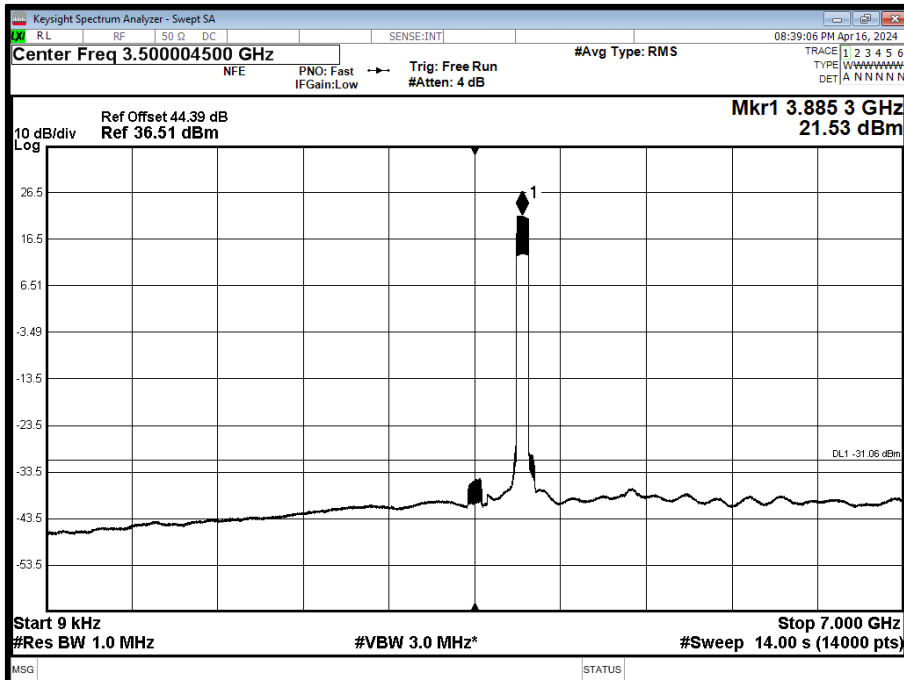
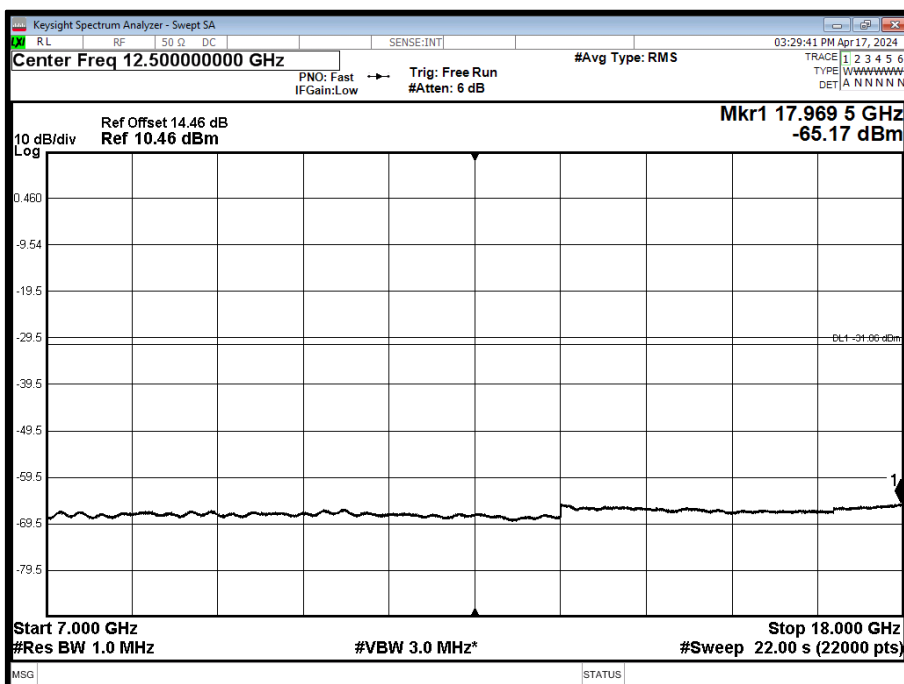




Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 0.009 to 7000 MHz

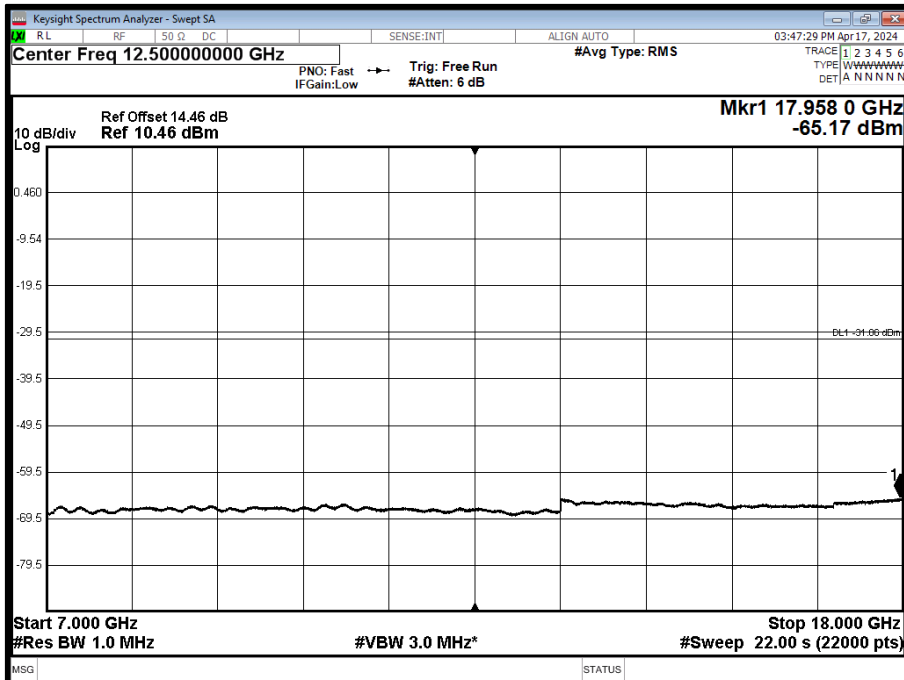


Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 7000 to 18000 MHz

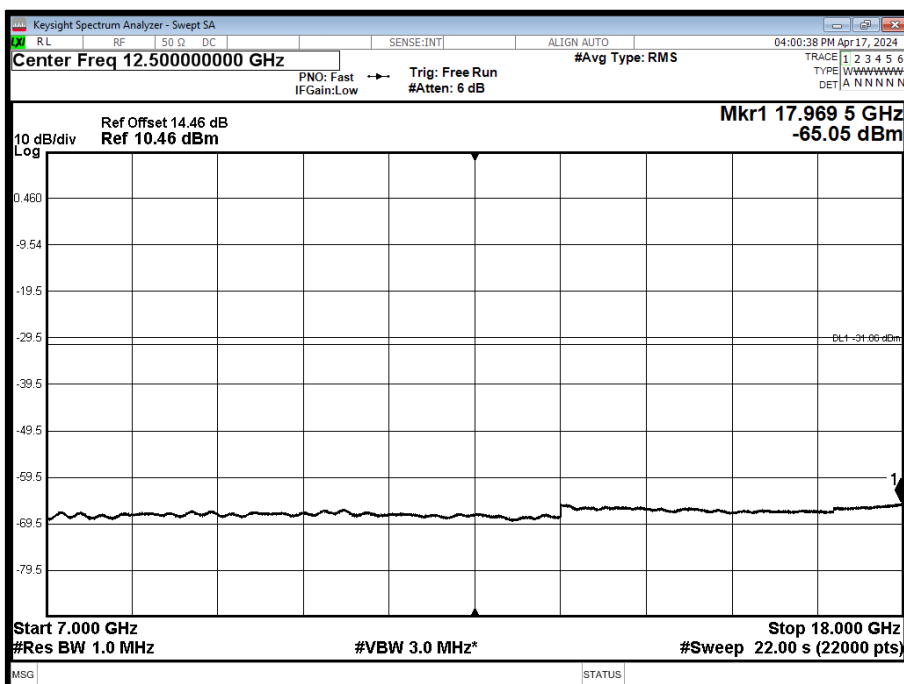




Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 7000 to 18000 MHz

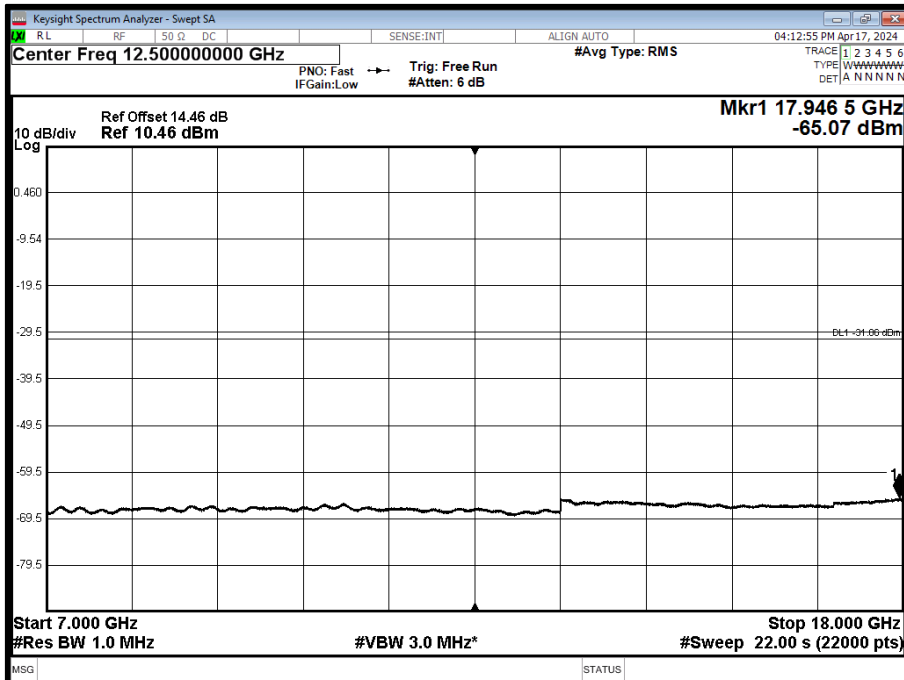


Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 7000 to 18000 MHz

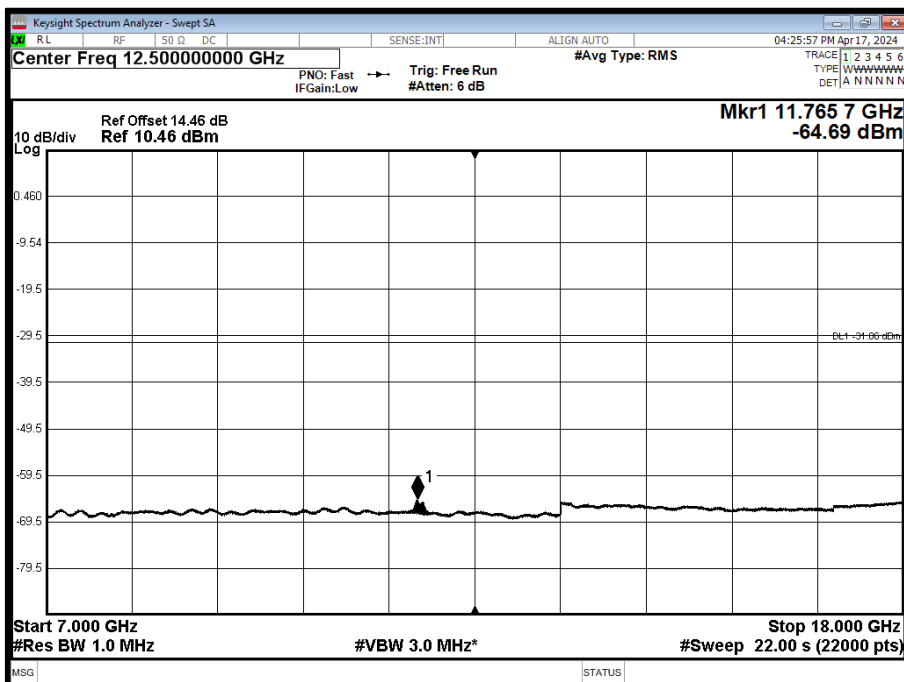




Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 7000 to 18000 MHz

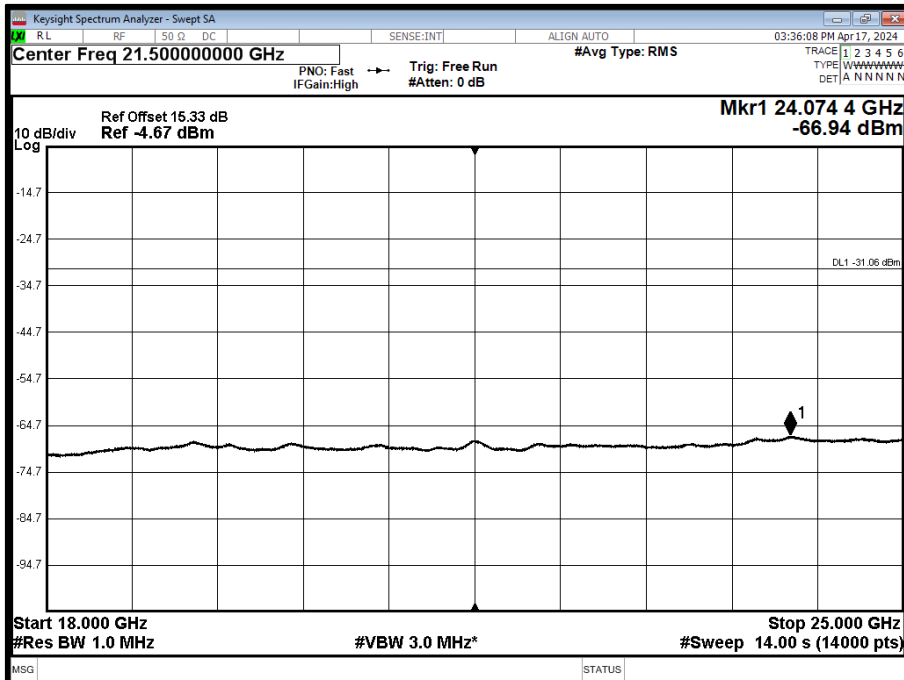


Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 7000 to 18000 MHz

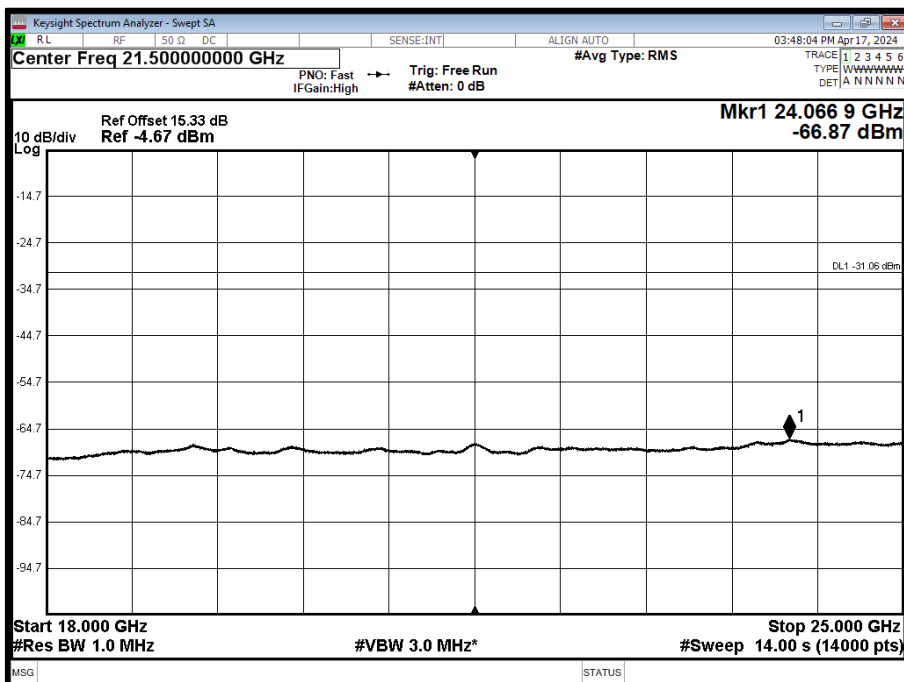




Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 18000 to 25000 MHz

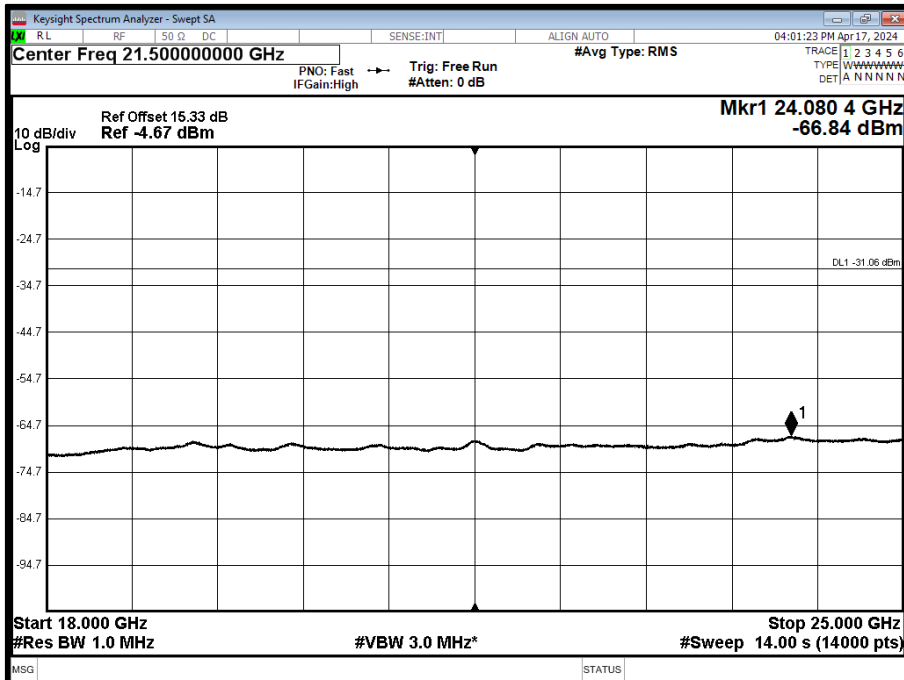


Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position B - Band 3 - Range 18000 to 25000 MHz

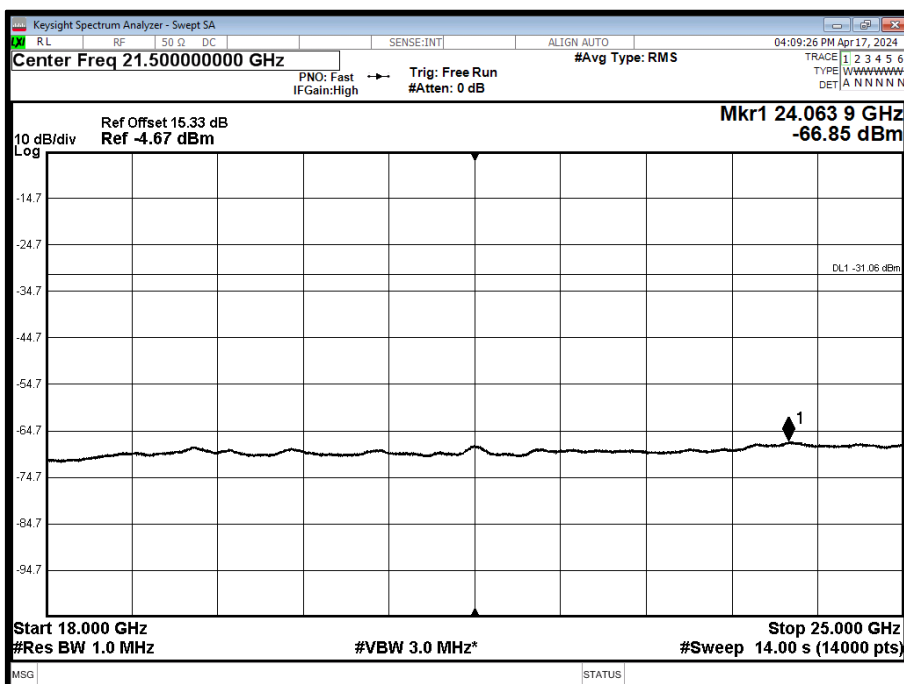




Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 18000 to 25000 MHz

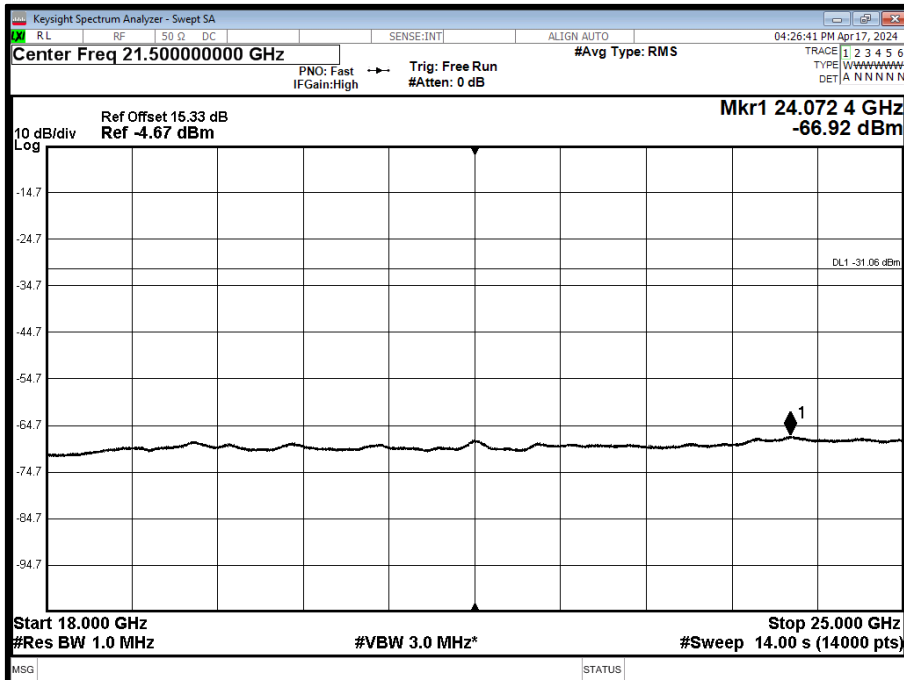


Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 18000 to 25000 MHz

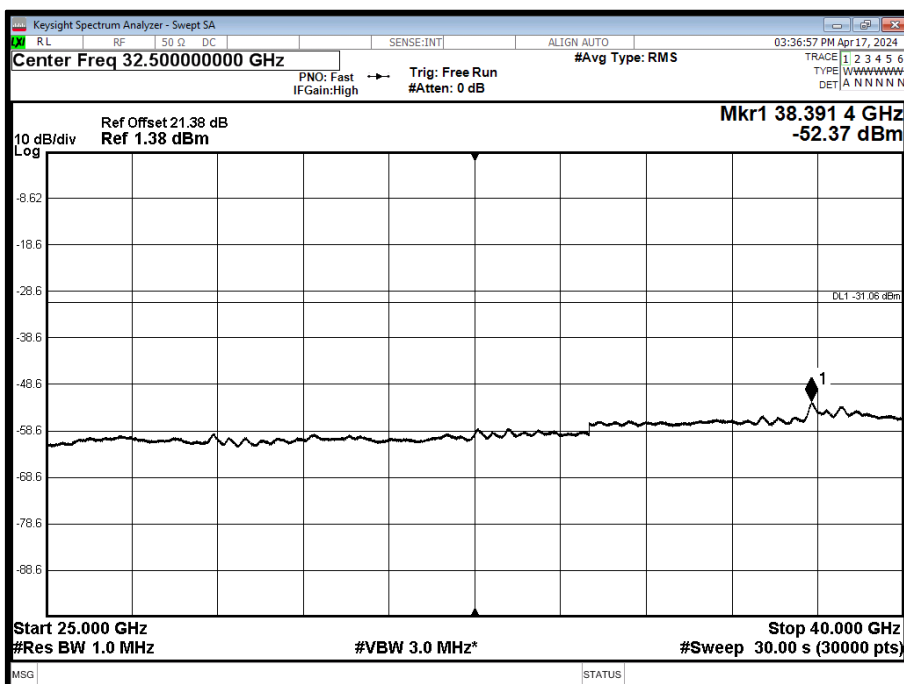




Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 18000 to 25000 MHz

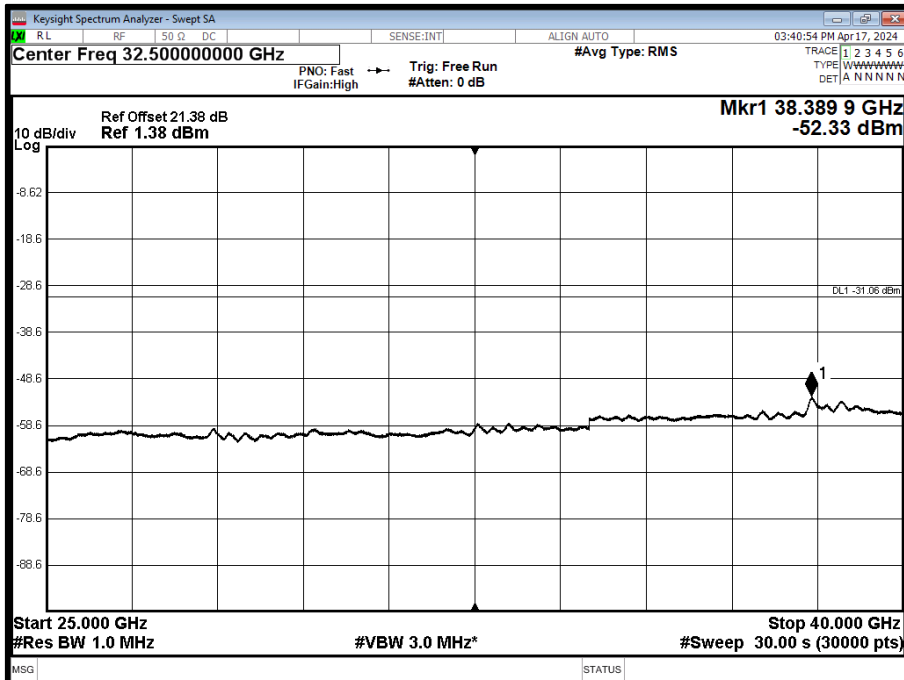


Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 25000 to 40000 MHz

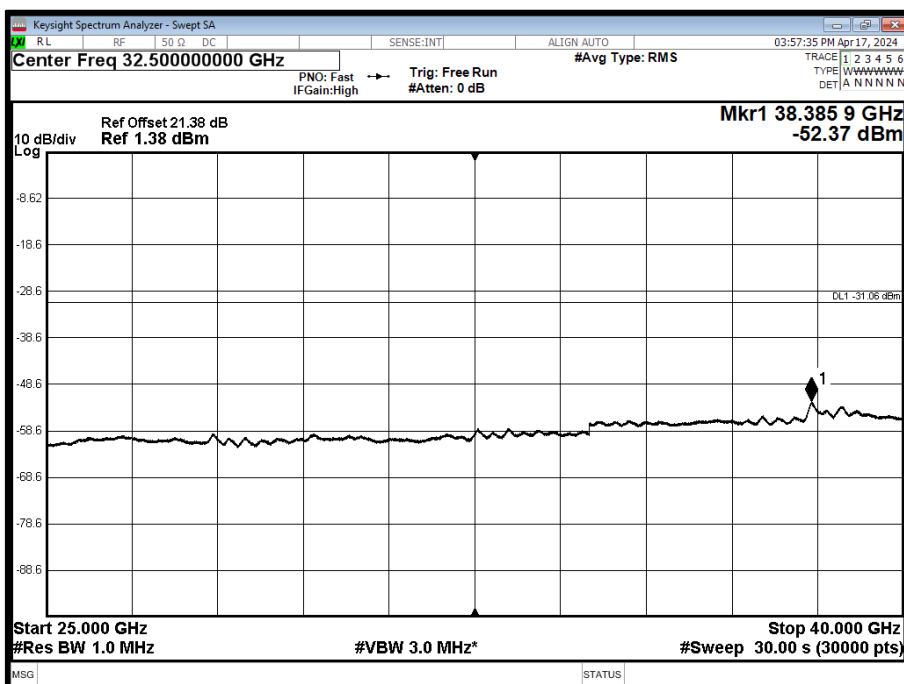




Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 25000 to 40000 MHz

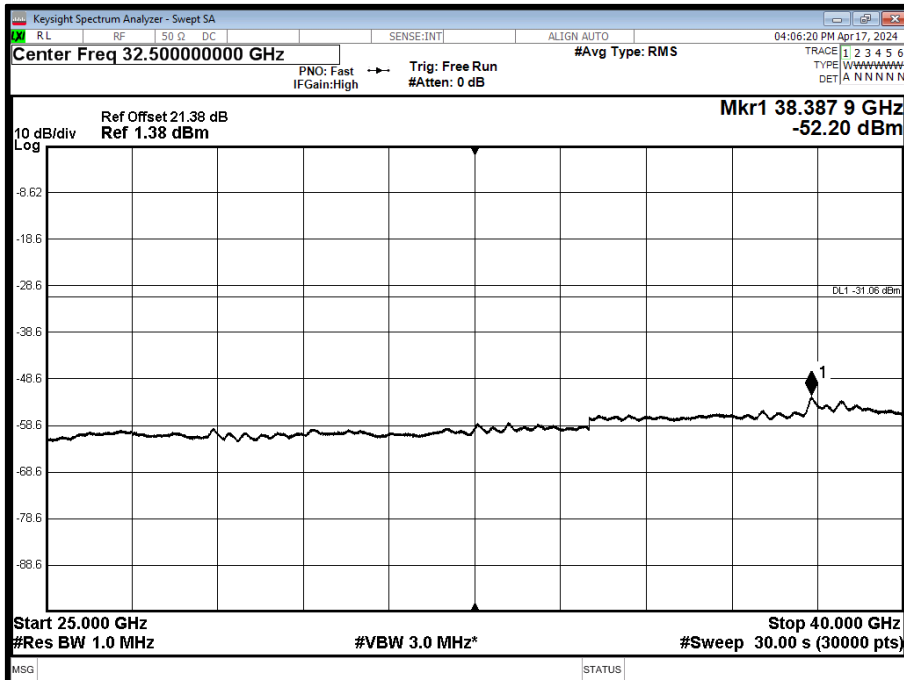


Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 25000 to 40000 MHz

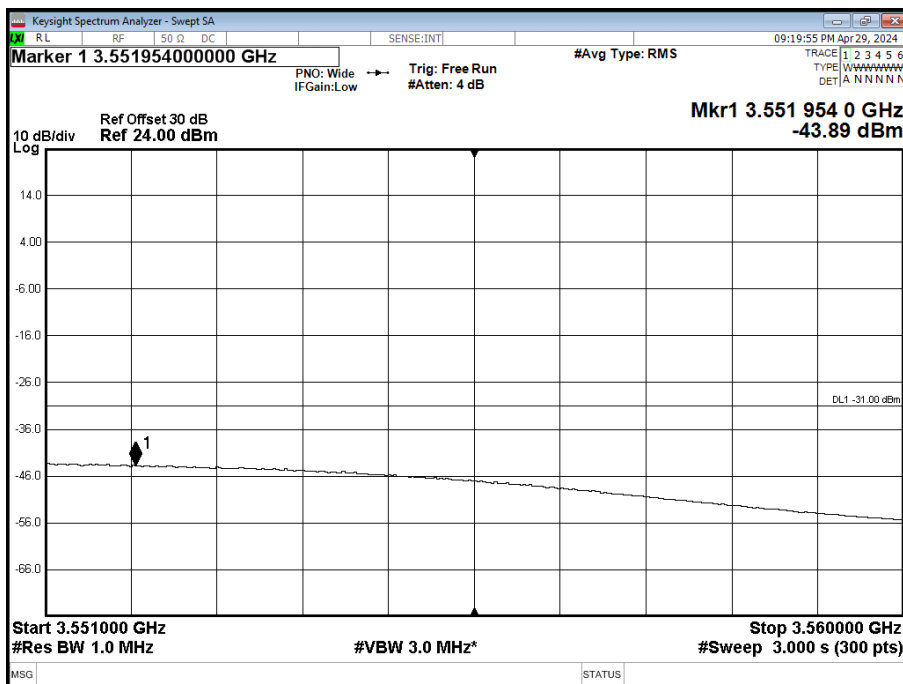




Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 25000 to 40000 MHz



Antenna 19 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 25000 to 40000 MHz

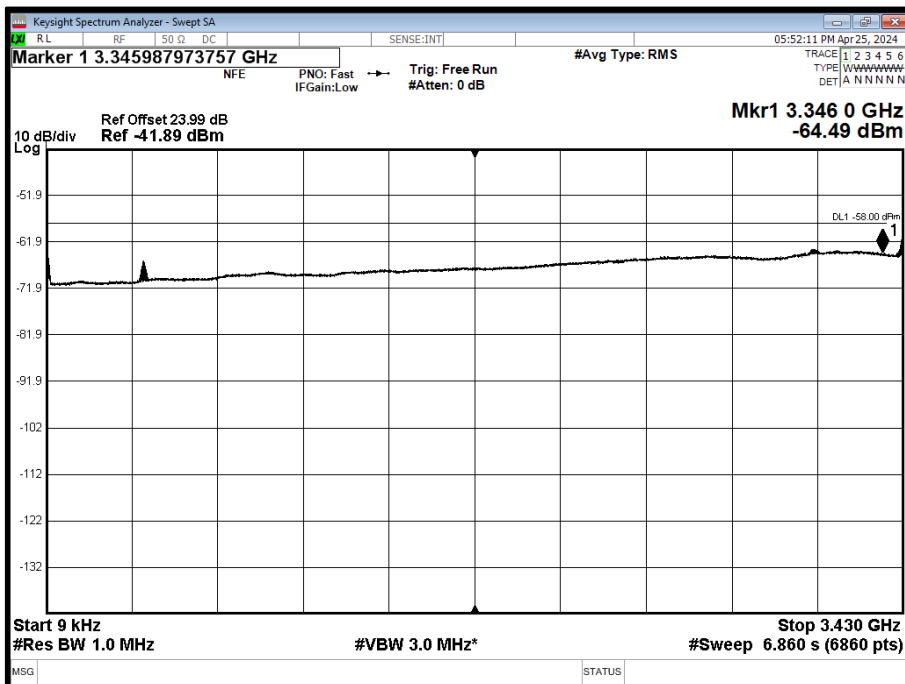




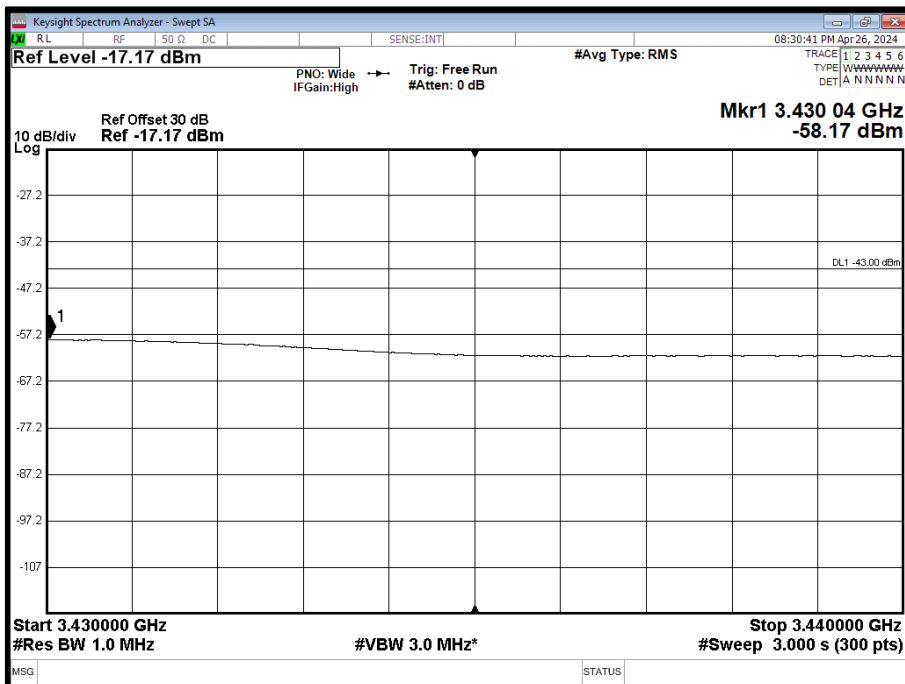
Configuration 3

Maximum Output Power Case by Case see Test Plan dBm

Antenna 19 - Test Case 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 20M Band 77G - Channel Position B - Band 1 - Range 0.009 to 3430 MHz

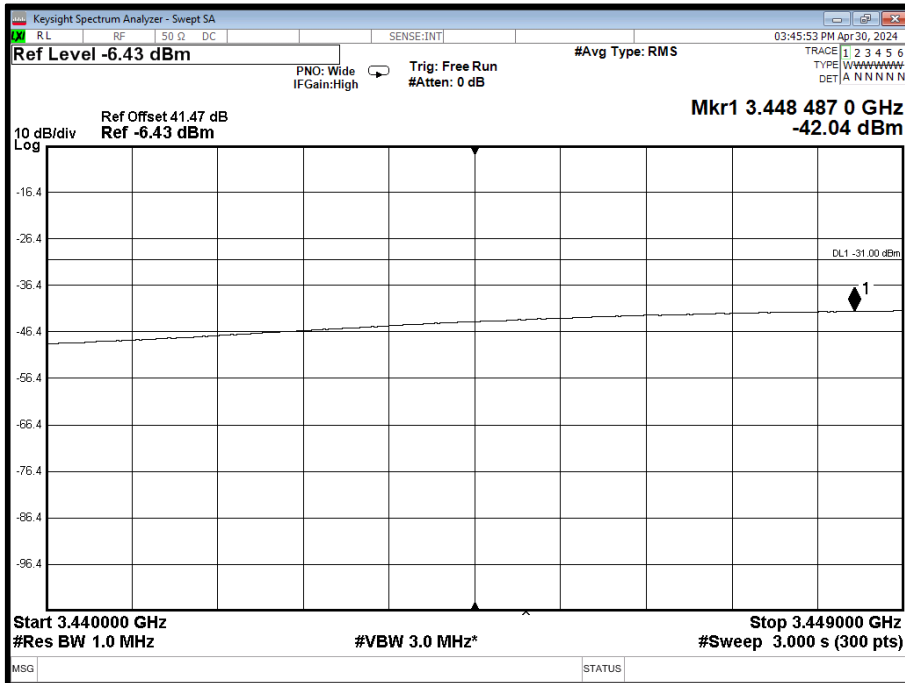


Antenna 19 - Test Case 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 20M Band 77G - Channel Position T - Band 2 - Range 3430 to 3440 MHz

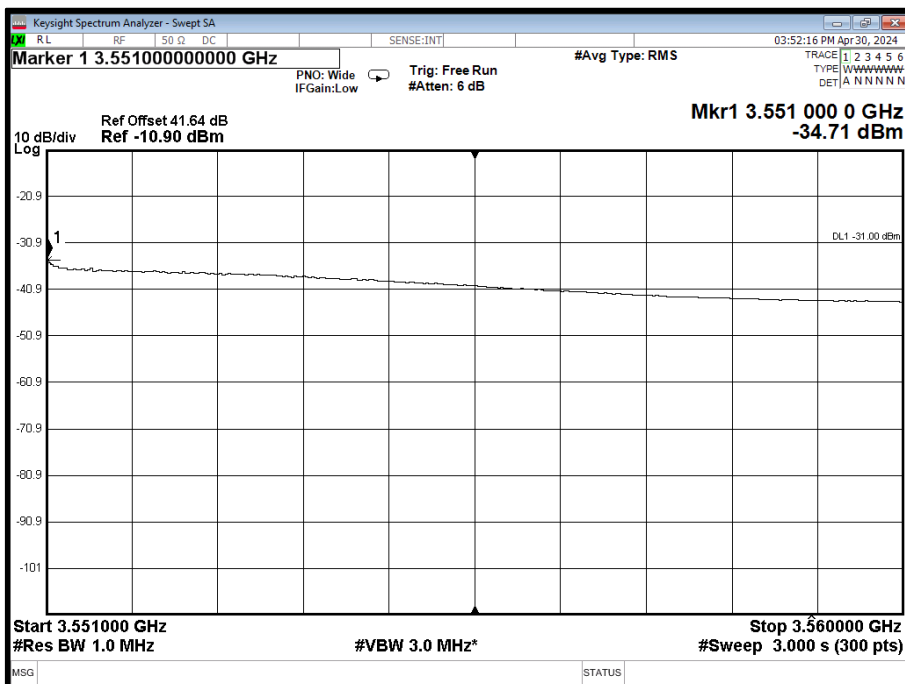




Antenna 19 - Test Case 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 20M Band 77G - Channel Position M - Band 3 - Range 3440 to 3449 MHz

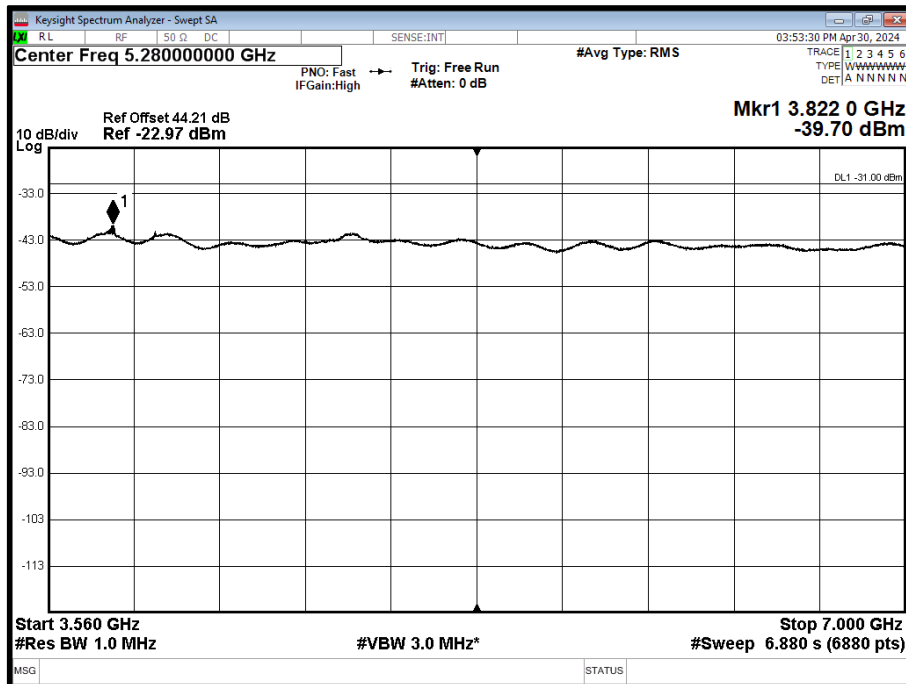


Antenna 19 - Test Case 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 20M Band 77G - Channel Position T - Band 4 - Range 3551 to 3560 MHz

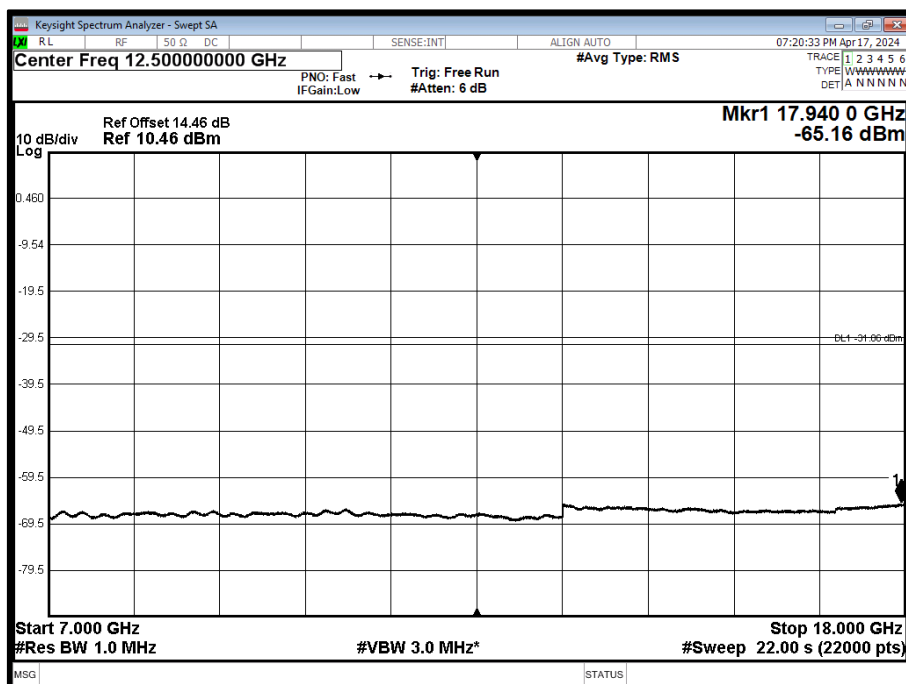




Antenna 19 - Test Case 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 20M Band 77G - Channel Position T - Band 5 - Range 3560 to 7000 MHz

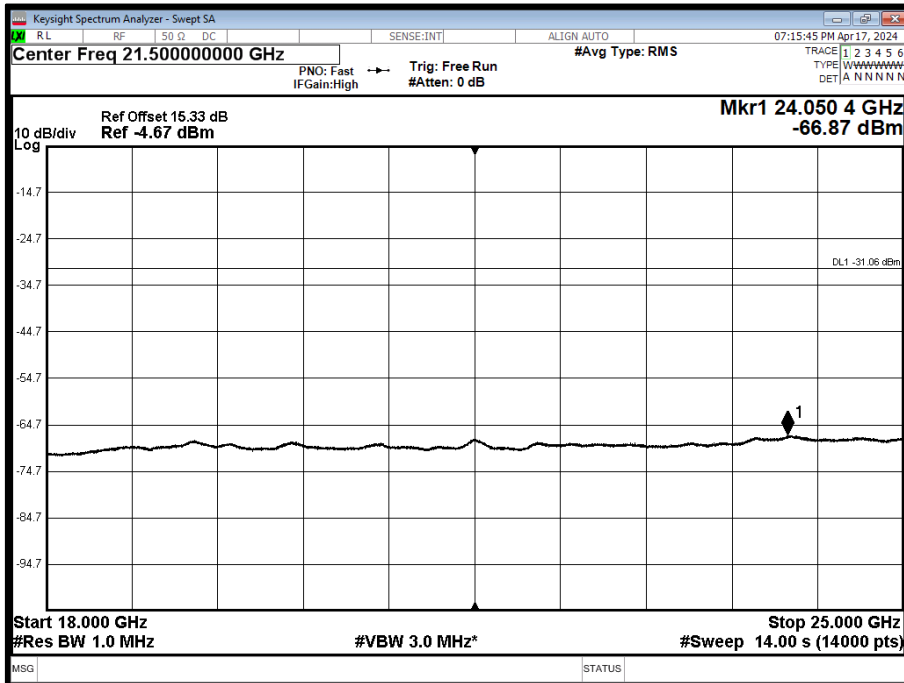


Antenna 19 - Test Case 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 20M Band 77G - Channel Position T - Band 6 - Range 7000 to 18000 MHz

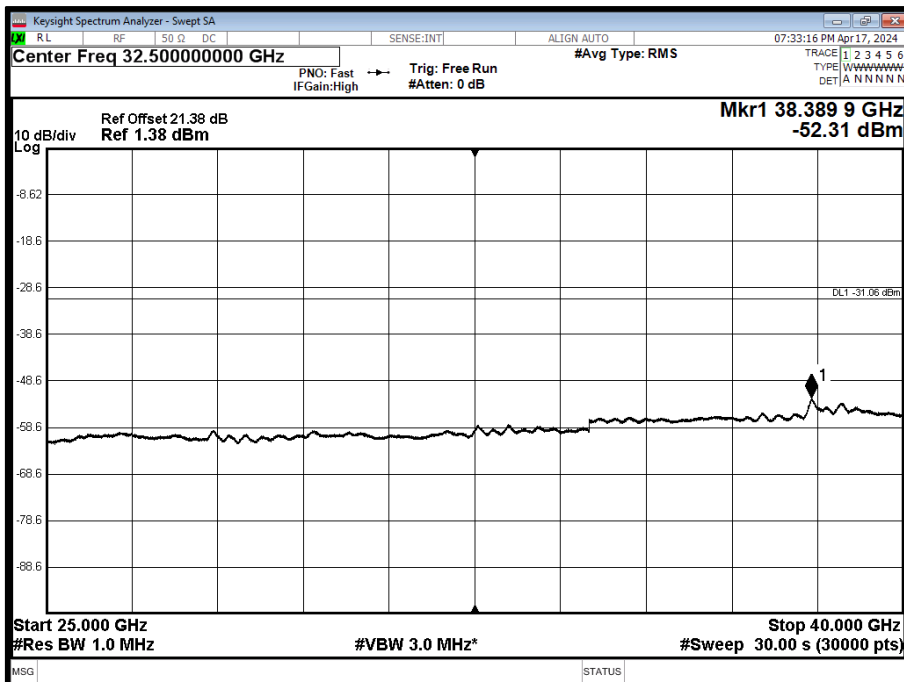




Antenna 19 - Test Case 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 20M Band 77G - Channel Position M - Band 7 - Range 18000 to 25000 MHz

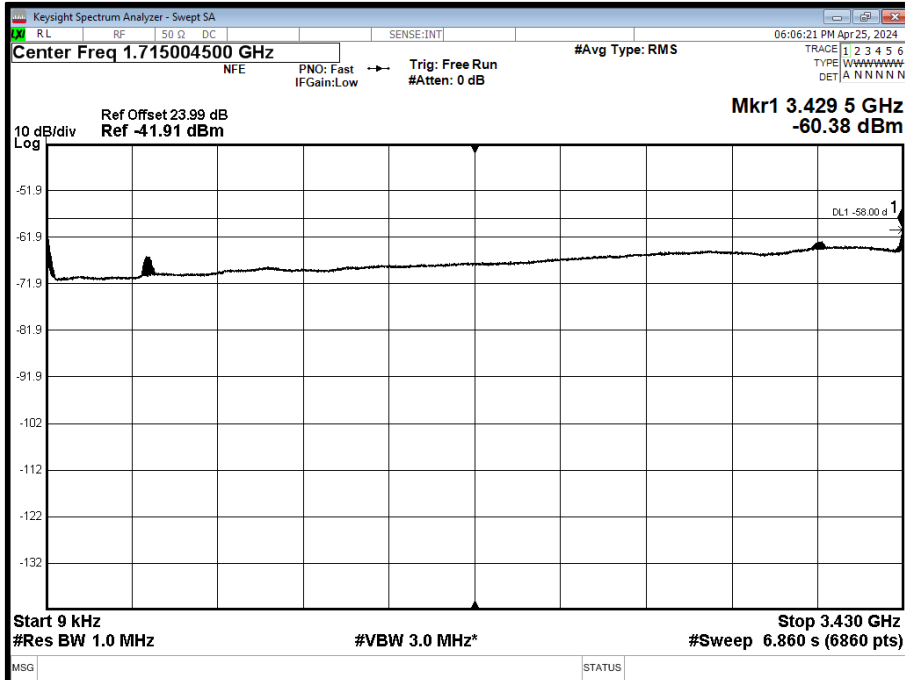


Antenna 19 - Test Case 2 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 20M Band 77G - Channel Position B - Band 8 - Range 25000 to 40000 MHz

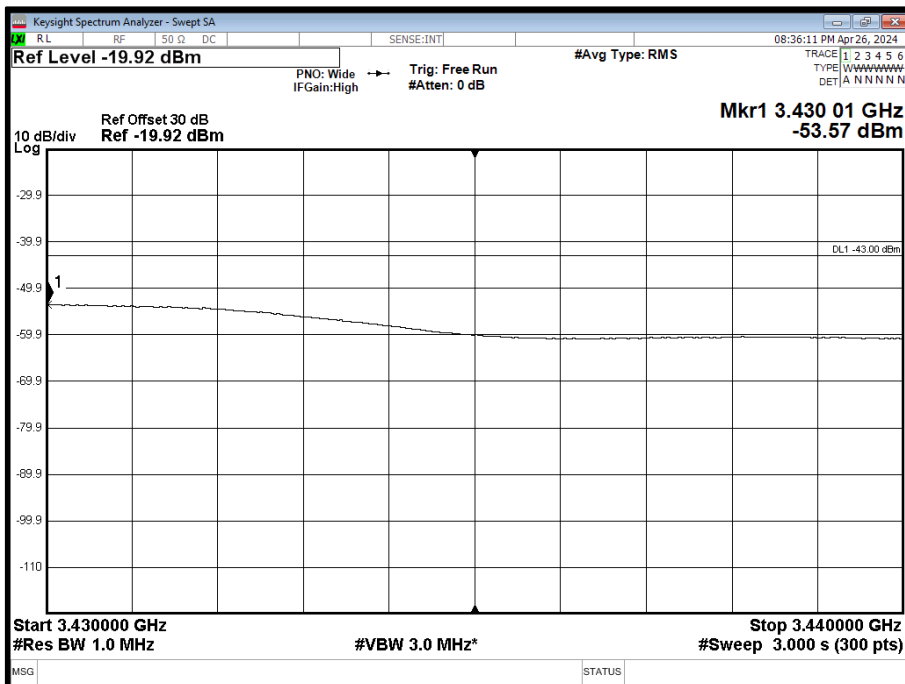




Antenna 19 - Test Case 2 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 20M Band 77G - Channel Position M - Band 1 - Range 0.009 to 3430 MHz

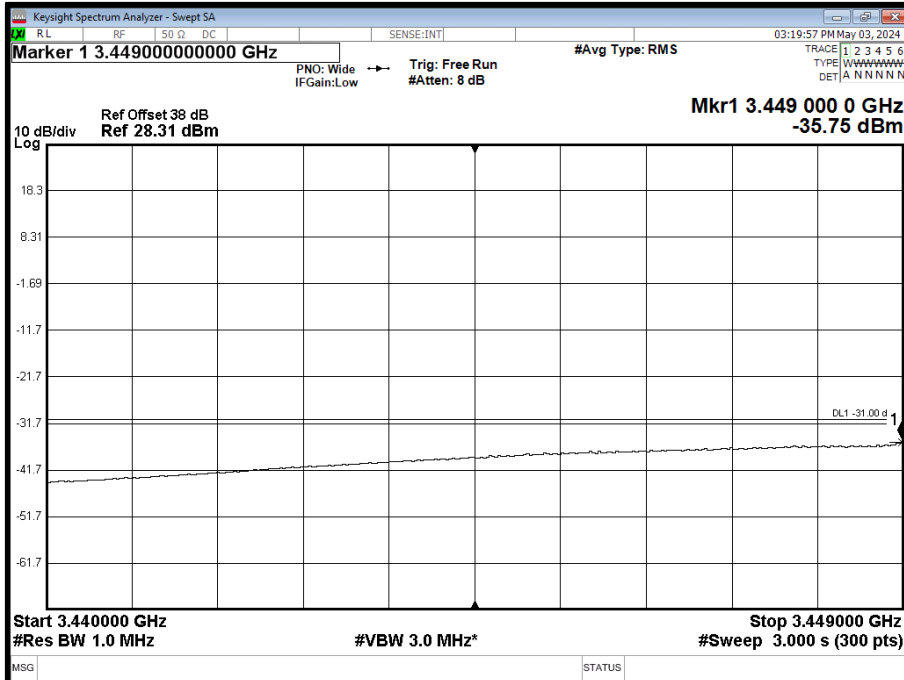


Antenna 19 - Test Case 2 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 20M Band 77G - Channel Position B - Band 2 - Range 3430 to 3440 MHz

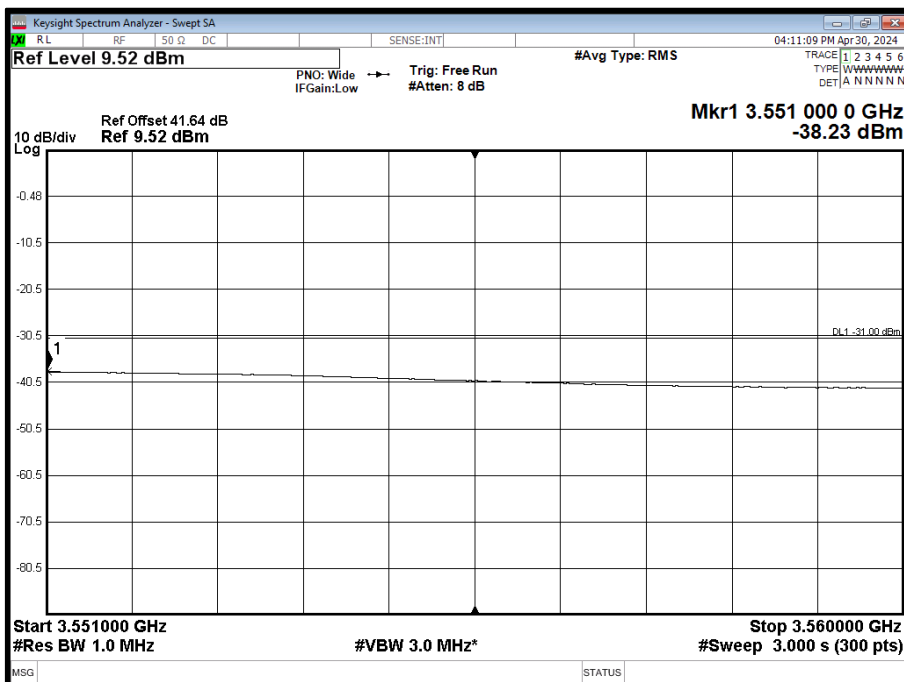




Antenna 19 - Test Case 2 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 20M Band 77G - Channel Position B - Band 3 - Range 3440 to 3449 MHz

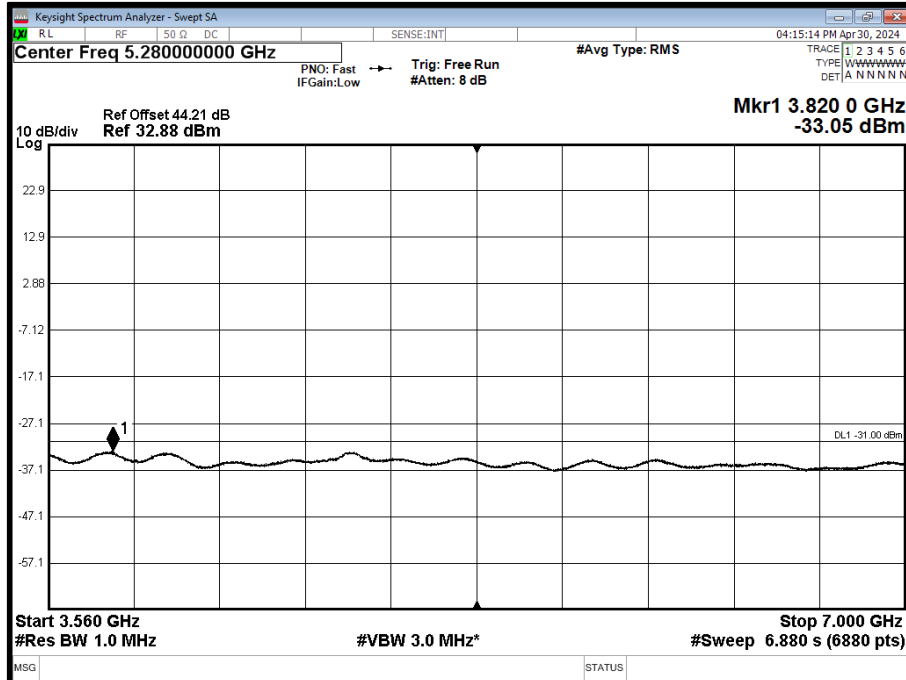


Antenna 19 - Test Case 2 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 20M Band 77G - Channel Position M - Band 4 - Range 3551 to 3560 MHz

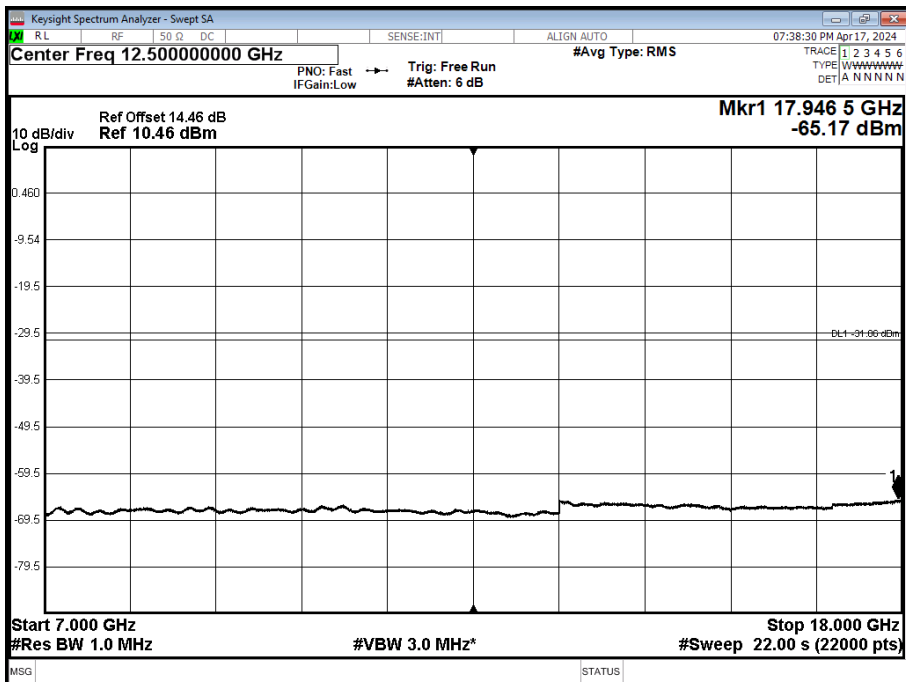




Antenna 19 - Test Case 2 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 20M Band 77G - Channel Position M - Band 5 - Range 3560 to 7000 MHz

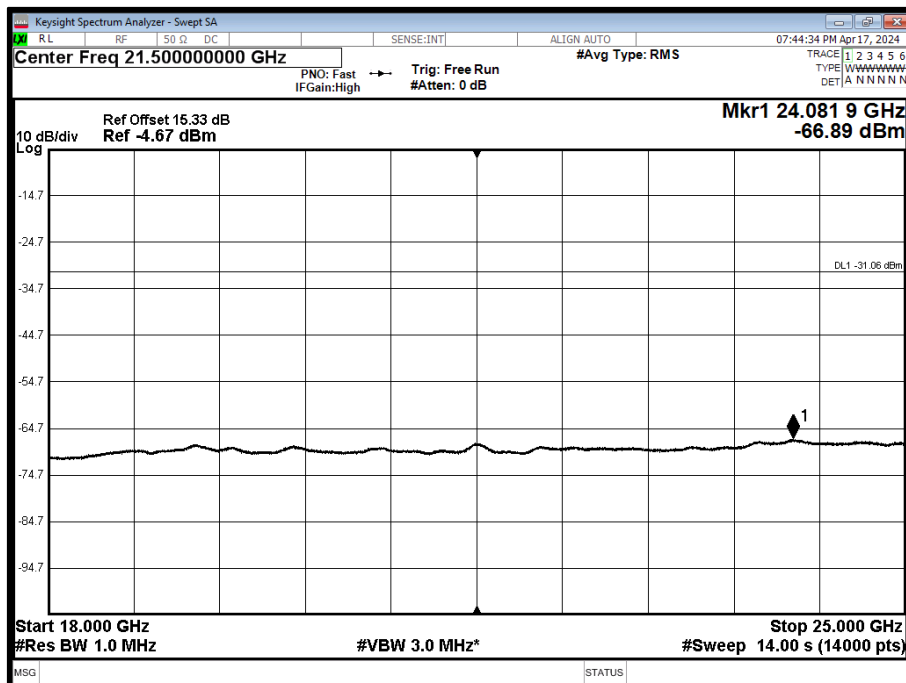


Antenna 19 - Test Case 2 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 20M Band 77G - Channel Position M - Band 6 - Range 7000 to 18000 MHz

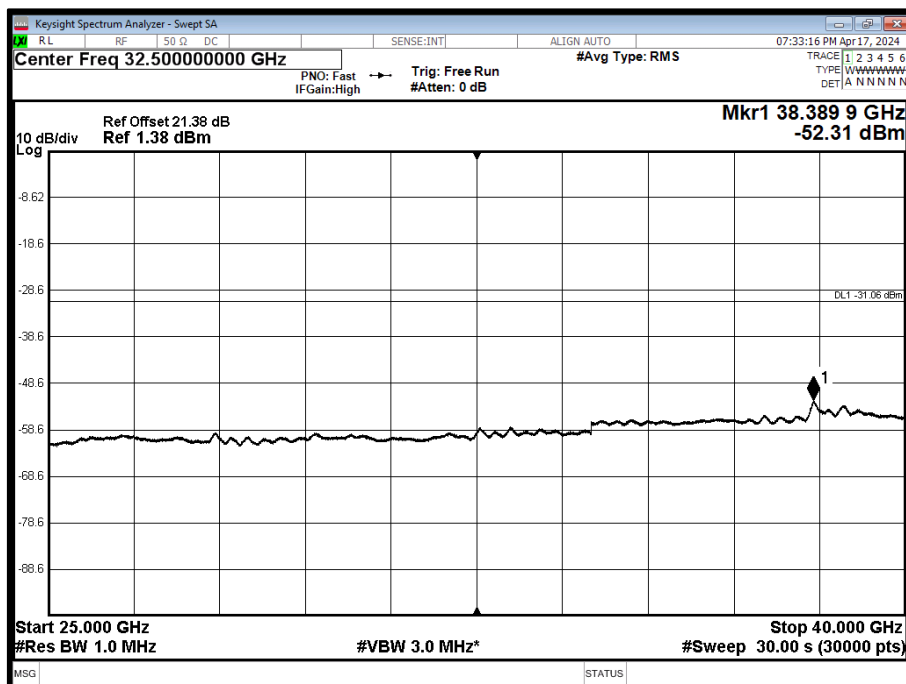




Antenna 19 - Test Case 2 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 20M Band 77G - Channel Position T - Band 7 - Range 18000 to 25000 MHz

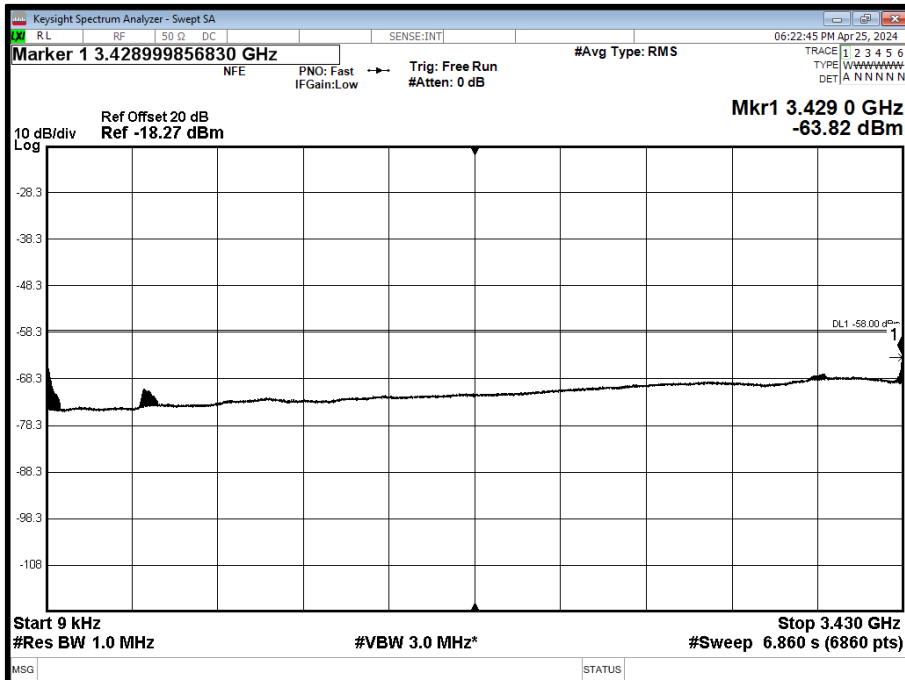


Antenna 19 - Test Case 2 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 20M Band 77G - Channel Position B - Band 8 - Range 25000 to 40000 MHz

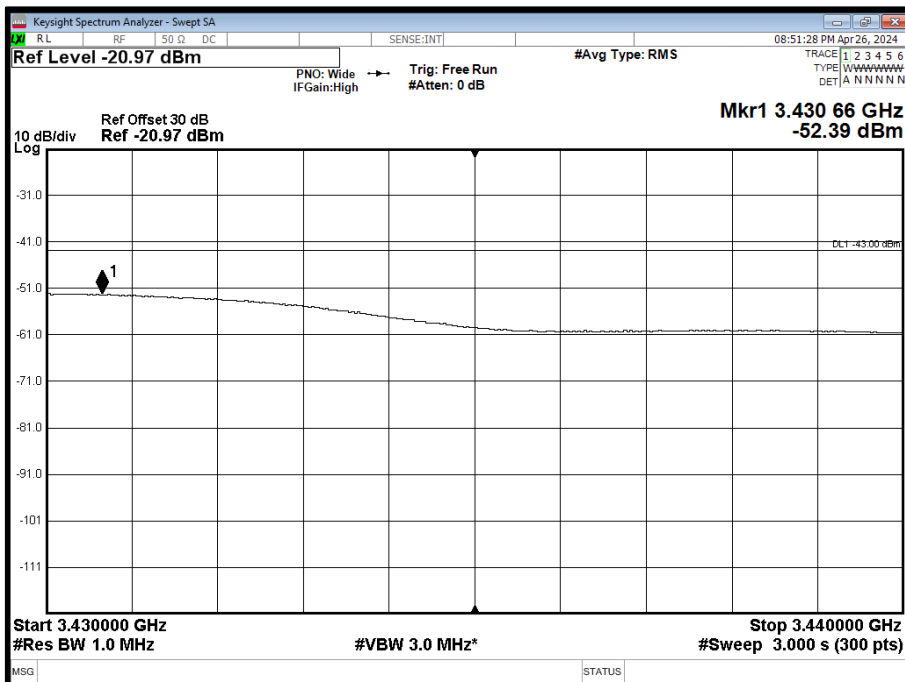




Antenna 19 - Test Case 3 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 20M Band 77G - Channel Position M - Band 1 - Range 0.009 to 3430 MHz

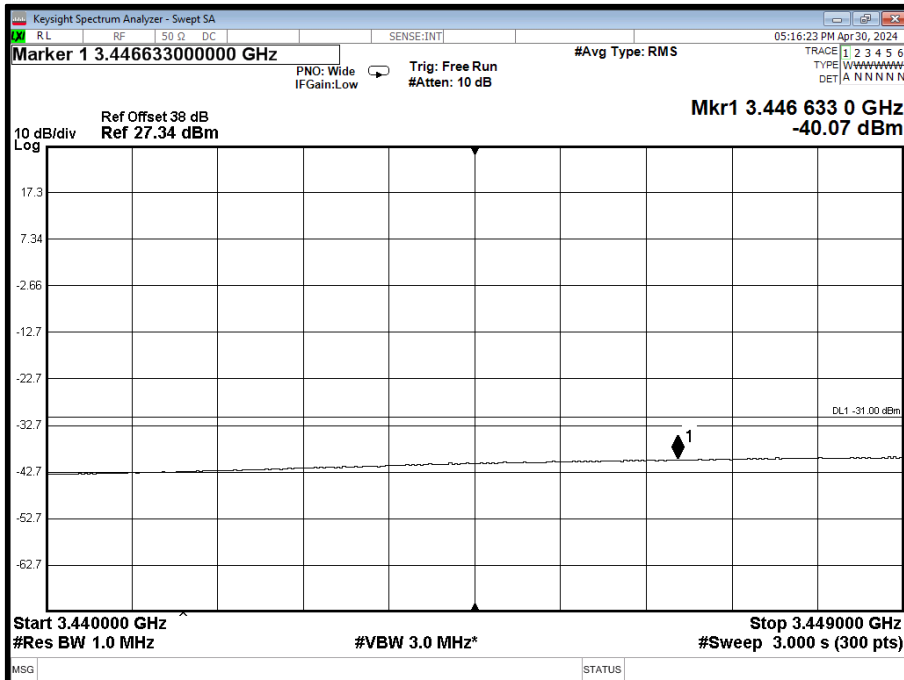


Antenna 19 - Test Case 3 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 20M Band 77G - Channel Position B - Band 2 - Range 3430 to 3440 MHz

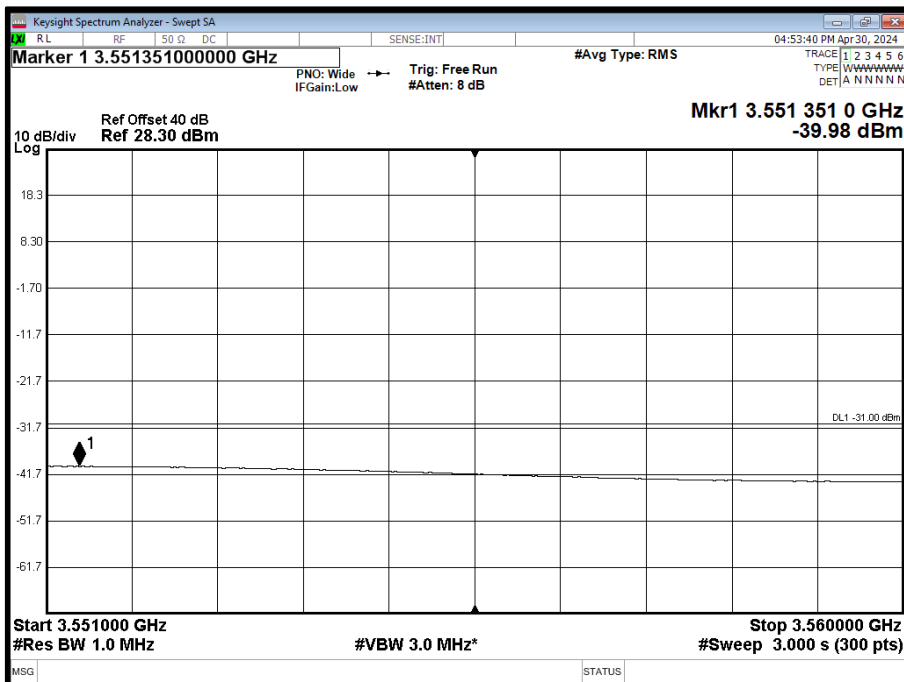




Antenna 19 - Test Case 3 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 20M Band 77G - Channel Position T - Band 3 - Range 3440 to 3449 MHz

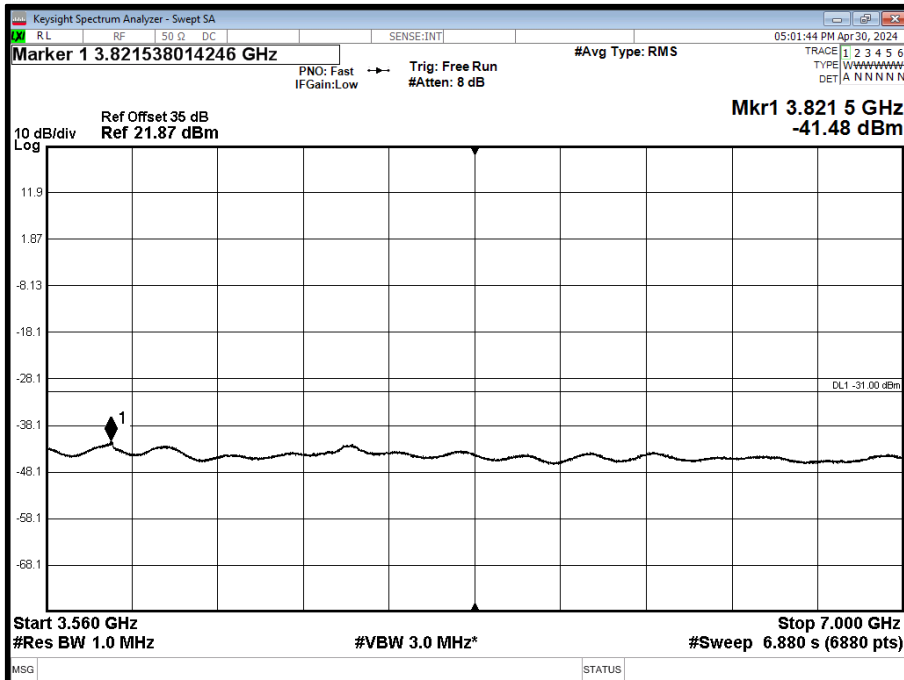


Antenna 19 - Test Case 3 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 20M Band 77G - Channel Position B - Band 4 - Range 3551 to 3560 MHz

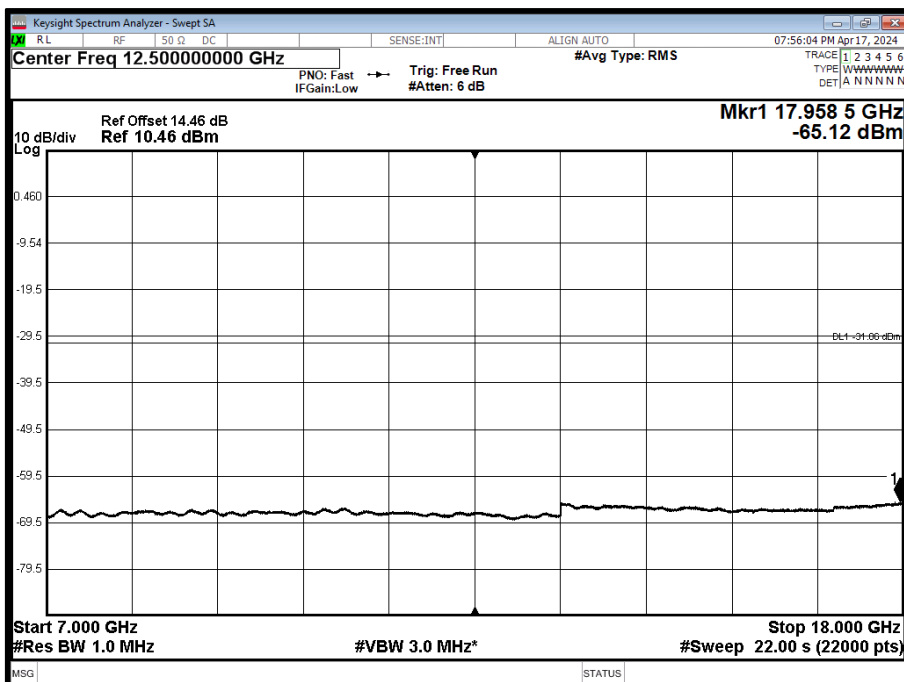




Antenna 19 - Test Case 3 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 20M Band 77G - Channel Position B - Band 5 - Range 3560 to 7000 MHz

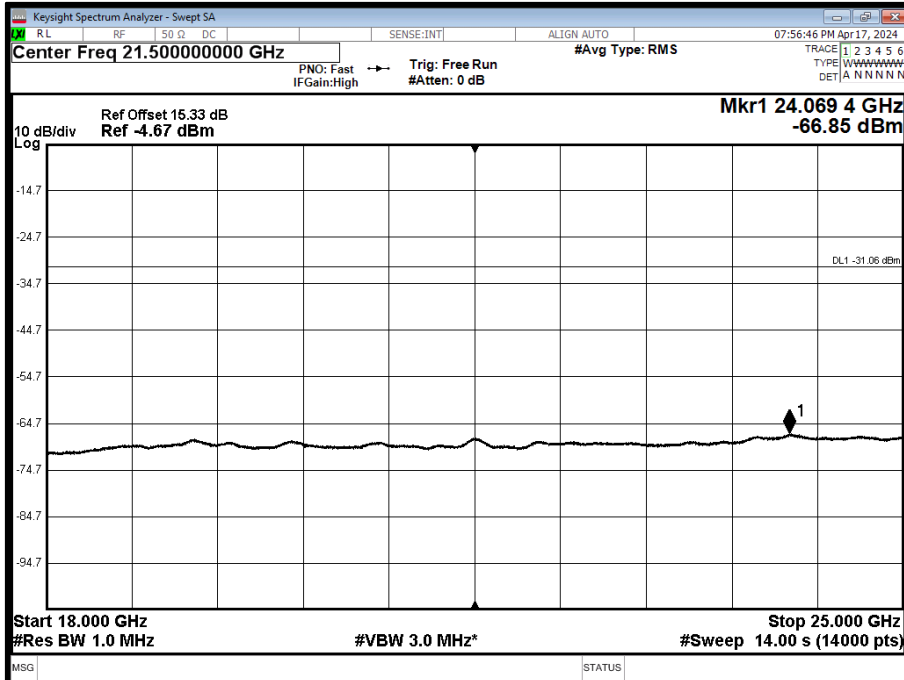


Antenna 19 - Test Case 3 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 20M Band 77G - Channel Position M - Band 6 - Range 7000 to 18000 MHz

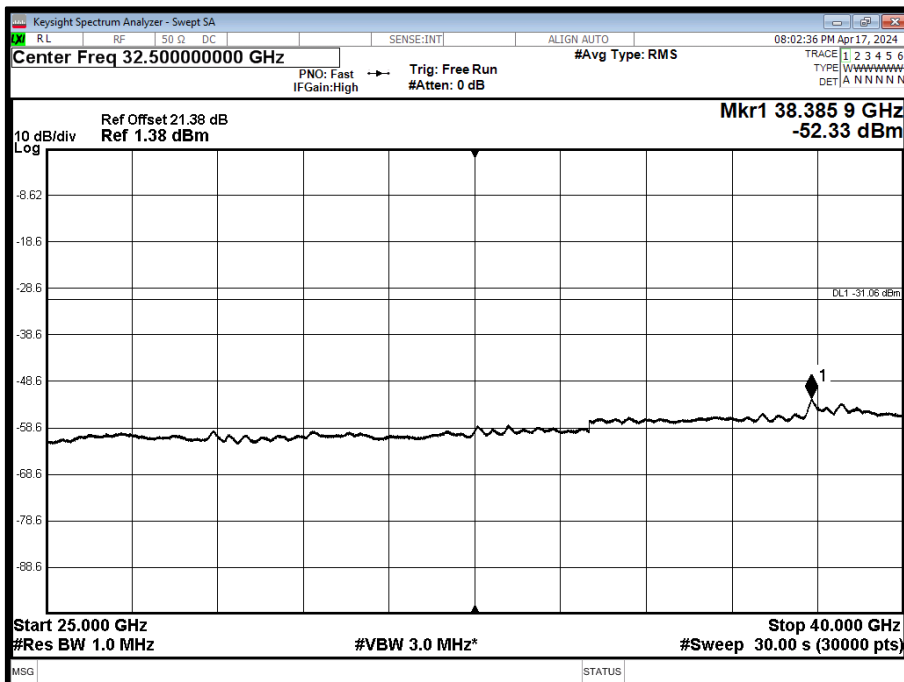




Antenna 19 - Test Case 3 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 20M Band 77G - Channel Position M - Band 7 - Range 18000 to 25000 MHz

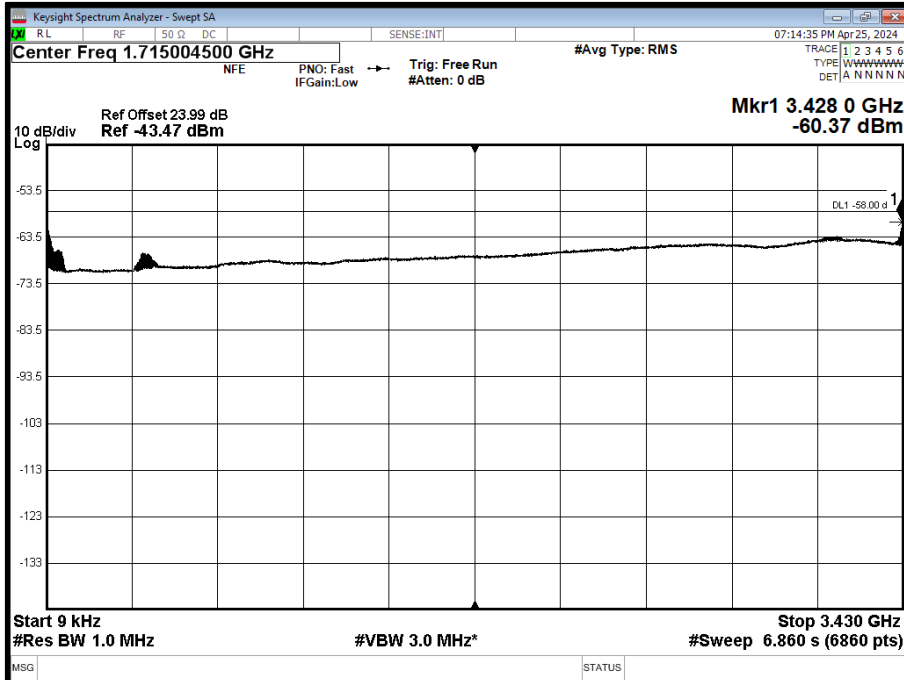


Antenna 19 - Test Case 3 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 20M Band 77G - Channel Position T - Band 8 - Range 25000 to 40000 MHz

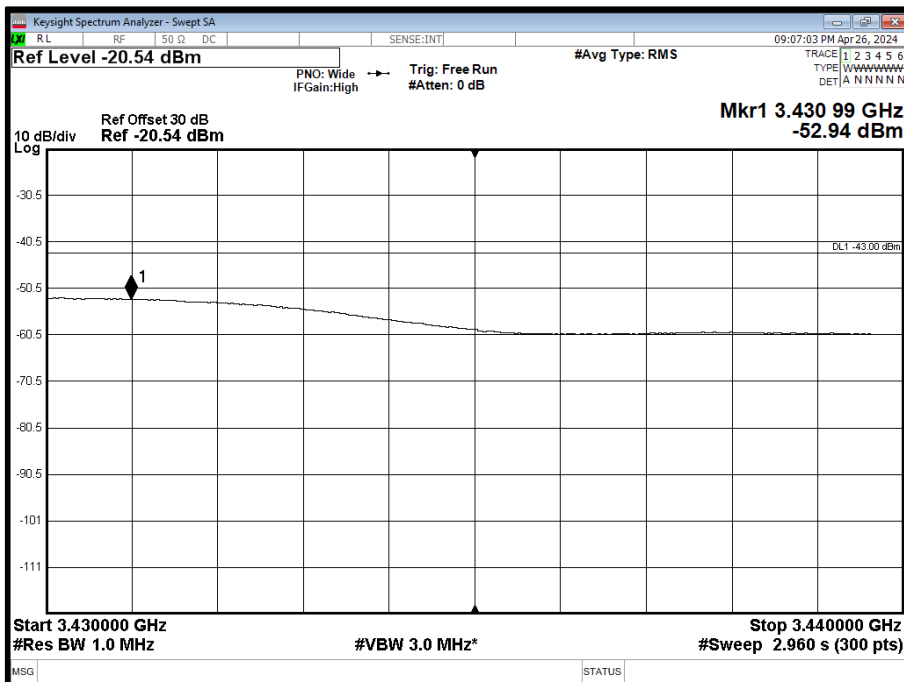




Antenna 19 - Test Case 4 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M +
1C 20M Band 77G - Channel Position T - Band 1 - Range 0.009 to 3430 MHz

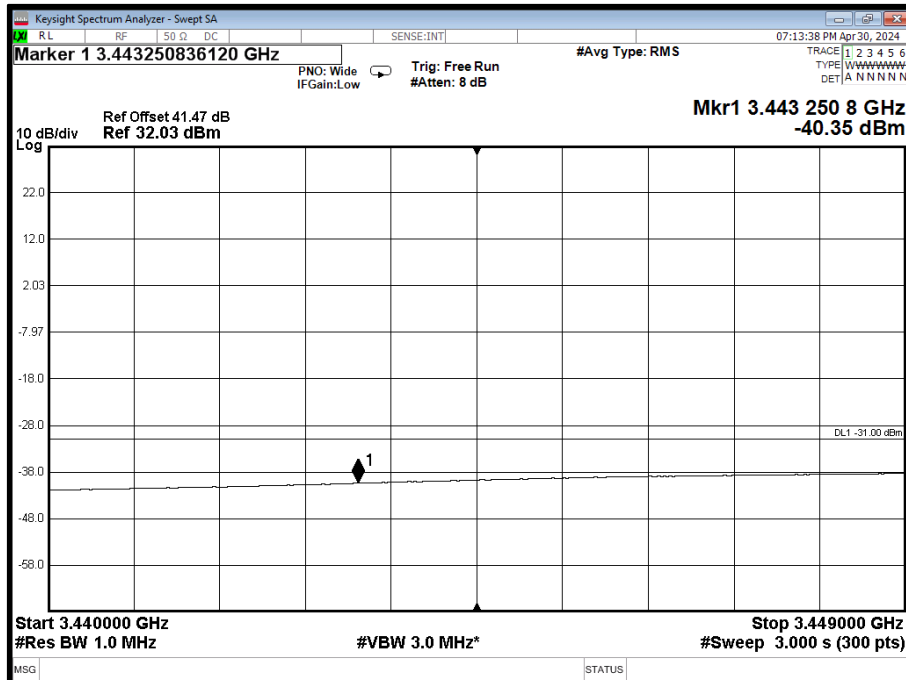


Antenna 19 - Test Case 4 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M +
1C 20M Band 77G - Channel Position B - Band 2 - Range 3430 to 3440 MHz

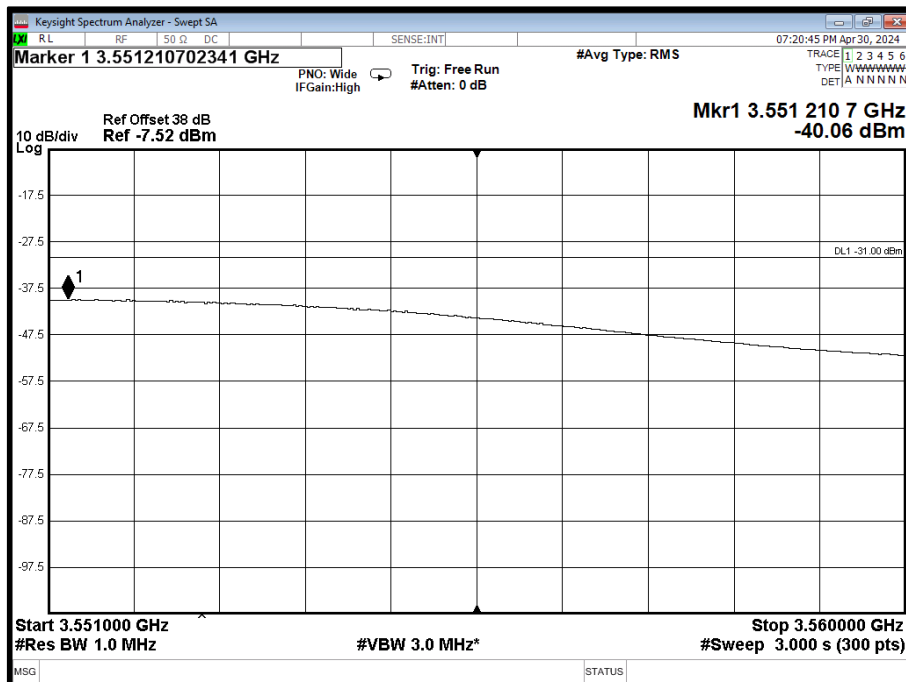




Antenna 19 - Test Case 4 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 20M Band 77G - Channel Position T - Band 3 - Range 3440 to 3449 MHz

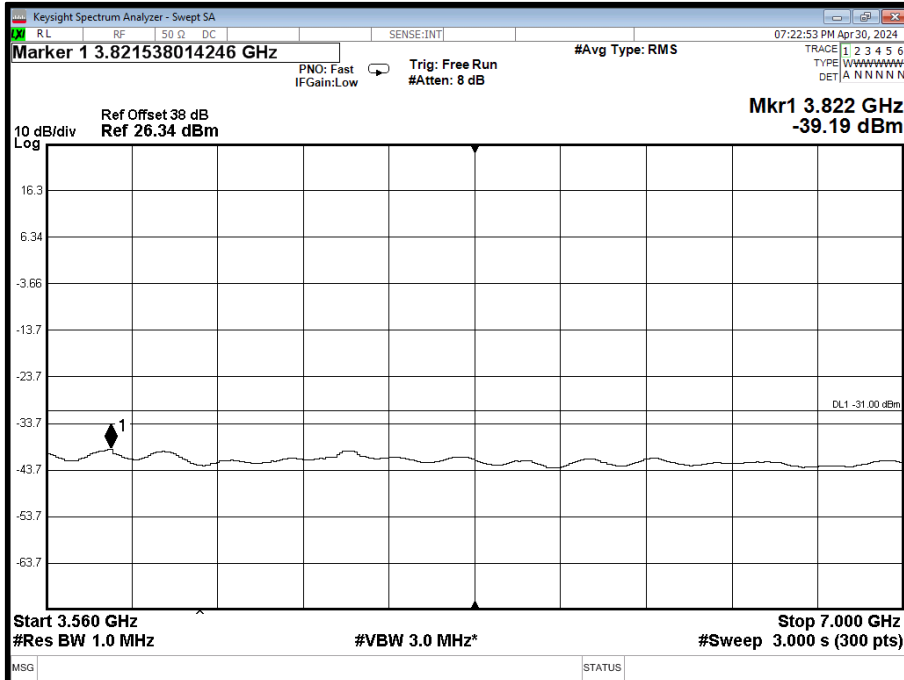


Antenna 19 - Test Case 4 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 20M Band 77G - Channel Position M - Band 4 - Range 3551 to 3560 MHz

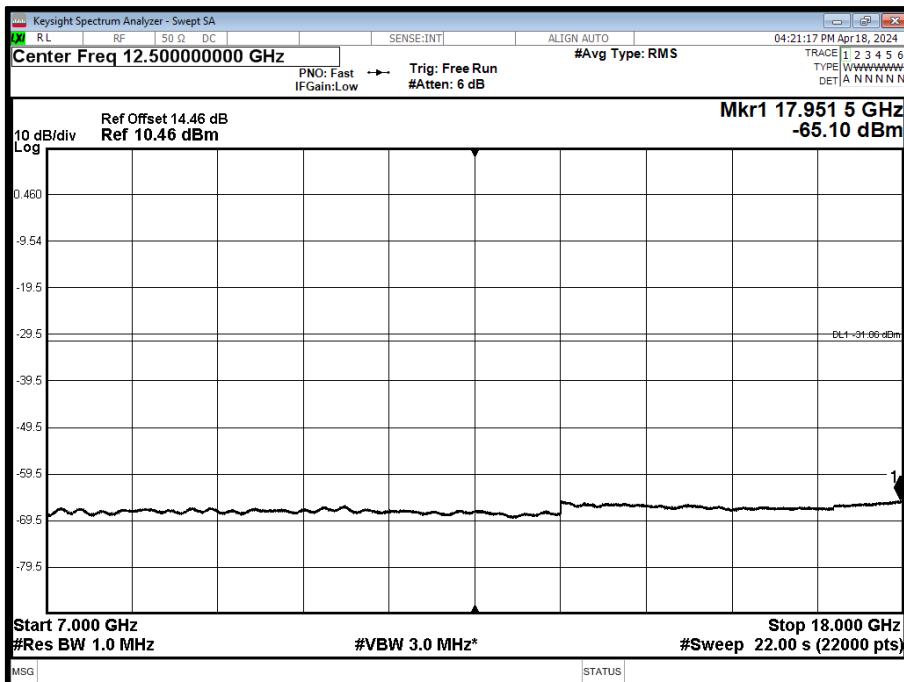




Antenna 19 - Test Case 4 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 20M Band 77G - Channel Position M - Band 5 - Range 3560 to 7000 MHz

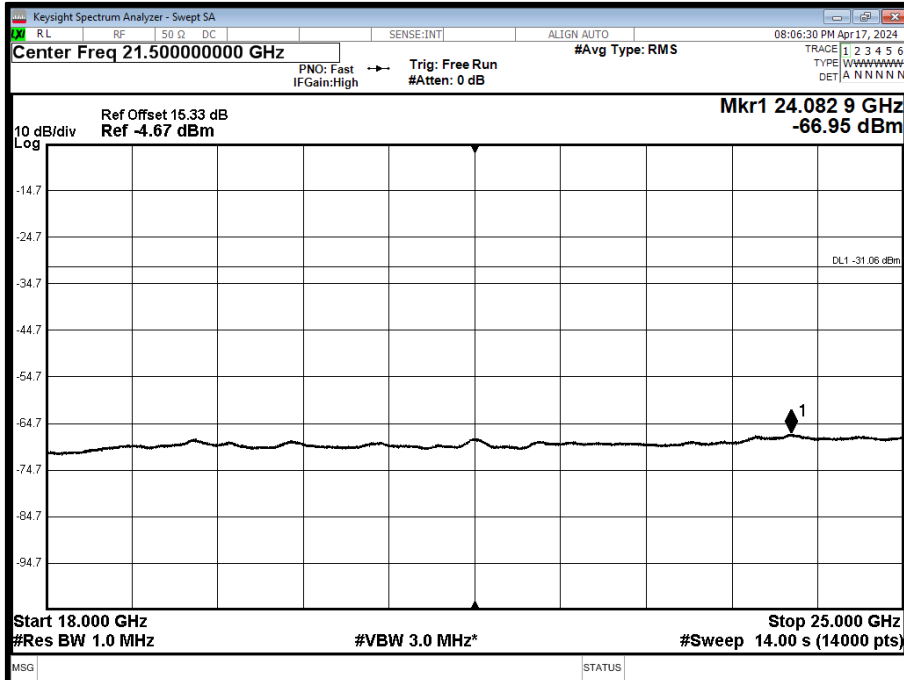


Antenna 19 - Test Case 4 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 20M Band 77G - Channel Position T - Band 6 - Range 7000 to 18000 MHz

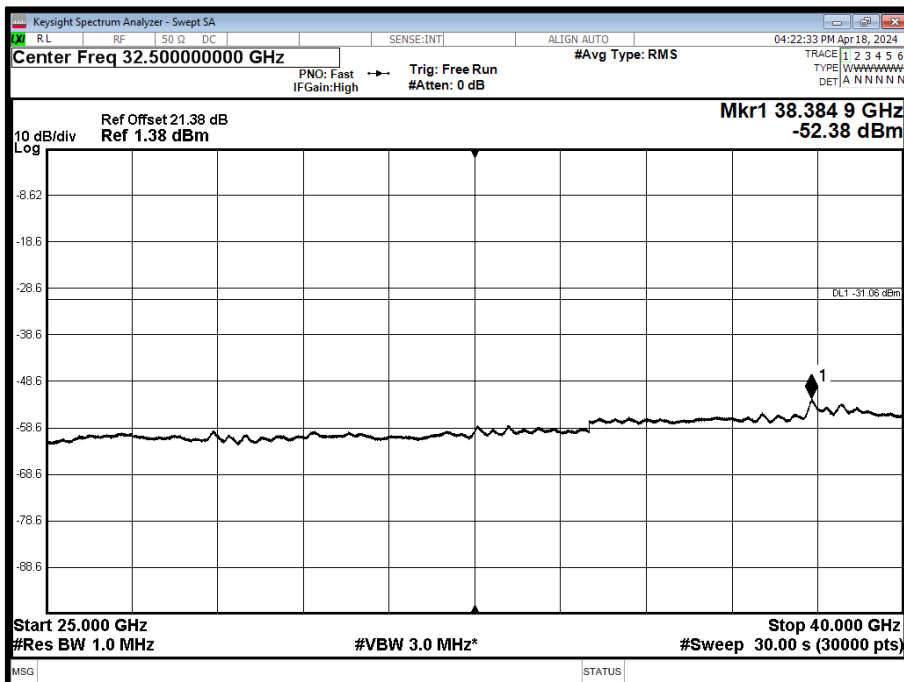




Antenna 19 - Test Case 4 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 20M Band 77G - Channel Position B - Band 7 - Range 18000 to 25000 MHz

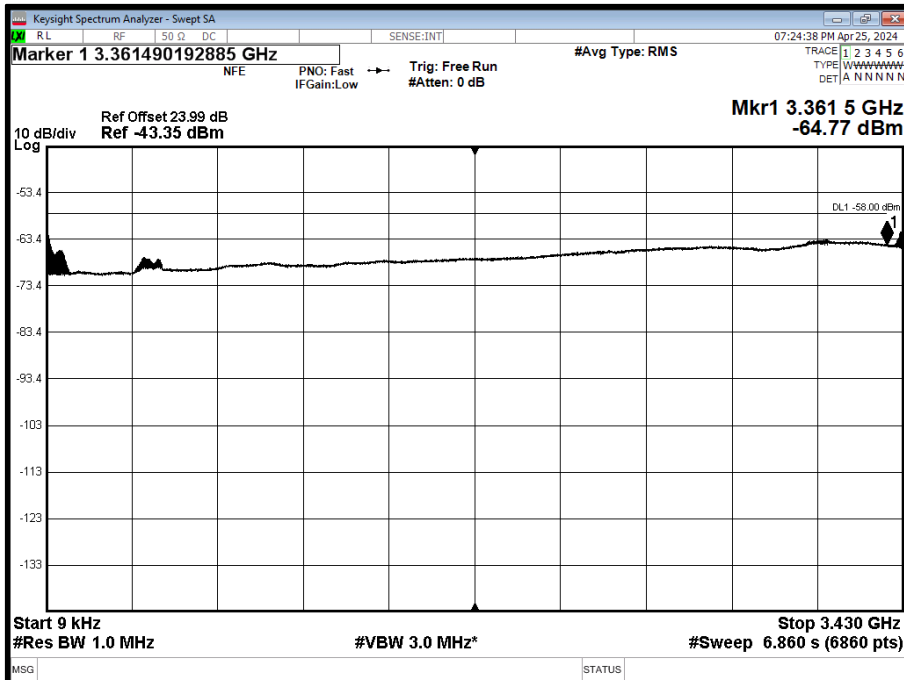


Antenna 19 - Test Case 4 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 20M Band 77G - Channel Position T - Band 8 - Range 25000 to 40000 MHz

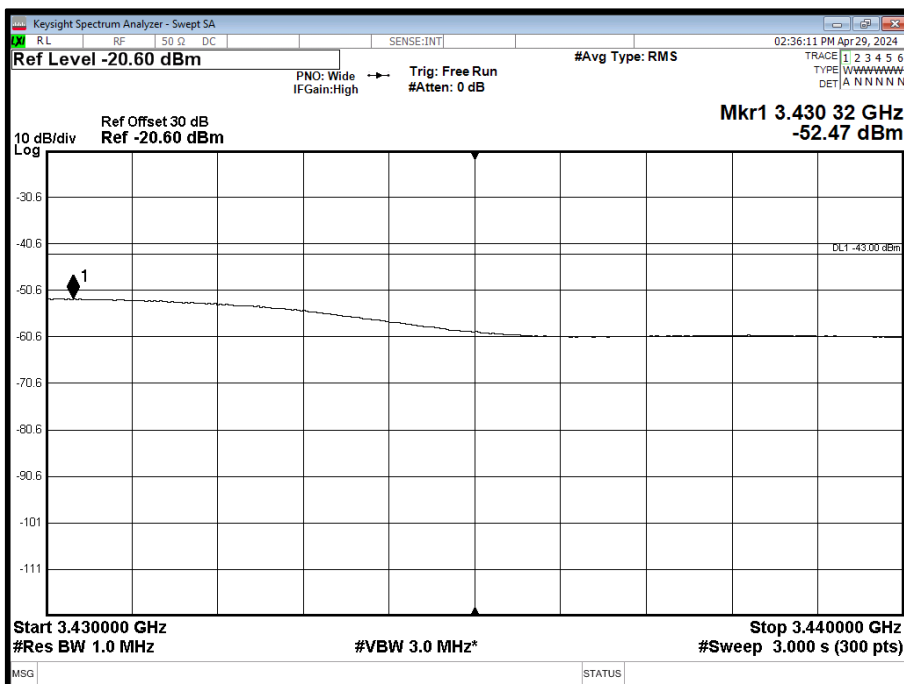




Antenna 19 - Test Case 5 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 20M Band 77G - Channel Position M - Band 1 - Range 0.009 to 3430 MHz

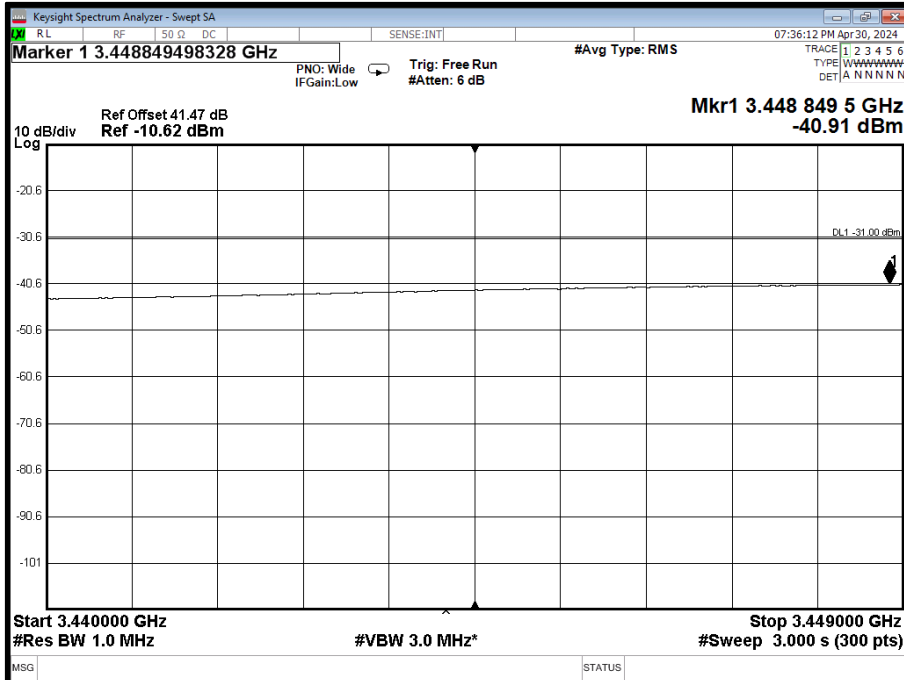


Antenna 19 - Test Case 5 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 20M Band 77G - Channel Position B - Band 2 - Range 3430 to 3440 MHz

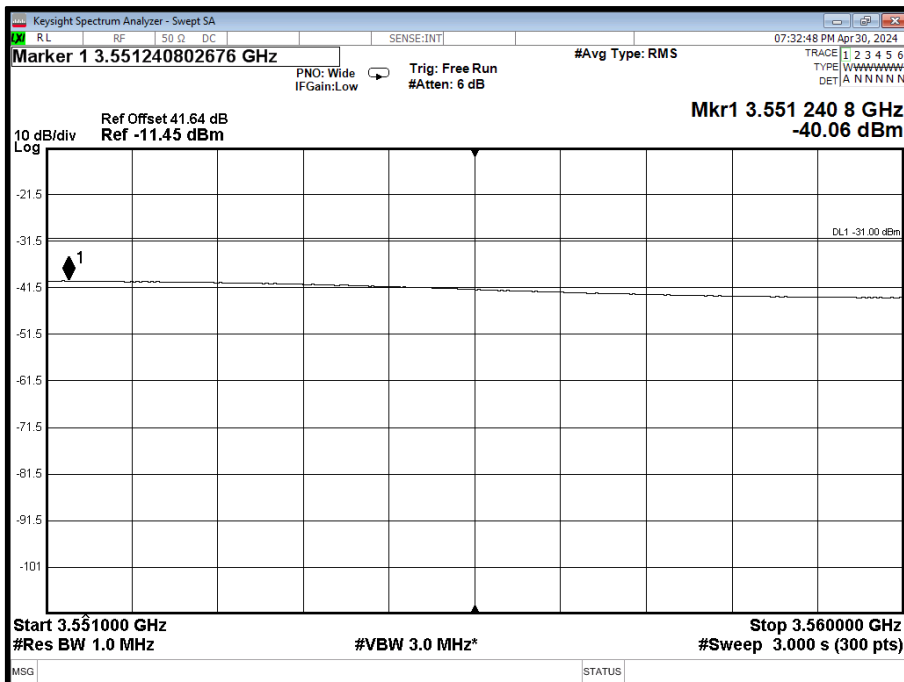




Antenna 19 - Test Case 5 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 20M Band 77G - Channel Position T - Band 3 - Range 3440 to 3449 MHz

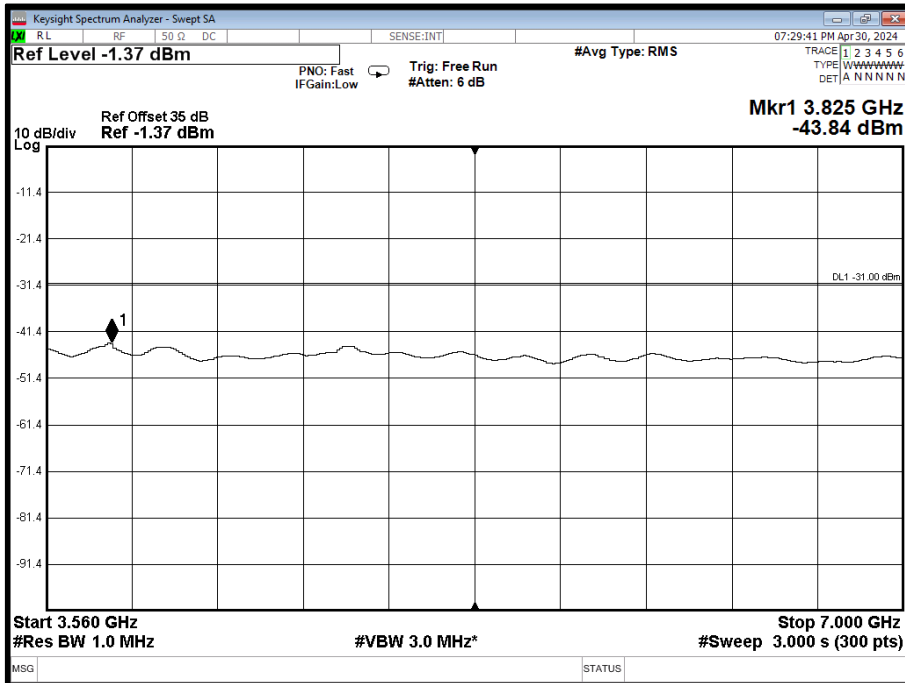


Antenna 19 - Test Case 5 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 20M Band 77G - Channel Position T - Band 4 - Range 3551 to 3560 MHz

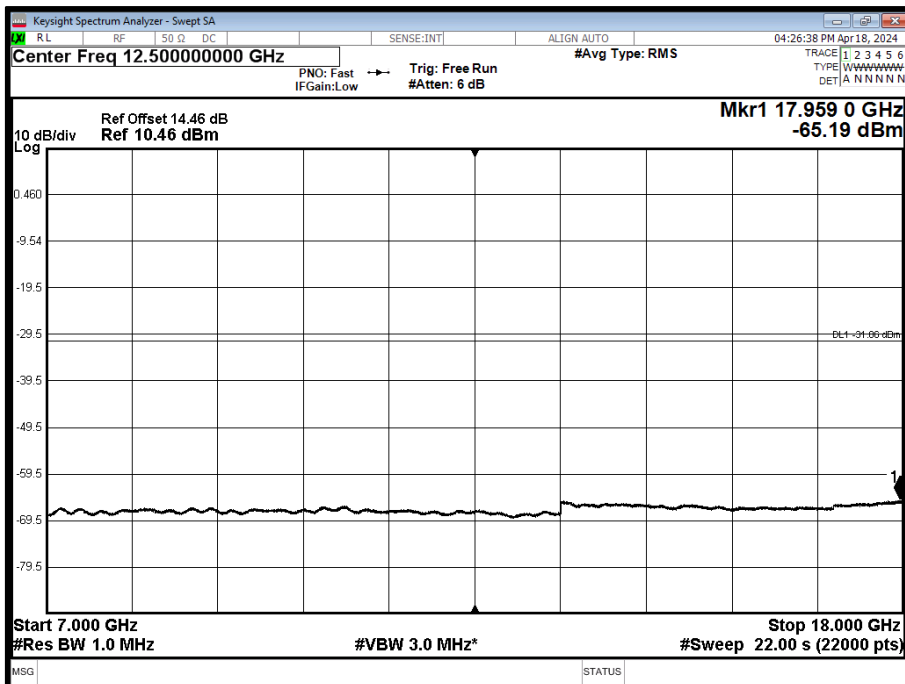




Antenna 19 - Test Case 5 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 20M Band 77G - Channel Position T - Band 5 - Range 3560 to 7000 MHz

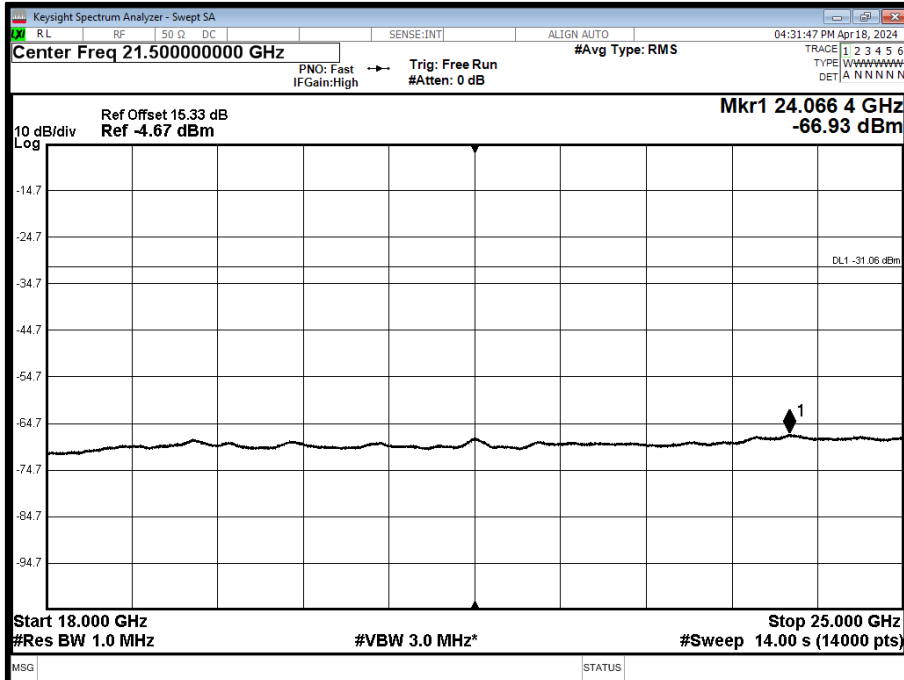


Antenna 19 - Test Case 5 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 20M Band 77G - Channel Position B - Band 6 - Range 7000 to 18000 MHz

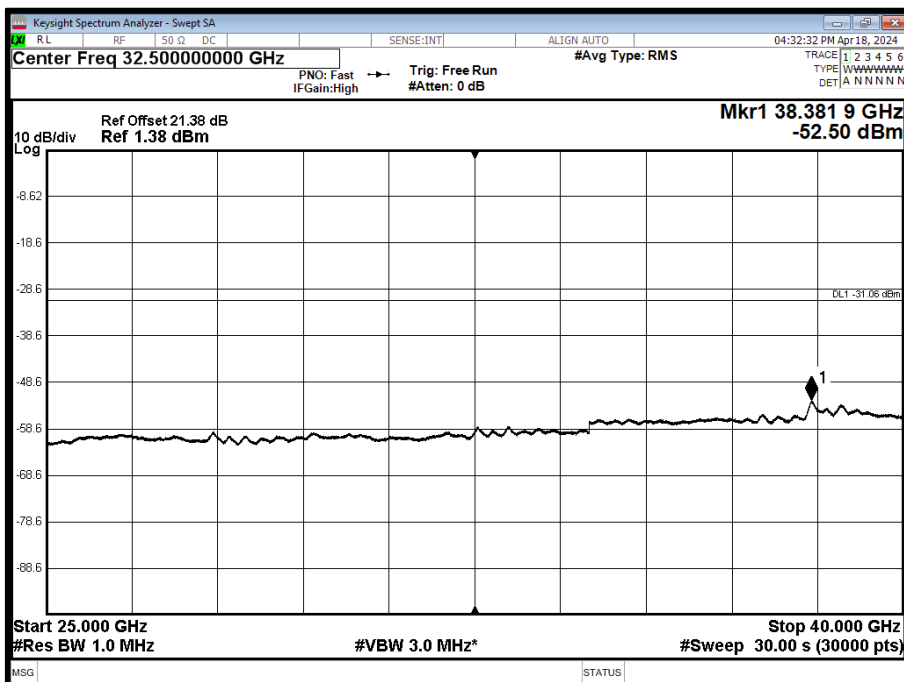




Antenna 19 - Test Case 5 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 20M Band 77G - Channel Position M - Band 7 - Range 18000 to 25000 MHz

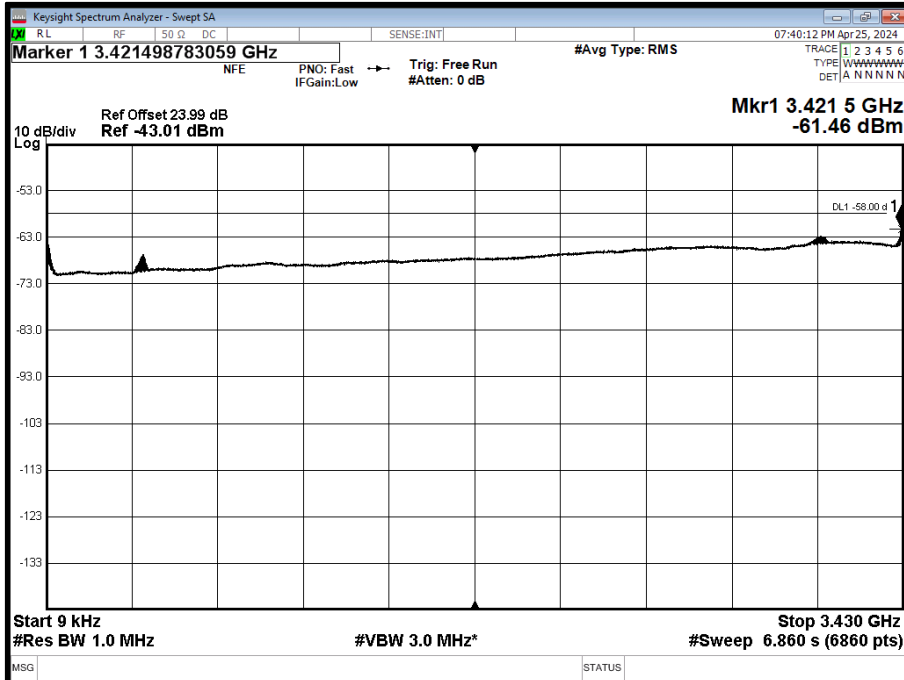


Antenna 19 - Test Case 5 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 20M Band 77G - Channel Position M - Band 8 - Range 25000 to 40000 MHz

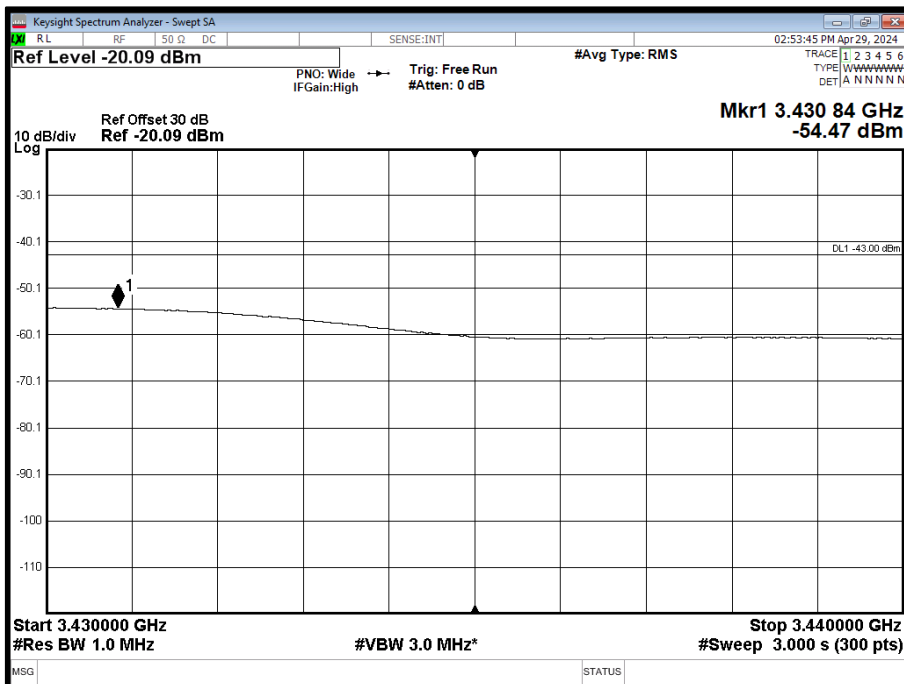




Antenna 19 - Test Case 6 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 40M Band 77G - Channel Position B - Band 1 - Range 0.009 to 3430 MHz

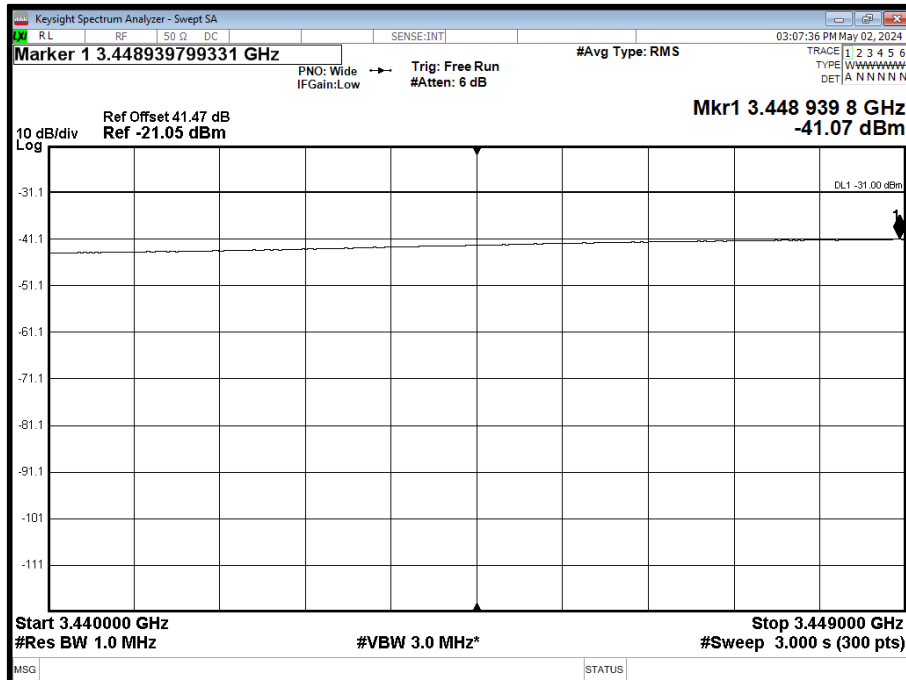


Antenna 19 - Test Case 6 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 40M Band 77G - Channel Position B - Band 2 - Range 3430 to 3440 MHz

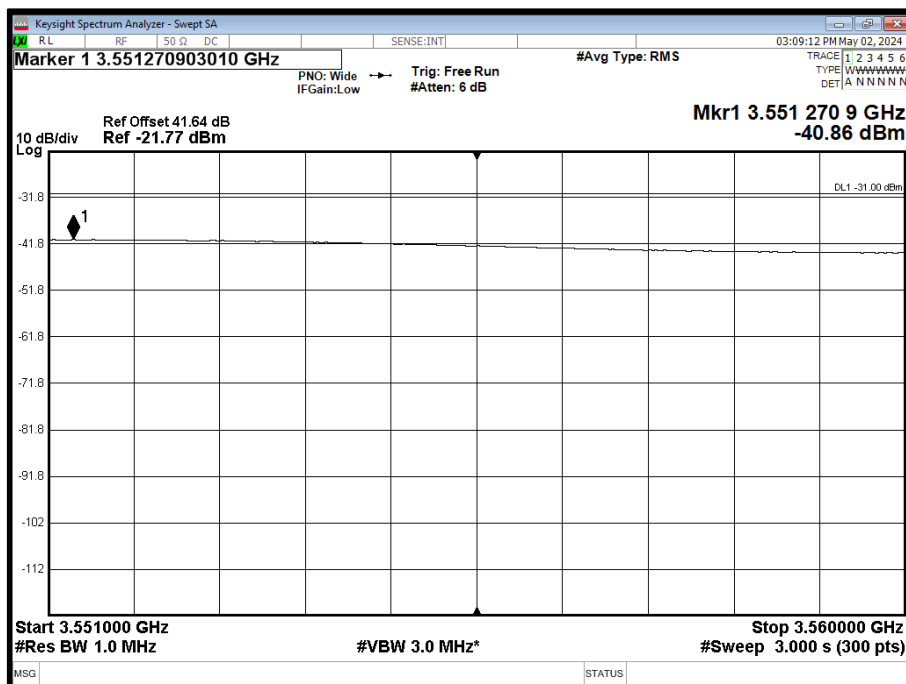




Antenna 19 - Test Case 6 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 40M Band 77G - Channel Position T - Band 3 - Range 3440 to 3449 MHz

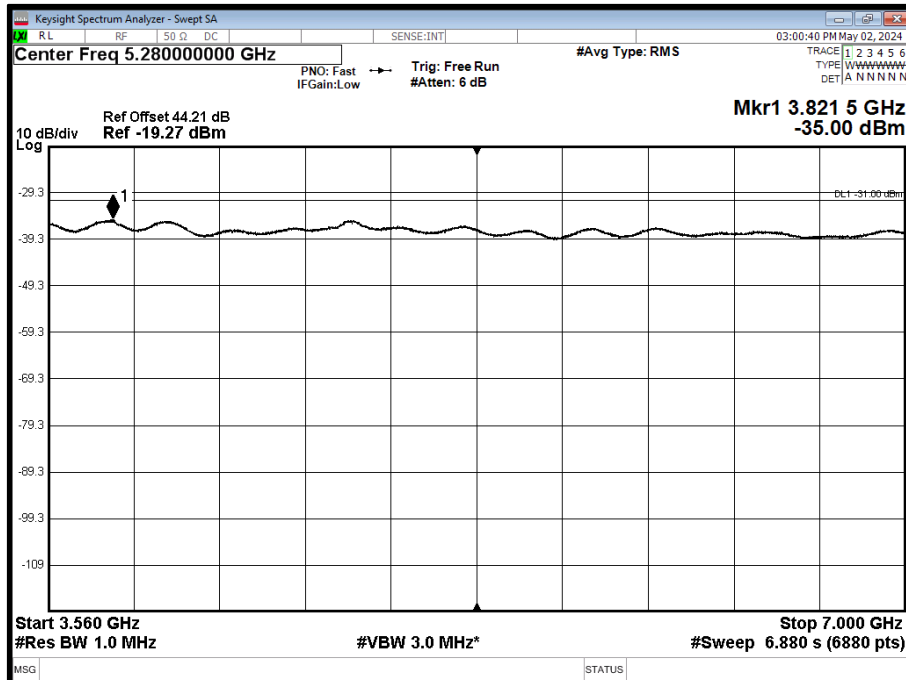


Antenna 19 - Test Case 6 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 40M Band 77G - Channel Position T - Band 4 - Range 3551 to 3560 MHz

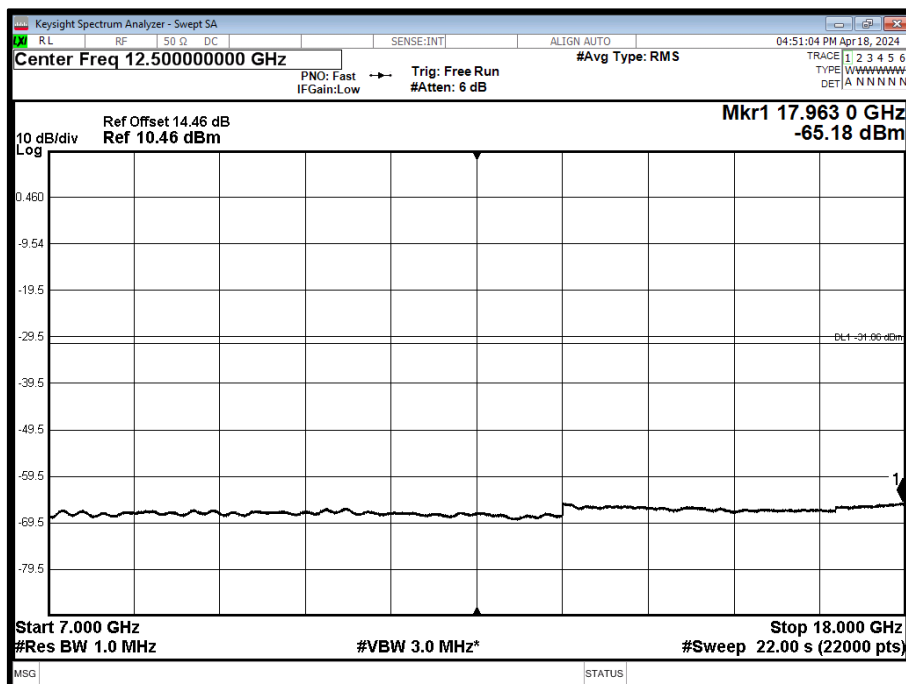




Antenna 19 - Test Case 6 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 40M Band 77G - Channel Position M - Band 5 - Range 3560 to 7000 MHz

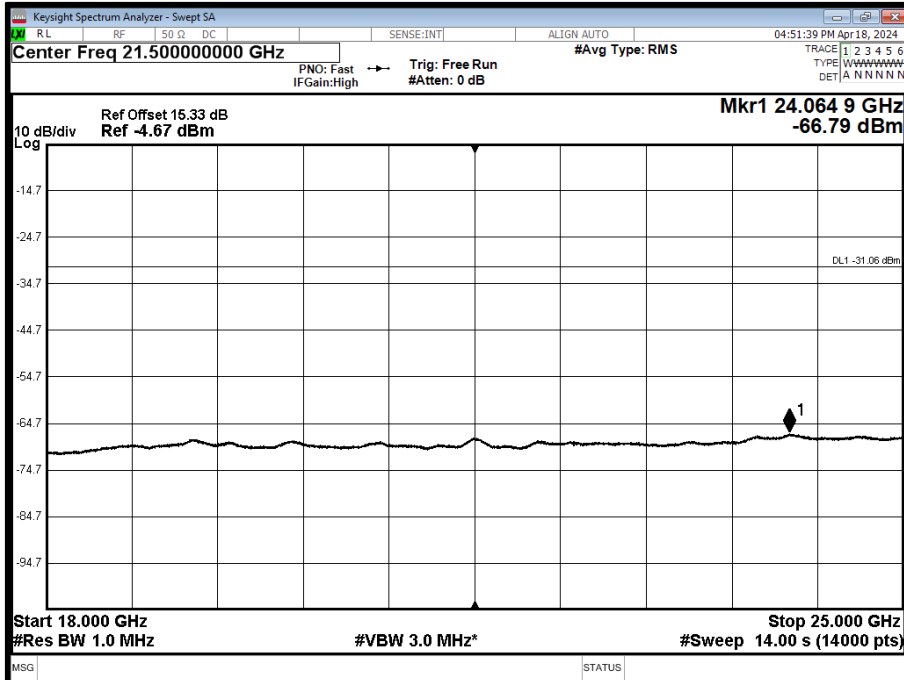


Antenna 19 - Test Case 6 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 40M Band 77G - Channel Position T - Band 6 - Range 7000 to 18000 MHz

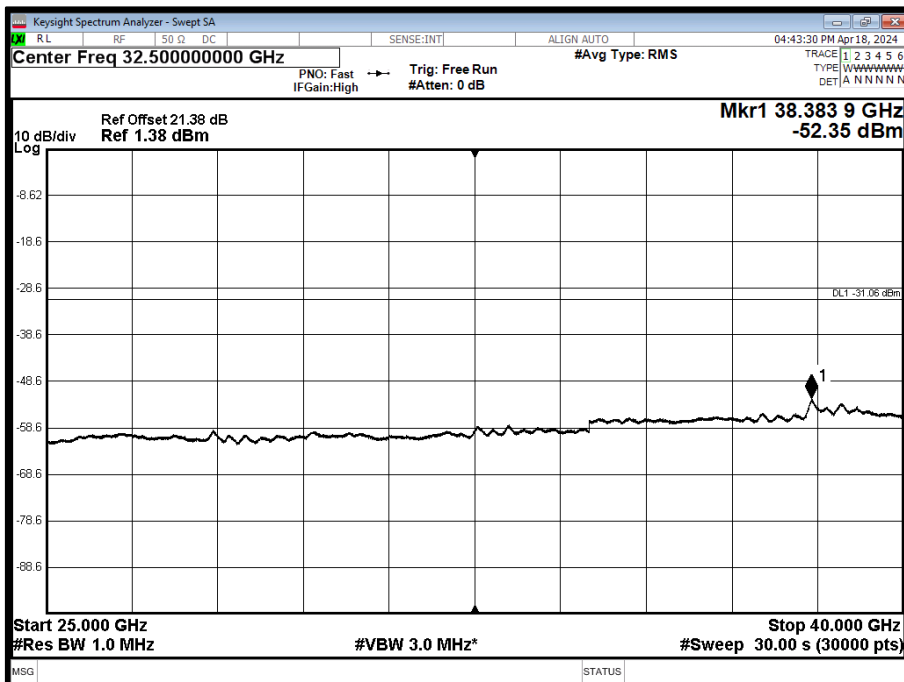




Antenna 19 - Test Case 6 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 40M Band 77G - Channel Position T - Band 7 - Range 18000 to 25000 MHz

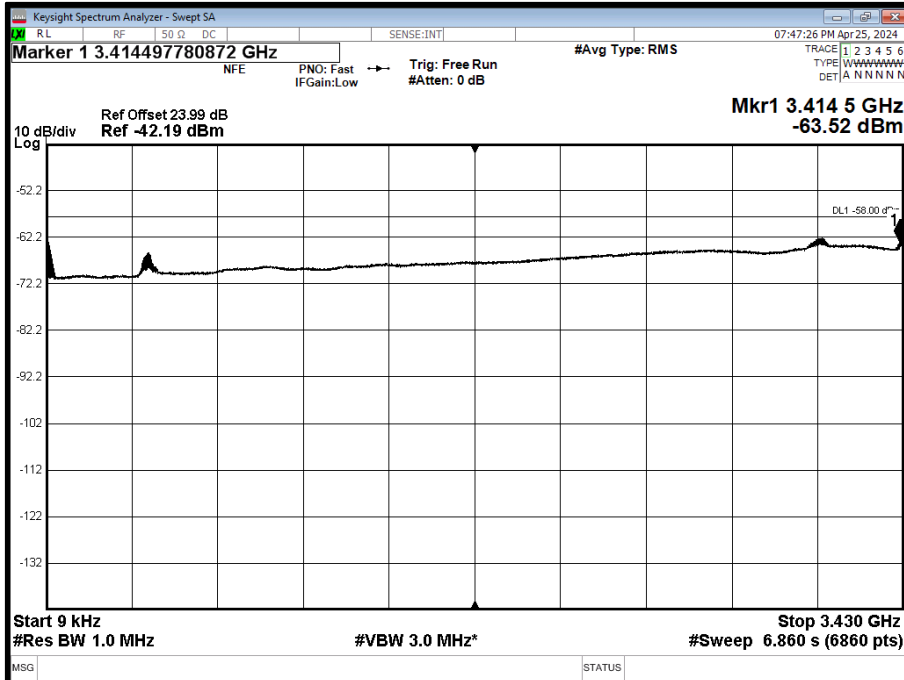


Antenna 19 - Test Case 6 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 40M Band 77G - Channel Position B - Band 8 - Range 25000 to 40000 MHz

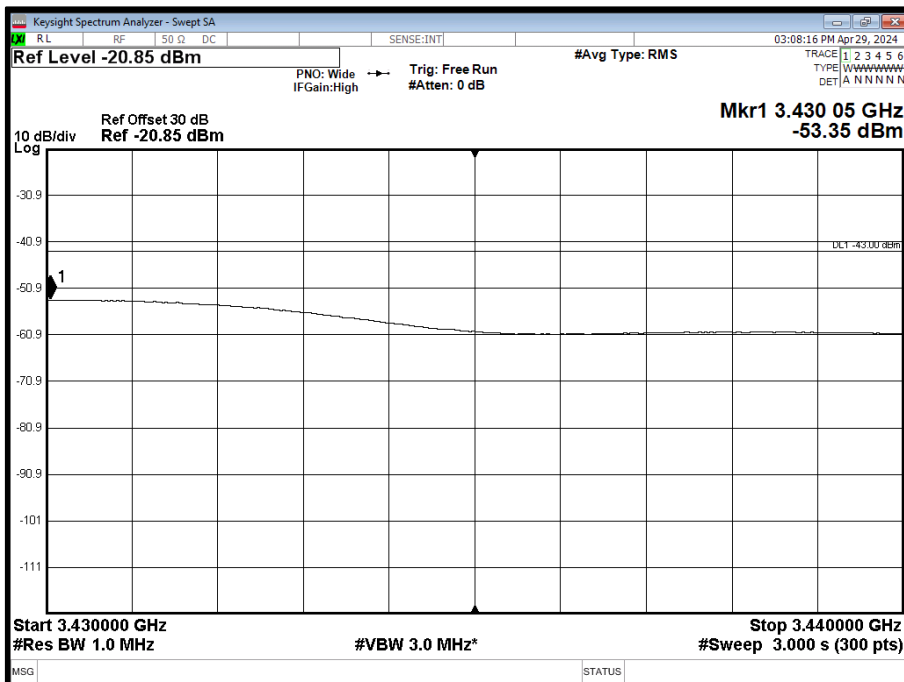




Antenna 19 - Test Case 7 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 40M Band 77G - Channel Position M - Band 1 - Range 0.009 to 3430 MHz

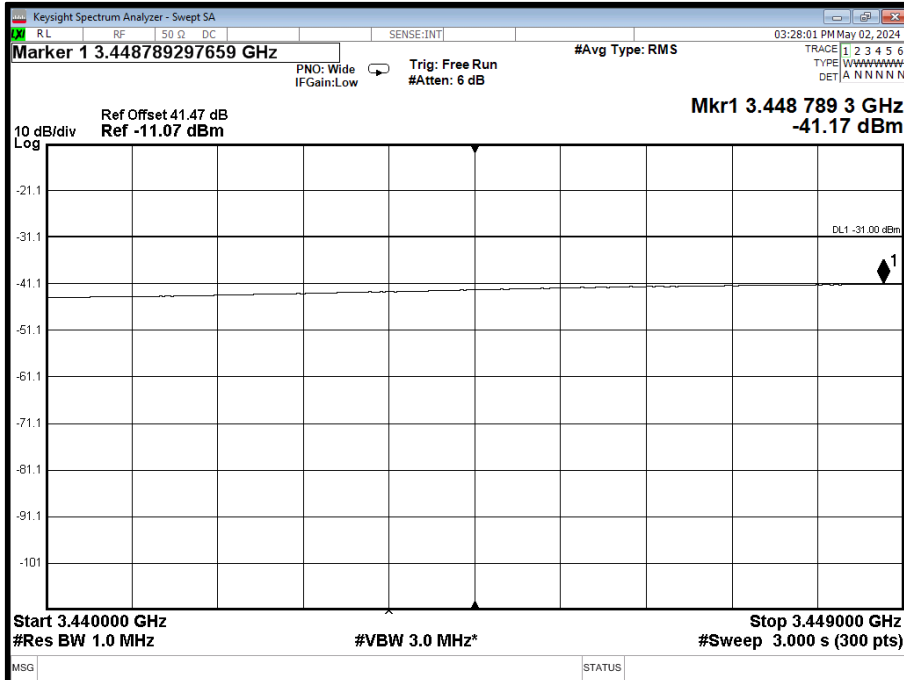


Antenna 19 - Test Case 7 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 40M Band 77G - Channel Position B - Band 2 - Range 3430 to 3440 MHz

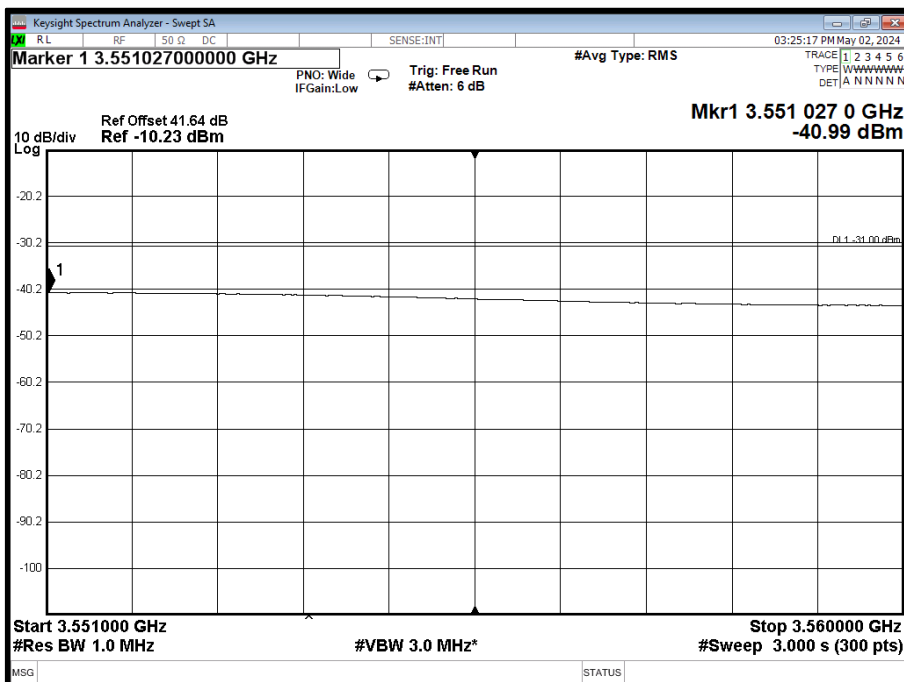




Antenna 19 - Test Case 7 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 40M Band 77G - Channel Position T - Band 3 - Range 3440 to 3449 MHz

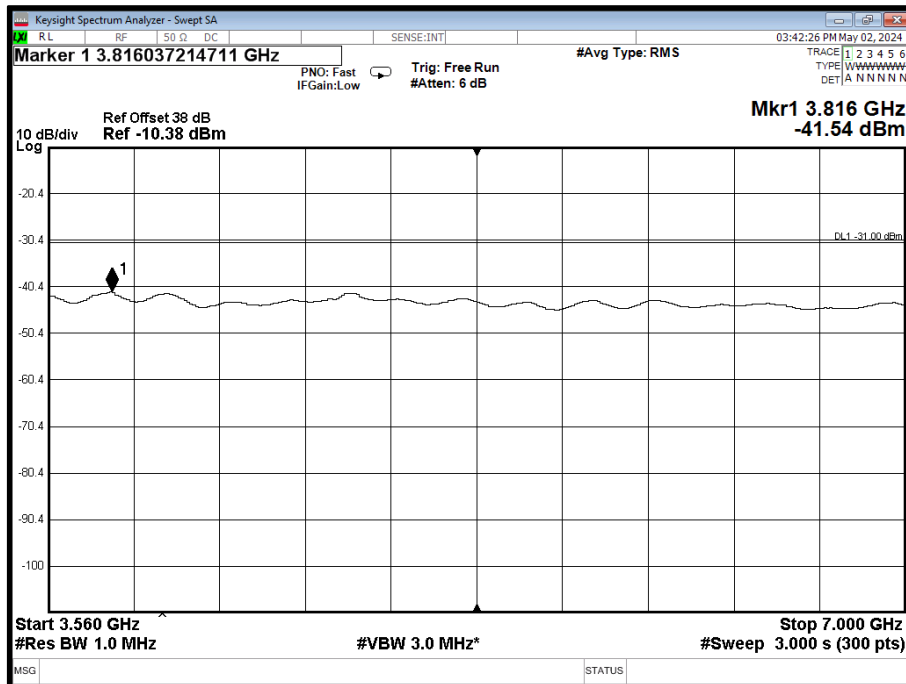


Antenna 19 - Test Case 7 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 40M Band 77G - Channel Position T - Band 4 - Range 3551 to 3560 MHz

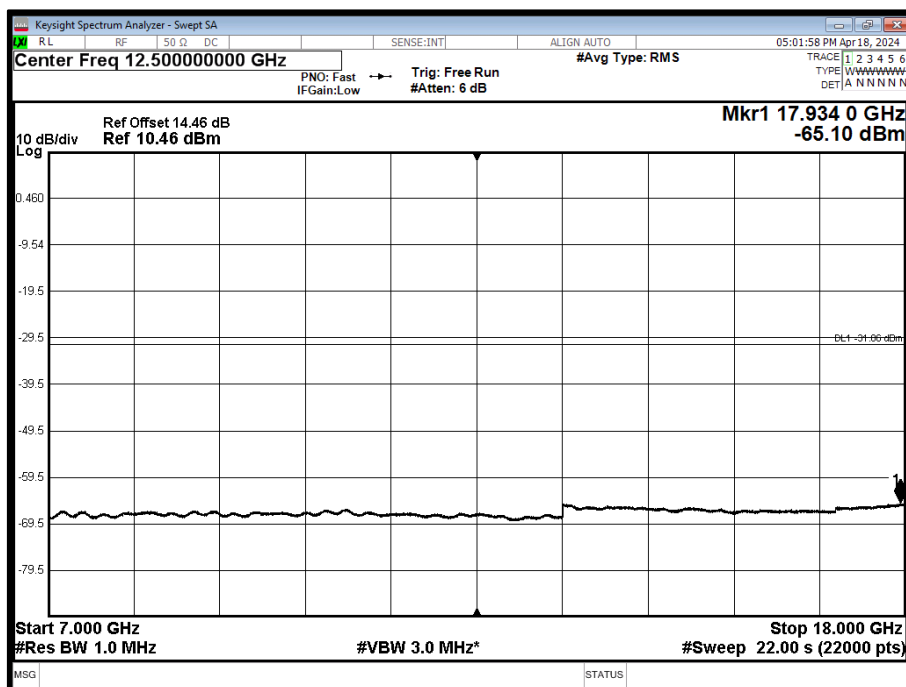




Antenna 19 - Test Case 7 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 40M Band 77G - Channel Position M - Band 5 - Range 3560 to 7000 MHz

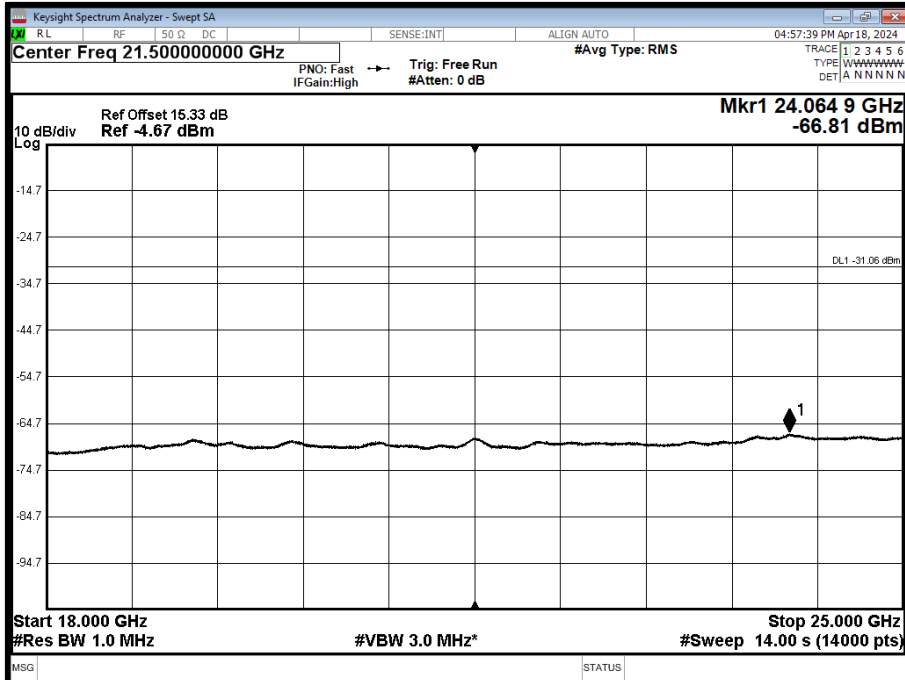


Antenna 19 - Test Case 7 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 40M Band 77G - Channel Position M - Band 6 - Range 7000 to 18000 MHz

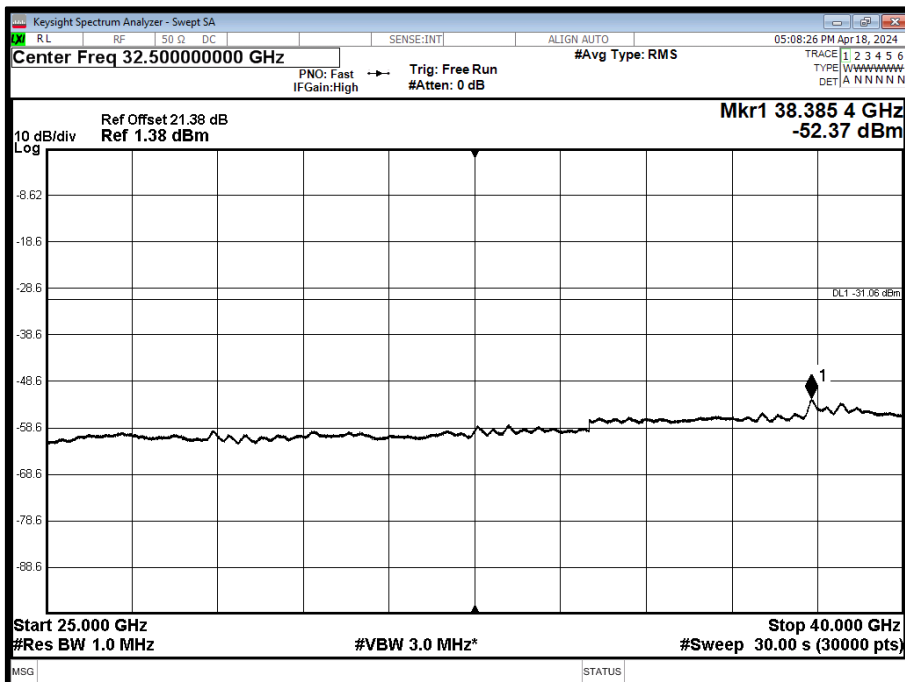




Antenna 19 - Test Case 7 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 40M Band 77G - Channel Position B - Band 7 - Range 18000 to 25000 MHz

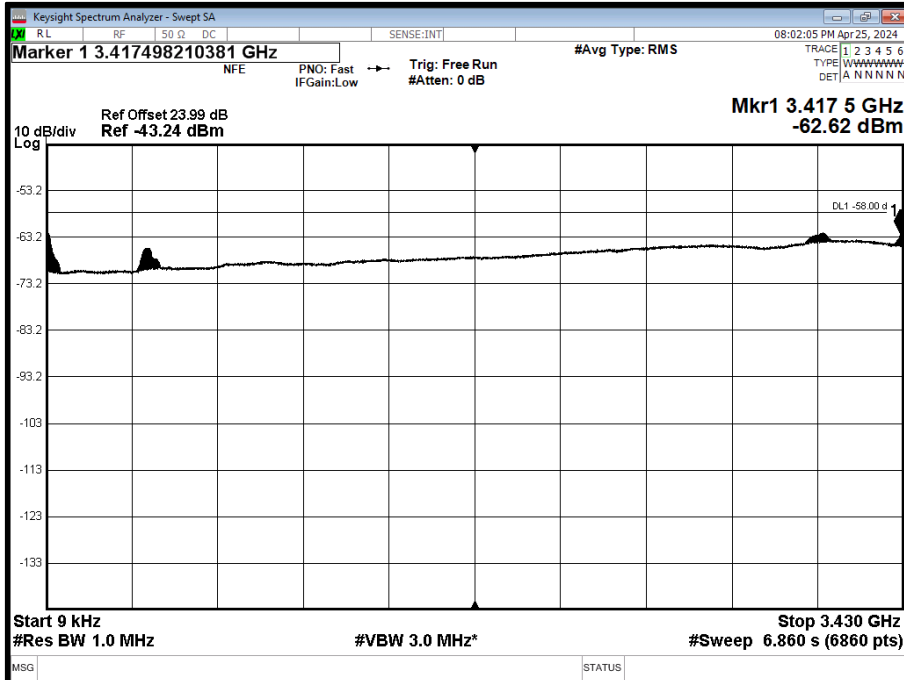


Antenna 19 - Test Case 7 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 40M Band 77G - Channel Position T - Band 8 - Range 25000 to 40000 MHz

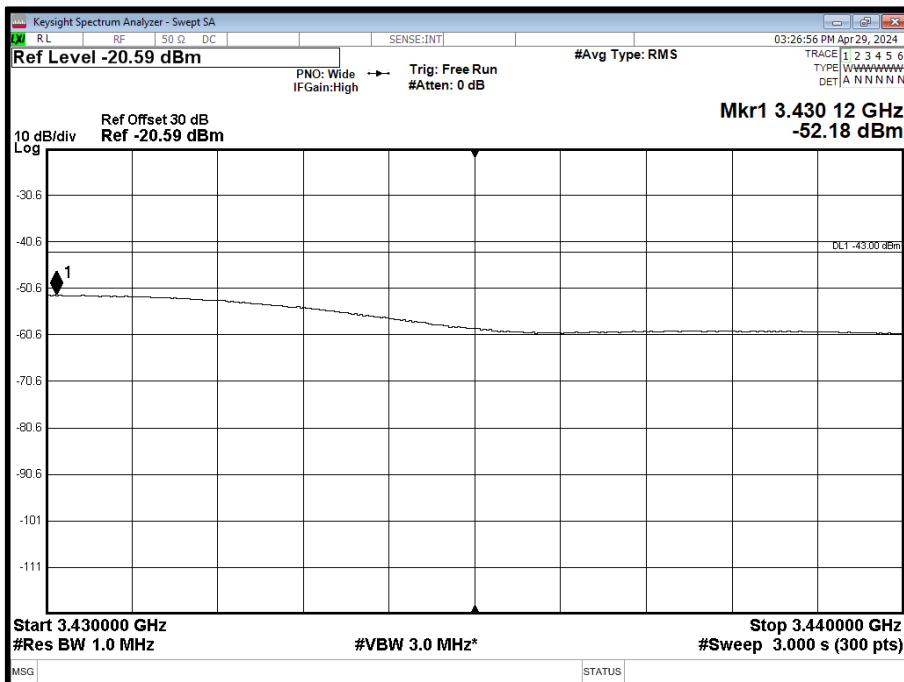




Antenna 19 - Test Case 8 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 40M Band 77G - Channel Position M - Band 1 - Range 0.009 to 3430 MHz

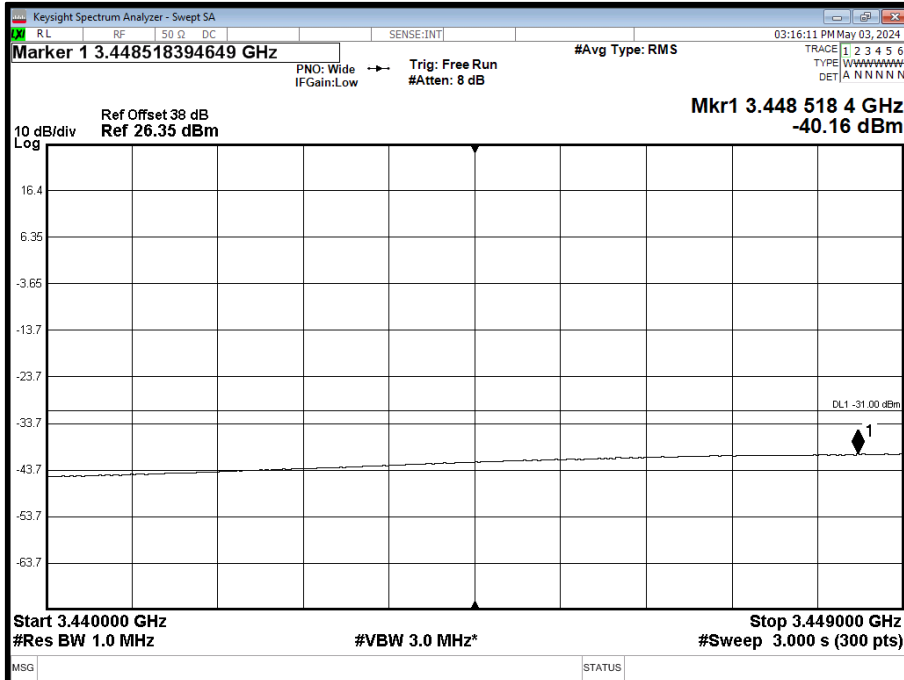


Antenna 19 - Test Case 8 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 40M Band 77G - Channel Position B - Band 2 - Range 3430 to 3440 MHz

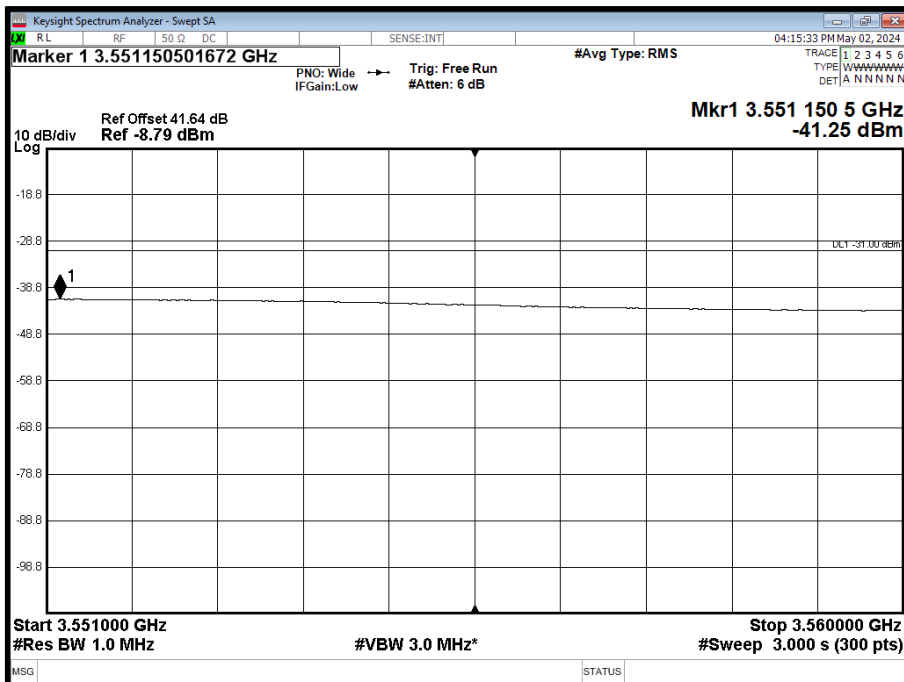




Antenna 19 - Test Case 8 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 40M Band 77G - Channel Position M - Band 3 - Range 3440 to 3449 MHz

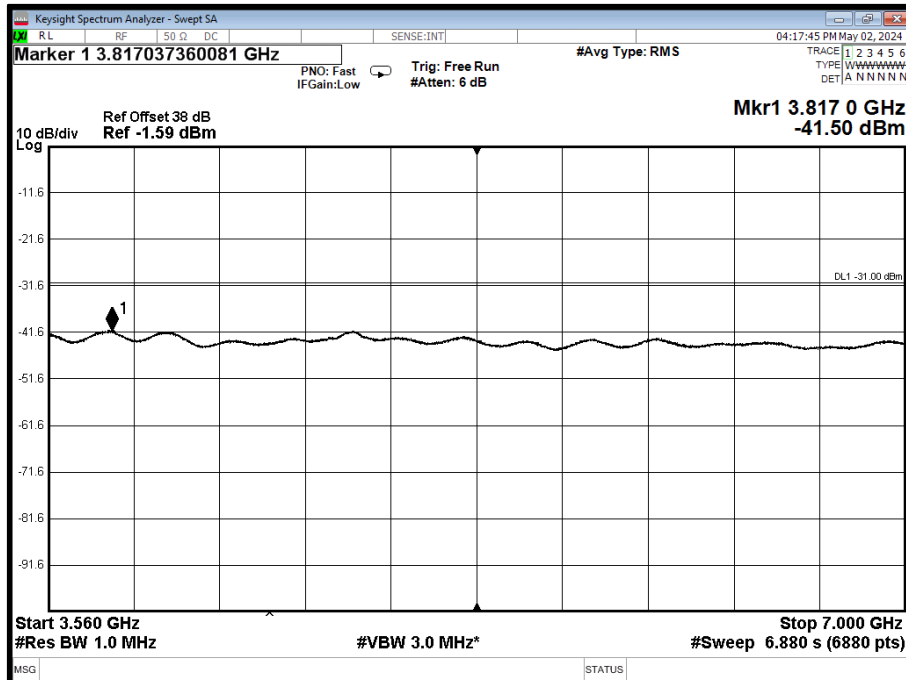


Antenna 19 - Test Case 8 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 40M Band 77G - Channel Position B - Band 4 - Range 3551 to 3560 MHz

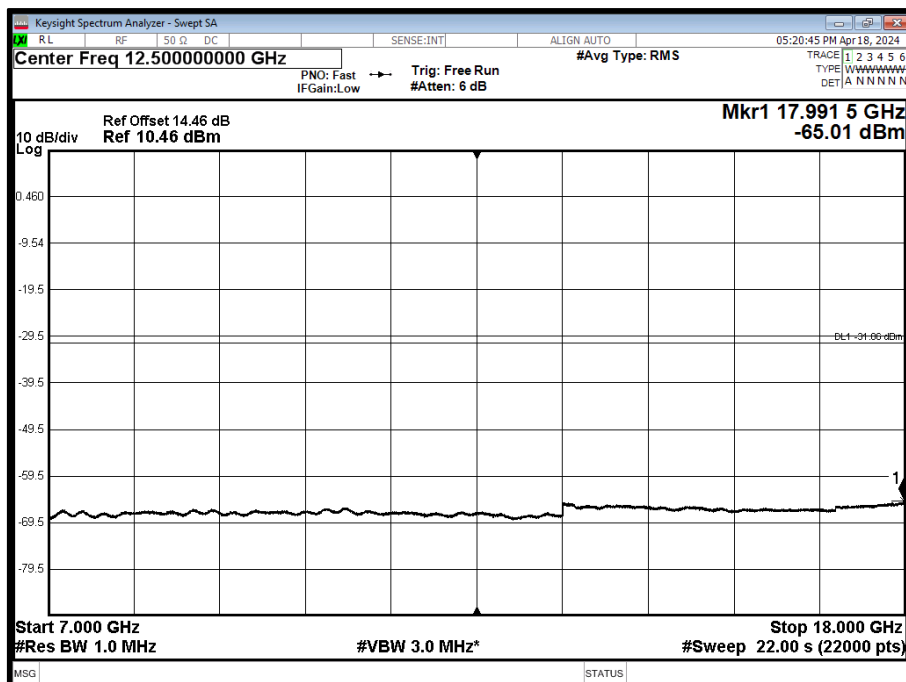




Antenna 19 - Test Case 8 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 40M Band 77G - Channel Position B - Band 5 - Range 3560 to 7000 MHz

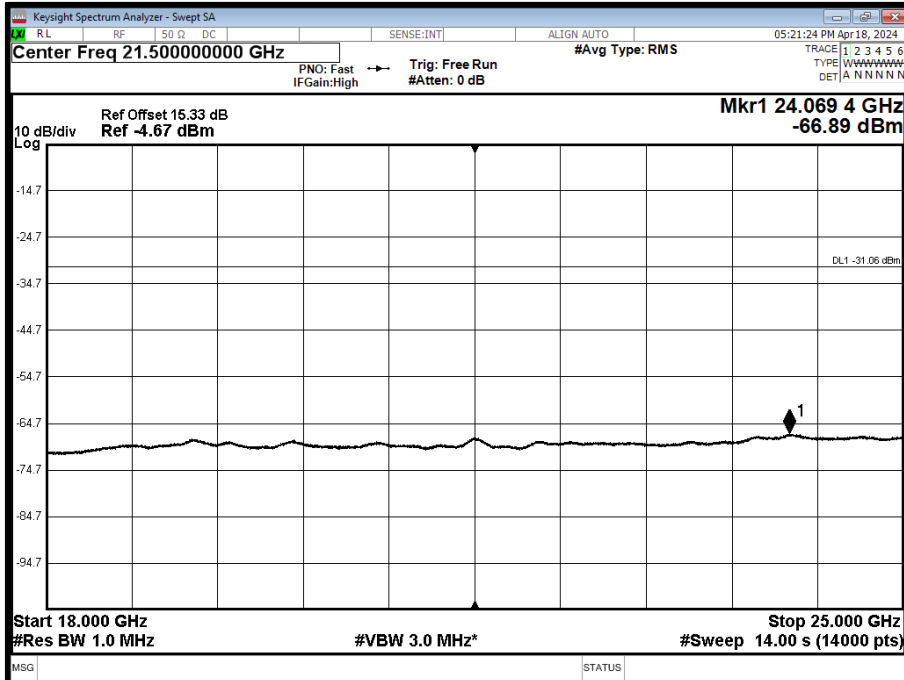


Antenna 19 - Test Case 8 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 40M Band 77G - Channel Position M - Band 6 - Range 7000 to 18000 MHz

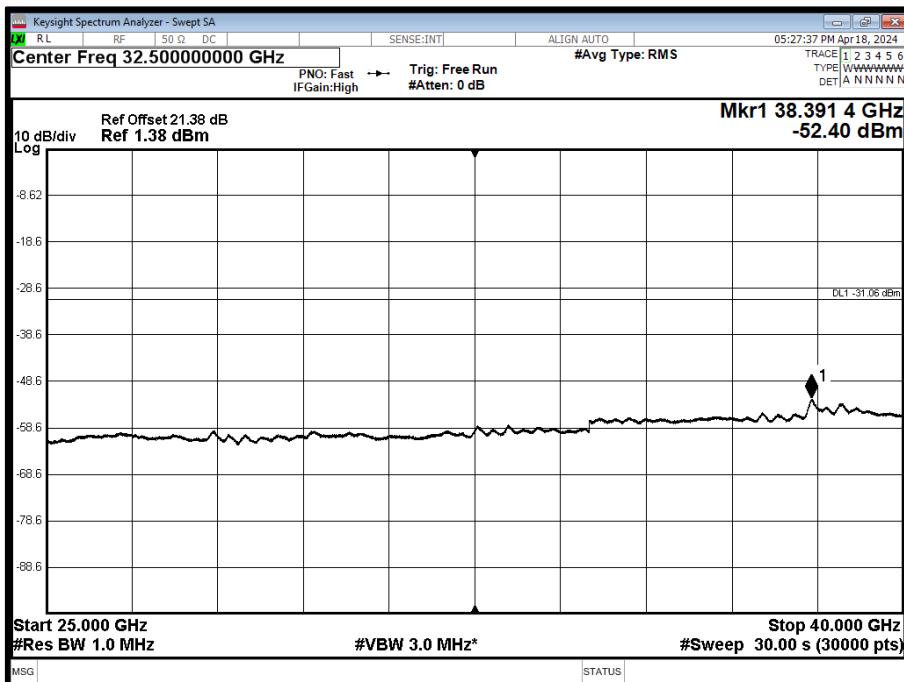




Antenna 19 - Test Case 8 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 40M Band 77G - Channel Position M - Band 7 - Range 18000 to 25000 MHz

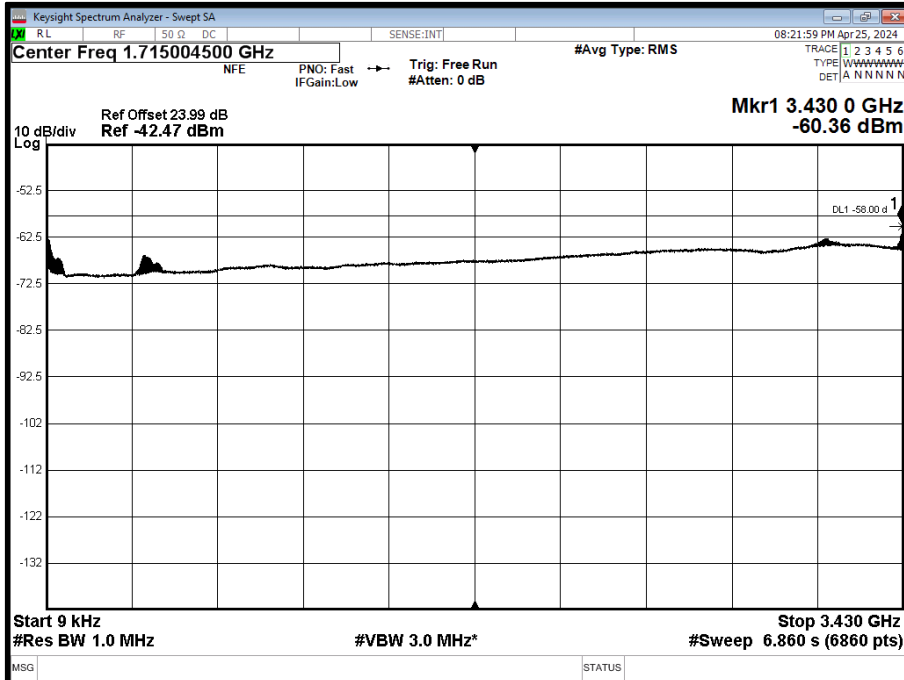


Antenna 19 - Test Case 8 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 40M Band 77G - Channel Position T - Band 8 - Range 25000 to 40000 MHz

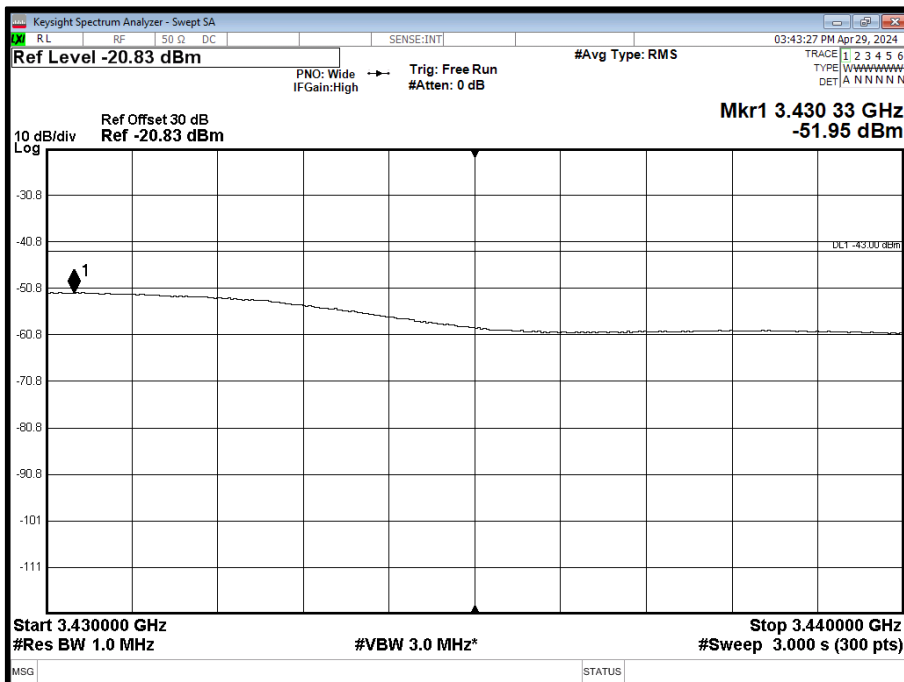




Antenna 19 - Test Case 9 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 40M Band 77G - Channel Position T - Band 1 - Range 0.009 to 3430 MHz

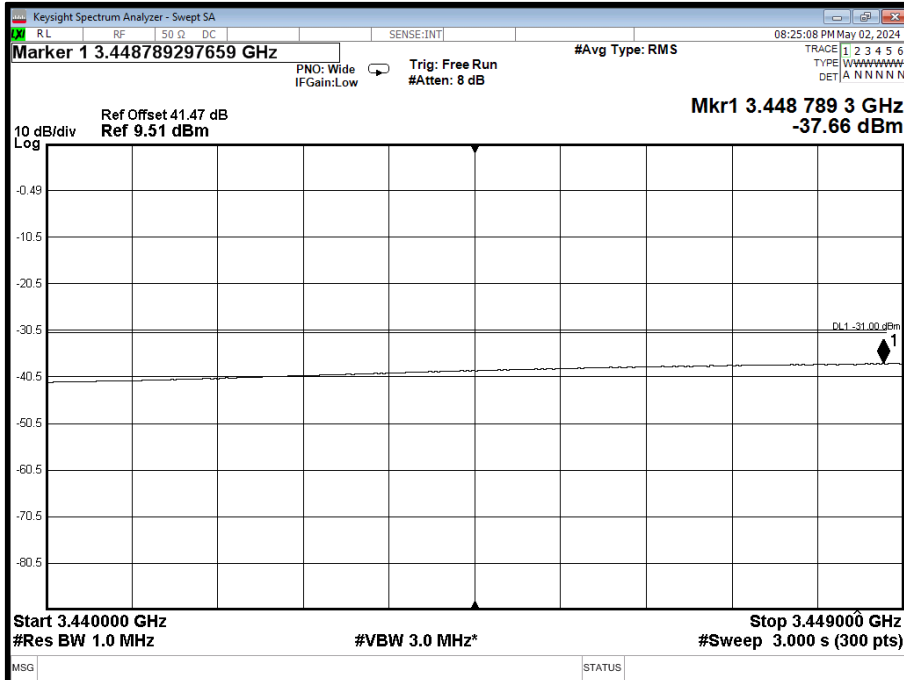


Antenna 19 - Test Case 9 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 40M Band 77G - Channel Position B - Band 2 - Range 3430 to 3440 MHz

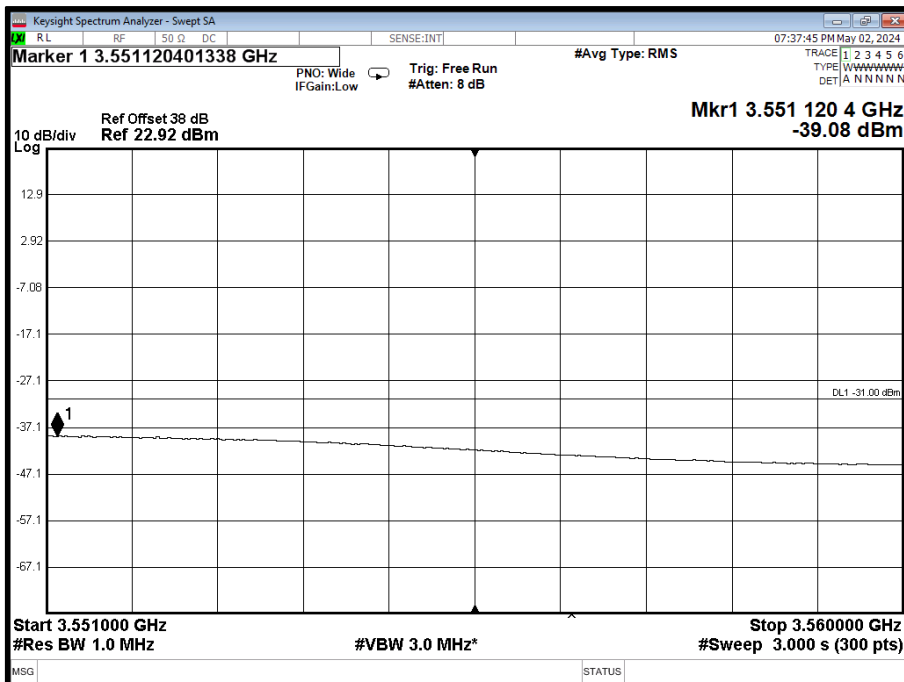




Antenna 19 - Test Case 9 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 40M Band 77G - Channel Position T - Band 3 - Range 3440 to 3449 MHz

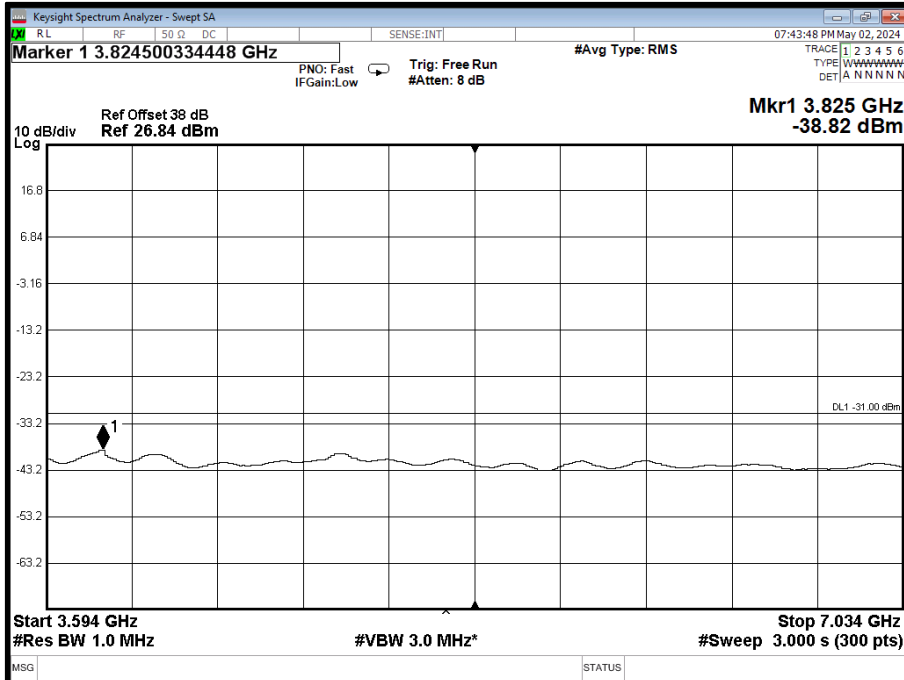


Antenna 19 - Test Case 9 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 40M Band 77G - Channel Position M - Band 4 - Range 3551 to 3560 MHz

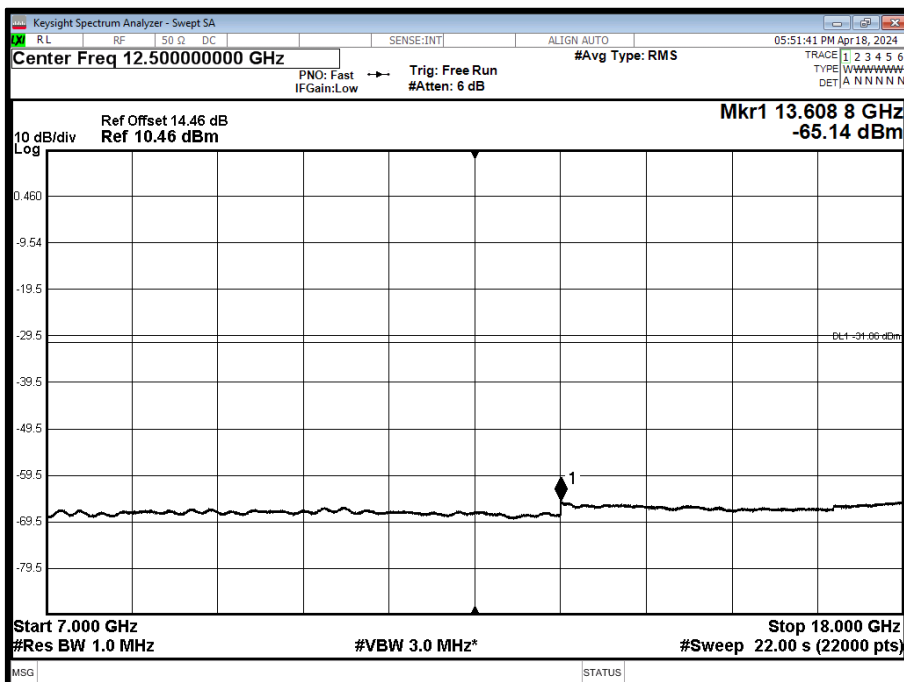




Antenna 19 - Test Case 9 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 40M Band 77G - Channel Position B - Band 5 - Range 3560 to 7000 MHz

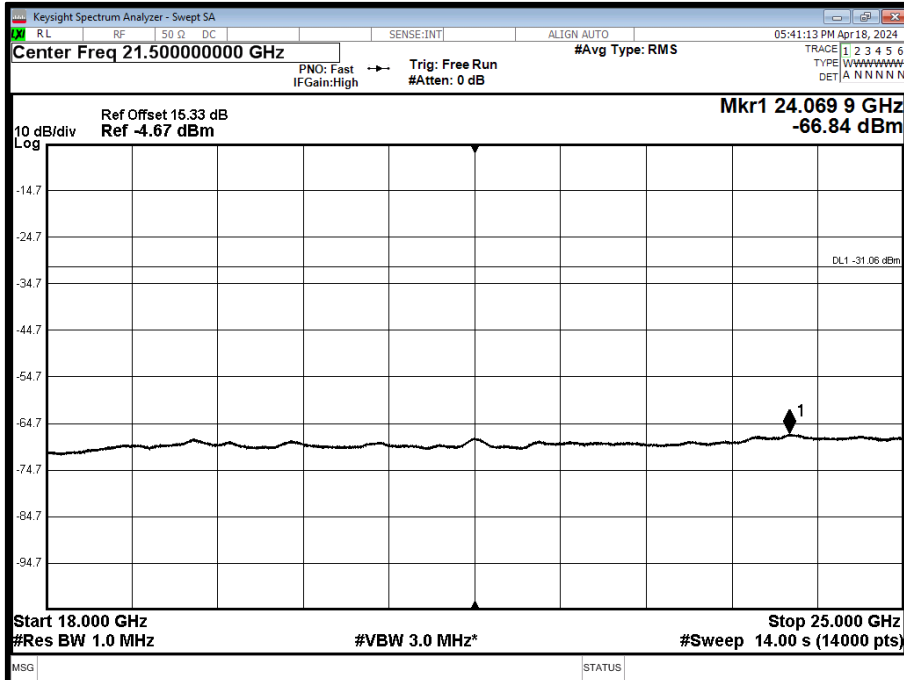


Antenna 19 - Test Case 9 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 40M Band 77G - Channel Position T - Band 6 - Range 7000 to 18000 MHz

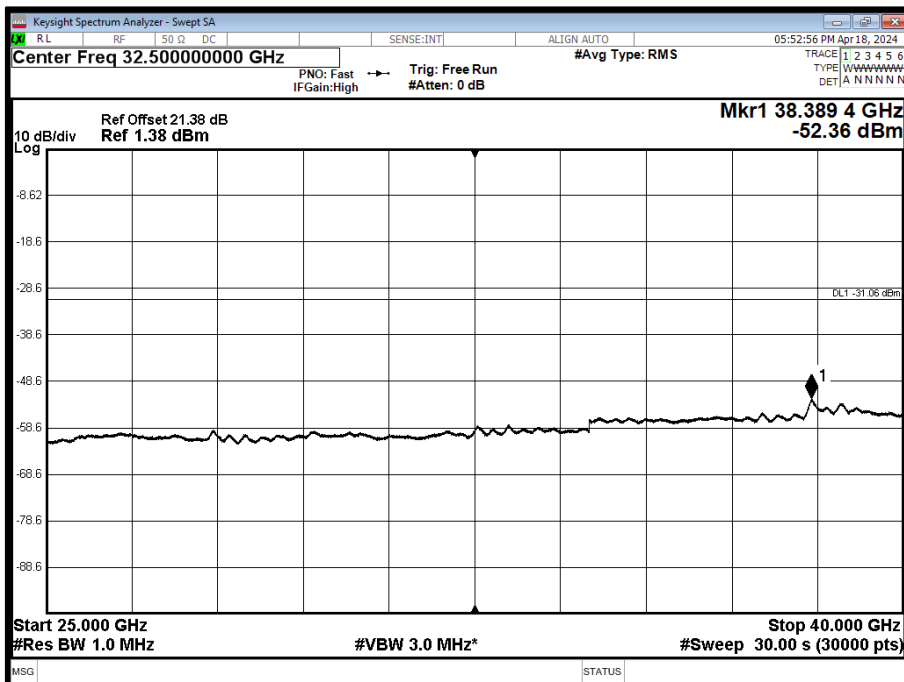




Antenna 19 - Test Case 9 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 40M Band 77G - Channel Position B - Band 7 - Range 18000 to 25000 MHz

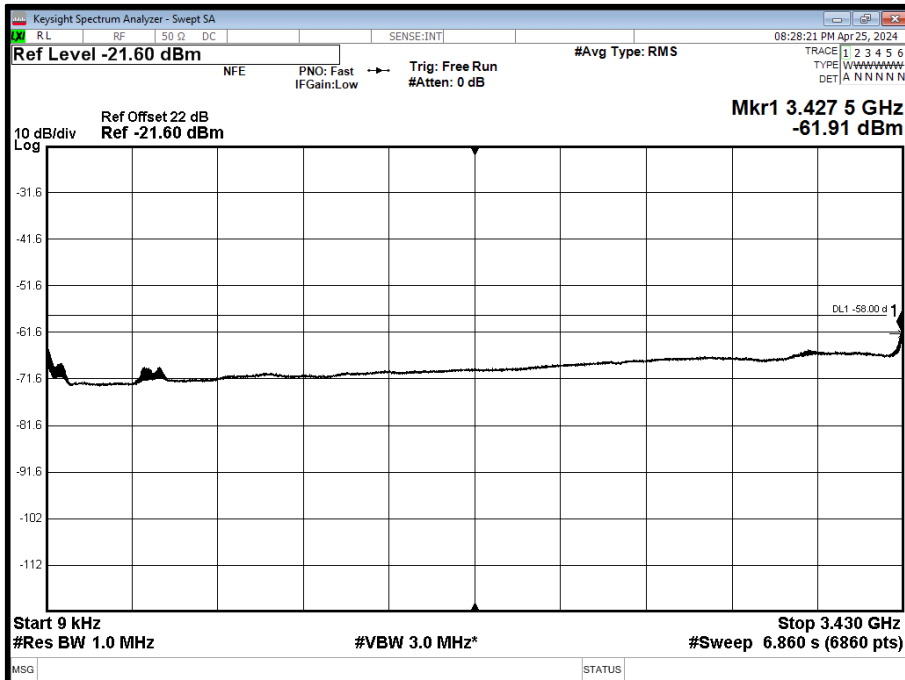


Antenna 19 - Test Case 9 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 40M Band 77G - Channel Position T - Band 8 - Range 25000 to 40000 MHz

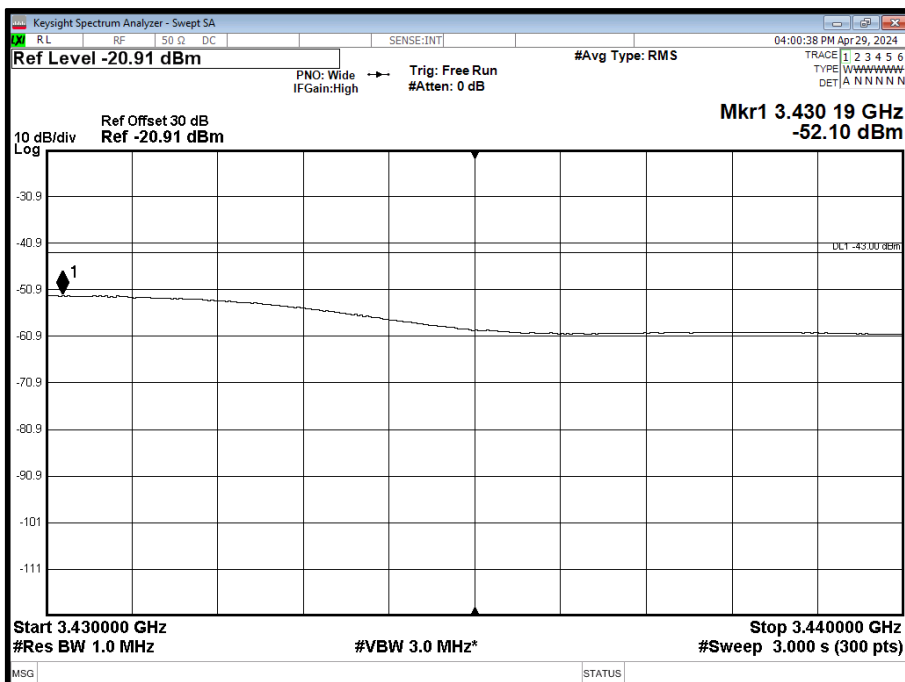




Antenna 19 - Test Case 10 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 40M Band 77G - Channel Position B - Band 1 - Range 0.009 to 3430 MHz

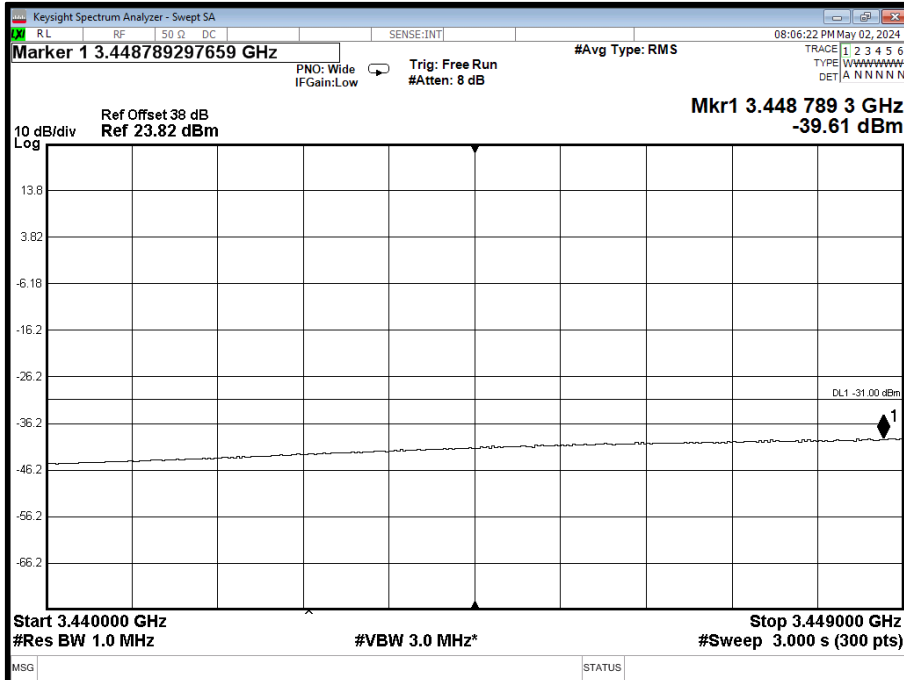


Antenna 19 - Test Case 10 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 40M Band 77G - Channel Position B - Band 2 - Range 3430 to 3440 MHz

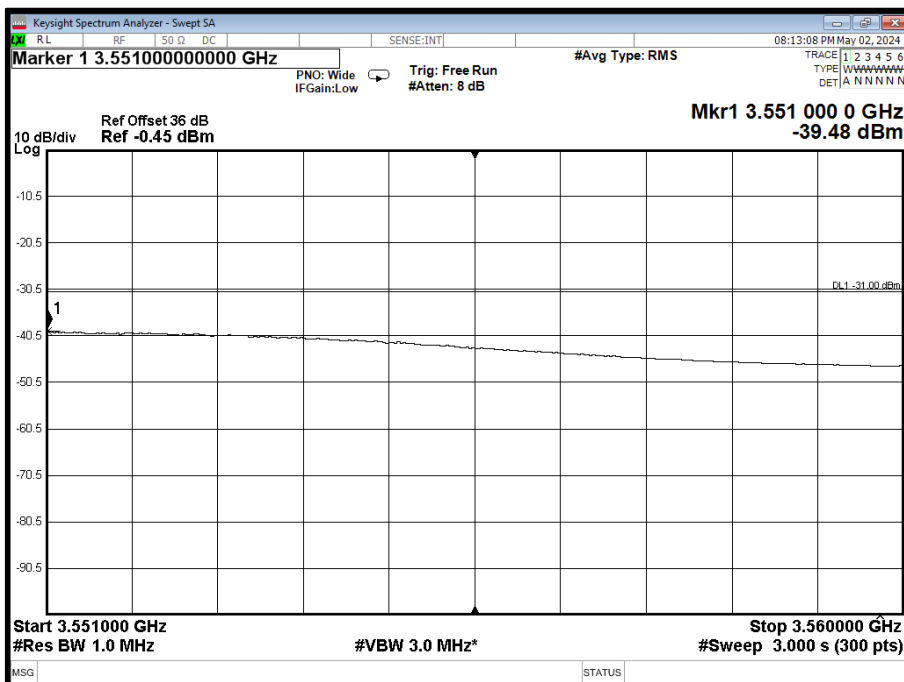




Antenna 19 - Test Case 10 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 40M Band 77G - Channel Position M - Band 3 - Range 3440 to 3449 MHz

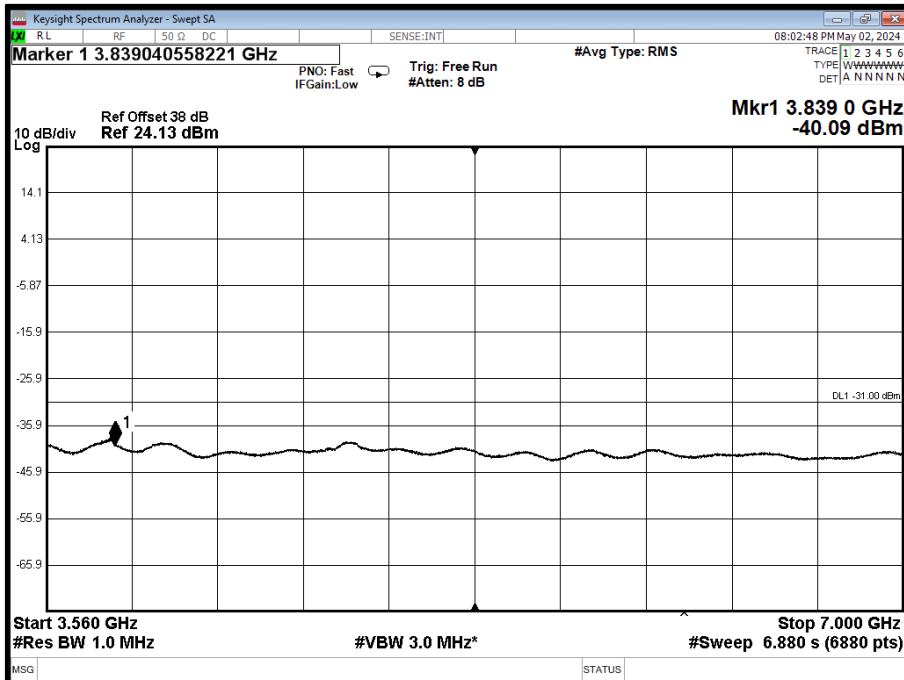


Antenna 19 - Test Case 10 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 40M Band 77G - Channel Position T - Band 4 - Range 3551 to 3560 MHz

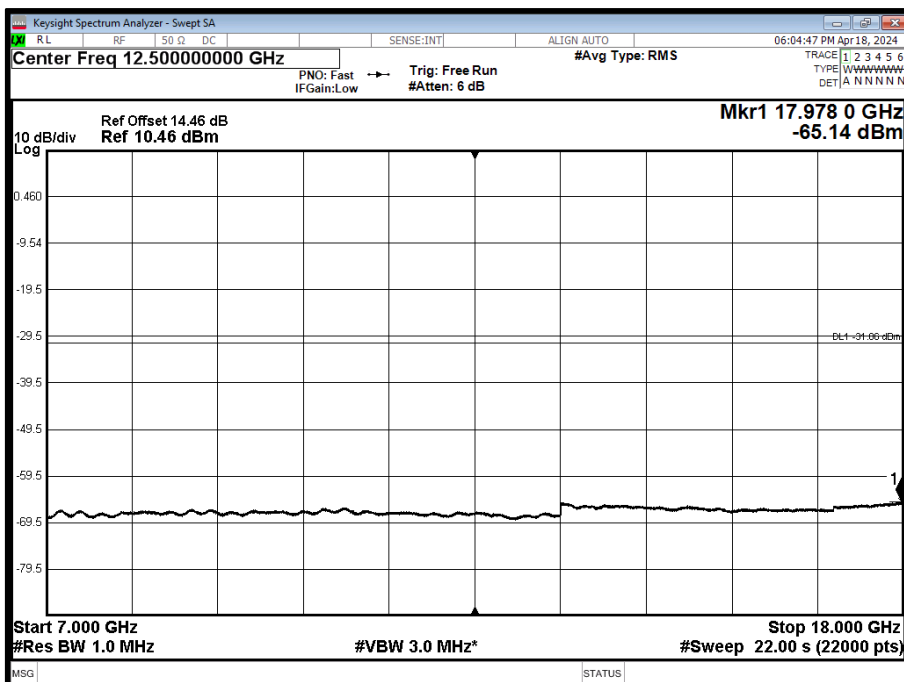




Antenna 19 - Test Case 10 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 40M Band 77G - Channel Position M - Band 5 - Range 3560 to 7000 MHz

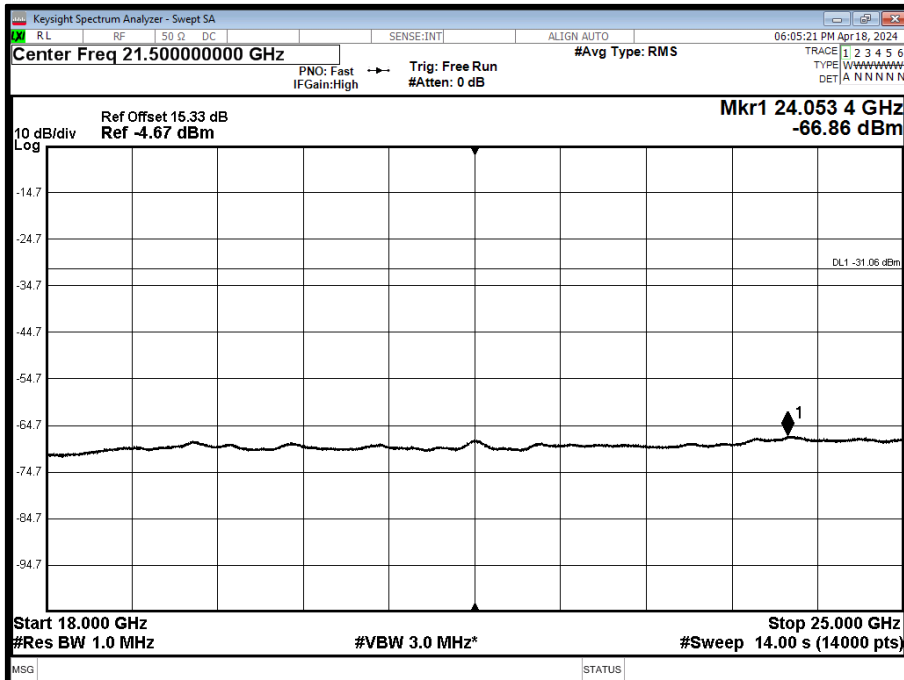


Antenna 19 - Test Case 10 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 40M Band 77G - Channel Position M - Band 6 - Range 7000 to 18000 MHz

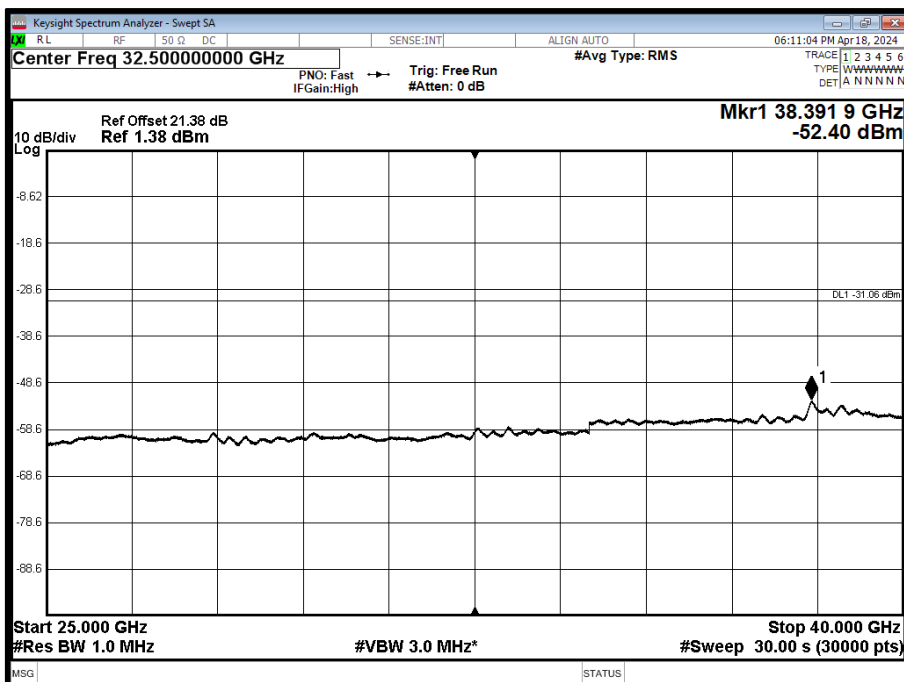




Antenna 19 - Test Case 10 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 40M Band 77G - Channel Position M - Band 7 - Range 18000 to 25000 MHz

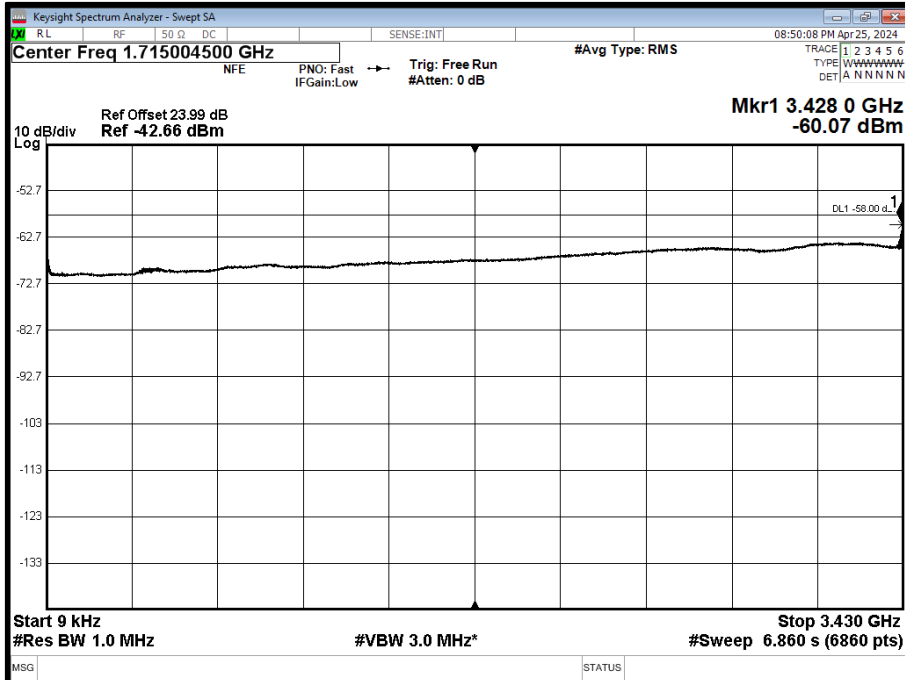


Antenna 19 - Test Case 10 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 40M Band 77G - Channel Position T - Band 8 - Range 25000 to 40000 MHz

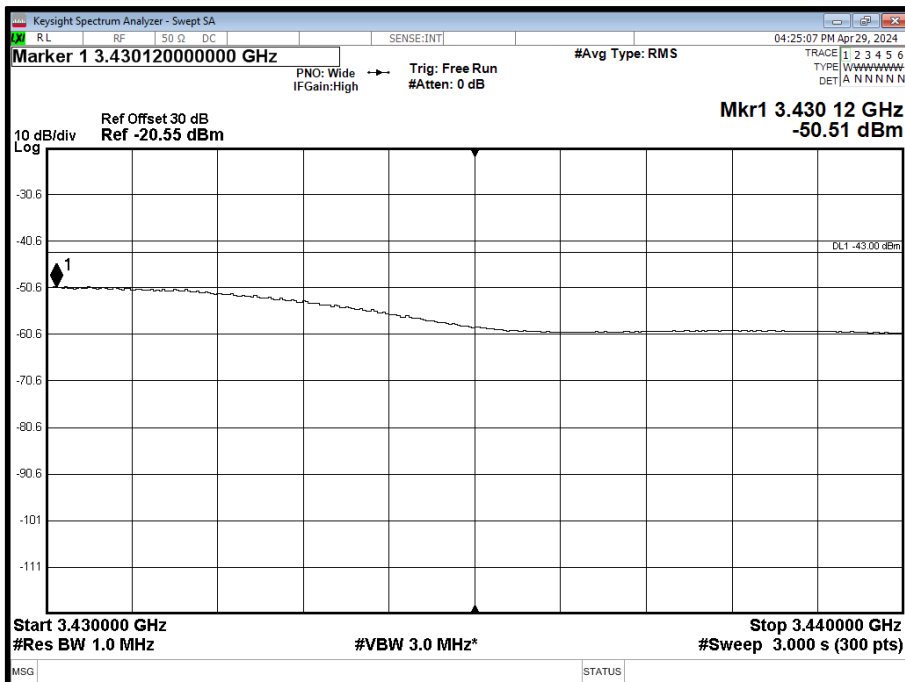




Antenna 19 - Test Case 11 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 100M Band 77G - Channel Position M - Band 1 - Range 0.009 to 3430 MHz

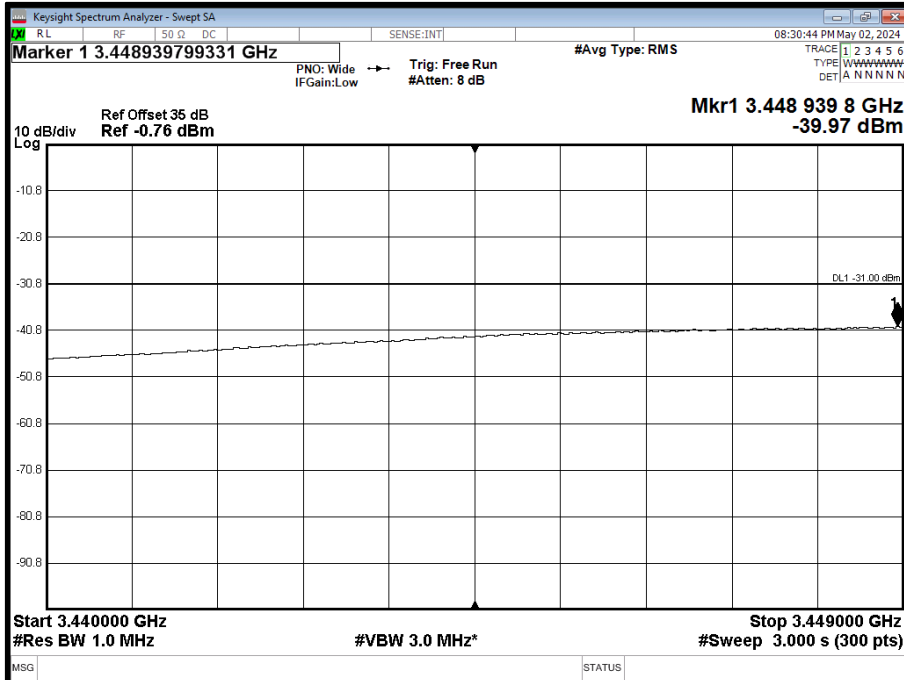


Antenna 19 - Test Case 11 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 100M Band 77G - Channel Position M - Band 2 - Range 3430 to 3440 MHz

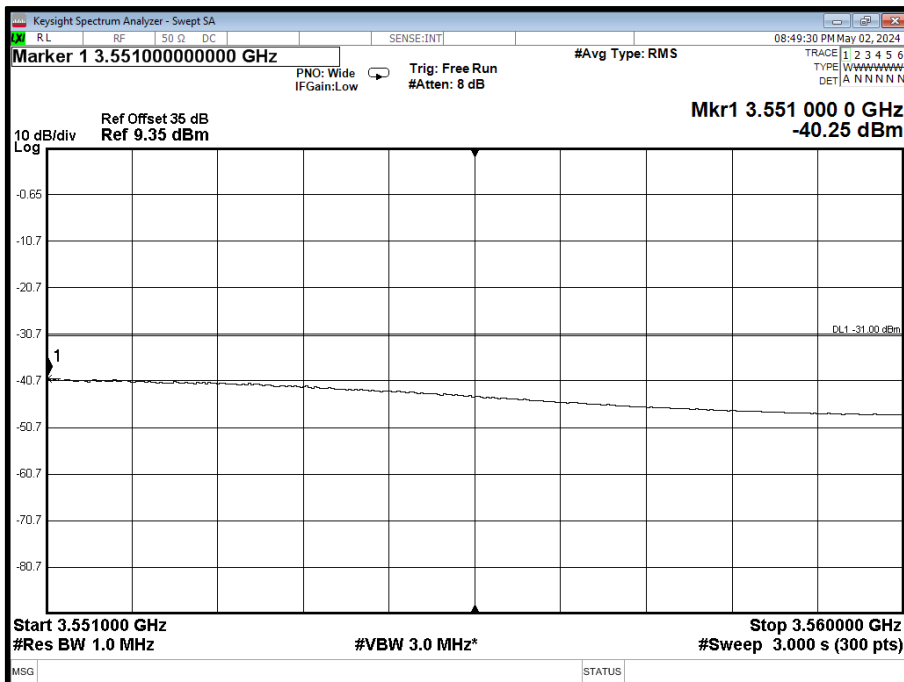




Antenna 19 - Test Case 11 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 100M Band 77G - Channel Position B - Band 3 - Range 3440 to 3449 MHz

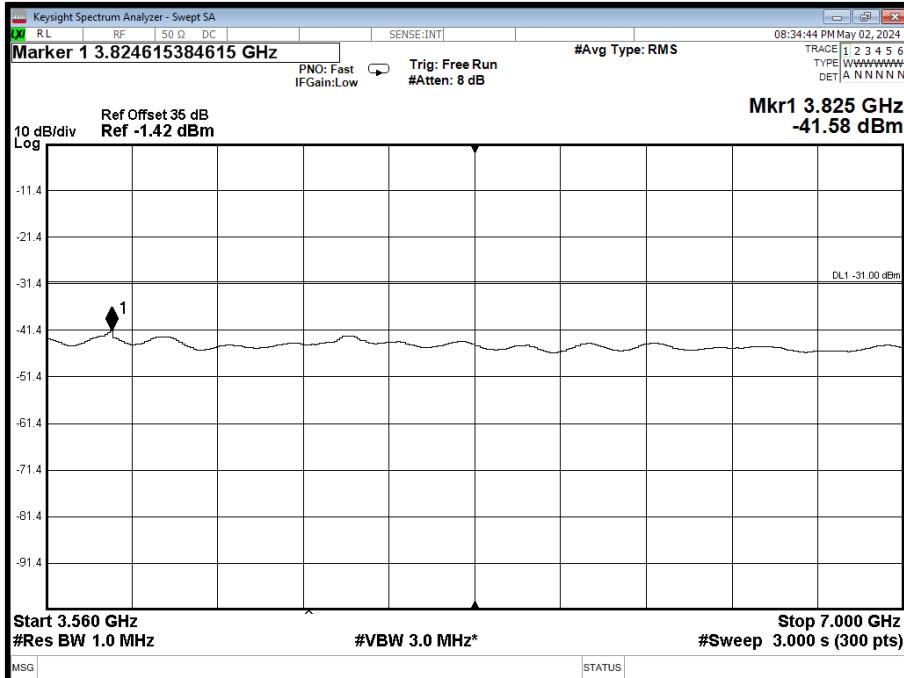


Antenna 19 - Test Case 11 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 100M Band 77G - Channel Position T - Band 4 - Range 3551 to 3560 MHz

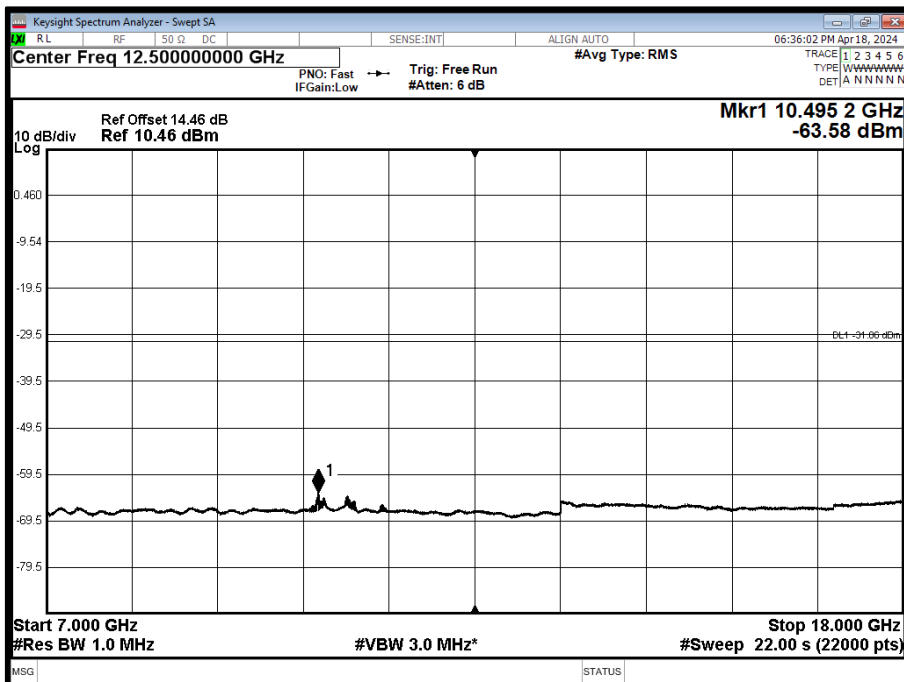




Antenna 19 - Test Case 11 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 100M Band 77G - Channel Position B - Band 5 - Range 3560 to 7000 MHz

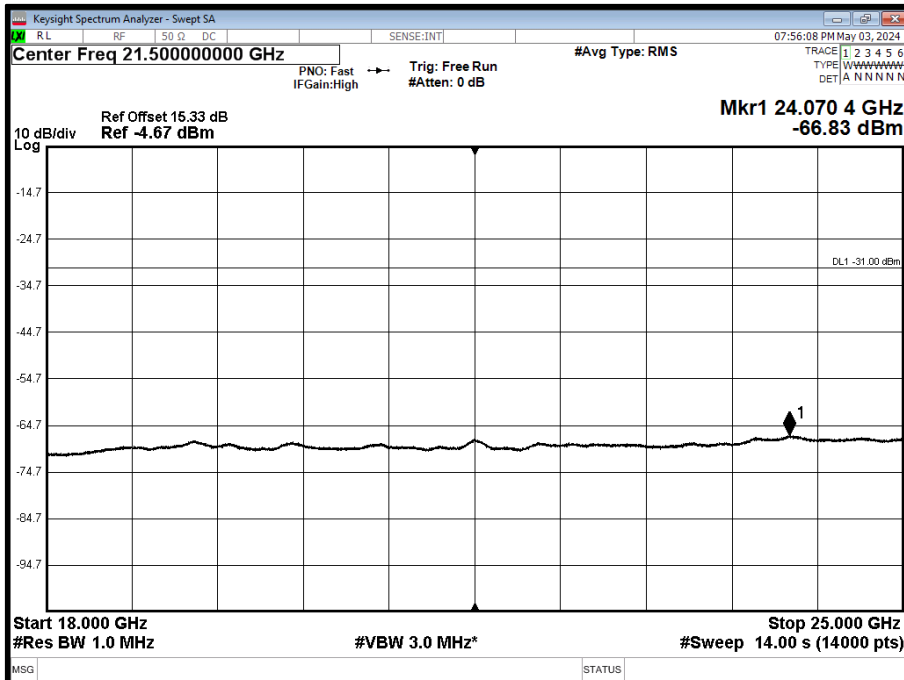


Antenna 19 - Test Case 11 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 100M Band 77G - Channel Position M - Band 6 - Range 7000 to 18000 MHz

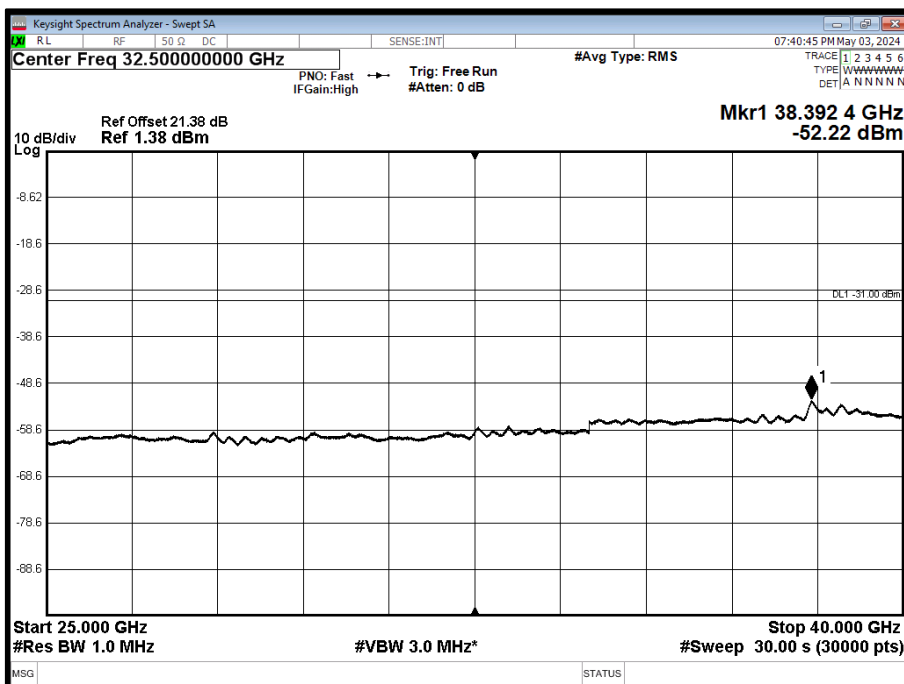




Antenna 19 - Test Case 11 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 100M Band 77G - Channel Position T - Band 7 - Range 18000 to 25000 MHz

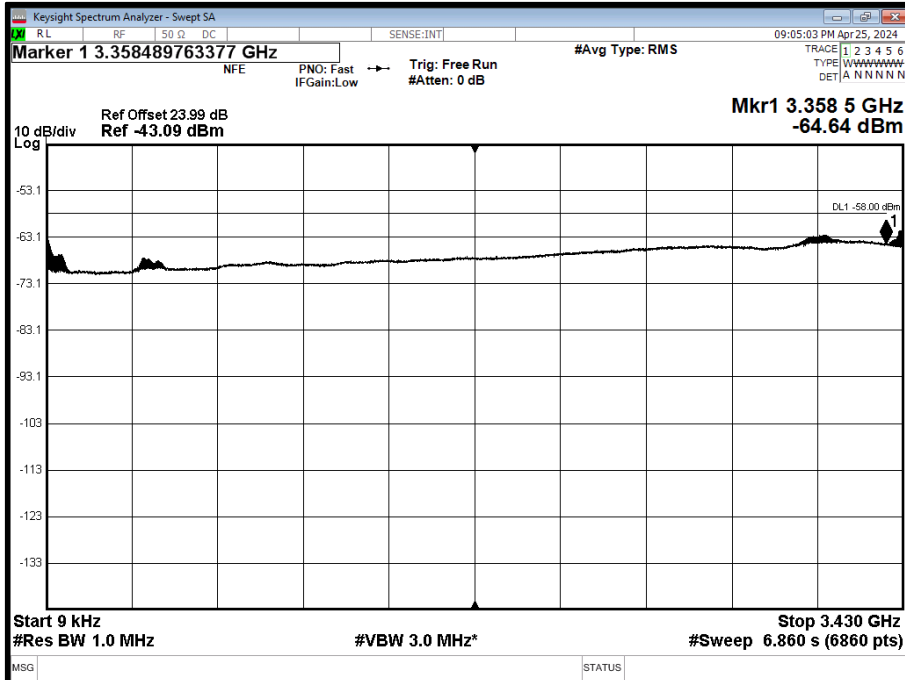


Antenna 19 - Test Case 11 - NR Modulation QPSK - NR Carrier Bandwidth 1C 20M Band 77M + 1C 100M Band 77G - Channel Position B - Band 8 - Range 25000 to 40000 MHz

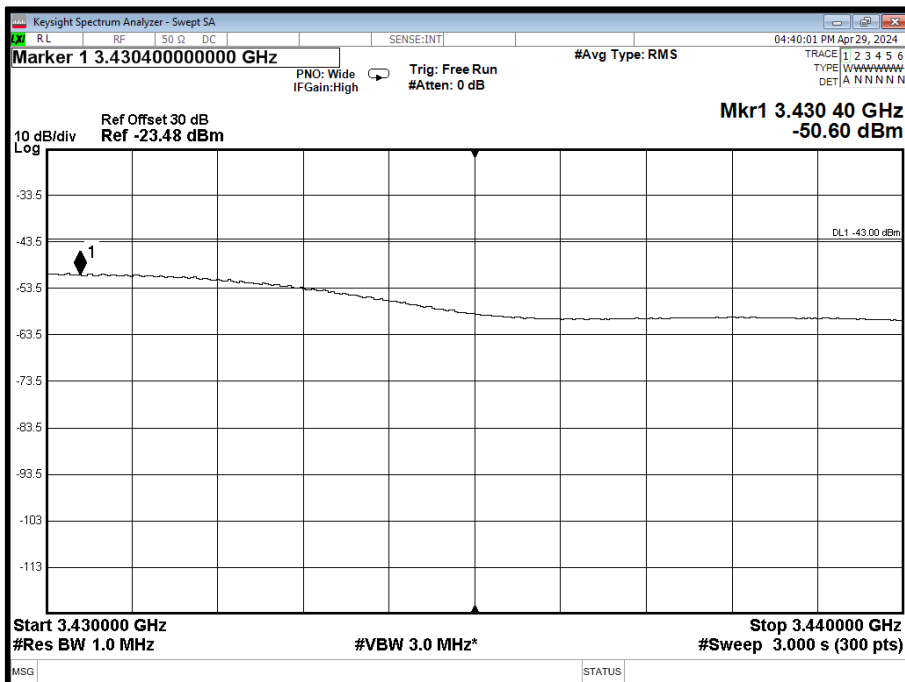




Antenna 19 - Test Case 12 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 100M Band 77G - Channel Position M - Band 1 - Range 0.009 to 3430 MHz

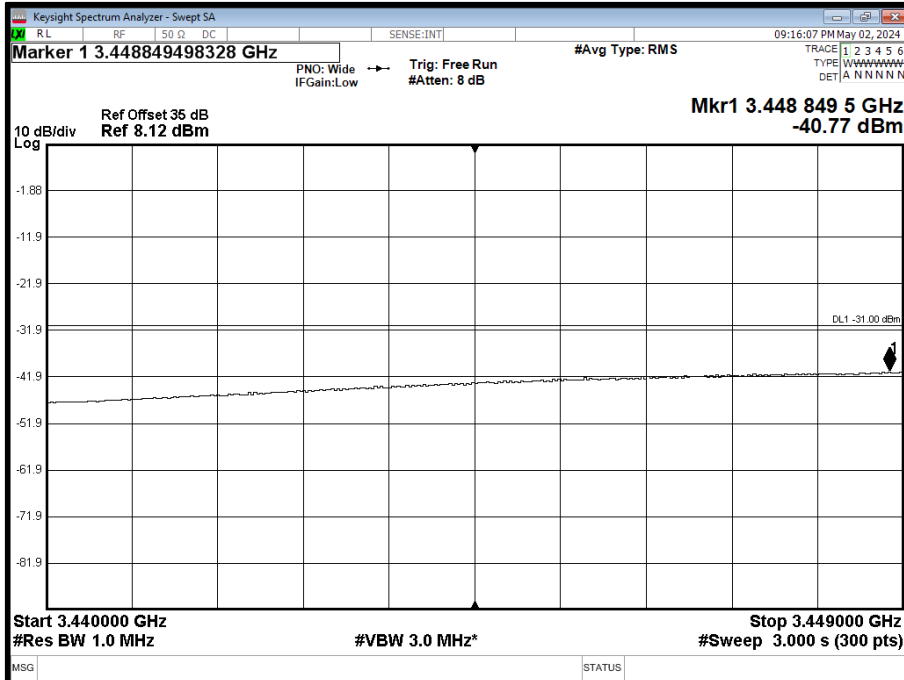


Antenna 19 - Test Case 12 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 100M Band 77G - Channel Position M - Band 2 - Range 3430 to 3440 MHz

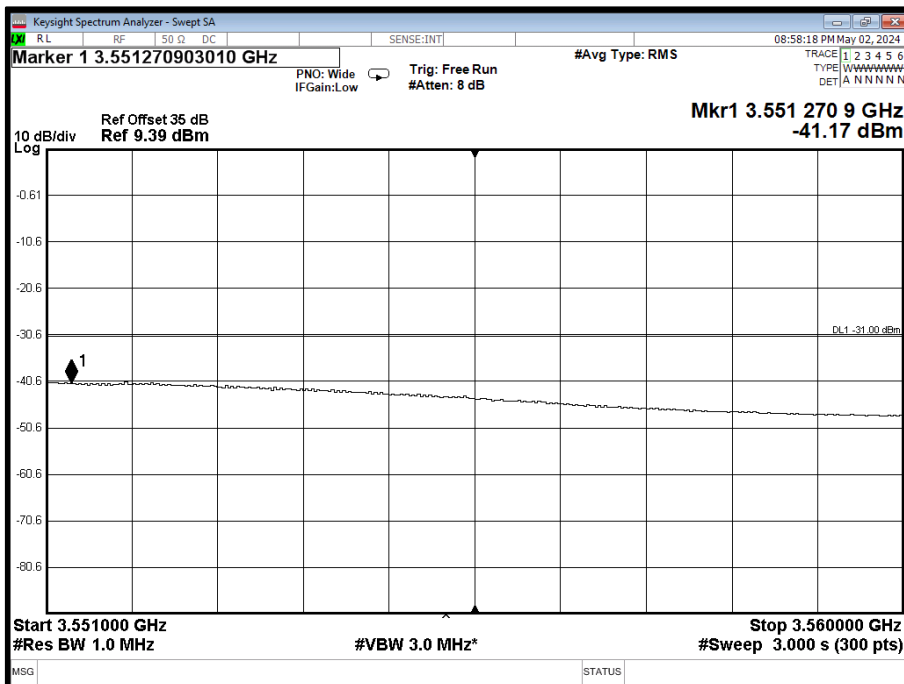




Antenna 19 - Test Case 12 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 100M Band 77G - Channel Position B - Band 3 - Range 3440 to 3449 MHz

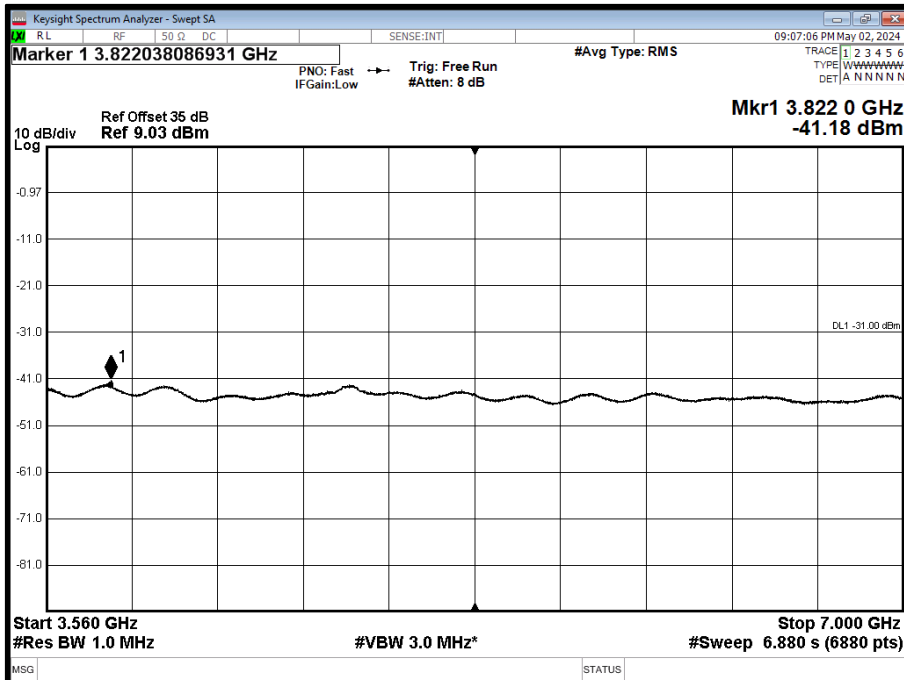


Antenna 19 - Test Case 12 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 100M Band 77G - Channel Position T - Band 4 - Range 3551 to 3560 MHz

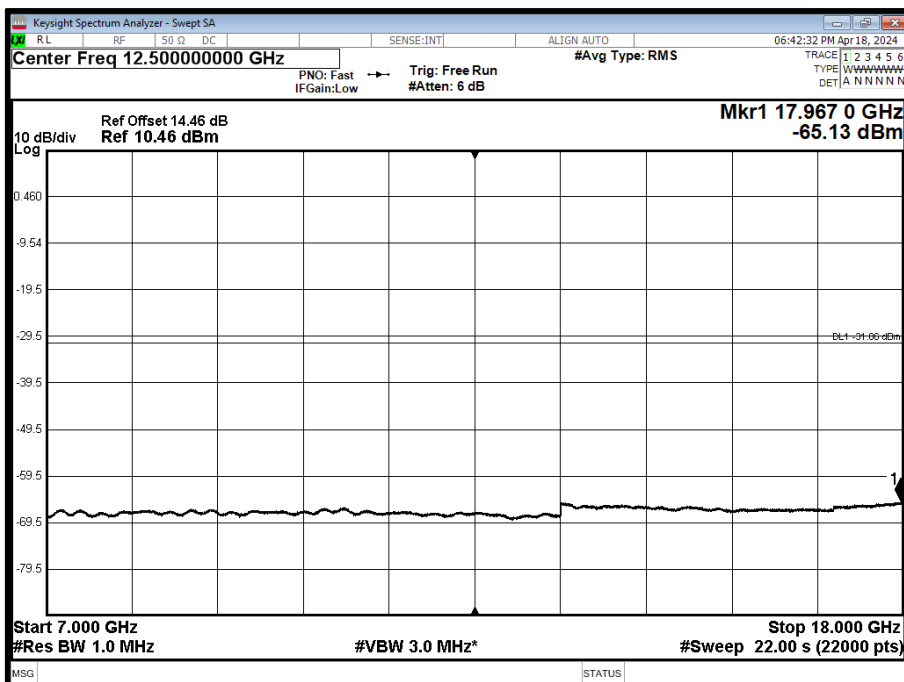




Antenna 19 - Test Case 12 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 100M Band 77G - Channel Position M - Band 5 - Range 3560 to 7000 MHz

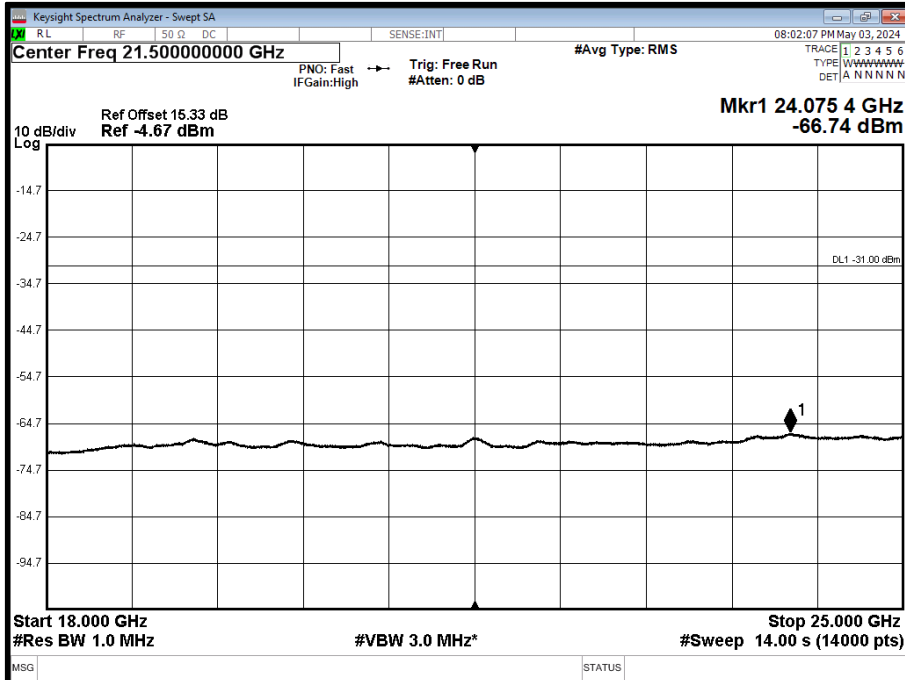


Antenna 19 - Test Case 12 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 100M Band 77G - Channel Position M - Band 6 - Range 7000 to 18000 MHz

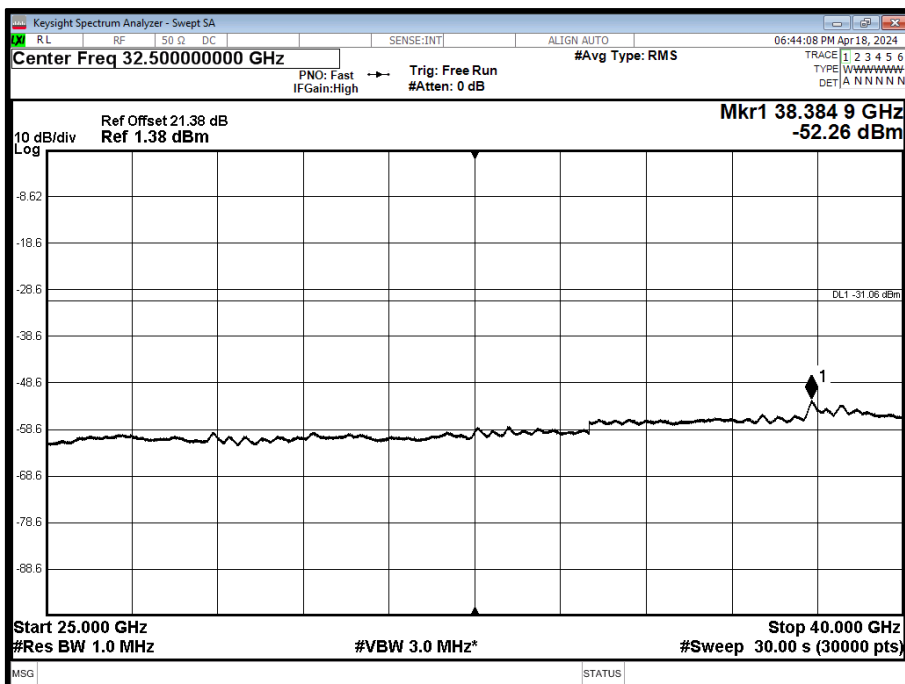




Antenna 19 - Test Case 12 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 100M Band 77G - Channel Position B - Band 7 - Range 18000 to 25000 MHz

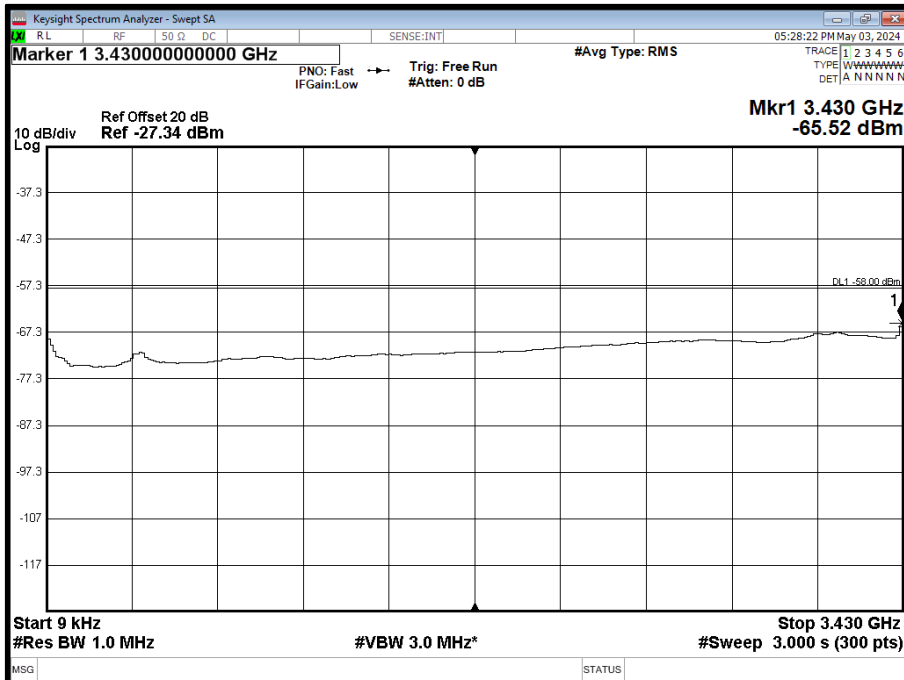


Antenna 19 - Test Case 12 - NR Modulation QPSK - NR Carrier Bandwidth 1C 40M Band 77M + 1C 100M Band 77G - Channel Position M - Band 8 - Range 25000 to 40000 MHz

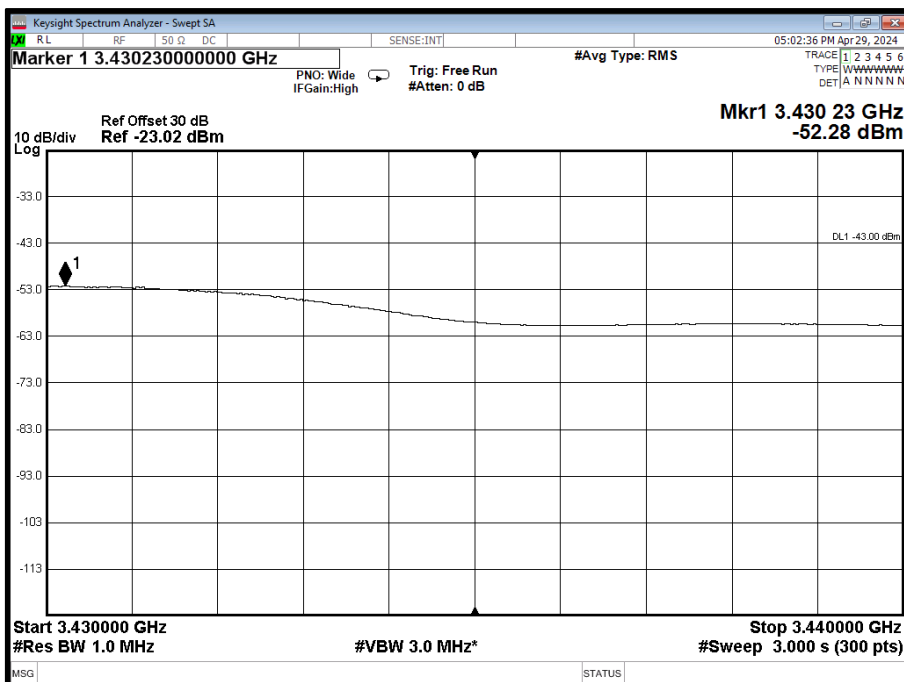




Antenna 19 - Test Case 13 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 100M Band 77G - Channel Position B - Band 1 - Range 0.009 to 3430 MHz

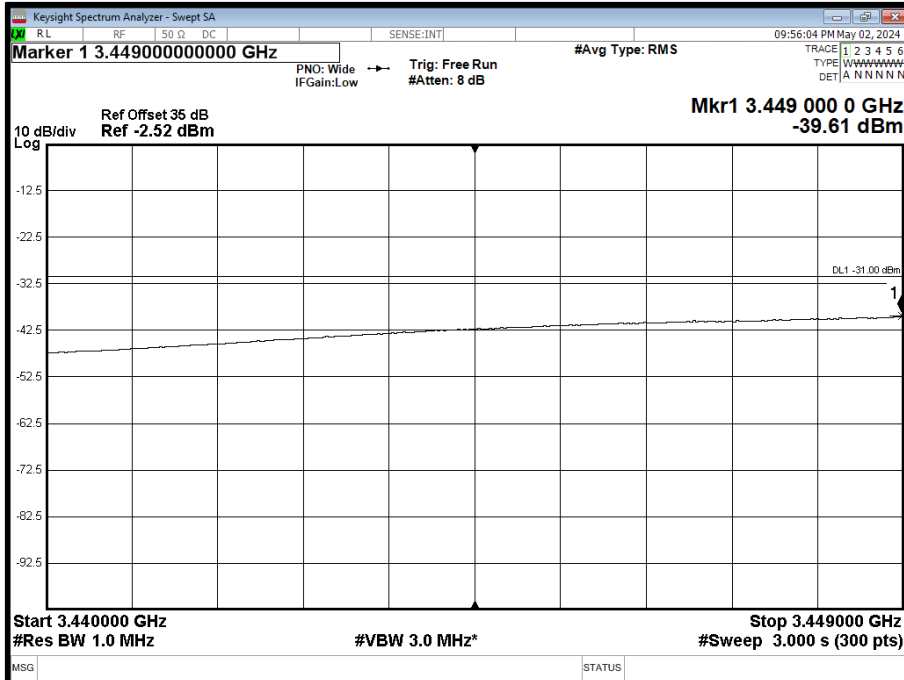


Antenna 19 - Test Case 13 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 100M Band 77G - Channel Position M - Band 2 - Range 3430 to 3440 MHz

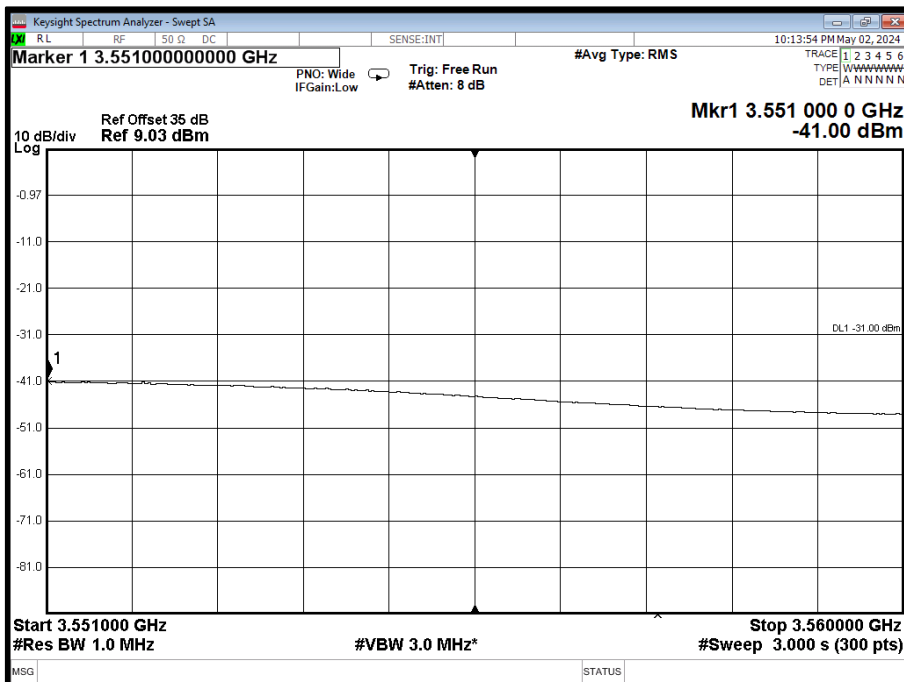




Antenna 19 - Test Case 13 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 100M Band 77G - Channel Position B - Band 3 - Range 3440 to 3449 MHz

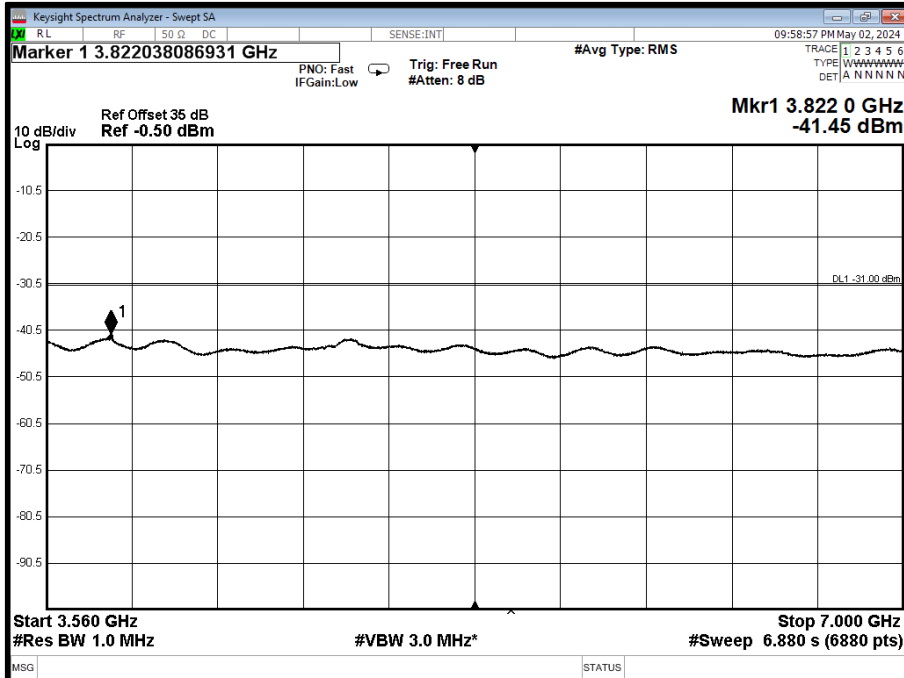


Antenna 19 - Test Case 13 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 100M Band 77G - Channel Position T - Band 4 - Range 3551 to 3560 MHz

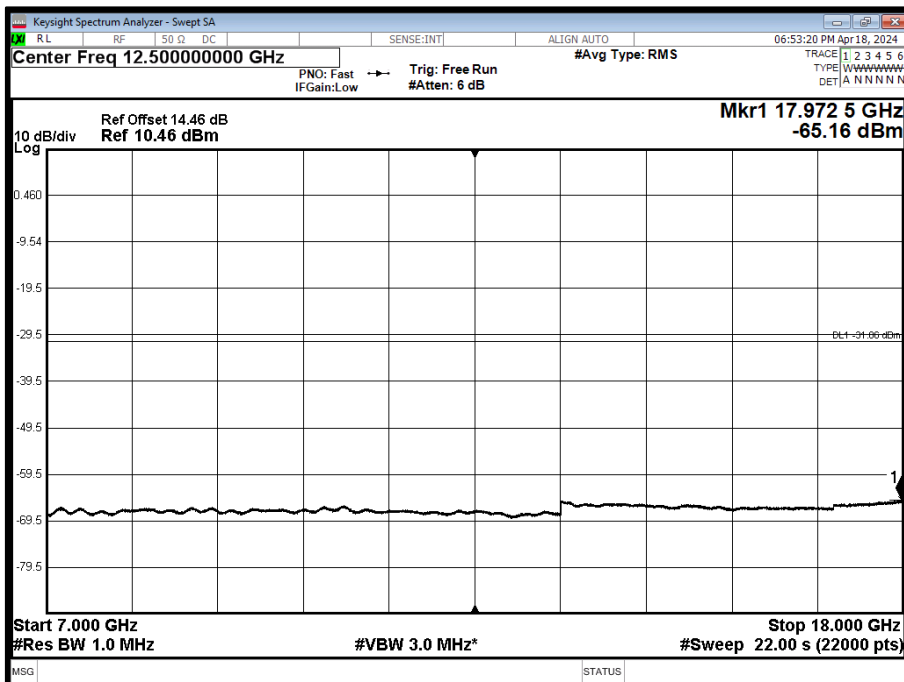




Antenna 19 - Test Case 13 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 100M Band 77G - Channel Position B - Band 5 - Range 3560 to 7000 MHz

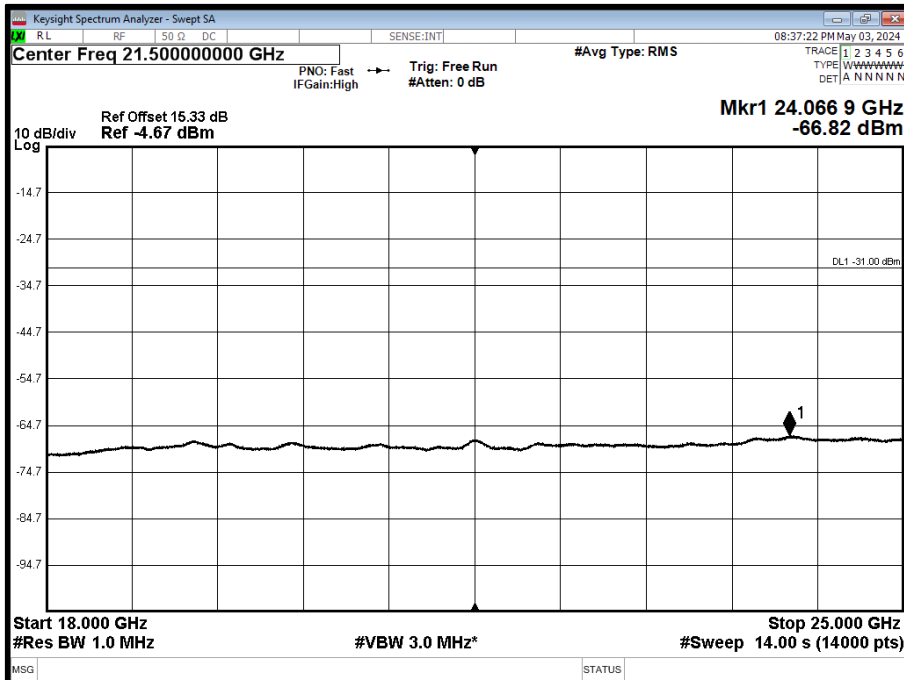


Antenna 19 - Test Case 13 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 100M Band 77G - Channel Position M - Band 6 - Range 7000 to 18000 MHz

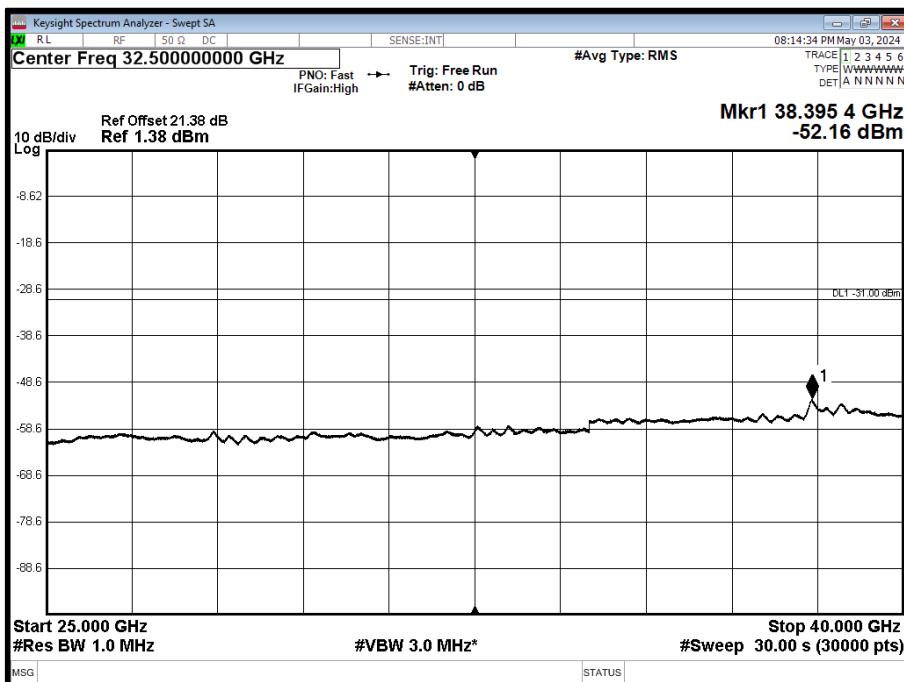




Antenna 19 - Test Case 13 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 100M Band 77G - Channel Position T - Band 7 - Range 18000 to 25000 MHz

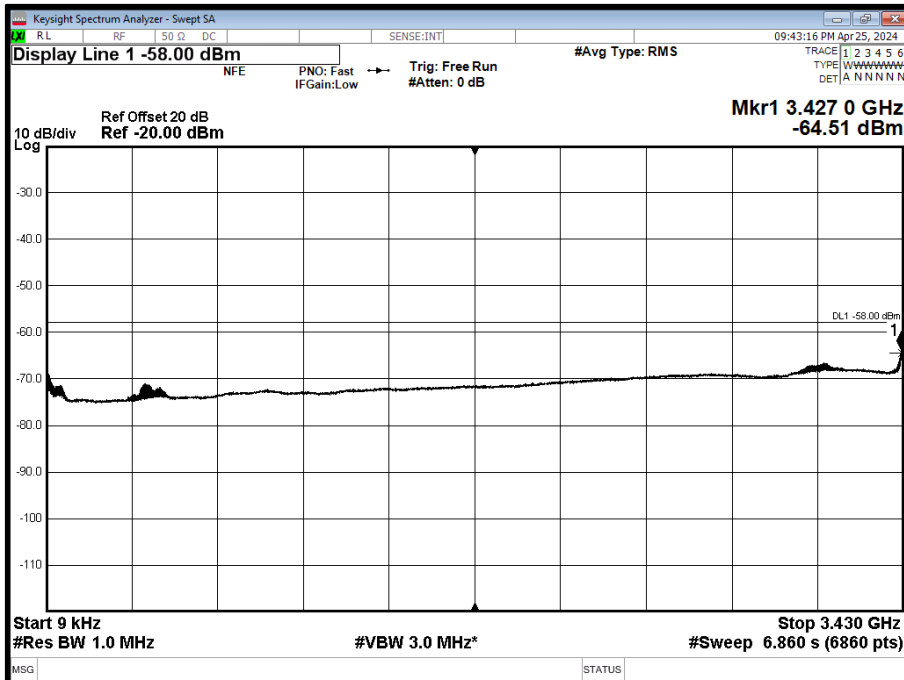


Antenna 19 - Test Case 13 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 1C 100M Band 77G - Channel Position B - Band 8 - Range 25000 to 40000 MHz

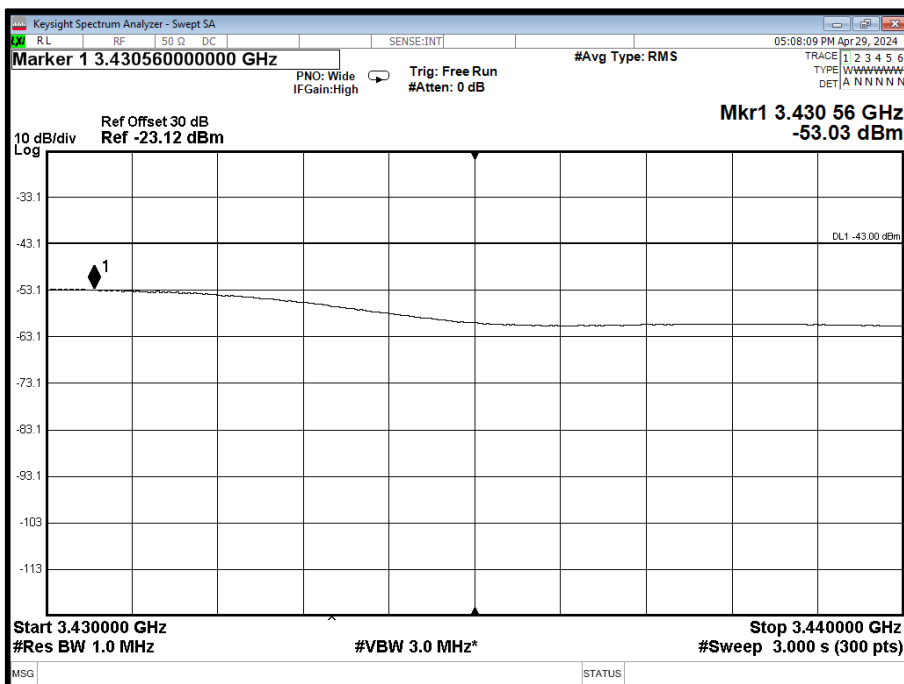




Antenna 19 - Test Case 14 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 100M Band 77G - Channel Position M - Band 1 - Range 0.009 to 3430 MHz

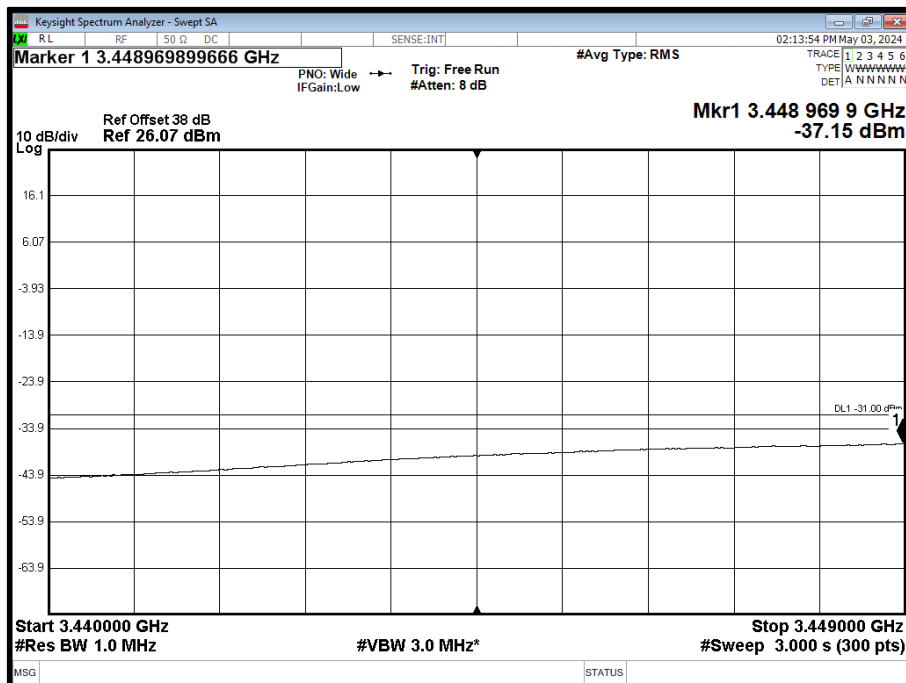


Antenna 19 - Test Case 14 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 100M Band 77G - Channel Position M - Band 2 - Range 3430 to 3440 MHz

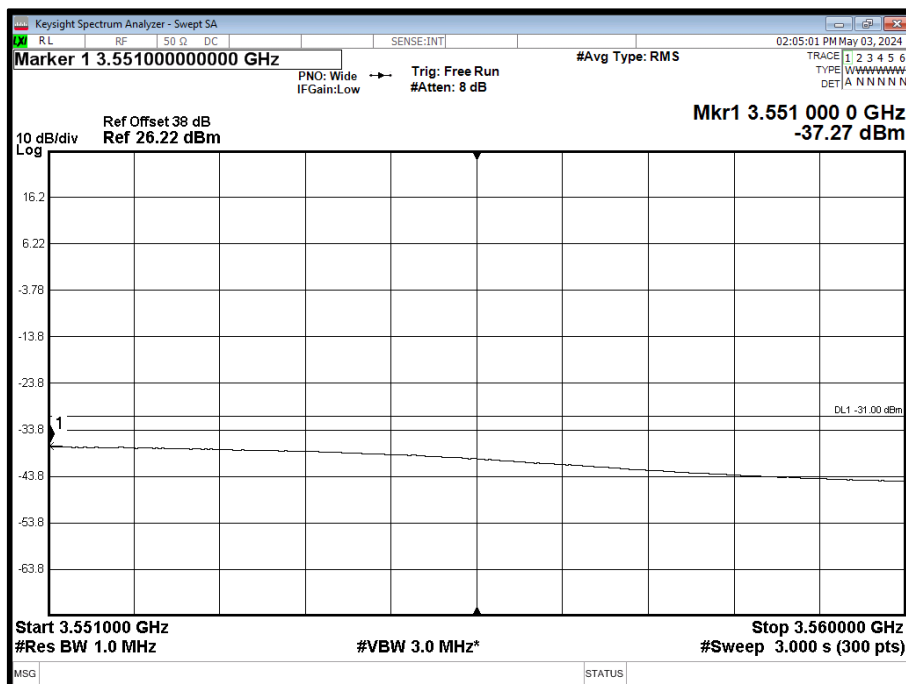




Antenna 19 - Test Case 14 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 100M Band 77G - Channel Position B - Band 3 - Range 3440 to 3449 MHz

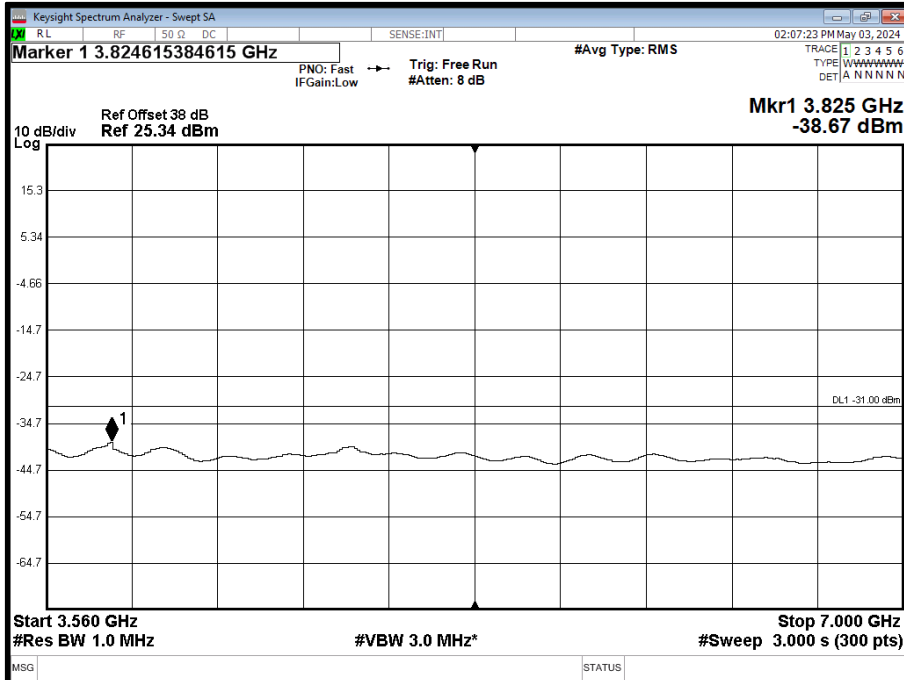


Antenna 19 - Test Case 14 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 100M Band 77G - Channel Position M - Band 4 - Range 3551 to 3560 MHz

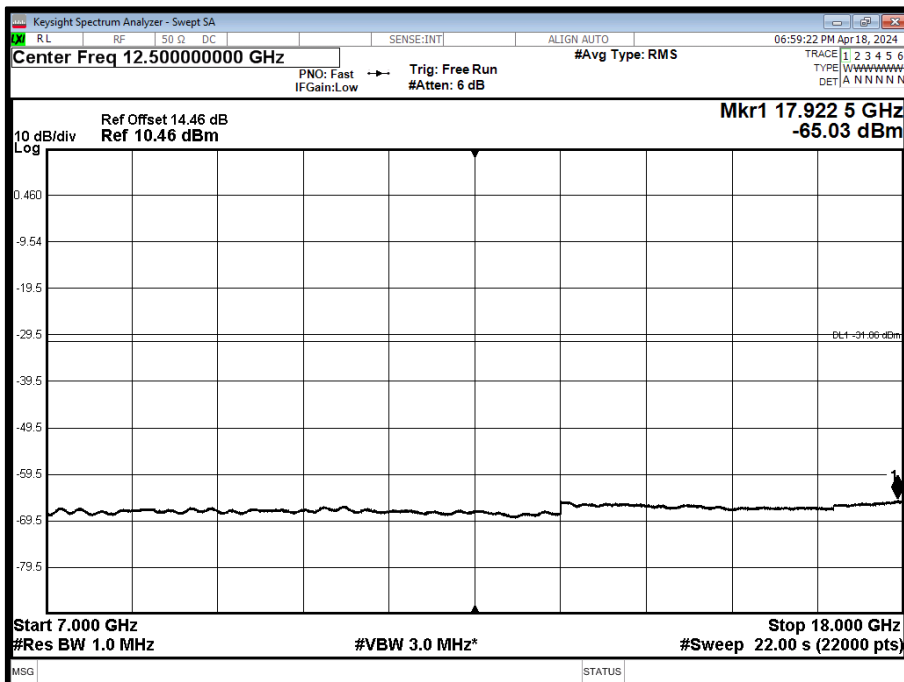




Antenna 19 - Test Case 14 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 100M Band 77G - Channel Position M - Band 5 - Range 3560 to 7000 MHz

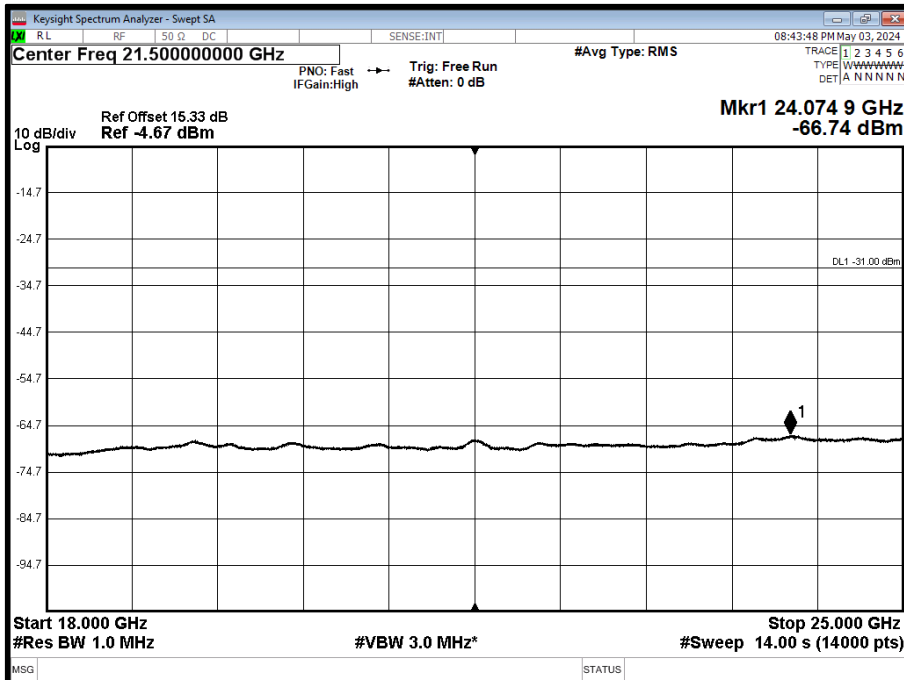


Antenna 19 - Test Case 14 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 100M Band 77G - Channel Position M - Band 6 - Range 7000 to 18000 MHz

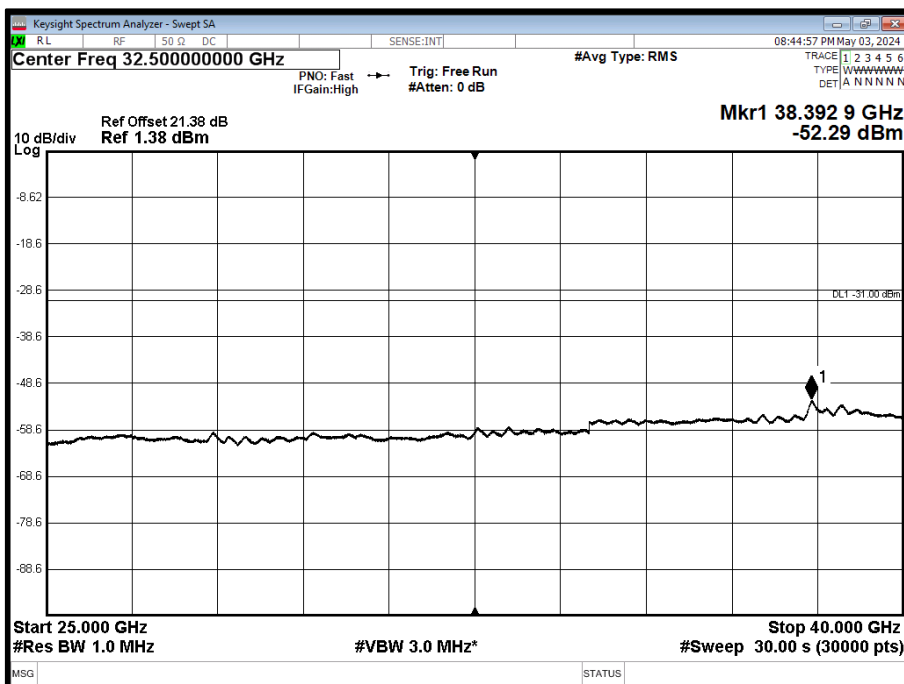




Antenna 19 - Test Case 14 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 100M Band 77G - Channel Position B - Band 7 - Range 18000 to 25000 MHz

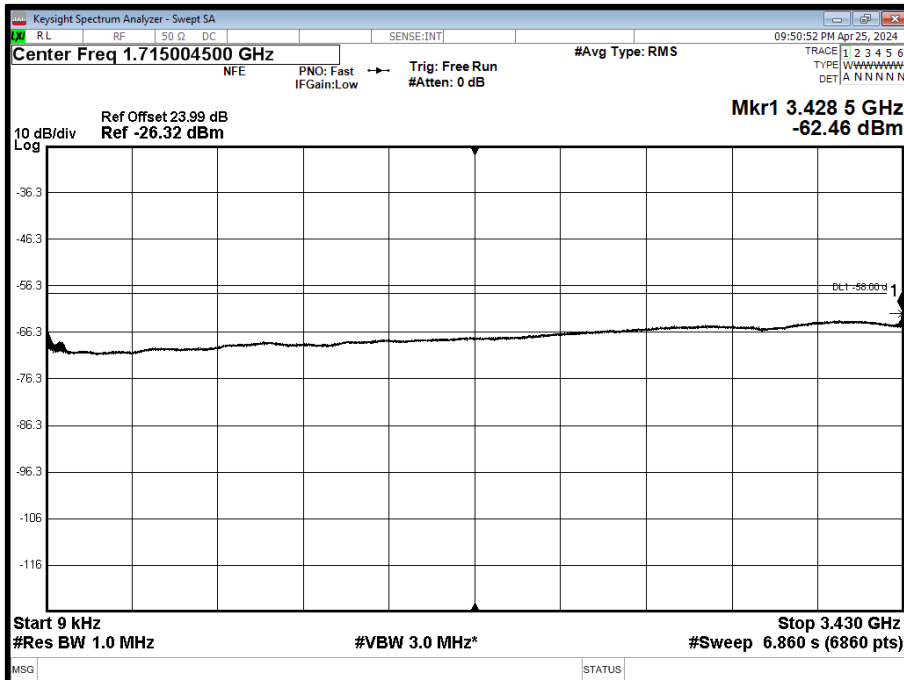


Antenna 19 - Test Case 14 - NR Modulation QPSK - NR Carrier Bandwidth 1C 80M Band 77M + 1C 100M Band 77G - Channel Position B - Band 8 - Range 25000 to 40000 MHz

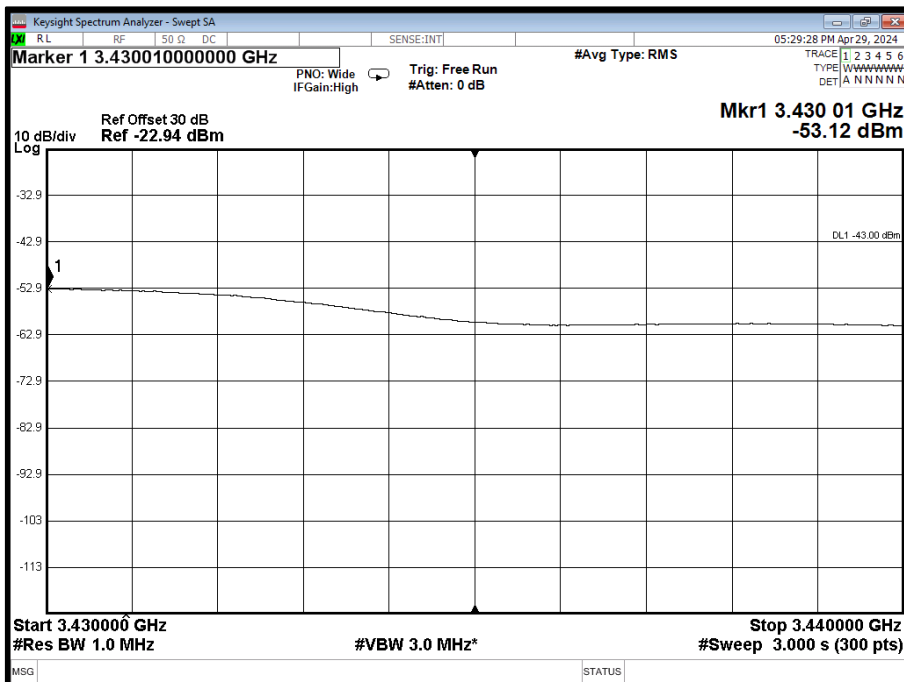




Antenna 19 - Test Case 15 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 100M Band 77G - Channel Position B - Band 1 - Range 0.009 to 3430 MHz

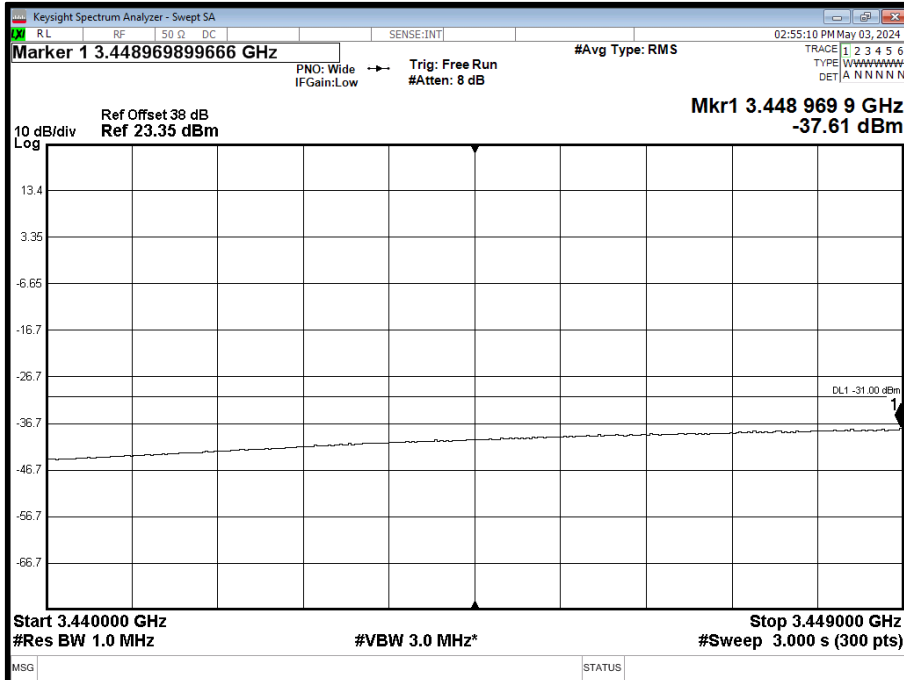


Antenna 19 - Test Case 15 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 100M Band 77G - Channel Position M - Band 2 - Range 3430 to 3440 MHz

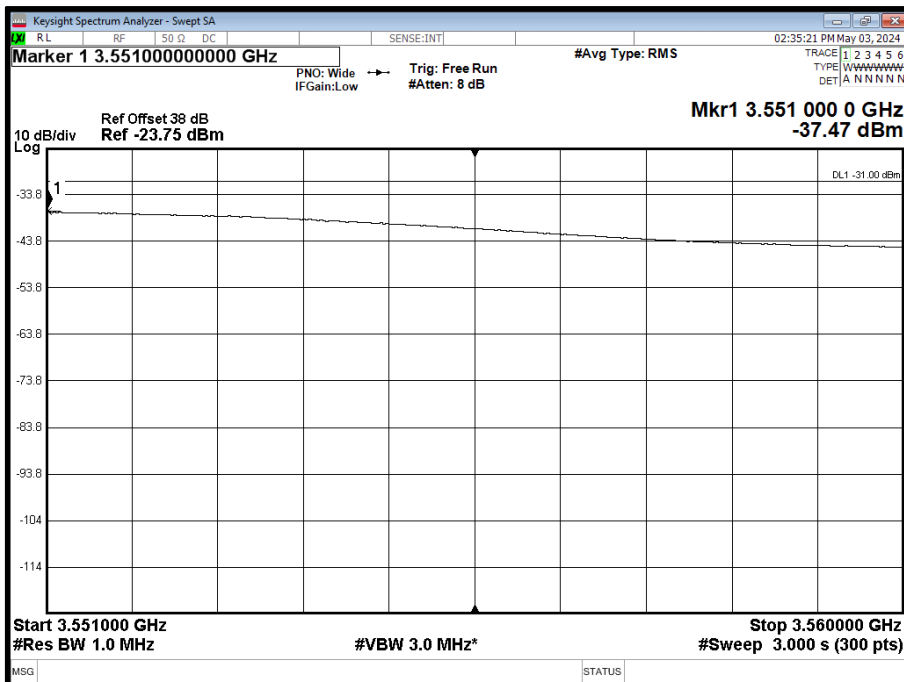




Antenna 19 - Test Case 15 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 100M Band 77G - Channel Position T - Band 3 - Range 3440 to 3449 MHz



Antenna 19 - Test Case 15 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 100M Band 77G - Channel Position M - Band 4 - Range 3551 to 3560 MHz

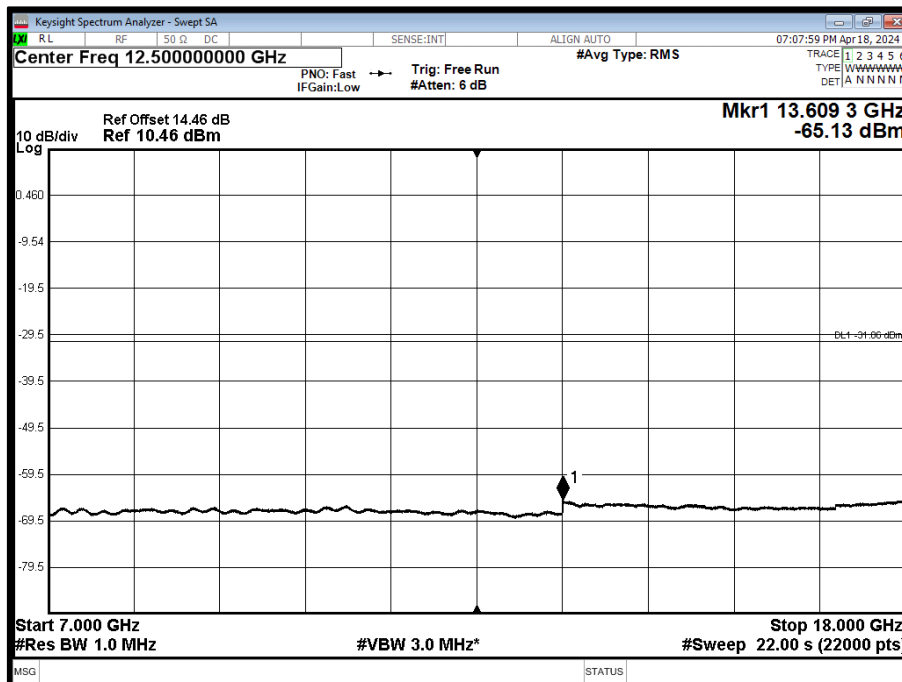




Antenna 19 - Test Case 15 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 100M Band 77G - Channel Position B - Band 5 - Range 3560 to 7000 MHz

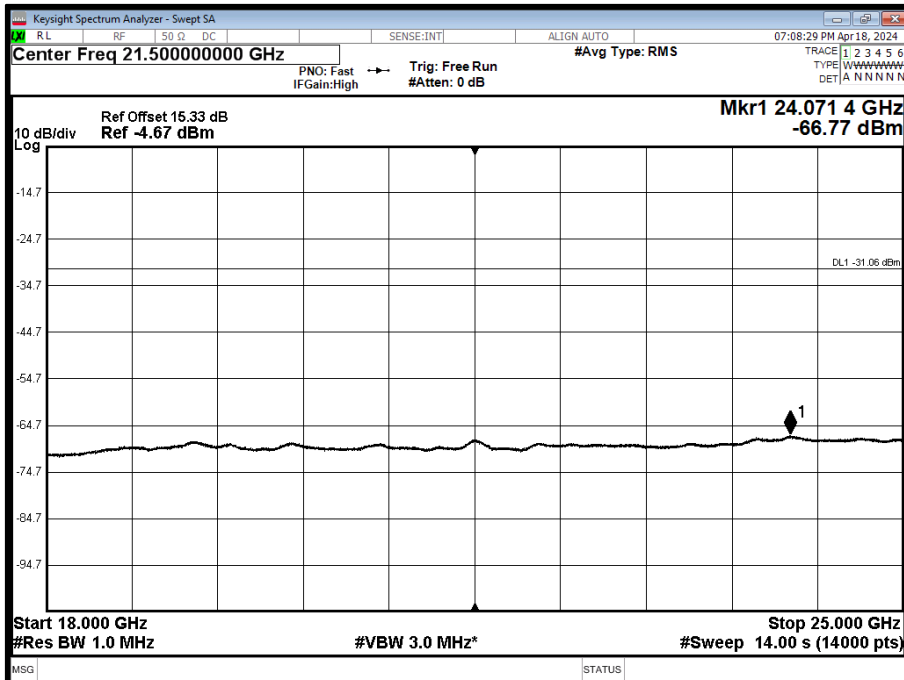


Antenna 19 - Test Case 15 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 100M Band 77G - Channel Position M - Band 6 - Range 7000 to 18000 MHz

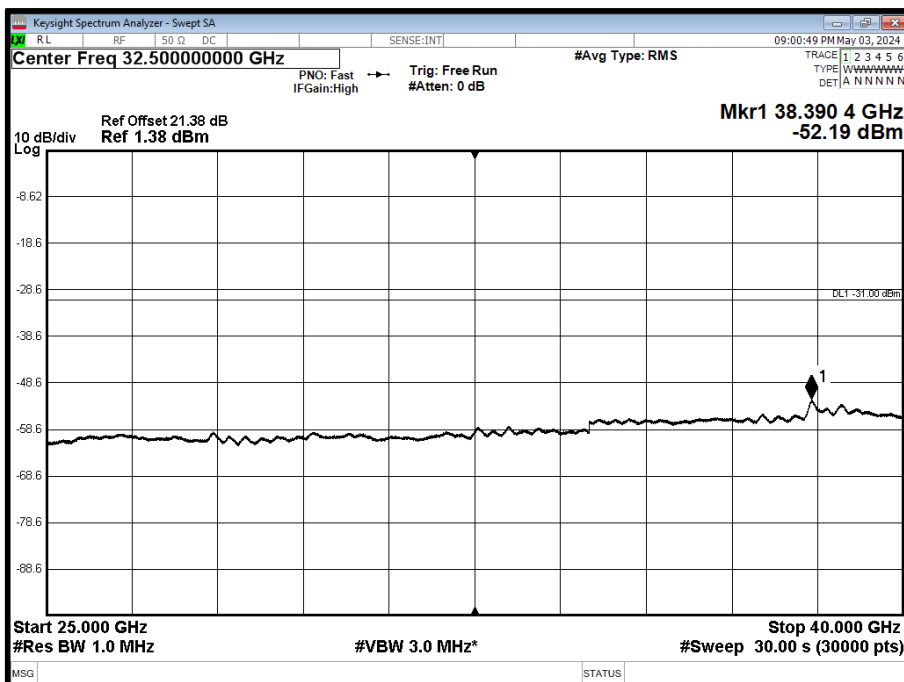




Antenna 19 - Test Case 15 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 100M Band 77G - Channel Position M - Band 7 - Range 18000 to 25000 MHz



Antenna 19 - Test Case 15 - NR Modulation QPSK - NR Carrier Bandwidth 1C 100M Band 77M + 1C 100M Band 77G - Channel Position T - Band 8 - Range 25000 to 40000 MHz

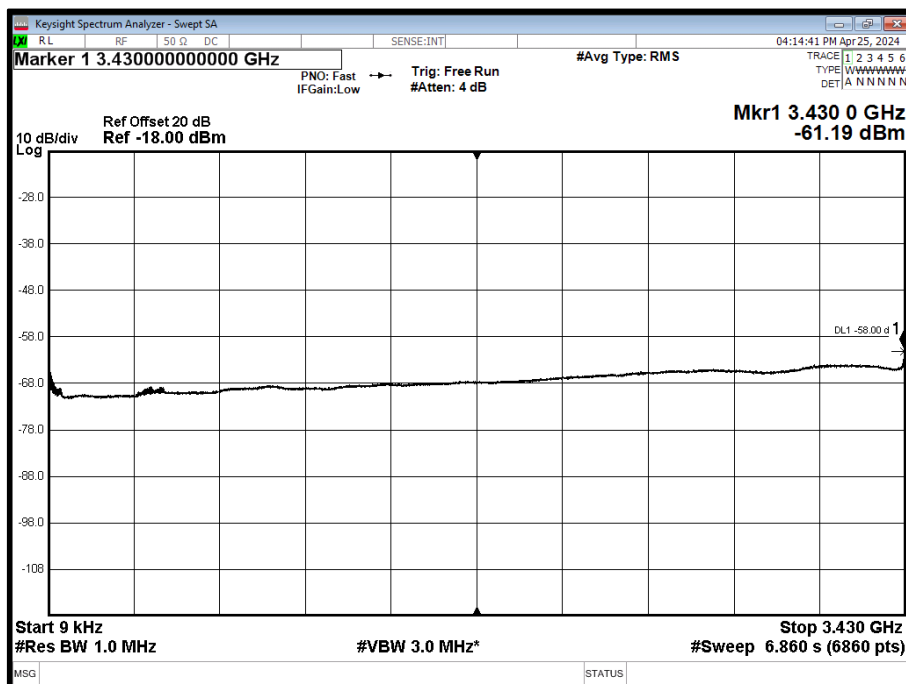




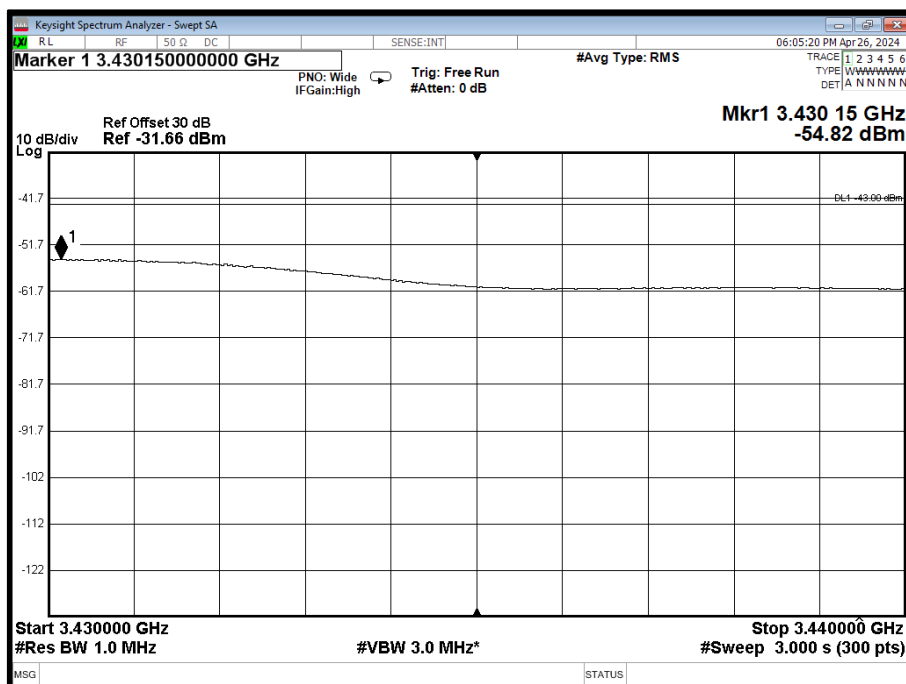
Configuration 4

Maximum Output Power 2 x 27.96 dBm - Module 1 - Max 4W/MHz PSD

Antenna 1 - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 0.009 to 3430 MHz

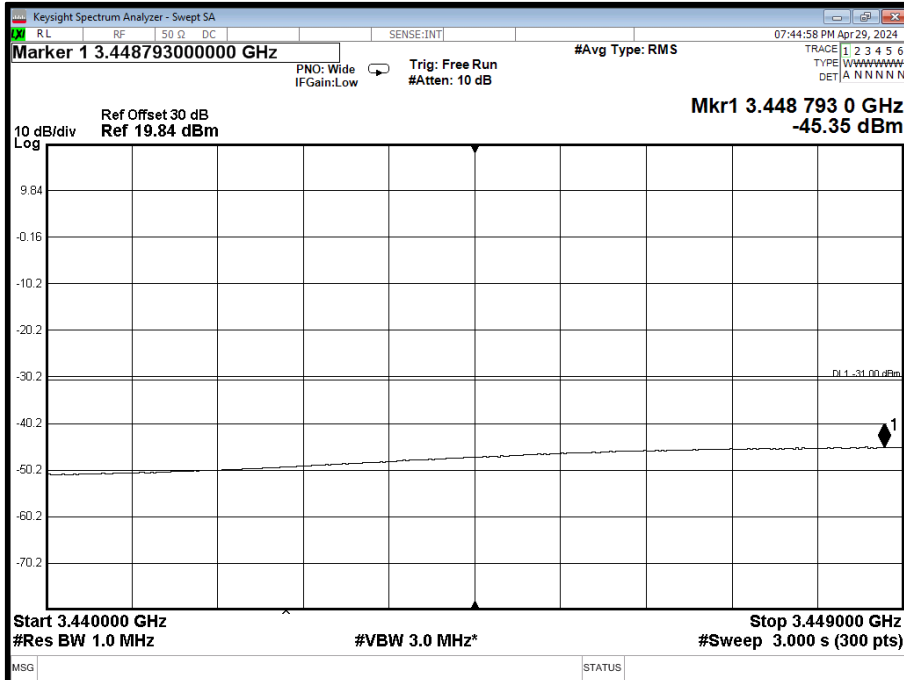


Antenna 1 - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3430 to 3440 MHz

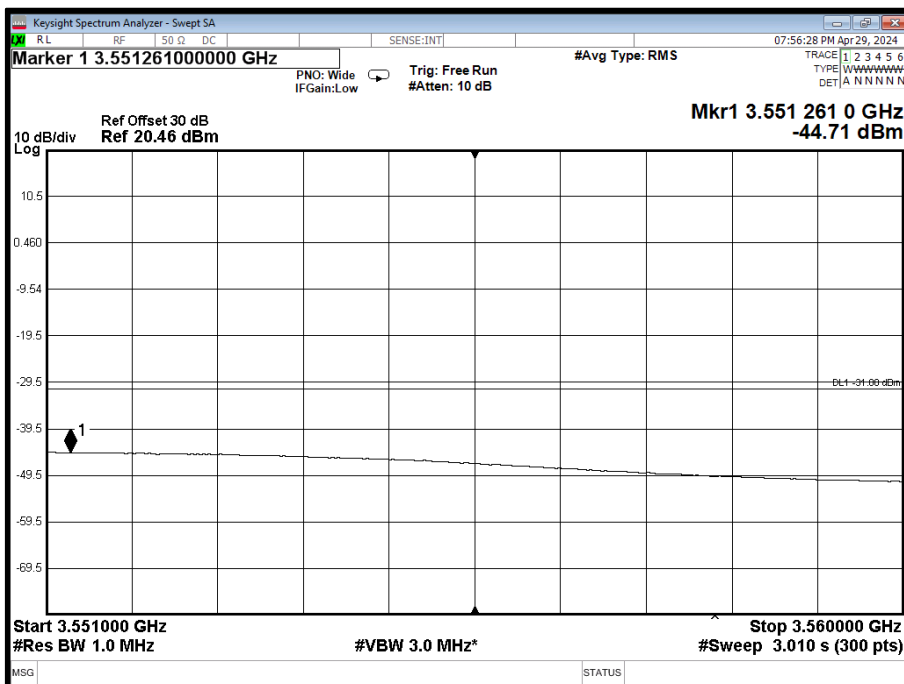




Antenna 1 - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 3440 to 3449 MHz

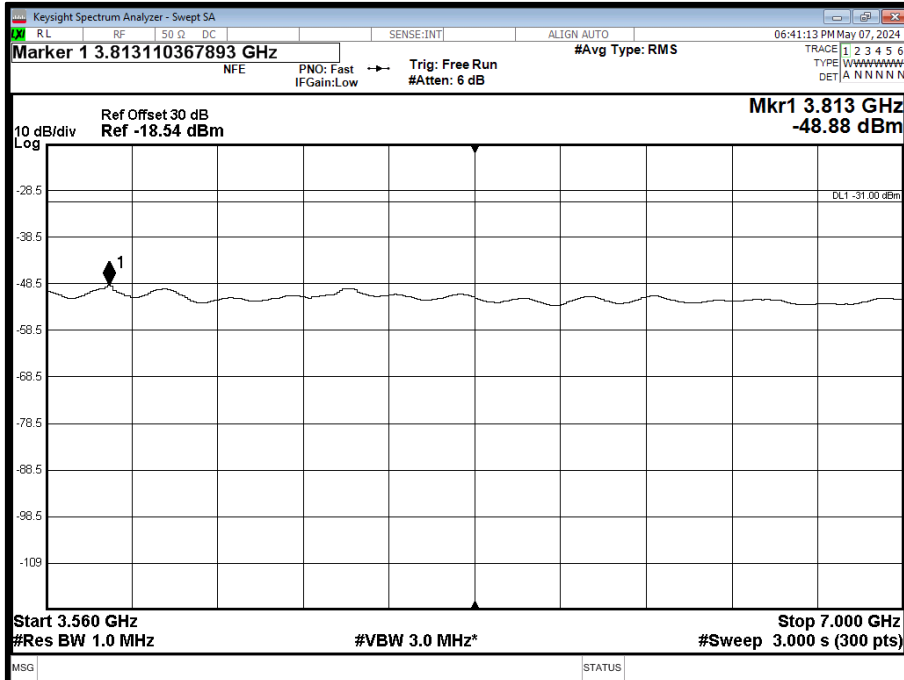


Antenna 1 - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 3551 to 3560 MHz

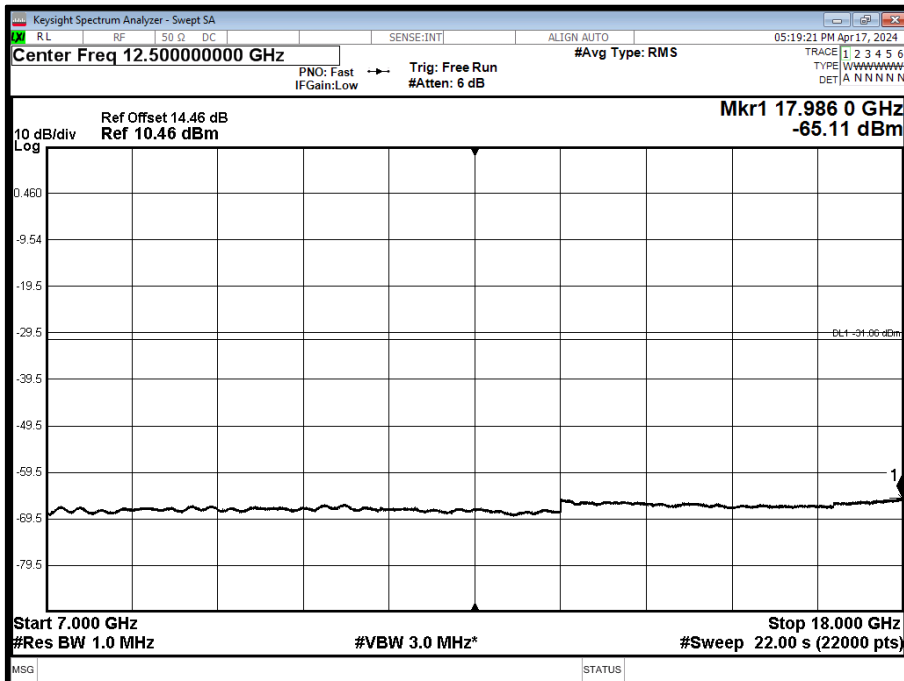




Antenna 1 - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 30 kHz SCS - Channel Position M - Band 5 - Range 3560 to 7000 MHz

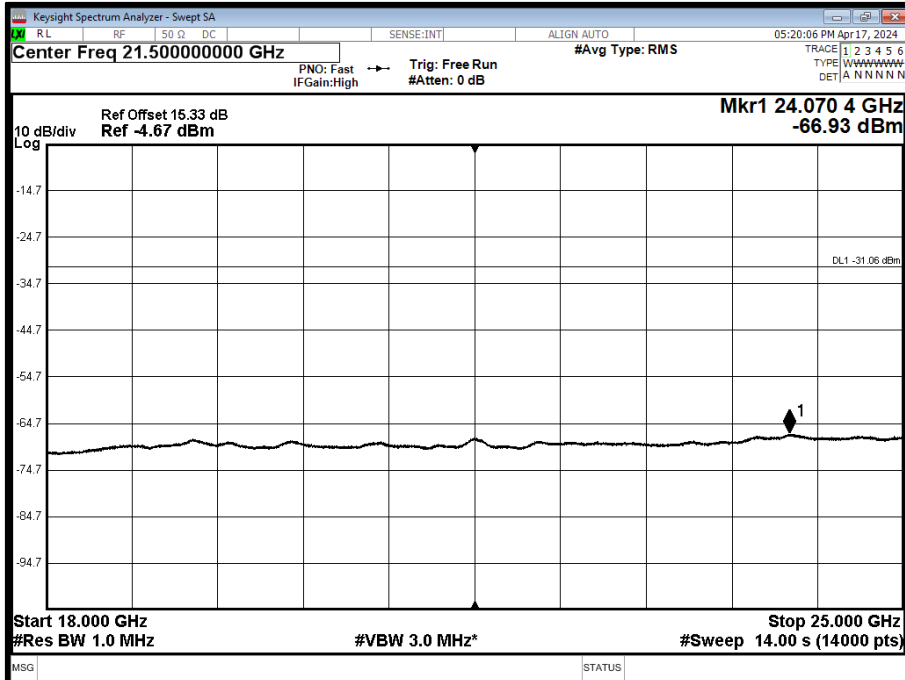


Antenna 1 - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 30 kHz SCS - Channel Position M - Band 6 - Range 7000 to 18000 MHz

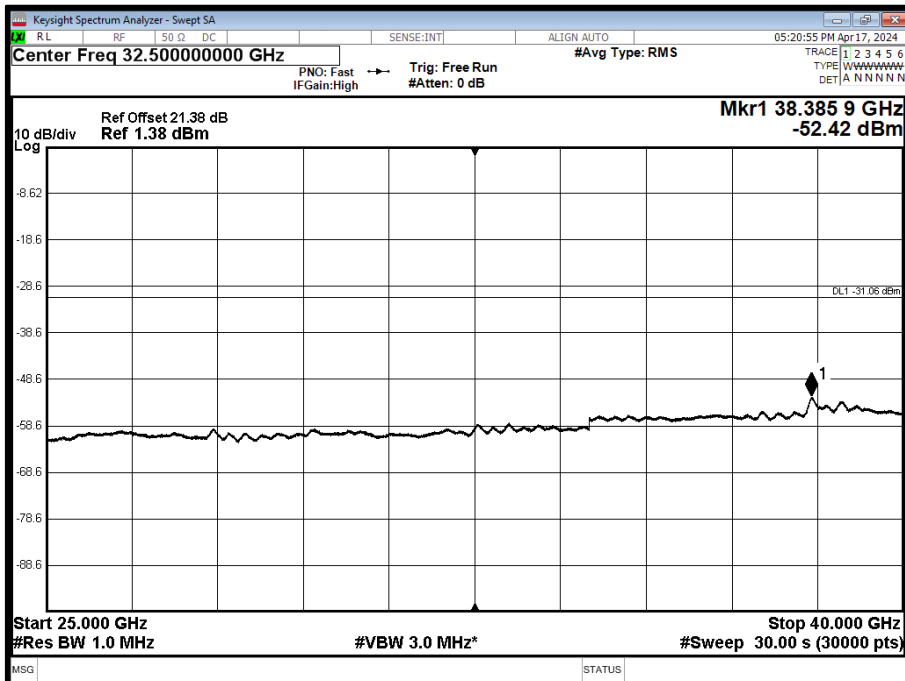




Antenna 1 - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 30 kHz SCS - Channel Position M - Band 7 - Range 18000 to 25000 MHz



Antenna 1 - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 30 kHz SCS - Channel Position M - Band 8 - Range 25000 to 40000 MHz

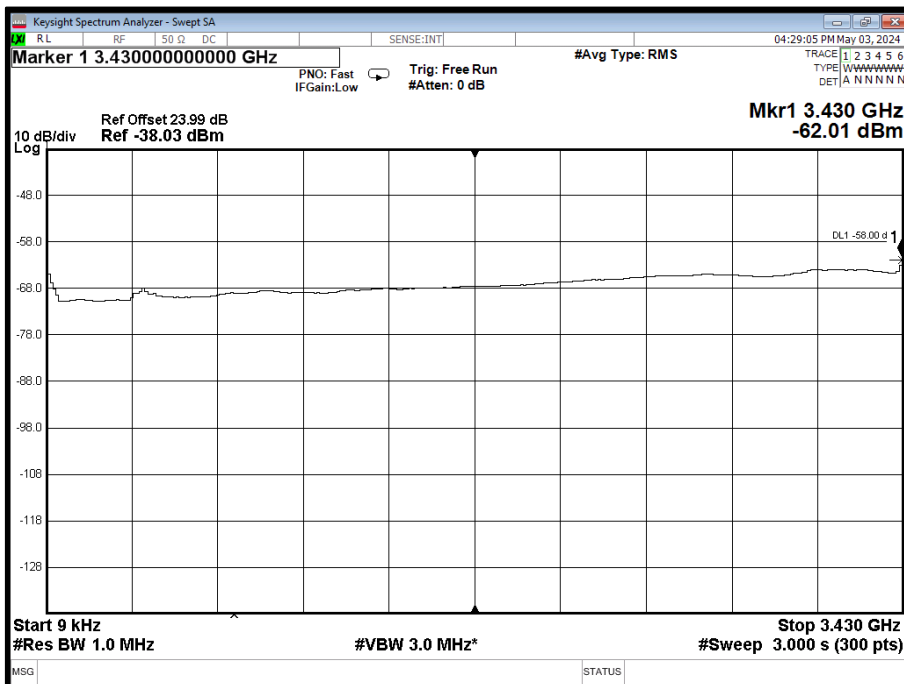




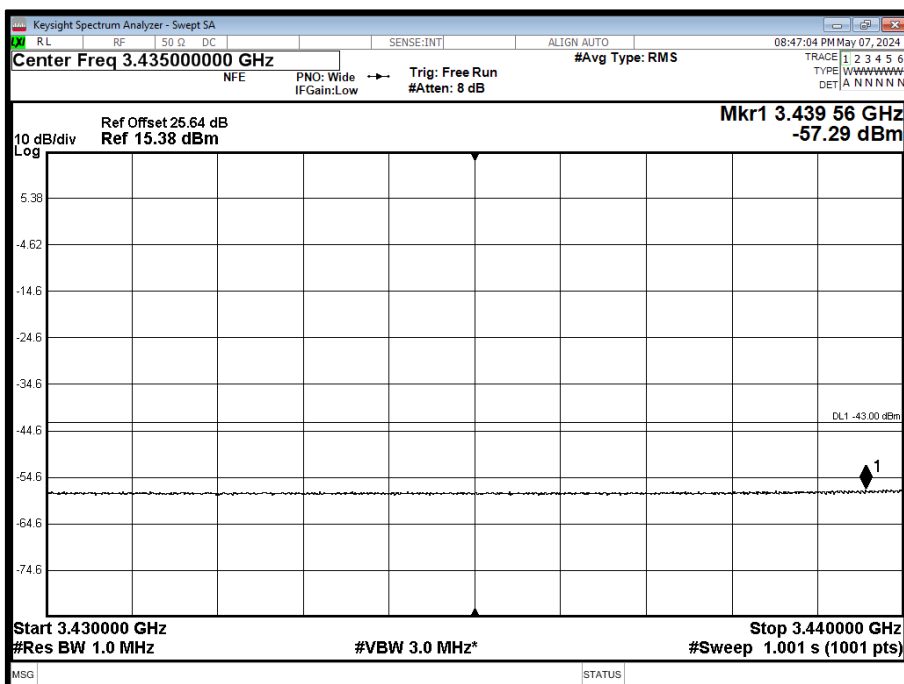
Configuration 5

Maximum Output Power 35.74, 27.96, 27.96 dBm - Module 1 - Max 4W/MHz PSD

Antenna 19 & 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 2C 10M Band 77G - Channel Position B - Band 1 - Range 0.009 to 3430 MHz

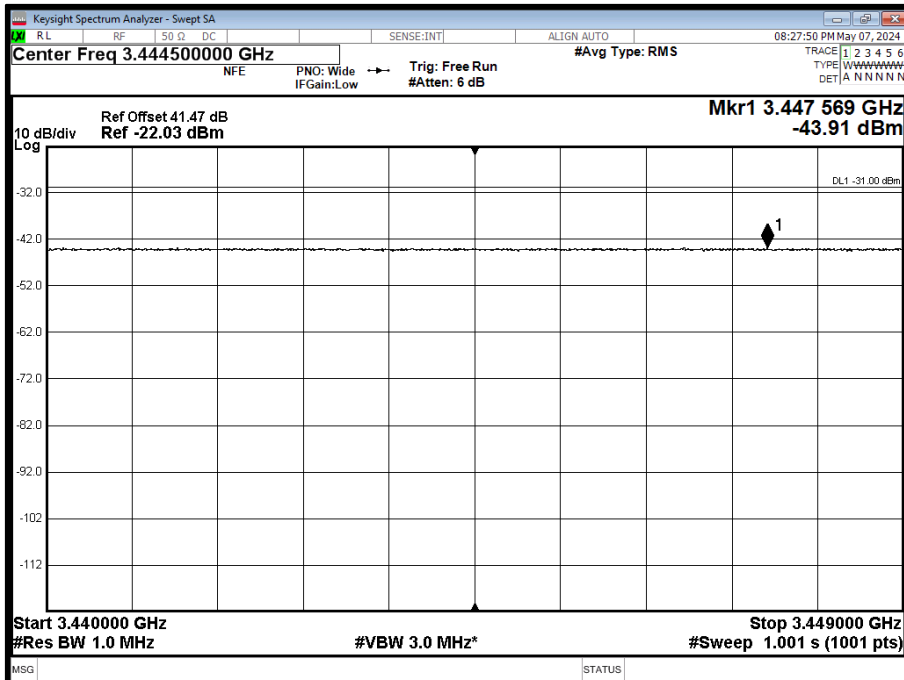


Antenna 19 & 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 2C 10M Band 77G - Channel Position M - Band 2 - Range 3430 to 3440 MHz

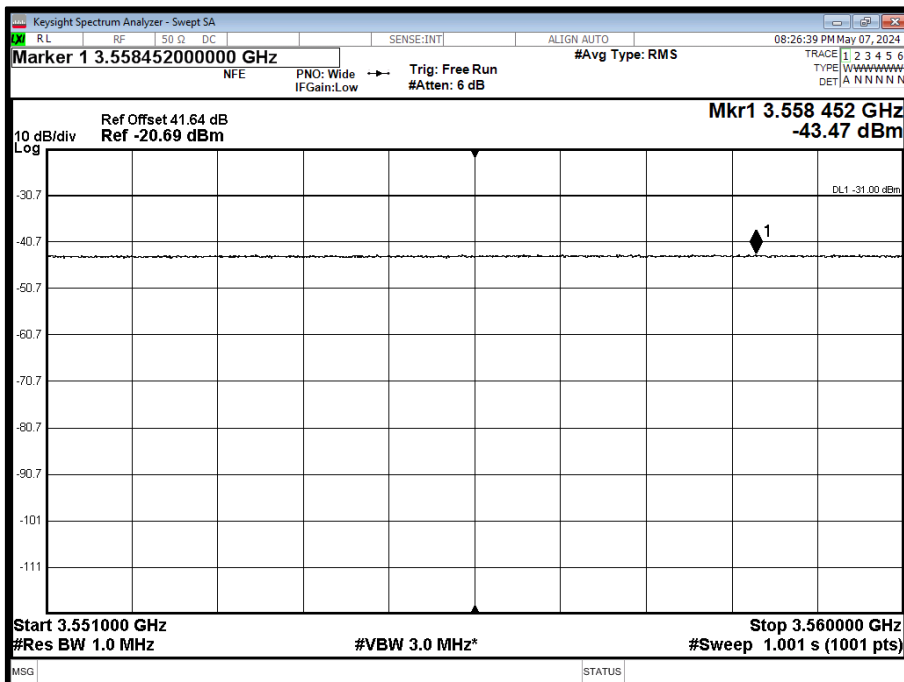




Antenna 19 & 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 2C 10M Band 77G - Channel Position T - Band 3 - Range 3440 to 3449 MHz

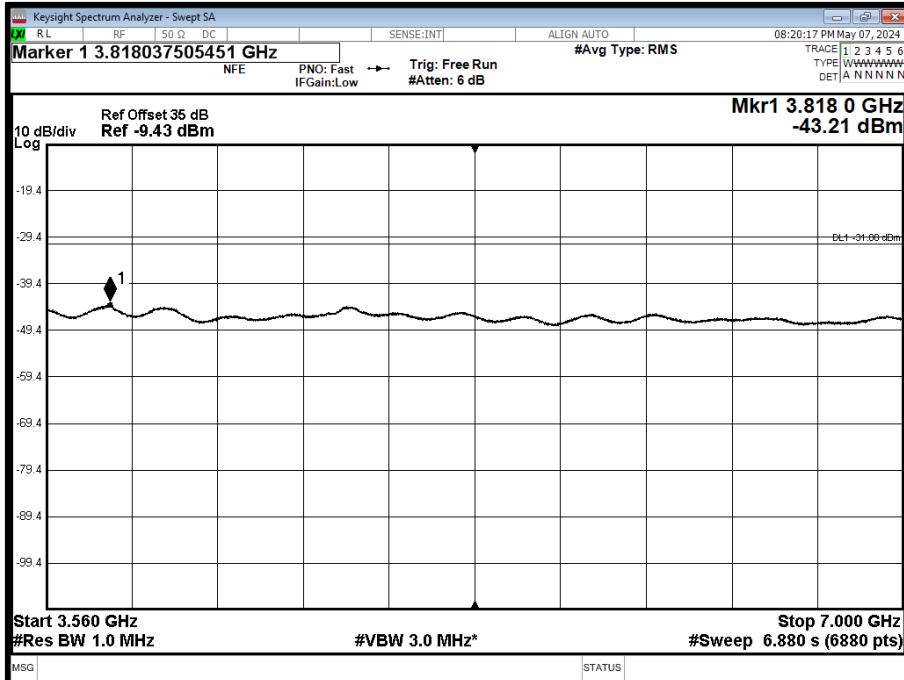


Antenna 19 & 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 2C 10M Band 77G - Channel Position T - Band 4 - Range 3551 to 3560 MHz

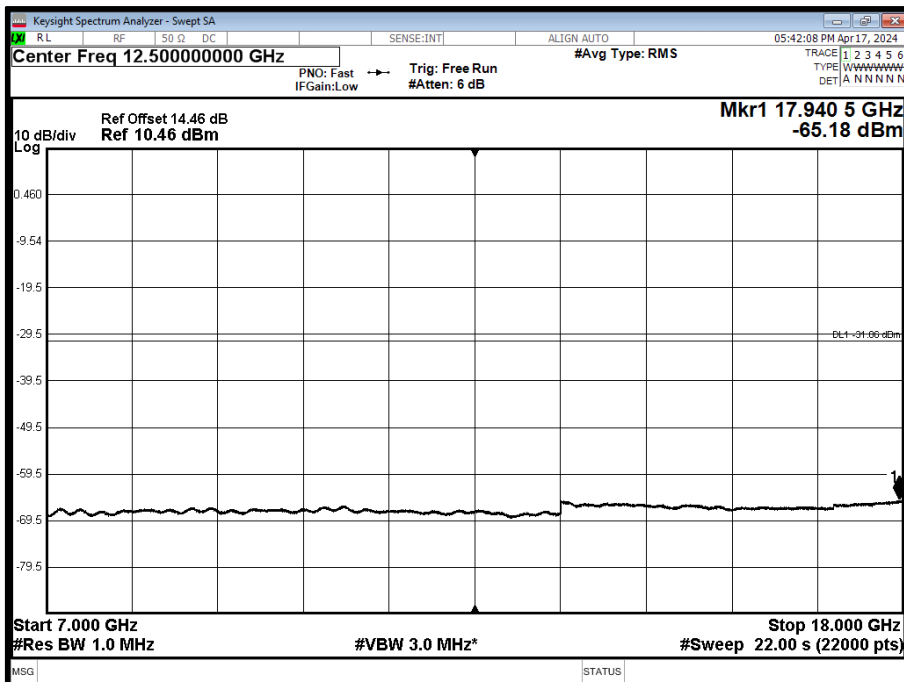




Antenna 19 & 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 2C 10M Band 77G - Channel Position M - Band 5 - Range 3560 to 7000 MHz

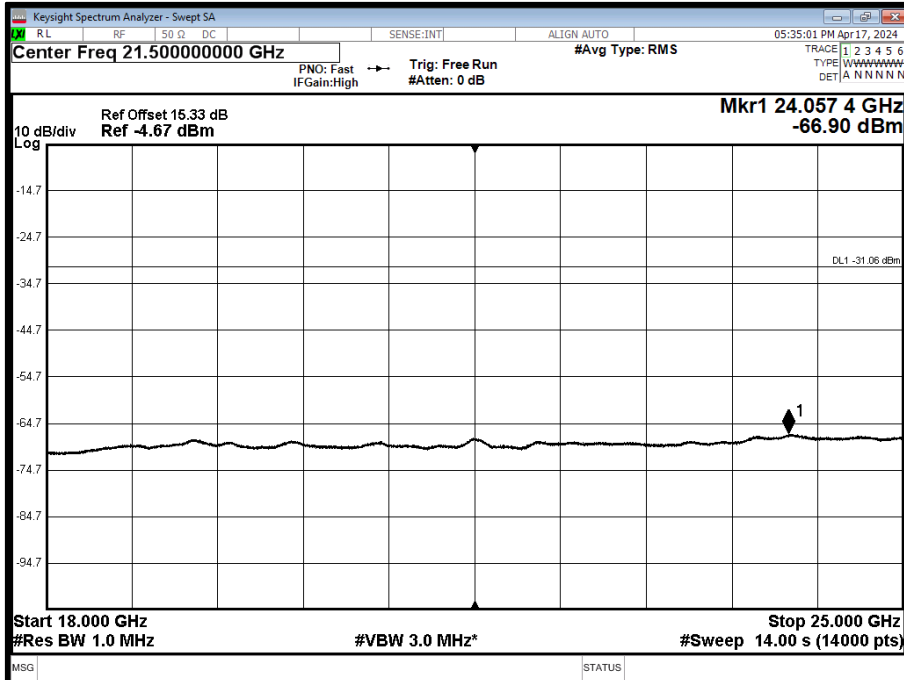


Antenna 19 & 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 2C 10M Band 77G - Channel Position M - Band 6 - Range 7000 to 18000 MHz

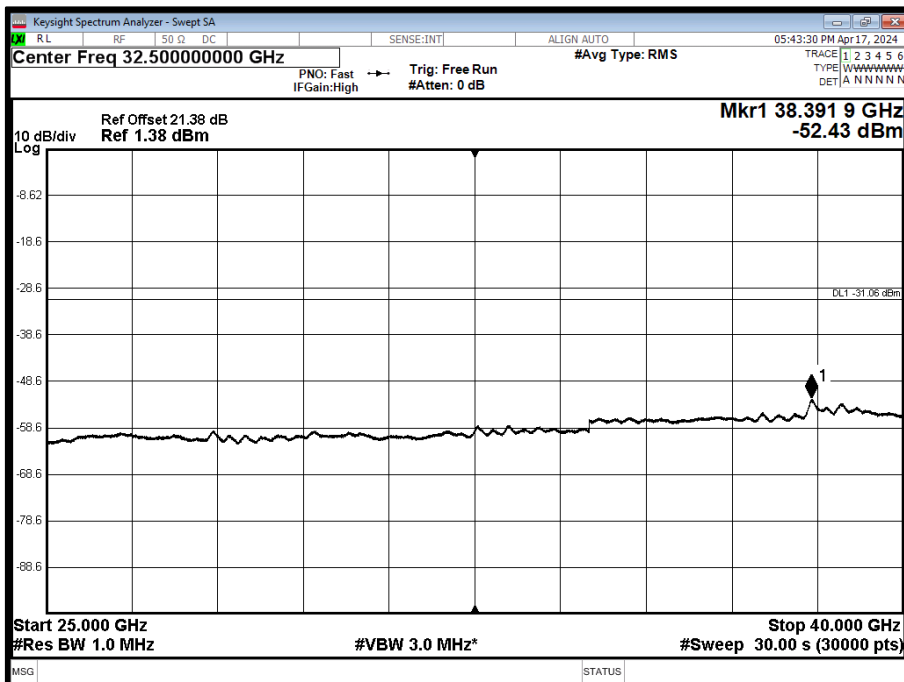




Antenna 19 & 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 2C 10M Band 77G - Channel Position B - Band 7 - Range 18000 to 25000 MHz



Antenna 19 & 1 - NR Modulation QPSK - NR Carrier Bandwidth 1C 60M Band 77M + 2C 10M Band 77G - Channel Position M - Band 8 - Range 25000 to 40000 MHz





Limit 27.53 I (1)

Limit	$-13 \text{ dBm} - 10 * \text{Log} (64) = -31.06 \text{ dBm}$.
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Limit Part 27.53 (n) (1)

Limit	<p>For base station operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with the provisions of this paragraph (n)(1) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz.</p> <p>The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. Notwithstanding the channel edge requirement of -13 dBm per megahertz, for base station operations in the 3450-3550 MHz band, the conducted power of any emission below 3440 MHz or above 3560 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3430 MHz or above 3570 MHz shall not exceed -40 dBm/MHz.</p>
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2.5 FREQUENCY STABILITY

2.5.1 Specification Reference

FCC CFR 47 Part 27, Clause 27.54
 FCC CFR 47 Part 2, Clause 2.1055

2.5.2 Date of Test and Modification State

07-May-2025 - Modification State 0

2.5.3 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.5.4 Environmental Conditions

Ambient Temperature 24.2°C
 Relative Humidity 20.9%

2.5.5 Test Method

All measurements were made in accordance with FCC KDB 971168 D01, Clause 9 and ANSI C63.26 Clause 5.6

2.5.6 Test Results

Configuration 1

Maximum Output Power 27.96, 30.97, 33.98, 36.98 dBm

Module 2 - Max 4W/MHz PSD

Temperature	Voltage	Frequency Error (Hz)
		Channel Position M
-30°C	-48.0 V DC	4.45
-20°C	-48.0 V DC	0.58
-10°C	-48.0 V DC	-0.94
0°C	-48.0 V DC	0.24
+10°C	-48.0 V DC	2.79
+20°C	-40.8 V DC	0.08
+20°C	-48.0 V DC	2.61
+20°C	-55.2 V DC	-2.08
+30°C	-48.0 V DC	4.47
+40°C	-48.0 V DC	0.16
+50°C	-48.0 V DC	1.96



Configuration 2

Maximum Output Power 30.97, 33.98, 35.74, 36.99, 37.96 dBm

Module 2 - Max 4W/MHz PSD

Temperature	Voltage	Frequency Error (Hz)
		Channel Position M
-30°C	-48.0 V DC	3.37
-20°C	-48.0 V DC	0.65
-10°C	-48.0 V DC	4.16
0°C	-48.0 V DC	4.35
+10°C	-48.0 V DC	0.92
+20°C	-40.8 V DC	3.24
+20°C	-48.0 V DC	3.38
+20°C	-55.2 V DC	3.05
+30°C	-48.0 V DC	-1.21
+40°C	-48.0 V DC	3.05
+50°C	-48.0 V DC	4.23

Limit	The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.
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SECTION 3

TEST EQUIPMENT USED



3.1 TEST EQUIPMENT USED

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

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Due
Auxiliary Equipment					
Computer	MacBook Pro	Apple	BAMS-1001997577	N/A	O/P Mon
PSU	LP2 x 700W	Ericsson	S/N:SLP00078	N/A	O/P Mon
SFP module	RDH 102 75/3 R1A	Ericsson	S/N:CU821L13UK	N/A	O/P Mon
Power supply (for EUT)	Agilent Technologies	N8738A	BAMS-1001518021	N/A	O/P Mon
Pre-test/ 64 ports					
Thermo-Hygro-Barometer	RS Pro	1160	TE5824	12	08-Aug-2024
ENA Network Analyzer (2Hz-44GHz)	Keysight	E5080B	BAMS 1056688792	12	11-Jan-2025
PXA Signal Analyzer (2Hz-44GHz)	Keysight	N9030A	BAMS 1001562403	12	02-Jan-2025
Digital Multimeter	RS Pro	RS-14	6609	12	04-Jul-2024
Power Supply	Keysight	N8738A	BAMS 1001643633	N/A	O/P Mon
Spectrum System	TUV SUD	N/A	TE5991	N/A	O/P Mon
Maximum Peak Output Power and Peak to Average Ratio - Conducted					
Attenuator 20dB	Aeroflex/Weinschel	Model: 6834-20-11	SERIAL NO: 004	N/A	O/P Mon
Attenuator 20dB	Aeroflex/Weinschel	Model: 6834-20-11	SERIAL NO: 002	N/A	O/P Mon
ENA Network Analyzer (2Hz-44GHz)	Keysight	E5080B	BAMS 1056688792	12	11-Jan-2025
PXA Signal Analyzer (2Hz-44GHz)	Keysight	N9030A	BAMS 1001562403	12	02-Jan-2025
Power Supply	Keysight	N8738A	BAMS 1001643633	N/A	O/P Mon
Thermo-Hygro-Barometer	RS Pro	1160	TE5824	12	08-Aug-2024
Digital Multimeter	RS Pro	RS-14	TE6609	12	04-Jul-2024
Milliohm Meter	RS Pro	ILOM-508A	TE5755	12	17-May-2024



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Due
Occupied Bandwidth					
Attenuator 20dB	Aeroflex/Weinschel	Model: 6834-20-11	SERIAL NO: 004	N/A	O/P Mon
Attenuator 20dB	Aeroflex/Weinschel	Model: 6834-20-11	SERIAL NO: 002	N/A	O/P Mon
ENA Network Analyzer (2Hz-44GHz)	Keysight	E5080B	BAMS 1056688792	12	11-Jan-2025
PXA Signal Analyzer (2Hz-44GHz)	Keysight	N9030A	BAMS 1001562403	12	02-Jan-2025
Power Supply	Keysight	N8738A	BAMS 1001643633	N/A	O/P Mon
Digital Multimeter	RS Pro	RS-14	TE6609	12	04-Jul-2024
Thermo-Hygro-Barometer	RS Pro	1160	TE5824	12	08-Aug-2024
Milliohm Meter	RS Pro	ILOM-508A	TE5755	12	17-May-2024
Band Edge					
Attenuator 20dB	Aeroflex/Weinschel	Model: 6834-20-11	SERIAL NO: 004	N/A	O/P Mon
Attenuator 20dB	Aeroflex/Weinschel	Model: 6834-20-11	SERIAL NO: 002	N/A	O/P Mon
ENA Network Analyzer (2Hz-44GHz)	Keysight	E5080B	BAMS 1056688792	12	11-Jan-2025
PXA Signal Analyzer (2Hz-44GHz)	Keysight	N9030A	BAMS 1001562403	12	02-Jan-2025
Power Supply	Keysight	N8738A	BAMS 1001643633	N/A	O/P Mon
Digital Multimeter	RS Pro	RS-14	TE6609	12	04-Jul-2024
Thermo-Hygro-Barometer	RS Pro	1160	TE5824	12	08-Aug-2024
Milliohm Meter	RS Pro	ILOM-508A	TE5755	12	17-May-2024
Transmitter Spurious Emissions					
High Pass Filter	RF-Lambda	RHPF23G06G40	21052000020	N/A	O/P Mon
Diplexer	Ericsson	3450-3550 MHz	BAMS-1017014288	N/A	O/P Mon
Attenuator 20dB	Aeroflex/Weinschel	Model: 6834-20-11	SERIAL NO: 004	N/A	O/P Mon
Attenuator 20dB	Aeroflex/Weinschel	Model: 6834-20-11	SERIAL NO: 002	N/A	O/P Mon
ENA Network Analyzer (2Hz-44GHz)	Keysight	E5080B	BAMS 1056688792	12	11-Jan-2025
PXA Signal Analyzer (2Hz-44GHz)	Keysight	N9030A	BAMS 1001562403	12	02-Jan-2025
Digital Multimeter	RS Pro	RS-14	TE6609	12	04-Jul-2024
Power Supply	Keysight	N8738A	BAMS 1001643633	N/A	O/P Mon
Thermo-Hygro-Barometer	RS Pro	1160	TE5824	12	08-Aug-2024
Milliohm Meter	RS Pro	ILOM-508A	TE5755	12	17-May-2024



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Due
Frequency Stability					
Signal and Spectrum Analyzer	Rohde & Schwarz	FSW	BAMS-1001490625	12	22-Apr-2025
System DC Power Supply	Keysight	N8757A	BAMS-1001955329	N/A	O/P Mon
Digital Multimeter	RS Pro	RS-14	TE6609	12	04-Jul-2024
Climatic Chamber 9	Vötsch Industries Technik	-	BAMS-1001235892	N/A	O/P Mon
Digital Thermometer	RS Pro	RS 51	TE6636	12	12-Jul-2024
Thermo-Hygro-Barometer	RS Pro	1160	TE5824	12	08-Aug-2024

TU – Traceability Unscheduled

N/A – Not Applicable

O/P Mon – Output Monitored with Calibrated Equipment



3.2 MEASUREMENT UNCERTAINTY

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

Test Discipline	Frequency / Parameter	MU	MU Unit
Conducted Maximum Peak Output Power- HP-VEE Software	3450 to 3550 MHz	1.7704	dB
Conducted Maximum Peak Output Power- HP-VEE Software	3840 to 3980 MHz	1.7649	dB
Conducted Maximum Peak Output Power- Spectrum	Up to 8.4 GHz	±1.07	dB
Conducted Emissions- HP-VEE Software	0.09 MHz to 3430 MHz	1.7742	dB
Conducted Emissions- HP-VEE Software	3430 MHz to 3440 MHz	1.7674	dB
Conducted Emissions- HP-VEE Software	3440 MHz to 3449 MHz	1.7667	dB
Conducted Emissions- HP-VEE Software	3551 MHz to 3560 MHz	1.7675	dB
Conducted Emissions- HP-VEE Software	3560 MHz to 7000 MHz	1.7777	dB
Conducted Emissions- HP-VEE Software	3560 MHz to 7000 MHz	1.7777	dB
Conducted Emissions- HP-VEE Software	7 GHz to 40 GHz	1.8958	dB
Frequency Stability - HP-VEE Software	3840 to 3980 MHz	136.933	Hz
Frequency Stability - HP-VEE Software	3450 to 3550 MHz	122.633	Hz
Occupied Bandwidth - HP-VEE Software or Spectrum	Up to 100 MHz Bandwidth	10 MHz Bandwidth	65818.661 Hz
		20 MHz Bandwidth	131634.488 Hz
		40 MHz Bandwidth	316415.634 Hz
		60 MHz Bandwidth	396316.401 Hz
		80 MHz Bandwidth	527947.844 Hz
		100 MHz Bandwidth	658161.097 Hz
Band Edge- HP-VEE Software	3450 to 3550 MHz	1.7704	dB
Band Edge- HP-VEE Software	3840 to 3980 MHz	1.7649	dB
Band Edge & PSD - Spectrum	Up to 8.4 GHz	±1.05	dB
Radiated Spurious Emissions	30 MHz to 1GHz	± 5.2	dB
	1 GHz to 40GHz	± 6.3	dB

Measurement Uncertainty Decision Rule

Determination of conformity with the specification limits is based on the results of the compliance measurement and does not take into account measurement instrumentation uncertainty as defined in ANSI C63.26:2015 Clause 1.3.

Risk: The uncertainty of measurement about the measured result is negligible with regard to the final pass/fail decision. The measurement result can be directly compared with the test limit to determine conformance with the requirement (compare IEC Guide 115). The level of risk to falsely accept and falsely reject items is further described in ILAC-G8



3.3 MEASUREMENT SOFTWARE USED

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	V3.35
Spectrum BTS Software	TUV SUD	Spectrum	SCU004	V1.11.8



SECTION 5

ACCREDITATION, DISCLAIMERS AND COPYRIGHT



4.1 ACCREDITATION, DISCLAIMERS AND COPYRIGHT



Accred. no. 10363
Testing
ISO/IEC 17025

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).

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Postal Address: Adelgatan 2, 211 22 Malmö, Sweden



ANNEX A

MODULE LIST



Configurations 1-5 Sections 2.1, 2.2, 2.3, 2.4			
Product	Product No	R-State	Serial No
AIR 6472 B77G 77M	KRD 901 259/2	R1C	CB2A5951ZD
CT-DU25	LPC 102 500/1	R3F	ET5K000194
Software Version:	CXP2021151/1	Revision:	P20B30604
Configurations 1-5 Sections 2.1, 2.5			
Product	Product No	R-State	Serial No
AIR 6472 B77G 77M	KRD 901 259/2	R1C	CB2A5951Z5
CT-DU25	KRD 901 259/2	R1C	T01G522083
Software Version:	CXP2021151/1	Revision:	P20B30604

Auxiliary Equipment			
Instrument	Manufacturer	Type No.	TE No.
Computer	MacBook Pro	Apple	BAMS-1001997577
PSU	LP2 x 700W	Ericsson	S/N: SLP00078
SFP module	RDH 102 75/3 R1A	Ericsson	S/N:CU821L13UK
Power supply (for EUT)	Agilent Technologies	N8738A	BAMS-1001518021

External Cables Connected to the EUT			
Port	Type	Length (m)	Specifications
DC in	DC power	2*10 m2	Copper cable
Earth	Ground	50 mm2	300/500V, -40/90 °C
Data_1 & Data_2	Optical fibre cable	20m	Single Mode Duplex