

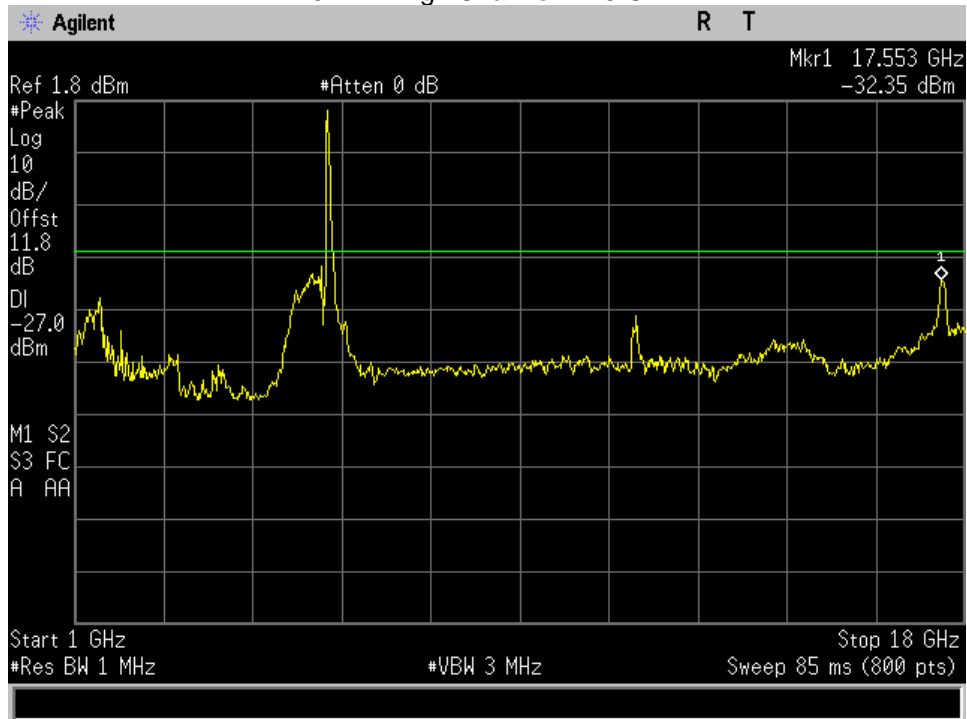


Annex A

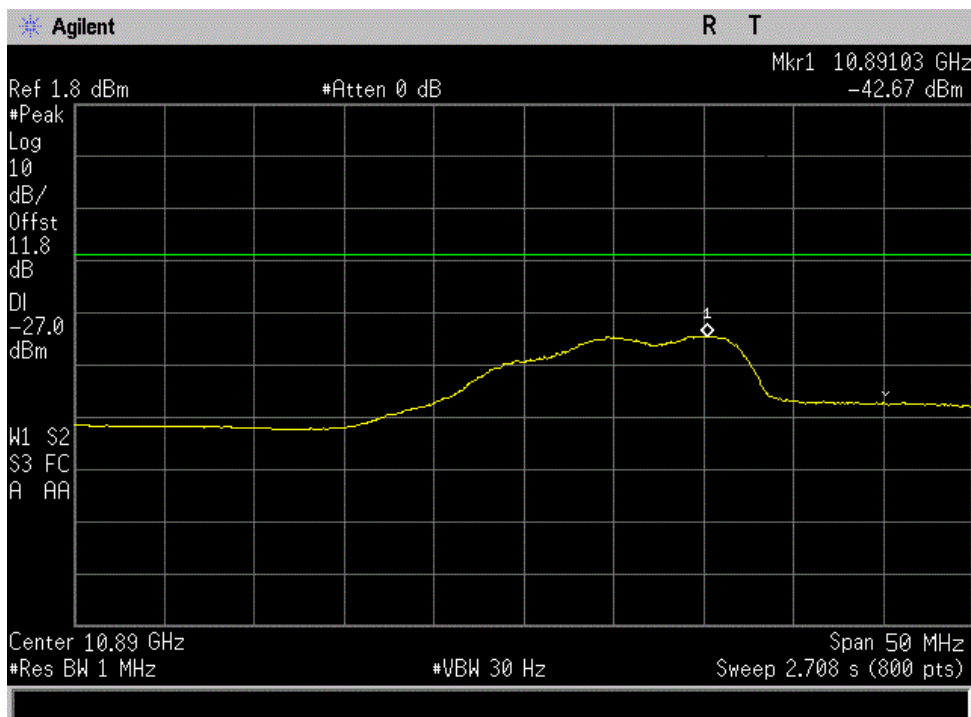
Radiated Spurious Emissions And Band Edge Mask



20 MHz High Channel 1-18 GHz

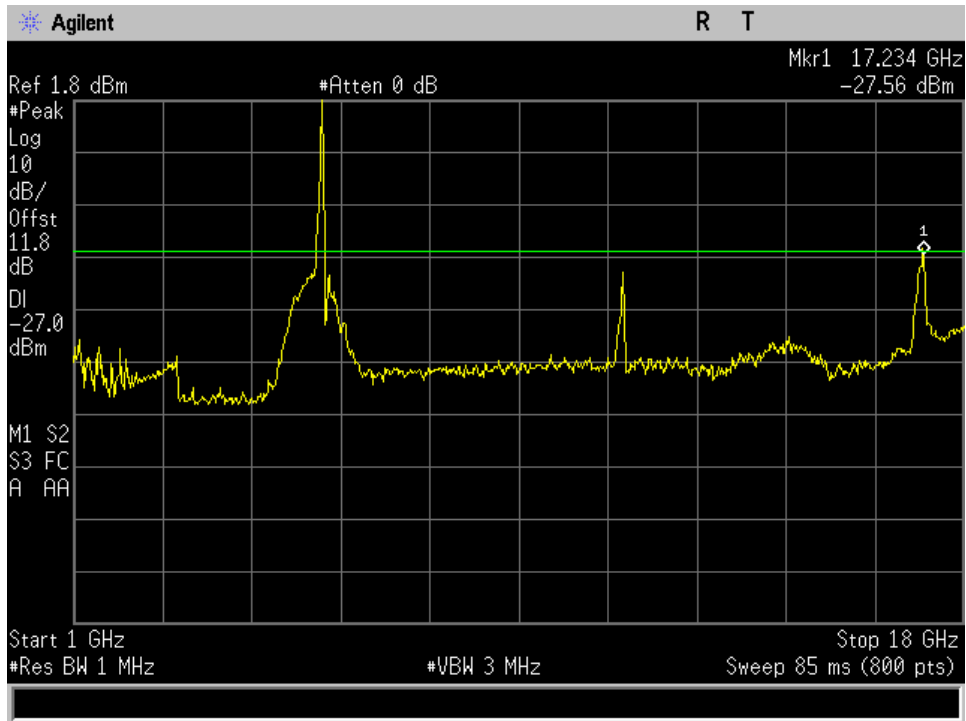


20 MHz High Channel 1-18 GHz @ 10.9

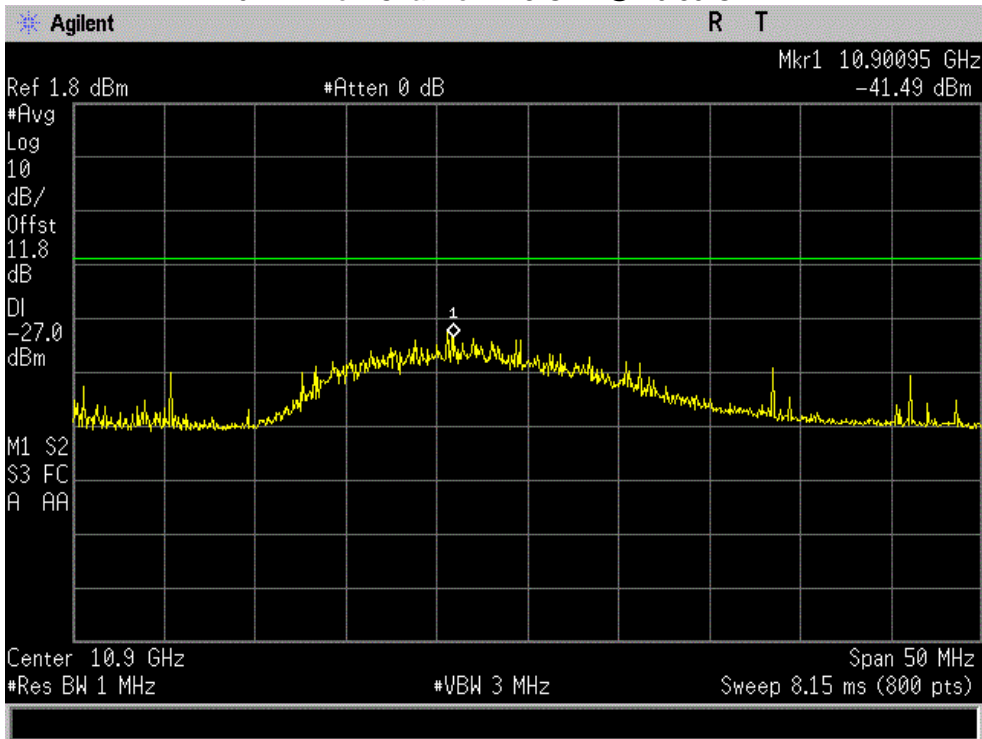




20 MHz Low Channel 1-18 GHz

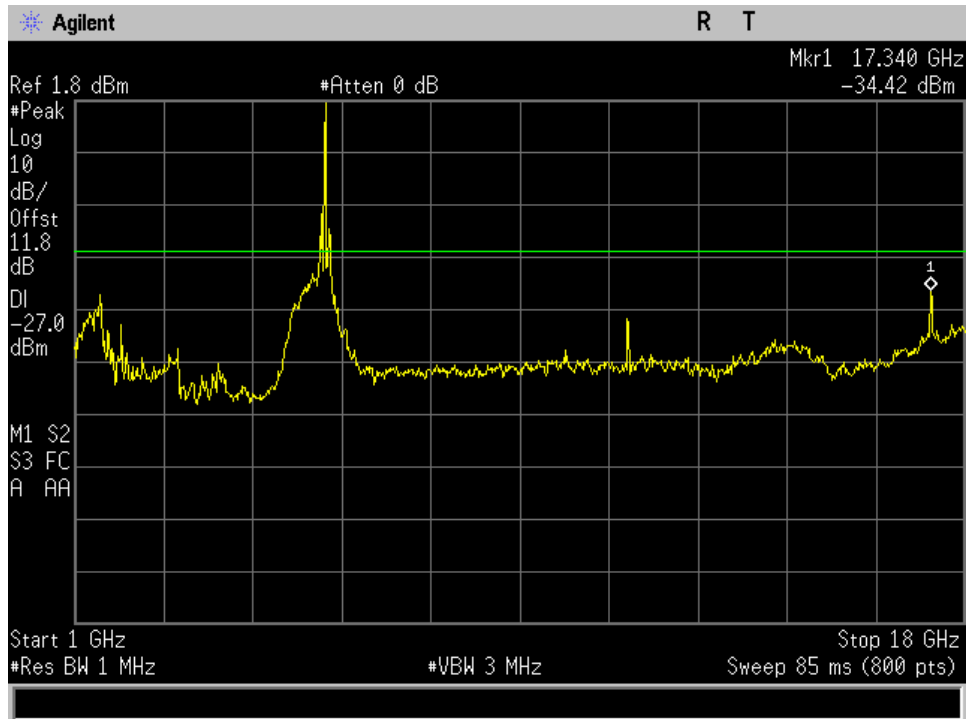


20 MHz Low Channel 1-18 GHz @ 10.89 GHz

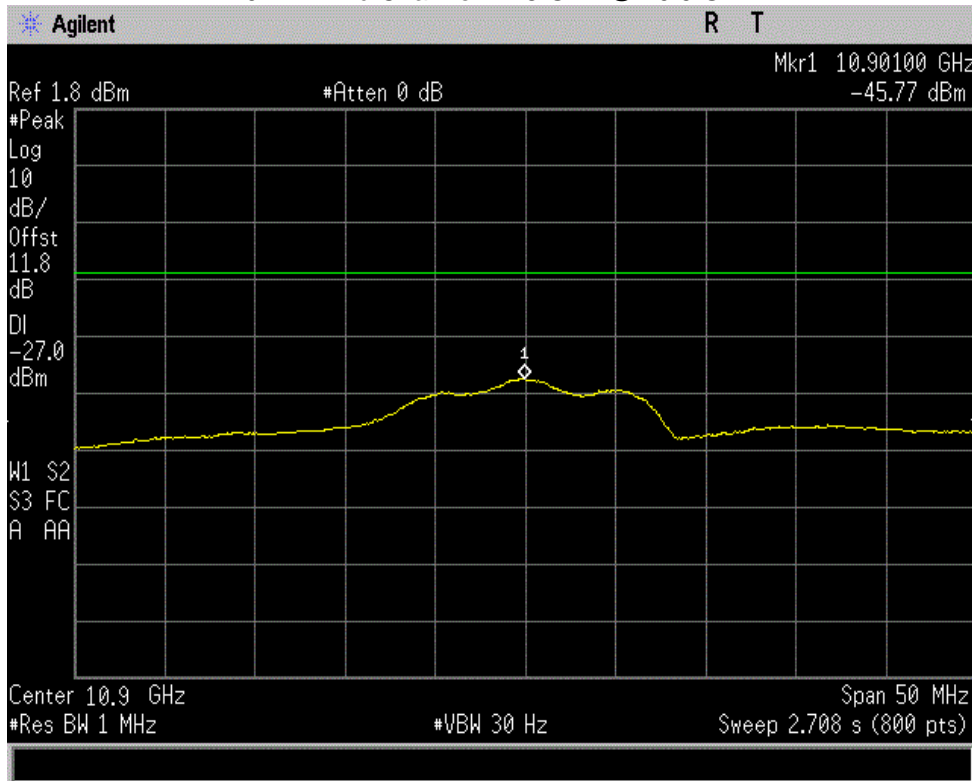




20 MHz Mid Channel 1-18 GHz



20 MHz Mid Channel 1-18 GHz @ 10.9 GHz



Note: for the emissions at 10.9 GHz above the highest reading is -41.49 EIRP in dBm. If we convert back to electric field measurement per formula below the value would be 53.47 dBuV/m which is lower than 15.209 average limit that is 54 dBuV/m.

$$\text{EIRP(dBm)} = E \text{ (dBuV/m)} - 20\log D + 104.77$$



30 MHz to 1GHz - 20 MHz High Channel



30 MHz to 1GHz - 20 MHz Low Channel





30 MHz to 1GHz - 20 MHz Mid Channel



30 MHz to 1GHz - 40 MHz High Channel





30 MHz to 1GHz - 40 MHz Low Channel



30 MHz to 1GHz - 80 MHz





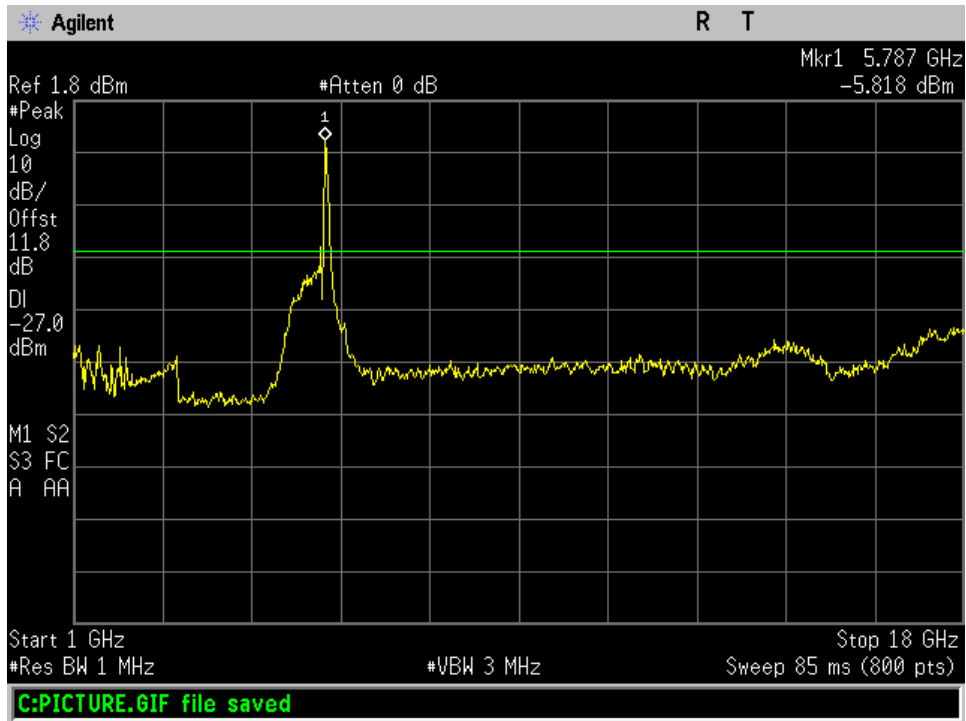
30 MHz to 1GHz unit on Standby mode



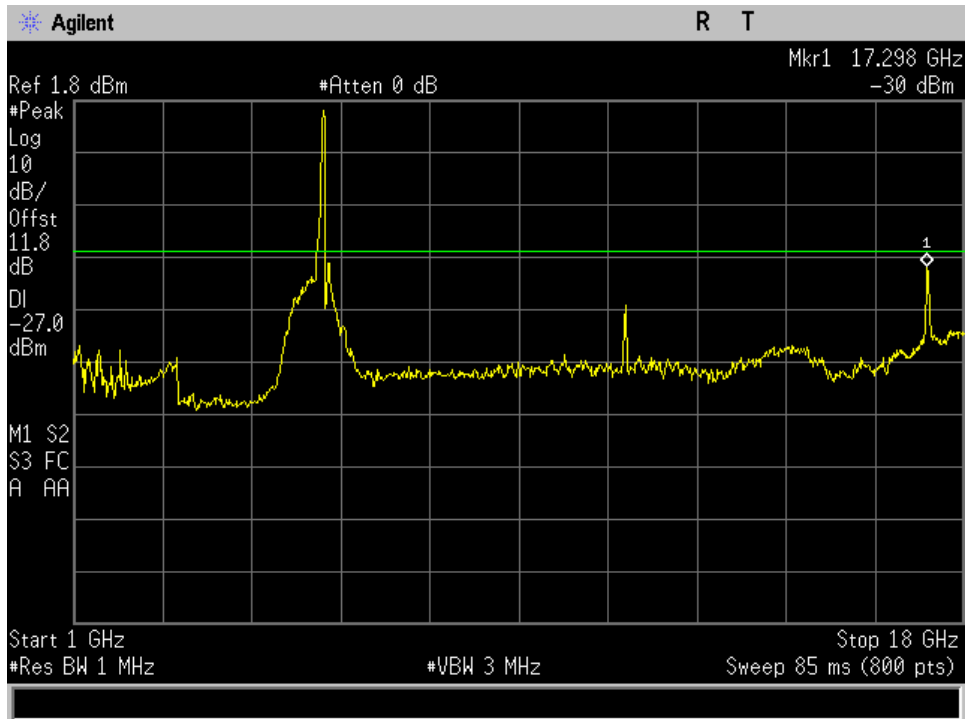
Note: the emission at 100 MHz is observed when unit is put on Standby mode where radio is not transmitting. This emission is investigated in 15B unintentional radiation report and is surpassed after adding a ferrite on the bus cable from the unit to module and is below FCC 109 limit.



40 MHz High Channel 1-18 GHz

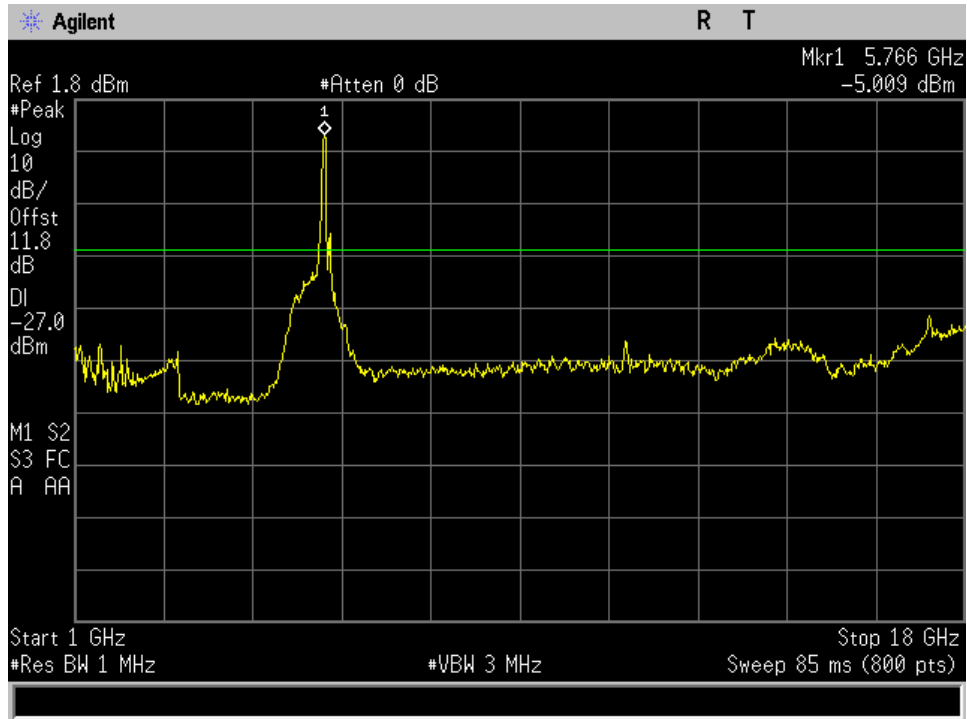


40 MHz Low Channel 1-18 GHz





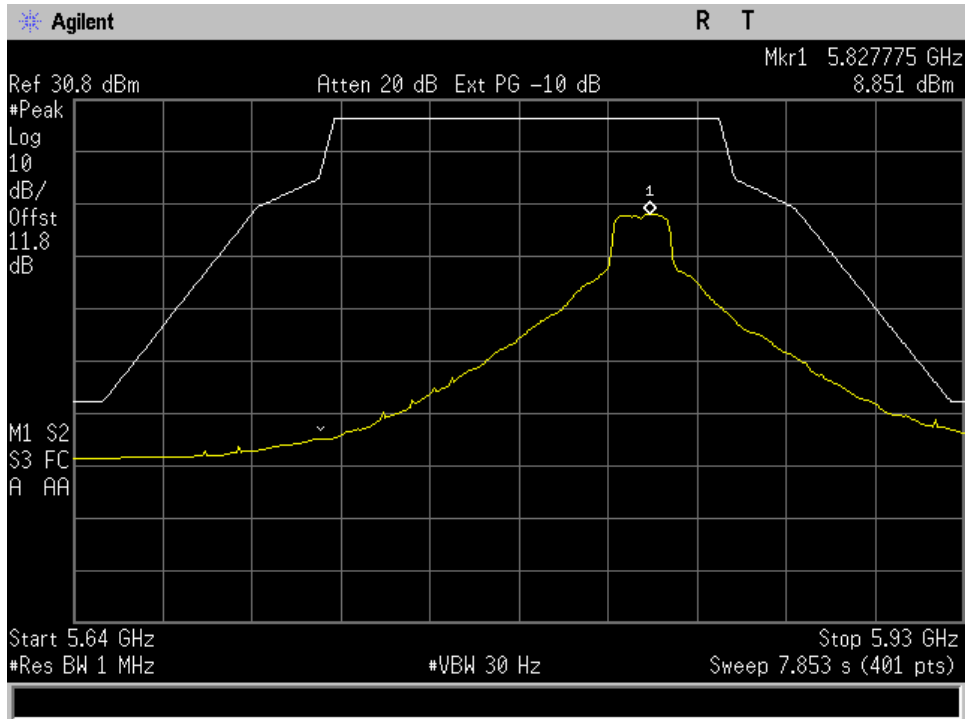
80 MHz High Channel 1-18 GHz



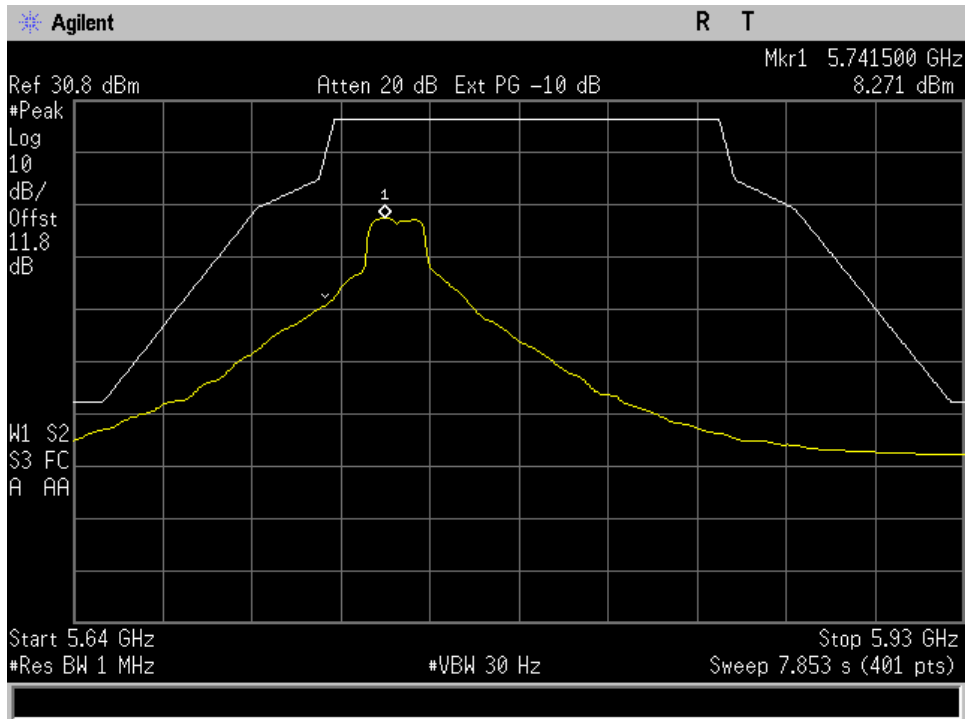


Band Edge MASK

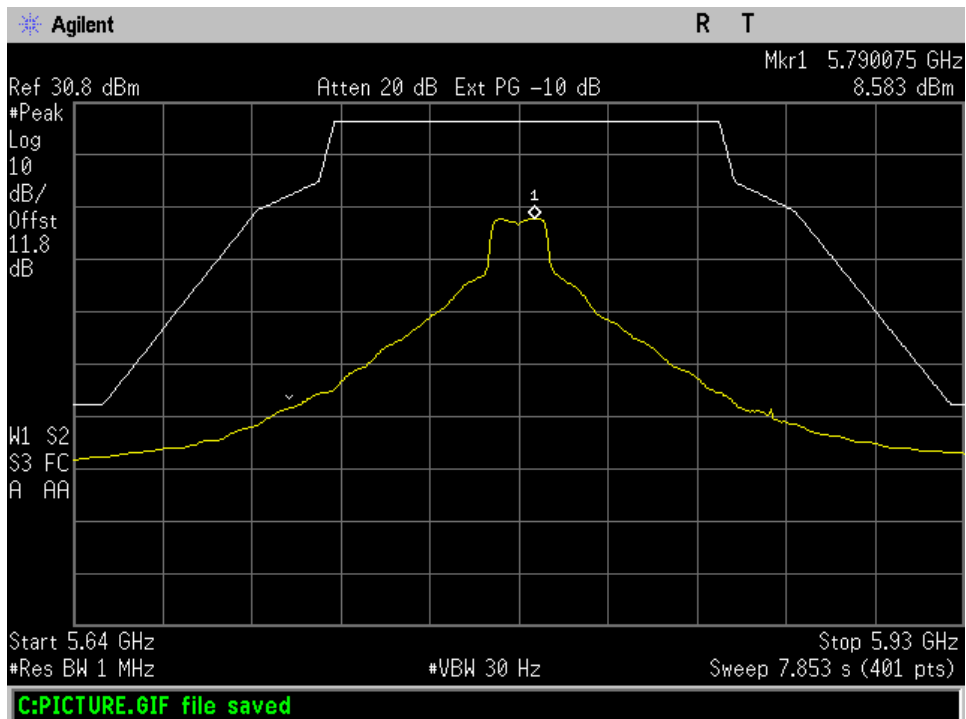
20 MHz High Channel



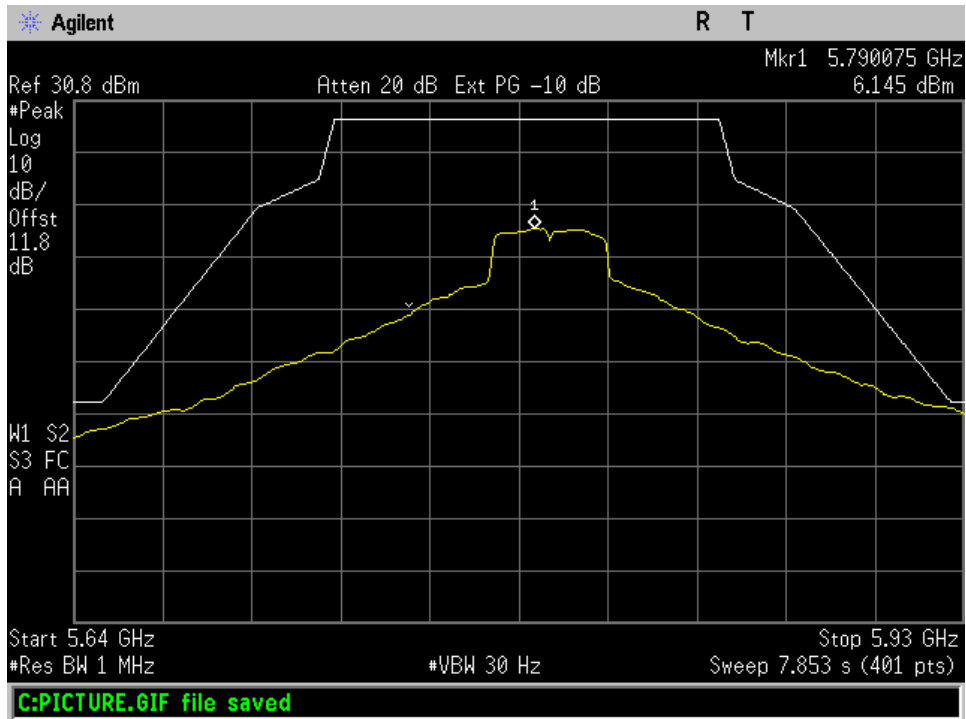
20 MHz Low Channel



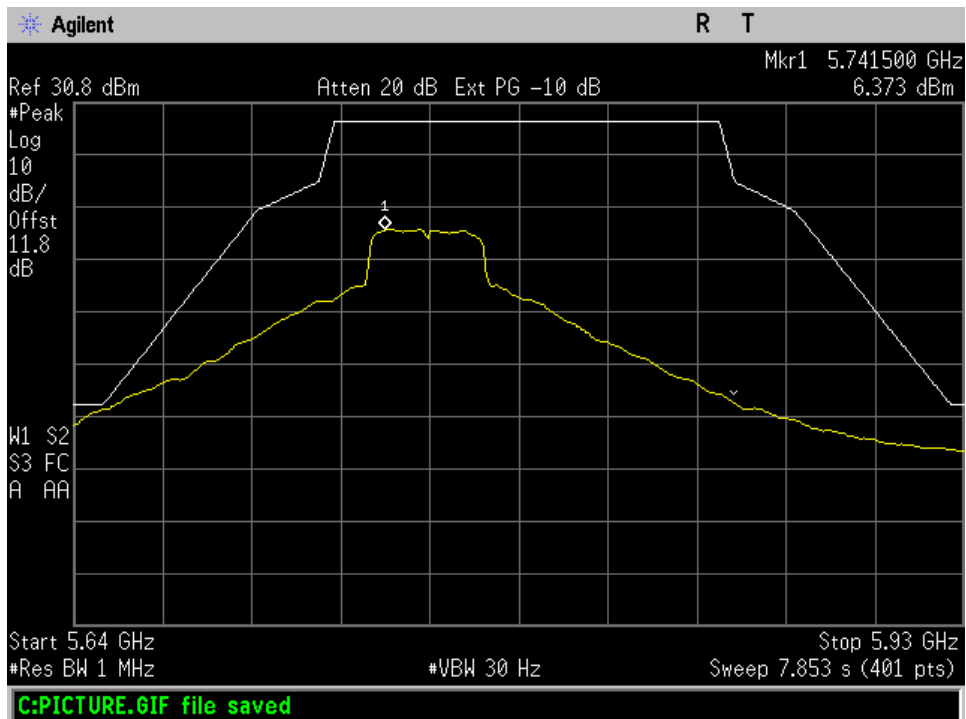
20 MHz Mid Channel



40 MHz High Channel



40 MHz Low Channel



80 MHz Low Channel

