

Information Supporting STA File Number 1278-EX-ST-2017

The intent of this memo is to show the measured harmonic rejection and occupied bandwidth characteristics of the emitter.

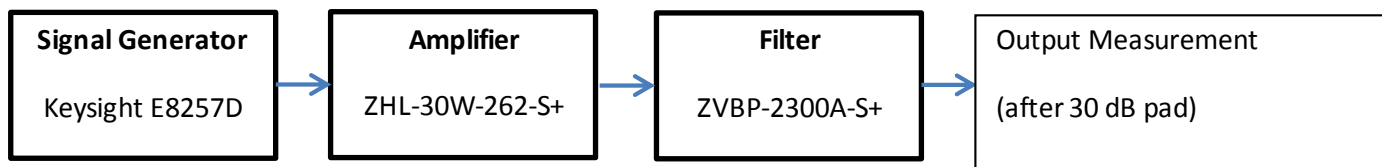


Figure 1 (Test Setup)

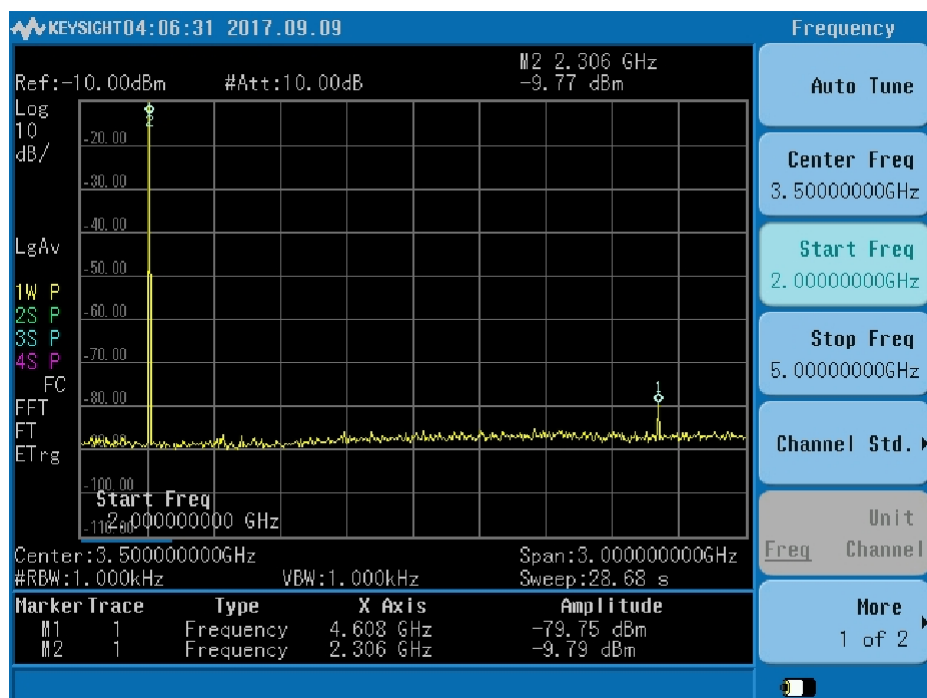


Figure 2 (Harmonic Measurement)

The 2nd Harmonic is measured to be -69.96 dBc

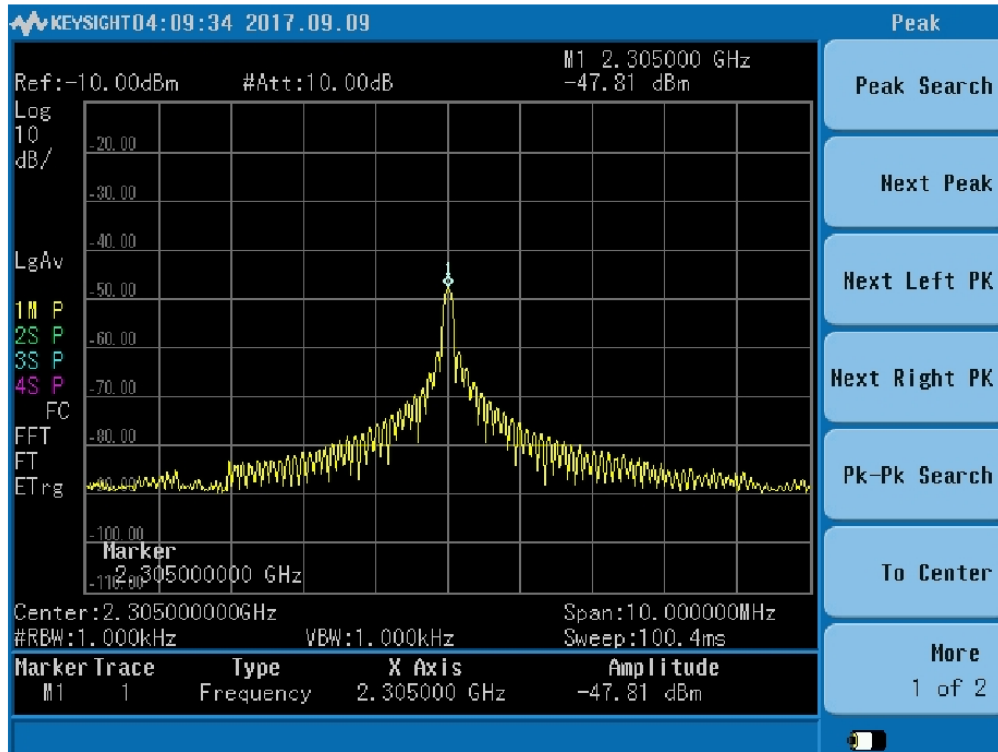


Figure 3 (Bandwidth Measurement)

Emitter setup: 10 pulses per second, 10 us pulse duration. Power levels are ~-34 dBc at 2 MHz offset .. level with noise floor at 5 MHz offset (extend of 13 cm allocation from 3100 to 3110).