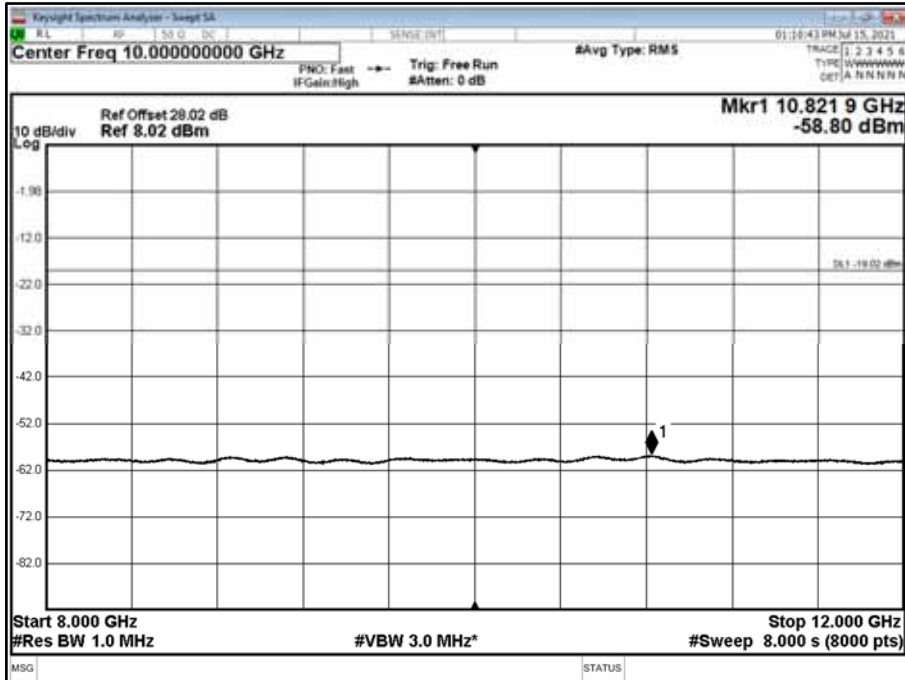
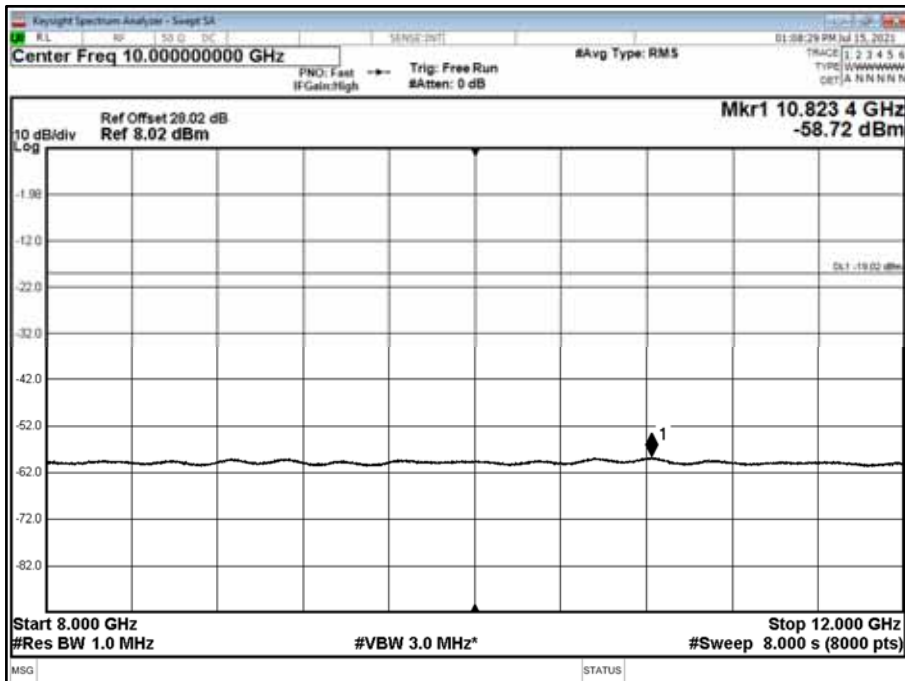




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 20.0 MHz 15 kHz SCS - Channel Position M - Band 3 - Range 8000 to 12000 MHz

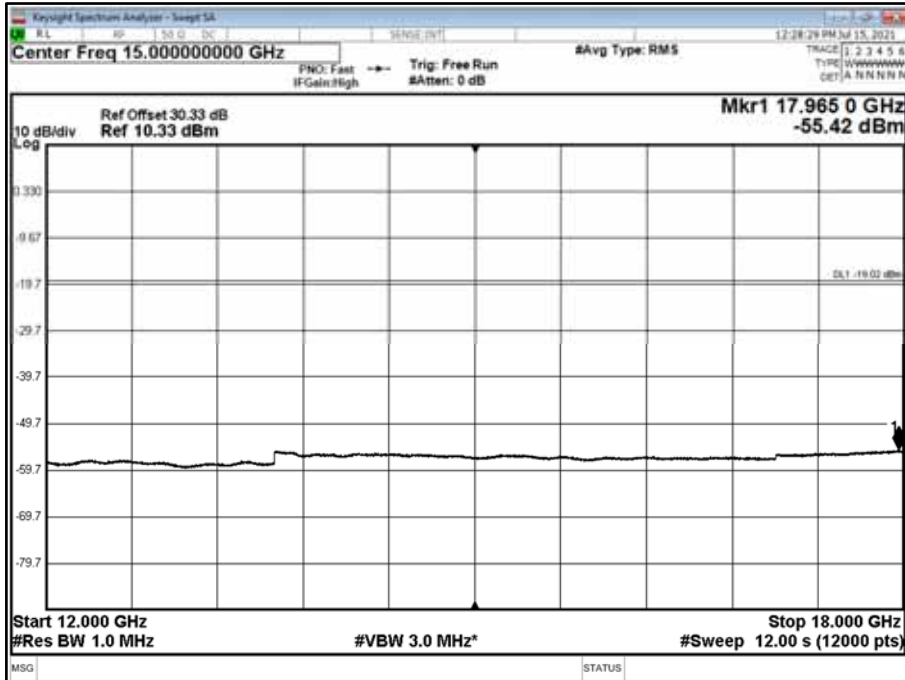


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 20.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz

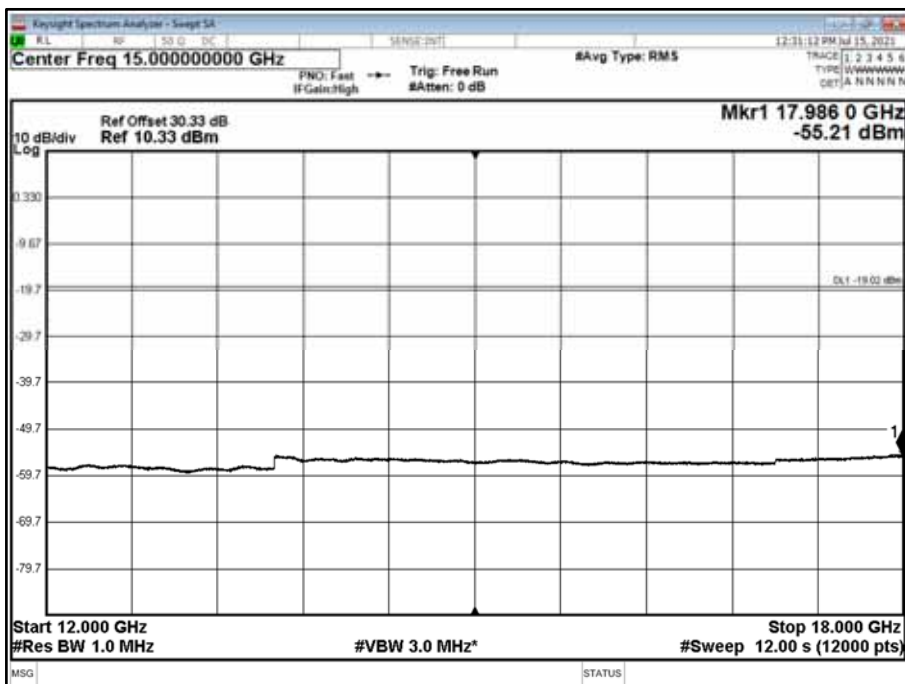




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz

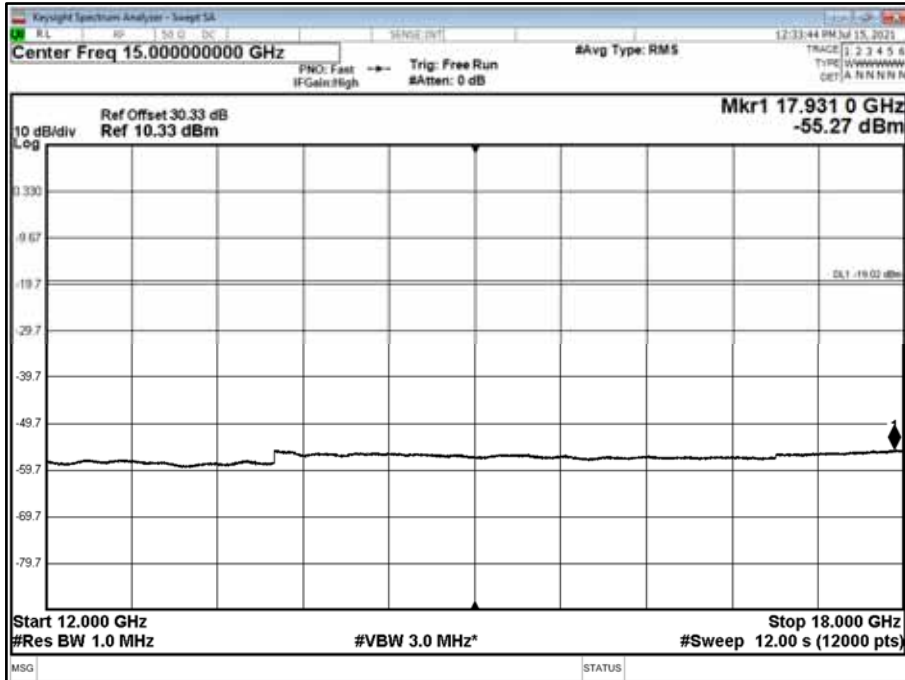


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position M - Band 4 - Range 12000 to 18000 MHz

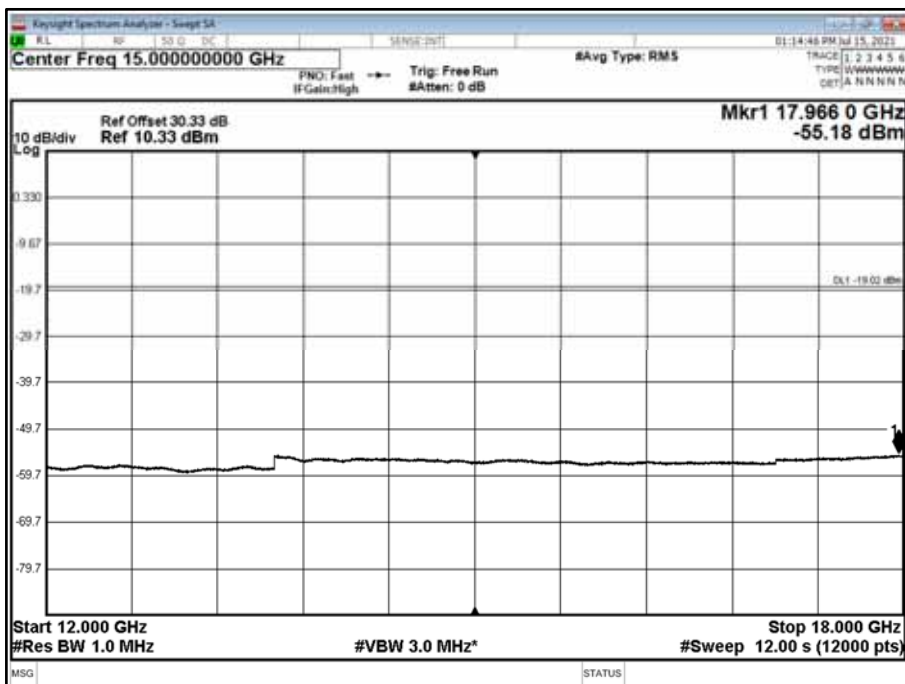




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position T - Band 4 - Range 12000 to 18000 MHz



Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 20.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz

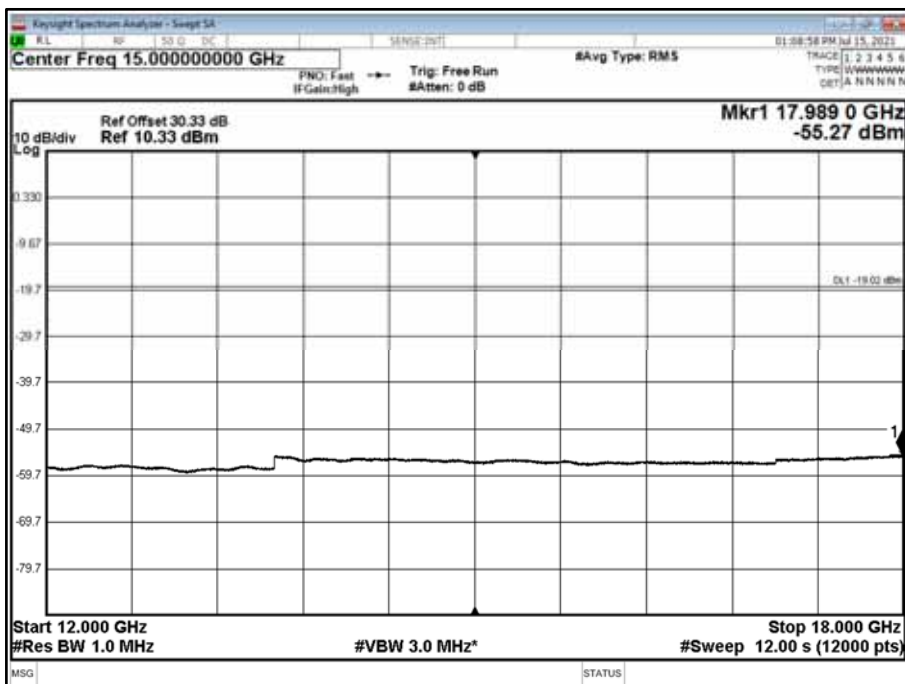




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 20.0 MHz 15 kHz SCS - Channel Position M - Band 4 - Range 12000 to 18000 MHz

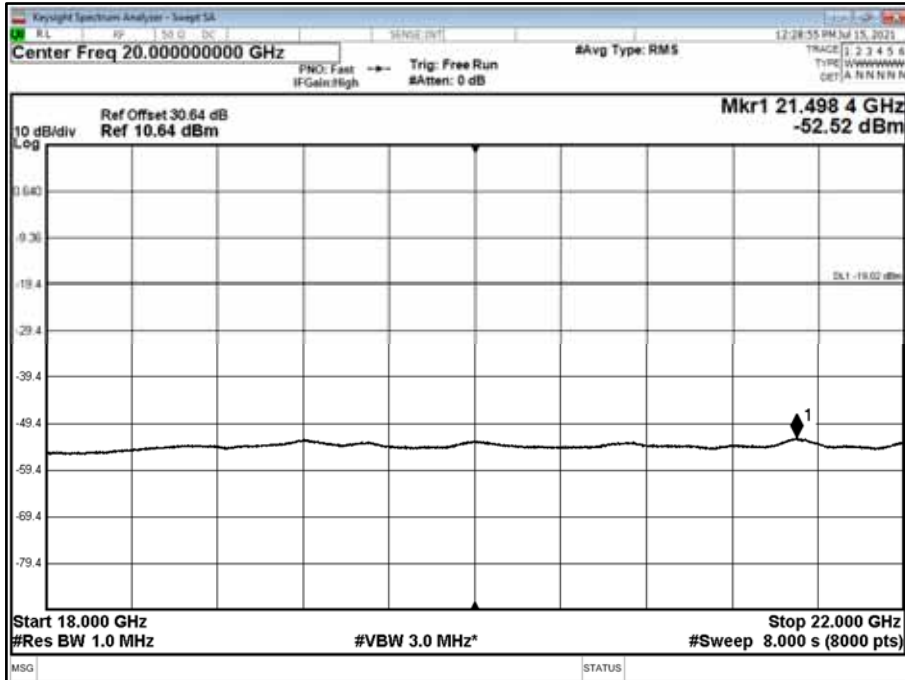


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 20.0 MHz 15 kHz SCS - Channel Position T - Band 4 - Range 12000 to 18000 MHz

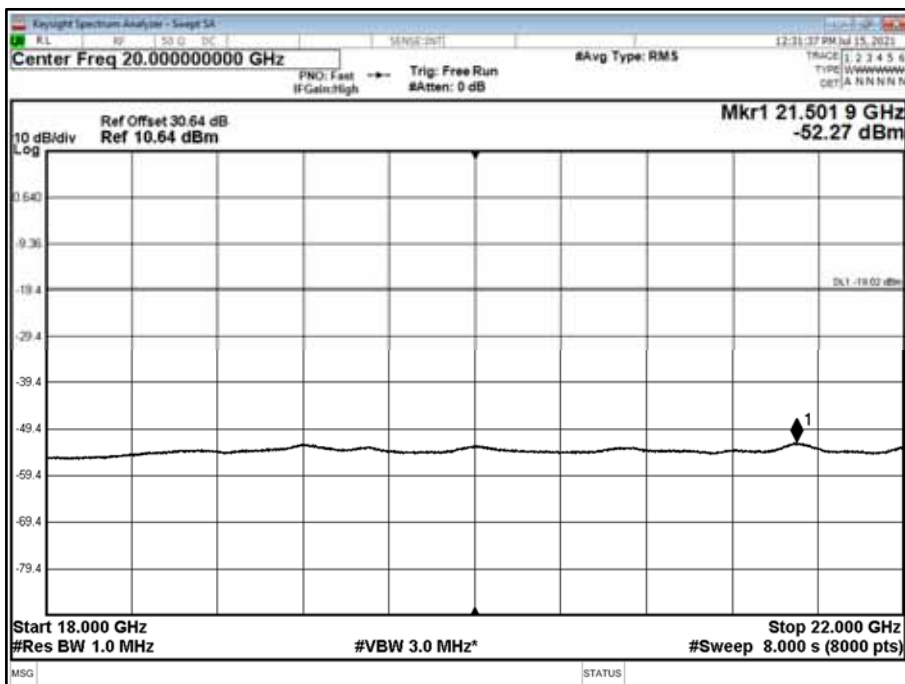




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz

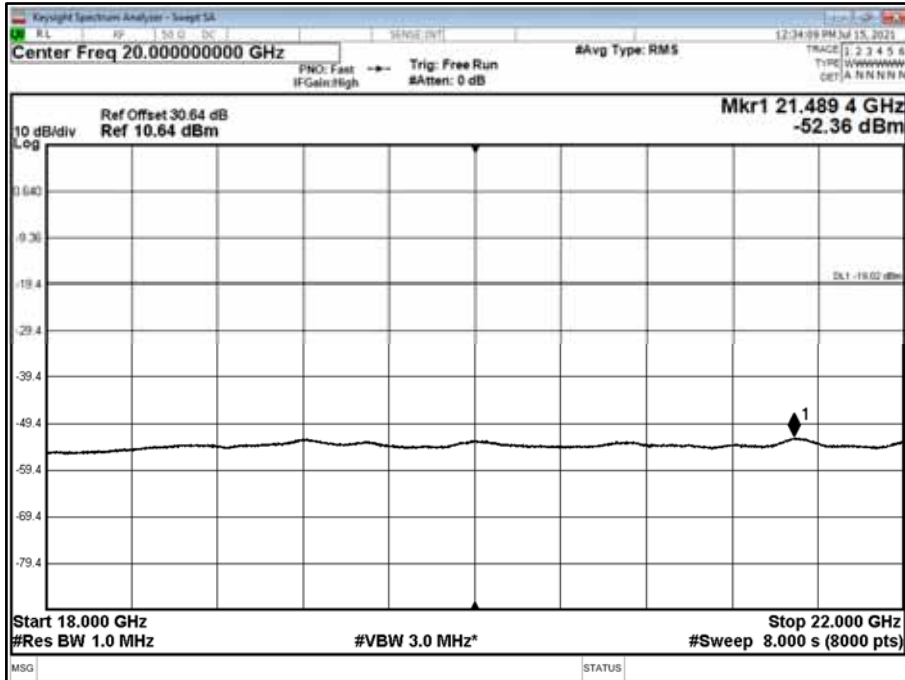


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position M - Band 5 - Range 18000 to 22000 MHz

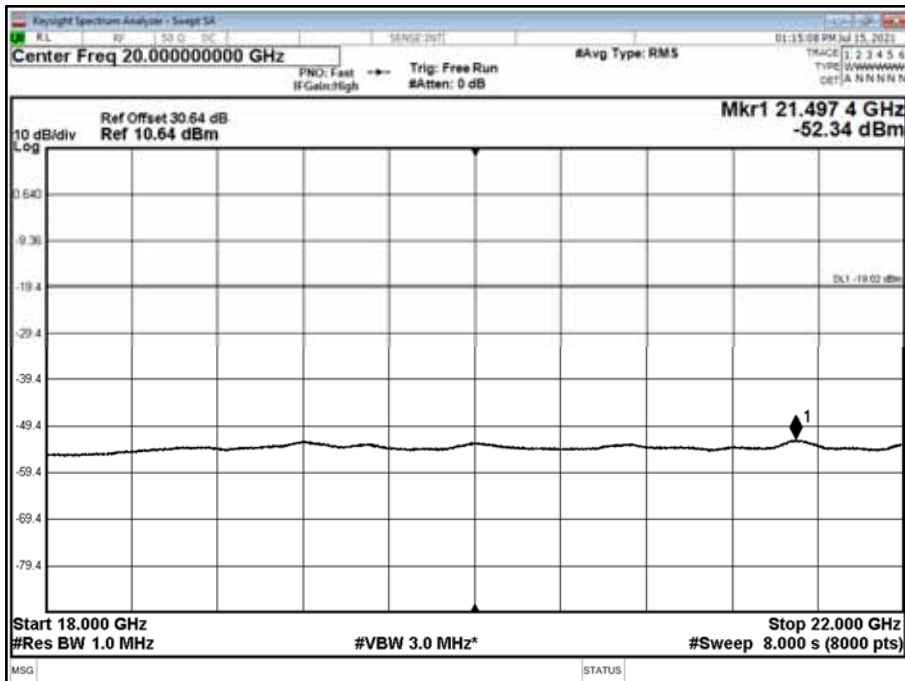




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

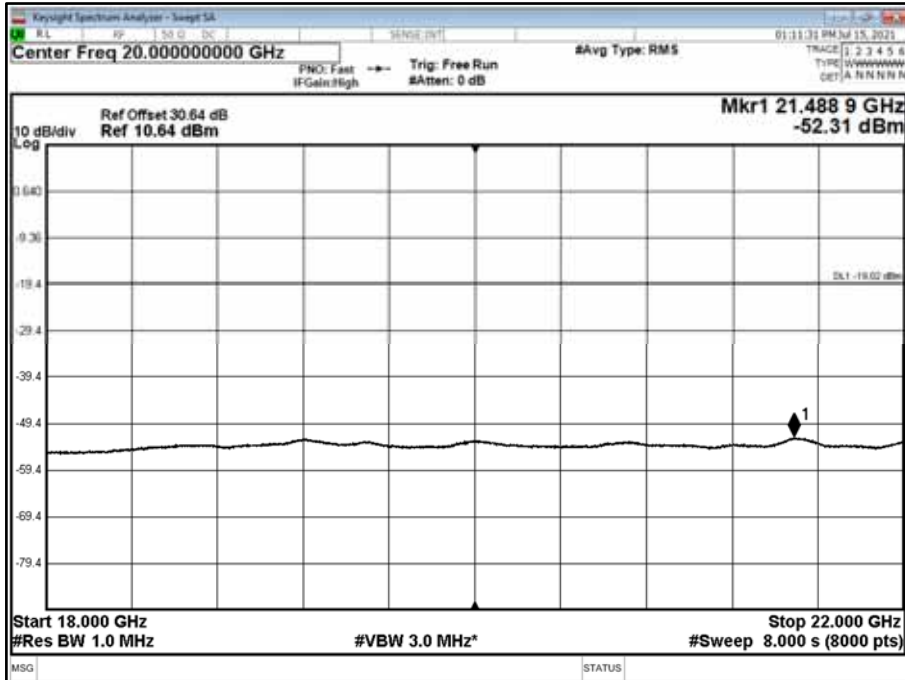


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 20.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz

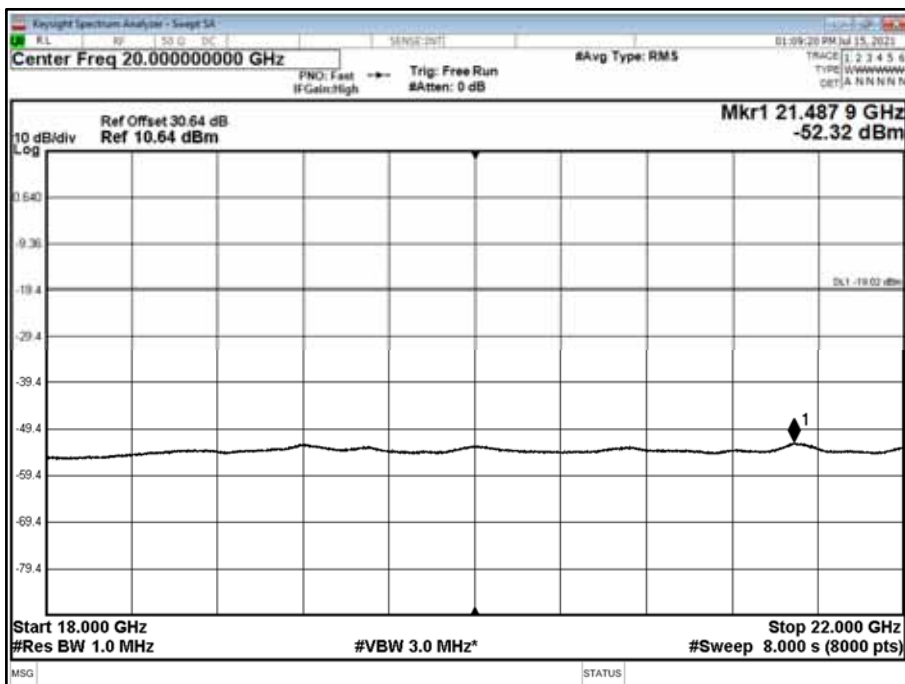




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 20.0 MHz 15 kHz SCS - Channel Position M - Band 5 - Range 18000 to 22000 MHz

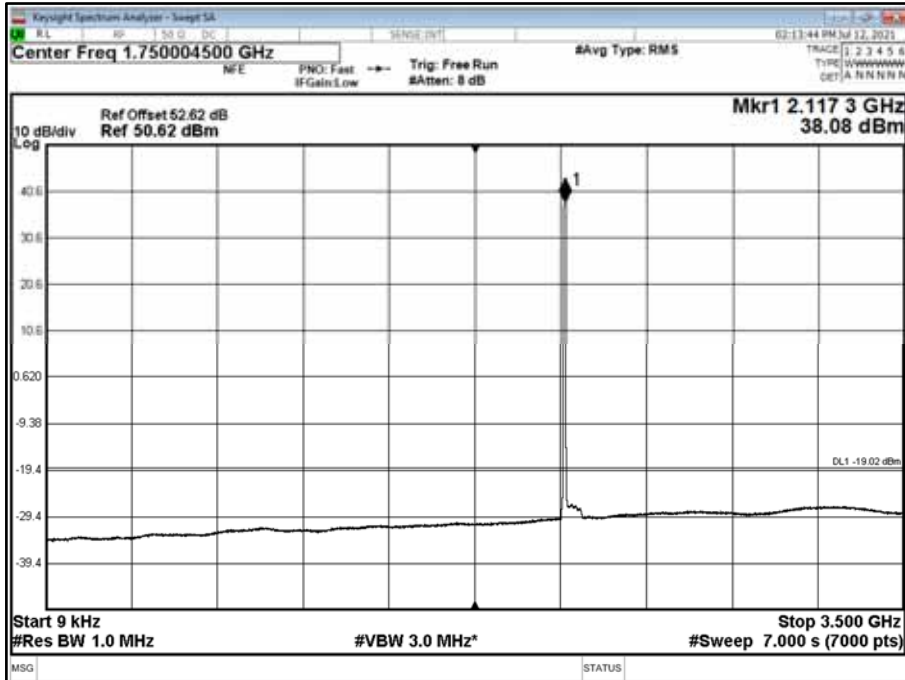


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 20.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

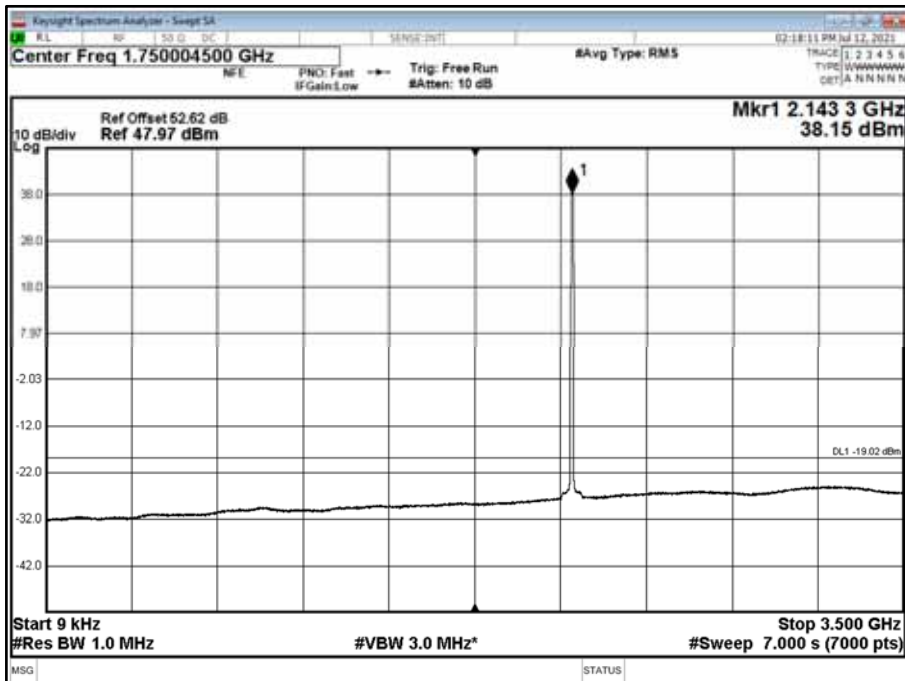




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 3500 MHz



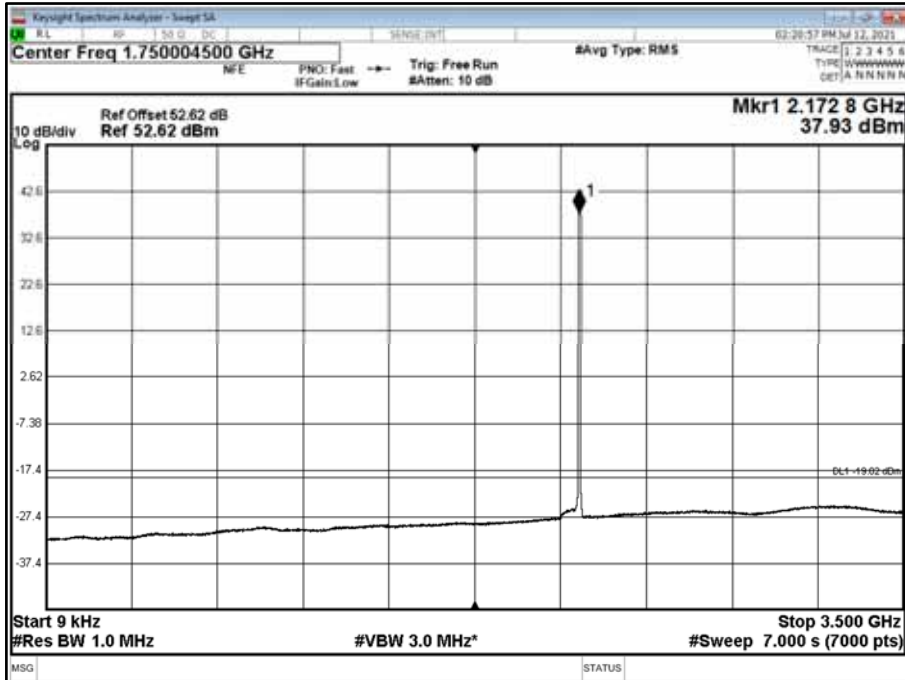
Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 3500 MHz



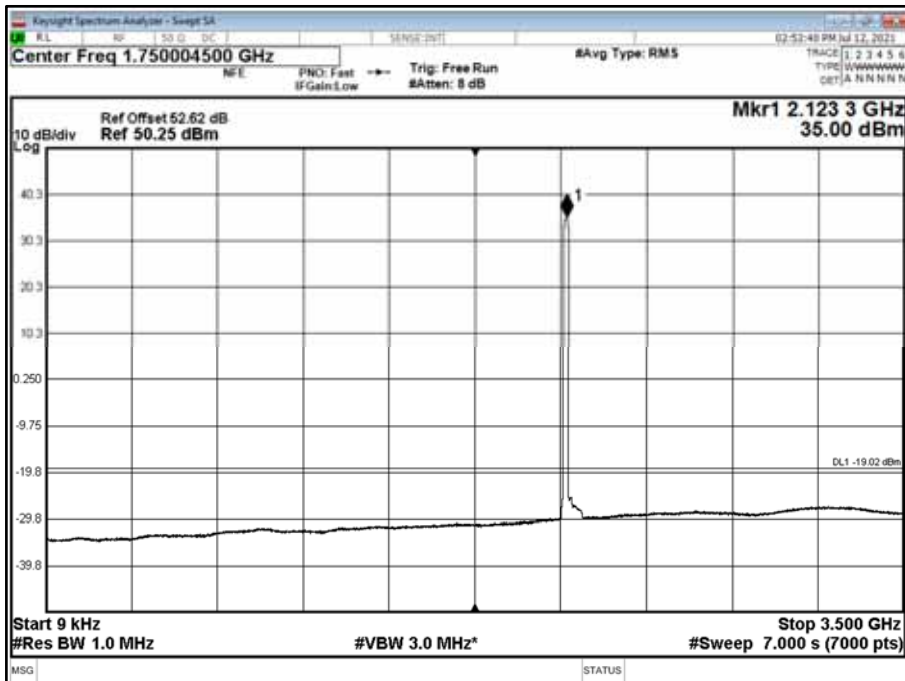




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 3500 MHz

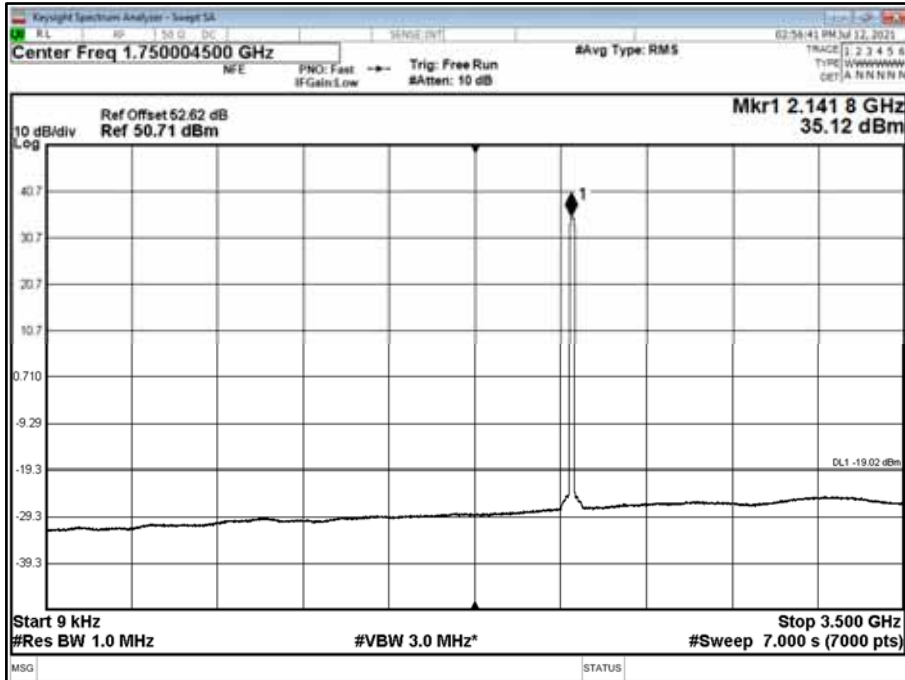


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 3500 MHz

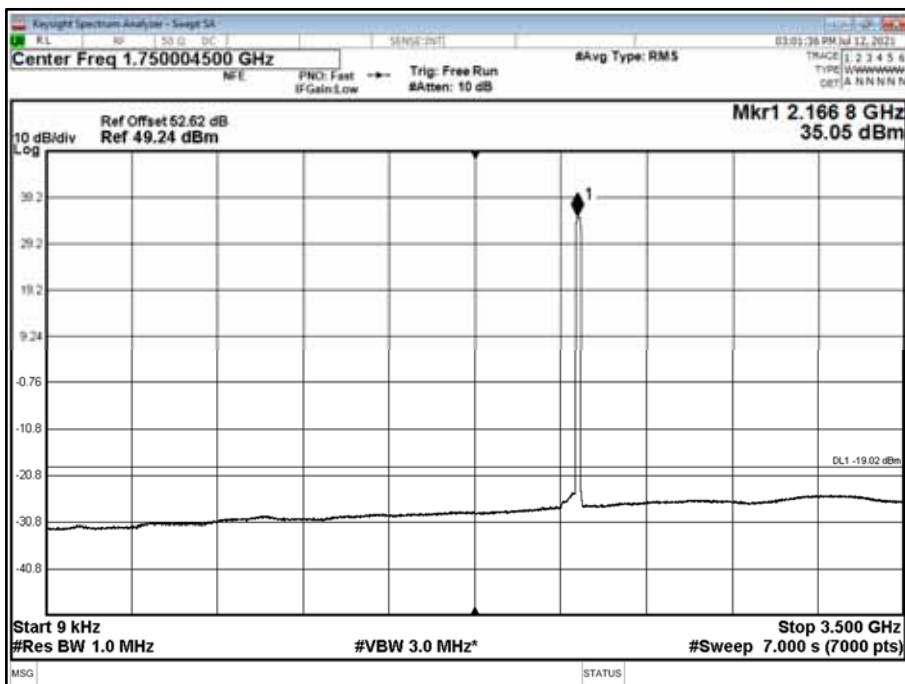




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 3500 MHz

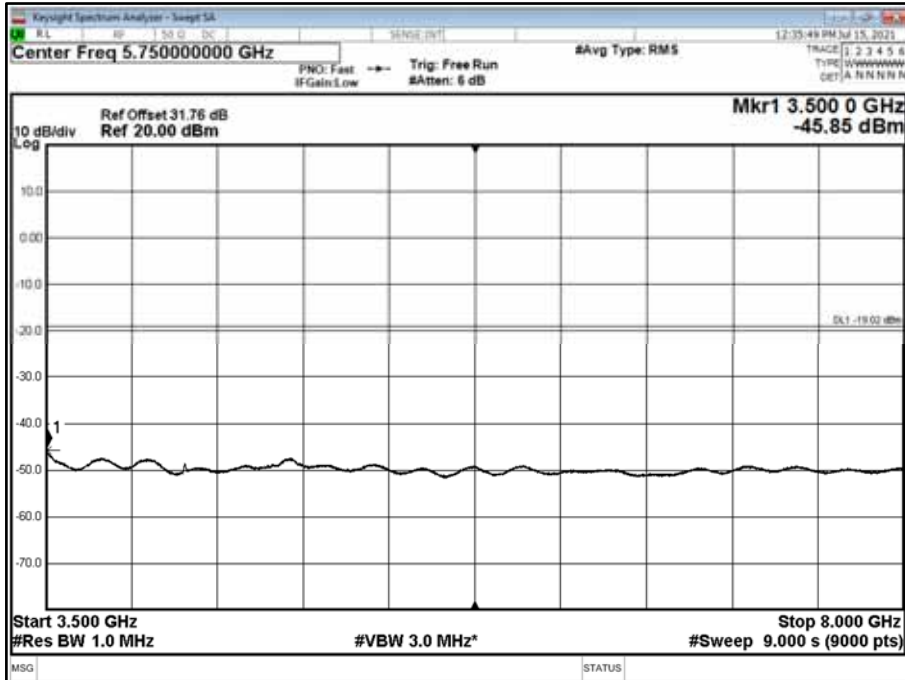


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 3500 MHz

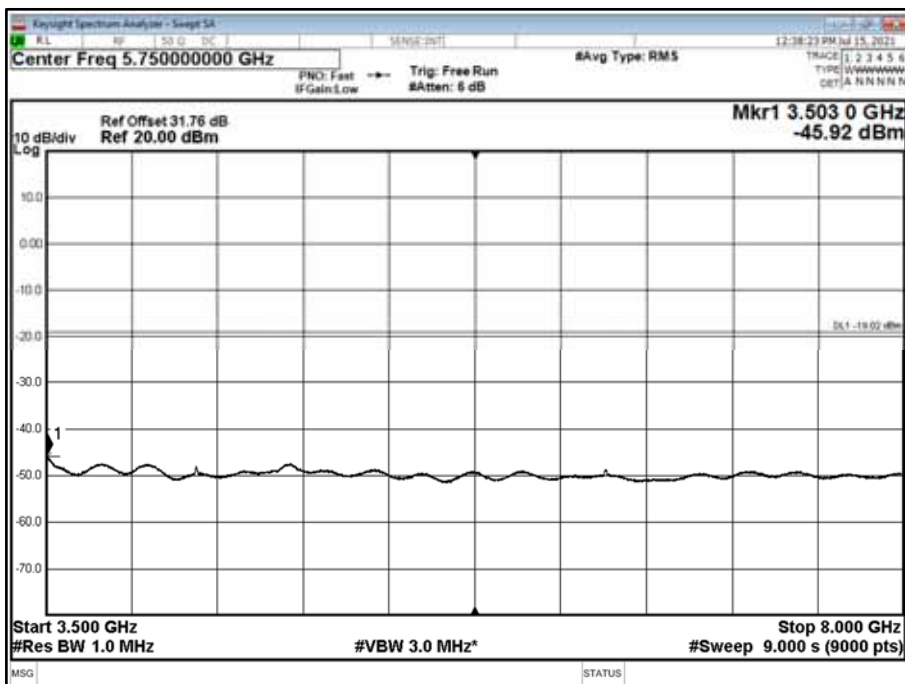




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position B - Band 2 - Range 3500 to 8000 MHz

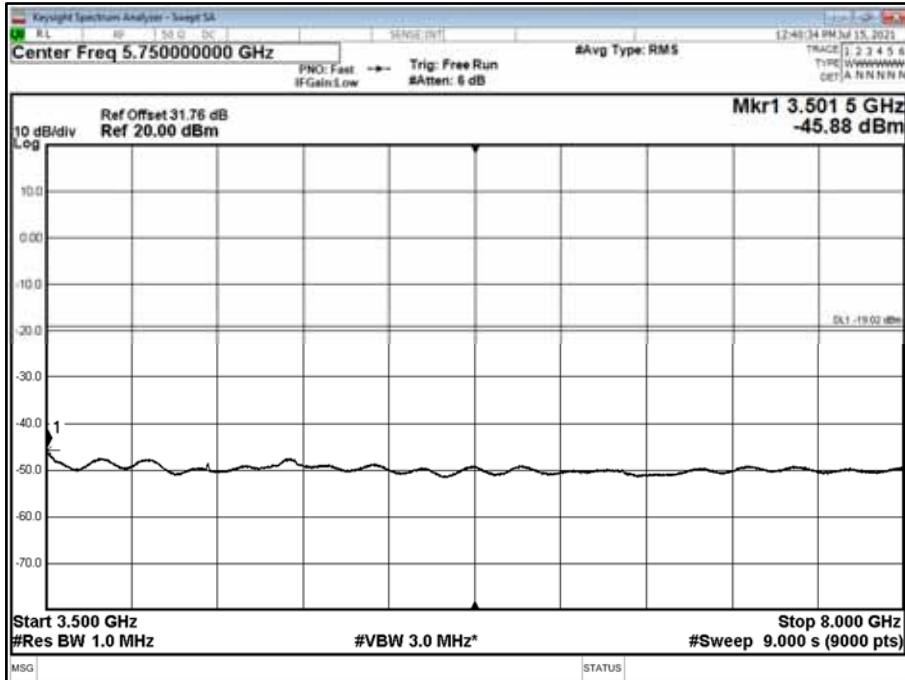


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position M - Band 2 - Range 3500 to 8000 MHz

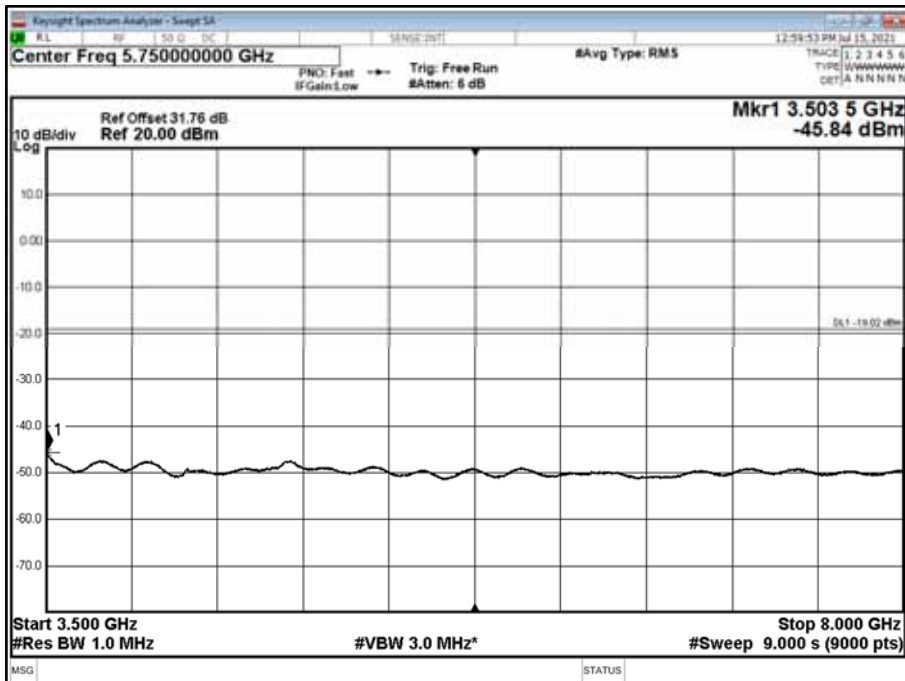




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position T - Band 2 - Range 3500 to 8000 MHz

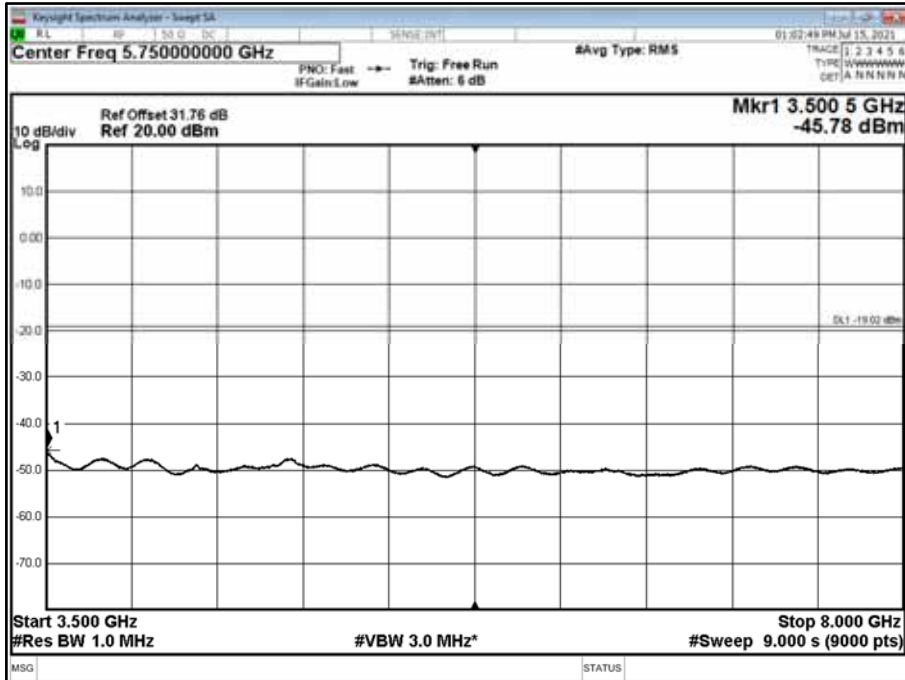


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position B - Band 2 - Range 3500 to 8000 MHz

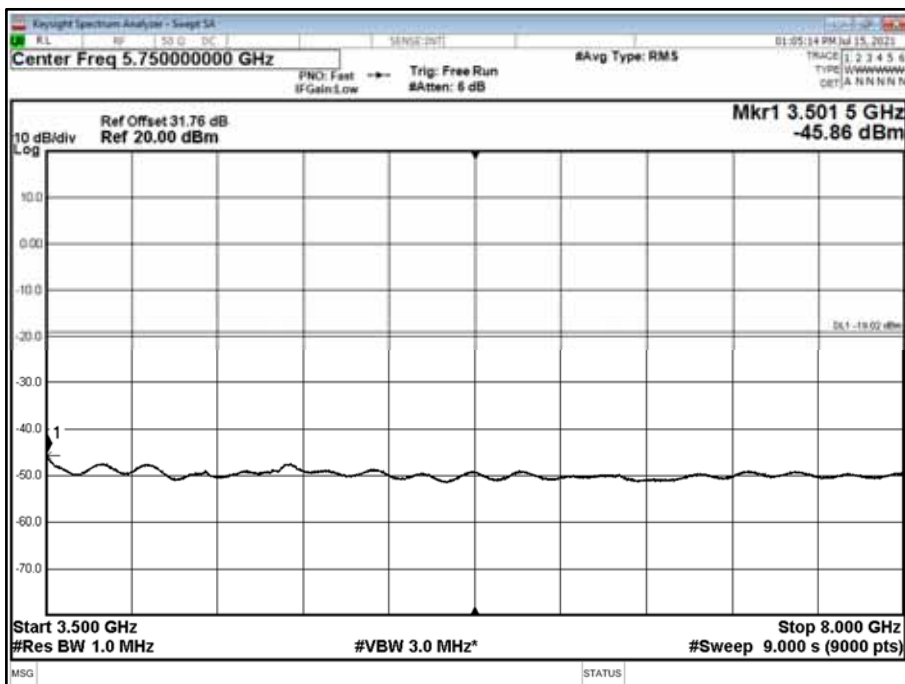




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position M - Band 2 - Range 3500 to 8000 MHz

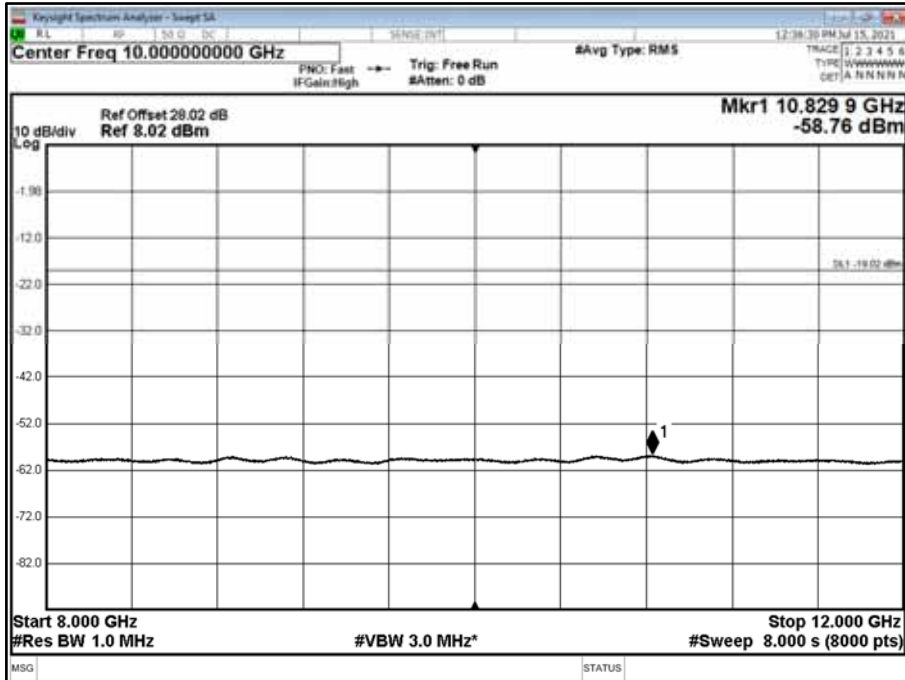


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position T - Band 2 - Range 3500 to 8000 MHz

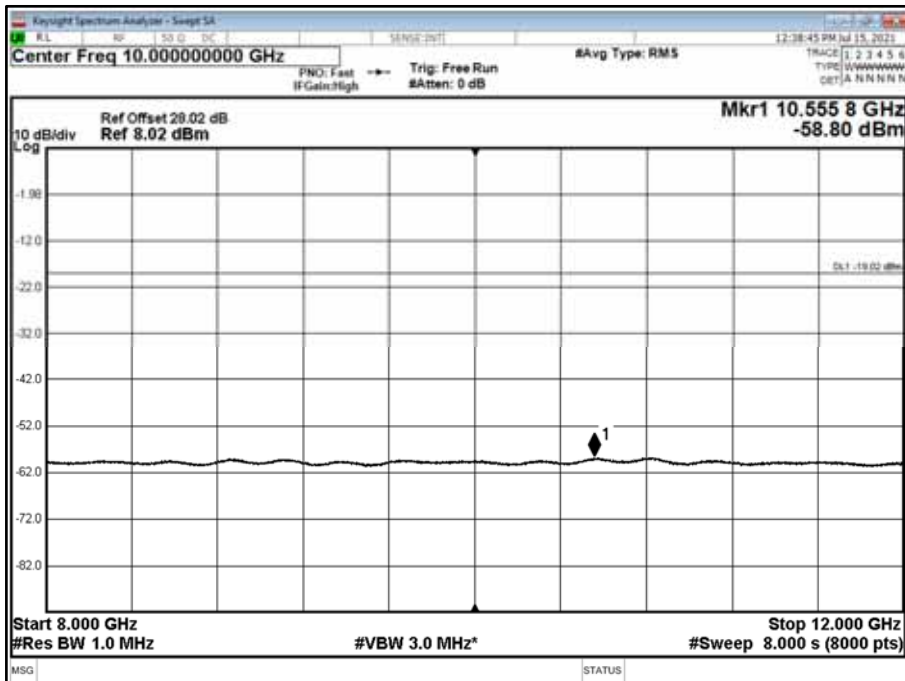




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position B - Band 3 - Range 8000 to 12000 MHz

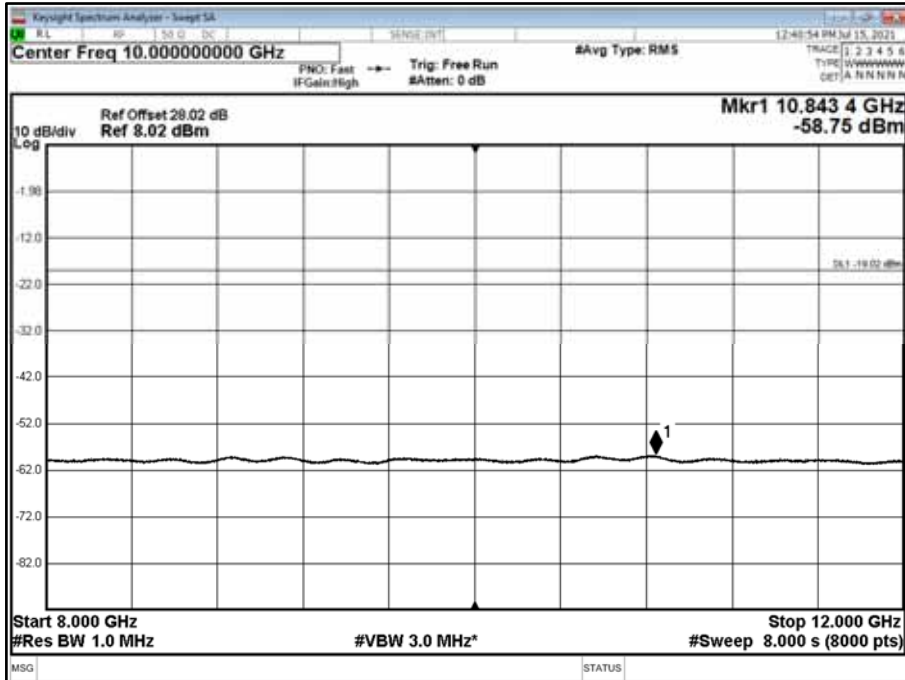


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position M - Band 3 - Range 8000 to 12000 MHz

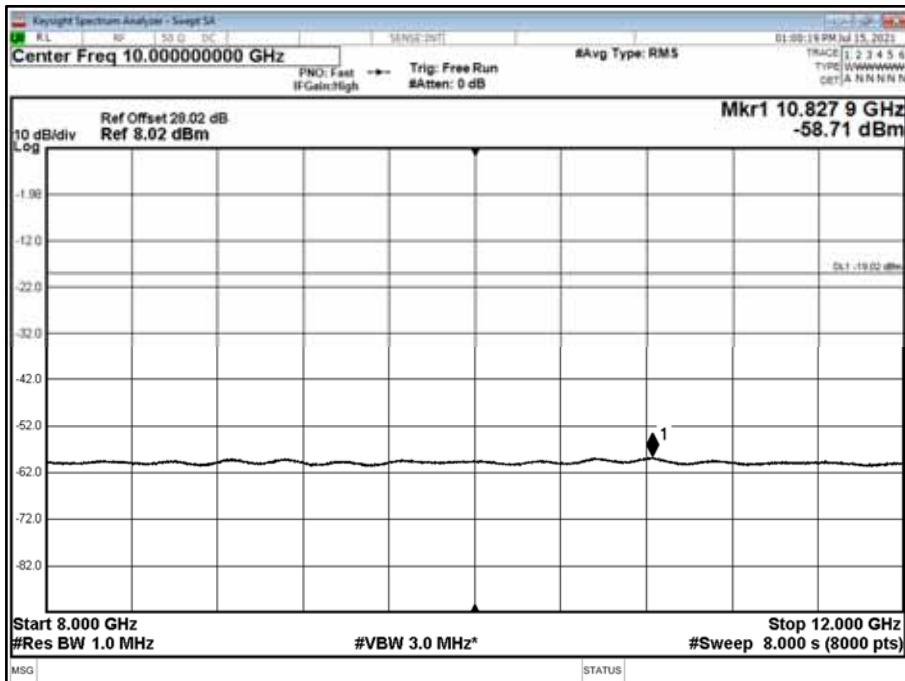




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz

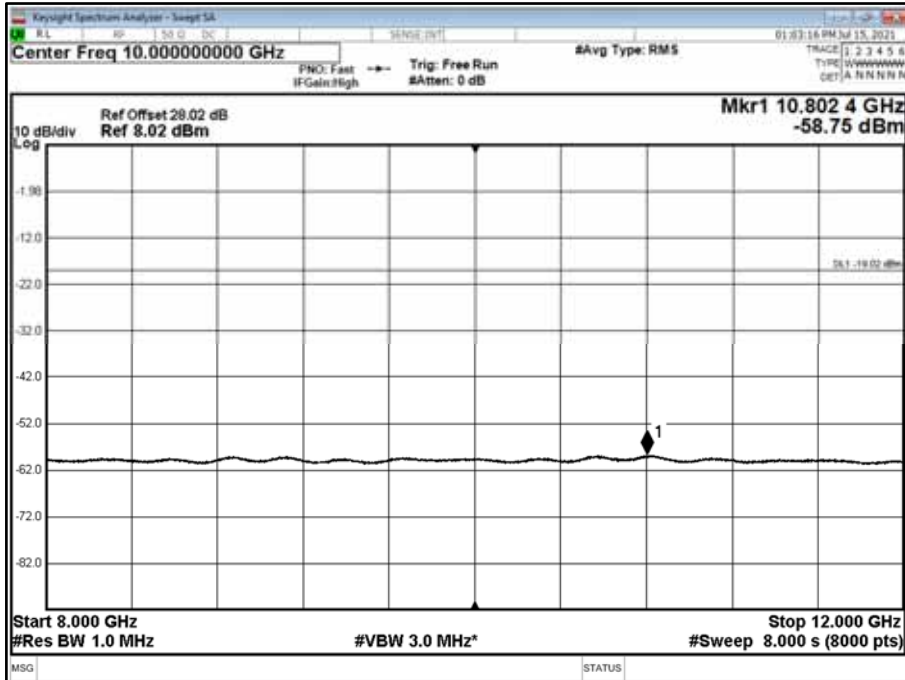


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position B - Band 3 - Range 8000 to 12000 MHz

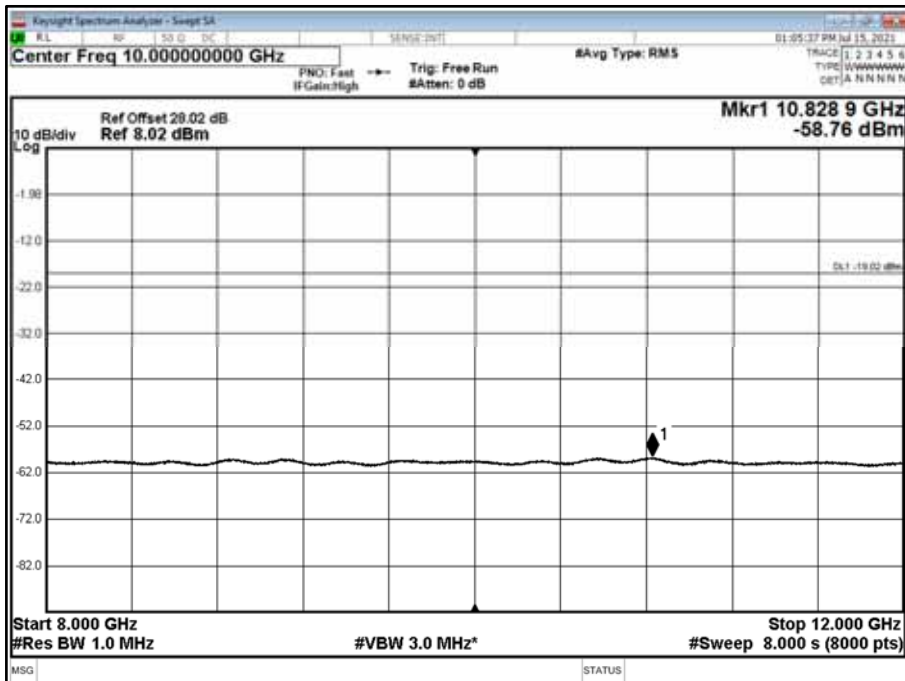




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position M - Band 3 - Range 8000 to 12000 MHz



Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz



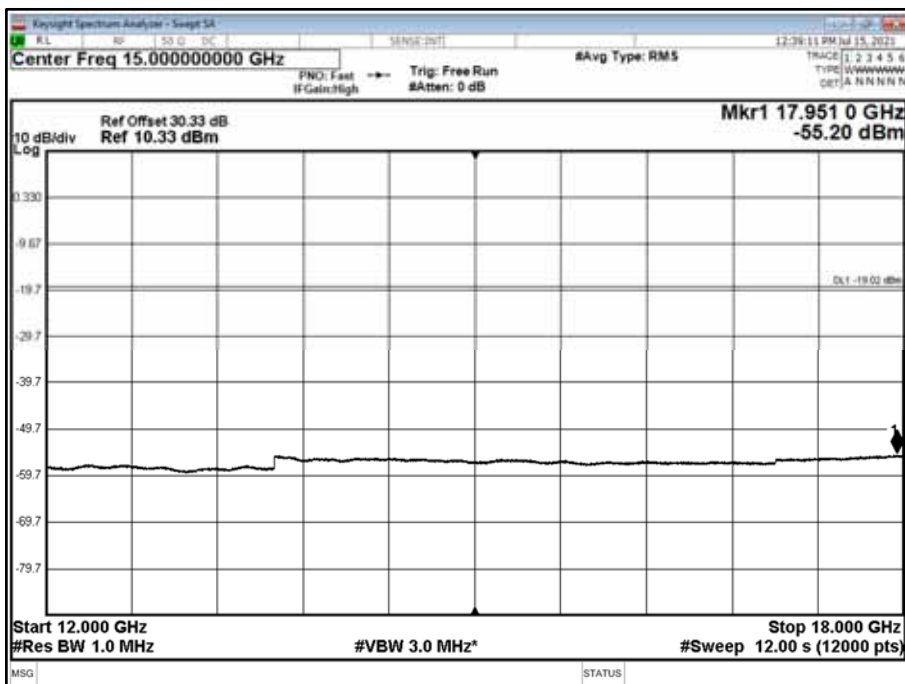




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz

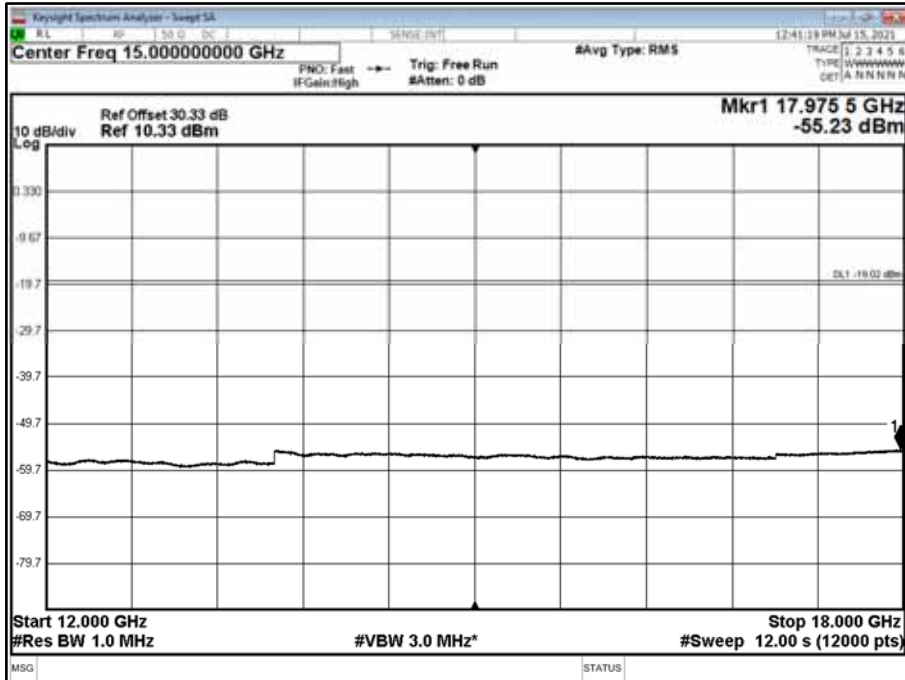


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position M - Band 4 - Range 12000 to 18000 MHz

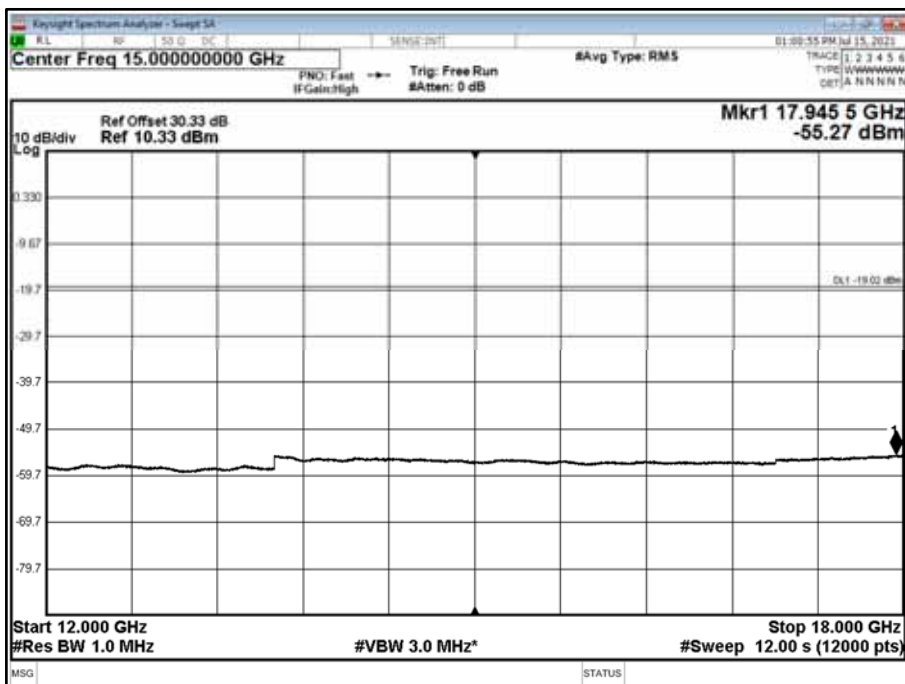




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position T - Band 4 - Range 12000 to 18000 MHz

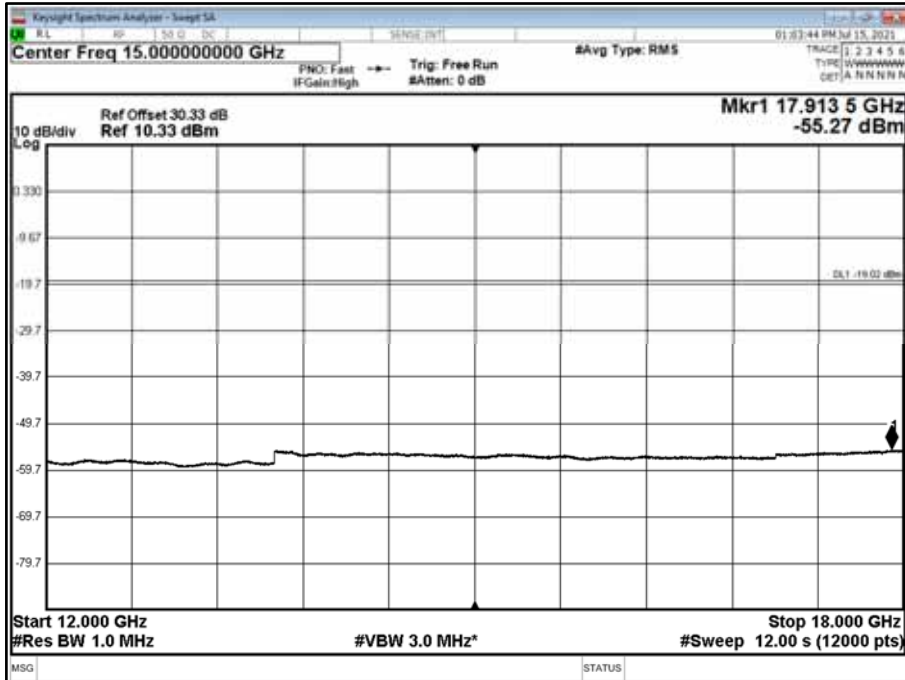


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz

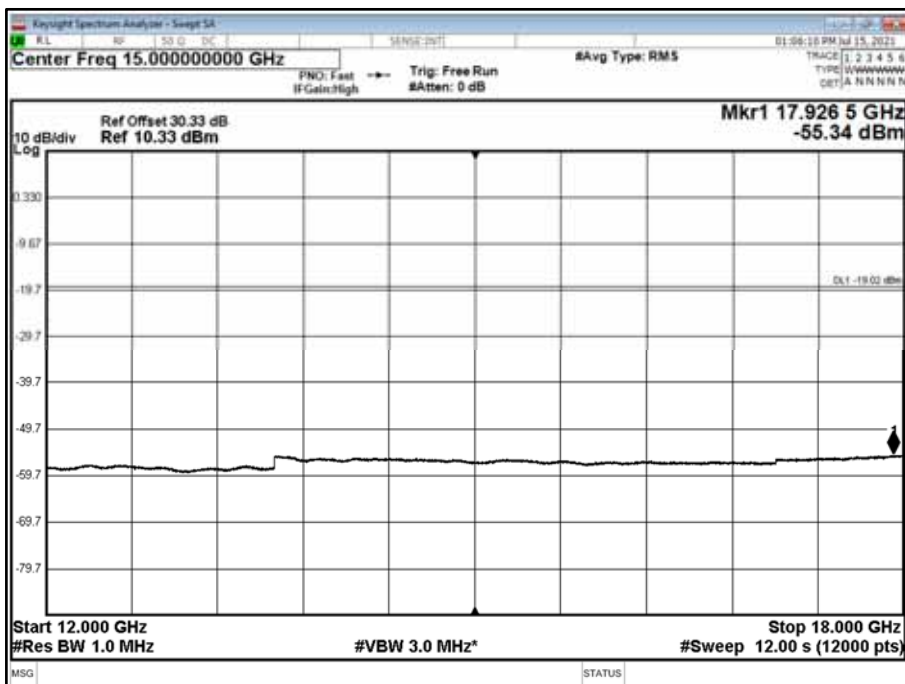




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position M - Band 4 - Range 12000 to 18000 MHz

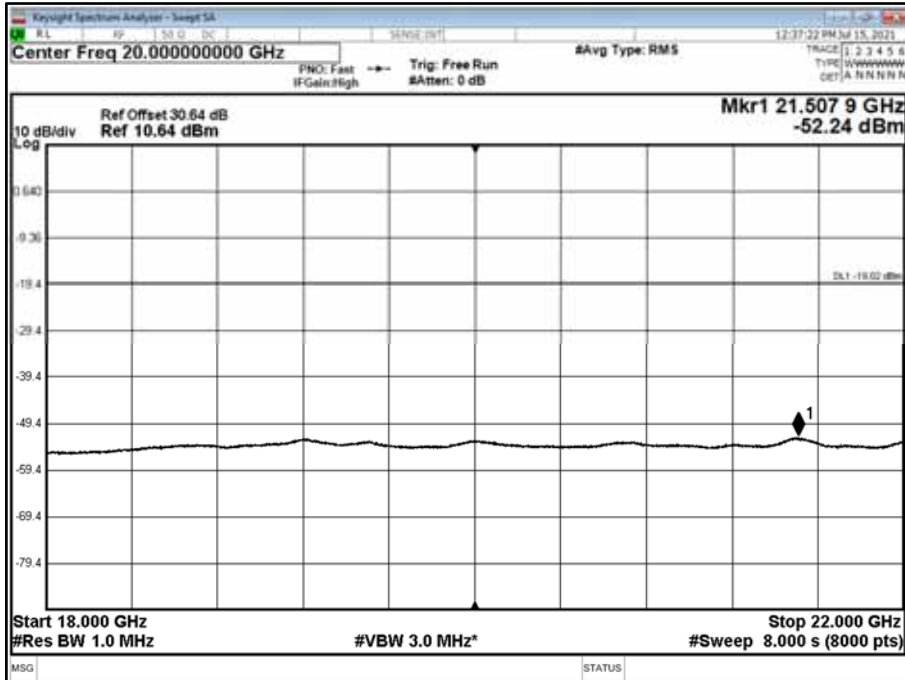


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position T - Band 4 - Range 12000 to 18000 MHz

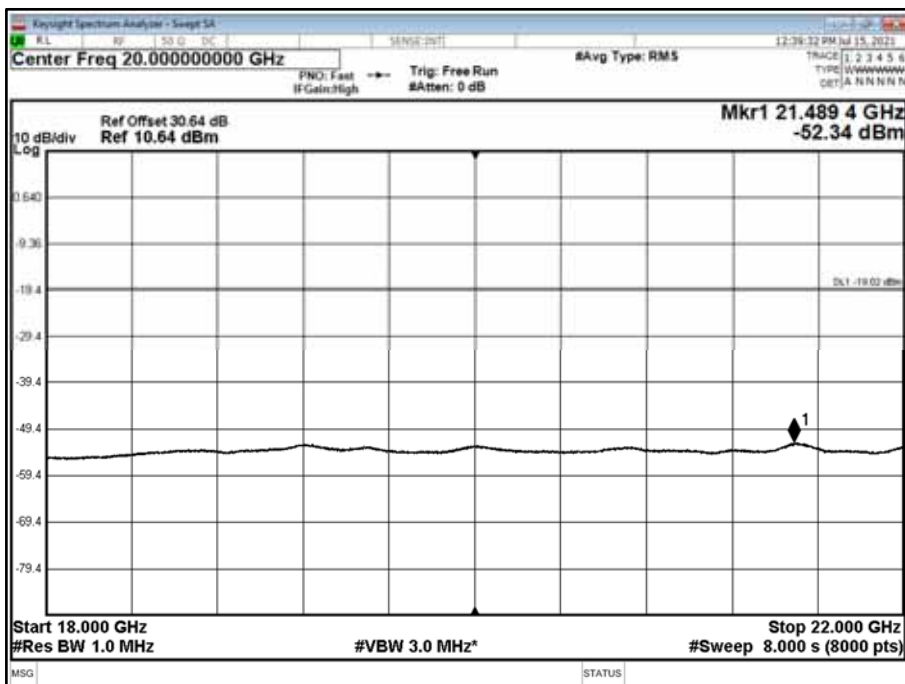




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz

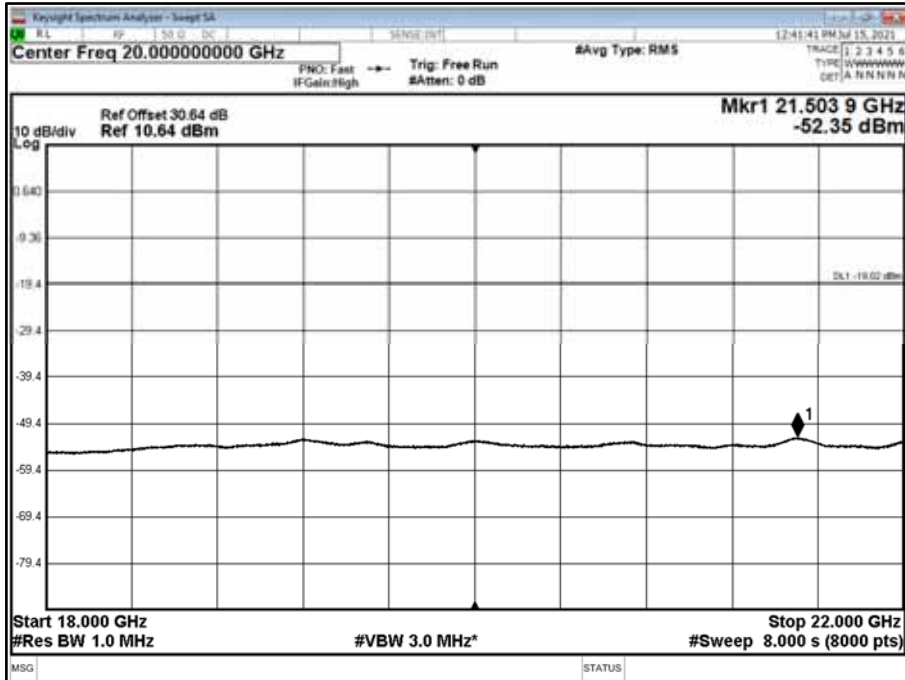


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position M - Band 5 - Range 18000 to 22000 MHz

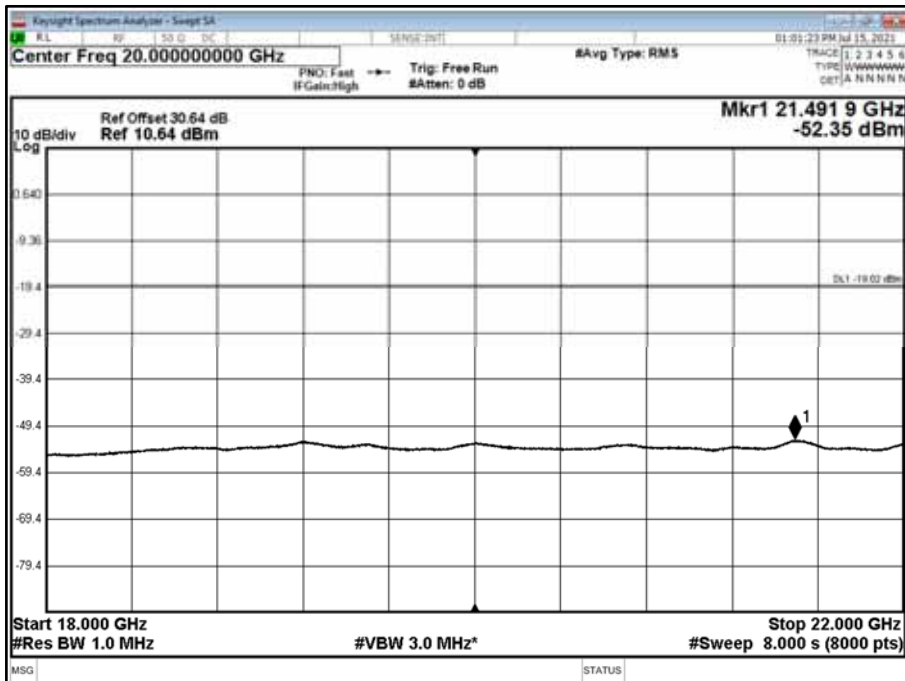




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

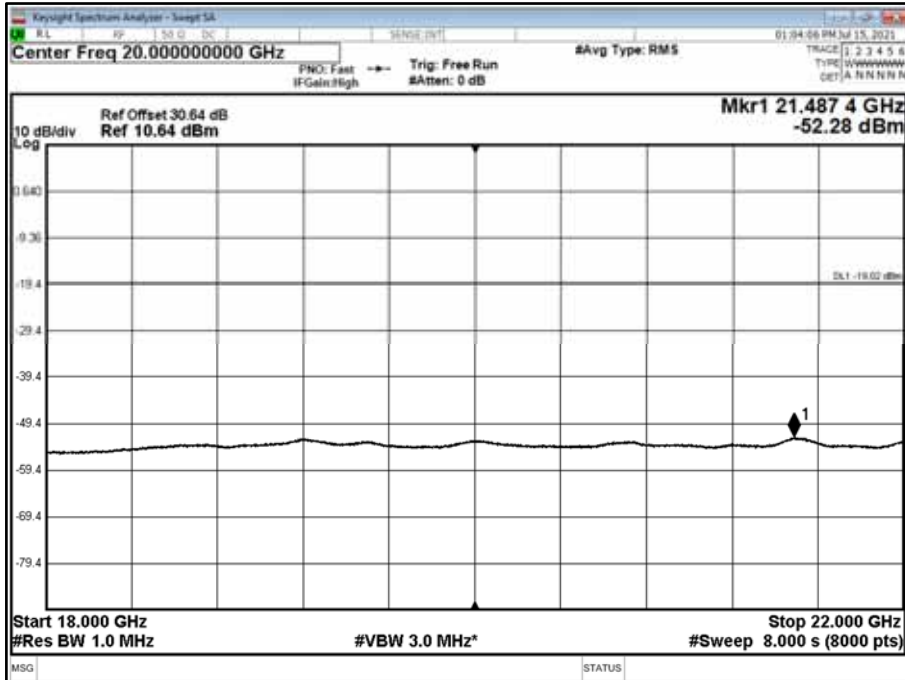


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz

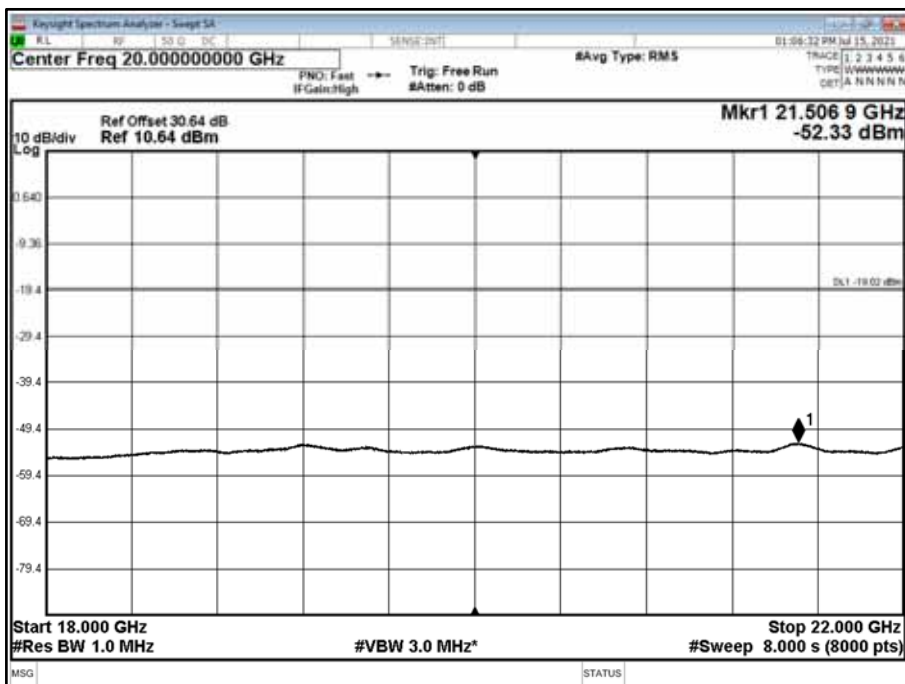




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position M - Band 5 - Range 18000 to 22000 MHz

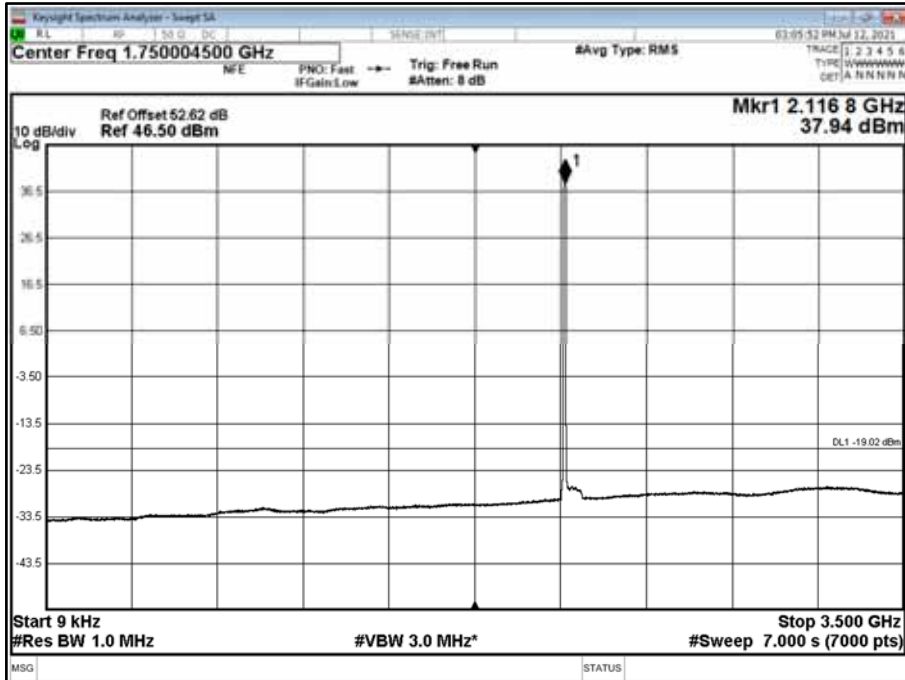


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 20.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

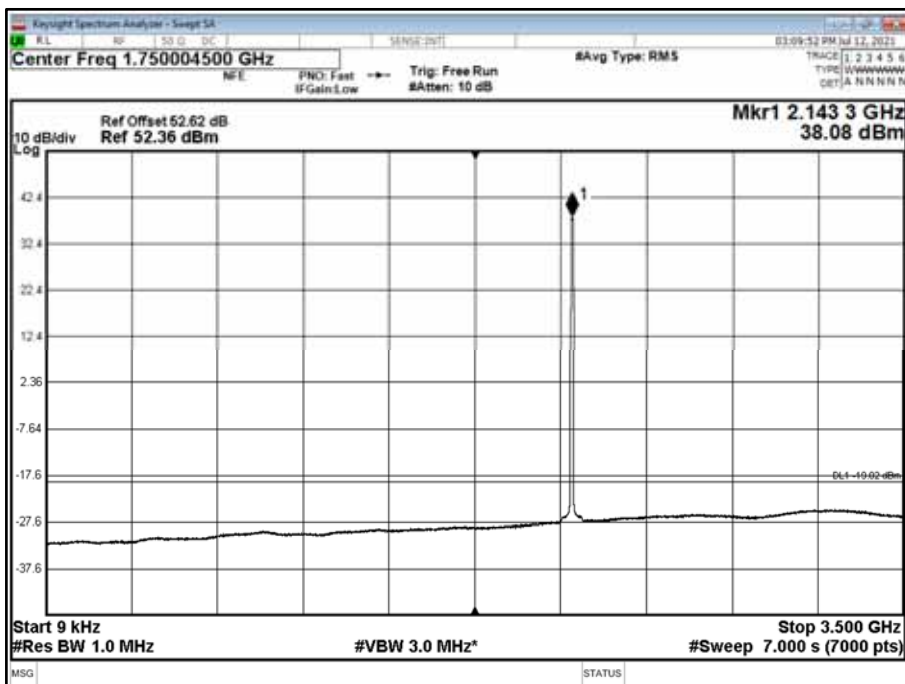




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 3500 MHz

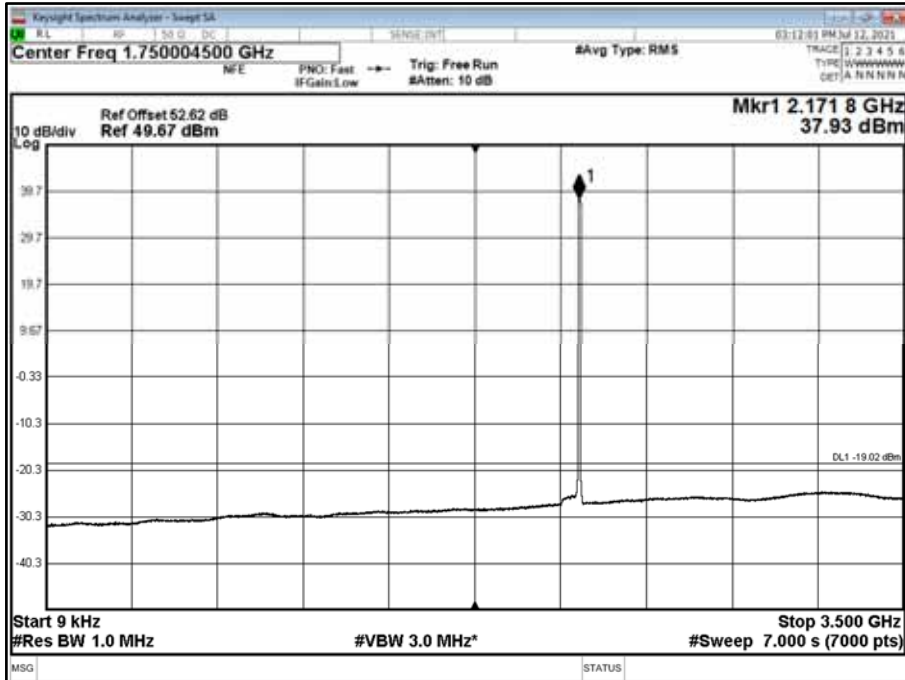


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 3500 MHz

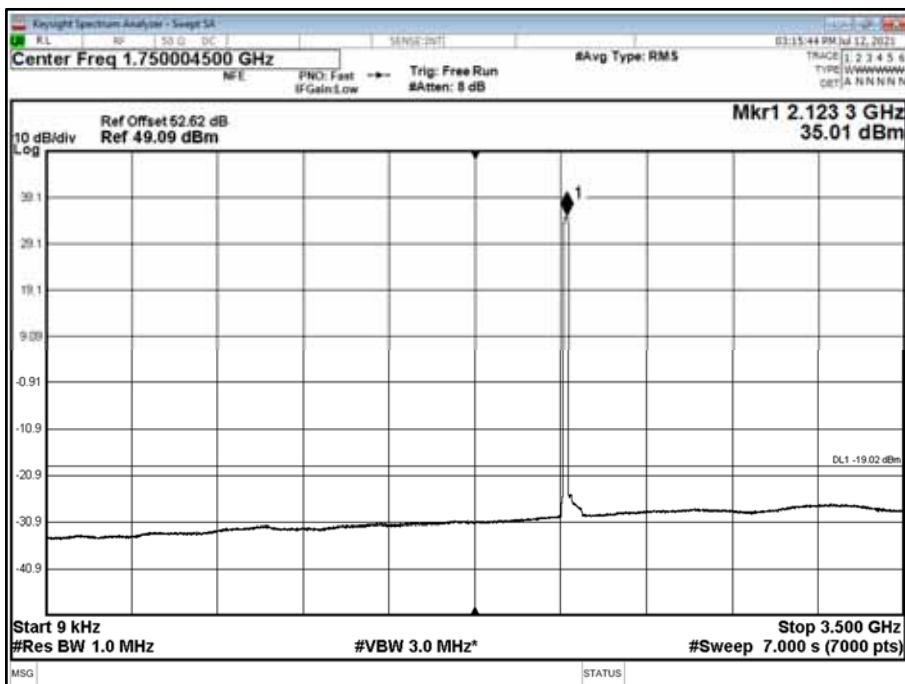




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 3500 MHz



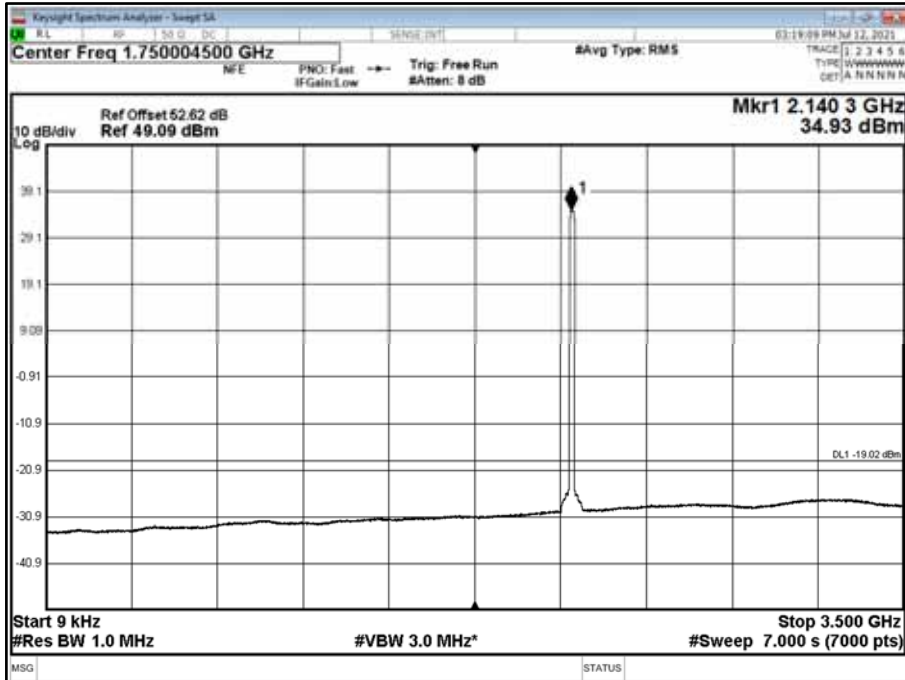
Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position B - Band 1 - Range 0.009 to 3500 MHz



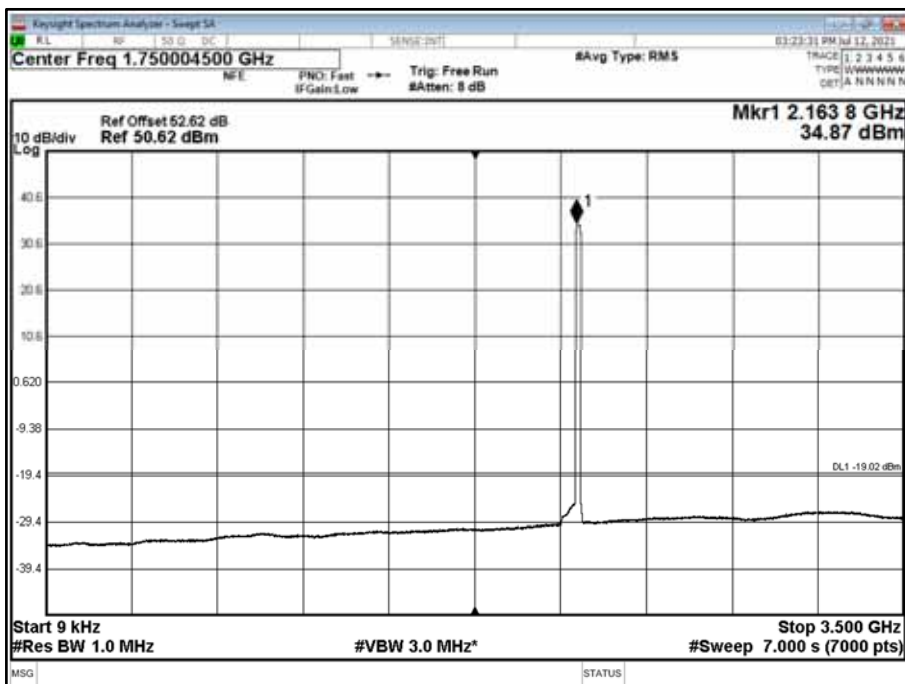




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position M - Band 1 - Range 0.009 to 3500 MHz

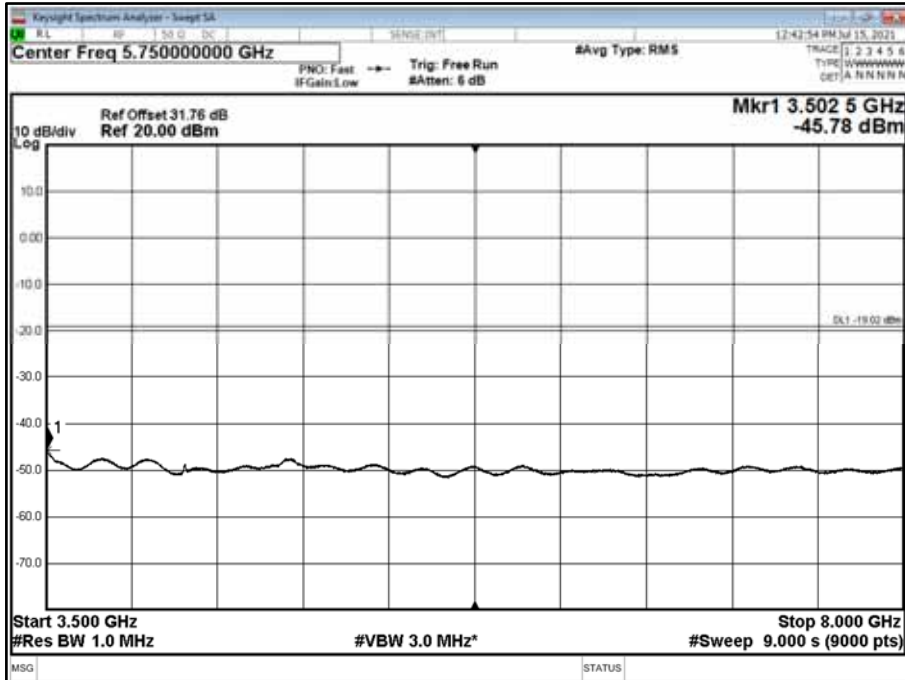


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position T - Band 1 - Range 0.009 to 3500 MHz

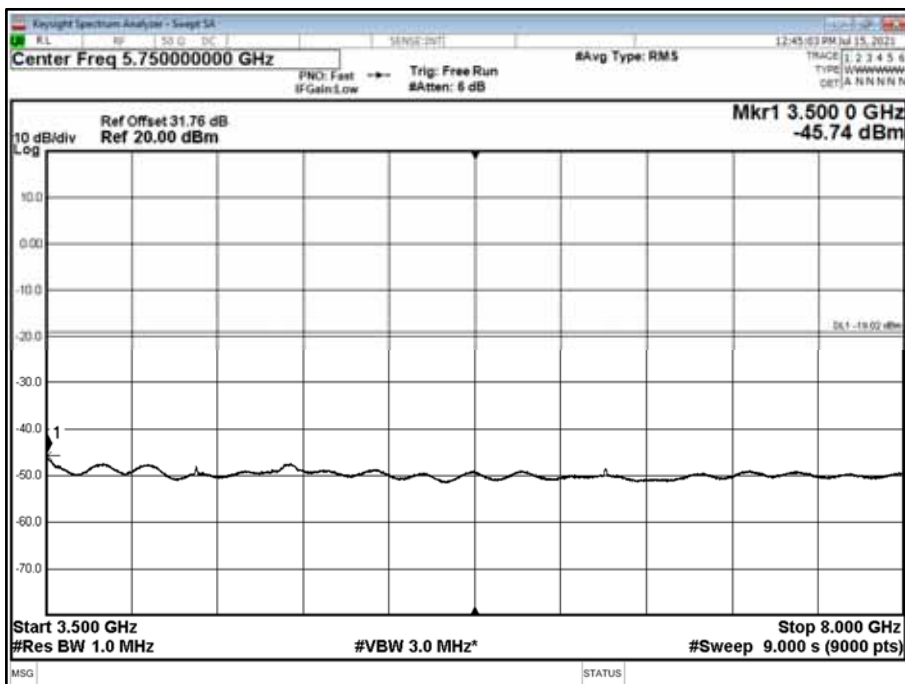




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position B - Band 2 - Range 3500 to 8000 MHz

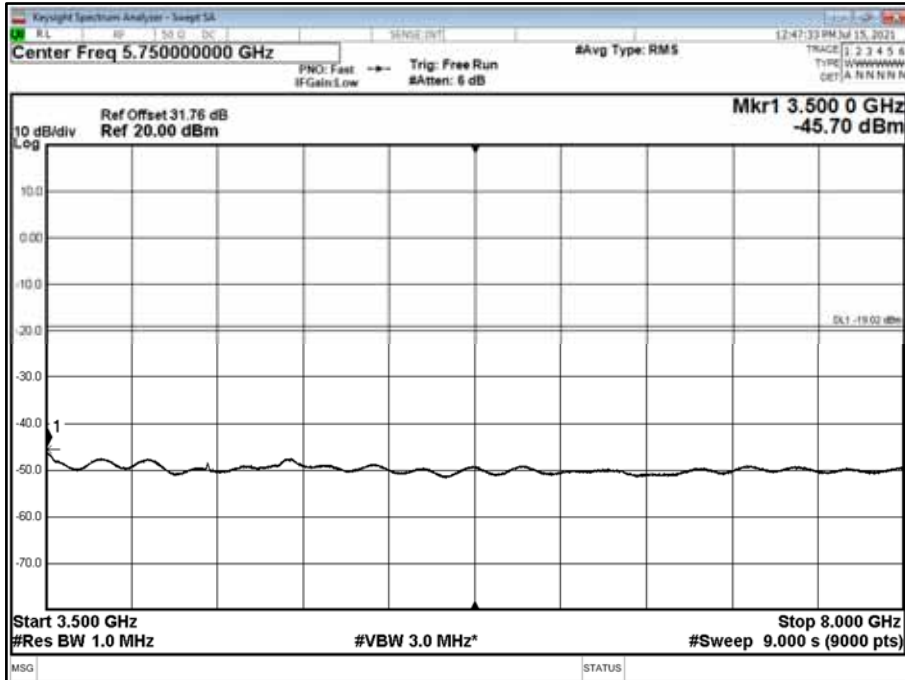


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position M - Band 2 - Range 3500 to 8000 MHz

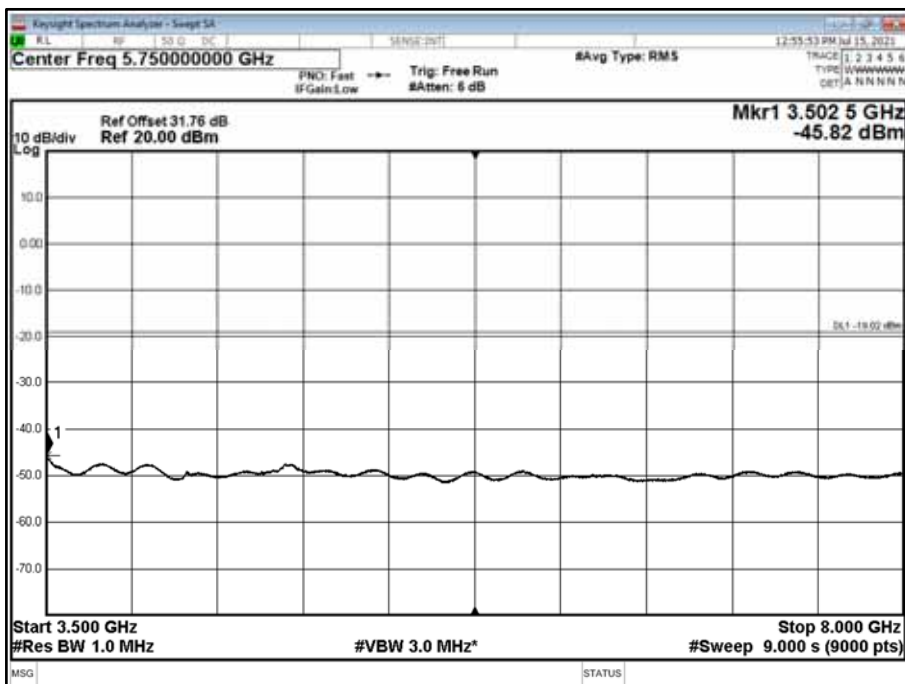




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position T - Band 2 - Range 3500 to 8000 MHz

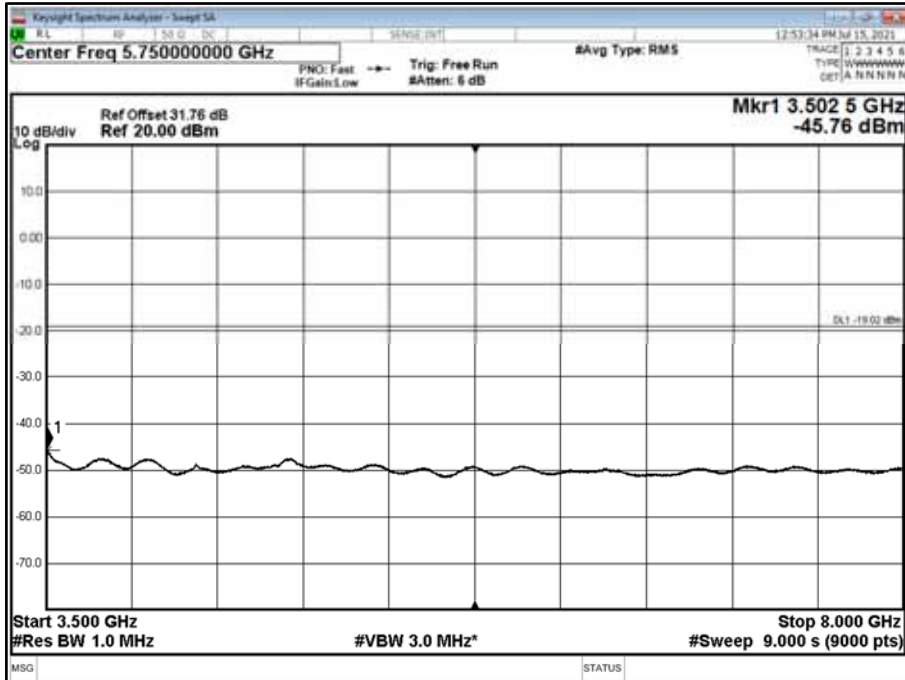


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position B - Band 2 - Range 3500 to 8000 MHz

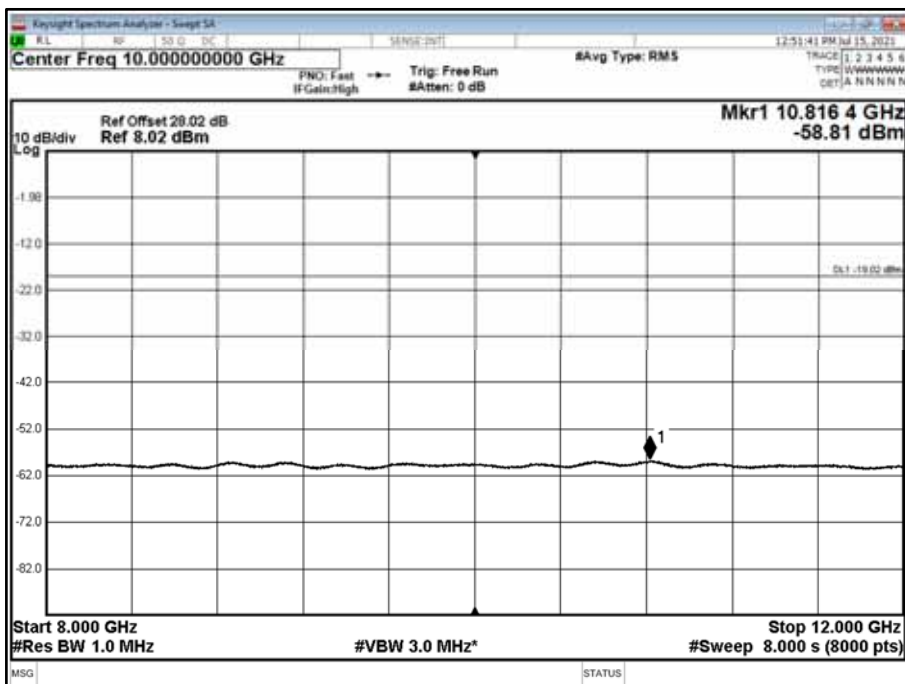




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position M - Band 2 - Range 3500 to 8000 MHz

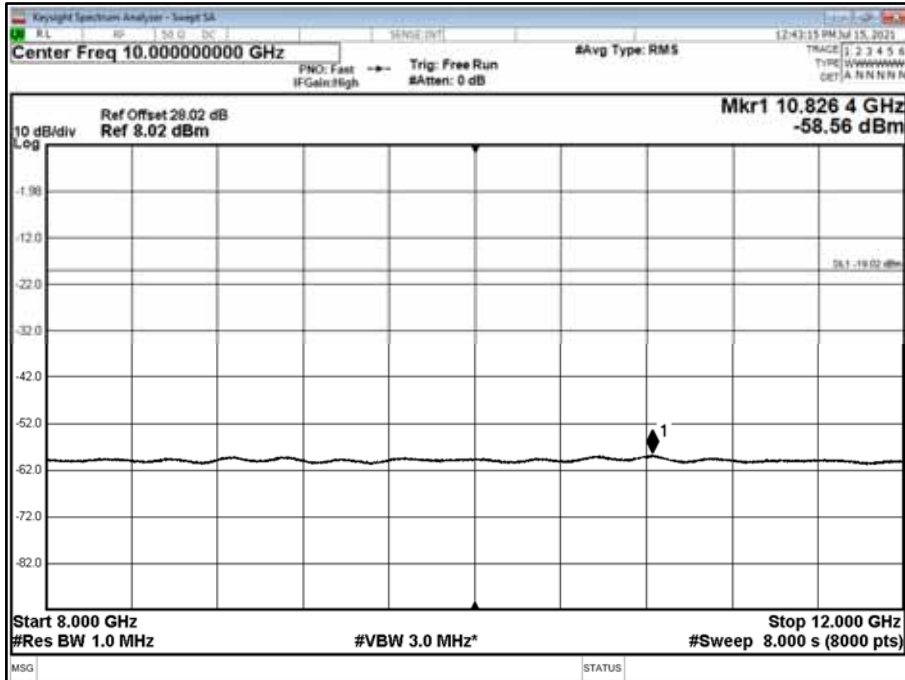


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz

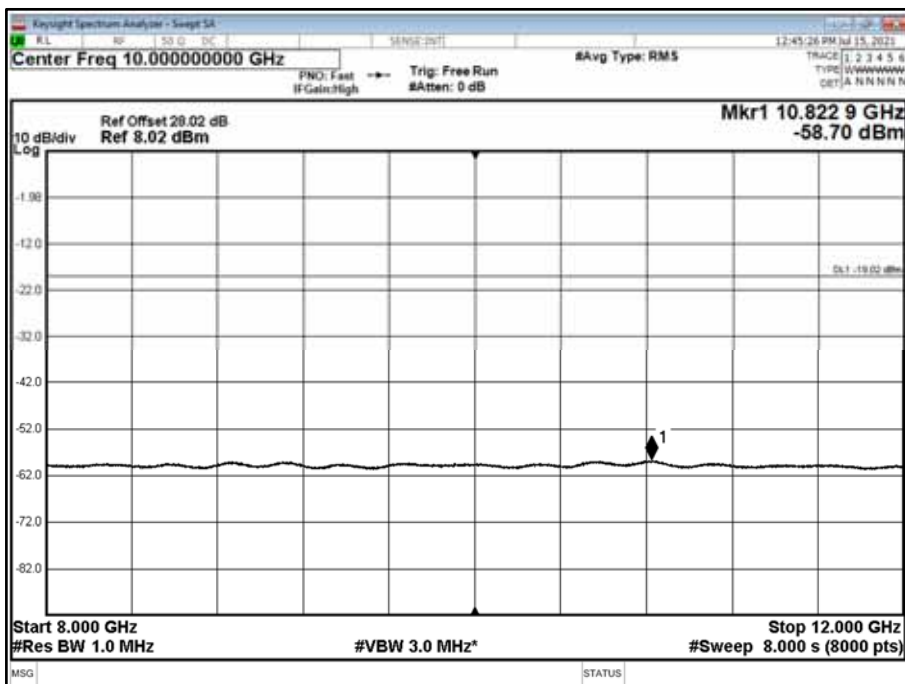




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position B - Band 3 - Range 8000 to 12000 MHz

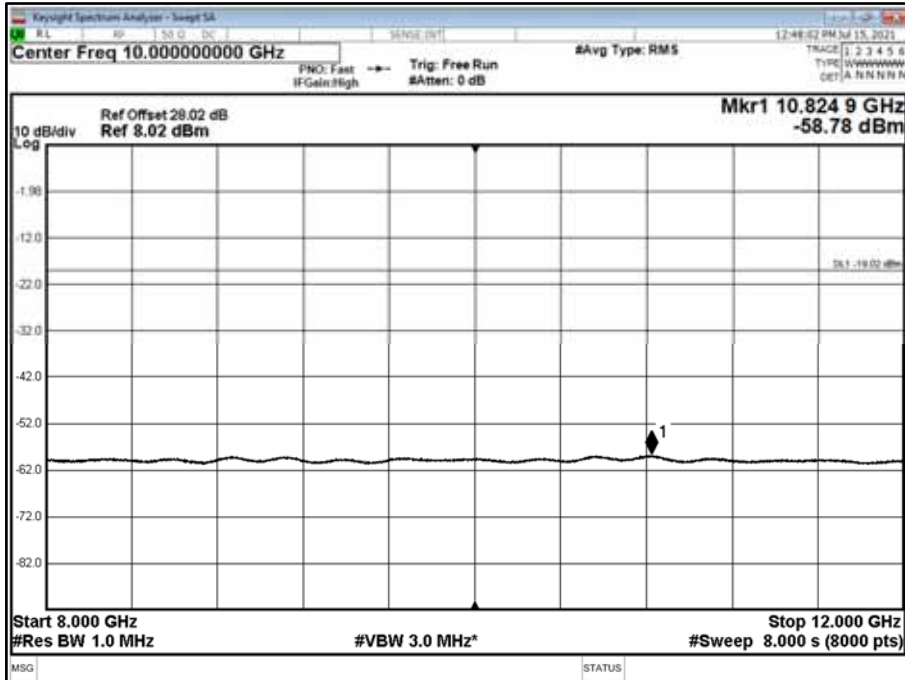


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position M - Band 3 - Range 8000 to 12000 MHz

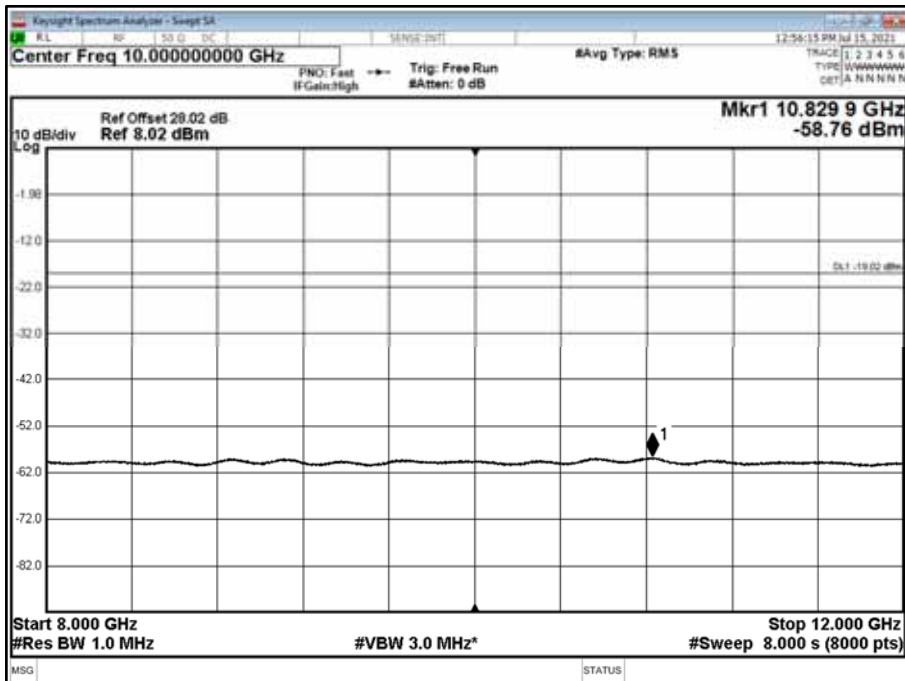




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz

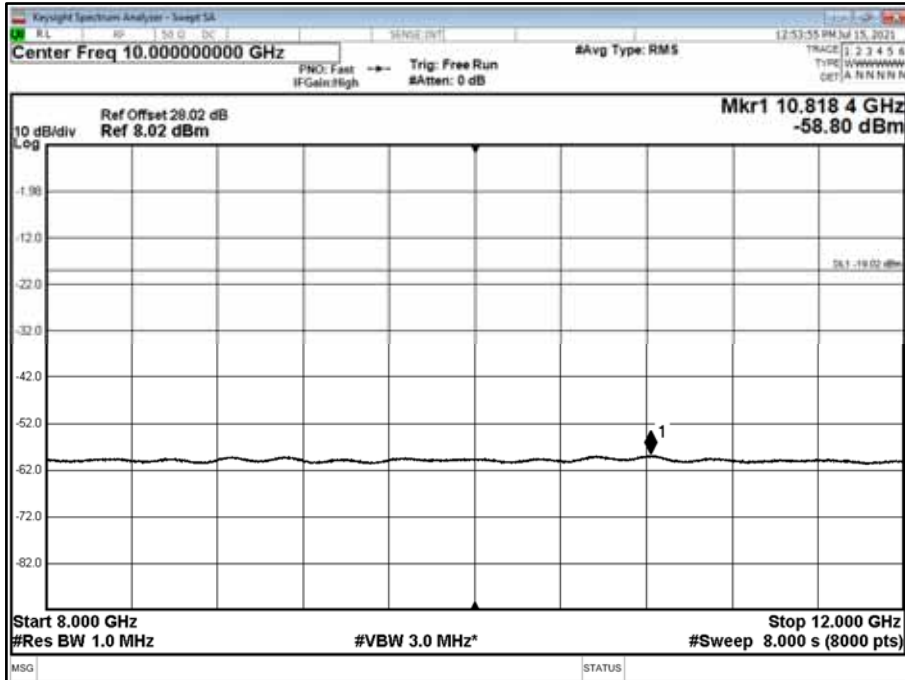


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position B - Band 3 - Range 8000 to 12000 MHz

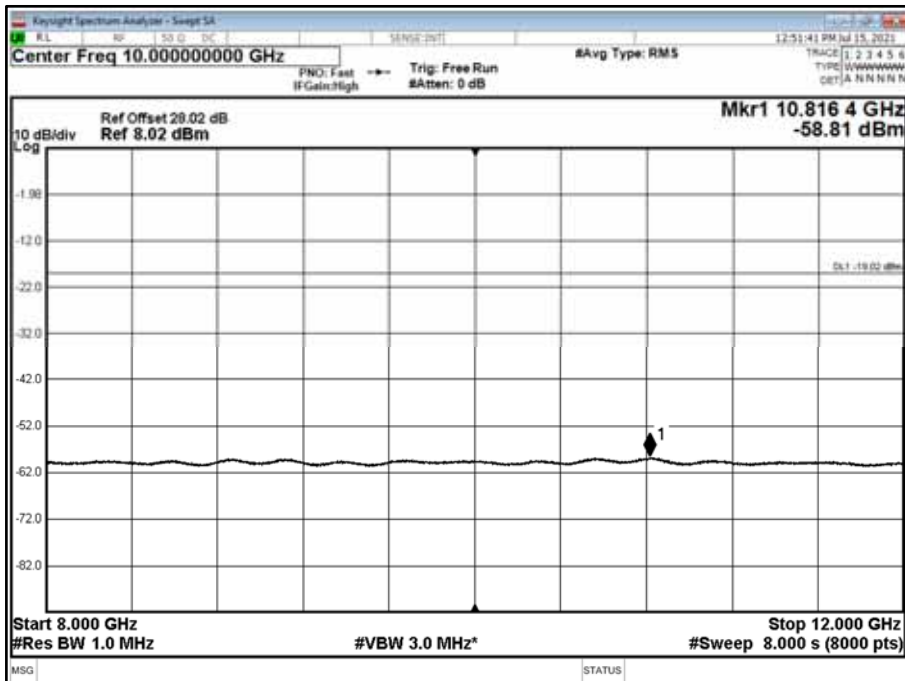




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position M - Band 3 - Range 8000 to 12000 MHz

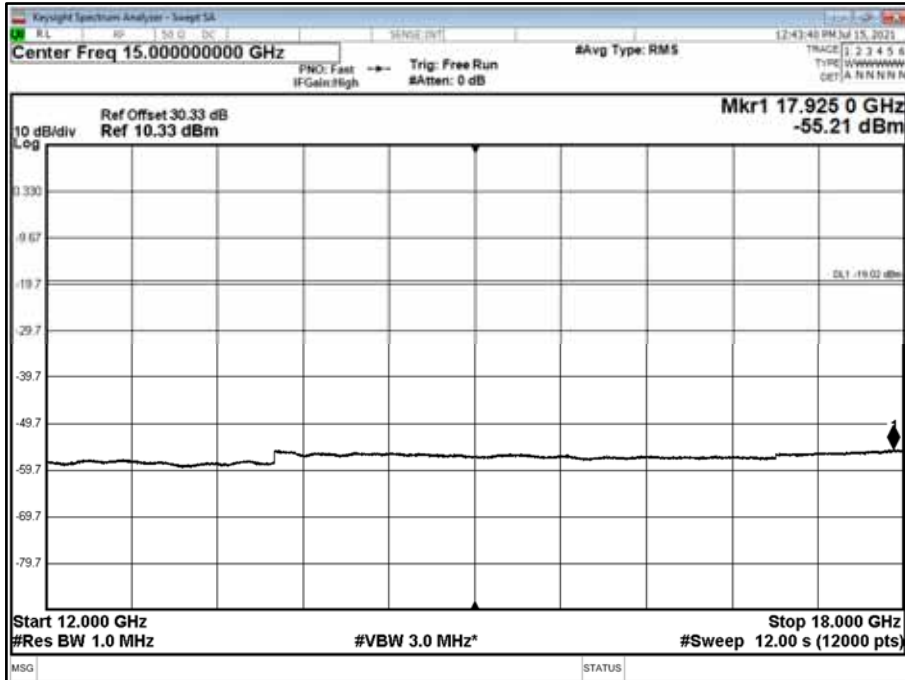


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz

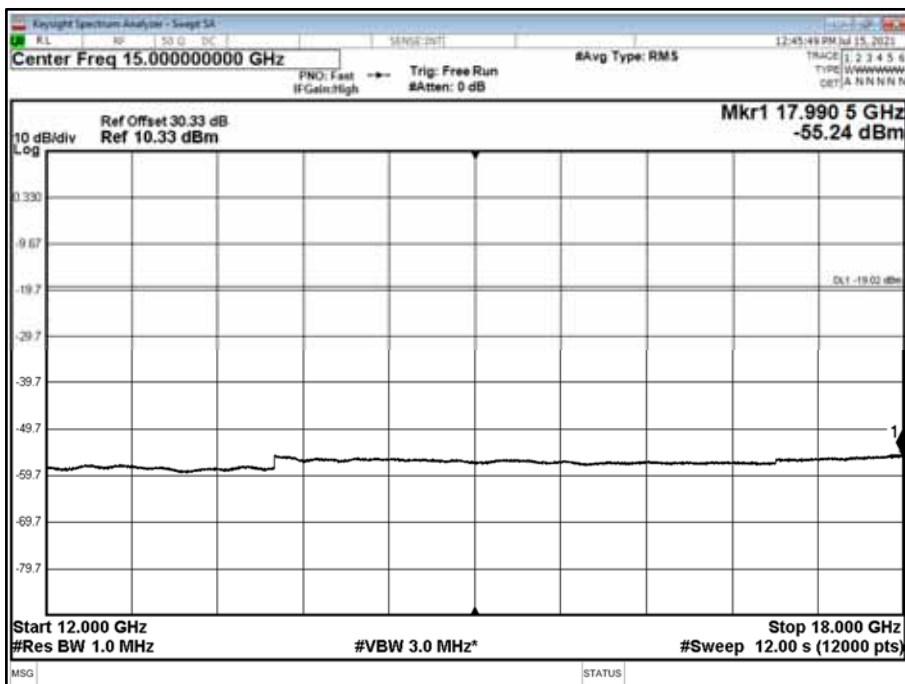




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz



Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position M - Band 4 - Range 12000 to 18000 MHz



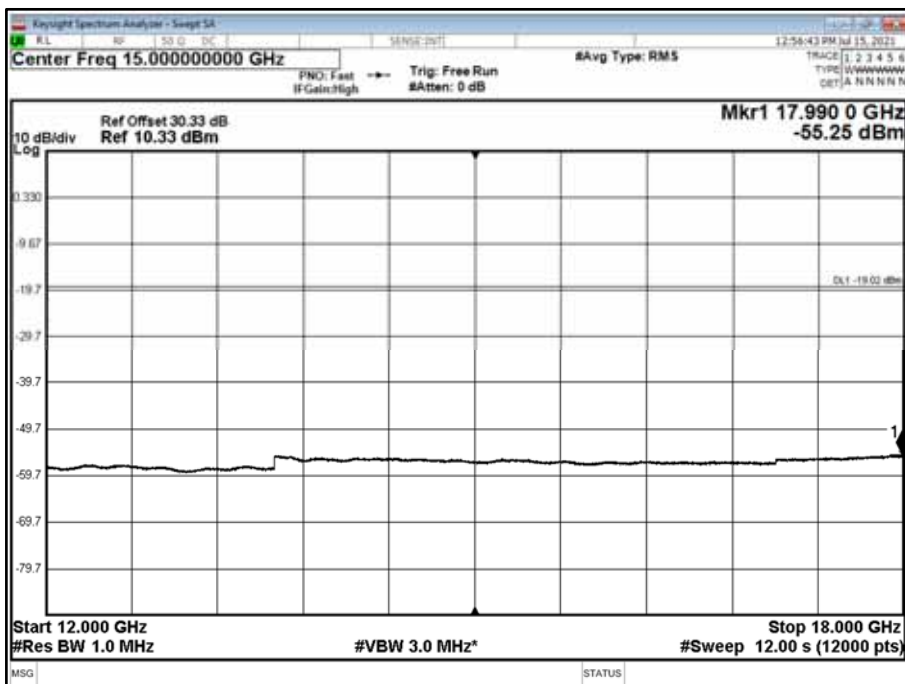




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position T - Band 4 - Range 12000 to 18000 MHz

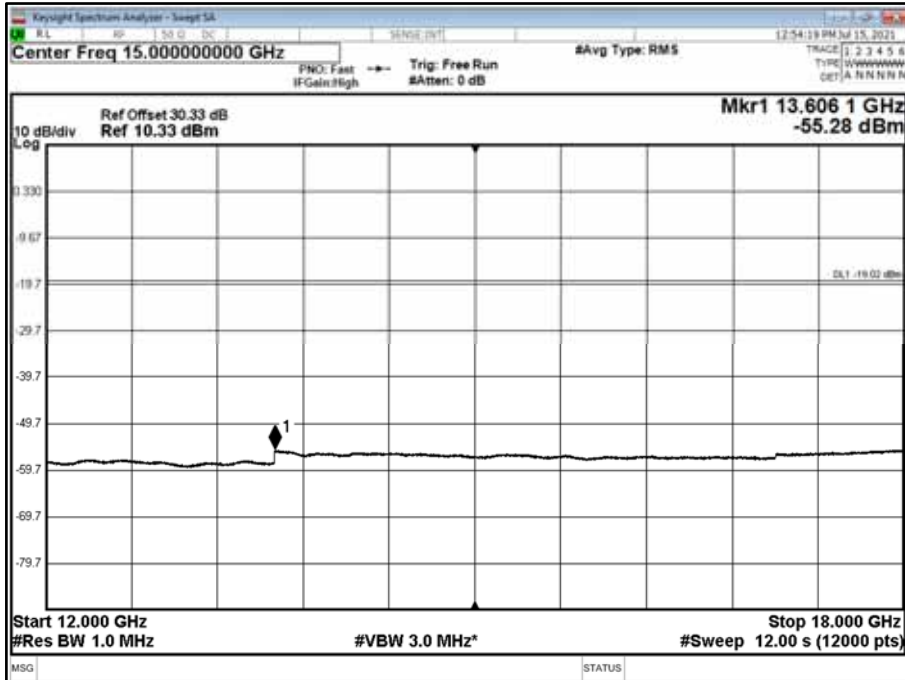


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz

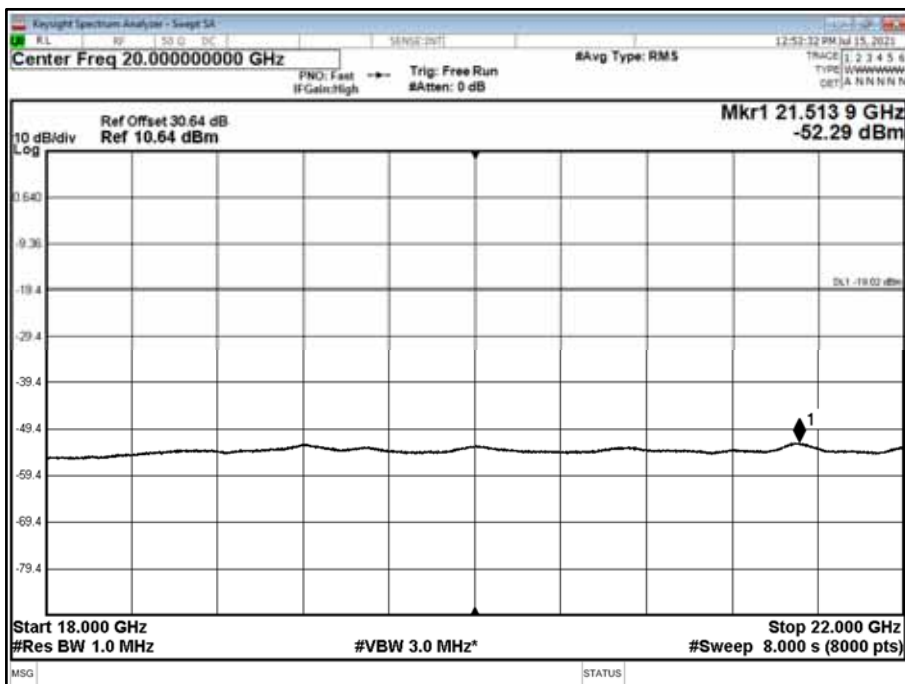




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position M - Band 4 - Range 12000 to 18000 MHz

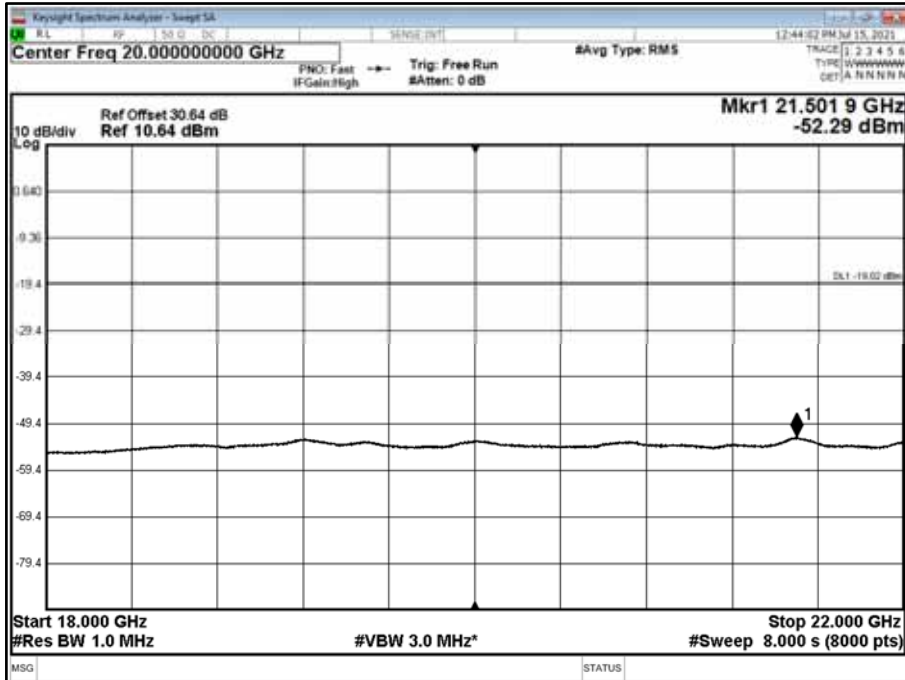


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

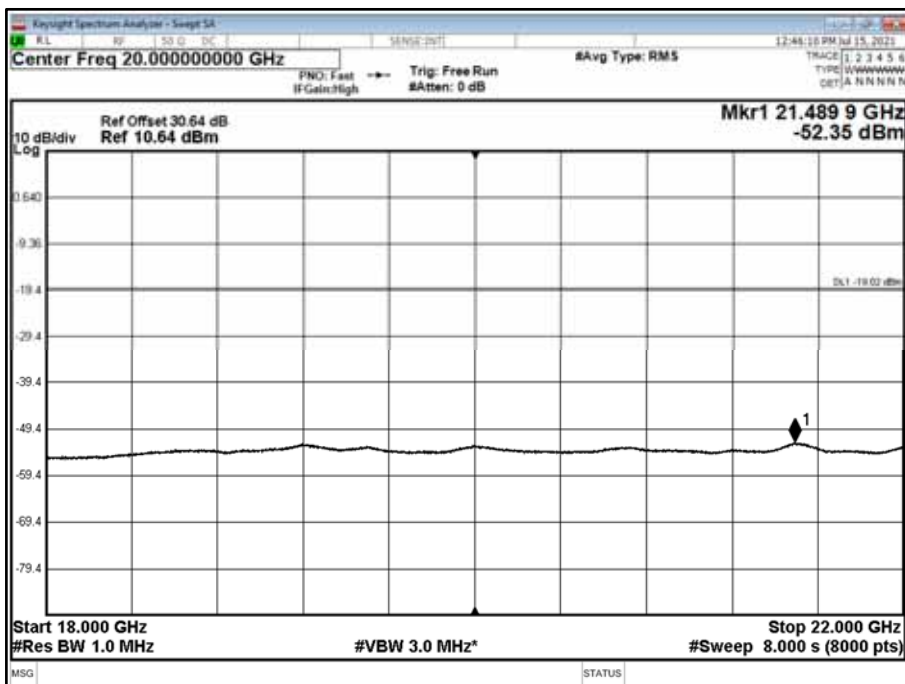




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz

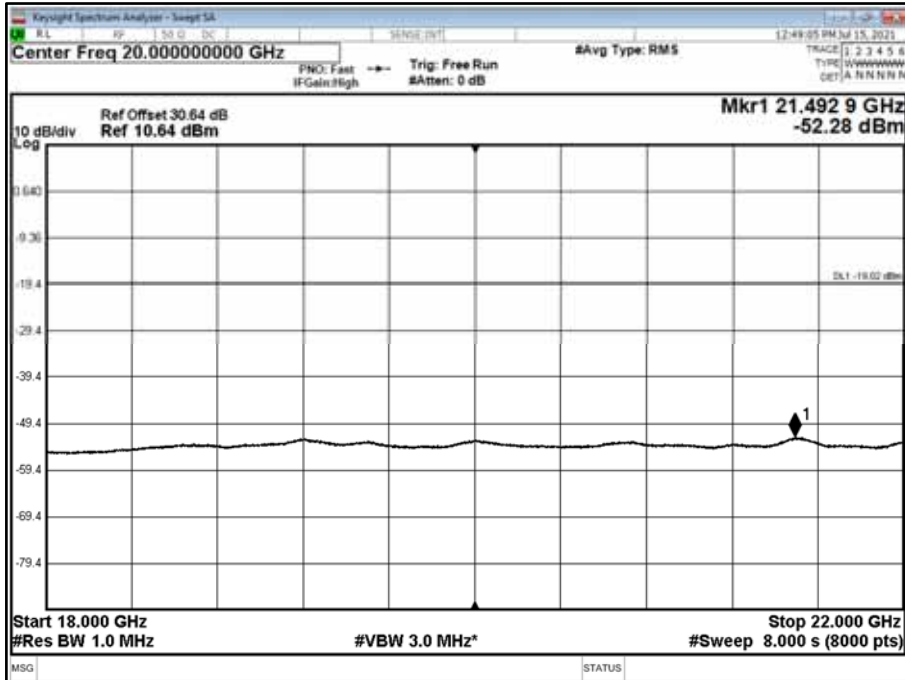


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position M - Band 5 - Range 18000 to 22000 MHz

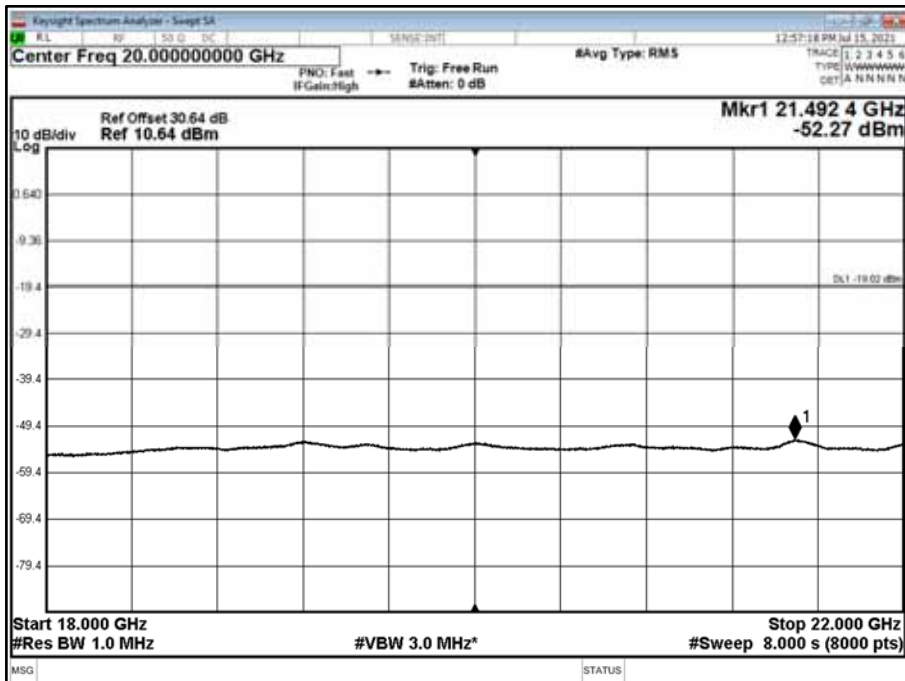




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

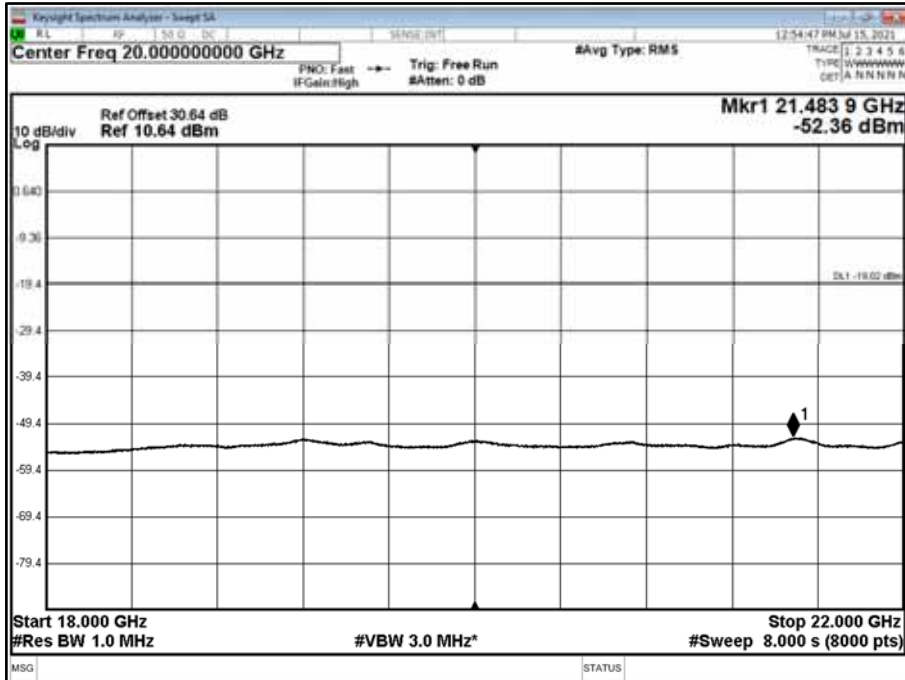


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz

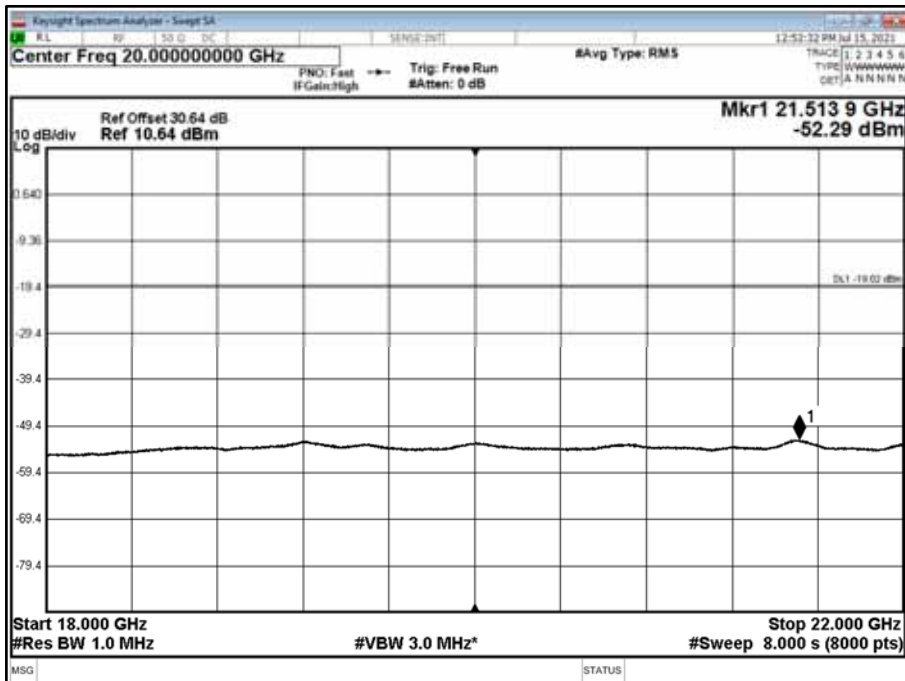




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position M - Band 5 - Range 18000 to 22000 MHz



Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 20.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

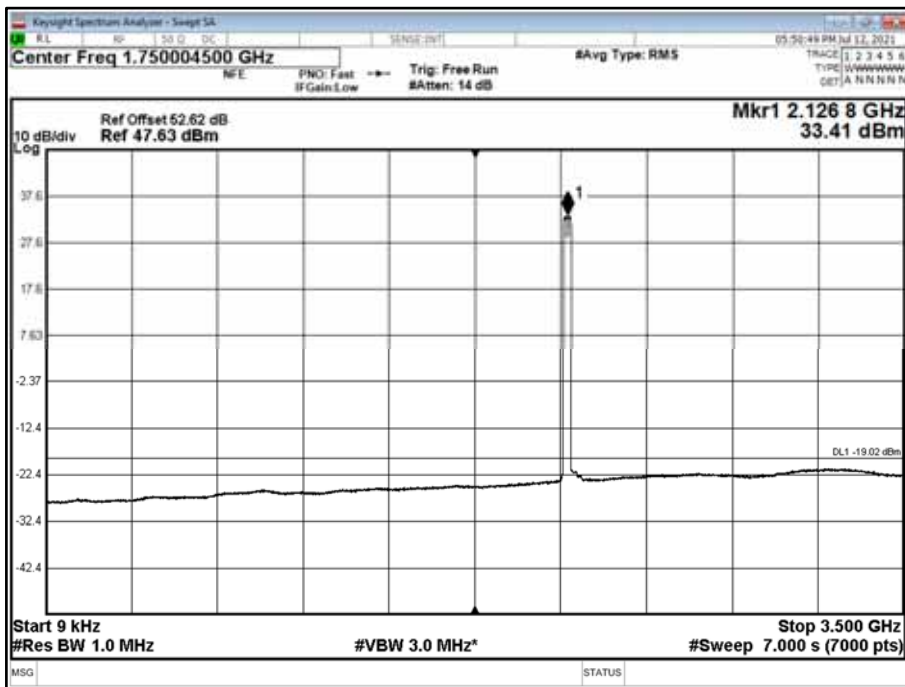




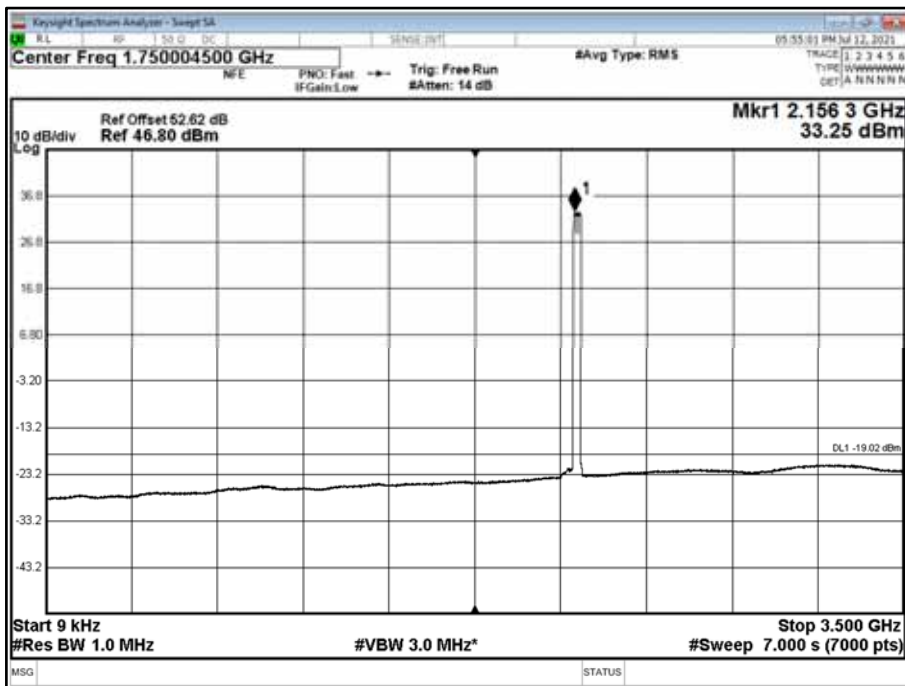
Configuration 2

Maximum Output Power 46.0 dBm

Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 3500 MHz

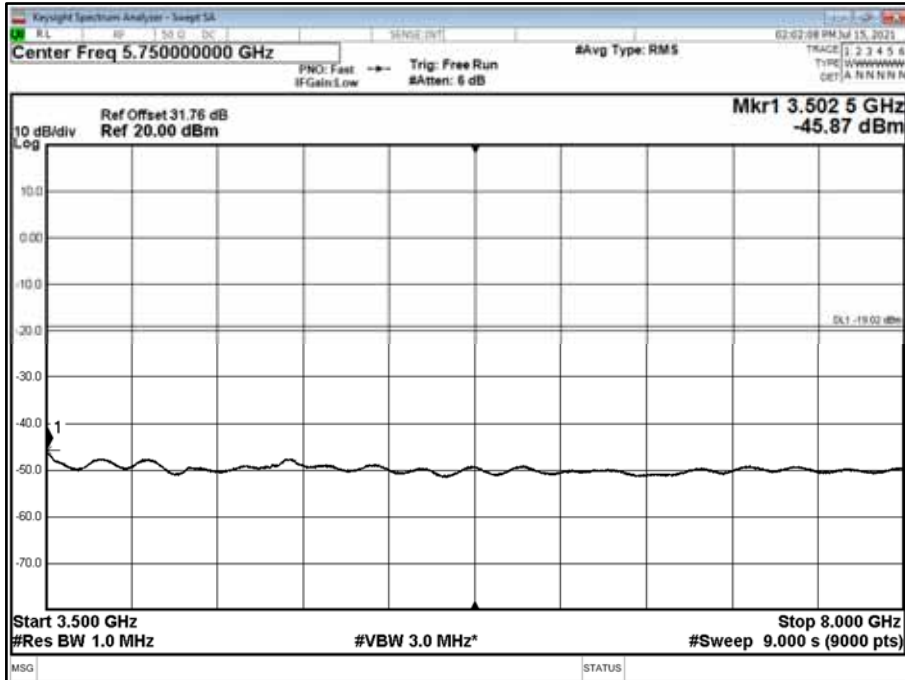


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 3500 MHz

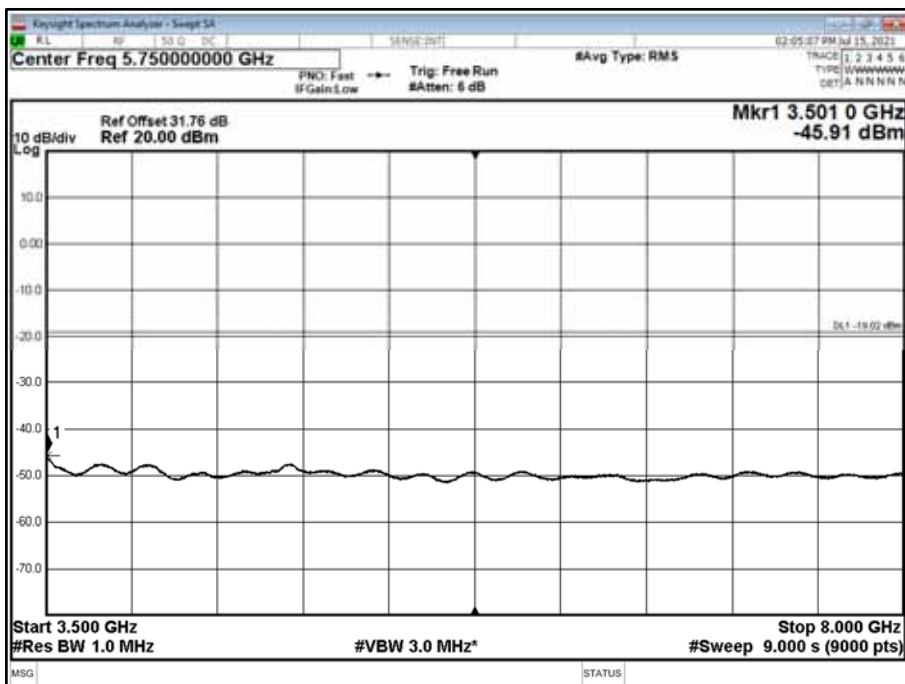




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position B - Band 2 - Range 3500 to 8000 MHz

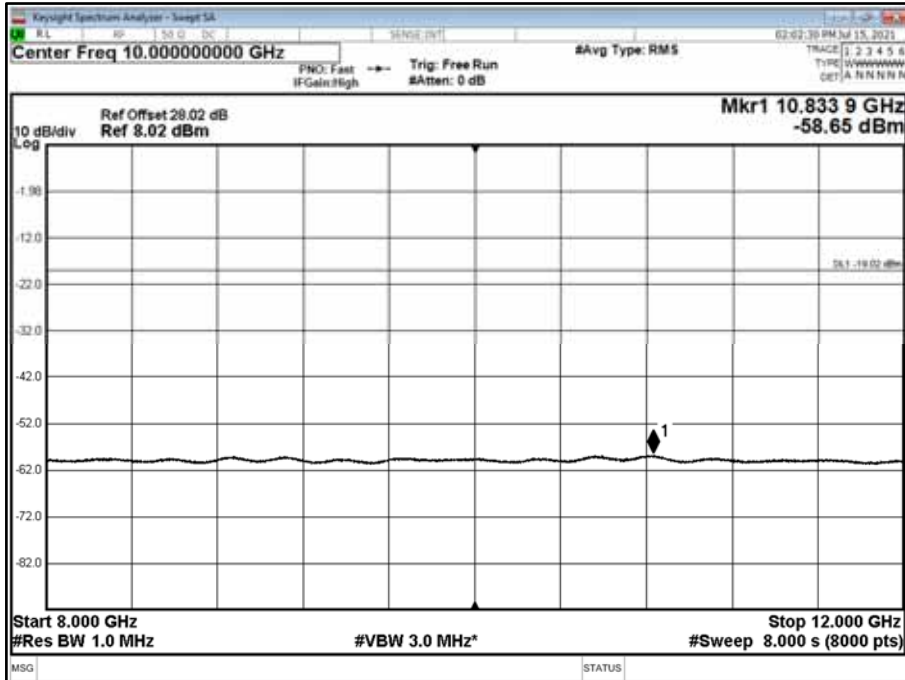


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position T - Band 2 - Range 3500 to 8000 MHz

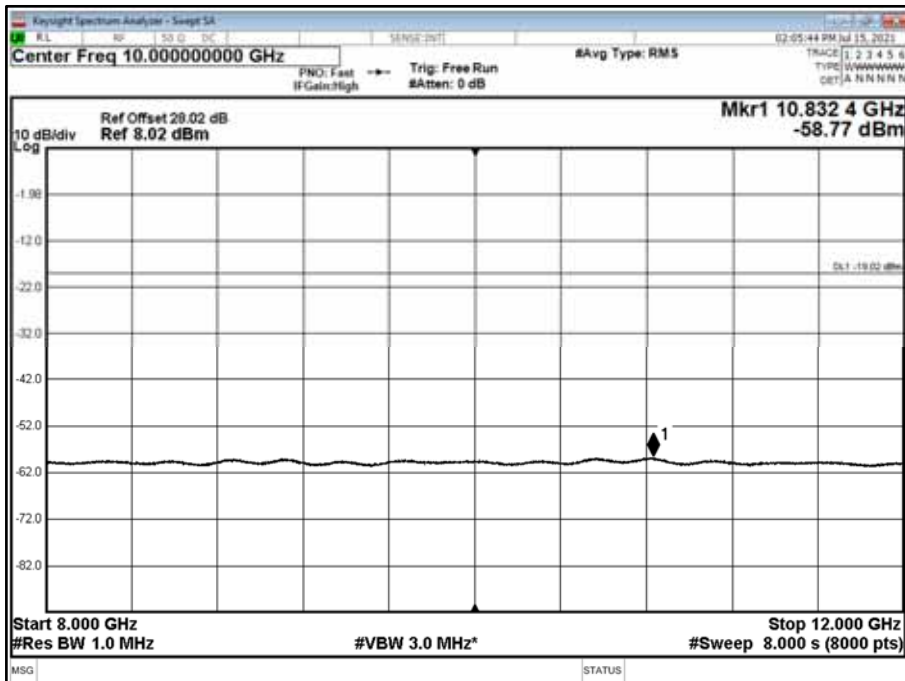




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position B - Band 3 - Range 8000 to 12000 MHz



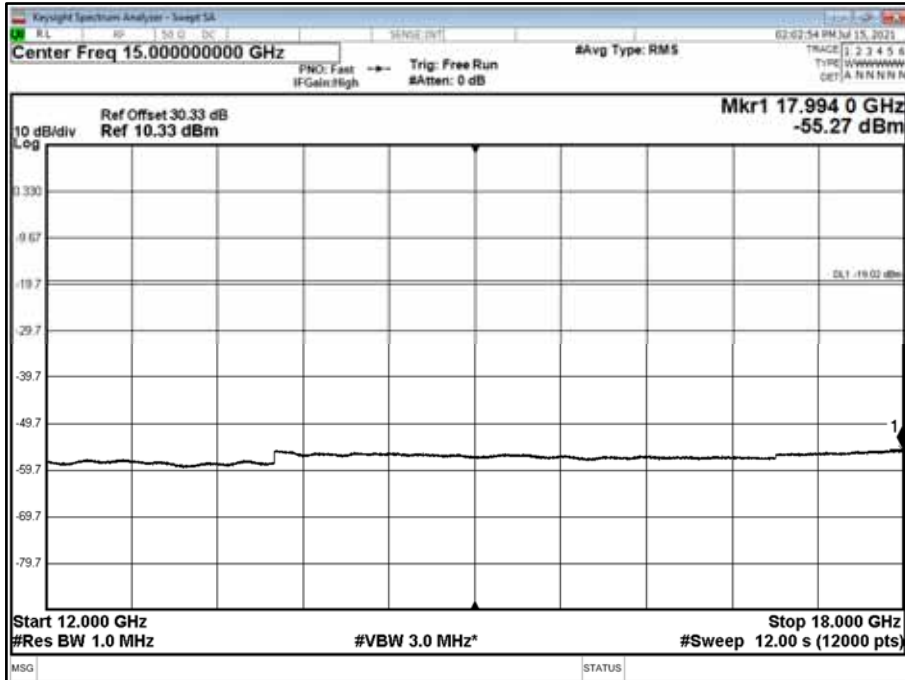
Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz



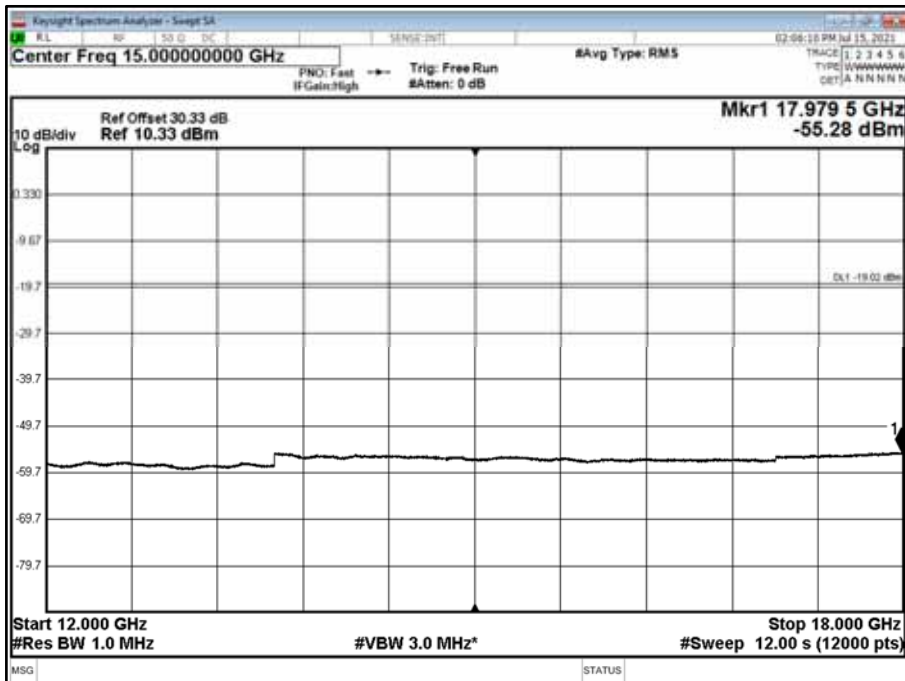




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz

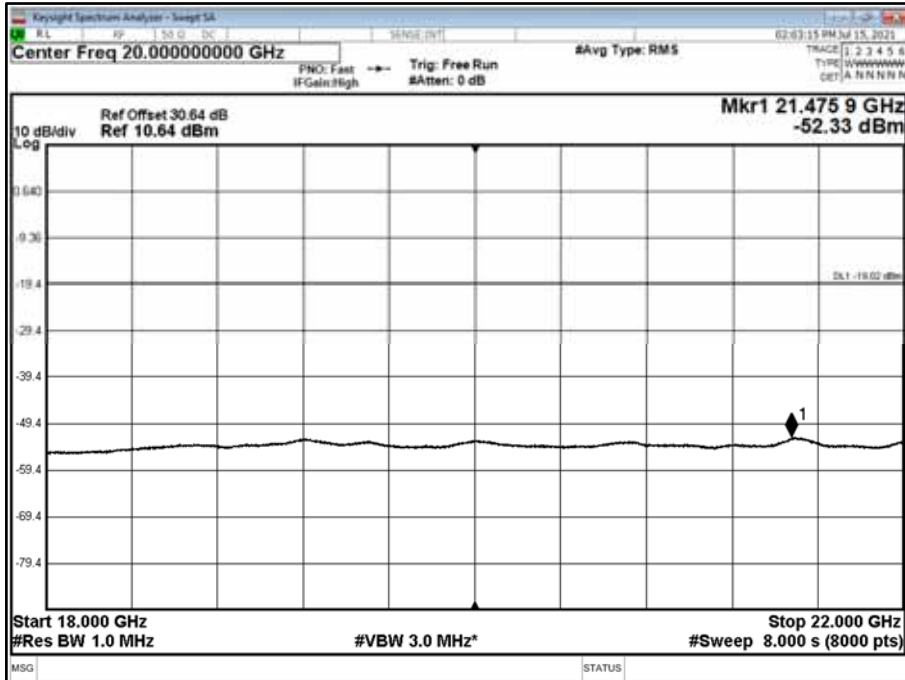


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position T - Band 4 - Range 12000 to 18000 MHz

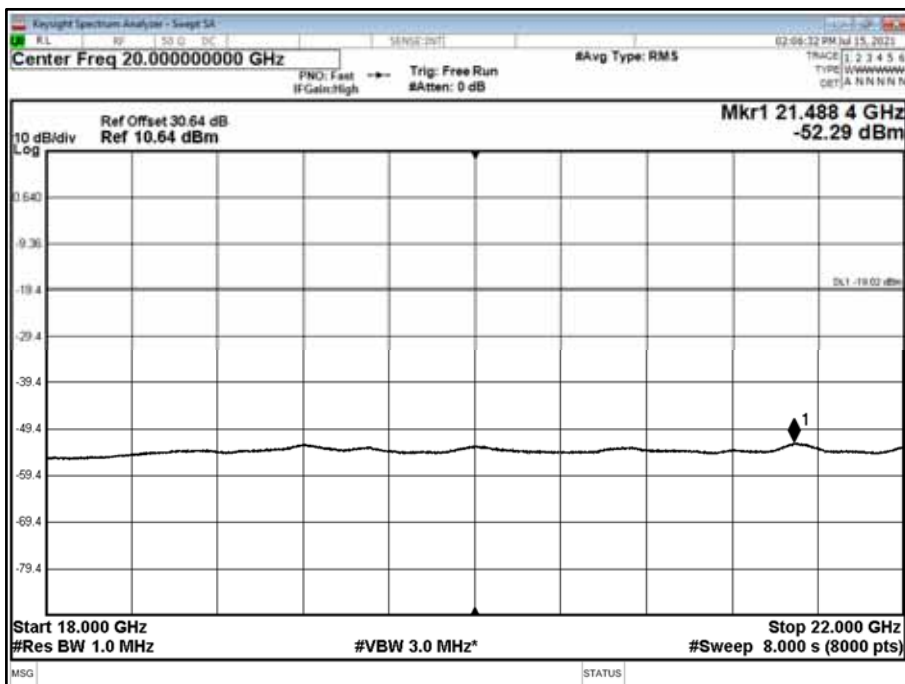




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz

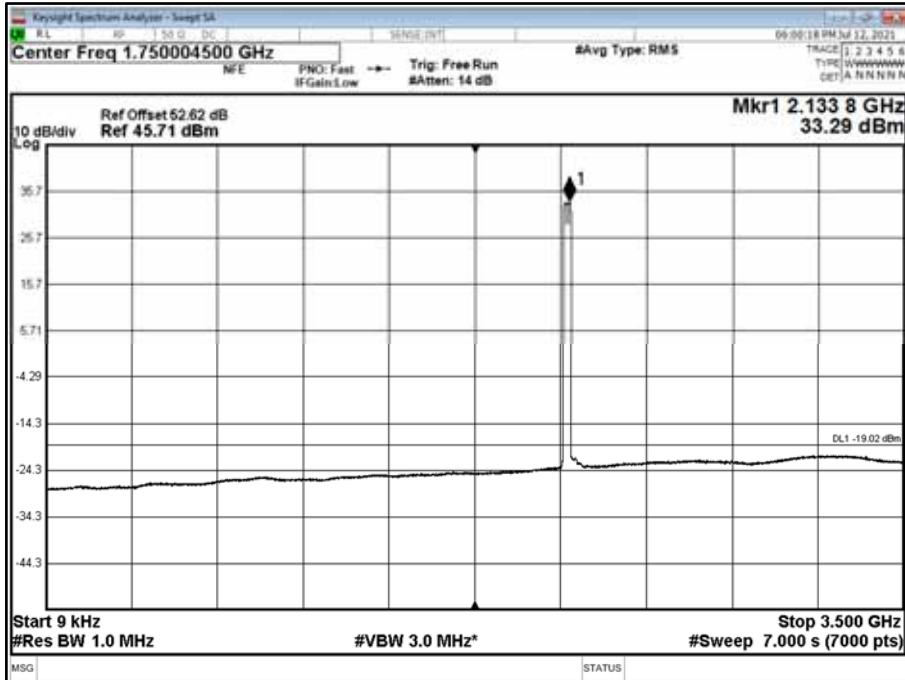


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 40/60 10.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

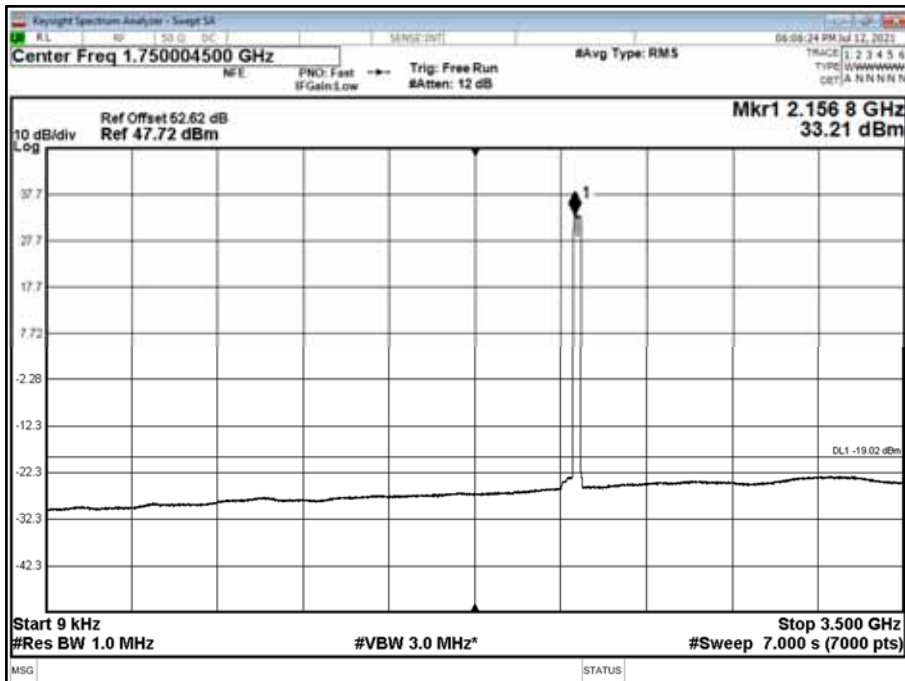




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 3500 MHz

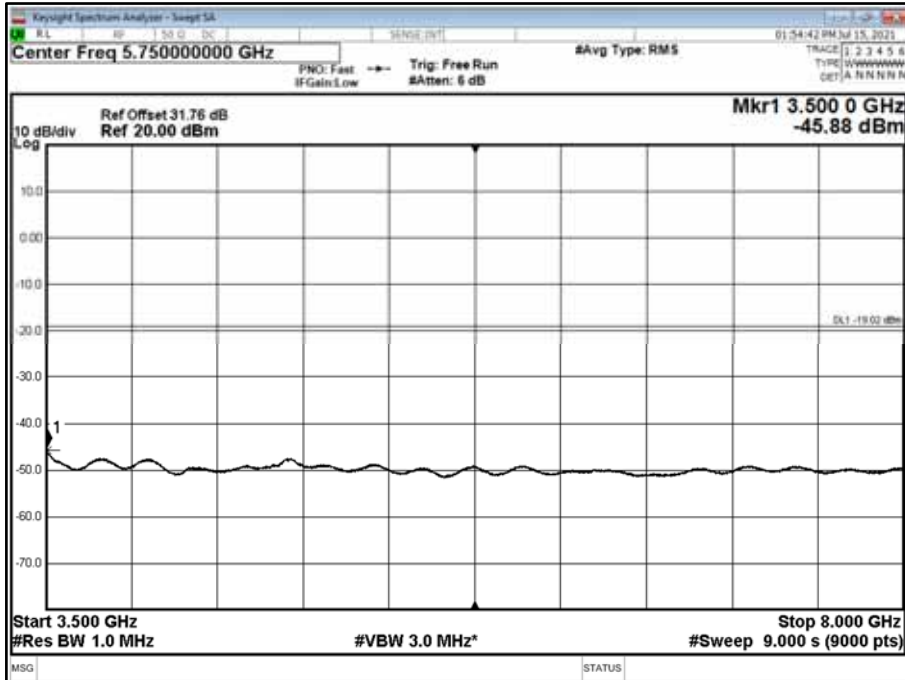


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 3500 MHz

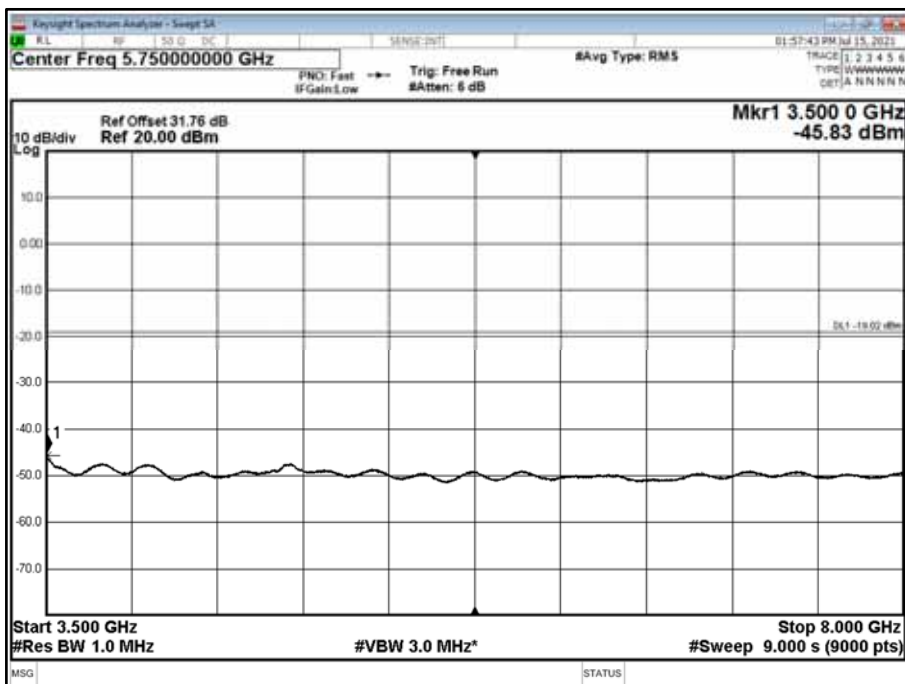




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position B - Band 2 - Range 3500 to 8000 MHz

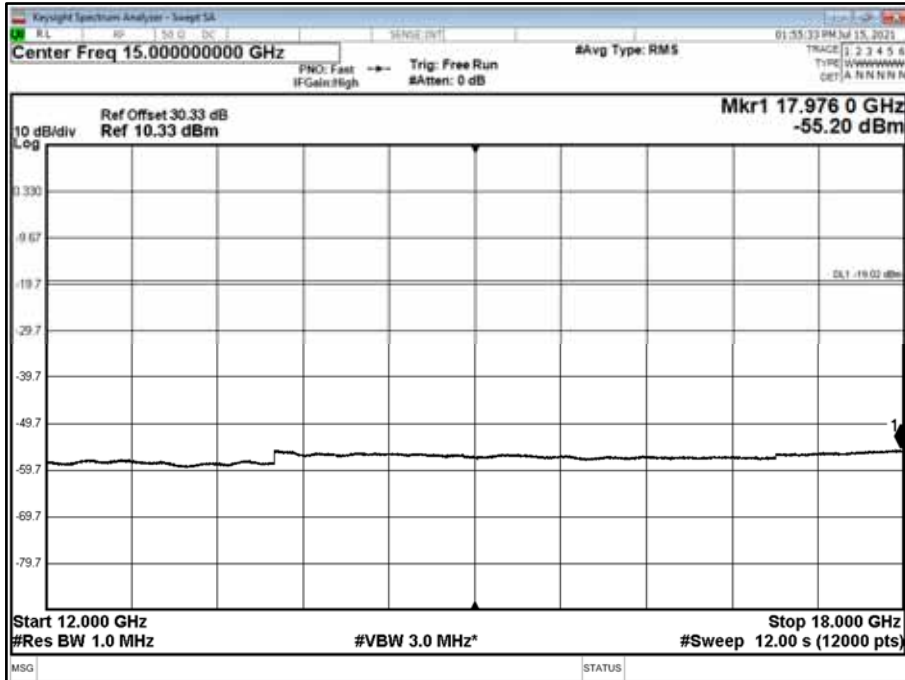


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position T - Band 2 - Range 3500 to 8000 MHz

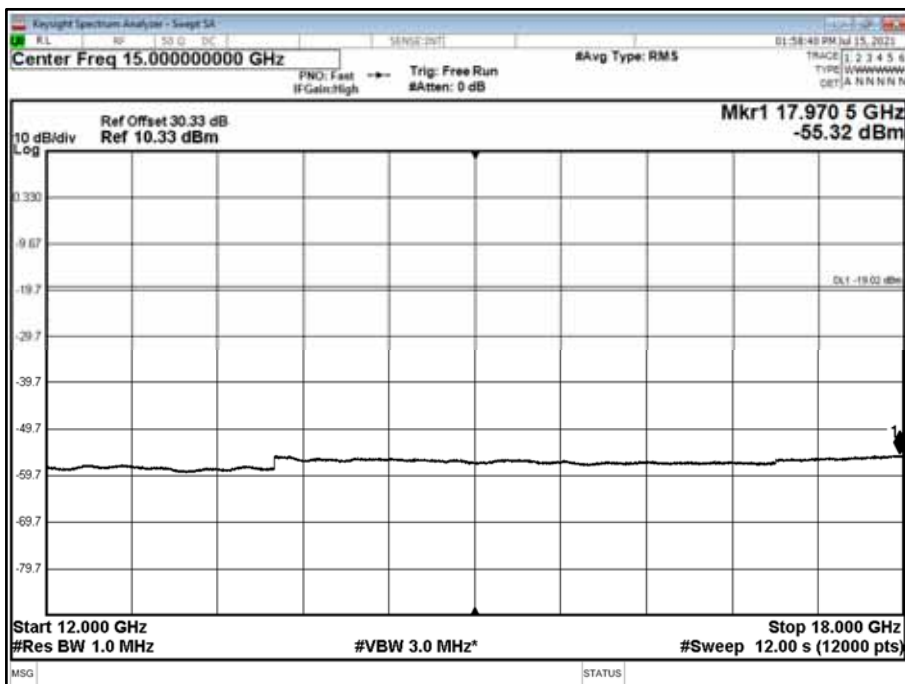




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz

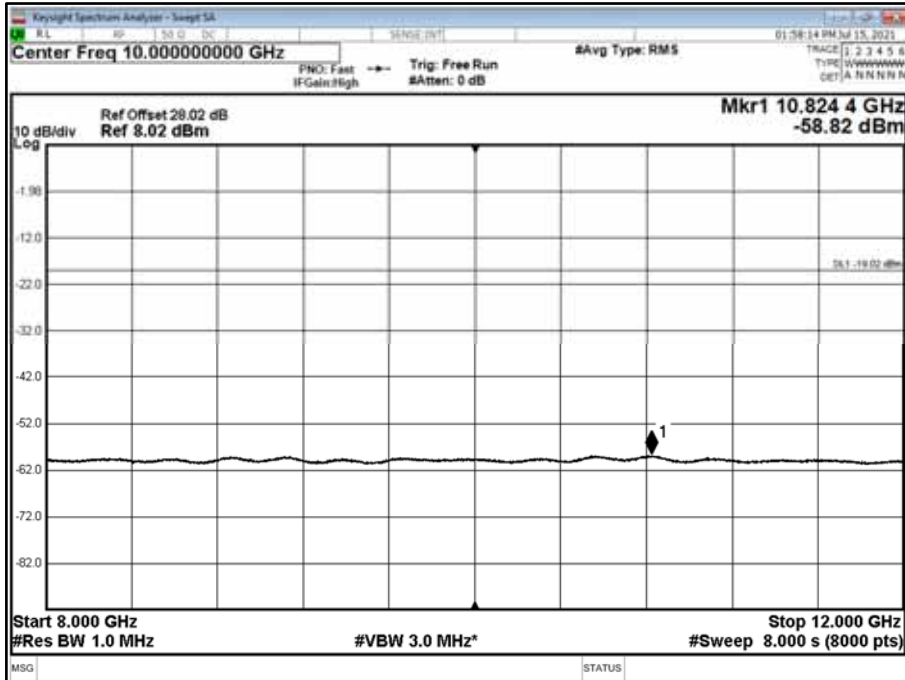


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position T - Band 4 - Range 12000 to 18000 MHz

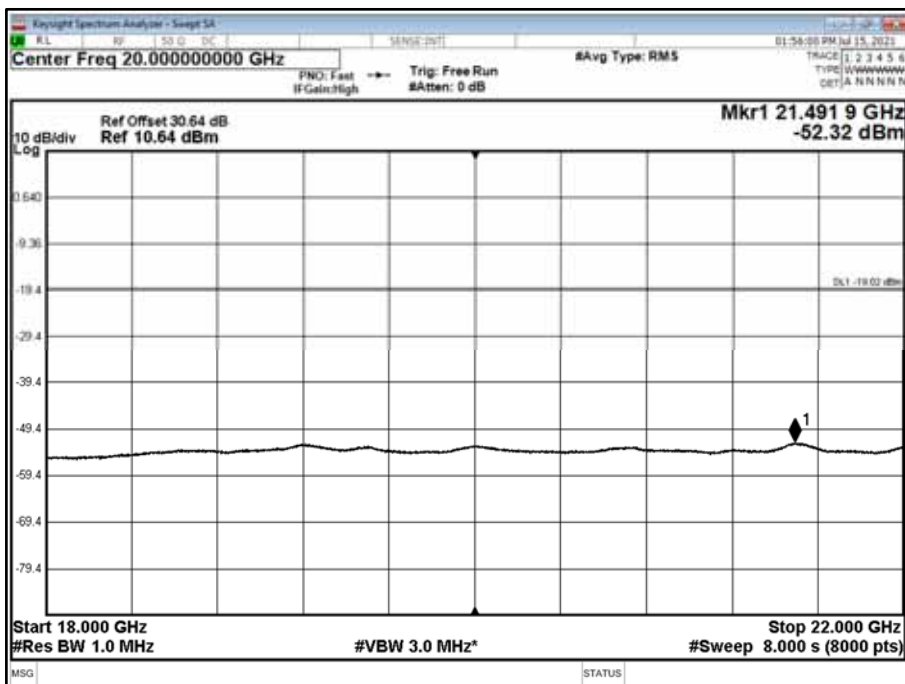




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz

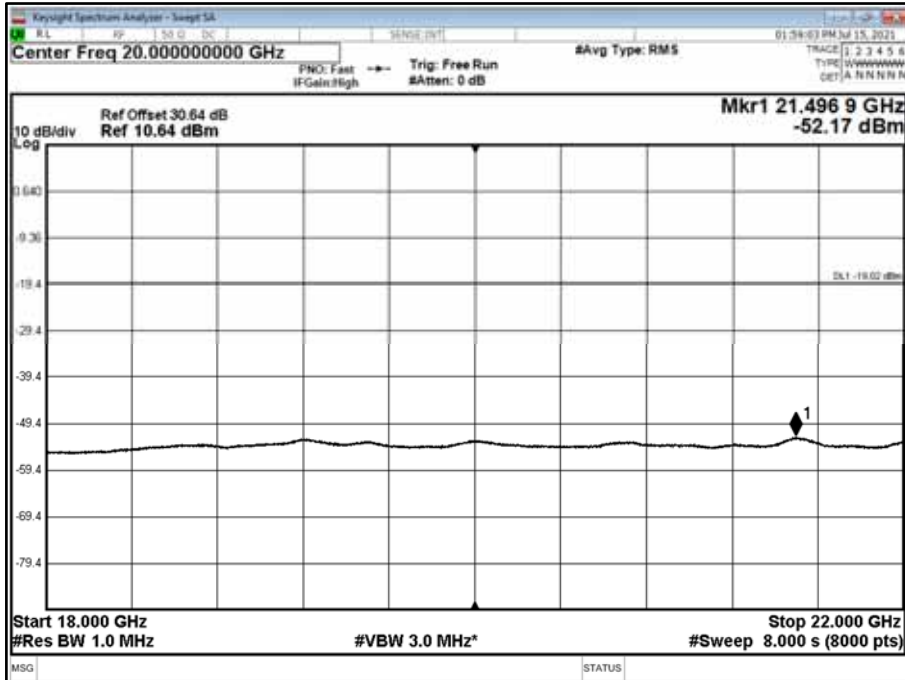


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz

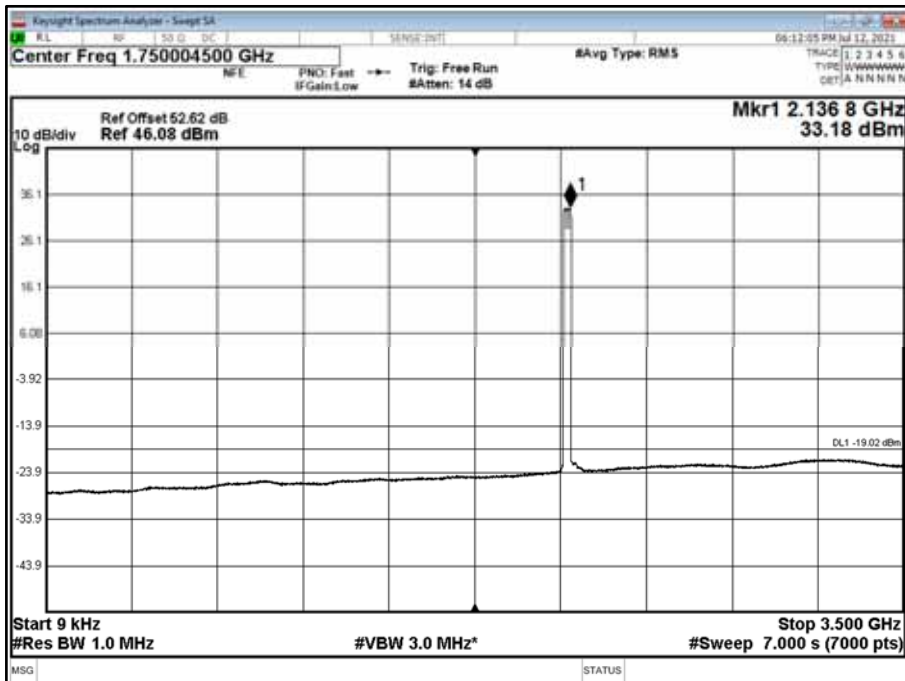




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 10/90 10.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

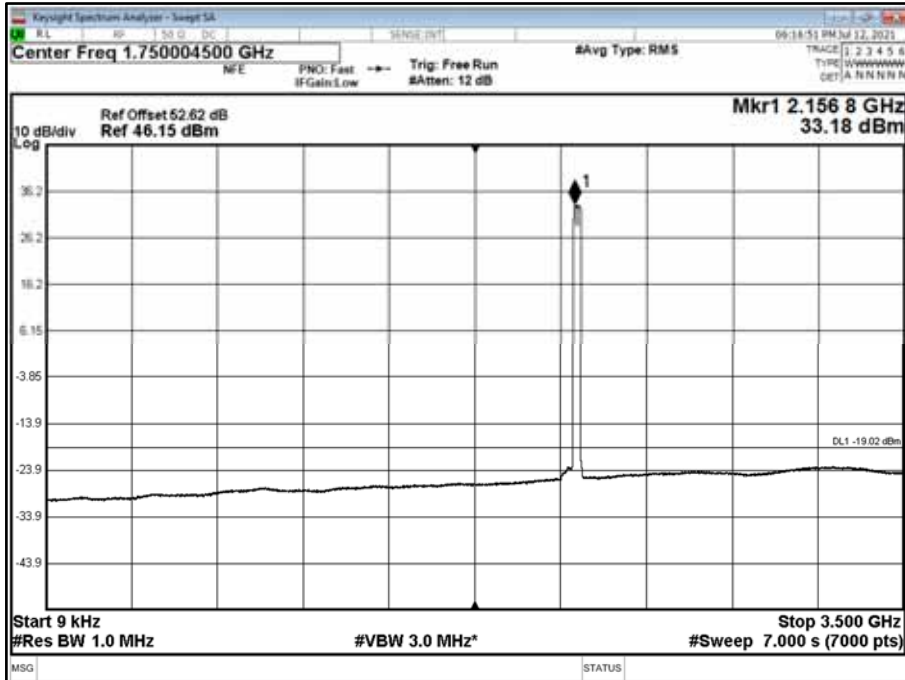


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 3500 MHz

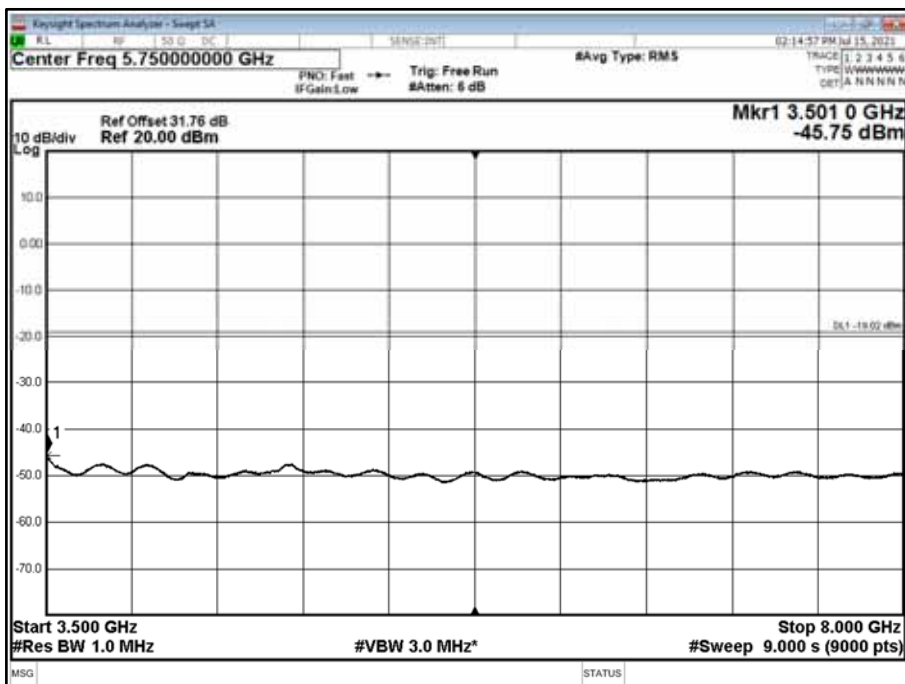




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 3500 MHz



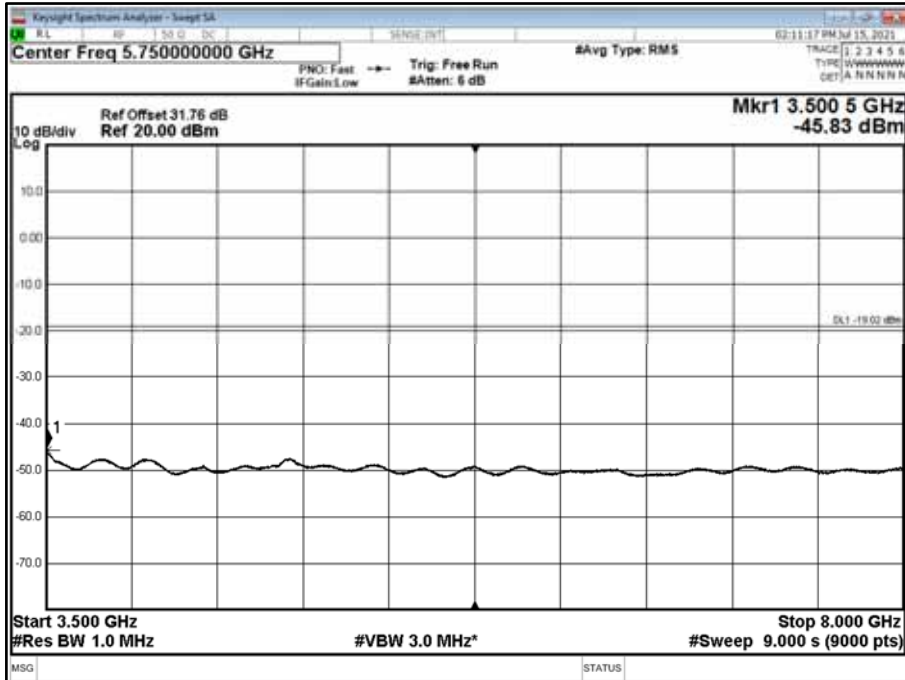
Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position B - Band 2 - Range 3500 to 8000 MHz



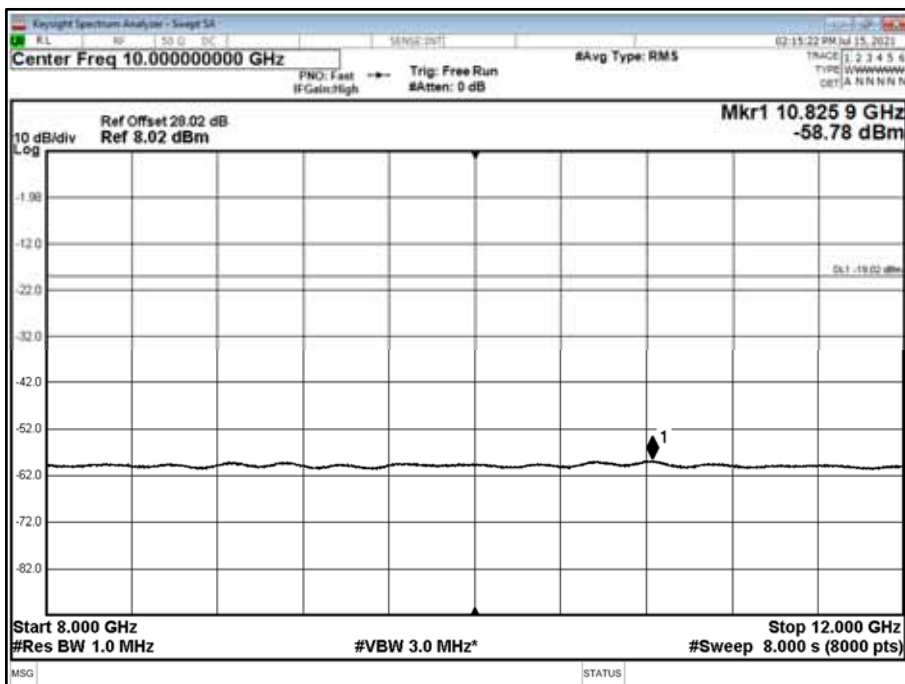




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position T - Band 2 - Range 3500 to 8000 MHz

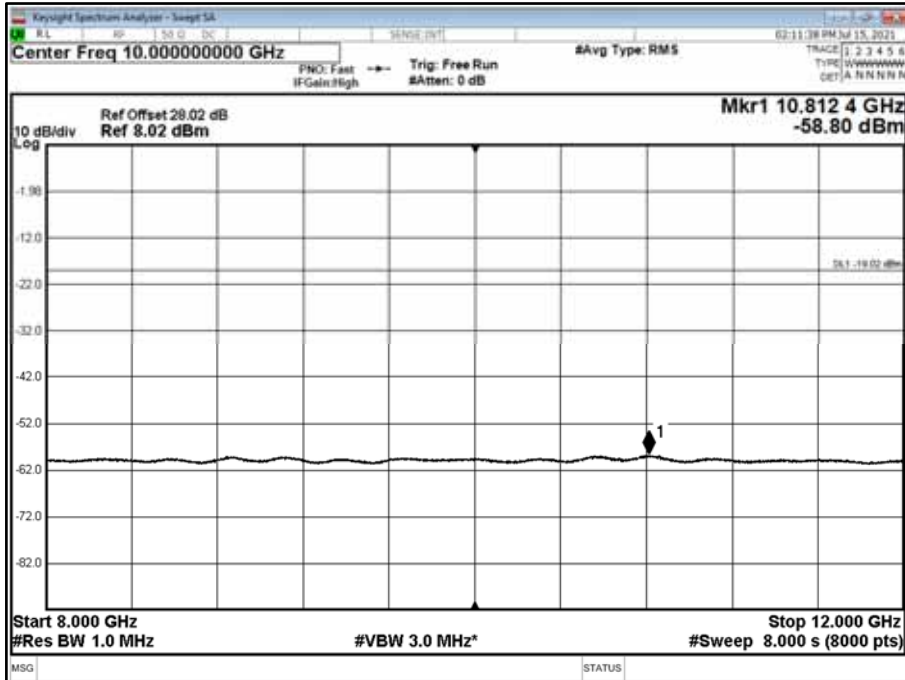


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position B - Band 3 - Range 8000 to 12000 MHz

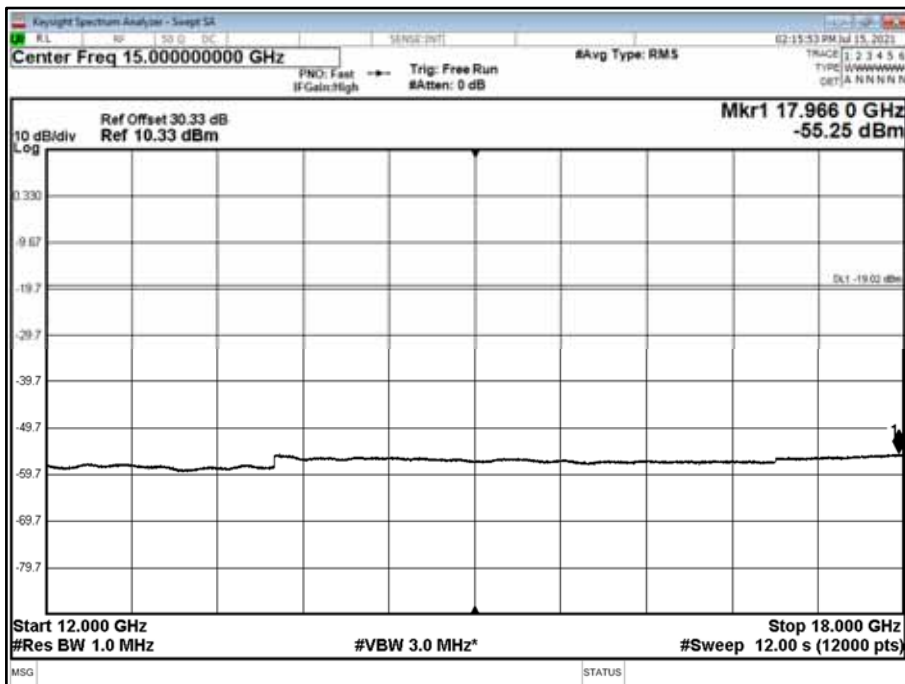




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz

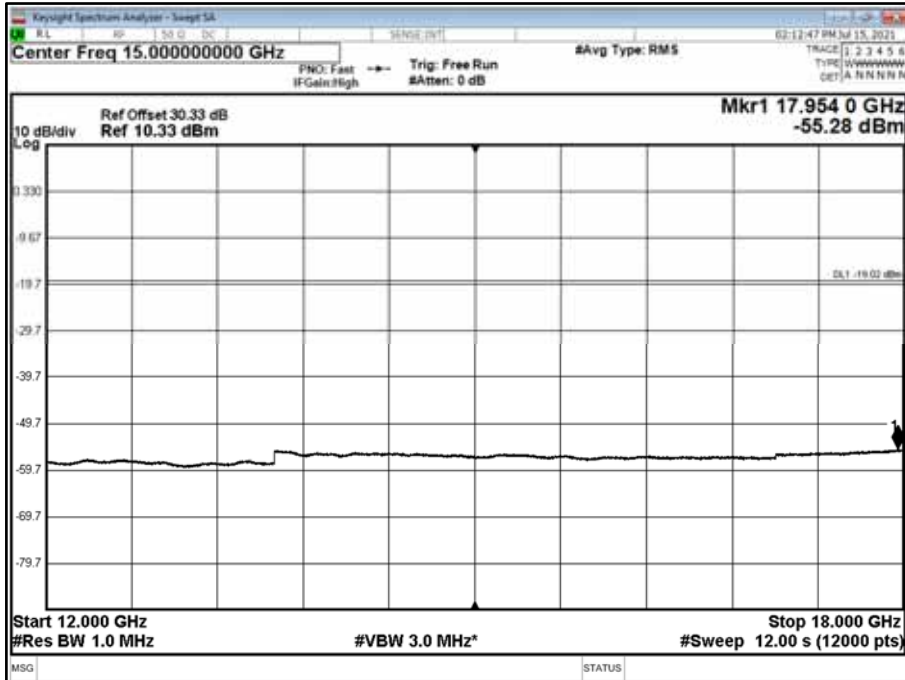


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz

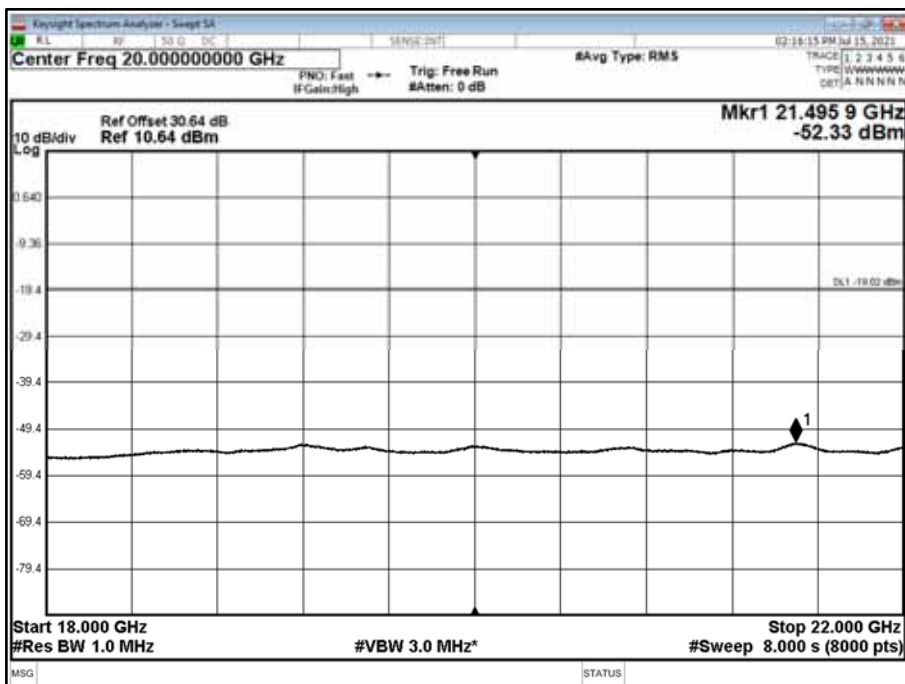




Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position T - Band 4 - Range 12000 to 18000 MHz

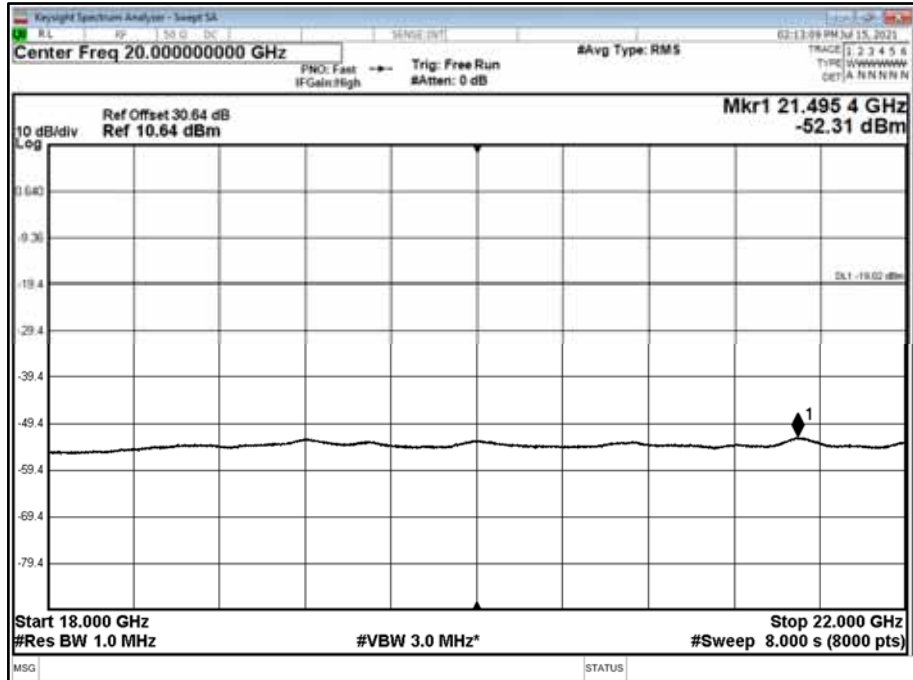


Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz





Antenna A - LTE / NR Modulation QPSK - LTE / NR Carrier Bandwidth ESS 90/10 10.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

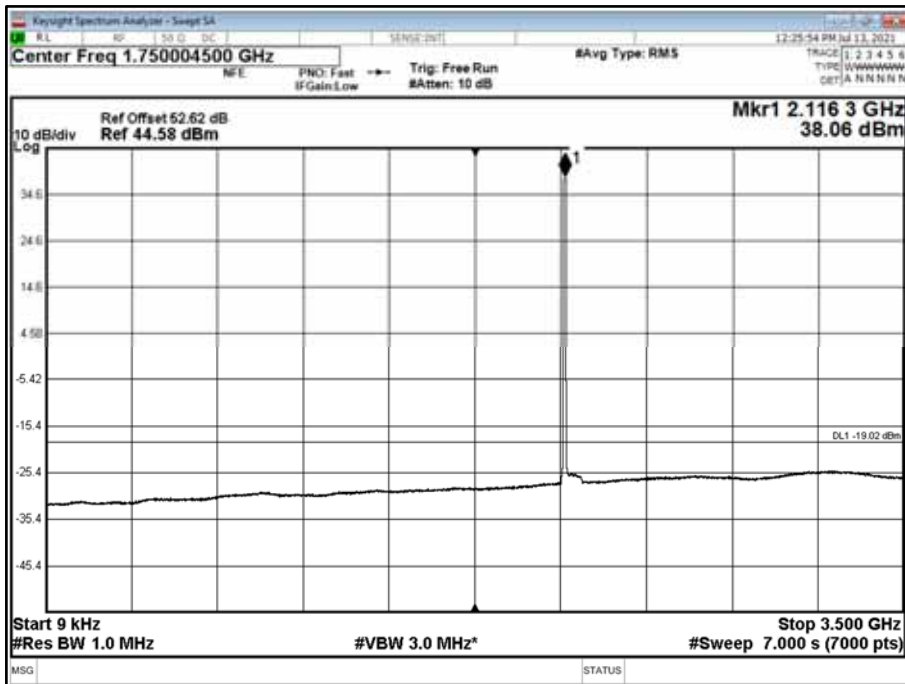




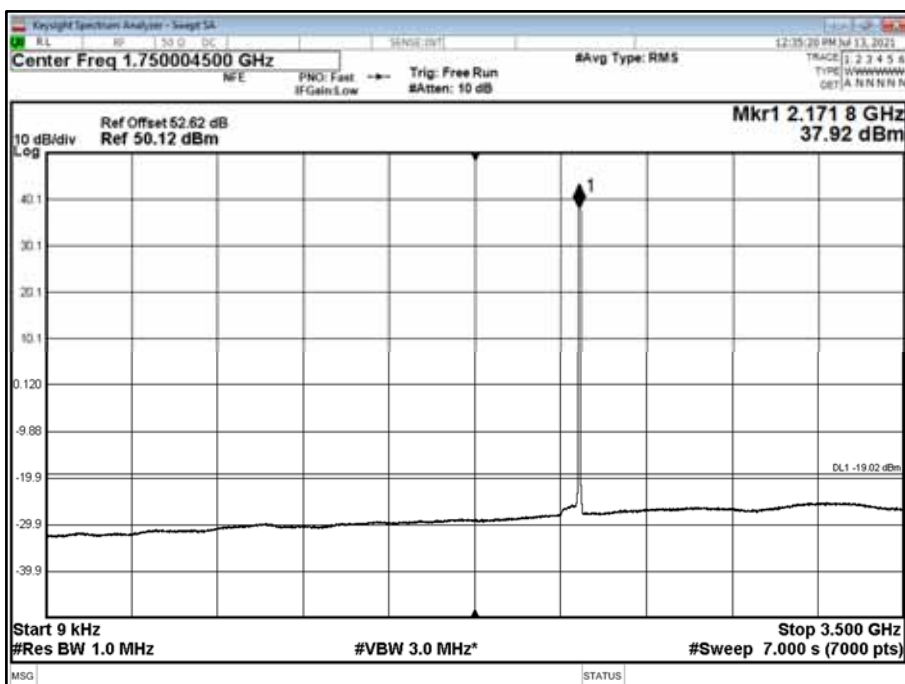
Configuration 3

Maximum Output Power dBm

Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 3500 MHz

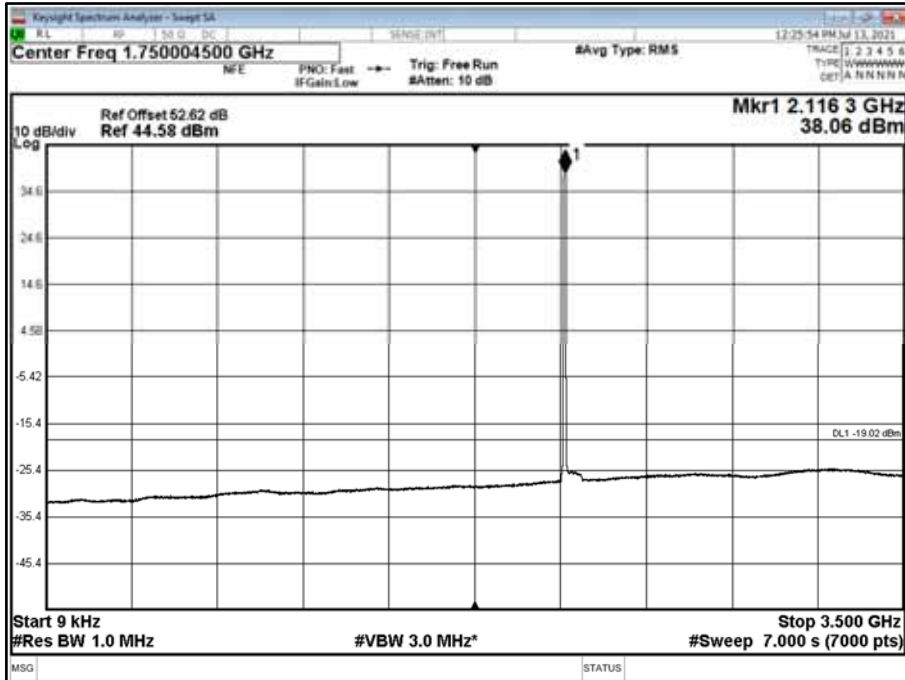


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 3500 MHz

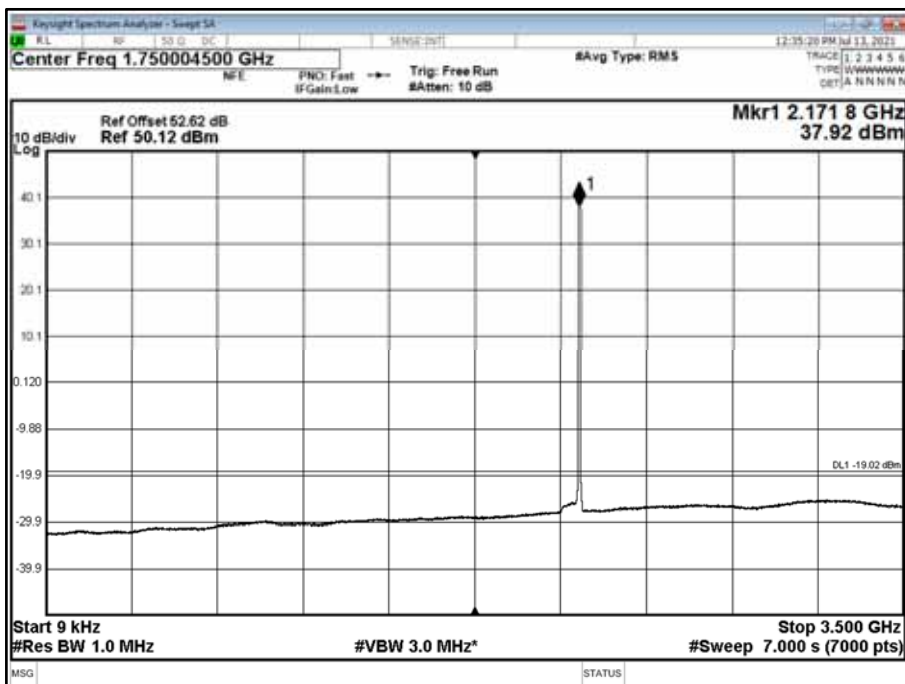




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 3500 MHz

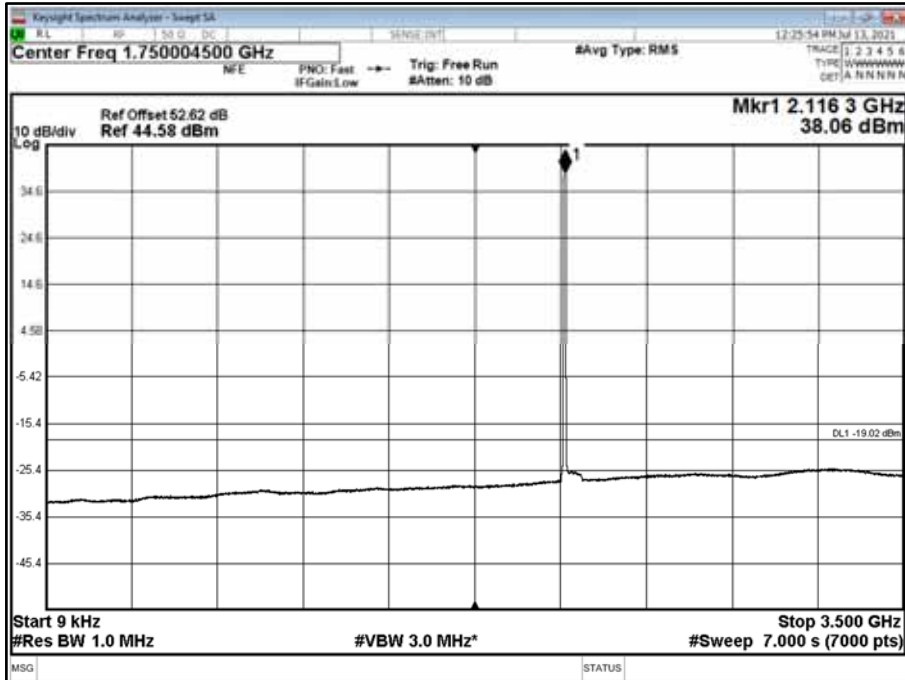


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 3500 MHz

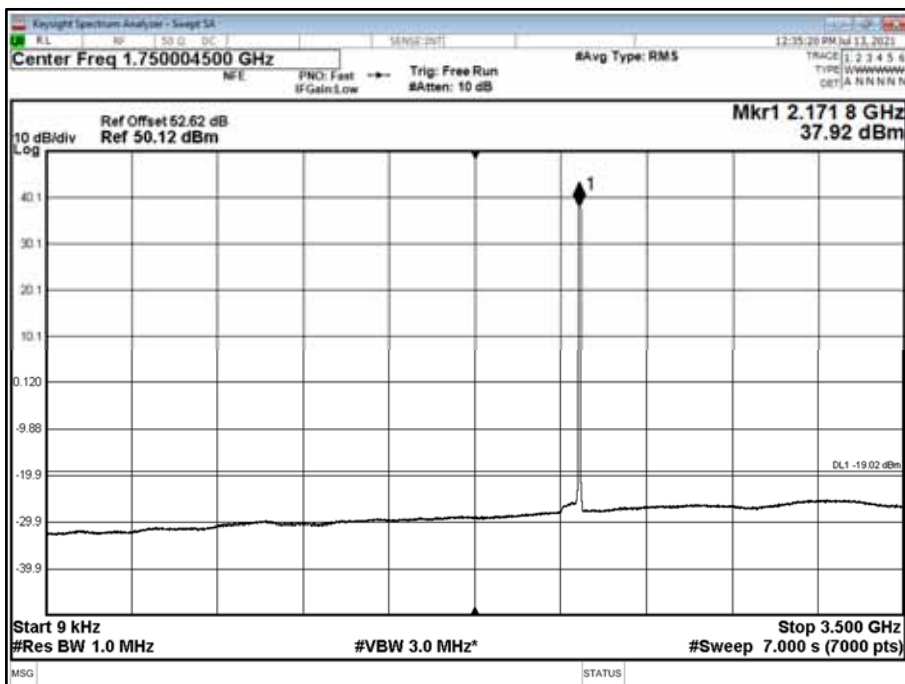




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 3500 MHz

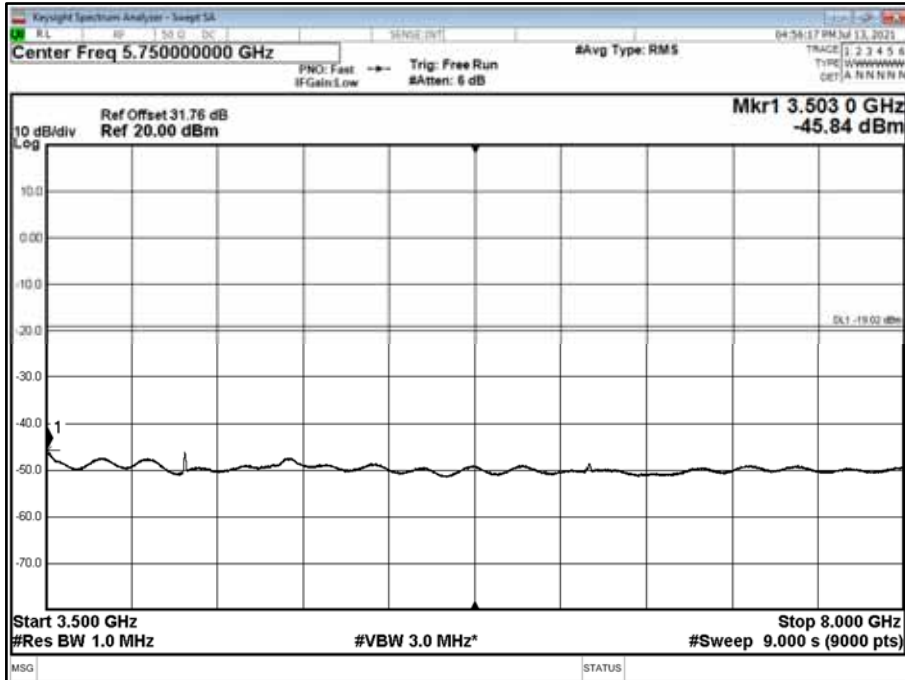


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 3500 MHz

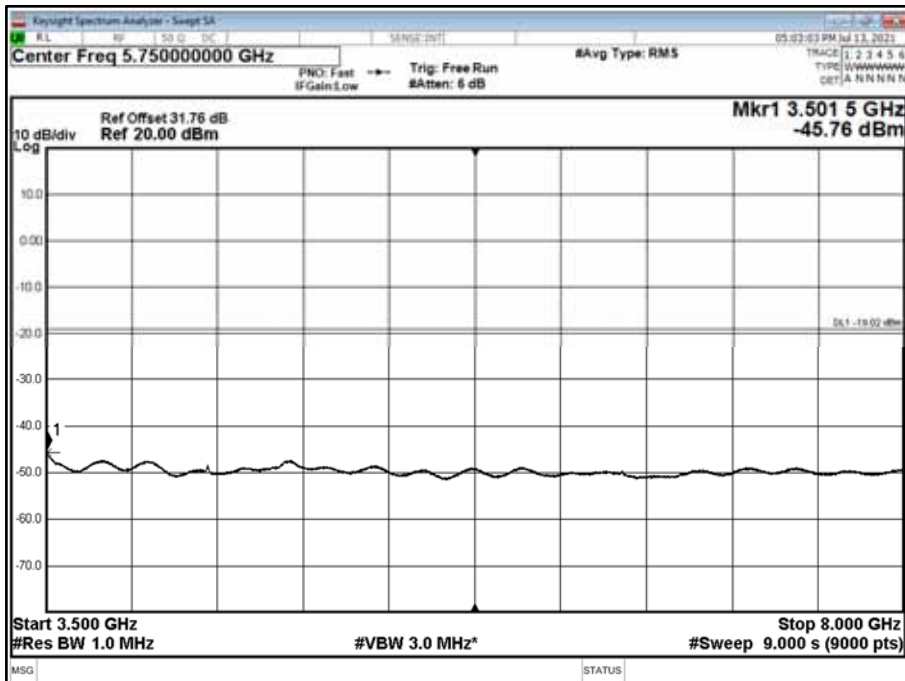




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 2 - Range 3500 to 8000 MHz



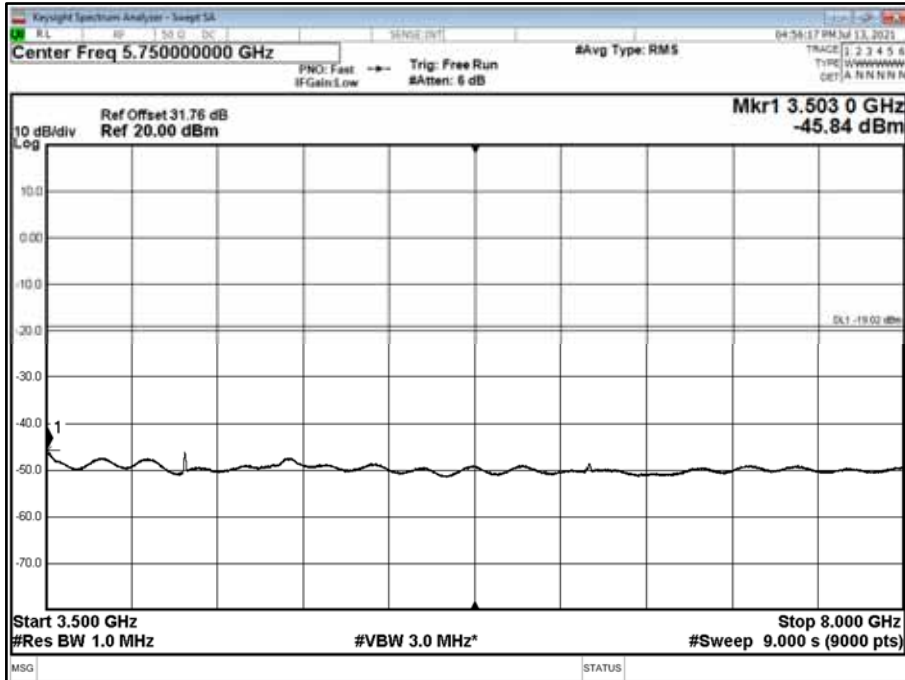
Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 2 - Range 3500 to 8000 MHz



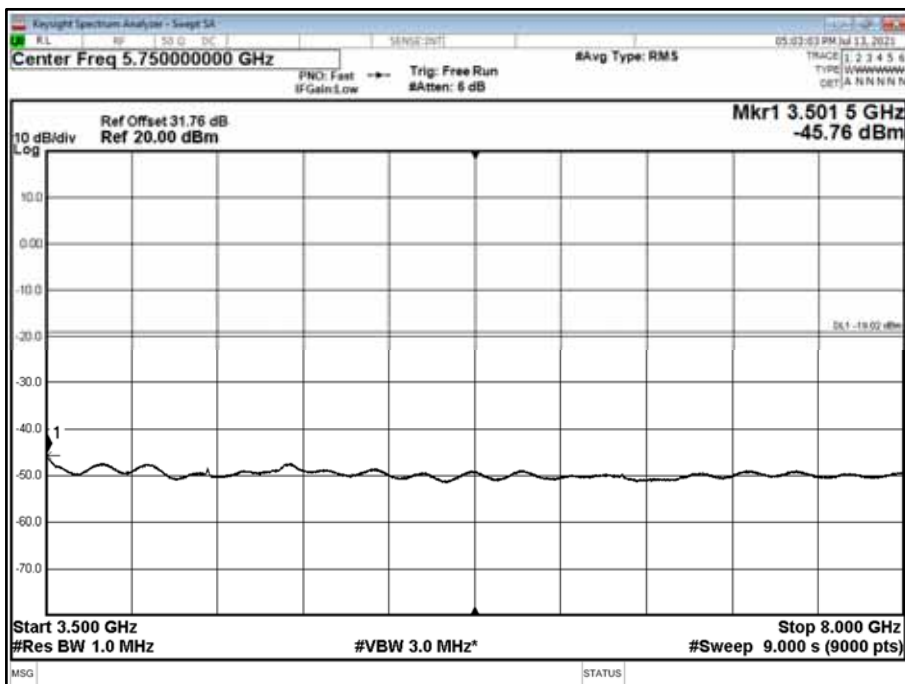




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 2 - Range 3500 to 8000 MHz

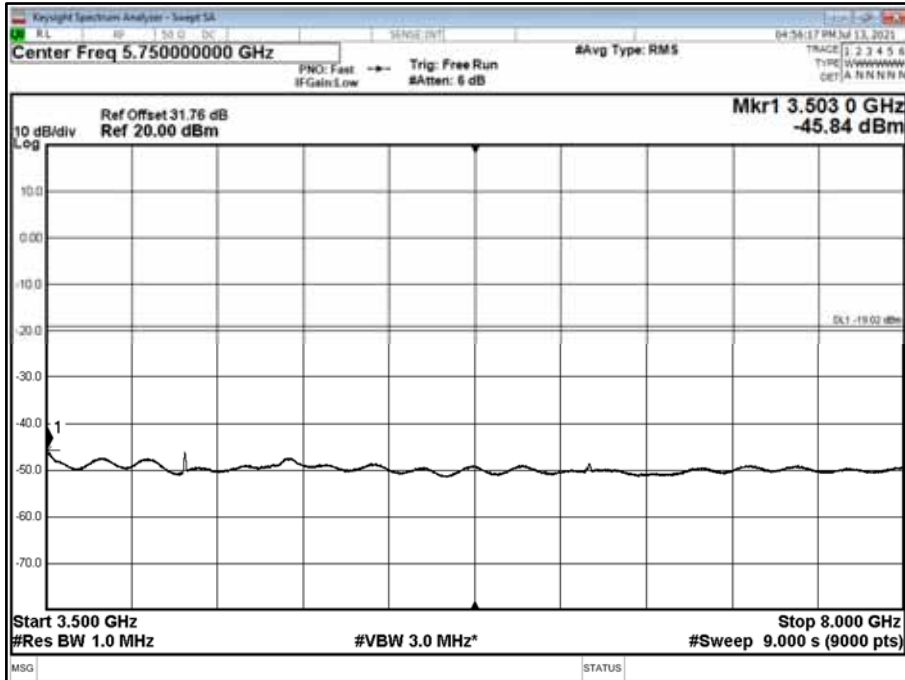


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 2 - Range 3500 to 8000 MHz

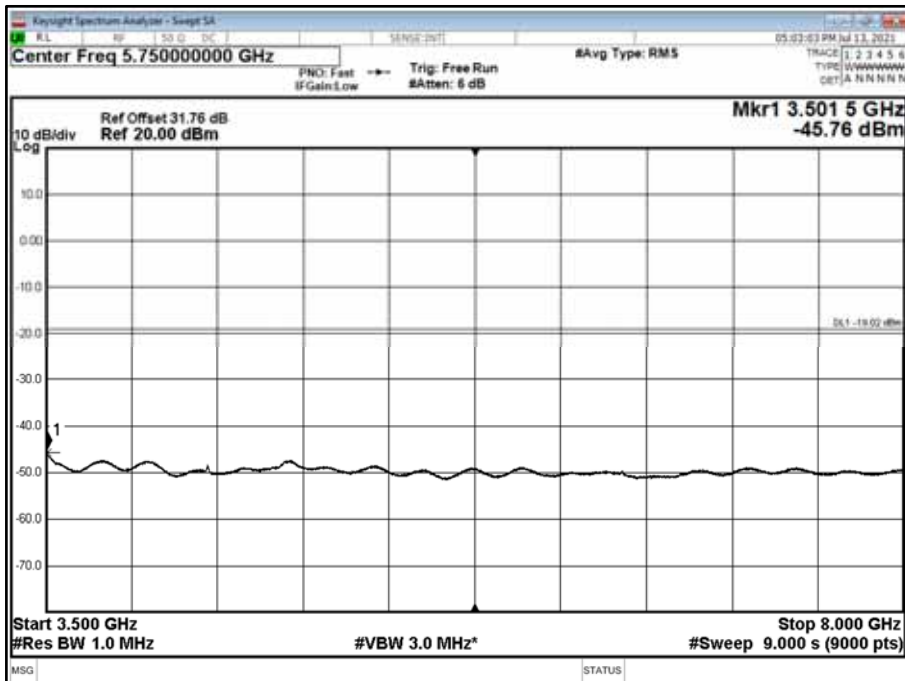




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 2 - Range 3500 to 8000 MHz

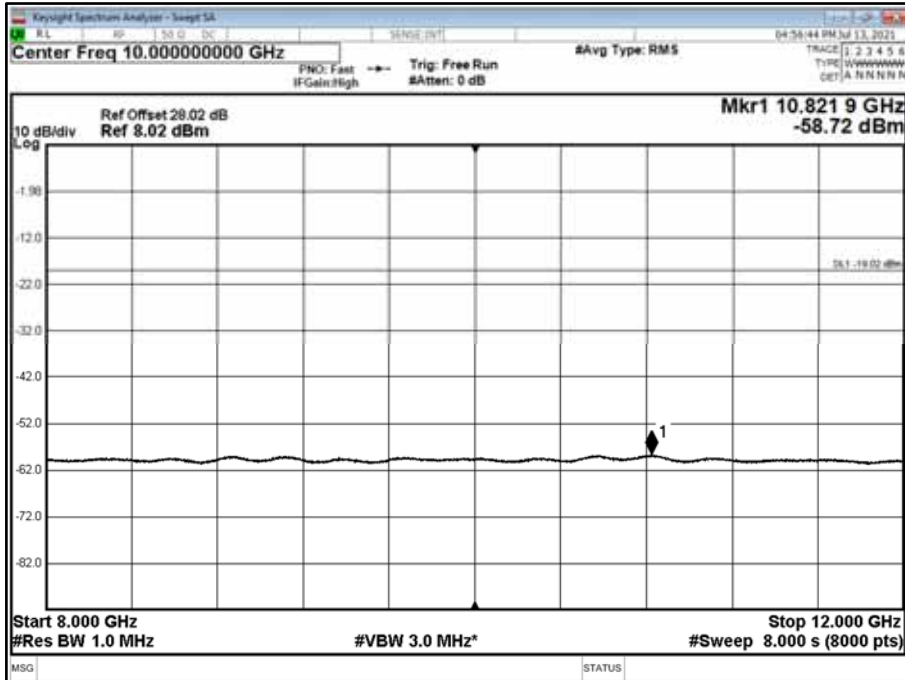


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 2 - Range 3500 to 8000 MHz

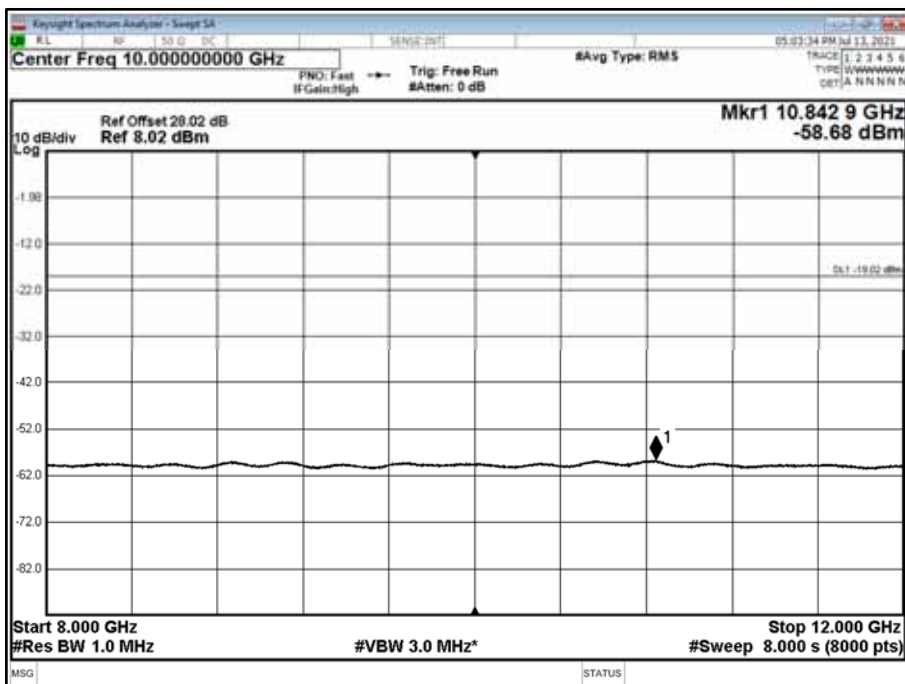




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 3 - Range 8000 to 12000 MHz

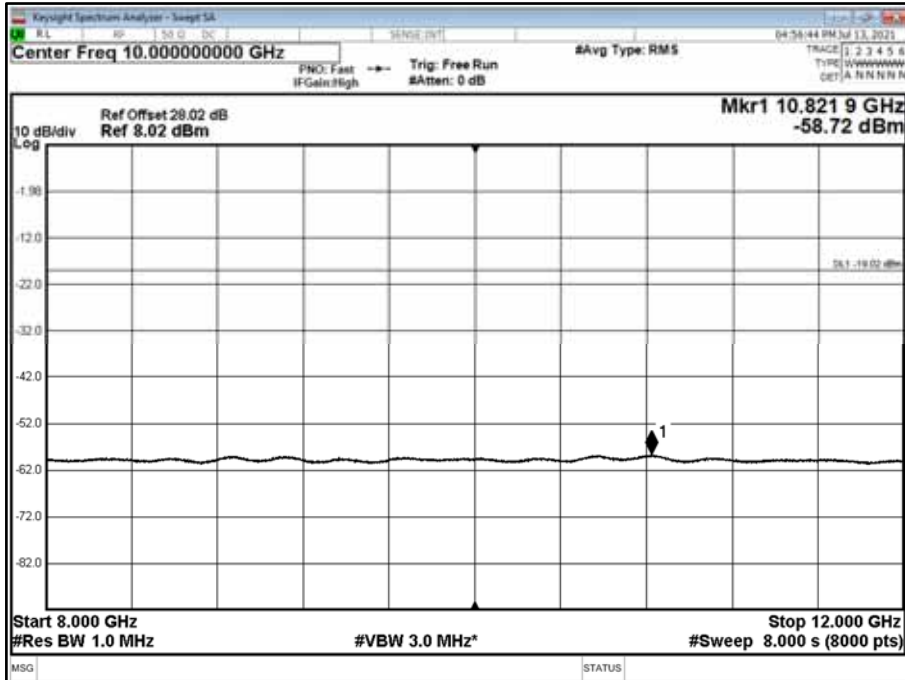


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz

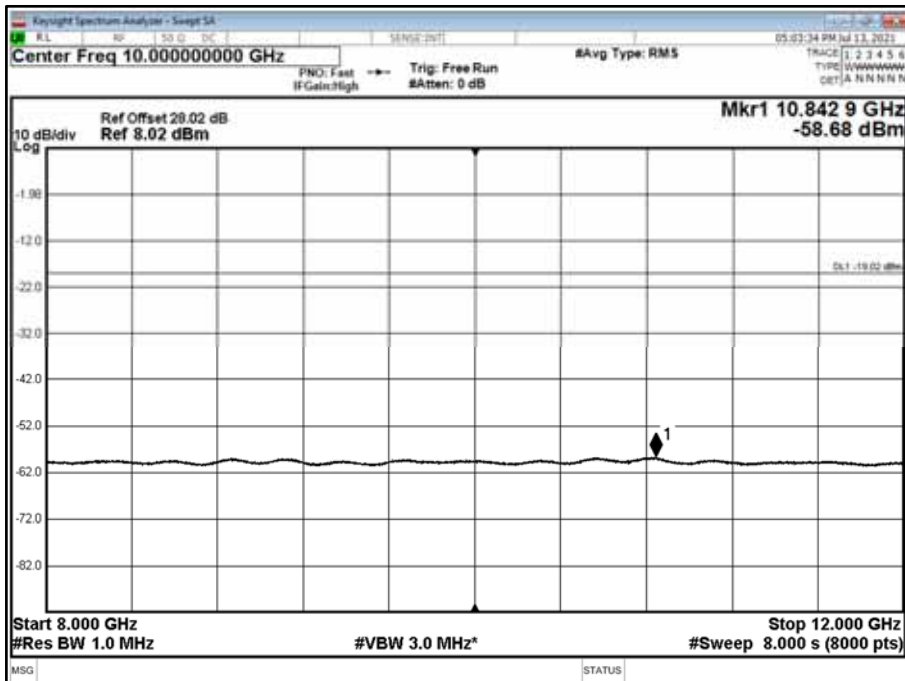




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 3 - Range 8000 to 12000 MHz

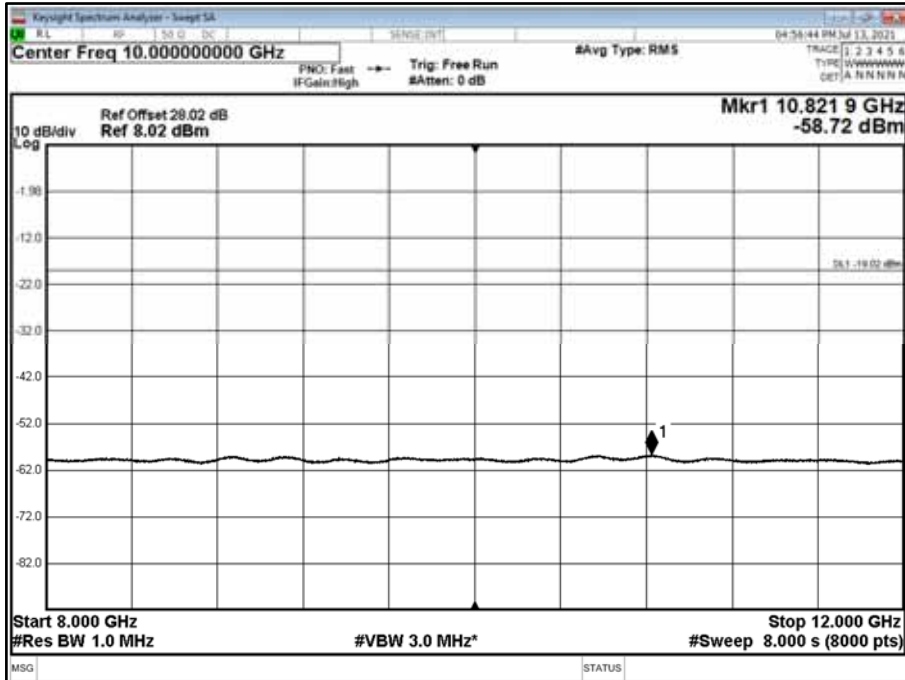


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz

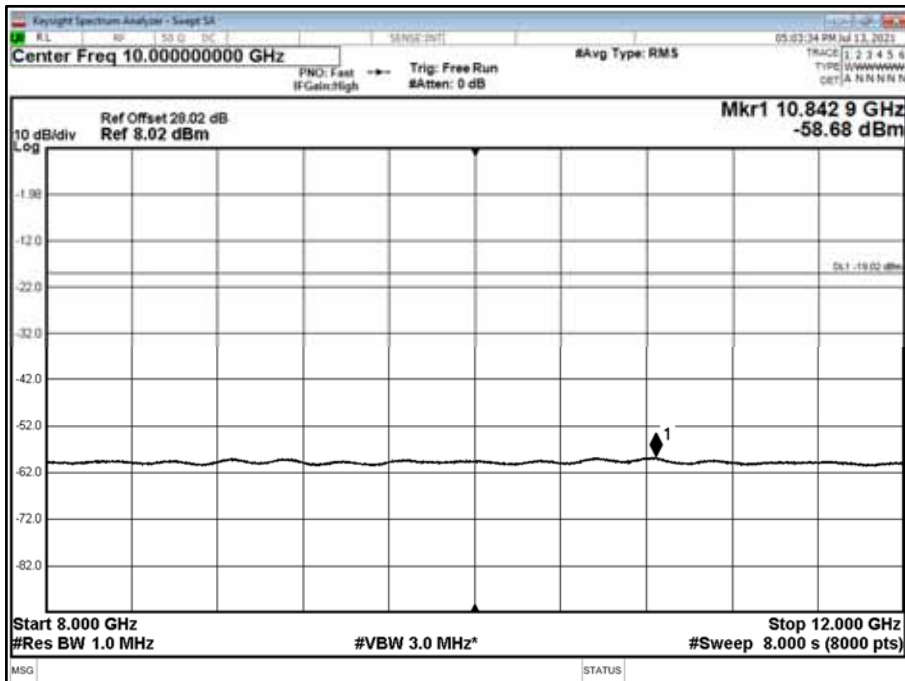




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 3 - Range 8000 to 12000 MHz

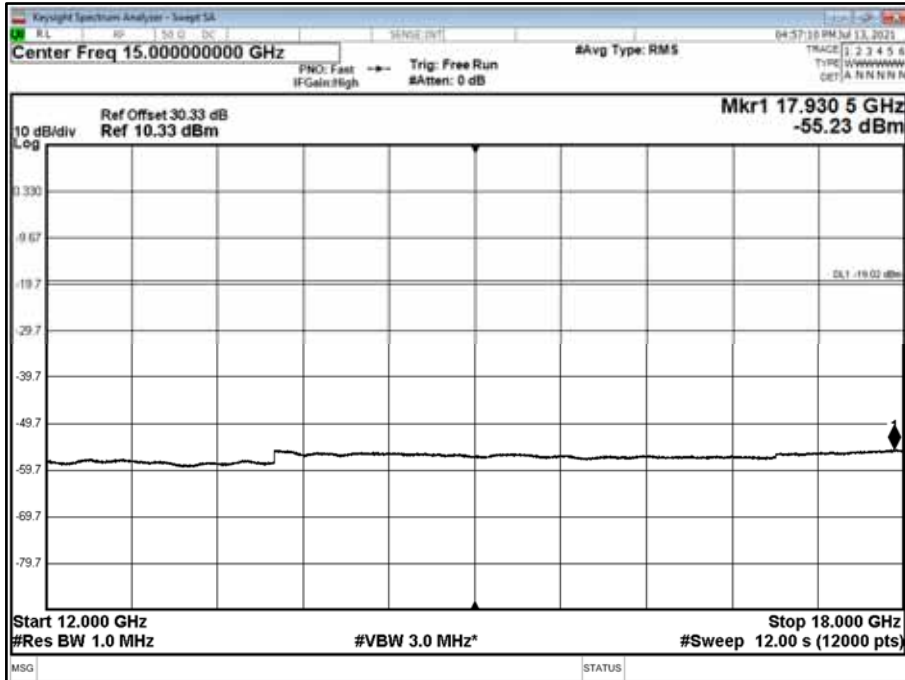


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz

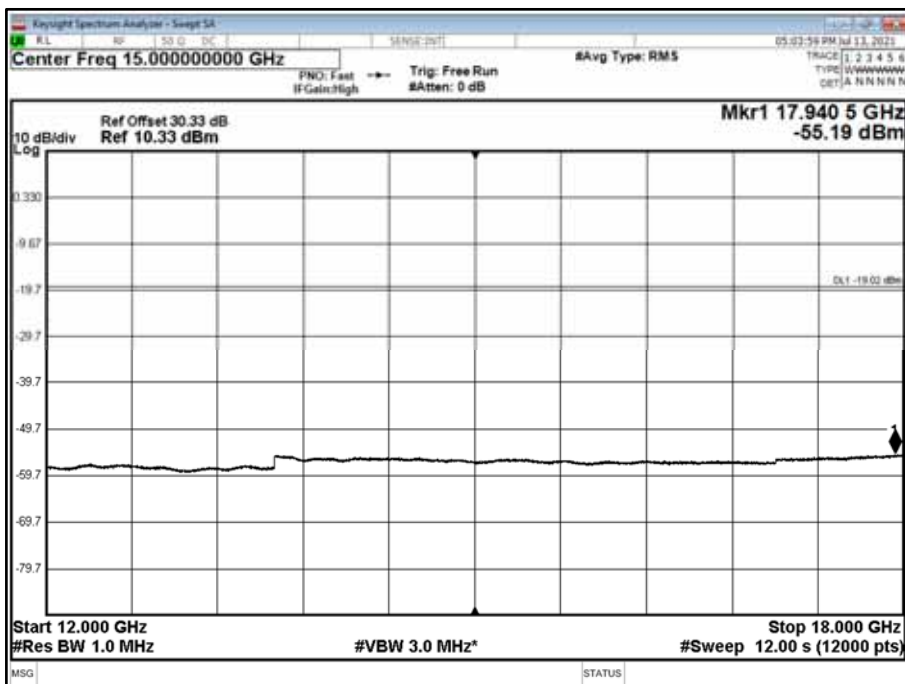




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz

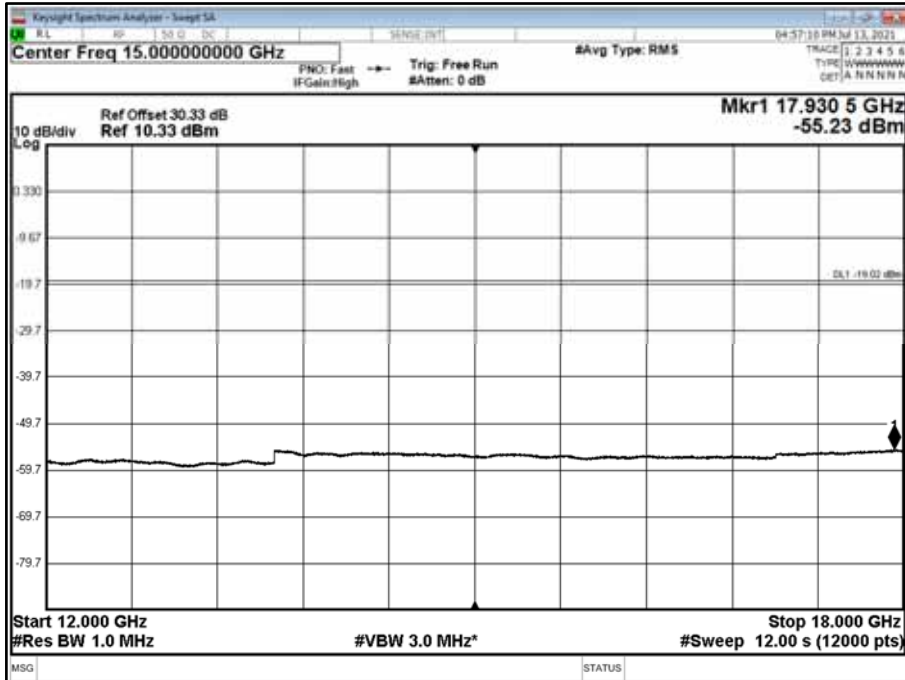


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 4 - Range 12000 to 18000 MHz

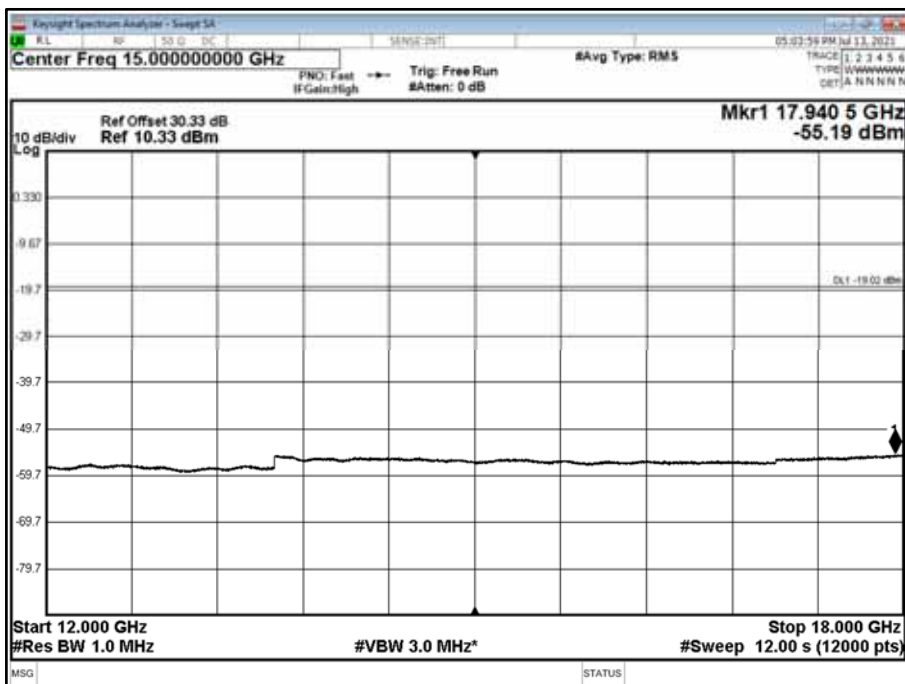




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz

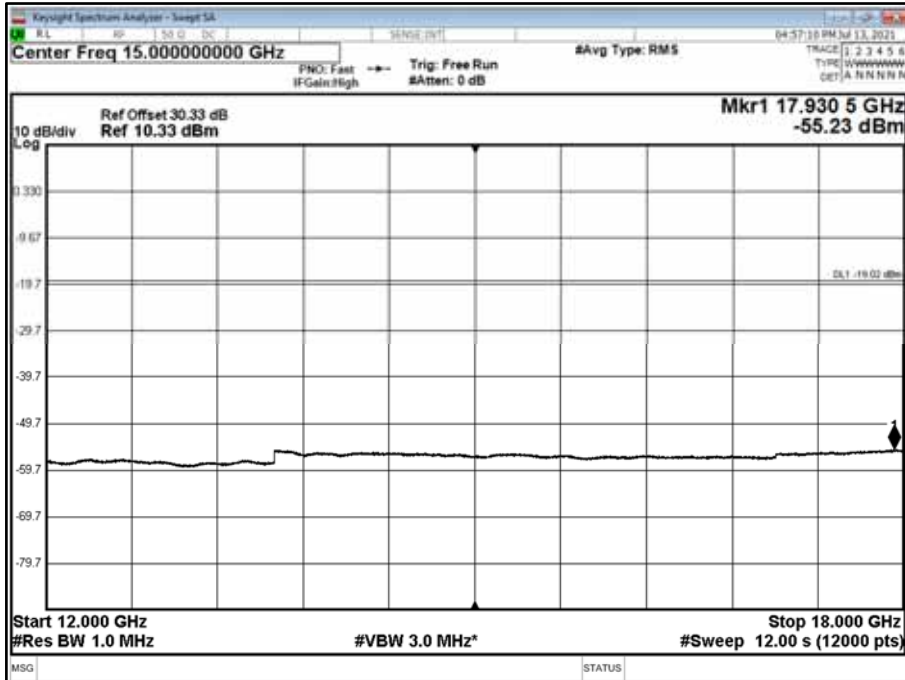


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 4 - Range 12000 to 18000 MHz

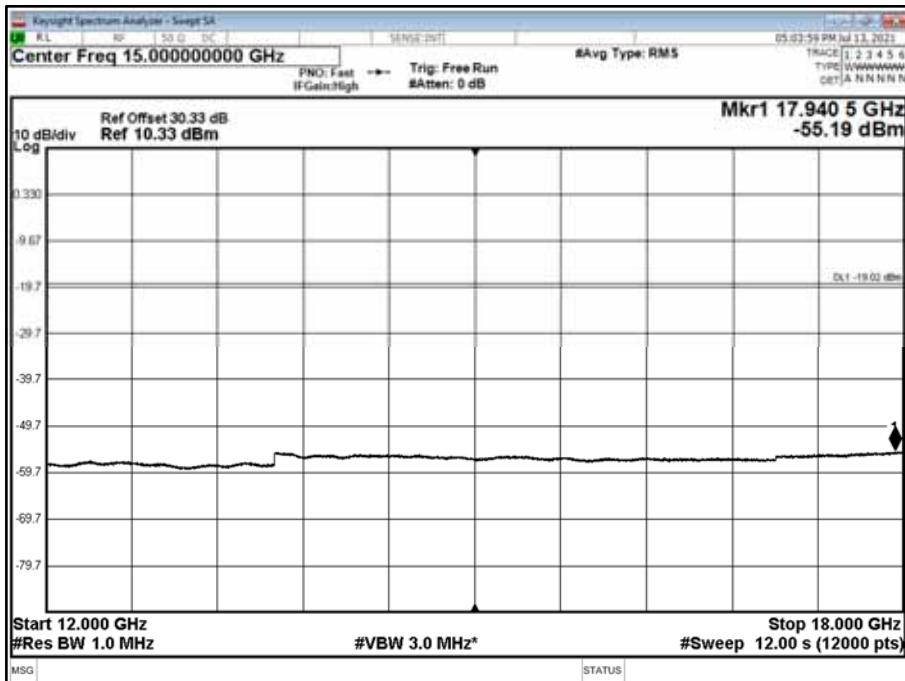




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz



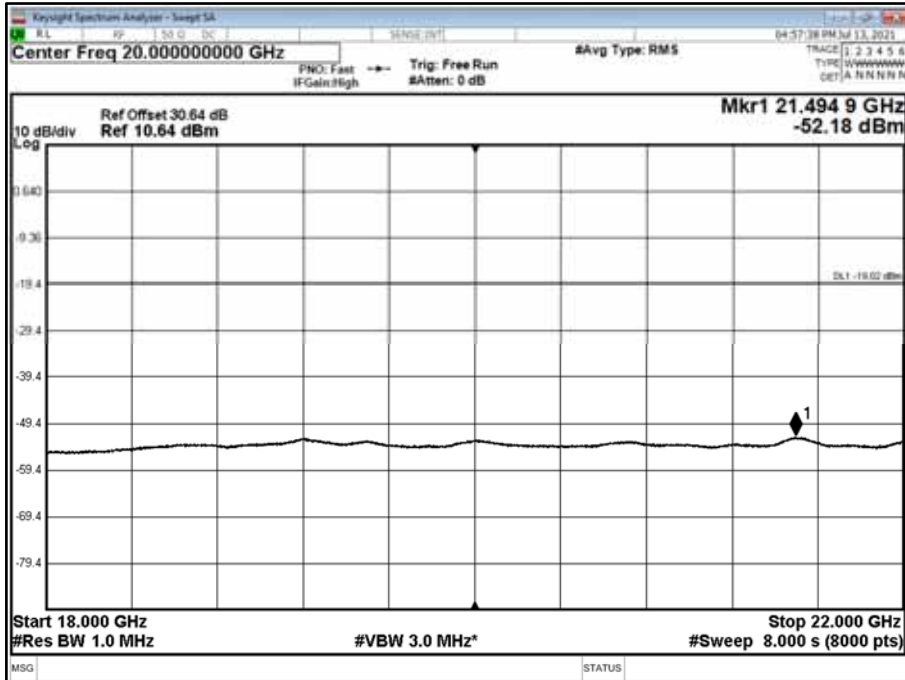
Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 4 - Range 12000 to 18000 MHz



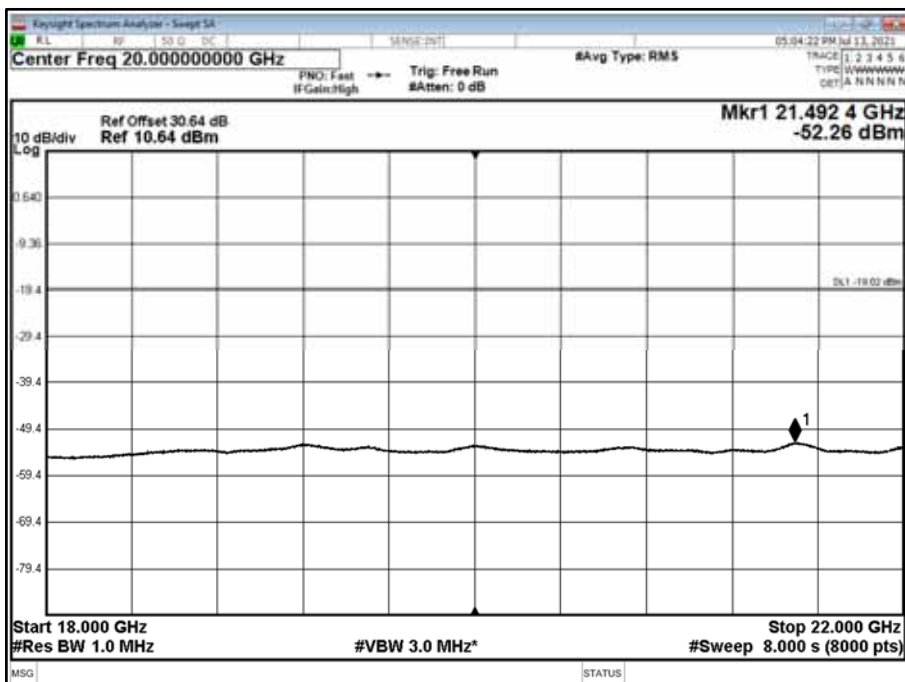




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz

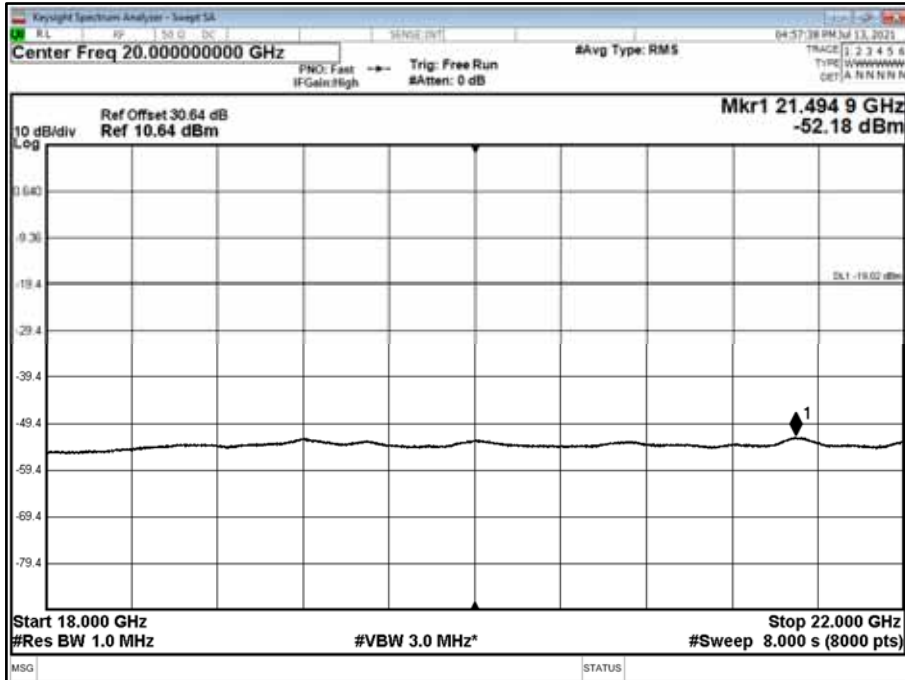


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

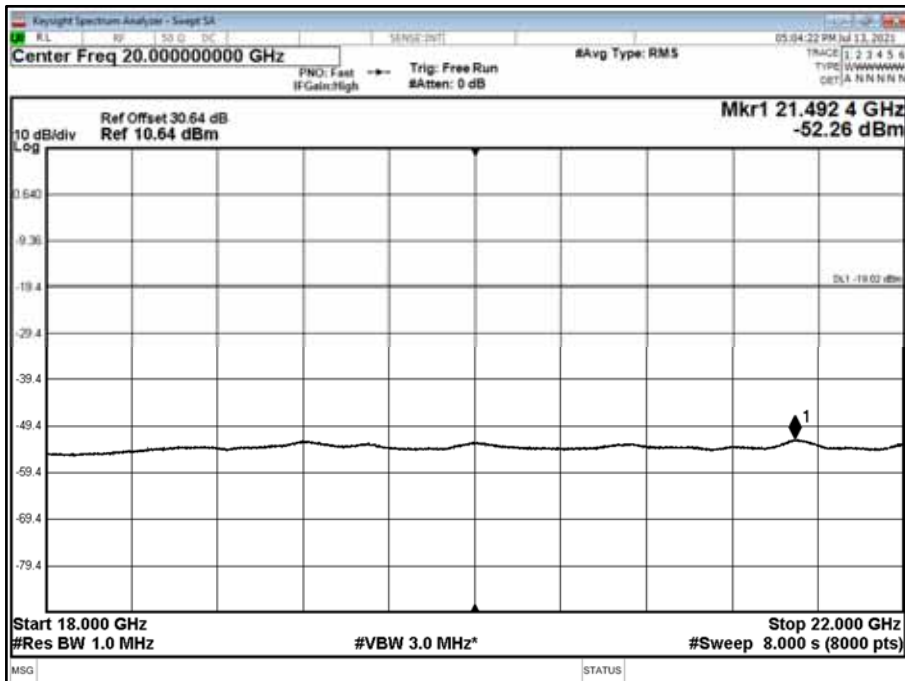




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz

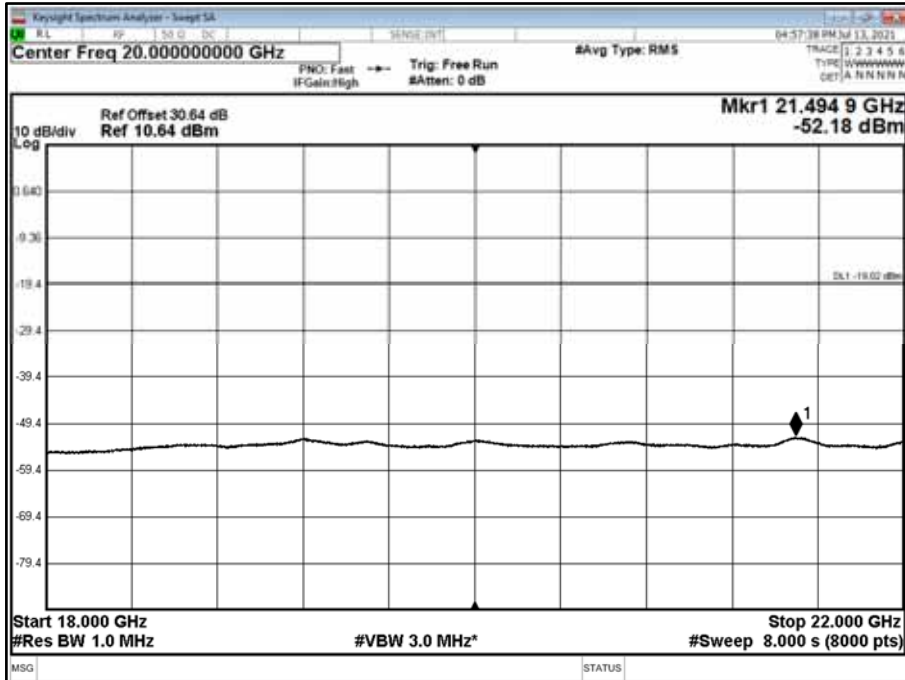


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

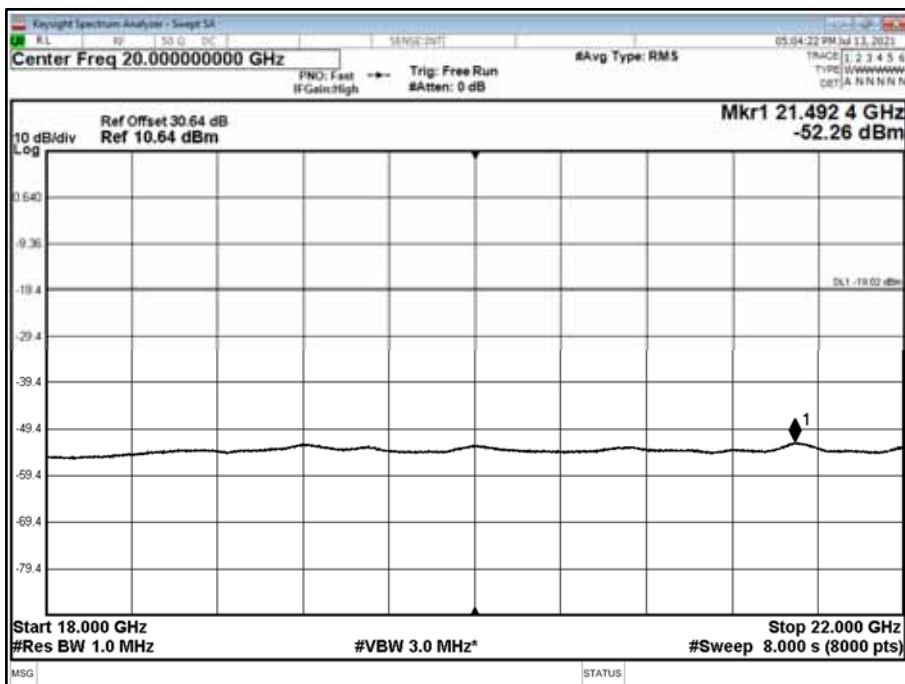




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz



Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz

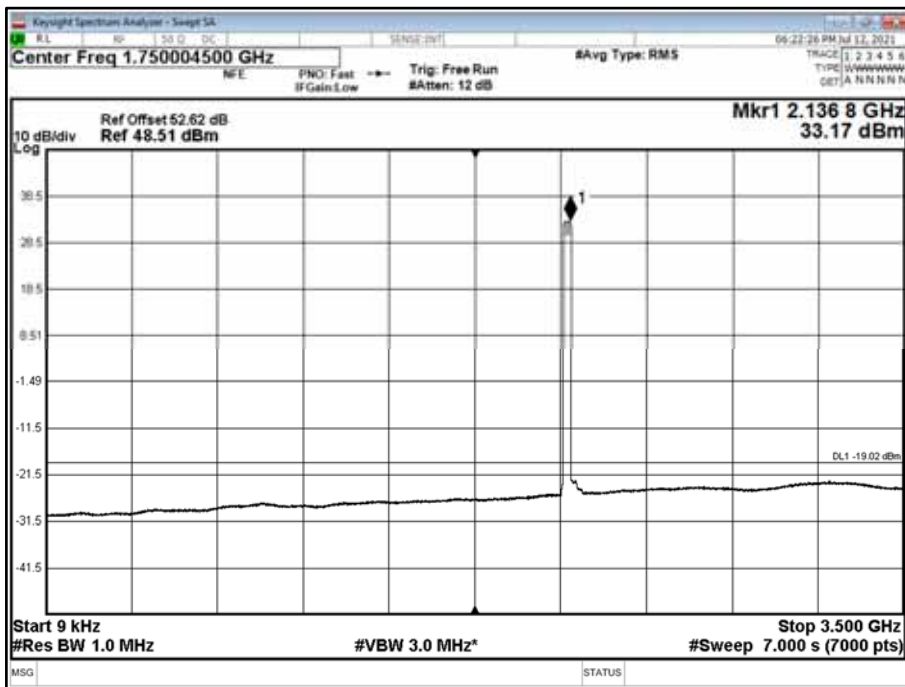




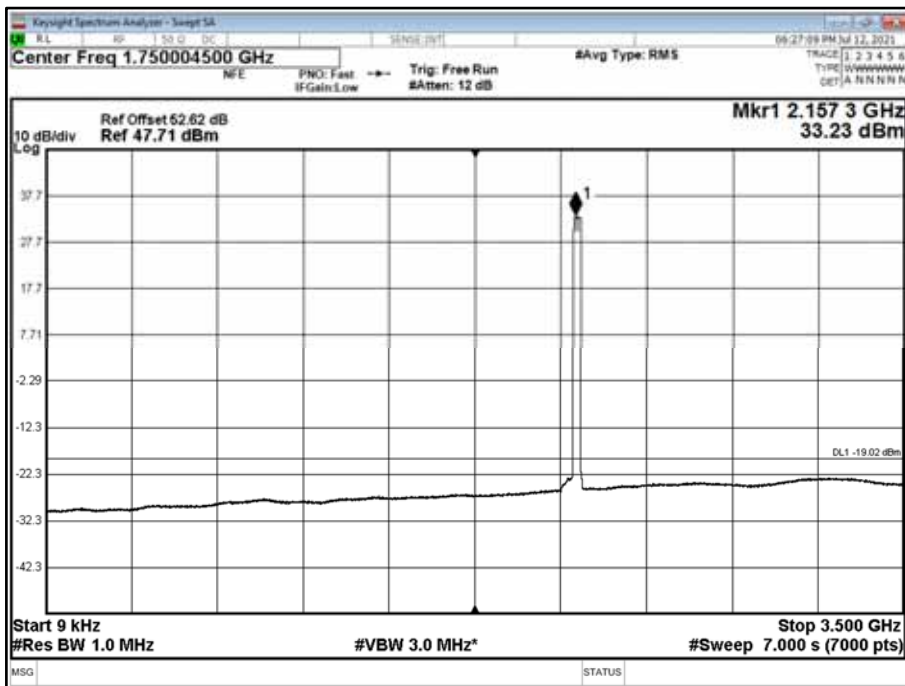
Configuration 4

Maximum Output Power dBm

Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 3500 MHz

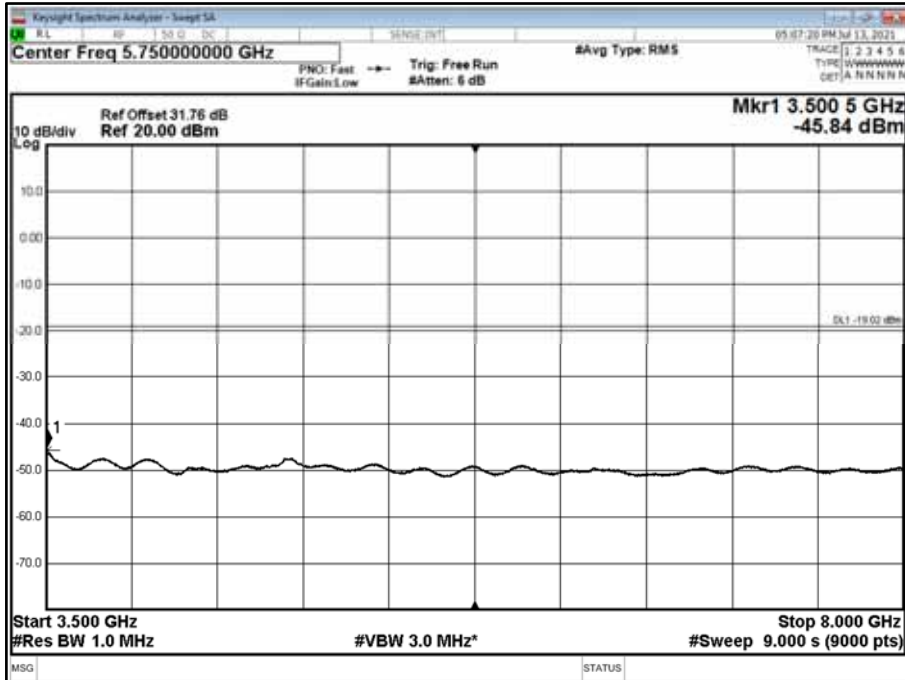


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 3500 MHz

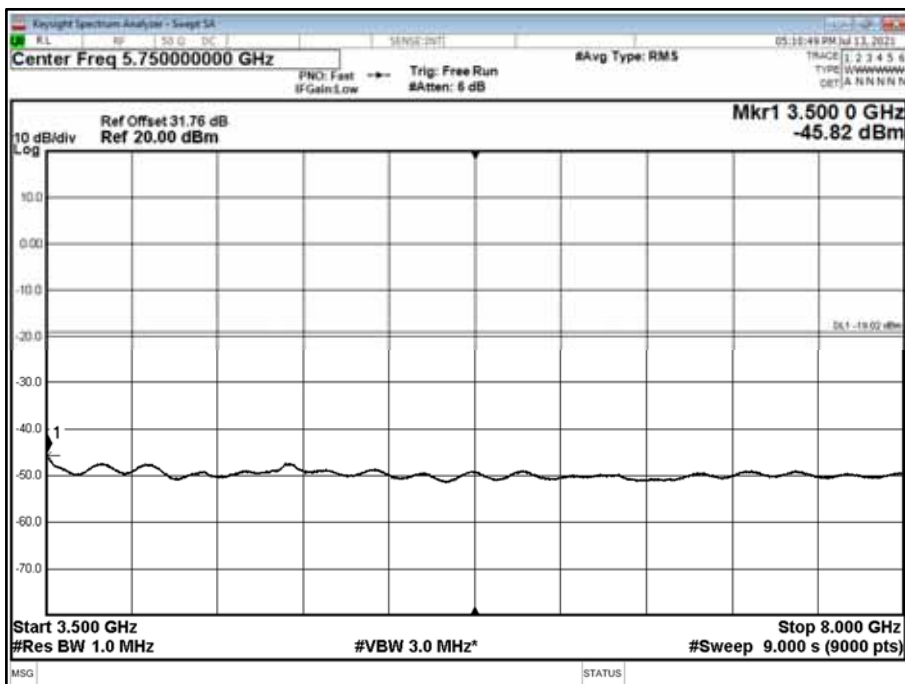




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 2 - Range 3500 to 8000 MHz

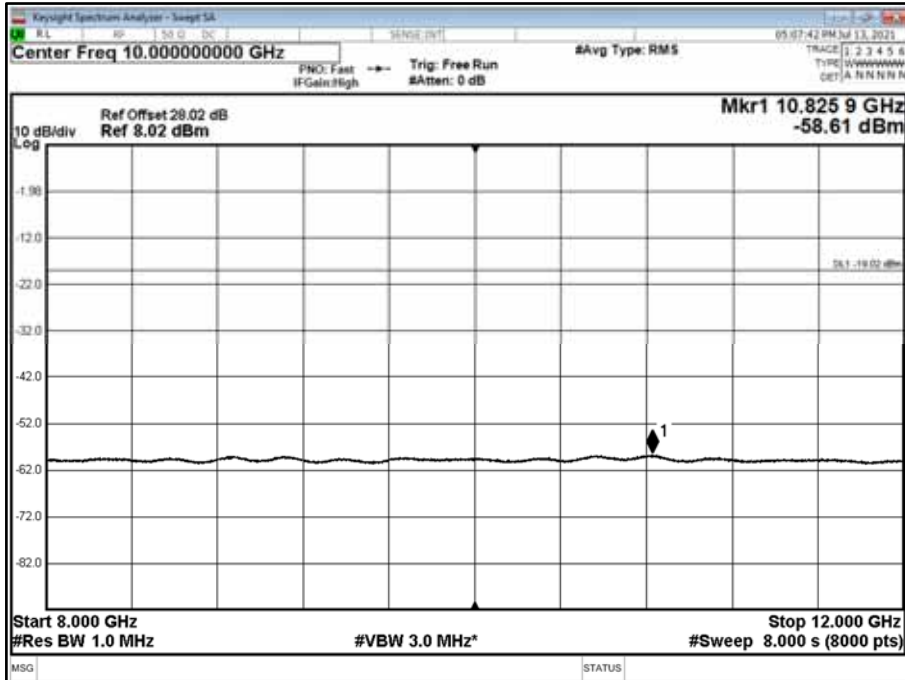


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 2 - Range 3500 to 8000 MHz

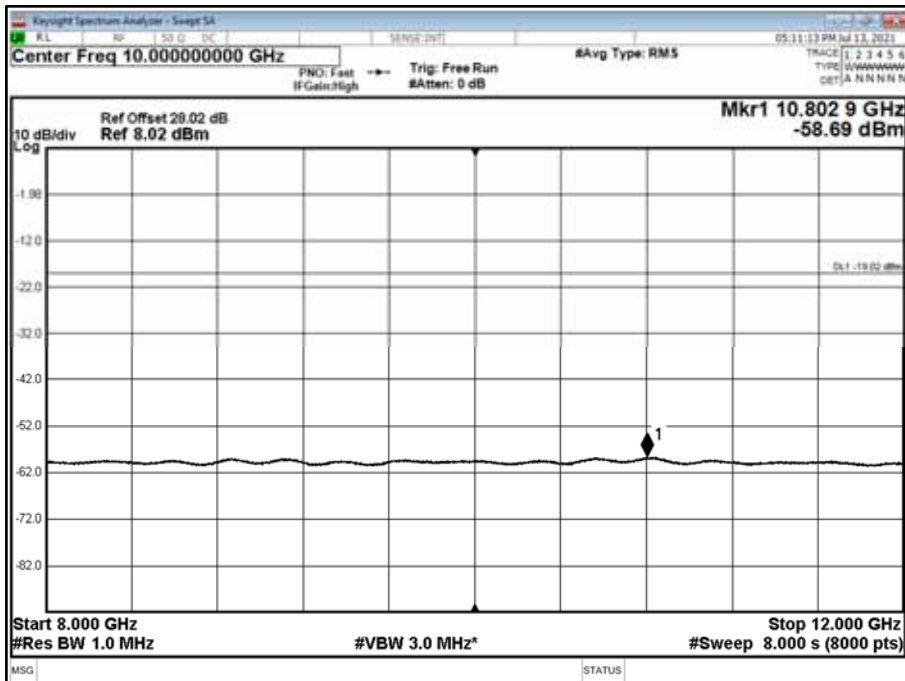




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 3 - Range 8000 to 12000 MHz

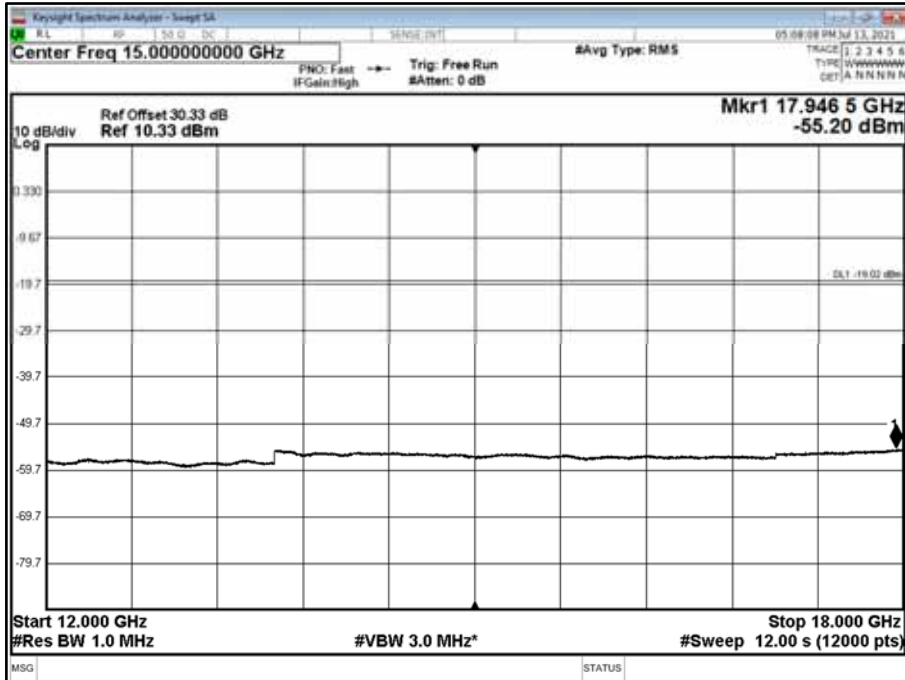


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 3 - Range 8000 to 12000 MHz

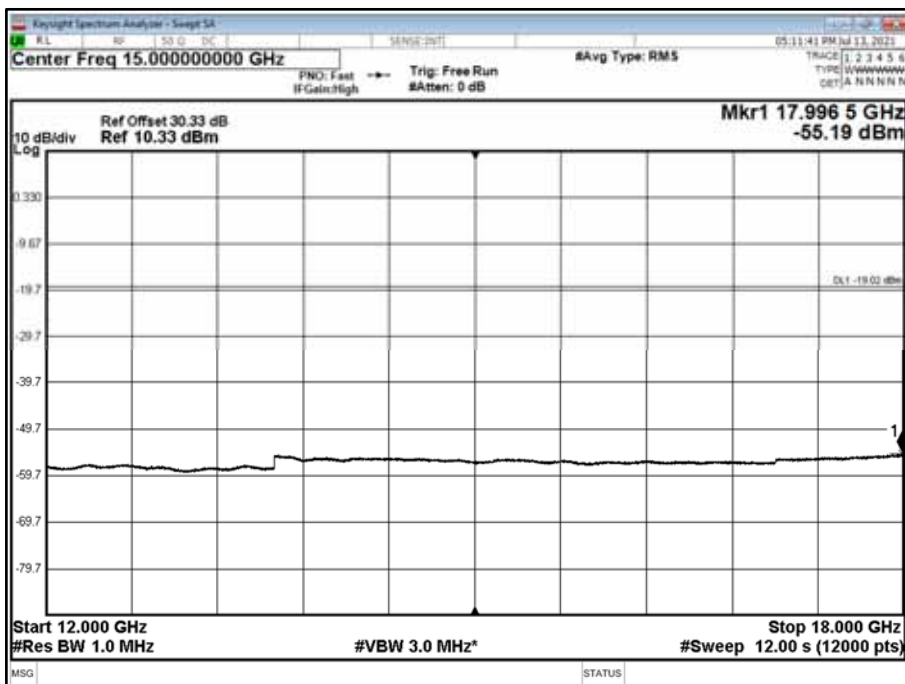




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 4 - Range 12000 to 18000 MHz

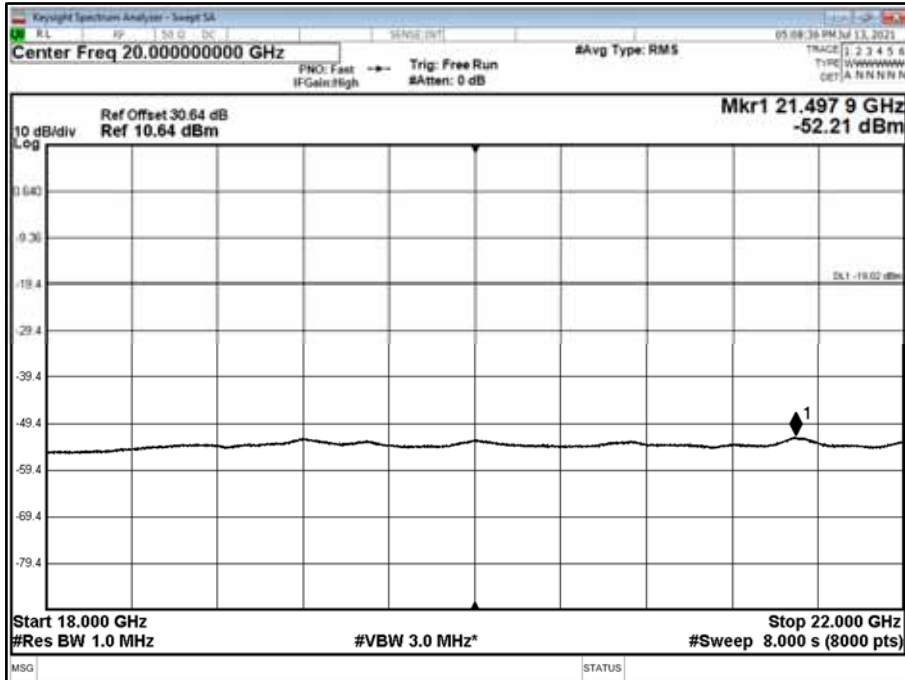


Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 4 - Range 12000 to 18000 MHz

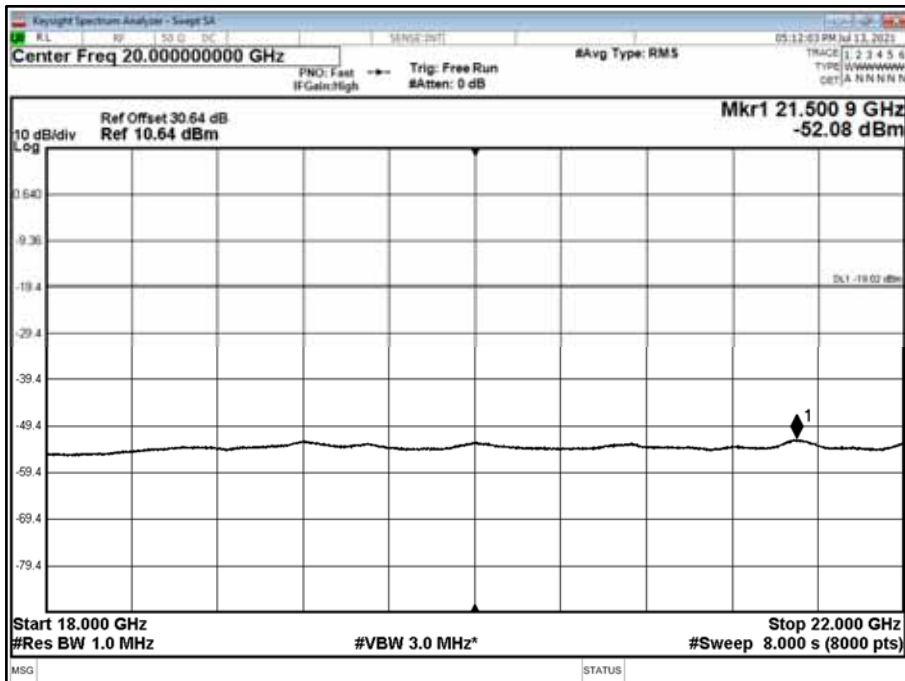




Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 5 - Range 18000 to 22000 MHz



Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 5 - Range 18000 to 22000 MHz







Limit 4.7.1

|       |  |
|-------|--|
| Limit | The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ db. |
|-------|--|

Limit 4.7.2

|        |   |
|--------|---|
| Limits | The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least: $76 + 10 \log_{10} p$ (watts, dB, for base and fixed equipment |
|        | The e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz   |



### **SECTION 3**

#### **TEST EQUIPMENT USED**



### 3.1 TEST EQUIPMENT USED

List of absolute measuring and other principal items of test equipment.

| Instrument                         | Manufacturer           | Type Yes.     | TE Yes.         | Calibration Period (months) | Calibration Due |
|------------------------------------|------------------------|---------------|-----------------|-----------------------------|-----------------|
| Carrier Power                      |                        |               |                 |                             |                 |
| PXA Signal Analyzer                | Keysight               | N9030A        | BAMS-1001562403 | 12                          | 14-Jan-2022     |
| Network Analyzer (10MHz to 40 GHz) | Agilent Technologies   | N5230A        | BAMS-1000635869 | 12                          | 07-Apr-2022     |
| Ecal Module                        | Agilent                | N4690-60006   | BAMS-1000235612 | 12                          | 30-Jun-2021     |
| Network Analyzer (10MHz to 20GHz)  | Agilent Technologies   | N5230A        | S/N: MY45000737 | 12                          | 13-Apr-2022     |
| Hygrometer                         | Rotronic               | A1            | TE2760          | 12                          | 12-Jun-2022     |
| Power Supply                       | Delta Elektronika      | SM 52-30      | BAMS-1000077230 | -                           | -               |
| Attenuator 20 dB                   | Aeroflex / Weinschel   | 6834-20-11    | QM935           | -                           | -               |
| Attenuator 20 dB                   | Aeroflex / Weinschel   | 6834-20-11    | QC181           | -                           | -               |
| Attenuator 20 dB                   | Aeroflex / Weinschel   | 6834-20-11    | 004             | -                           | -               |
| Attenuator 10 dB                   | Wainwright             | 56-10         | T3515           | -                           | -               |
| High Pass Filter                   | Wainwright Instruments | WHNX3.8/26.5G | D-82346         | -                           | -               |

N/A – Not Applicable

O/P Mon – Output Monitored with Calibrated Equipment

List of measurement software versions used for testing.

| Instrument          | Manufacturer | Type No. | TE No.         | Software Version |
|---------------------|--------------|----------|----------------|------------------|
| PXA Signal Analyser | Keysight     | N9030A   | BAMS1001562403 | A.19.05          |
| HP-VEE Software     | TUV SUD      | HP_VEE   | N/A            | V3.27            |



### 3.2 MEASUREMENT UNCERTAINTY

For a 95% confidence level, the measurement uncertainties for defined systems are:-

| Test Discipline                     | Frequency / Parameter      | MU               |            |
|-------------------------------------|----------------------------|------------------|------------|
| Conducted Maximum Peak Output Power | 30 MHz to 20 GHz Amplitude | ± 0.89 dB        |            |
| Conducted Emissions                 | 30 MHz to 20 GHz Amplitude | ± 1.81dB         |            |
| Occupied Bandwidth                  | Up to 20 MHz Bandwidth     | 10 MHz Bandwidth | ±67172 Hz  |
|                                     |                            | 15MHz Bandwidth  | ±353784 Hz |
|                                     |                            | 20 MHz Bandwidth | ±145903 Hz |
| Band Edge                           | 30 MHz to 20 GHz Amplitude | ±0.89dB          |            |

#### Measurement Uncertainty Decision Rule

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115: 2007, clause 4.4.3 and 4.5.1.



## **SECTION 4**

### **ACCREDITATION, DISCLAIMERS AND COPYRIGHT**



#### 4.1 ACCREDITATION, DISCLAIMERS AND COPYRIGHT



This report relates only to the actual item/items tested.

Our Swedac Accreditation does not cover opinions and interpretations and any expressed are outside the scope of our Swedac Accreditation.

Results of tests not covered by our Swedac Accreditation Schedule are marked NSA (Not Swedac Accredited).

© 2021 TÜV SÜD  
Sverige

Postal Address: Djäknegatan 31, 211 35, Malmö, Sweden



## **ANNEX A**

### **MODULE LIST**



| Configurations 1-4 |               |           |            |
|--------------------|---------------|-----------|------------|
| Product            | Product No    | R-State   | Serial No  |
| CT10               | LPC102487/1   | R1C       | T01F307250 |
| Radio 4415 B66A    | KRC 161 644/1 | R5B       | D827454598 |
| Software Version:  | CXP9013268/12 | Revision: | R82CM      |