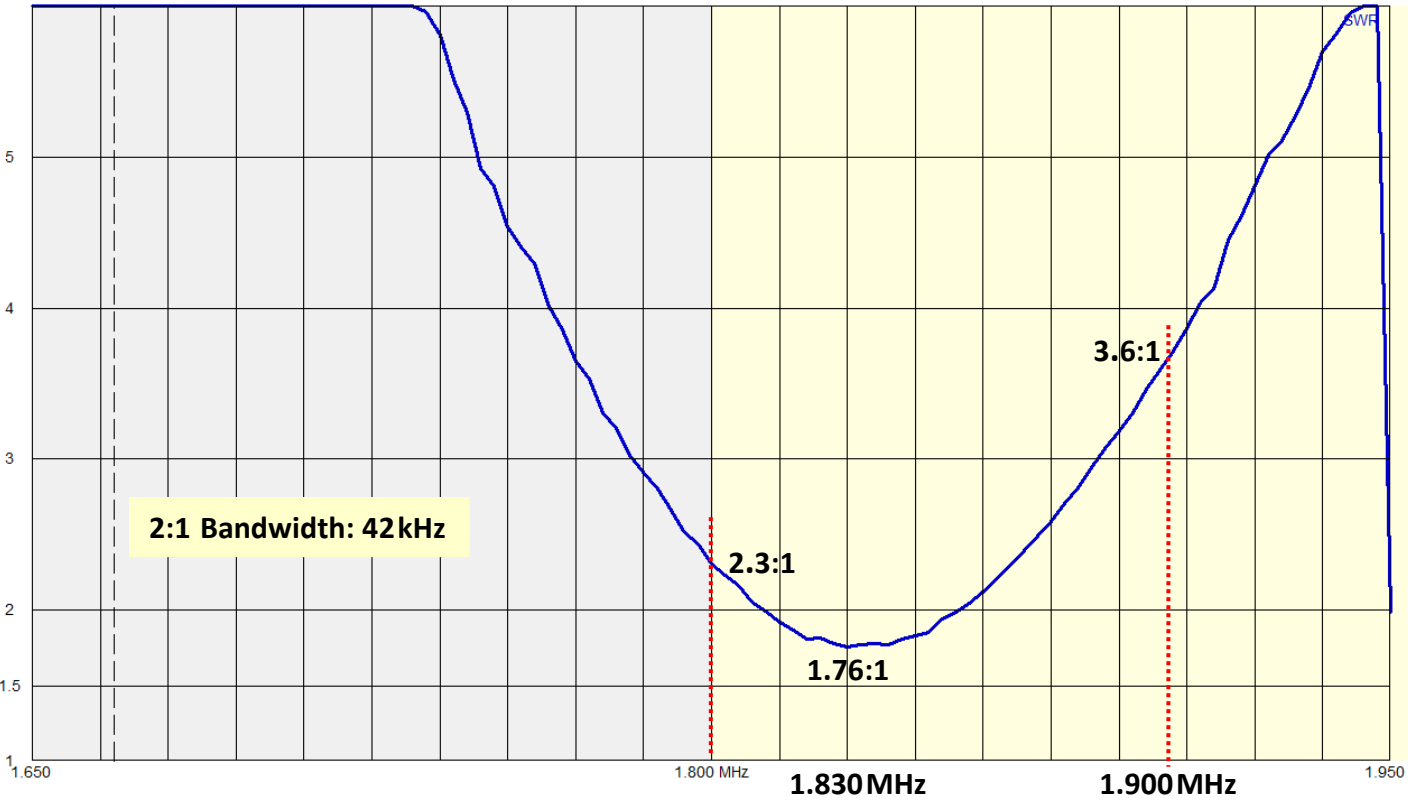


DJ0IP

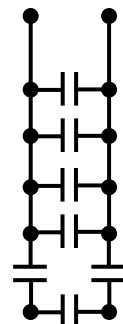
21-NOV-2012



Parameters at Resonance:

Fq = 1.827 MHz
 SWR = 1.78
 Return loss = 11.05 dB
 $Z = 72.1 - j27.2 \text{ Ohm}$
 $|Z| = 77.1 \text{ Ohm}$
 Phase = -20.7°
 $C = 3200 \text{ pF}$
 $Z_{\text{par}} = 82.4 - j218.5 \text{ Ohm}$
 $C_{\text{par}} = 398 \text{ pF}$
 Cable: Length(1/4) = 27.07 m, Length(1/2) = 54.15 m

Matching



All Capacitors are
 100pF @ 6KV
 (total: 433pF)