


< Output Waveform at 10MHz >

■ Pulse input characteristics

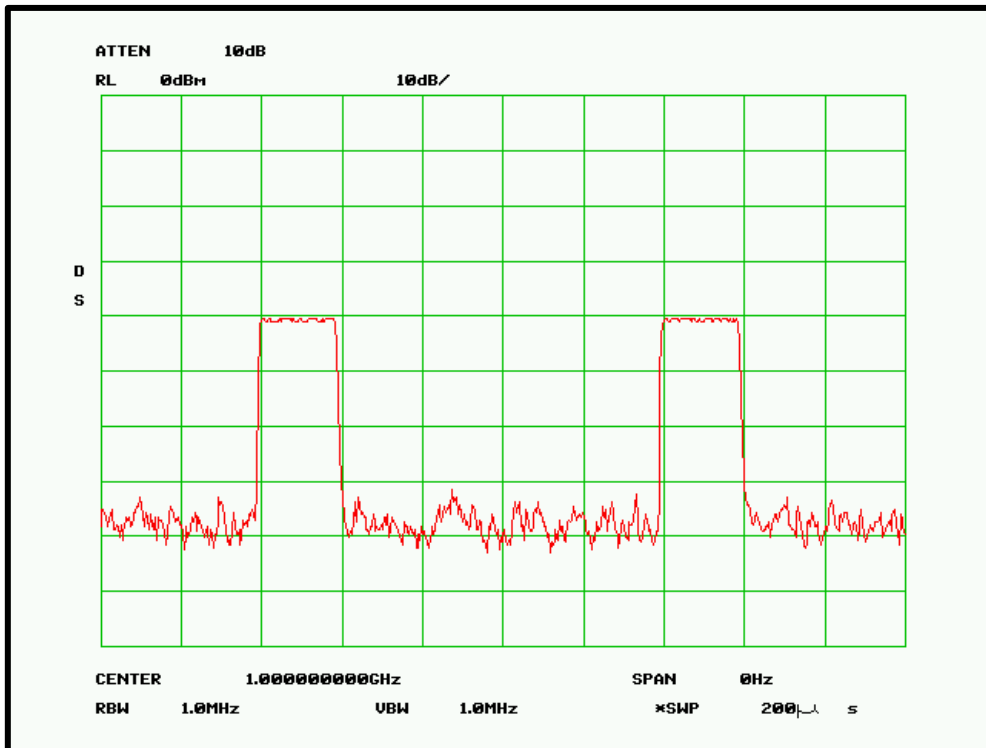


< Input Waveform at 500MHz >

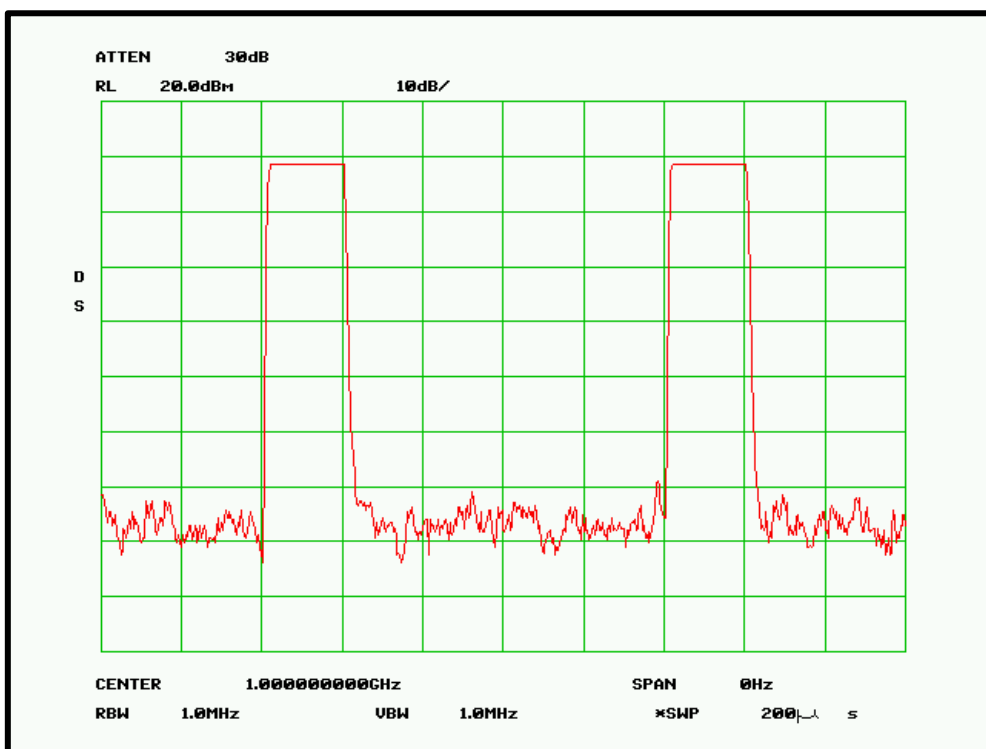


< Output Waveform at 500MHz >

■ Pulse input characteristics



< Input Waveform at 1000MHz >



< Output Waveform at 1000MHz >