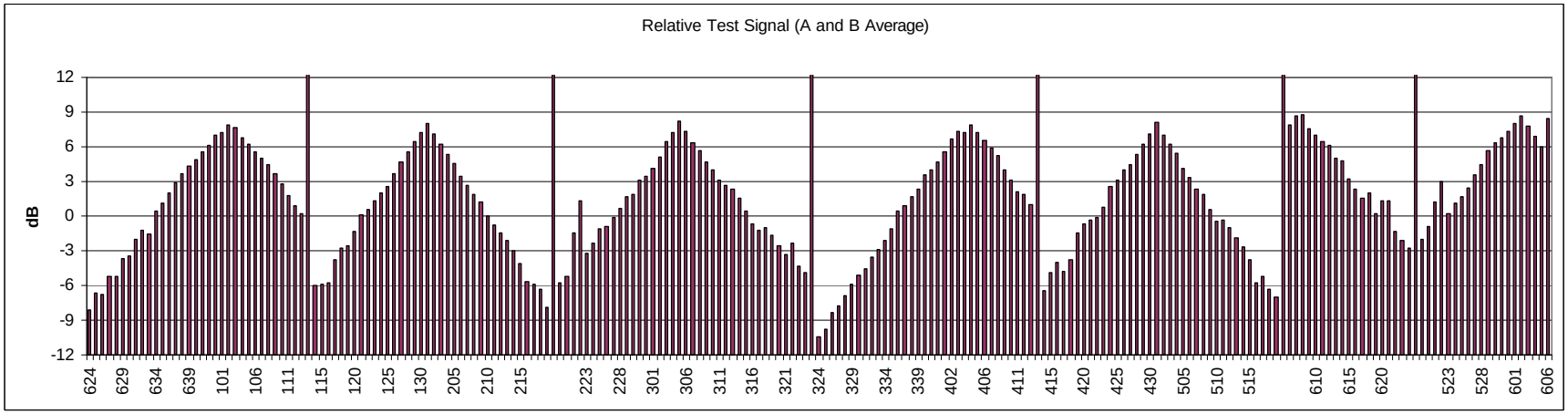
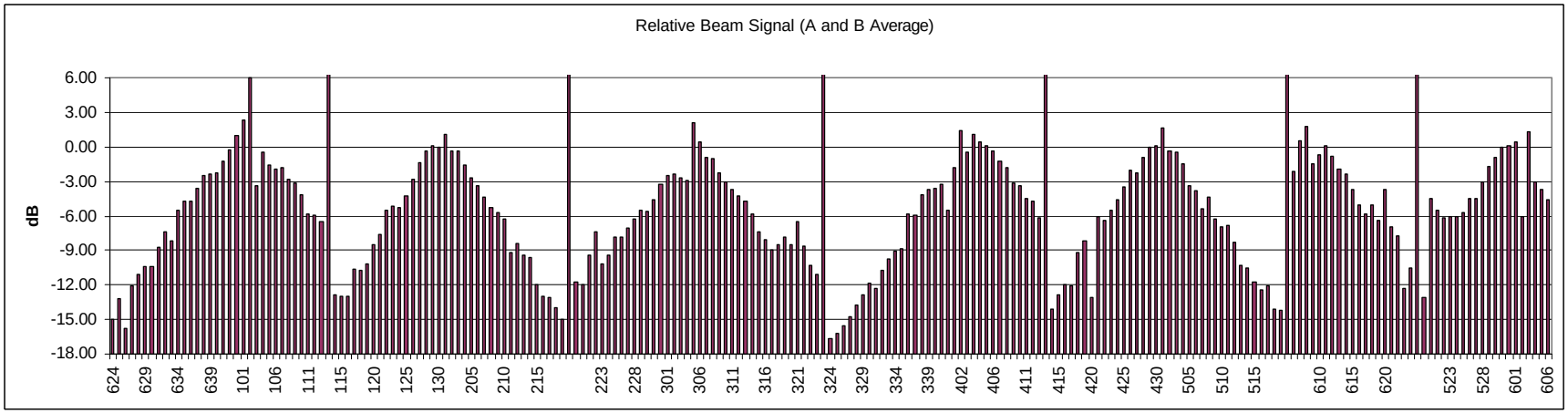
Measured Signal Amplitudes Thru MI BPM Cables with Fixed 53 MHz Input

(Tall bars represent house separations)



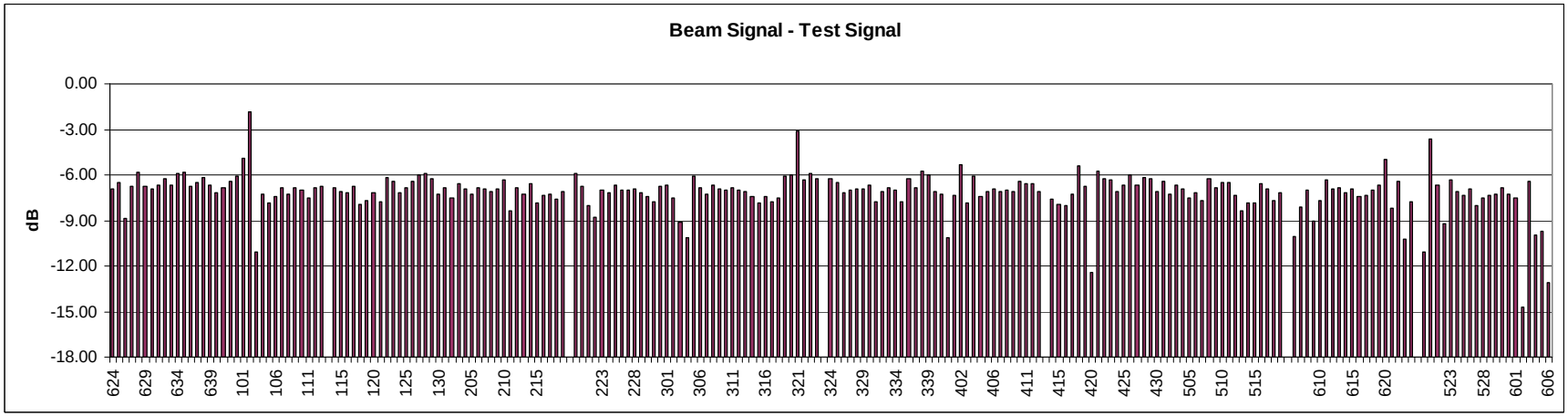
Relative Beam Signal Amplitudes Thru 53 MHz MI BPM System Channels

(Tall bars represent house separations)

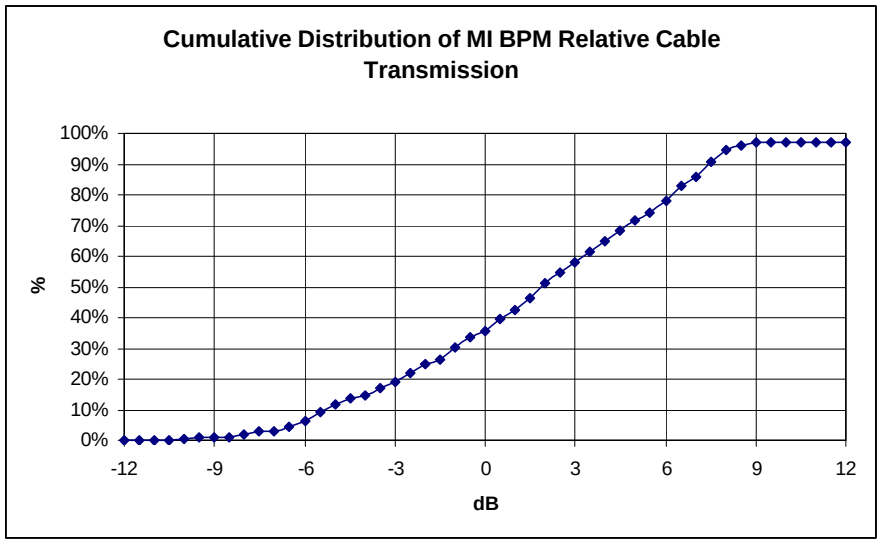


Relative Differences Between Beam and Test Signal Amplitudes

(Missing bars represent house separations)

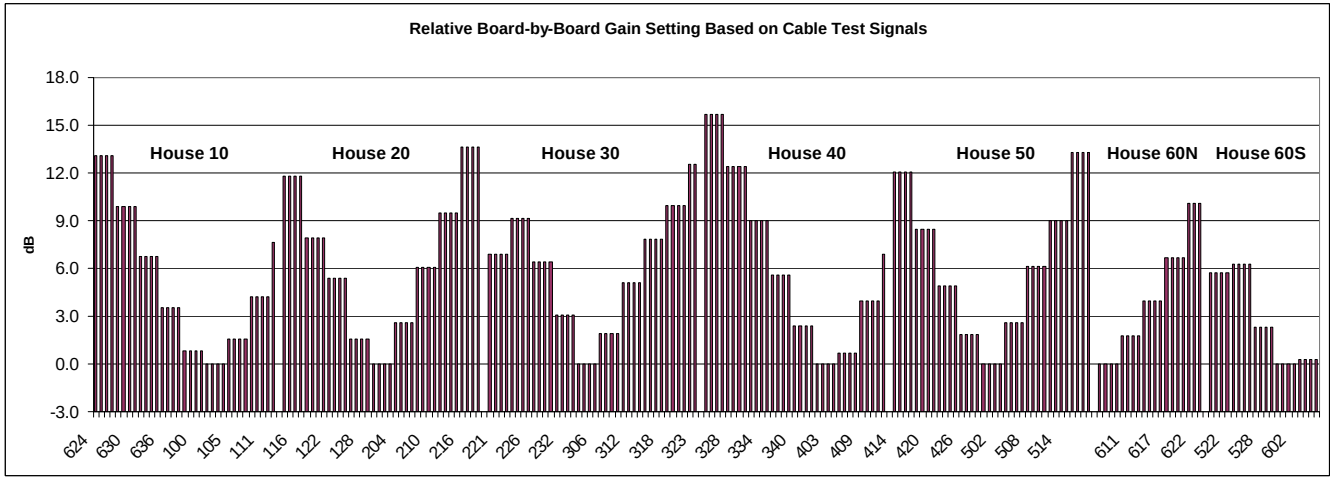


Fraction of Cables with Transmission Factor Below Arbitrary Reference



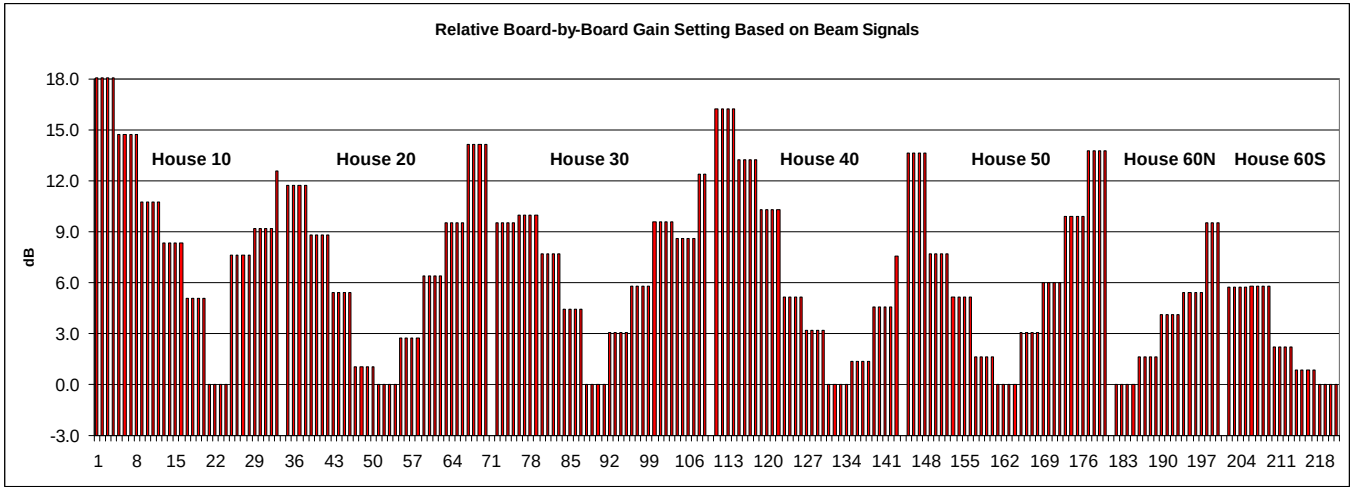
Board-by-Board Gains to Balance Signal Levels Based on Cable Test Signals

(Equalizing Max Signal on All Boards)
(Missing bars represent house separations)



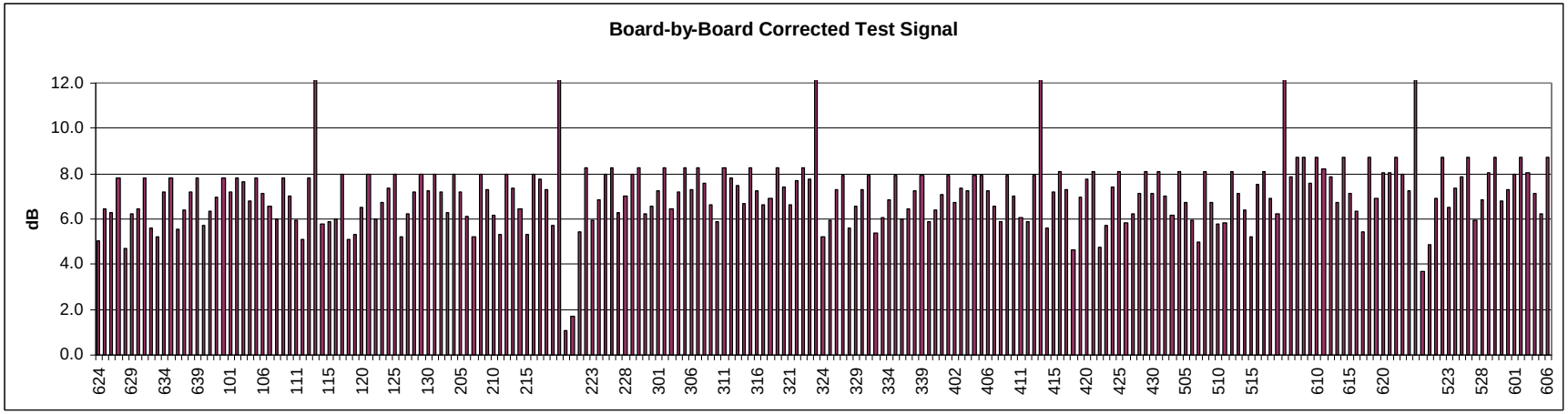
Board-by-Board Gains to Balance Signal Levels Based on Beam Signals

(Equalizing Max Signal on All Boards)
(Missing bars represent house separations)



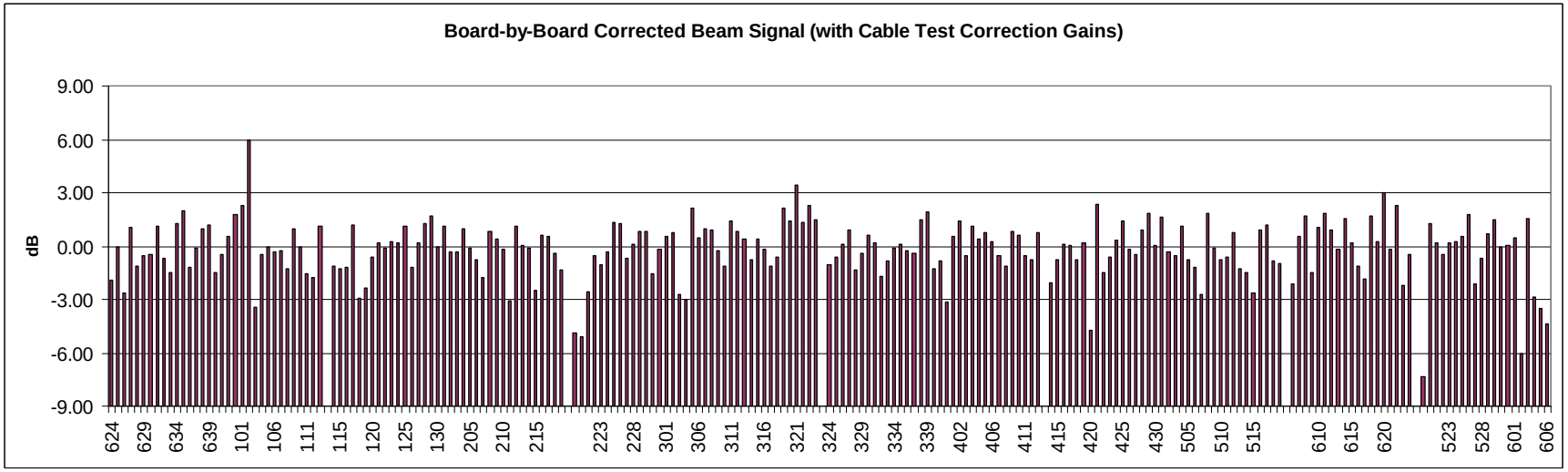
Results of Applying Board-by-Board Gains to Balance Cable Test Signal Levels

(Using Cable Test Gain Values)
(Tall bars represent house separations)

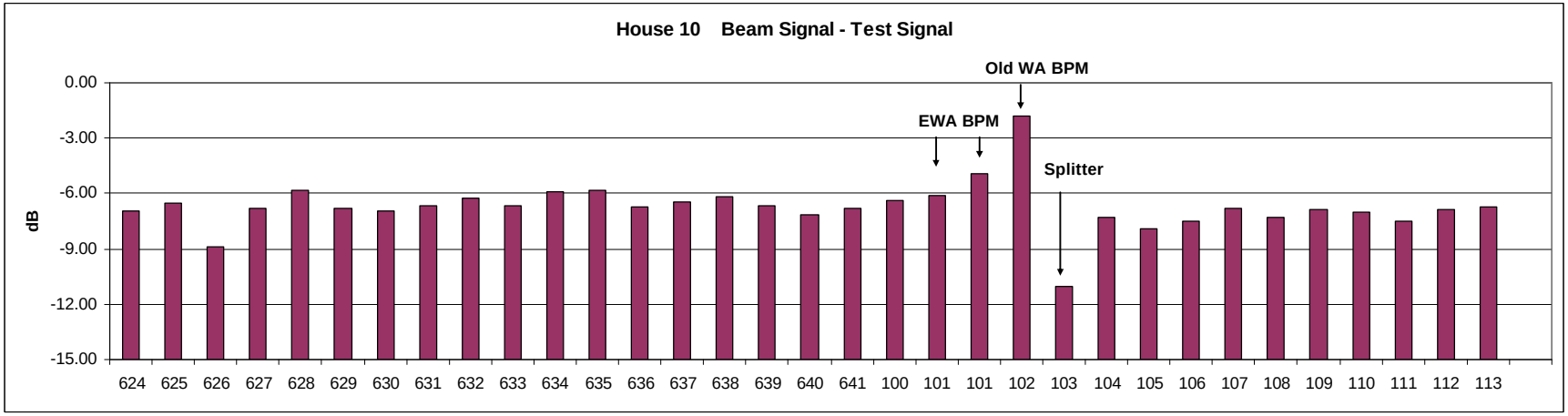


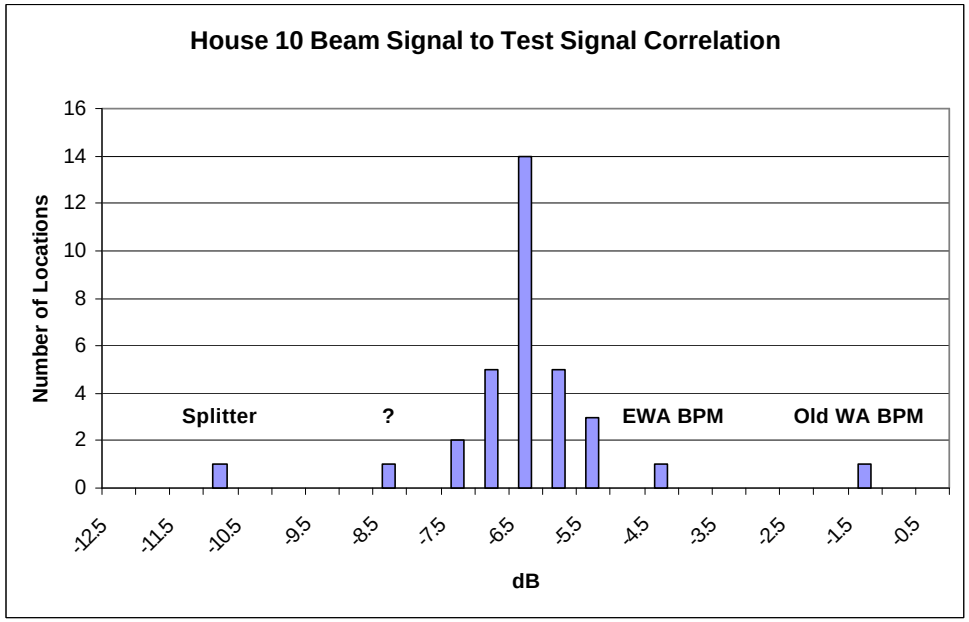
Results of Applying Board-by-Board Gains to Balance Beam Signal Levels

(Using Cable Test Gain Values)
(Missing bars represent house separations)

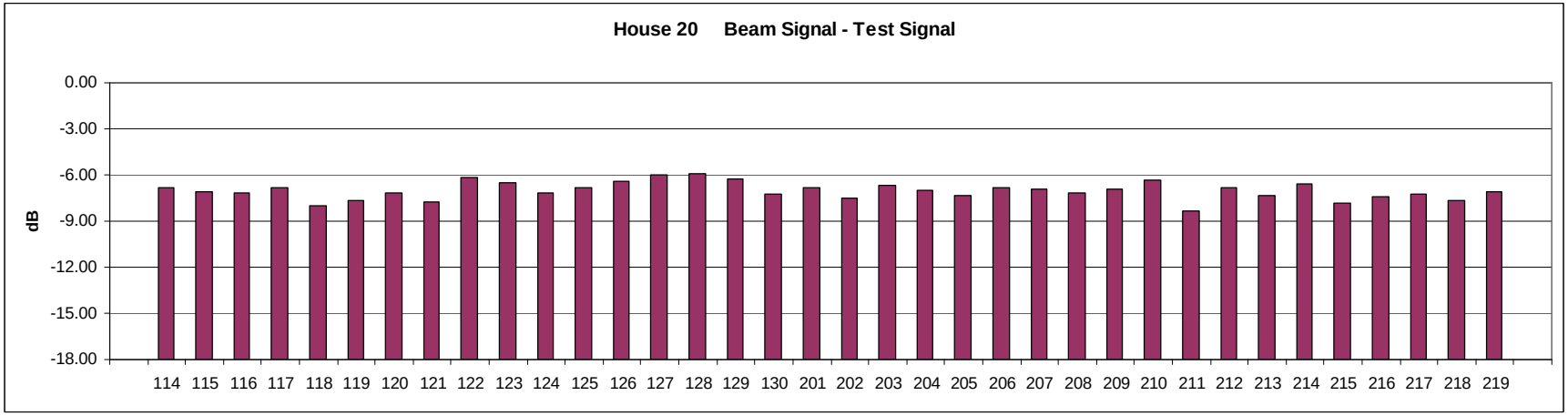


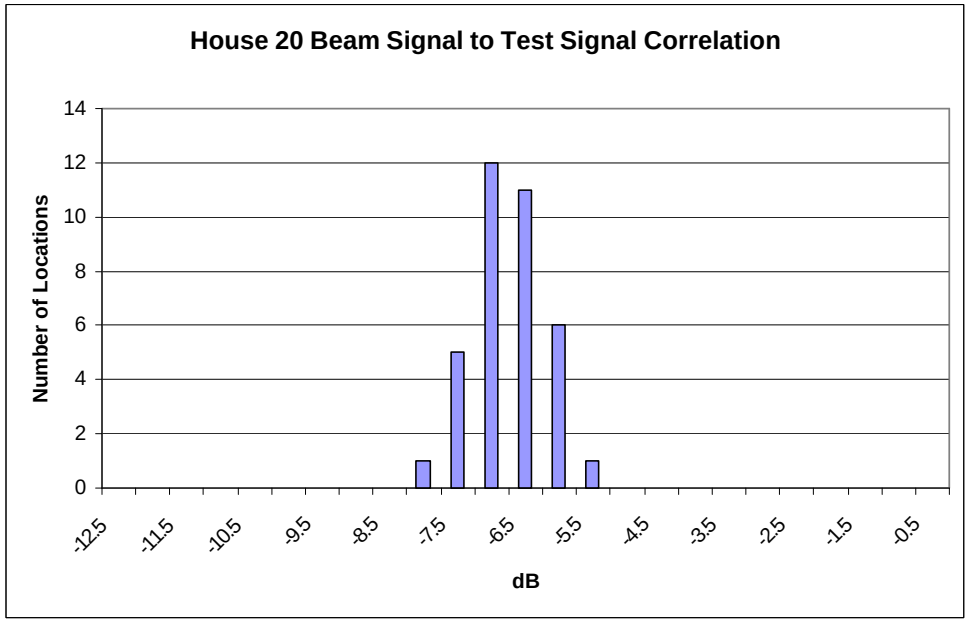
Comparing Relative Beam Signal Amplitudes to Cable Test Signal Amplitudes in House 10



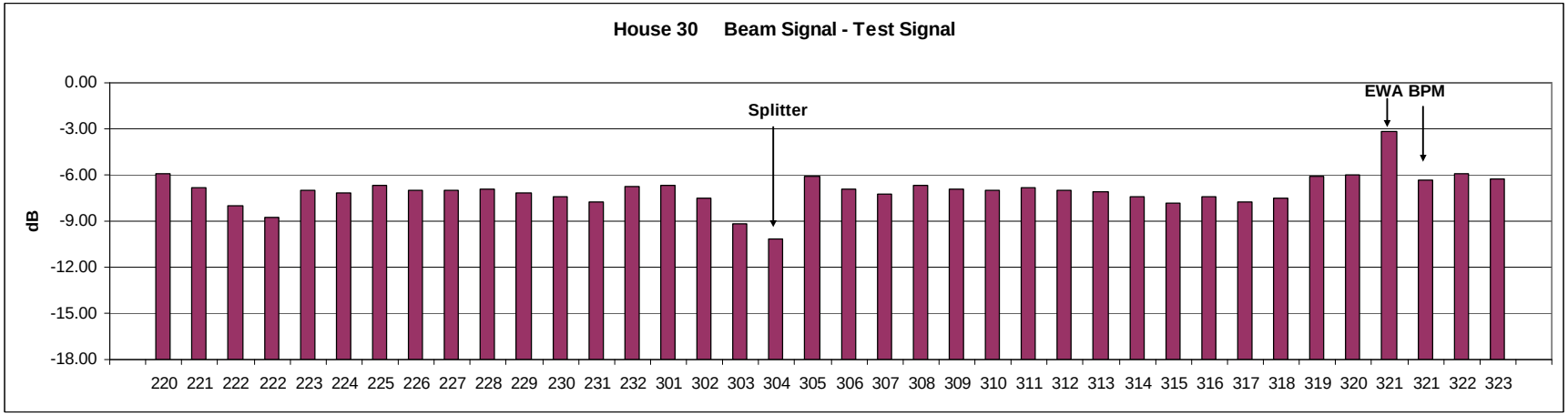


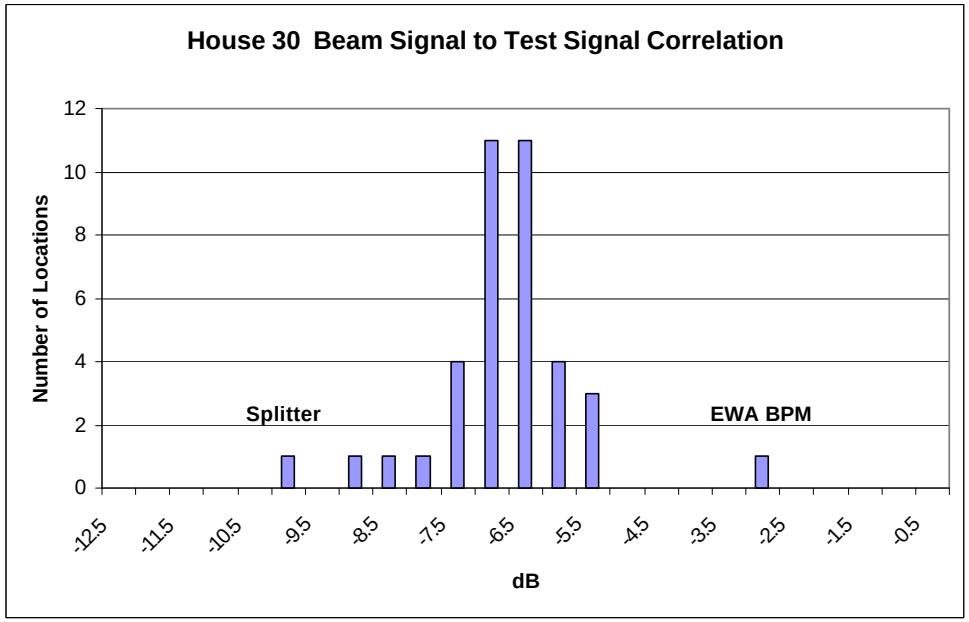
Comparing Relative Beam Signal Amplitudes to Cable Test Signal Amplitudes in House 20



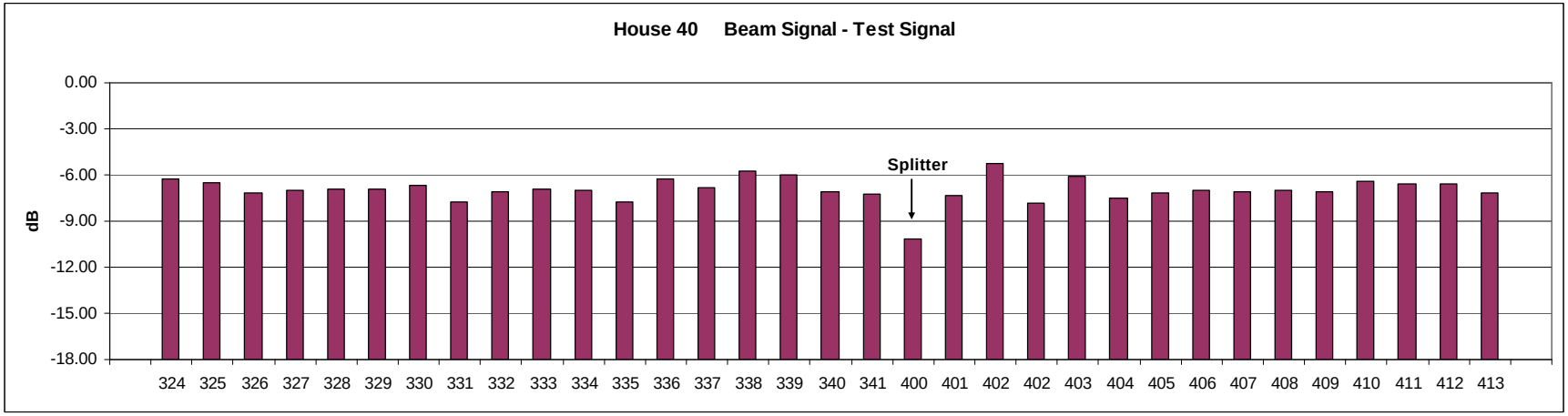


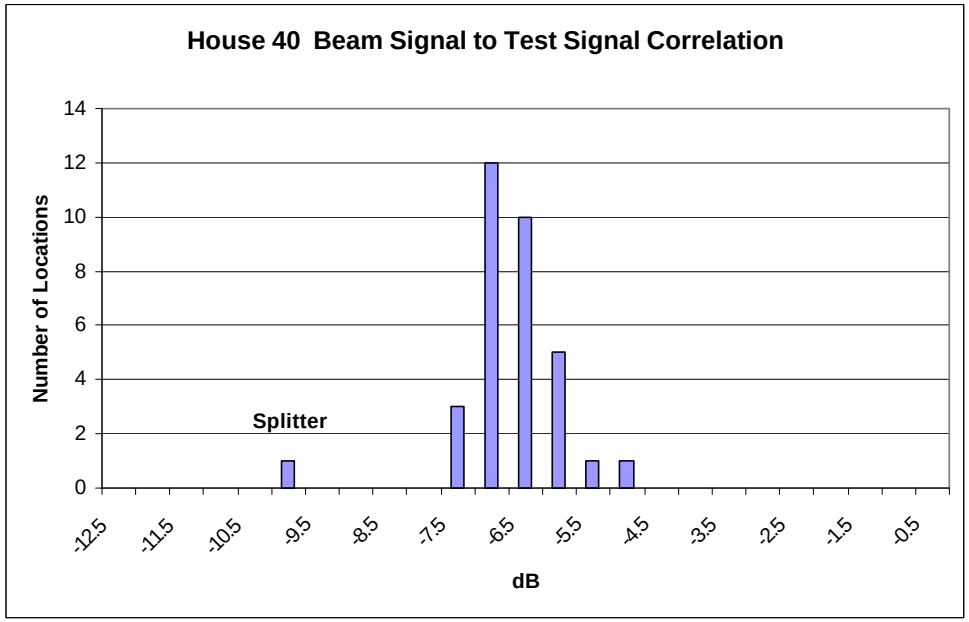
Comparing Relative Beam Signal Amplitudes to Cable Test Signal Amplitudes in House 30



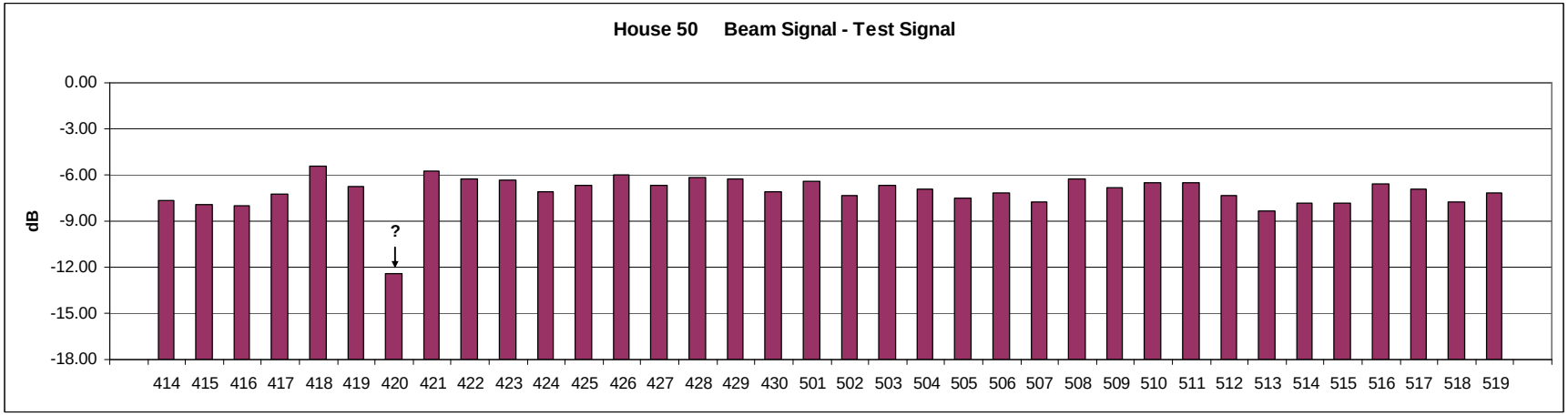


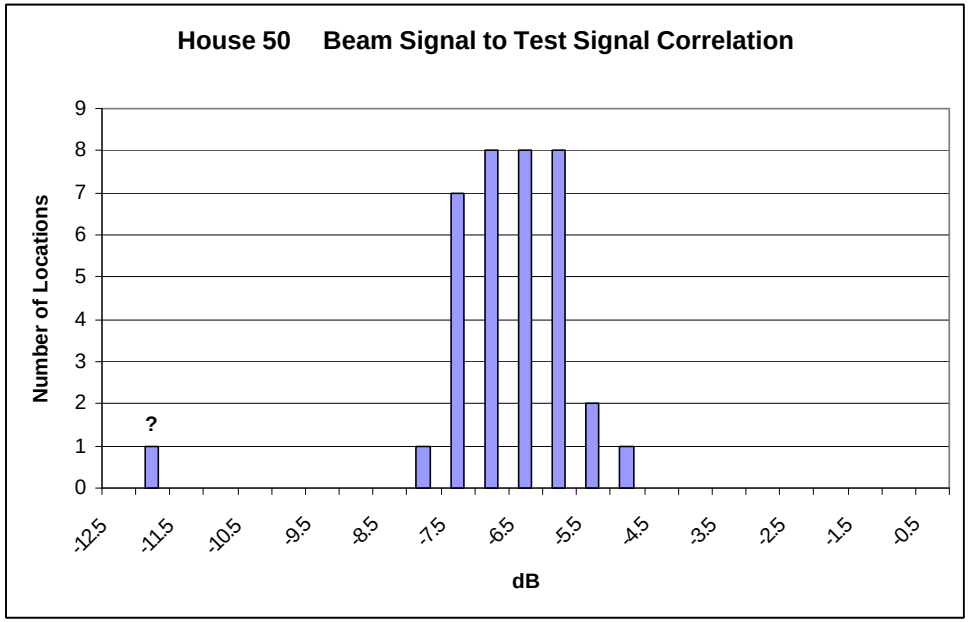
Comparing Relative Beam Signal Amplitudes to Cable Test Signal Amplitudes in House 40



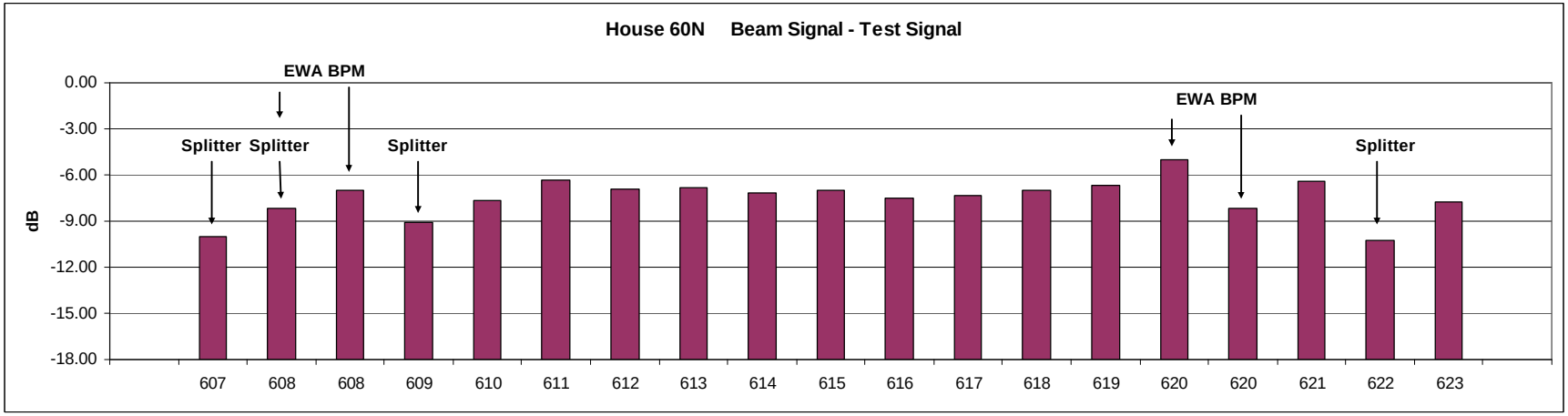


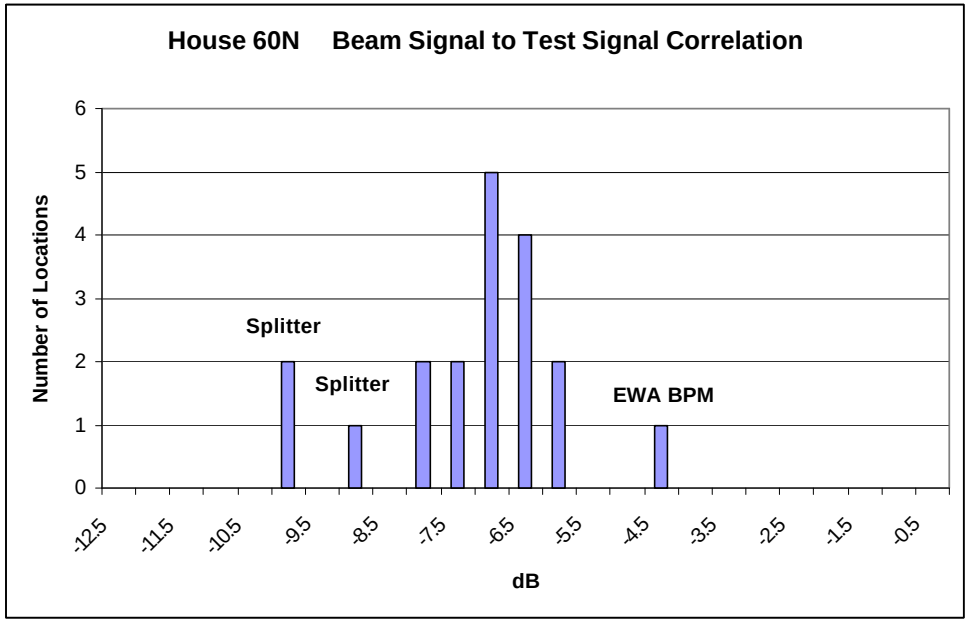
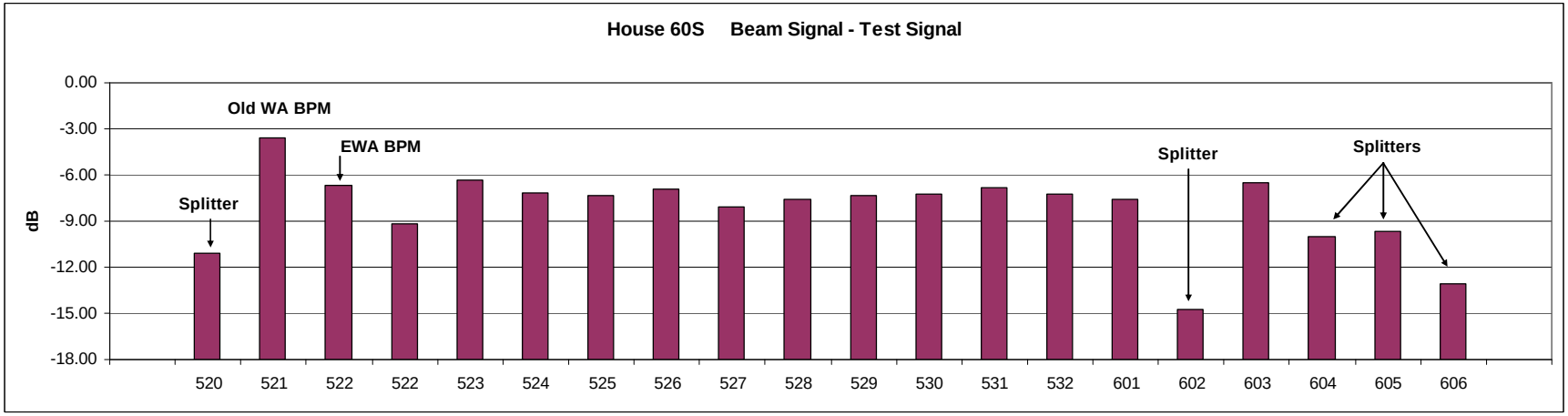
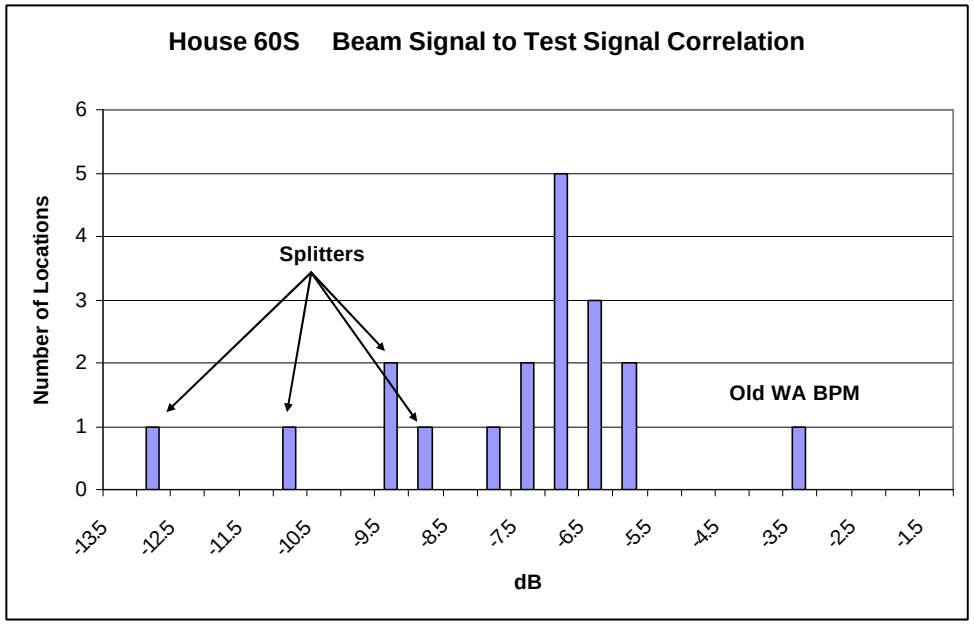
Comparing Relative Beam Signal Amplitudes to Cable Test Signal Amplitudes in House 50





Comparing Relative Beam Signal Amplitudes to Cable Test Signal Amplitudes in House 60N





Comparing Relative Beam Signal Amplitudes to Cable Test Signal Amplitudes in House 60S