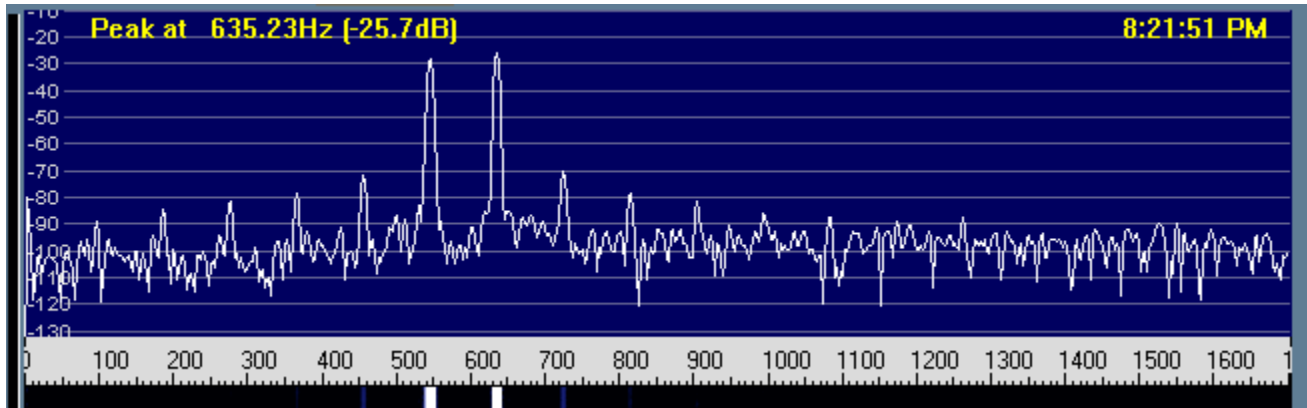


All of the readings taken in the K3IMDTest1 document were done with the AGC HLF setting at zero. I found that if I increased this from anything greater than zero, the IMD products were pretty much down in the noise. This test documents this behavior and checks a few other AGC settings.

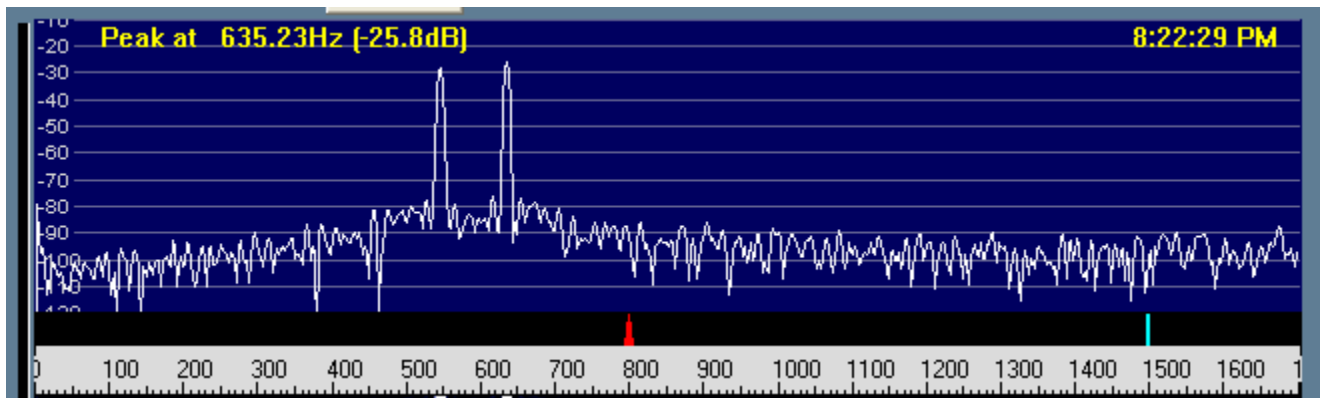
AGC HLD Variable.

Initial condition - Two Tone test on 3760 KHz - AGC S - S9 meter reading. RF Gain wide open. AF gain around 9 O'Clock. SSB filters.

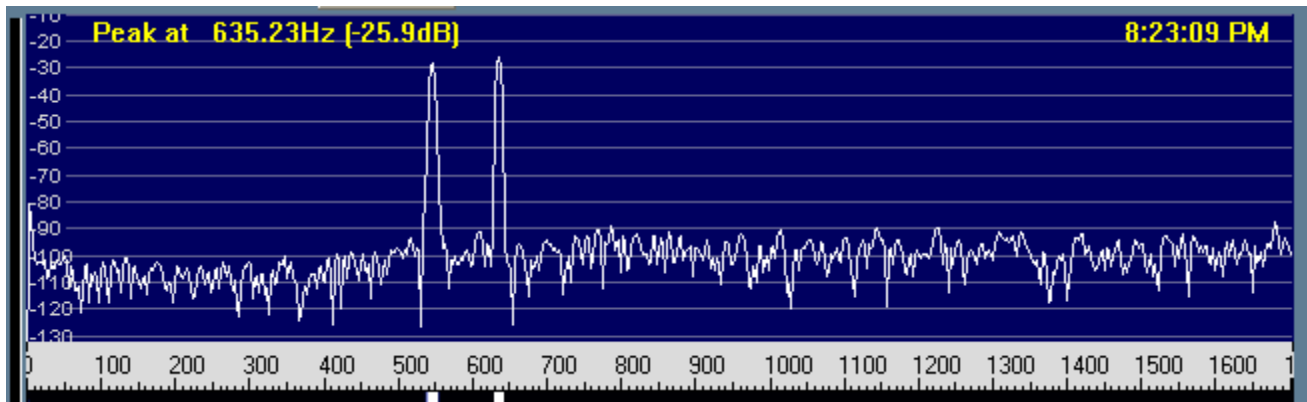
AGC HLD = 0      AGC SLP = 0      AGC THR = 8      AGC-S = 20      AGC F = 080



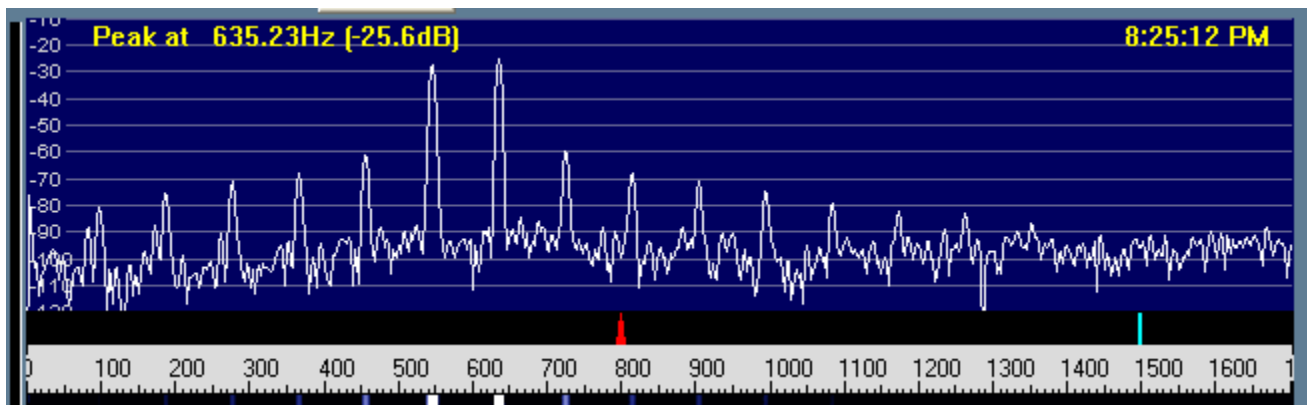
AGC HLD = 0.01



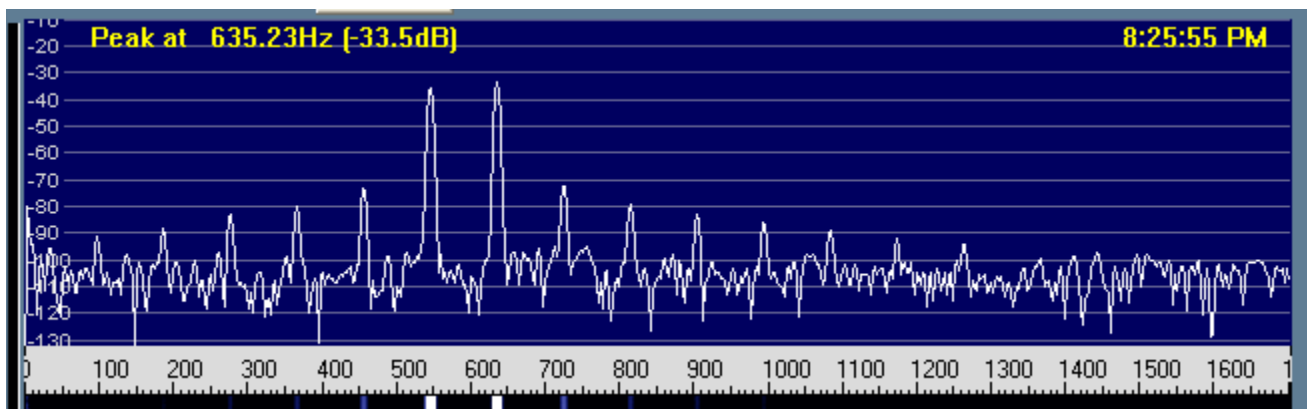
AGC HLD = 2.00



AGC - F AGC THR 008



AGC-F AGC THR 002



Not clear there is any IMD improvement - just everything moved down about 10 db.

Changed AGCF from 080 to 200 - maybe a little worse.

