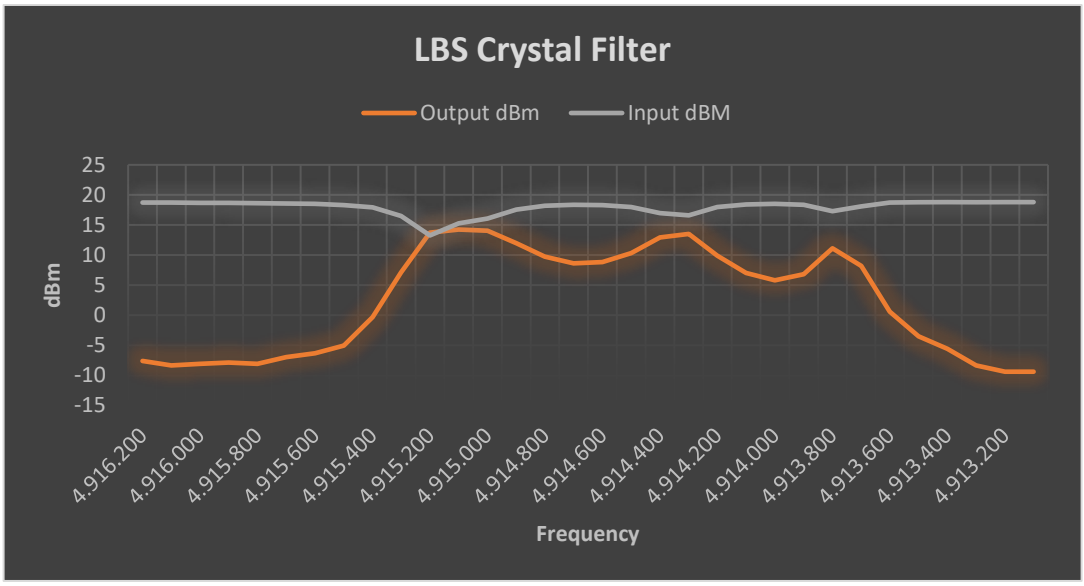

Assumptions and Method for Calculations:

I used 83 ohms for the impedance input to the transformer. This number was derived from the program Min Ring Core Calculator based on 3 turns out of a total of 6 on a FT37-43 core of which these 3 were tap to ground. The 6 turns presented 333 ohms impedance to the crystals.

RMS voltage readings were taken and converted to dBm with this formula. 10*LOG10(m/w)

3dB points were taken from the 1st peak and 3rd peak.

-3dB point calculations:

1st peak 4.915.100 @14.25dBm

2nd peak 4.913.800 @11.12dBm

-3dB points

11.3 and 8.1

Frequency at those points: 4.915.175 and 4.913.700

BW 1,475

Also plotted is the response of the sin wave on the input to the filter. (grey line)