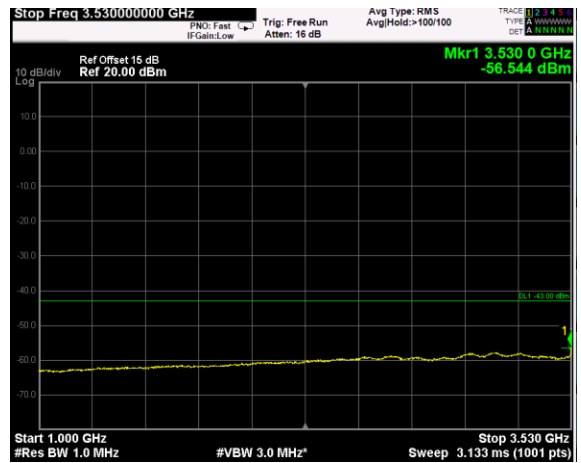
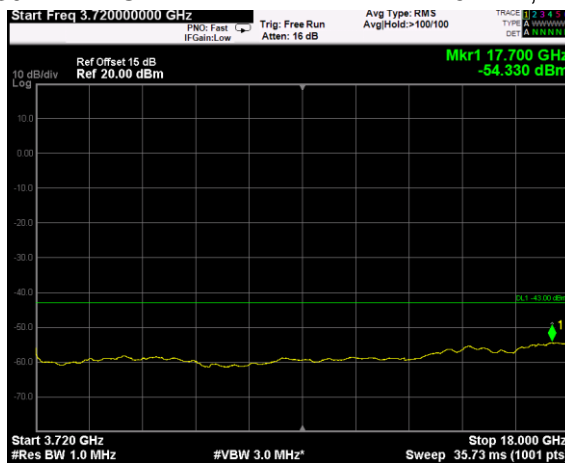




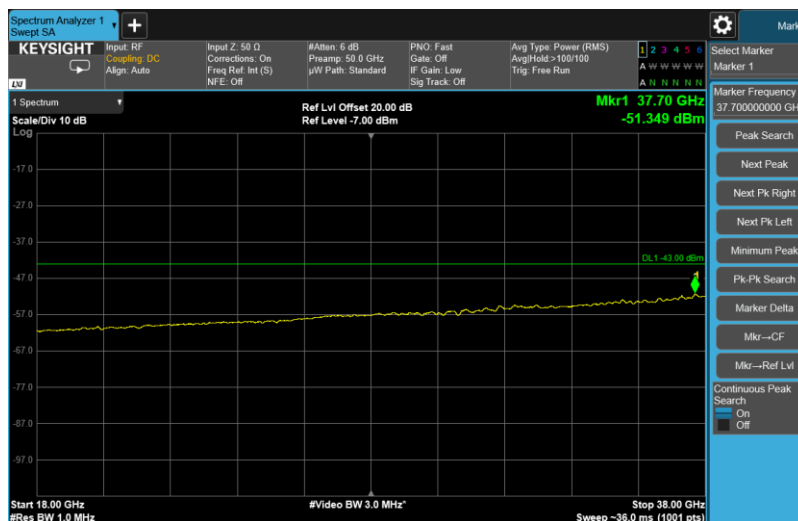
Channel: MIDDLE, Modulation: 64QAM,
BW=5 MHz, Range: 30MHz - 1GHz



Channel: MIDDLE, Modulation: 64QAM,
BW=5 MHz, Range: 1GHz - 3530MHz



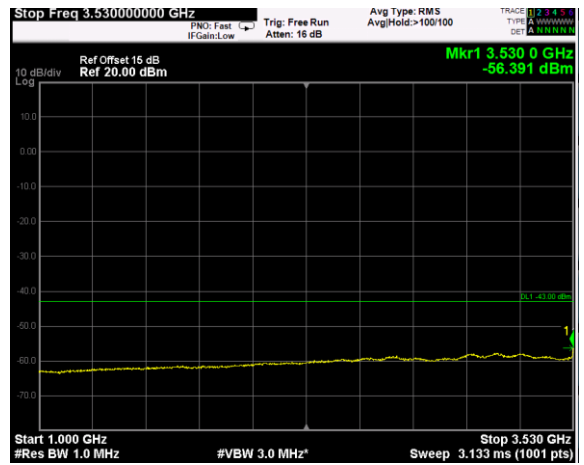
Channel: MIDDLE, Modulation: 64QAM,
BW=5 MHz, Range: 3720MHz - 18GHz



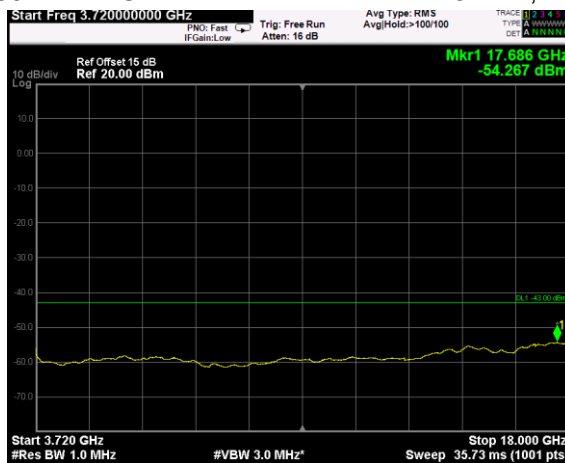
Channel: MIDDLE, Modulation: 64QAM,
BW=5 MHz, Range: 18GHz - 38GHz



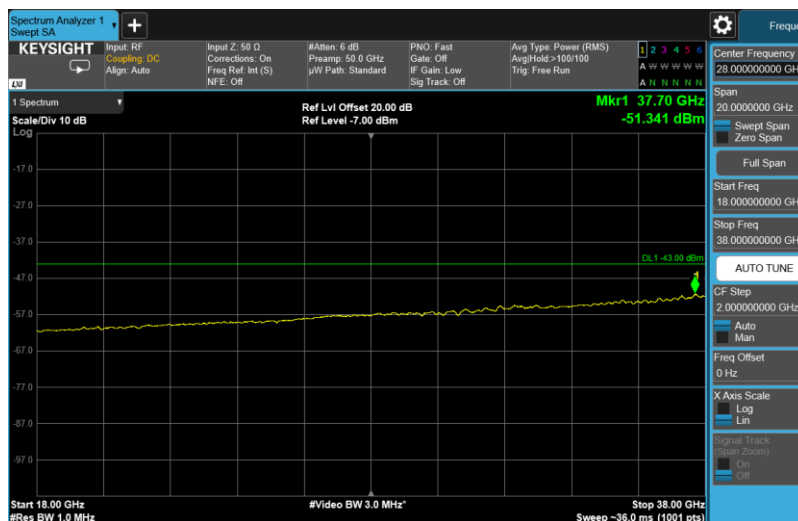
Channel: MIDDLE, Modulation: 256QAM, BW=5 MHz, Range: 30MHz - 1GHz



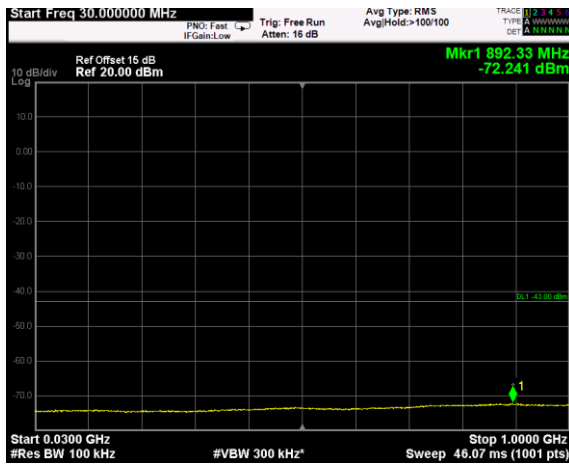
Channel: MIDDLE, Modulation: 256QAM, BW=5 MHz, Range: 1GHz - 3530MHz



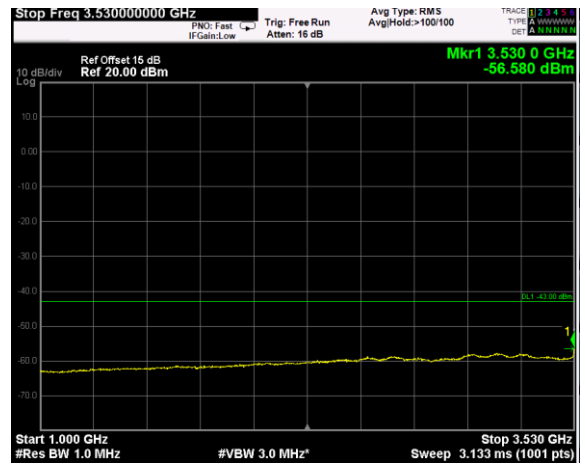
Channel: MIDDLE, Modulation: 256QAM, BW=5 MHz, Range: 3720MHz - 18GHz



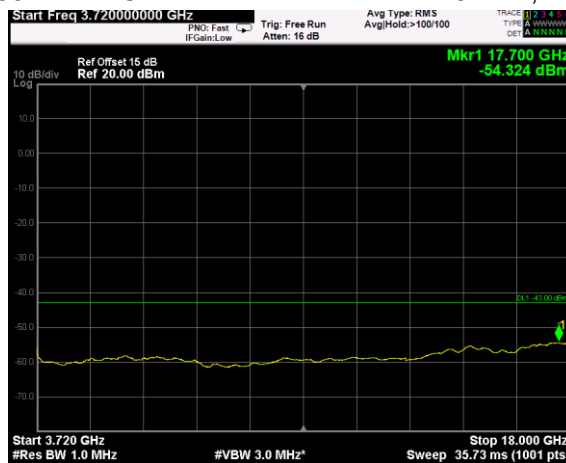
Channel: MIDDLE, Modulation: 256QAM, BW=5 MHz, Range: 18GHz - 38GHz



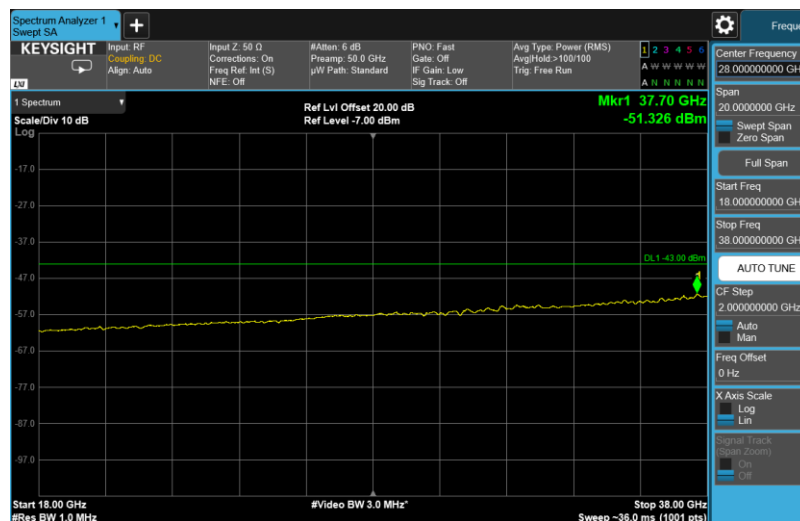
Channel: TOP, Modulation: QPSK,
BW=5 MHz, Range: 30MHz - 1GHz



Channel: TOP, Modulation: QPSK,
BW=5 MHz, Range: 1GHz - 3530MHz



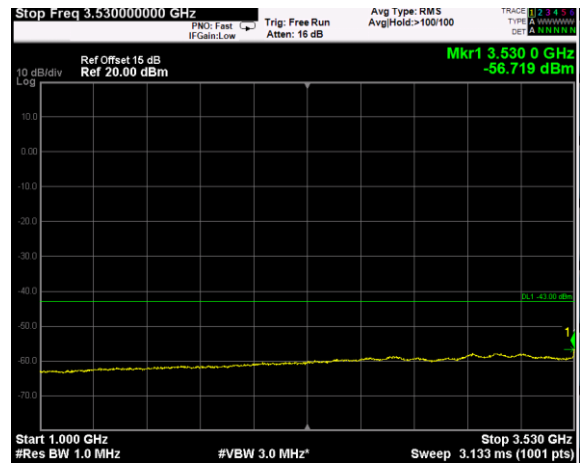
Channel: TOP, Modulation: QPSK,
BW=5 MHz, Range: 3720MHz - 18GHz



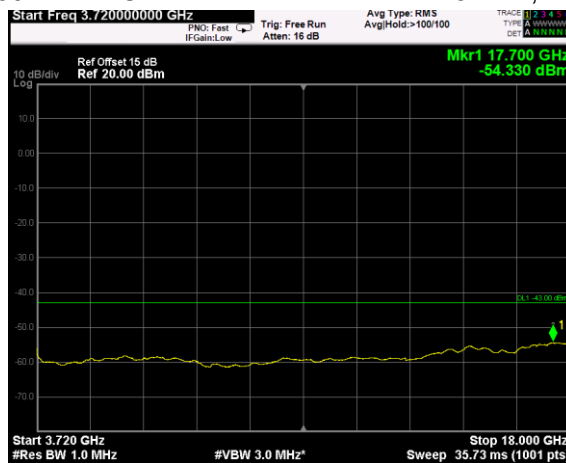
Channel: TOP, Modulation: QPSK,
BW=5 MHz, Range: 18GHz - 38GHz



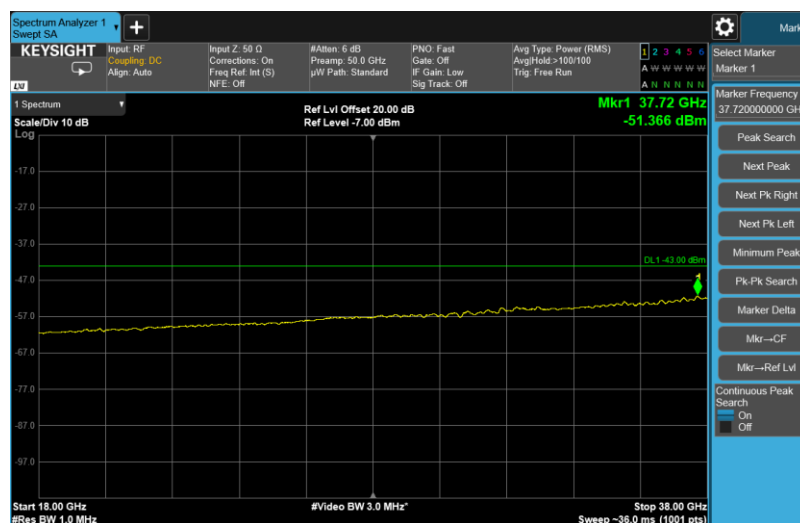
Channel: TOP, Modulation: 16QAM,
BW=5 MHz, Range: 30MHz - 1GHz



Channel: TOP, Modulation: 16QAM,
BW=5 MHz, Range: 1GHz - 3530MHz



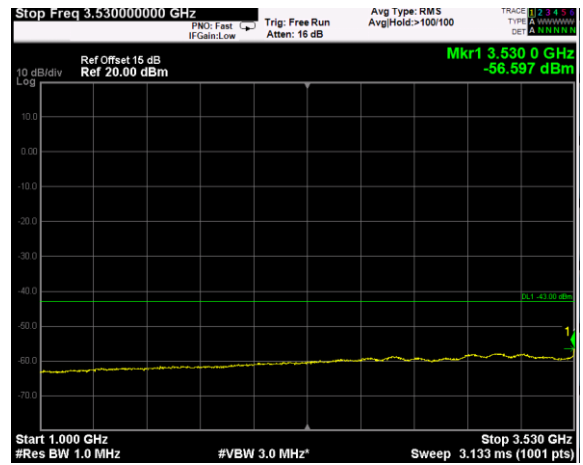
Channel: TOP, Modulation: 16QAM,
BW=5 MHz, Range: 3720MHz - 18GHz



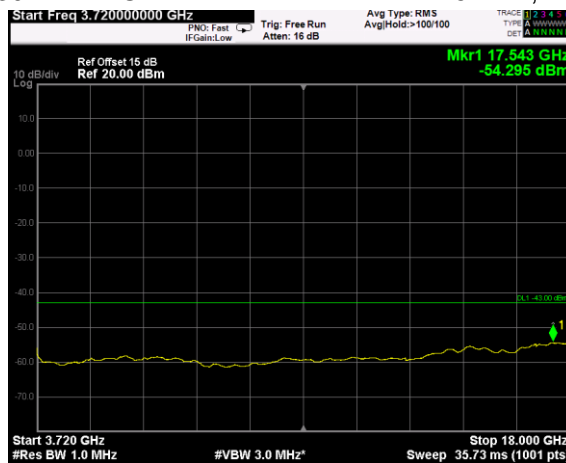
Channel: TOP, Modulation: 16QAM,
BW=5 MHz, Range: 18GHz - 38GHz



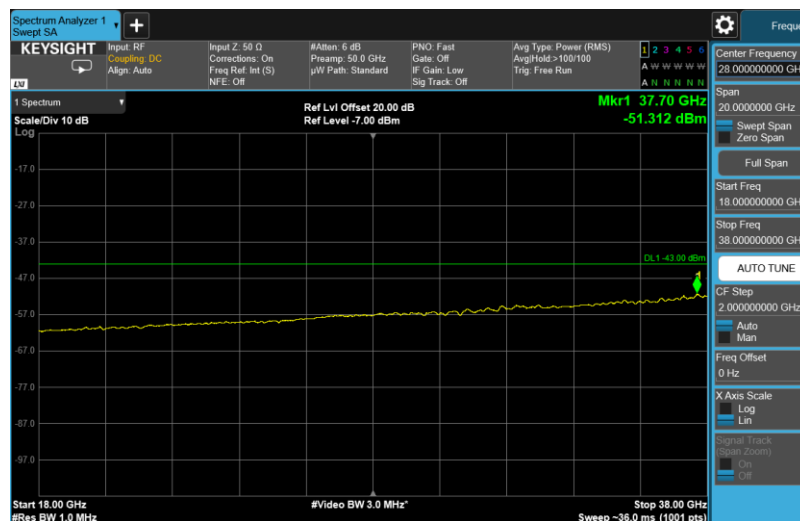
Channel: TOP, Modulation: 64QAM,
BW=5 MHz, Range: 30MHz - 1GHz



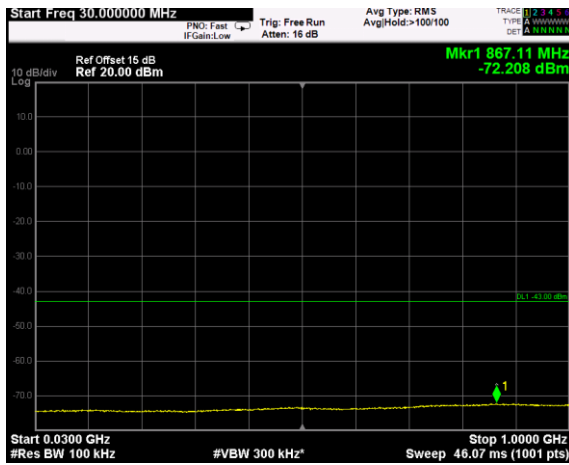
Channel: TOP, Modulation: 64QAM,
BW=5 MHz, Range: 1GHz - 3530MHz



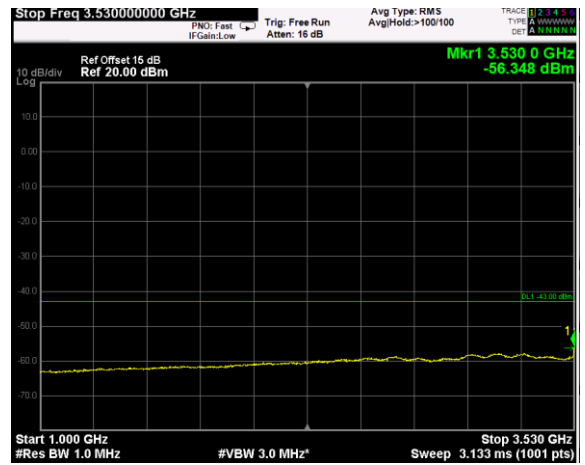
Channel: TOP, Modulation: 64QAM,
BW=5 MHz, Range: 3720MHz - 18GHz



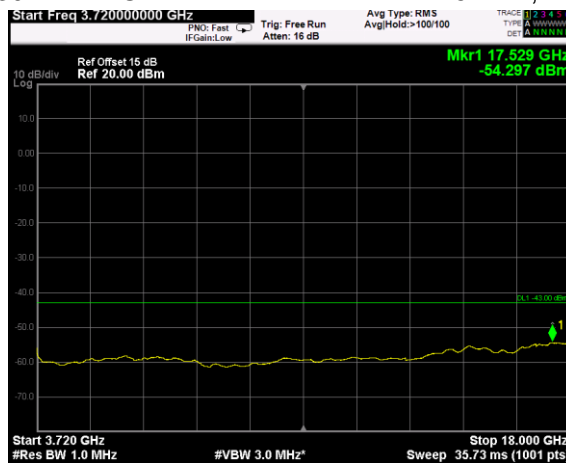
Channel: TOP, Modulation: 64QAM,
BW=5 MHz, Range: 18GHz - 38GHz



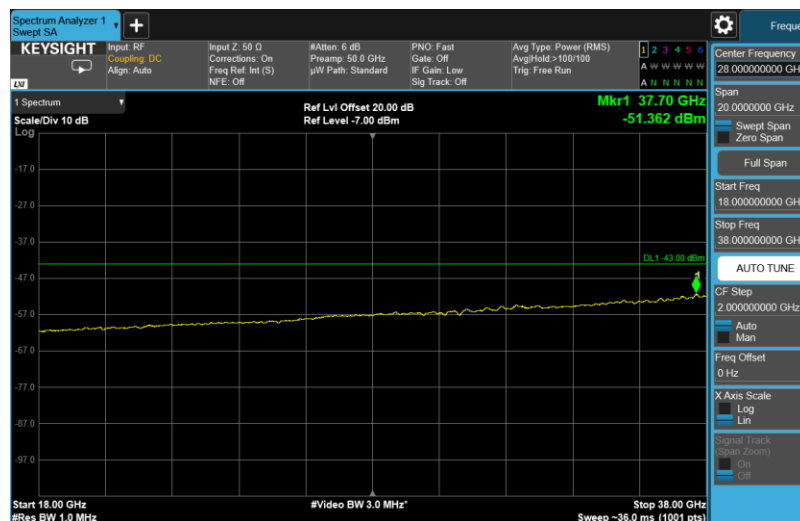
Channel: TOP, Modulation: 256QAM,
BW=5 MHz, Range: 30MHz - 1GHz



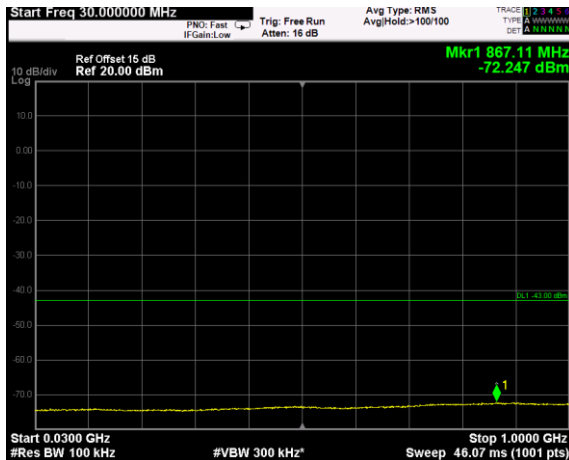
Channel: TOP, Modulation: 256QAM,
BW=5 MHz, Range: 1GHz - 3530MHz



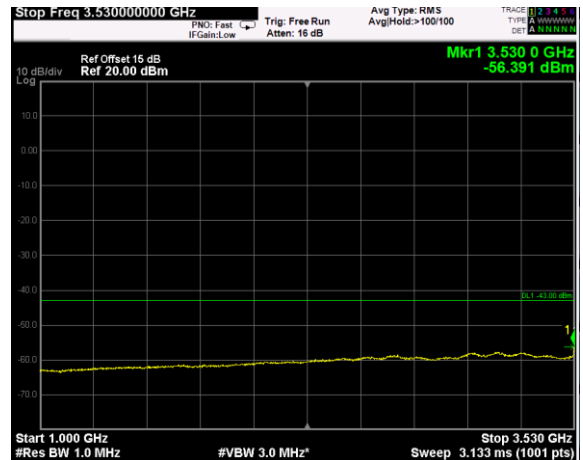
Channel: TOP, Modulation: 256QAM,
BW=5 MHz, Range: 3720MHz - 18GHz



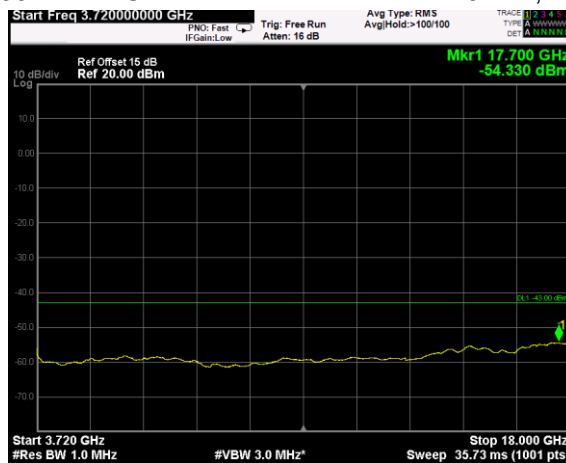
Channel: TOP, Modulation: 256QAM,
BW=5 MHz, Range: 18GHz - 38GHz



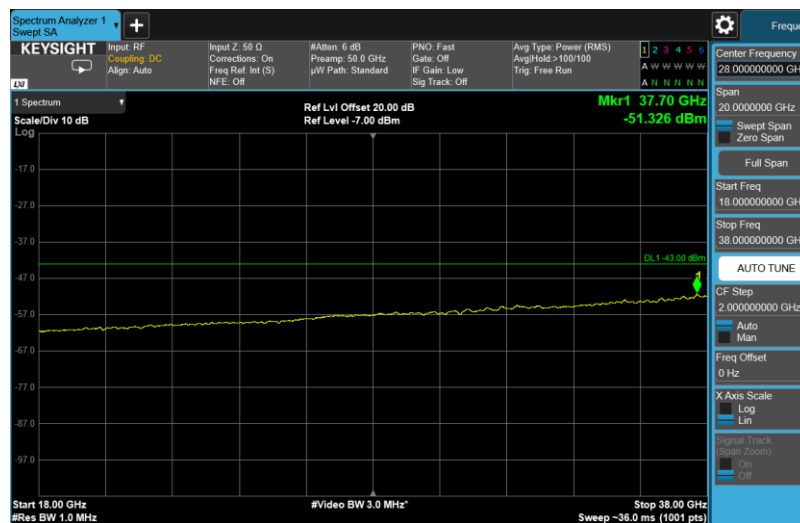
Channel: BOTTOM, Modulation: QPSK,
 BW=10MHz, Range: 30MHz - 1GHz



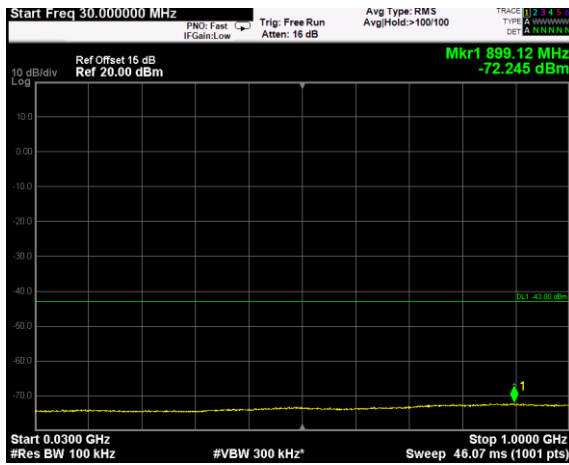
Channel: BOTTOM, Modulation: QPSK,
 BW=10MHz, Range: 1GHz - 3530MHz



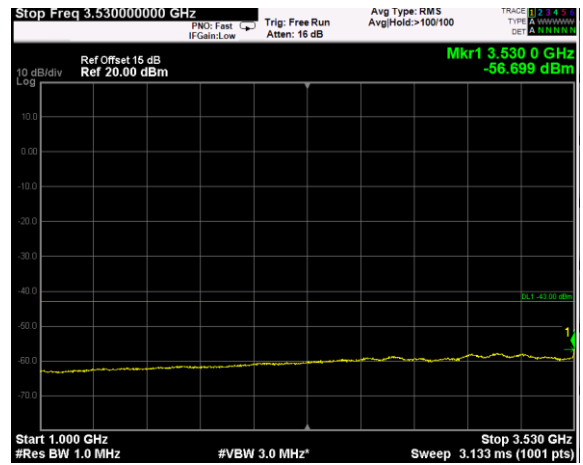
Channel: BOTTOM, Modulation: QPSK,
 BW=10MHz, Range: 3720MHz - 18GHz



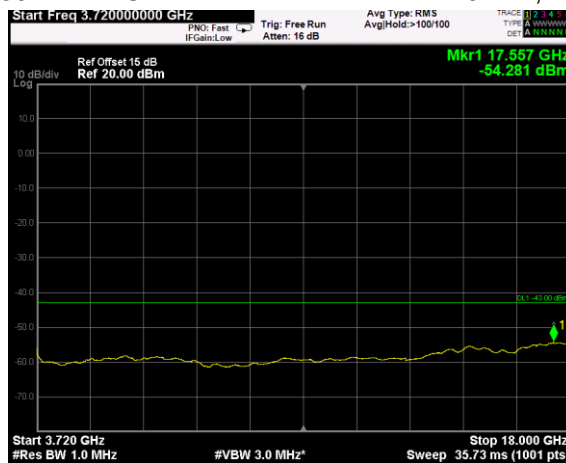
Channel: BOTTOM, Modulation: QPSK,
 BW=10MHz, Range: 18GHz - 38GHz



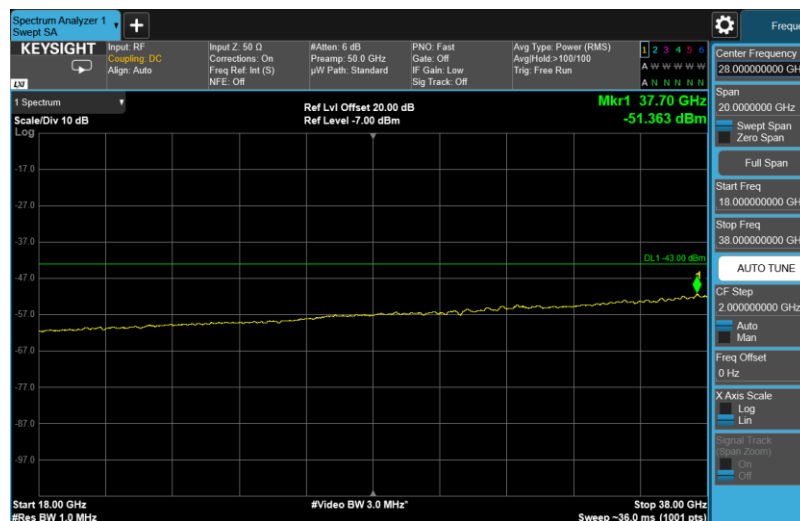
Channel: BOTTOM, Modulation: 16QAM, BW=10MHz, Range: 30MHz - 1GHz



Channel: BOTTOM, Modulation: 16QAM, BW=10MHz, Range: 1GHz - 3530MHz



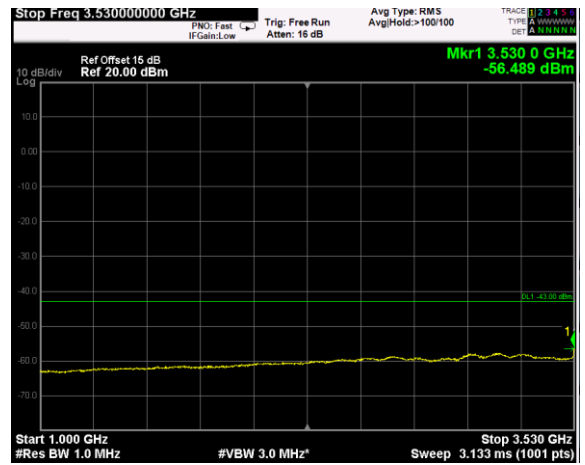
Channel: BOTTOM, Modulation: 16QAM, BW=10MHz, Range: 3720MHz - 18GHz



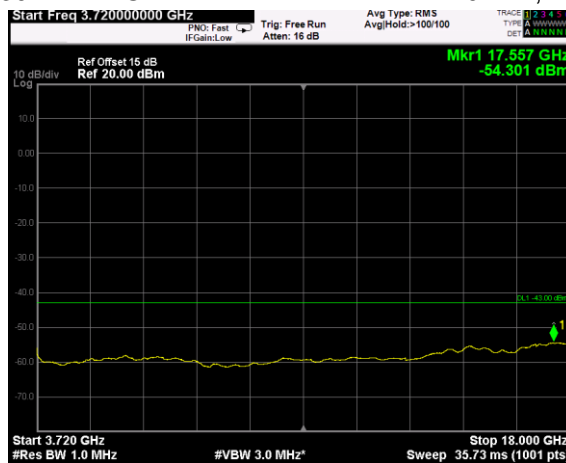
Channel: BOTTOM, Modulation: 16QAM, BW=10MHz, Range: 18GHz - 38GHz



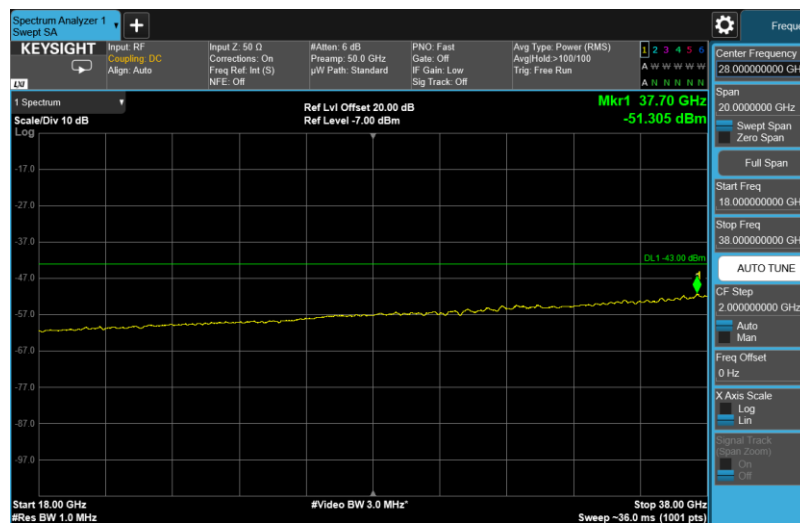
Channel: BOTTOM, Modulation: 64QAM,
BW=10MHz, Range: 30MHz - 1GHz



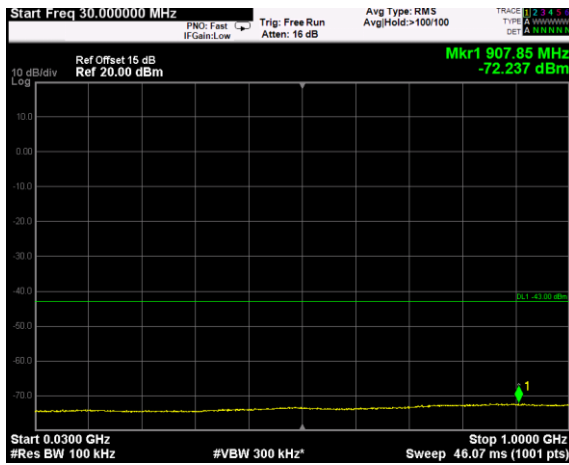
Channel: BOTTOM, Modulation: 64QAM,
BW=10MHz, Range: 1GHz - 3530MHz



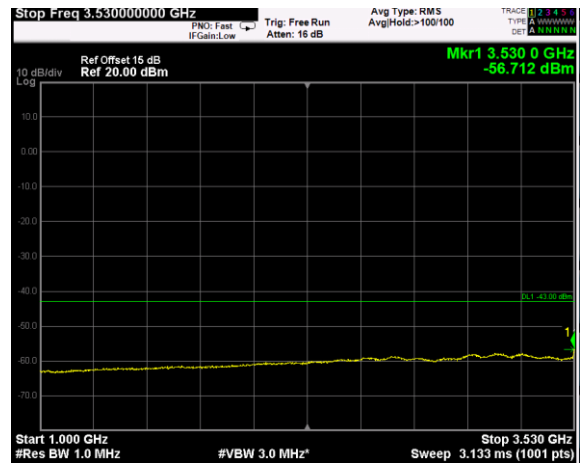
Channel: BOTTOM, Modulation: 64QAM,
BW=10MHz, Range: 3720MHz - 18GHz



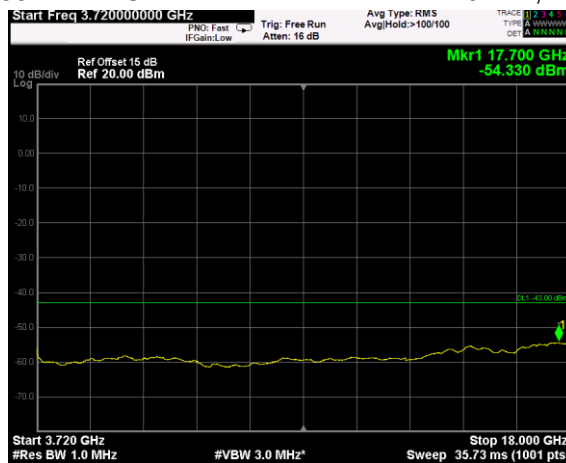
Channel: BOTTOM, Modulation: 64QAM,
BW=10MHz, Range: 18GHz - 38GHz



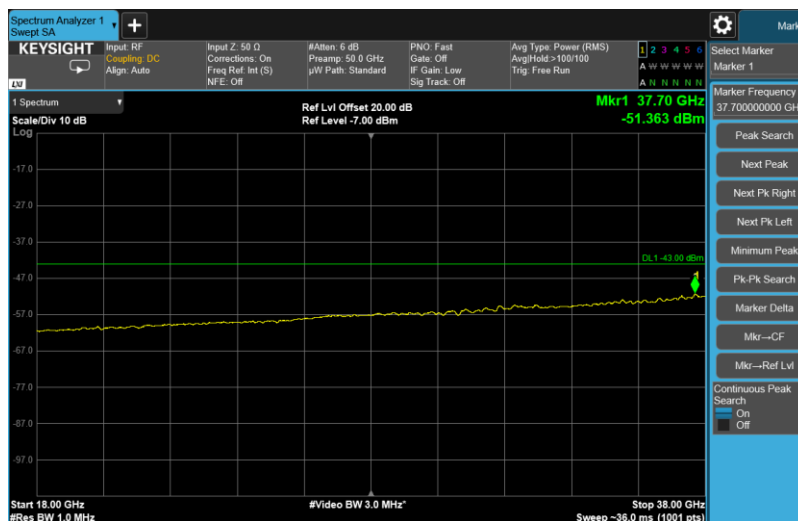
Channel: BOTTOM, Modulation: 256QAM, BW=10MHz, Range: 30MHz - 1GHz



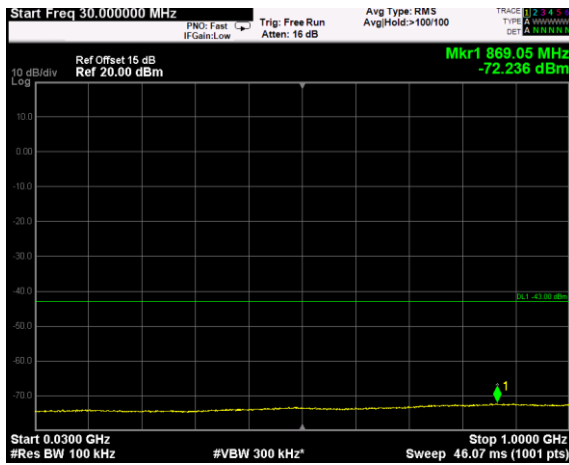
Channel: BOTTOM, Modulation: 256QAM, BW=10MHz, Range: 1GHz - 3530MHz



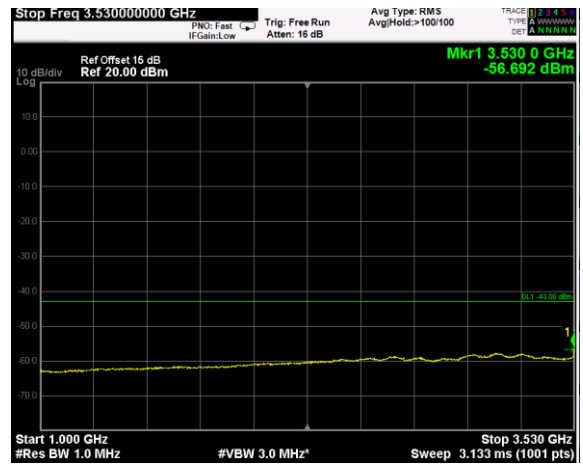
Channel: BOTTOM, Modulation: 256QAM, BW=10MHz, Range: 3720MHz - 18GHz



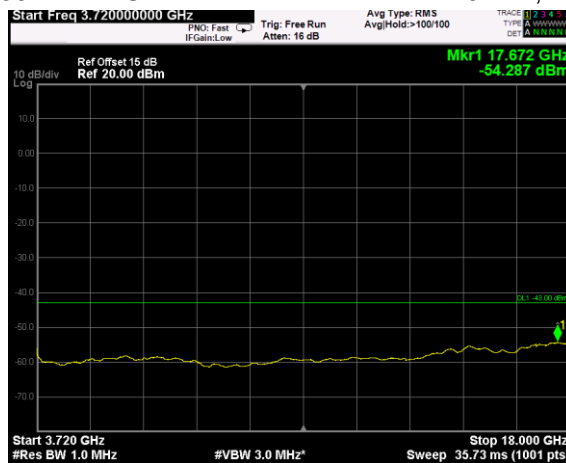
Channel: BOTTOM, Modulation: 256QAM, BW=10MHz, Range: 18GHz - 38GHz



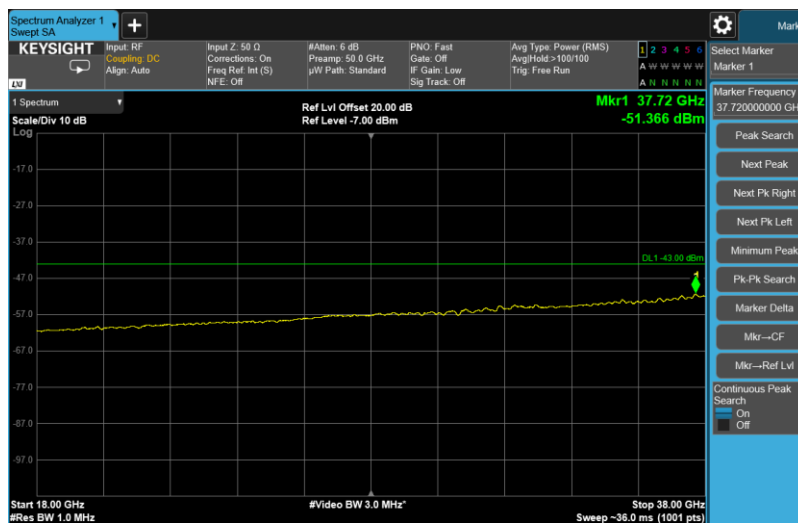
Channel: MIDDLE, Modulation: QPSK,
BW=10MHz, Range: 30MHz - 1GHz



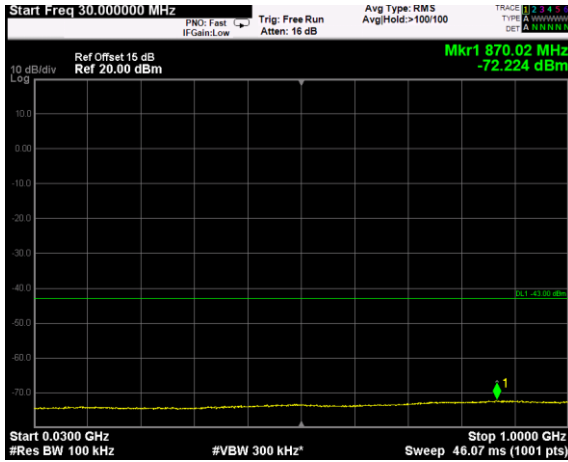
Channel: MIDDLE, Modulation: QPSK,
BW=10MHz, Range: 1GHz - 3530MHz



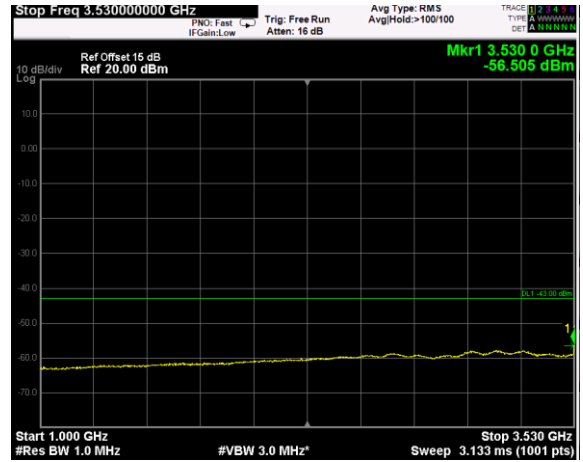
Channel: MIDDLE, Modulation: QPSK,
BW=10MHz, Range: 3720MHz - 18GHz



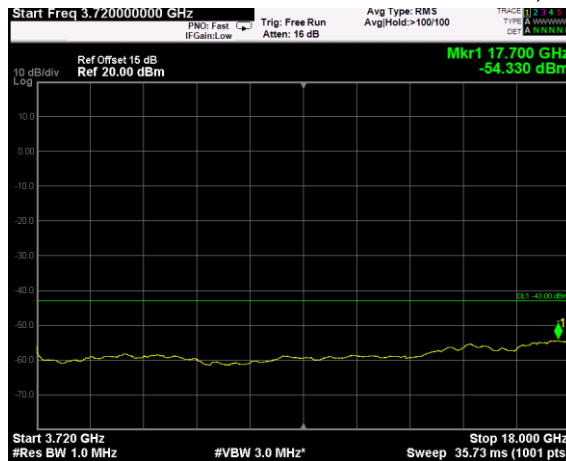
Channel: MIDDLE, Modulation: QPSK,
BW=10MHz, Range: 18GHz - 38GHz



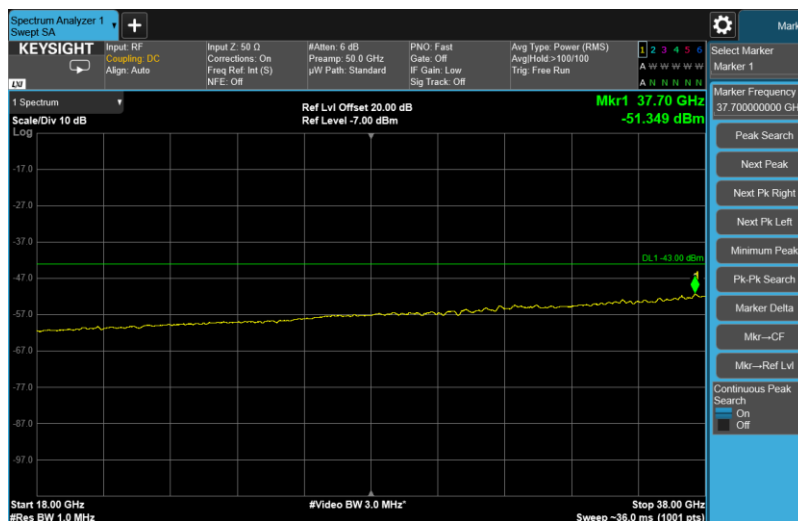
Channel: MIDDLE, Modulation: 16QAM,
BW=10MHz, Range: 30MHz - 1GHz



Channel: MIDDLE, Modulation: 16QAM,
BW=10MHz, Range: 1GHz - 3530MHz



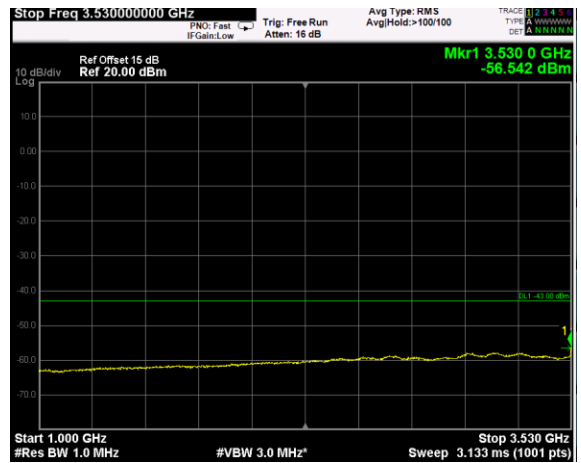
Channel: MIDDLE, Modulation: 16QAM,
BW=10MHz, Range: 3720MHz - 18GHz



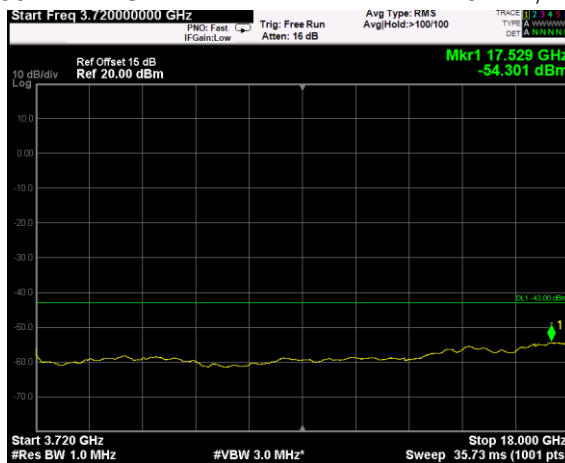
Channel: MIDDLE, Modulation: 16QAM,
BW=10MHz, Range: 18GHz - 38GHz



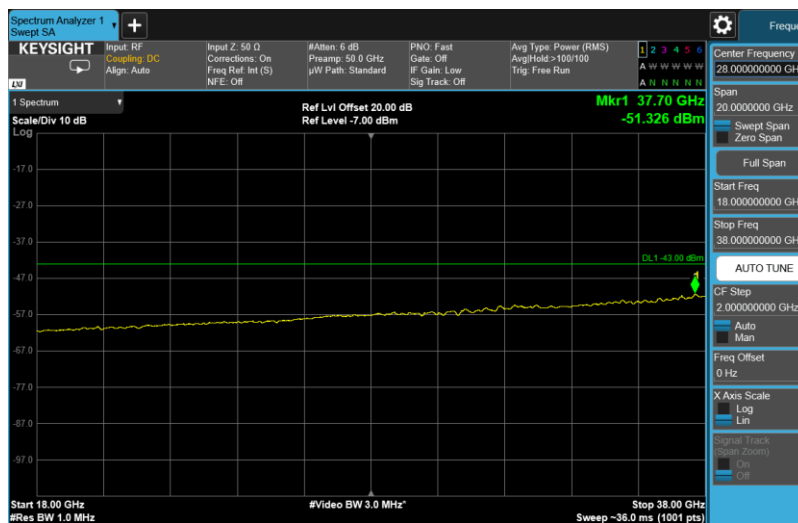
Channel: MIDDLE, Modulation: 64QAM,
BW=10MHz, Range: 30MHz - 1GHz



Channel: MIDDLE, Modulation: 64QAM,
BW=10MHz, Range: 1GHz - 3530MHz



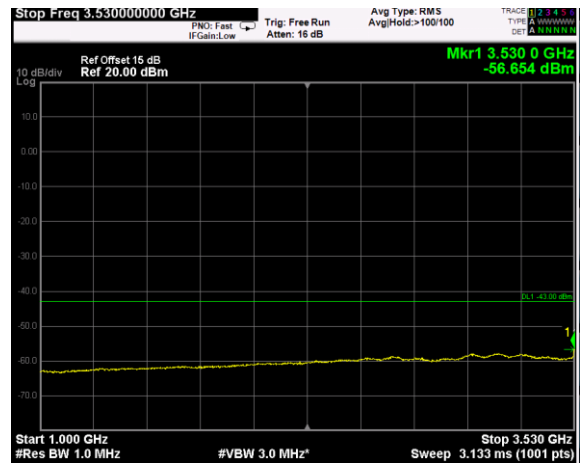
Channel: MIDDLE, Modulation: 64QAM,
BW=10MHz, Range: 3720MHz - 18GHz



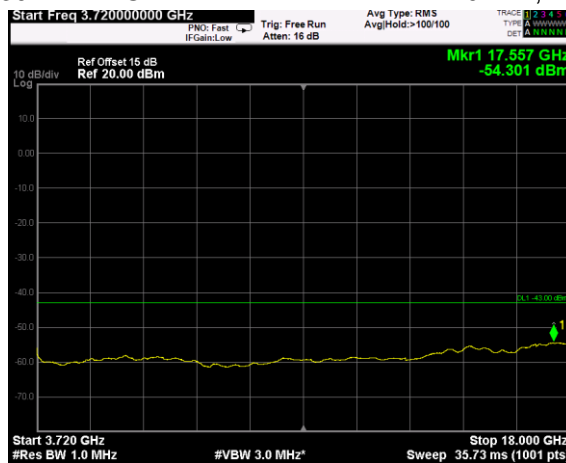
Channel: MIDDLE, Modulation: 64QAM,
BW=10MHz, Range: 18GHz - 38GHz



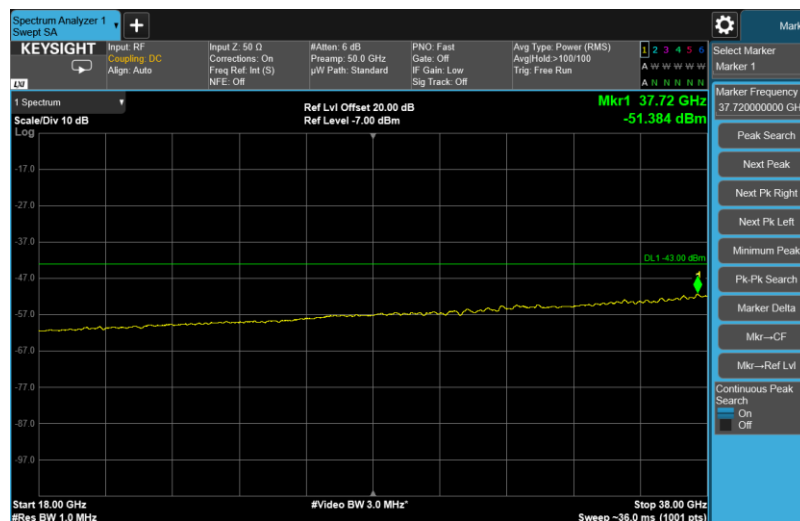
Channel: MIDDLE, Modulation: 256QAM,
 BW=10MHz, Range: 30MHz - 1GHz



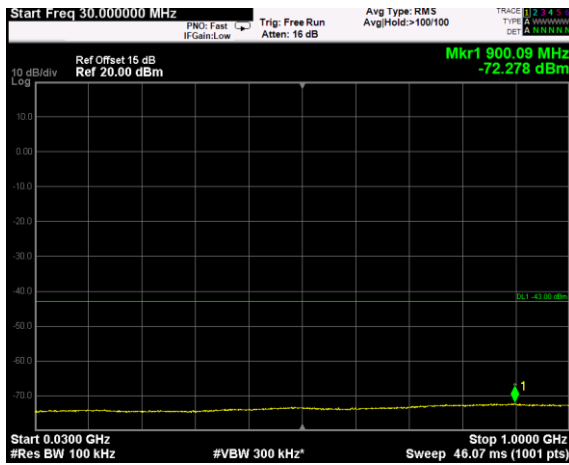
Channel: MIDDLE, Modulation: 256QAM,
 BW=10MHz, Range: 1GHz - 3530MHz



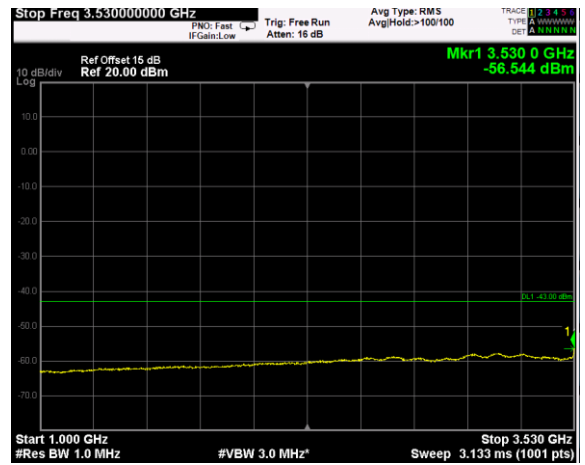
Channel: MIDDLE, Modulation: 256QAM,
 BW=10MHz, Range: 3720MHz - 18GHz



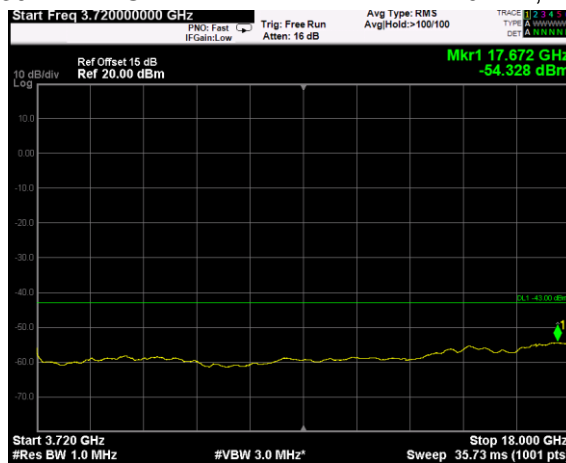
Channel: MIDDLE, Modulation: 256QAM,
 BW=10MHz, Range: 18GHz - 38GHz



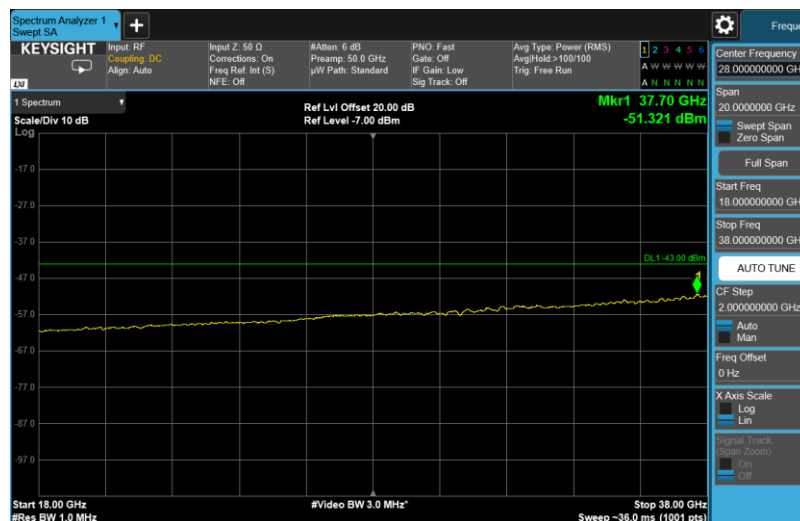
Channel: TOP, Modulation: QPSK,
BW=10MHz, Range: 30MHz - 1GHz



Channel: TOP, Modulation: QPSK,
BW=10MHz, Range: 1GHz - 3530MHz



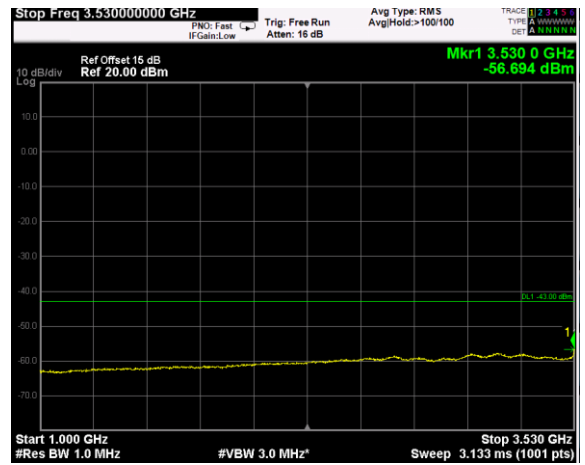
Channel: TOP, Modulation: QPSK,
BW=10MHz, Range: 3720MHz - 18GHz



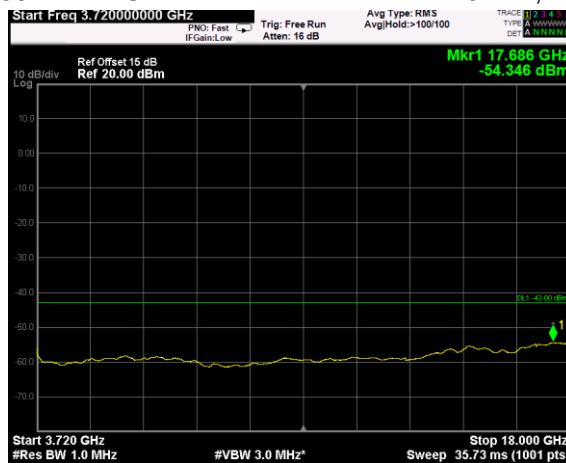
Channel: TOP, Modulation: QPSK,
BW=10MHz, Range: 18GHz - 38GHz



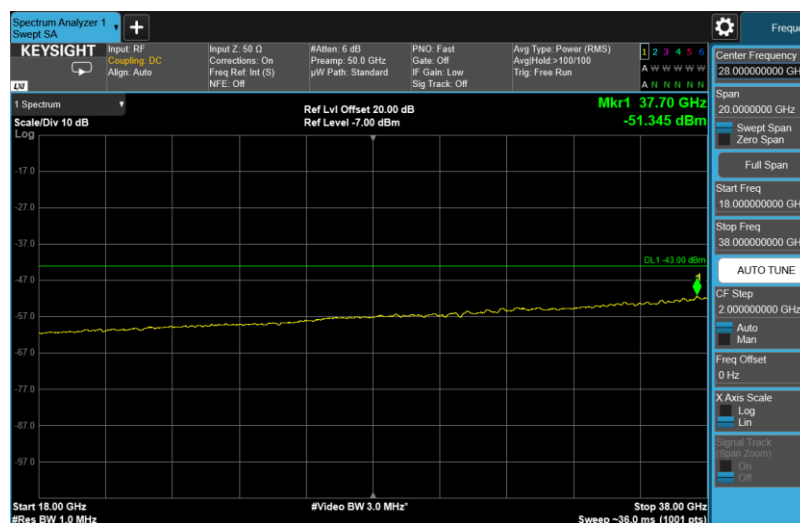
Channel: TOP, Modulation: 16QAM,
BW=10MHz, Range: 30MHz - 1GHz



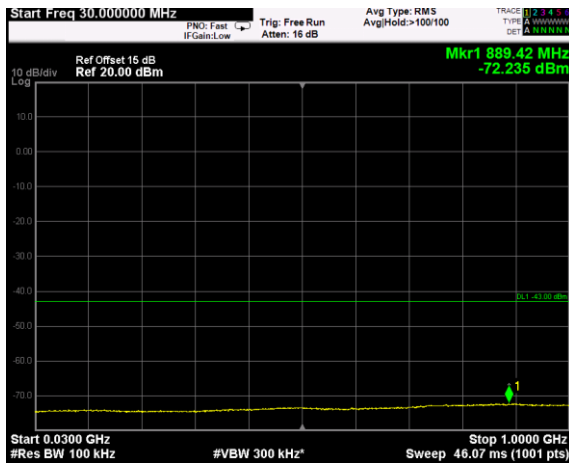
Channel: TOP, Modulation: 16QAM,
BW=10MHz, Range: 1GHz - 3530MHz



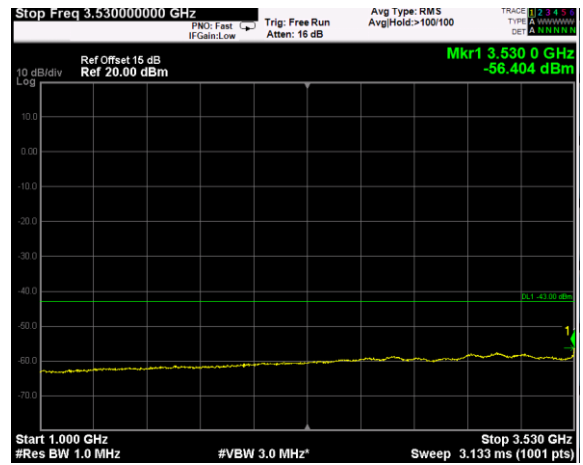
Channel: TOP, Modulation: 16QAM,
BW=10MHz, Range: 3720MHz - 18GHz



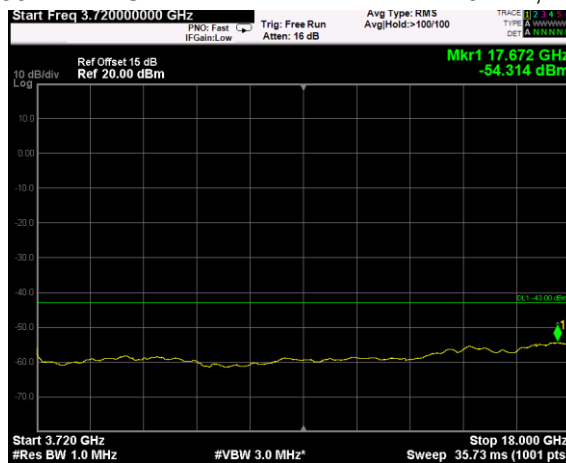
Channel: TOP, Modulation: 16QAM,
BW=10MHz, Range: 18GHz - 38GHz



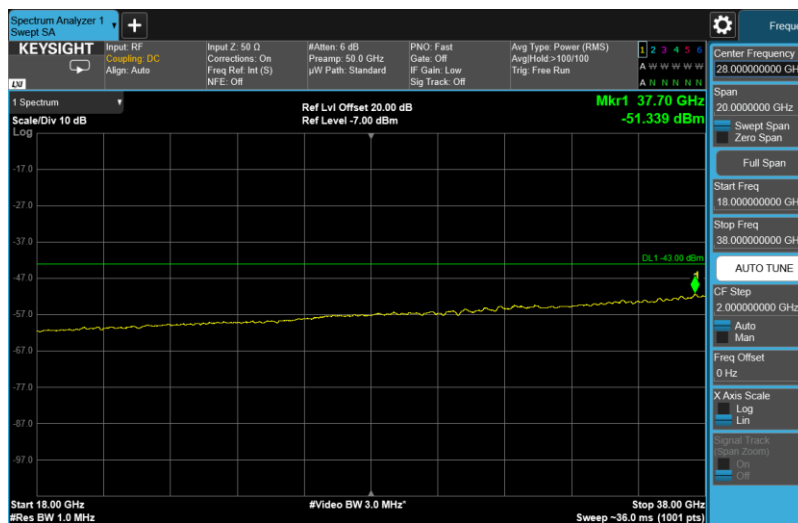
Channel: TOP, Modulation: 64QAM,
BW=10MHz, Range: 30MHz - 1GHz



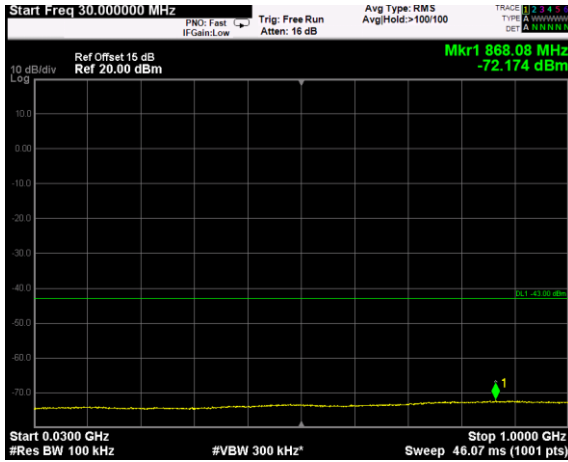
Channel: TOP, Modulation: 64QAM,
BW=10MHz, Range: 1GHz - 3530MHz



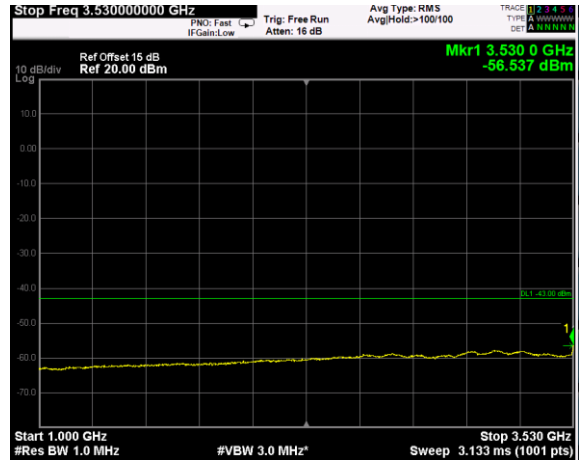
Channel: TOP, Modulation: 64QAM,
BW=10MHz, Range: 3720MHz - 18GHz



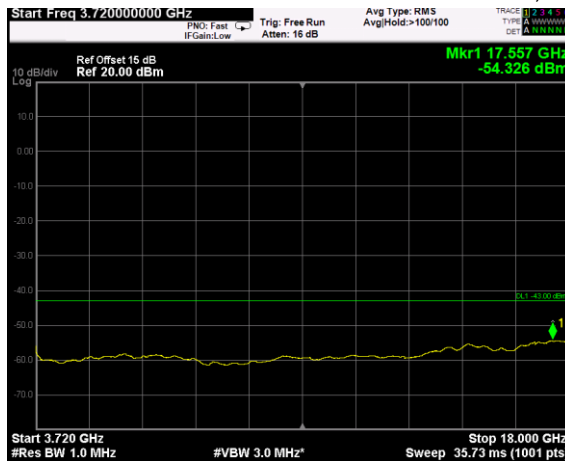
Channel: TOP, Modulation: 64QAM,
BW=10MHz, Range: 18GHz - 38GHz



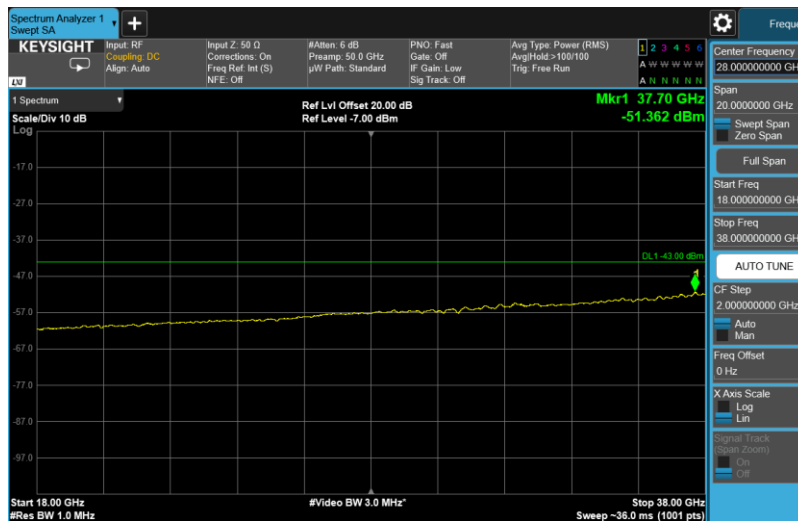
Channel: TOP, Modulation: 256QAM, BW=10MHz, Range: 30MHz - 1GHz



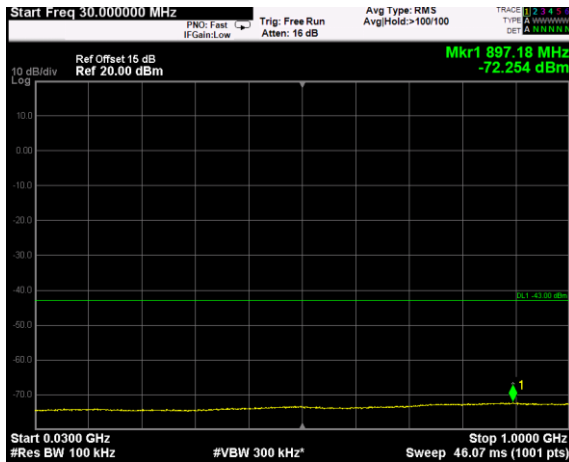
Channel: TOP, Modulation: 256QAM, BW=10MHz, Range: 1GHz - 3530MHz



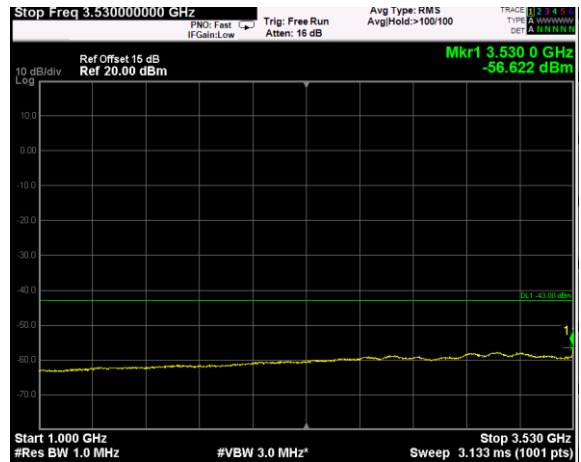
Channel: TOP, Modulation: 256QAM, BW=10MHz, Range: 3720MHz - 18GHz



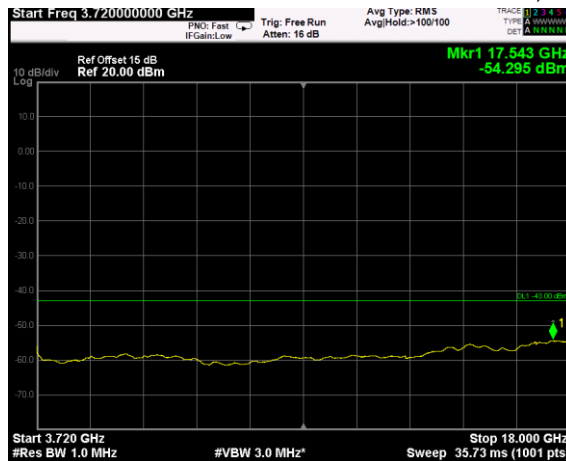
Channel: TOP, Modulation: 256QAM, BW=10MHz, Range: 18GHz - 38GHz



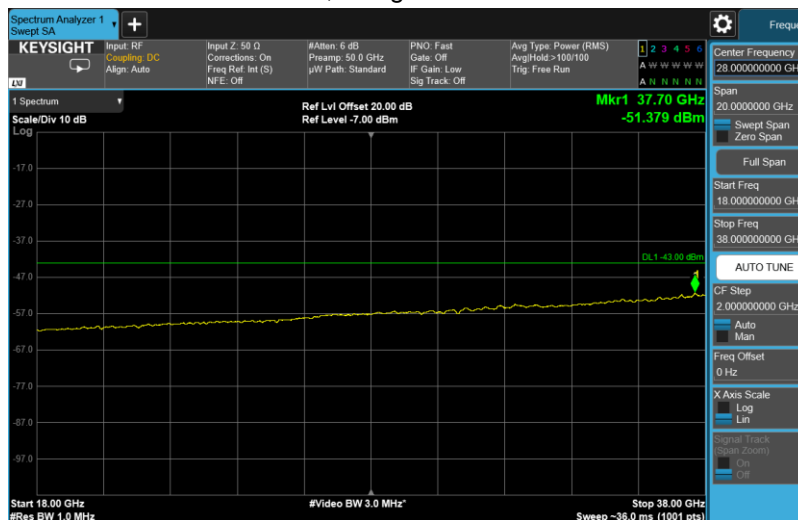
Channel: BOTTOM, Modulation: QPSK,
 BW=15MHz, Range: 30MHz - 1GHz



Channel: BOTTOM, Modulation: QPSK,
 BW=15MHz, Range: 1GHz - 3530MHz



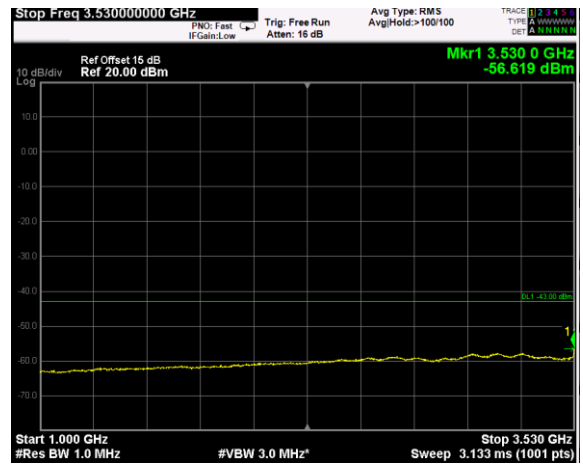
Channel: BOTTOM, Modulation: QPSK,
 BW=15MHz, Range: 3720MHz - 18GHz



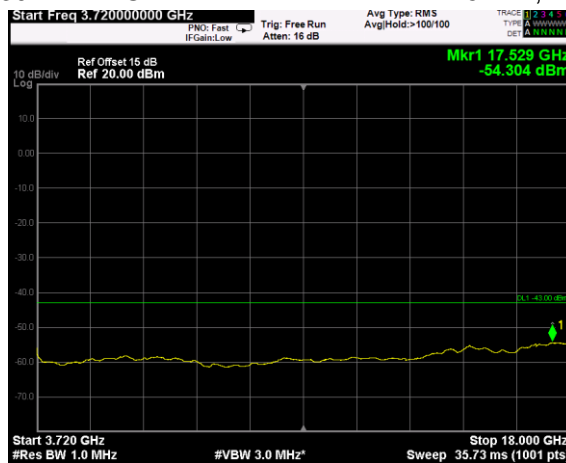
Channel: BOTTOM, Modulation: QPSK,
 BW=15MHz, Range: 18GHz - 38GHz



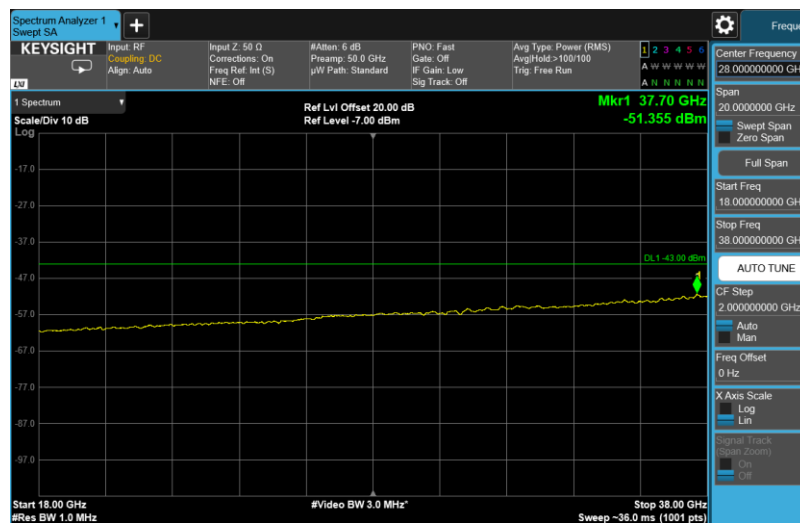
Channel: BOTTOM, Modulation: 16QAM, BW=15MHz, Range: 30MHz - 1GHz



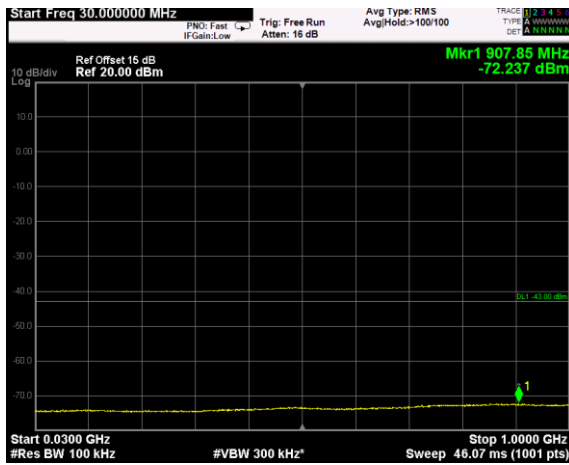
Channel: BOTTOM, Modulation: 16QAM, BW=15MHz, Range: 1GHz - 3530MHz



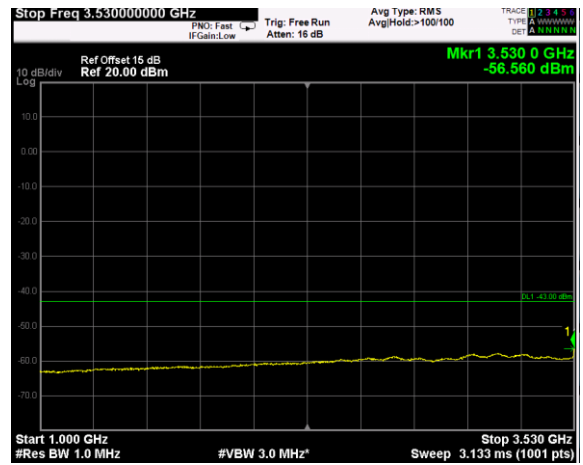
Channel: BOTTOM, Modulation: 16QAM, BW=15MHz, Range: 3720MHz - 18GHz



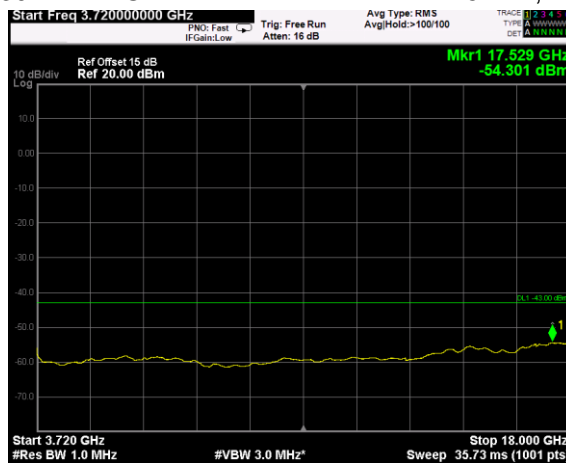
Channel: BOTTOM, Modulation: 16QAM, BW=15MHz, Range: 18GHz - 38GHz



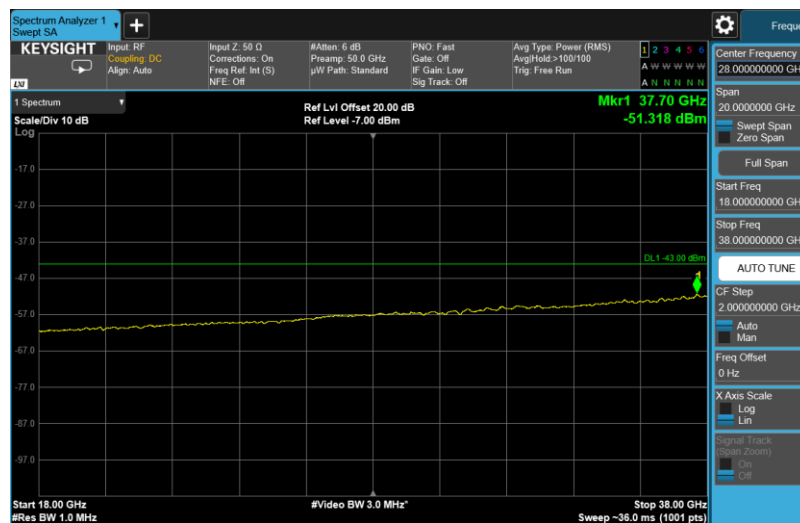
Channel: BOTTOM, Modulation: 64QAM,
BW=15MHz, Range: 30MHz - 1GHz



Channel: BOTTOM, Modulation: 64QAM,
BW=15MHz, Range: 1GHz - 3530MHz



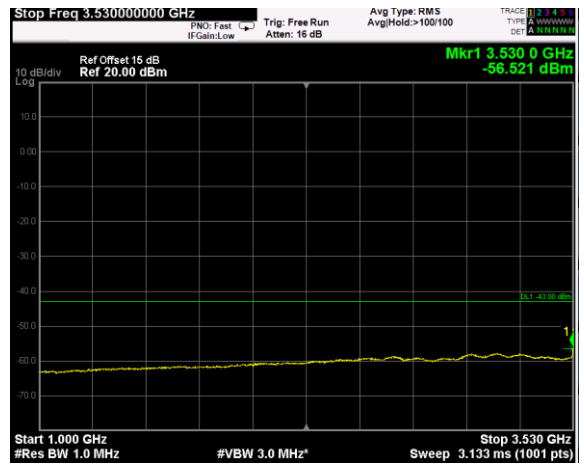
Channel: BOTTOM, Modulation: 64QAM,
BW=15MHz, Range: 3720MHz - 18GHz



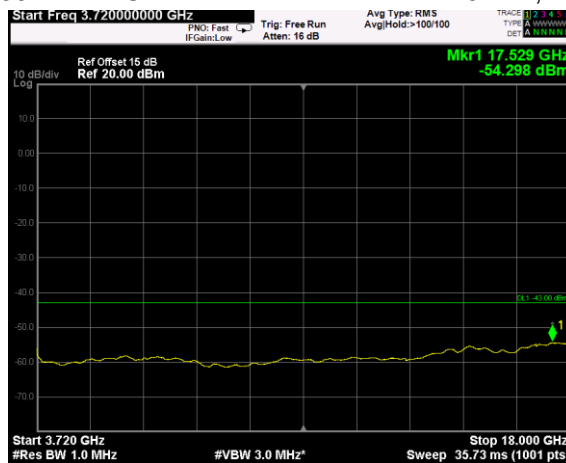
Channel: BOTTOM, Modulation: 64QAM,
BW=15MHz, Range: 18GHz - 38GHz



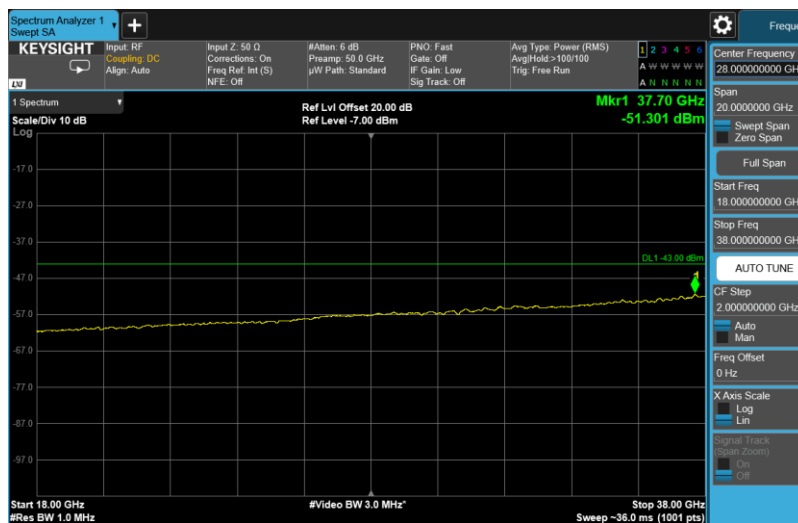
Channel: BOTTOM, Modulation: 256QAM, BW=15MHz, Range: 30MHz - 1GHz



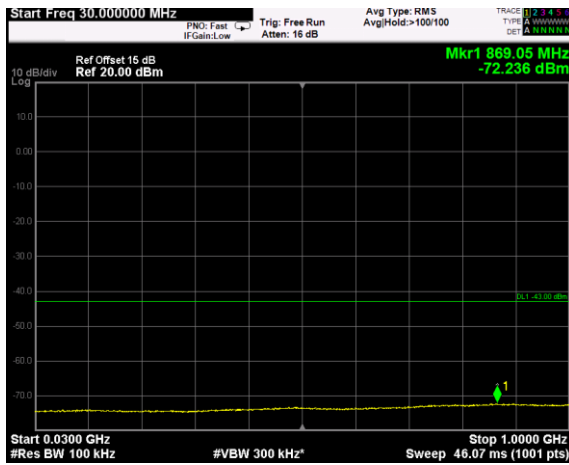
Channel: BOTTOM, Modulation: 256QAM, BW=15MHz, Range: 1GHz - 3530MHz



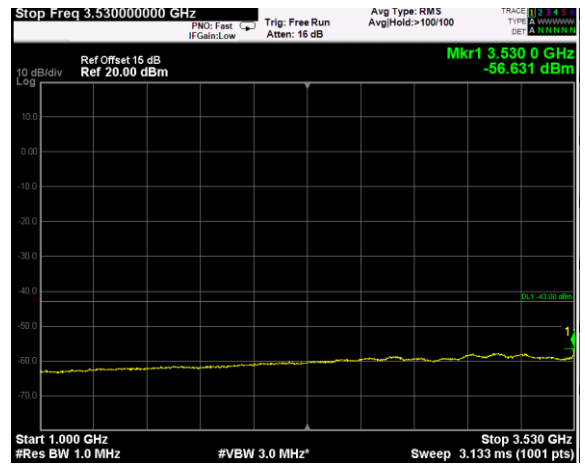
Channel: BOTTOM, Modulation: 256QAM, BW=15MHz, Range: 3720MHz - 18GHz



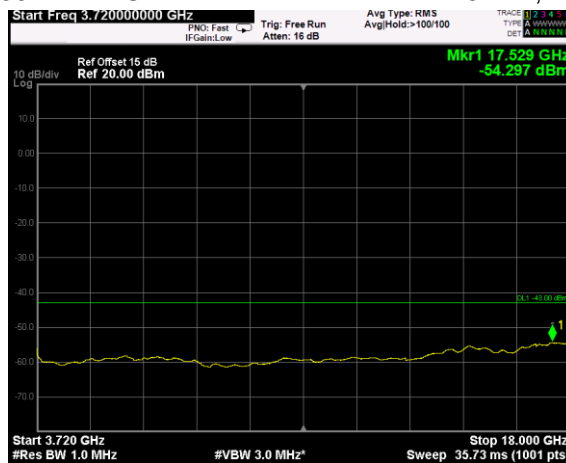
Channel: BOTTOM, Modulation: 256QAM, BW=15MHz, Range: 18GHz - 38GHz



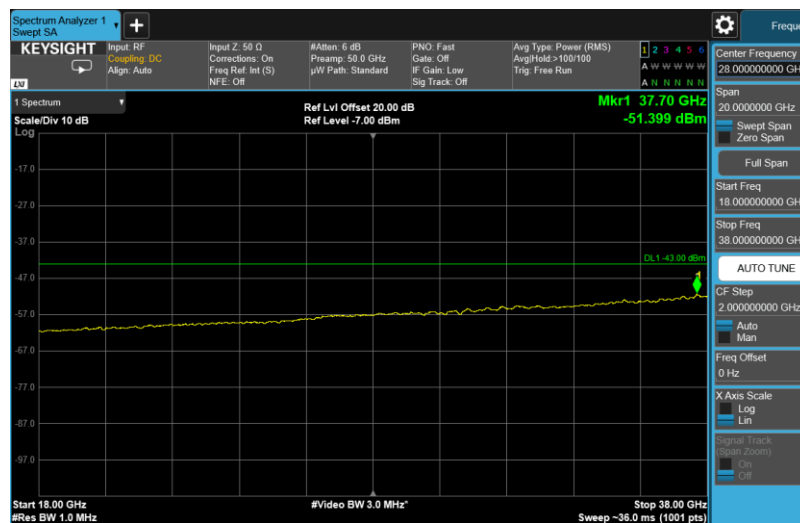
Channel: MIDDLE, Modulation: QPSK,
BW=15MHz, Range: 30MHz - 1GHz



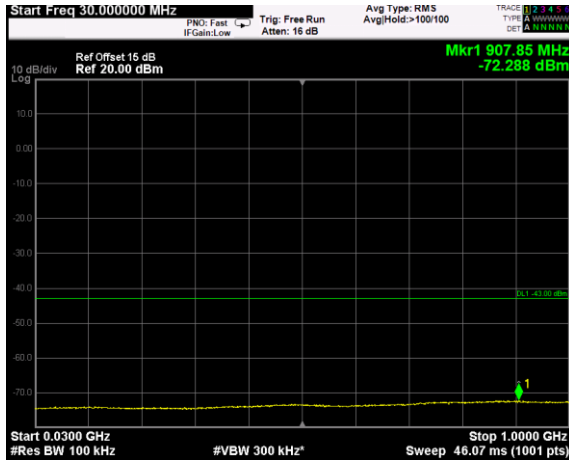
Channel: MIDDLE, Modulation: QPSK,
BW=15MHz, Range: 1GHz - 3530MHz



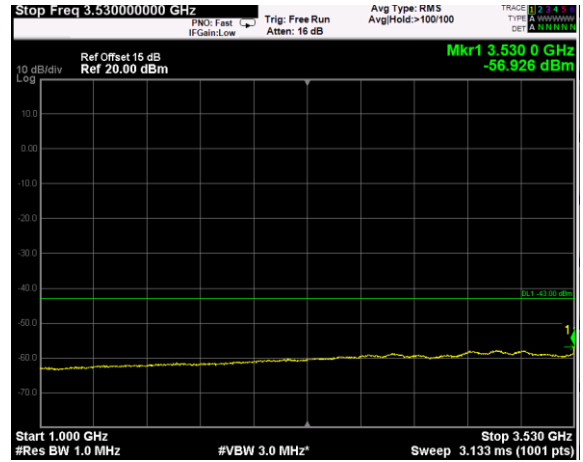
Channel: MIDDLE, Modulation: QPSK,
BW=15MHz, Range: 3720MHz - 18GHz



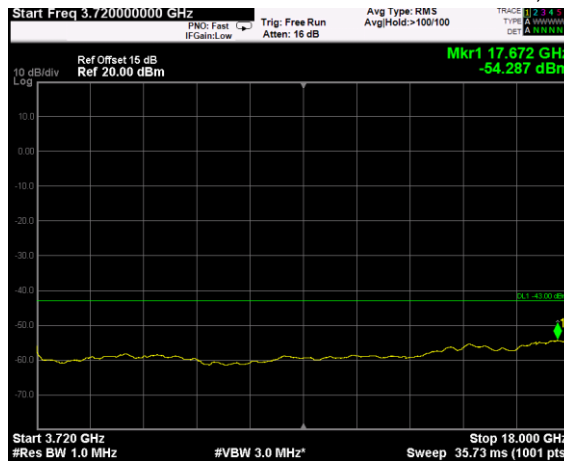
Channel: MIDDLE, Modulation: QPSK,
BW=15MHz, Range: 18GHz - 38GHz



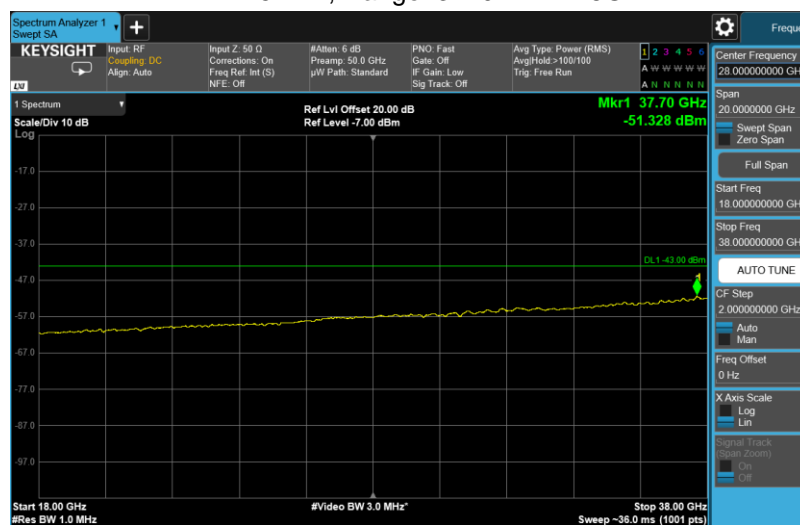
Channel: MIDDLE, Modulation: 16QAM,
BW=15MHz, Range: 30MHz - 1GHz



Channel: MIDDLE, Modulation: 16QAM,
BW=15MHz, Range: 1GHz - 3530MHz



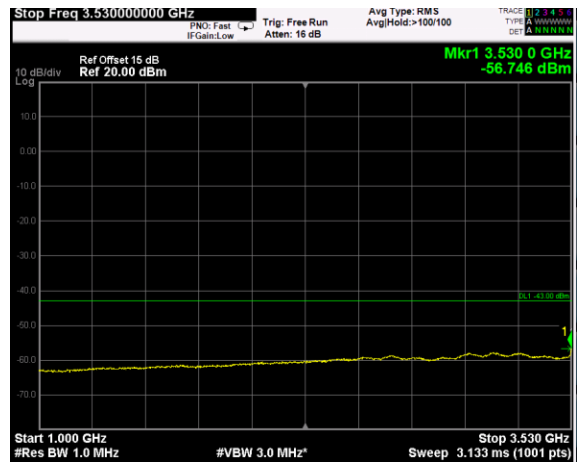
Channel: MIDDLE, Modulation: 16QAM,
BW=15MHz, Range: 3720MHz - 18GHz



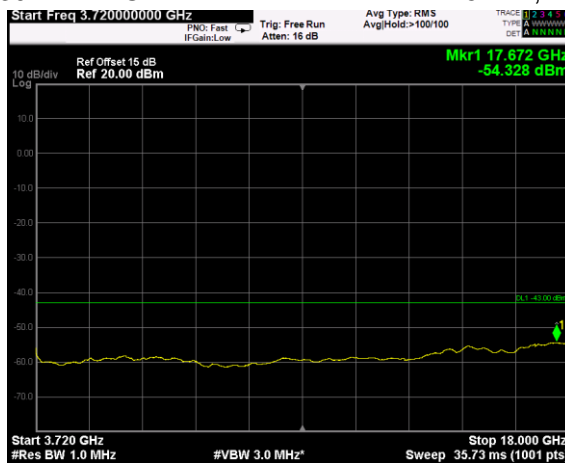
Channel: MIDDLE, Modulation: 16QAM,
BW=15MHz, Range: 18GHz - 38GHz



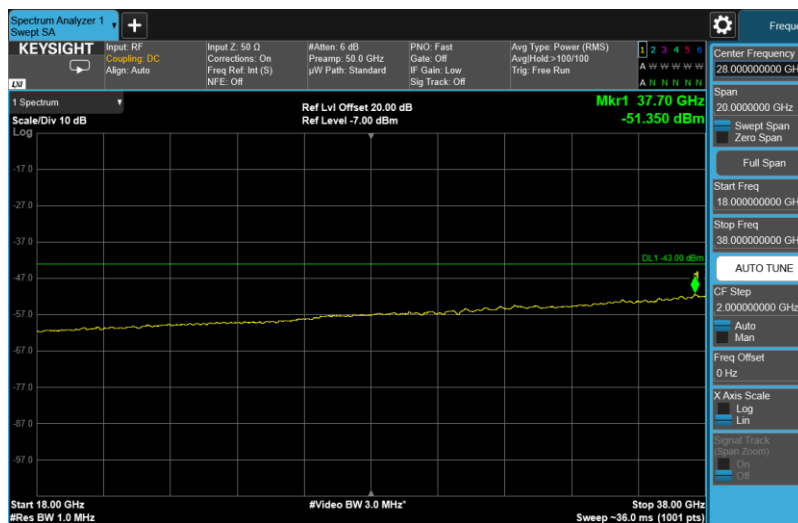
Channel: MIDDLE, Modulation: 64QAM,
BW=15MHz, Range: 30MHz - 1GHz



Channel: MIDDLE, Modulation: 64QAM,
BW=15MHz, Range: 1GHz - 3530MHz



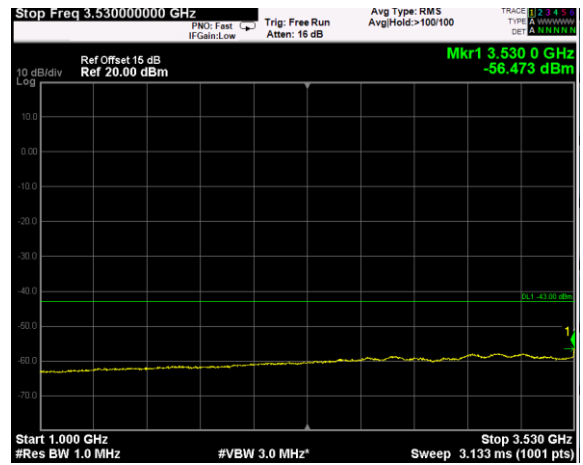
Channel: MIDDLE, Modulation: 64QAM,
BW=15MHz, Range: 3720MHz - 18GHz



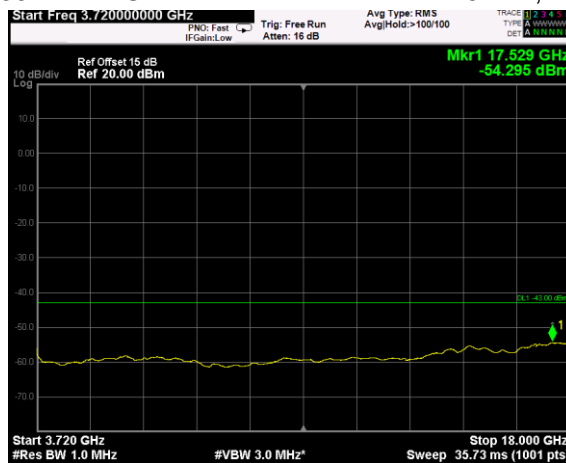
Channel: MIDDLE, Modulation: 64QAM,
BW=15MHz, Range: 18GHz - 38GHz



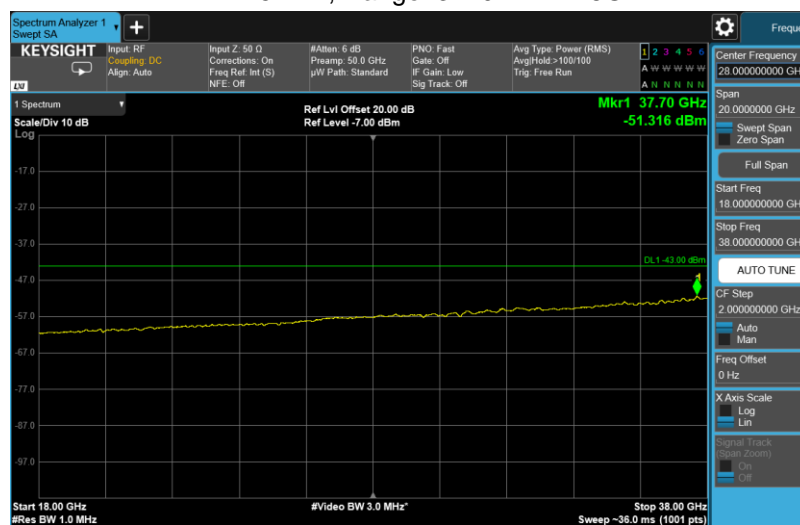
Channel: MIDDLE, Modulation: 256QAM, BW=15MHz, Range: 30MHz - 1GHz



Channel: MIDDLE, Modulation: 256QAM, BW=15MHz, Range: 1GHz - 3530MHz



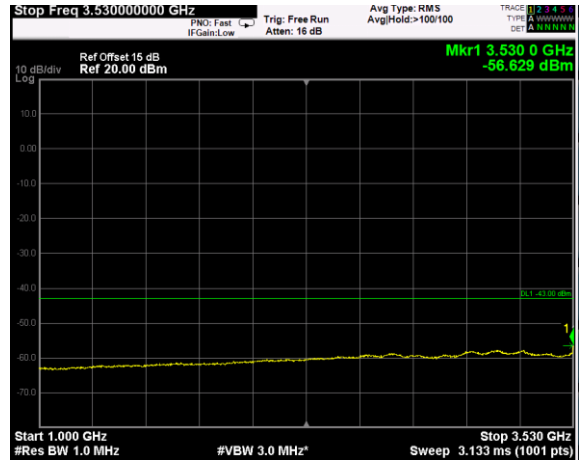
Channel: MIDDLE, Modulation: 256QAM, BW=15MHz, Range: 3720MHz - 18GHz



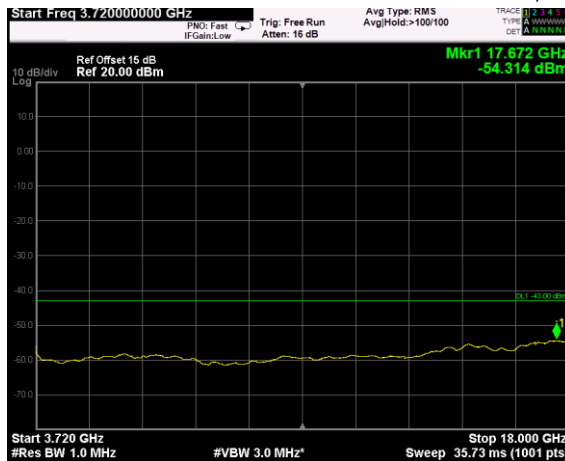
Channel: MIDDLE, Modulation: 256QAM, BW=15MHz, Range: 18GHz - 38GHz



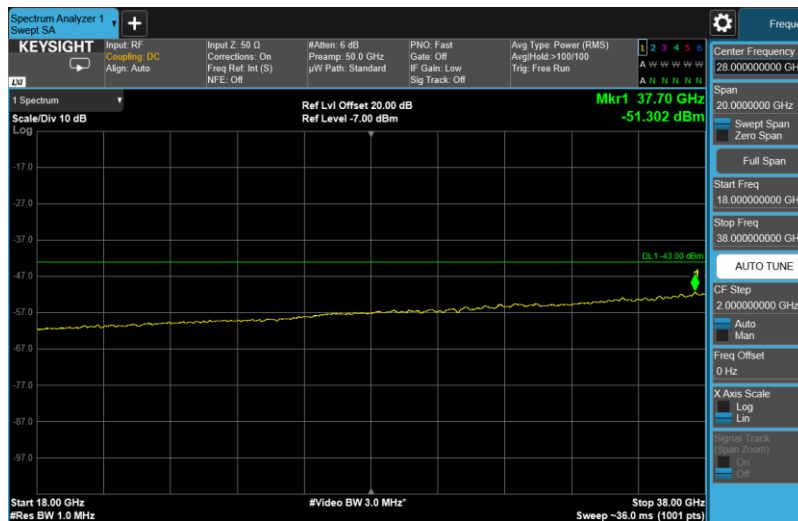
Channel: TOP, Modulation: QPSK,
BW=15MHz, Range: 30MHz - 1GHz



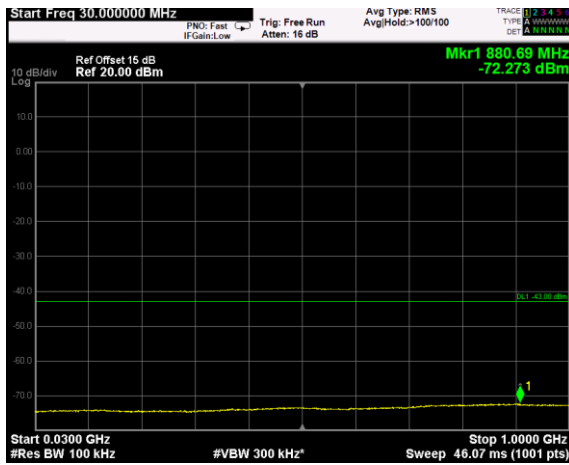
Channel: TOP, Modulation: QPSK,
BW=15MHz, Range: 1GHz - 3530MHz



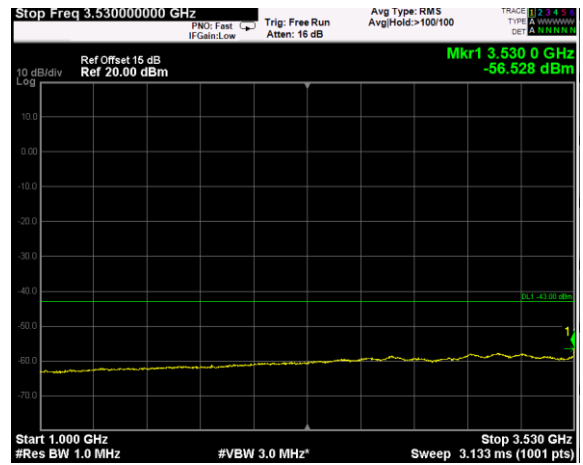
Channel: TOP, Modulation: QPSK,
BW=15MHz, Range: 3720MHz - 18GHz



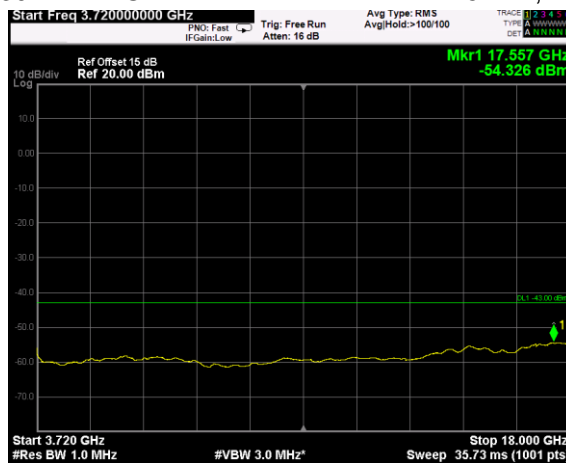
Channel: TOP, Modulation: QPSK,
BW=15MHz, Range: 18GHz - 38GHz



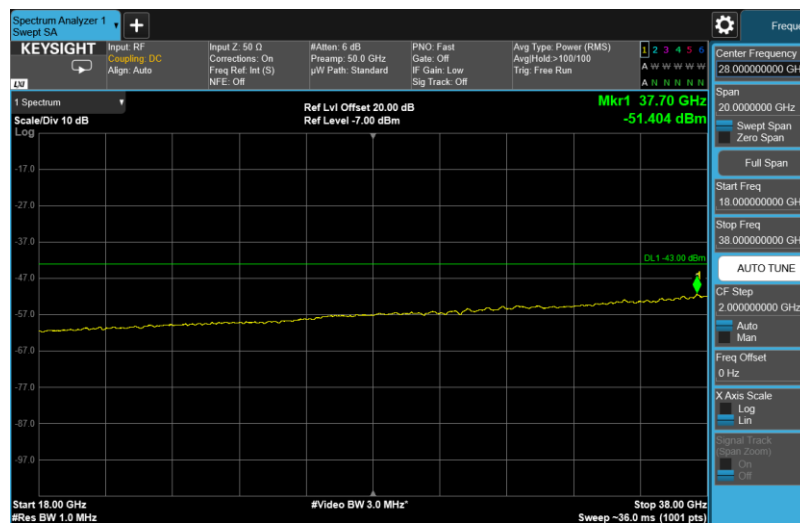
Channel: TOP, Modulation: 16QAM,
BW=15MHz, Range: 30MHz - 1GHz



Channel: TOP, Modulation: 16QAM,
BW=15MHz, Range: 1GHz - 3530MHz



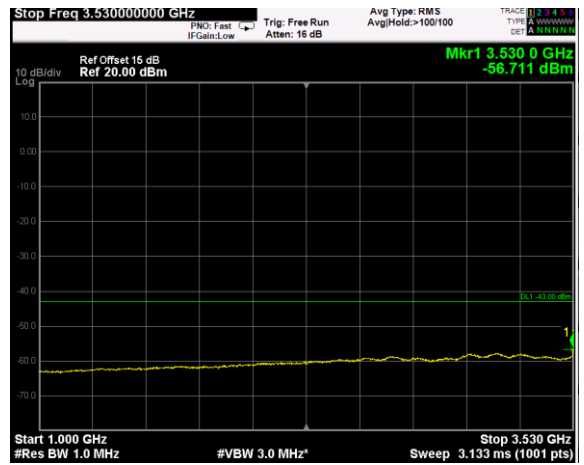
Channel: TOP, Modulation: 16QAM,
BW=15MHz, Range: 3720MHz - 18GHz



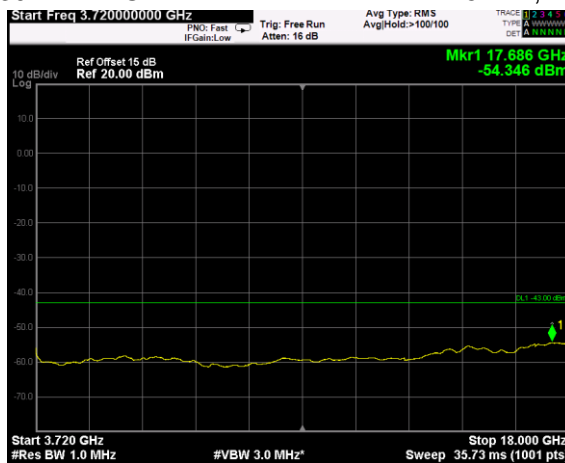
Channel: TOP, Modulation: 16QAM,
BW=15MHz, Range: 18GHz - 38GHz



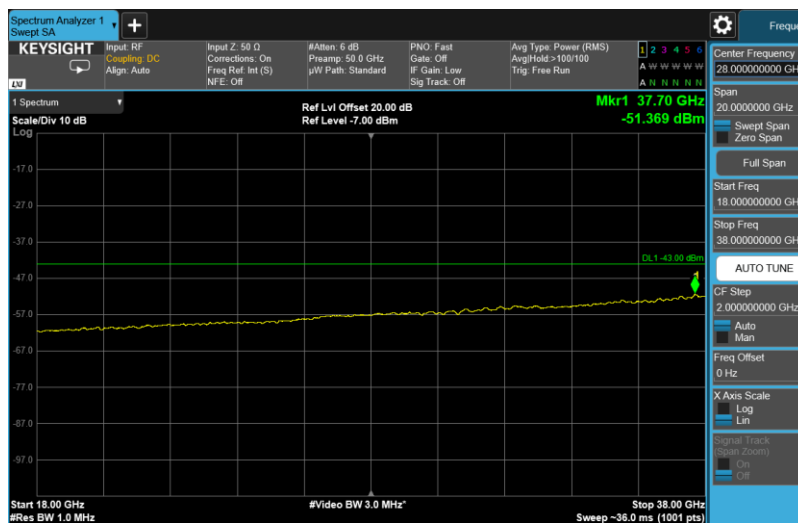
Channel: TOP, Modulation: 64QAM,
BW=15MHz, Range: 30MHz - 1GHz



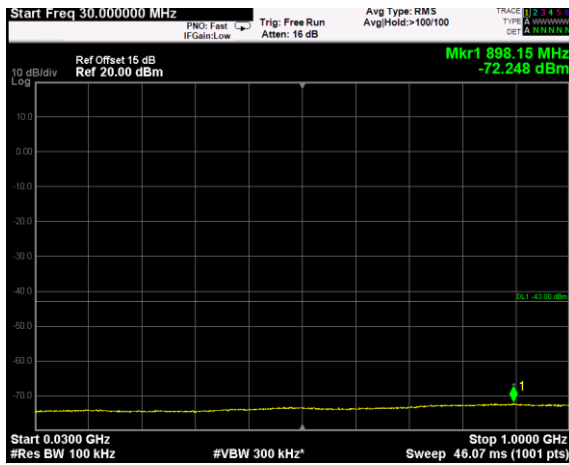
Channel: TOP, Modulation: 64QAM,
BW=15MHz, Range: 1GHz - 3530MHz



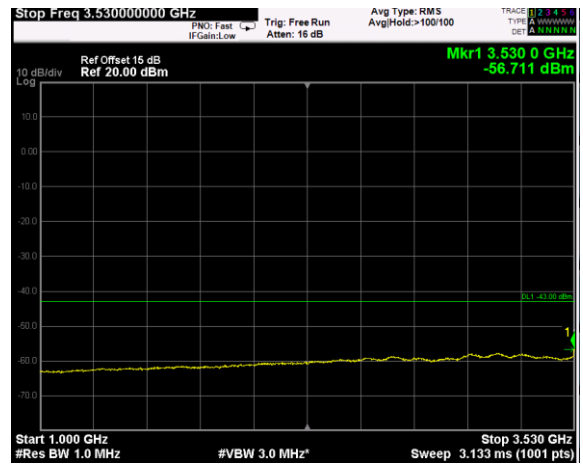
Channel: TOP, Modulation: 64QAM,
BW=15MHz, Range: 3720MHz - 18GHz



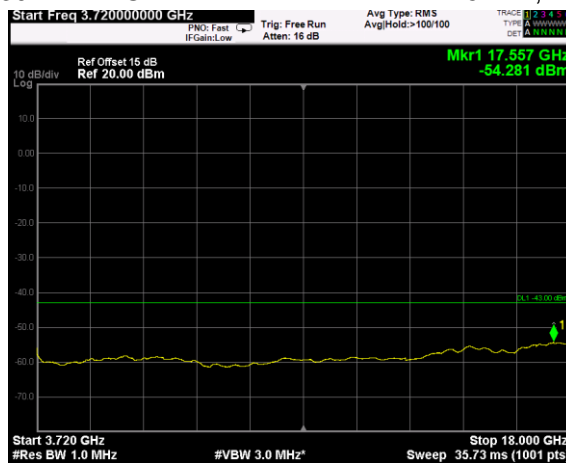
Channel: TOP, Modulation: 64QAM,
BW=15MHz, Range: 18GHz - 38GHz



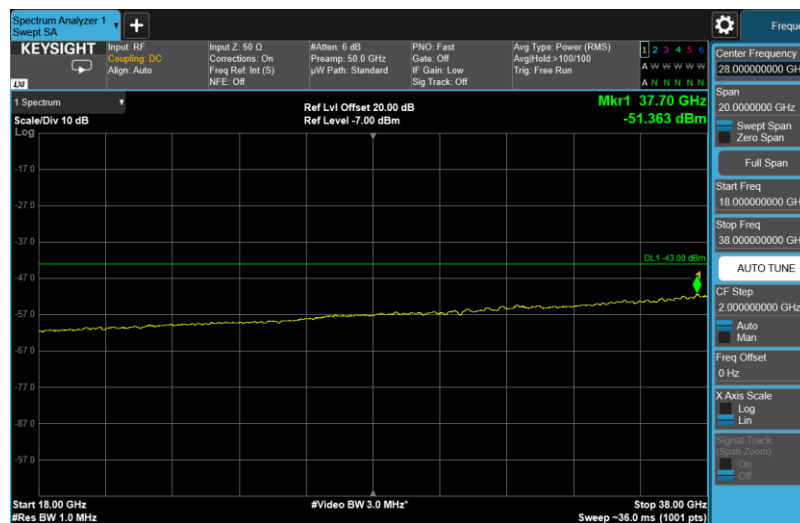
Channel: TOP, Modulation: 256QAM,
BW=15MHz, Range: 30MHz - 1GHz



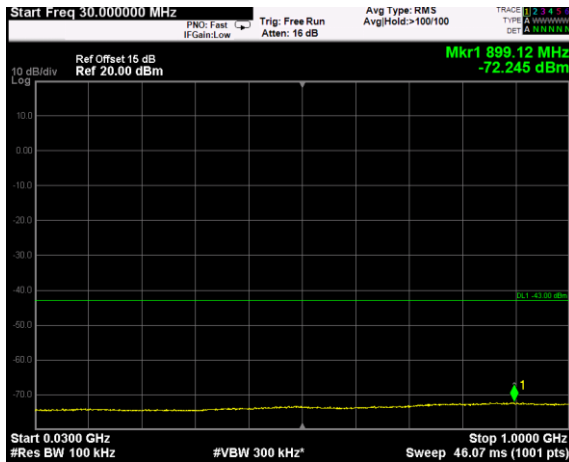
Channel: TOP, Modulation: 256QAM,
BW=15MHz, Range: 1GHz - 3530MHz



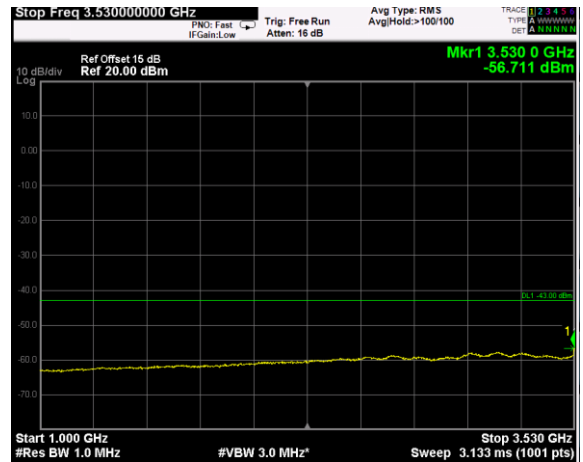
Channel: TOP, Modulation: 256QAM,
BW=15MHz, Range: 3720MHz - 18GHz



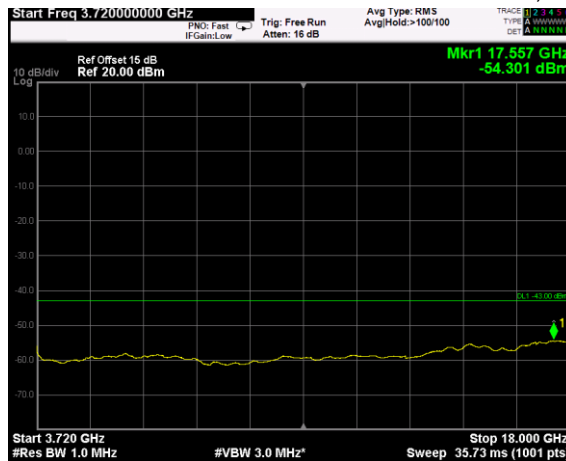
Channel: TOP, Modulation: 256QAM,
BW=15MHz, Range: 18GHz - 38GHz



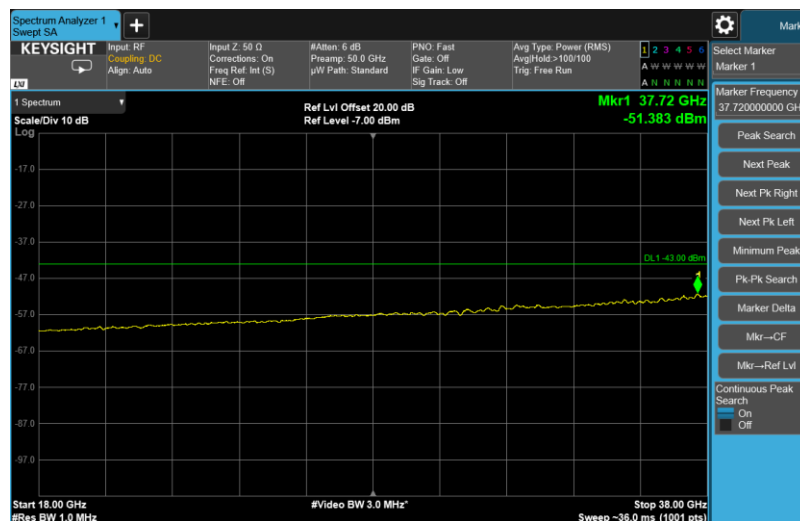
Channel: BOTTOM, Modulation: QPSK, BW=20MHz, Range: 30MHz - 1GHz



Channel: BOTTOM, Modulation: QPSK, BW=20MHz, Range: 1GHz - 3530MHz



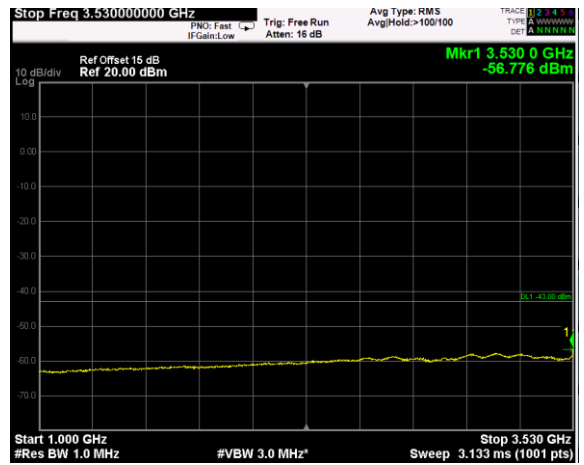
Channel: BOTTOM, Modulation: QPSK, BW=20MHz, Range: 3720MHz - 18GHz



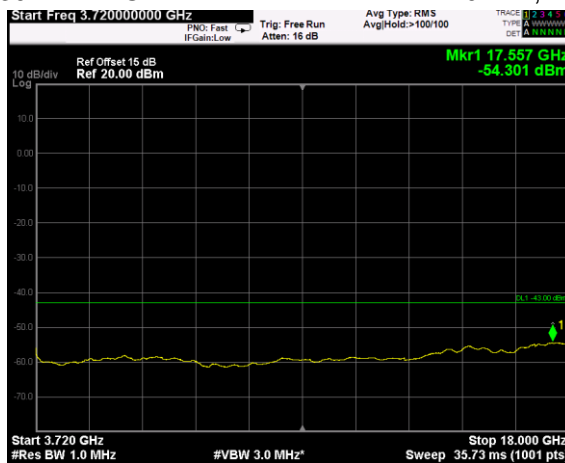
Channel: BOTTOM, Modulation: QPSK, BW=20MHz, Range: 18GHz - 38GHz



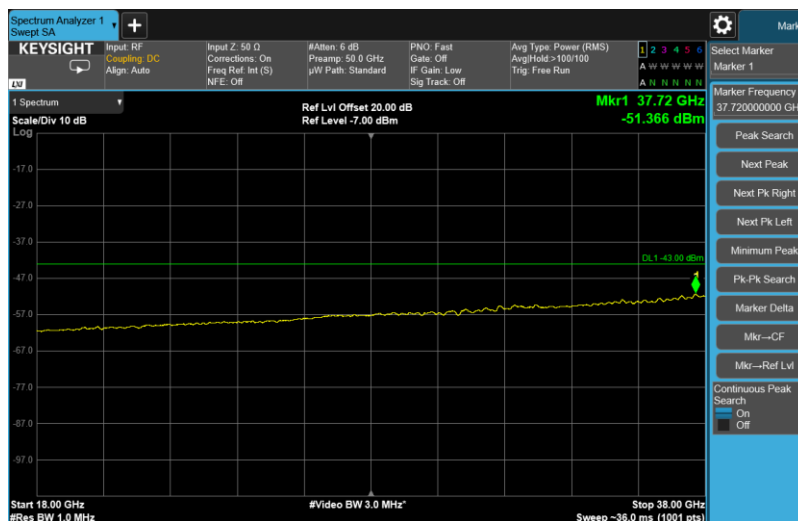
Channel: BOTTOM, Modulation: 16QAM,
BW=20MHz, Range: 30MHz - 1GHz



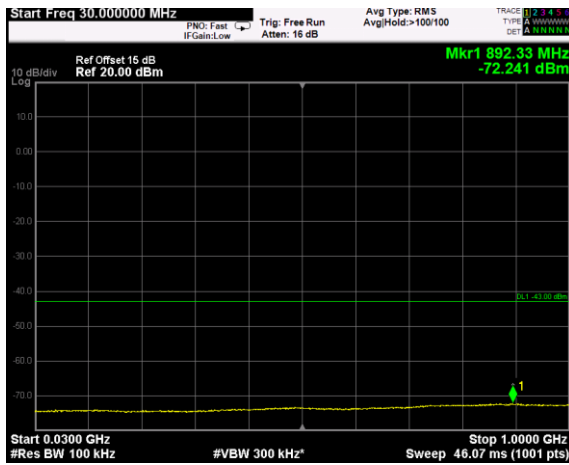
Channel: BOTTOM, Modulation: 16QAM,
BW=20MHz, Range: 1GHz - 3530MHz



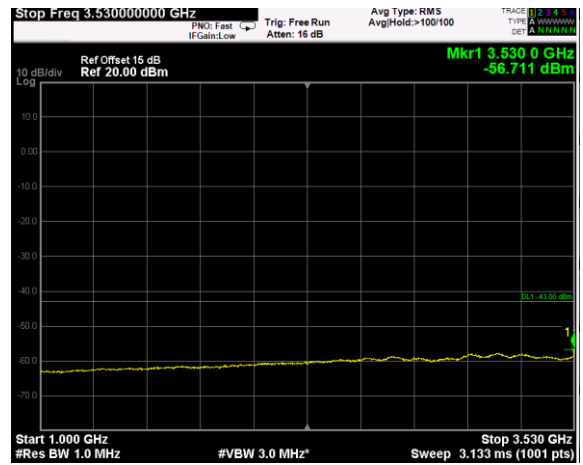
Channel: BOTTOM, Modulation: 16QAM,
BW=20MHz, Range: 3720MHz - 18GHz



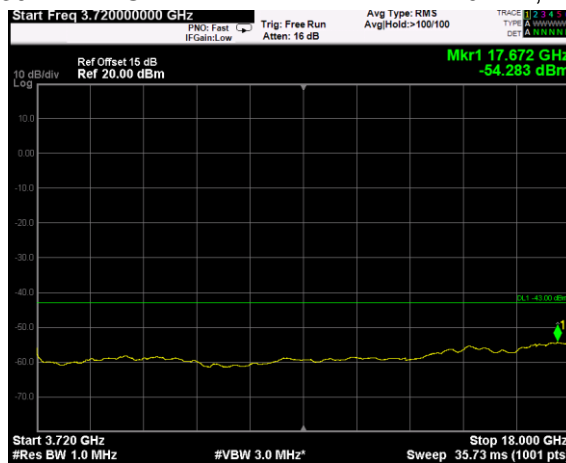
Channel: BOTTOM, Modulation: 16QAM,
BW=20MHz, Range: 18GHz - 38GHz



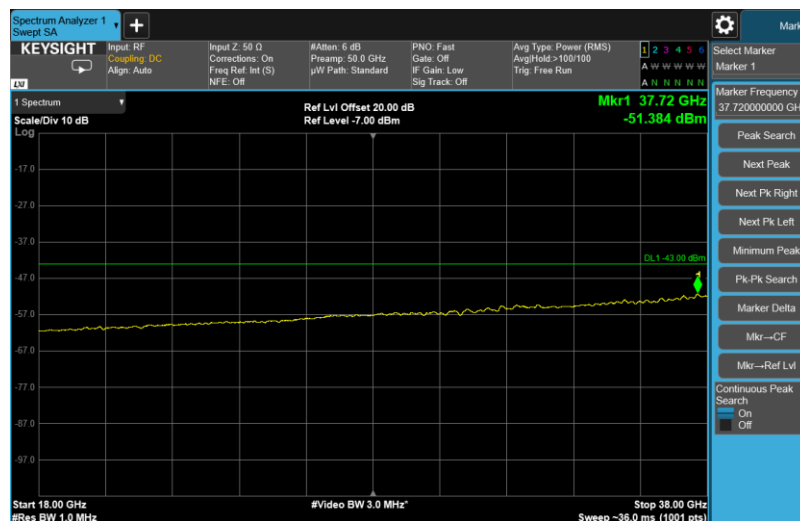
Channel: BOTTOM, Modulation: 64QAM,
BW=20MHz, Range: 30MHz - 1GHz



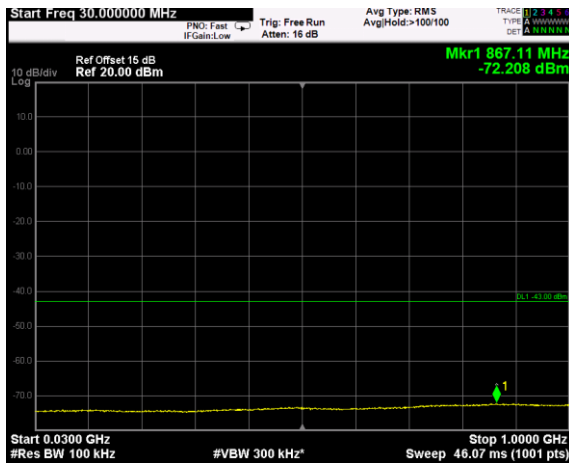
Channel: BOTTOM, Modulation: 64QAM,
BW=20MHz, Range: 1GHz - 3530MHz



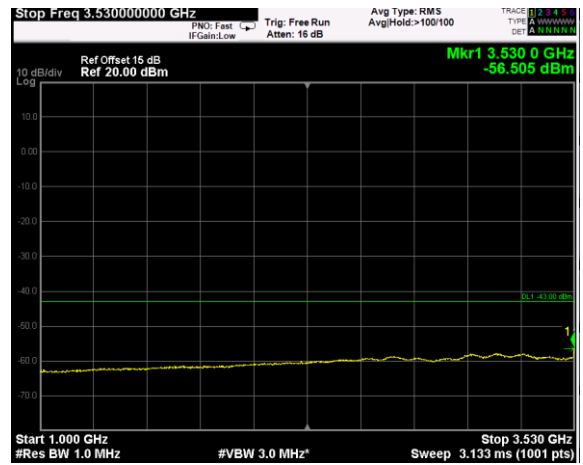
Channel: BOTTOM, Modulation: 64QAM,
BW=20MHz, Range: 3720MHz - 18GHz



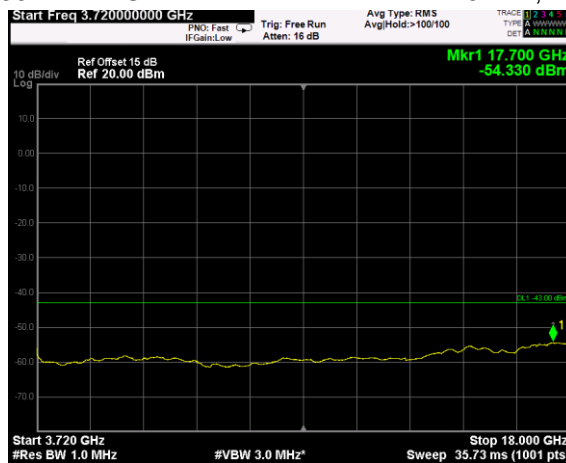
Channel: BOTTOM, Modulation: 64QAM,
BW=20MHz, Range: 18GHz - 38GHz



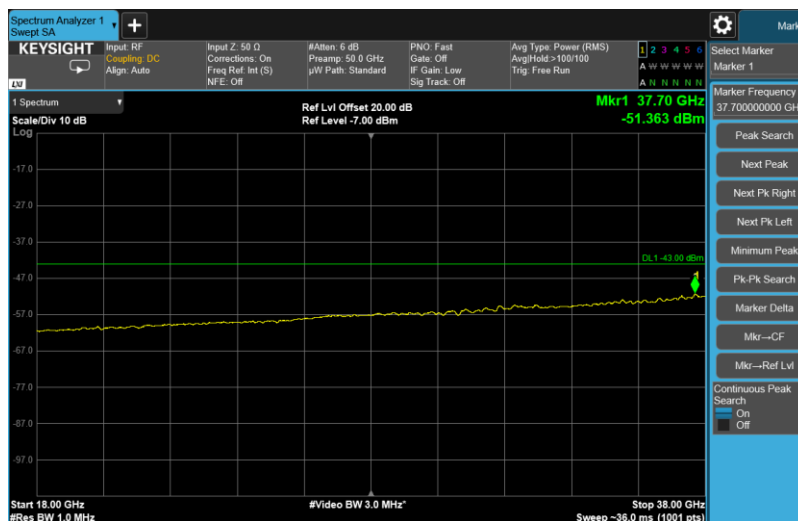
Channel: BOTTOM, Modulation: 256QAM, BW=20MHz, Range: 30MHz - 1GHz



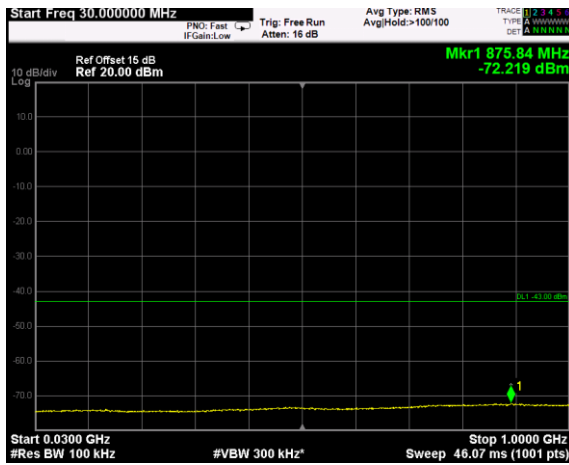
Channel: BOTTOM, Modulation: 256QAM, BW=20MHz, Range: 1GHz - 3530MHz



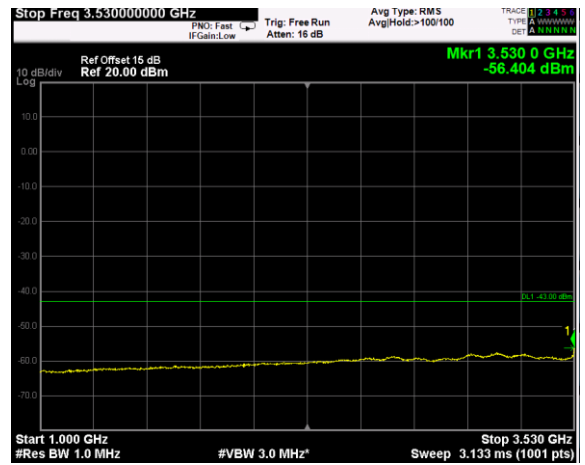
Channel: BOTTOM, Modulation: 256QAM, BW=20MHz, Range: 3720MHz - 18GHz



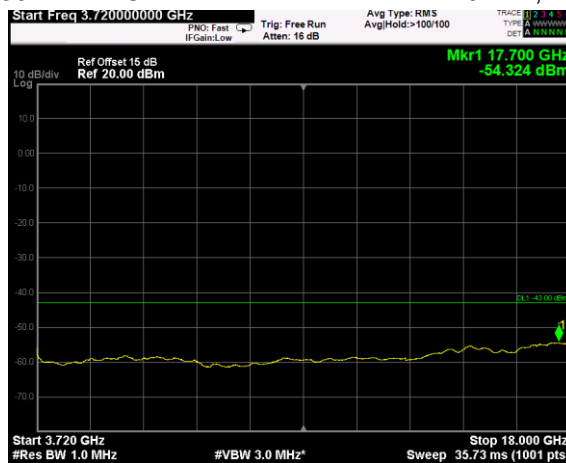
Channel: BOTTOM, Modulation: 256QAM, BW=20MHz, Range: 18GHz - 38GHz



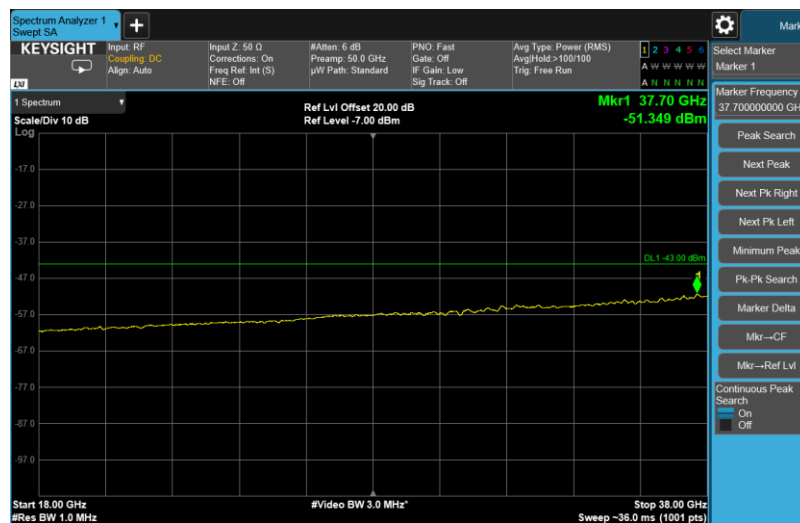
Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, Range: 30MHz - 1GHz



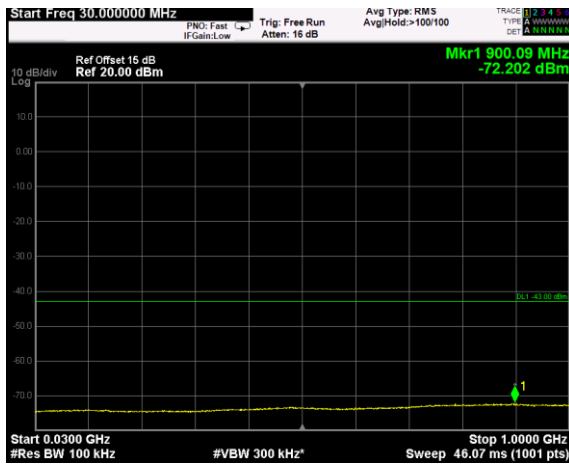
Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, Range: 1GHz - 3530MHz



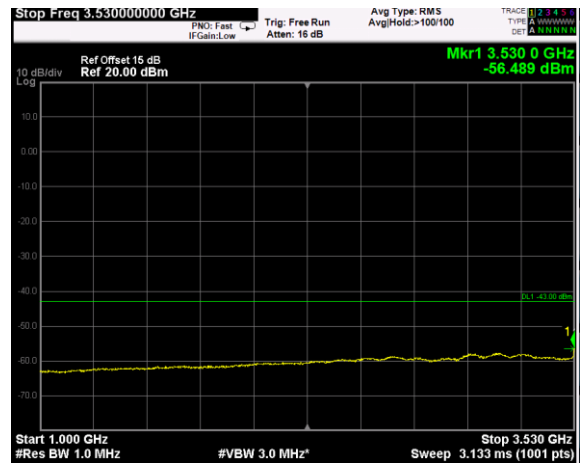
Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, Range: 3720MHz - 18GHz



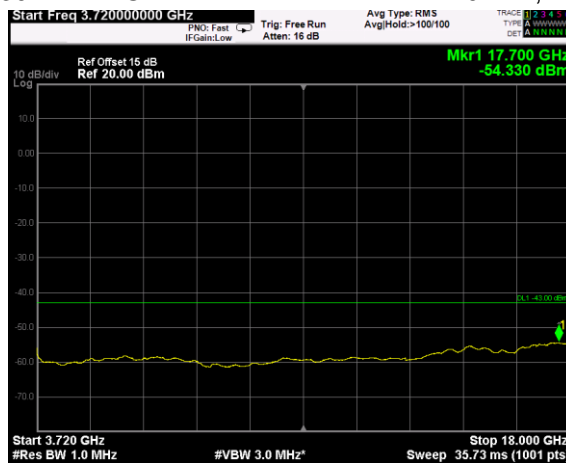
Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, Range: 18GHz - 38GHz



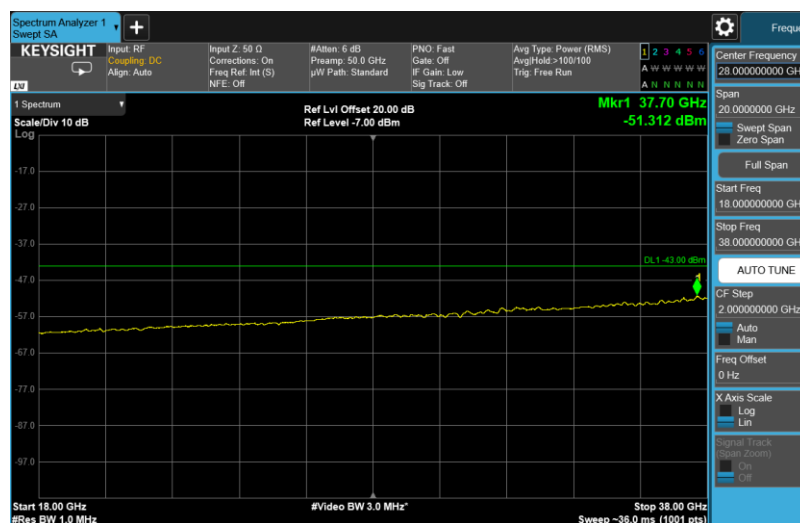
Channel: MIDDLE, Modulation: 16QAM,
BW=20MHz, Range: 30MHz - 1GHz



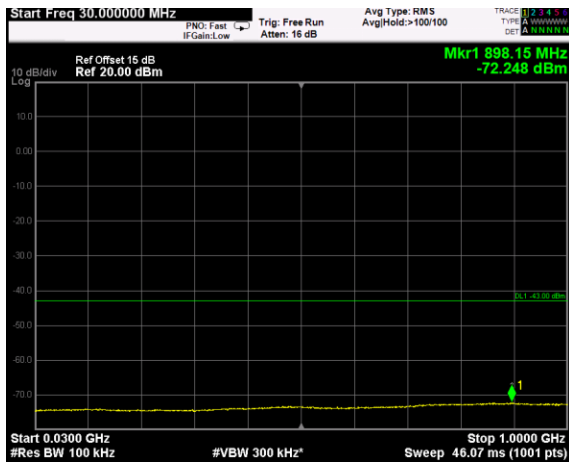
Channel: MIDDLE, Modulation: 16QAM,
BW=20MHz, Range: 1GHz - 3530MHz



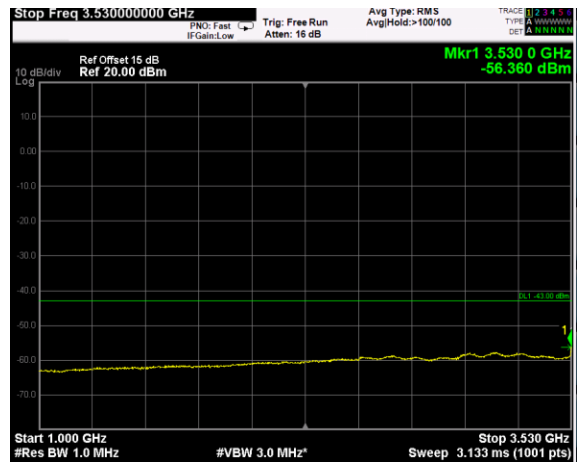
Channel: MIDDLE, Modulation: 16QAM,
BW=20MHz, Range: 3720MHz - 18GHz



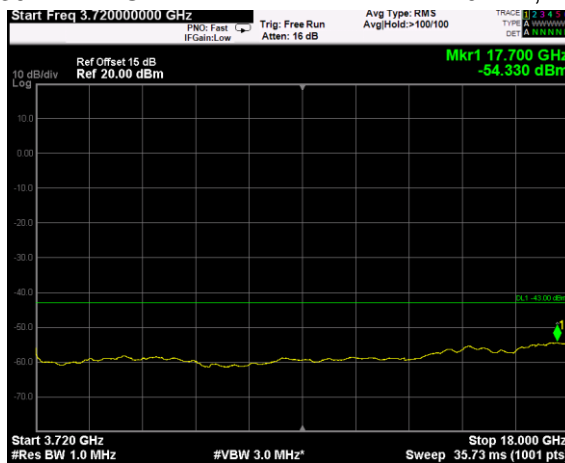
Channel: MIDDLE, Modulation: 16QAM,
BW=20MHz, Range: 18GHz - 38GHz



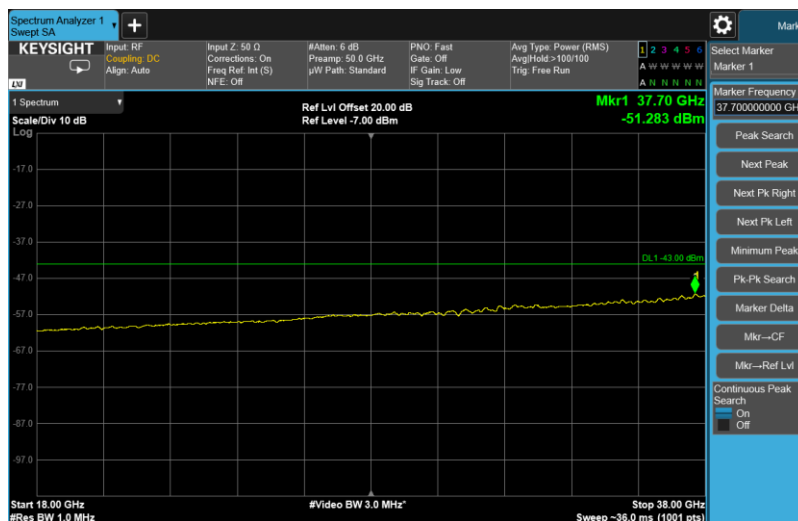
Channel: MIDDLE, Modulation: 64QAM,
BW=20MHz, Range: 30MHz - 1GHz



Channel: MIDDLE, Modulation: 64QAM,
BW=20MHz, Range: 1GHz - 3530MHz



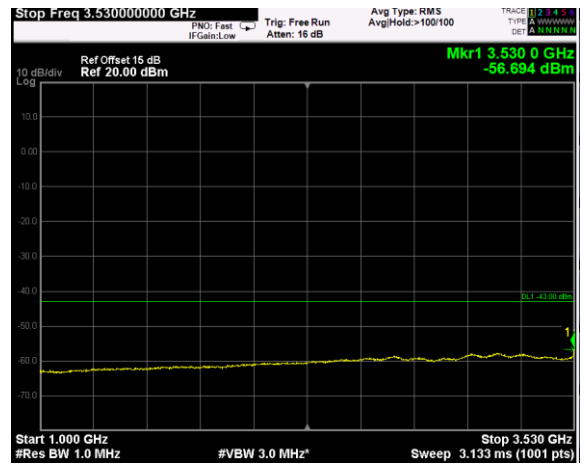
Channel: MIDDLE, Modulation: 64QAM,
BW=20MHz, Range: 3720MHz - 18GHz



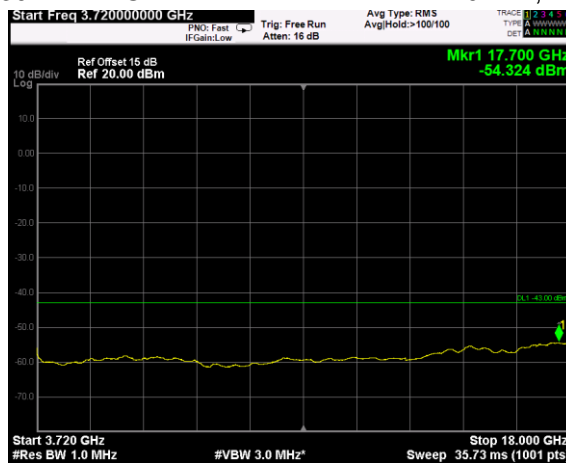
Channel: MIDDLE, Modulation: 64QAM,
BW=20MHz, Range: 18GHz - 38GHz



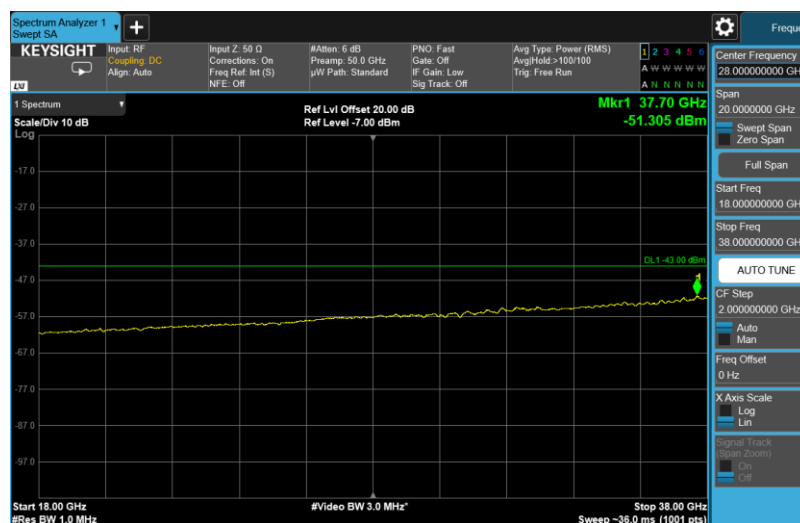
Channel: MIDDLE, Modulation: 256QAM,
BW=20MHz, Range: 30MHz - 1GHz



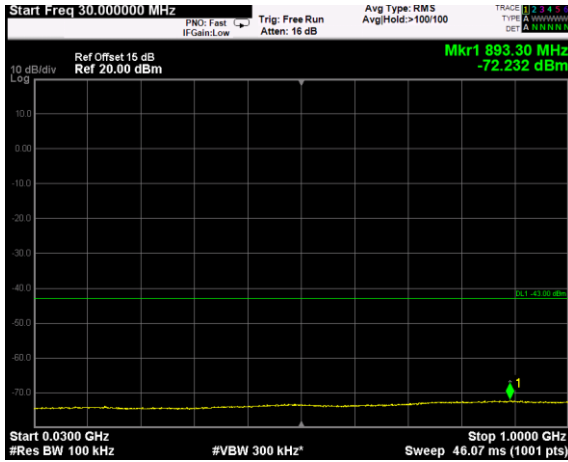
Channel: MIDDLE, Modulation: 256QAM,
BW=20MHz, Range: 1GHz - 3530MHz



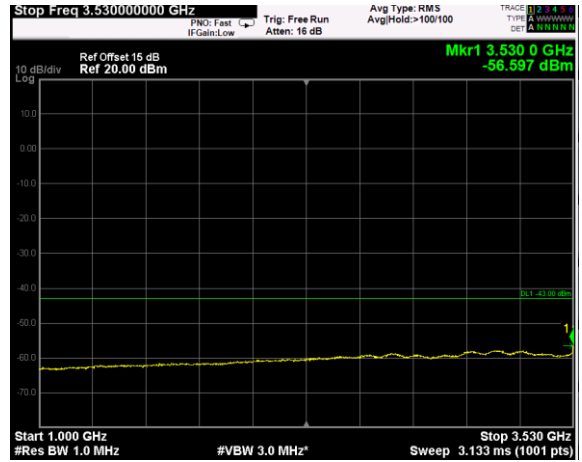
Channel: MIDDLE, Modulation: 256QAM,
BW=20MHz, Range: 3720MHz - 18GHz



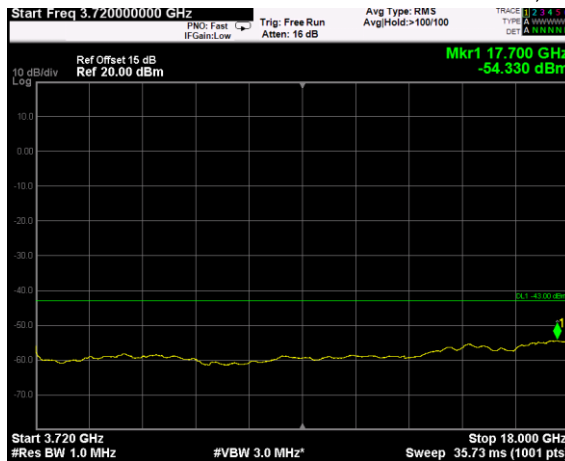
Channel: MIDDLE, Modulation: 256QAM,
BW=20MHz, Range: 18GHz - 38GHz



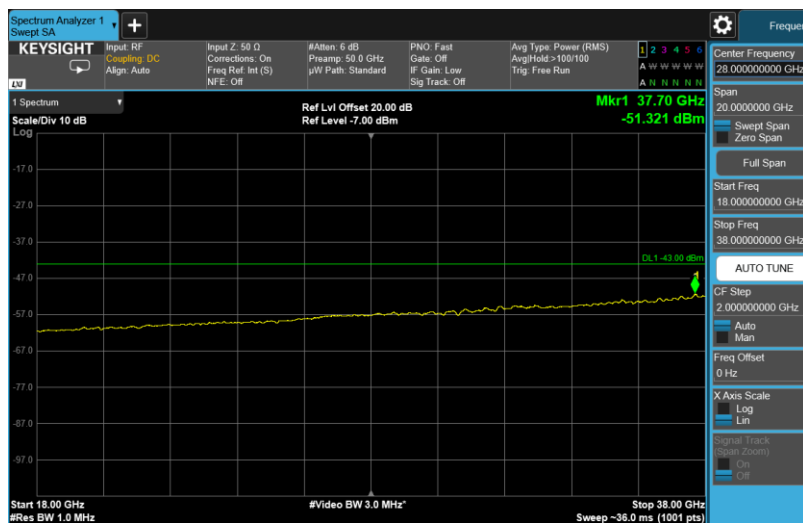
Channel: TOP, Modulation: QPSK,
BW=20MHz, Range: 30MHz - 1GHz



Channel: TOP, Modulation: QPSK,
BW=20MHz, Range: 1GHz - 3530MHz



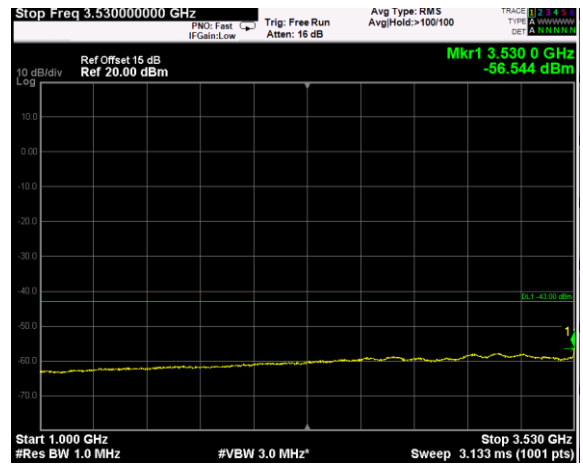
Channel: TOP, Modulation: QPSK,
BW=20MHz, Range: 3720MHz - 18GHz



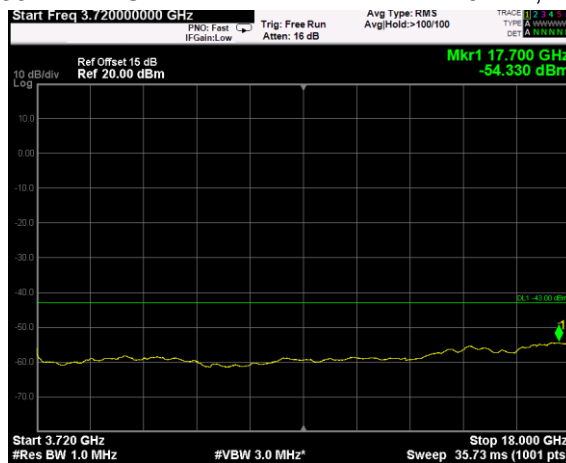
Channel: TOP, Modulation: QPSK,
BW=20MHz, Range: 18GHz - 38GHz



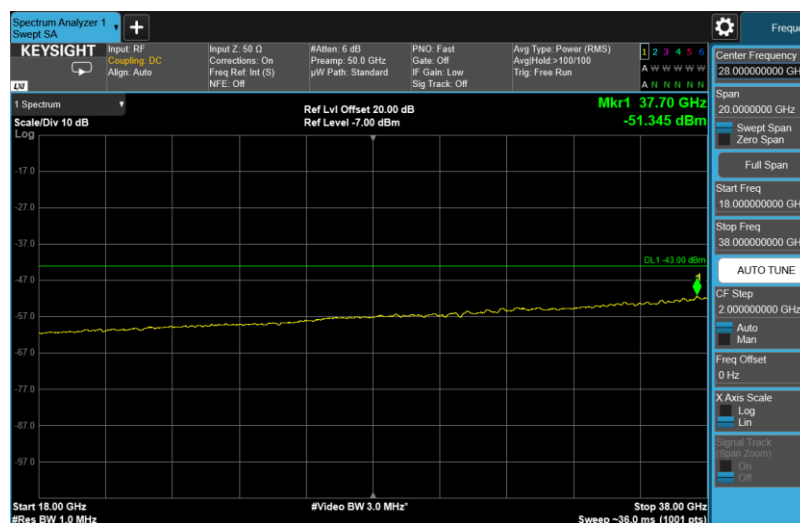
Channel: TOP, Modulation: 16QAM,
BW=20MHz, Range: 30MHz - 1GHz



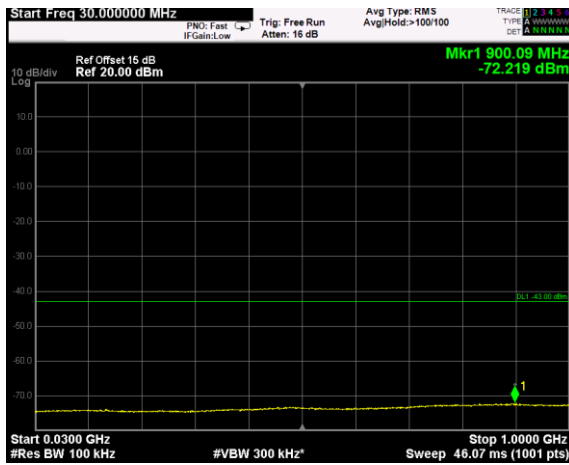
Channel: TOP, Modulation: 16QAM,
BW=20MHz, Range: 1GHz - 3530MHz



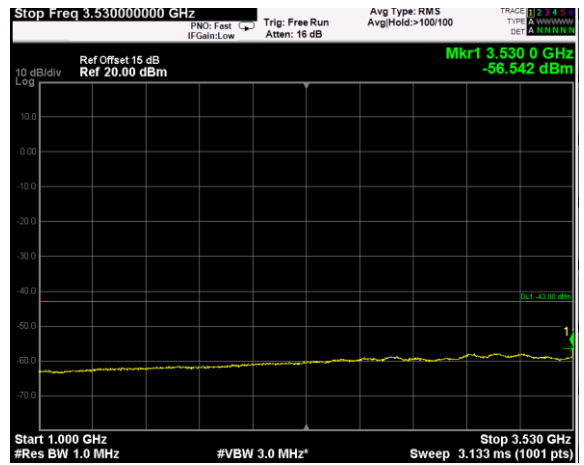
Channel: TOP, Modulation: 16QAM,
BW=20MHz, Range: 3720MHz - 18GHz



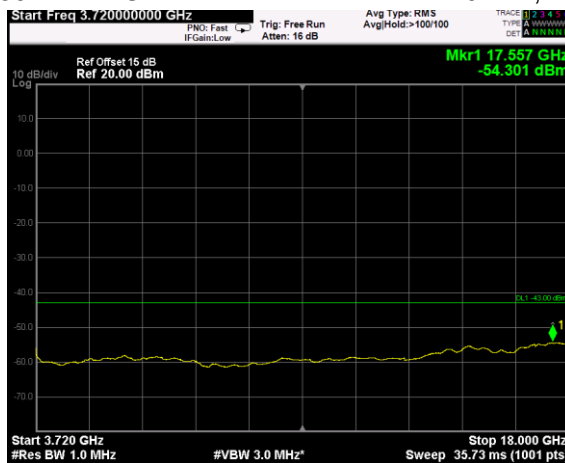
Channel: TOP, Modulation: 16QAM,
BW=20MHz, Range: 18GHz - 38GHz



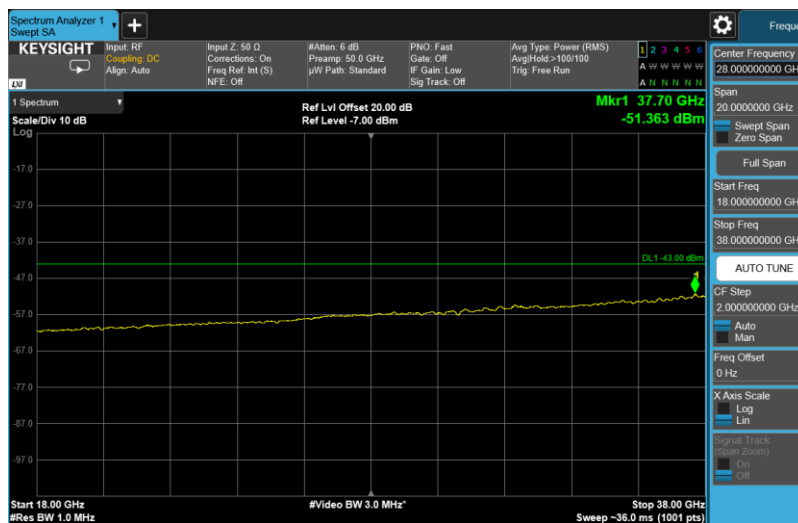
Channel: TOP, Modulation: 64QAM,
BW=20MHz, Range: 30MHz - 1GHz



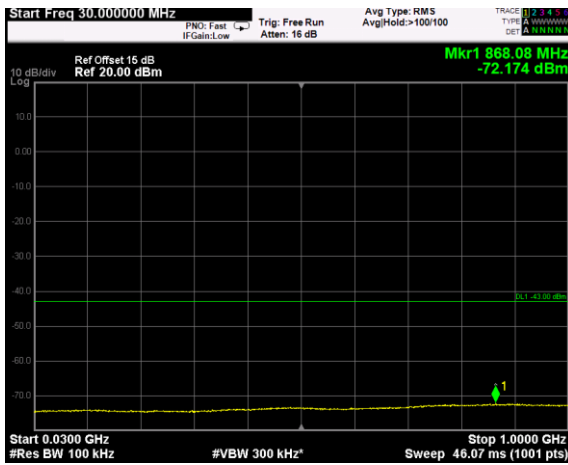
Channel: TOP, Modulation: 64QAM,
BW=20MHz, Range: 1GHz - 3530MHz



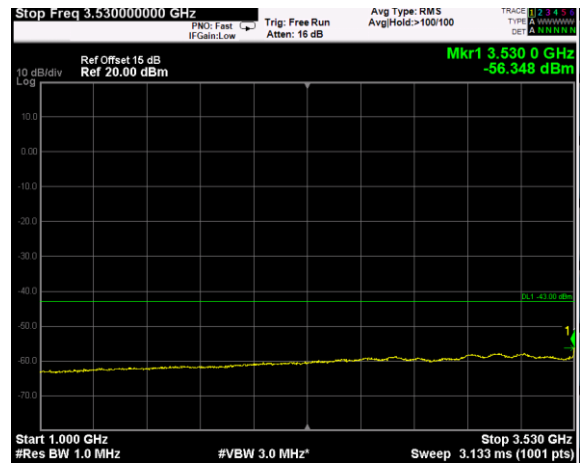
Channel: TOP, Modulation: 64QAM,
BW=20MHz, Range: 3720MHz - 18GHz



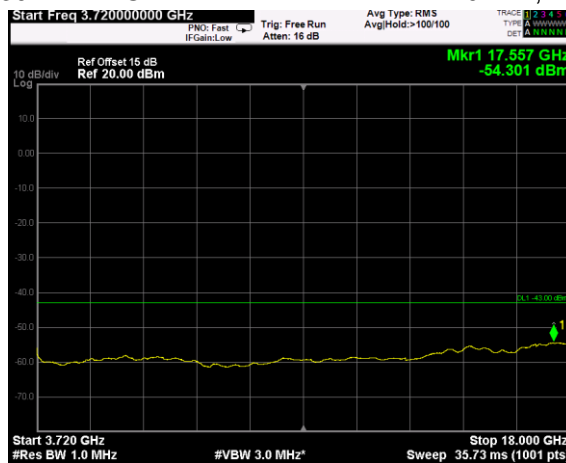
Channel: TOP, Modulation: 64QAM,
BW=20MHz, Range: 18GHz - 38GHz



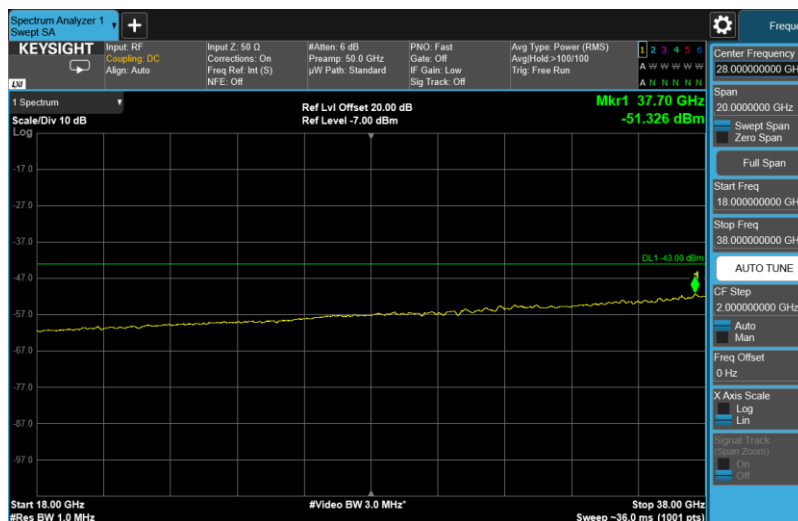
Channel: TOP, Modulation: 256QAM,
BW=20MHz, Range: 30MHz - 1GHz



Channel: TOP, Modulation: 256QAM,
BW=20MHz, Range: 1GHz - 3530MHz



Channel: TOP, Modulation: 256QAM,
BW=20MHz, Range: 3720MHz - 18GHz



Channel: TOP, Modulation: 256QAM,
BW=20MHz, Range: 18GHz - 38GHz