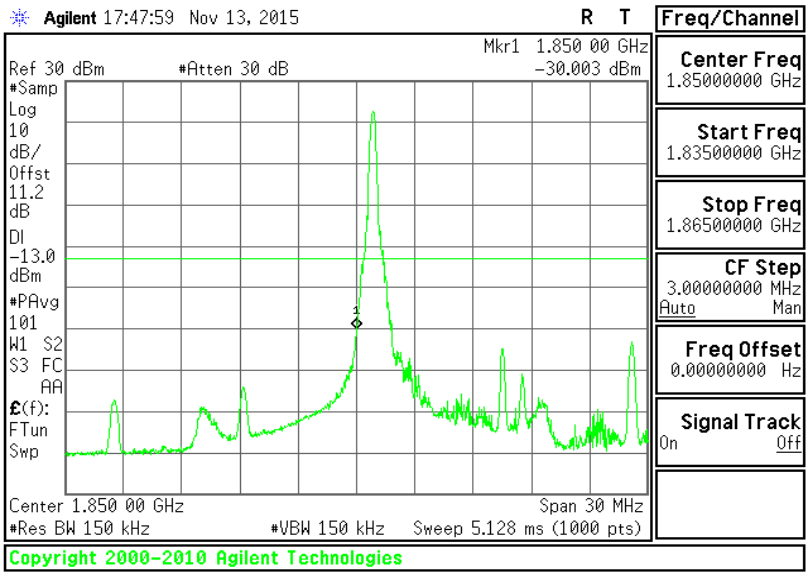
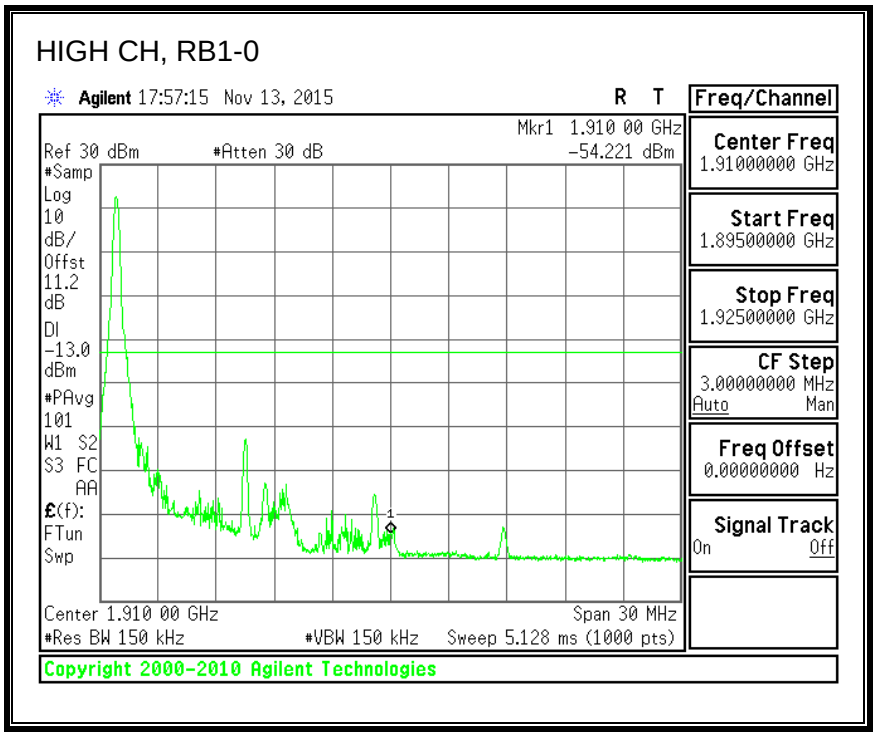
QPSK, (15.0 MHz BAND WIDTH)

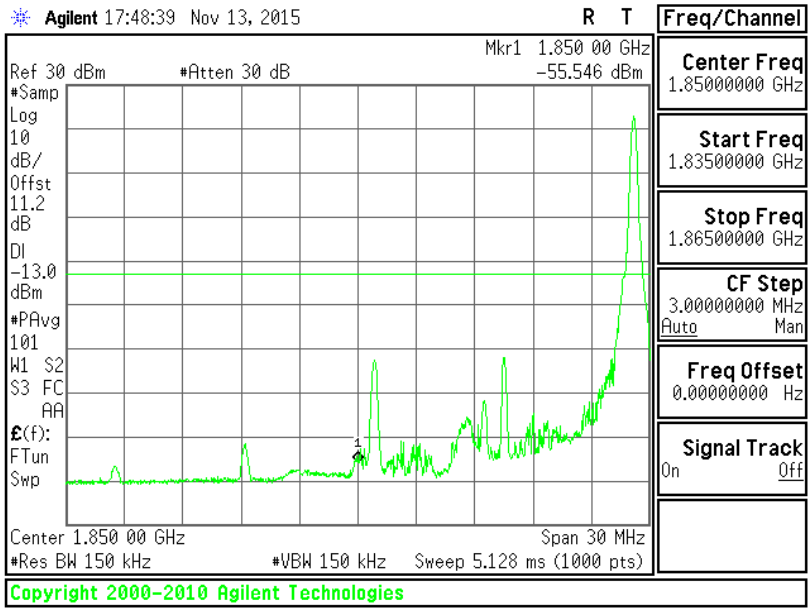
LOW CH, RB1-0



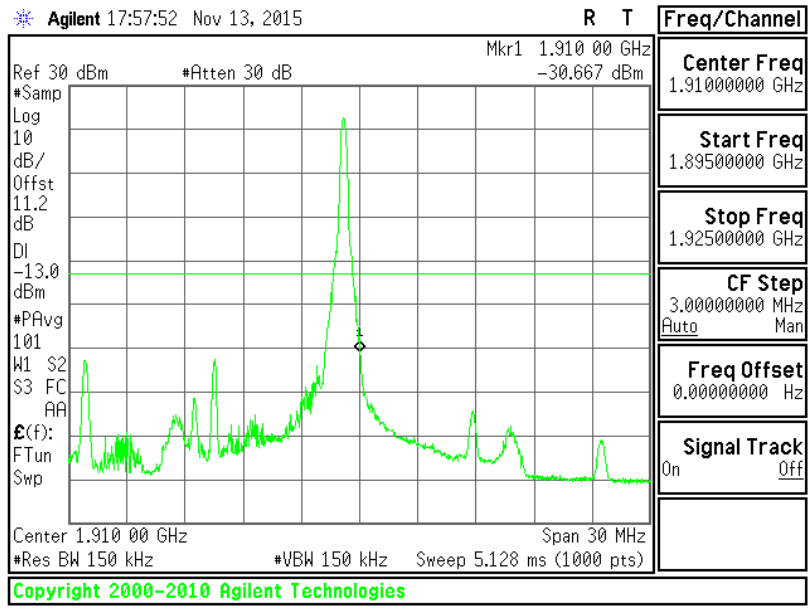
HIGH CH, RB1-0



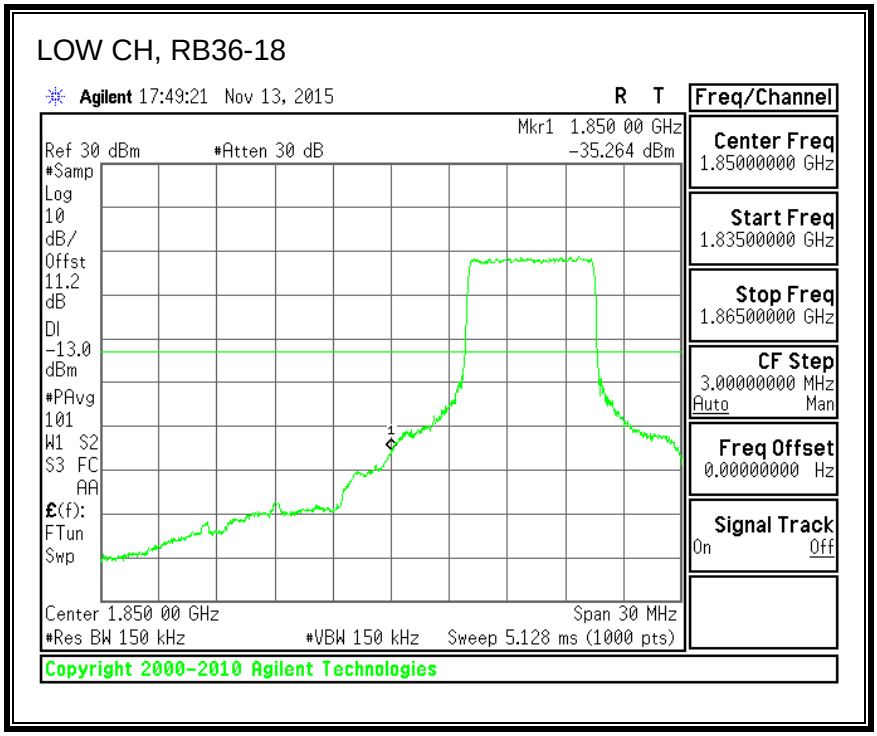
LOW CH, RB1-74



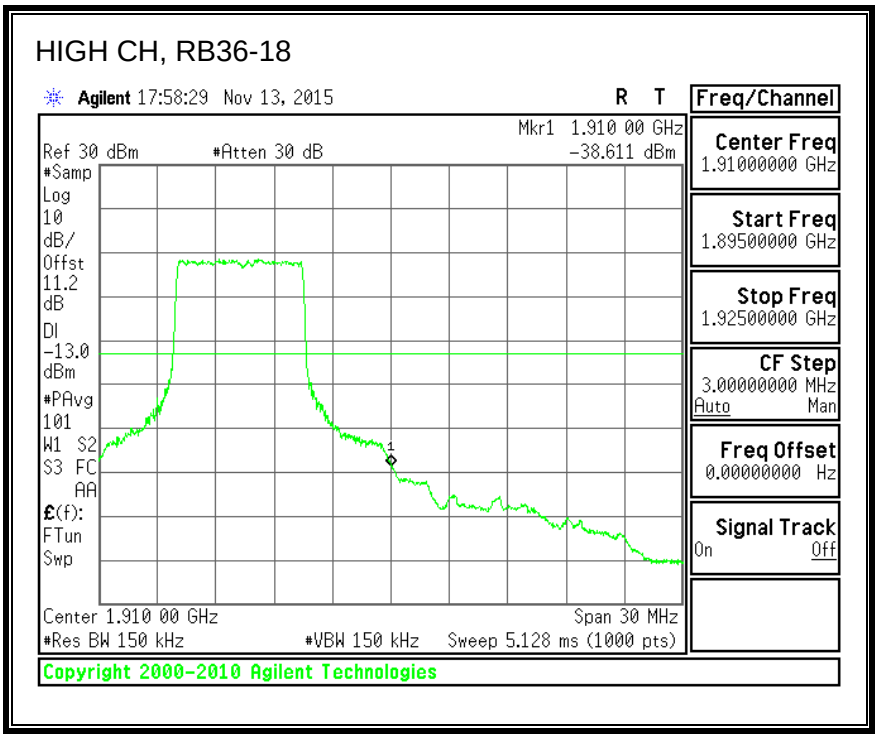
HIGH CH, RB1-74



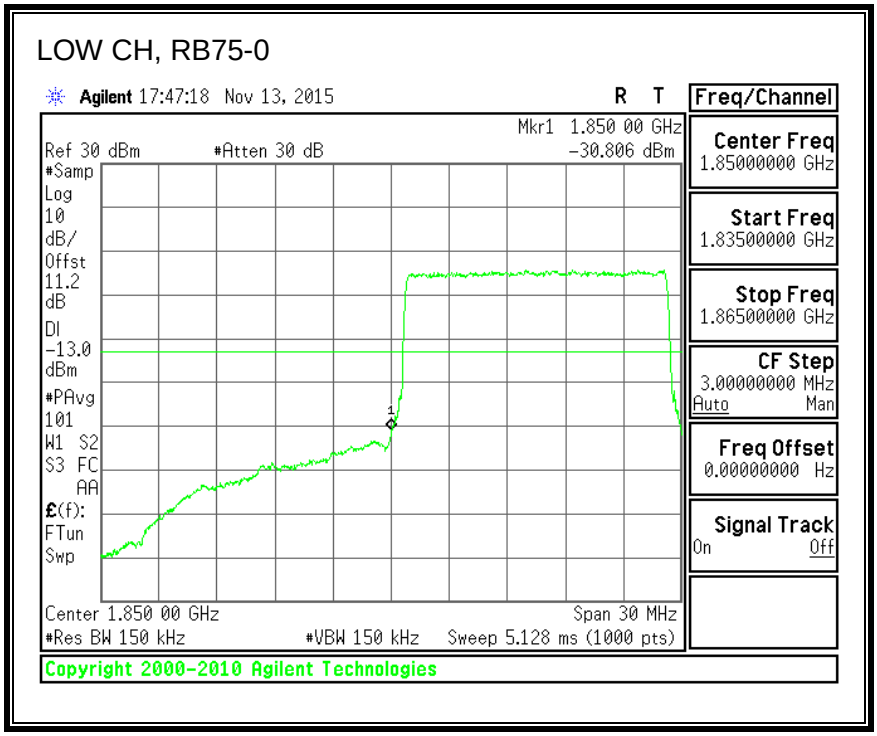
LOW CH, RB36-18



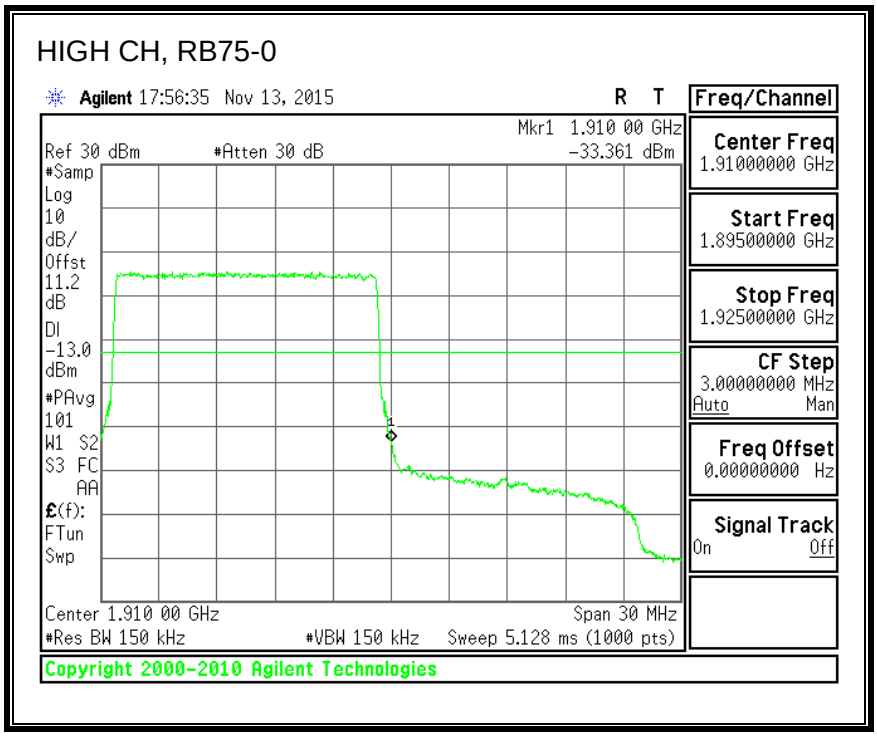
HIGH CH, RB36-18



LOW CH, RB75-0

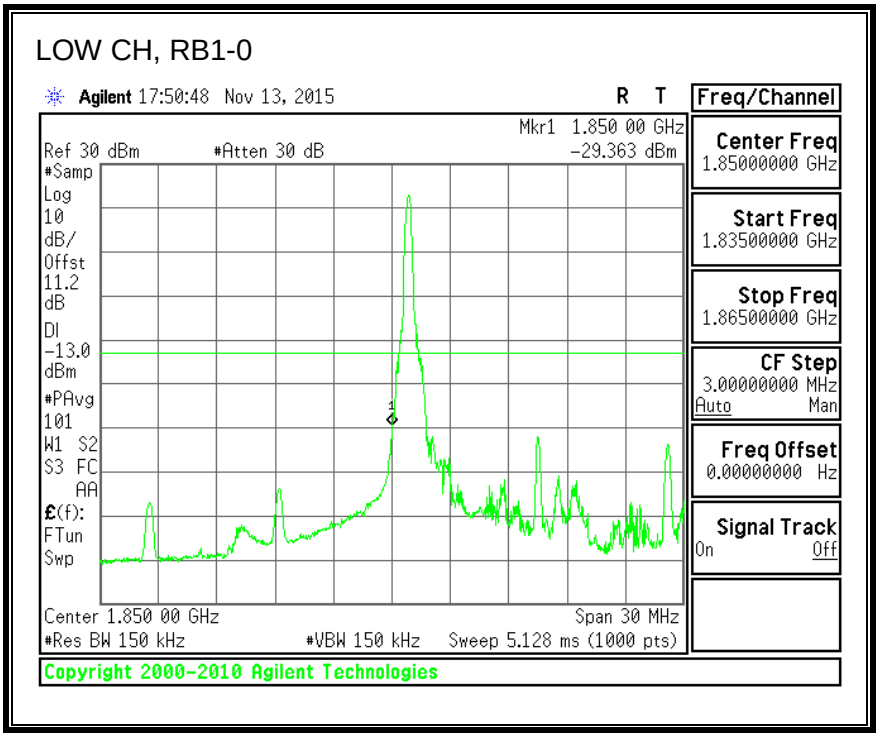


HIGH CH, RB75-0

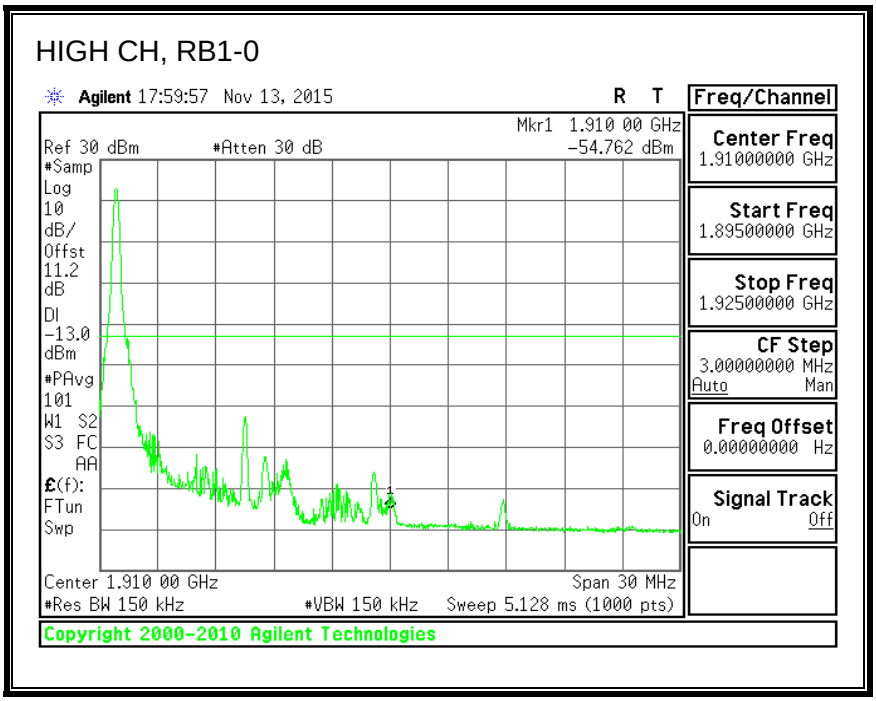


16QAM, (15.0 MHz BAND WIDTH)

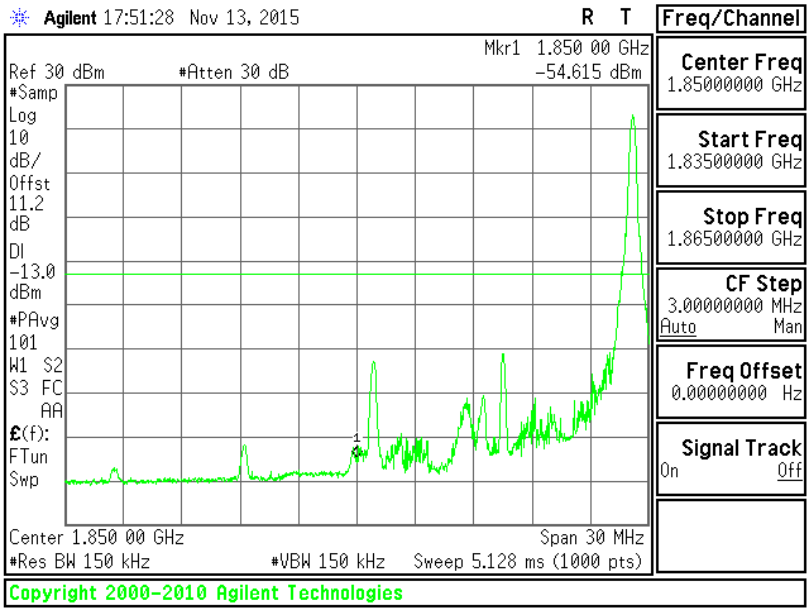
LOW CH, RB1-0



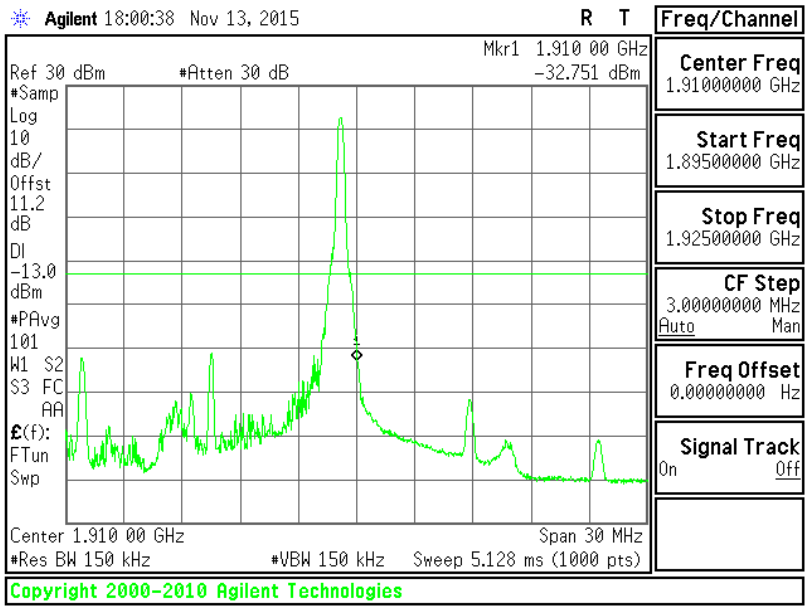
HIGH CH, RB1-0



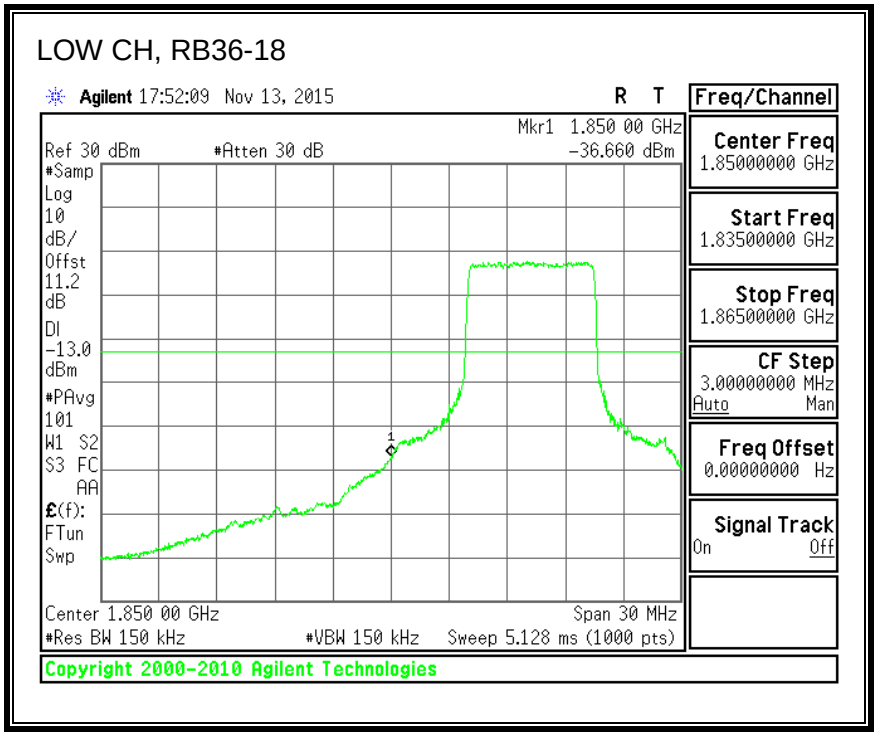
LOW CH, RB1-74



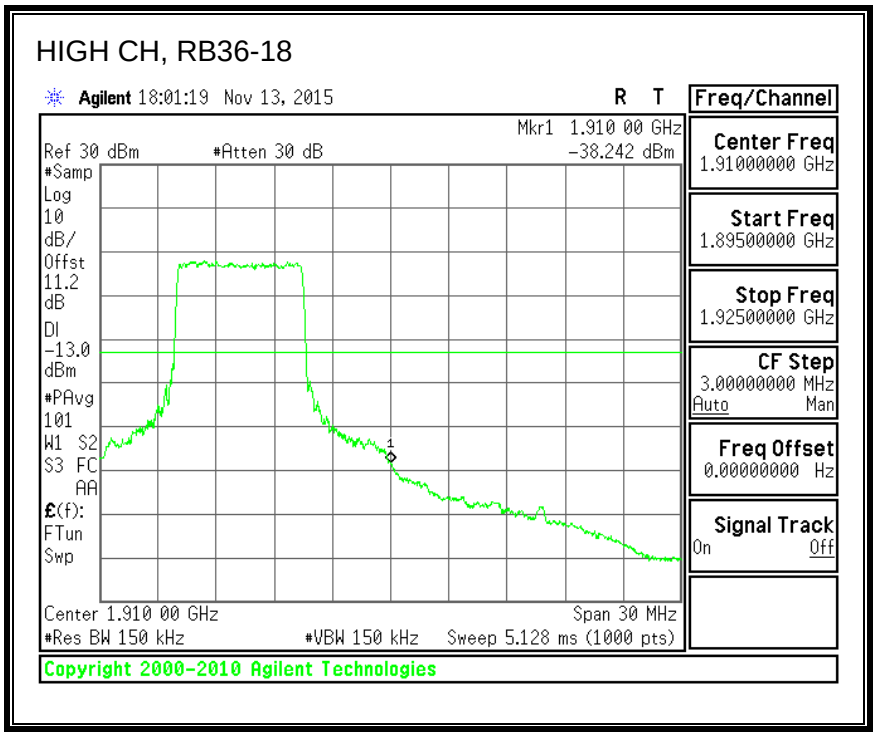
HIGH CH, RB1-74



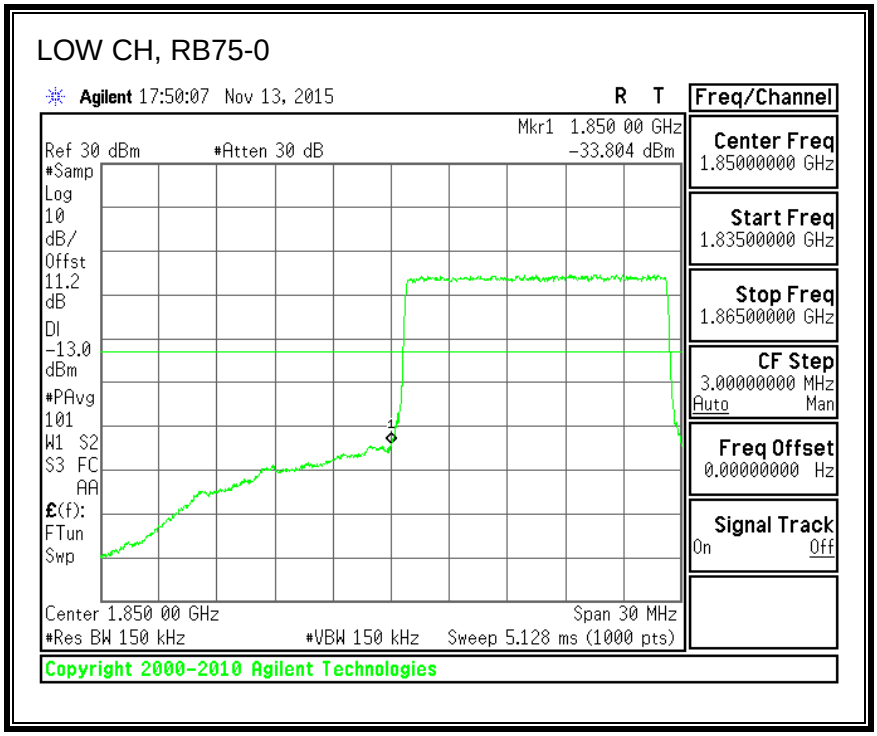
LOW CH, RB36-18



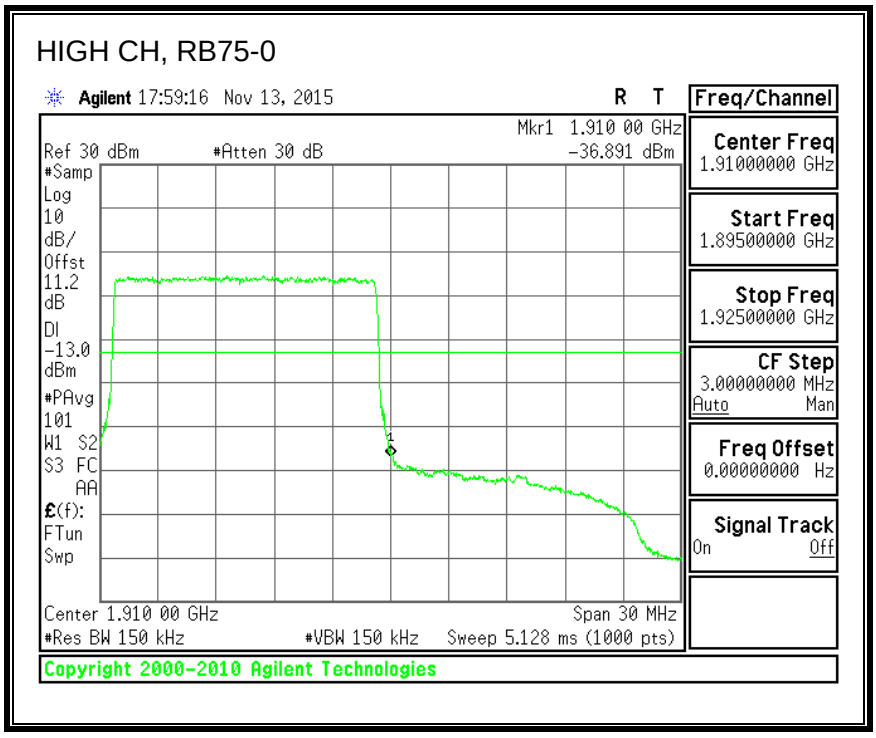
HIGH CH, RB36-18



LOW CH, RB75-0

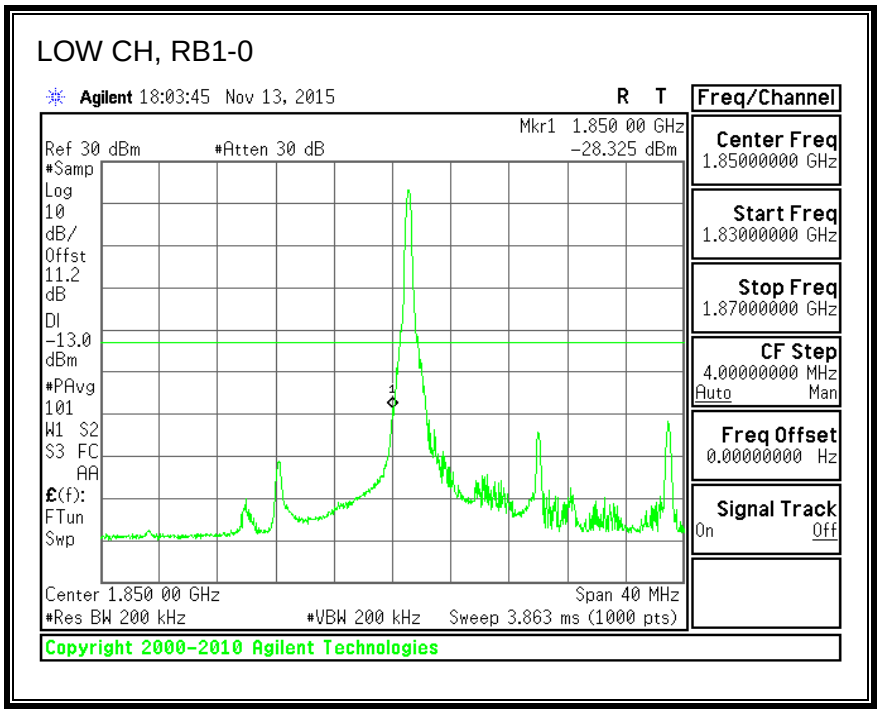


HIGH CH, RB75-0

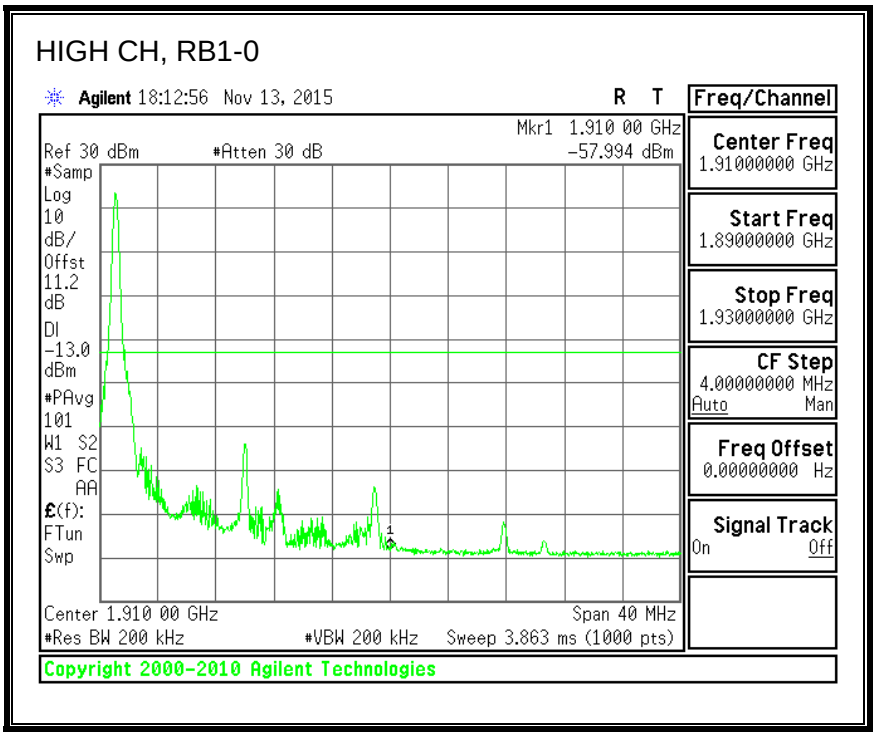


QPSK, (20.0 MHz BAND WIDTH)

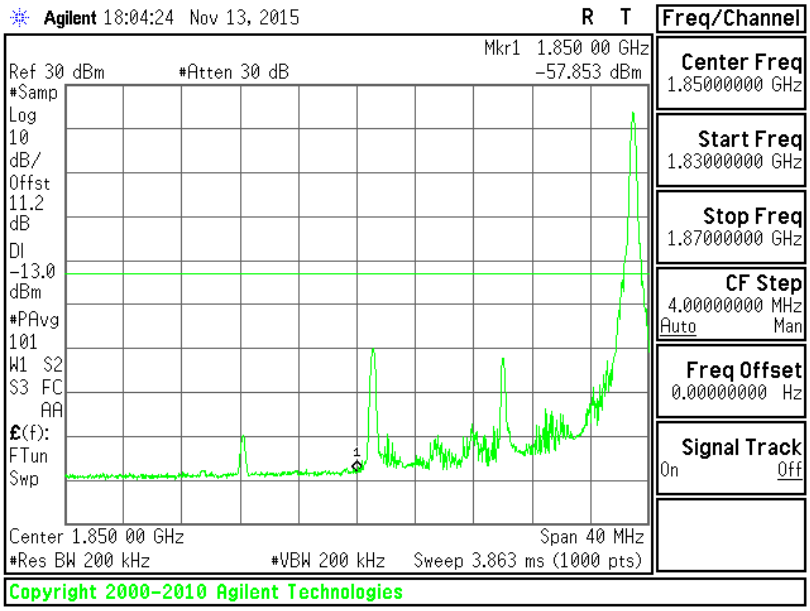
LOW CH, RB1-0



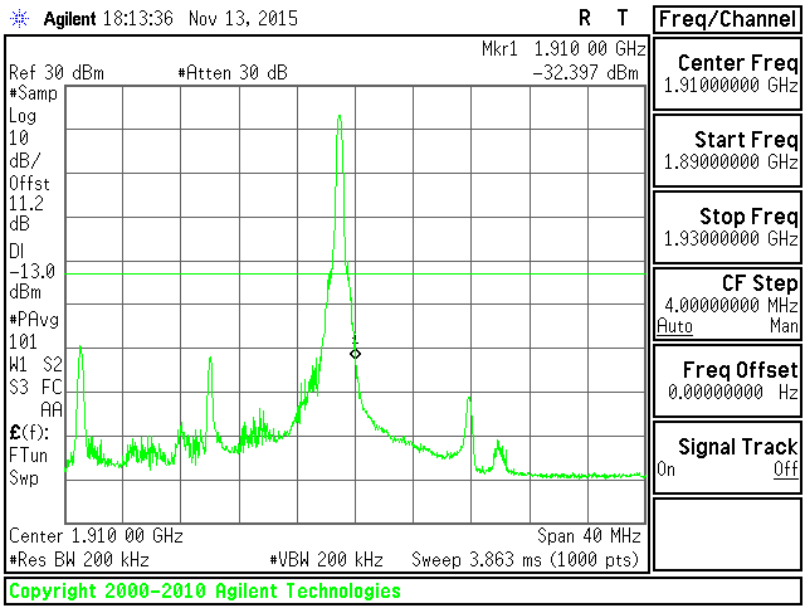
HIGH CH, RB1-0



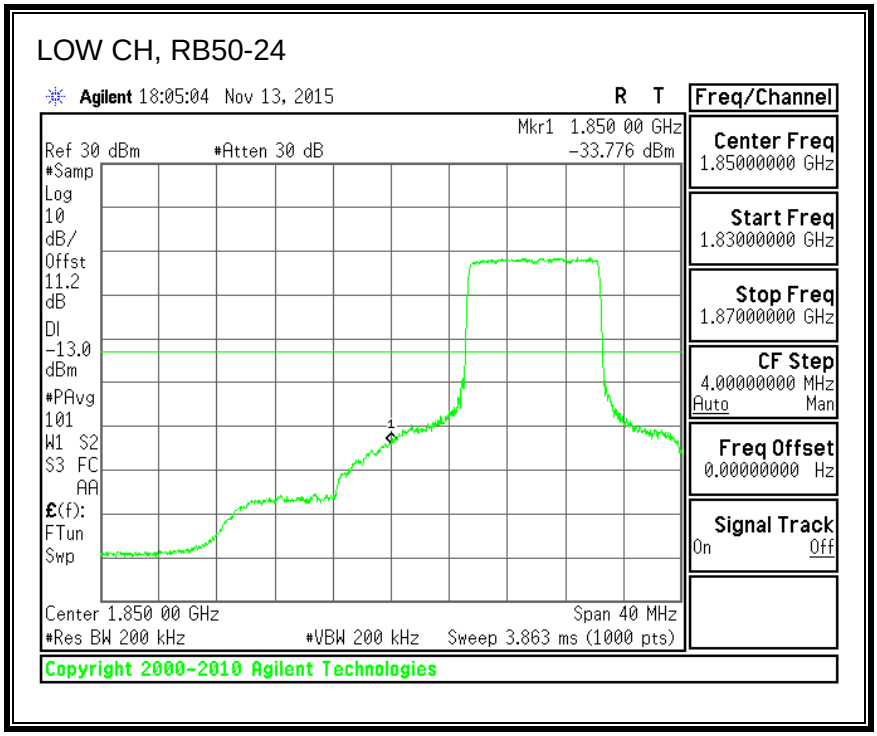
LOW CH, RB1-99



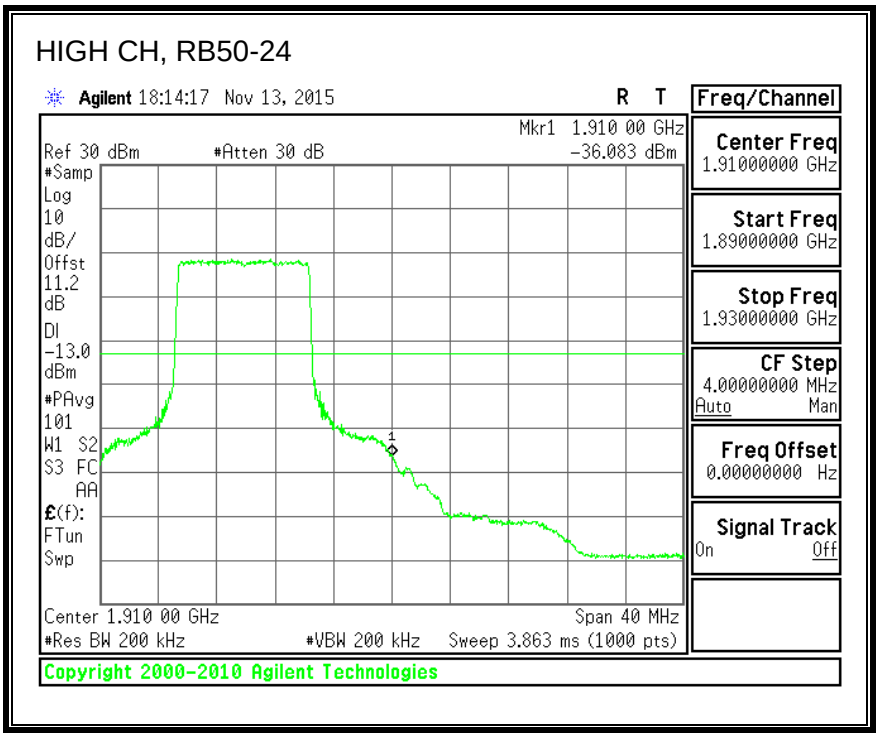
HIGH CH, RB1-99



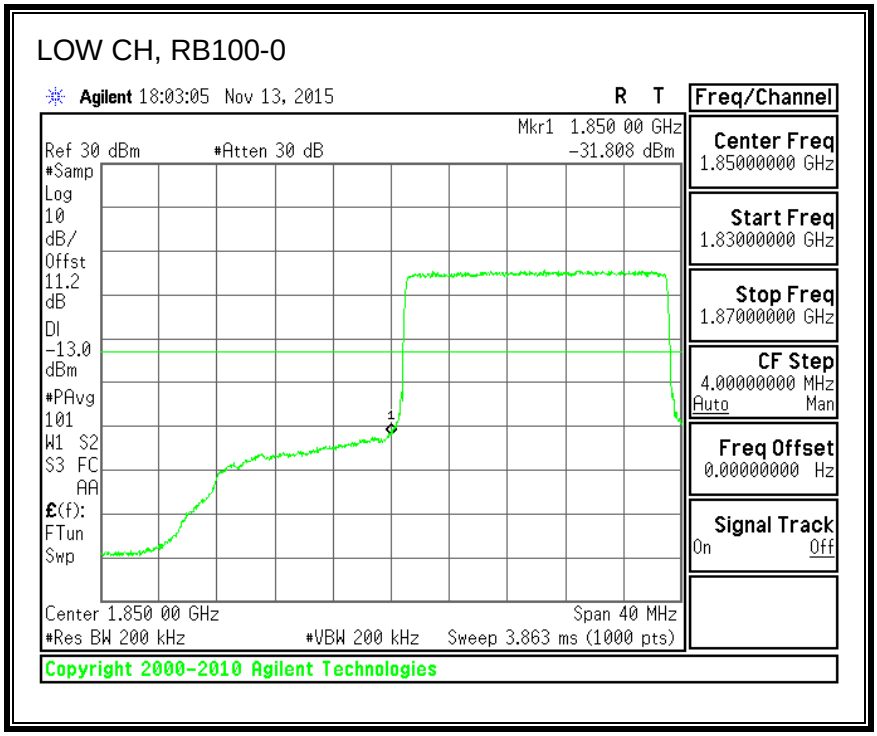
LOW CH, RB50-24



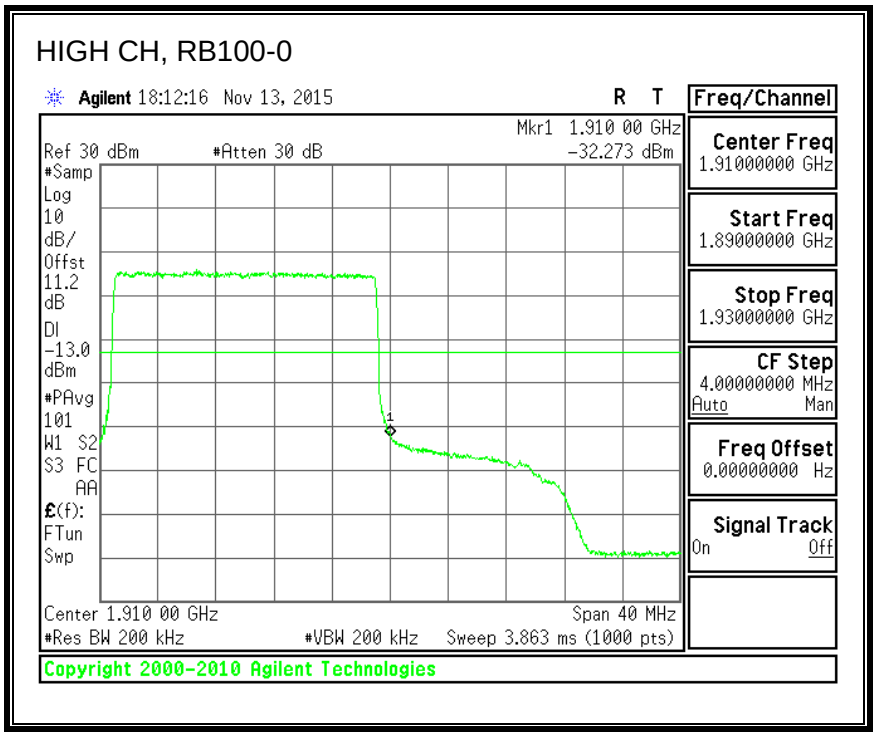
HIGH CH, RB50-24



LOW CH, RB100-0

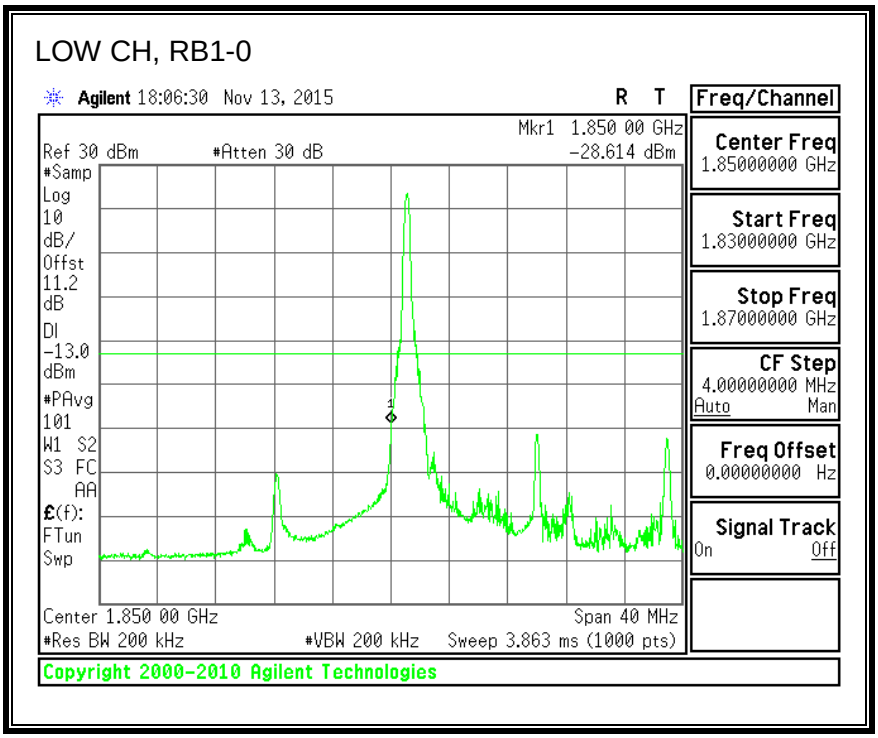


HIGH CH, RB100-0

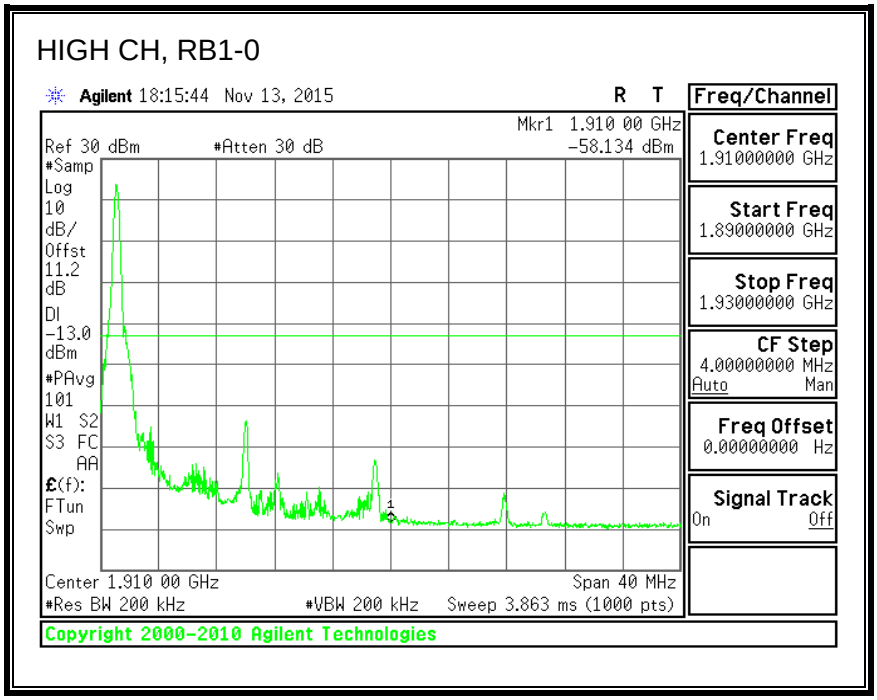


16QAM, (20.0 MHz BAND WIDTH)

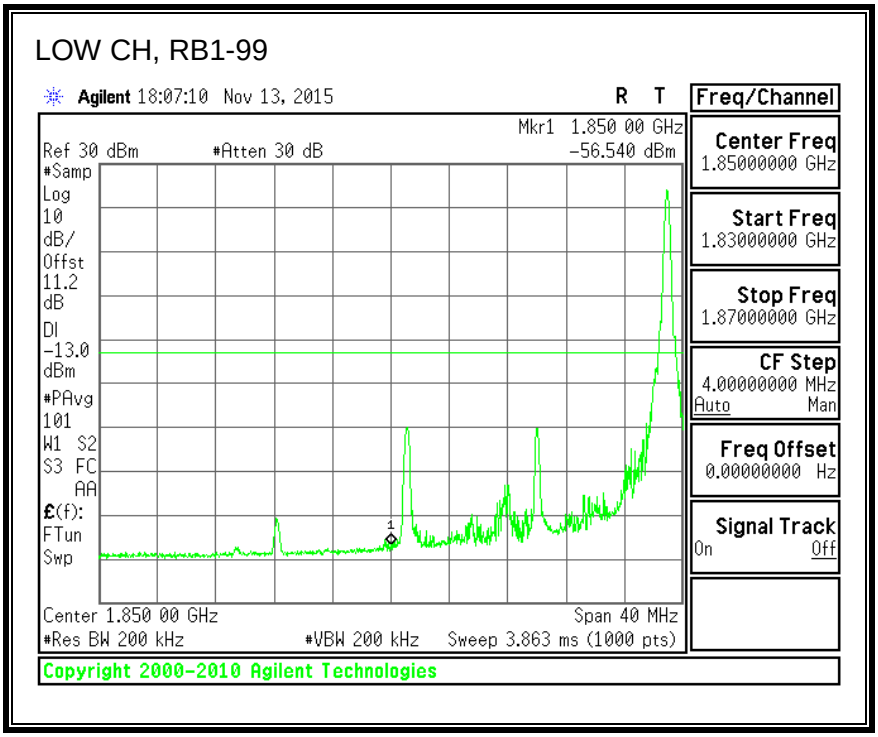
LOW CH, RB1-0



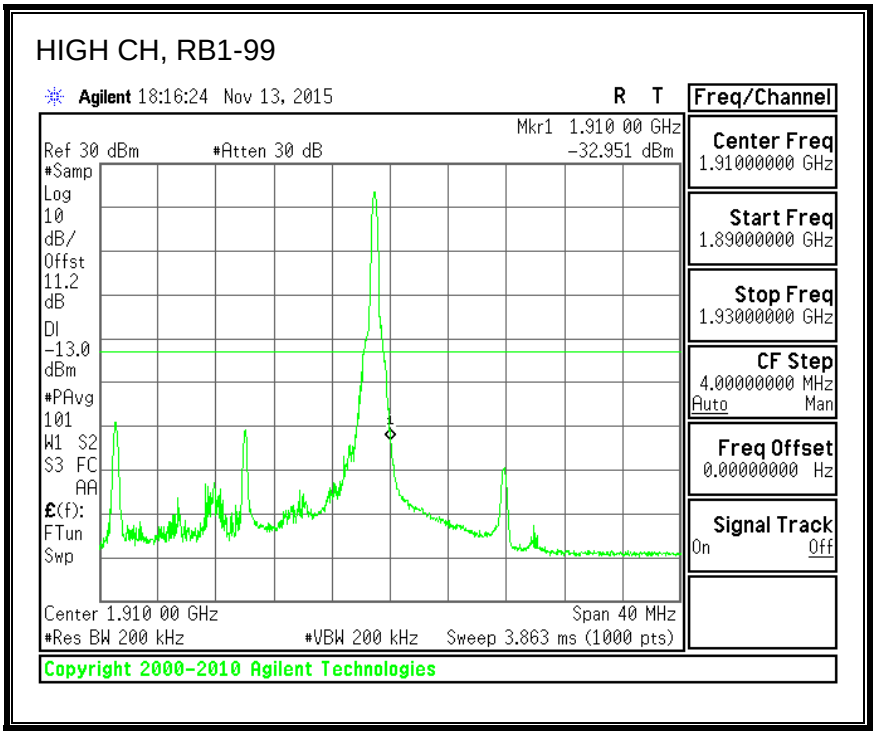
HIGH CH, RB1-0



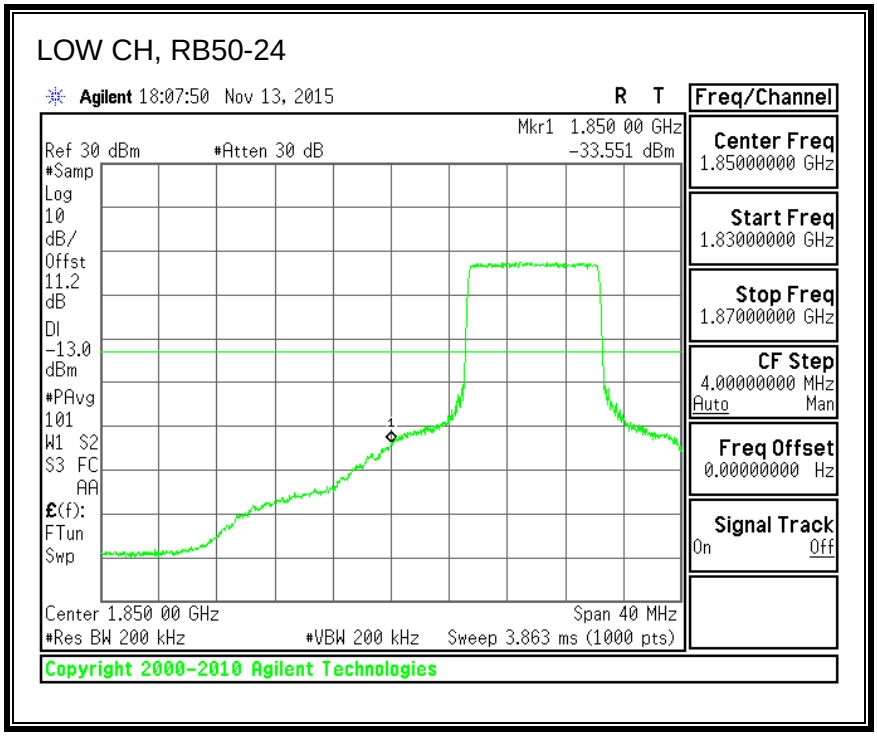
LOW CH, RB1-99



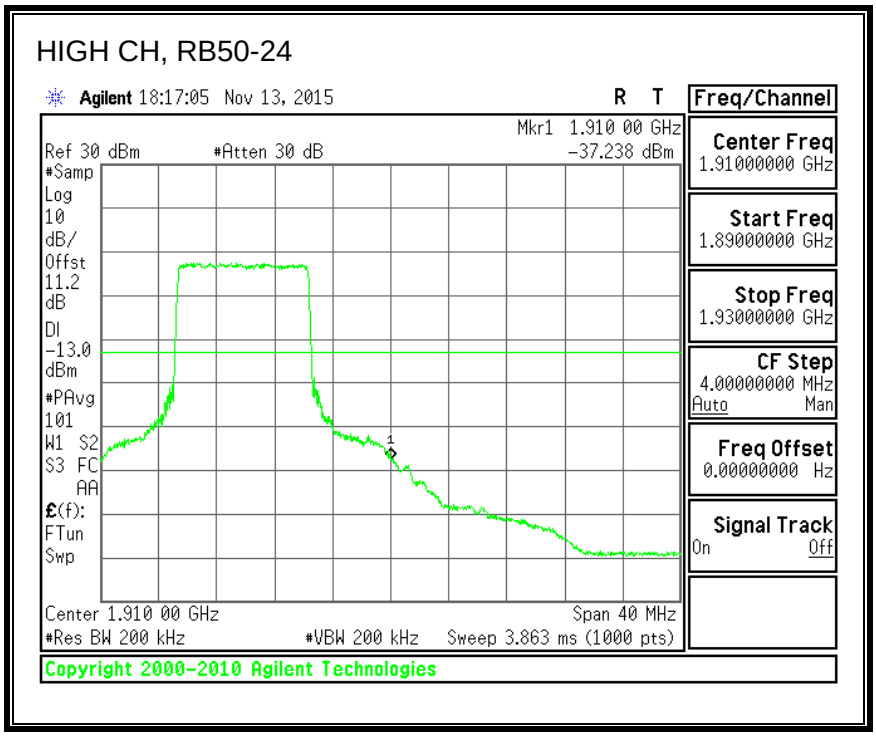
HIGH CH, RB1-99



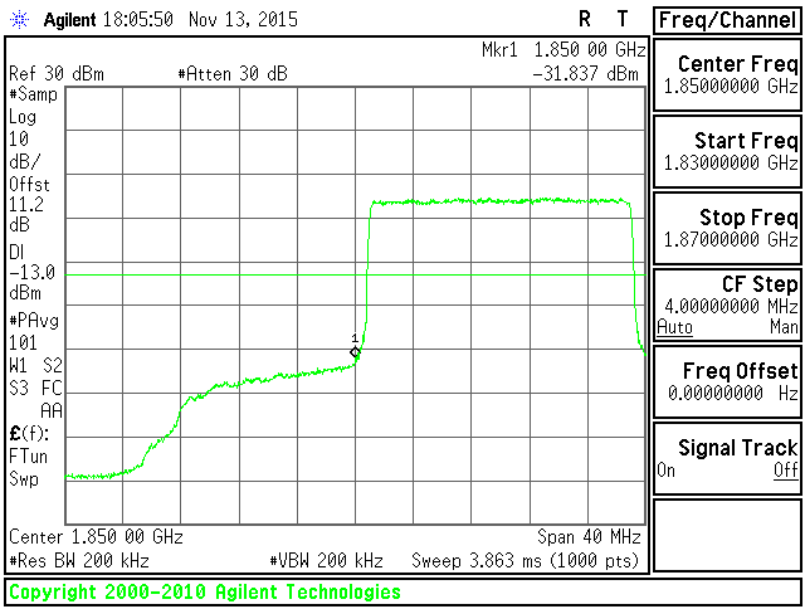
LOW CH, RB50-24



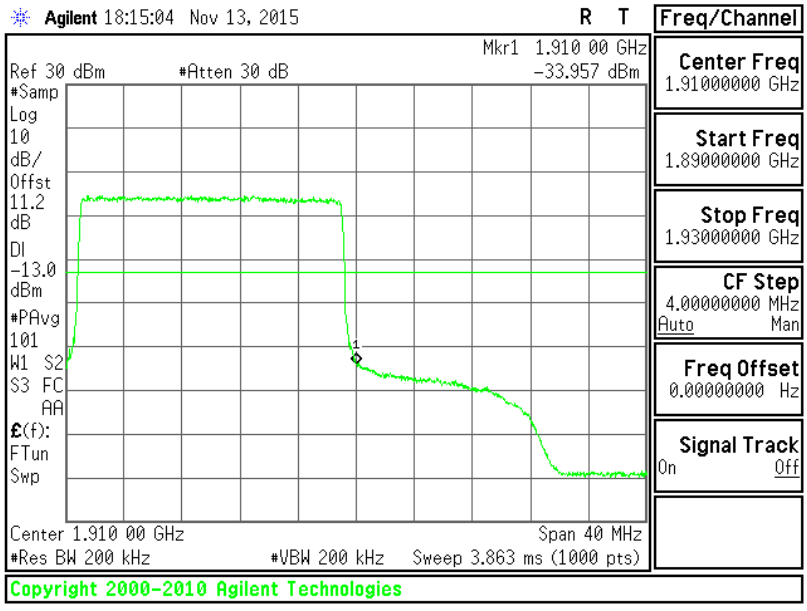
HIGH CH, RB50-24



LOW CH, RB100-0



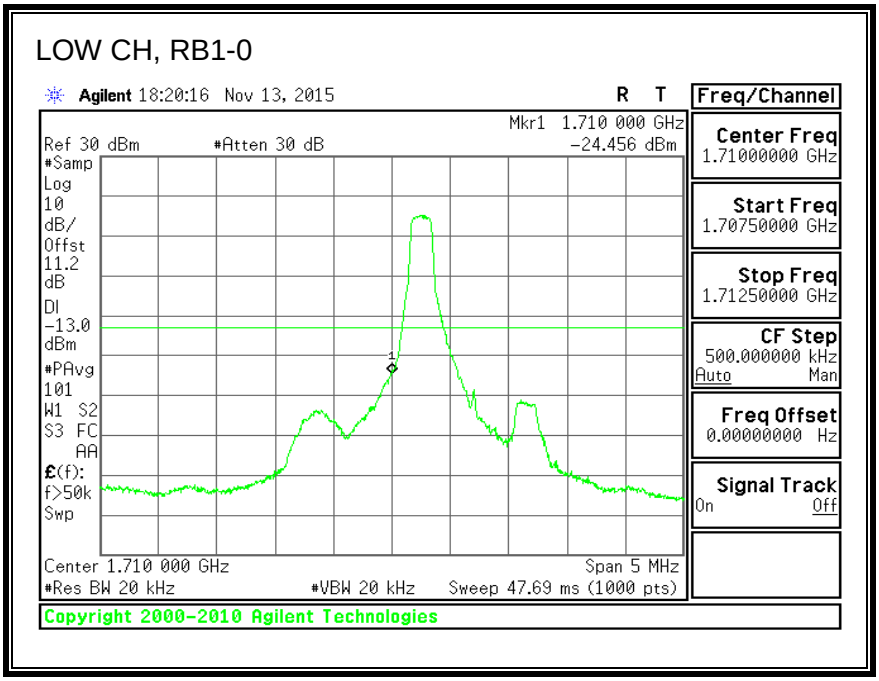
HIGH CH, RB100-0



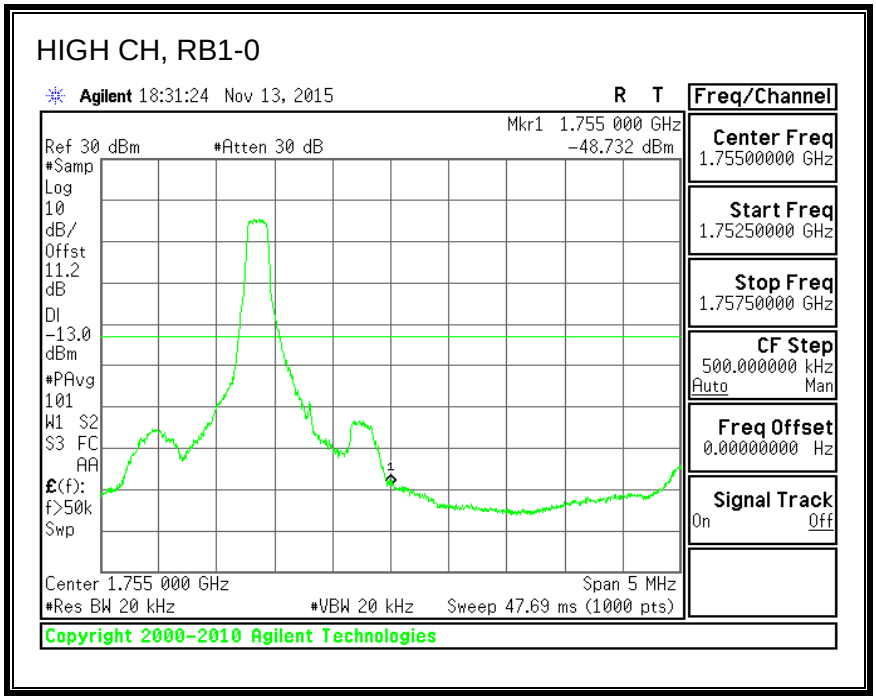
8.2.2. LTE BAND 4 BANDEDGE

QPSK, (1.4 MHz BAND WIDTH)

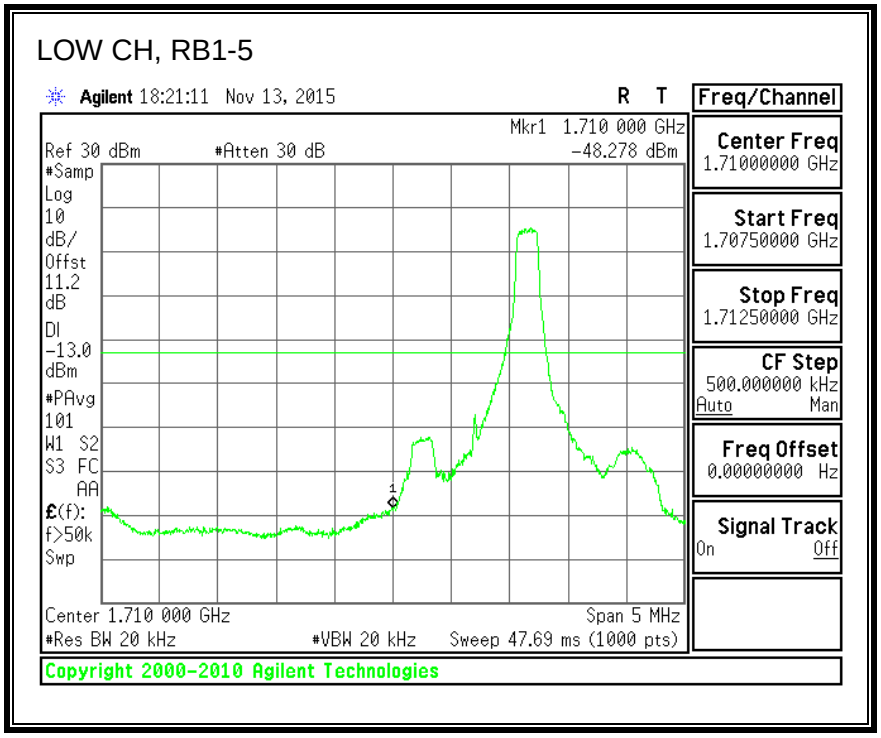
LOW CH, RB1-0



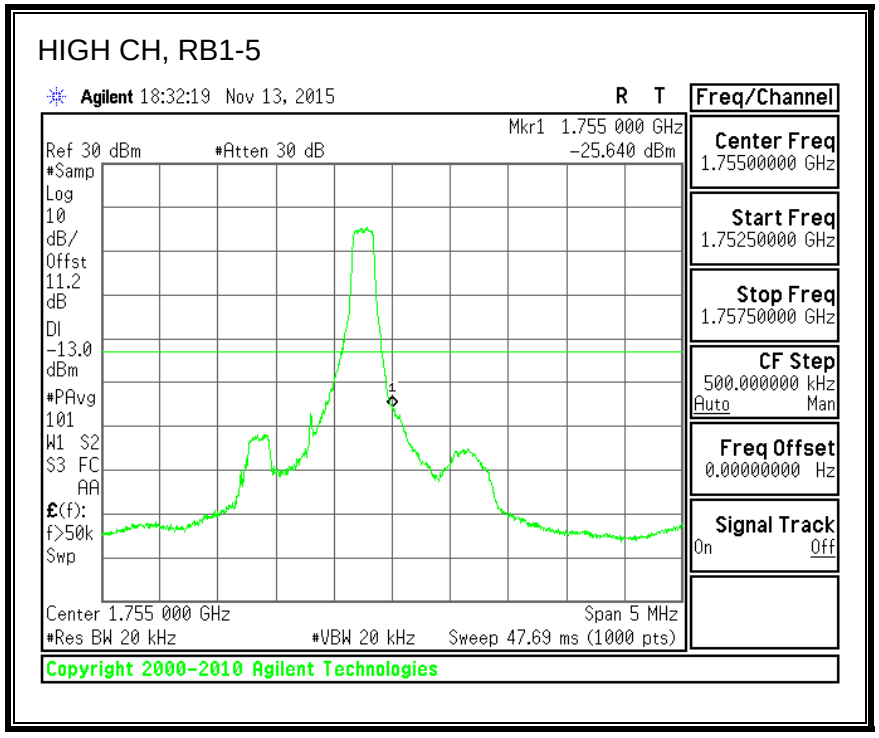
HIGH CH, RB1-0



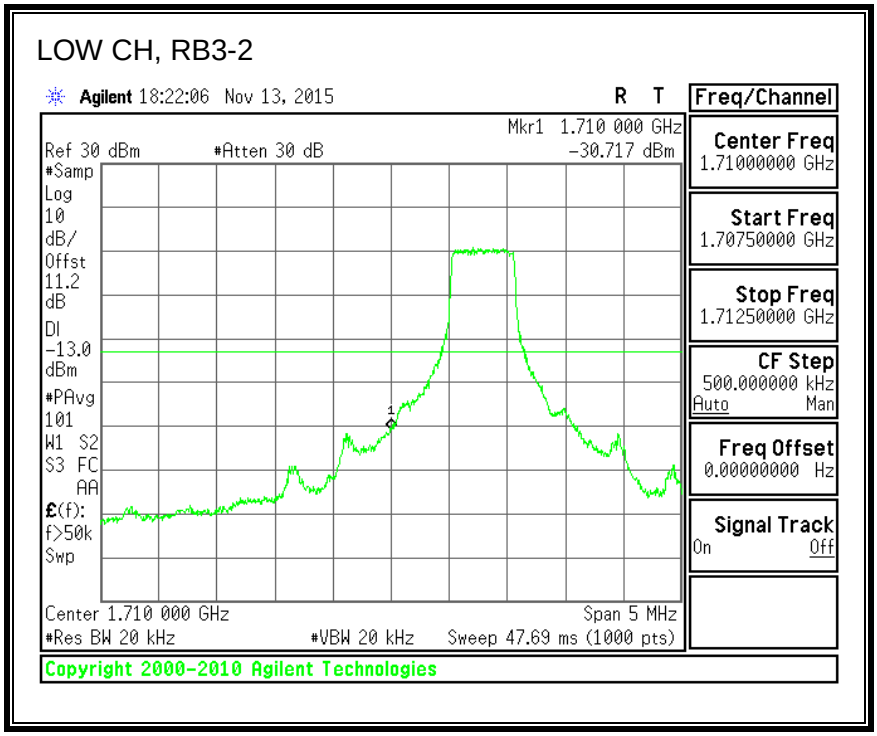
LOW CH, RB1-5



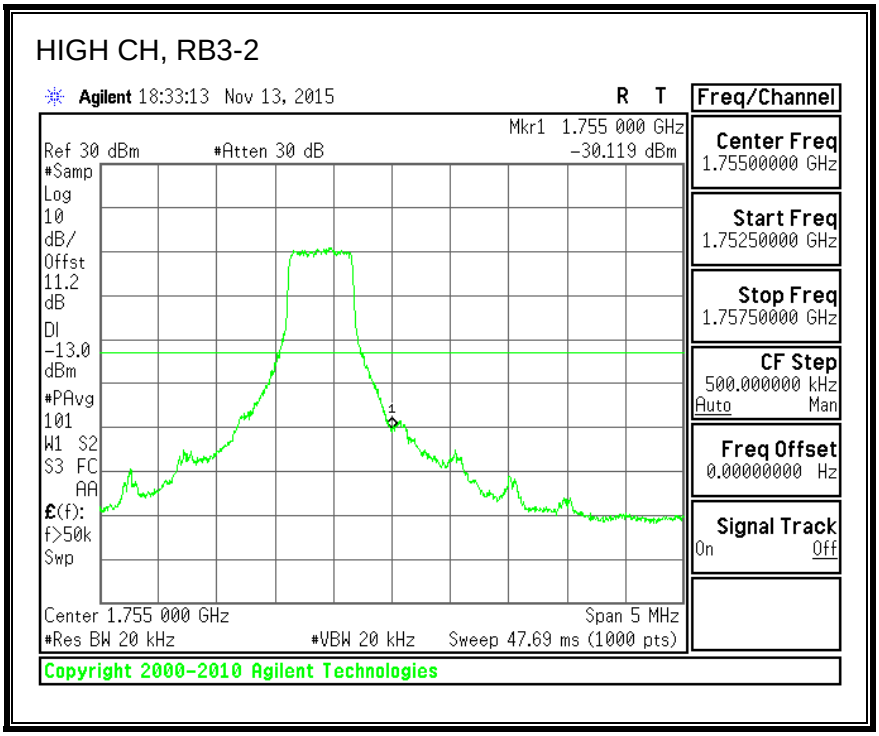
HIGH CH, RB1-5



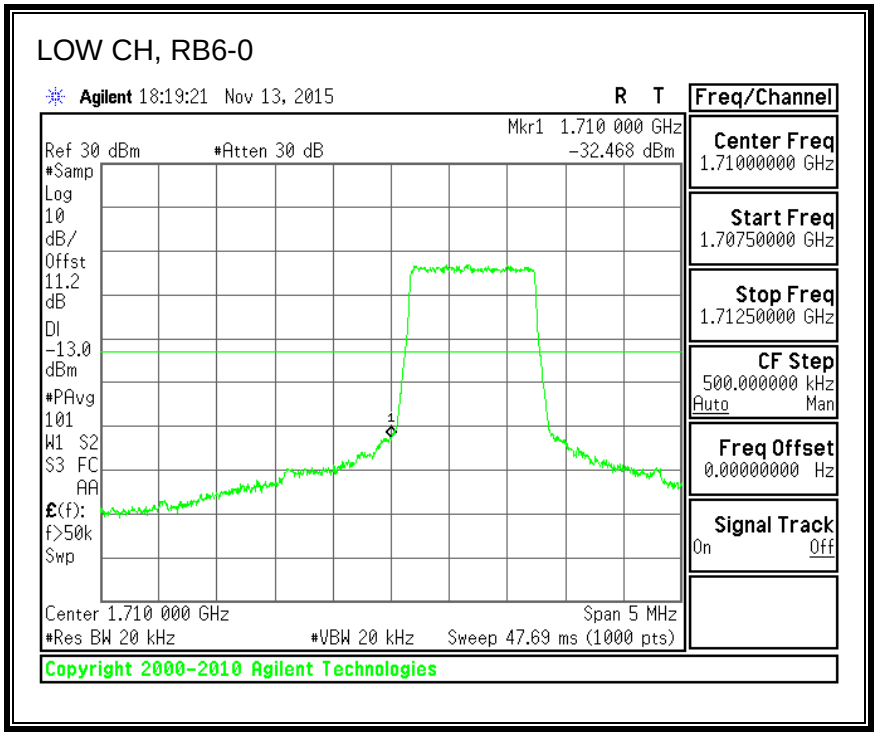
LOW CH, RB3-2



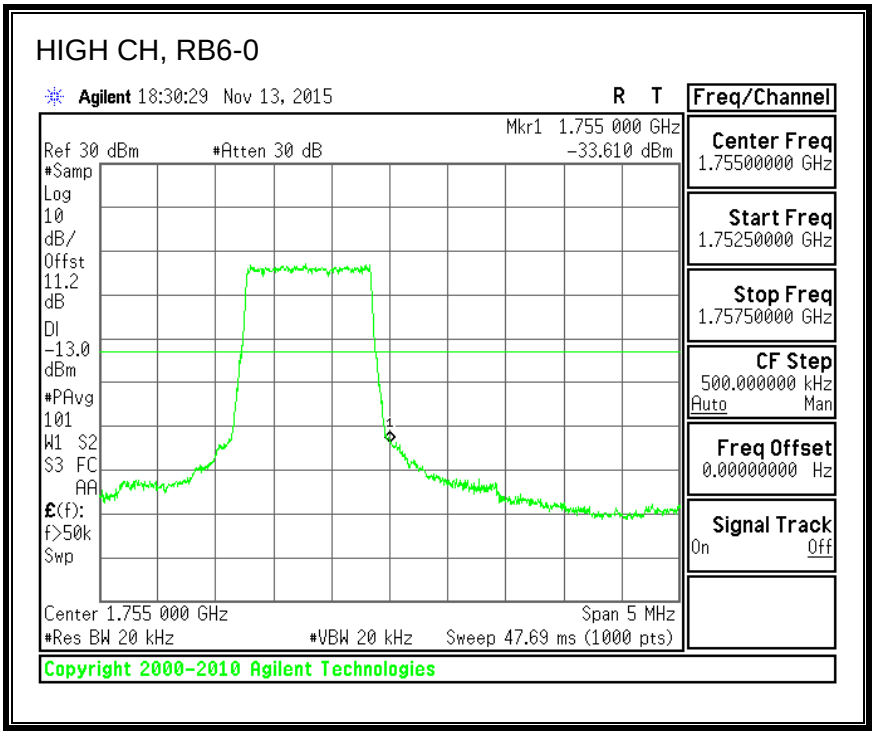
HIGH CH, RB3-2



LOW CH, RB6-0

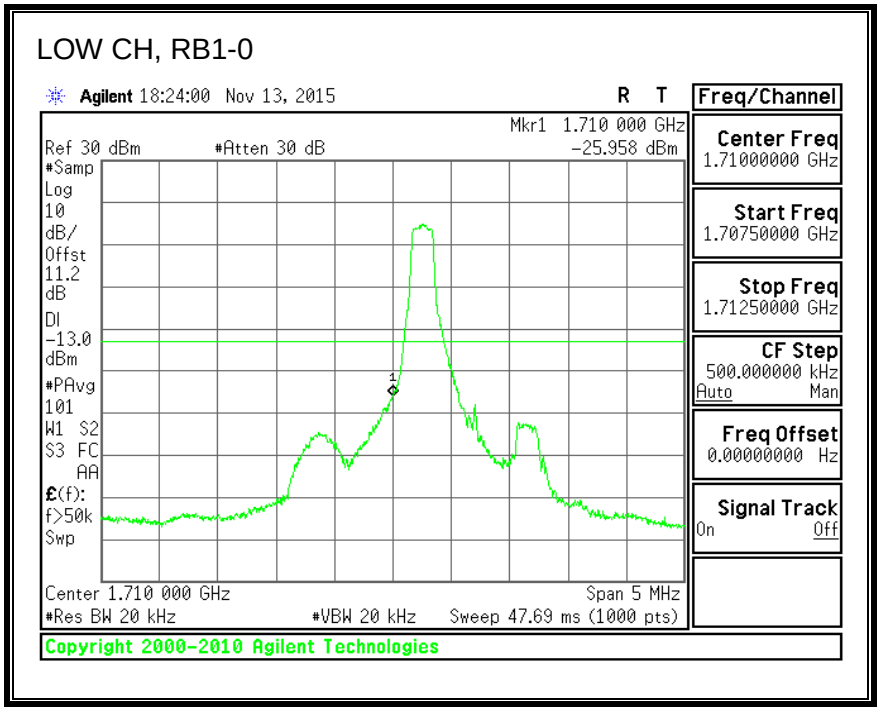


HIGH CH, RB6-0

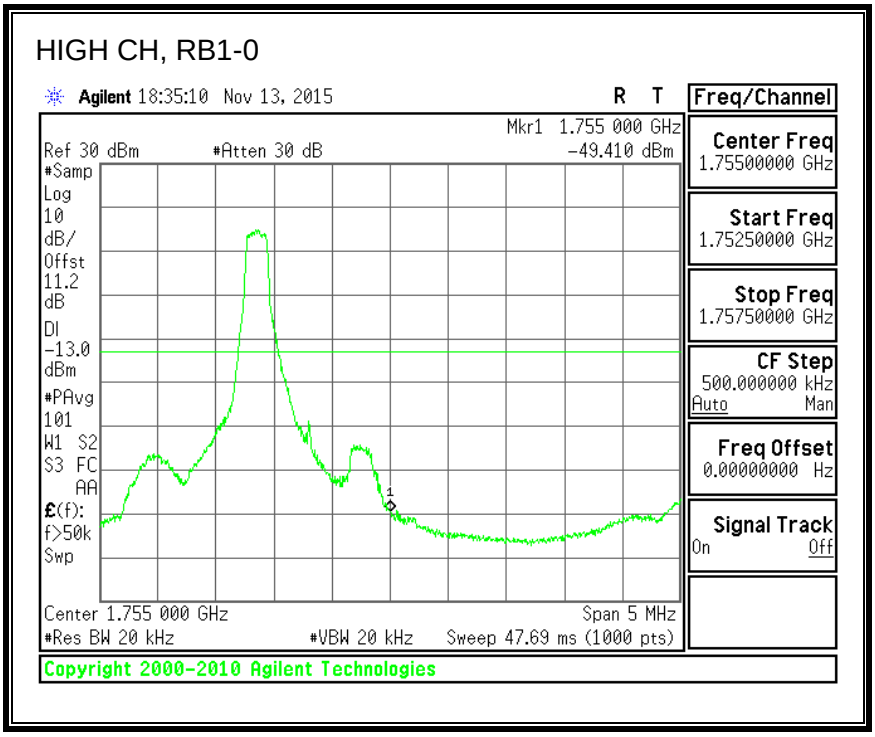


16QAM, (1.4 MHz BAND WIDTH)

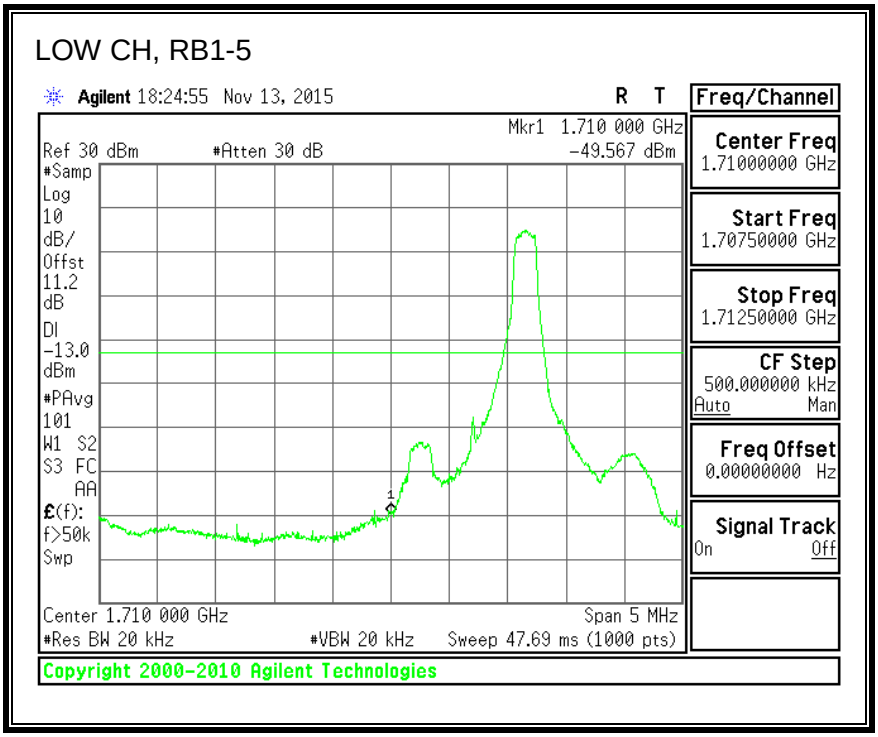
LOW CH, RB1-0



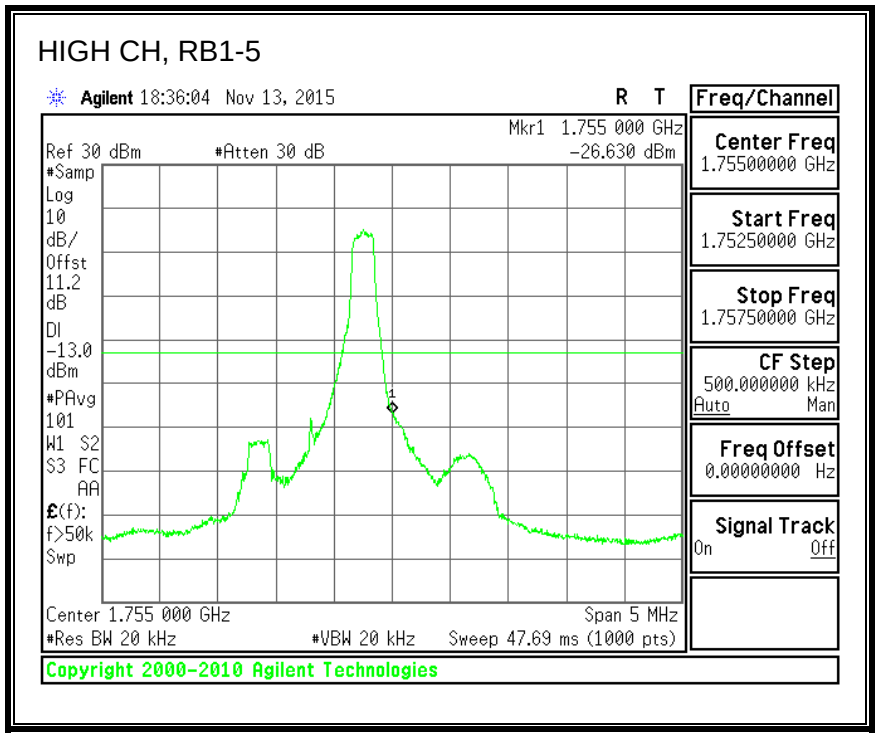
HIGH CH, RB1-0



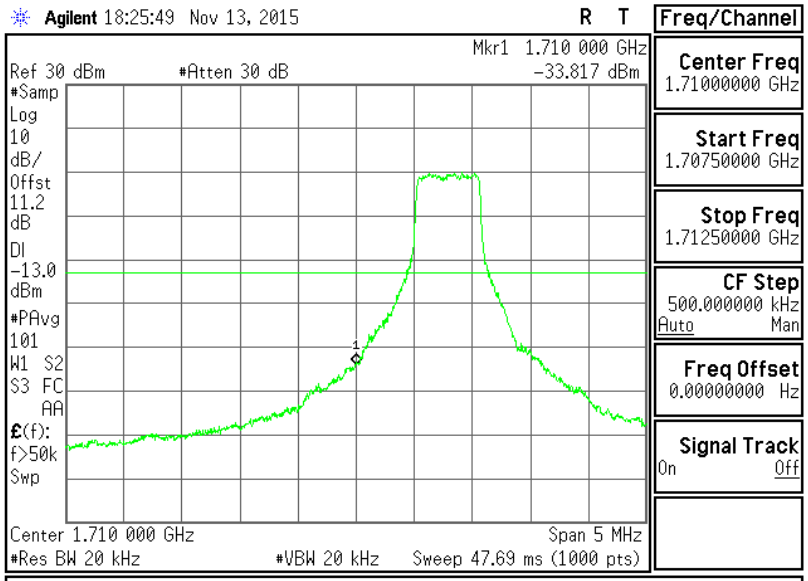
LOW CH, RB1-5



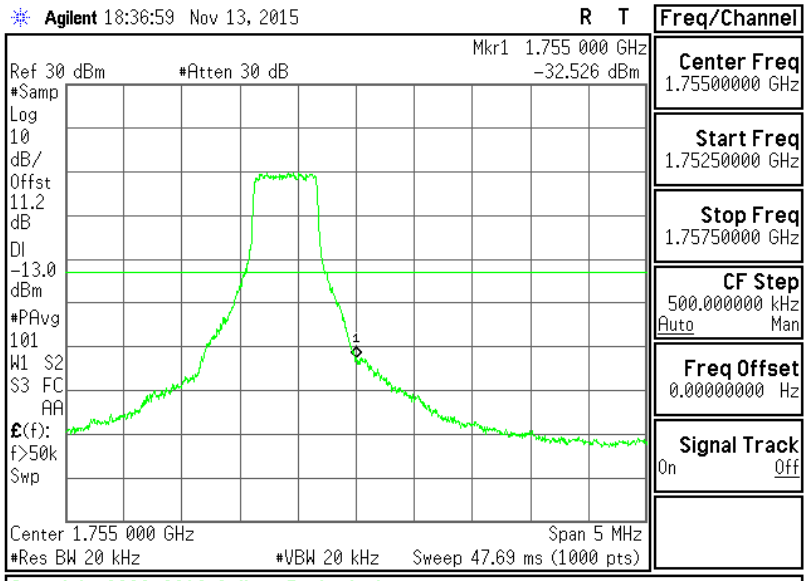
HIGH CH, RB1-5



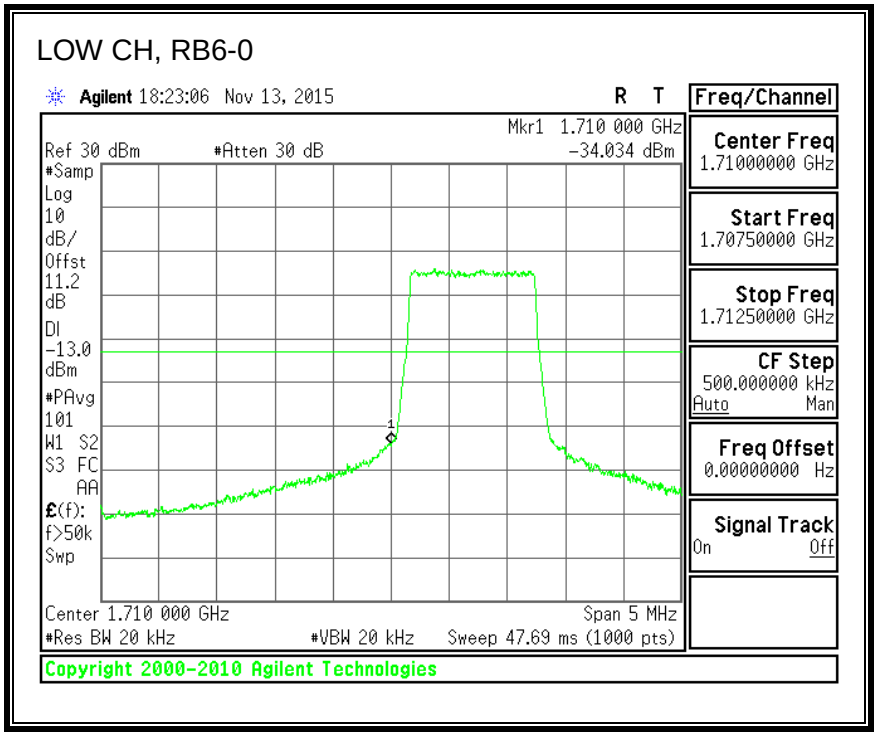
LOW CH, RB3-2



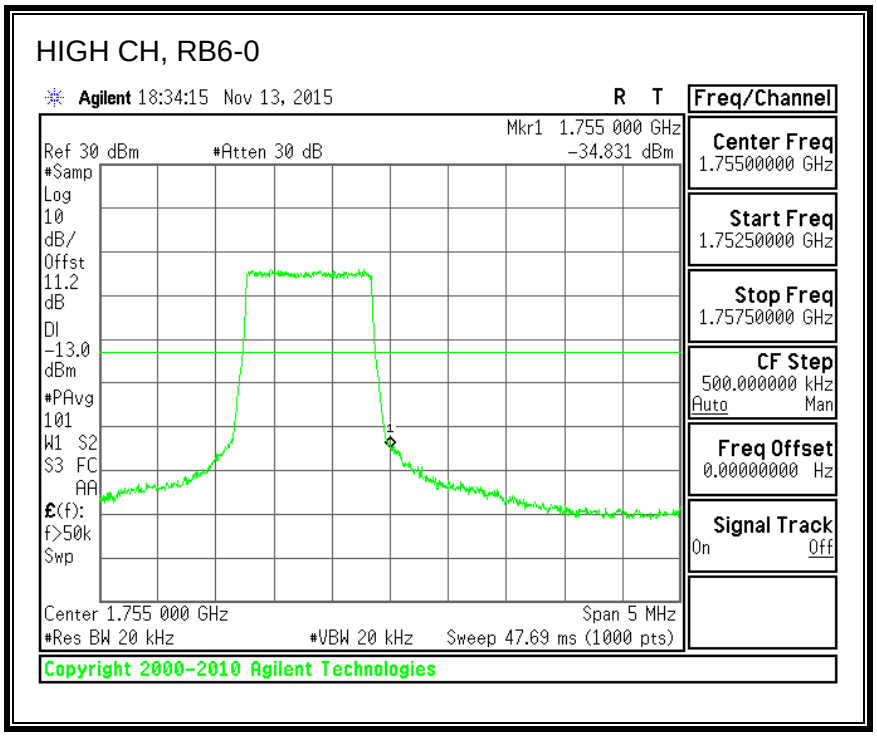
HIGH CH, RB3-2



LOW CH, RB6-0

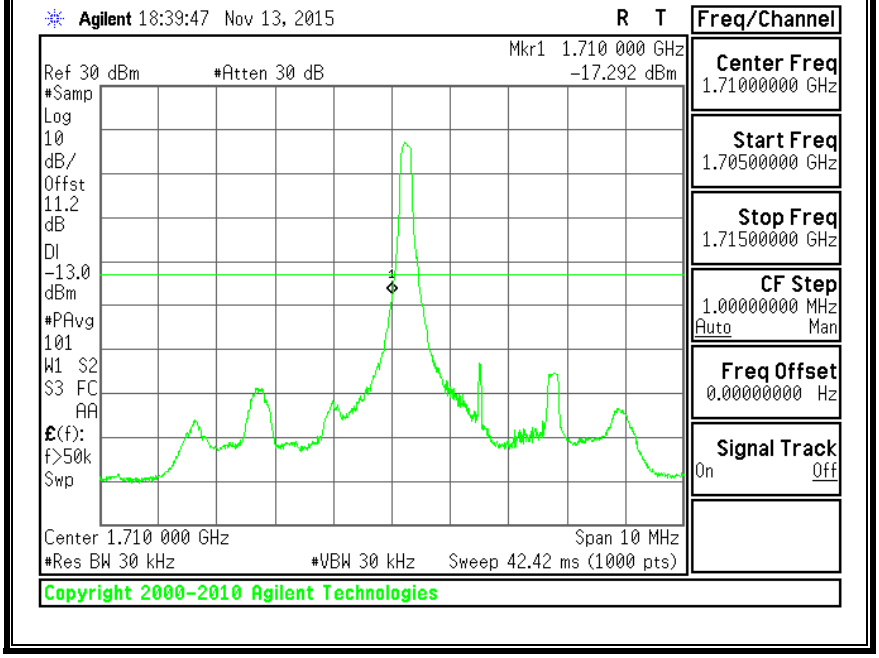


HIGH CH, RB6-0

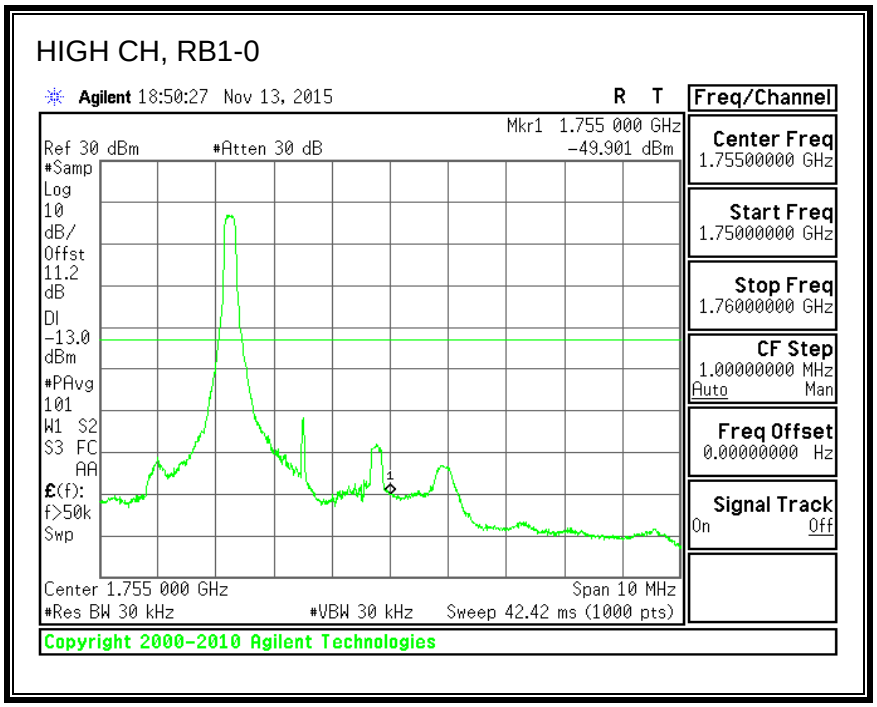


QPSK, (3.0 MHz BAND WIDTH)

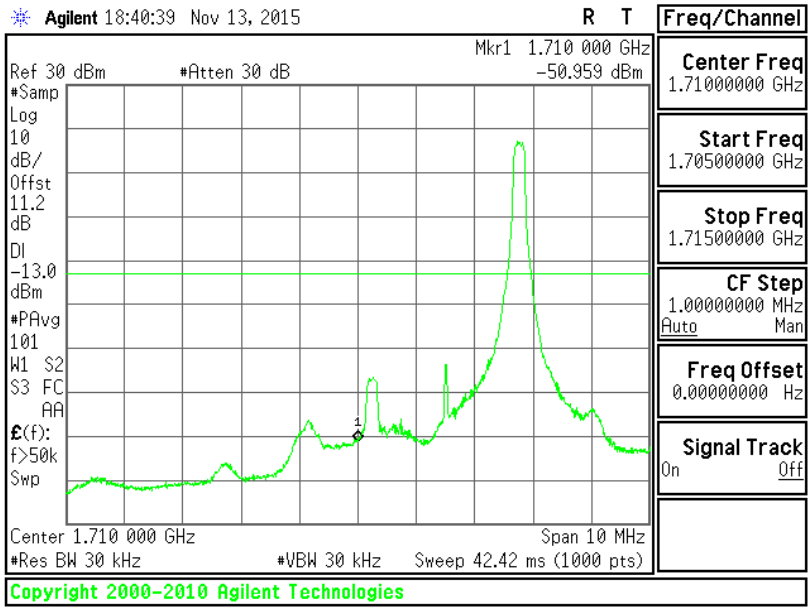
LOW CH, RB1-0



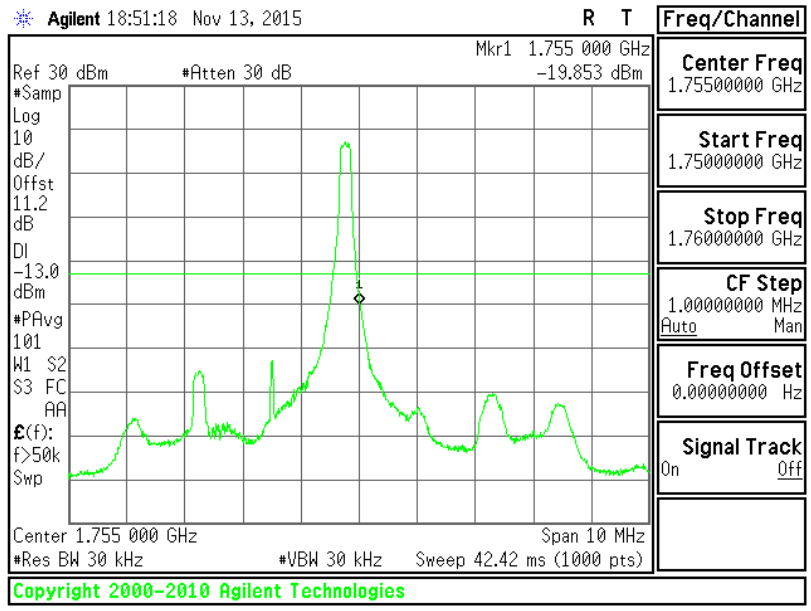
HIGH CH, RB1-0



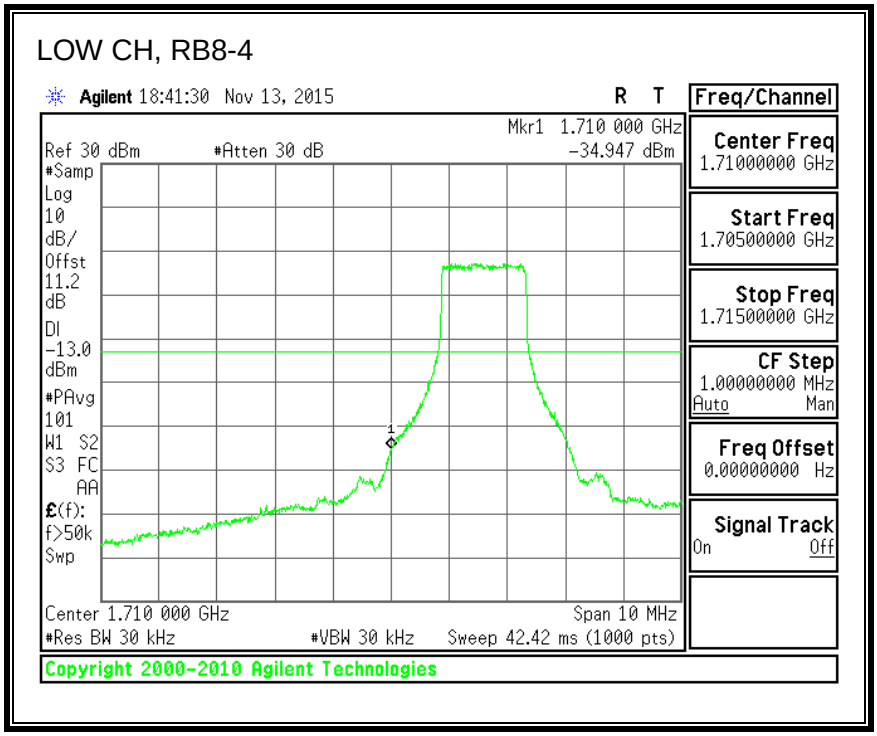
LOW CH, RB1-14



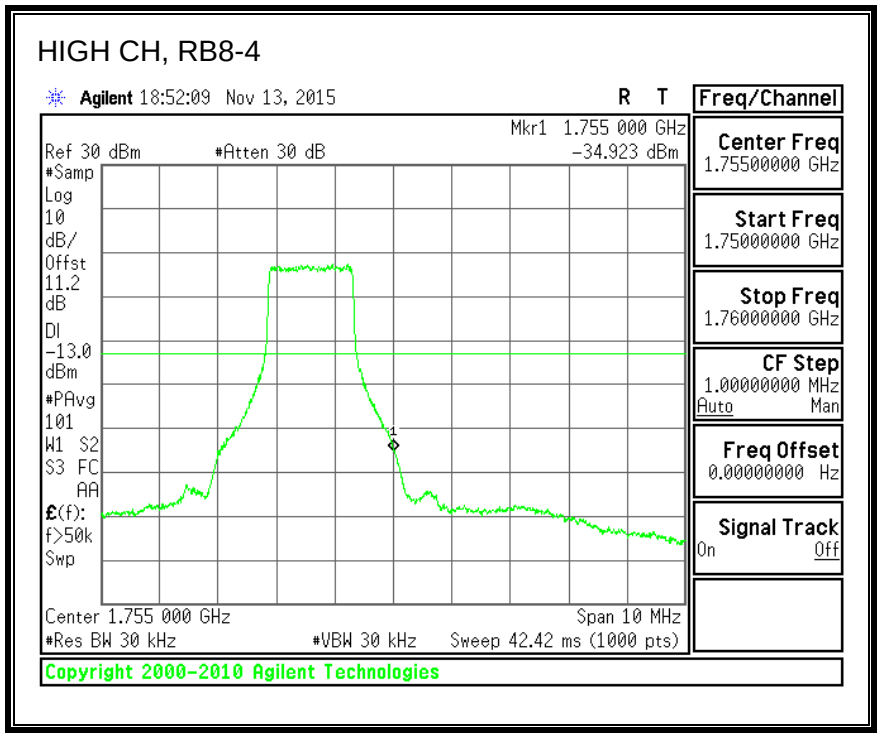
HIGH CH, RB1-14



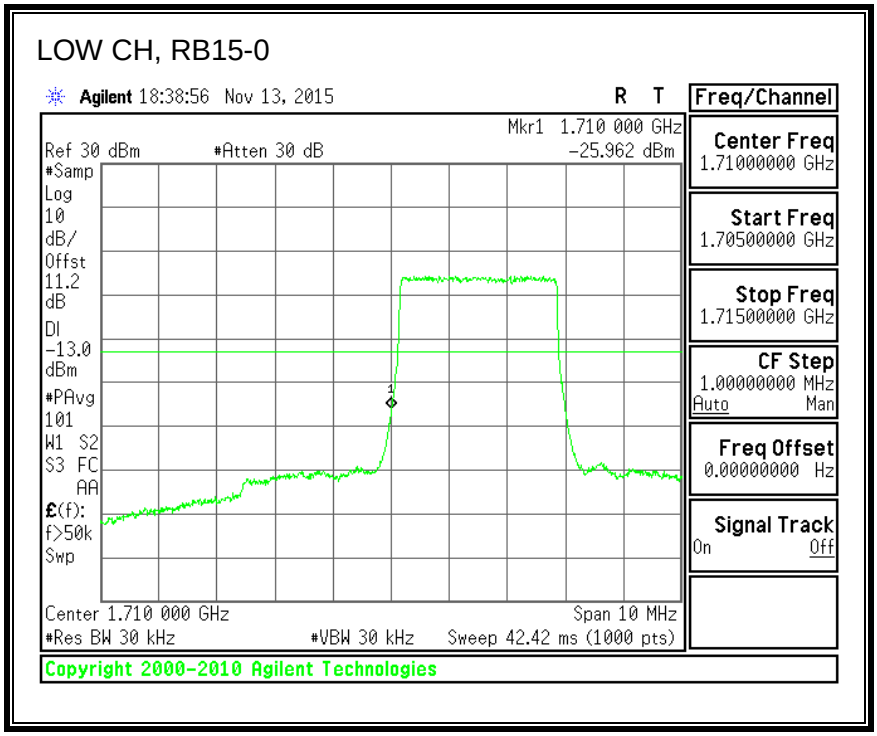
LOW CH, RB8-4



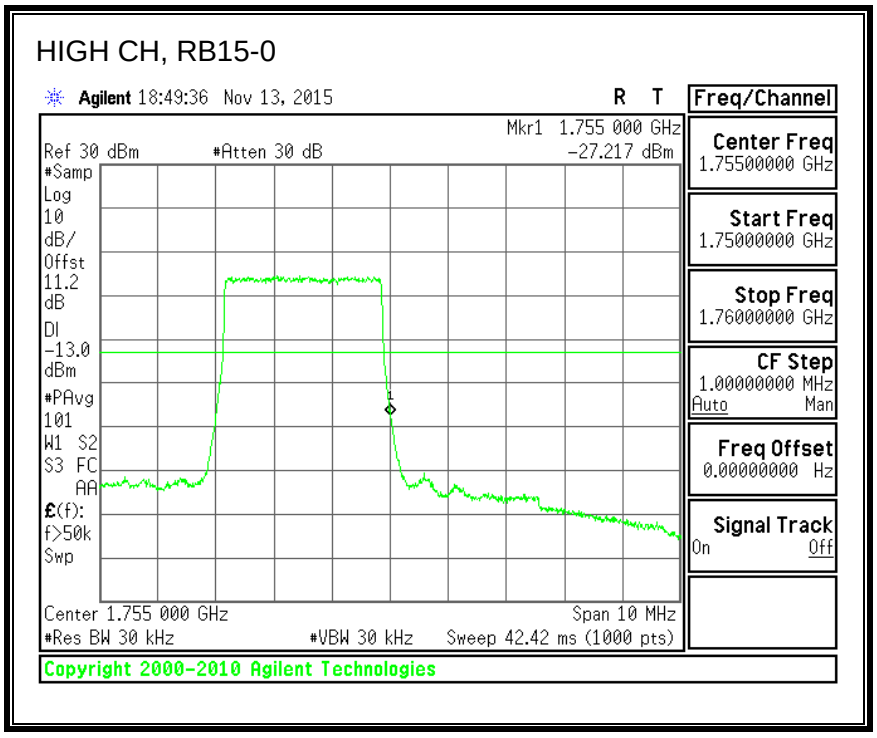
HIGH CH, RB8-4



LOW CH, RB15-0

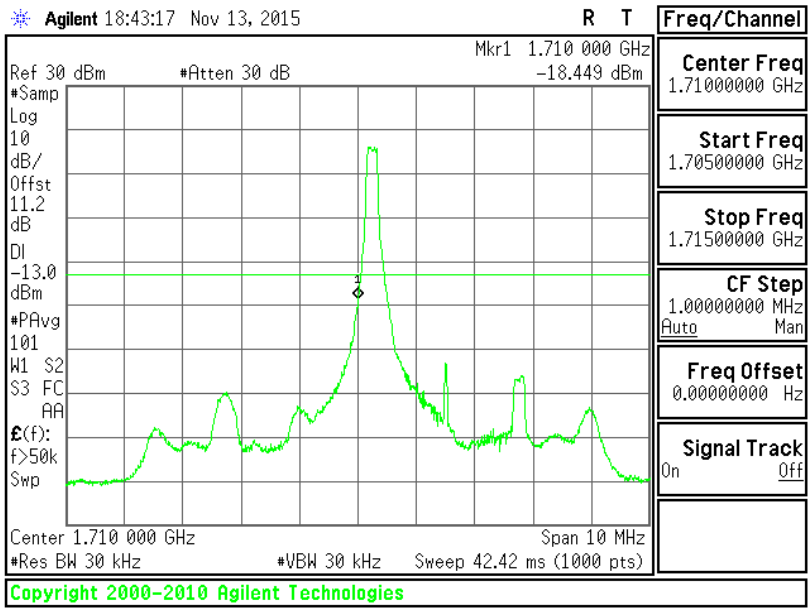


HIGH CH, RB15-0

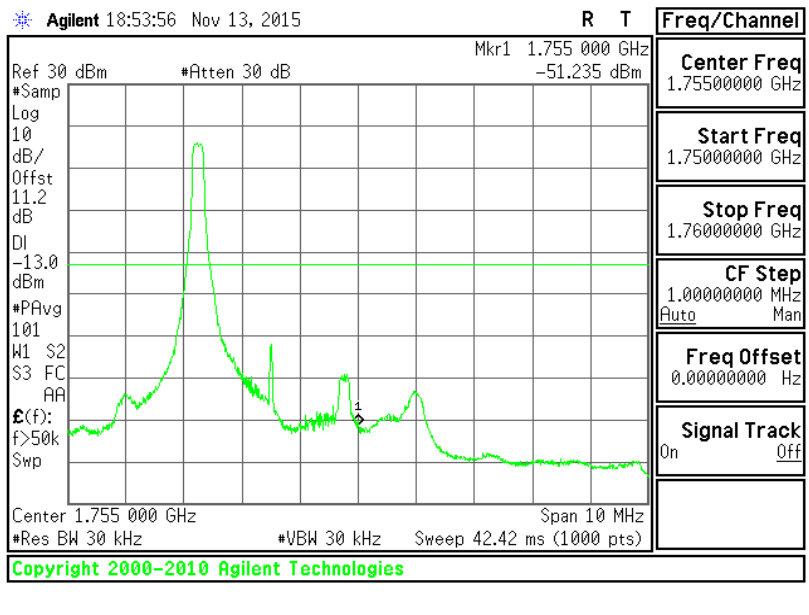


16QAM, (3.0 MHz BAND WIDTH)

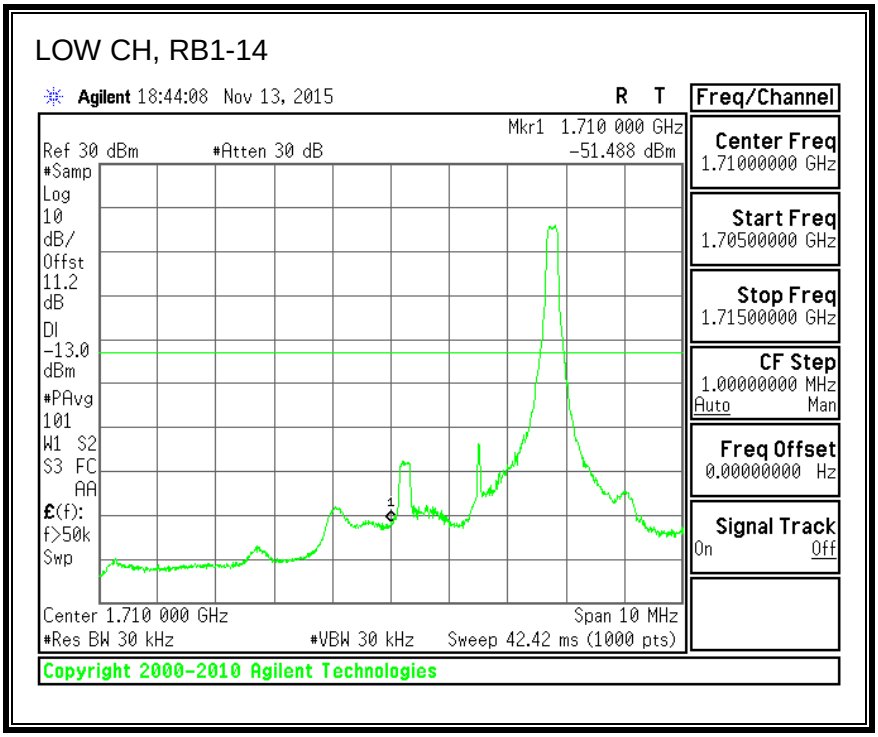
LOW CH, RB1-0



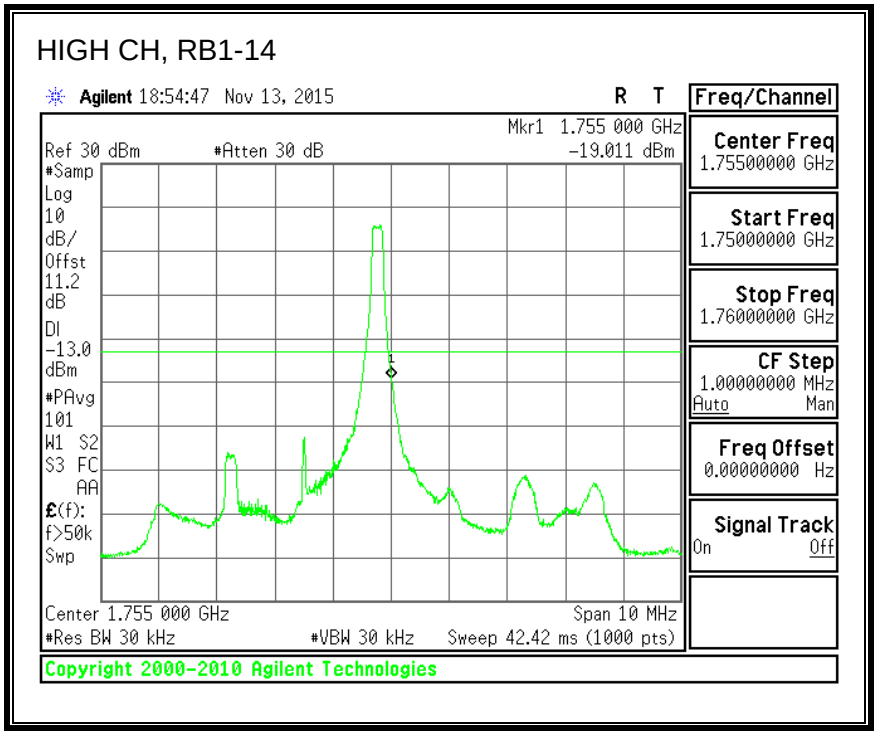
HIGH CH, RB1-0



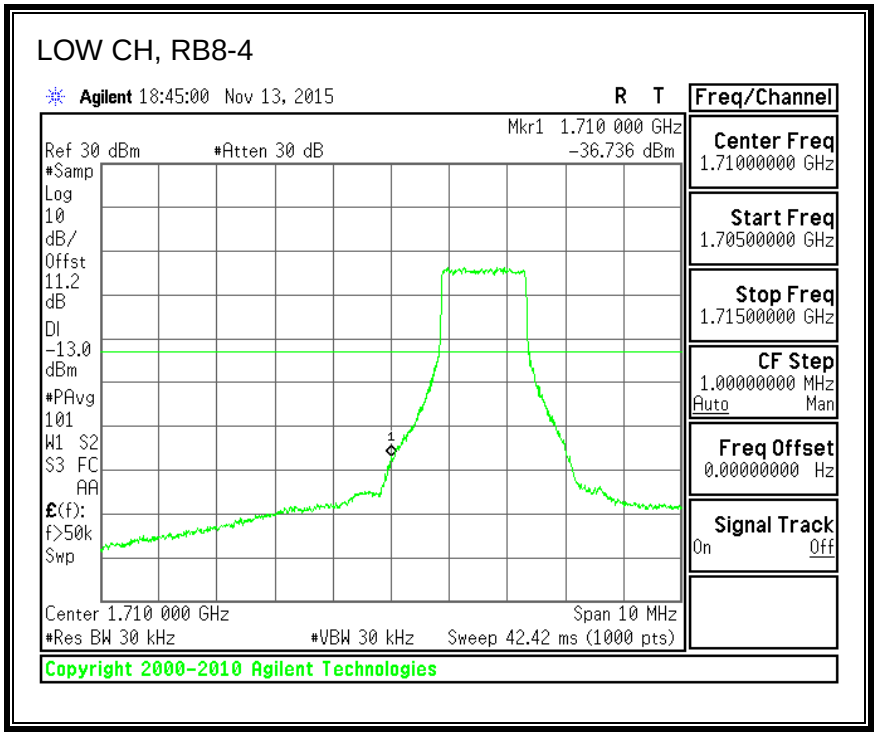
LOW CH, RB1-14



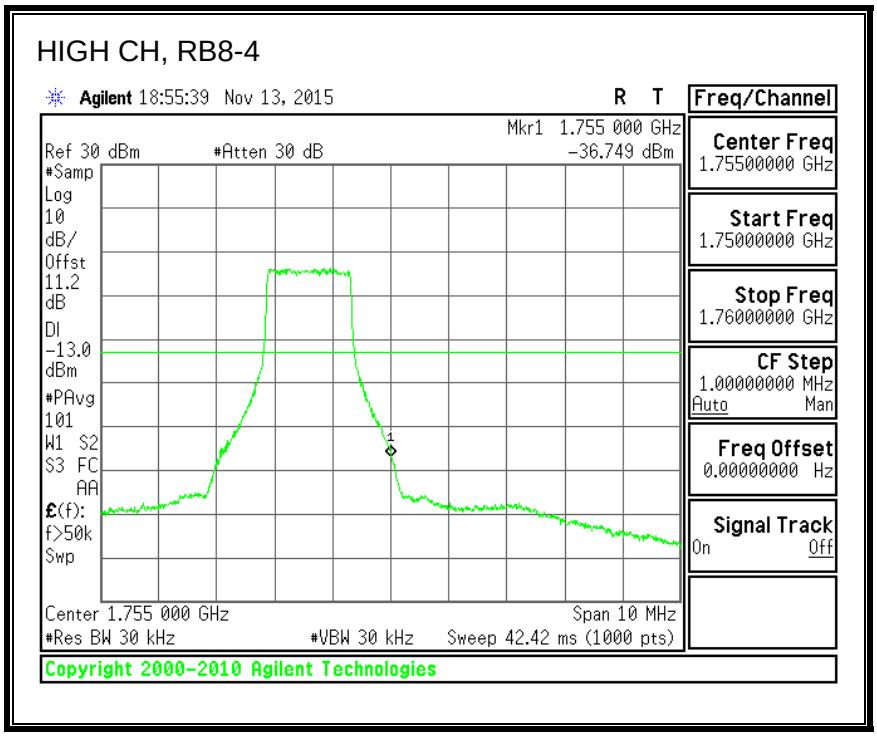
HIGH CH, RB1-14



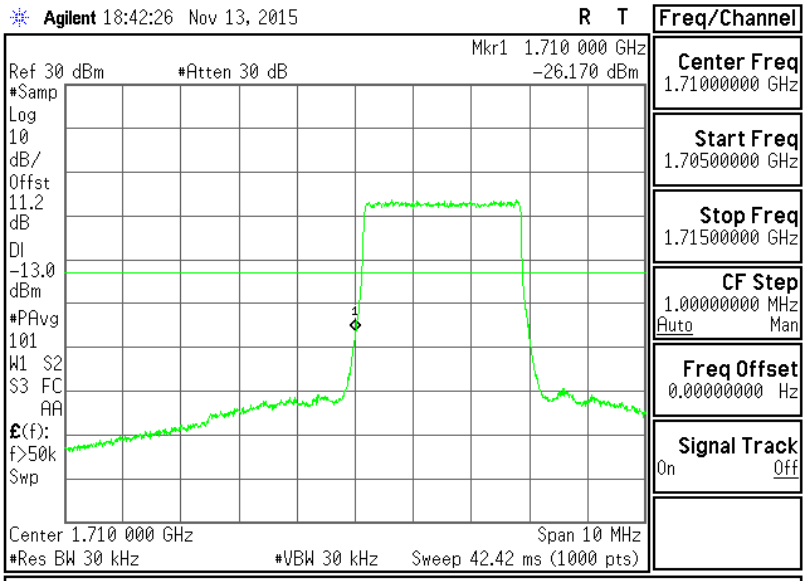
LOW CH, RB8-4



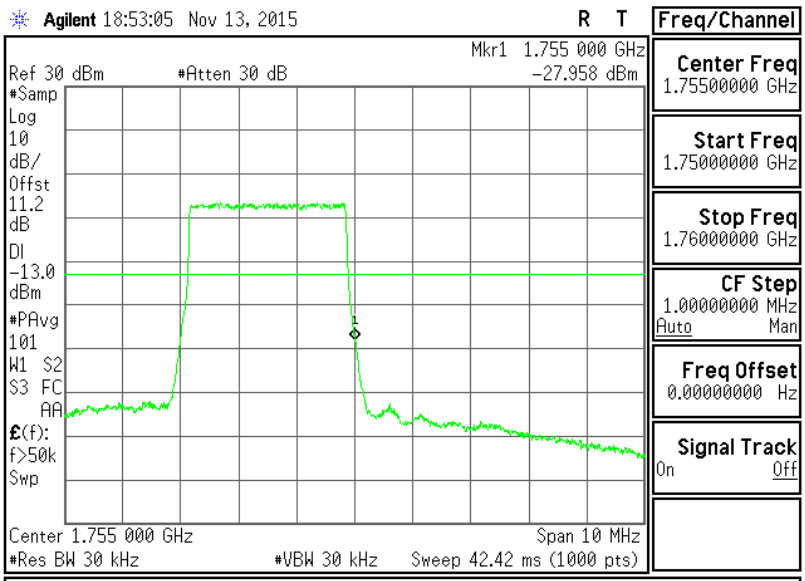
HIGH CH, RB8-4



LOW CH, RB15-0

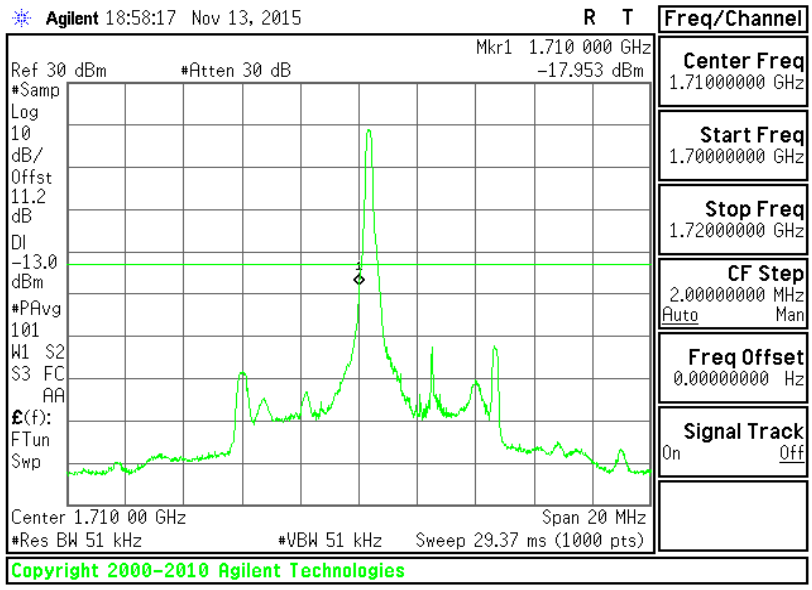


HIGH CH, RB15-0

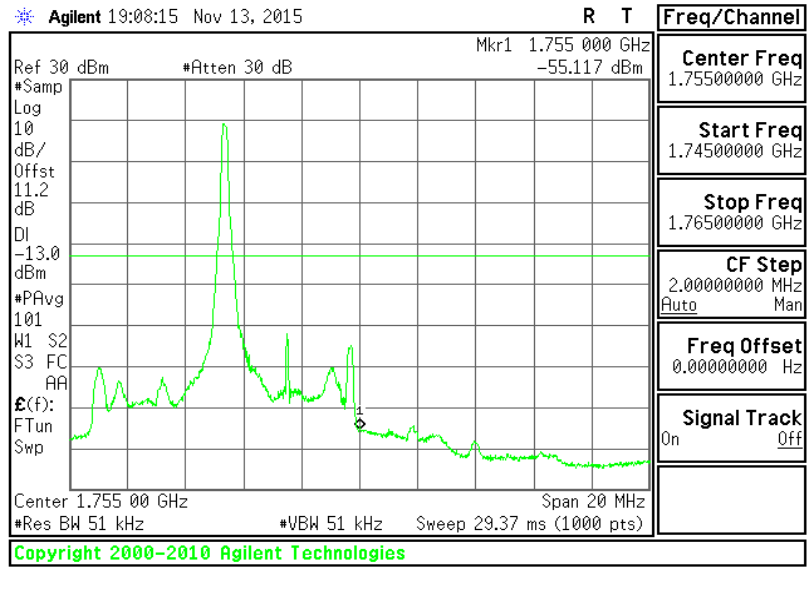


QPSK, (5.0 MHz BAND WIDTH)

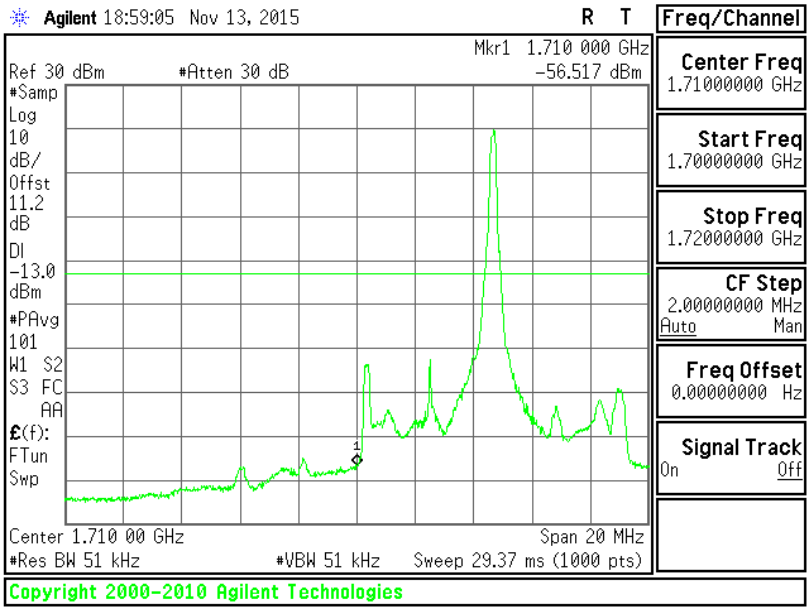
LOW CH, RB1-0



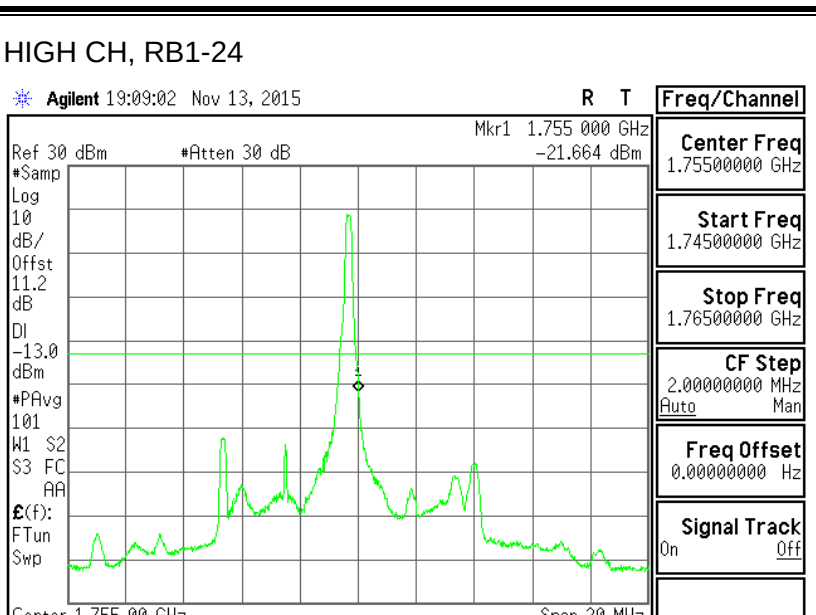
HIGH CH, RB1-0



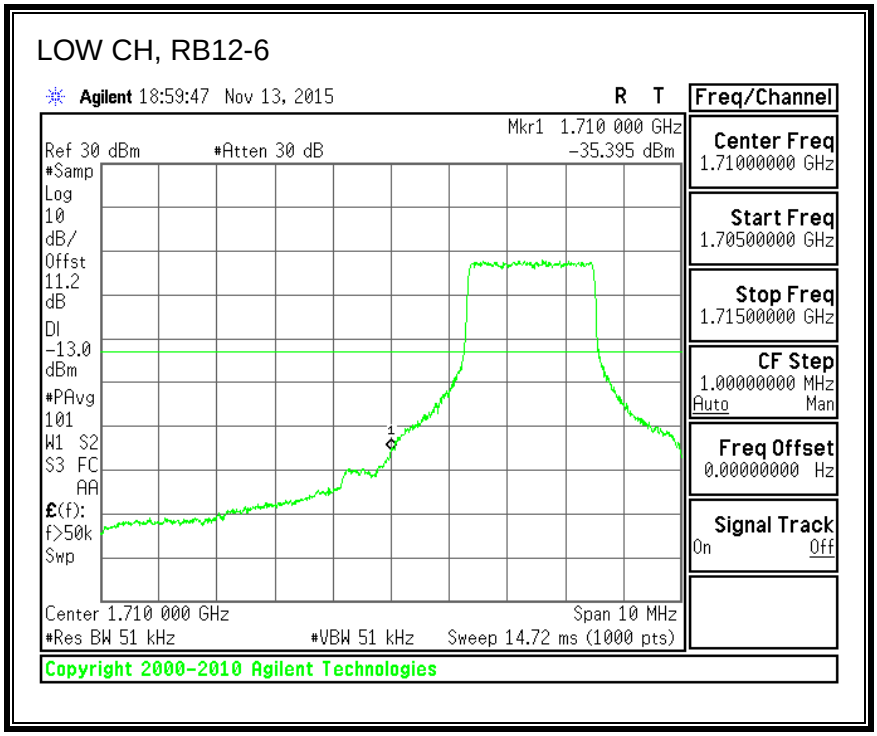
LOW CH, RB1-24



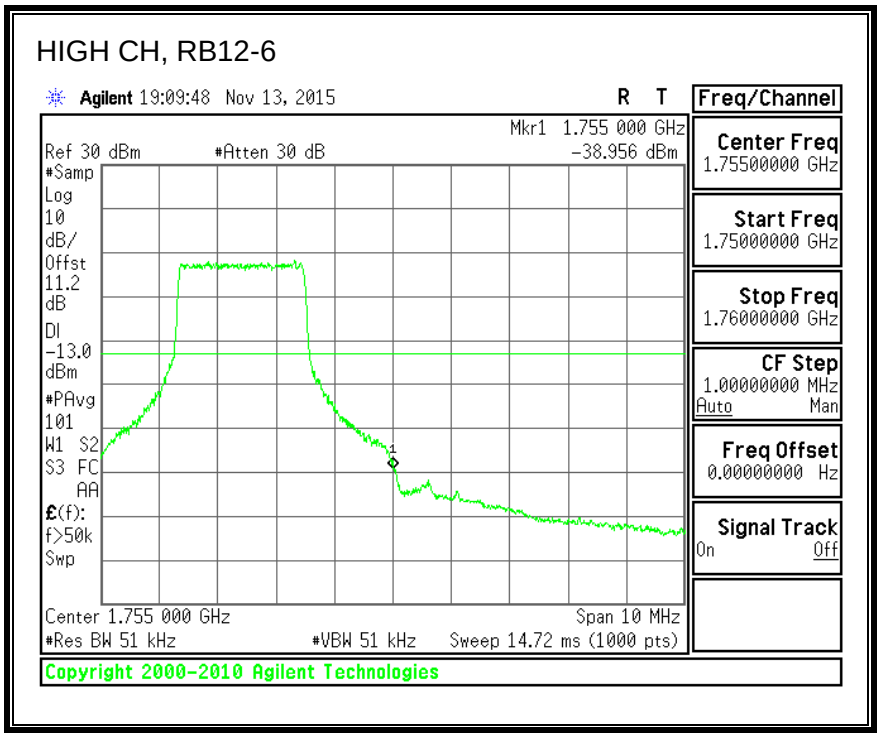
HIGH CH, RB1-24



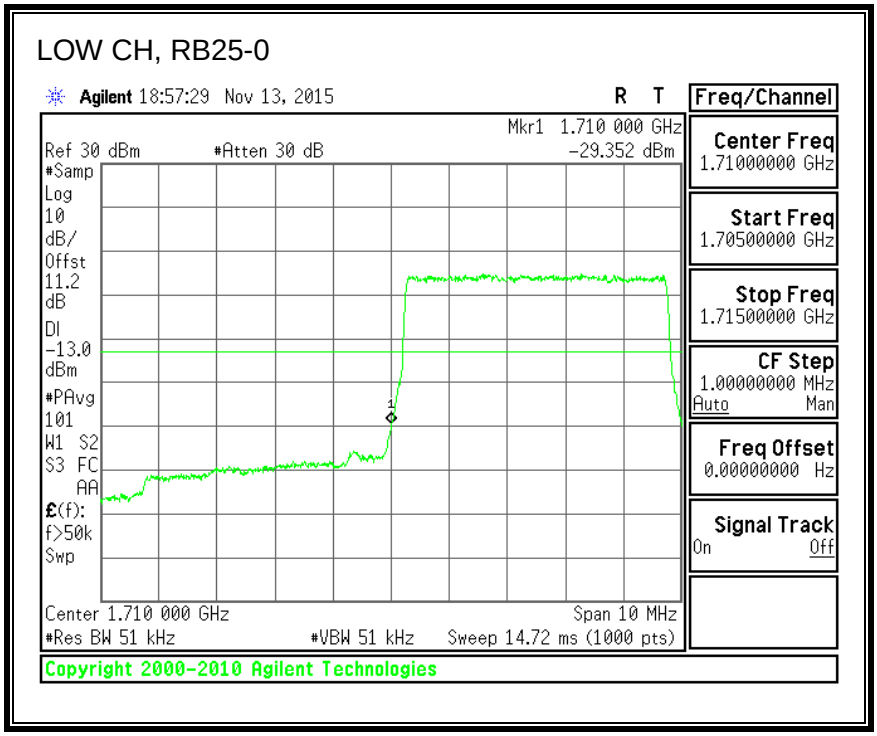
LOW CH, RB12-6



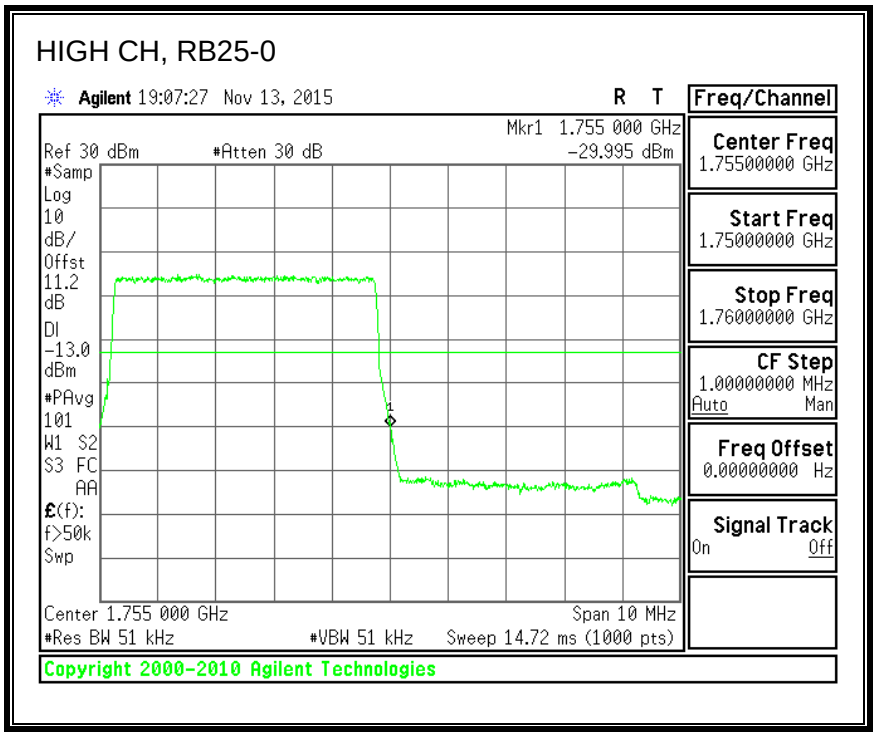
HIGH CH, RB12-6



LOW CH, RB25-0

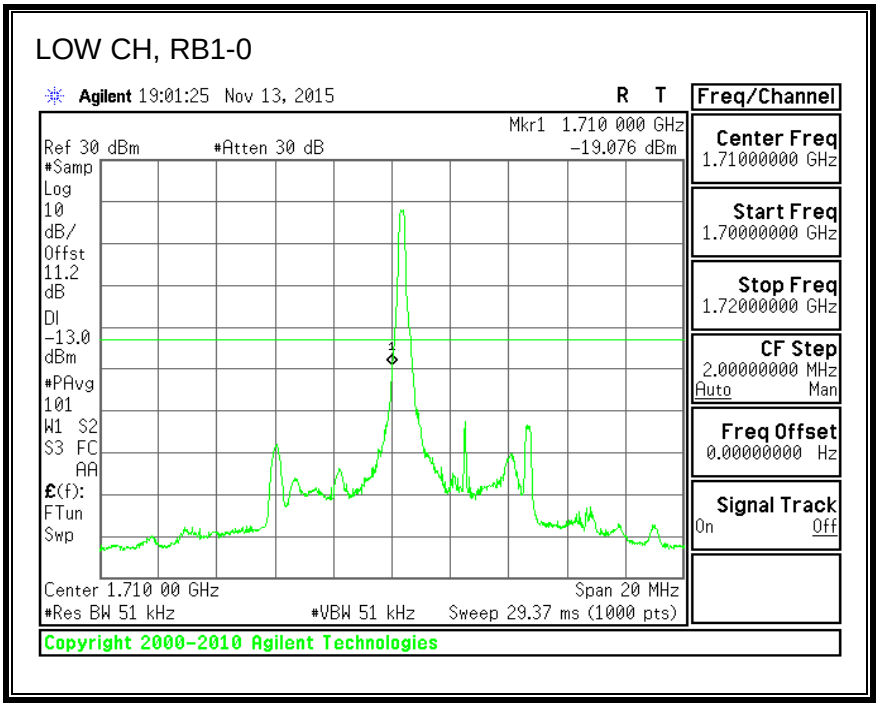


HIGH CH, RB25-0

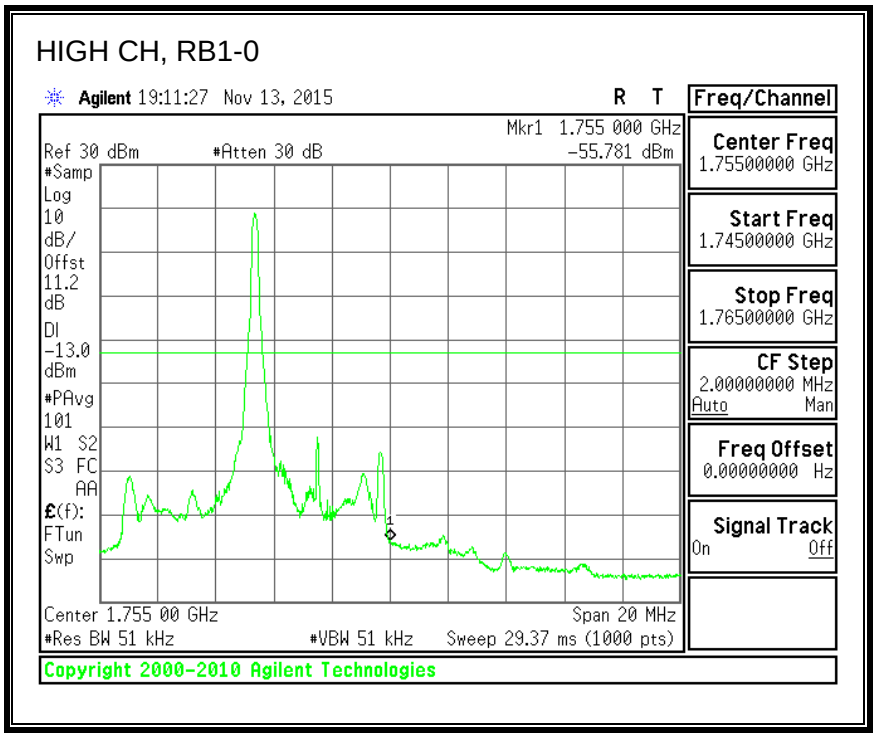


16QAM, (5.0 MHz BAND WIDTH)

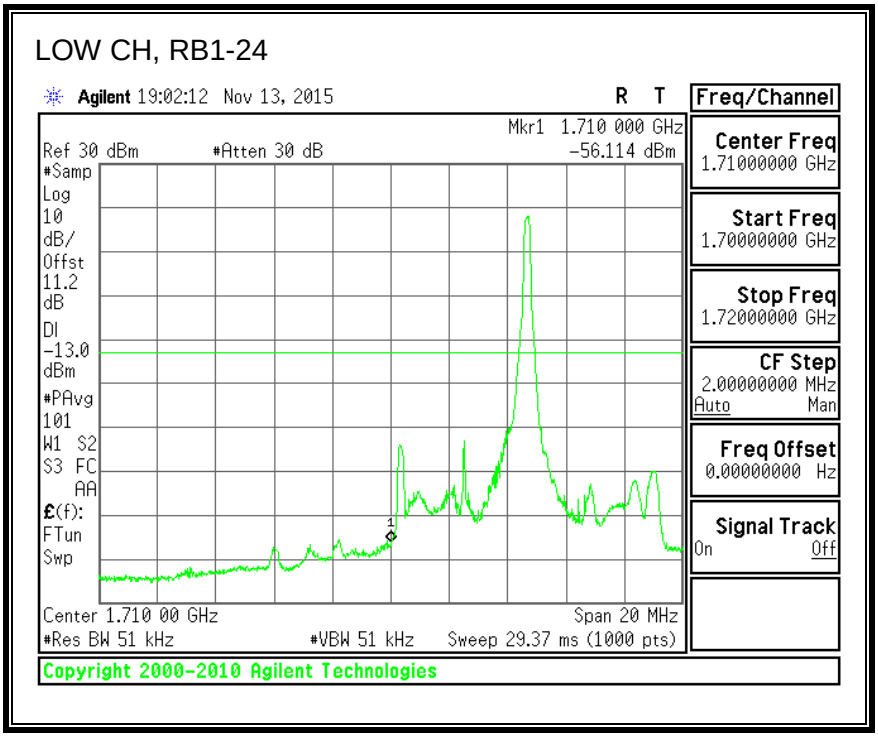
LOW CH, RB1-0



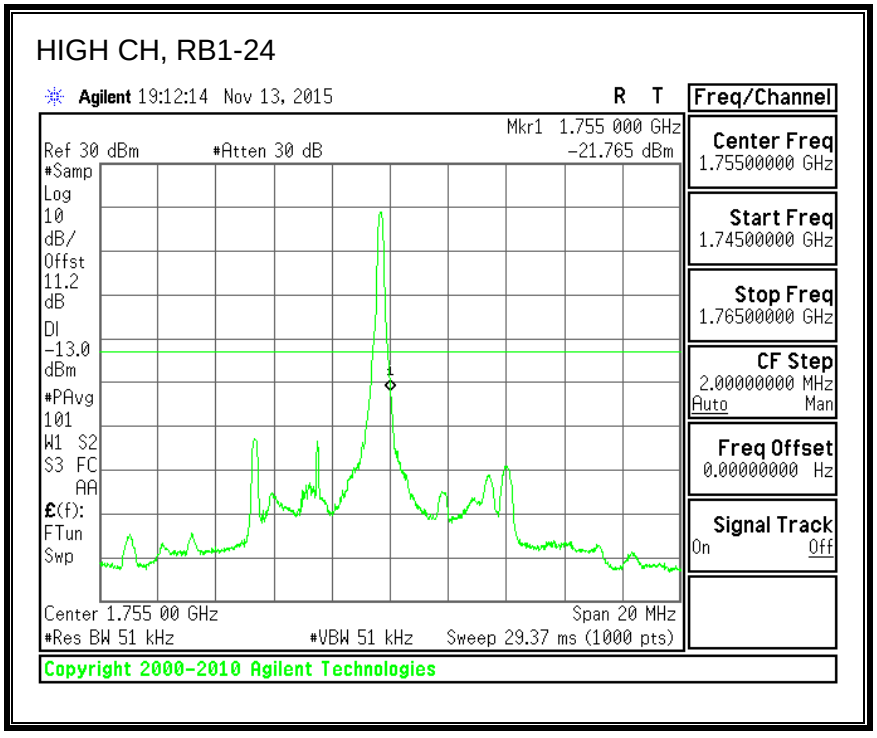
HIGH CH, RB1-0



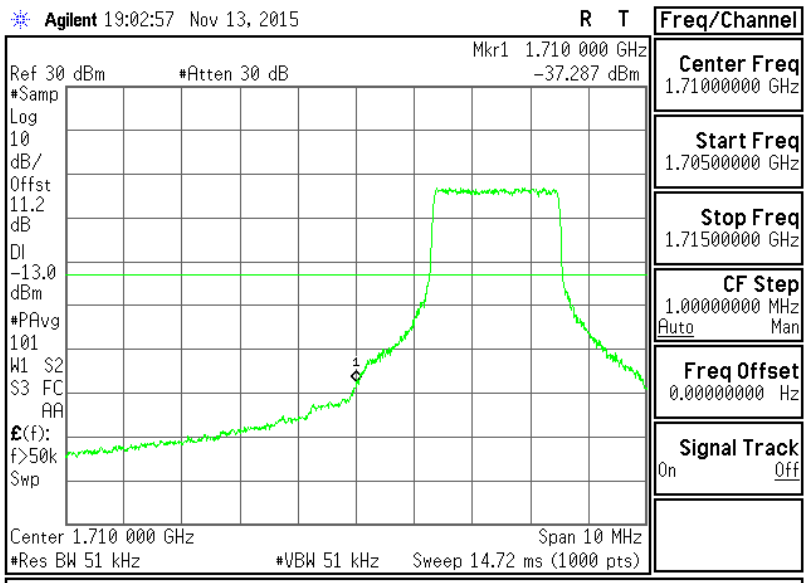
LOW CH, RB1-24



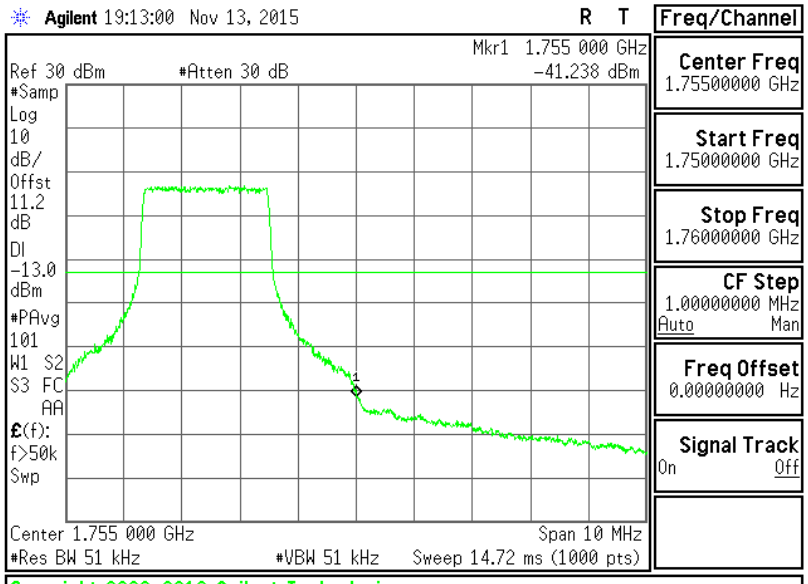
HIGH CH, RB1-24



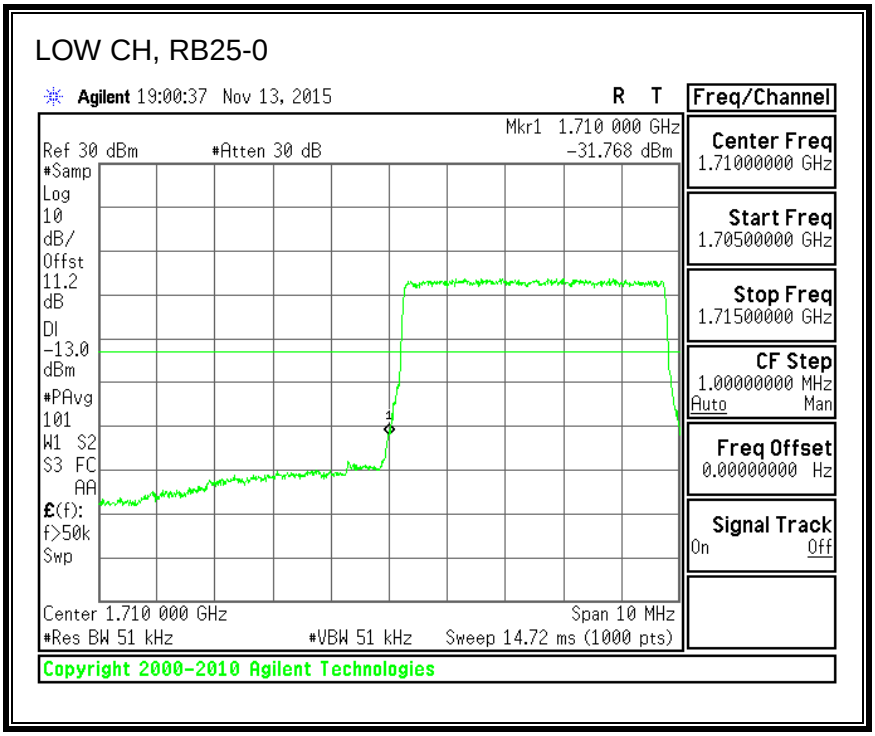
LOW CH, RB12-6



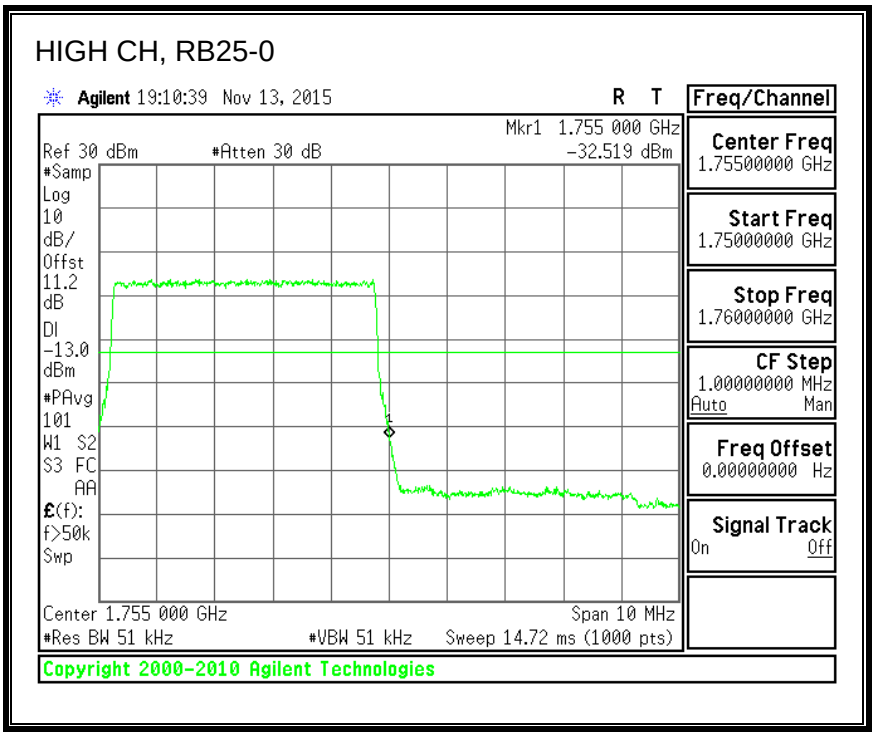
HIGH CH, RB12-6



LOW CH, RB25-0

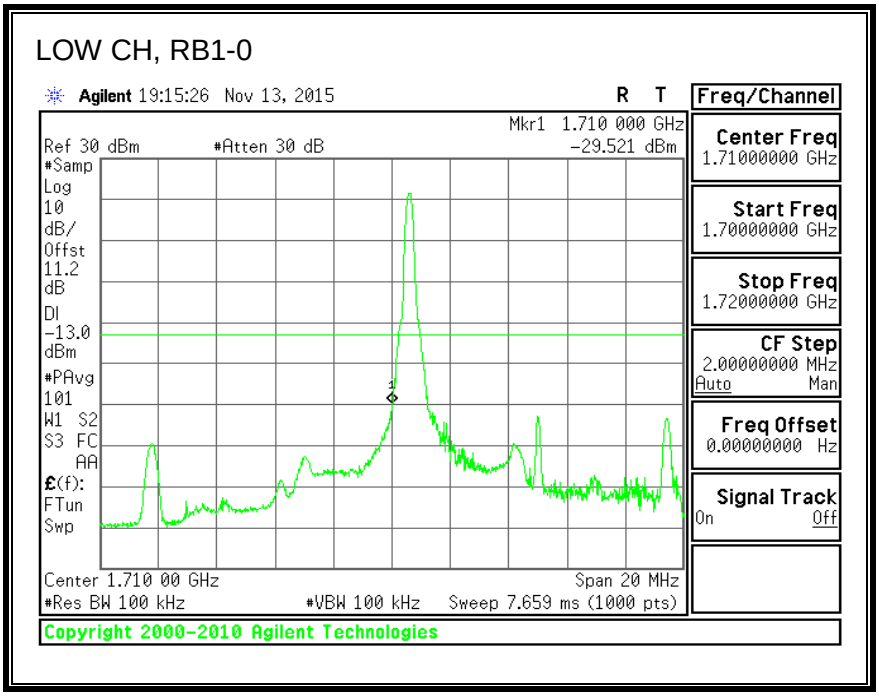


HIGH CH, RB25-0

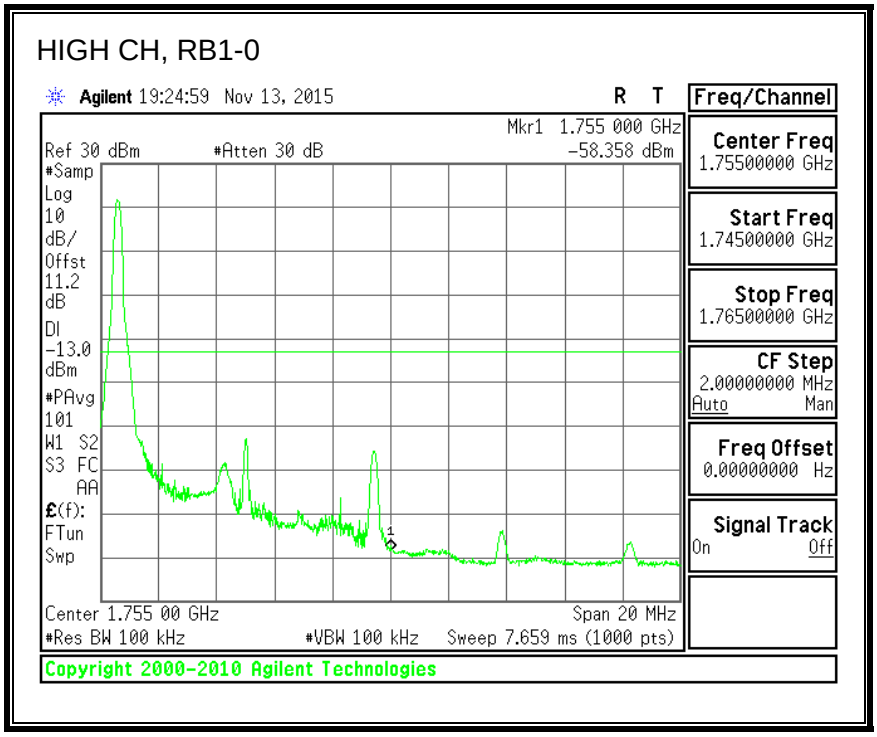


QPSK, (10.0 MHz BAND WIDTH)

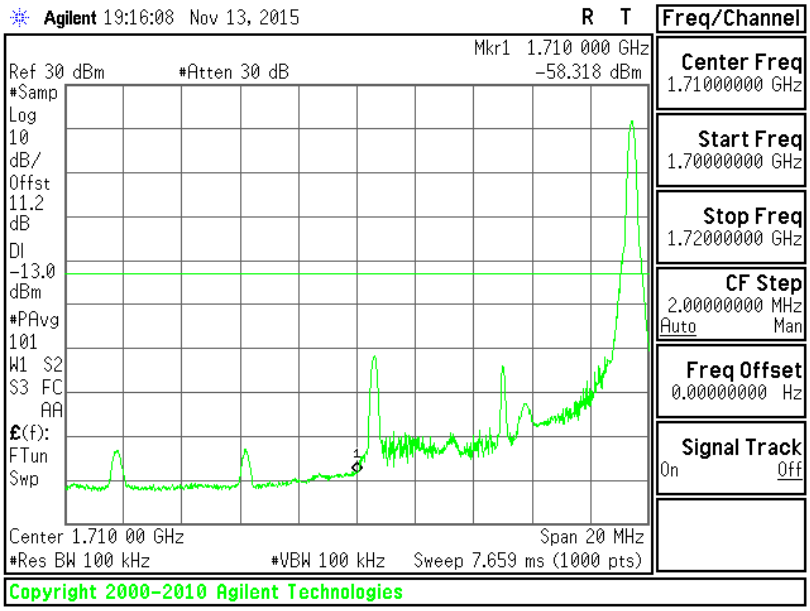
LOW CH, RB1-0



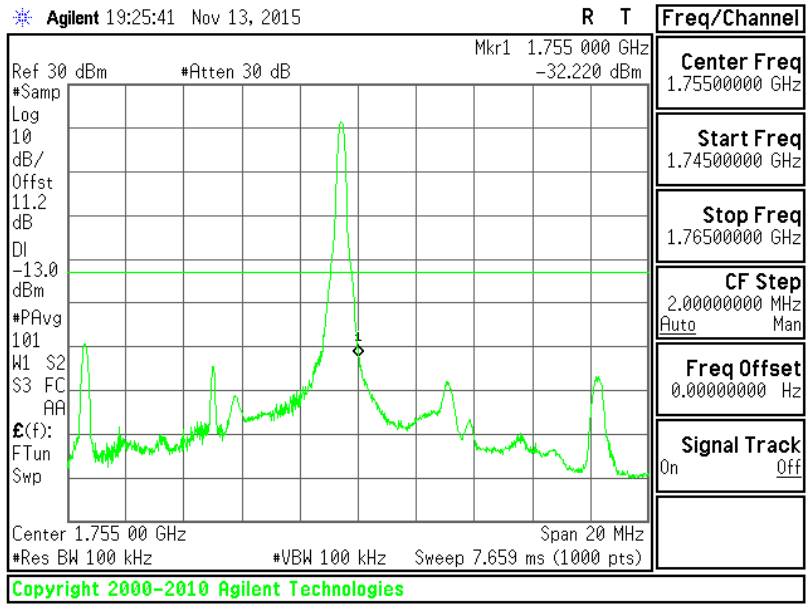
HIGH CH, RB1-0



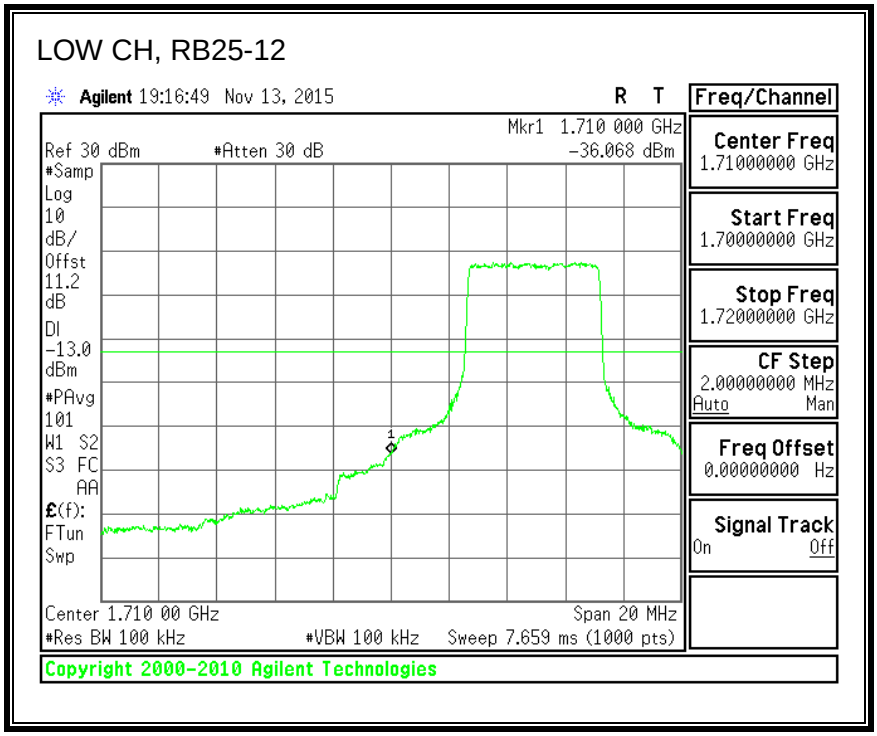
LOW CH, RB1-49



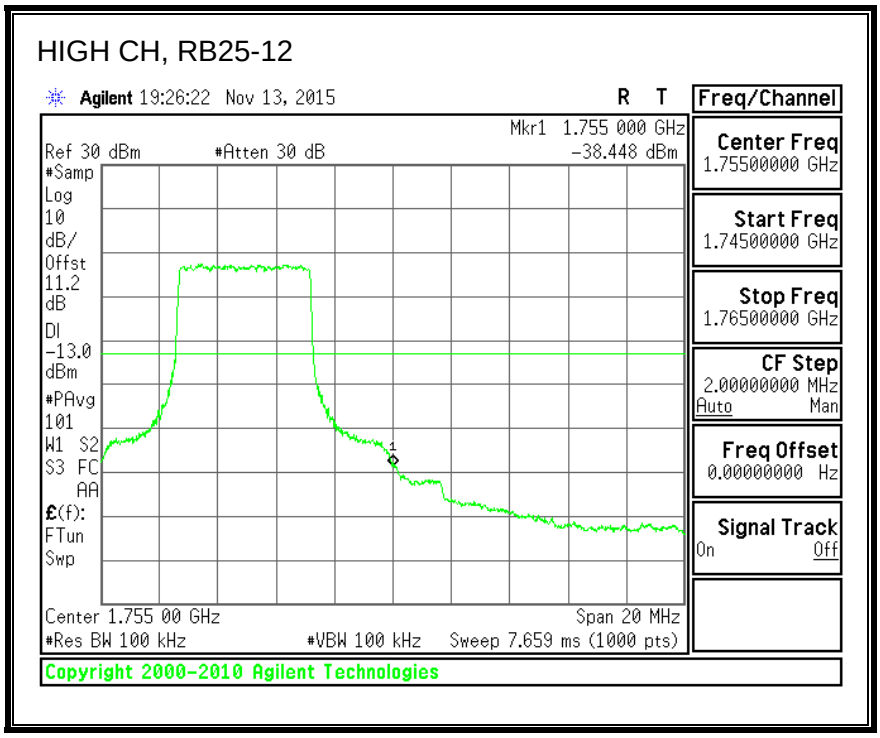
HIGH CH, RB1-49



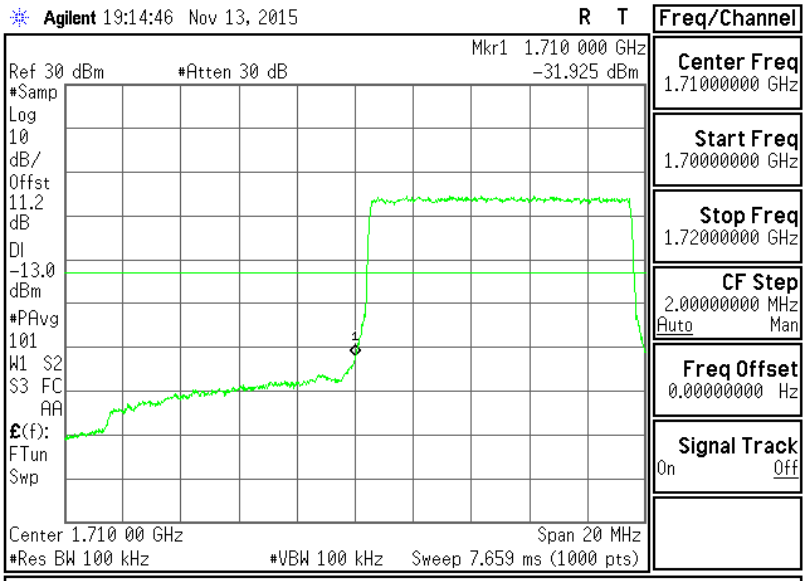
LOW CH, RB25-12



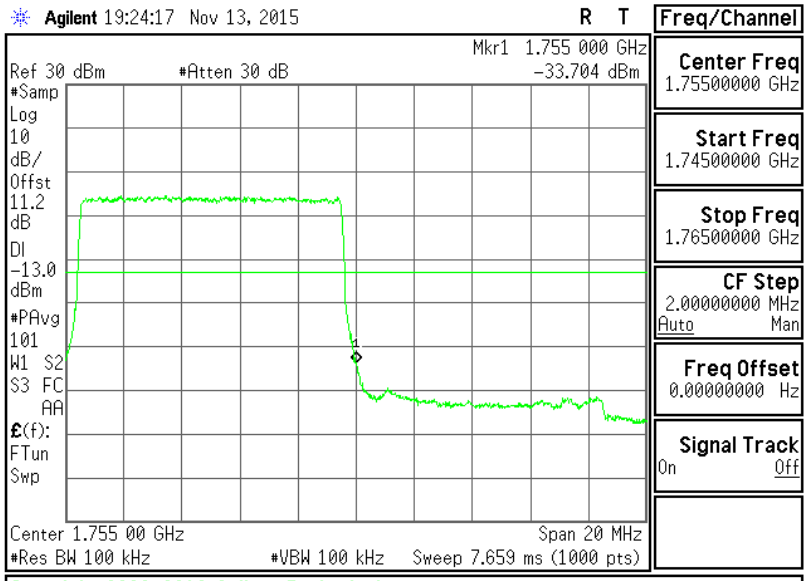
HIGH CH, RB25-12



LOW CH, RB50-0

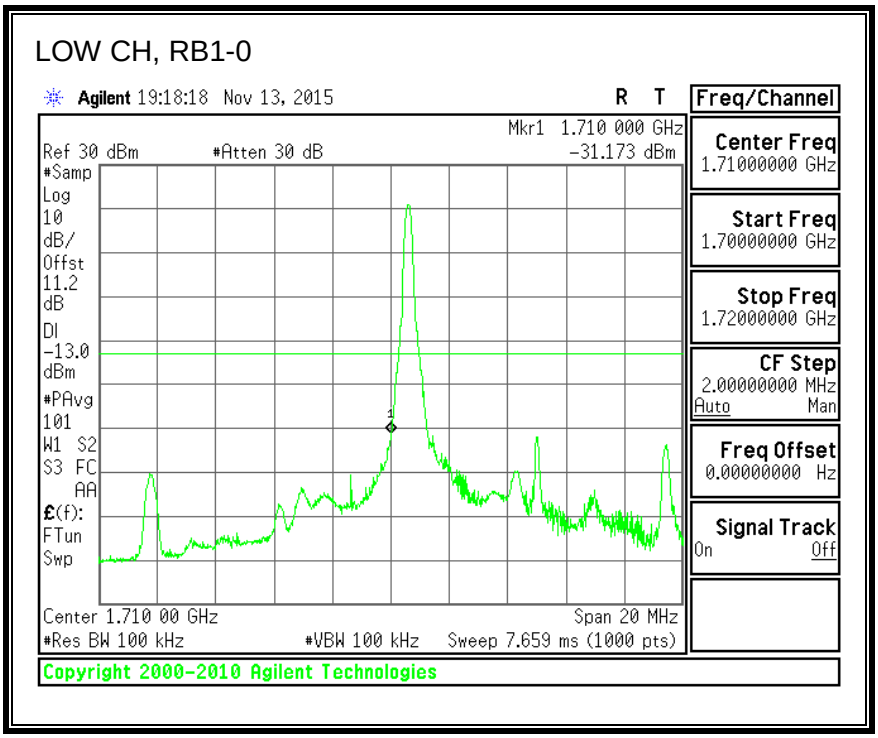


HIGH CH, RB50-0

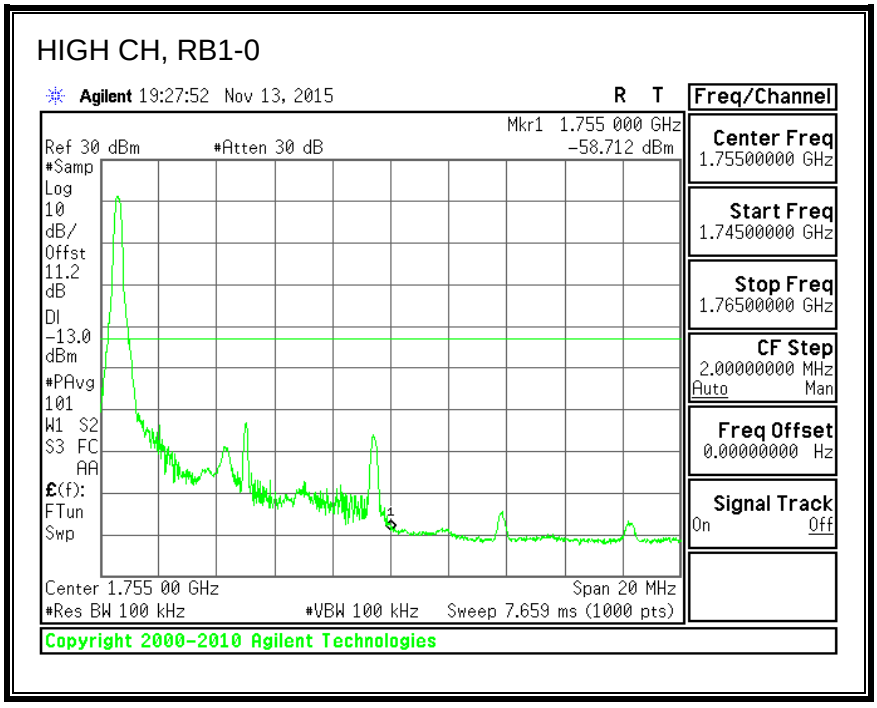


16QAM, (10.0 MHz BAND WIDTH)

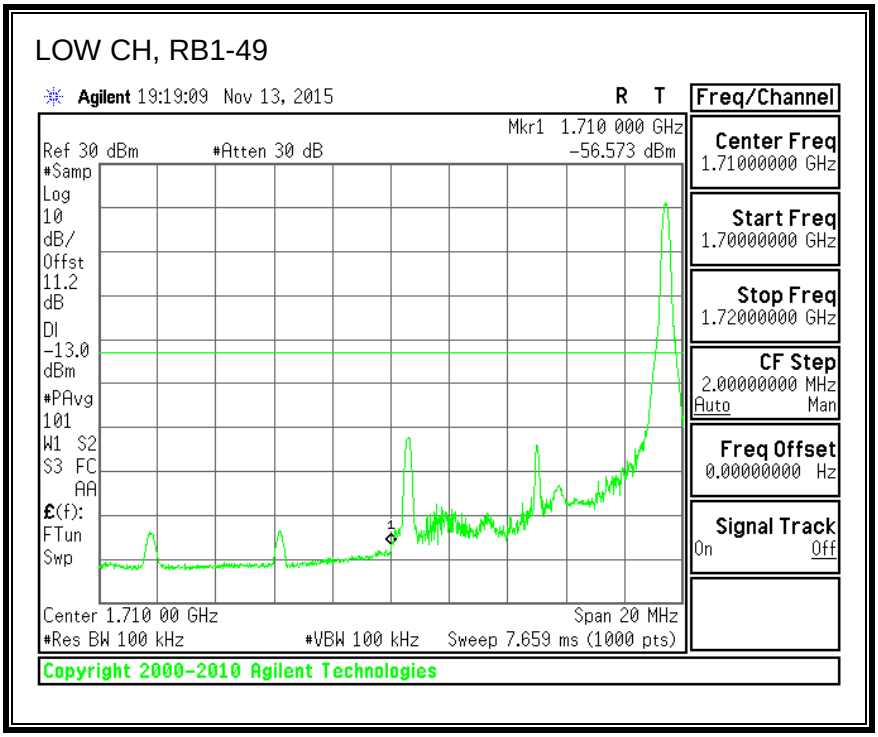
LOW CH, RB1-0



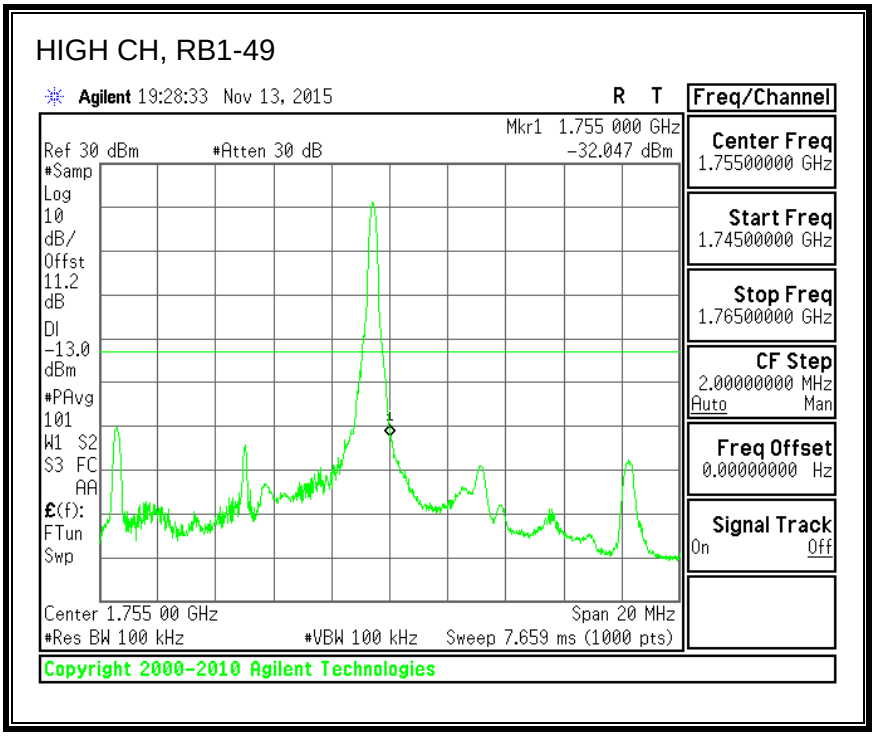
HIGH CH, RB1-0



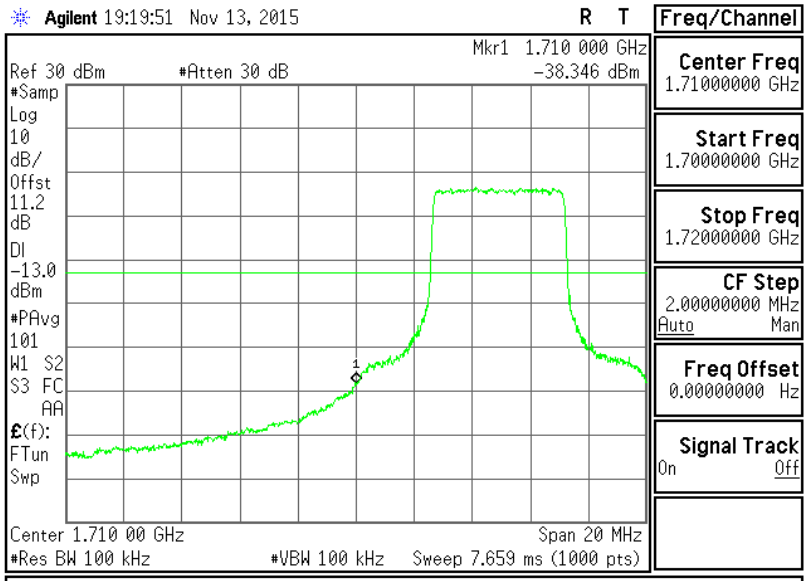
LOW CH, RB1-49



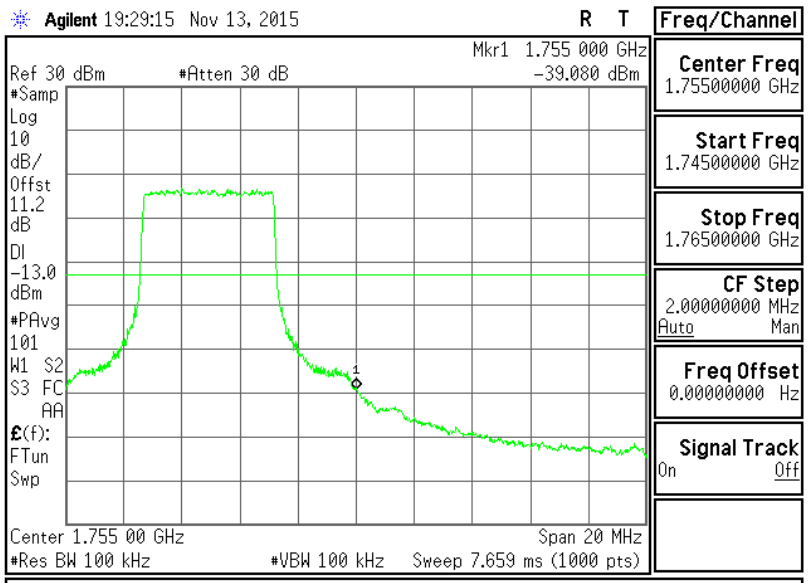
HIGH CH, RB1-49



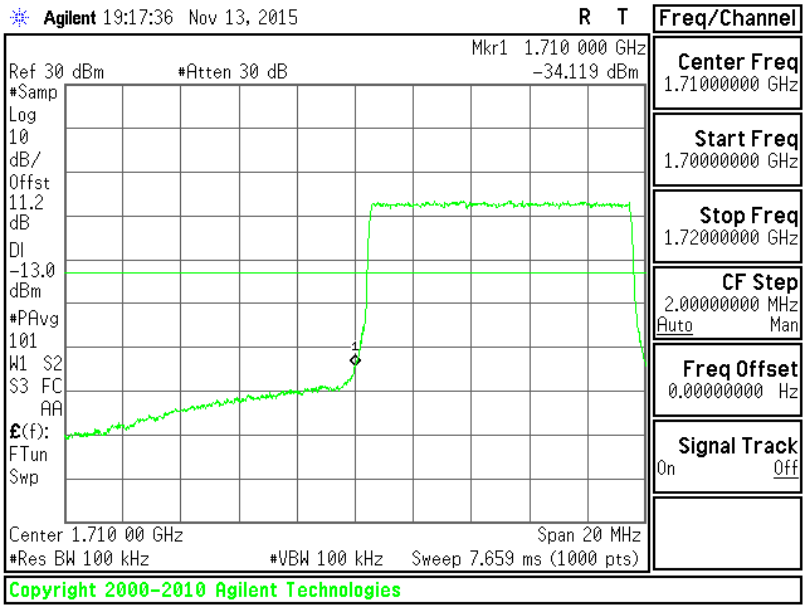
LOW CH, RB25-12



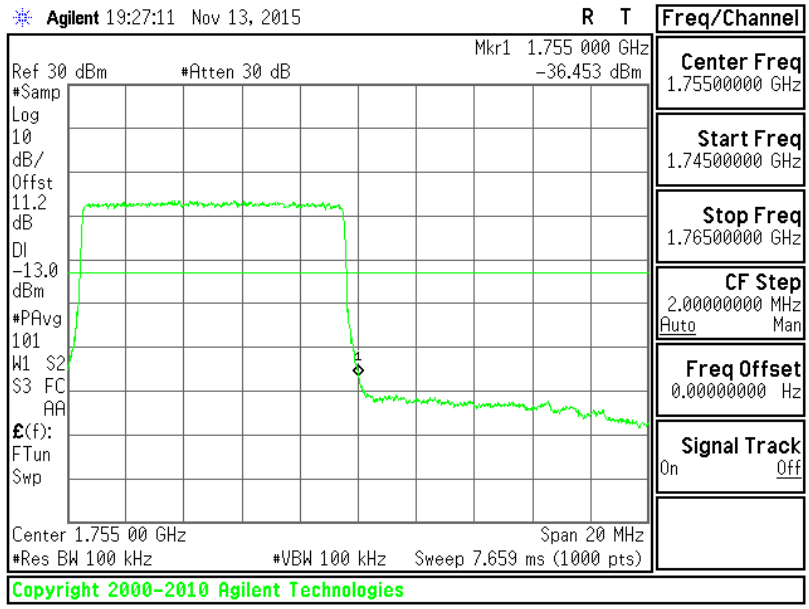
HIGH CH, RB25-12



LOW CH, RB50-0

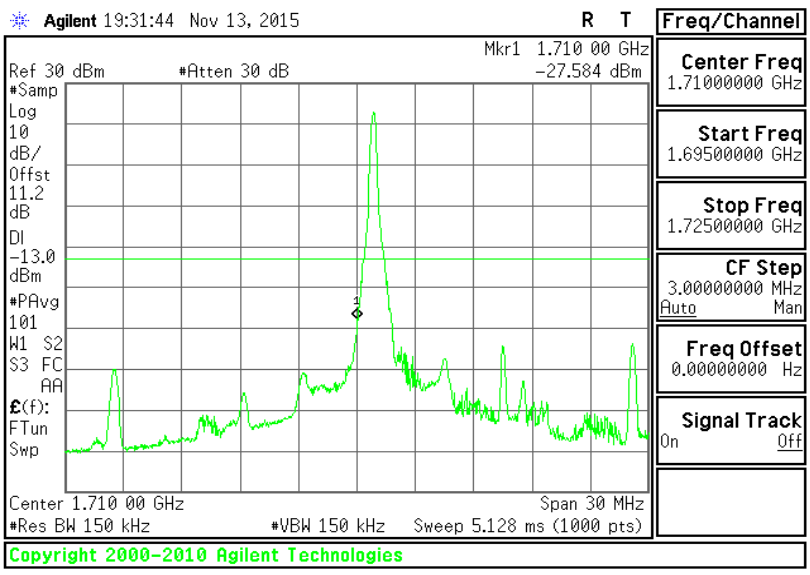


HIGH CH, RB50-0

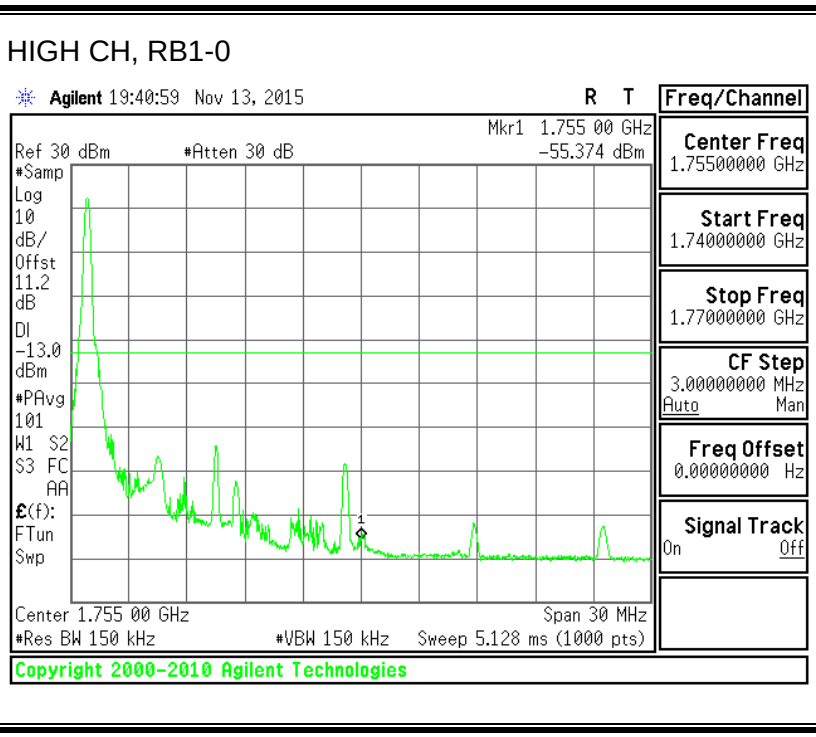


QPSK, (15.0 MHz BAND WIDTH)

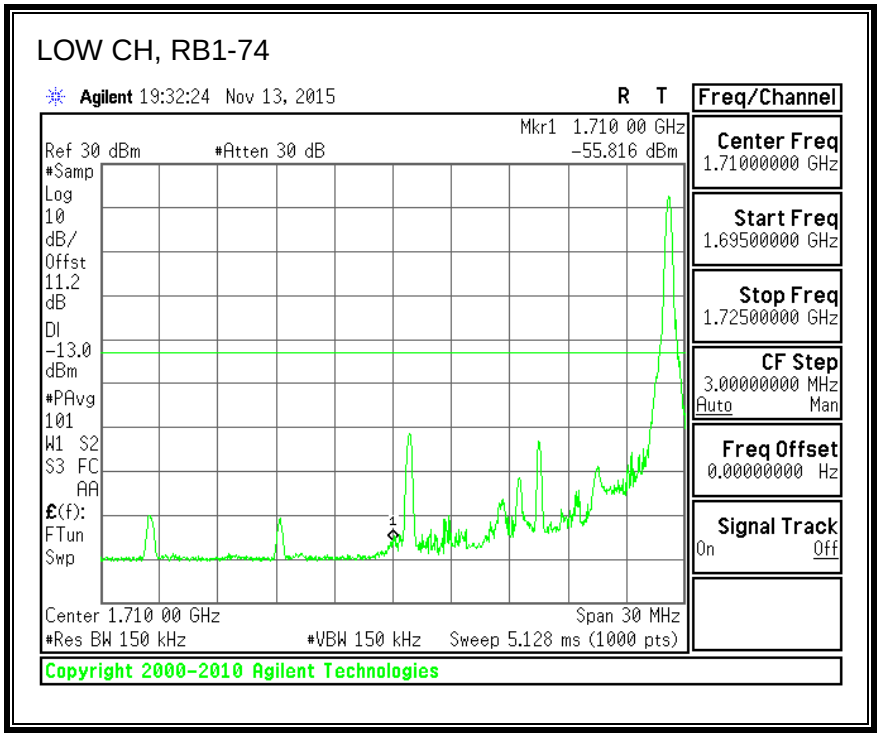
LOW CH, RB1-0



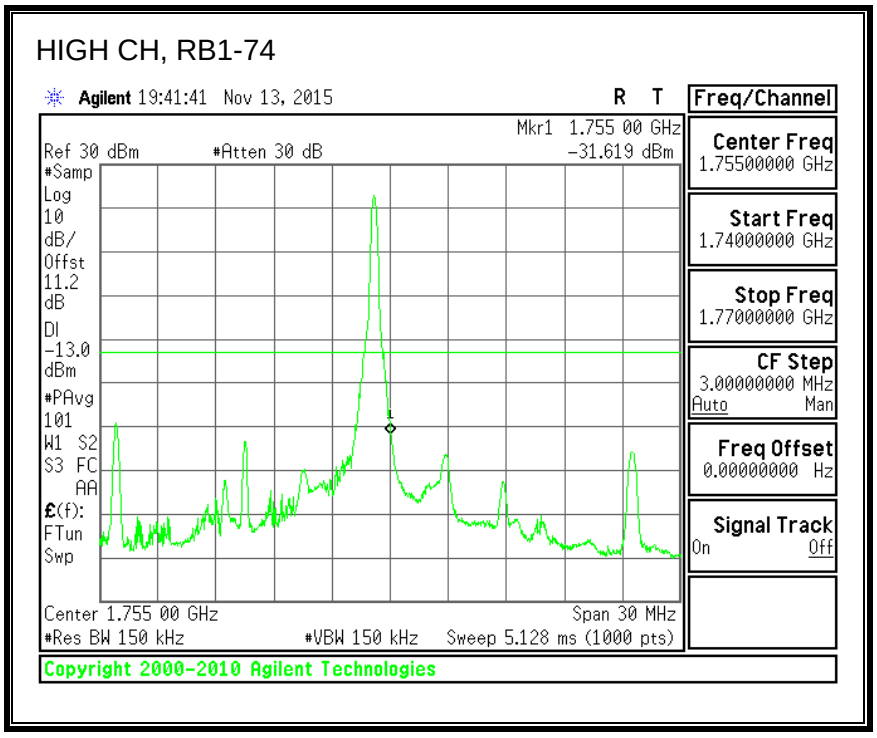
HIGH CH, RB1-0



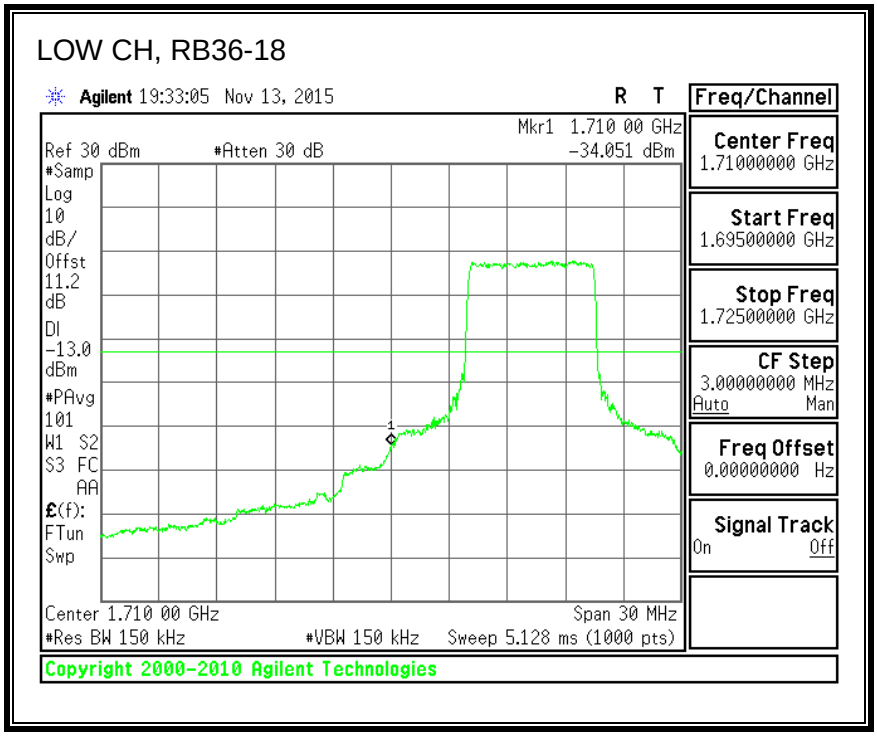
LOW CH, RB1-74



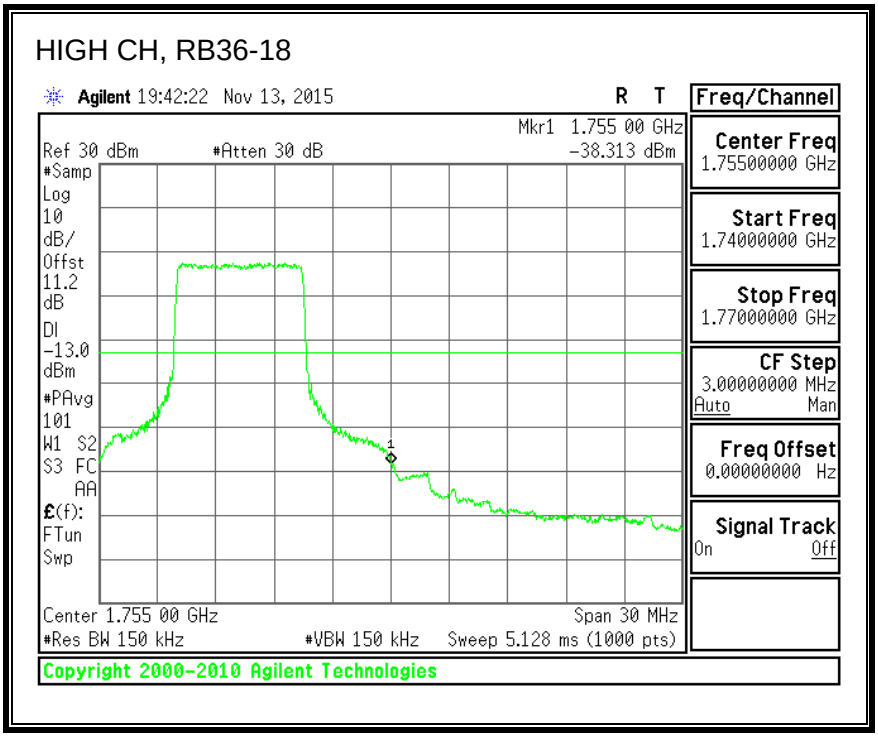
HIGH CH, RB1-74



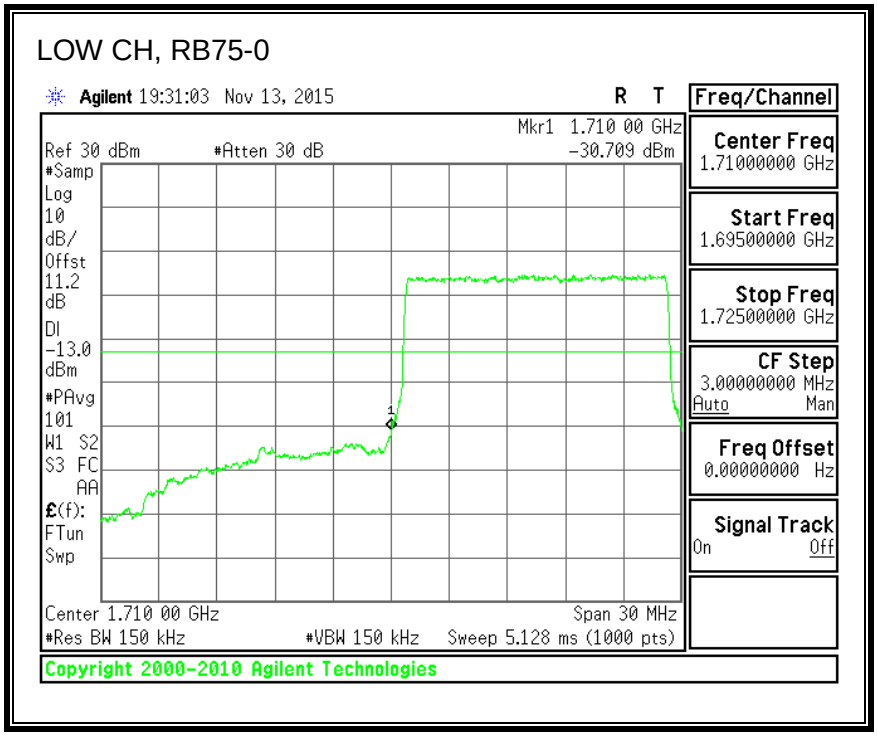
LOW CH, RB36-18



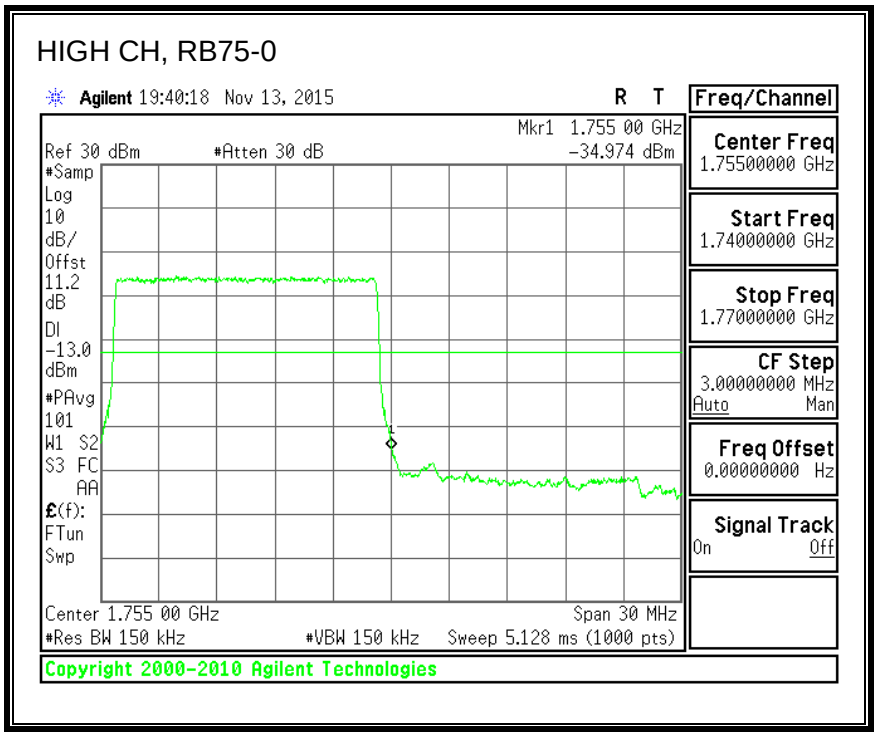
HIGH CH, RB36-18



LOW CH, RB75-0

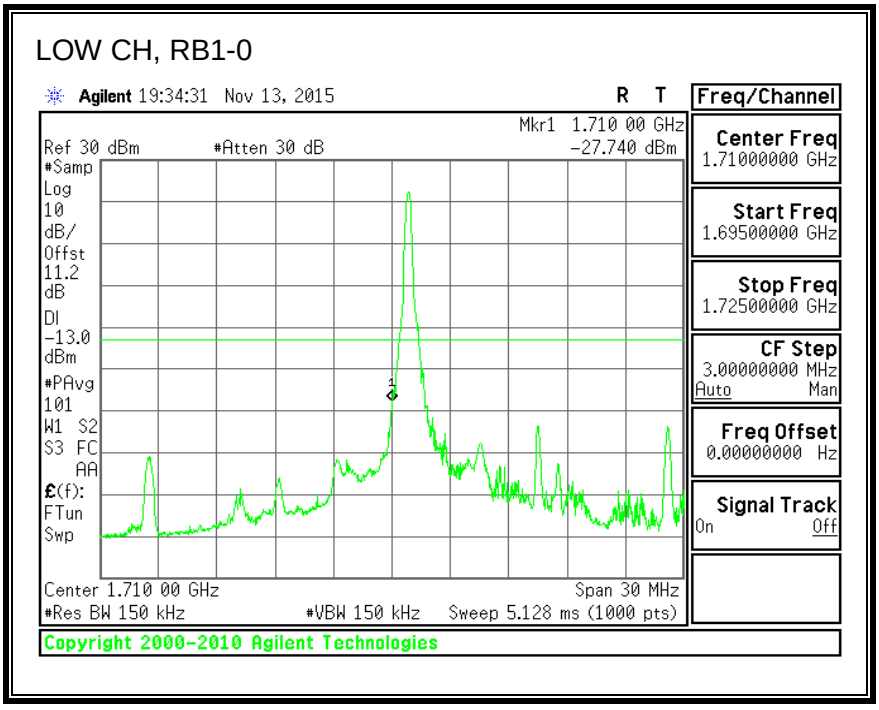


HIGH CH, RB75-0

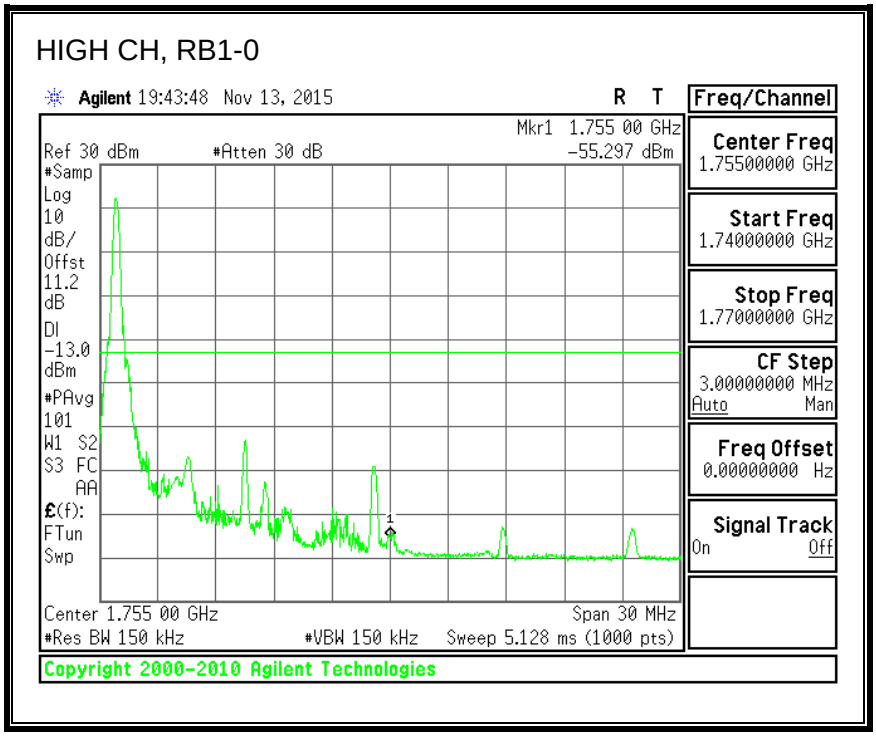


16QAM, (15.0 MHz BAND WIDTH)

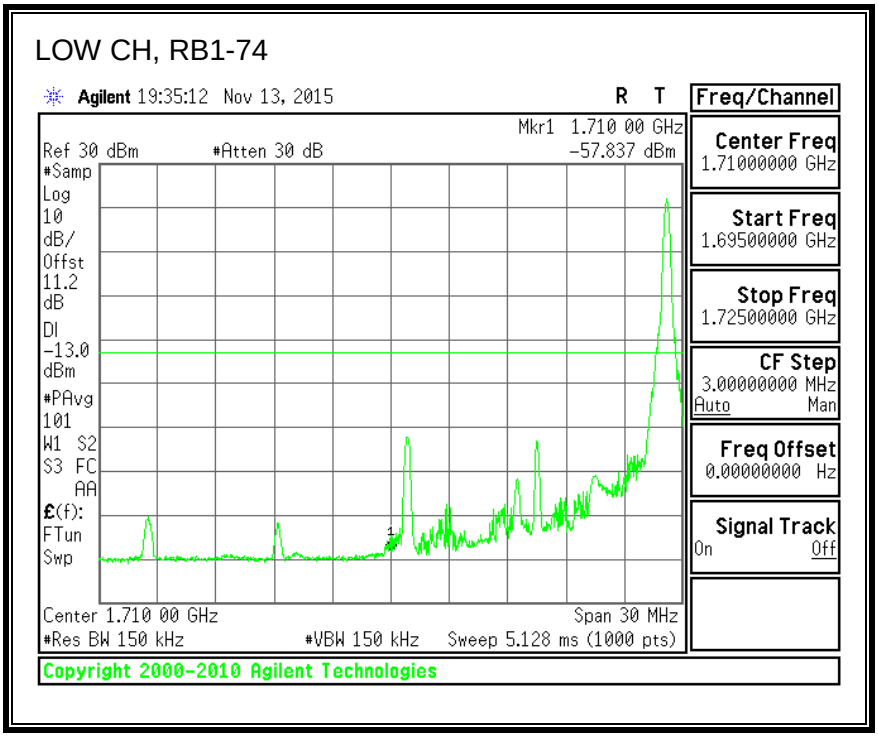
LOW CH, RB1-0



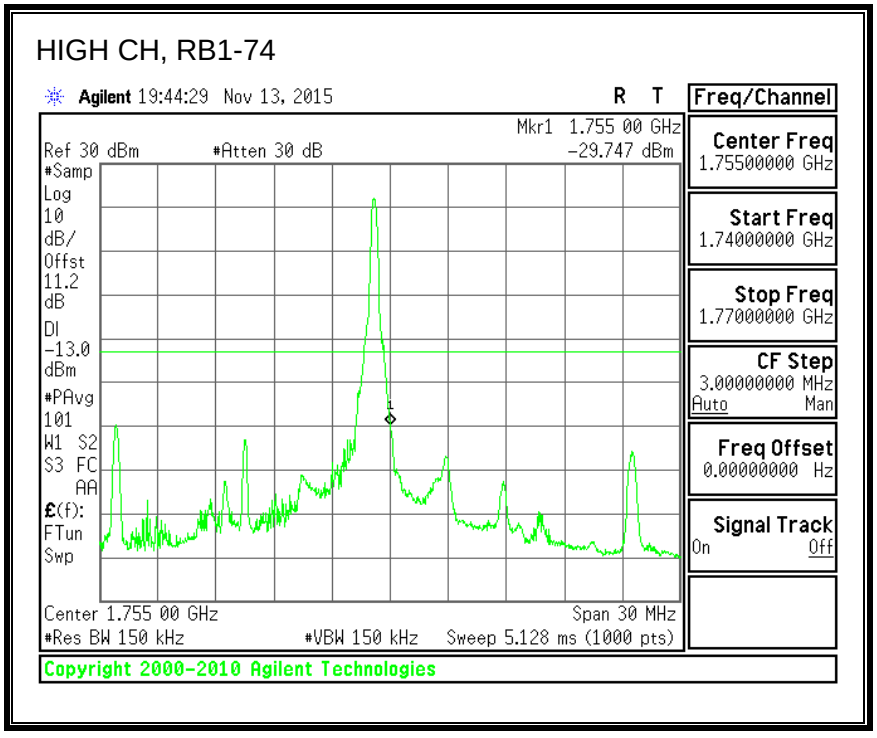
HIGH CH, RB1-0



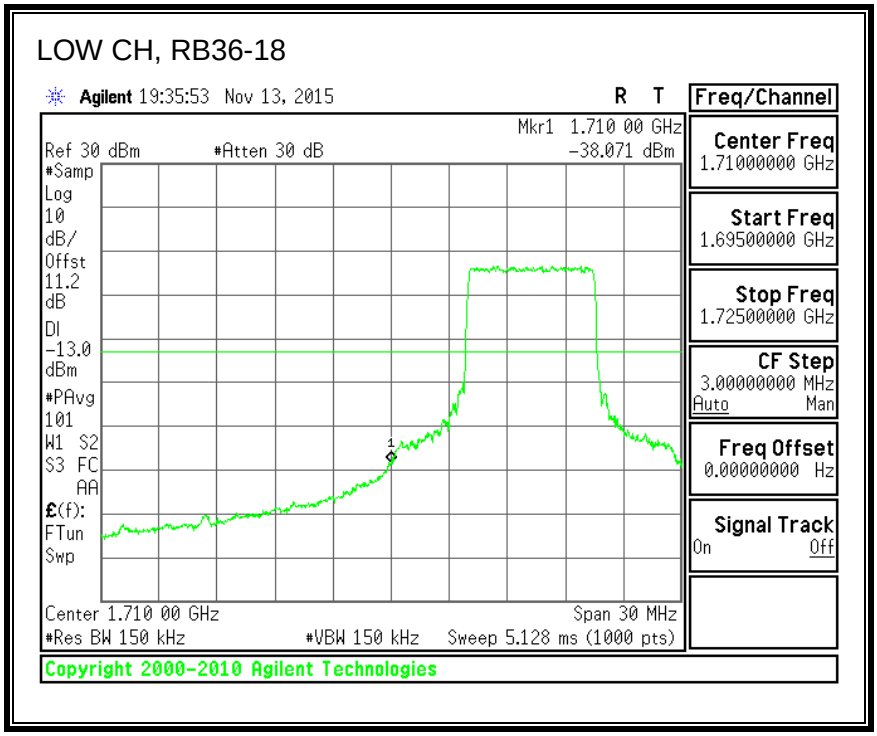
LOW CH, RB1-74



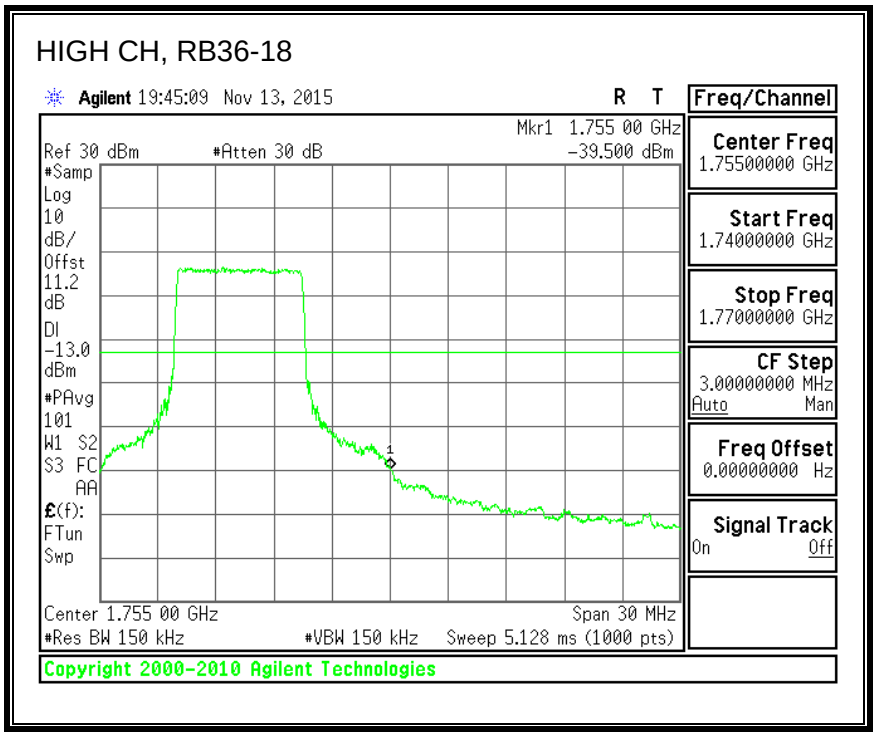
HIGH CH, RB1-74



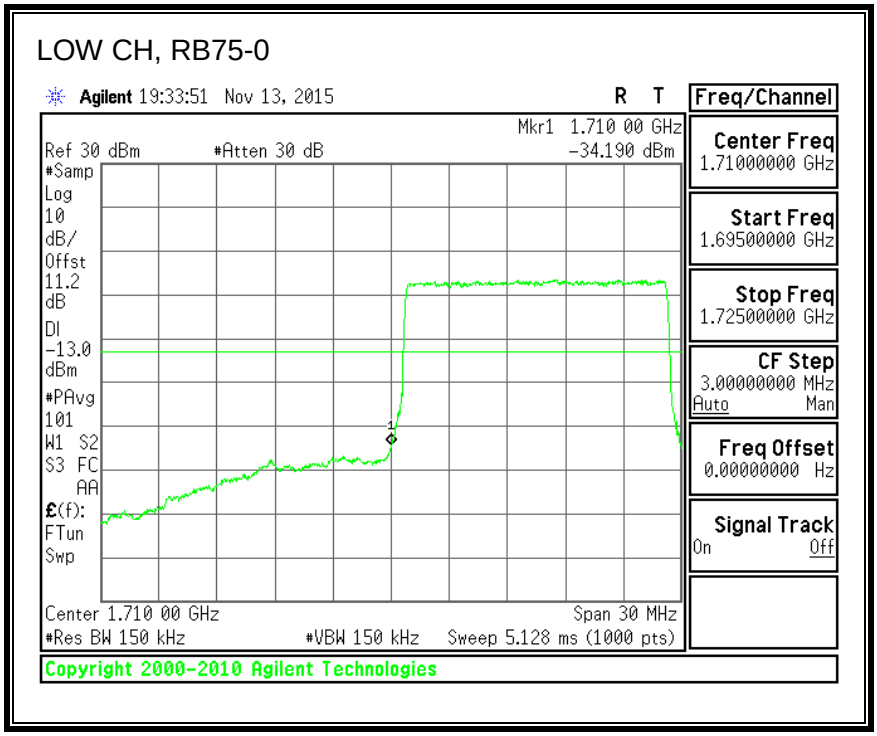
LOW CH, RB36-18



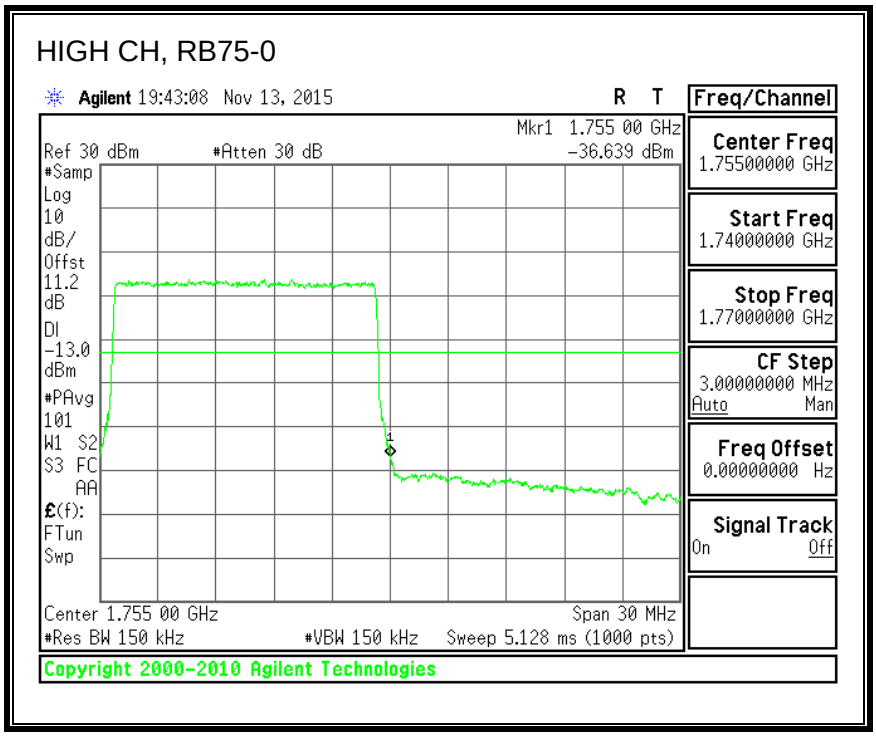
HIGH CH, RB36-18



LOW CH, RB75-0

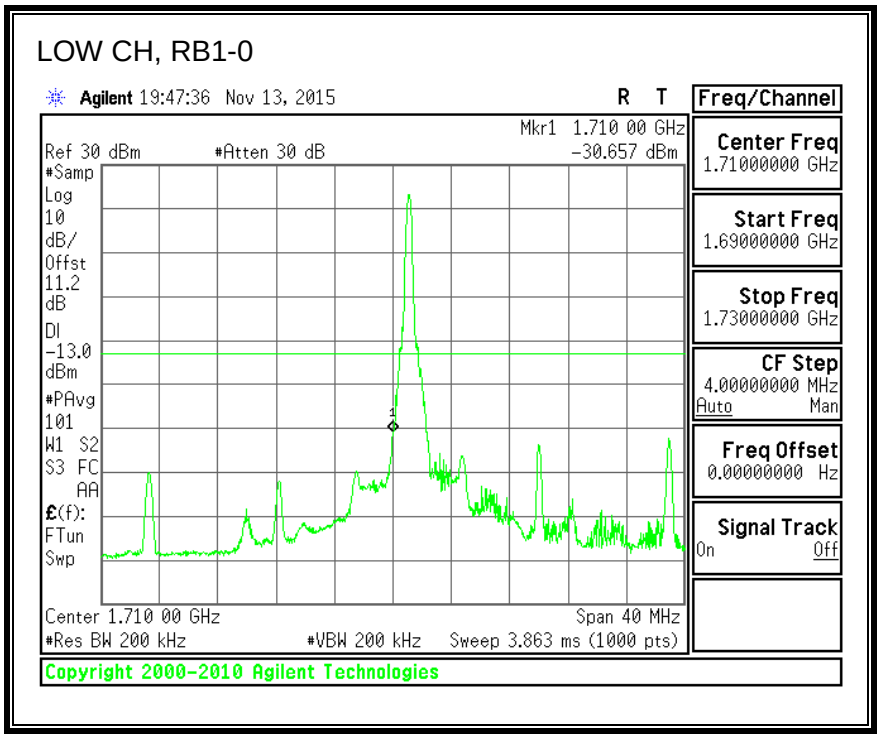


HIGH CH, RB75-0

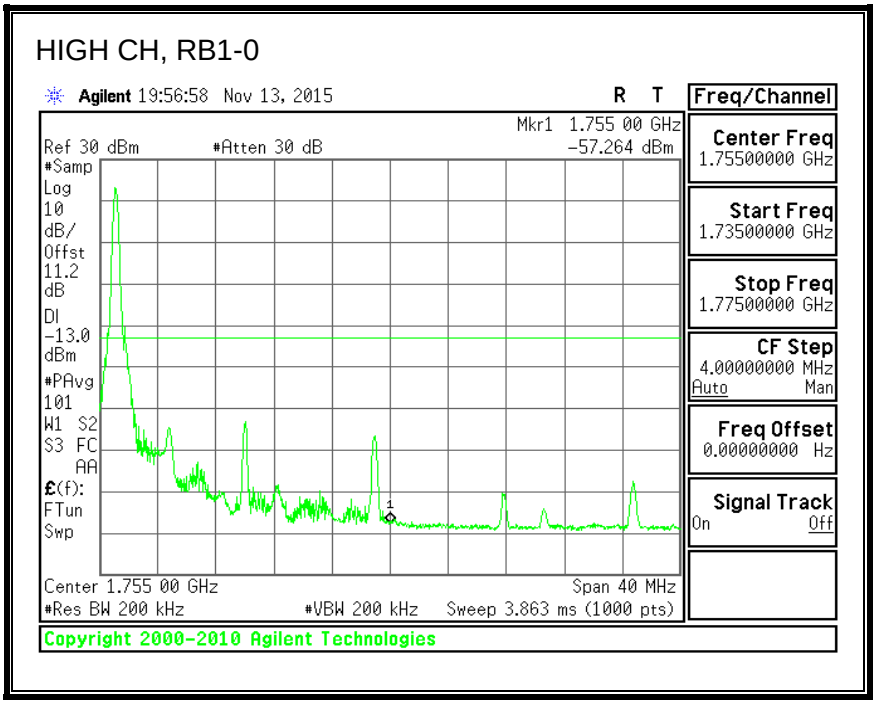


QPSK, (20.0 MHz BAND WIDTH)

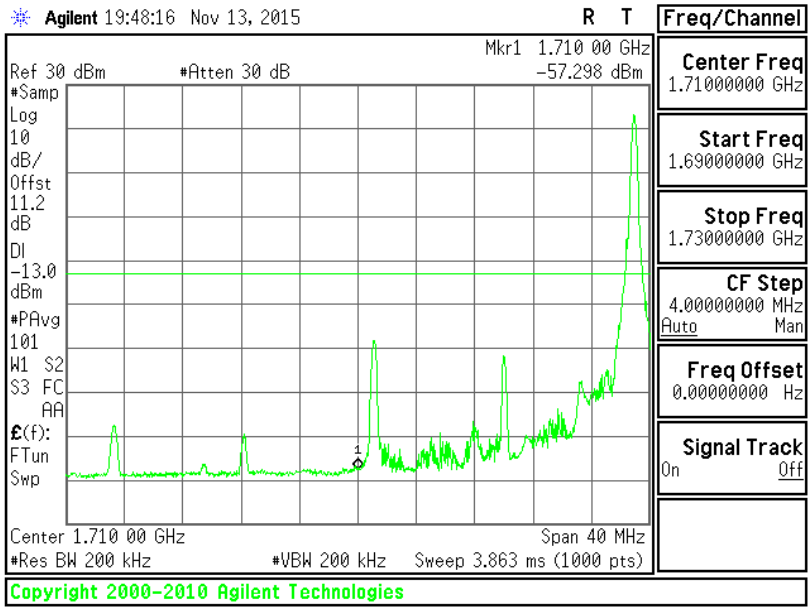
LOW CH, RB1-0



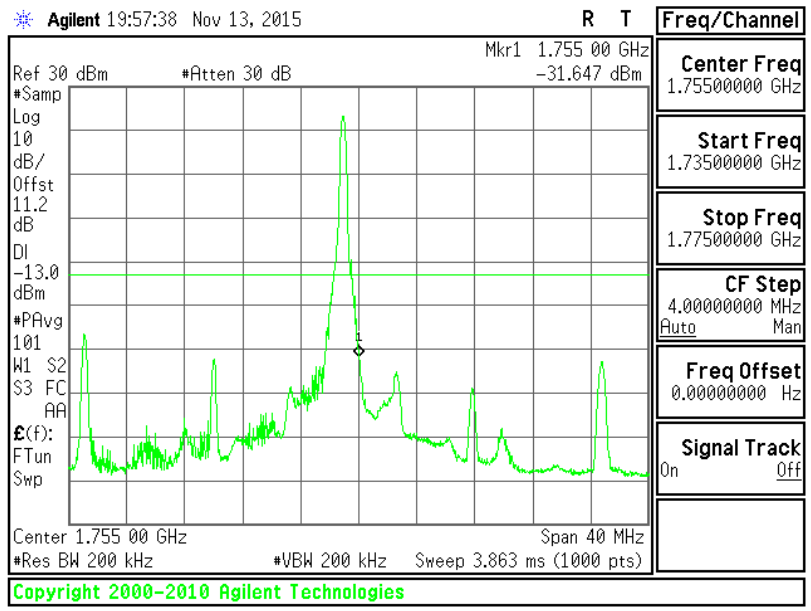
HIGH CH, RB1-0



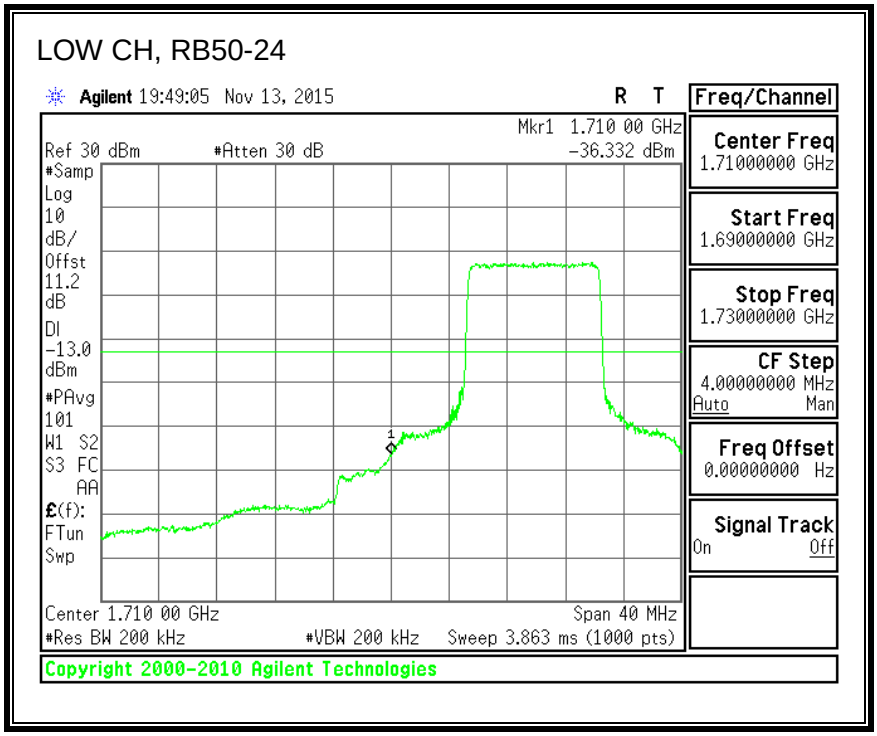
LOW CH, RB1-99



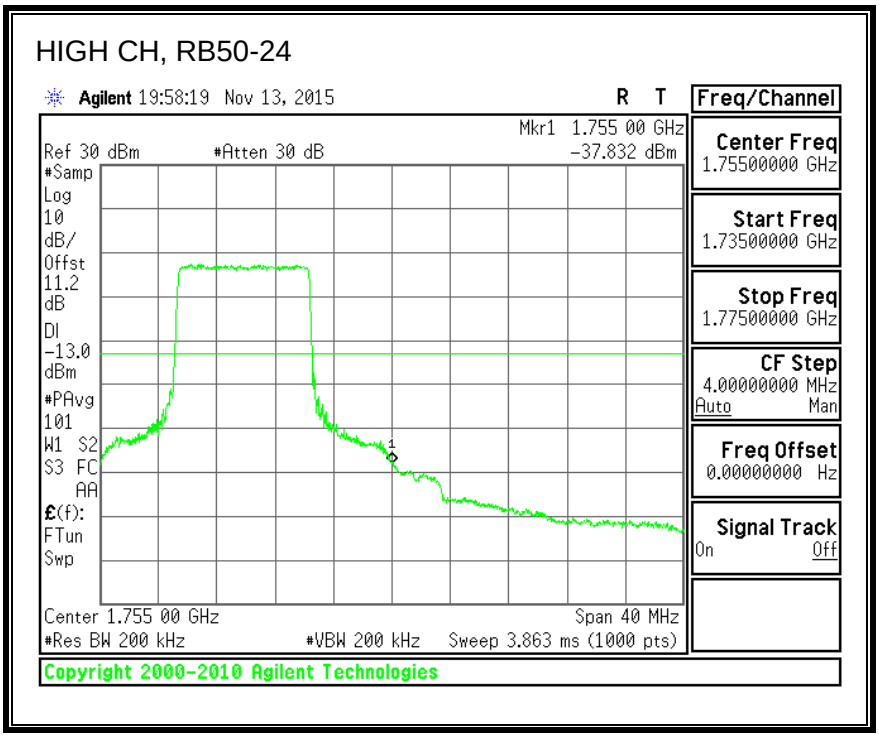
HIGH CH, RB1-99



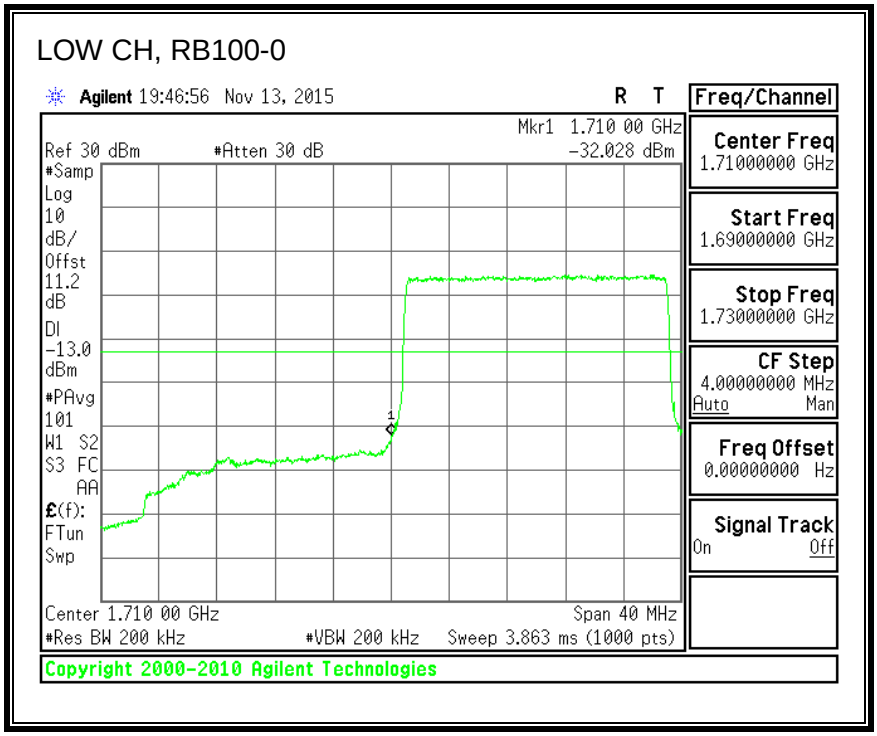
LOW CH, RB50-24



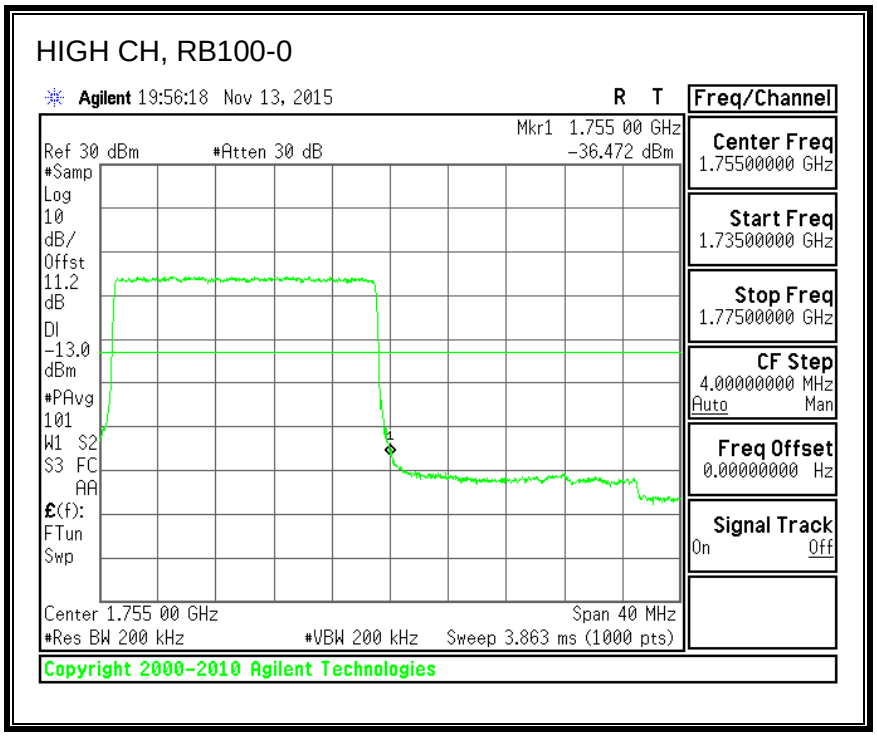
HIGH CH, RB50-24



LOW CH, RB100-0

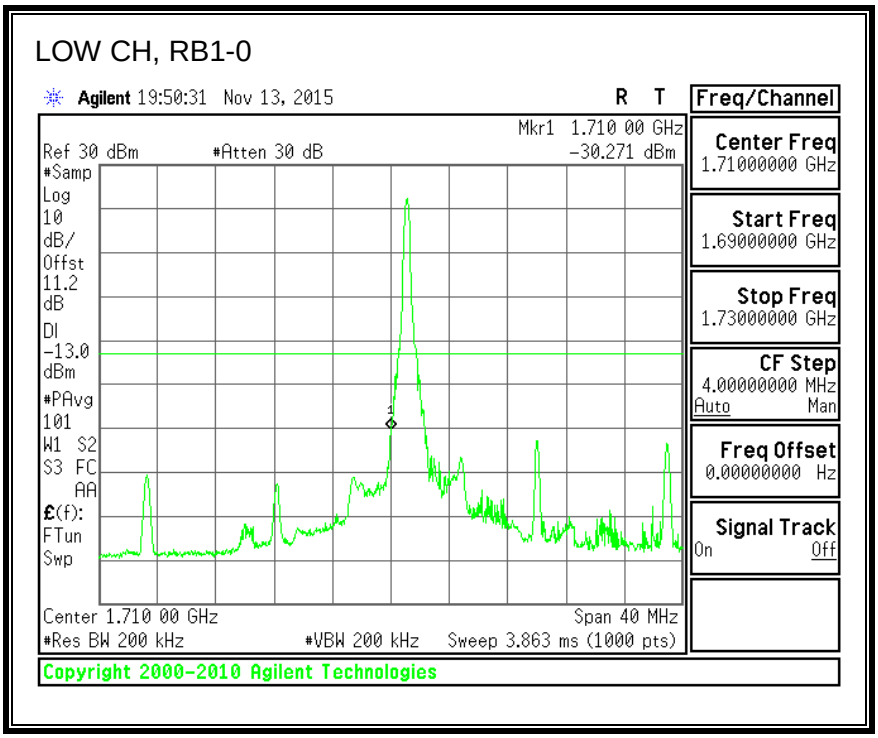


HIGH CH, RB100-0

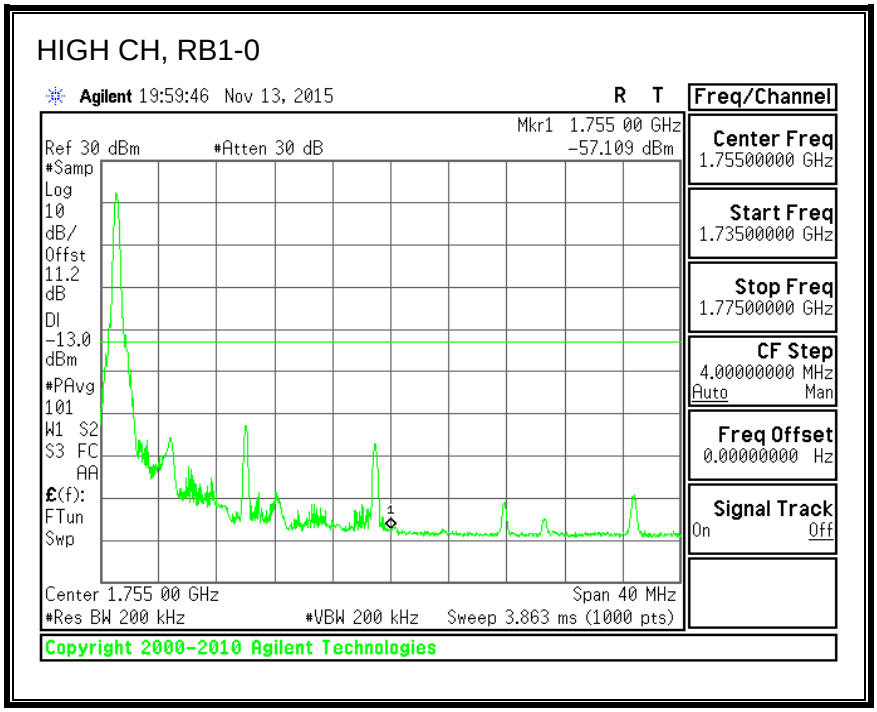


16QAM, (20.0 MHz BAND WIDTH)

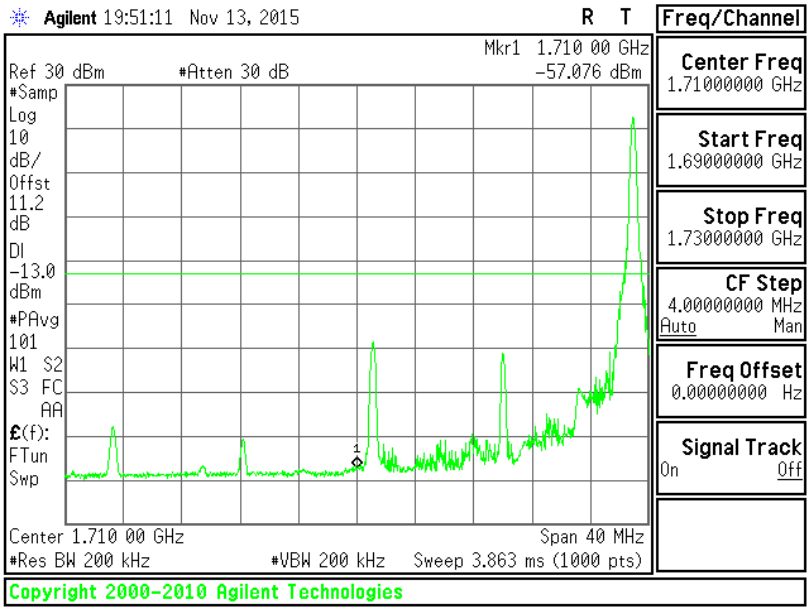
LOW CH, RB1-0



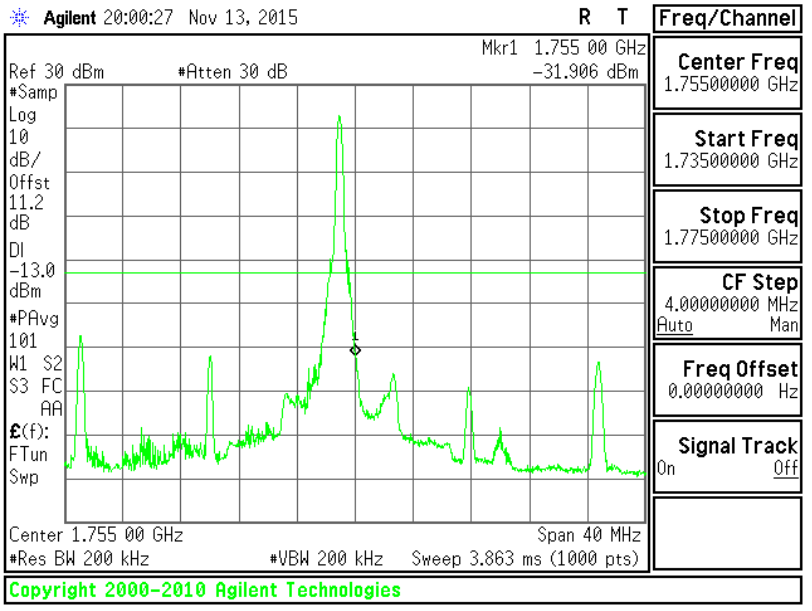
HIGH CH, RB1-0



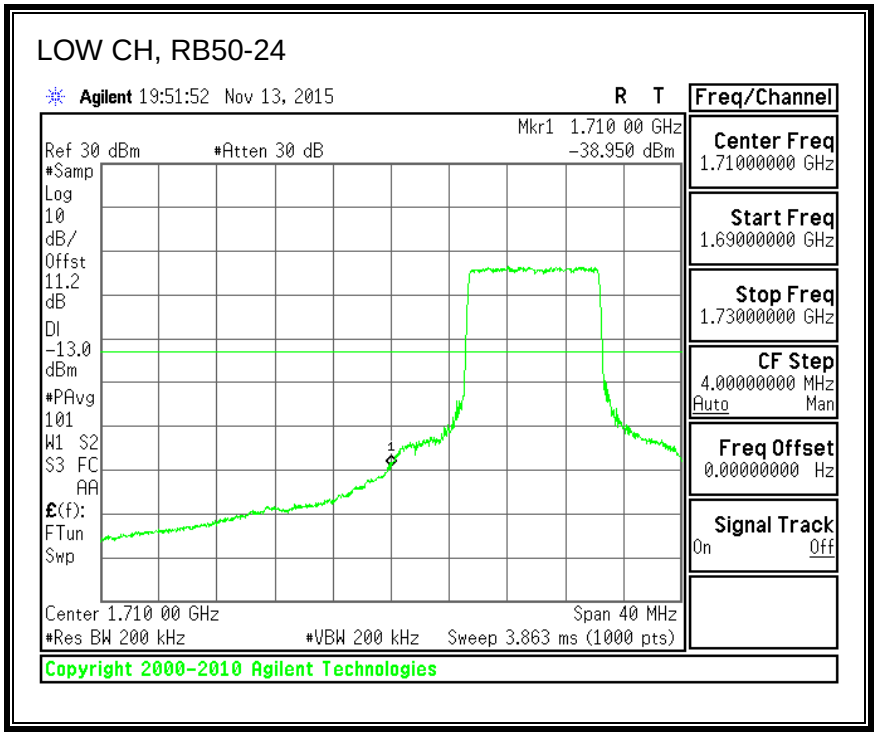
LOW CH, RB1-99



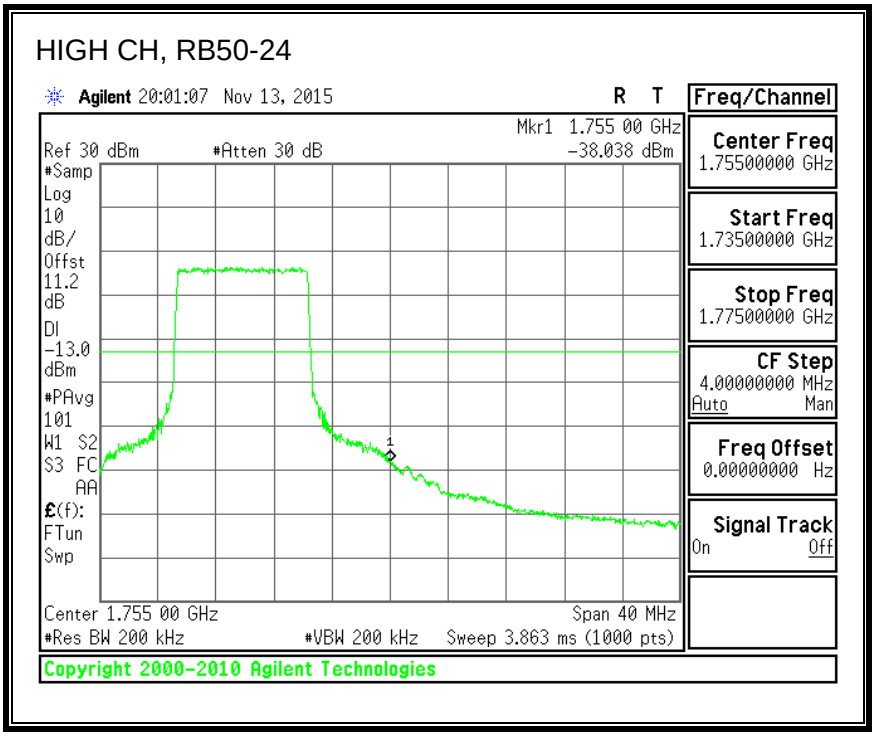
HIGH CH, RB1-99



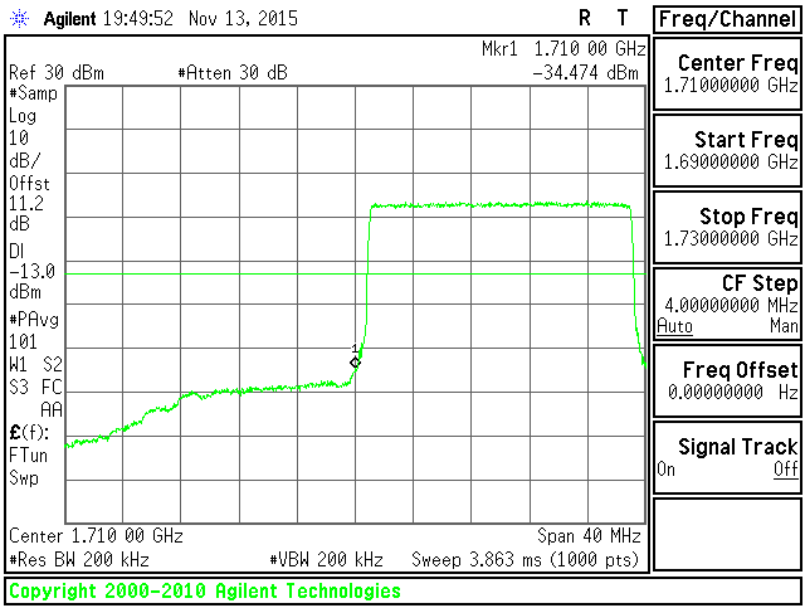
LOW CH, RB50-24



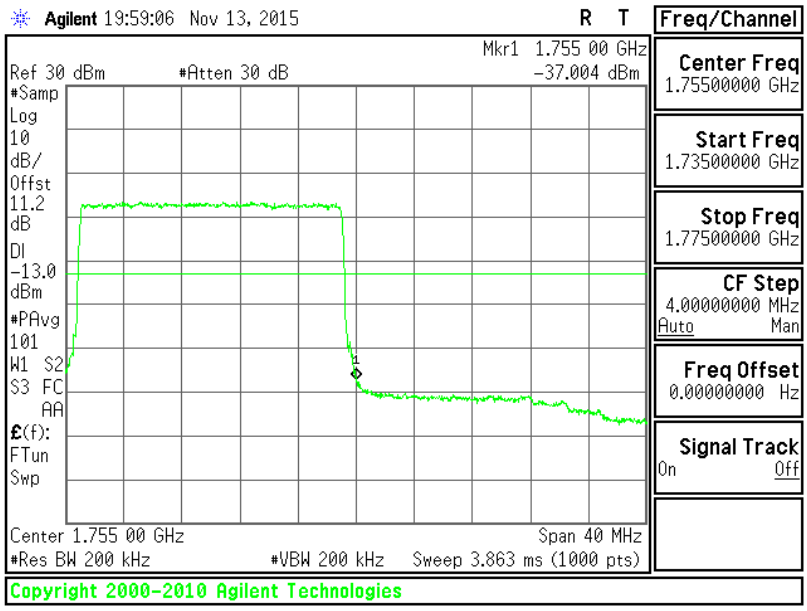
HIGH CH, RB50-24



LOW CH, RB100-0



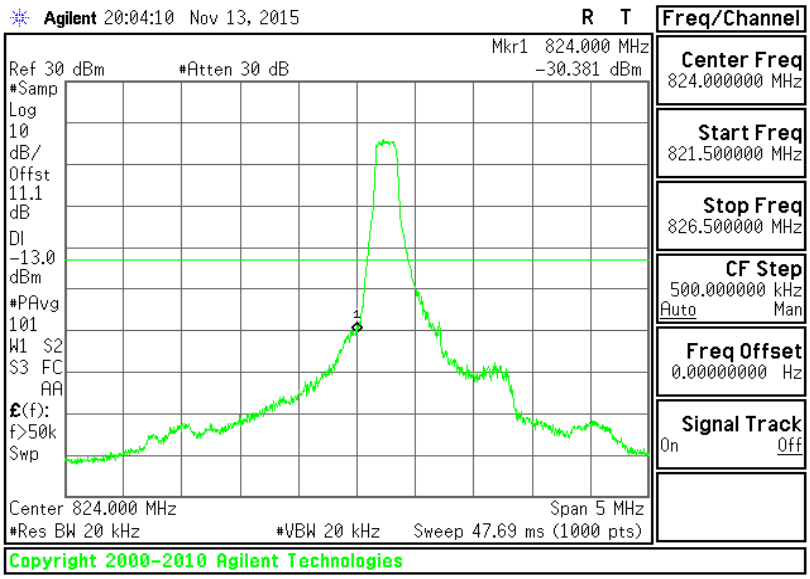
HIGH CH, RB100-0



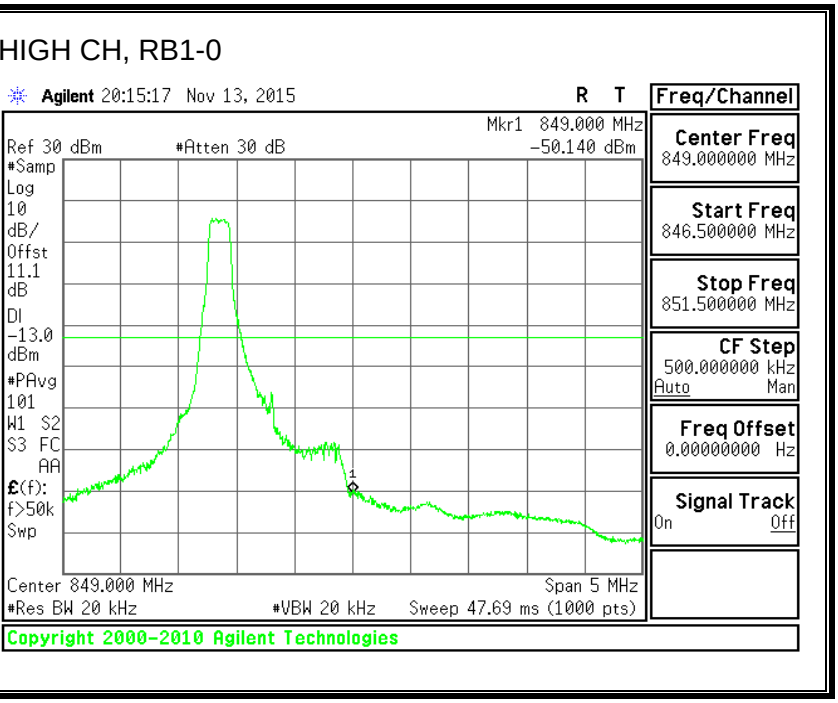
8.2.3. LTE BAND 5 BANDEDGE

QPSK, (1.4 MHz BAND WIDTH)

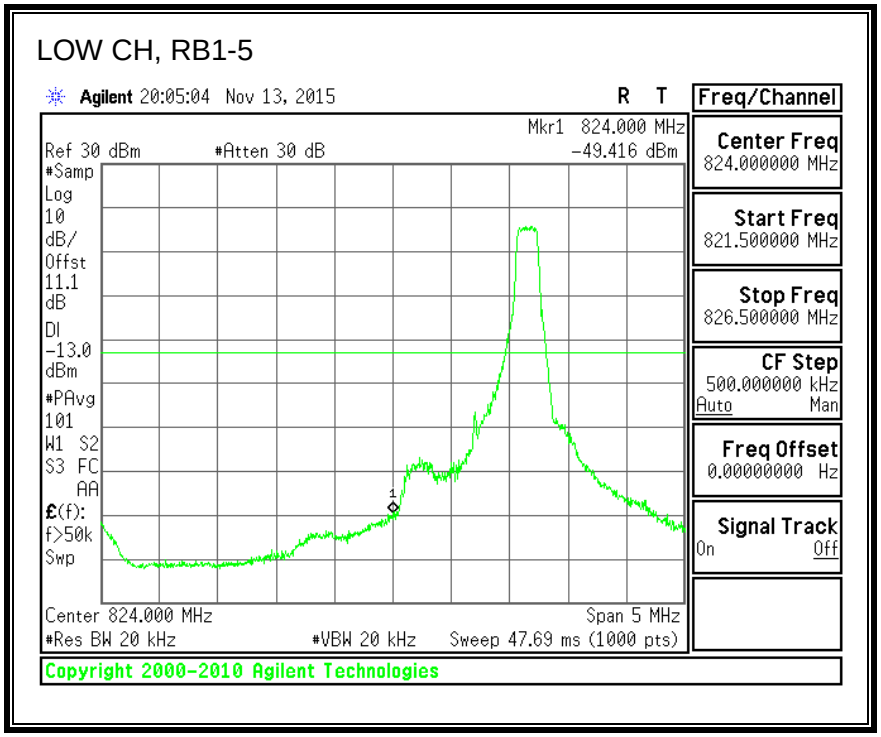
LOW CH, RB1-0



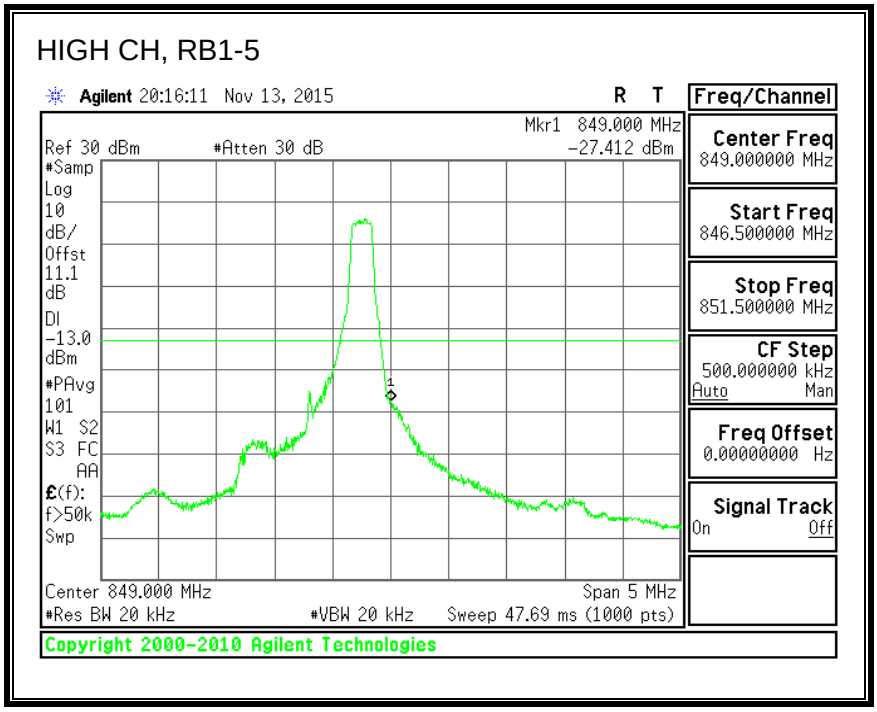
HIGH CH, RB1-0



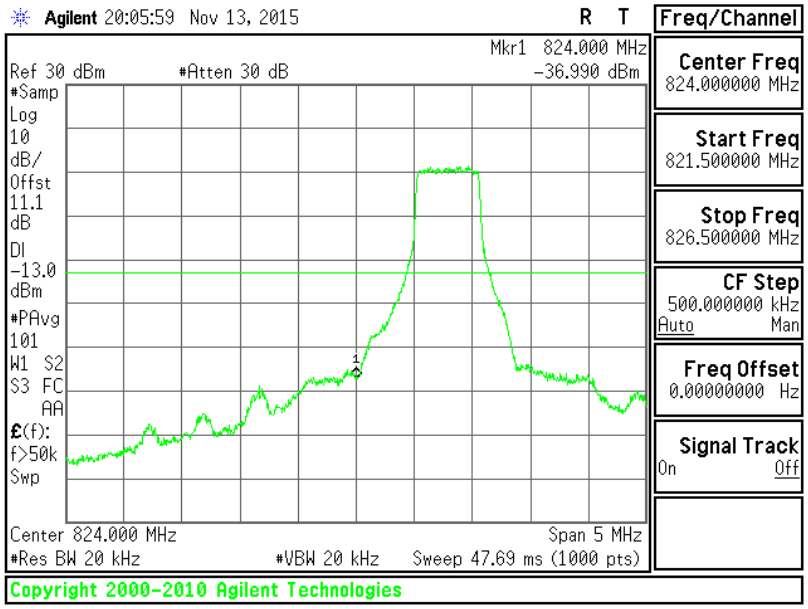
LOW CH, RB1-5



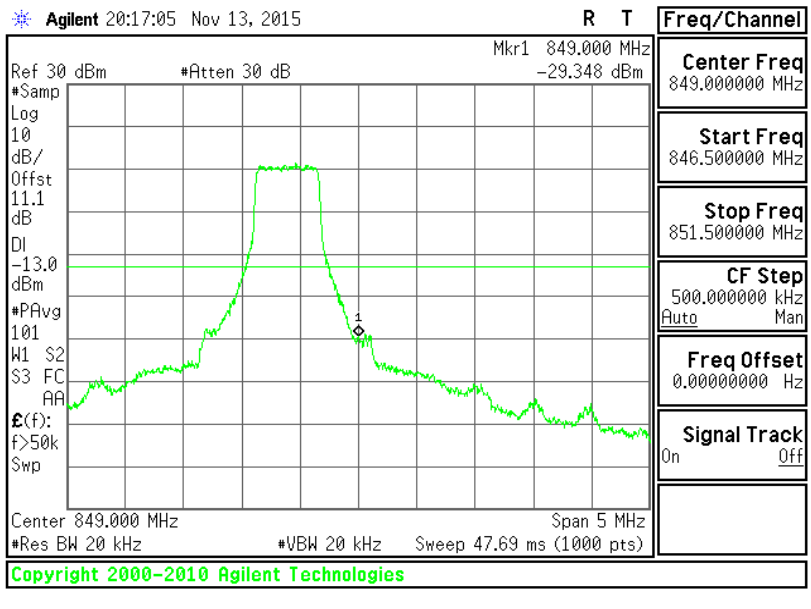
HIGH CH, RB1-5



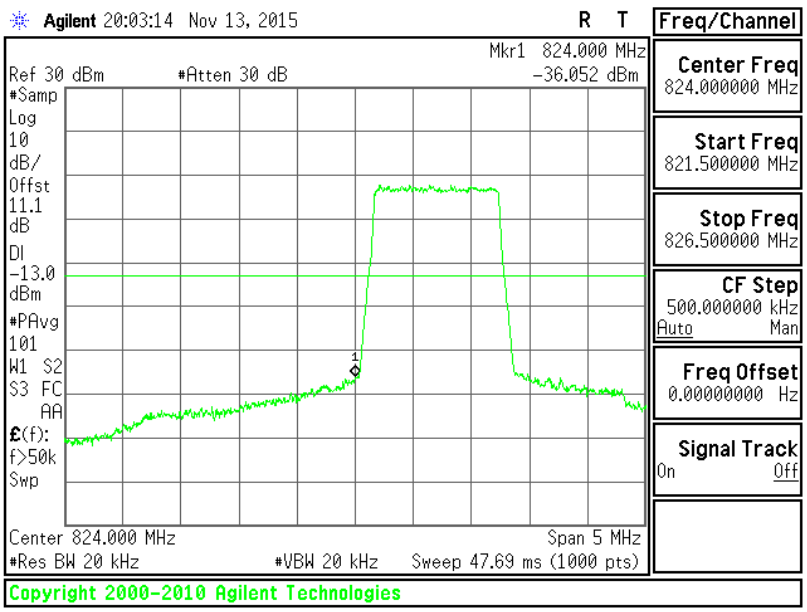
LOW CH, RB3-2



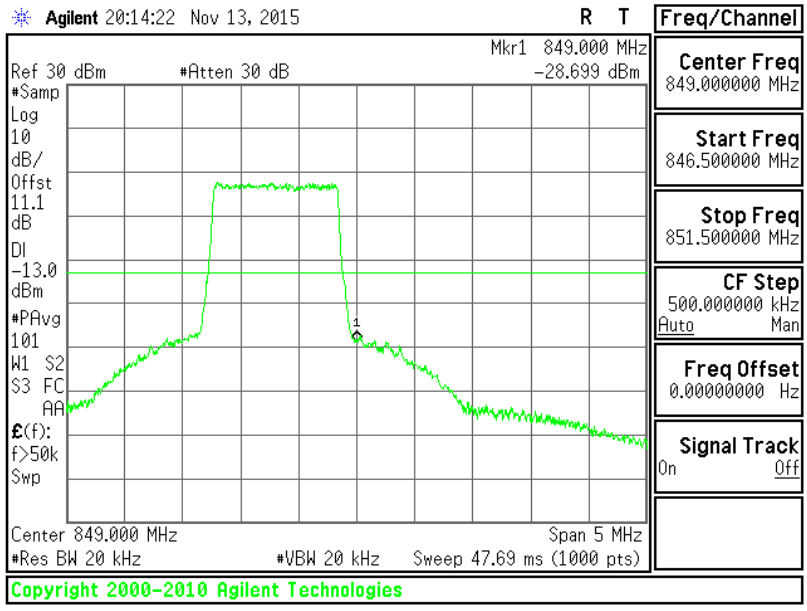
HIGH CH, RB3-2



LOW CH, RB6-0

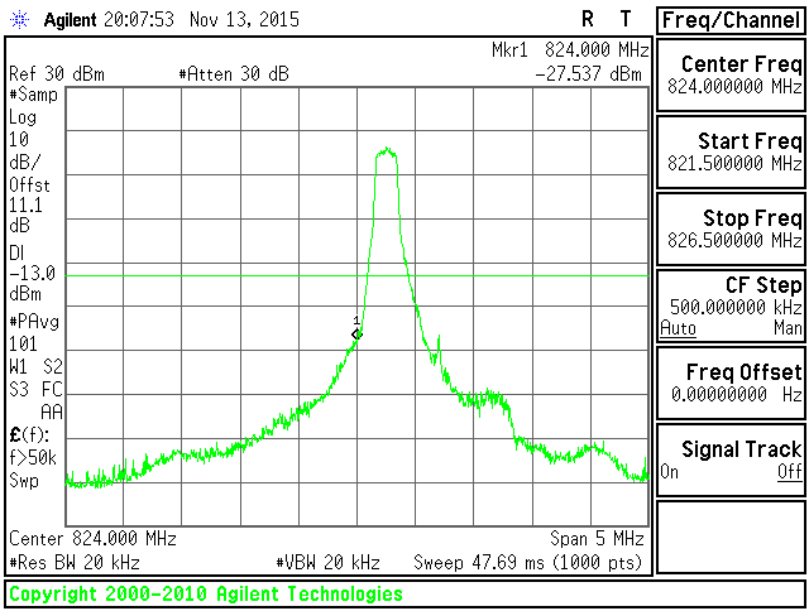


HIGH CH, RB6-0

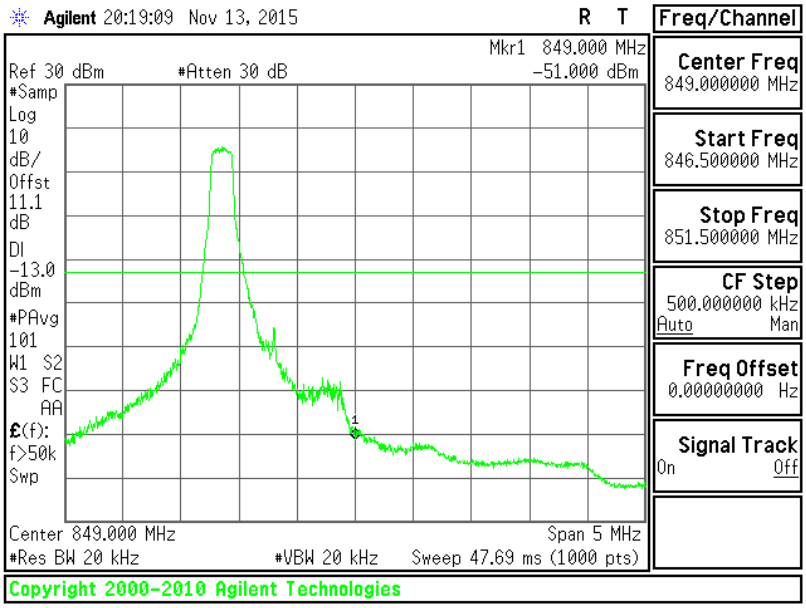


16QAM, (1.4 MHz BAND WIDTH)

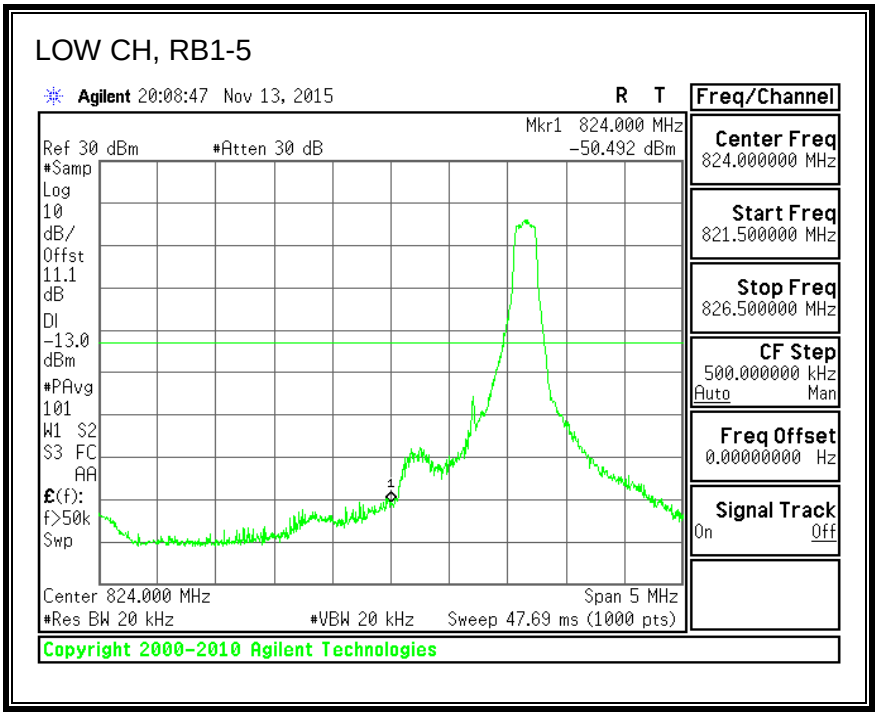
LOW CH, RB1-0



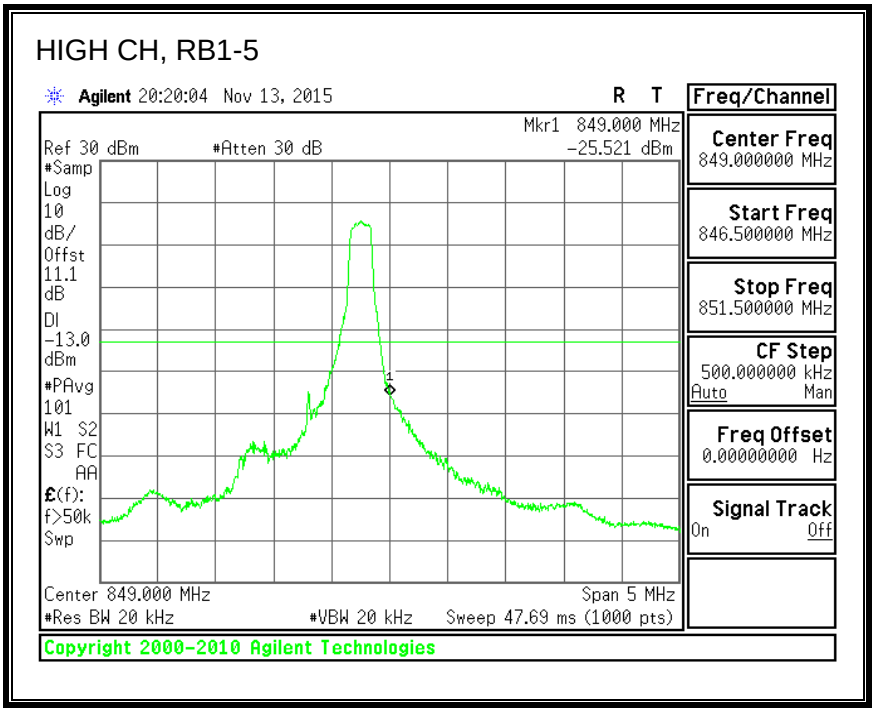
HIGH CH, RB1-0



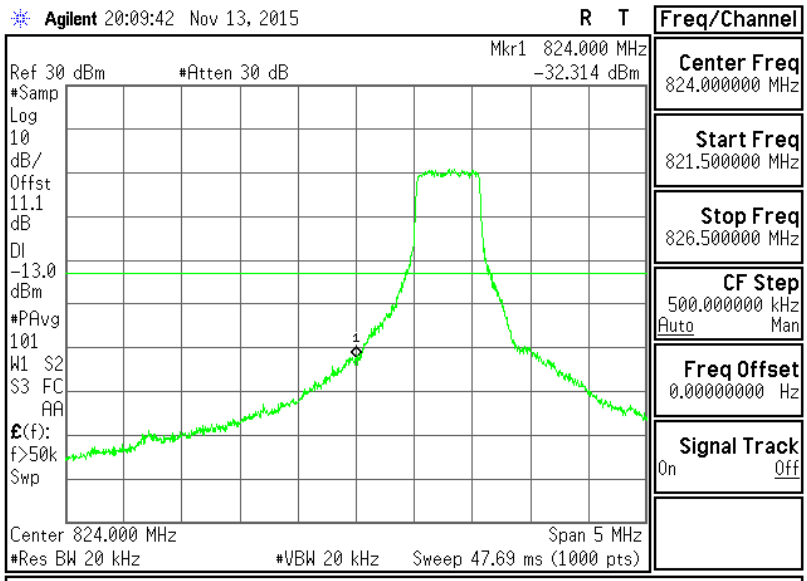
LOW CH, RB1-5



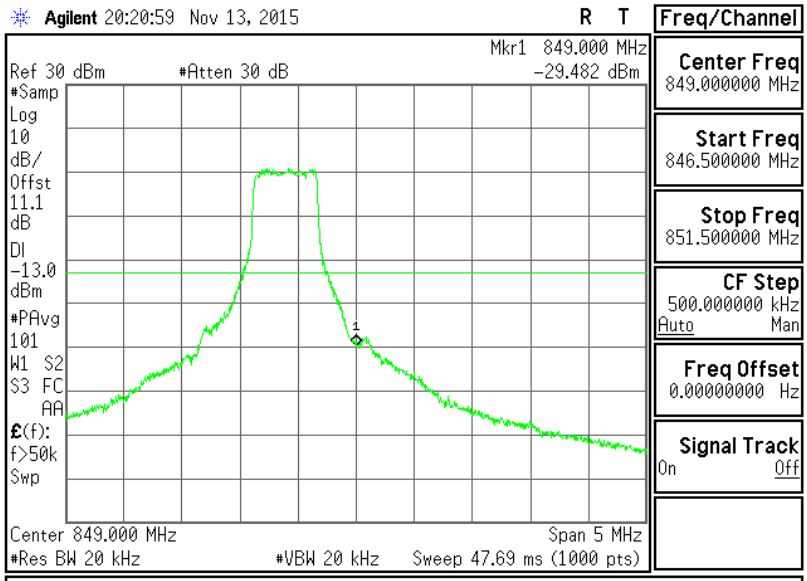
HIGH CH, RB1-5



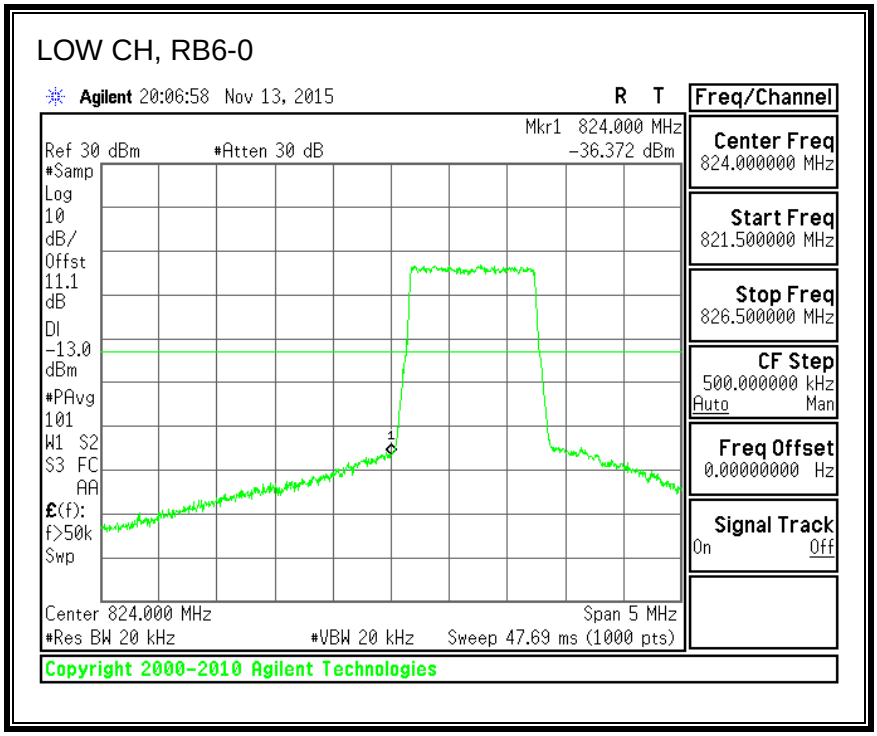
LOW CH, RB3-2



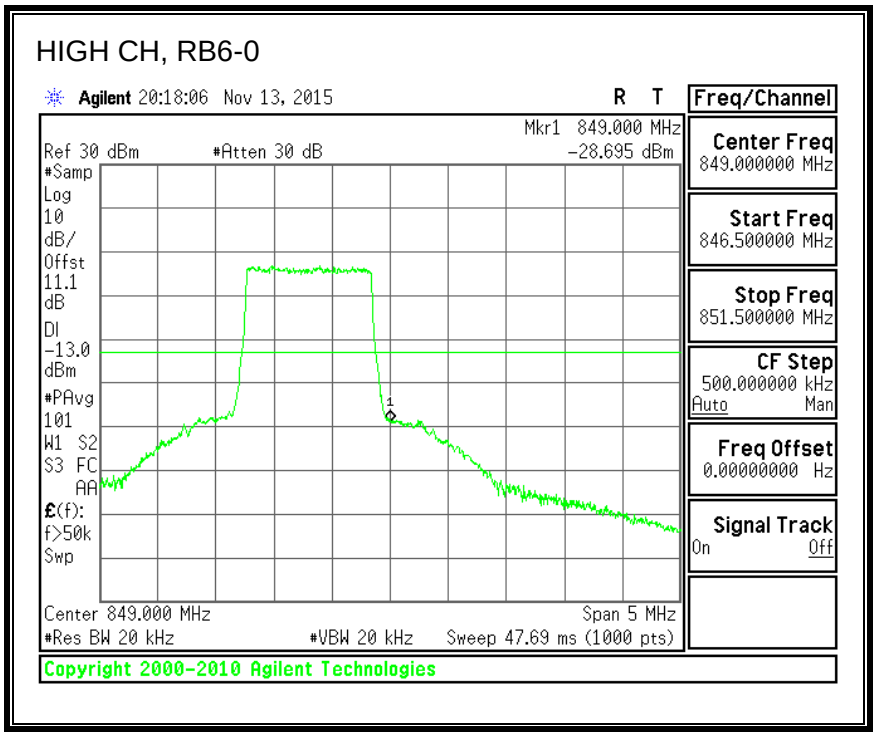
HIGH CH, RB3-2



LOW CH, RB6-0

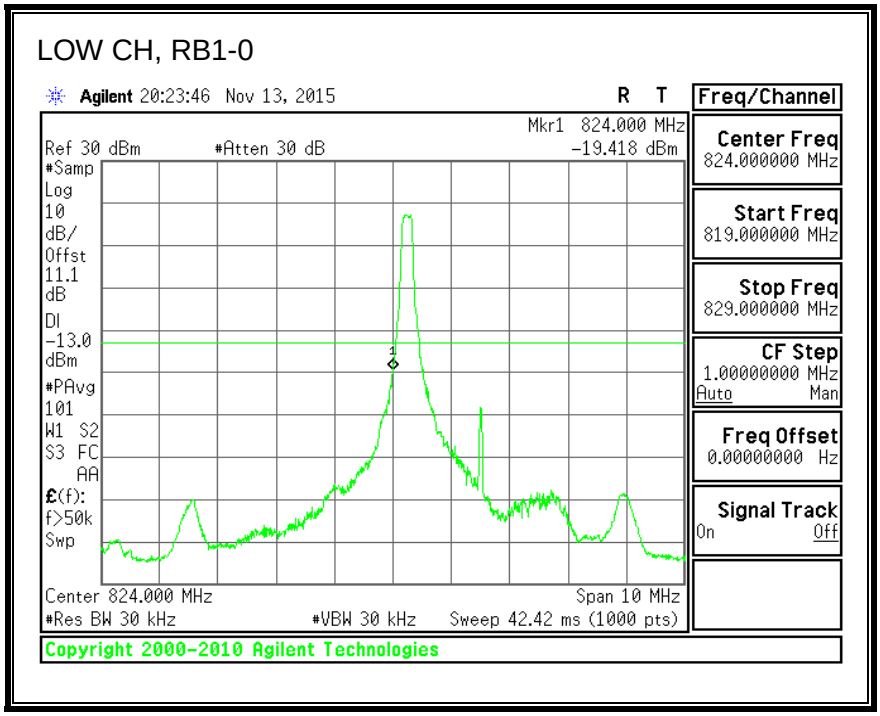


HIGH CH, RB6-0

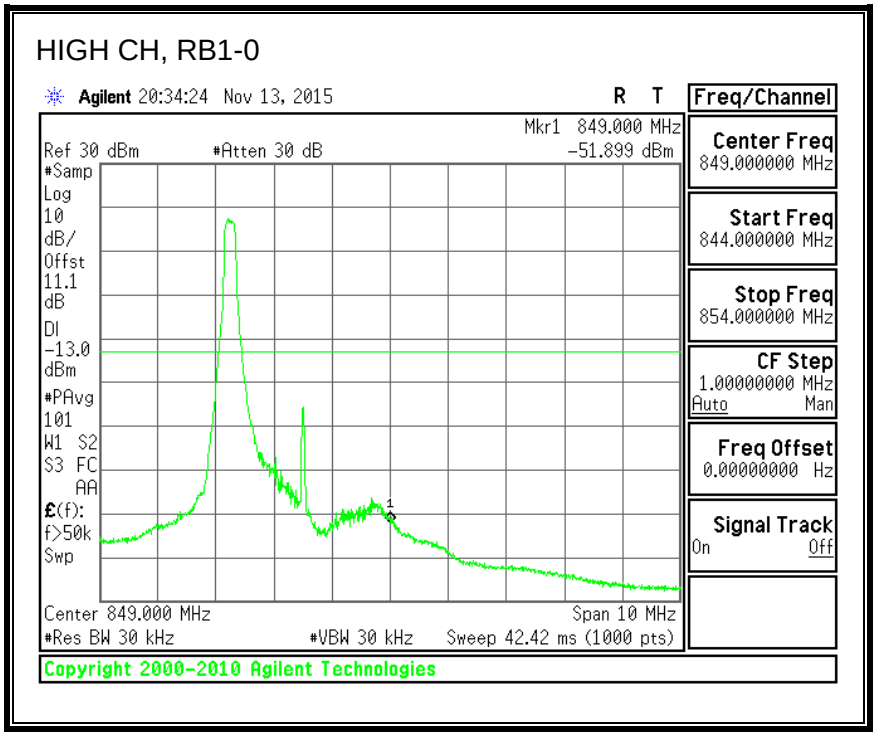


QPSK, (3.0 MHz BAND WIDTH)

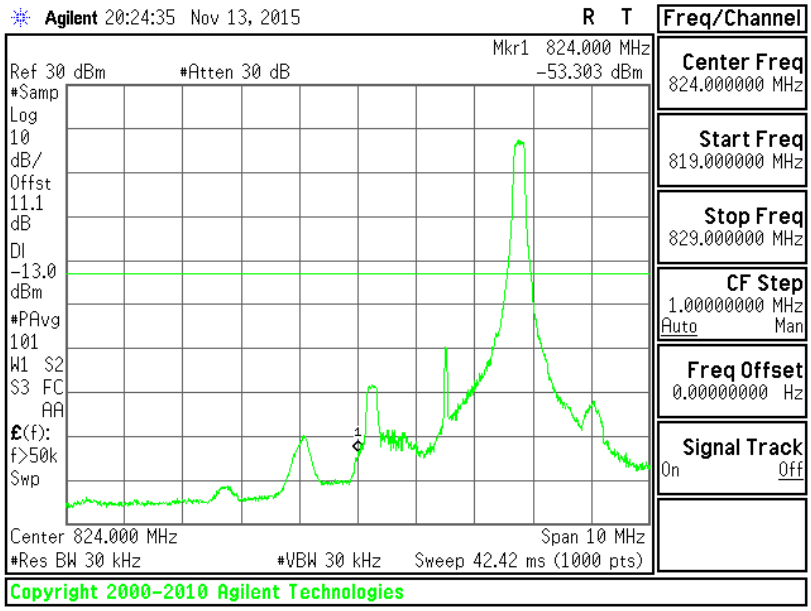
LOW CH, RB1-0



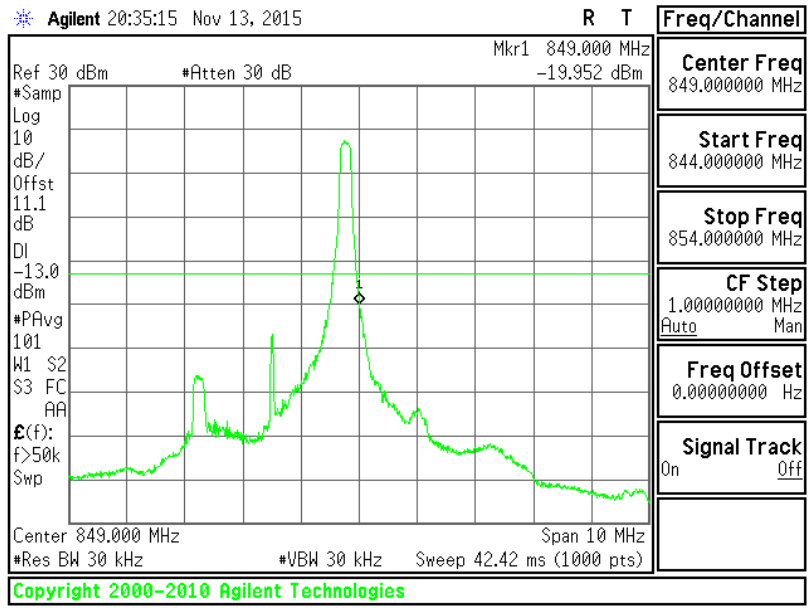
HIGH CH, RB1-0



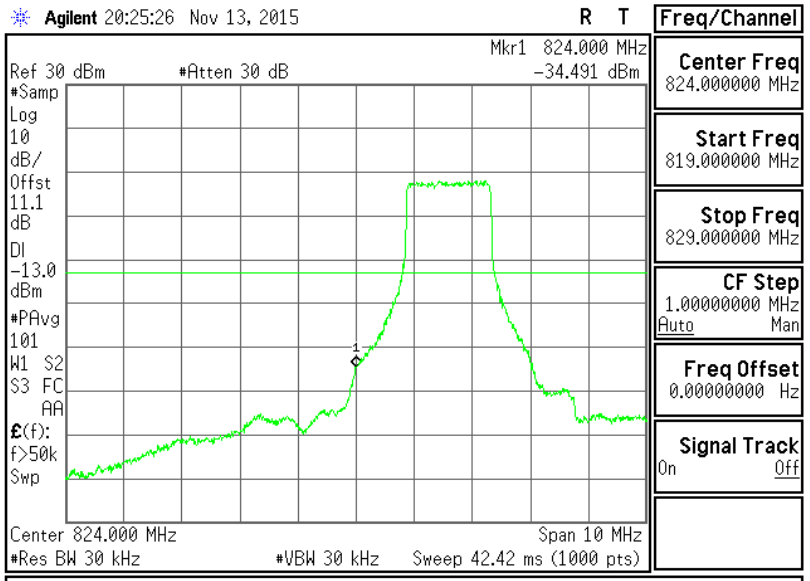
LOW CH, RB1-14



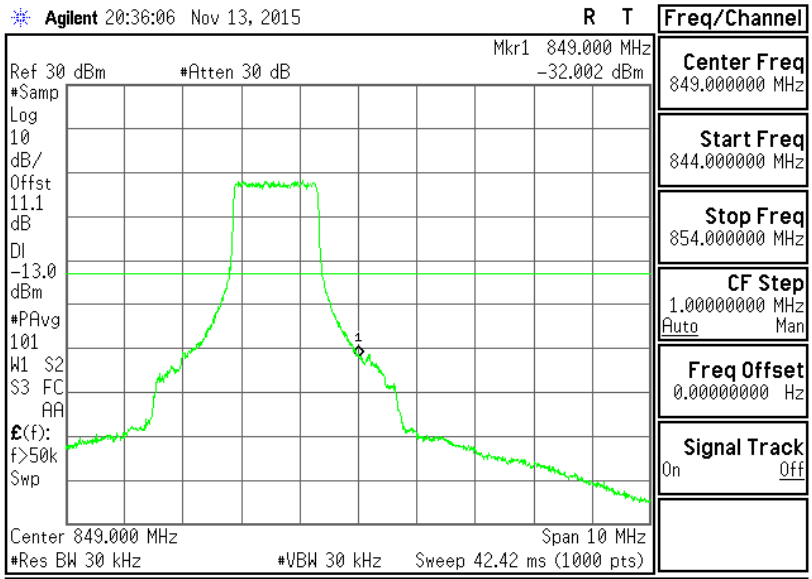
HIGH CH, RB1-14



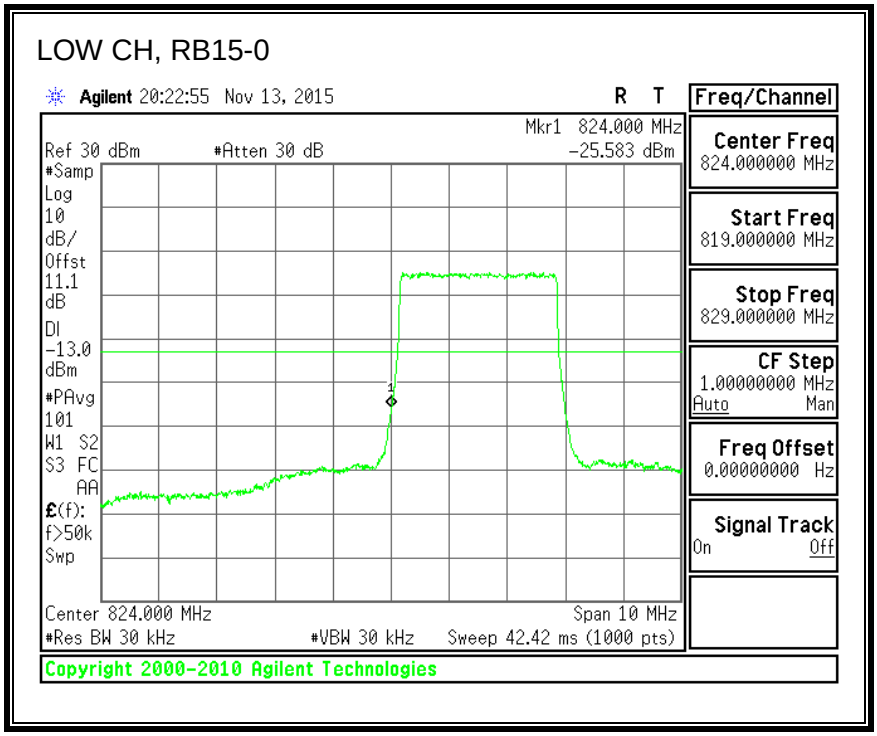
LOW CH, RB8-4



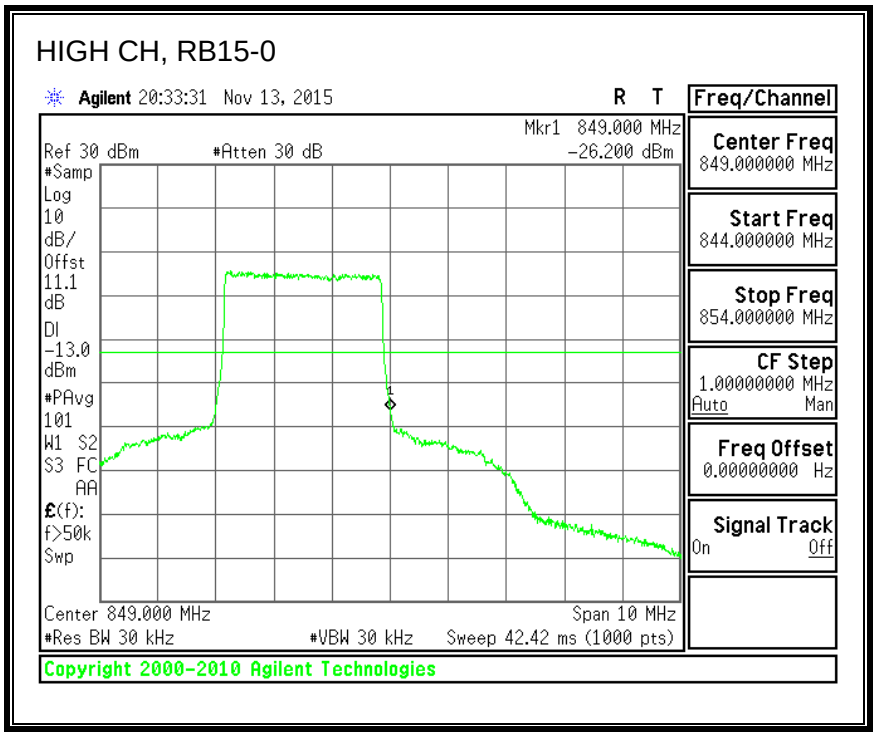
HIGH CH, RB8-4



LOW CH, RB15-0

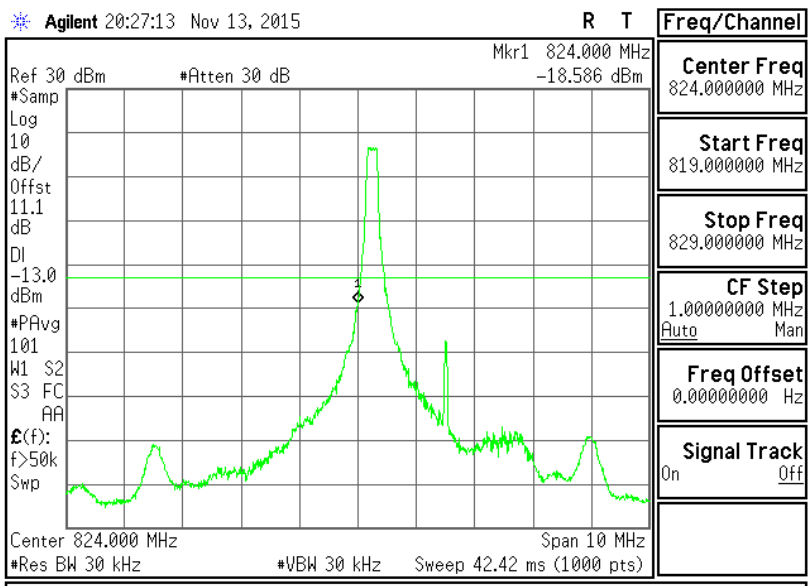


HIGH CH, RB15-0

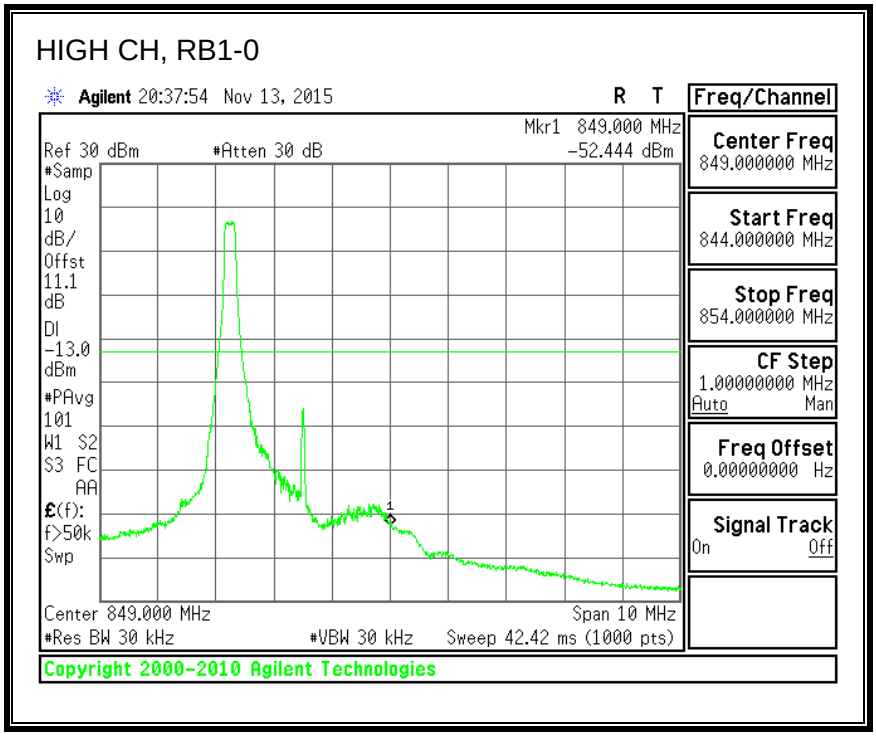


16QAM, (3.0 MHz BAND WIDTH)

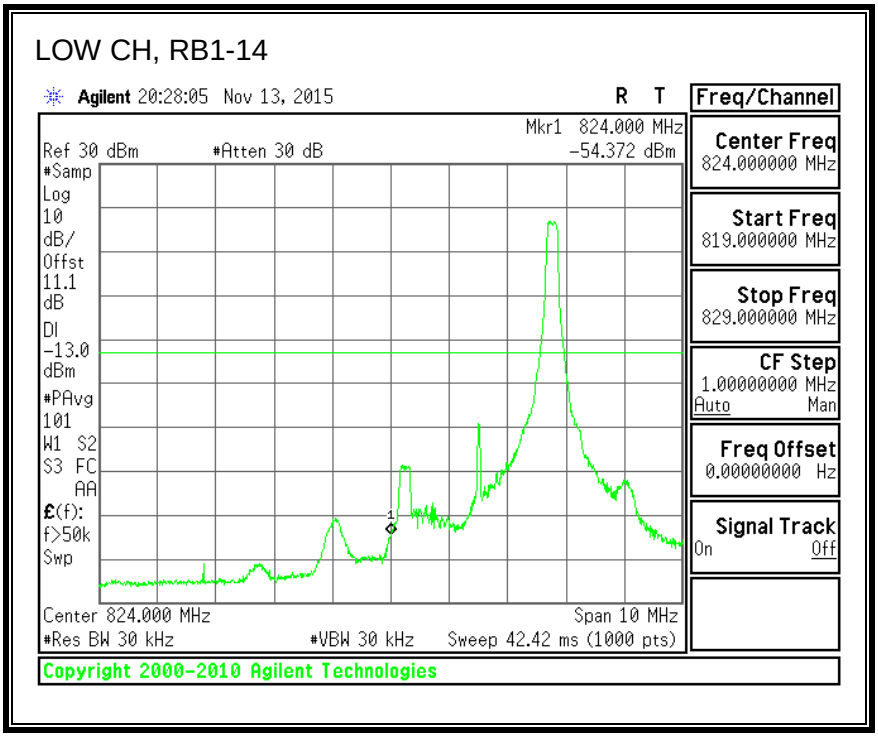
LOW CH, RB1-0



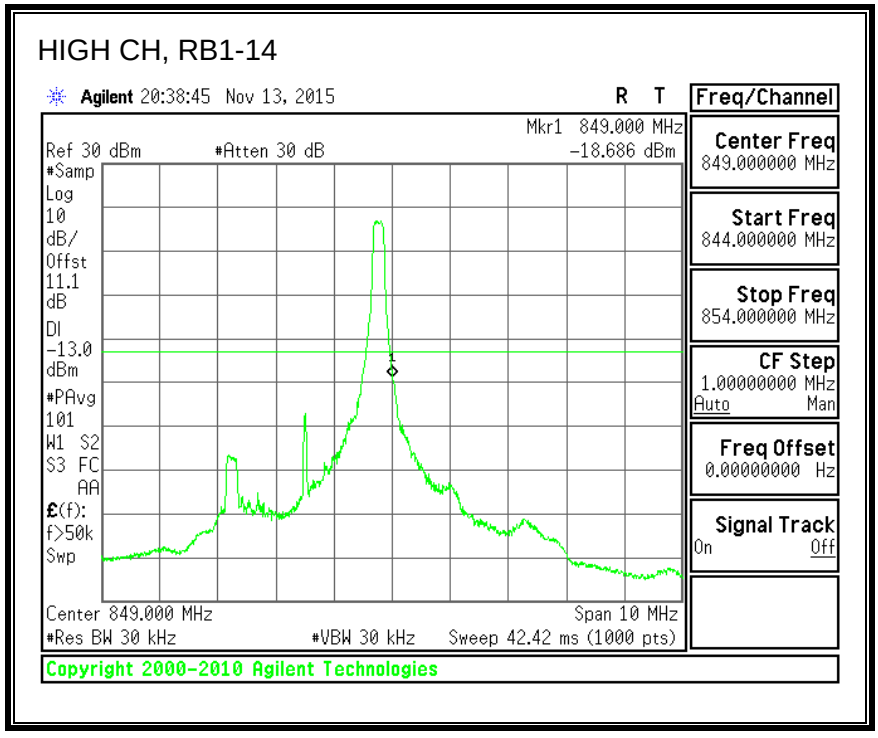
HIGH CH, RB1-0



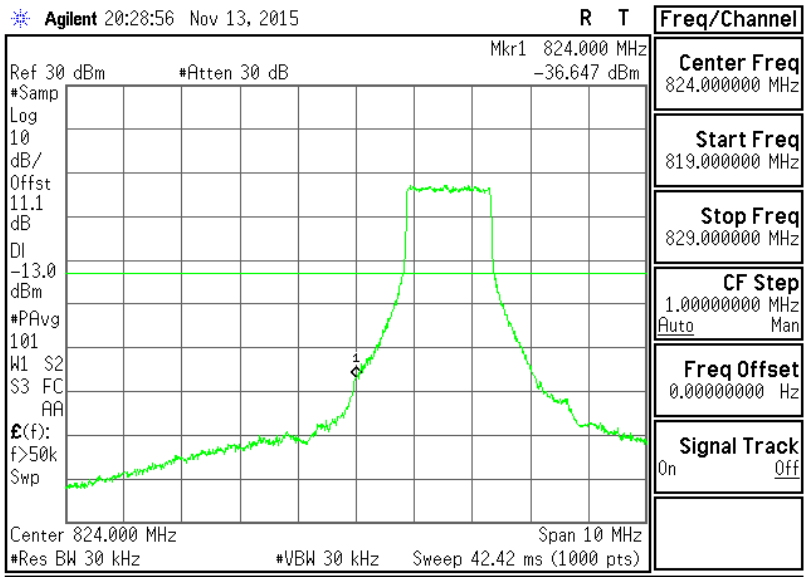
LOW CH, RB1-14



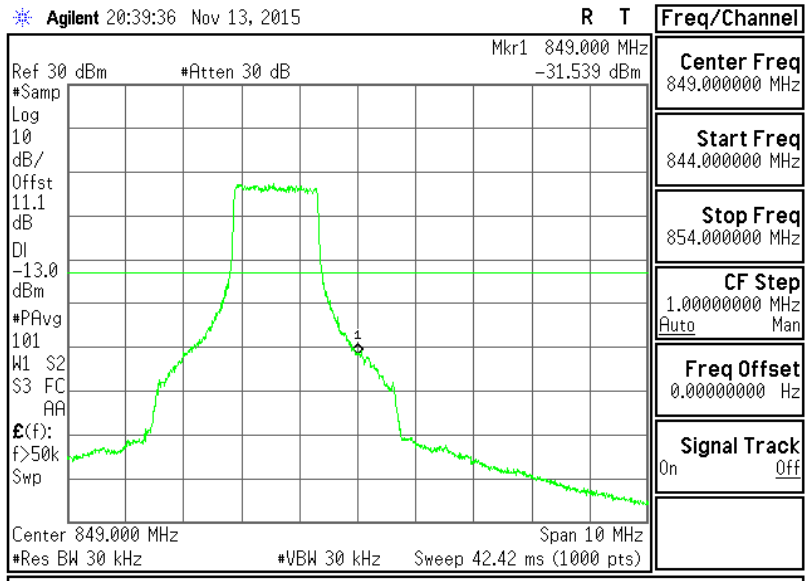
HIGH CH, RB1-14



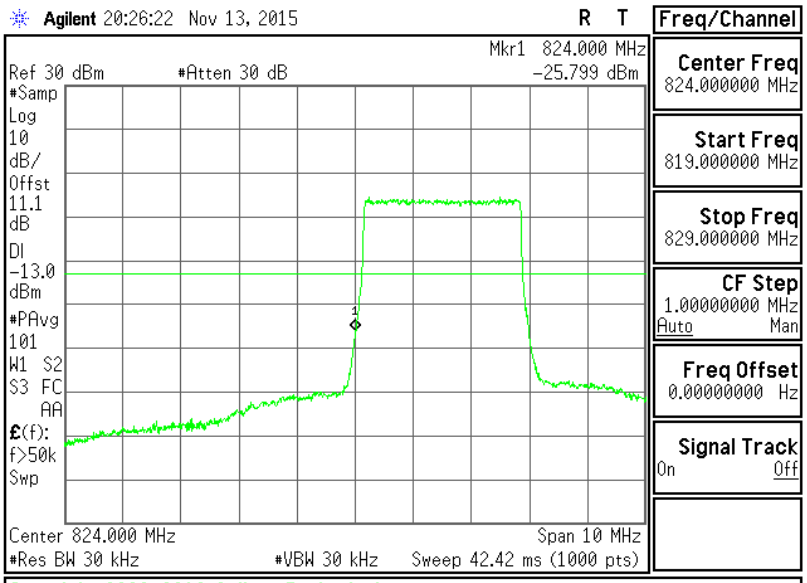
LOW CH, RB8-4



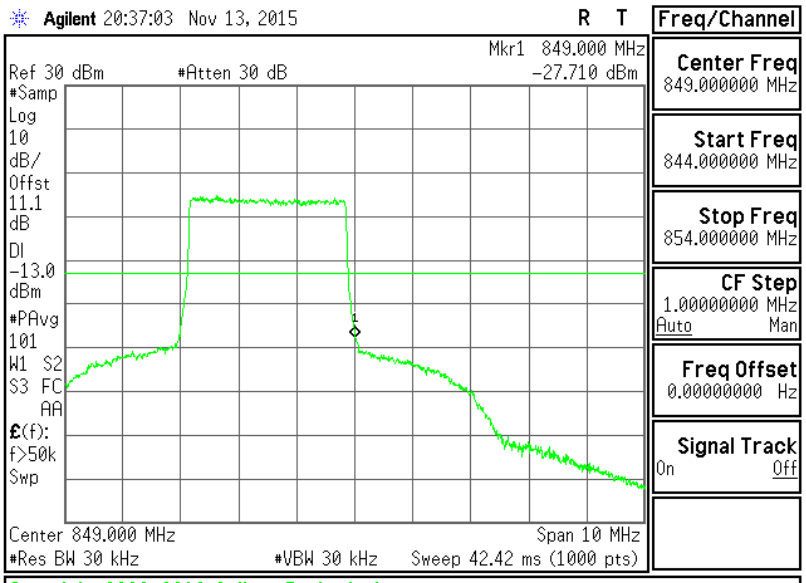
HIGH CH, RB8-4



LOW CH, RB15-0

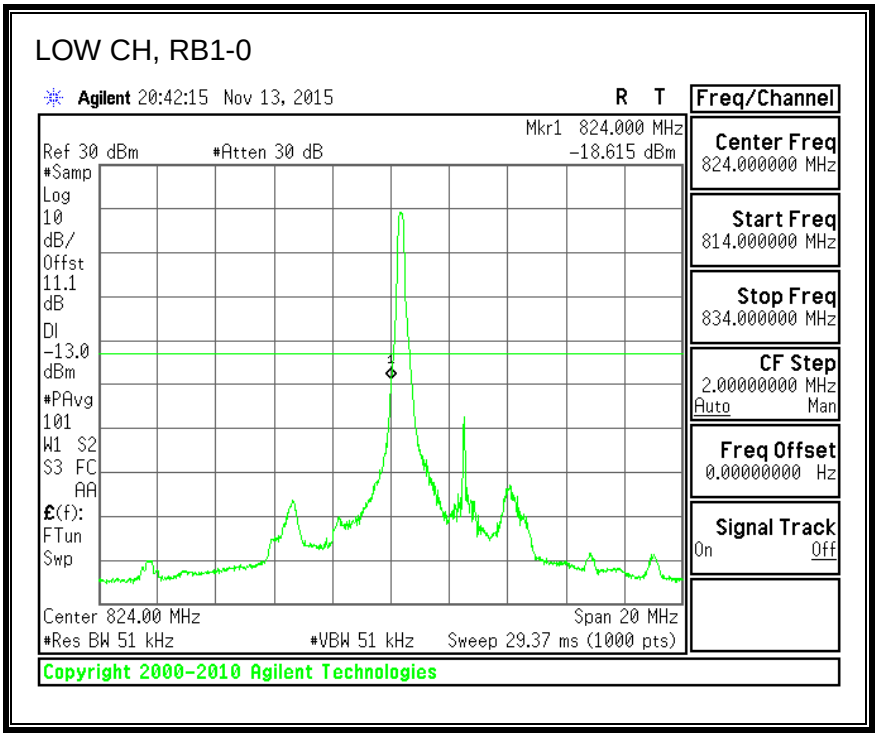


HIGH CH, RB15-0

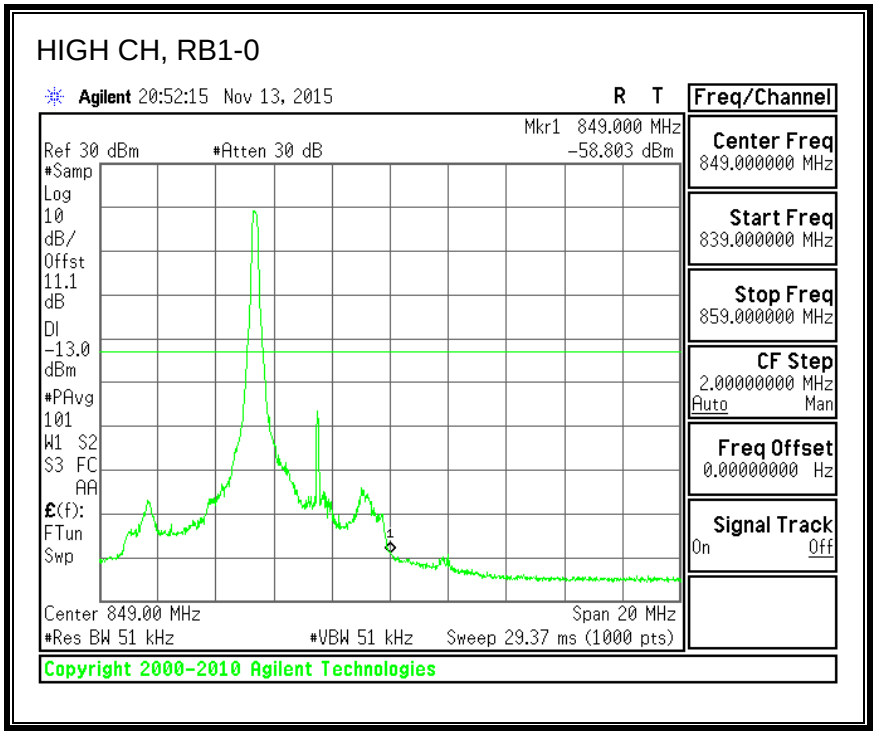


QPSK, (5.0 MHz BAND WIDTH)

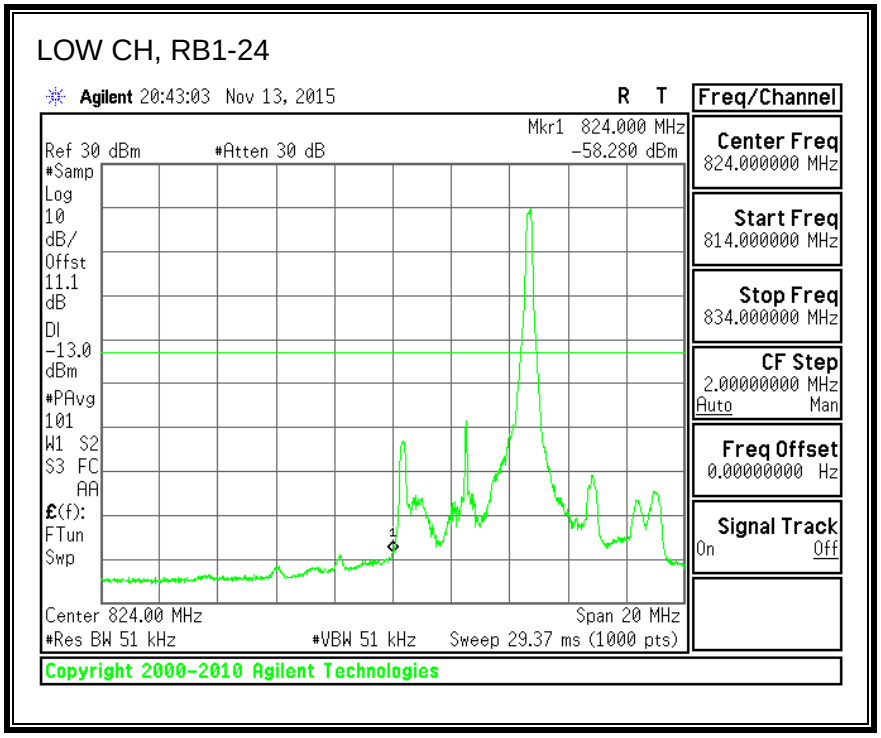
LOW CH, RB1-0



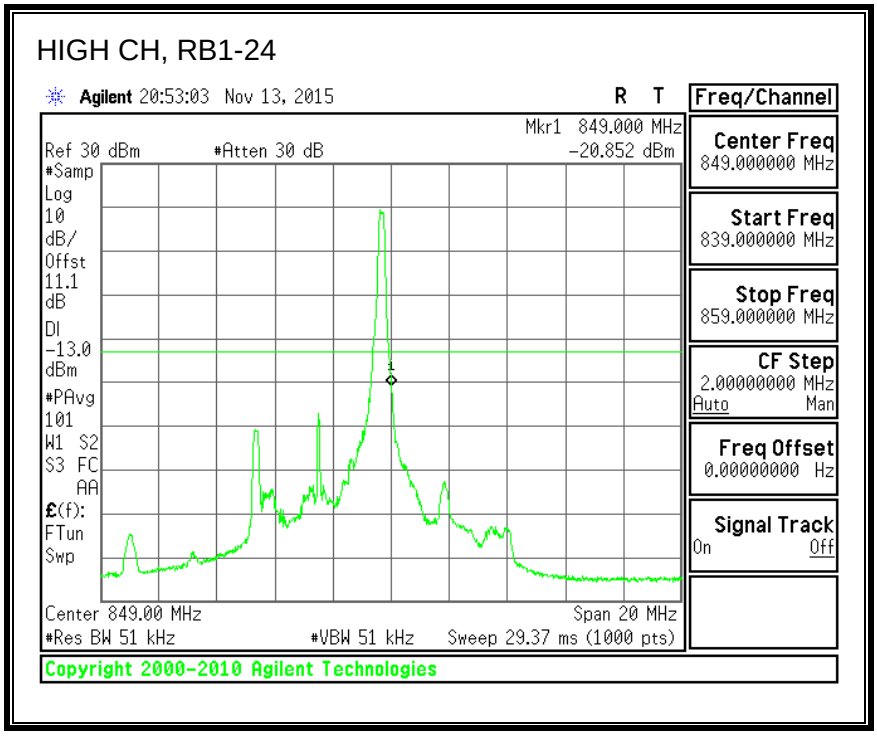
HIGH CH, RB1-0



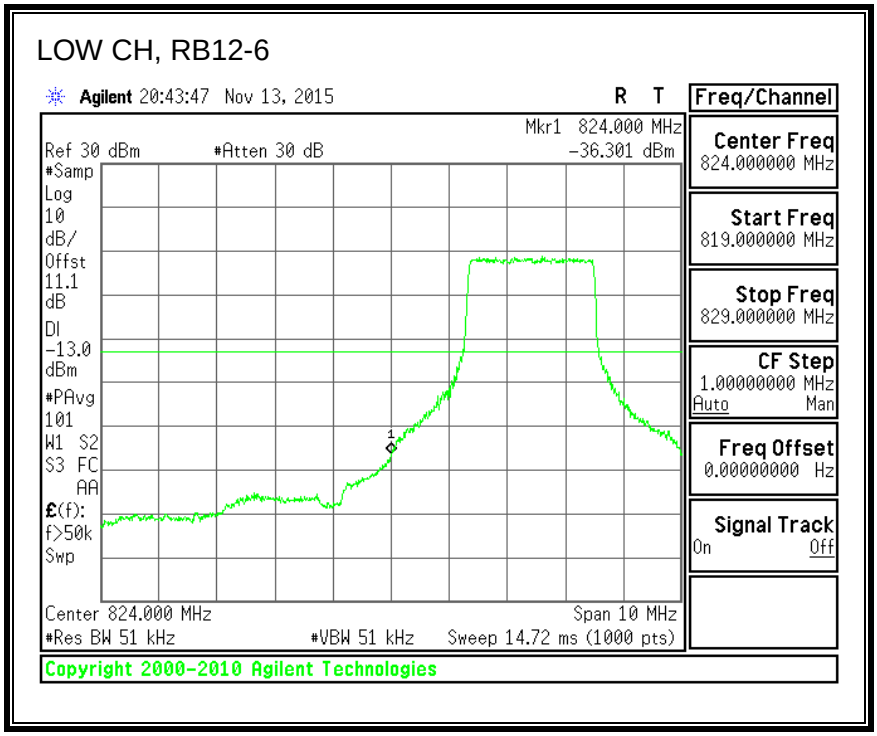
LOW CH, RB1-24



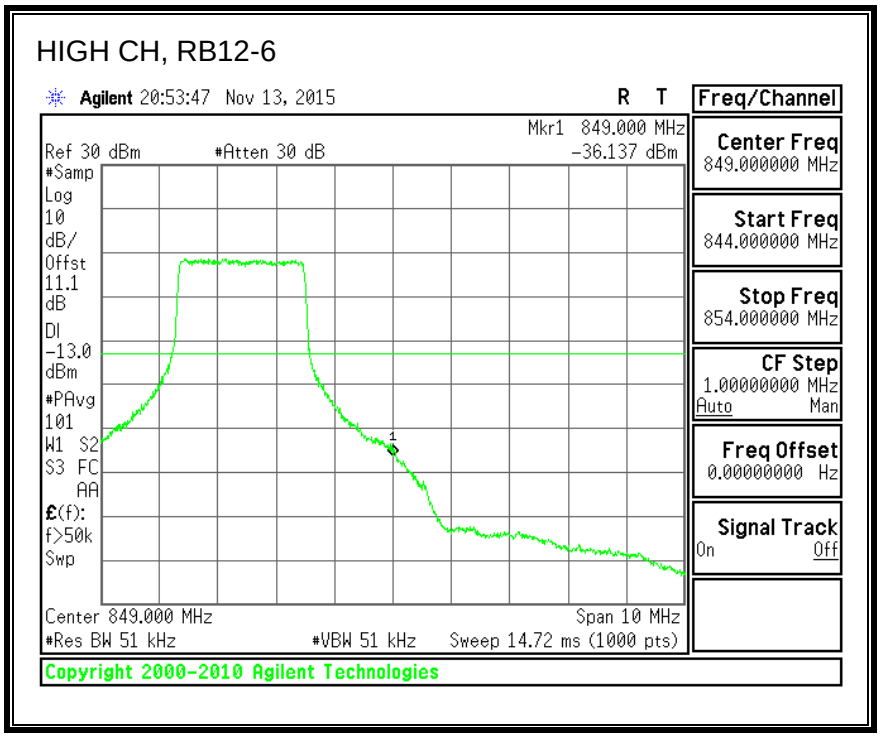
HIGH CH, RB1-24



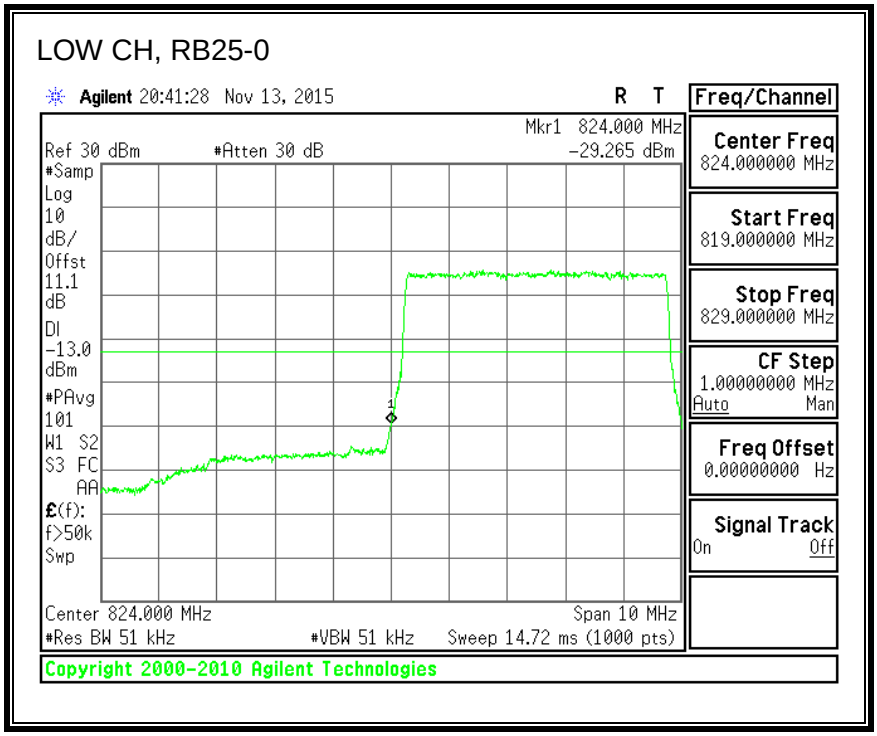
LOW CH, RB12-6



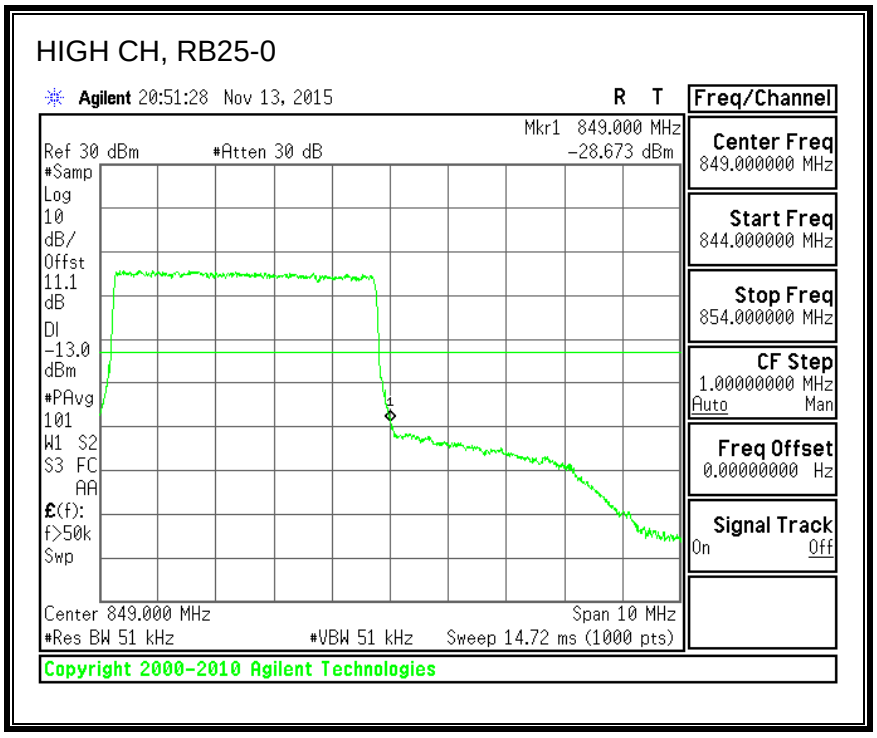
HIGH CH, RB12-6



LOW CH, RB25-0

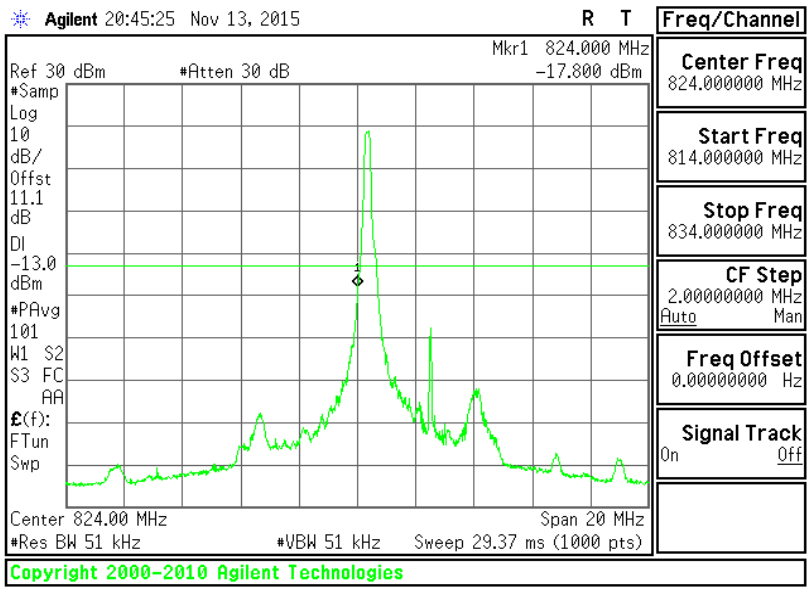


HIGH CH, RB25-0

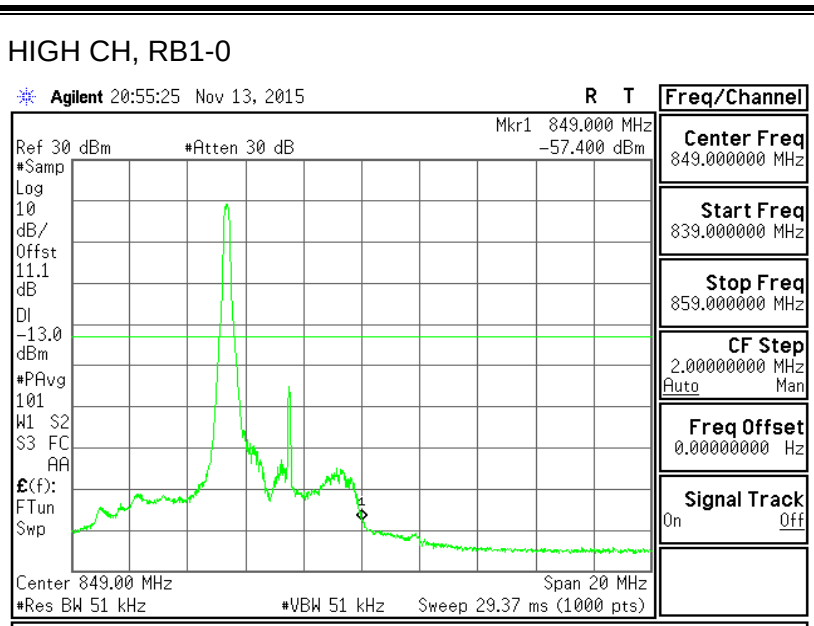


16QAM, (5.0 MHz BAND WIDTH)

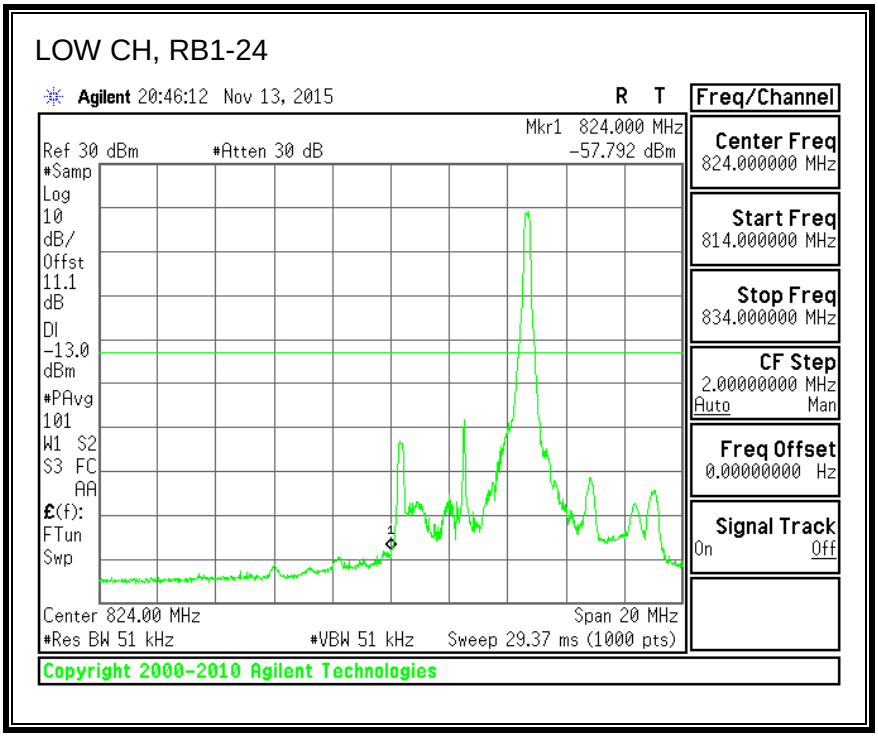
LOW CH, RB1-0



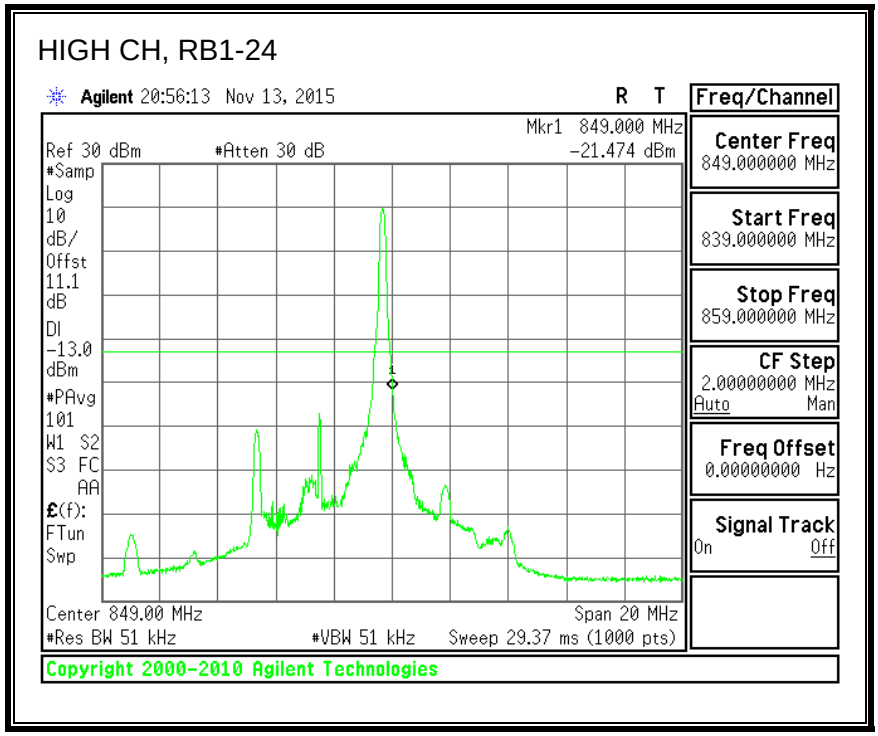
HIGH CH, RB1-0



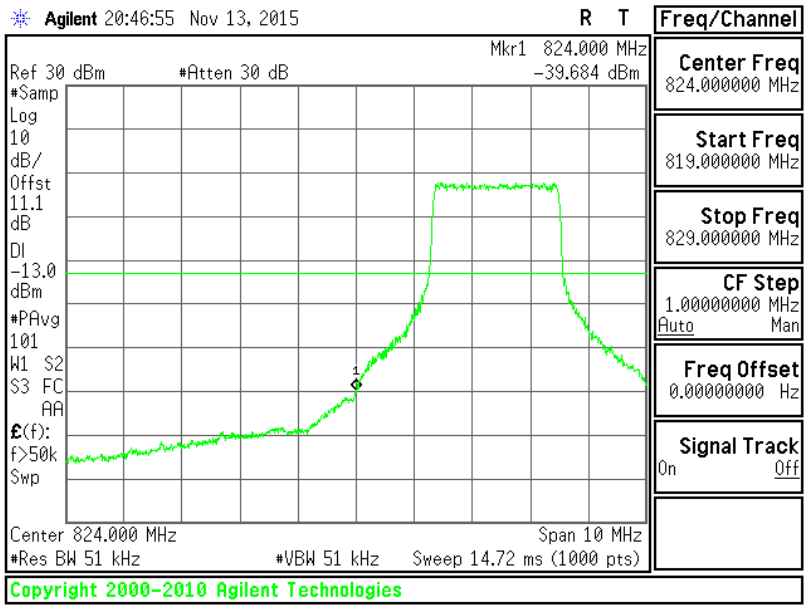
LOW CH, RB1-24



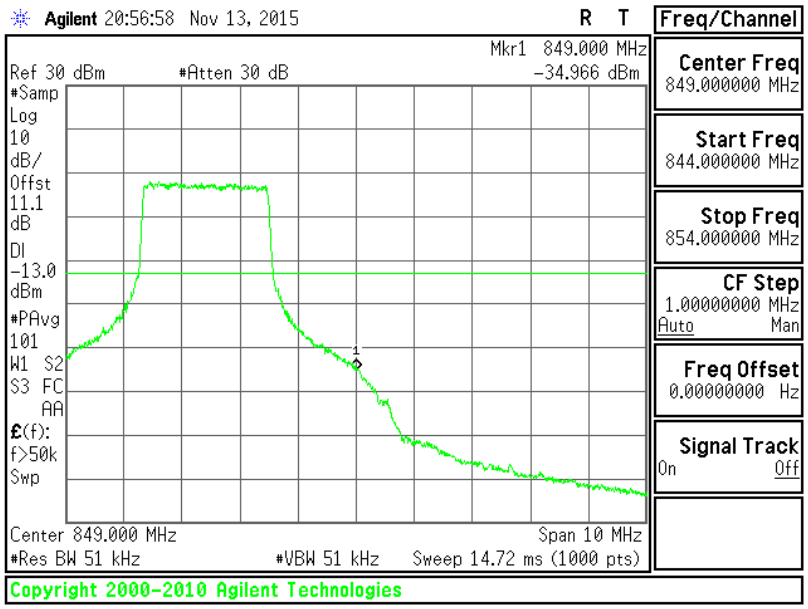
HIGH CH, RB1-24



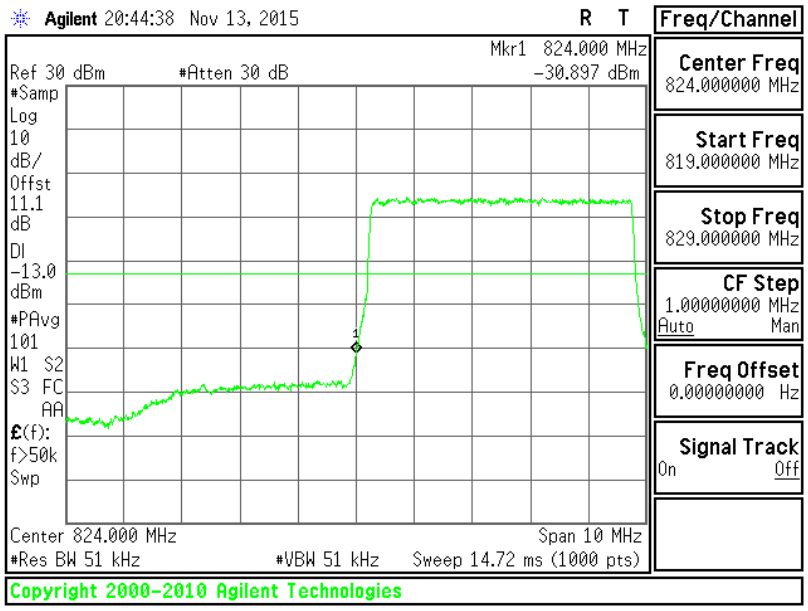
LOW CH, RB12-6



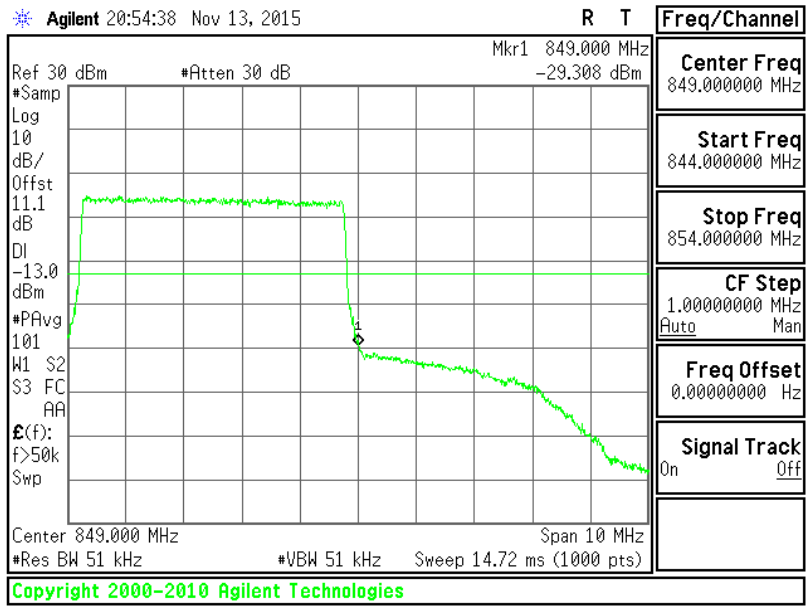
HIGH CH, RB12-6



LOW CH, RB25-0

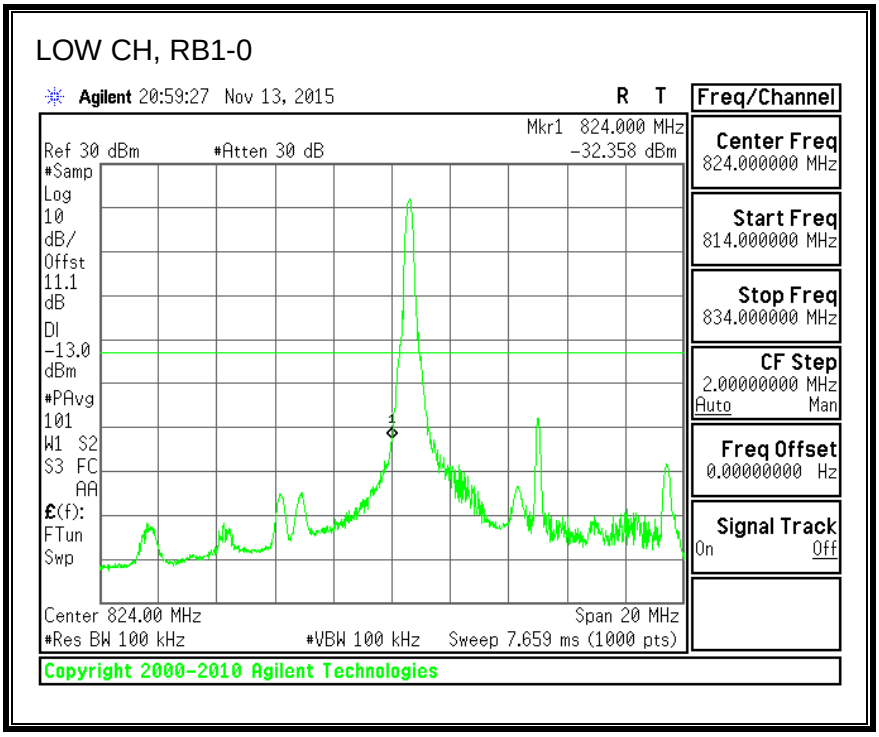


HIGH CH, RB25-0

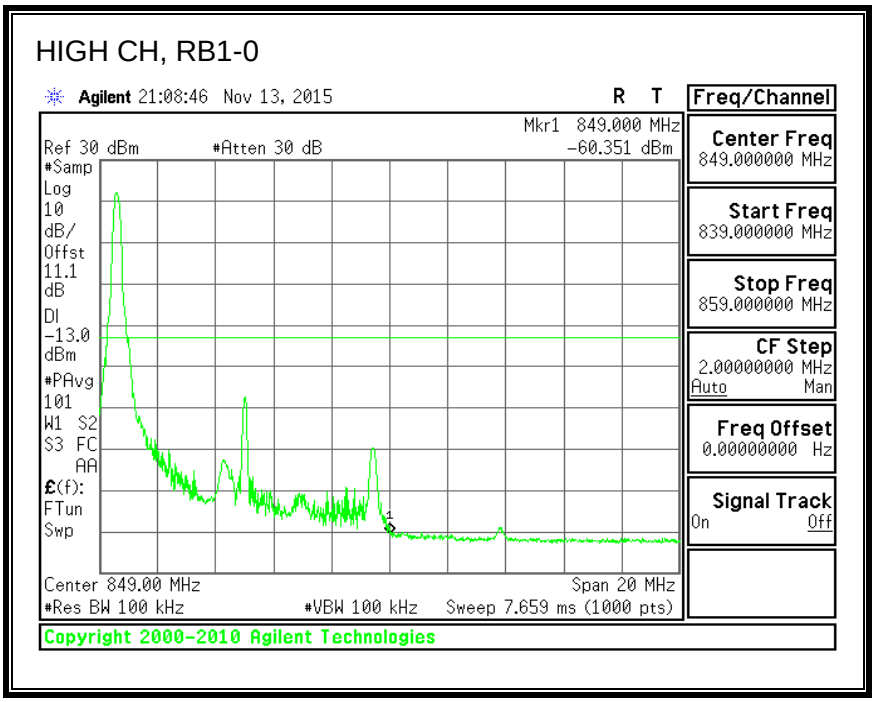


QPSK, (10.0 MHz BAND WIDTH)

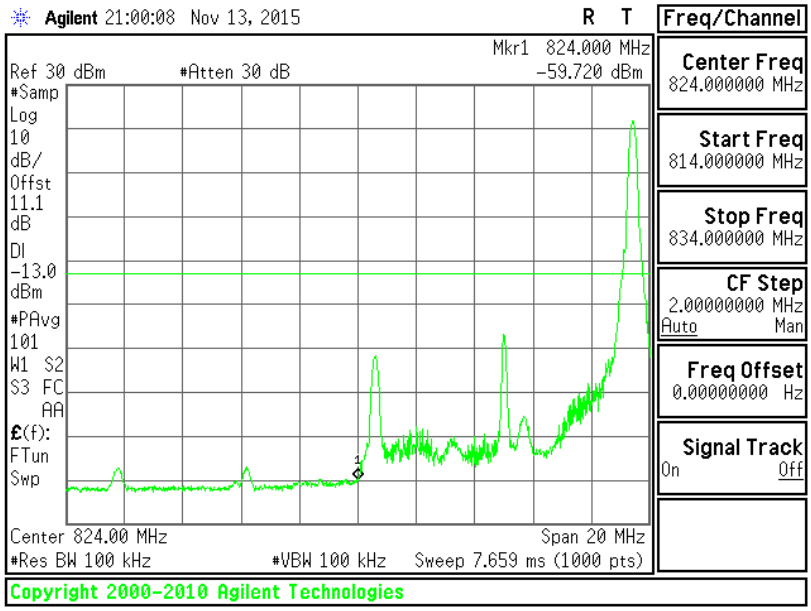
LOW CH, RB1-0



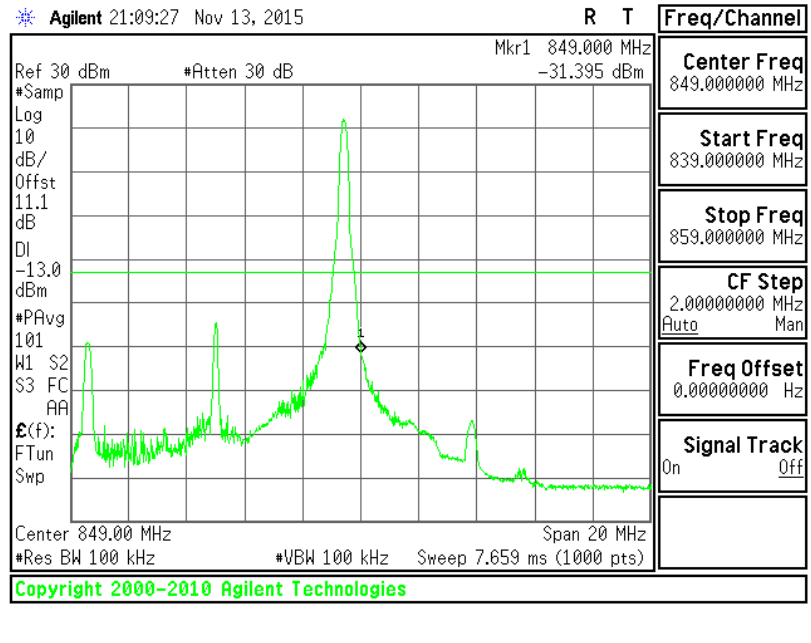
HIGH CH, RB1-0



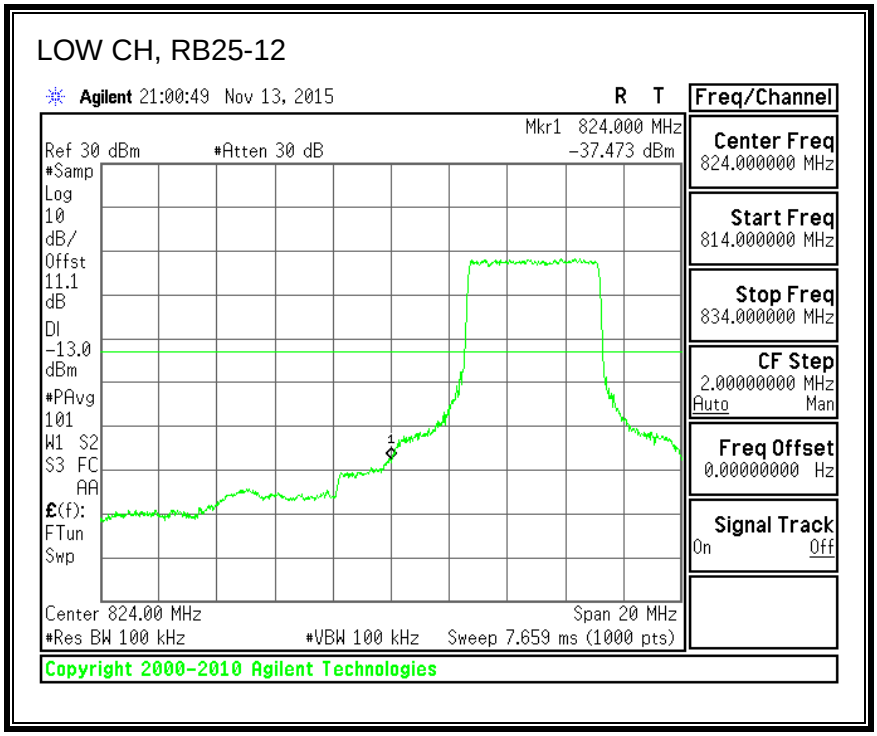
LOW CH, RB1-49



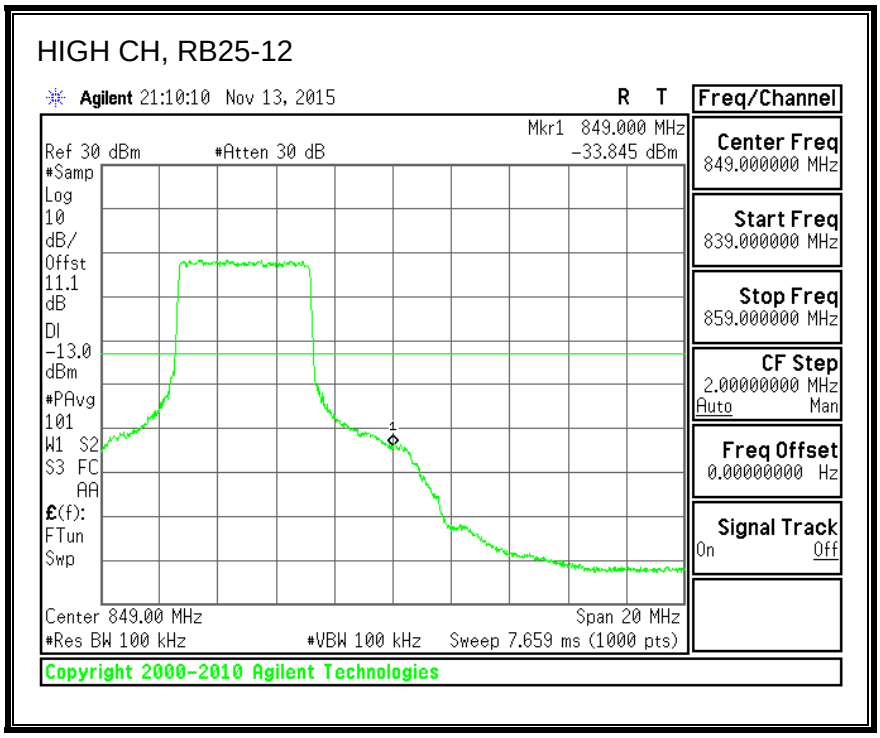
HIGH CH, RB1-49



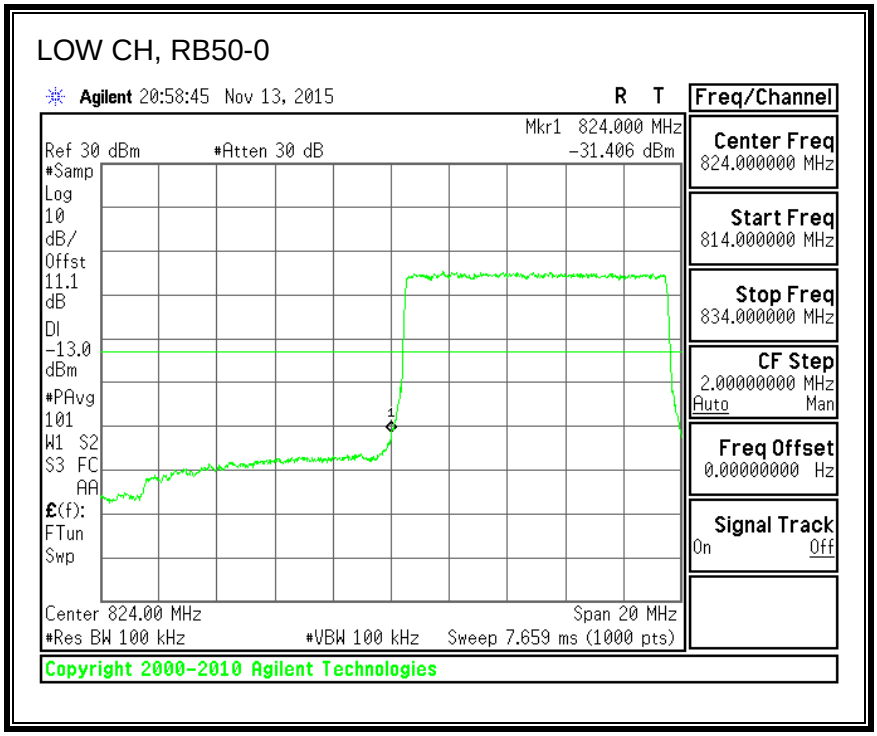
LOW CH, RB25-12



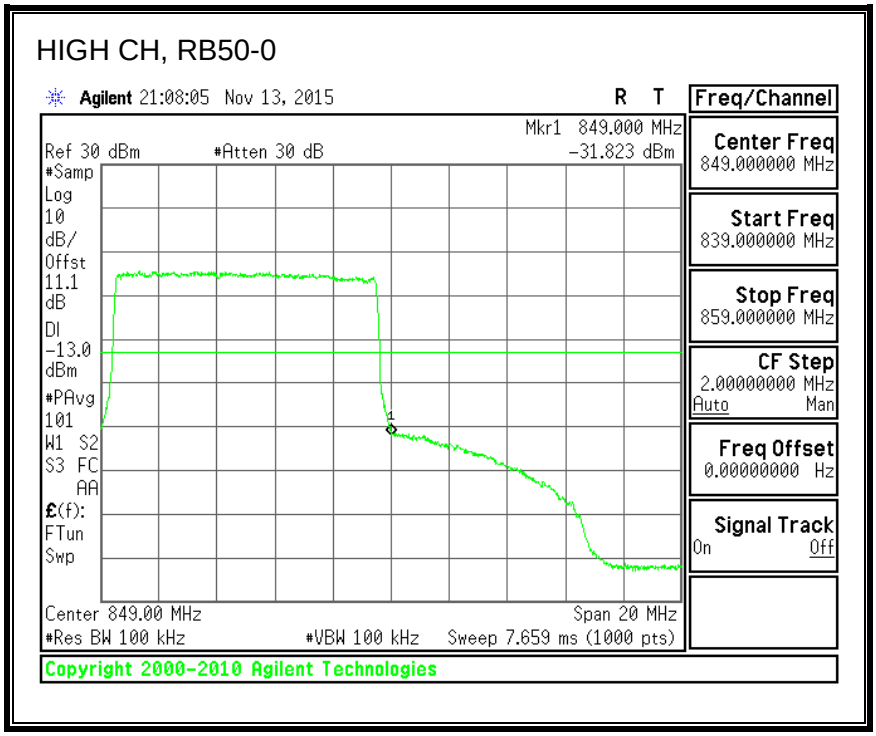
HIGH CH, RB25-12



LOW CH, RB50-0

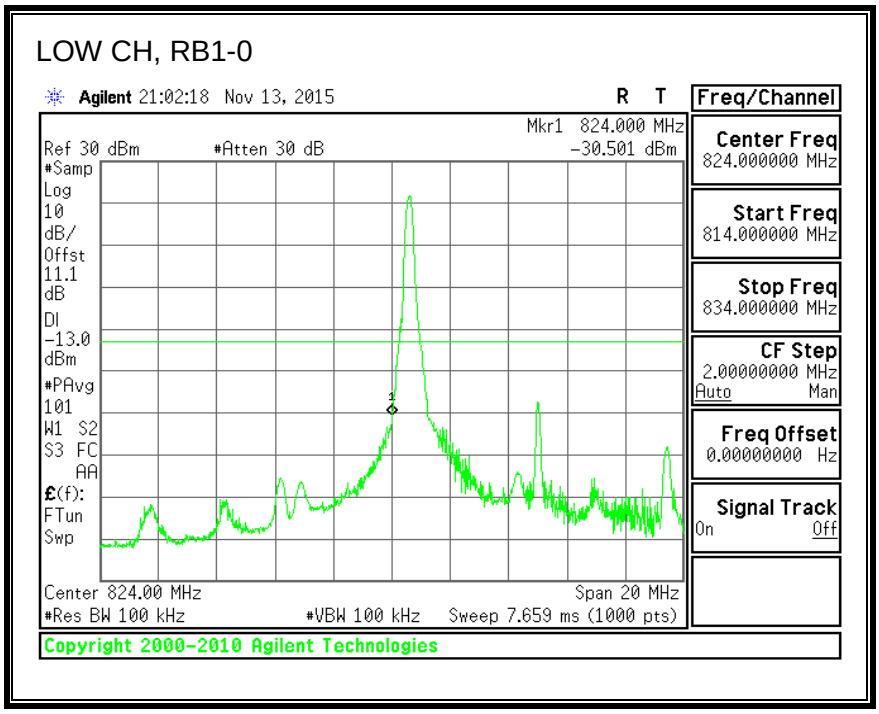


HIGH CH, RB50-0

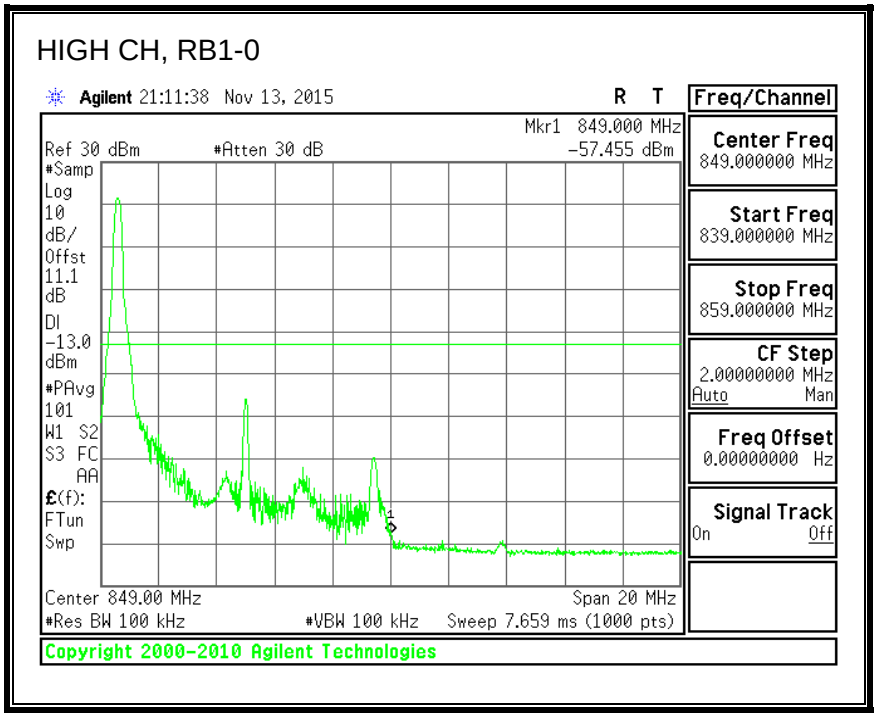


16QAM, (10.0 MHz BAND WIDTH)

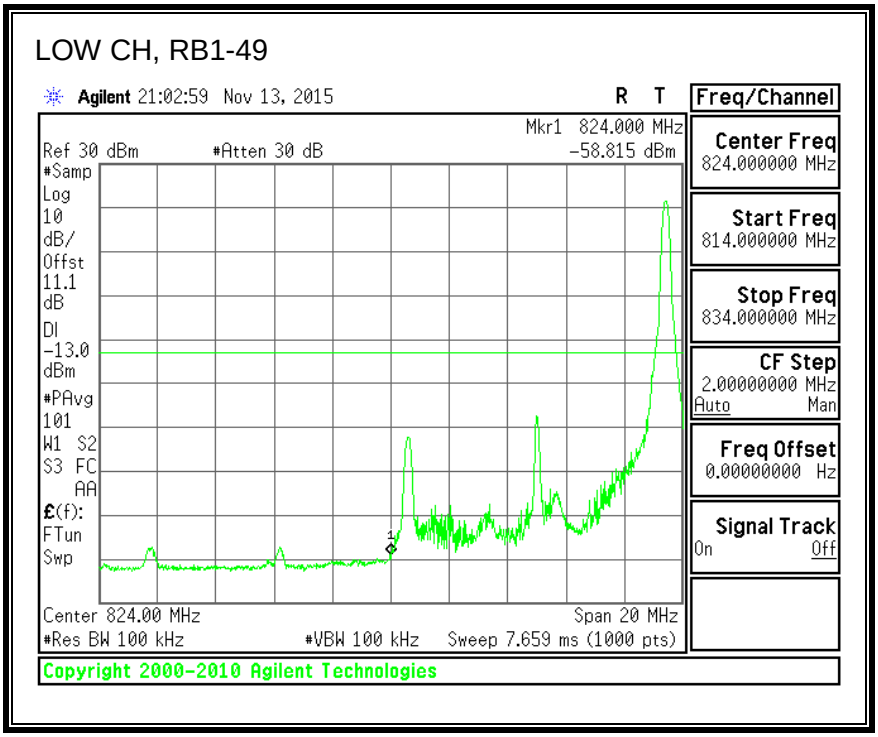
LOW CH, RB1-0



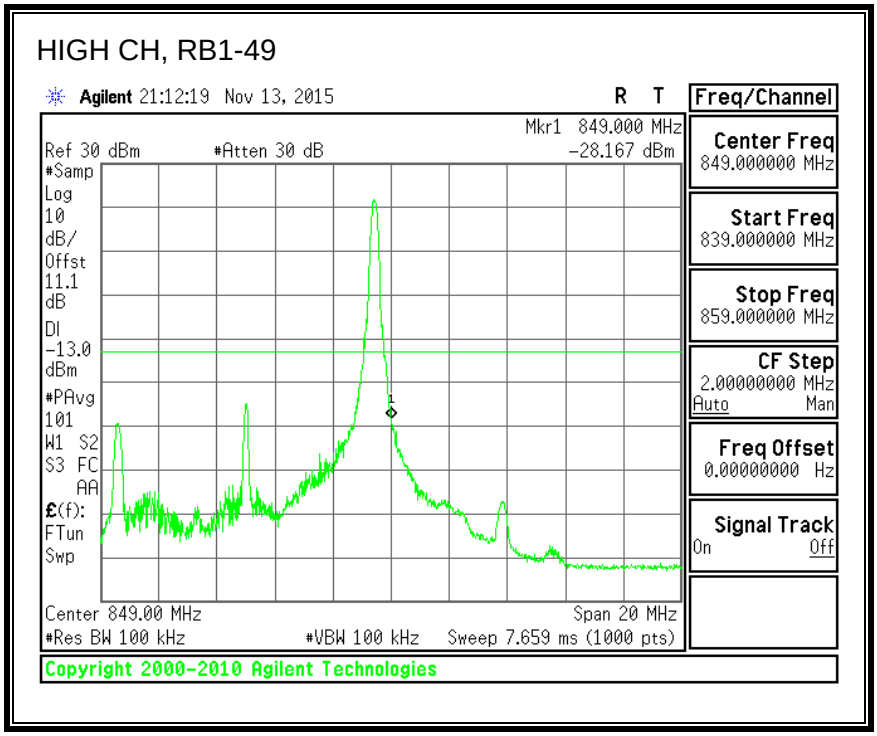
HIGH CH, RB1-0



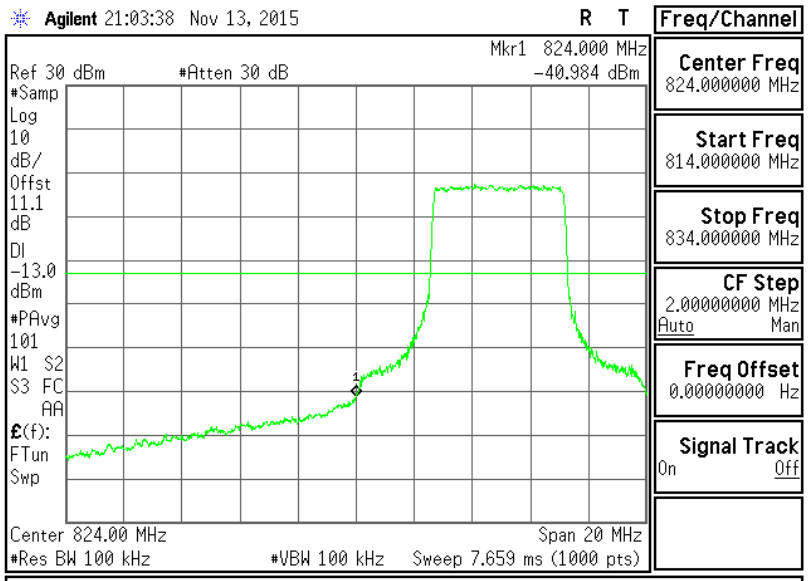
LOW CH, RB1-49



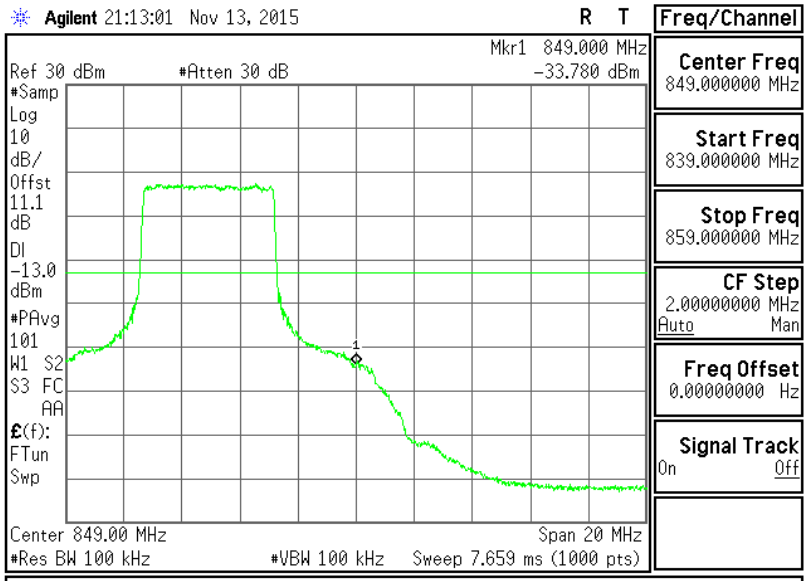
HIGH CH, RB1-49



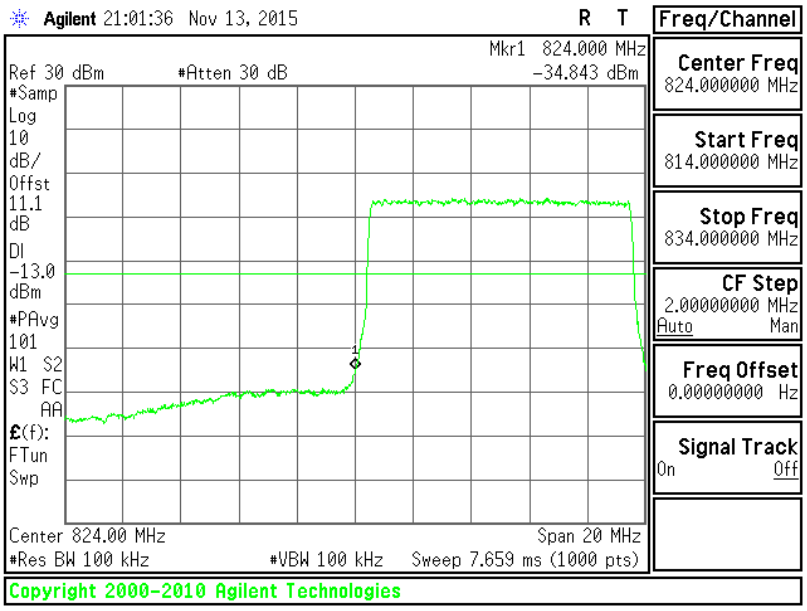
LOW CH, RB25-12



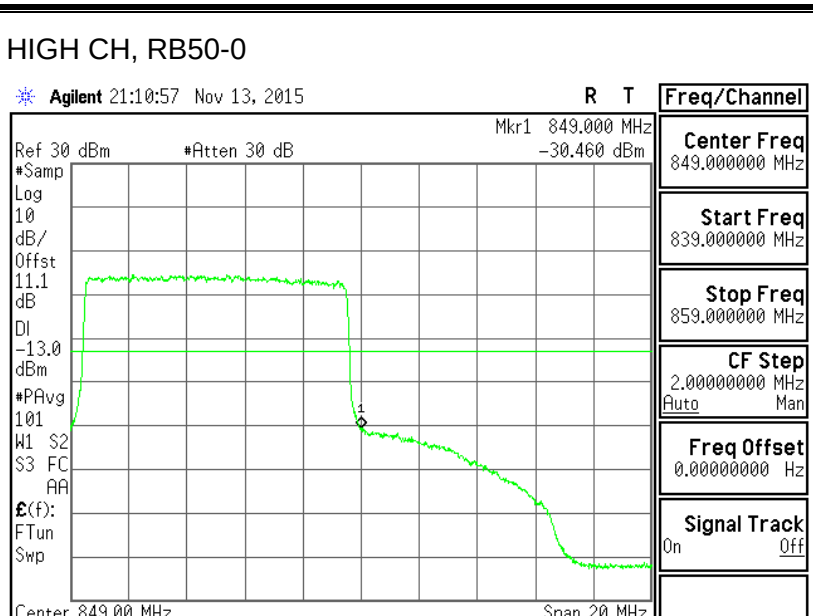
HIGH CH, RB25-12



LOW CH, RB50-0

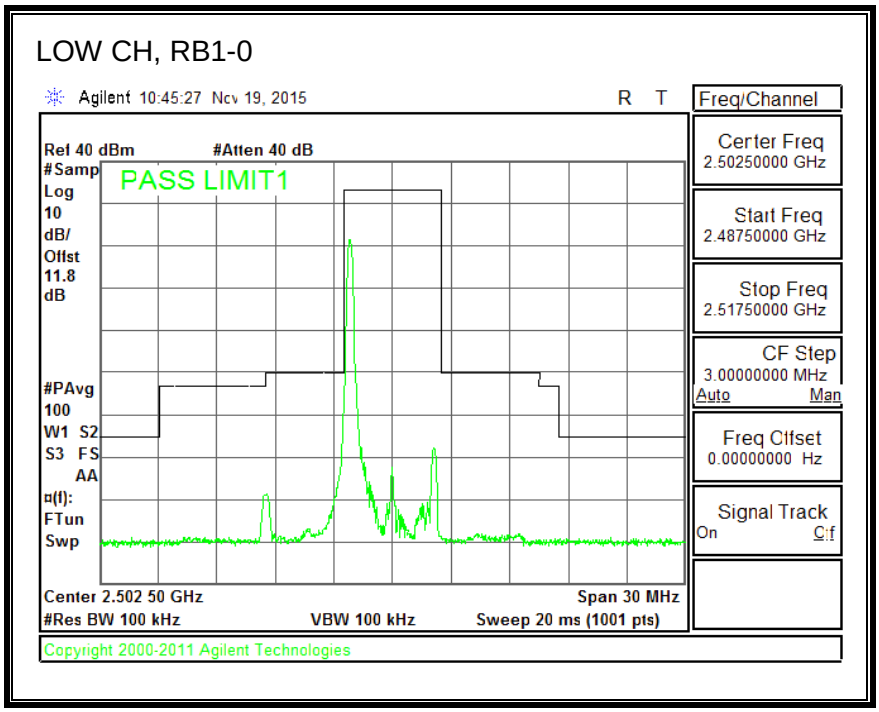


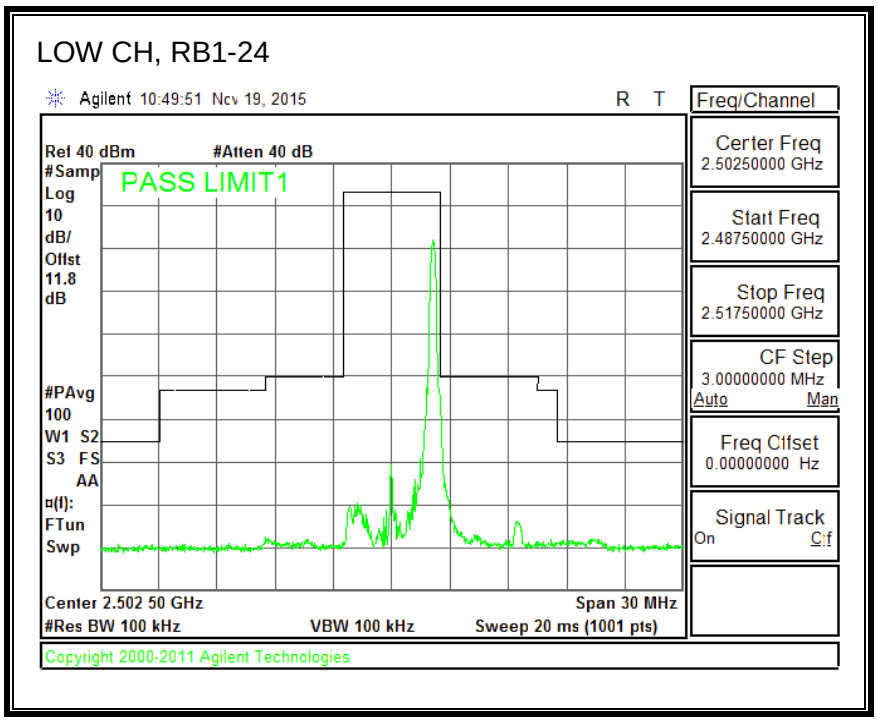
HIGH CH, RB50-0



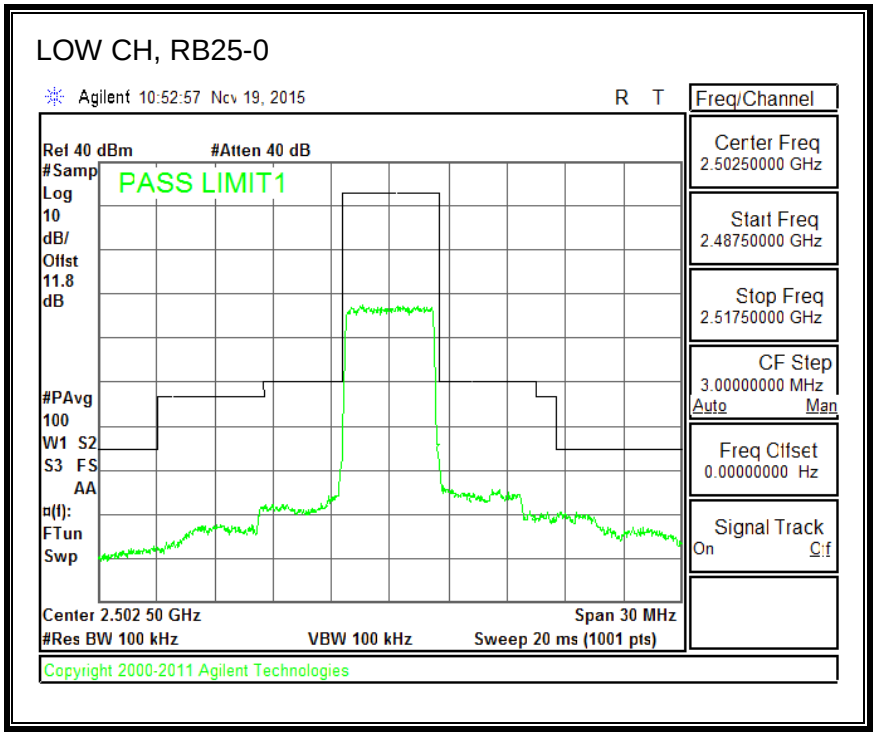
8.2.4. LTE BAND 7 EMISSION MASK

QPSK, (5.0 MHz BAND WIDTH)

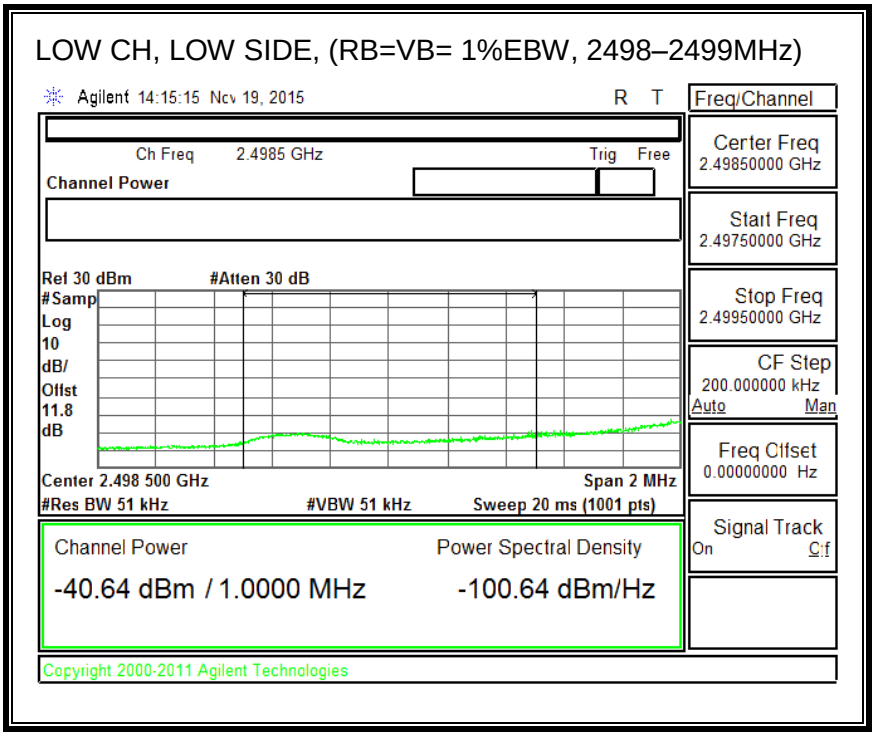




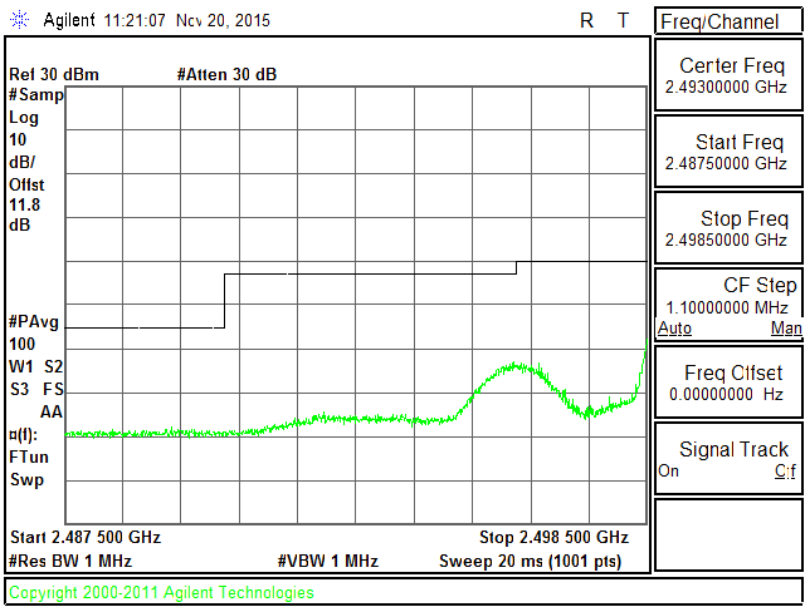
LOW CH, RB25-0



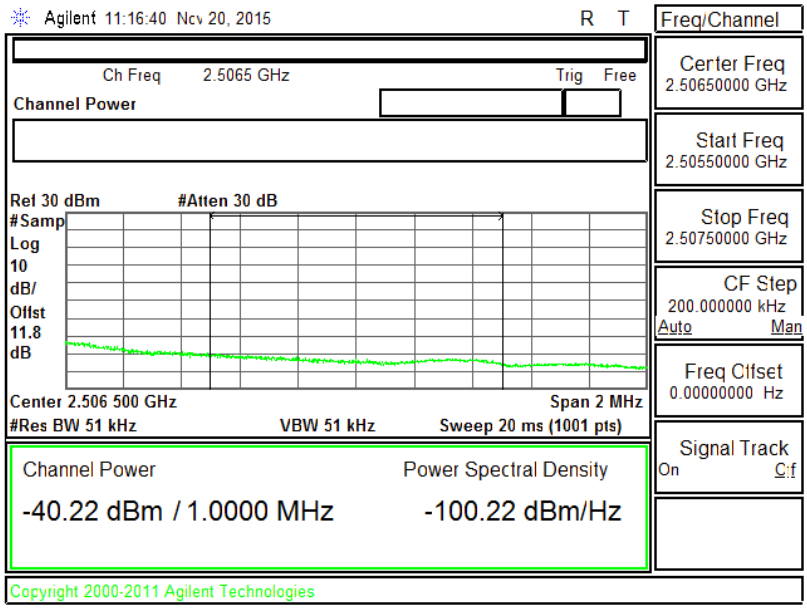
LOW CH, LOW SIDE, (RB=VB= 1%EBW, 2498–2499MHz)



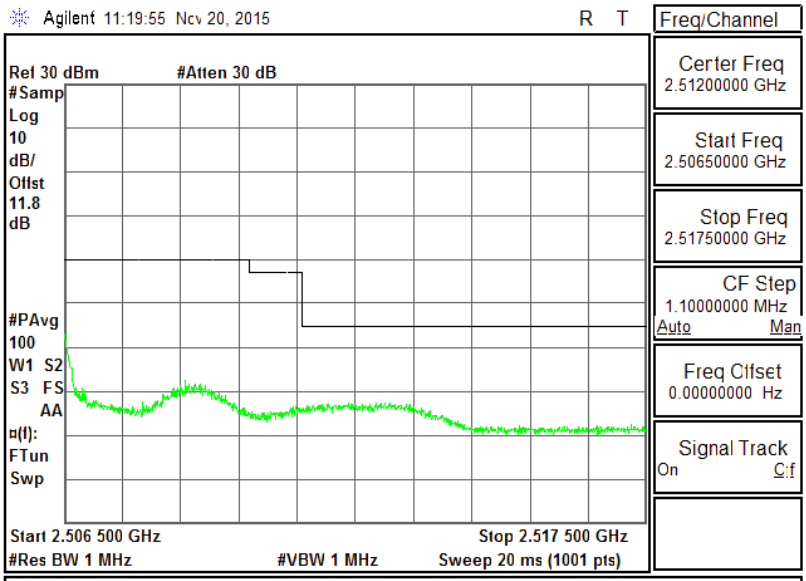
LOW CH, LOW SIDE, (RB=VB= 1MHz, 2487.5-2498.5MHz)



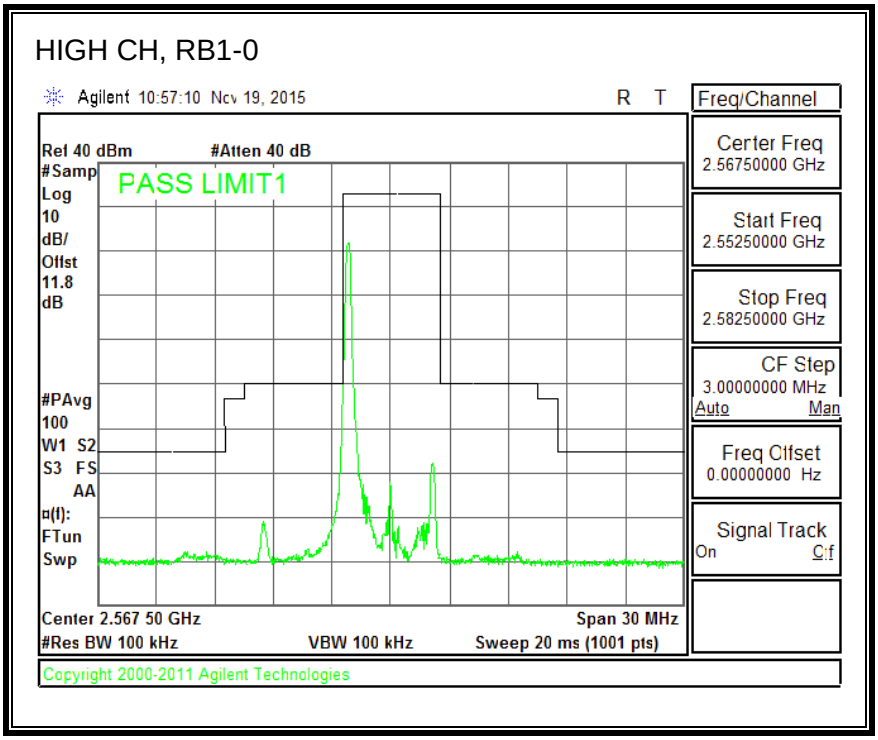
LOW CH, HIGH SIDE, (RB=VB= 1%EBW, 2506–2507MHz)



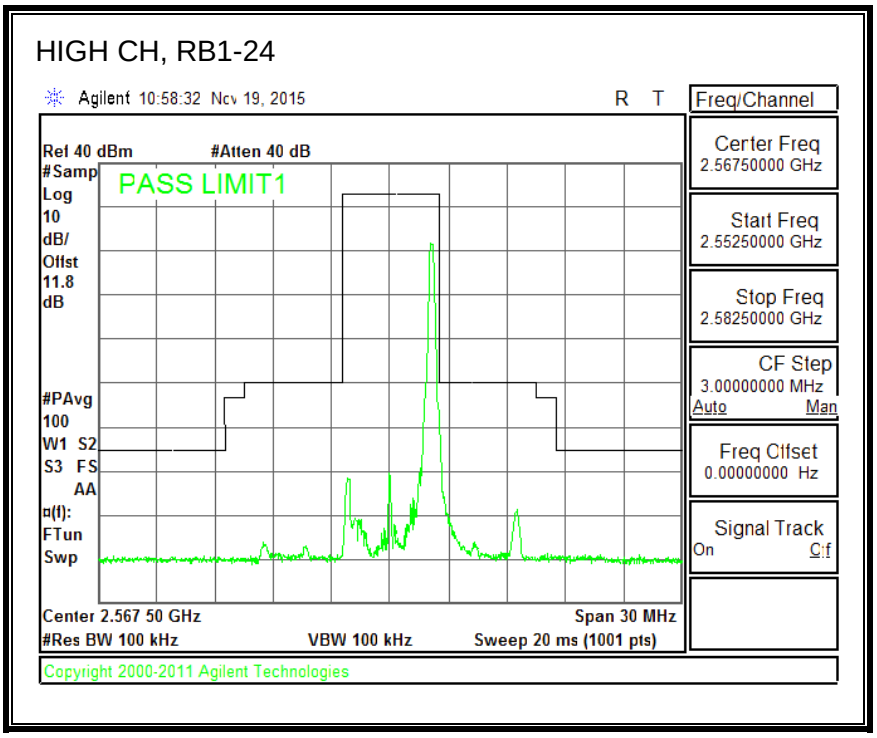
LOW CH, HIGH SIDE, (RB=VB= 1MHz, 2506.5–2517.5MHz)



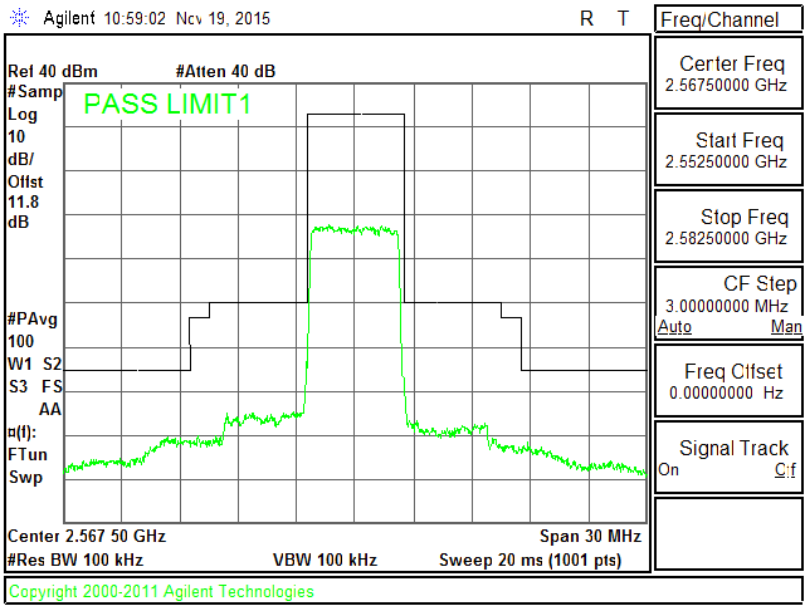
HIGH CH, RB1-0



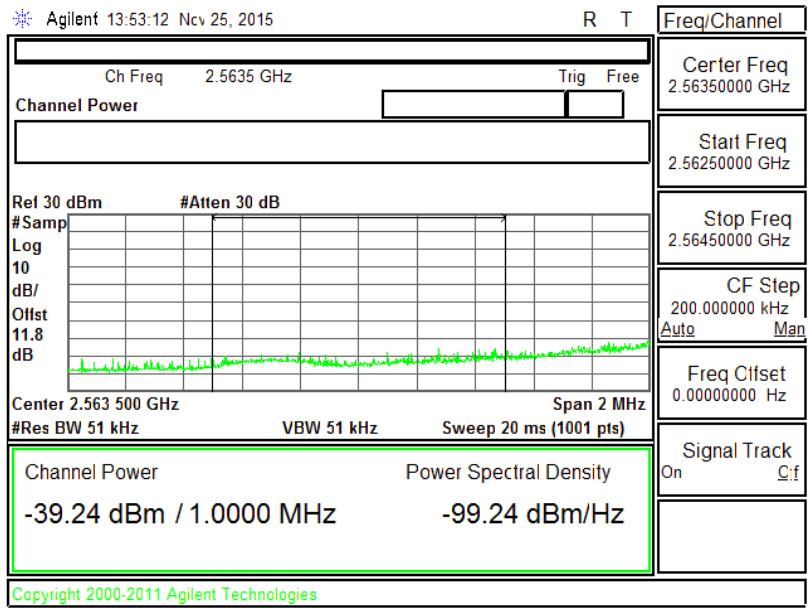
HIGH CH, RB1-24



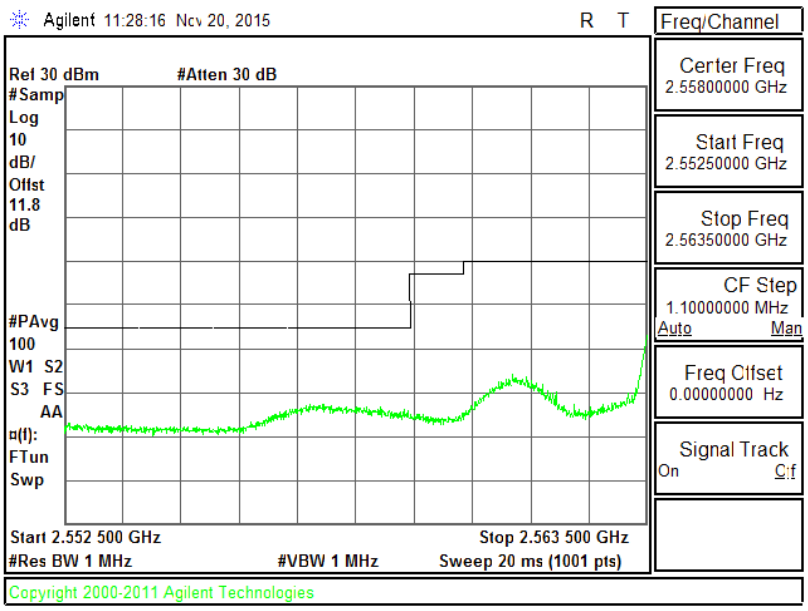
HIGH CH, RB25-0



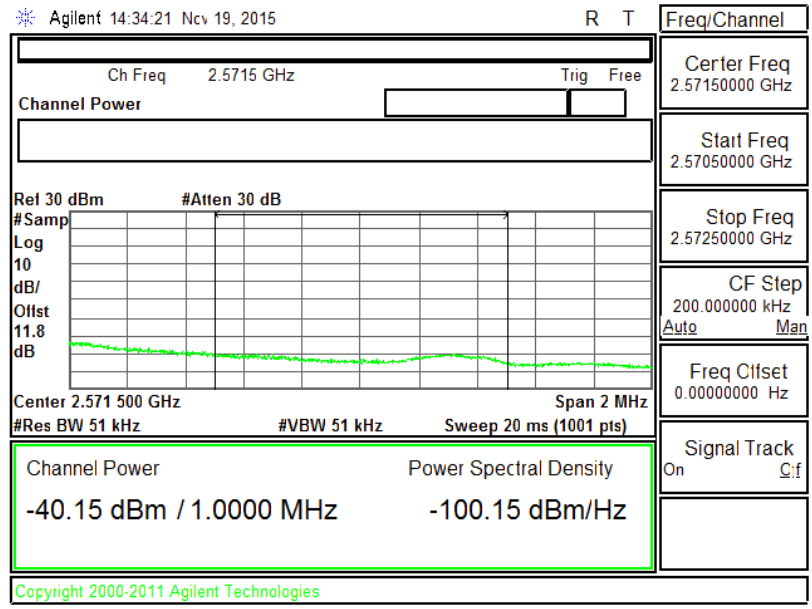
HIGH CH, LOW SIDE, (RB=VB= 1%EBW, 2563-2564MHz)



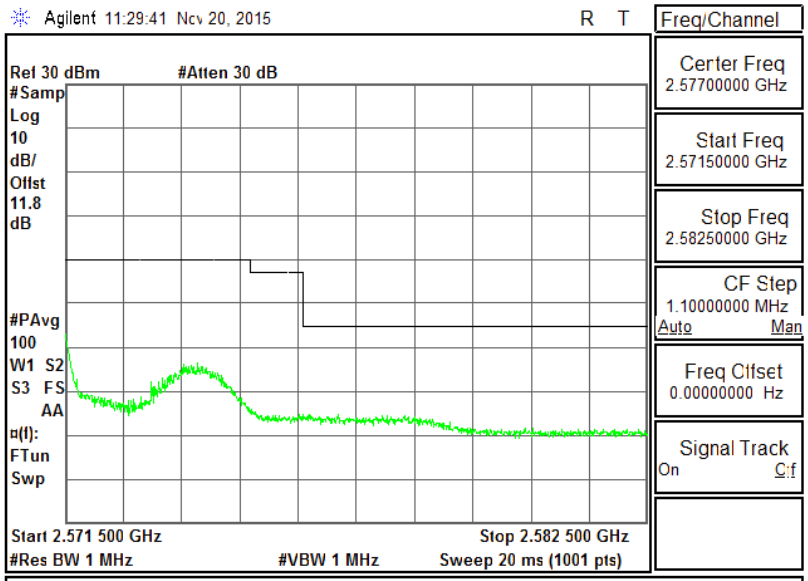
HIGH CH, LOW SIDE, (RB=VB= 1MHz, 2552.5-2563.5MHz)



HIGH CH, HIGH SIDE, (RB=VB= 1%EBW, 2571-2572MHz)

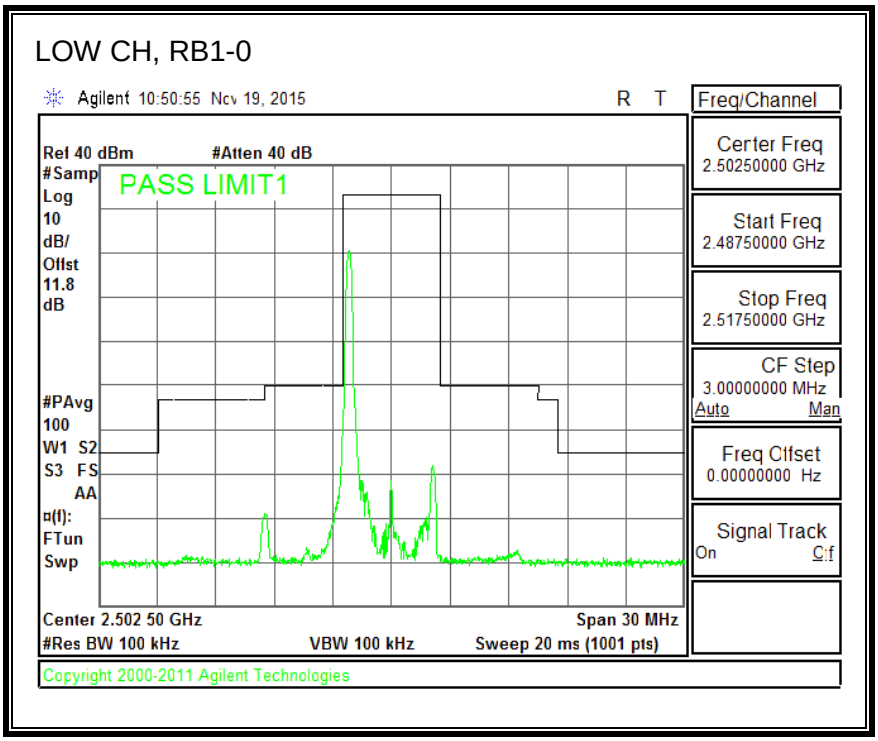


HIGH CH, HIGH SIDE, (RB=VB= 1MHz, 2571.5–2582.5MHz)

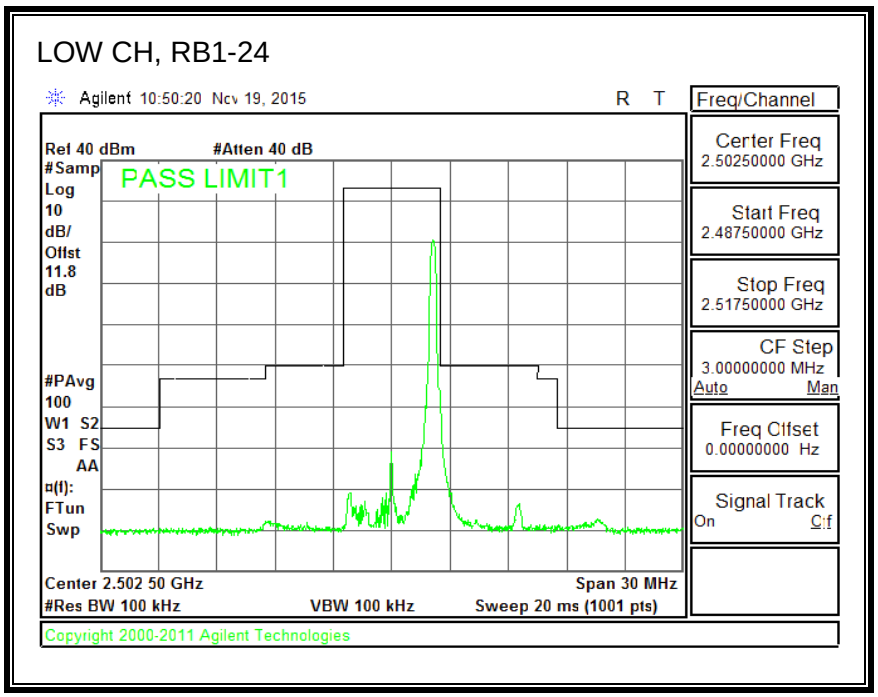


16QAM, (5.0 MHz BAND WIDTH)

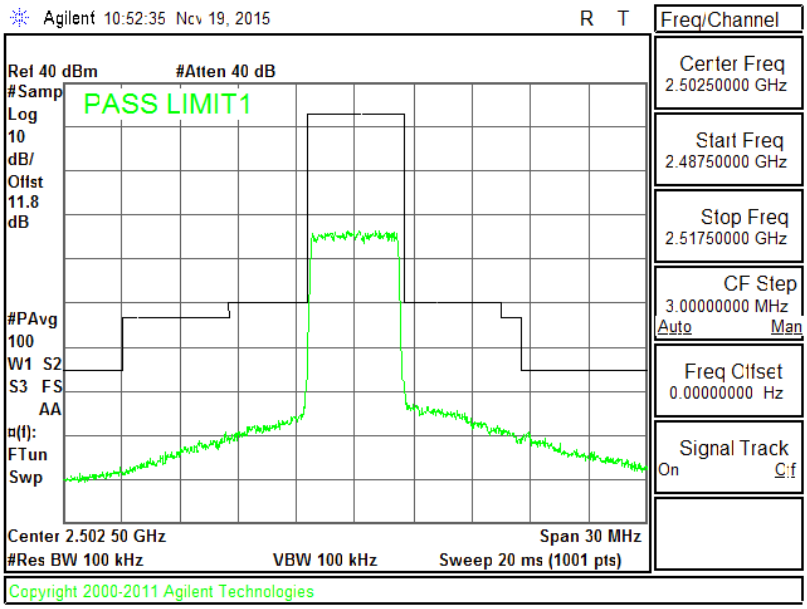
LOW CH, RB1-0



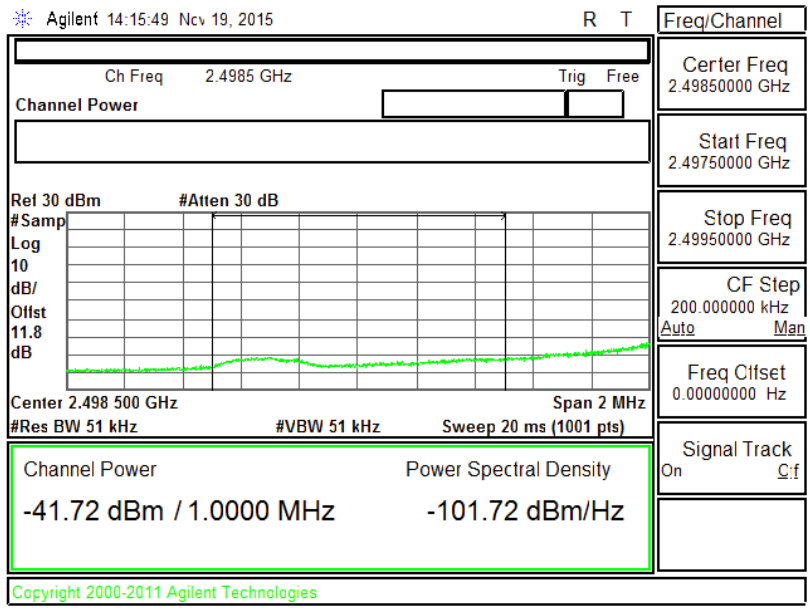
LOW CH, RB1-24



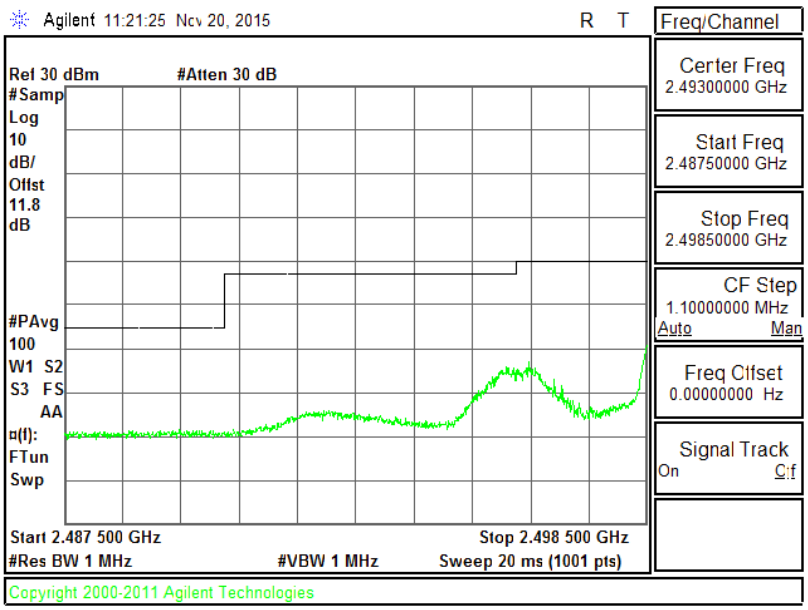
LOW CH, RB25-0



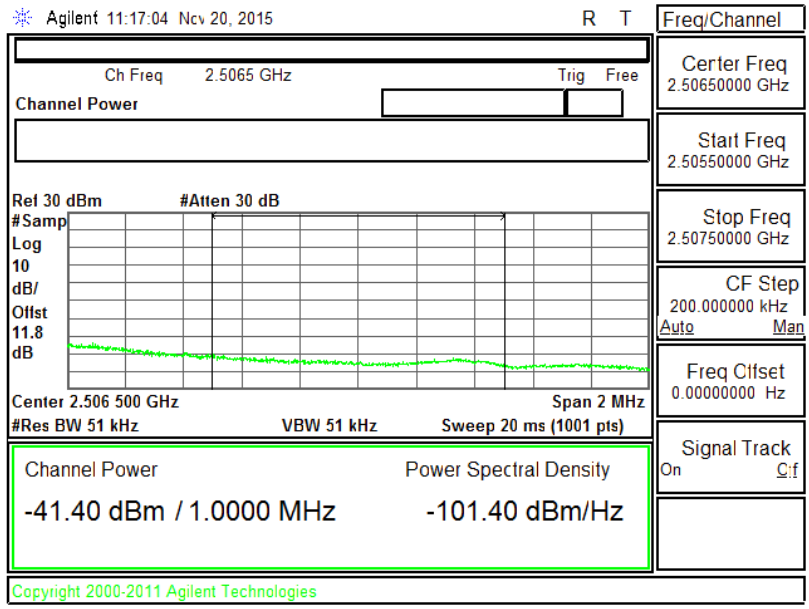
LOW CH, LOW SIDE, (RB=VB= 1%EBW, 2498–2499MHz)



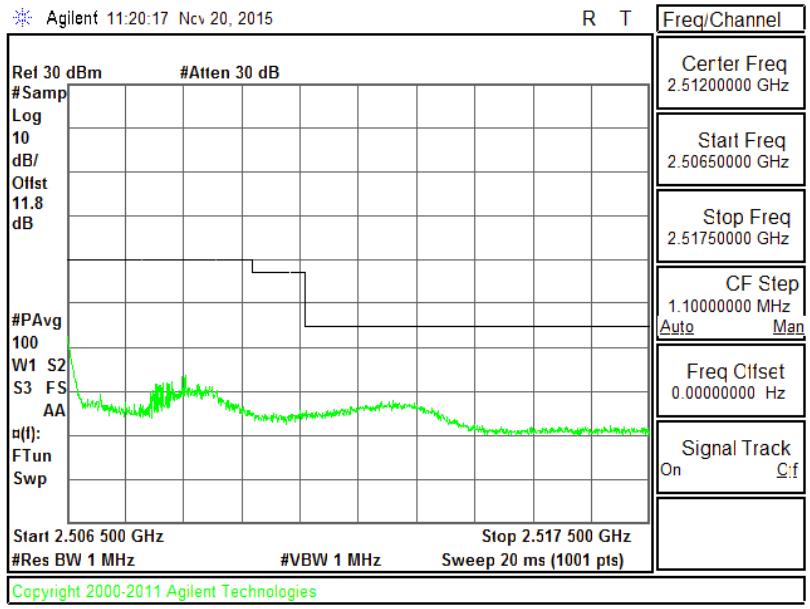
LOW CH, LOW SIDE, (RB=VB= 1MHz, 2487.5-2498.5MHz)



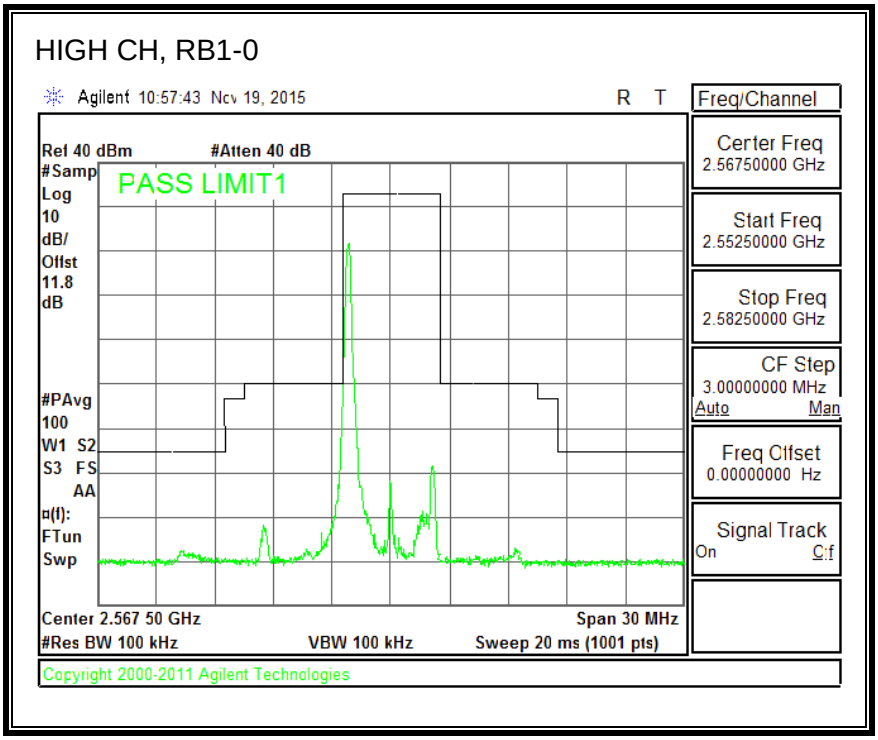
LOW CH, HIGH SIDE, (RB=VB= 1%EBW, 2506–2507MHz)



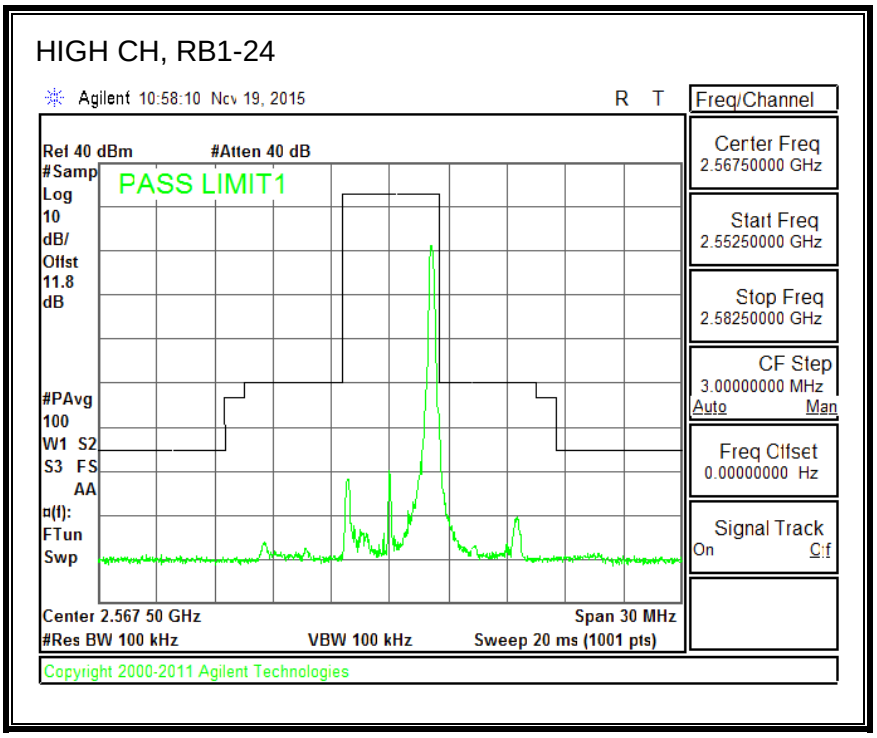
LOW CH, HIGH SIDE, (RB=VB= 1MHz, 2506.5–2517.5MHz)



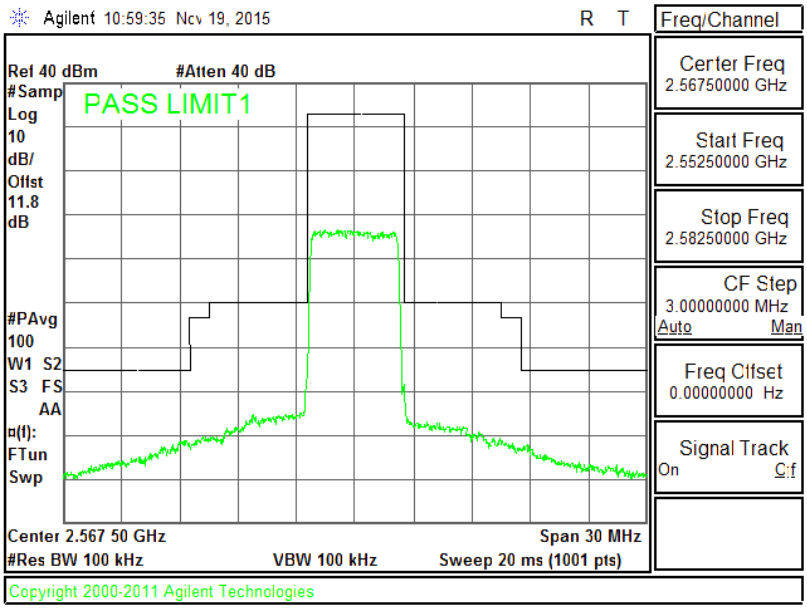
HIGH CH, RB1-0



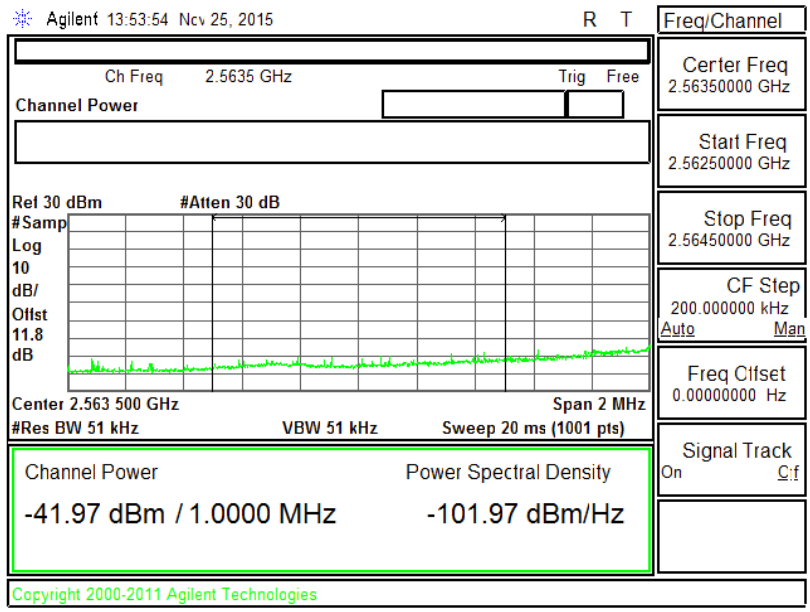
HIGH CH, RB1-24



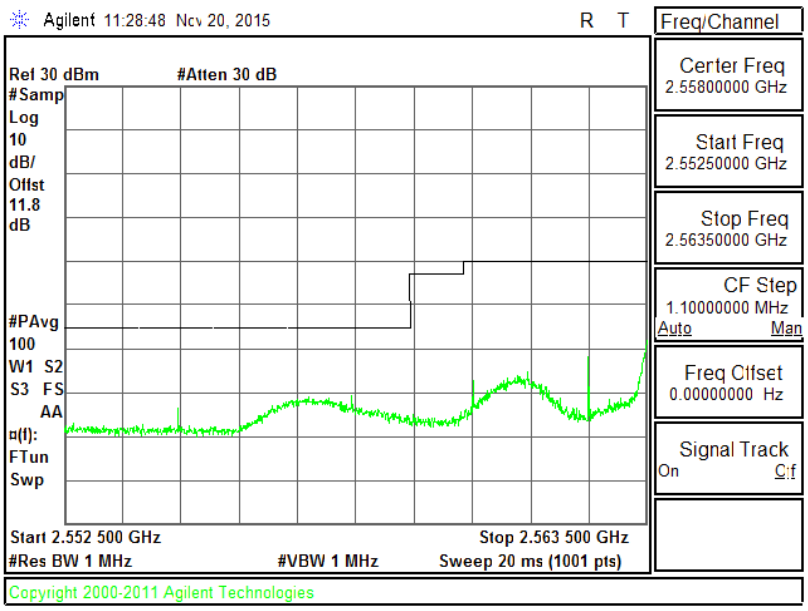
HIGH CH, RB25-0



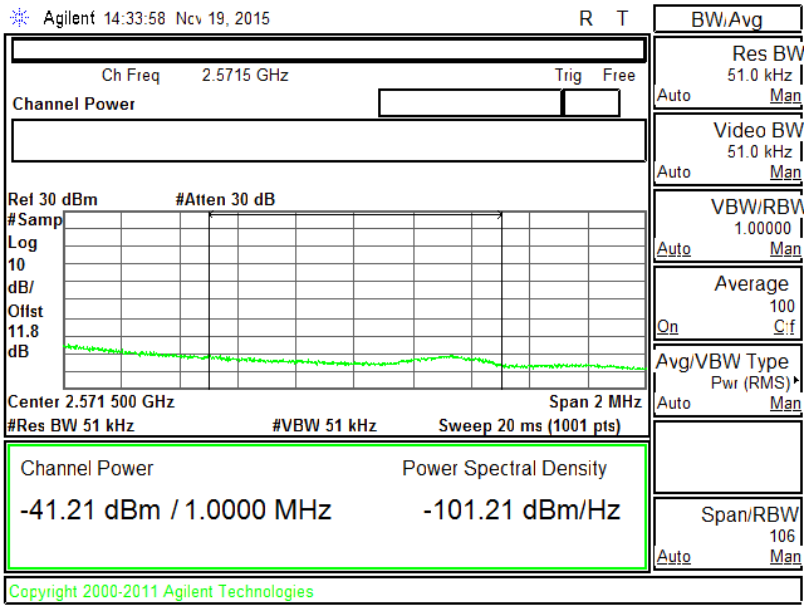
HIGH CH, LOW SIDE, (RB=VB= 1%EBW, 2563-2564MHz)



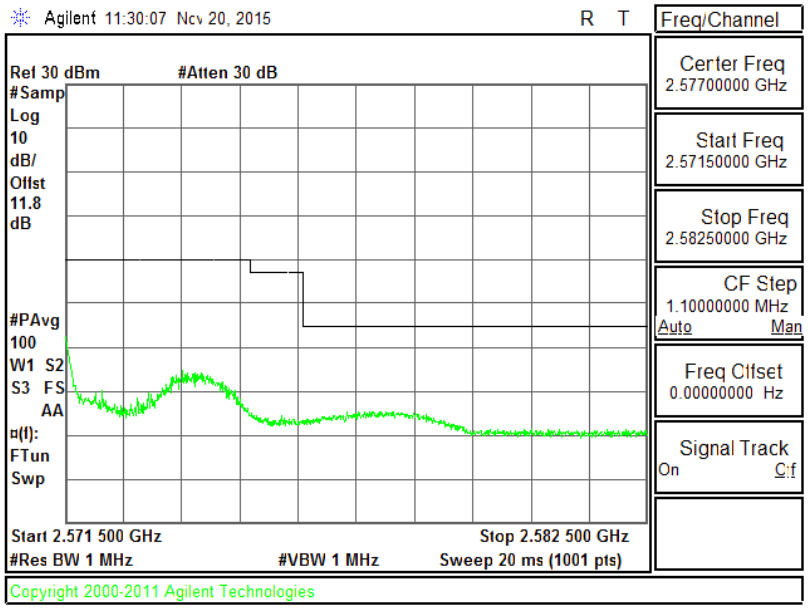
HIGH CH, LOW SIDE, (RB=VB= 1MHz, 2552.5-2563.5MHz)



HIGH CH, HIGH SIDE, (RB=VB= 1%EBW, 2571-2572MHz)

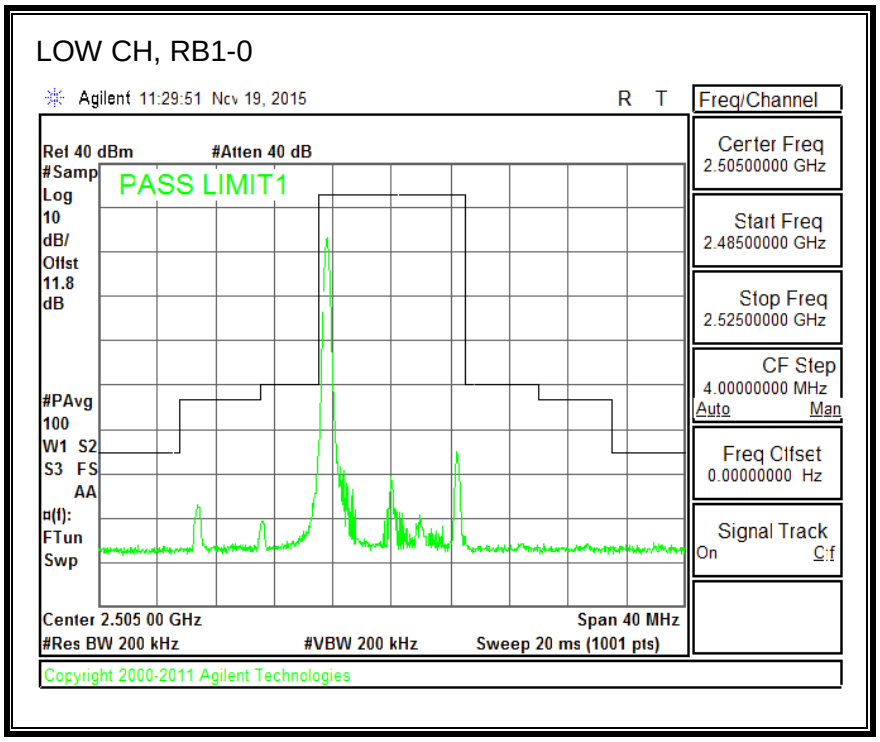


HIGH CH, HIGH SIDE, (RB=VB= 1MHz, 2571.5–2582.5MHz)

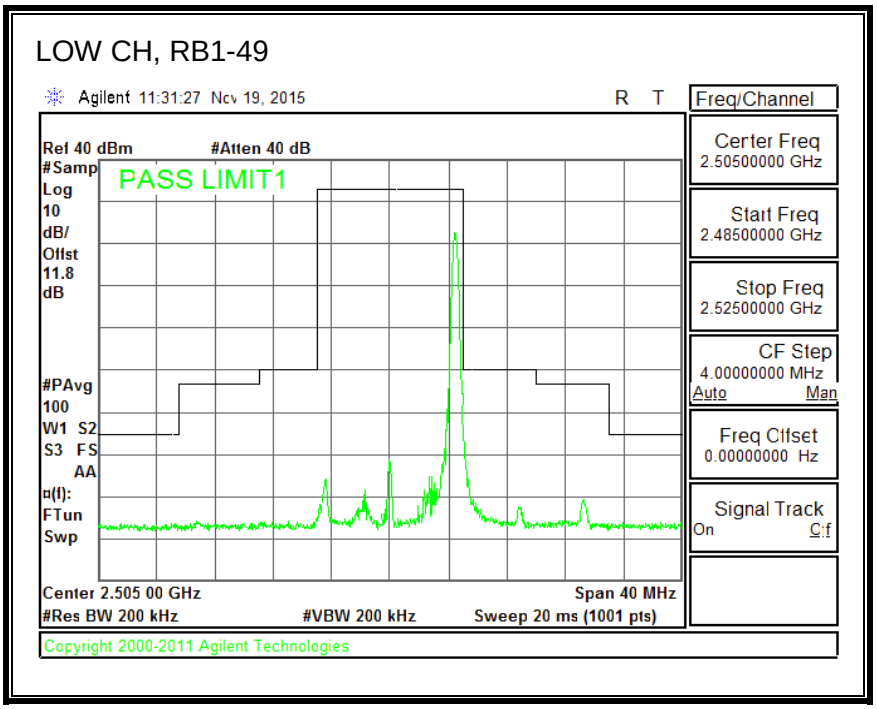


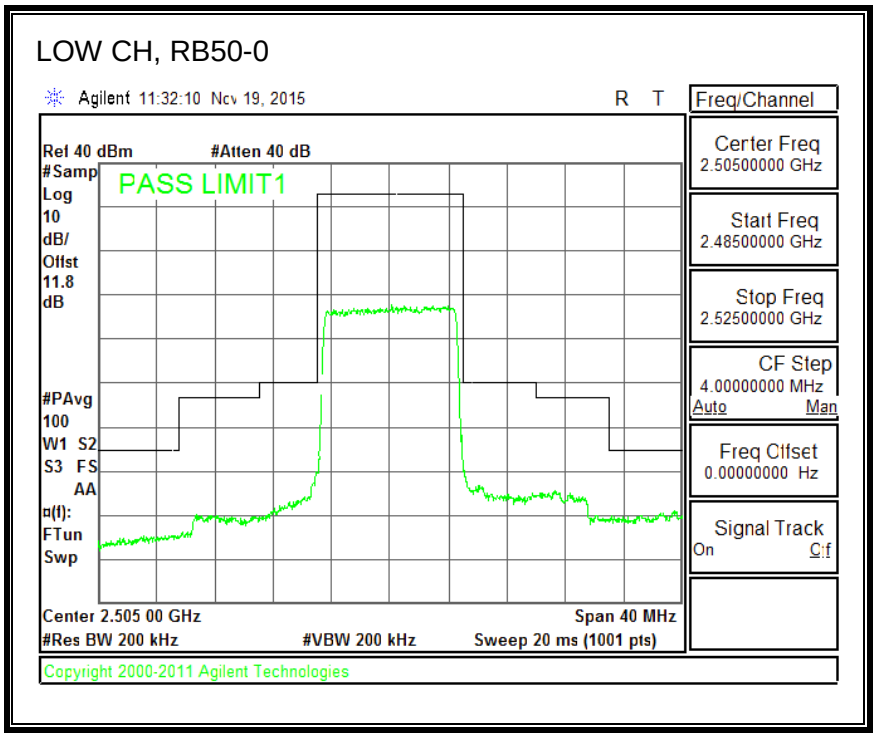
QPSK, (10.0 MHz BAND WIDTH)

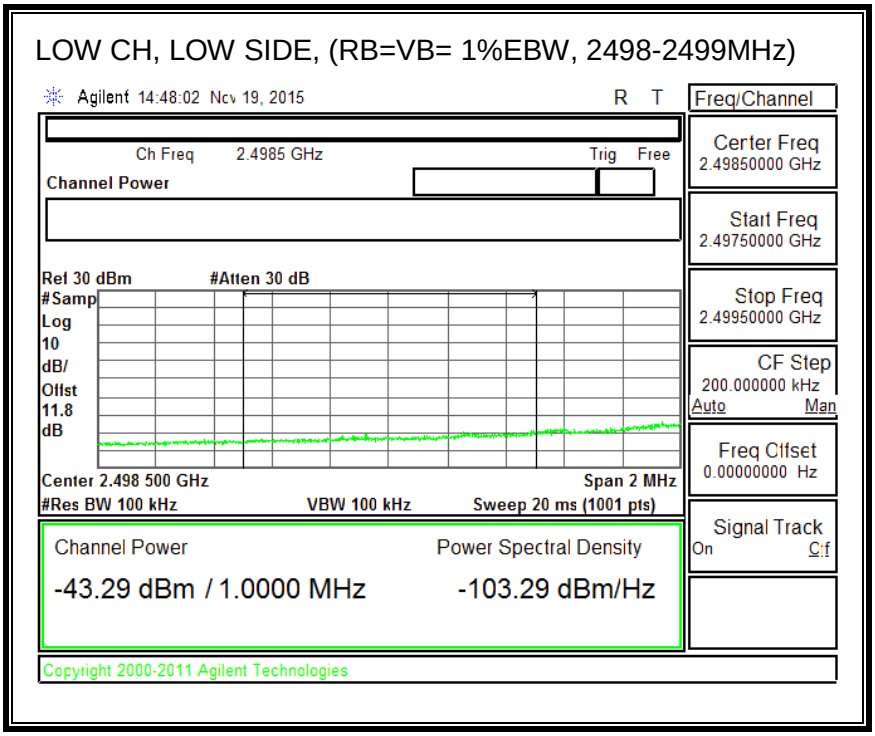
LOW CH, RB1-0



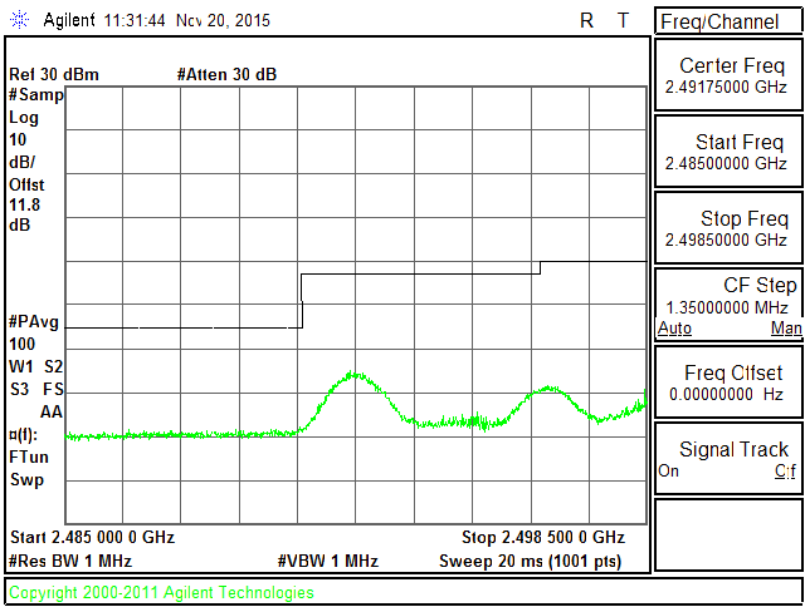
LOW CH, RB1-49



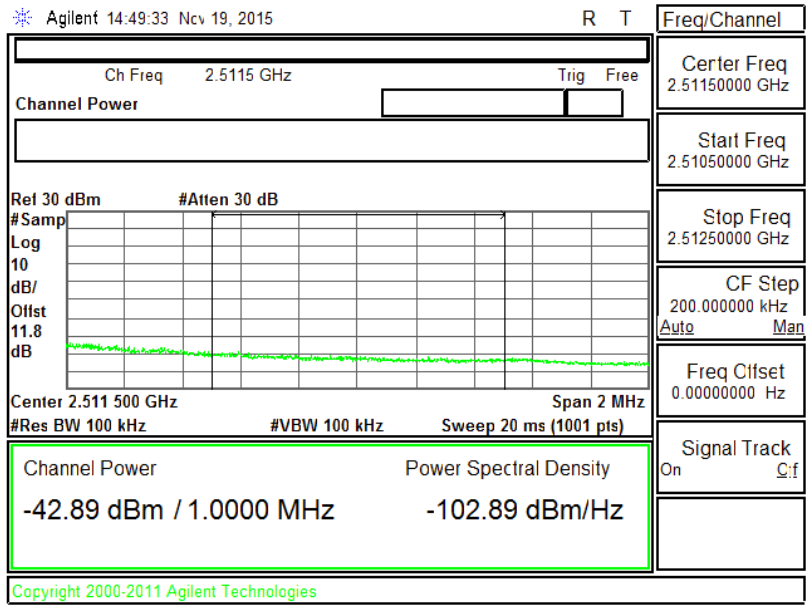




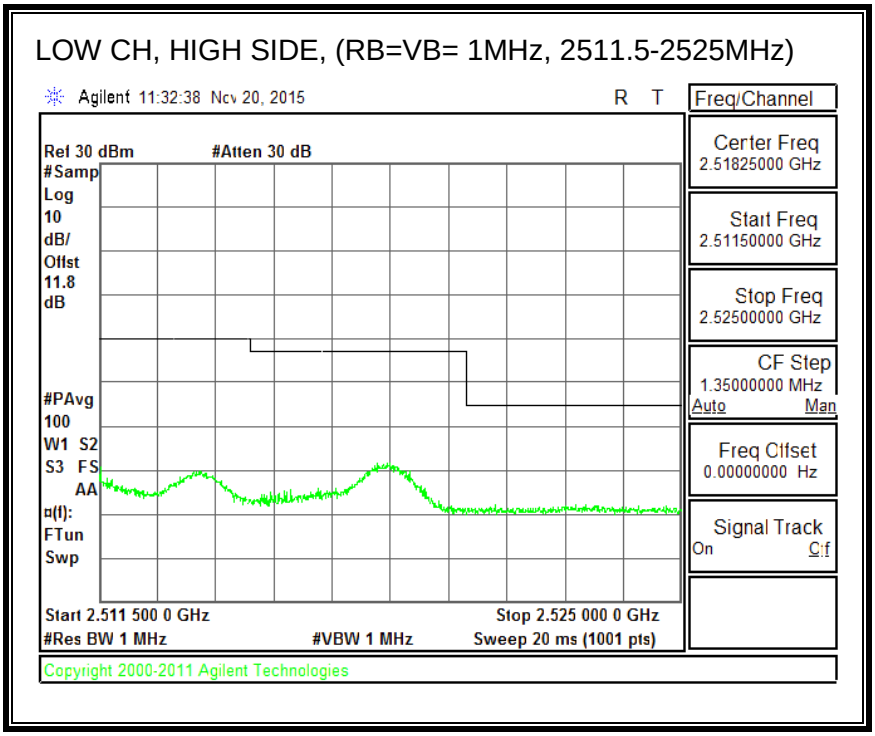
LOW CH, LOW SIDE, (RB=VB= 1MHz, 2485-2498.5MHz)



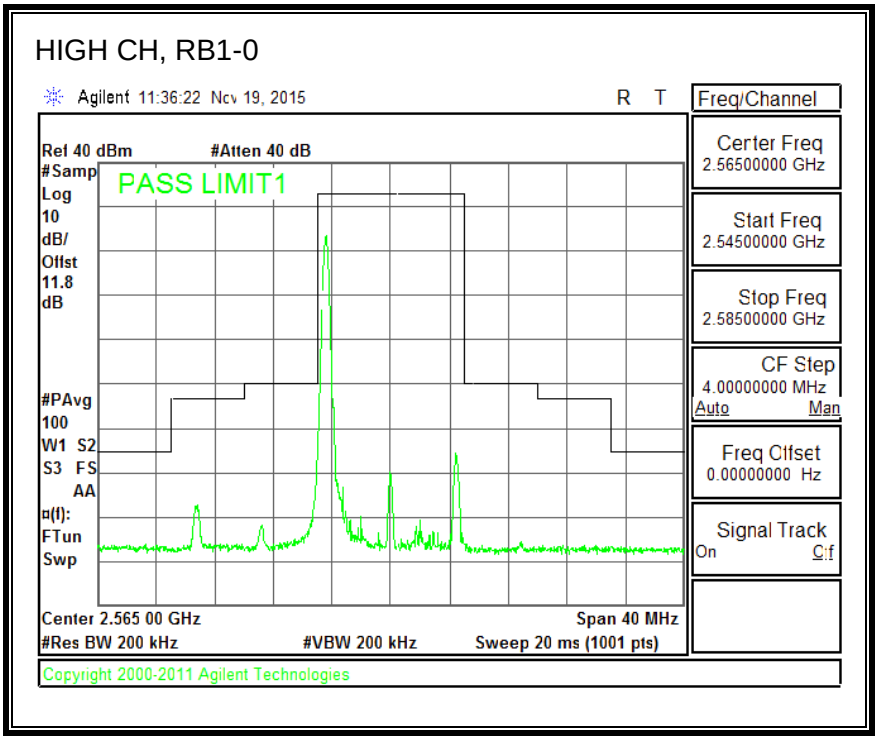
LOW CH, HIGH SIDE, (RB=VB= 1%EBW, 2511-2512MHz)



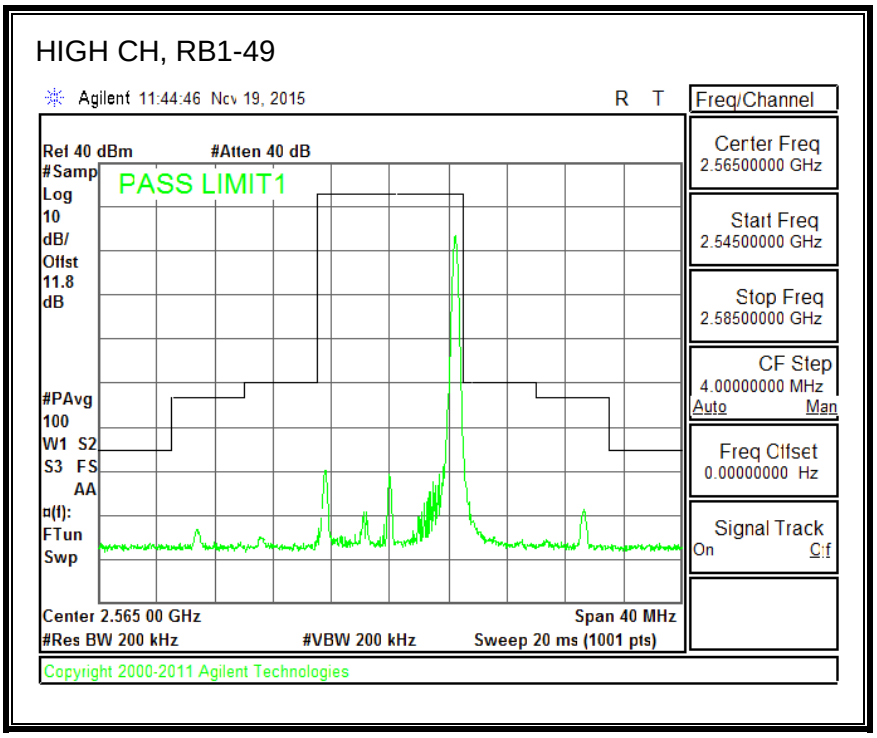
LOW CH, HIGH SIDE, (RB=VB= 1MHz, 2511.5-2525MHz)



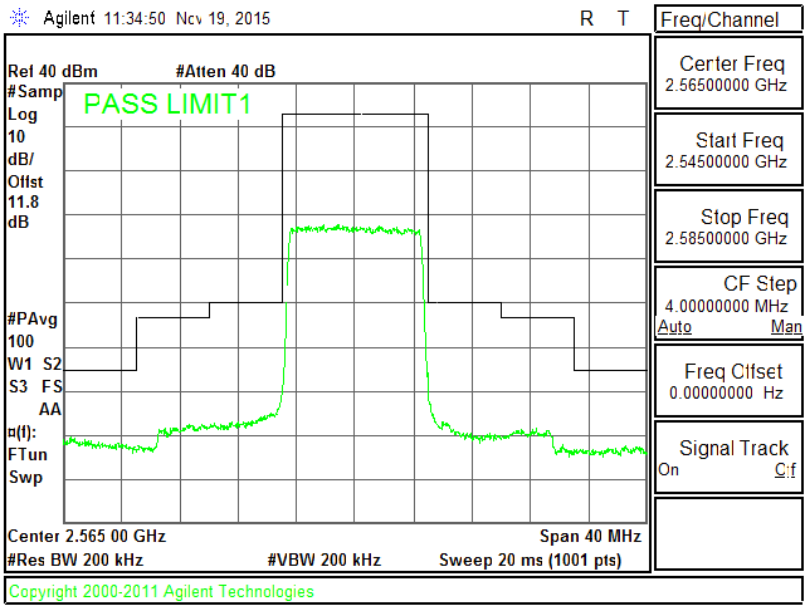
HIGH CH, RB1-0



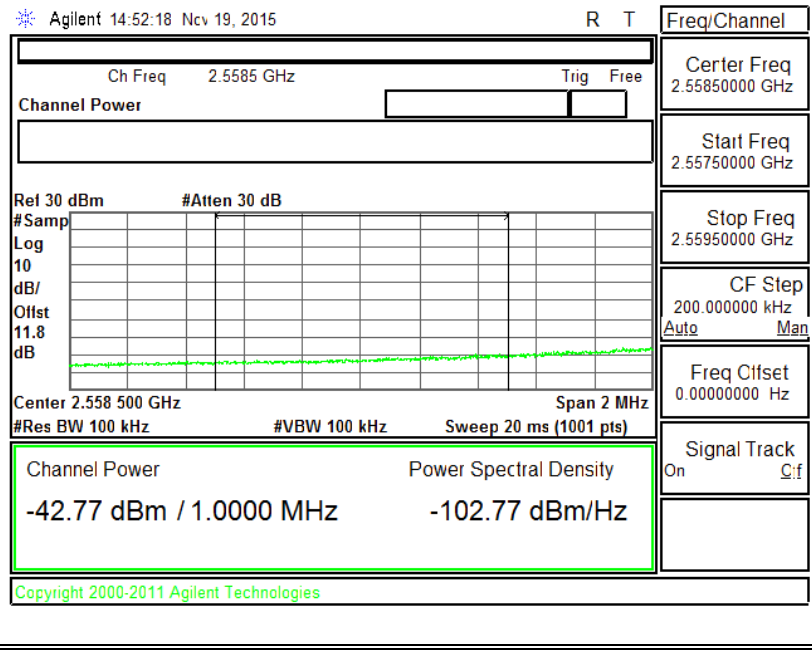
HIGH CH, RB1-49



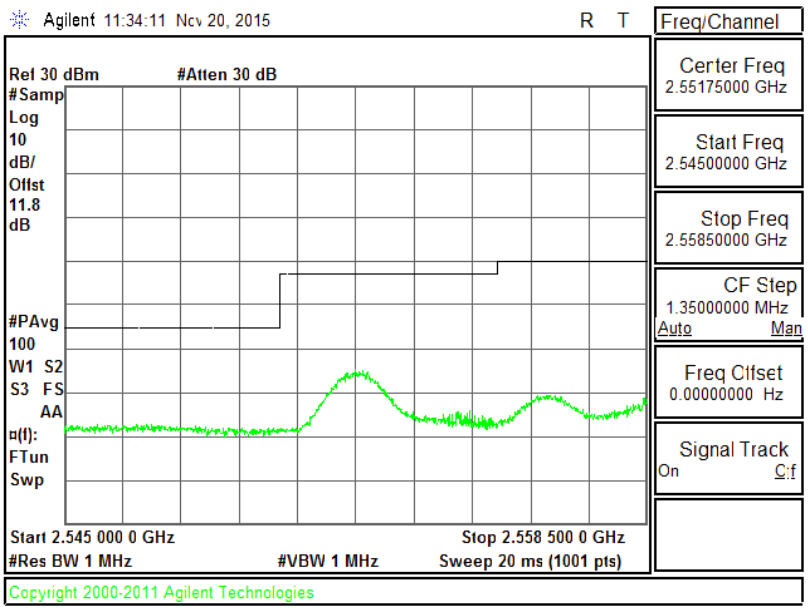
HIGH CH, RB50-0



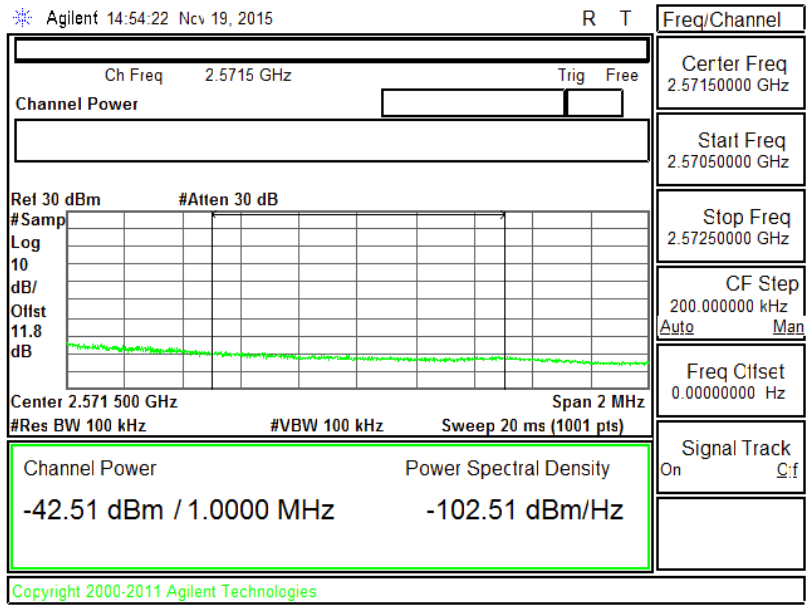
HIGH CH, LOW SIDE, (RB=VB= 1%EBW, 2558-2559MHz)



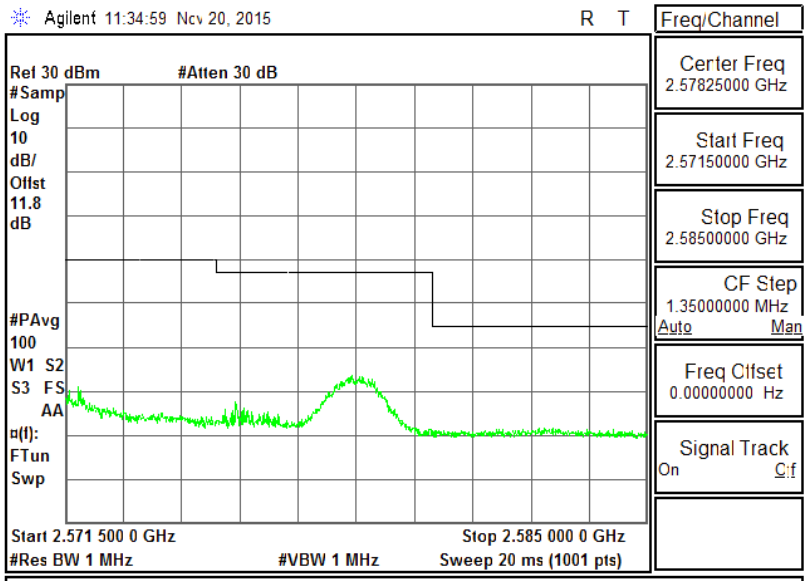
HIGH CH, LOW SIDE, (RB=VB= 1MHz, 2545-2558.5MHz)



HIGH CH, HIGH SIDE, (RB=VB= 1%EBW, 2571-2572MHz)

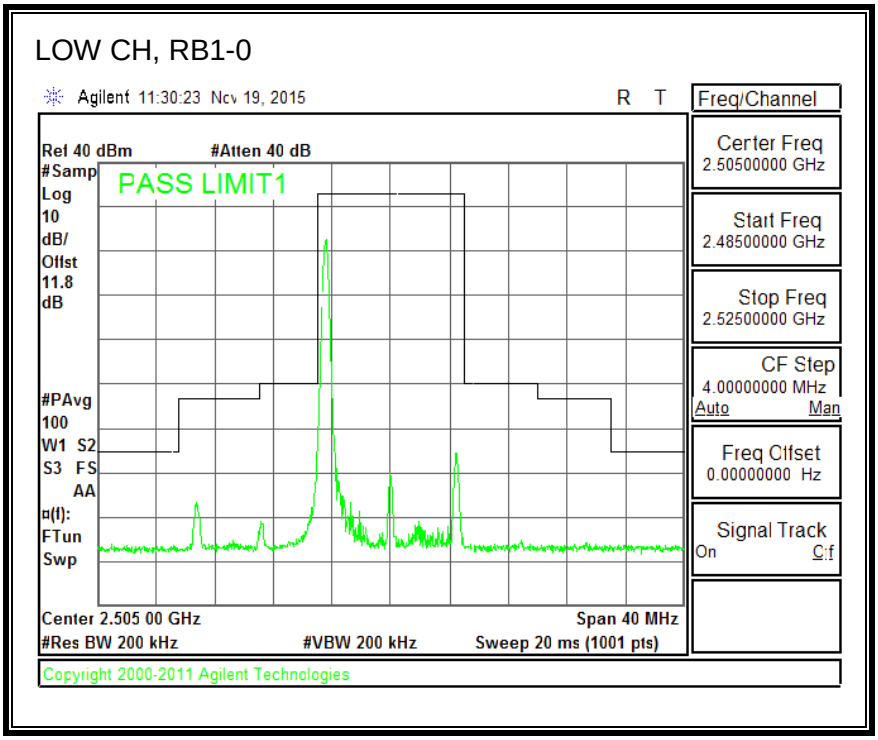


HIGH CH, HIGH SIDE, (RB=VB= 1MHz, 2571.5–2585MHz)

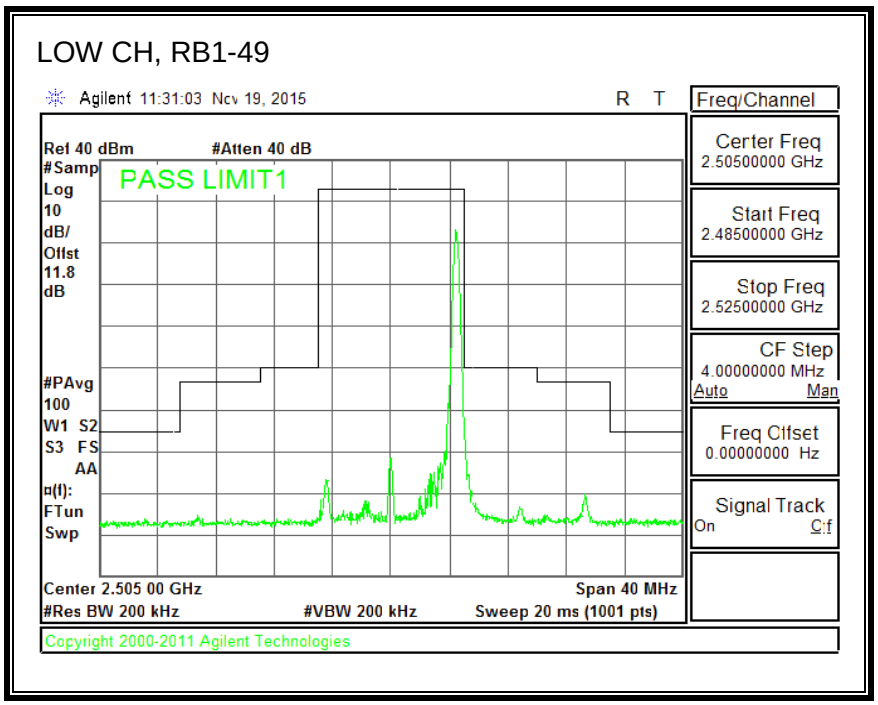


16QAM, (10.0 MHz BAND WIDTH)

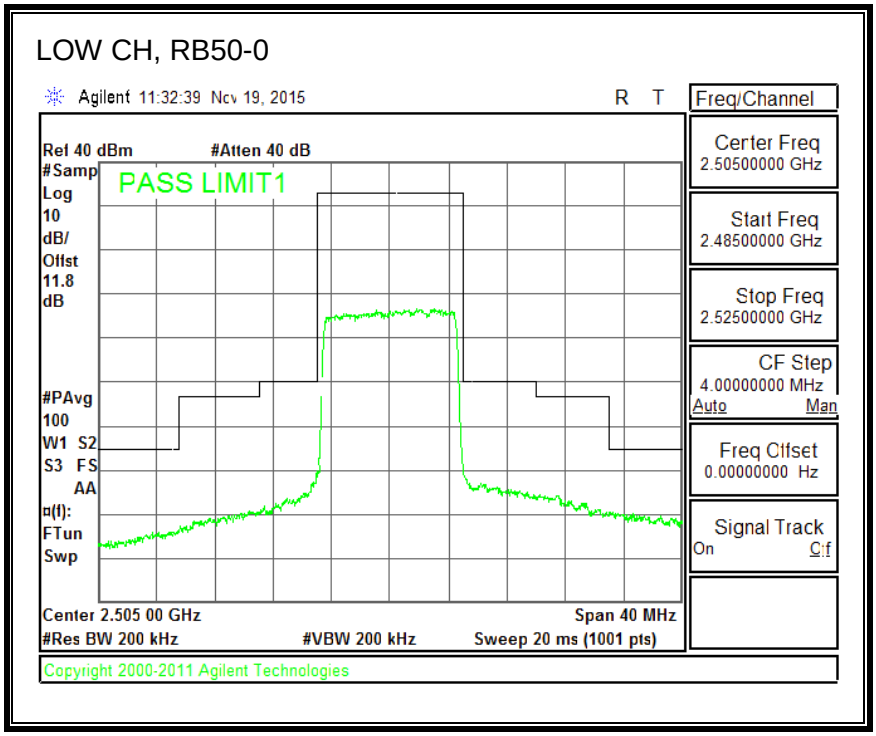
LOW CH, RB1-0



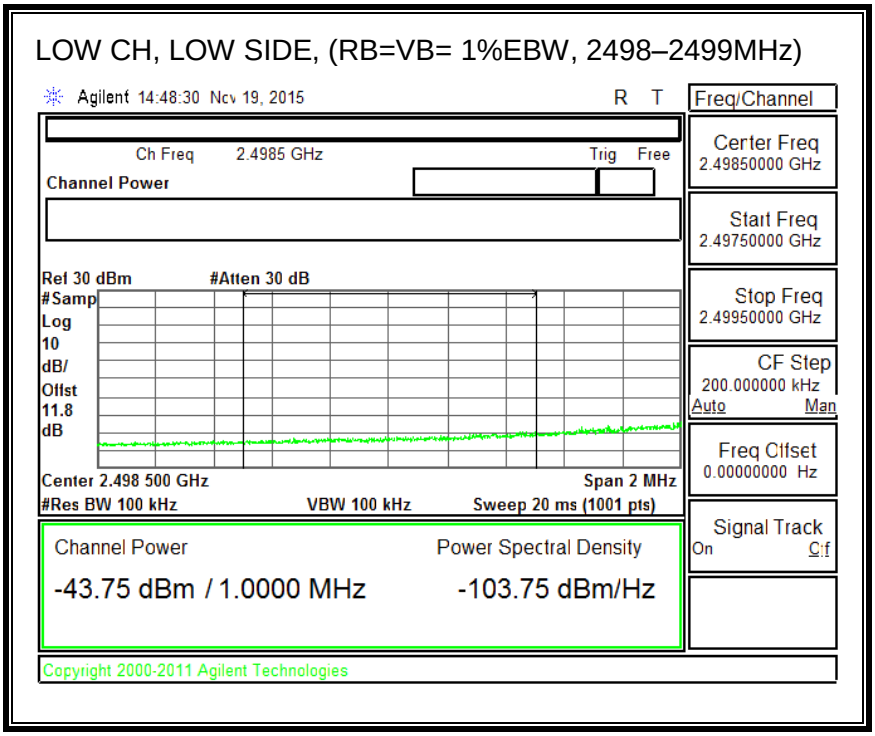
LOW CH, RB1-49



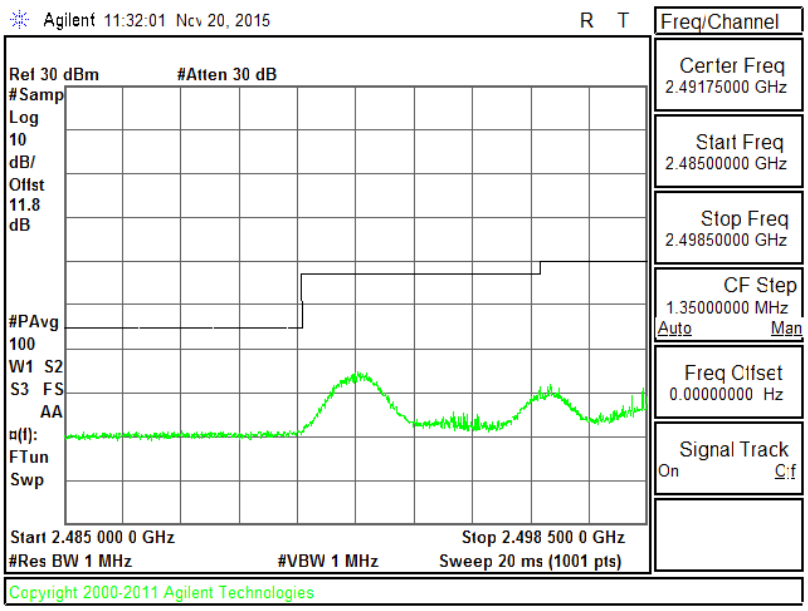
LOW CH, RB50-0



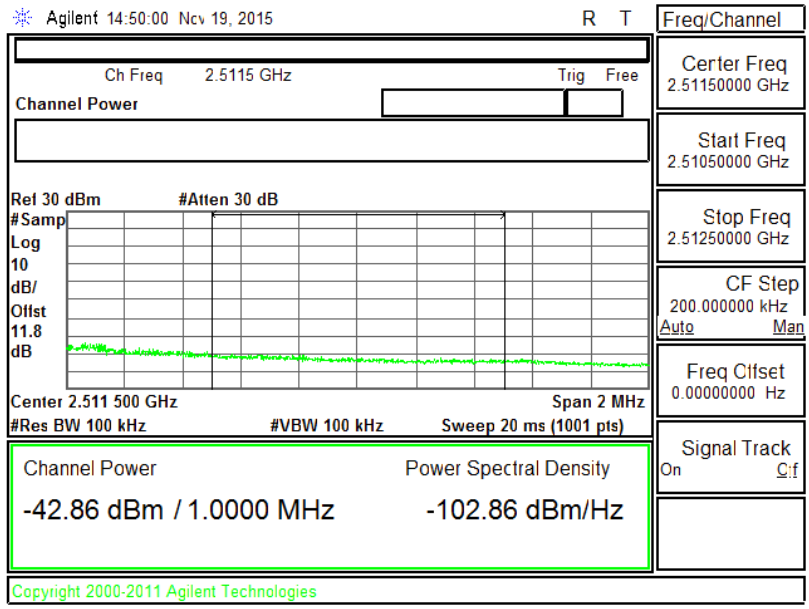
LOW CH, LOW SIDE, (RB=VB= 1%EBW, 2498–2499MHz)



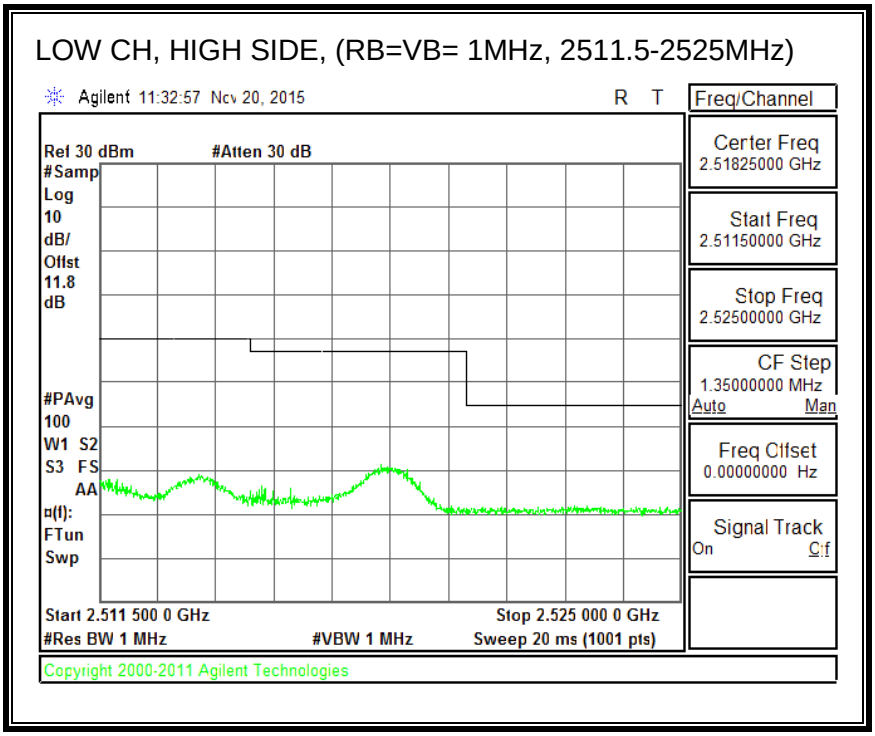
LOW CH, LOW SIDE, (RB=VB= 1MHz, 2485-2498.5MHz)



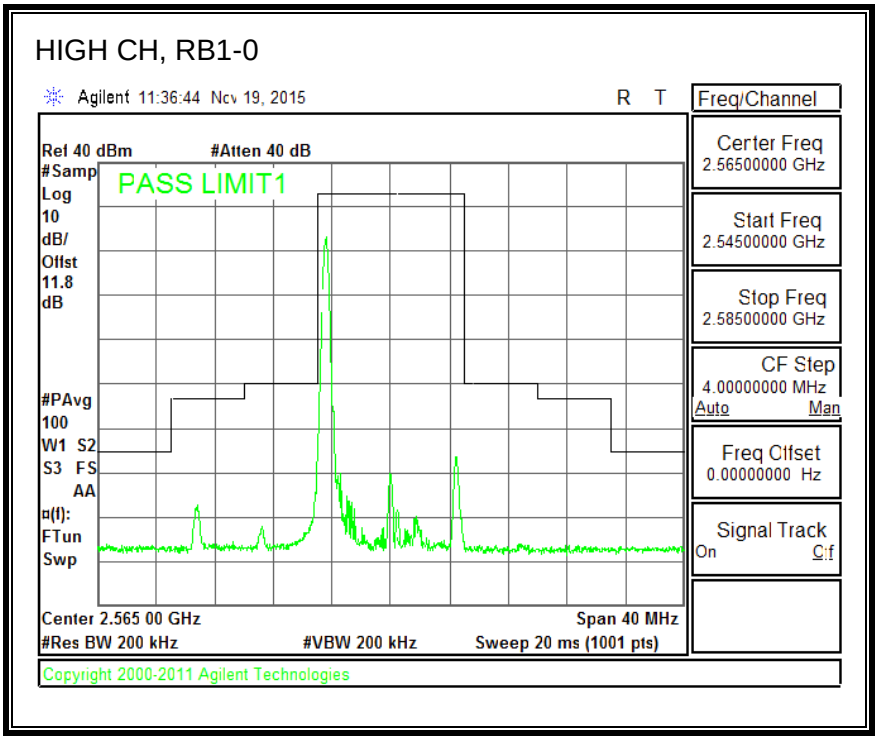
LOW CH, HIGH SIDE, (RB=VB= 1%EBW, 2511-2512MHz)



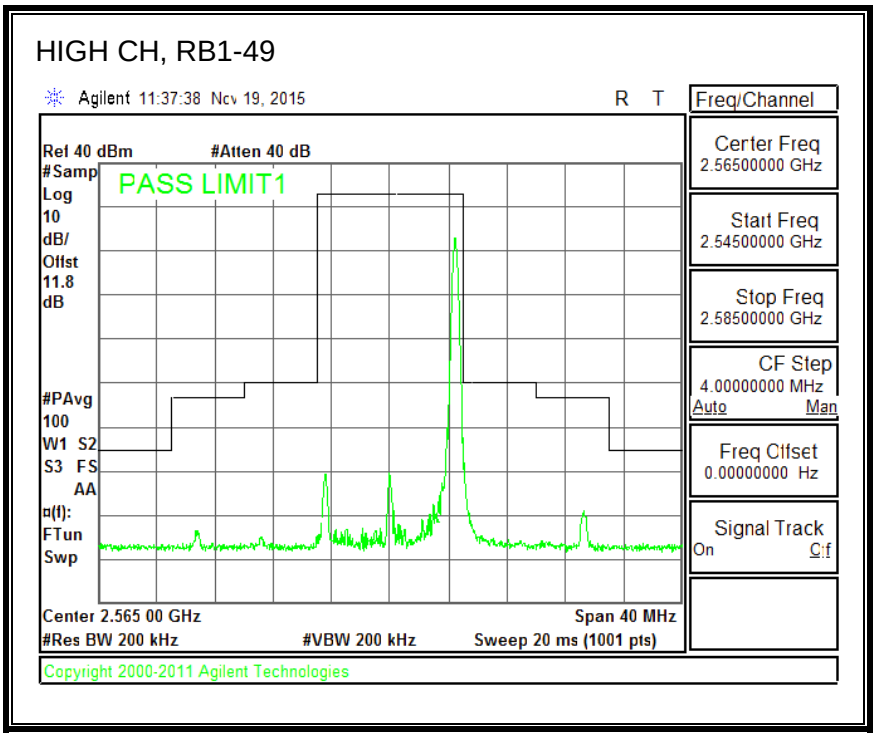
LOW CH, HIGH SIDE, (RB=VB= 1MHz, 2511.5-2525MHz)



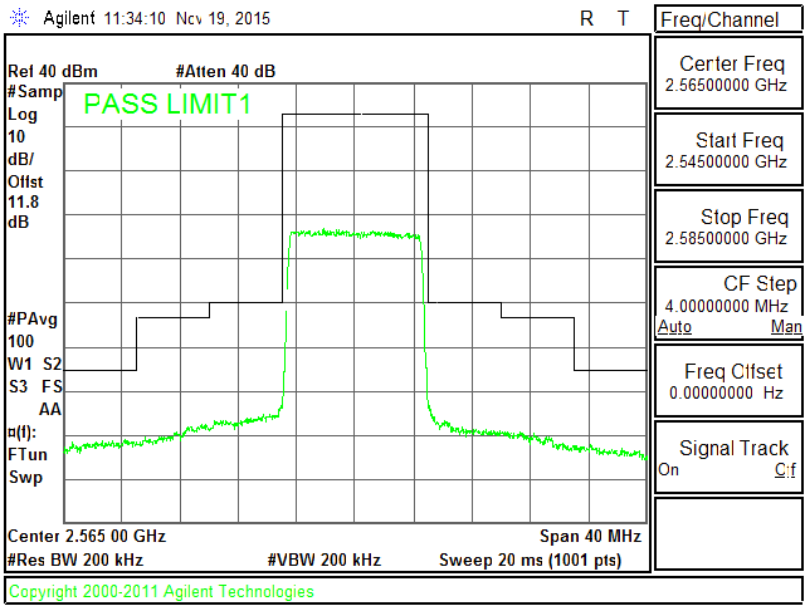
HIGH CH, RB1-0



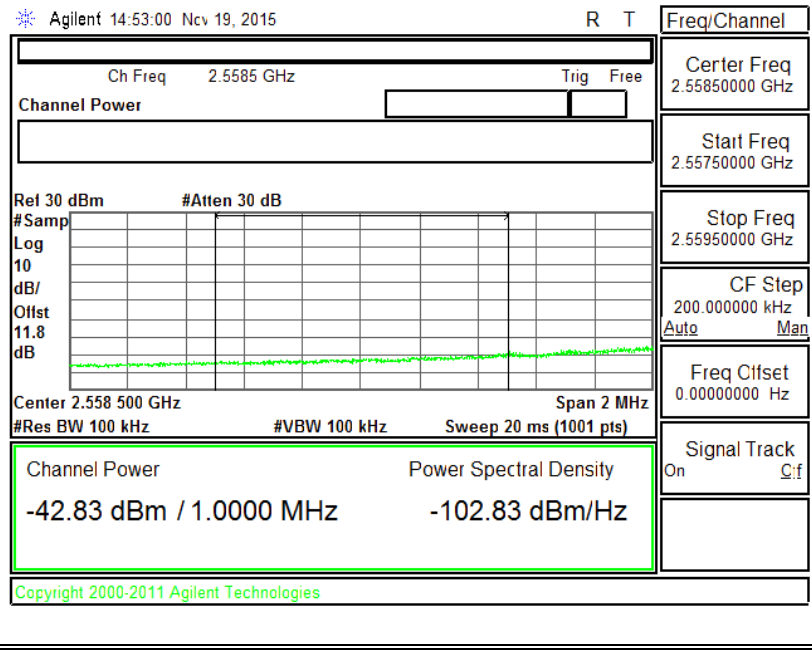
HIGH CH, RB1-49



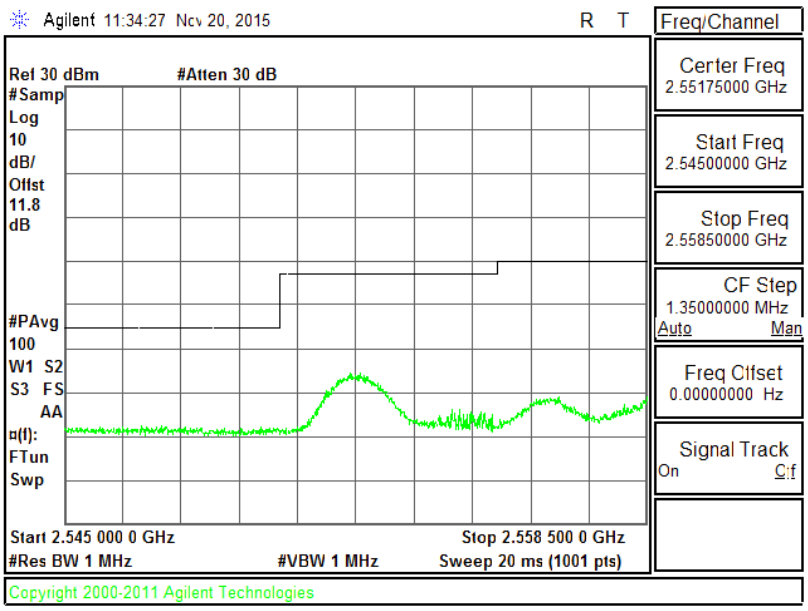
HIGH CH, RB50-0



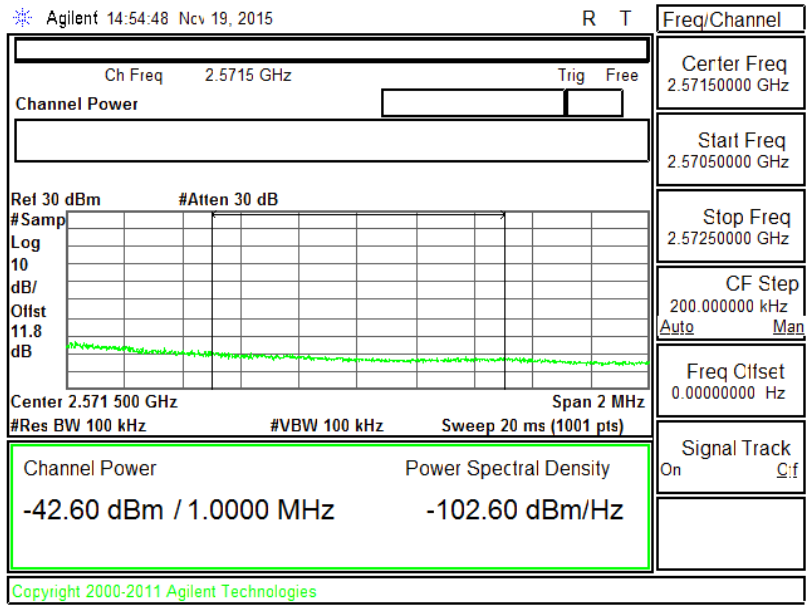
HIGH CH, LOW SIDE, (RB=VB= 1%EBW, 2558-2559MHz)



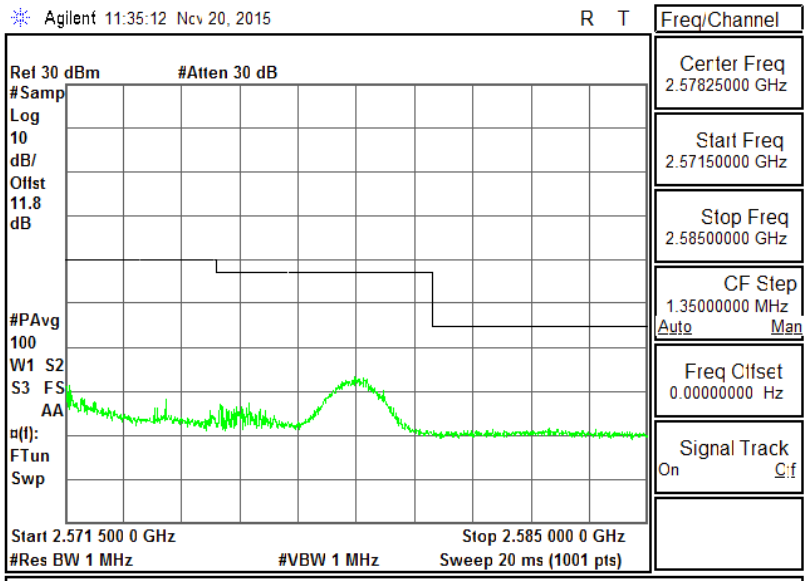
HIGH CH, LOW SIDE, (RB=VB= 1MHz, 2545-2558.5MHz)



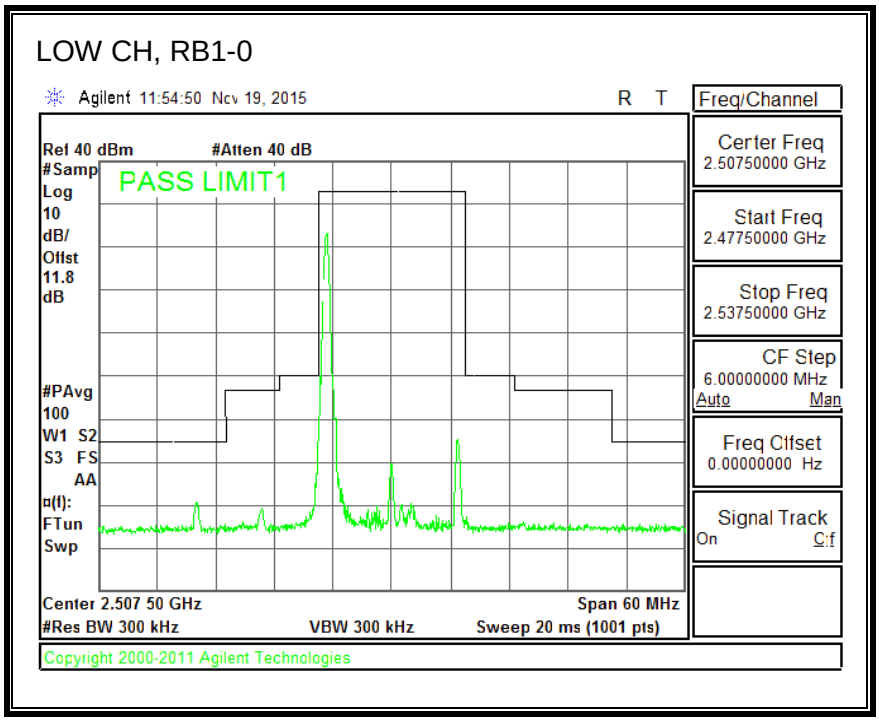
HIGH CH, HIGH SIDE, (RB=VB= 1%EBW, 2571-2572MHz)

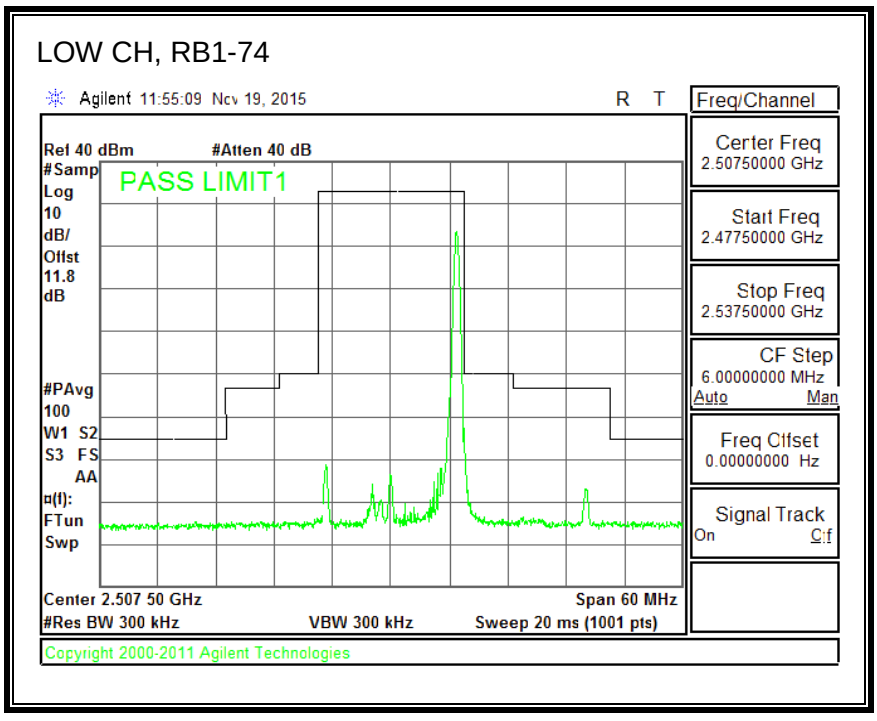


HIGH CH, HIGH SIDE, (RB=VB= 1MHz, 2571.5–2585MHz)

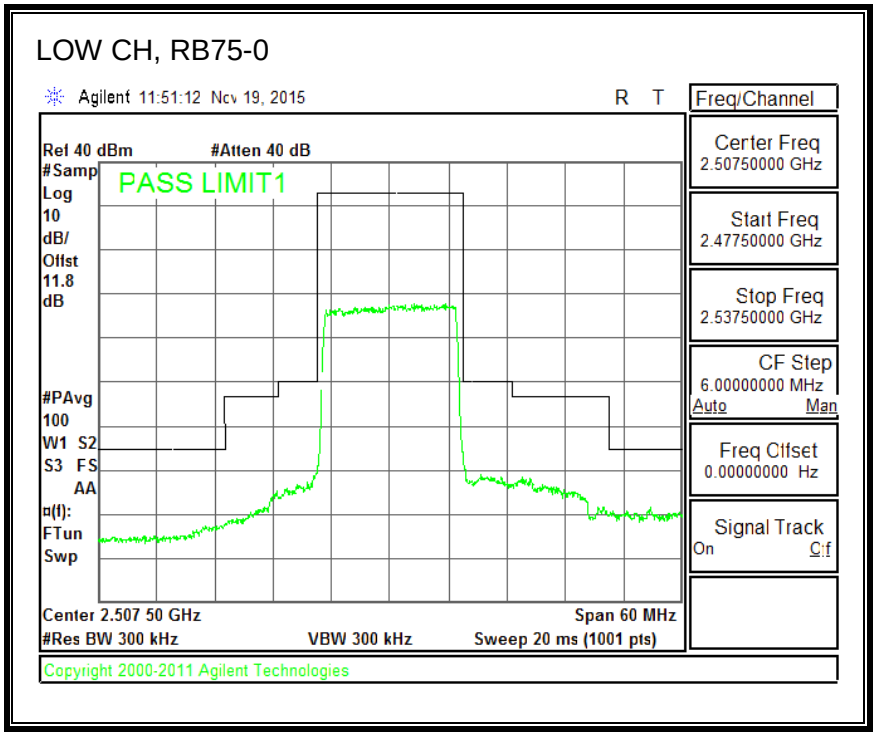


QPSK, (15.0 MHz BAND WIDTH)

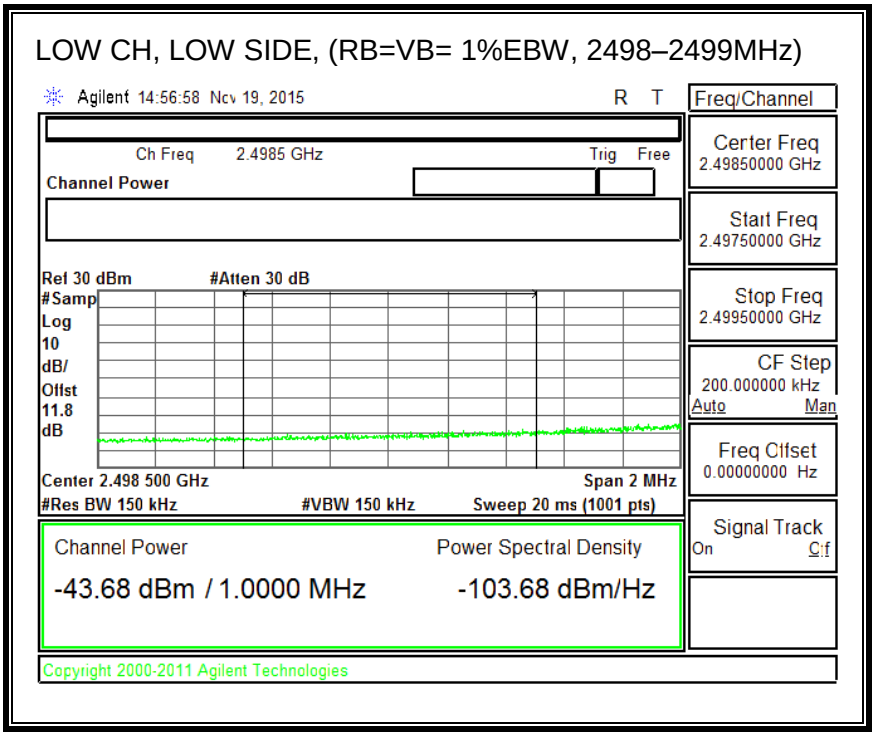




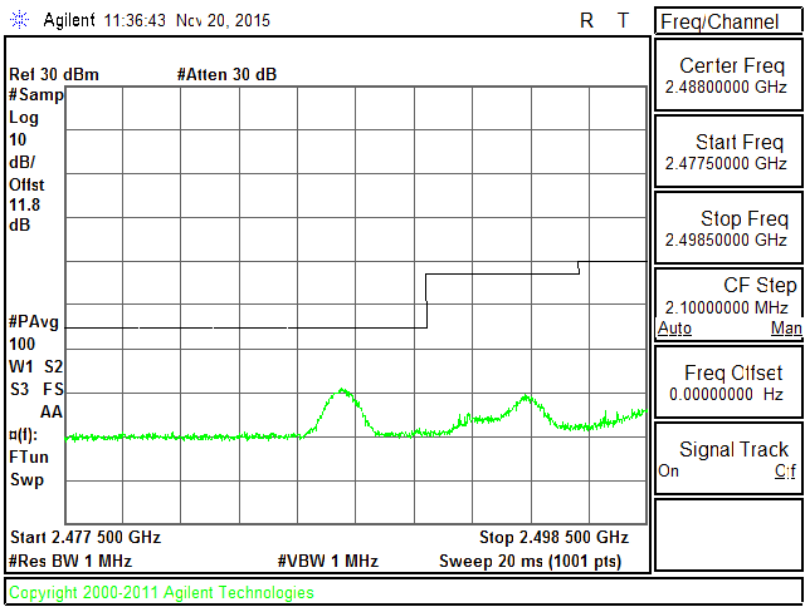
LOW CH, RB75-0



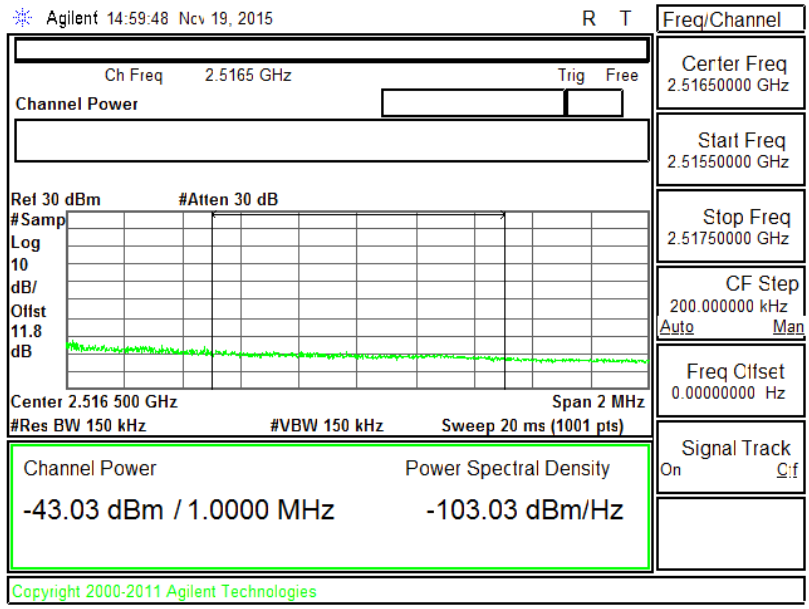
LOW CH, LOW SIDE, (RB=VB= 1%EBW, 2498–2499MHz)



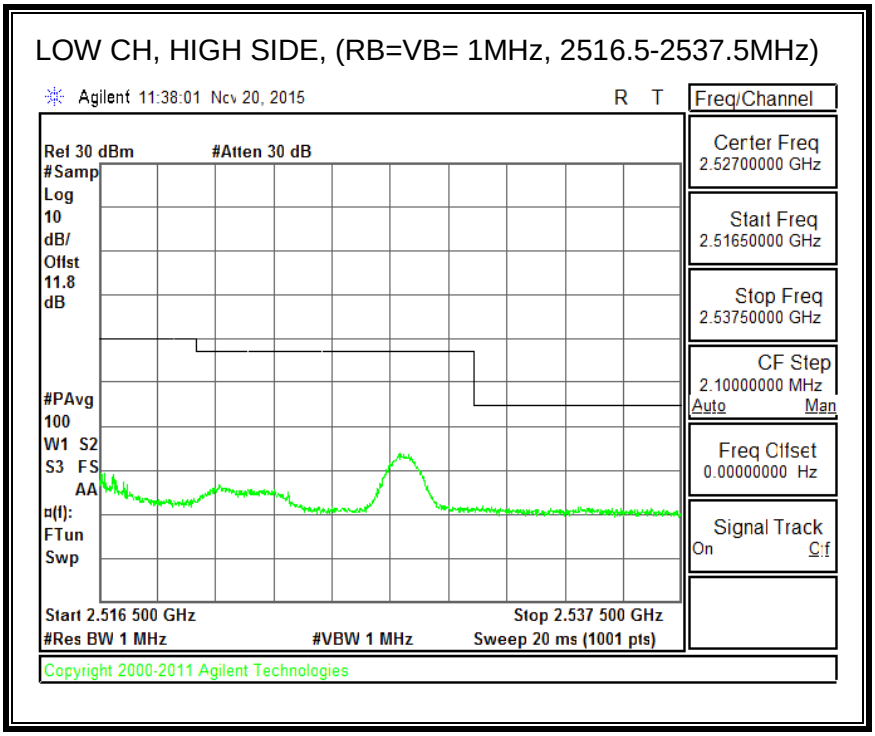
LOW CH, LOW SIDE, (RB=VB= 1MHz, 2477.5-2498.5MHz)



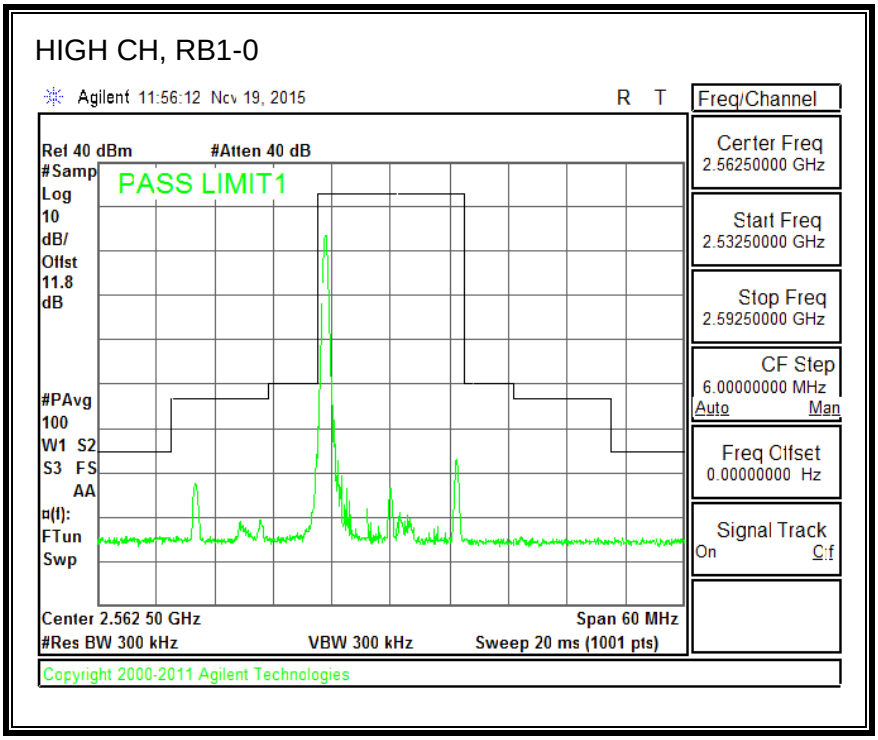
LOW CH, HIGH SIDE, (RB=VB= 1%EBW, 2516-2517MHz)



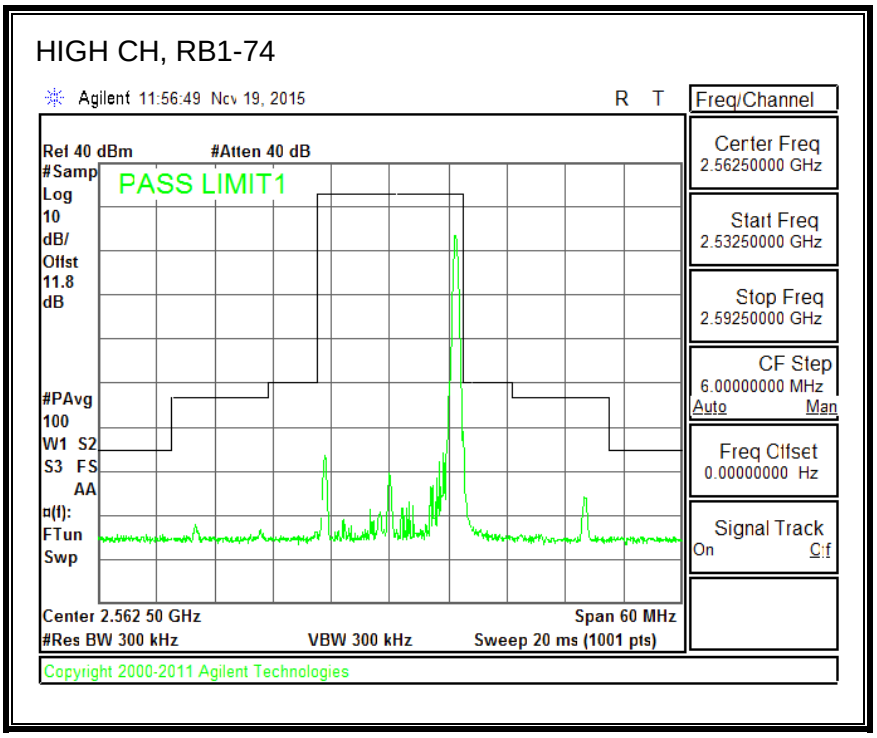
LOW CH, HIGH SIDE, (RB=VB= 1MHz, 2516.5-2537.5MHz)



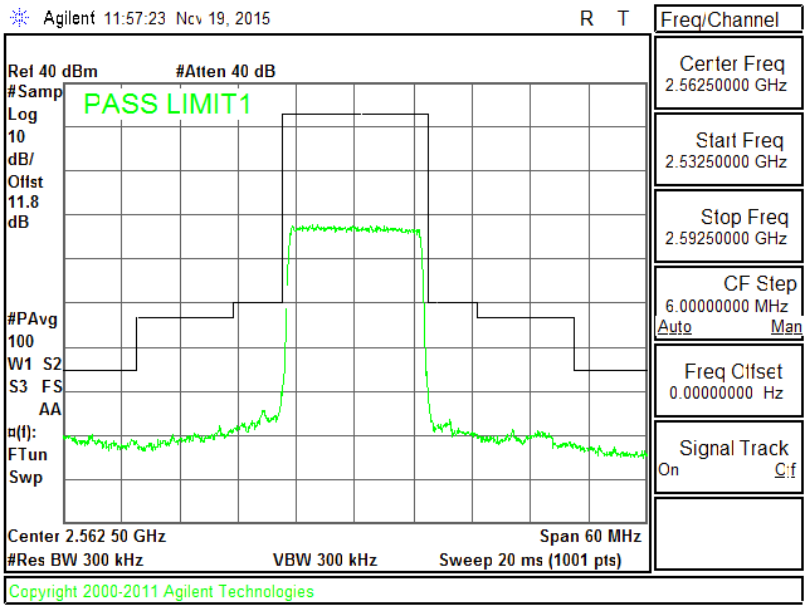
HIGH CH, RB1-0



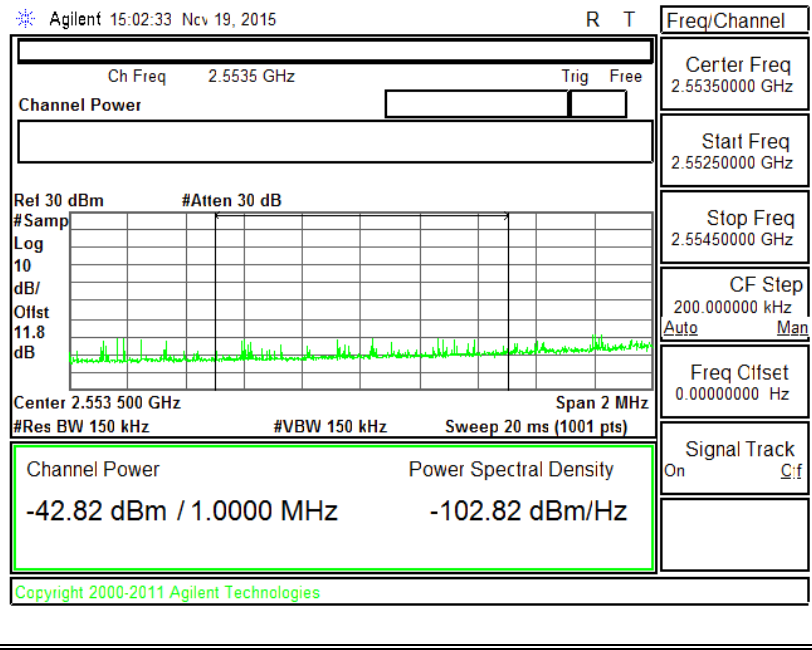
HIGH CH, RB1-74



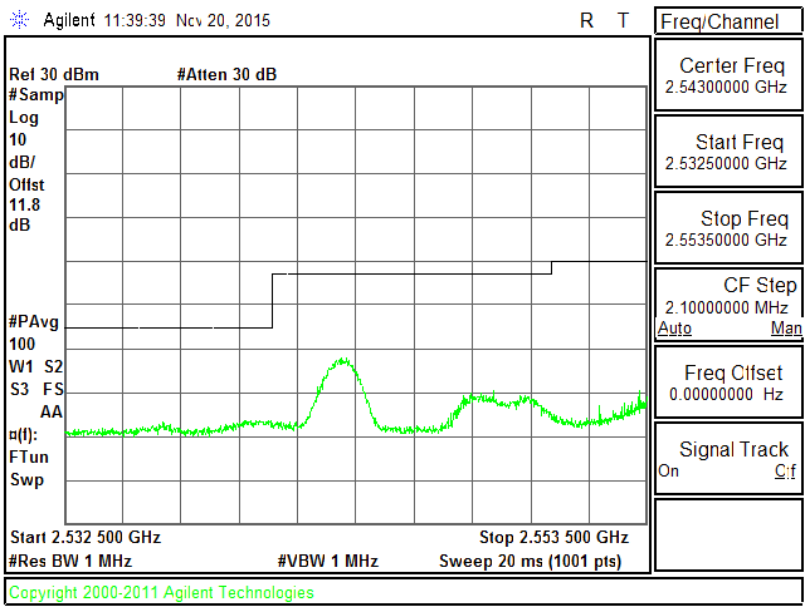
HIGH CH, RB75-0



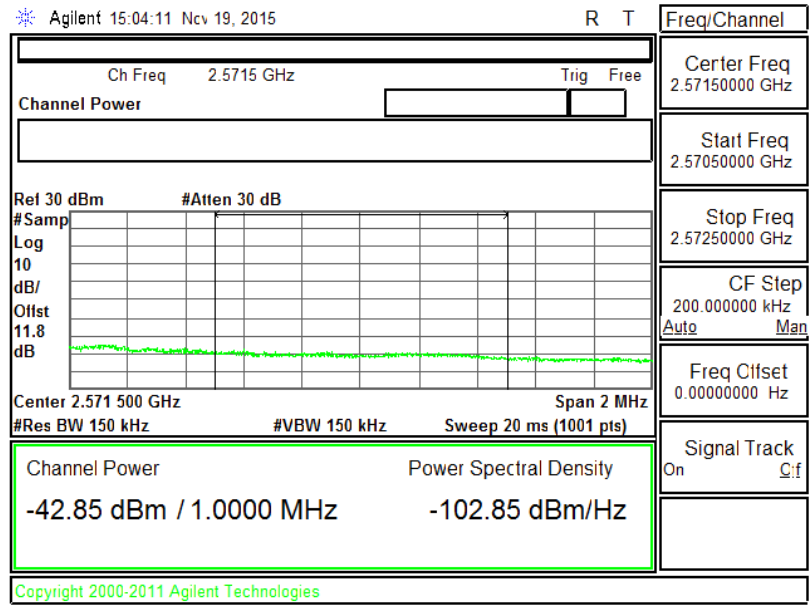
HIGH CH, LOW SIDE, (RB=VB= 1%EBW, 2553-2554MHz)



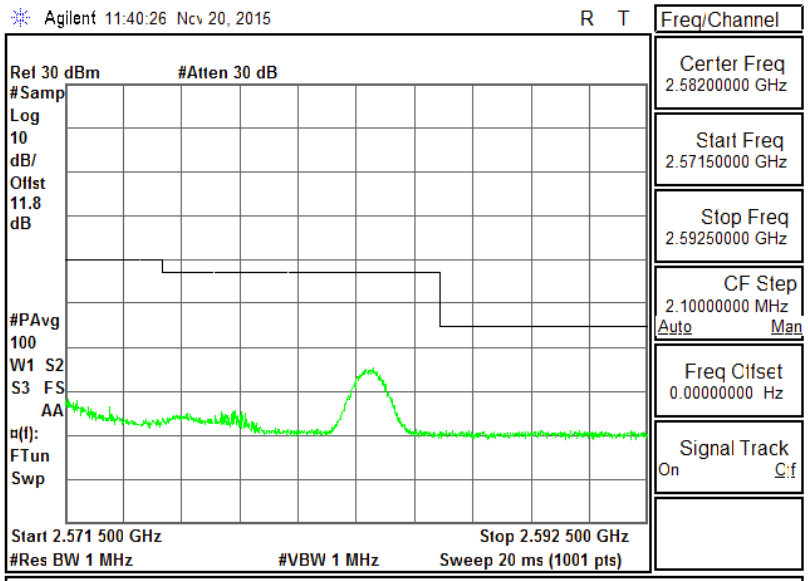
HIGH CH, LOW SIDE, (RB=VB= 1MHz, 2532.5-2553.5MHz)



HIGH CH, HIGH SIDE, (RB=VB= 1%EBW, 2571-2572MHz)

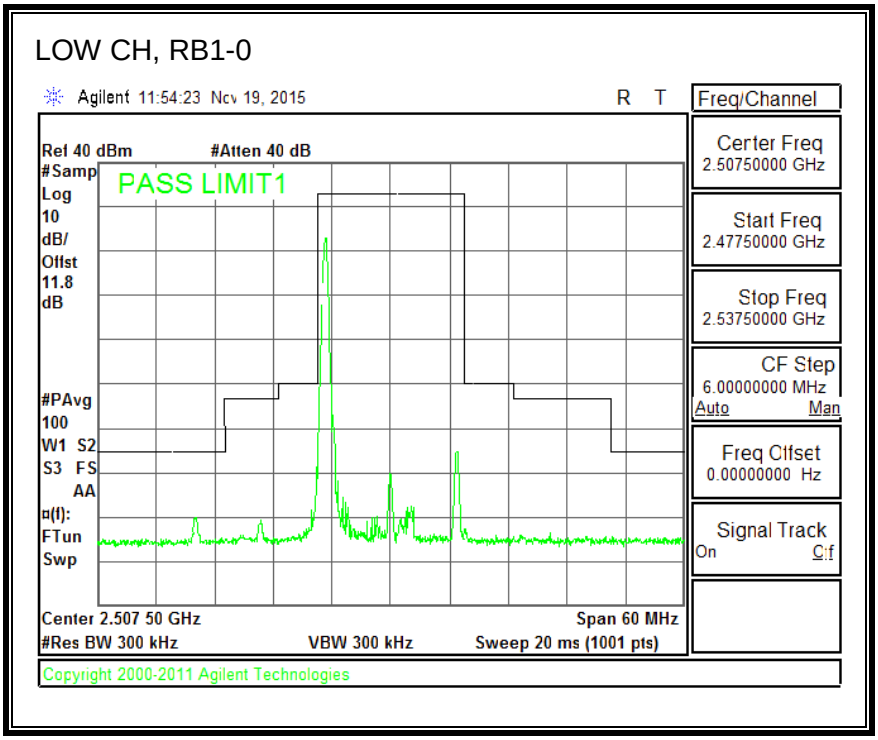


HIGH CH, HIGH SIDE, (RB=VB= 1MHz, 2571.5–2592.5MHz)

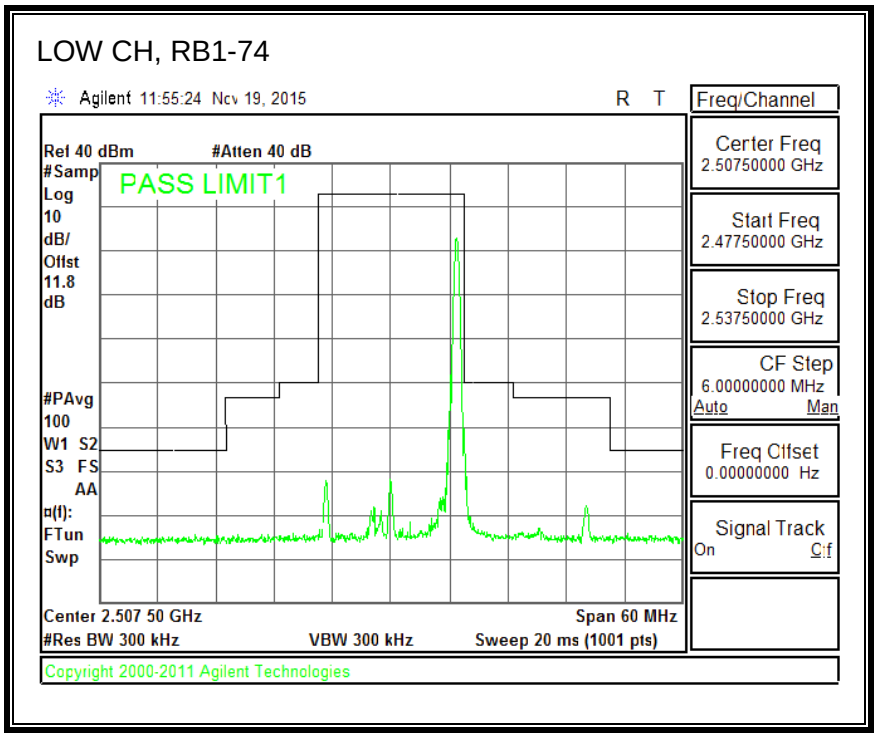


16QAM, (15.0 MHz BAND WIDTH)

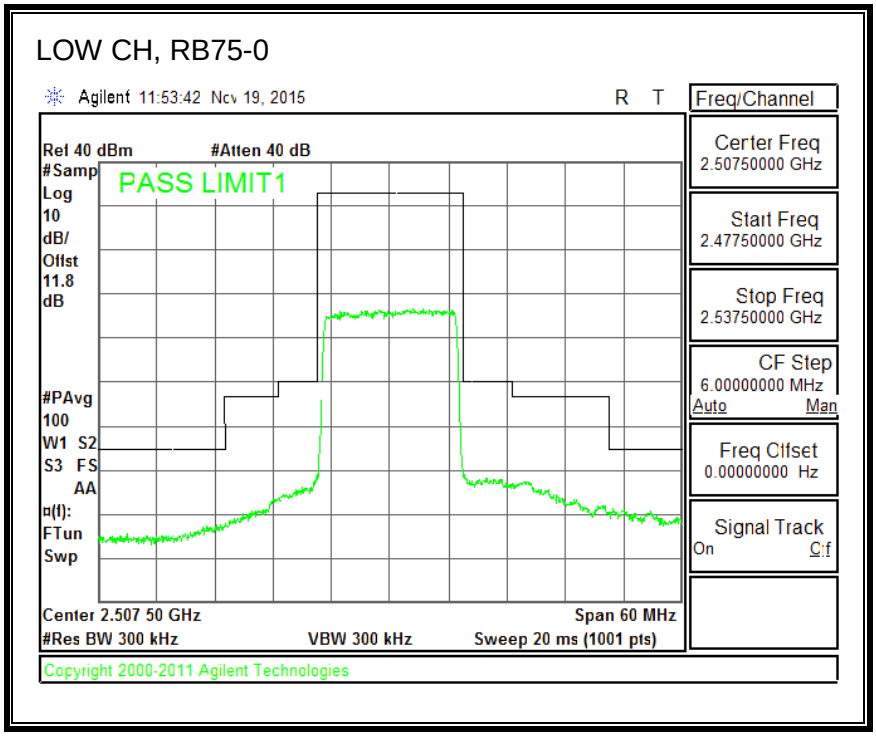
LOW CH, RB1-0



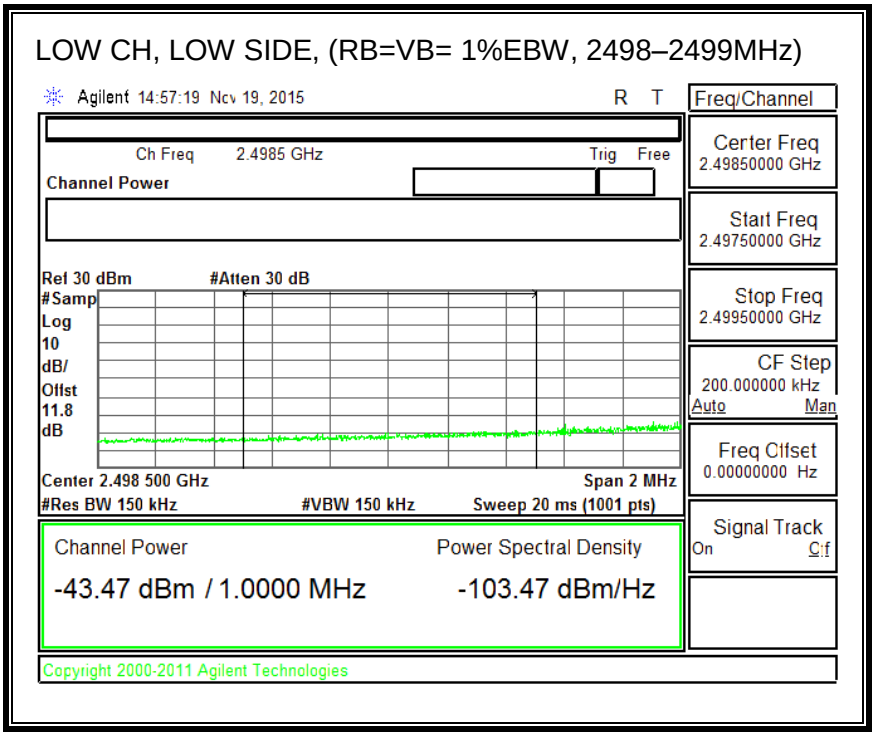
LOW CH, RB1-74



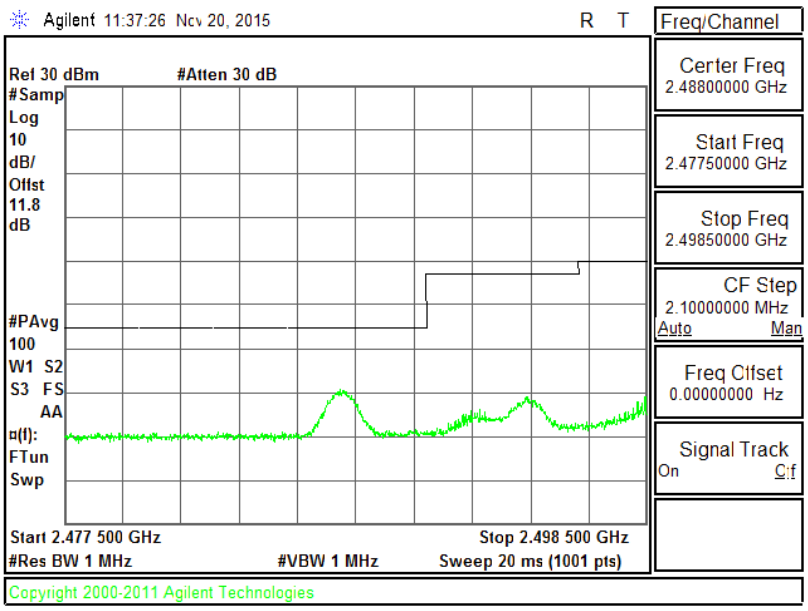
LOW CH, RB75-0



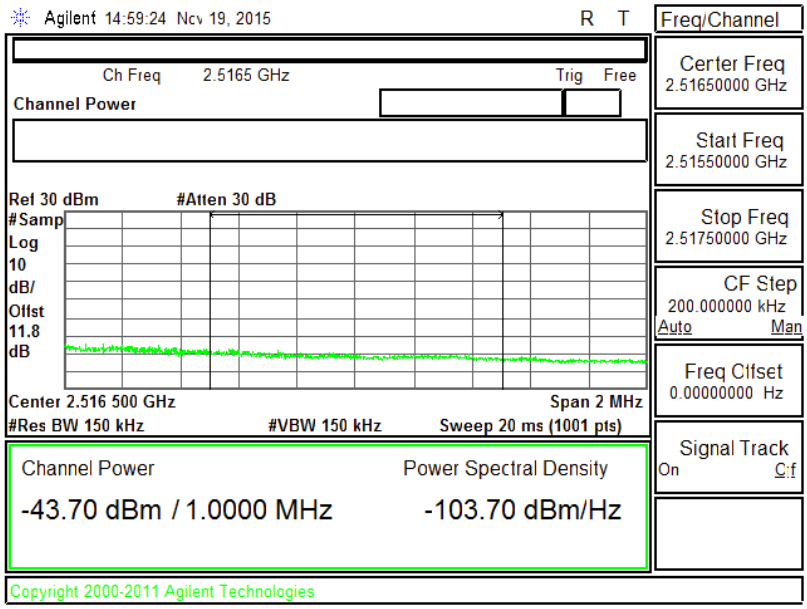
LOW CH, LOW SIDE, (RB=VB= 1%EBW, 2498–2499MHz)



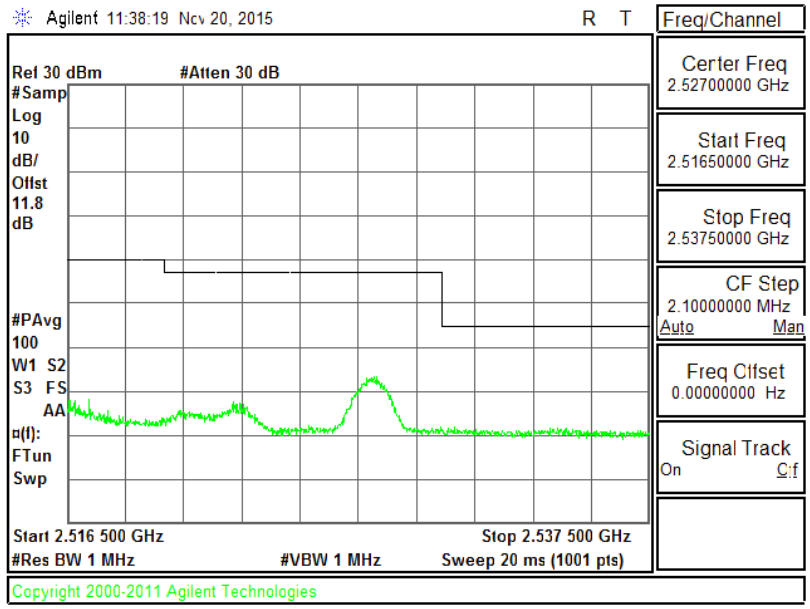
LOW CH, LOW SIDE, (RB=VB= 1MHz, 2477.5-2498.5MHz)



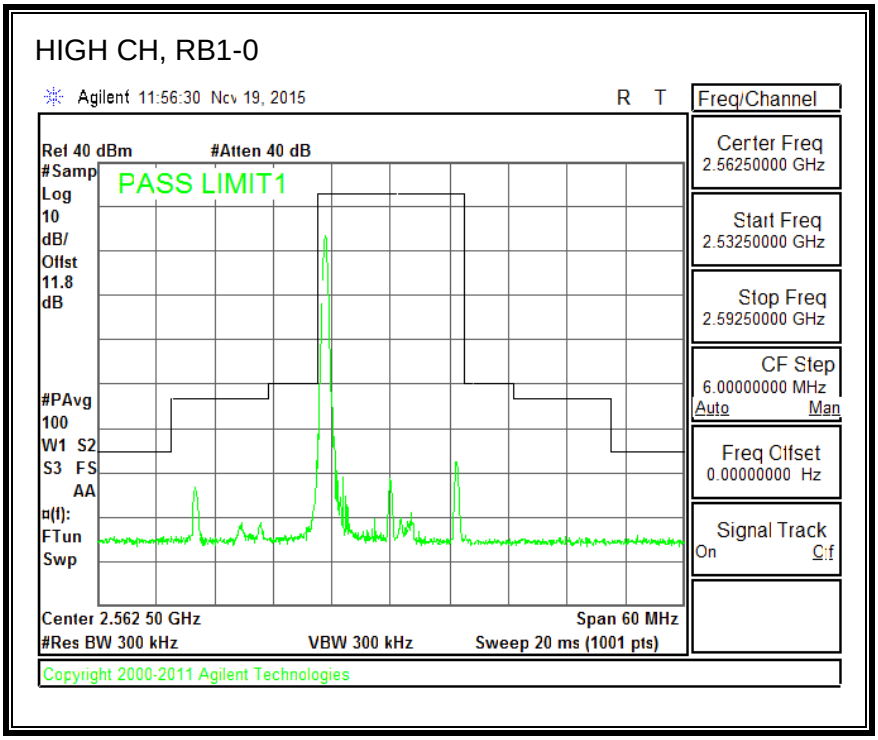
LOW CH, HIGH SIDE, (RB=VB= 1%EBW, 2516-2517MHz)



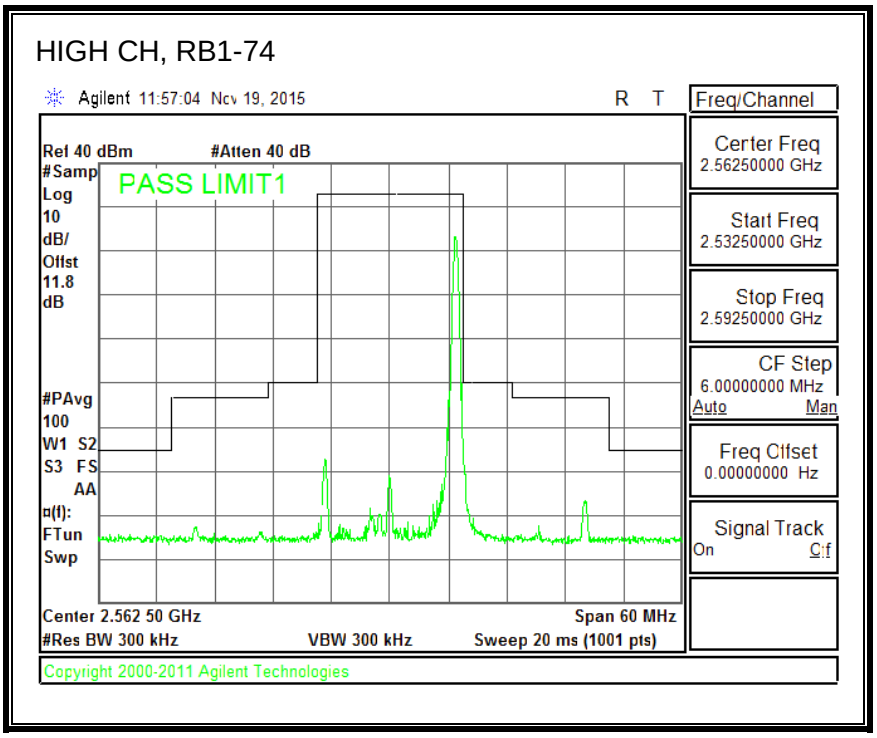
LOW CH, HIGH SIDE, (RB=VB= 1MHz, 2516.5-2537.5MHz)



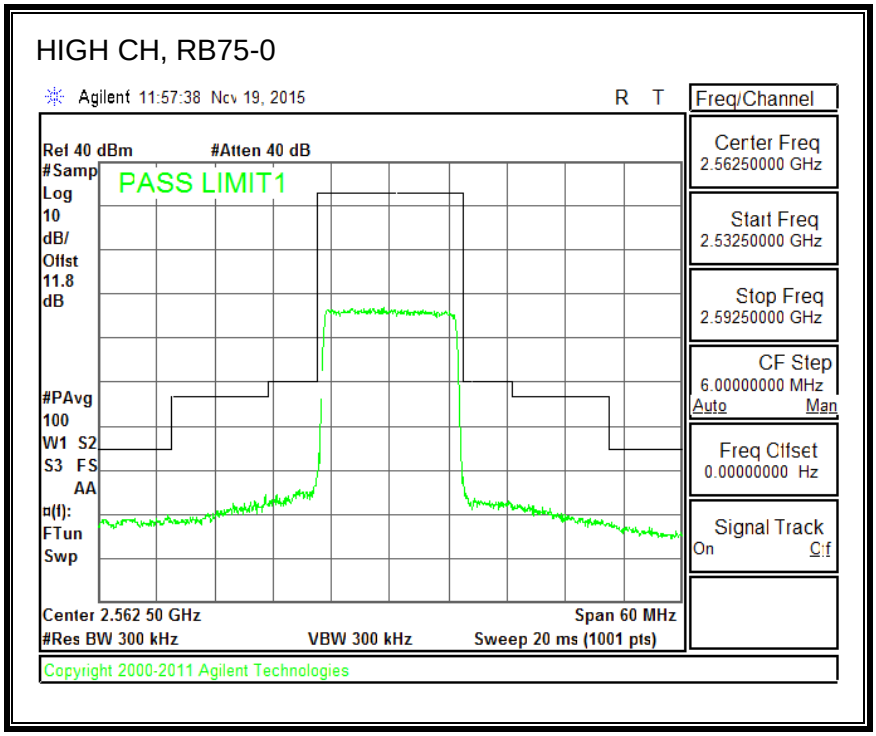
HIGH CH, RB1-0



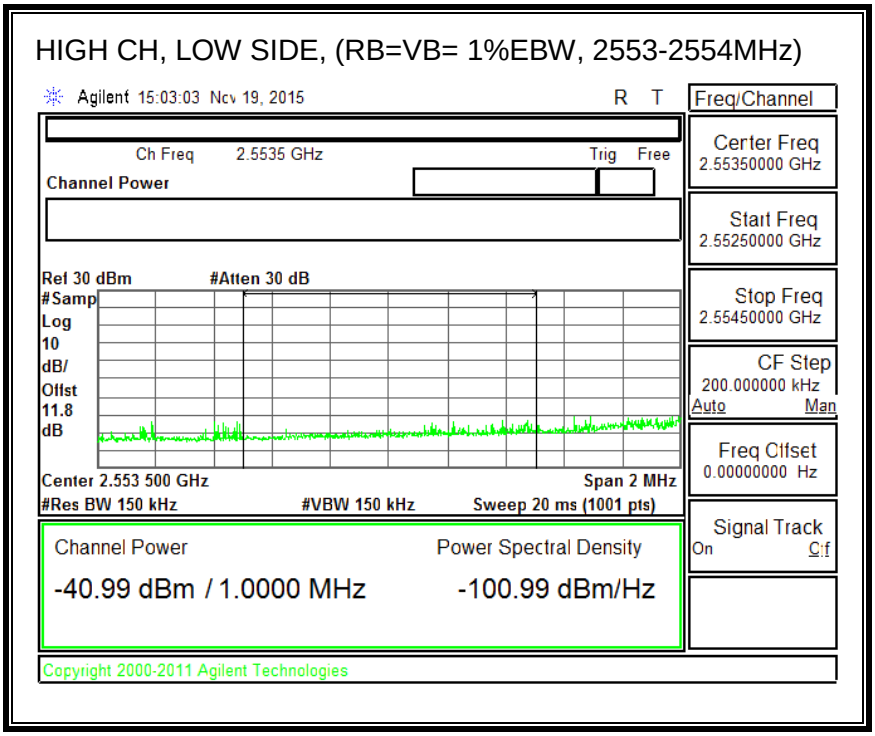
HIGH CH, RB1-74



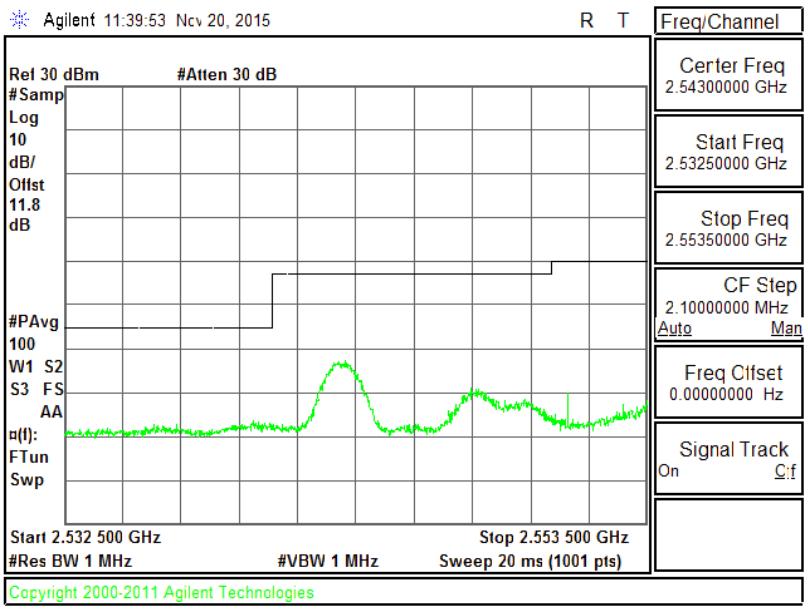
HIGH CH, RB75-0



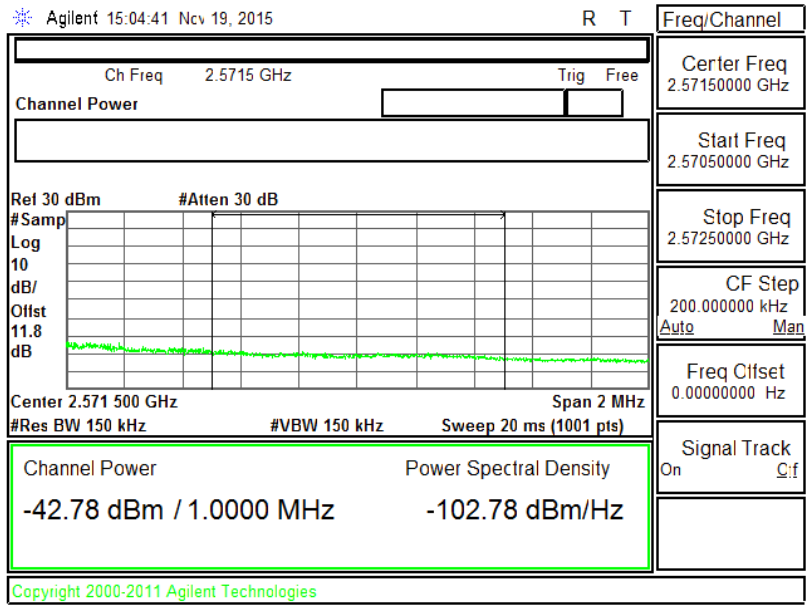
HIGH CH, LOW SIDE, (RB=VB= 1%EBW, 2553-2554MHz)



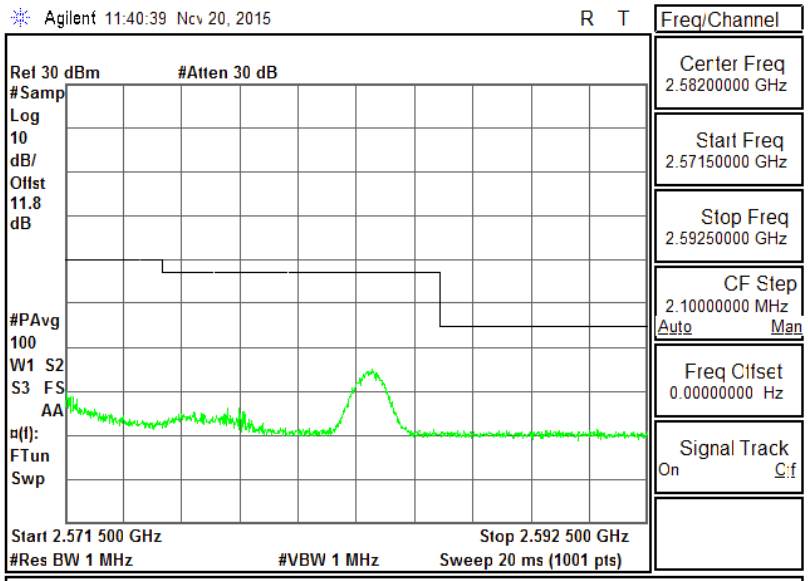
HIGH CH, LOW SIDE, (RB=VB= 1MHz, 2532.5-2553.5MHz)



HIGH CH, HIGH SIDE, (RB=VB= 1%EBW, 2571-2572MHz)

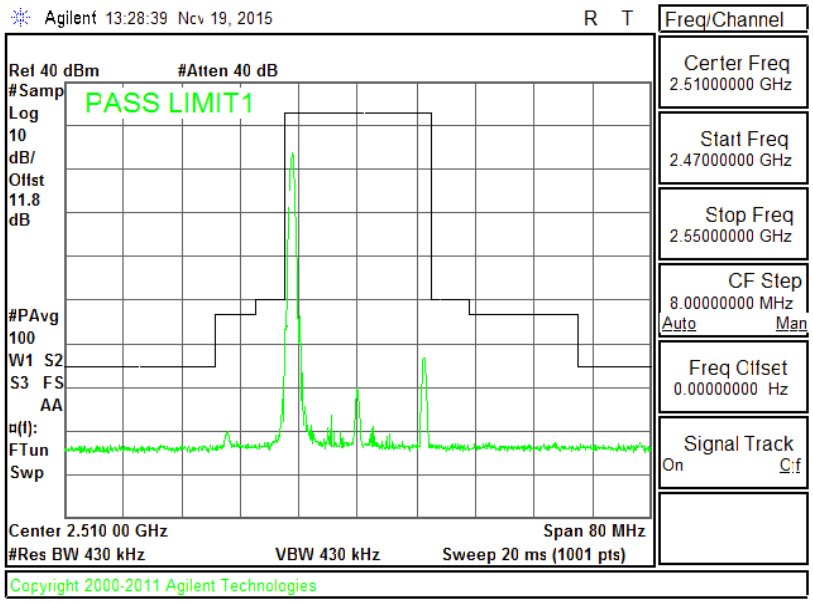


HIGH CH, HIGH SIDE, (RB=VB= 1MHz, 2571.5–2592.5MHz)

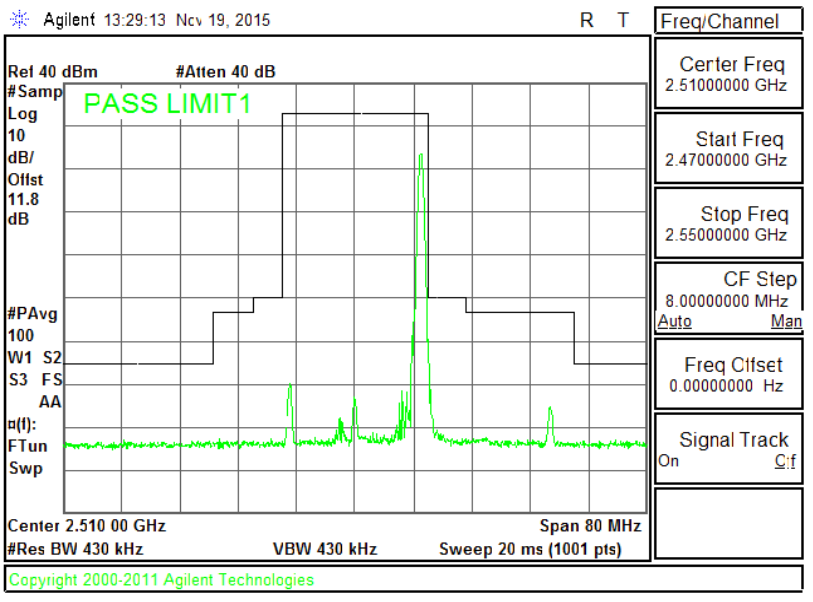


QPSK, (20.0 MHz BAND WIDTH)

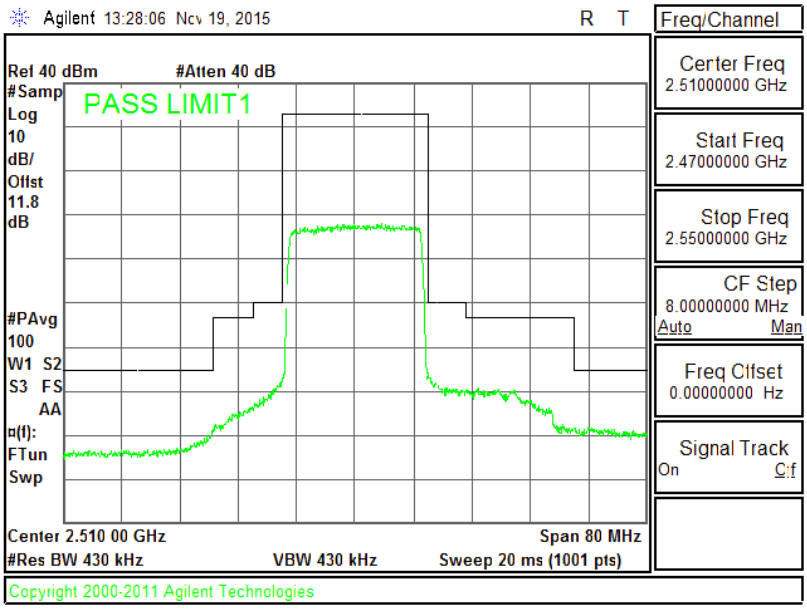
LOW CH, RB1-0



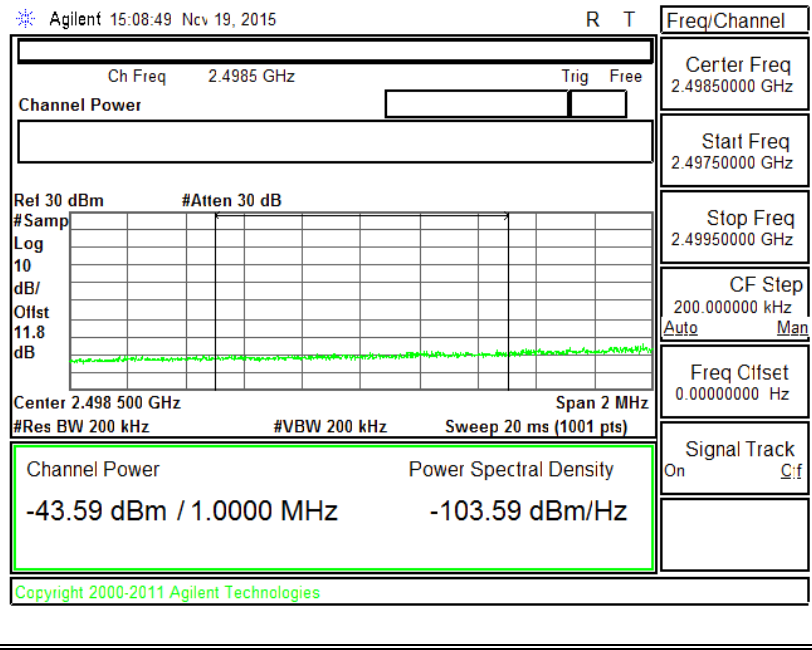
LOW CH, RB1-99



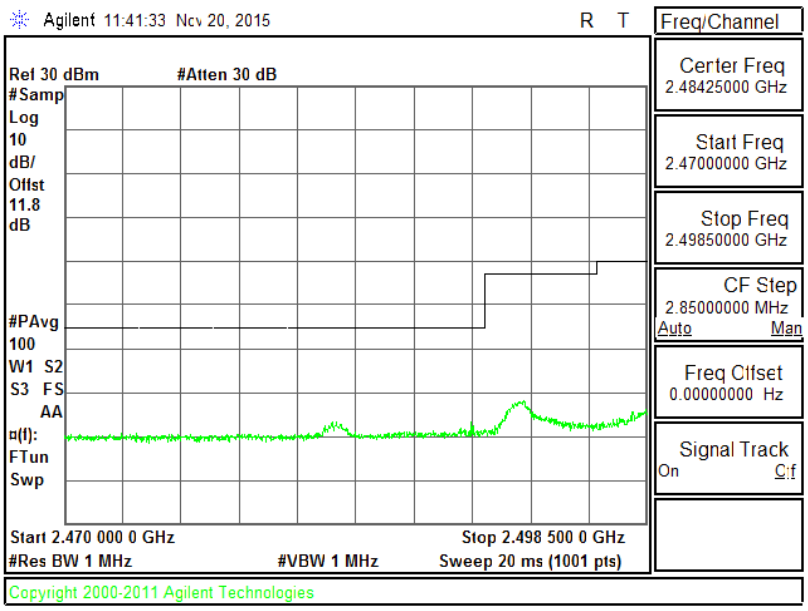
LOW CH, RB100-0



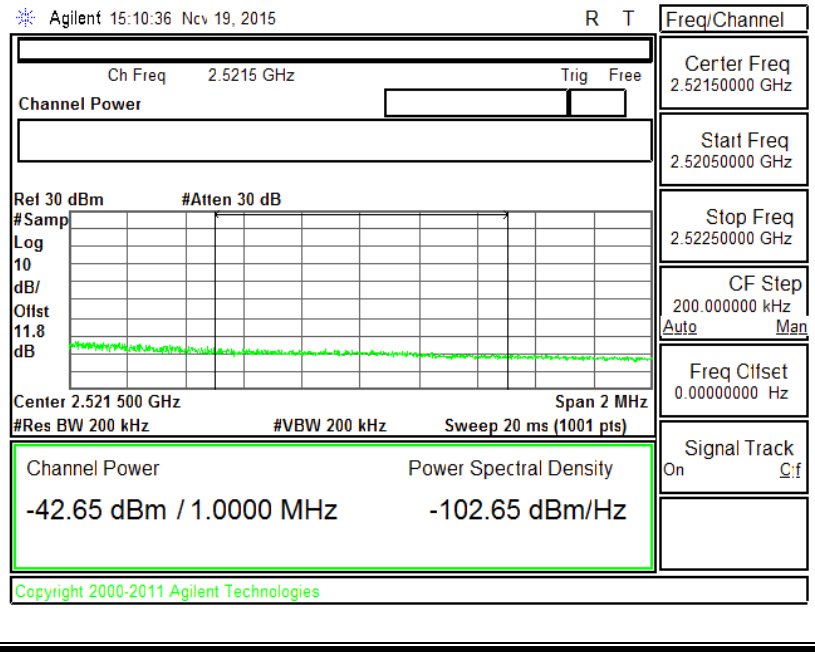
LOW CH, LOW SIDE, (RB=VB= 1%EBW, 2498–2499MHz)



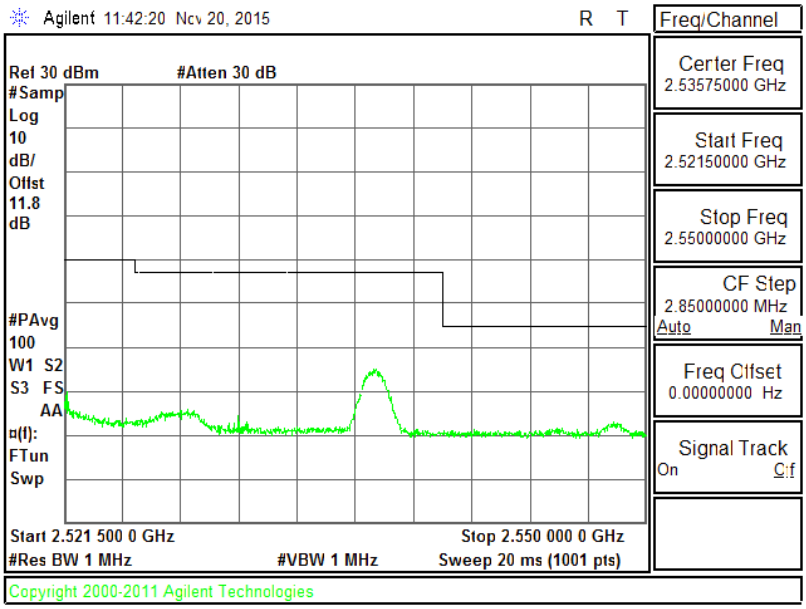
LOW CH, LOW SIDE, (RB=VB= 1MHz, 2470-2498.5MHz)



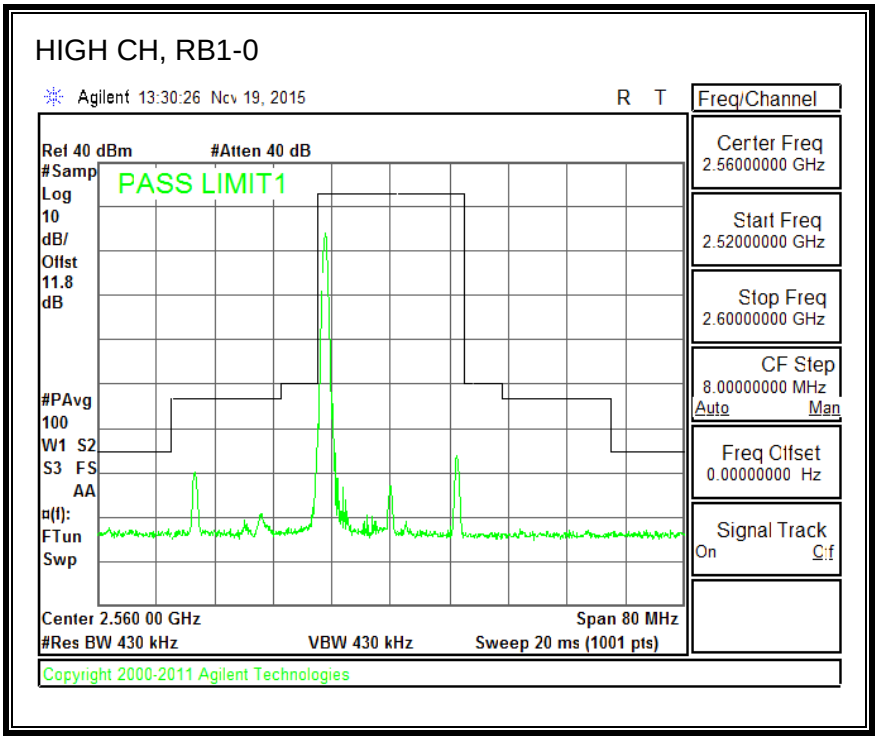
LOW CH, HIGH SIDE, (RB=VB= 1%EBW, 2521-2522MHz)



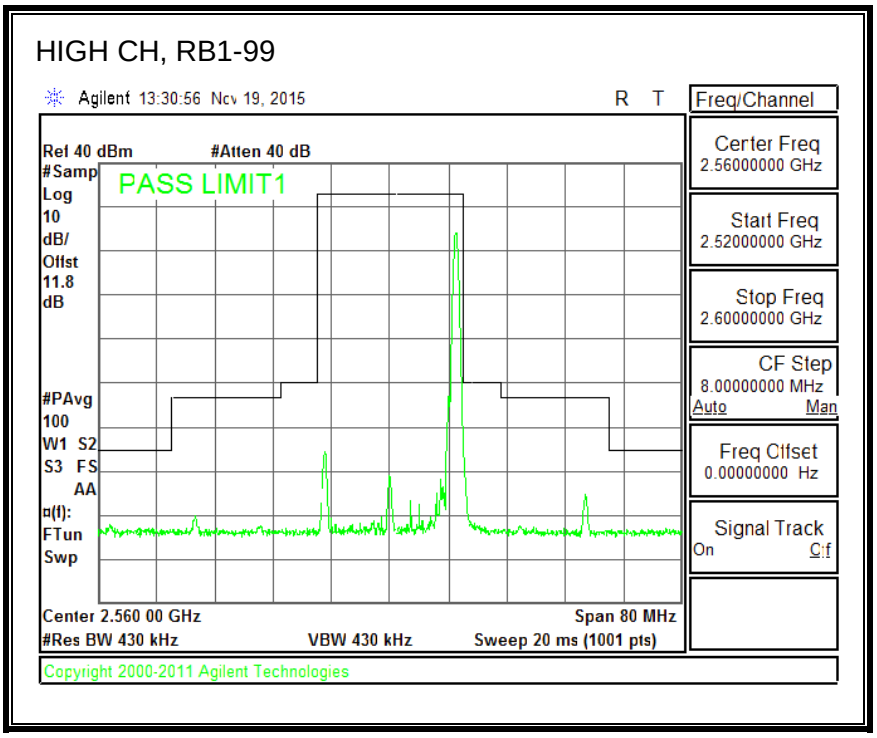
LOW CH, HIGH SIDE, (RB=VB= 1MHz, 2521.5-2550MHz)



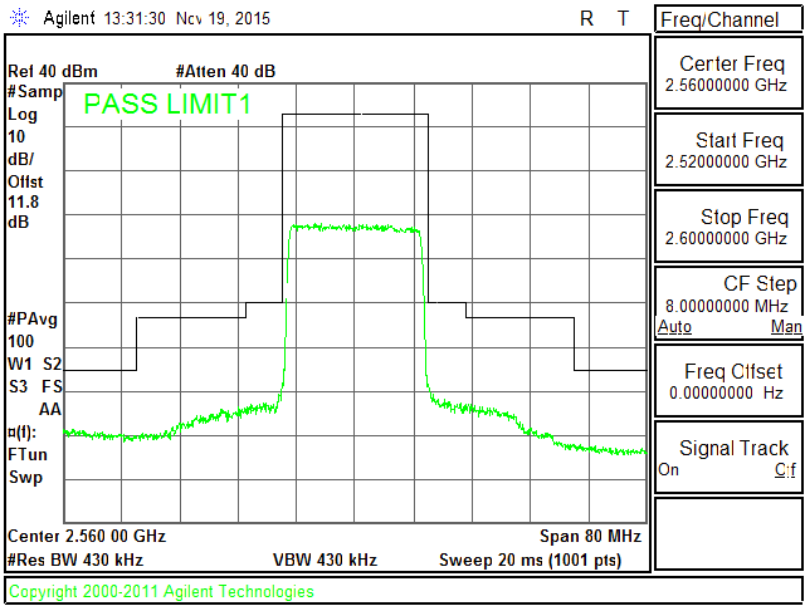
HIGH CH, RB1-0



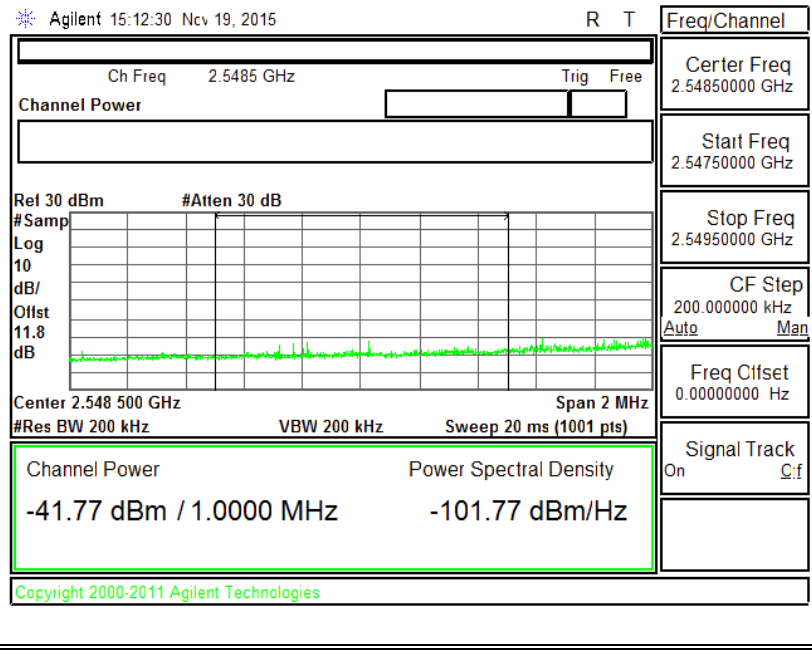
HIGH CH, RB1-99



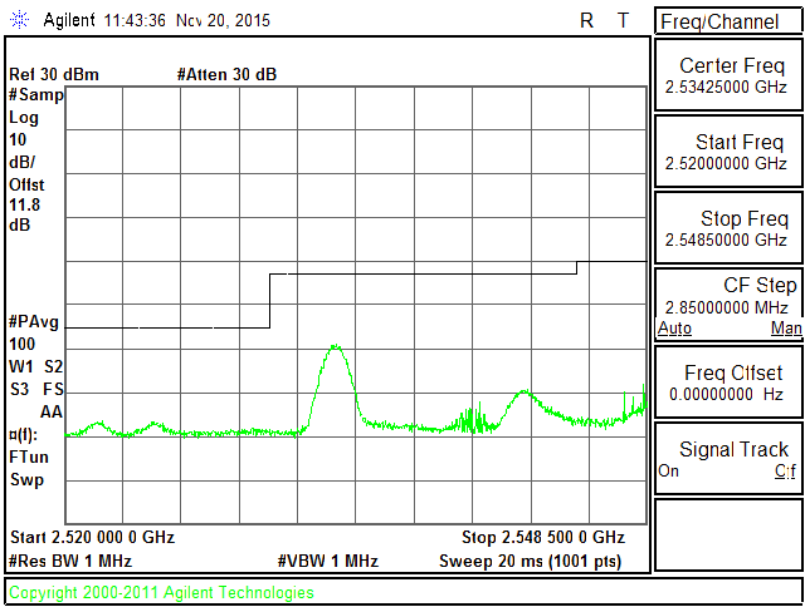
HIGH CH, RB100-0



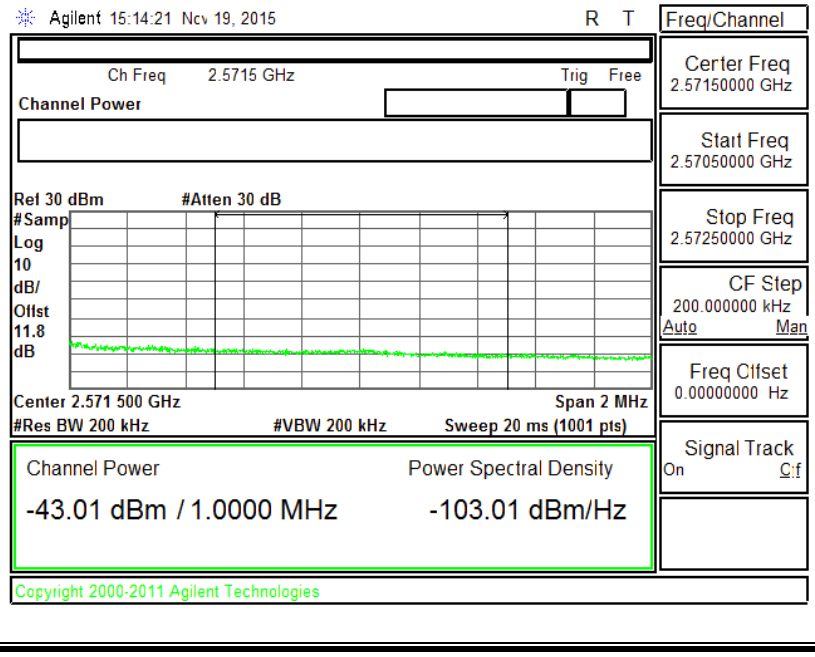
HIGH CH, LOW SIDE, (RB=VB= 1%EBW, 2548-2549MHz)



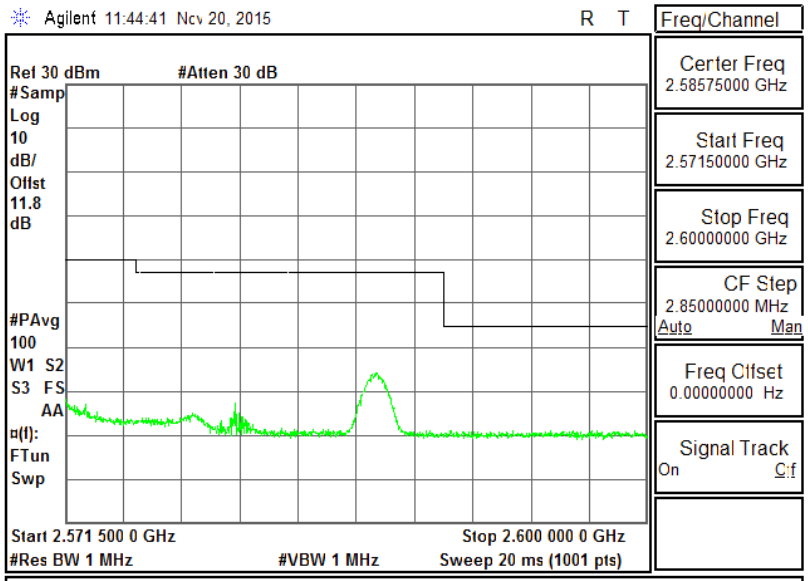
HIGH CH, LOW SIDE, (RB=VB= 1MHz, 2520-2548.5MHz)



HIGH CH, HIGH SIDE, (RB=VB= 1%EBW, 2571-2572MHz)

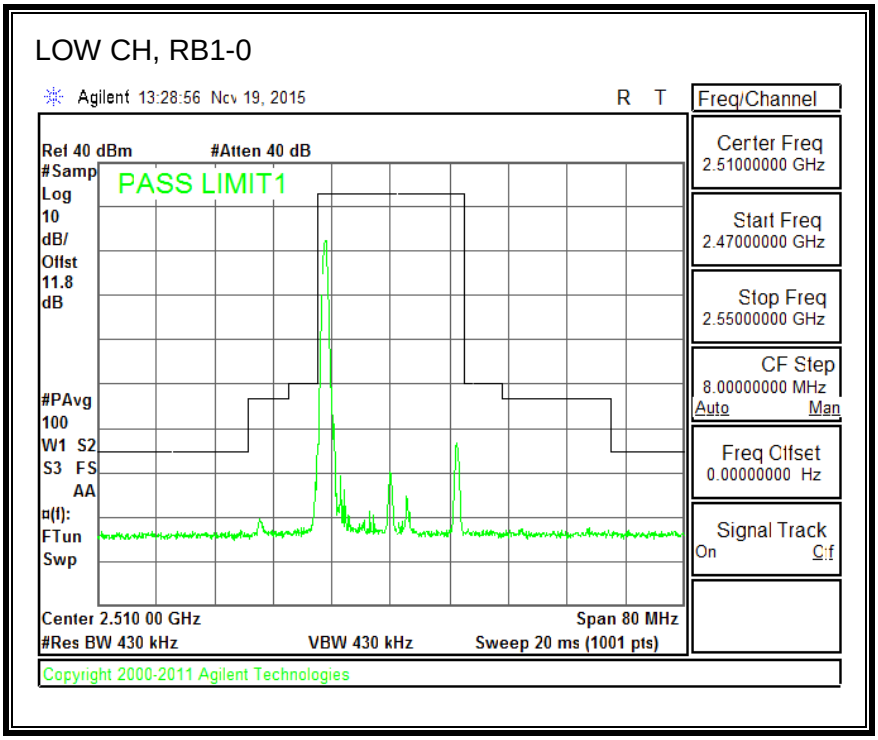


HIGH CH, HIGH SIDE, (RB=VB= 1MHz, 2571.5–2600MHz)

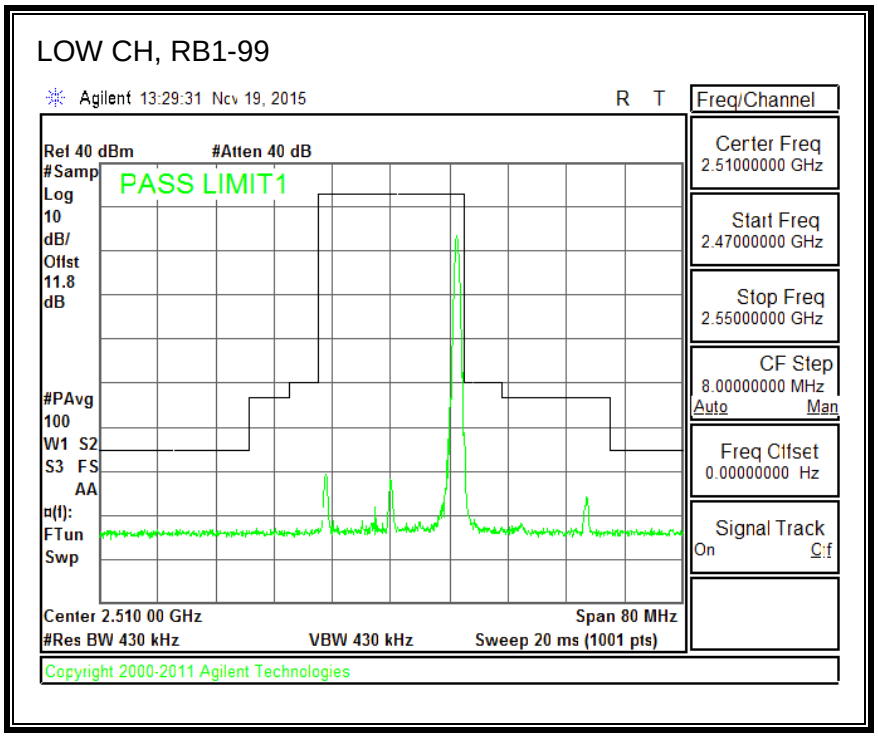


16QAM, (20.0 MHz BAND WIDTH)

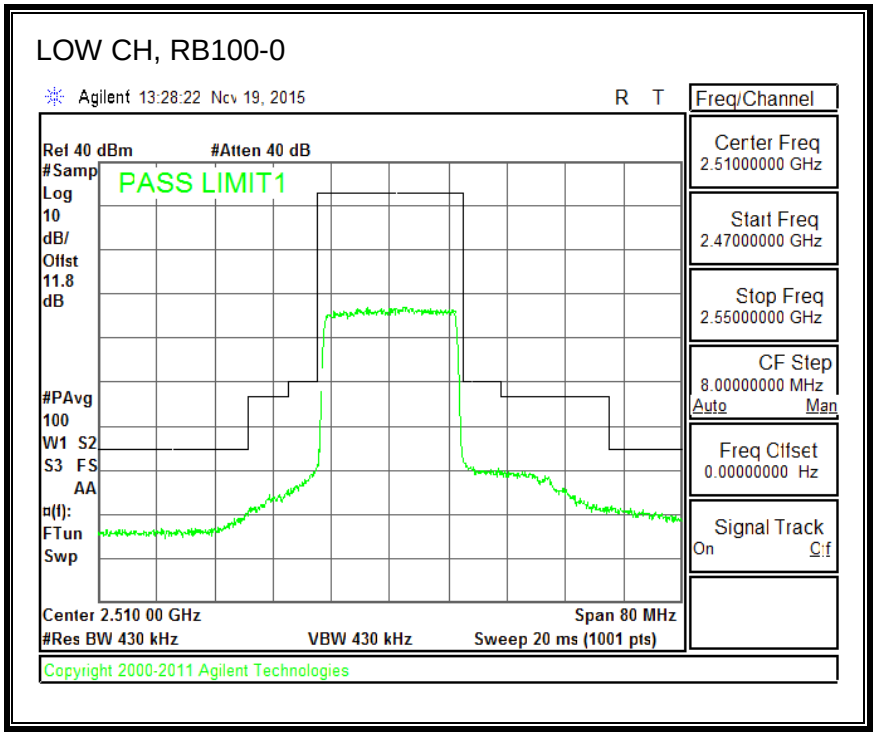
LOW CH, RB1-0



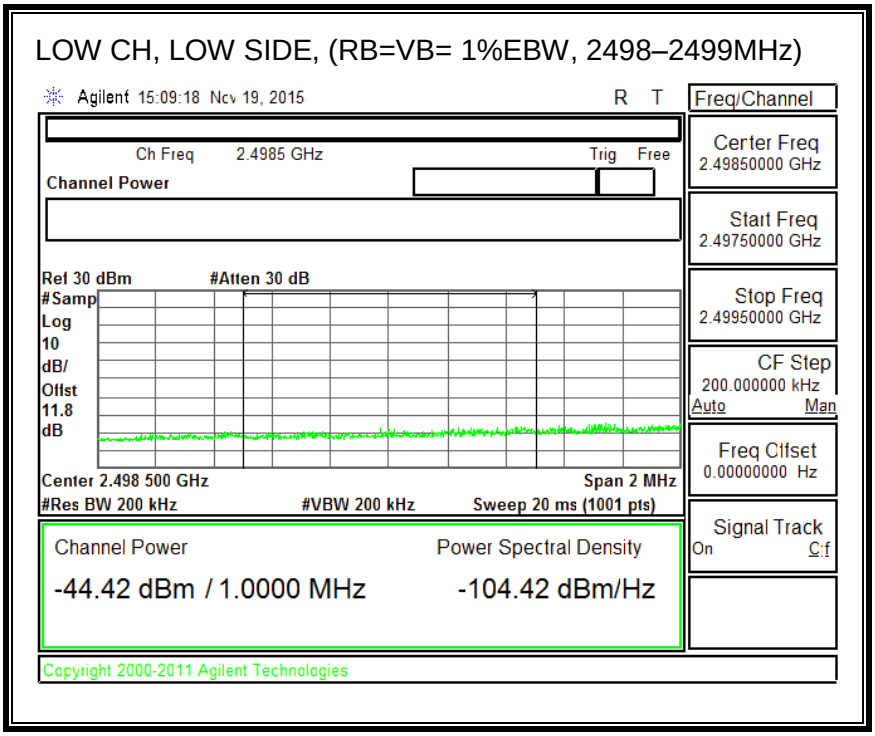
LOW CH, RB1-99



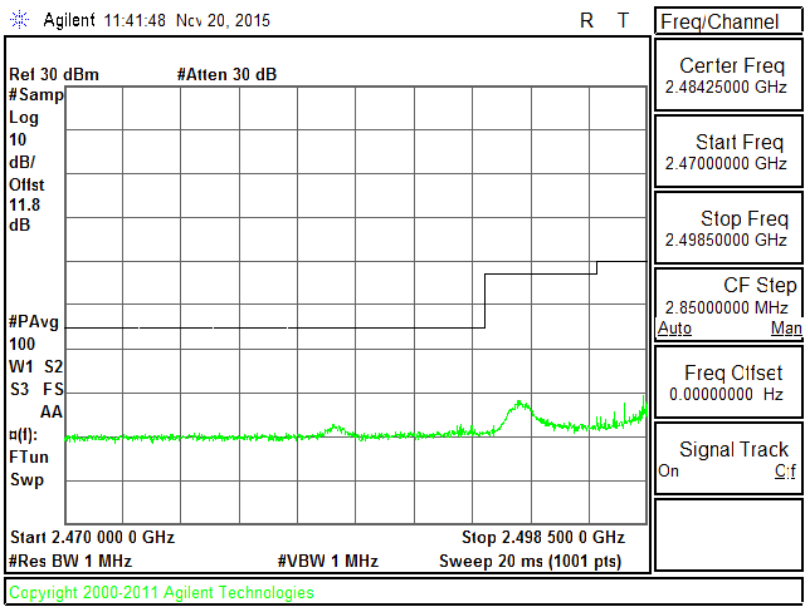
LOW CH, RB100-0



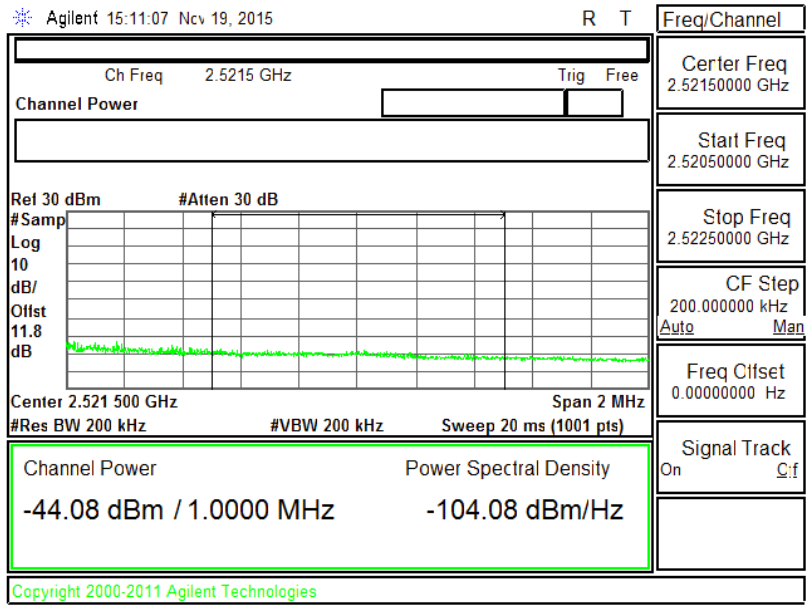
LOW CH, LOW SIDE, (RB=VB= 1%EBW, 2498–2499MHz)



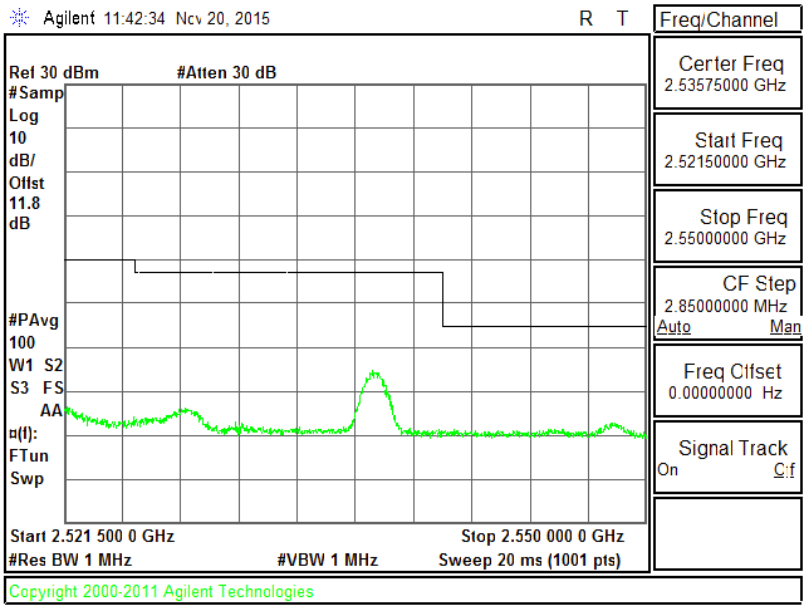
LOW CH, LOW SIDE, (RB=VB= 1MHz, 2470-2498.5MHz)



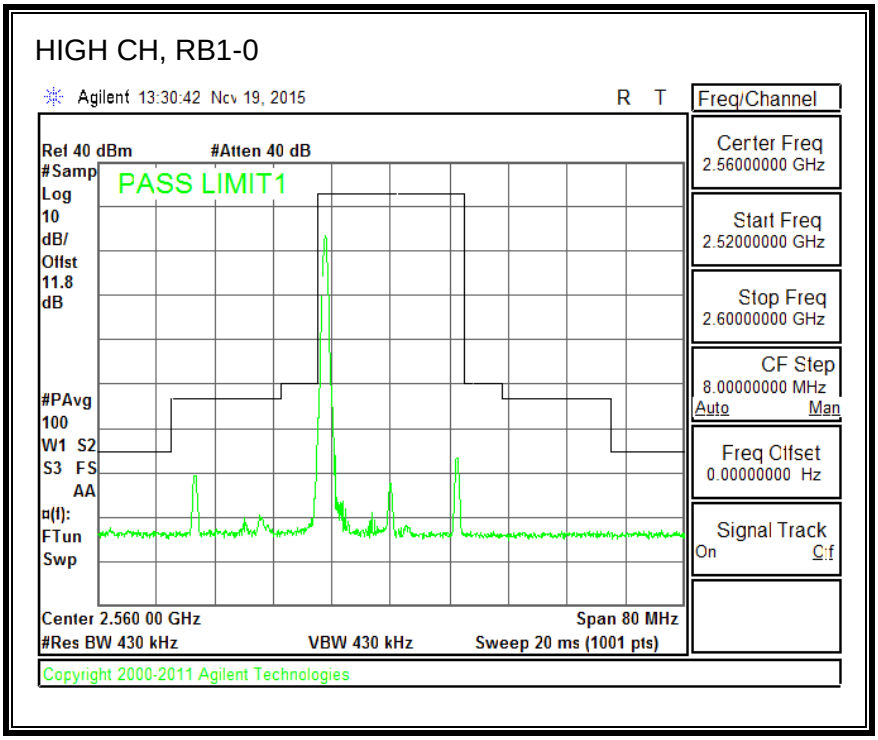
LOW CH, HIGH SIDE, (RB=VB= 1%EBW, 2521-2522MHz)



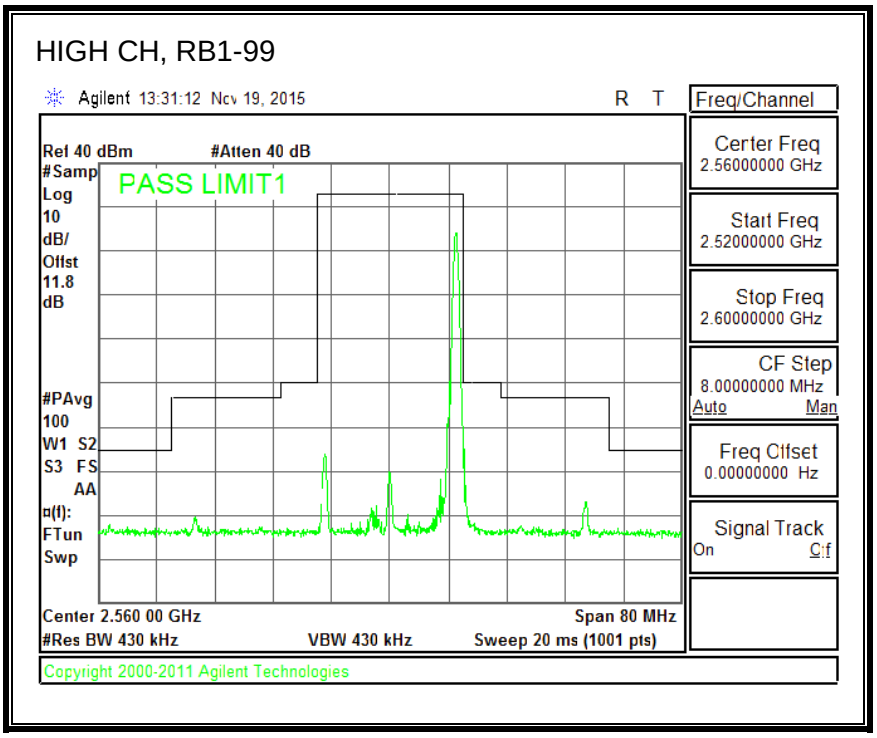
LOW CH, HIGH SIDE, (RB=VB= 1MHz, 2521.5-2550MHz)



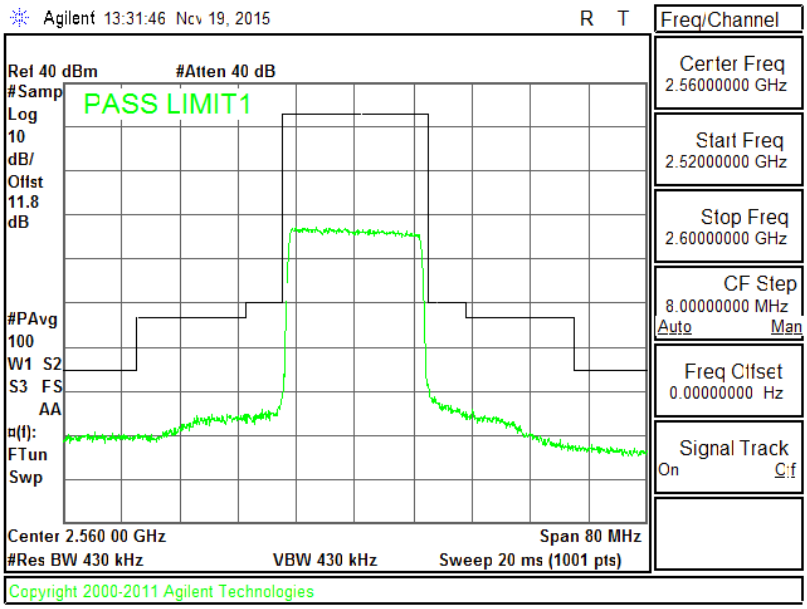
HIGH CH, RB1-0



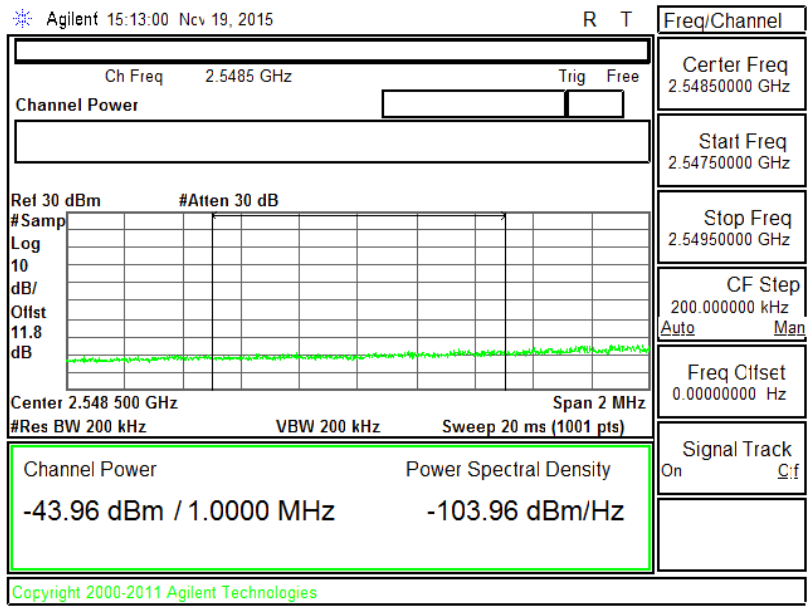
HIGH CH, RB1-99



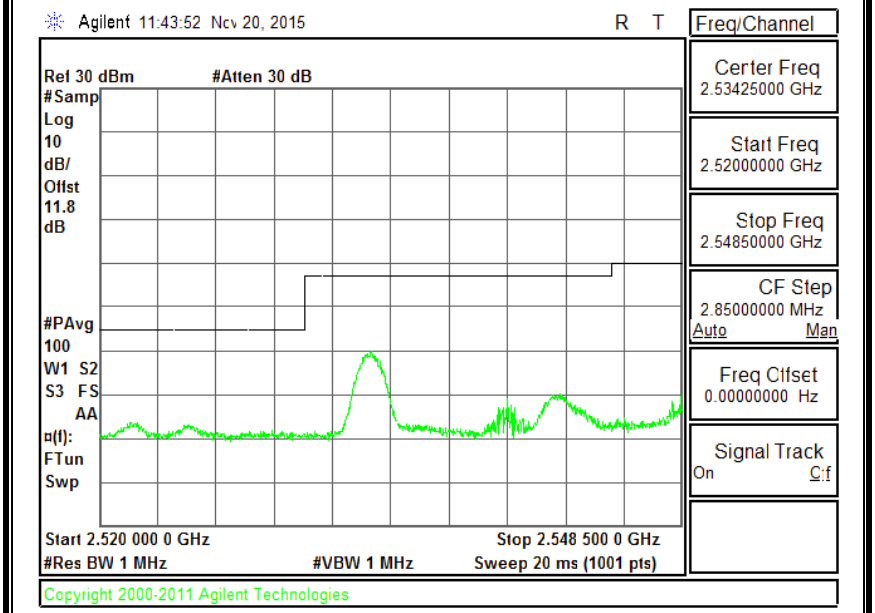
HIGH CH, RB100-0



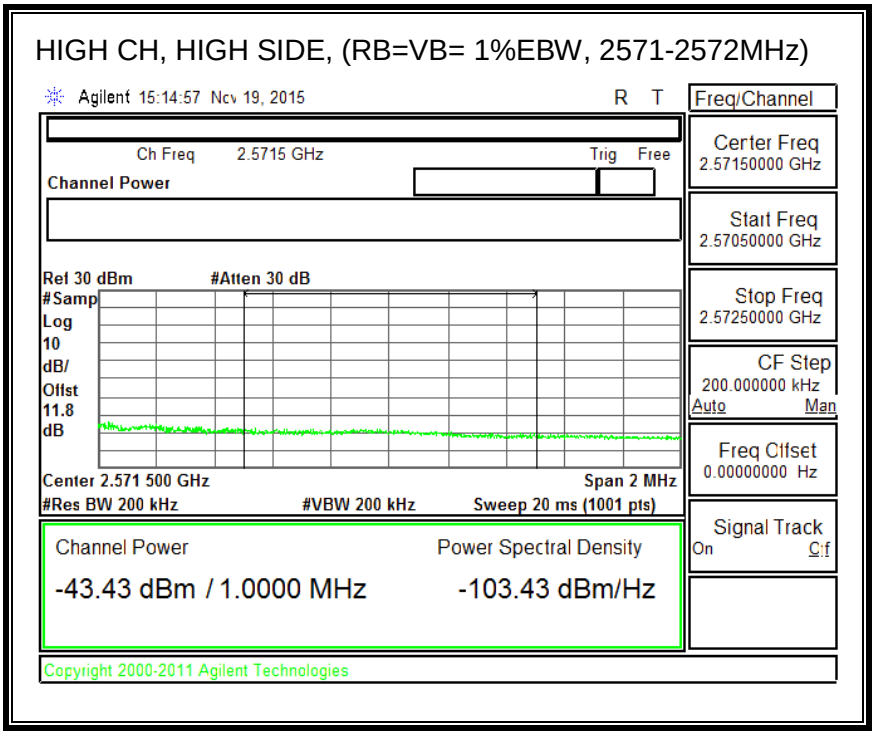
HIGH CH, LOW SIDE, (RB=VB= 1%EBW, 2548-2549MHz)



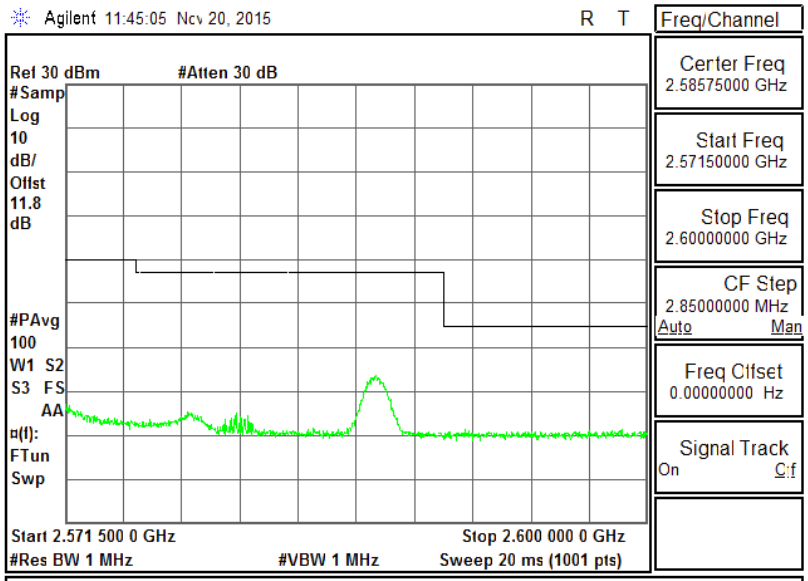
HIGH CH, LOW SIDE, (RB=VB= 1MHz, 2520-2548.5MHz)



HIGH CH, HIGH SIDE, (RB=VB= 1%EBW, 2571-2572MHz)



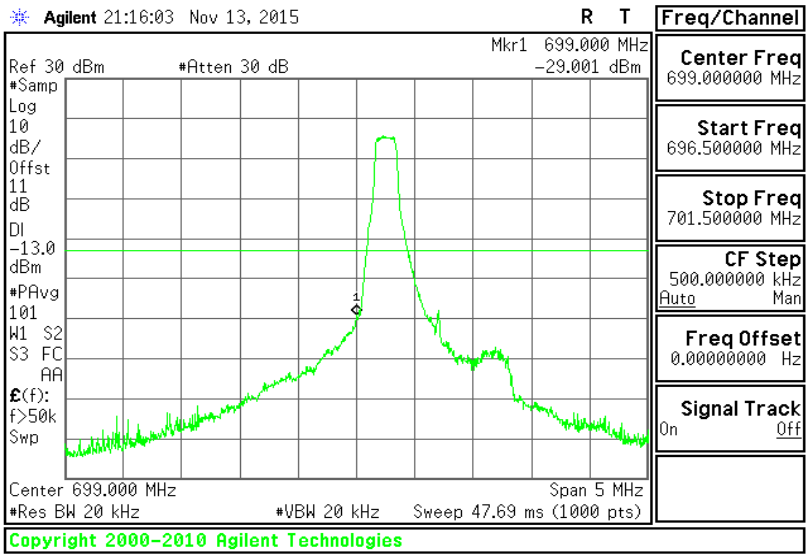
HIGH CH, HIGH SIDE, (RB=VB= 1MHz, 2571.5–2600MHz)



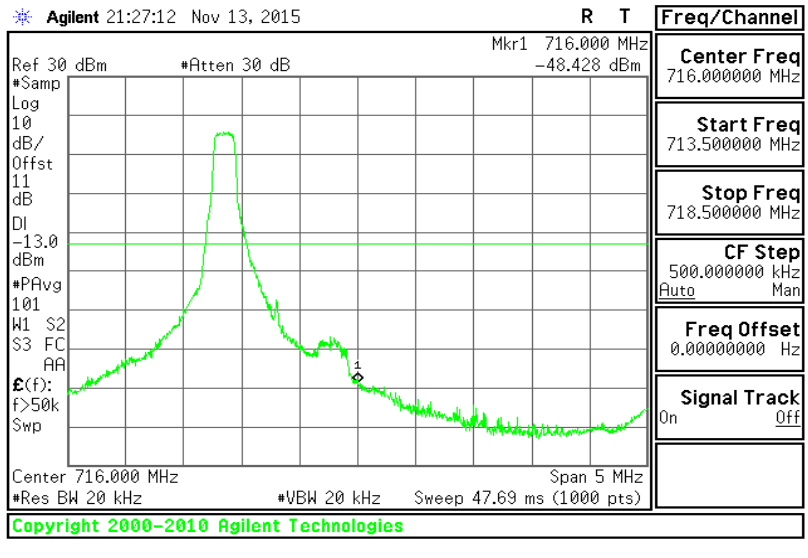
8.2.5. LTE BAND 12 BANDEDGE

QPSK, (1.4 MHz BAND WIDTH)

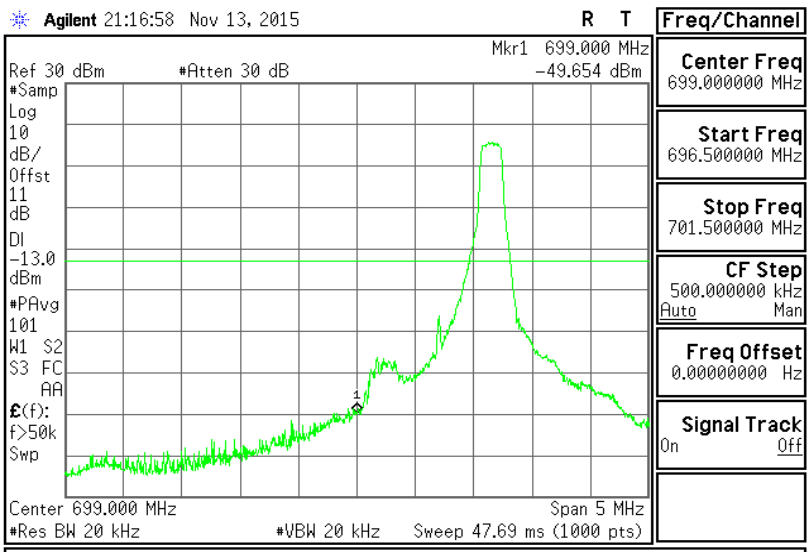
LOW CH, RB1-0



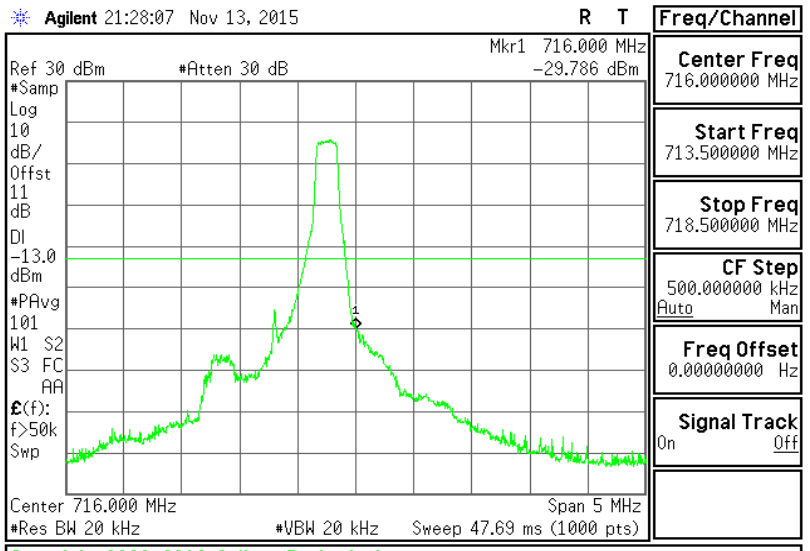
HIGH CH, RB1-0



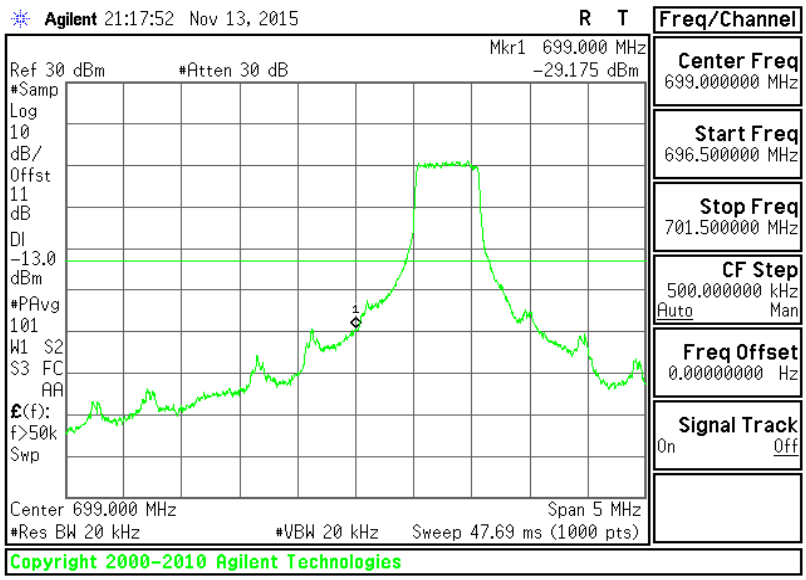
LOW CH, RB1-5



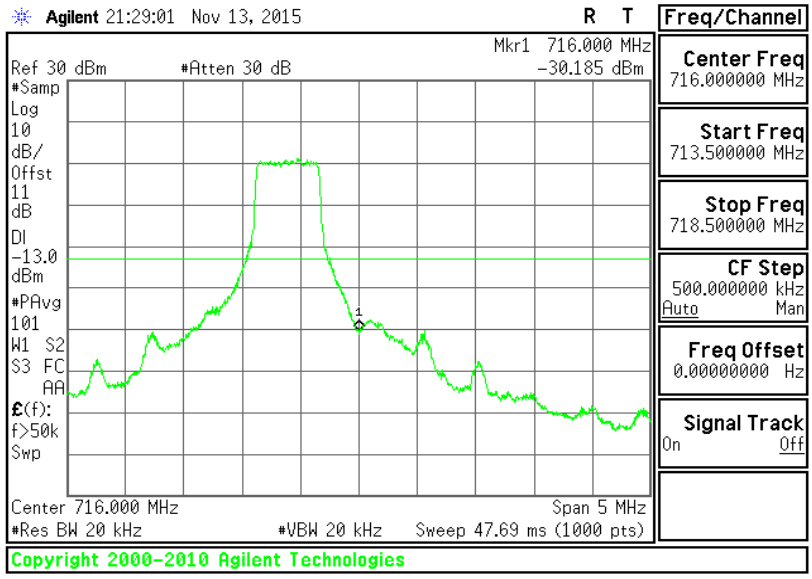
HIGH CH, RB1-5



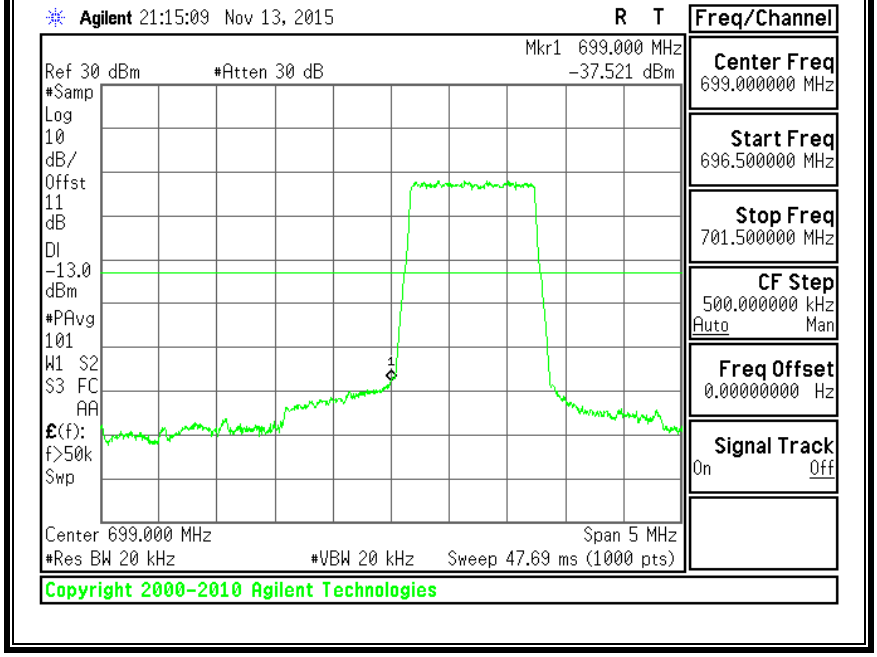
LOW CH, RB3-2



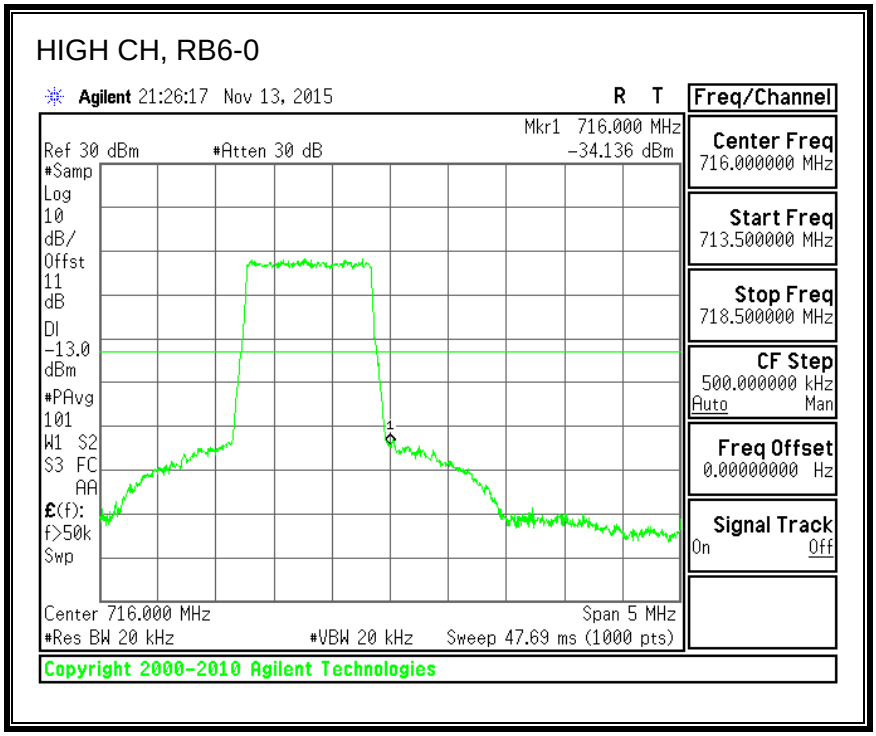
HIGH CH, RB3-2



LOW CH, RB6-0

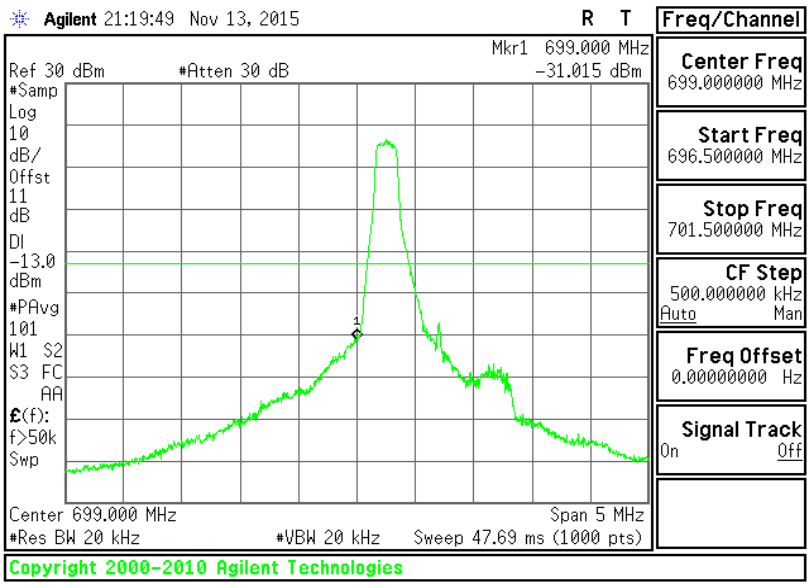


HIGH CH, RB6-0

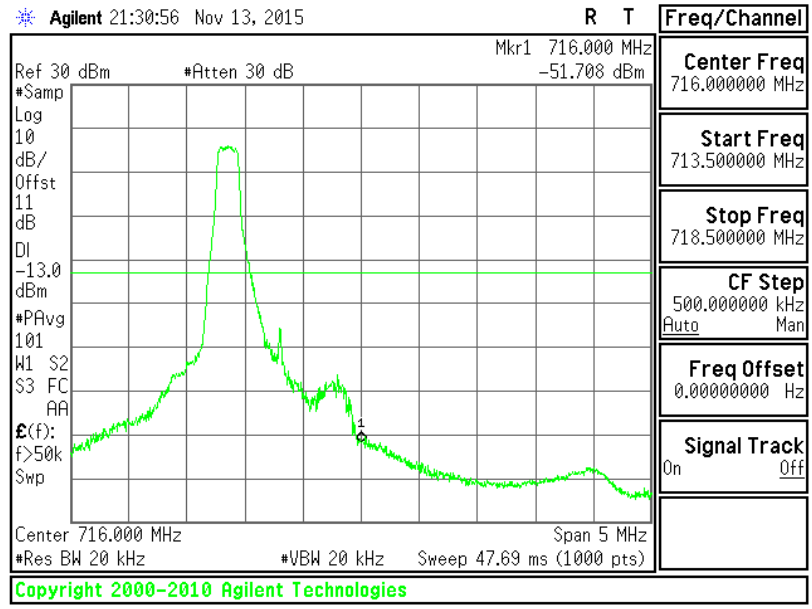


16QAM, (1.4 MHz BAND WIDTH)

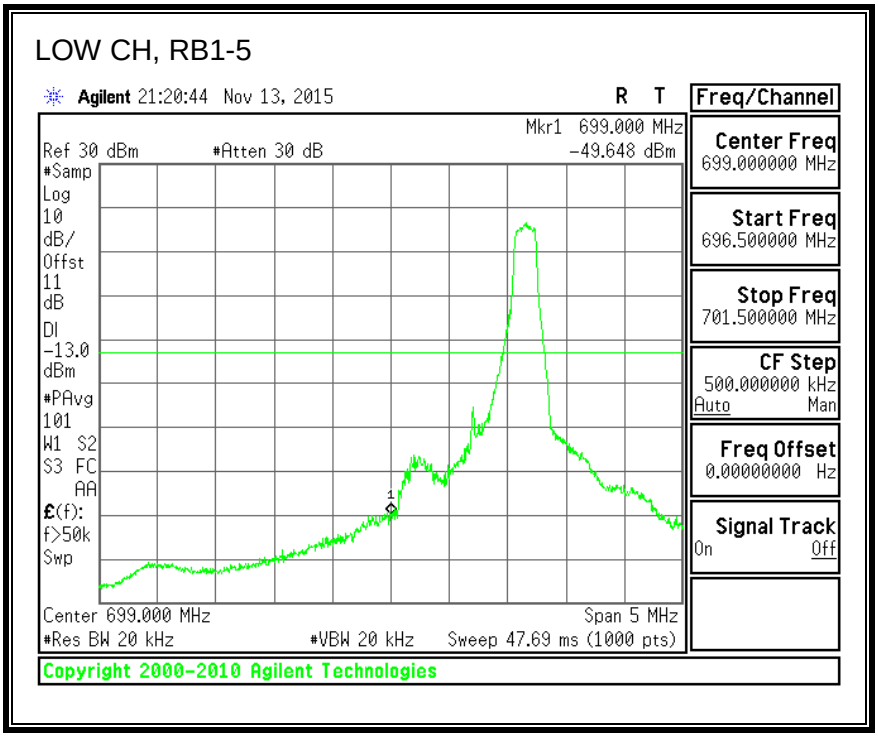
LOW CH, RB1-0



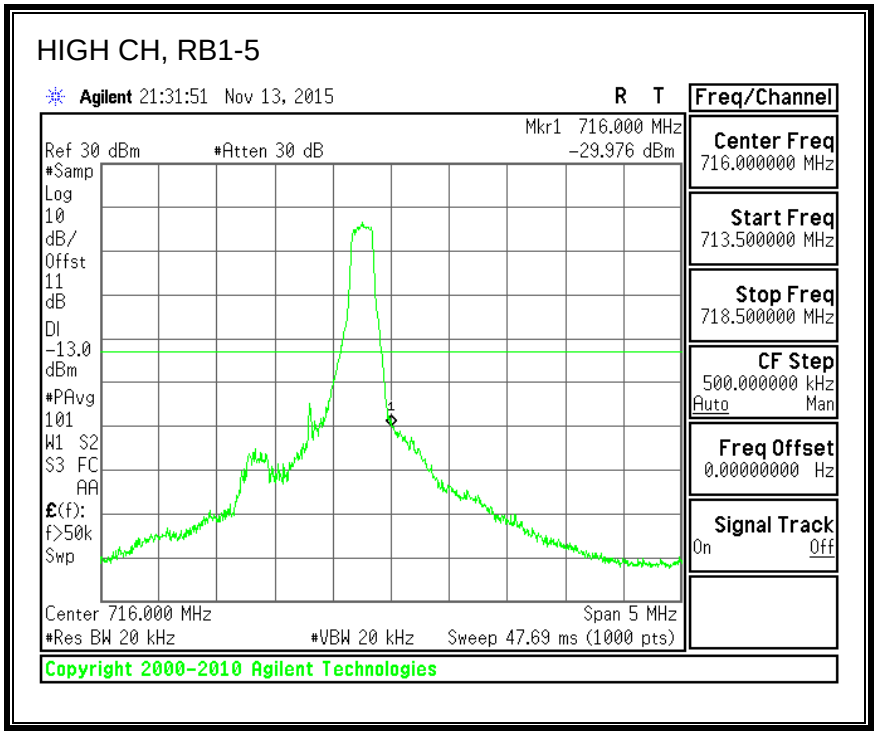
HIGH CH, RB1-0



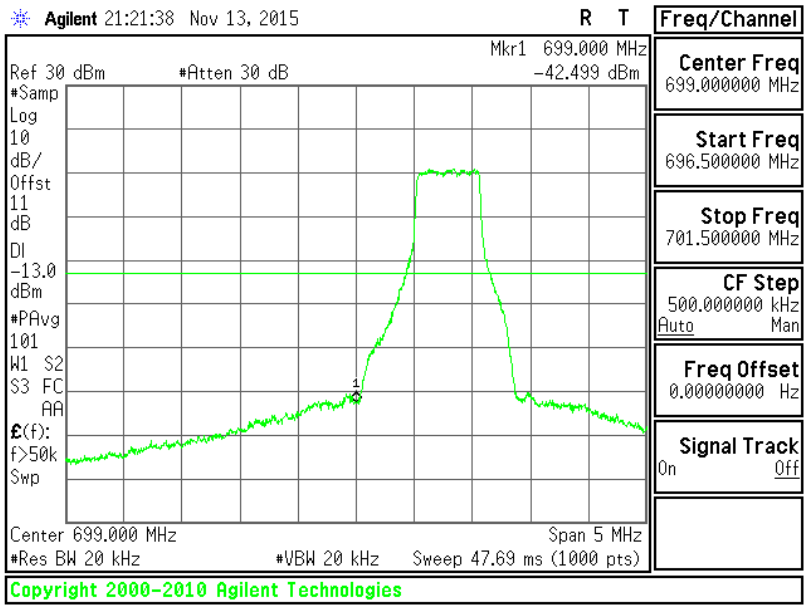
LOW CH, RB1-5



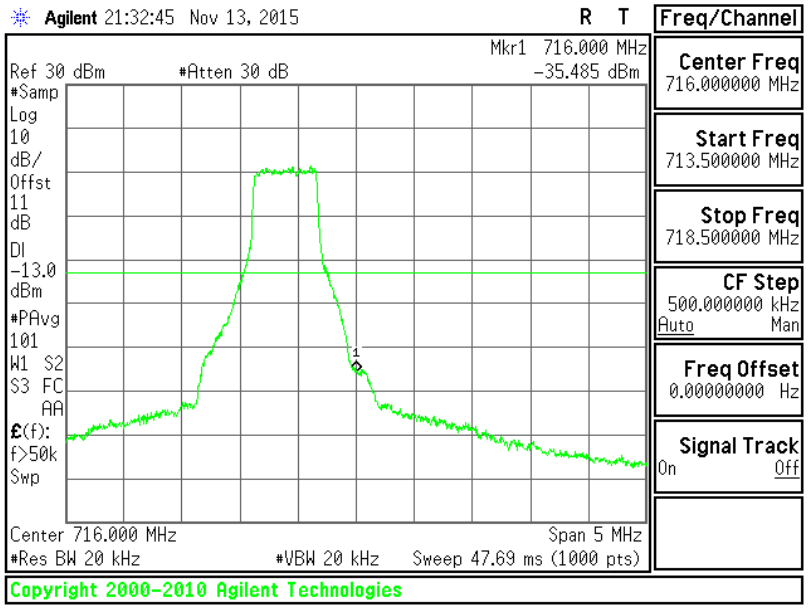
HIGH CH, RB1-5



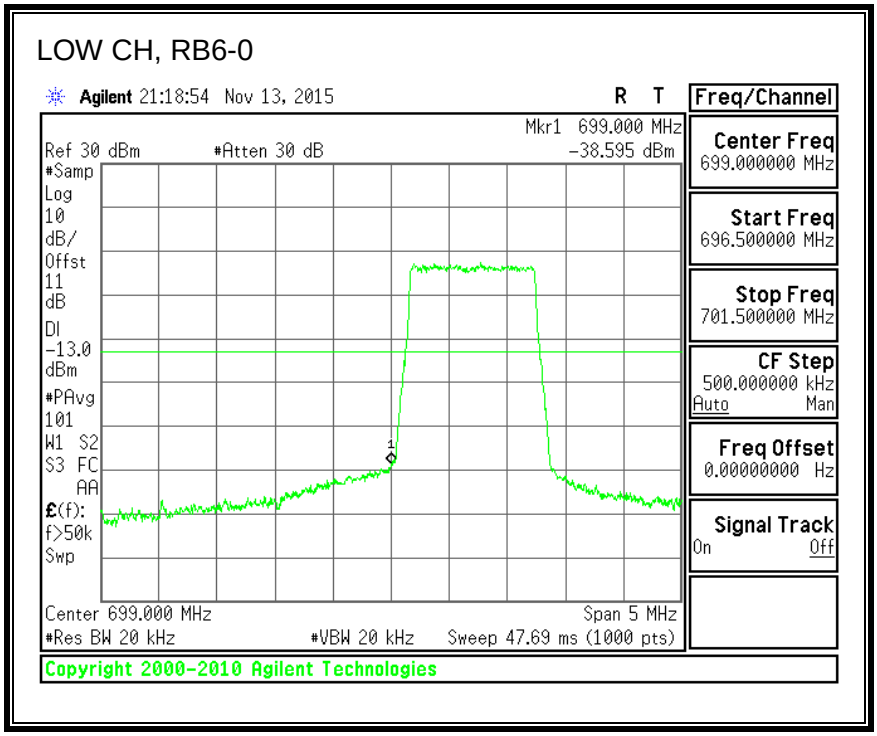
LOW CH, RB3-2



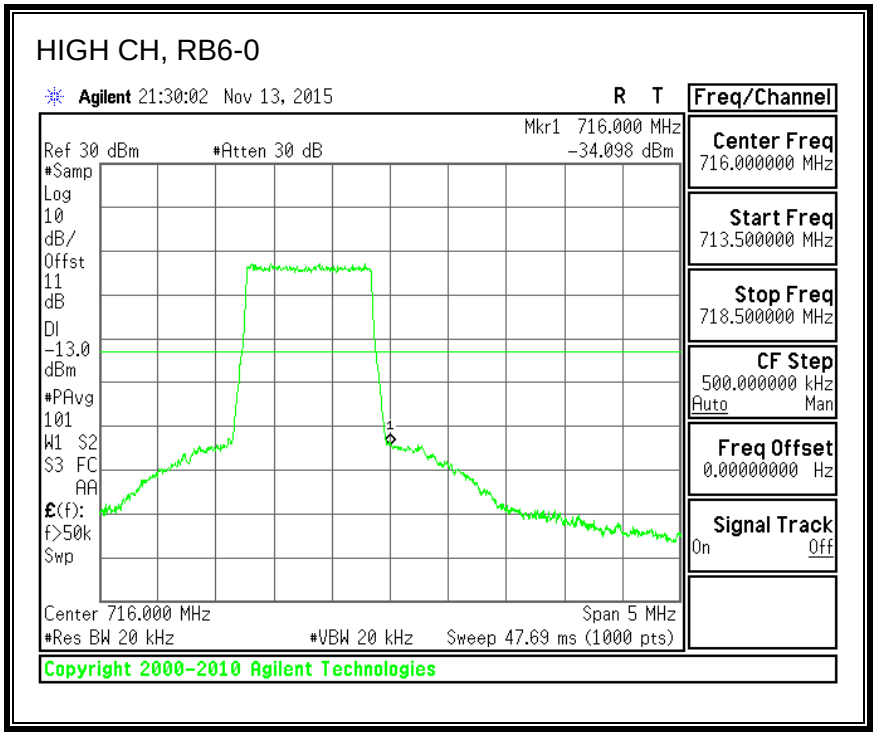
HIGH CH, RB3-2



LOW CH, RB6-0

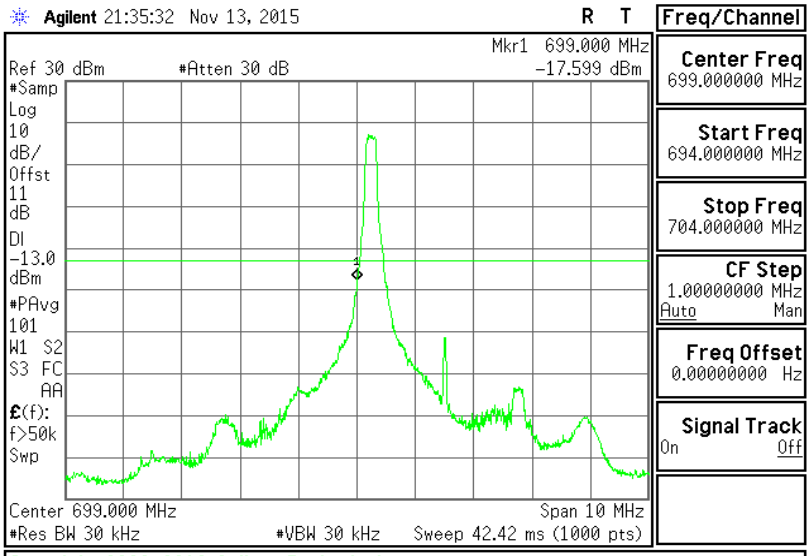


HIGH CH, RB6-0

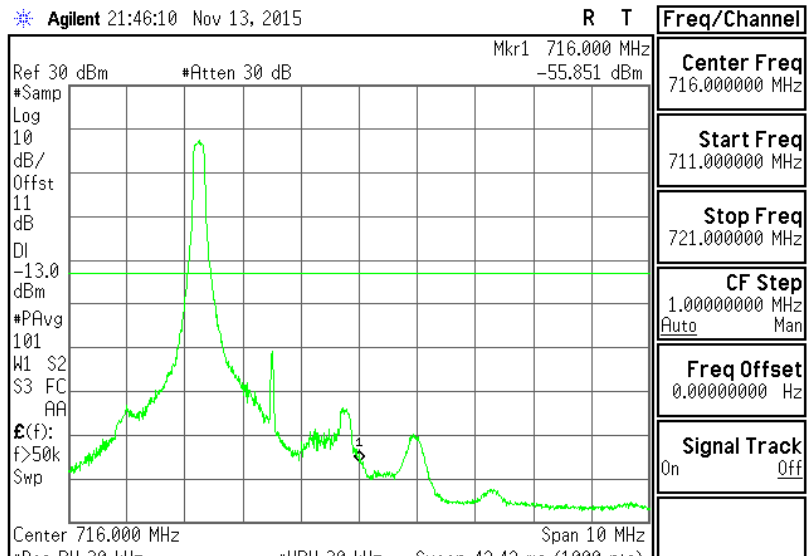


QPSK, (3.0 MHz BAND WIDTH)

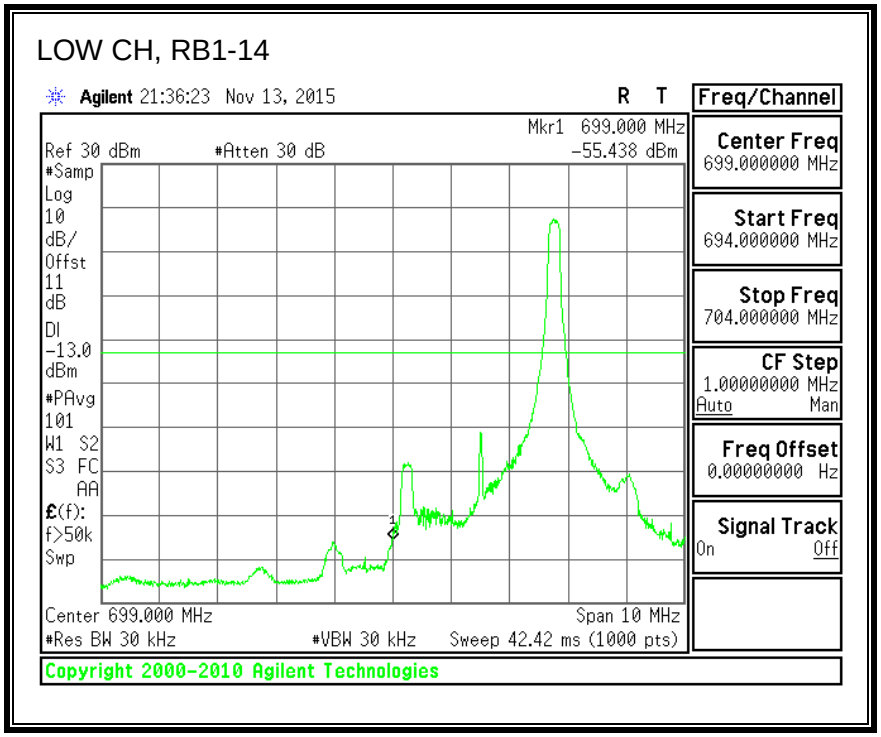
LOW CH, RB1-0



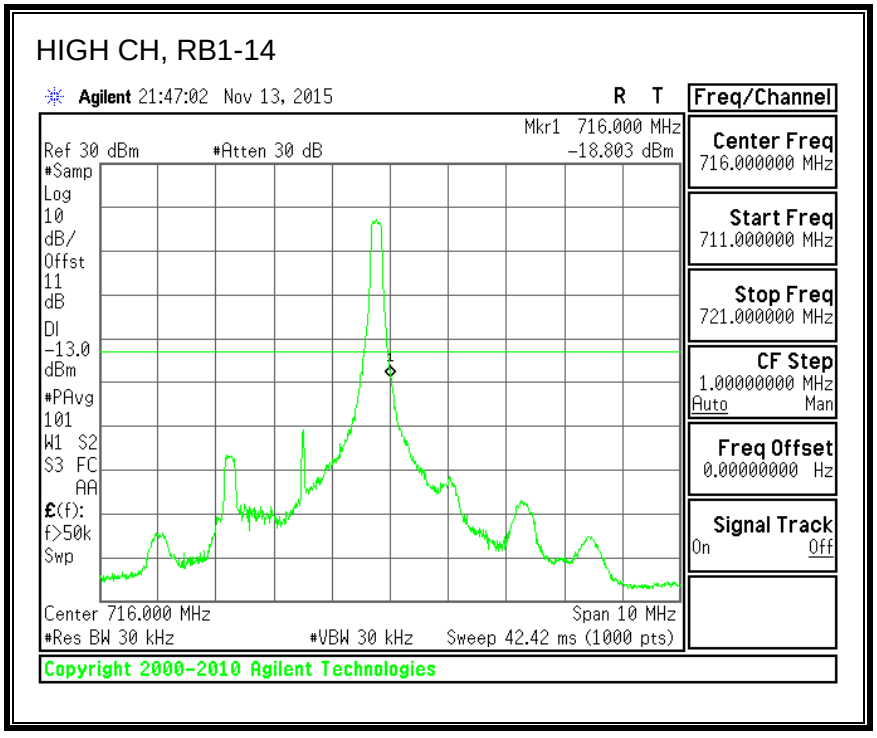
HIGH CH, RB1-0



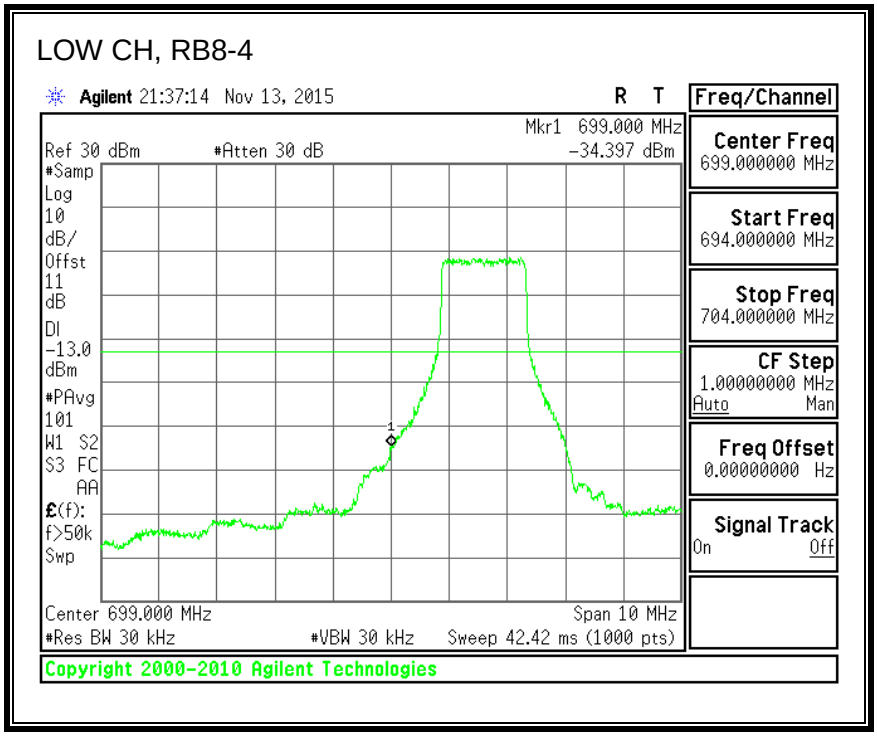
LOW CH, RB1-14



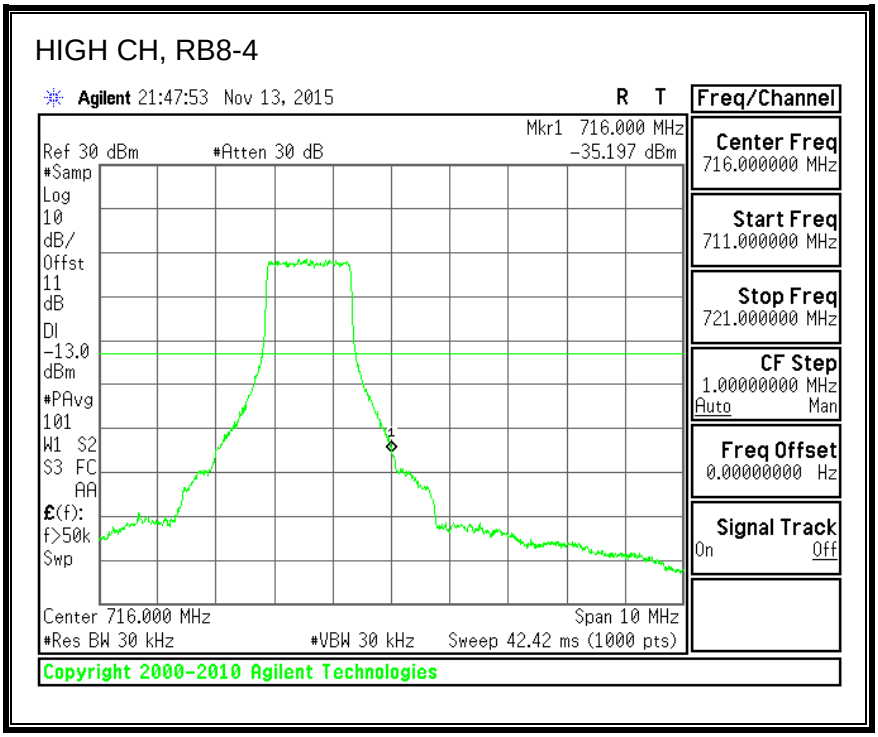
HIGH CH, RB1-14



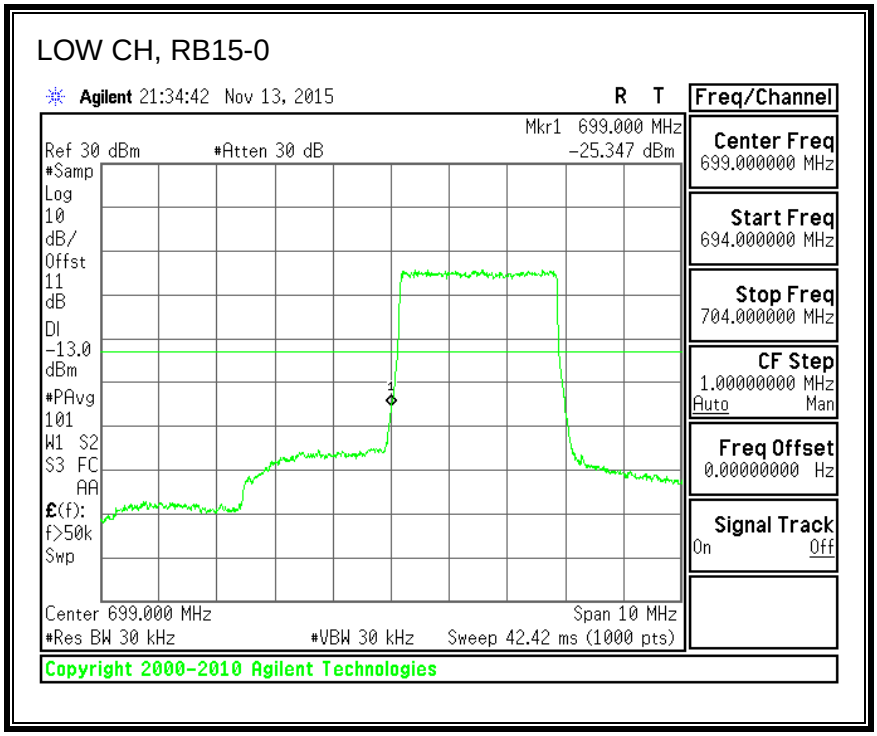
LOW CH, RB8-4



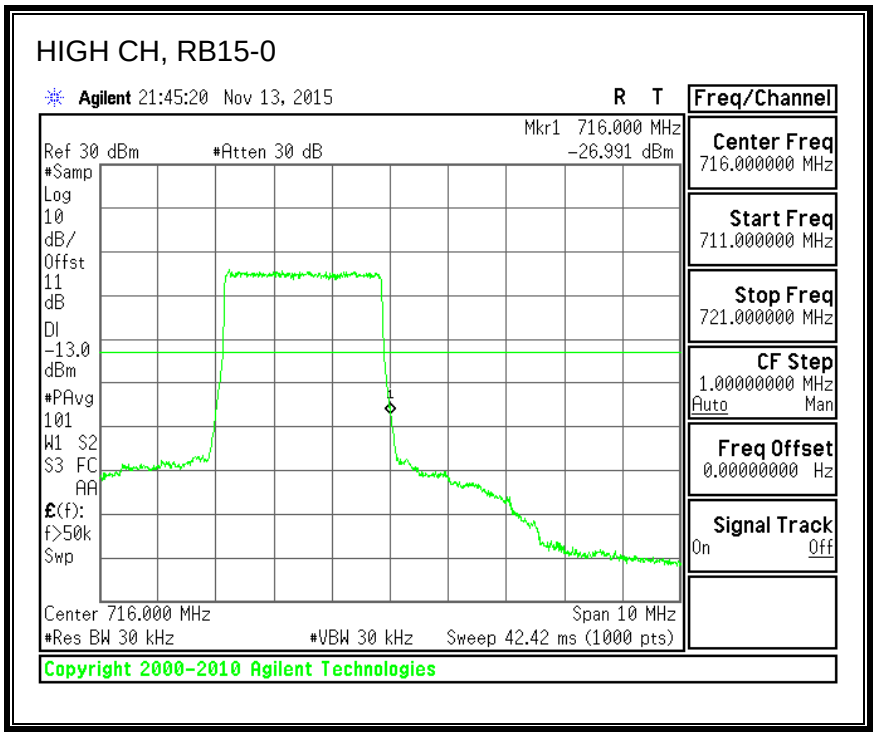
HIGH CH, RB8-4



LOW CH, RB15-0

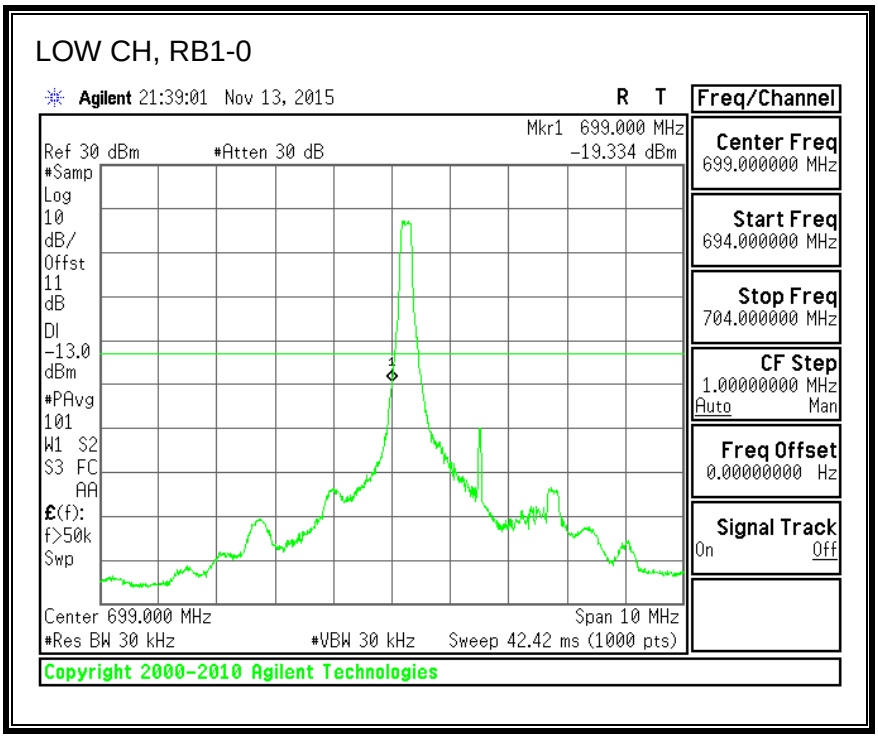


HIGH CH, RB15-0

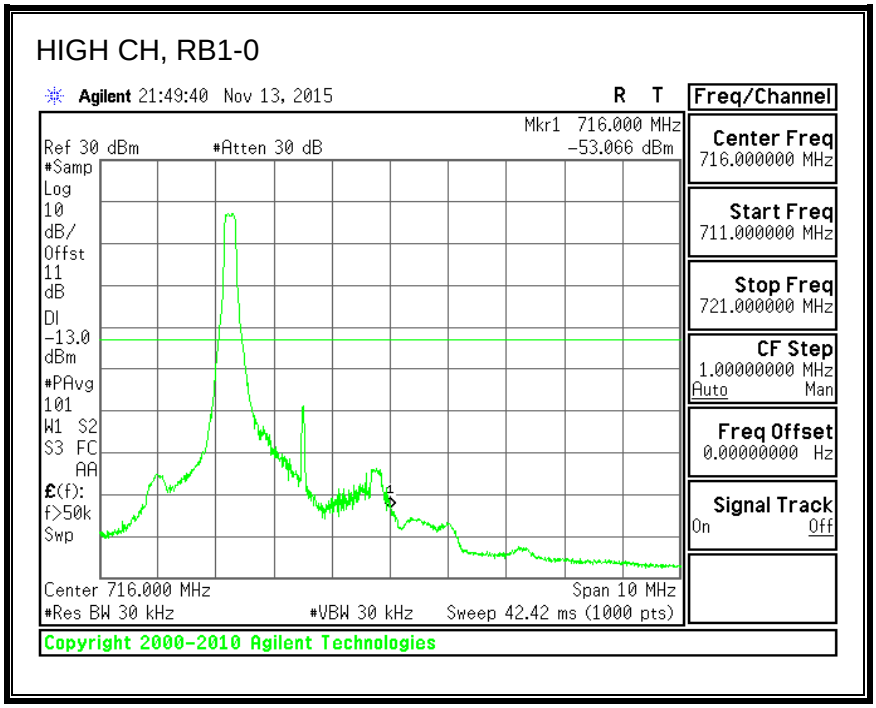


16QAM, (3.0 MHz BAND WIDTH)

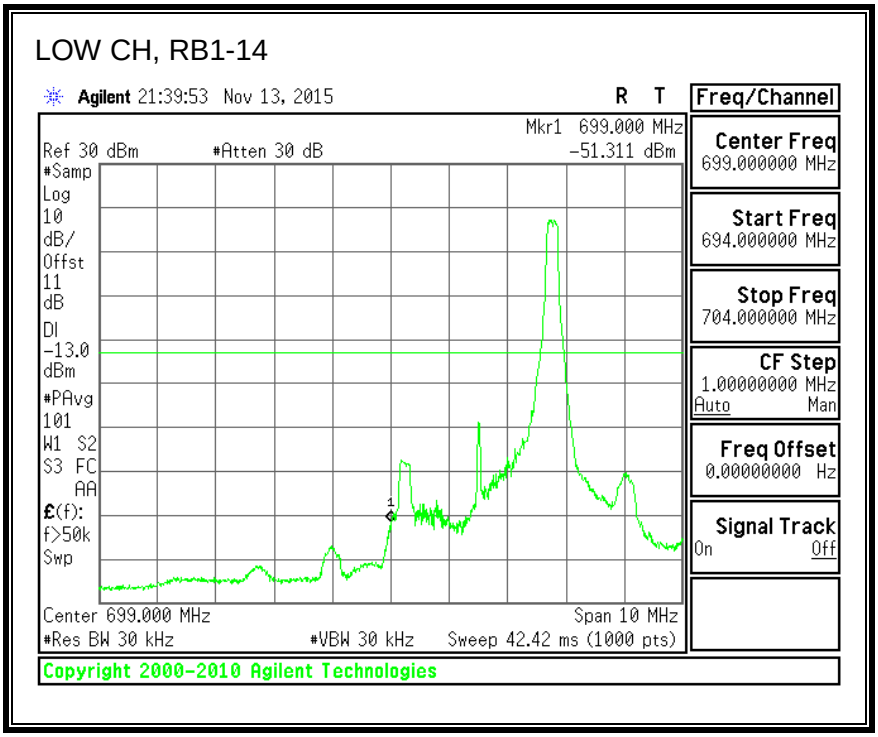
LOW CH, RB1-0



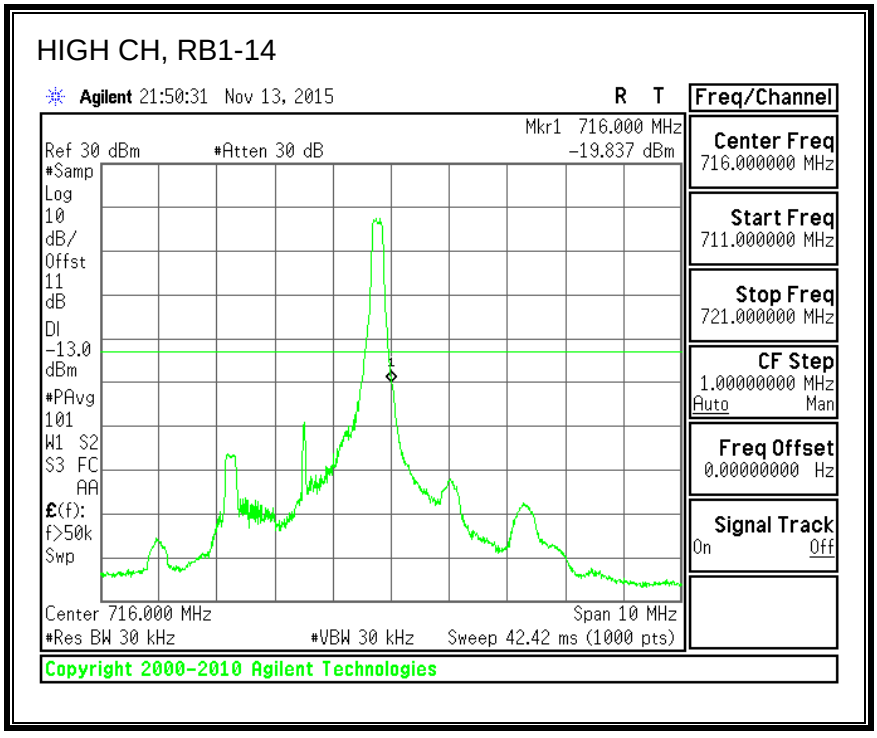
HIGH CH, RB1-0



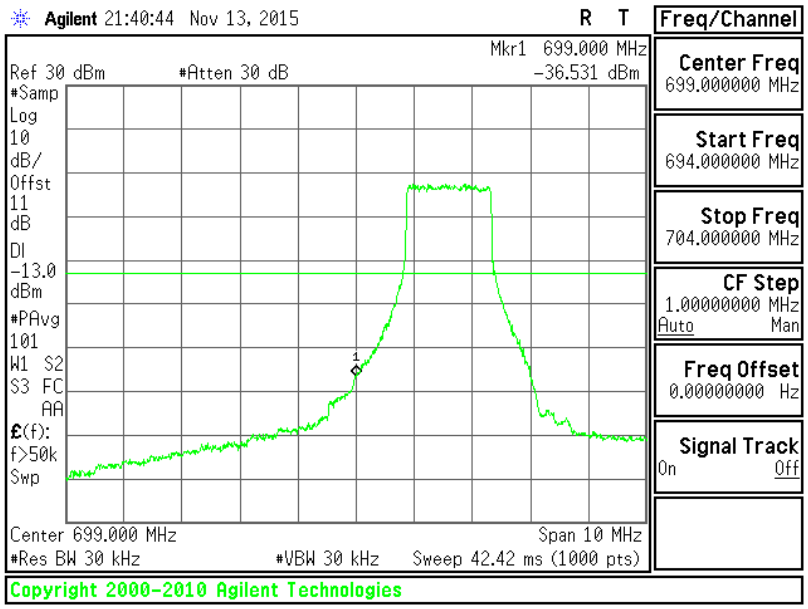
LOW CH, RB1-14



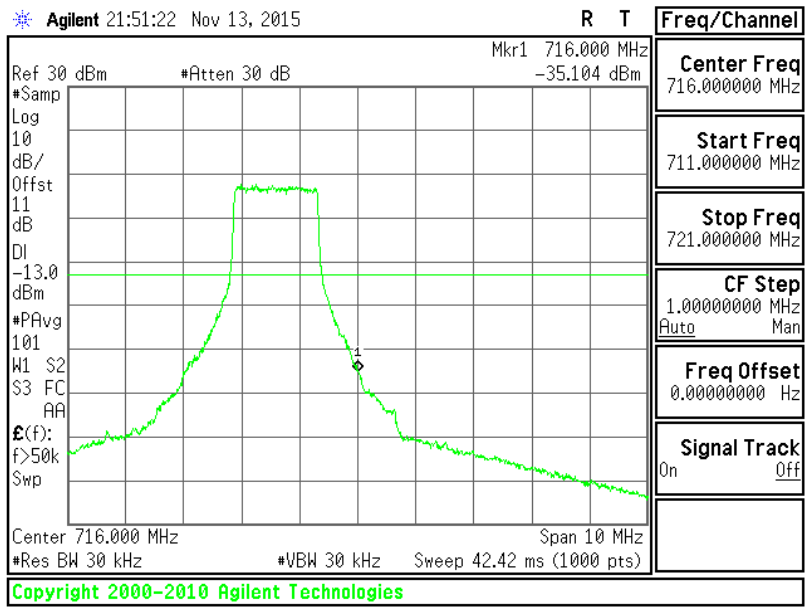
HIGH CH, RB1-14



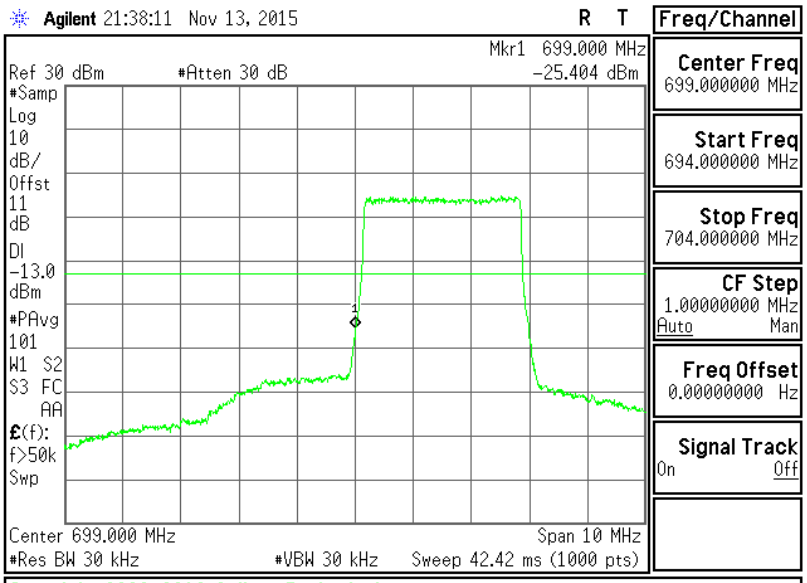
LOW CH, RB8-4



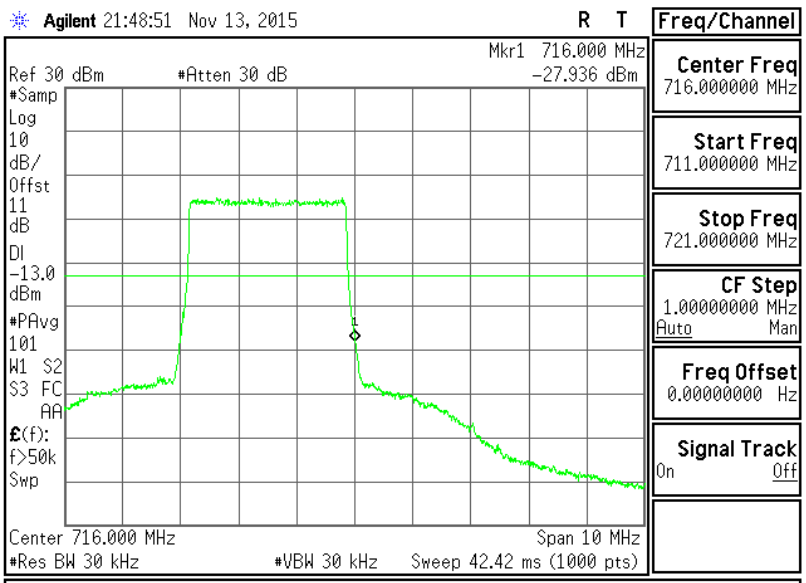
HIGH CH, RB8-4



LOW CH, RB15-0

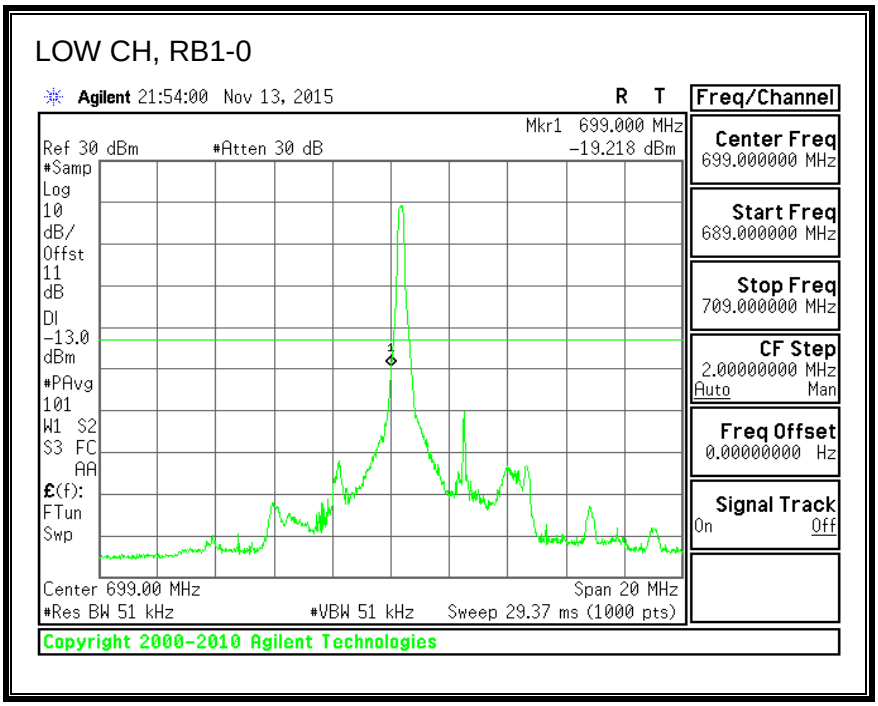


HIGH CH, RB15-0

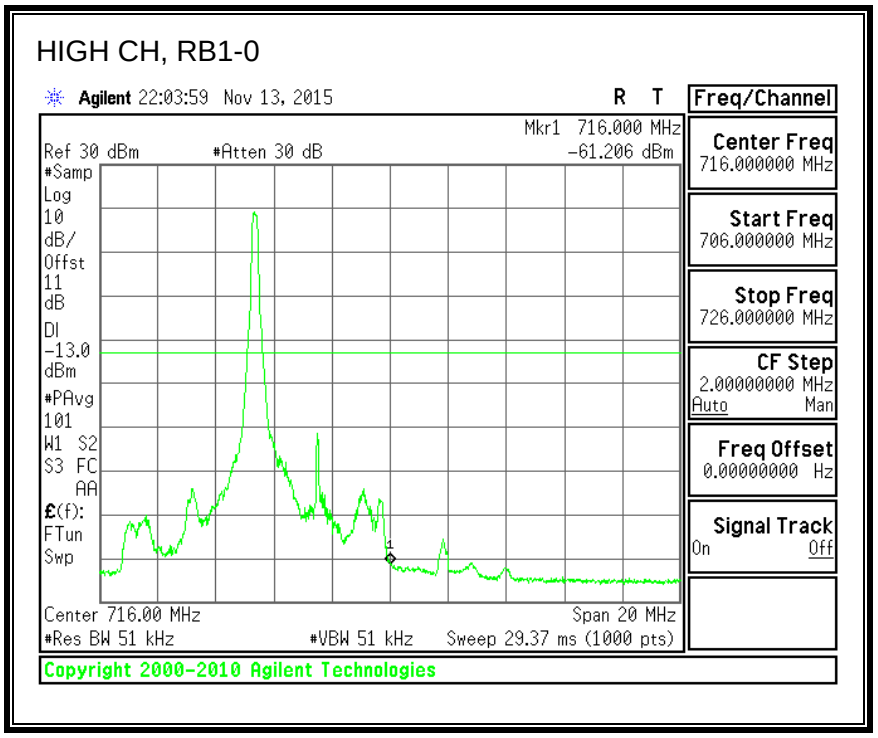


QPSK, (5.0 MHz BAND WIDTH)

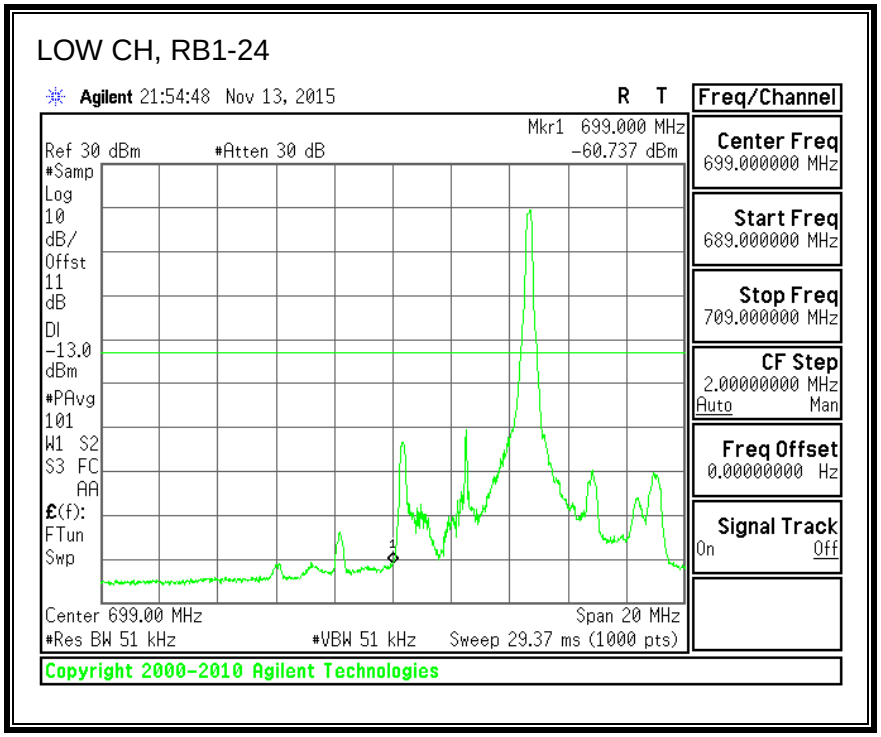
LOW CH, RB1-0



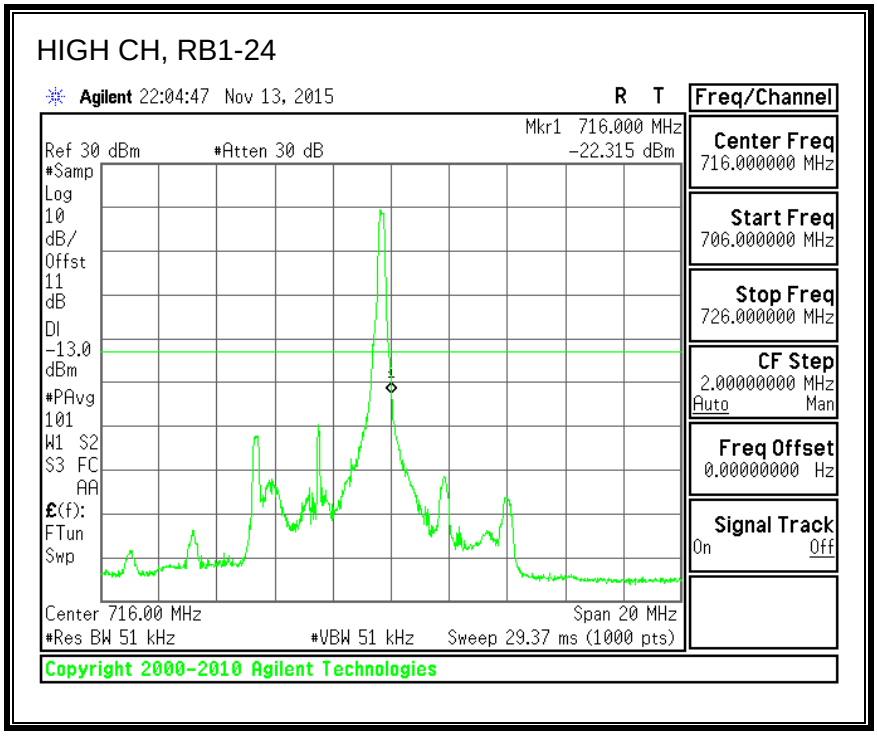
HIGH CH, RB1-0



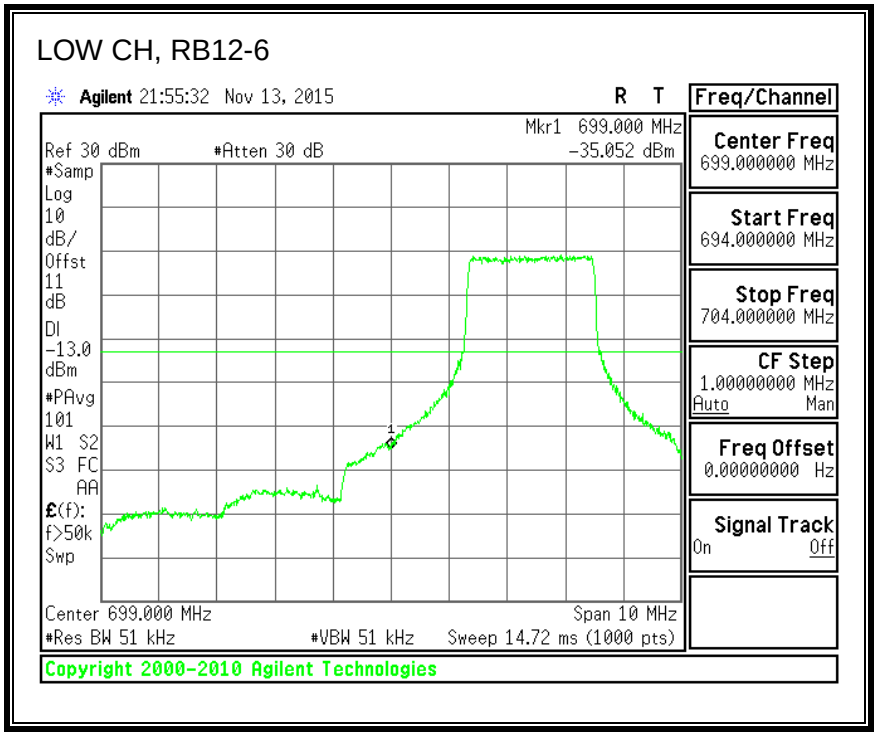
LOW CH, RB1-24



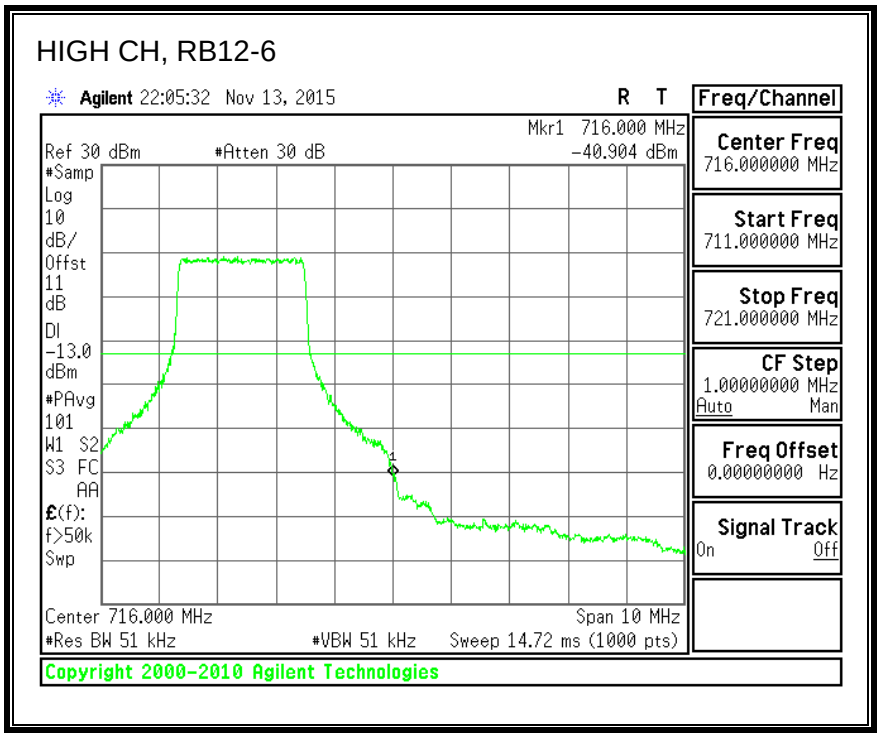
HIGH CH, RB1-24



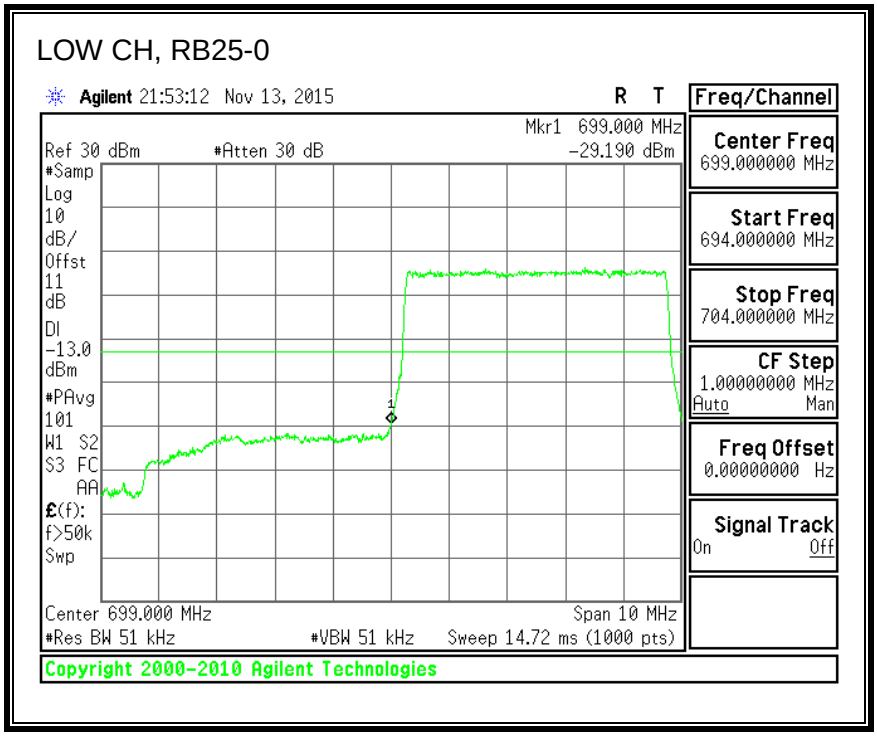
LOW CH, RB12-6



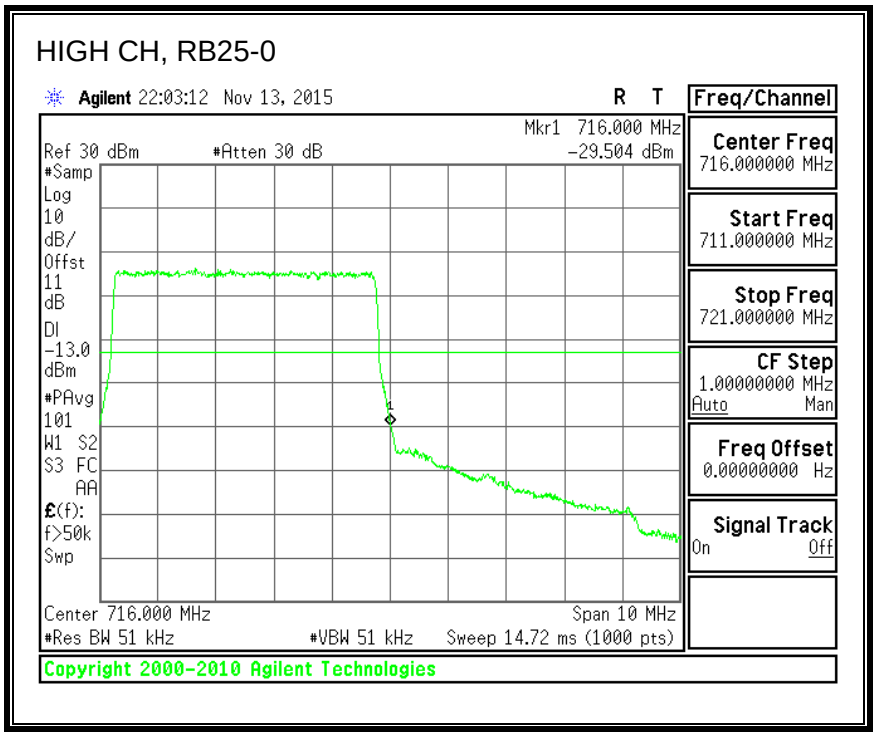
HIGH CH, RB12-6



LOW CH, RB25-0

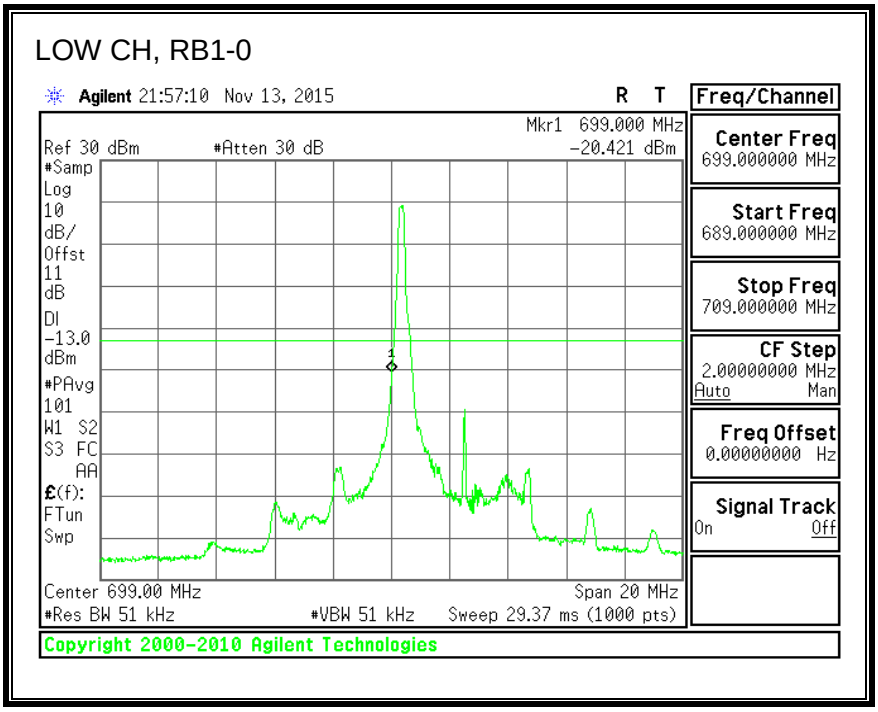


HIGH CH, RB25-0

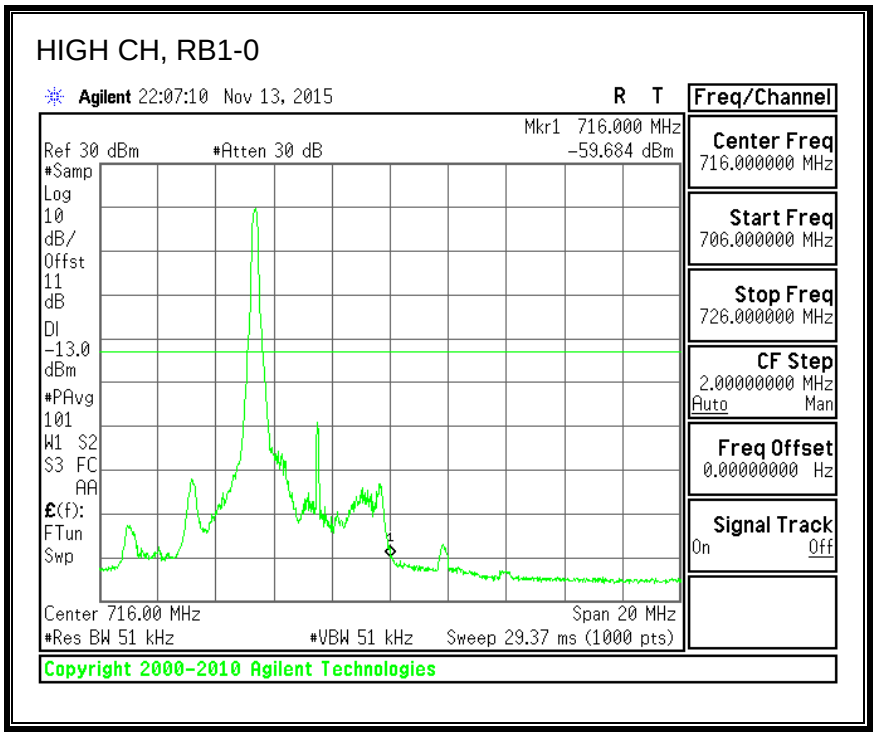


16QAM, (5.0 MHz BAND WIDTH)

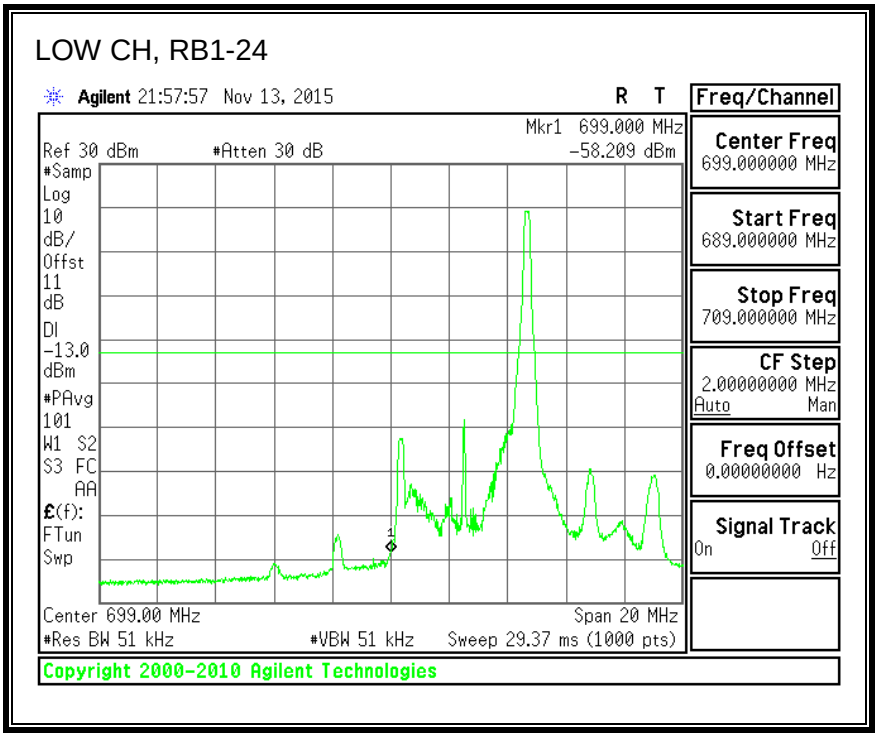
LOW CH, RB1-0



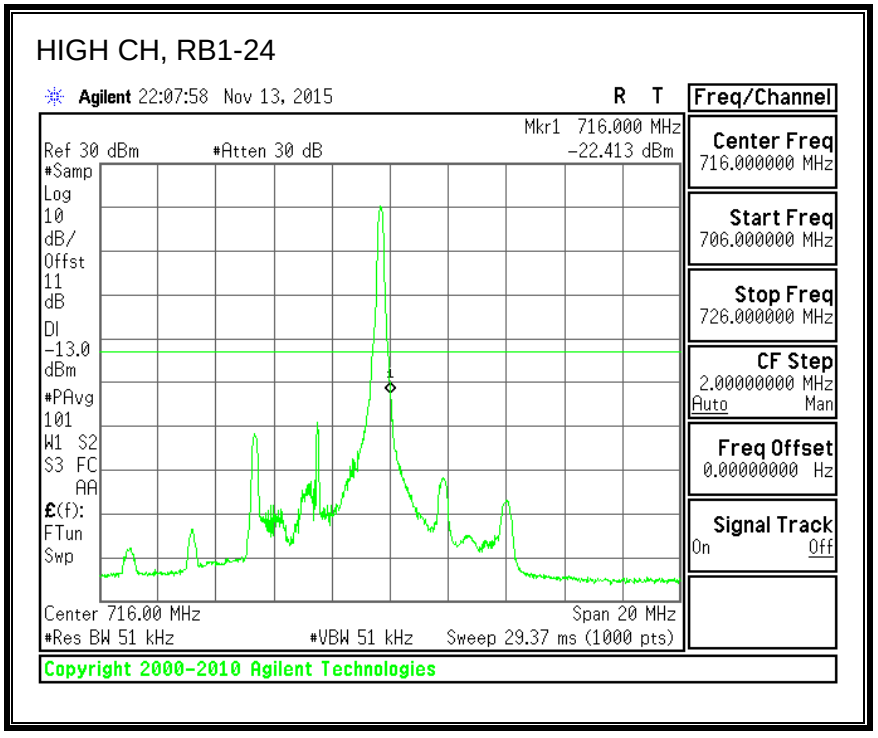
HIGH CH, RB1-0



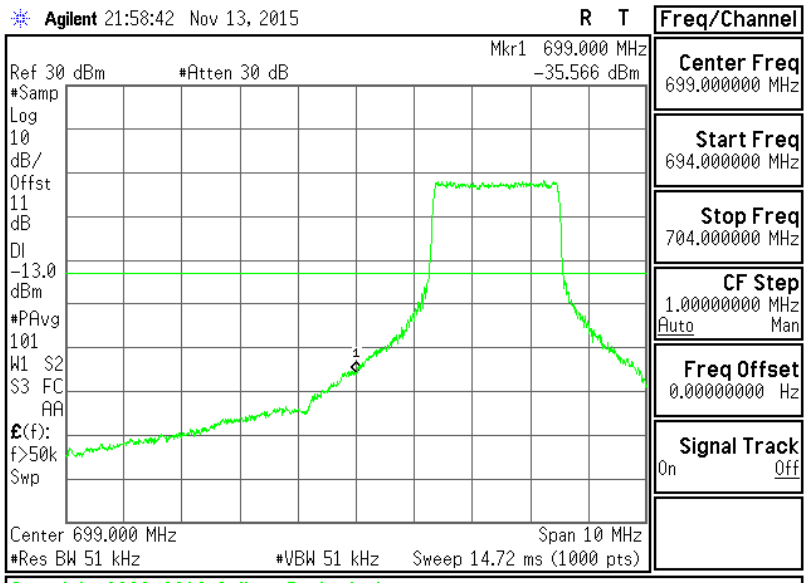
LOW CH, RB1-24



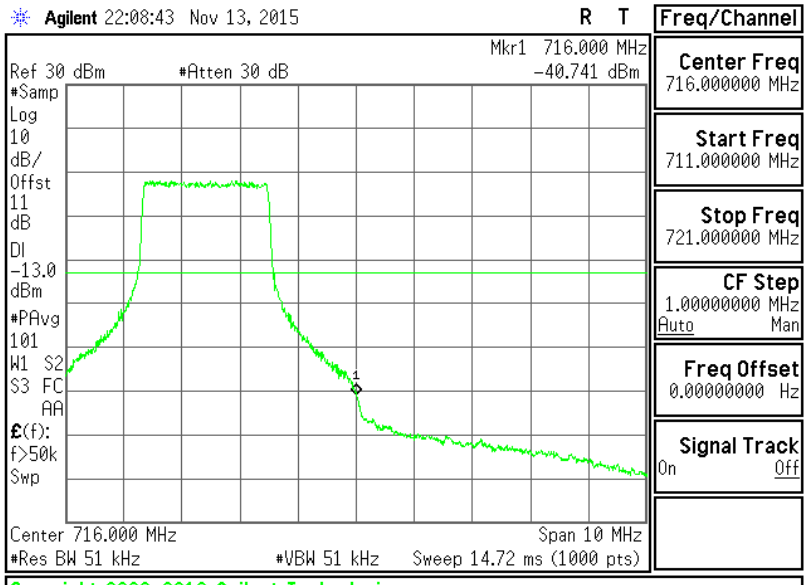
HIGH CH, RB1-24



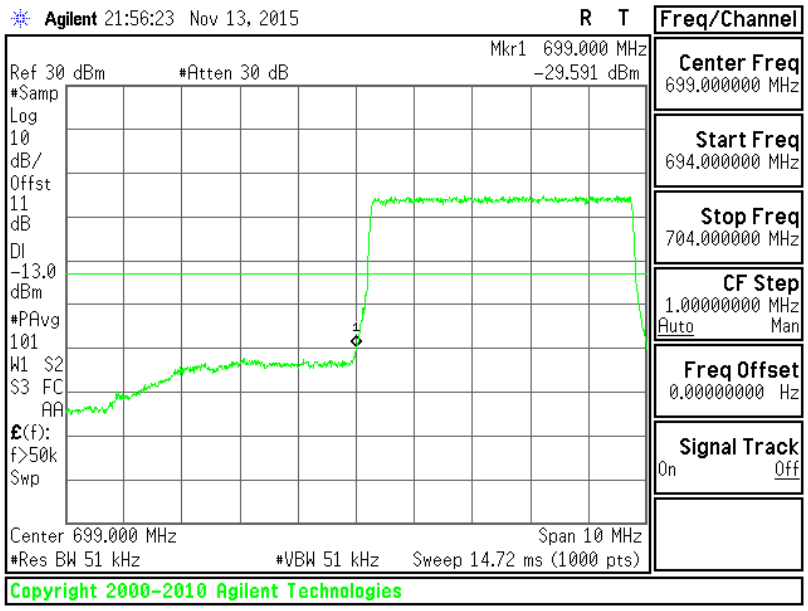
LOW CH, RB12-6



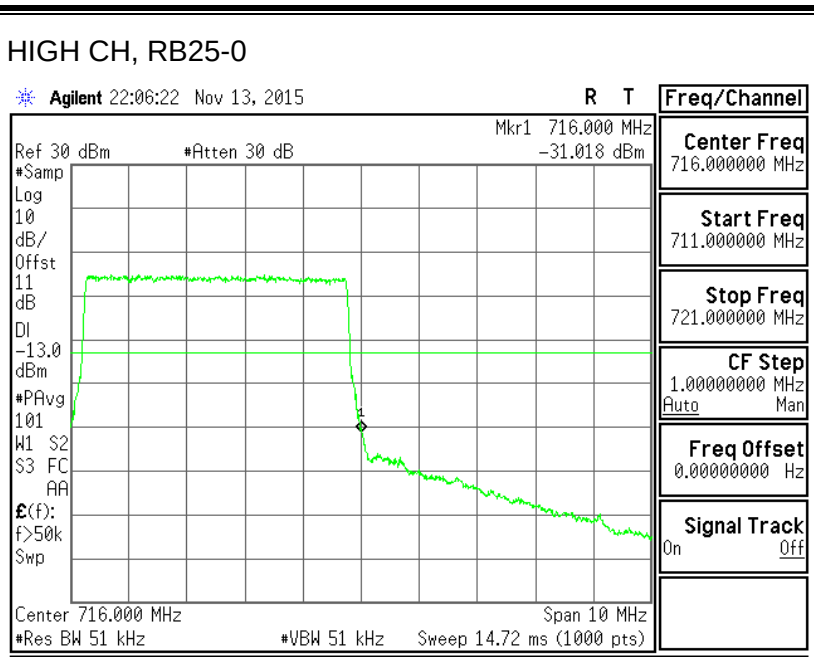
HIGH CH, RB12-6



LOW CH, RB25-0

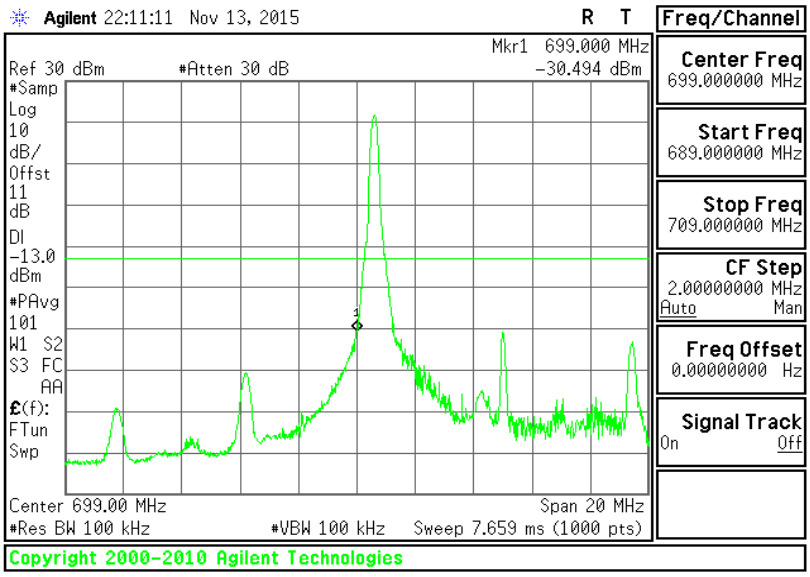


HIGH CH, RB25-0

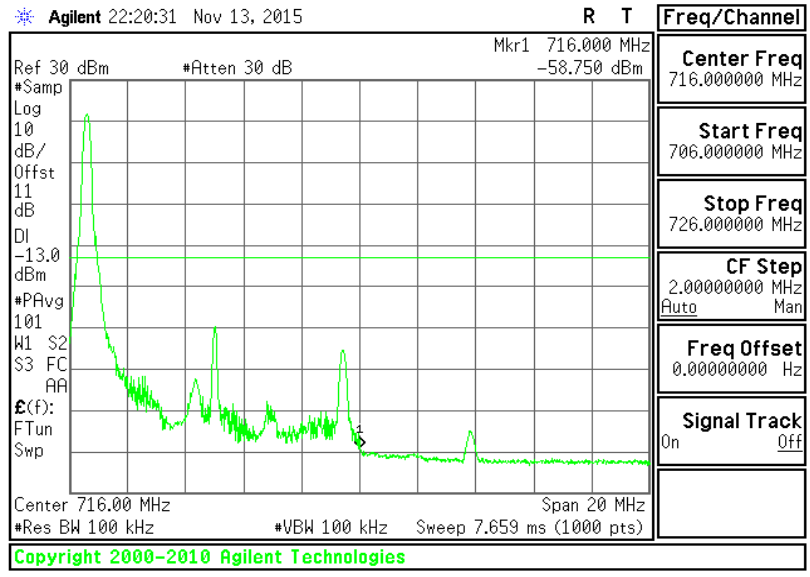


QPSK, (10.0 MHz BAND WIDTH)

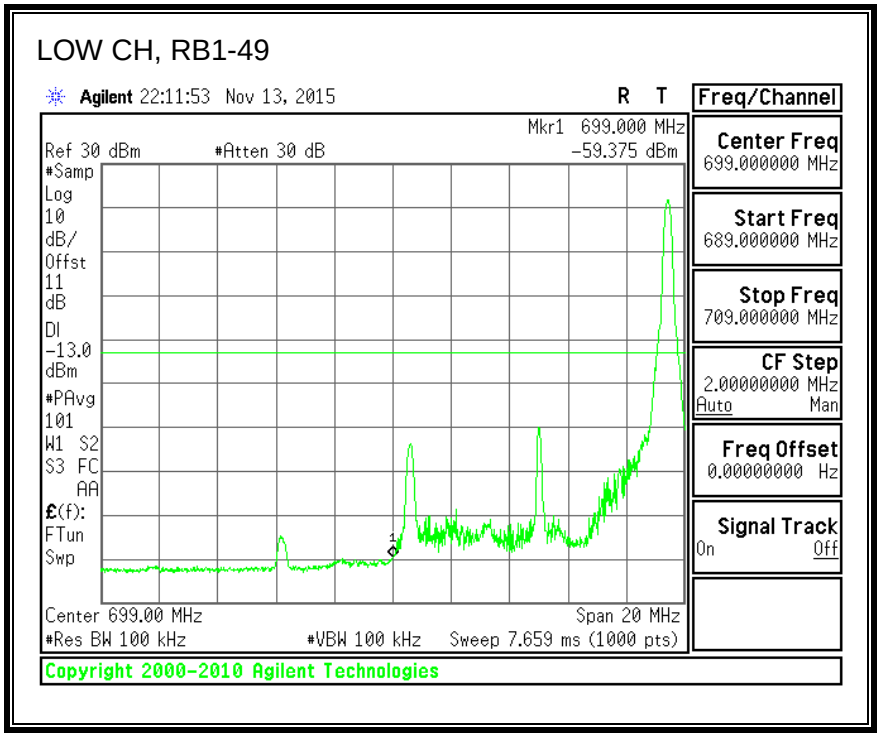
LOW CH, RB1-0



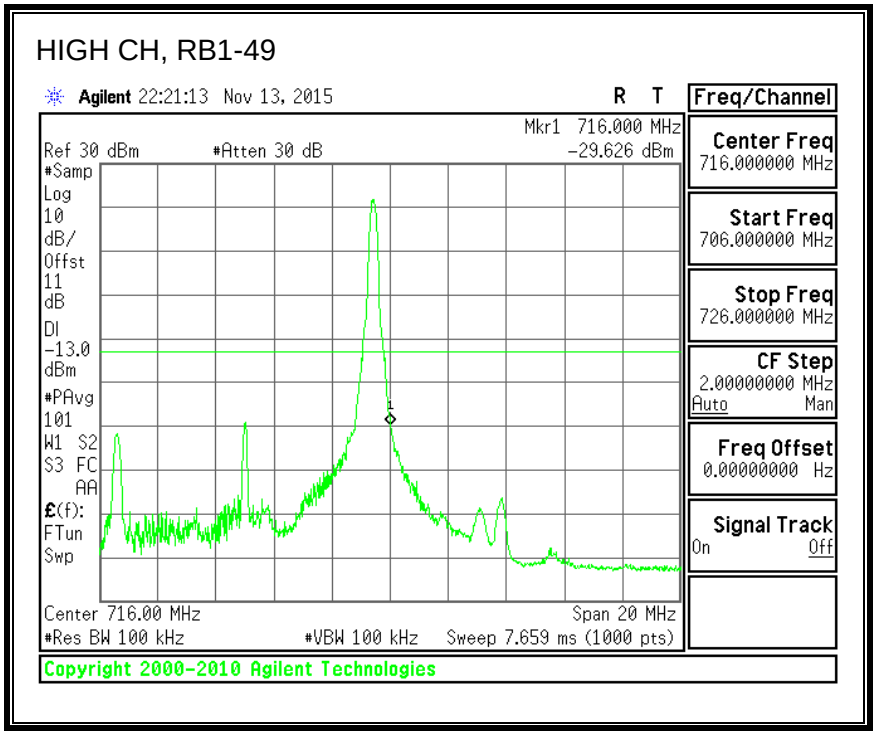
HIGH CH, RB1-0



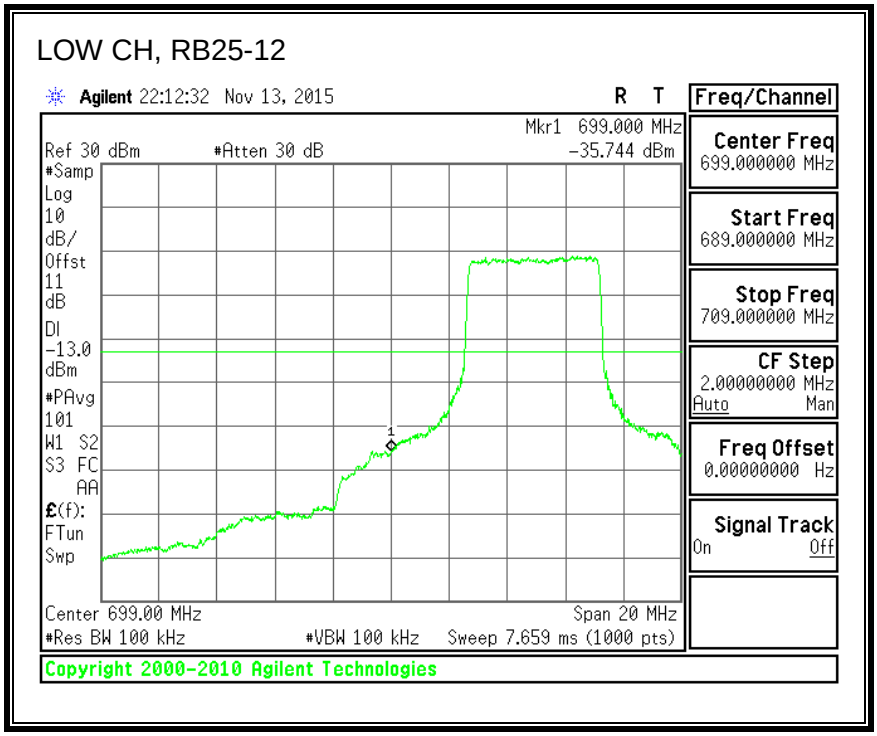
LOW CH, RB1-49



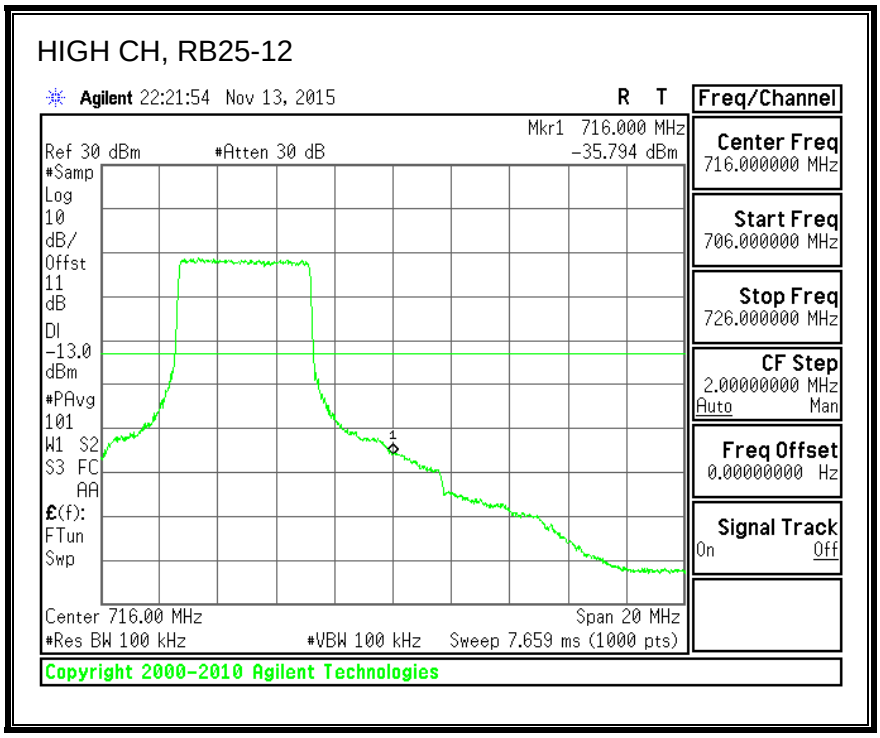
HIGH CH, RB1-49



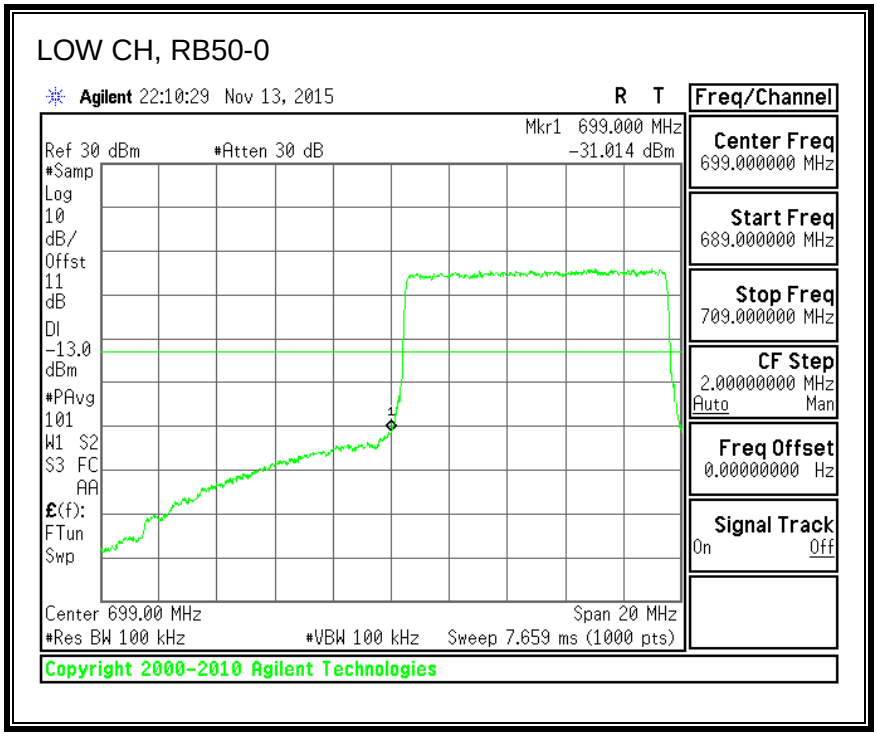
LOW CH, RB25-12



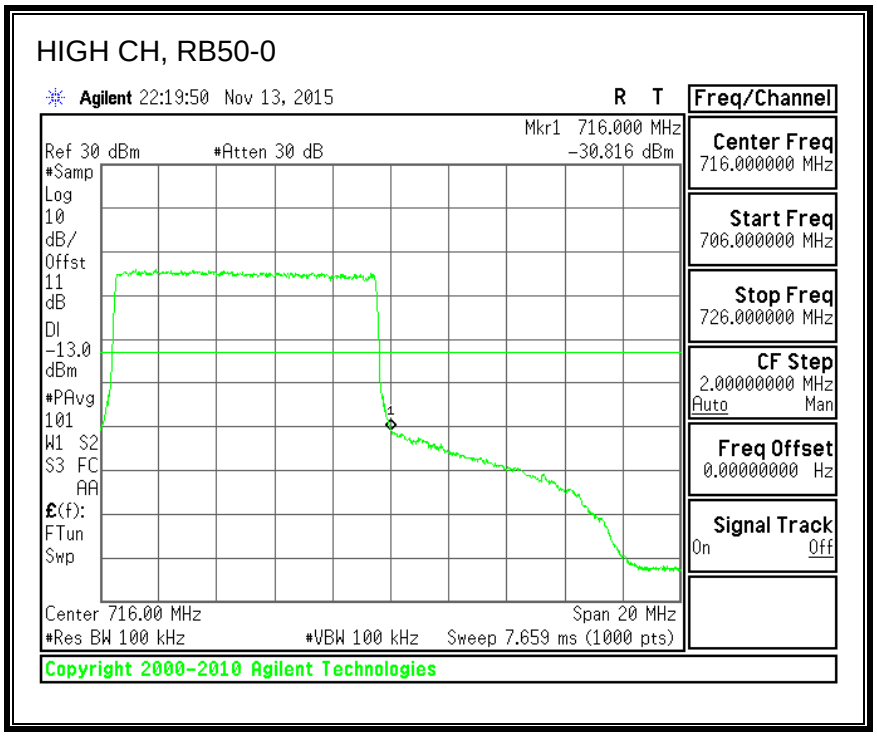
HIGH CH, RB25-12



LOW CH, RB50-0

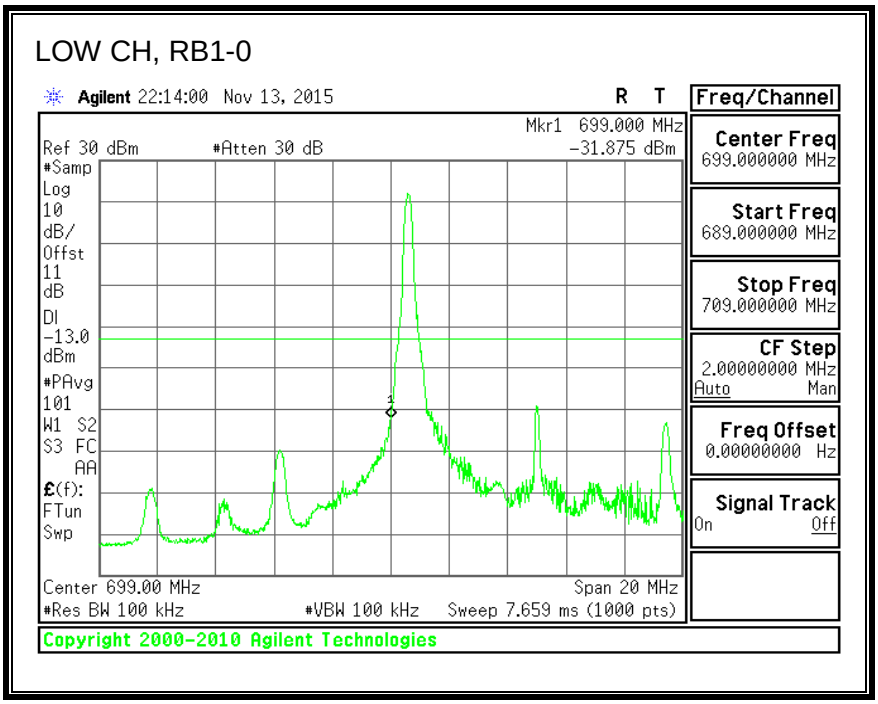


HIGH CH, RB50-0

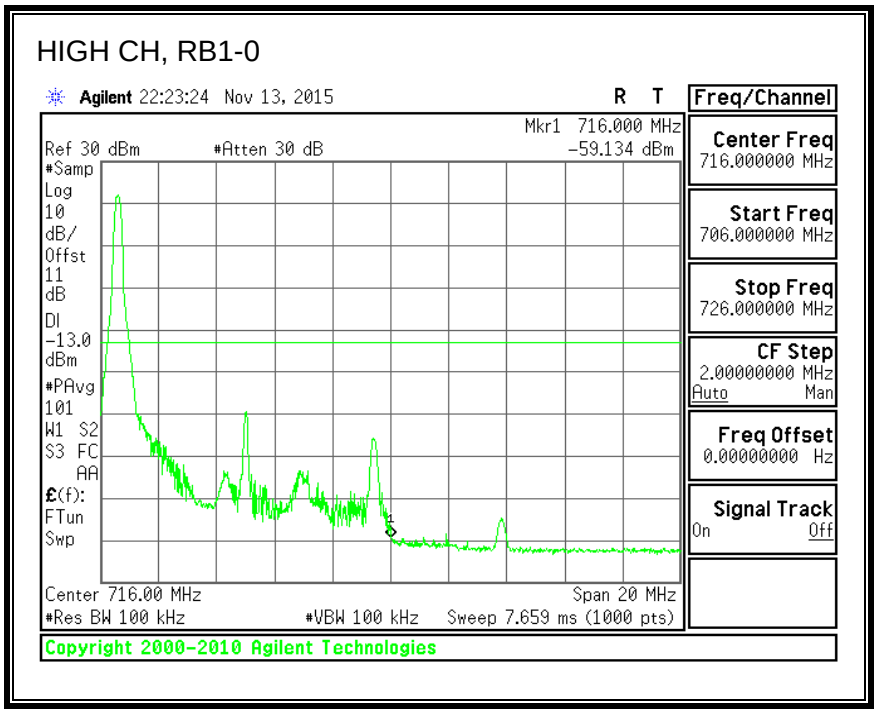


16QAM, (10.0 MHz BAND WIDTH)

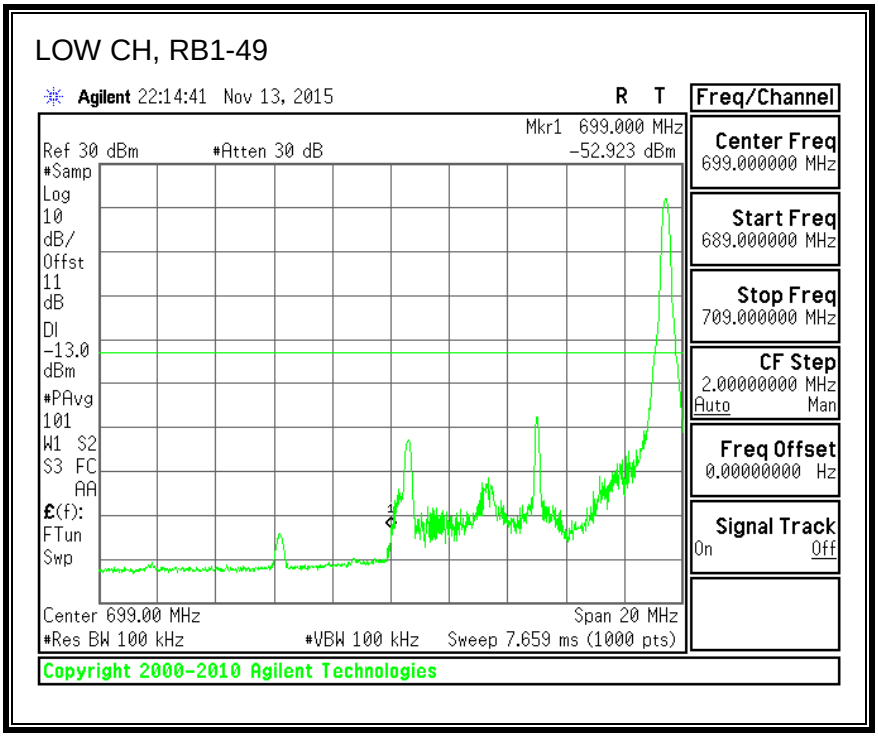
LOW CH, RB1-0



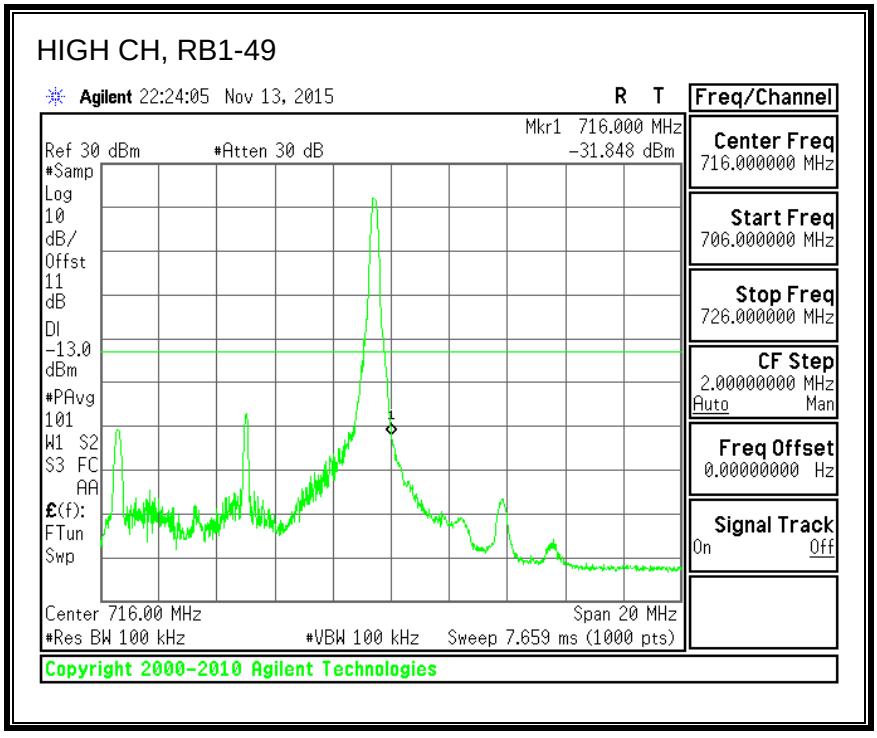
HIGH CH, RB1-0



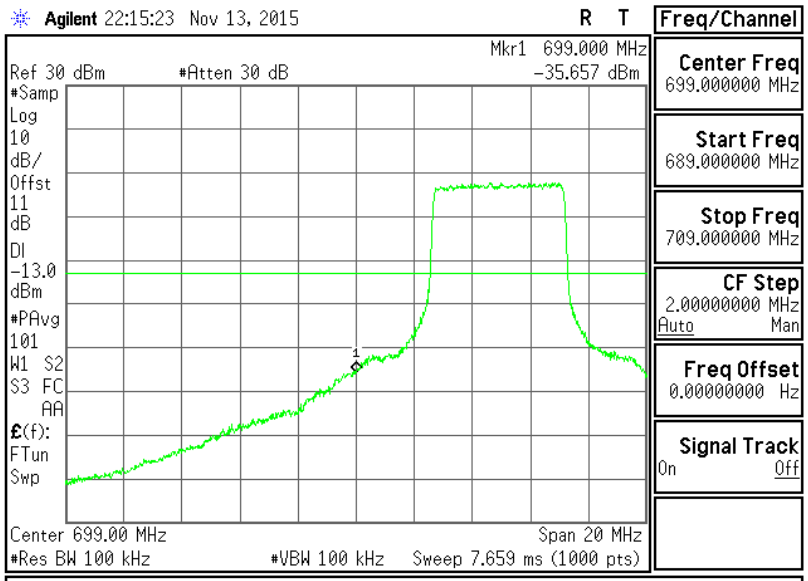
LOW CH, RB1-49



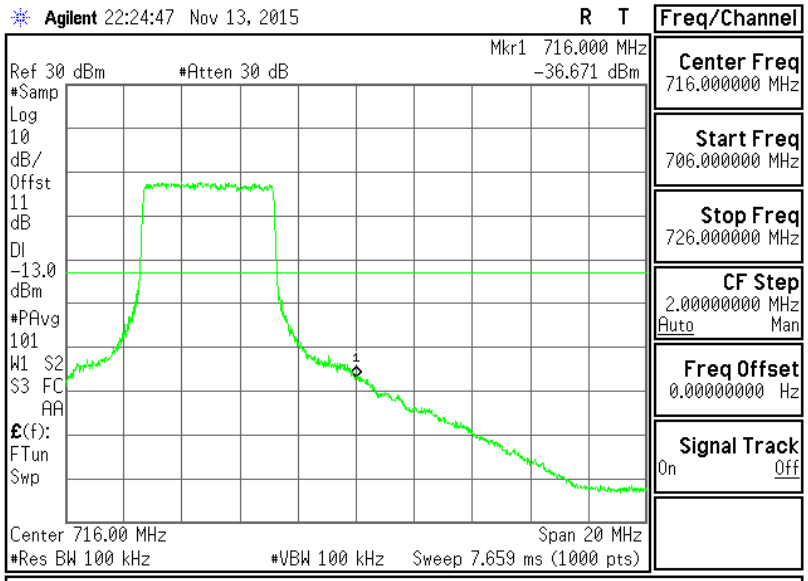
HIGH CH, RB1-49



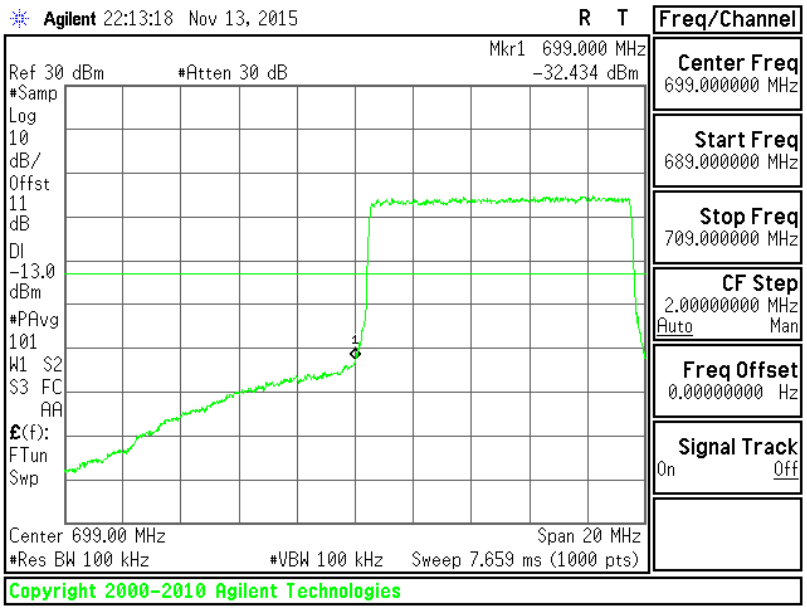
LOW CH, RB25-12



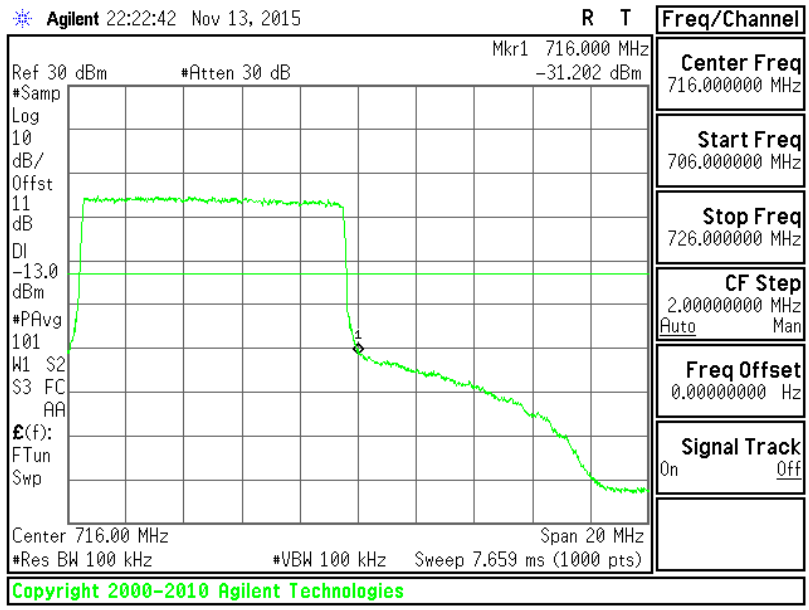
HIGH CH, RB25-12



LOW CH, RB50-0



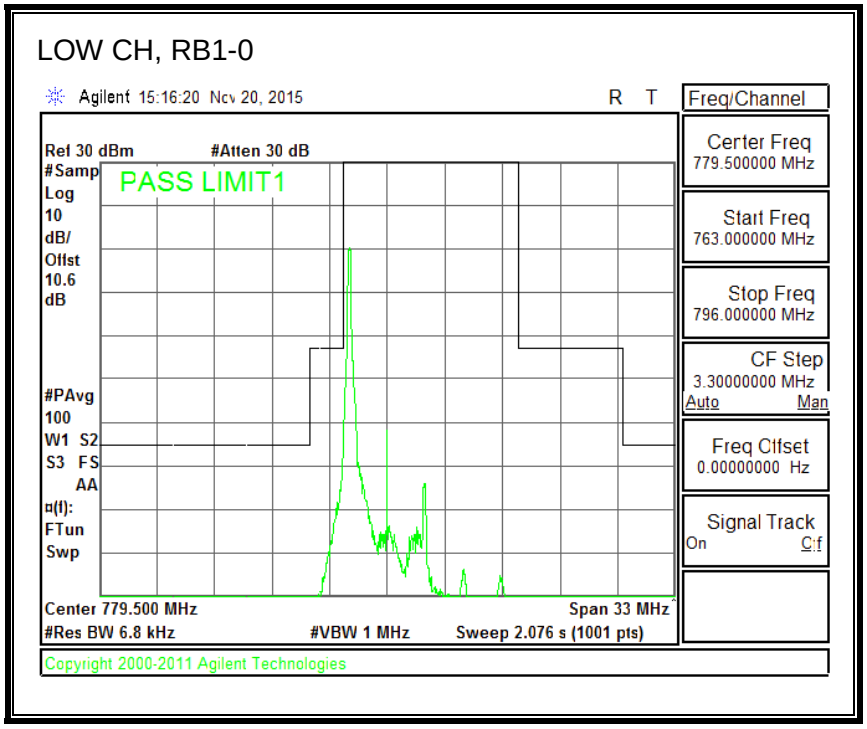
HIGH CH, RB50-0



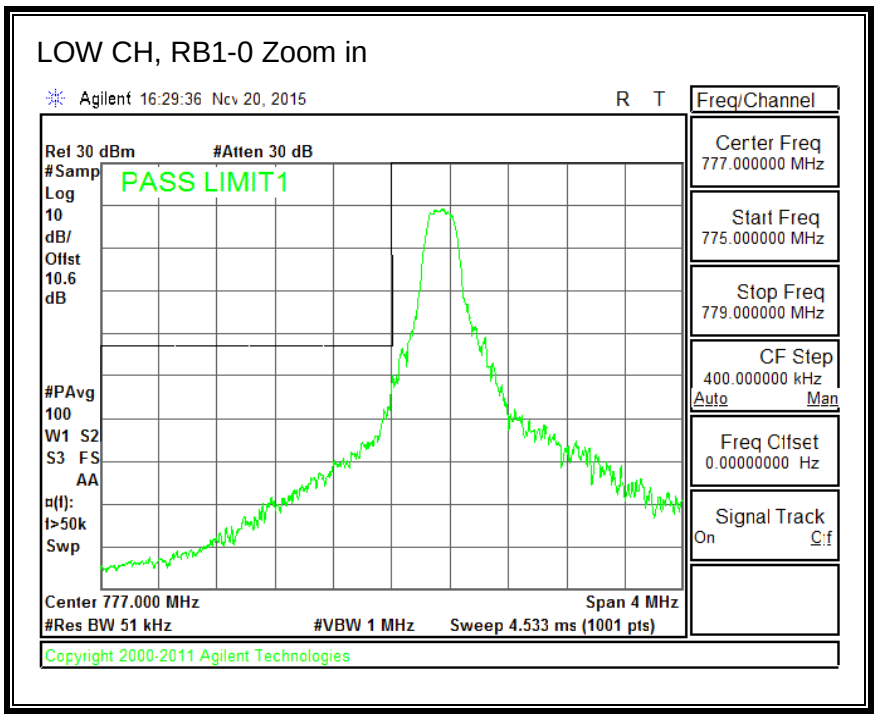
8.2.6. LTE BAND 13 EMISSION MASK

QPSK, (5.0 MHz BAND WIDTH)

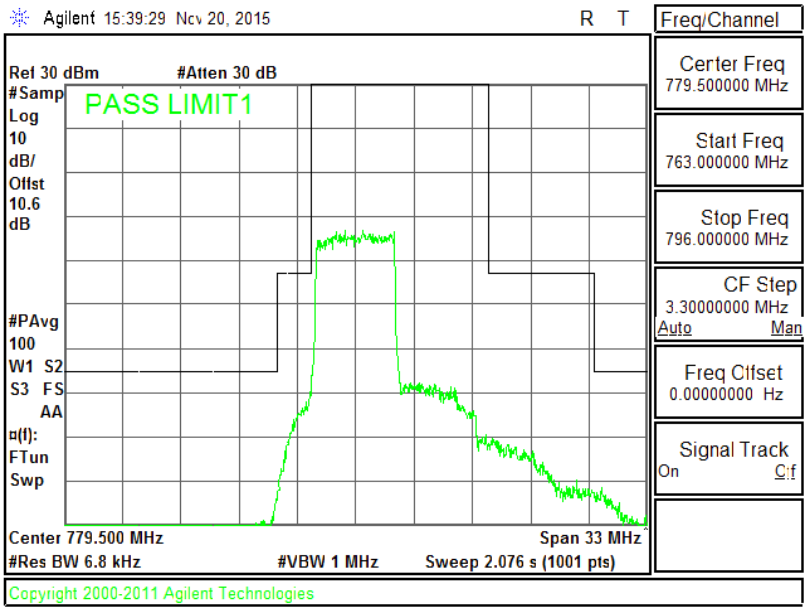
LOW CH, RB1-0



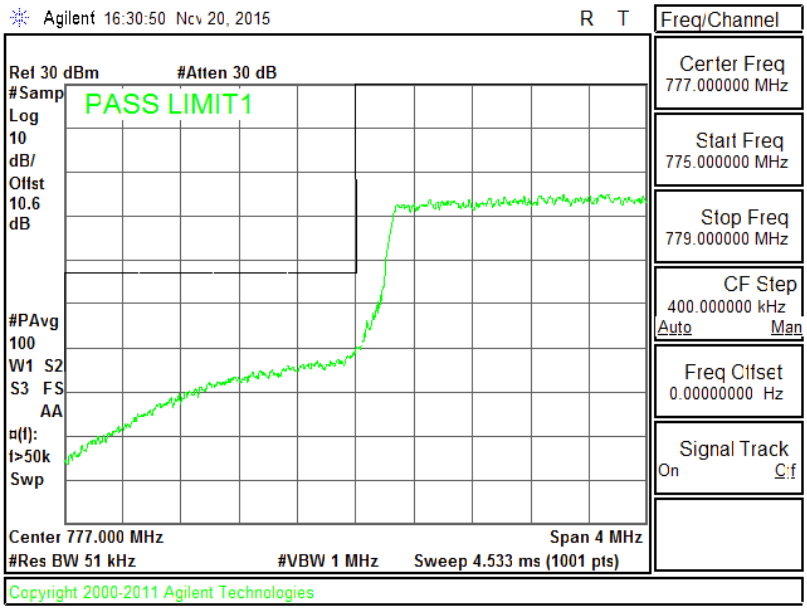
LOW CH, RB1-0 Zoom in



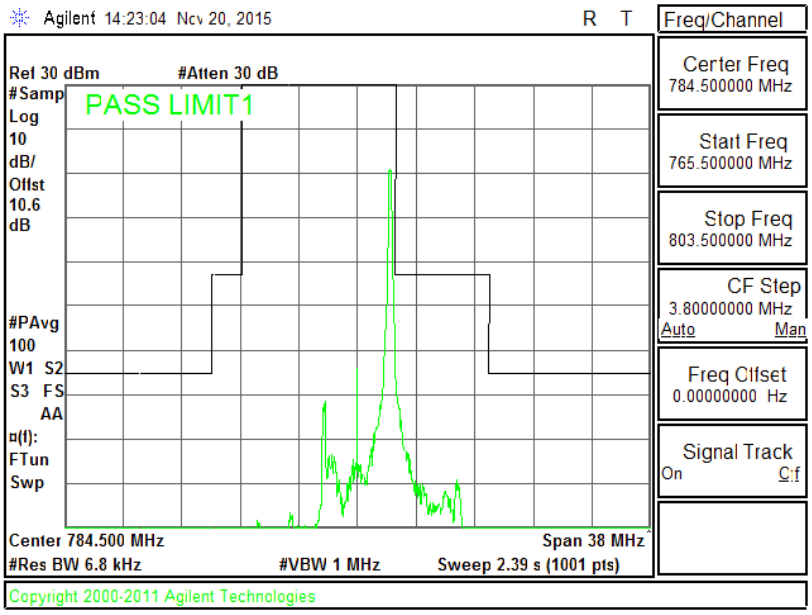
LOW CH, RB25-0



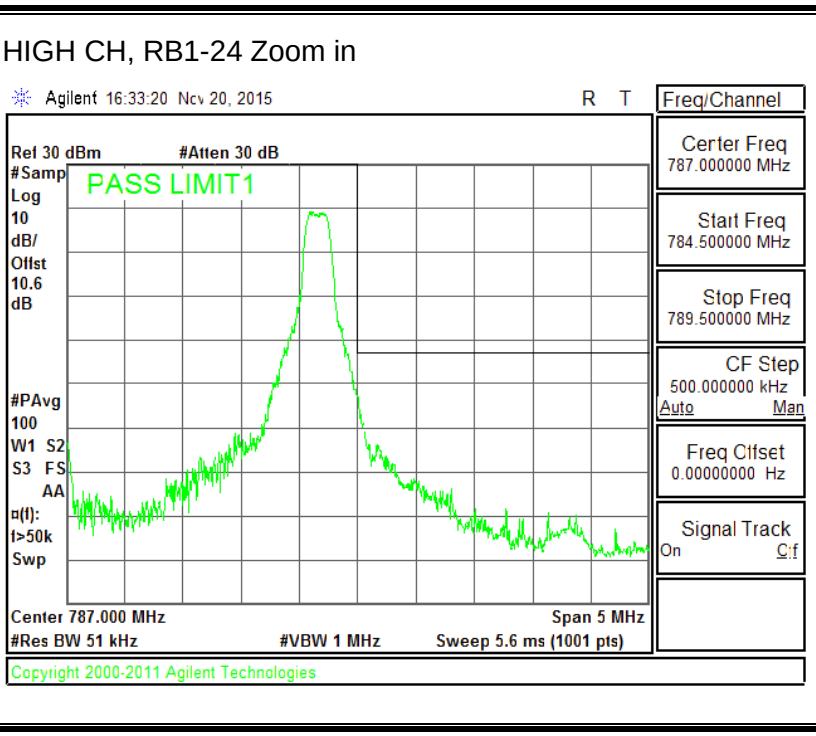
LOW CH, RB25-0 Zoom in



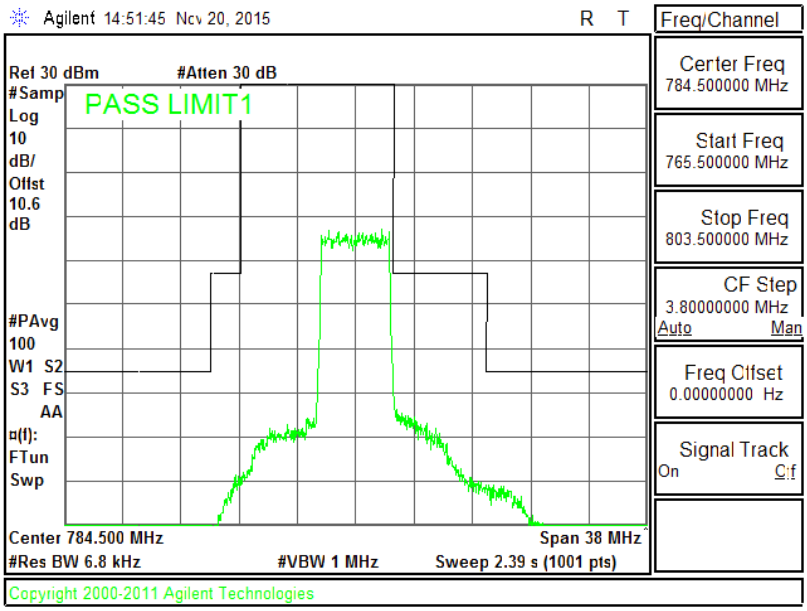
HIGH CH, RB1-24



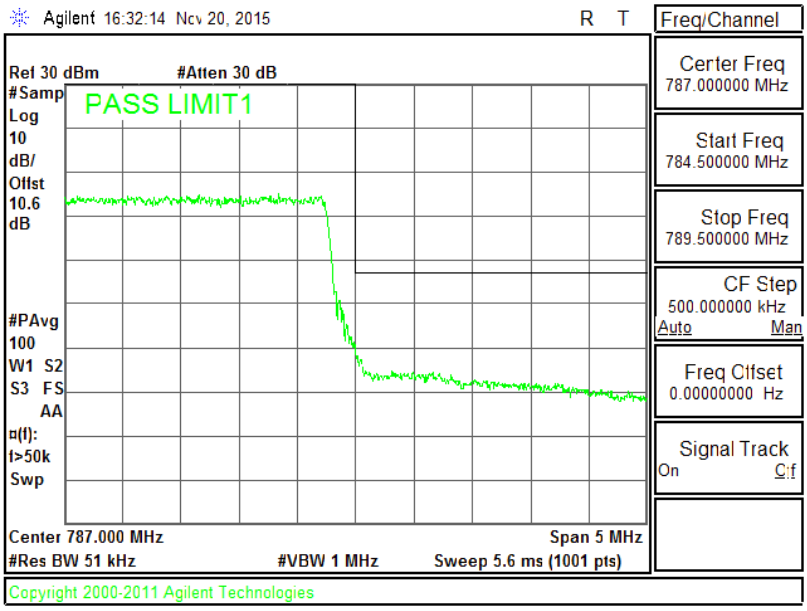
HIGH CH, RB1-24 Zoom in



HIGH CH, RB25-0

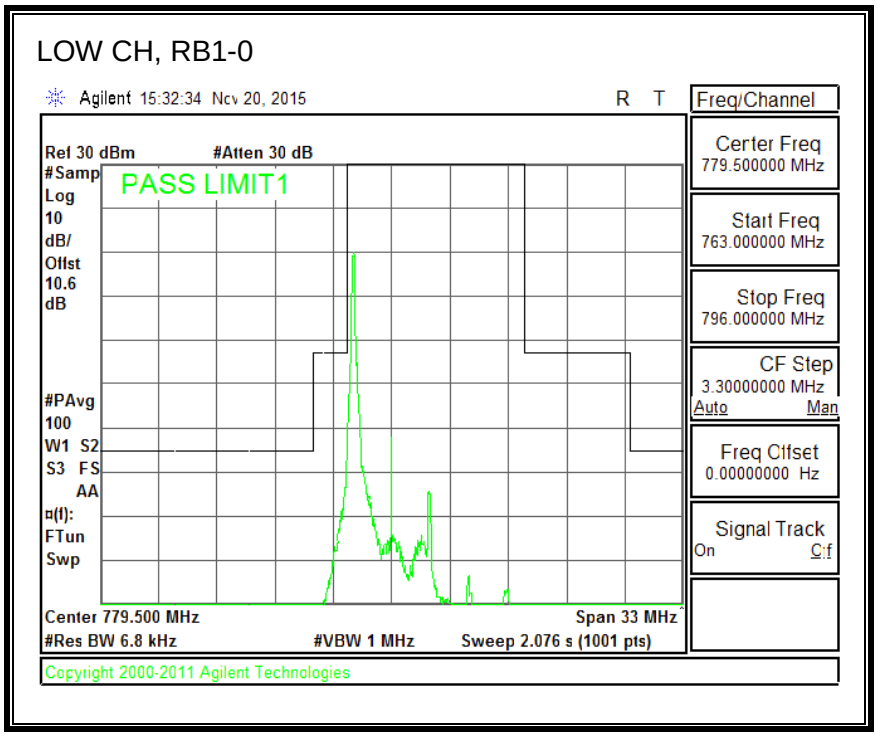


HIGH CH, RB25-0 Zoom in

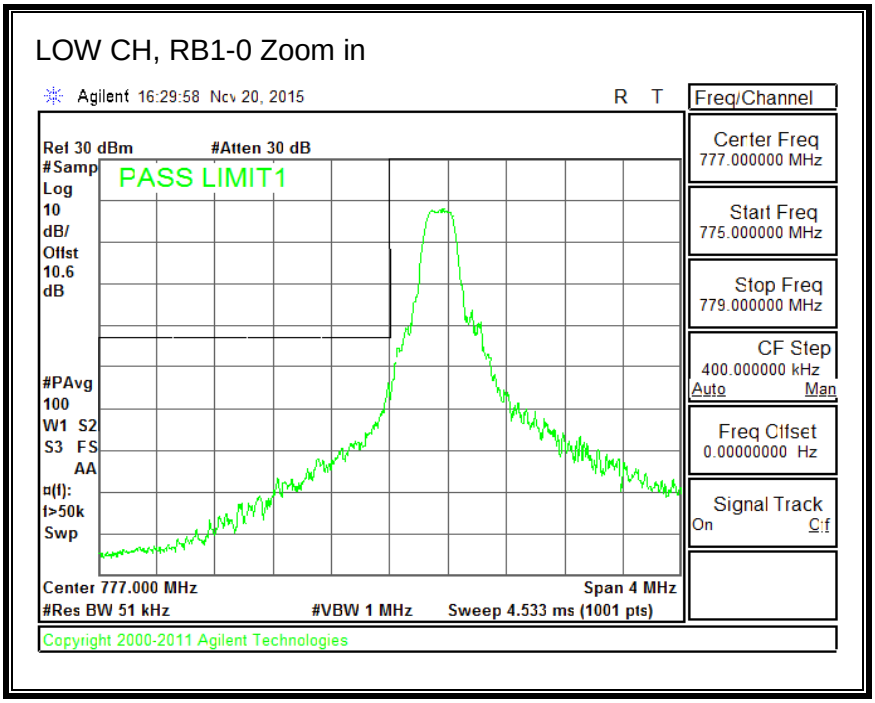


16QAM, (5.0 MHz BAND WIDTH)

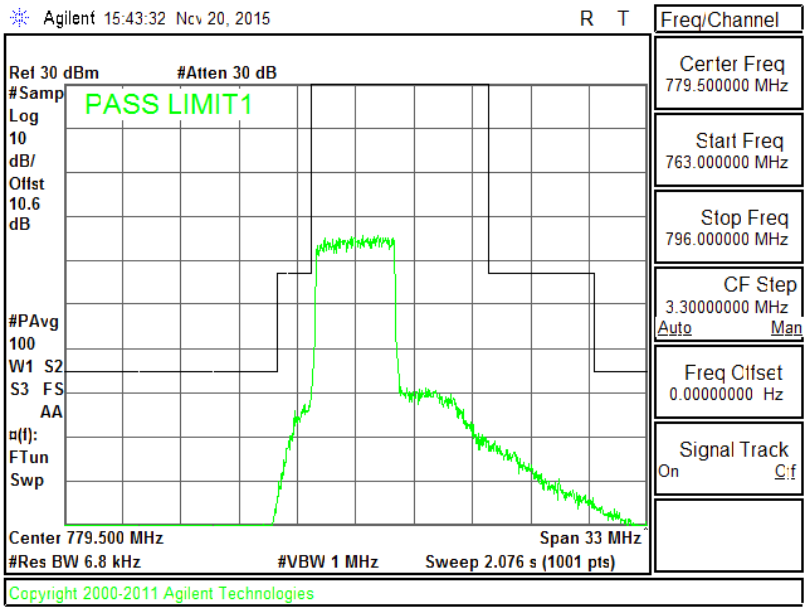
LOW CH, RB1-0



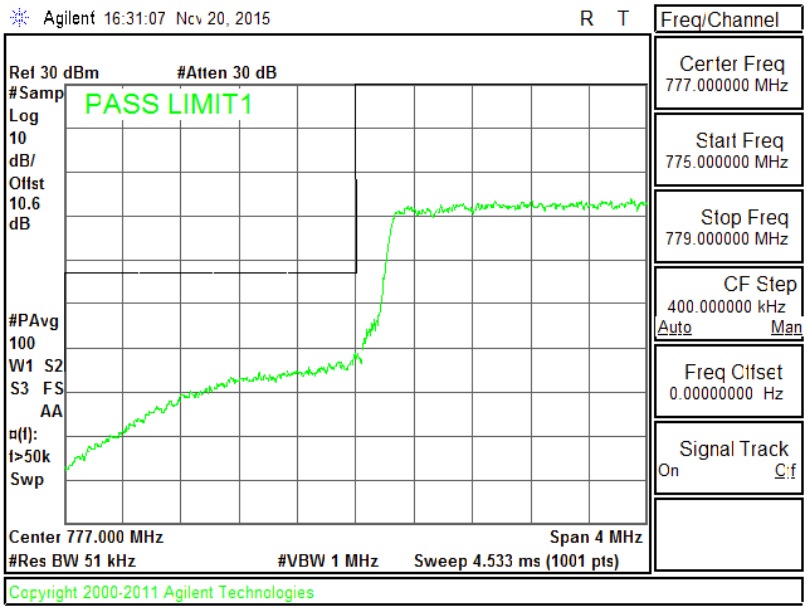
LOW CH, RB1-0 Zoom in



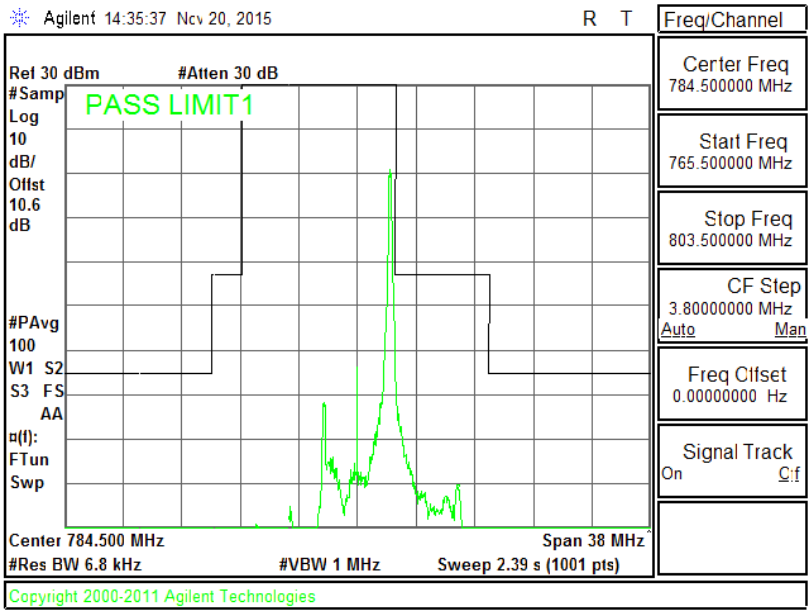
LOW CH, RB25-0



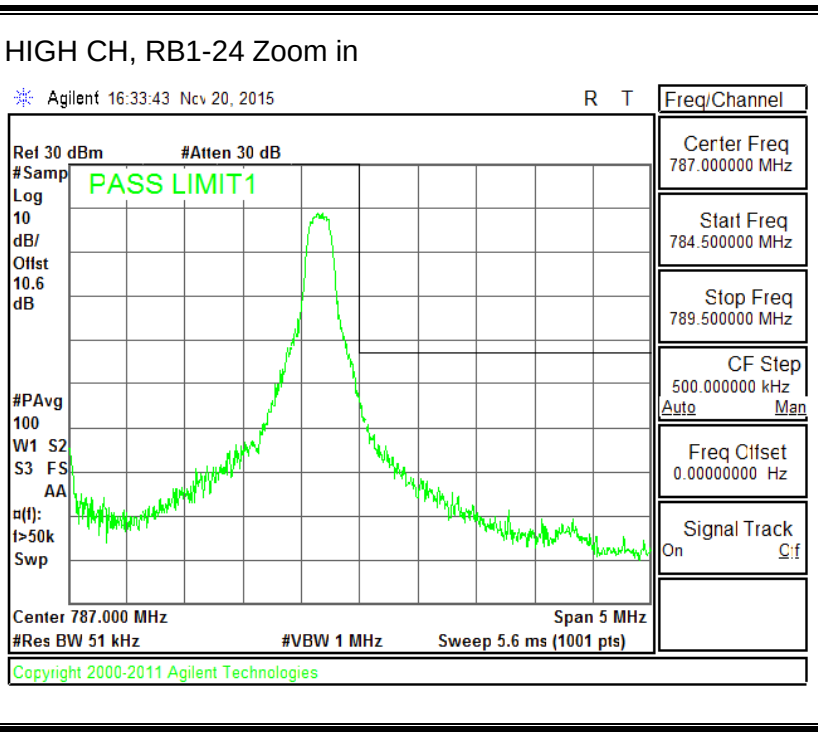
LOW CH, RB25-0 Zoom in



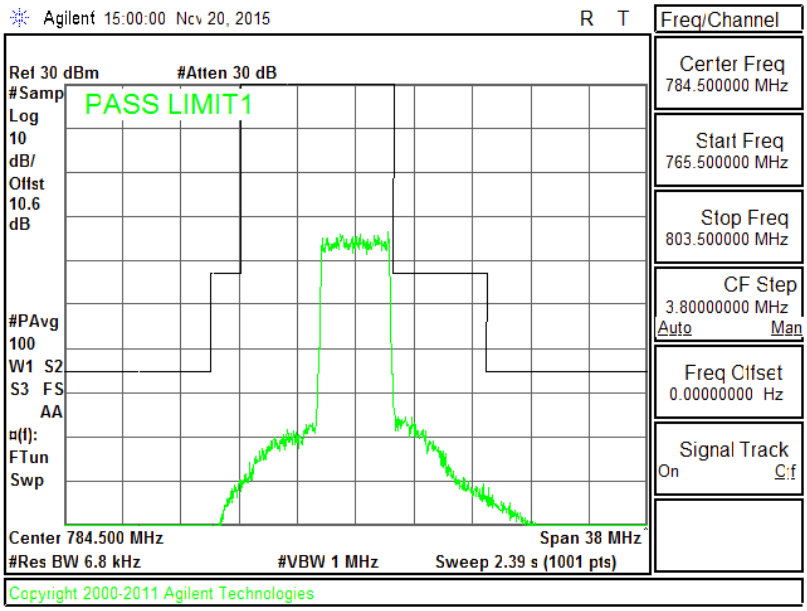
HIGH CH, RB1-24



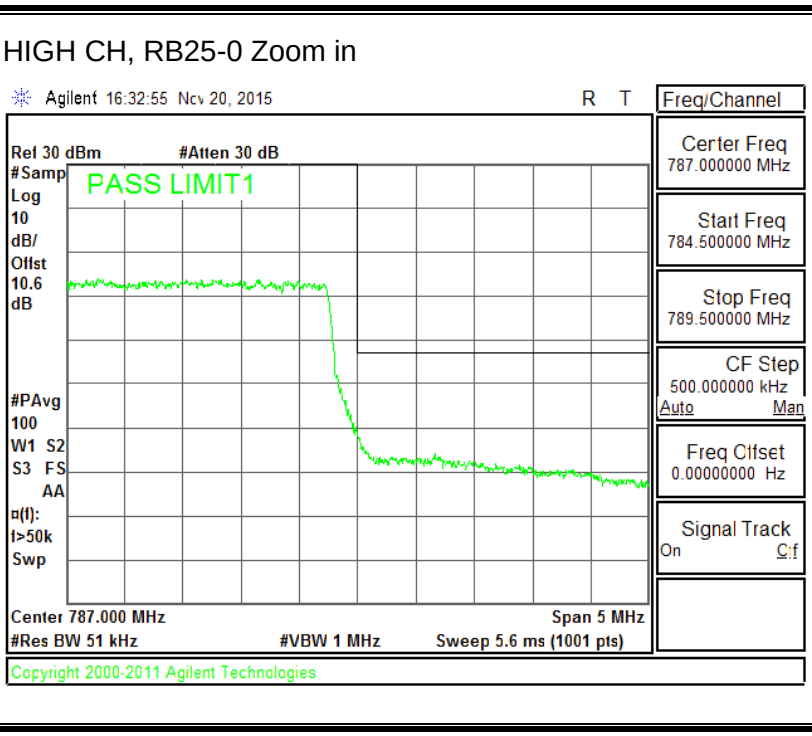
HIGH CH, RB1-24 Zoom in



HIGH CH, RB25-0

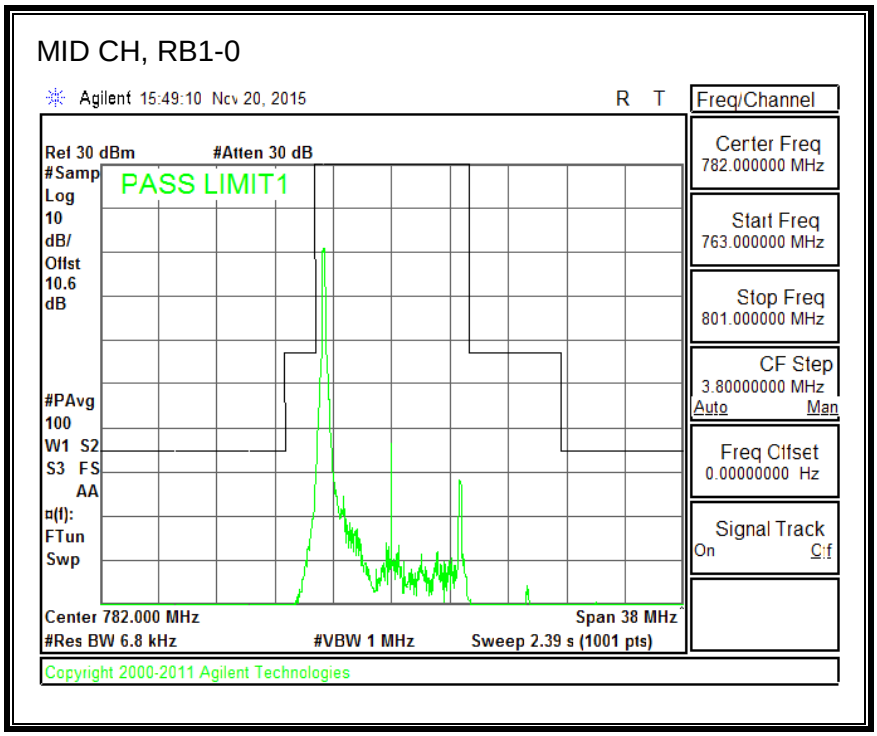


HIGH CH, RB25-0 Zoom in

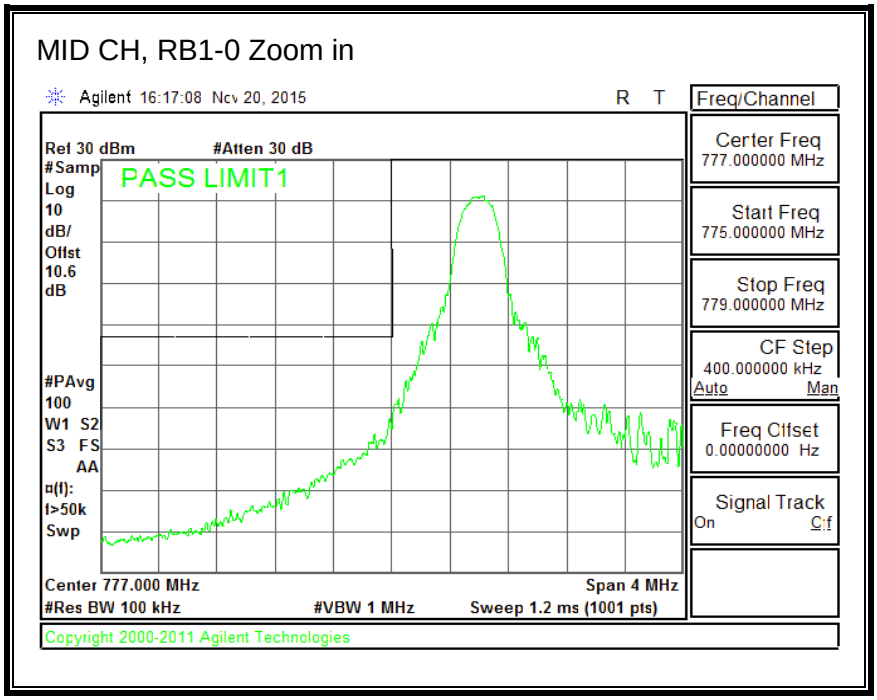


QPSK, (10.0 MHz BAND WIDTH)

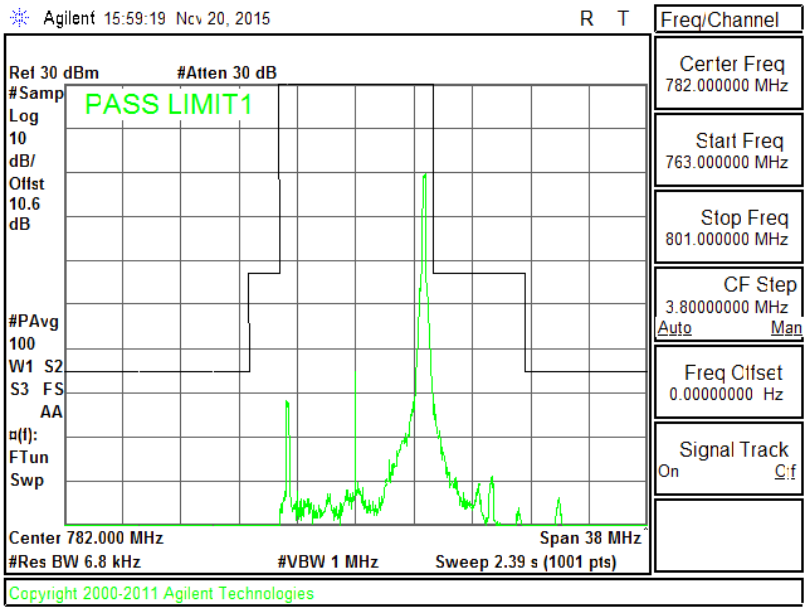
MID CH, RB1-0



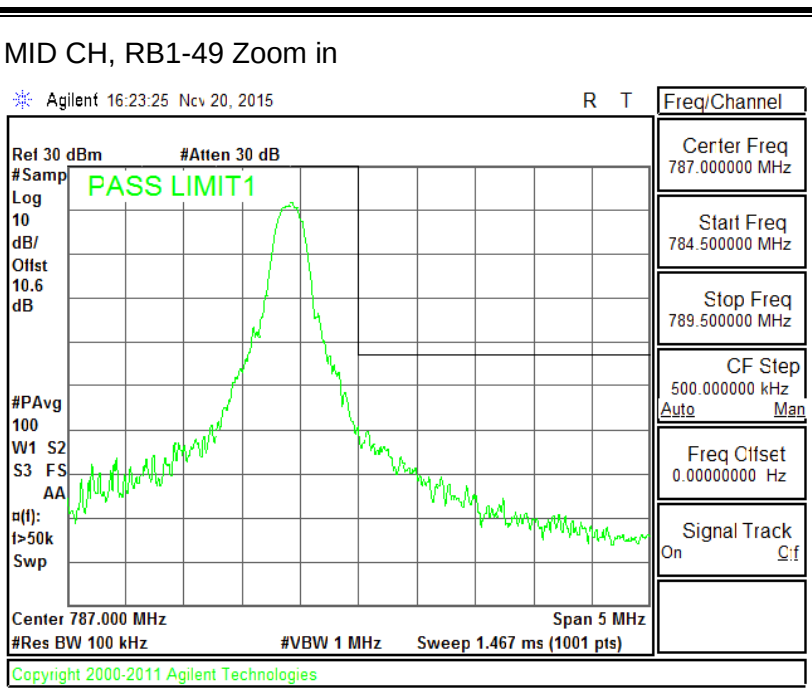
MID CH, RB1-0 Zoom in



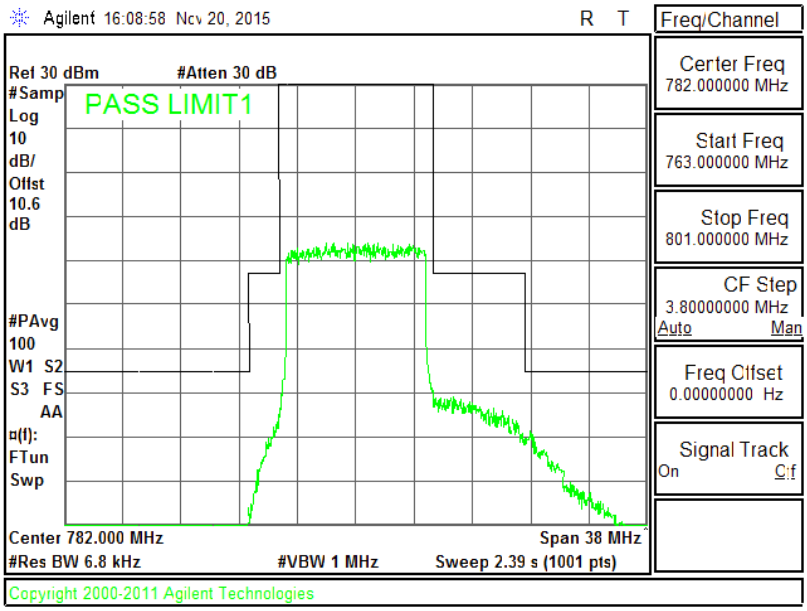
MID CH, RB1-49



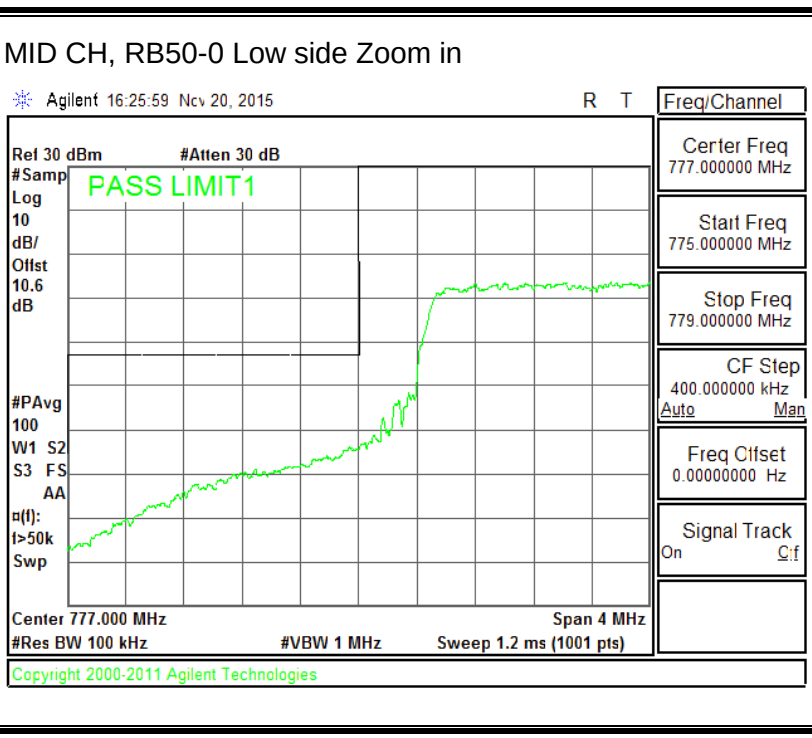
MID CH, RB1-49 Zoom in



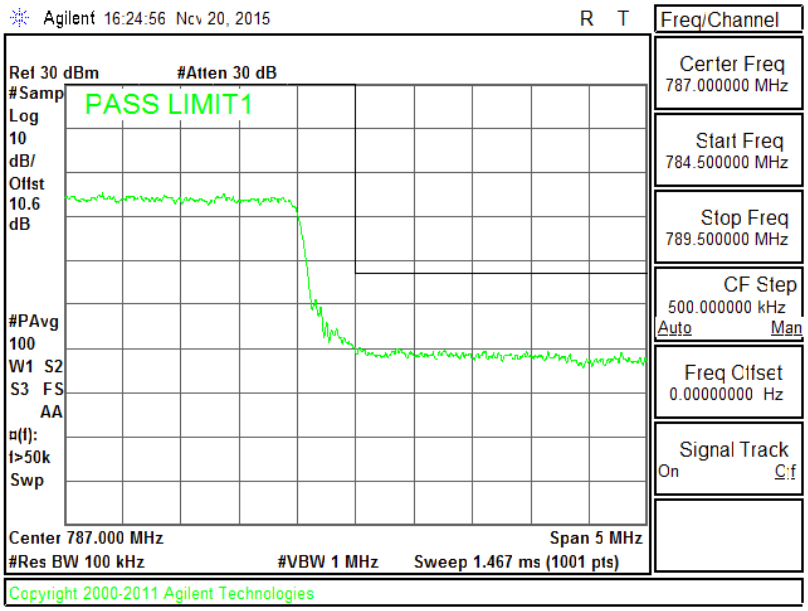
MID CH, RB50-0



MID CH, RB50-0 Low side Zoom in

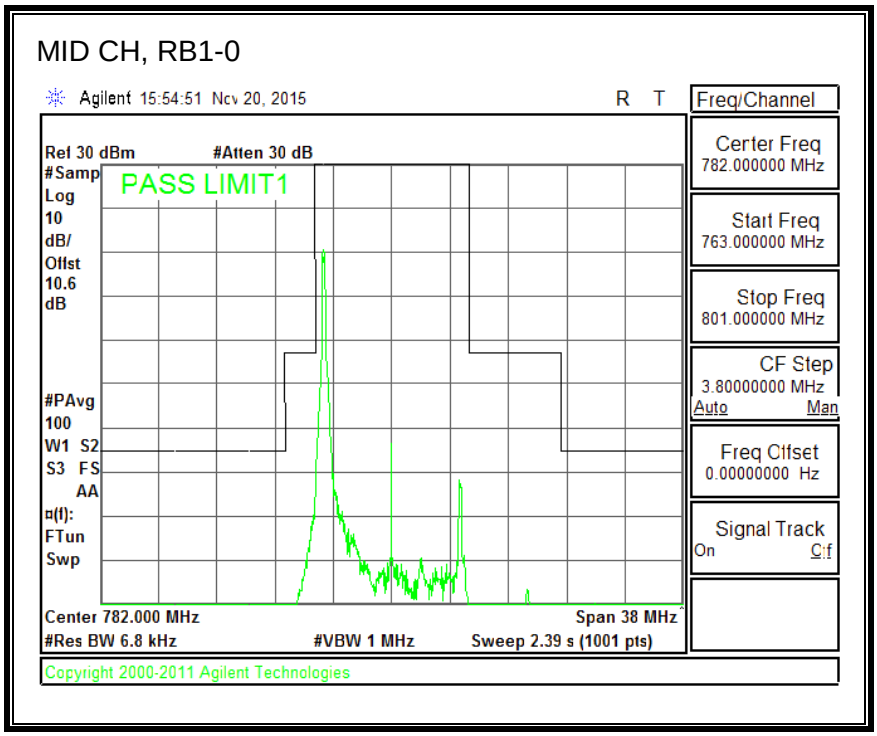


MID CH, RB50-0 High side Zoom in

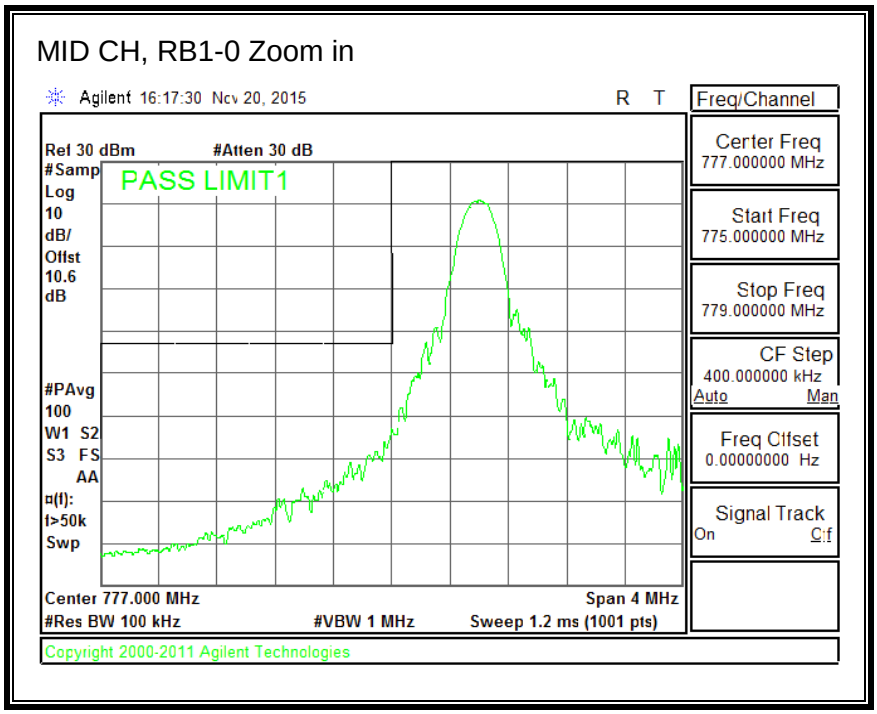


16QAM, (10.0 MHz BAND WIDTH)

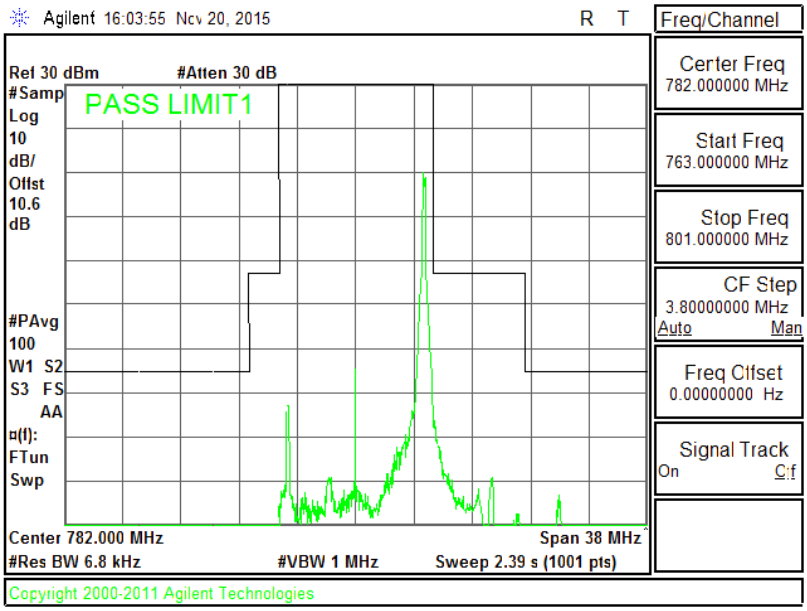
MID CH, RB1-0



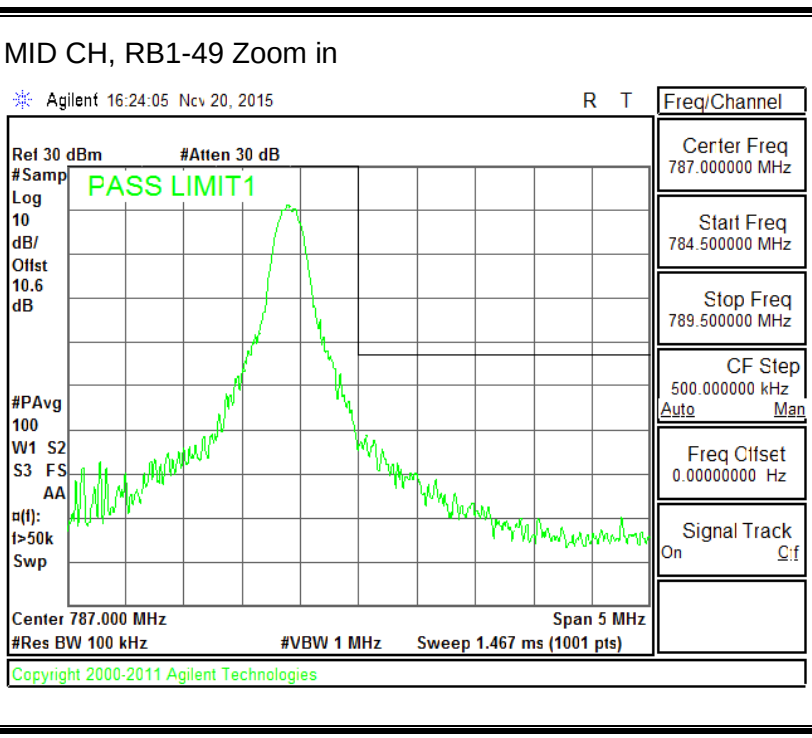
MID CH, RB1-0 Zoom in



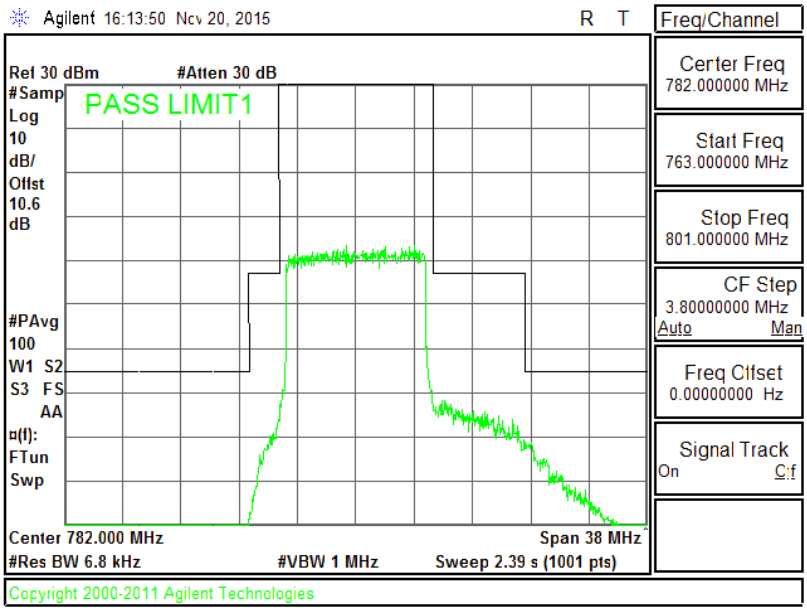
MID CH, RB1-49



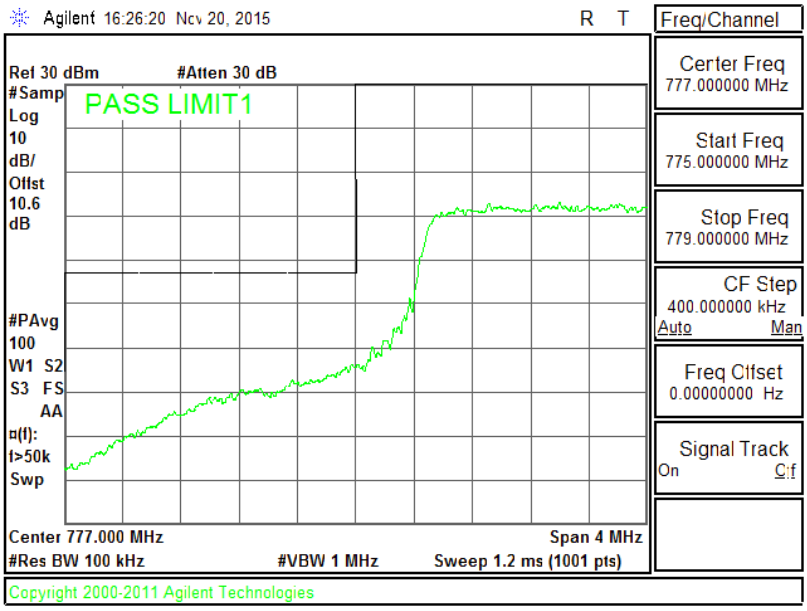
MID CH, RB1-49 Zoom in



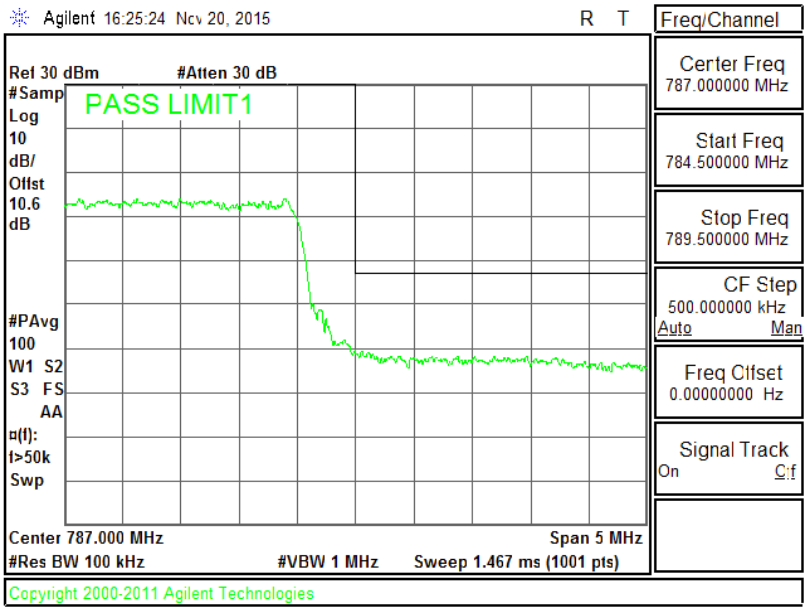
MID CH, RB50-0



MID CH, RB50-0 Low side Zoom in



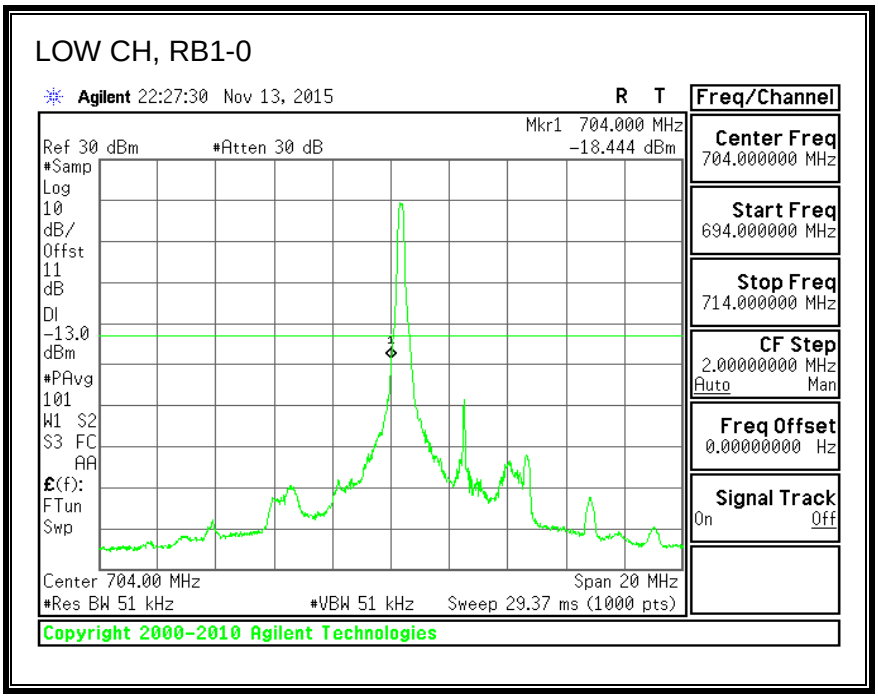
MID CH, RB50-0 High side Zoom in



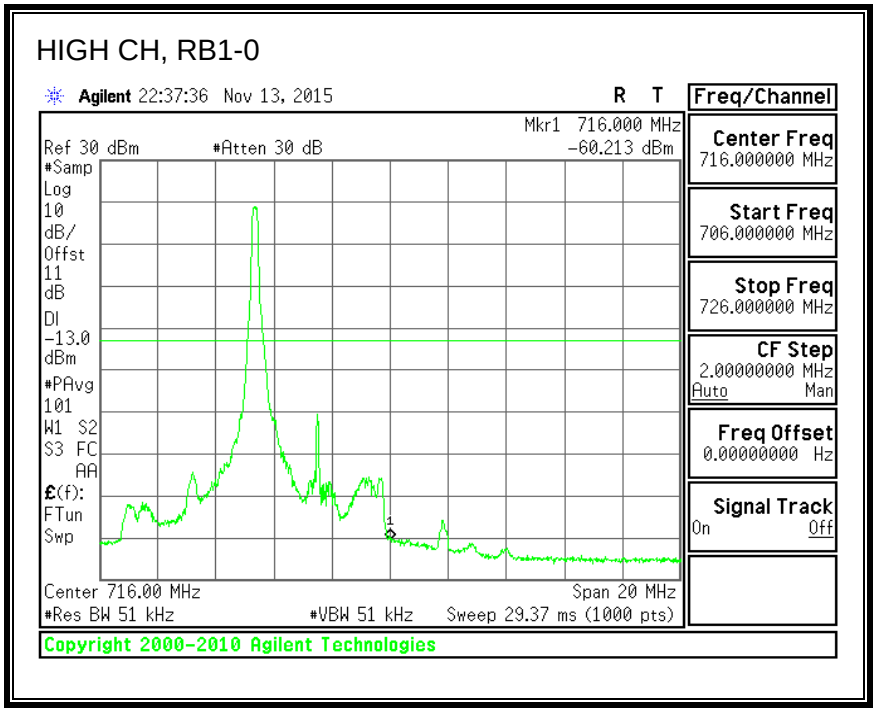
8.2.7. LTE BAND 17 BANDEDGE

QPSK, (5.0 MHz BAND WIDTH)

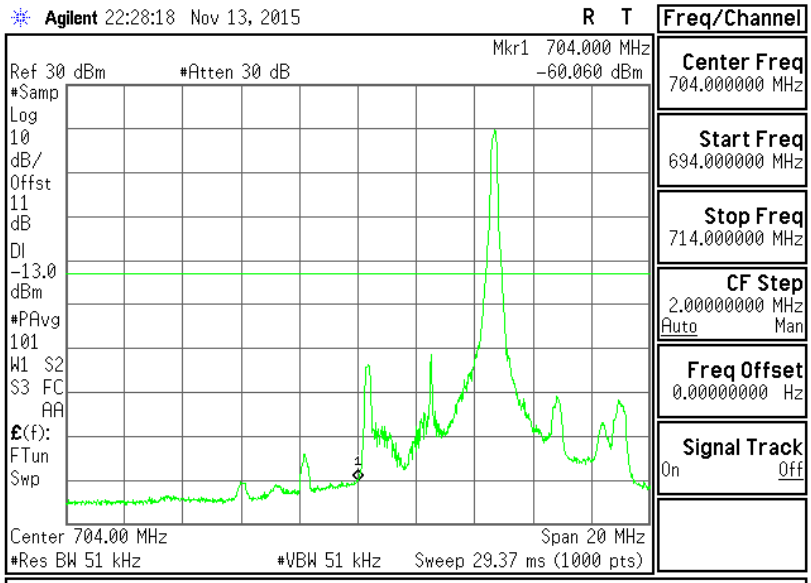
LOW CH, RB1-0



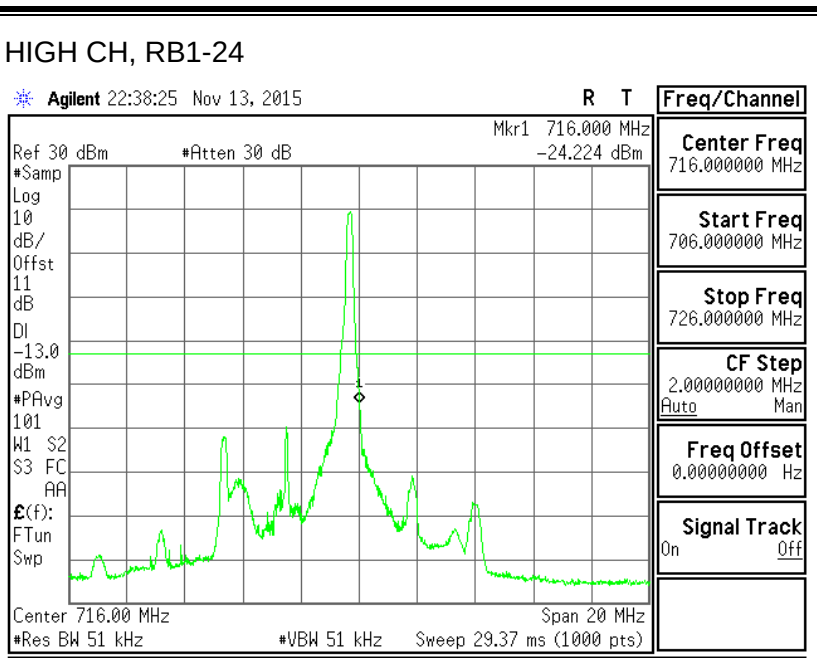
HIGH CH, RB1-0



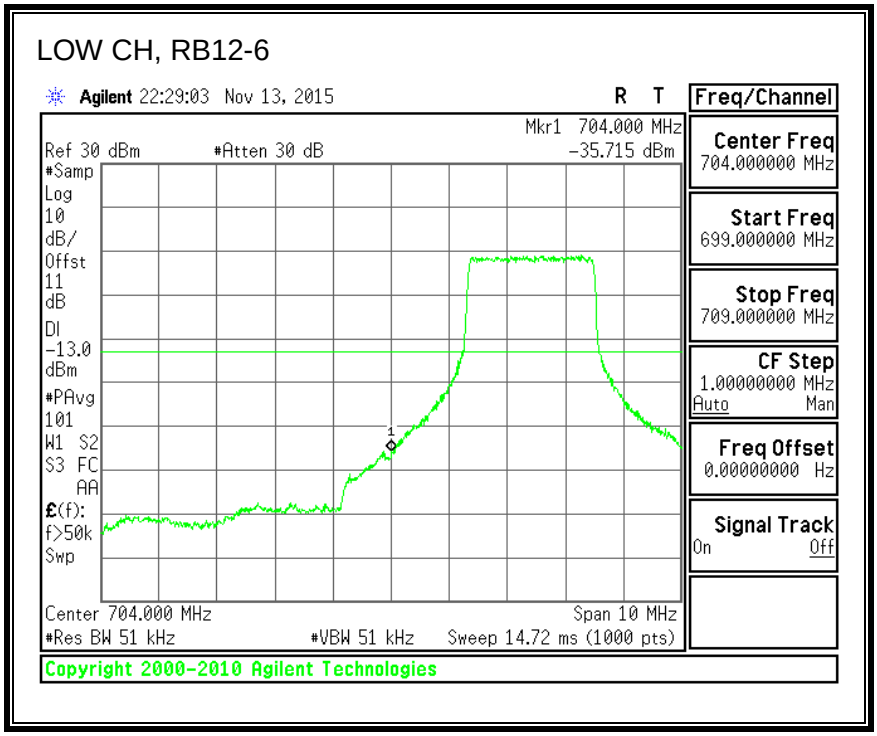
LOW CH, RB1-24



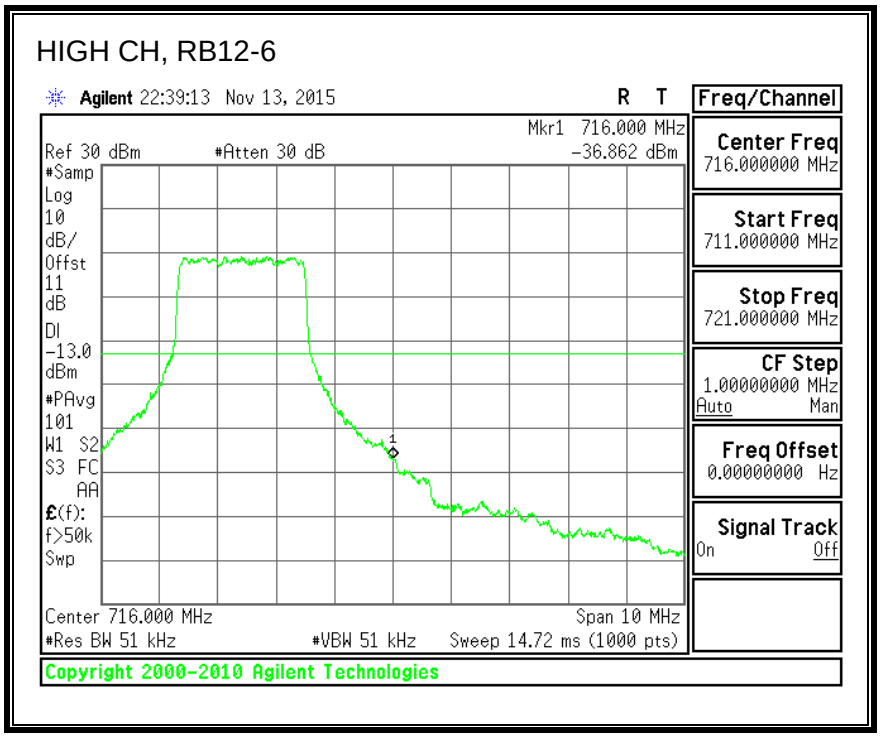
HIGH CH, RB1-24



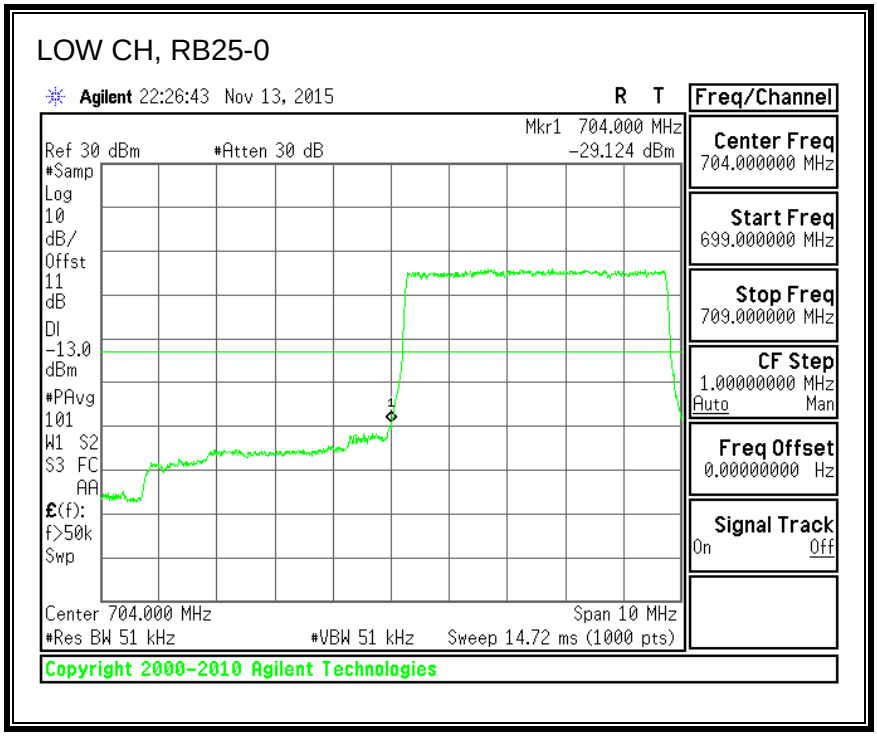
LOW CH, RB12-6



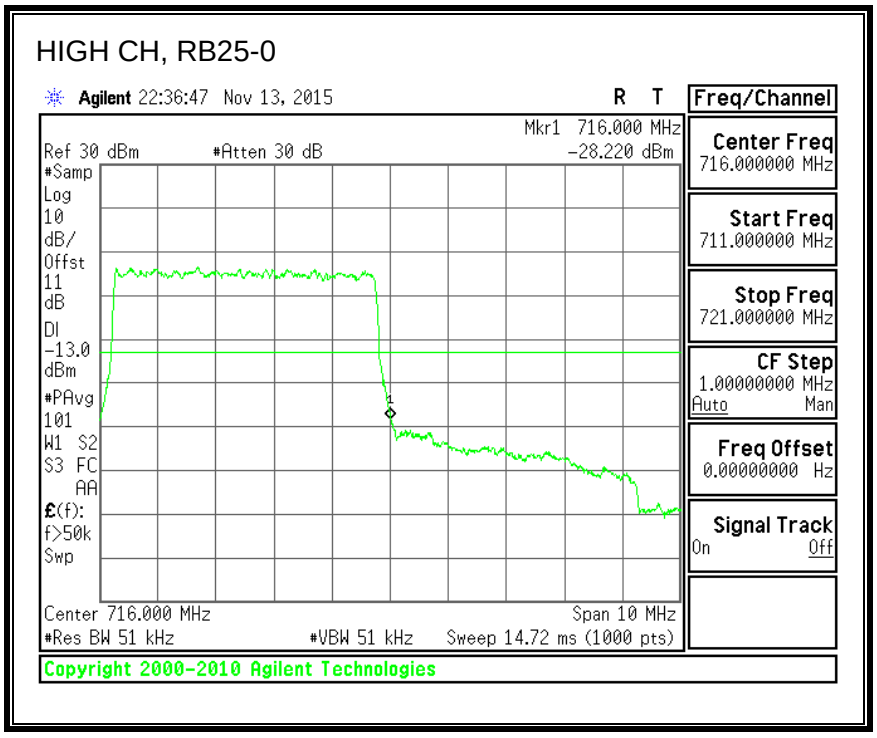
HIGH CH, RB12-6



LOW CH, RB25-0

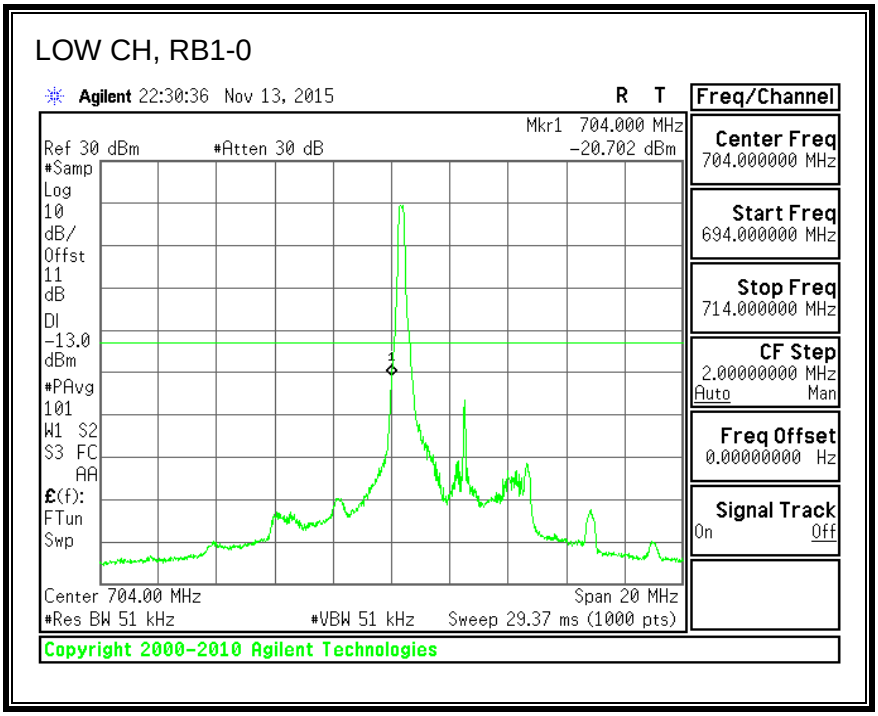


HIGH CH, RB25-0

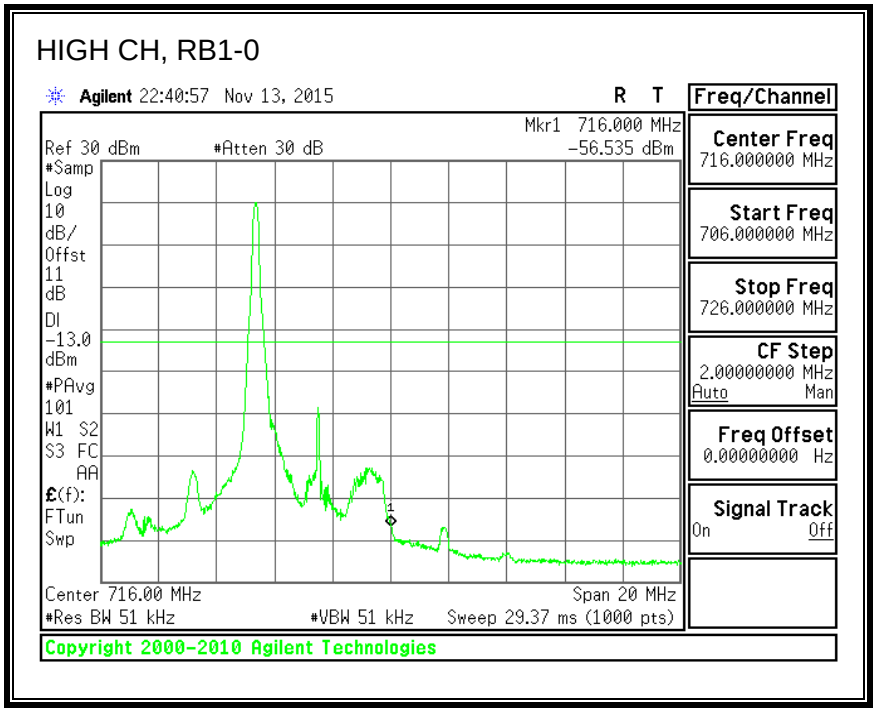


16QAM, (5.0 MHz BAND WIDTH)

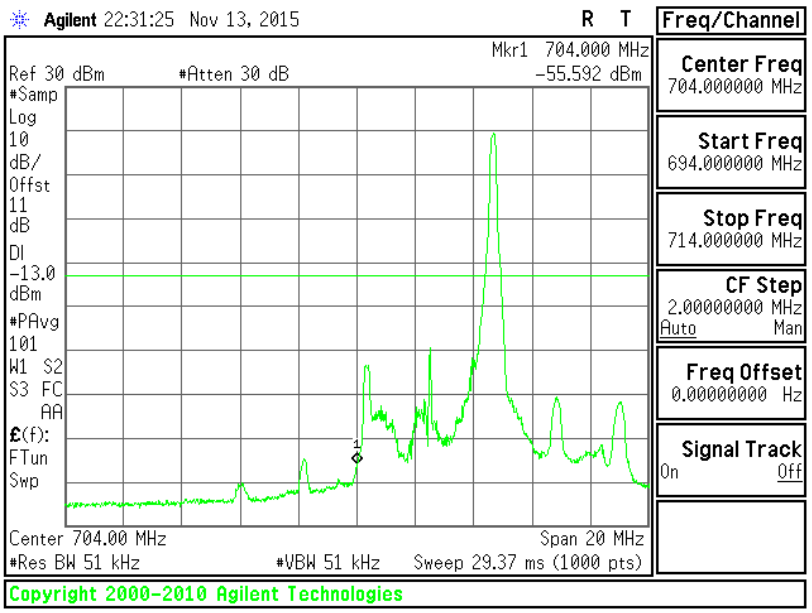
LOW CH, RB1-0



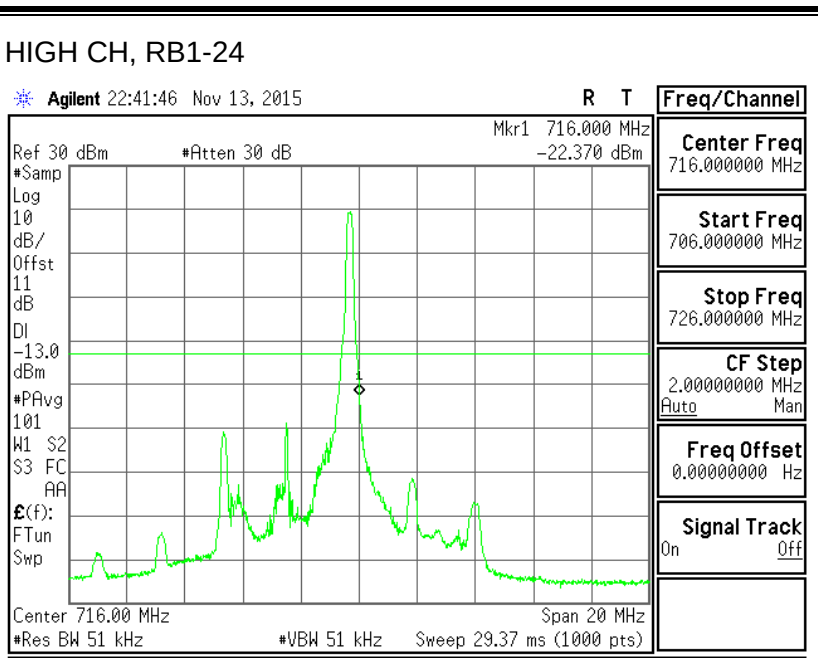
HIGH CH, RB1-0



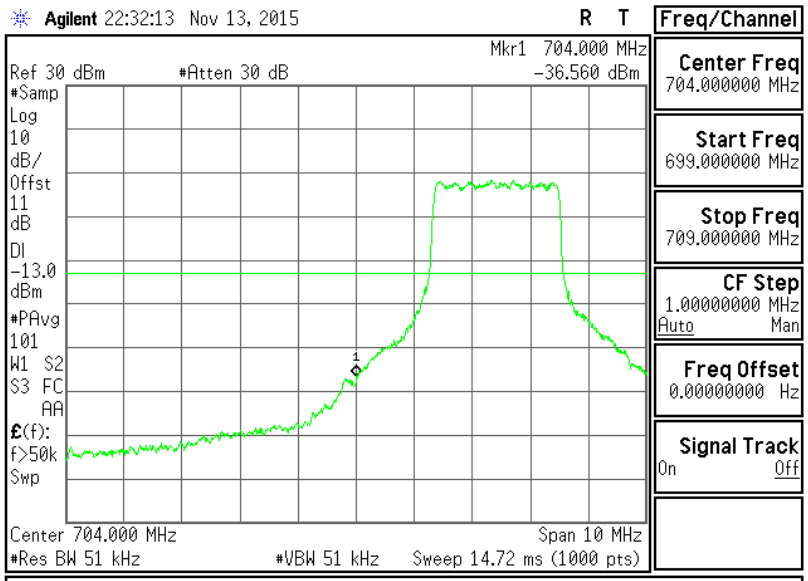
LOW CH, RB1-24



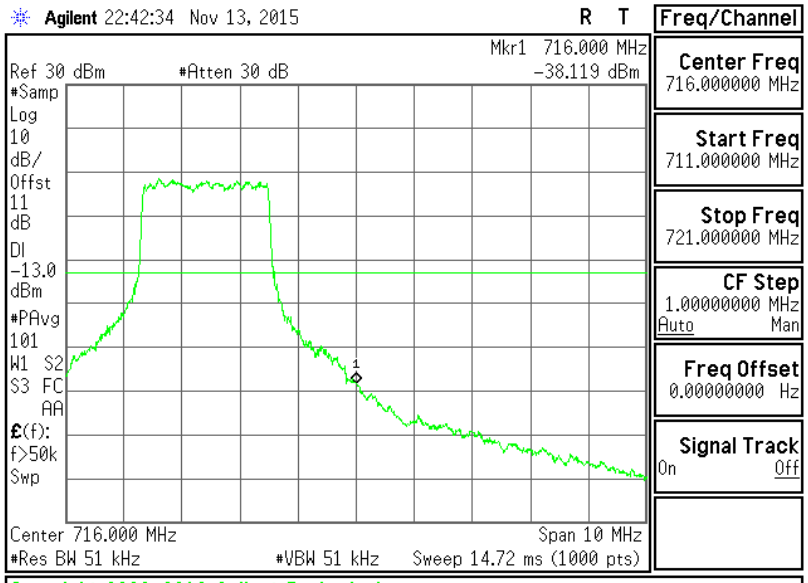
HIGH CH, RB1-24



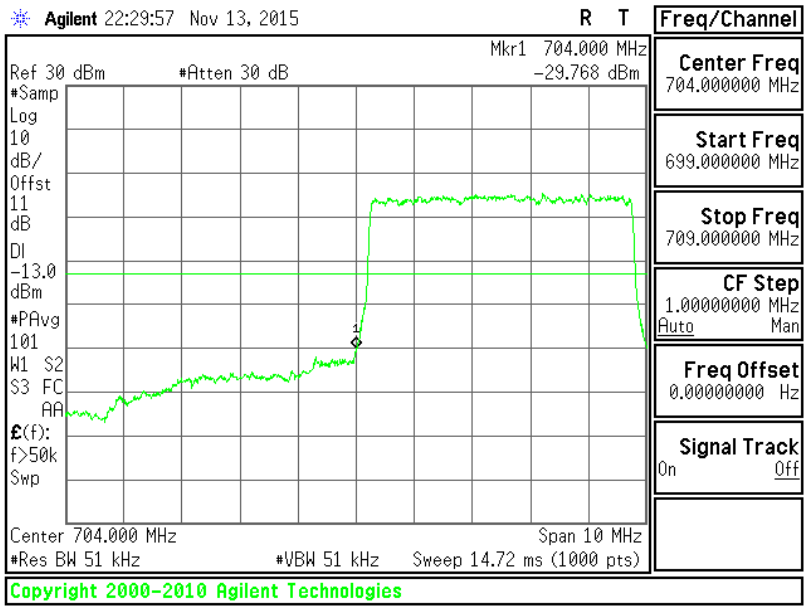
LOW CH, RB12-6



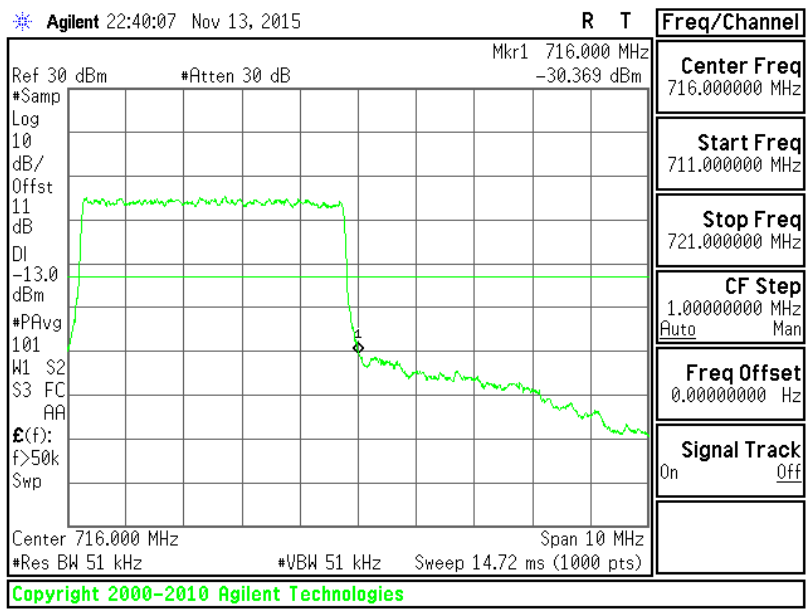
HIGH CH, RB12-6



LOW CH, RB25-0

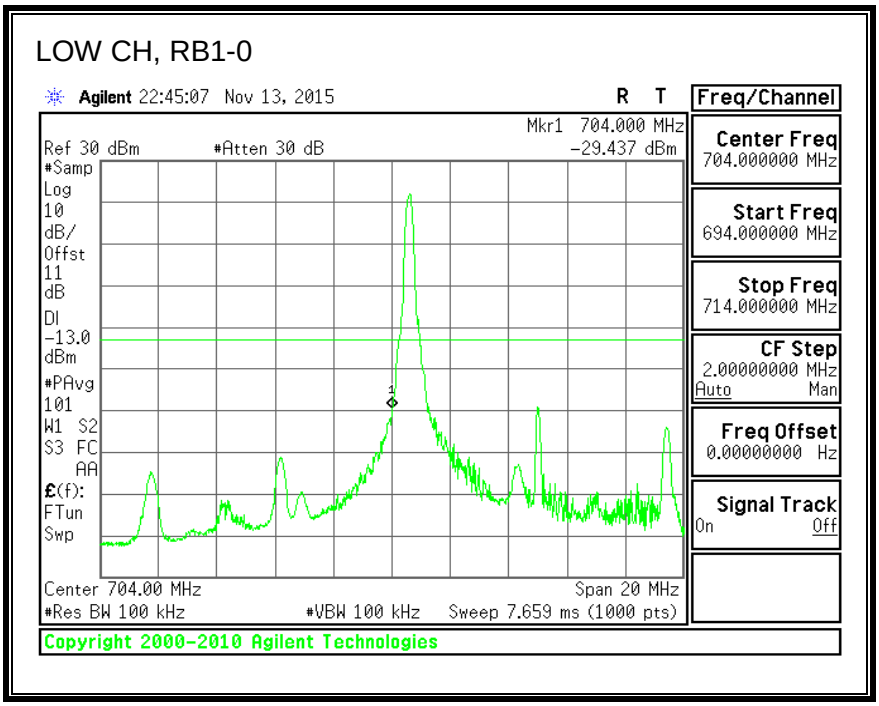


HIGH CH, RB25-0

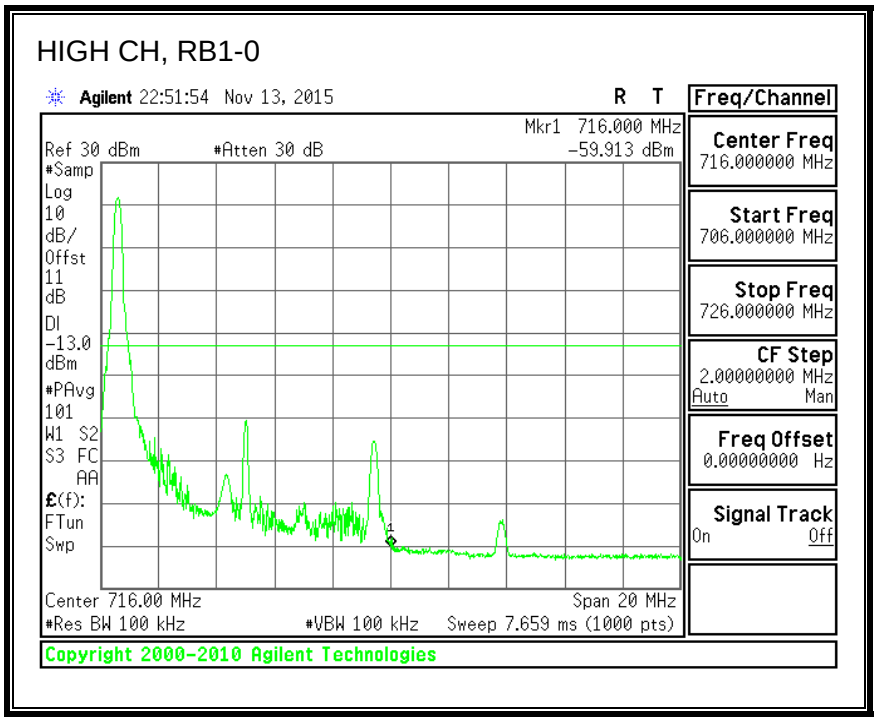


QPSK, (10.0 MHz BAND WIDTH)

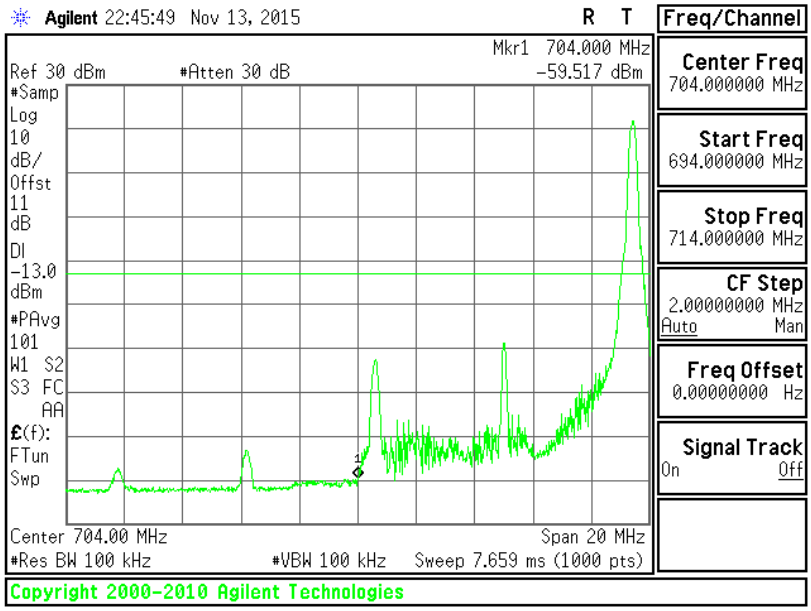
LOW CH, RB1-0



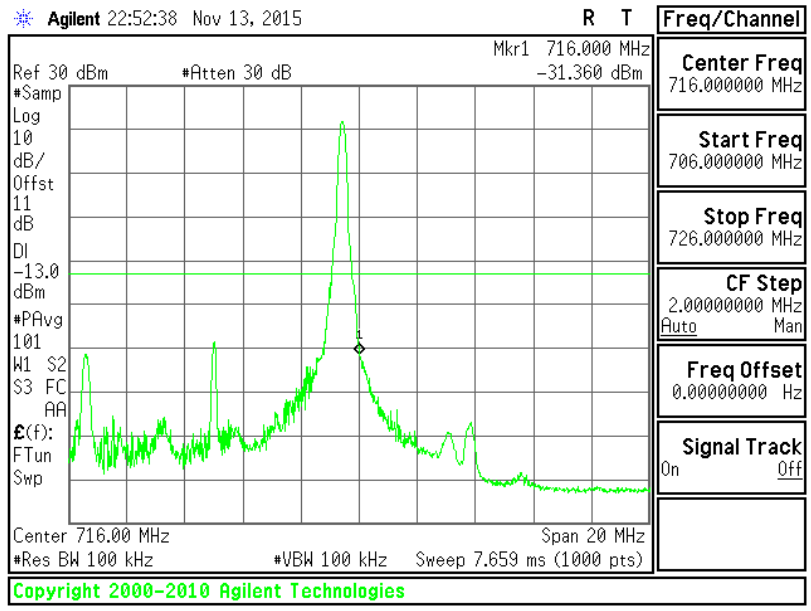
HIGH CH, RB1-0



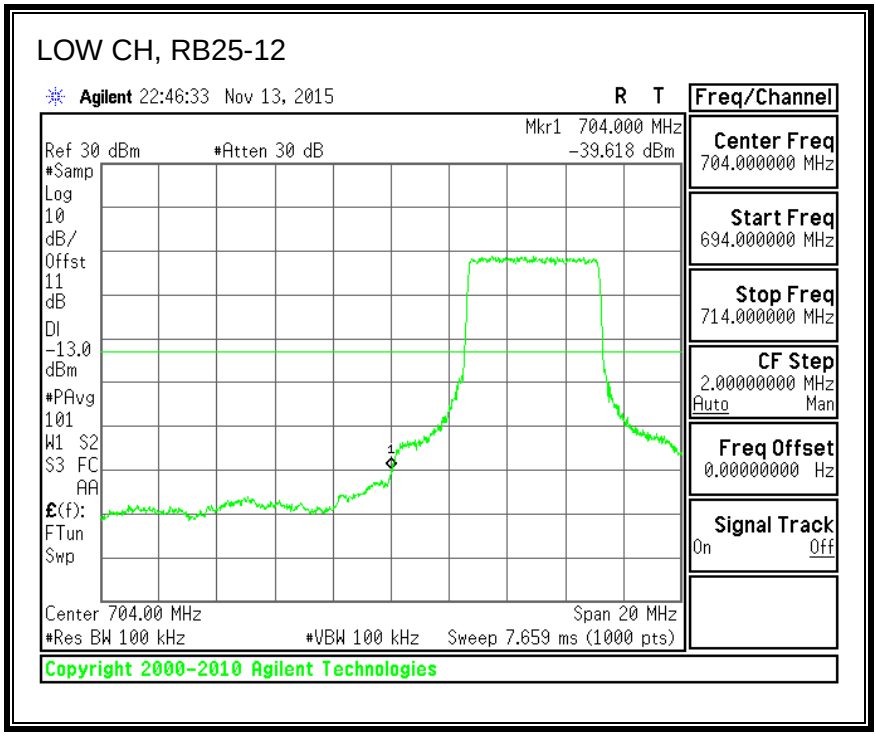
LOW CH, RB1-49



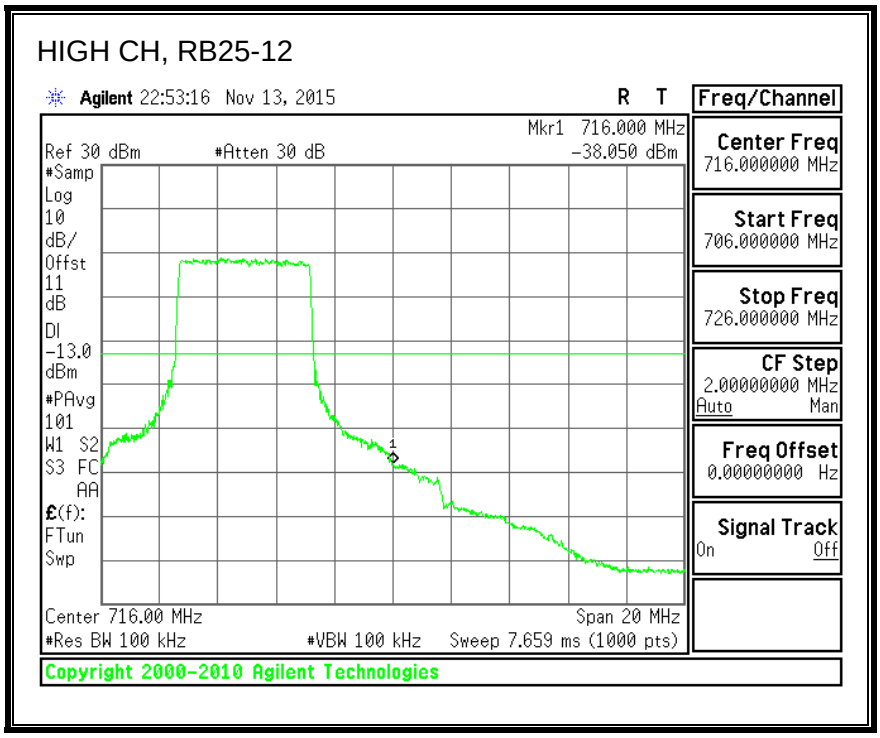
HIGH CH, RB1-49



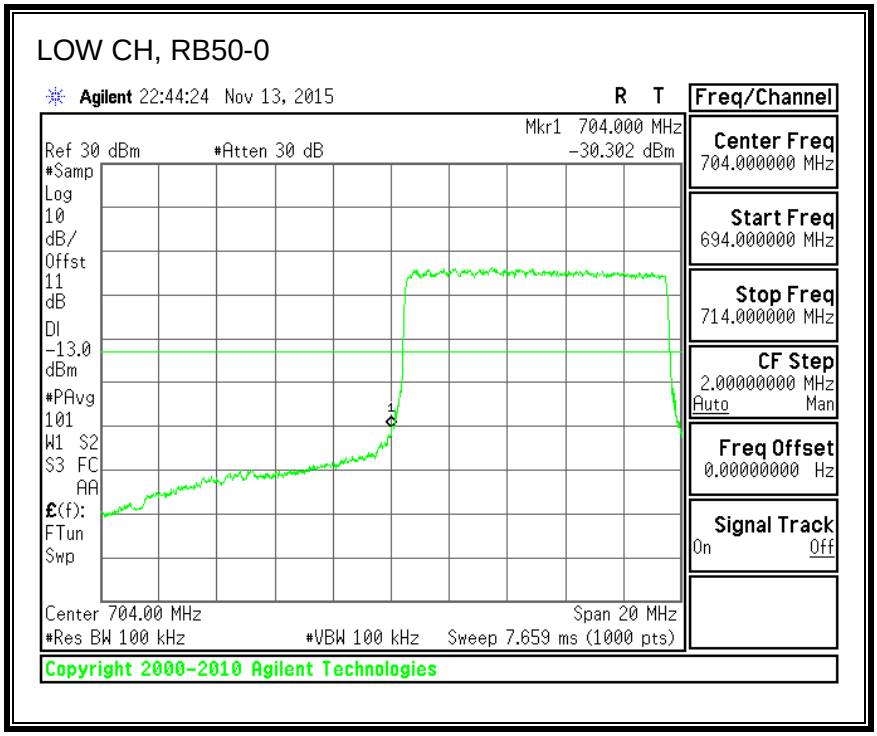
LOW CH, RB25-12



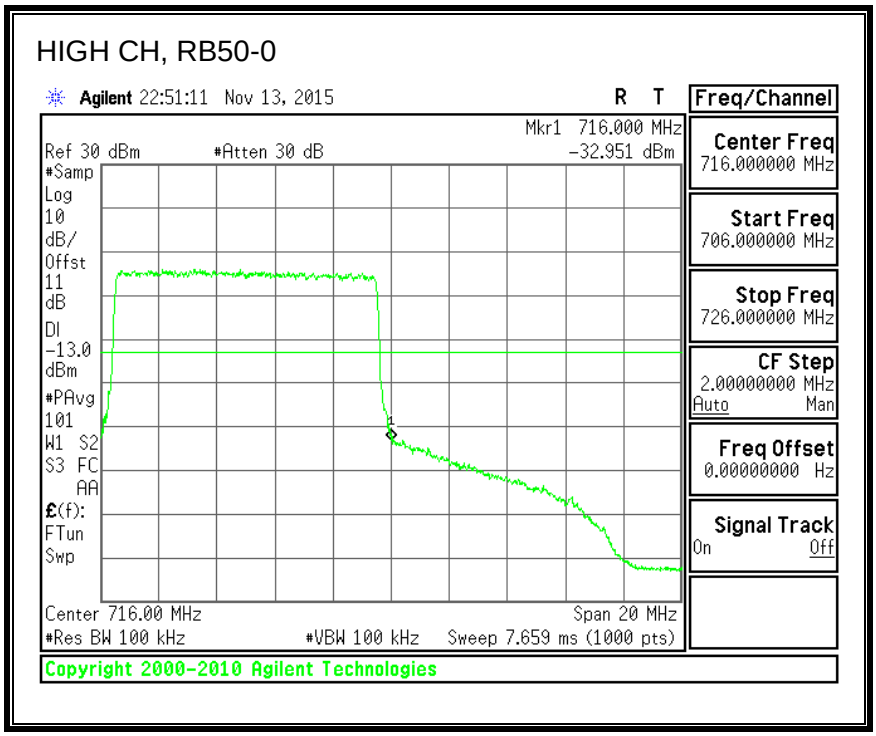
HIGH CH, RB25-12



LOW CH, RB50-0

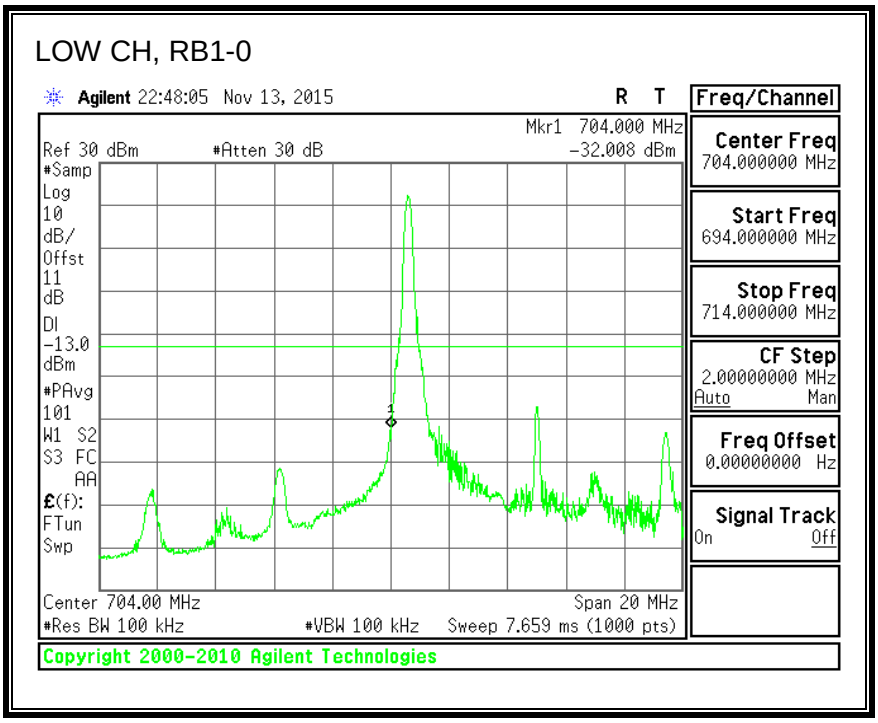


HIGH CH, RB50-0

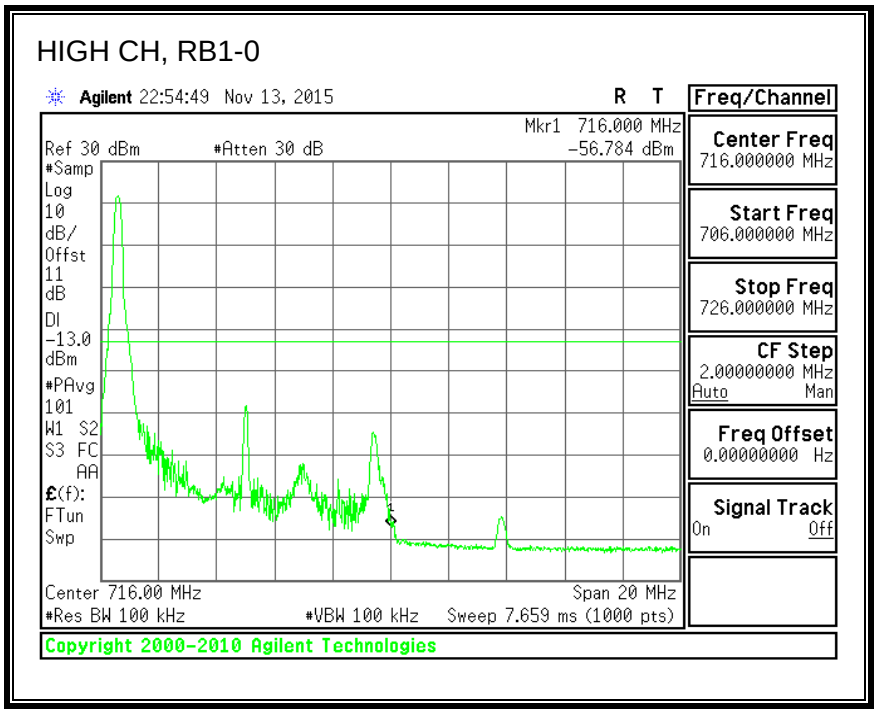


16QAM, (10.0 MHz BAND WIDTH)

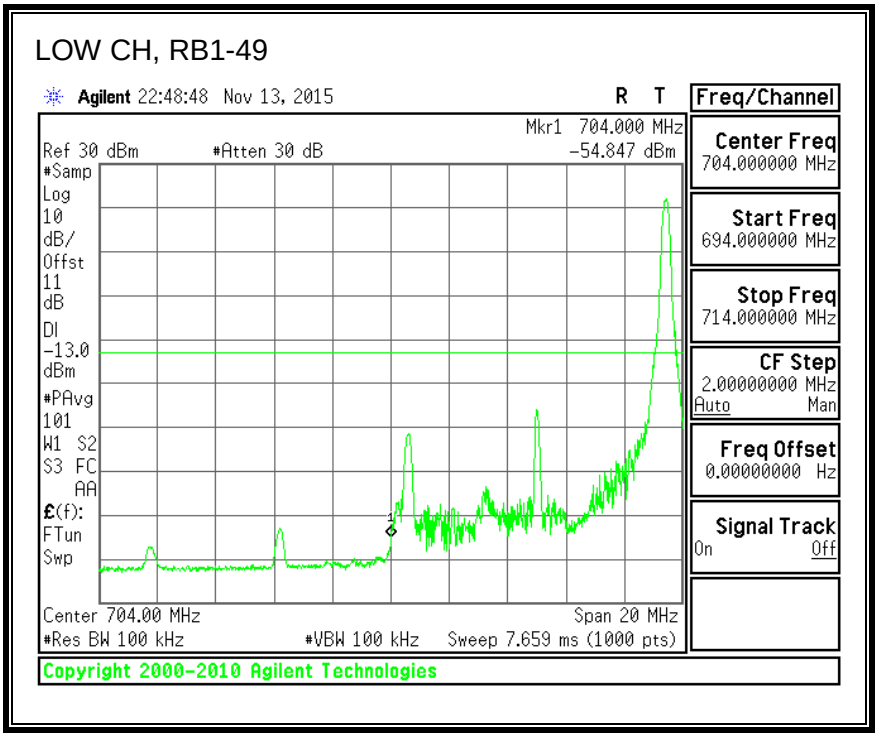
LOW CH, RB1-0



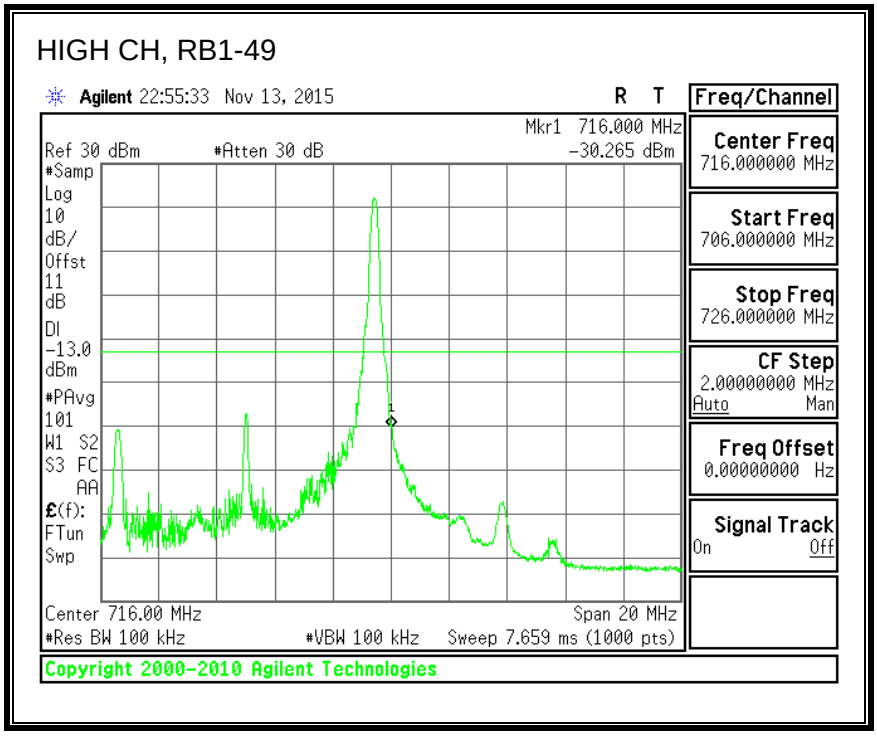
HIGH CH, RB1-0



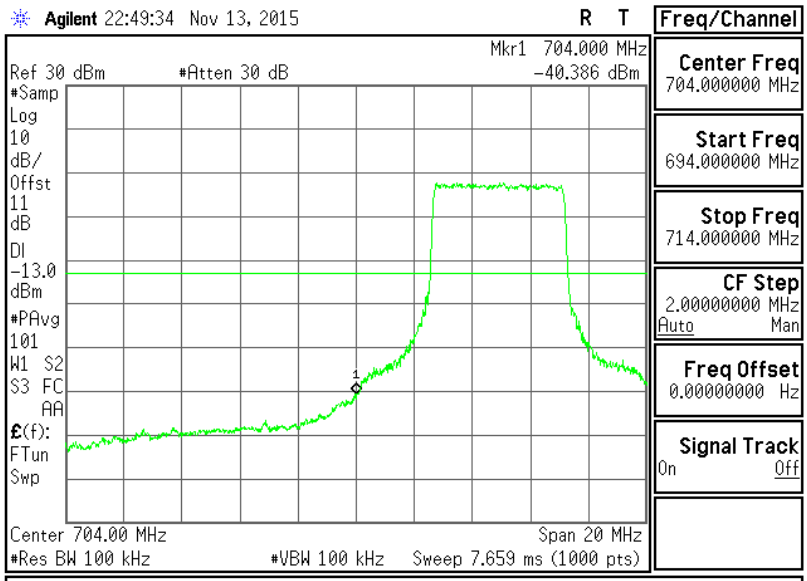
LOW CH, RB1-49



HIGH CH, RB1-49



LOW CH, RB25-12



HIGH CH, RB25-12