## 3.4. Peak Excursion

| Omni-directional Antenna |
|---|

| Test Mode | Frequency (MHz) | ANT-1 | Limit (dB) |
|---|---|---|---|
| Mode 1 | 4942.5 | 5.860 | ≤ 13.00 |
| | 4967.5 | 6.440 | |
| | 4987.5 | 5.750 | |
| Mode 2 | 4945.0 | 5.810 | |
| | 4965.0 | 5.490 | |
| | 4985.0 | 5.570 | |
| Mode 3 | 4950.0 | 5.980 | |
| | 4965.0 | 5.310 | |
| | 4980.0 | 5.550 | |
| Mode 4 | 4942.5 | 5.860 | |
| | 4967.5 | 6.400 | |
| | 4987.5 | 5.780 | |
| Mode 5 | 4945.0 | 5.840 | |
| | 4965.0 | 5.460 | |
| | 4985.0 | 5.570 | |
| Mode 6 | 4950.0 | 5.510 | |
| | 4965.0 | 5.410 | |
| | 4980.0 | 5.590 | |

| Test Mode | Frequency (MHz) | ANT-0 | ANT-1 | Limit (dB) |
|---|---|---|---|---|
| Mode 7 | 4942.5 | 7.320 | 7.410 | ≤ 13.00 |
| | 4967.5 | 7.390 | 7.500 | |
| | 4987.5 | 7.930 | 8.070 | |
| Mode 8 | 4945.0 | 5.790 | 5.930 | |
| | 4965.0 | 6.150 | 6.170 | |
| | 4985.0 | 6.310 | 6.340 | |
| Mode 9 | 4950.0 | 6.270 | 6.180 | |
| | 4965.0 | 5.690 | 5.470 | |
| | 4980.0 | 5.490 | 5.720 | |
| Mode 10 | 4942.5 | 7.350 | 7.530 | |
| | 4967.5 | 7.270 | 7.730 | |
| | 4987.5 | 7.960 | 8.120 | |
| Mode 11 | 4945.0 | 5.710 | 5.660 | |
| | 4965.0 | 6.250 | 6.180 | |
| | 4985.0 | 6.390 | 6.280 | |
| Mode 12 | 4950.0 | 5.720 | 5.650 | |
| | 4965.0 | 5.700 | 5.560 | |
| | 4980.0 | 5.620 | 5.820 | |

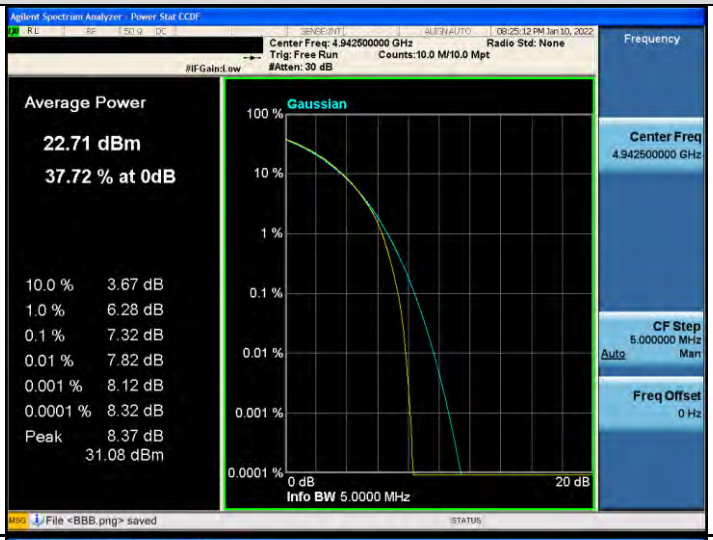
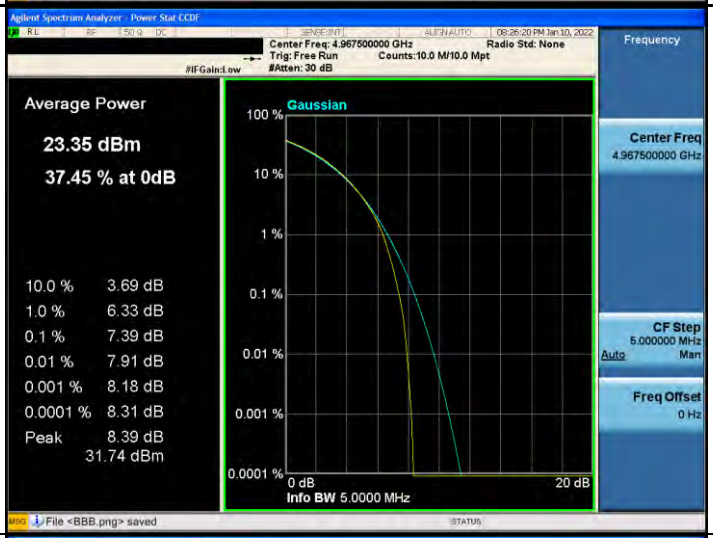
| Directional Panel Antenna |
|---|

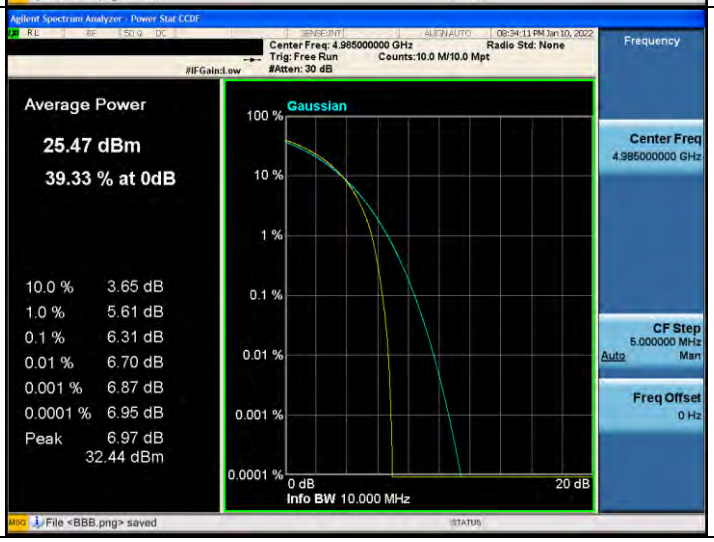
| Test Mode | Frequency (MHz) | ANT-1 | Limit (dB) |
|---|---|---|---|
| Mode 1 | 4942.5 | 8.610 | ≤ 13.00 |
| | 4967.5 | 8.580 | |
| | 4987.5 | 8.640 | |
| Mode 2 | 4945.0 | 8.630 | |
| | 4965.0 | 8.570 | |
| | 4985.0 | 8.560 | |
| Mode 3 | 4950.0 | 8.520 | |
| | 4965.0 | 8.530 | |
| | 4980.0 | 8.510 | |
| Mode 4 | 4942.5 | 8.610 | |
| | 4967.5 | 8.580 | |
| | 4987.5 | 8.630 | |
| Mode 5 | 4945.0 | 8.580 | |
| | 4965.0 | 8.570 | |
| | 4985.0 | 8.570 | |
| Mode 6 | 4950.0 | 8.270 | |
| | 4965.0 | 8.250 | |
| | 4980.0 | 8.240 | |

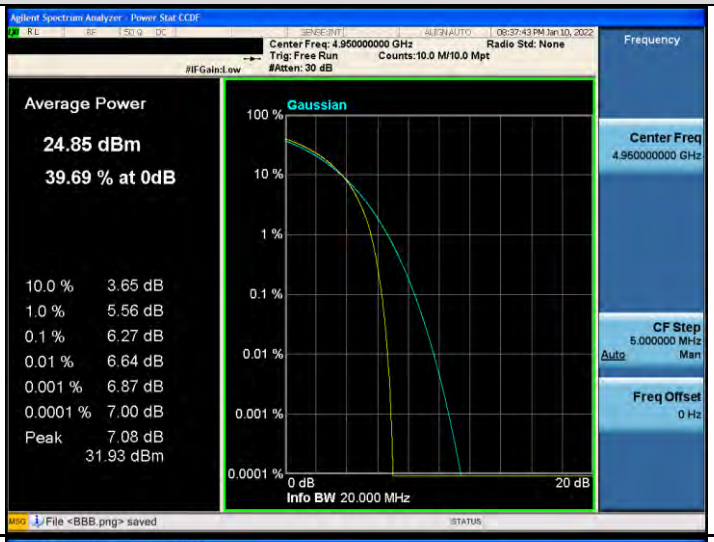
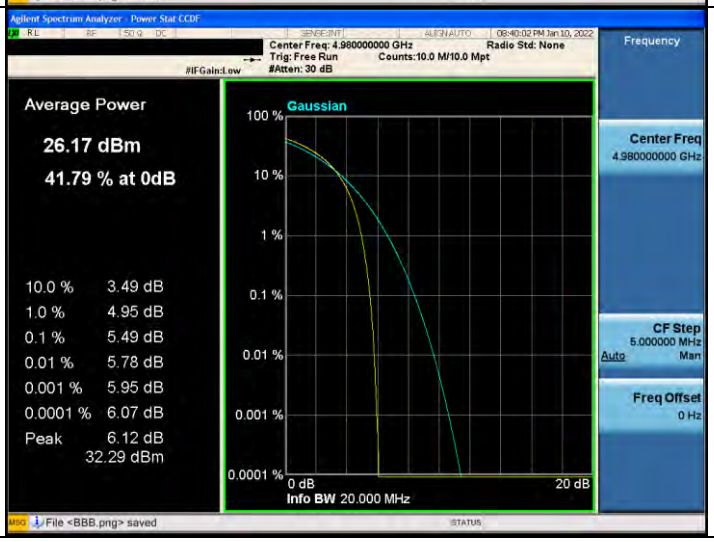
| Test Mode | Frequency (MHz) | ANT-0 | ANT-1 | Limit (dB) |
|---|---|---|---|---|
| Mode 7 | 4942.5 | 8.600 | 8.610 | ≤ 13.00 |
| | 4967.5 | 8.590 | 8.590 | |
| | 4987.5 | 8.550 | 8.580 | |
| Mode 8 | 4945.0 | 8.580 | 8.620 | |
| | 4965.0 | 8.590 | 8.610 | |
| | 4985.0 | 8.530 | 8.560 | |
| Mode 9 | 4950.0 | 8.550 | 8.570 | |
| | 4965.0 | 8.570 | 8.150 | |
| | 4980.0 | 8.490 | 8.470 | |
| Mode 10 | 4942.5 | 8.570 | 8.610 | |
| | 4967.5 | 8.580 | 8.600 | |
| | 4987.5 | 8.530 | 8.560 | |
| Mode 11 | 4945.0 | 8.600 | 8.600 | |
| | 4965.0 | 8.580 | 8.610 | |
| | 4985.0 | 8.570 | 8.540 | |
| Mode 12 | 4950.0 | 8.130 | 8.230 | |
| | 4965.0 | 8.130 | 8.120 | |
| | 4980.0 | 8.070 | 8.050 | |

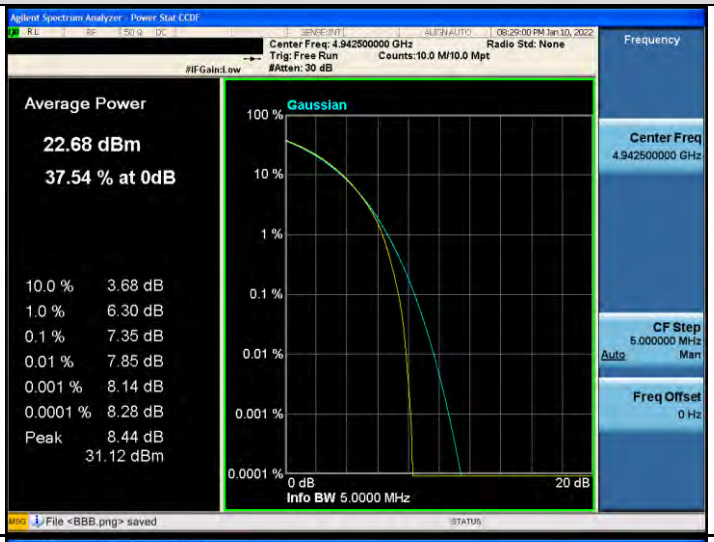
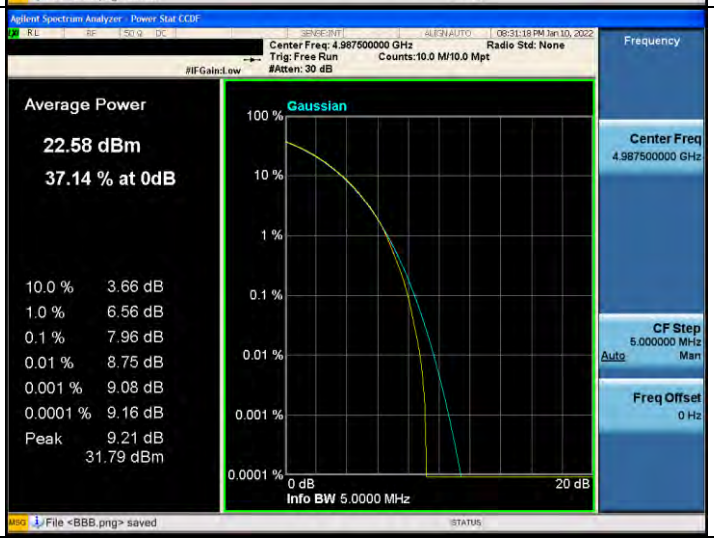
| Omni-directional Antenna |
|---|

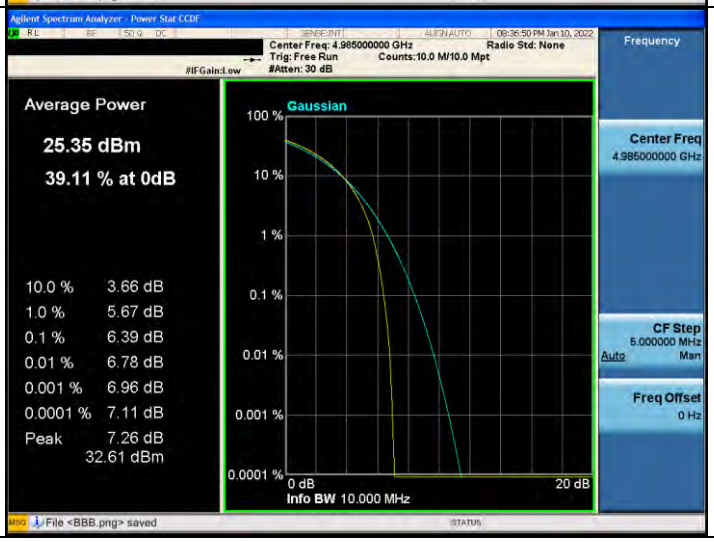
■ **Test Graphs**

| Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-0 | | | |
|---|---|---|---|
| 4942.5 MHz | |  | |
| 4967.5 MHz | |  | |
| 4987.5 MHz | | | |

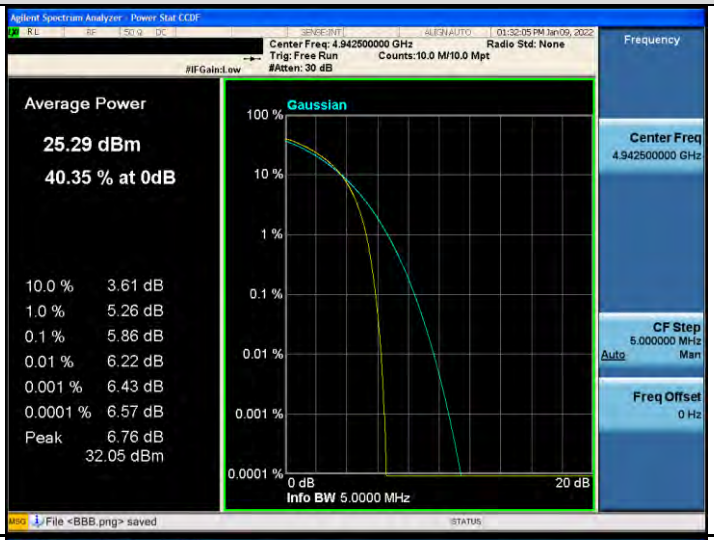
| Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0 | | | |
|---|---|---|---|
| 4945 MHz | | | |
| 4965 MHz | | | |
| 4985 MHz | |  | |

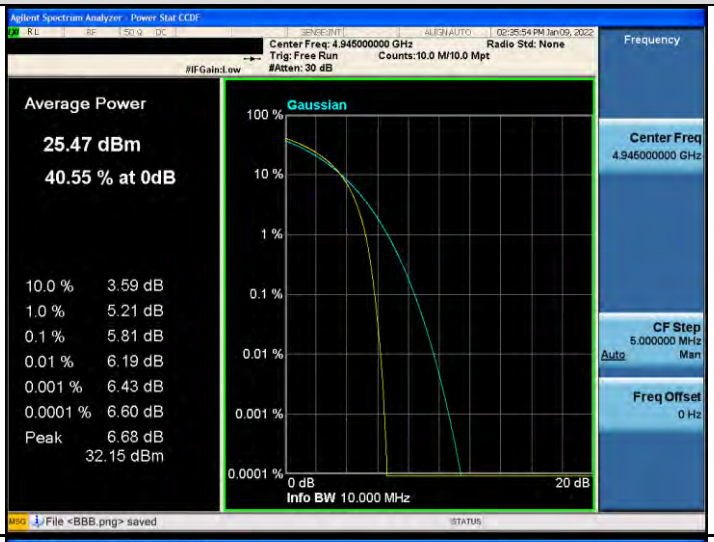
| Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-0 | | | |
|---|---|---|---|
| 4950 MHz | |  | |
| 4965 MHz | | | |
| 4980 MHz | |  | |

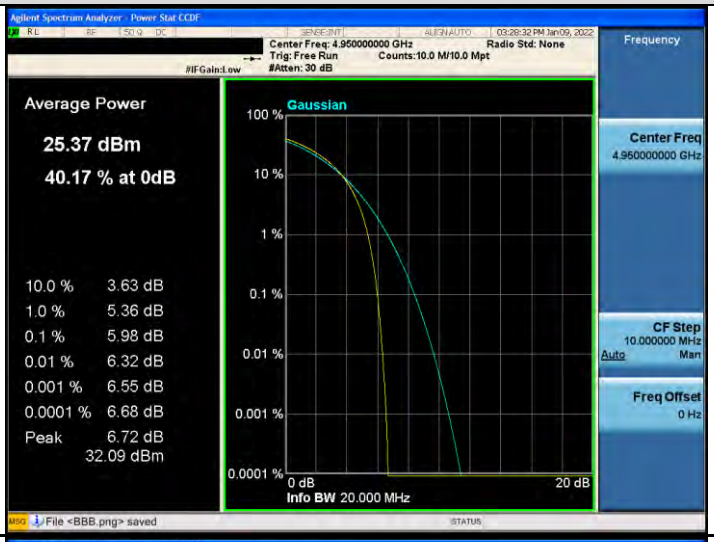
| Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0 | | | |
|---|---|---|---|
| 4942.5 MHz | |  | |
| 4967.5 MHz | | | |
| 4987.5 MHz | |  | |

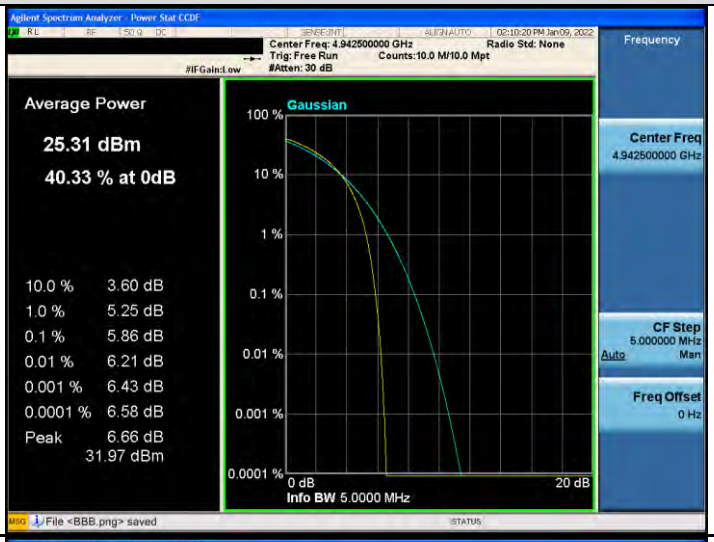
| Mode 11: MIMO_10 MHz Continuous TX mode_ANT-0 | | | |
|---|---|---|---|
| 4945 MHz | | | |
| 4965 MHz | | | |
| 4985 MHz | |  | |

| Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0 | | | |
|---|---|---|---|
| 4950 MHz | | | |
| 4965 MHz | | | |
| 4980 MHz | | | |

| Mode 1: SISO_5 MHz Continuous TX mode (Legacy) _ANT-1 | | | |
|---|---|---|---|
| 4942.5 MHz | |  | |
| 4967.5 MHz | | | |
| 4987.5 MHz | | | |

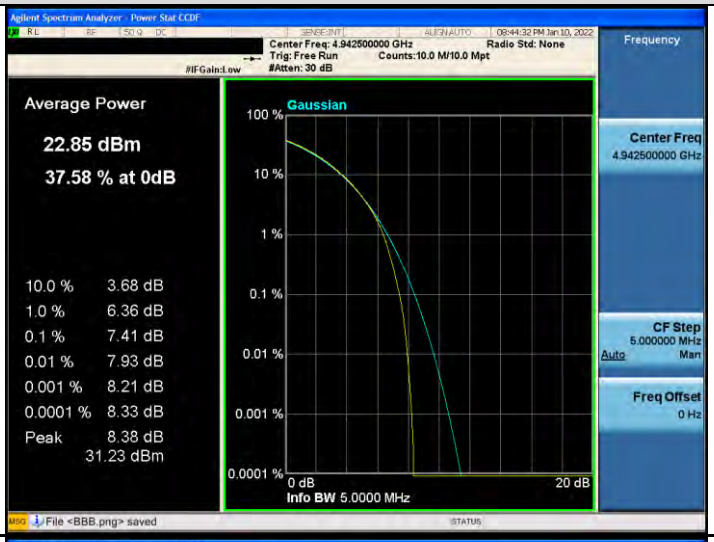
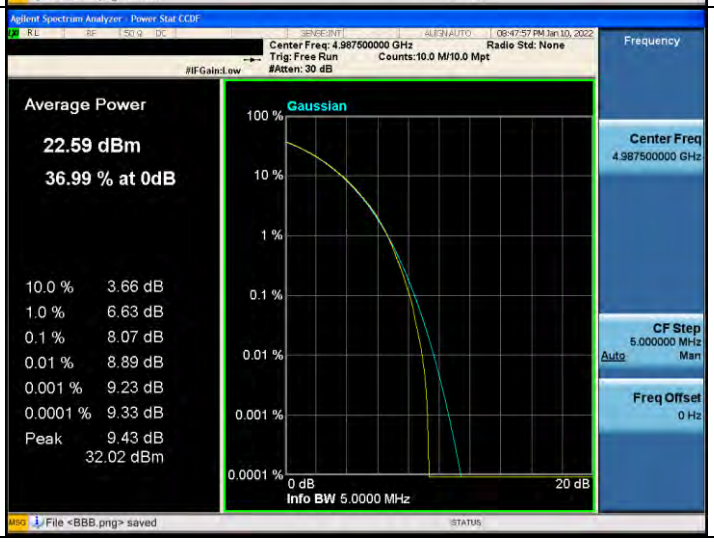
| Mode 2: SISO_10 MHz Continuous TX mode (Legacy) _ANT-1 | | | |
|---|---|---|---|
| 4945 MHz | |  | |
| 4965 MHz | | | |
| 4985 MHz | | | |

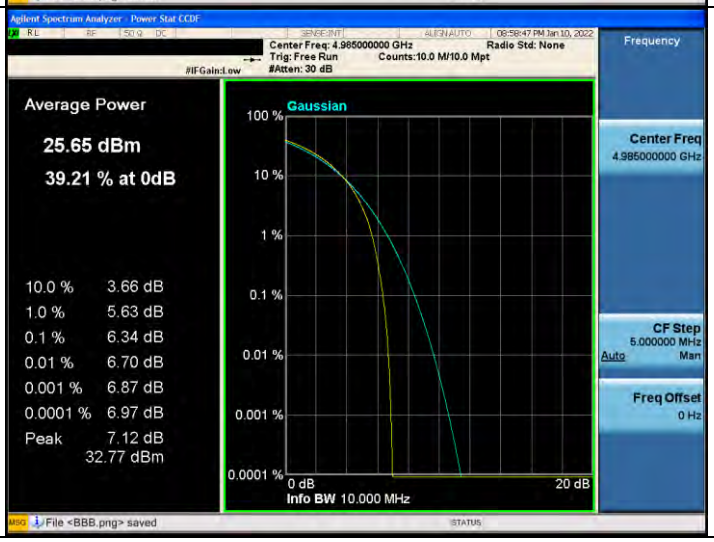
| Mode 3: SISO_20 MHz Continuous TX mode (Legacy) _ANT-1 | | | |
|---|---|---|---|
| 4950 MHz | |  | |
| 4965 MHz | | | |
| 4980 MHz | | | |

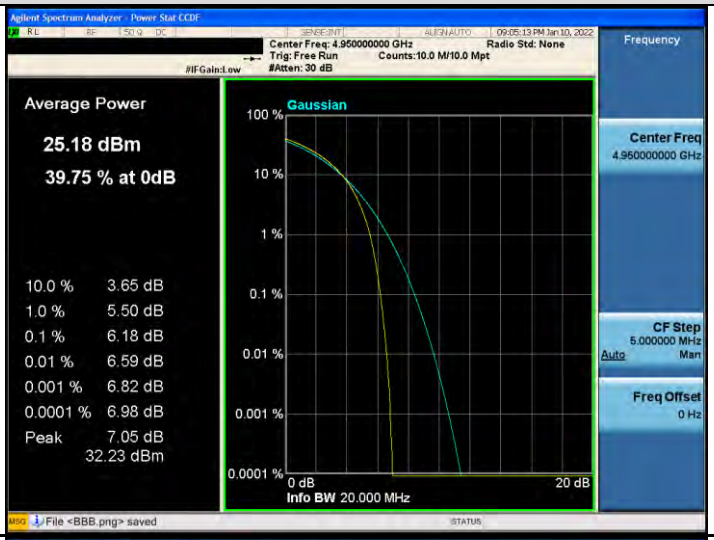
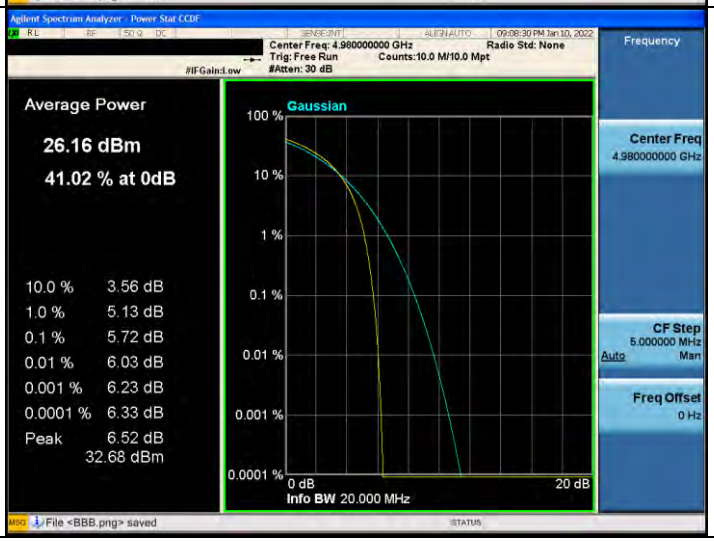
| Mode 4: SISO_5 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4942.5 MHz | |  | |
| 4967.5 MHz | | | |
| 4987.5 MHz | | | |

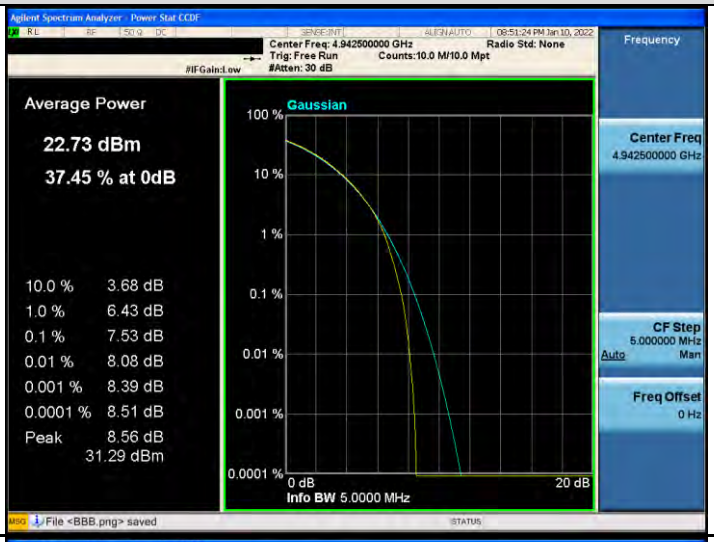
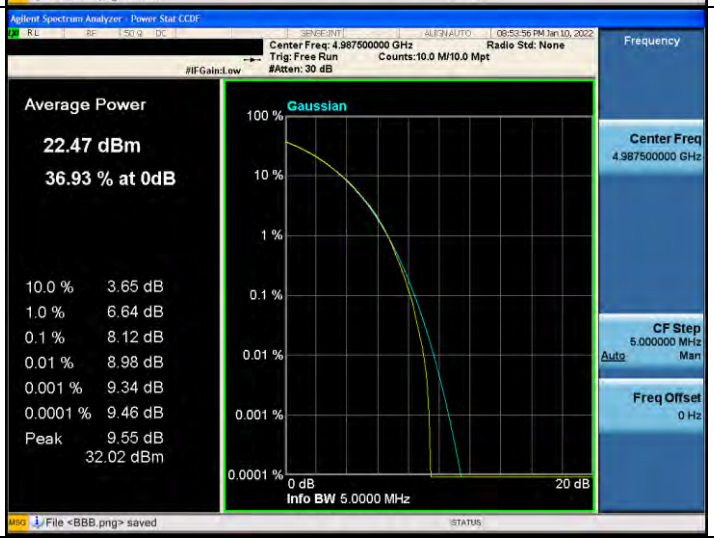
| Mode 5: SISO_10 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4945 MHz | | | |
| 4965 MHz | | | |
| 4985 MHz | | | |

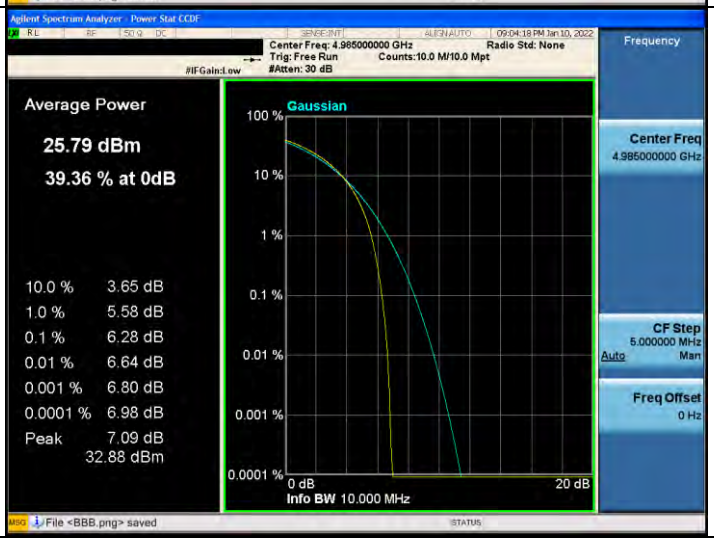
| Mode 6: SISO_20 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4950 MHz | | | |
| 4965 MHz | | | |
| 4980 MHz | | | |

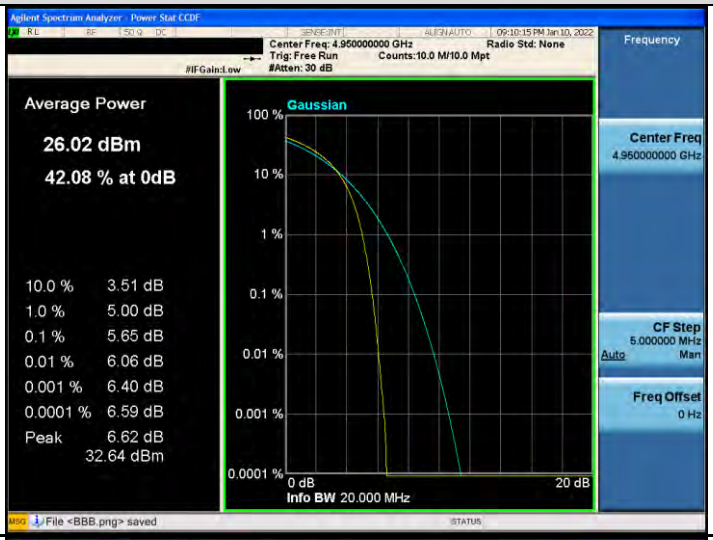
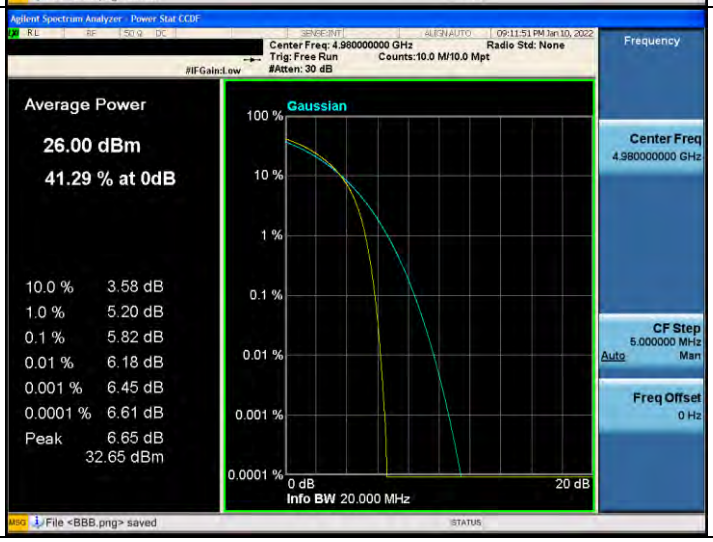
| Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-1 | | | |
|---|---|---|---|
| 4942.5 MHz | |  | |
| 4967.5 MHz | | | |
| 4987.5 MHz | |  | |

| Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-1 | | | |
|---|---|---|---|
| 4945 MHz | | | |
| 4965 MHz | | | |
| 4985 MHz | |  | |

| Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-1 | | | |
|---|---|---|---|
| 4950 MHz | |  | |
| 4965 MHz | | | |
| 4980 MHz | |  | |

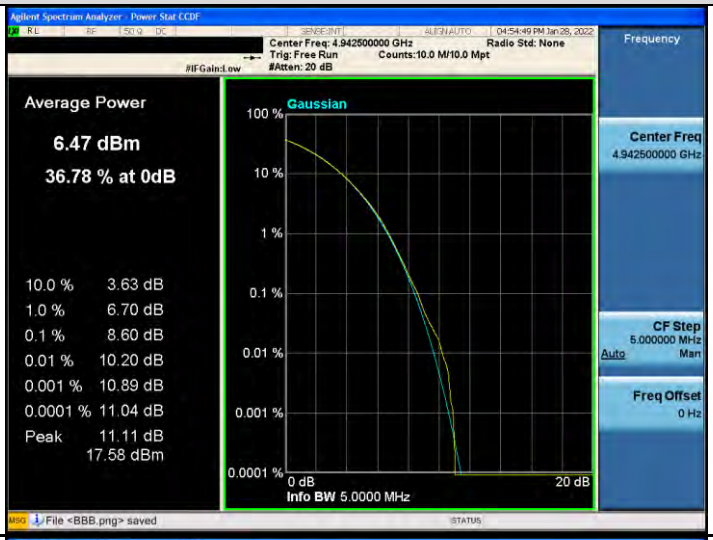
| Mode 10: MIMO_5 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4942.5 MHz | |  | |
| 4967.5 MHz | | | |
| 4987.5 MHz | |  | |

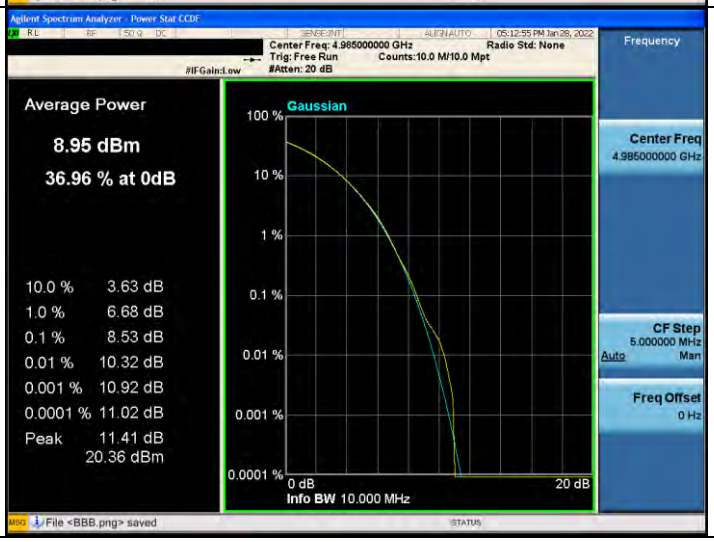
| Mode 11: MIMO_10 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4945 MHz | | | |
| 4965 MHz | | | |
| 4985 MHz | |  | |

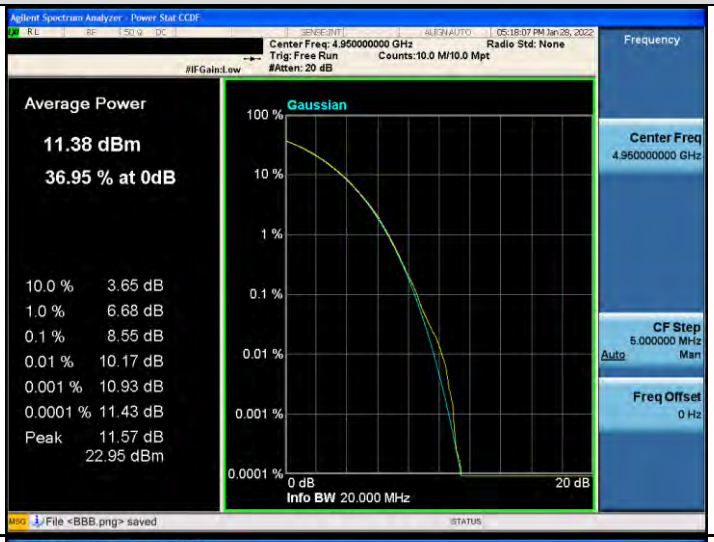
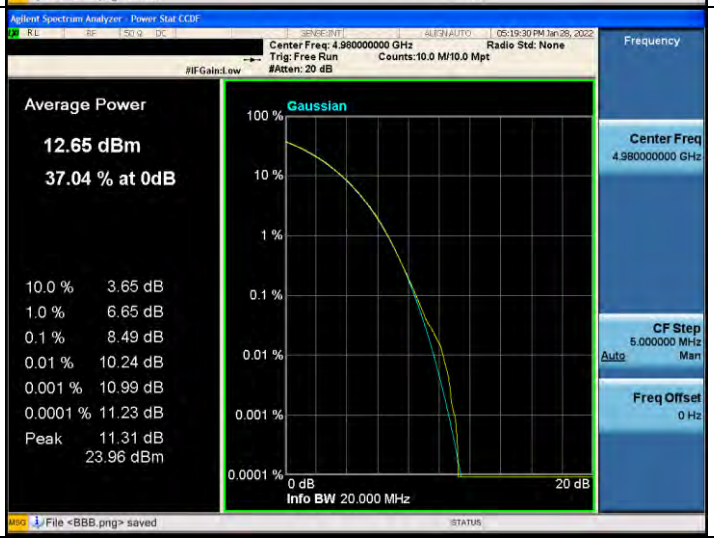
| Mode 12: MIMO_20 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4950 MHz | |  | |
| 4965 MHz | | | |
| 4980 MHz | |  | |

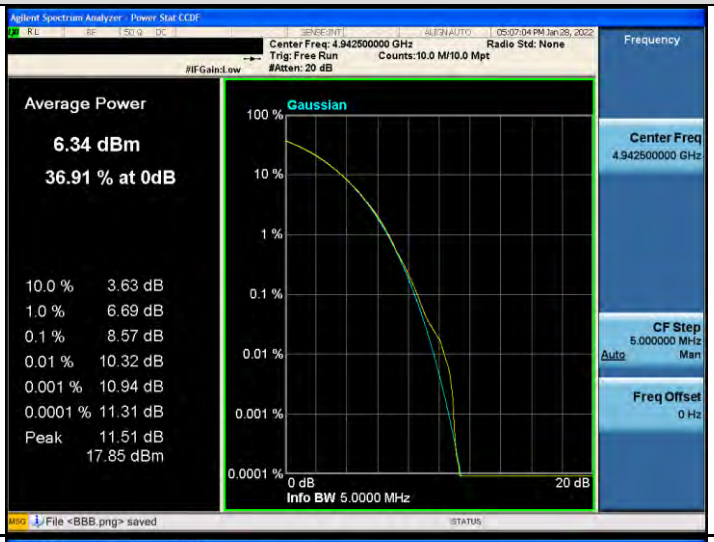
| Directional Panel Antenna |
|---|

■ **Test Graphs**

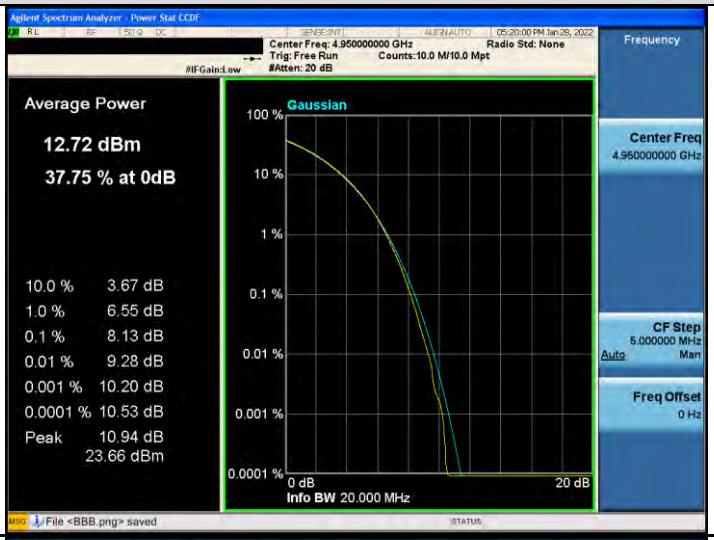
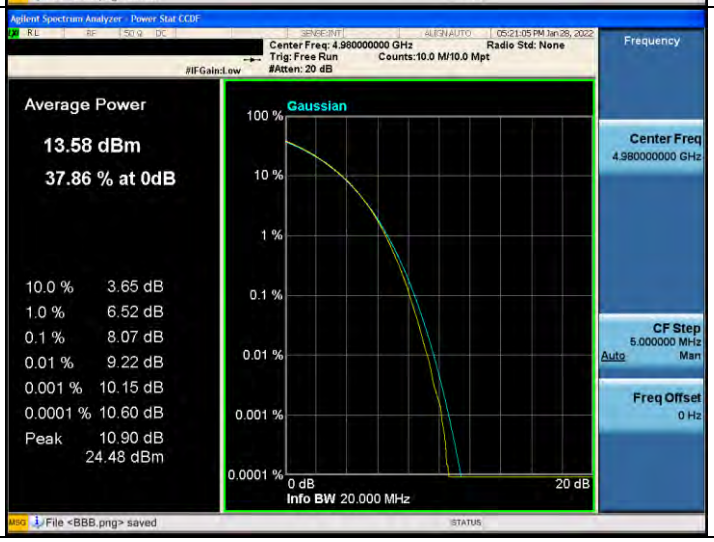
| Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-0 | | |
|---|---|---|
| 4942.5 MHz | |  |
| 4967.5 MHz | | |
| 4987.5 MHz | | |

| Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0 | | | |
|---|---|---|---|
| 4945 MHz | | | |
| 4965 MHz | | | |
| 4985 MHz | |  | |

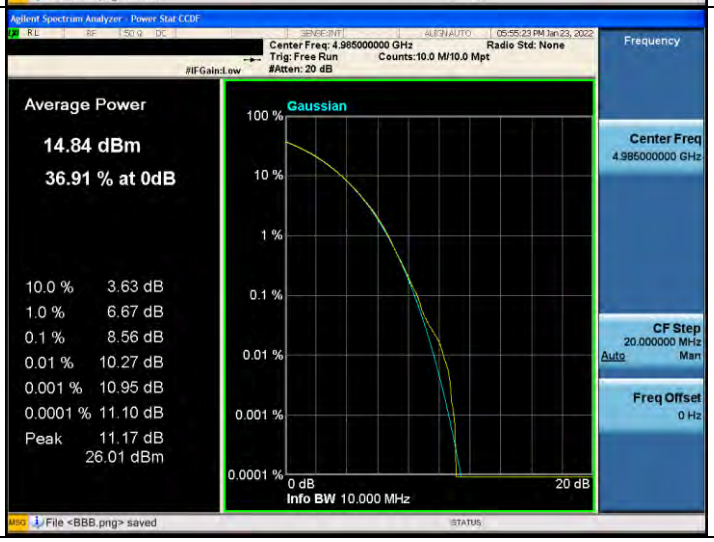
| Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-0 | | | |
|---|---|---|---|
| 4950 MHz | |  | |
| 4965 MHz | | | |
| 4980 MHz | |  | |

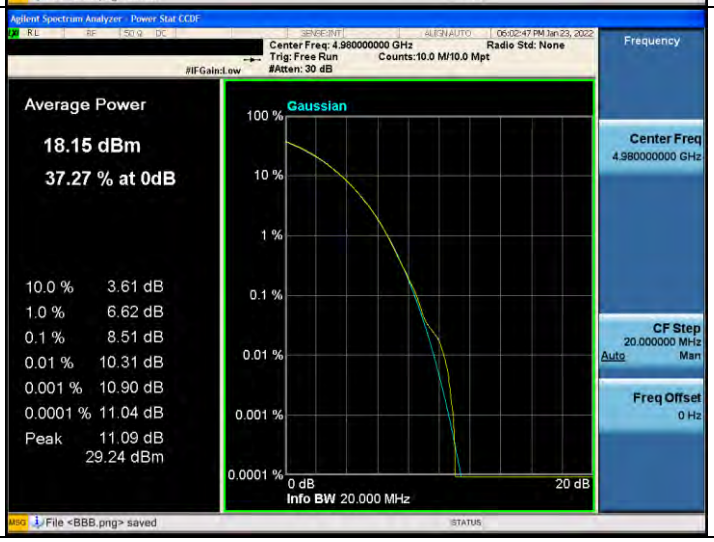
| Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0 | | | |
|---|---|---|---|
| 4942.5 MHz | |  | |
| 4967.5 MHz | | | |
| 4987.5 MHz | | | |

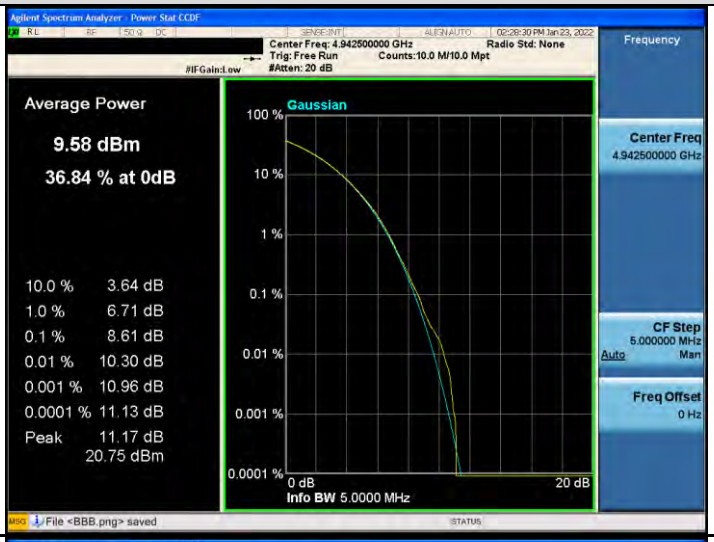
| Mode 11: MIMO_10 MHz Continuous TX mode_ANT-0 | | | |
|---|---|---|---|
| 4945 MHz | | | |
| 4965 MHz | | | |
| 4985 MHz | | | |

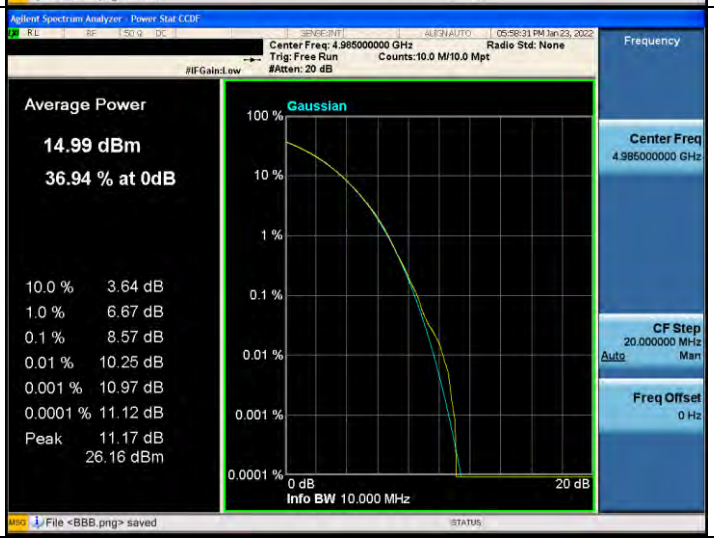
| Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0 | | | |
|---|---|---|---|
| 4950 MHz | |  | |
| 4965 MHz | | | |
| 4980 MHz | |  | |

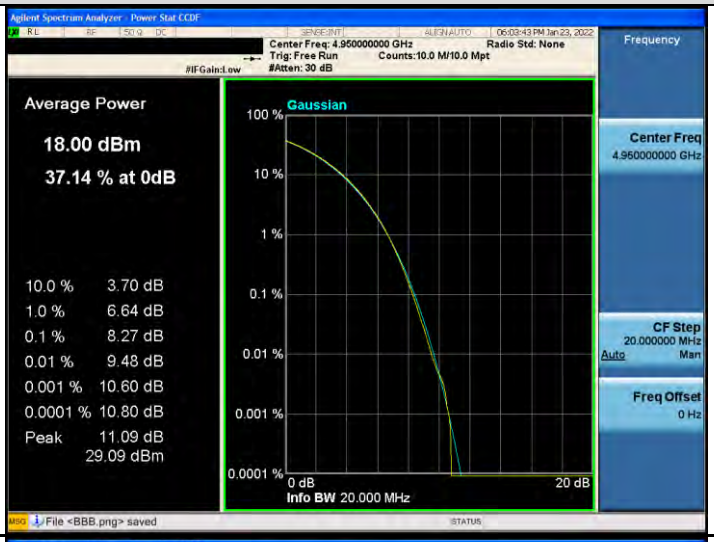
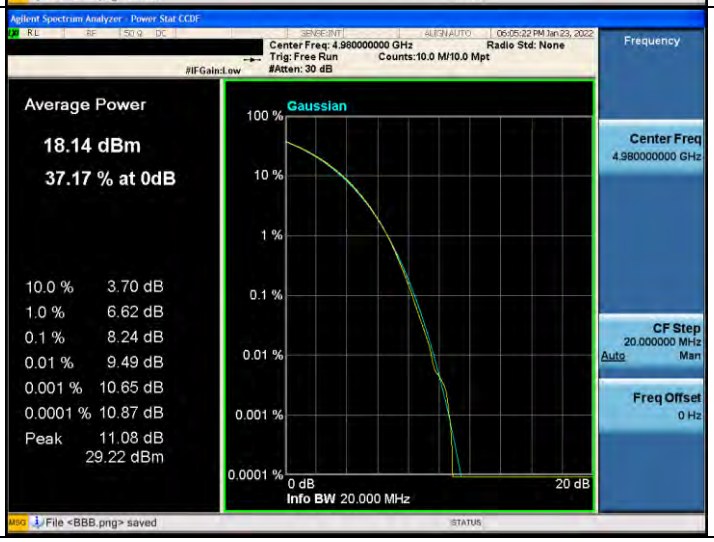
| Mode 1: SISO_5 MHz Continuous TX mode (Legacy) _ANT-1 | | | |
|---|---|---|---|
| 4942.5 MHz | | | |
| 4967.5 MHz | | | |
| 4987.5 MHz | | | |

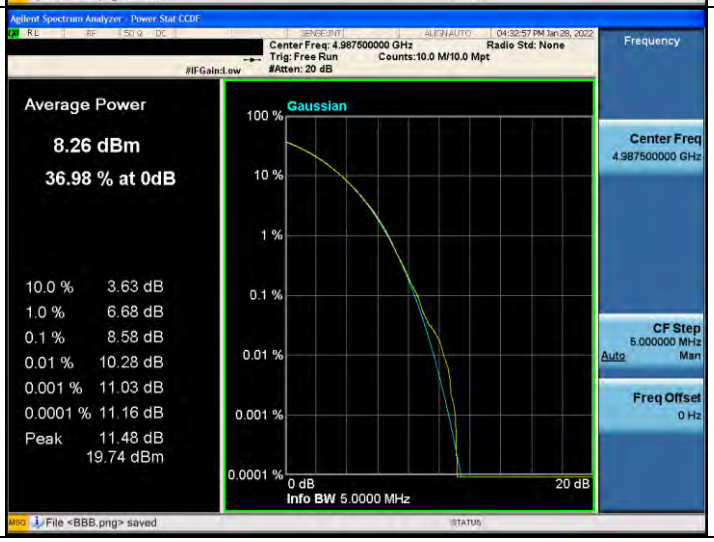
| Mode 2: SISO_10 MHz Continuous TX mode (Legacy) _ANT-1 | | | |
|---|---|---|---|
| 4945 MHz | | | |
| 4965 MHz | | | |
| 4985 MHz | |  | |

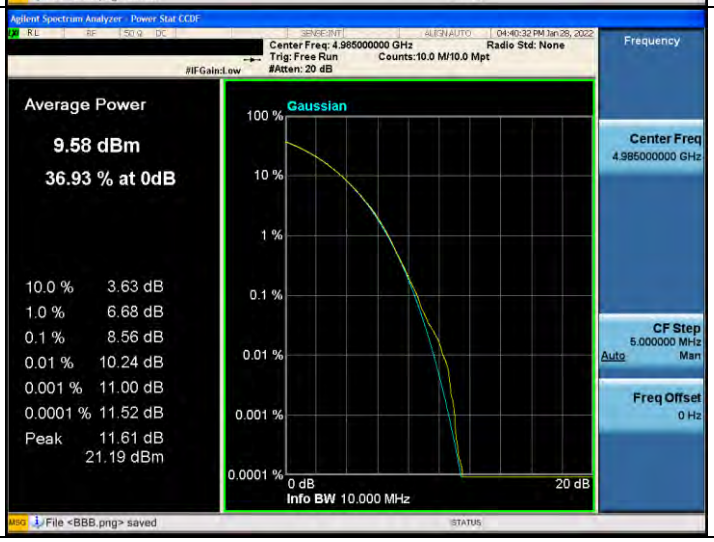
| Mode 3: SISO_20 MHz Continuous TX mode (Legacy) _ANT-1 | | | |
|---|---|---|---|
| 4950 MHz | | | |
| 4965 MHz | | | |
| 4980 MHz | |  | |

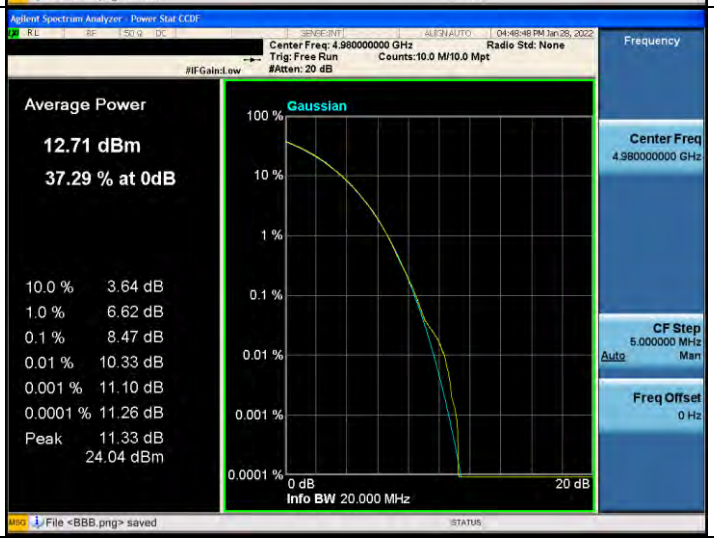
| Mode 4: SISO_5 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4942.5 MHz | |  | |
| 4967.5 MHz | | | |
| 4987.5 MHz | | | |

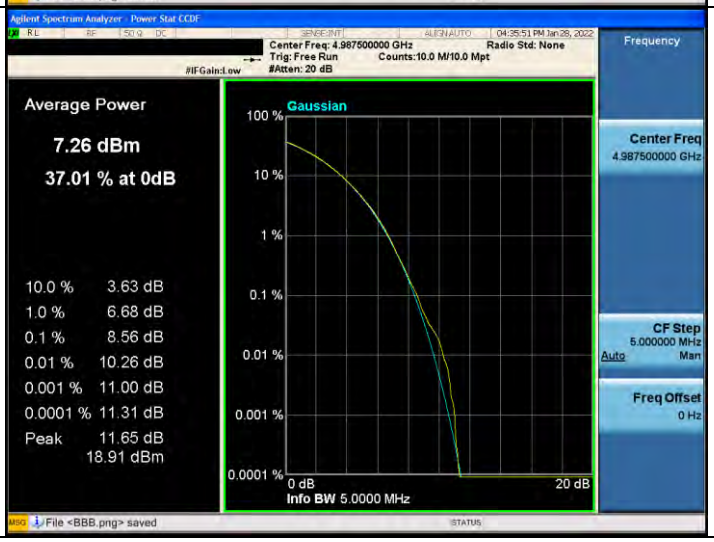
| Mode 5: SISO_10 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4945 MHz | | | |
| 4965 MHz | | | |
| 4985 MHz | |  | |

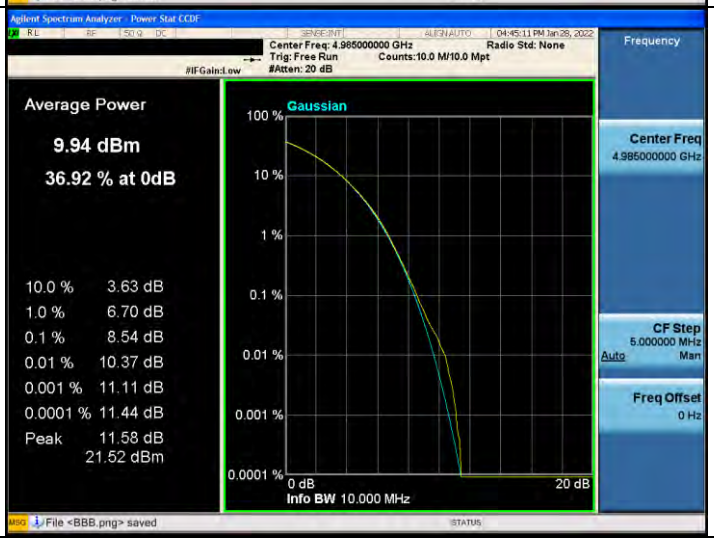
| Mode 6: SISO_20 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4950 MHz | |  | |
| 4965 MHz | | | |
| 4980 MHz | |  | |

| Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-1 | | | |
|---|---|---|---|
| 4942.5 MHz | | | |
| 4967.5 MHz | | | |
| 4987.5 MHz | |  | |

| Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-1 | | | |
|---|---|---|---|
| 4945 MHz | | | |
| 4965 MHz | | | |
| 4985 MHz | |  | |

| Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-1 | | | |
|---|---|---|---|
| 4950 MHz | | | |
| 4965 MHz | | | |
| 4980 MHz | |  | |

| Mode 10: MIMO_5 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4942.5 MHz | | | |
| 4967.5 MHz | | | |
| 4987.5 MHz | |  | |

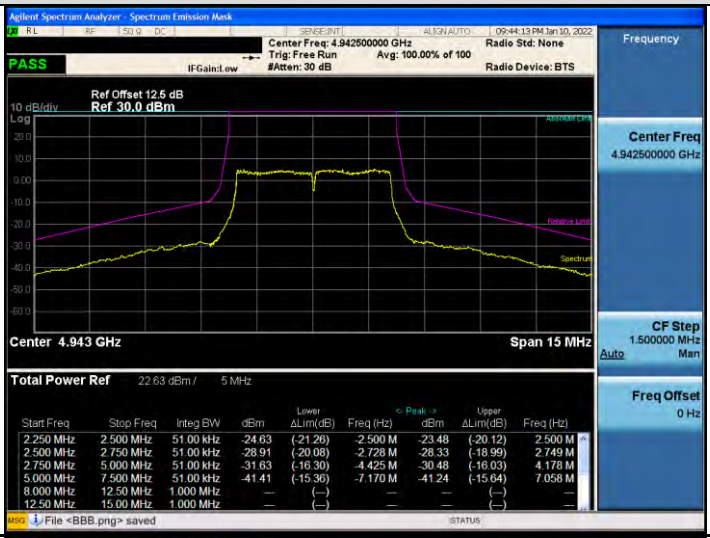
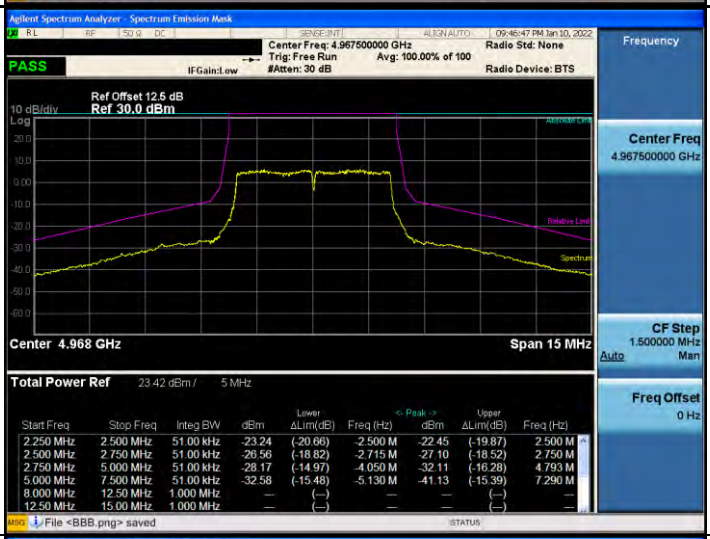
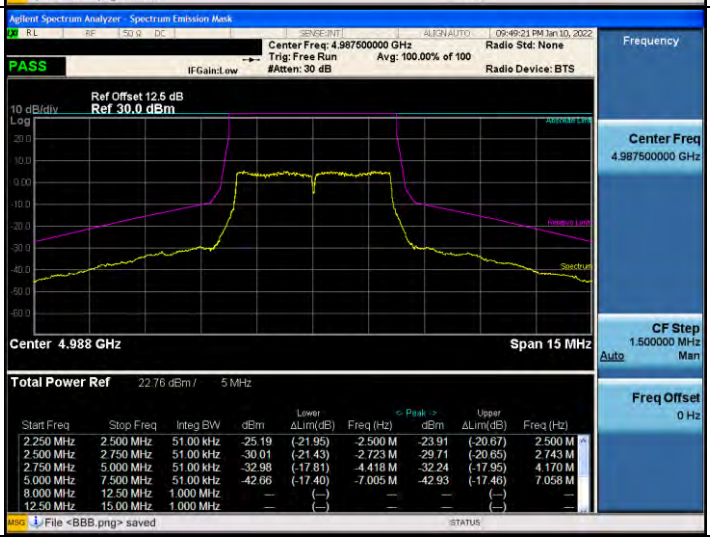
| Mode 11: MIMO_10 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4945 MHz | | | |
| 4965 MHz | | | |
| 4985 MHz | |  | |

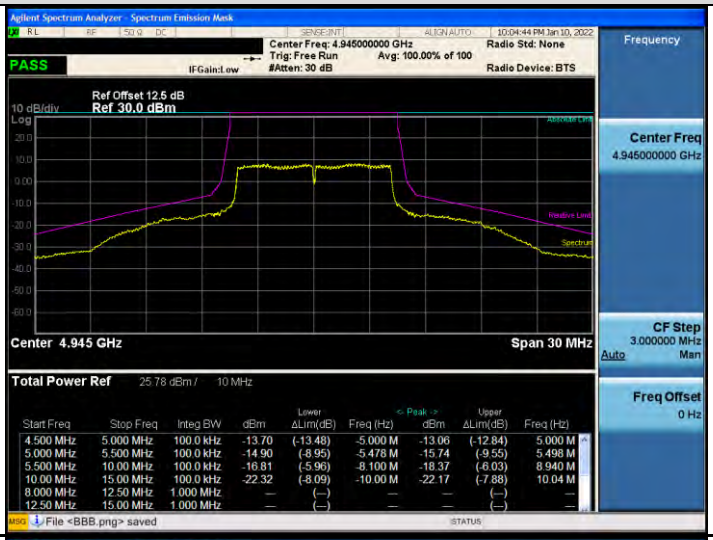
| Mode 12: MIMO_20 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4950 MHz | | | |
| 4965 MHz | | | |
| 4980 MHz | | | |

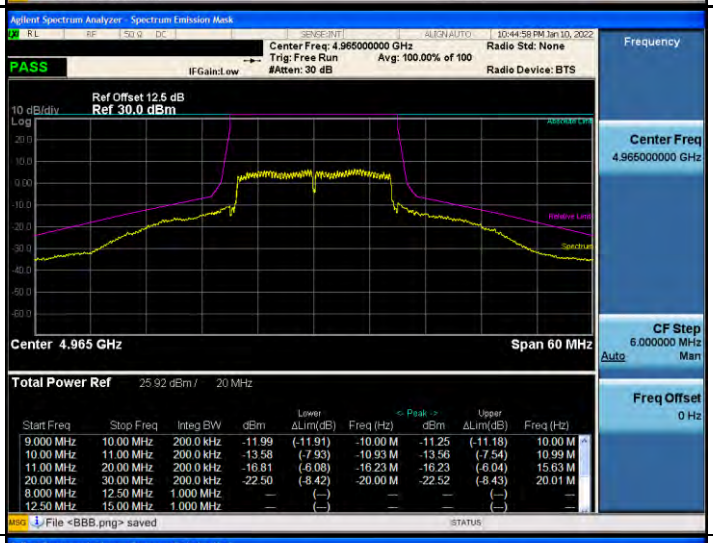
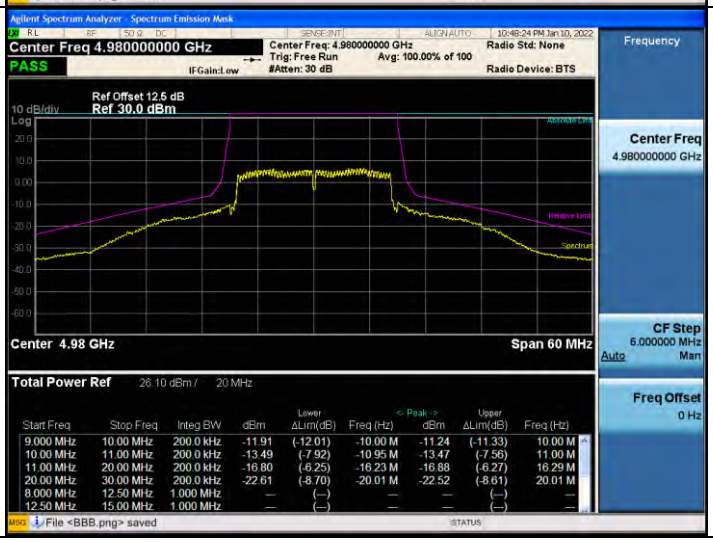
## 3.5. Channel Mask

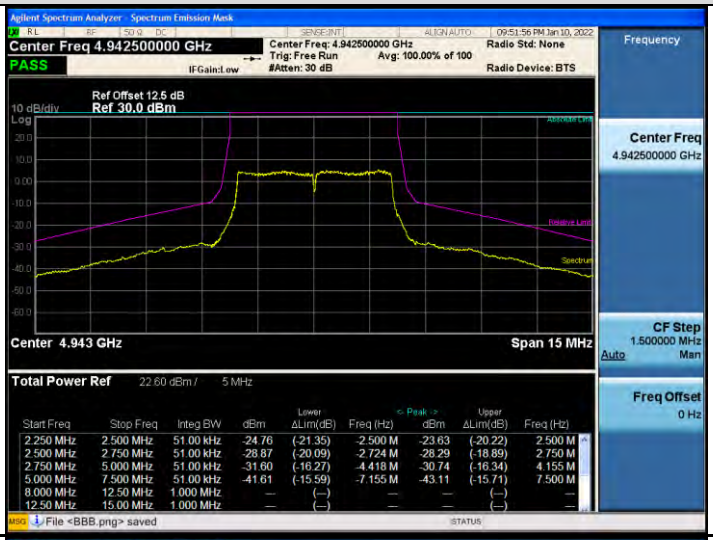
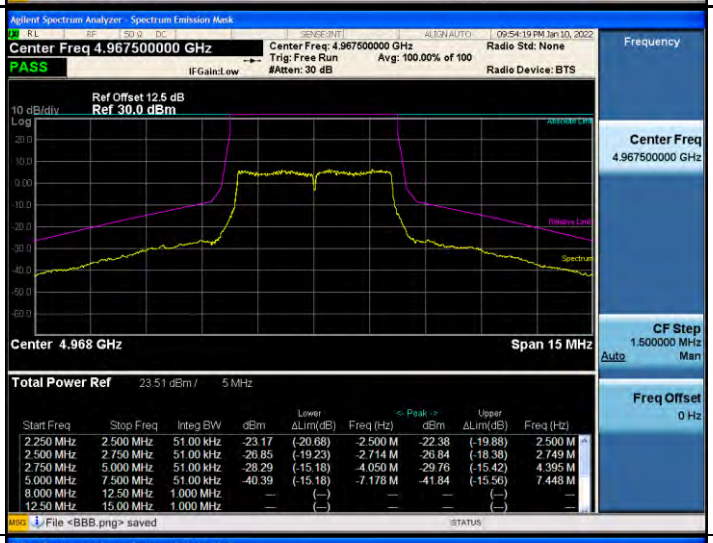
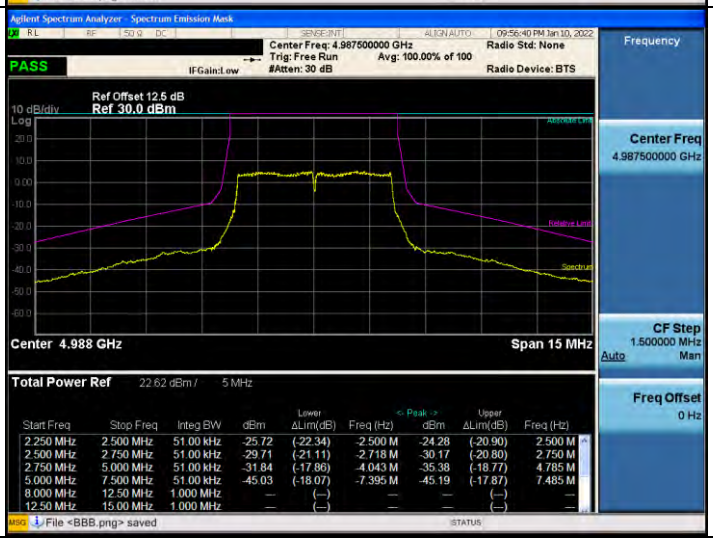
| Omni-directional Antenna |
|---|

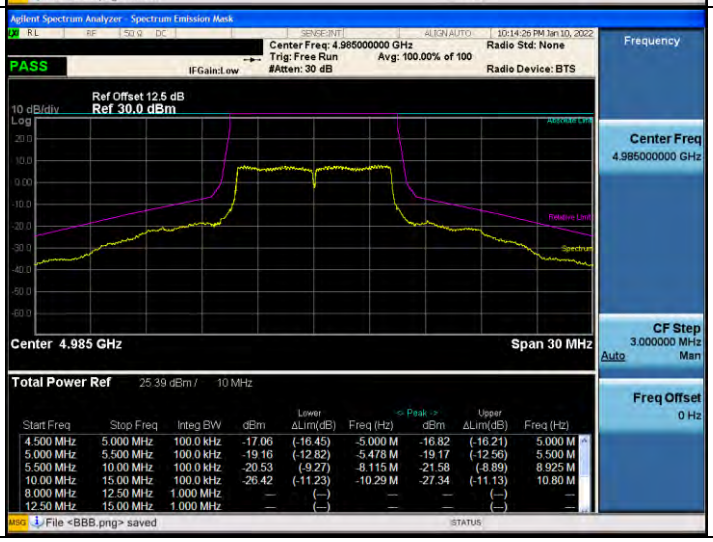
■ **Test Graphs**

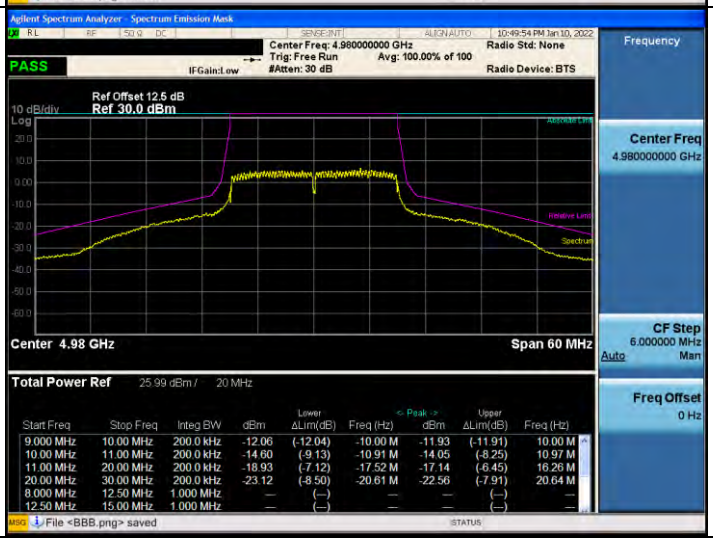
| Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-0 | | | |
|---|---|---|---|
| 4942.5 MHz | |  | |
| 4967.5 MHz | |  | |
| 4987.5 MHz | |  | |

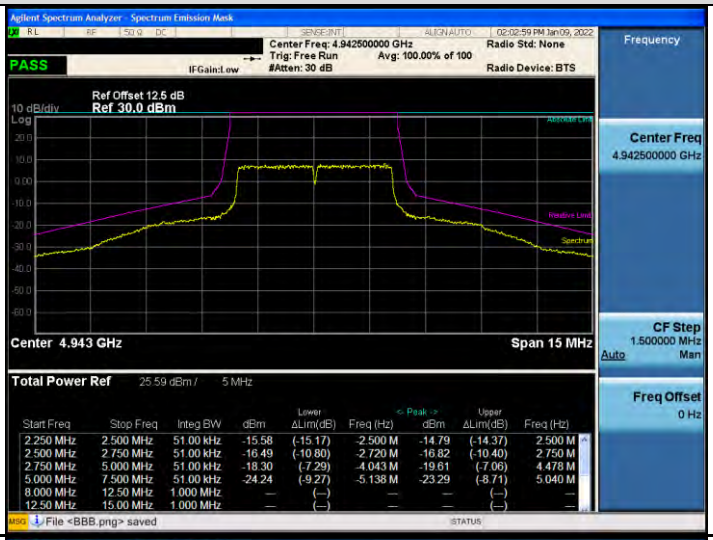
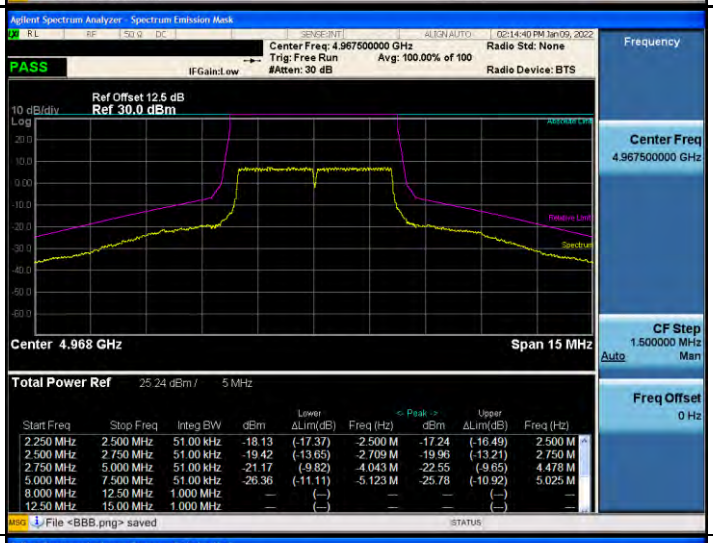
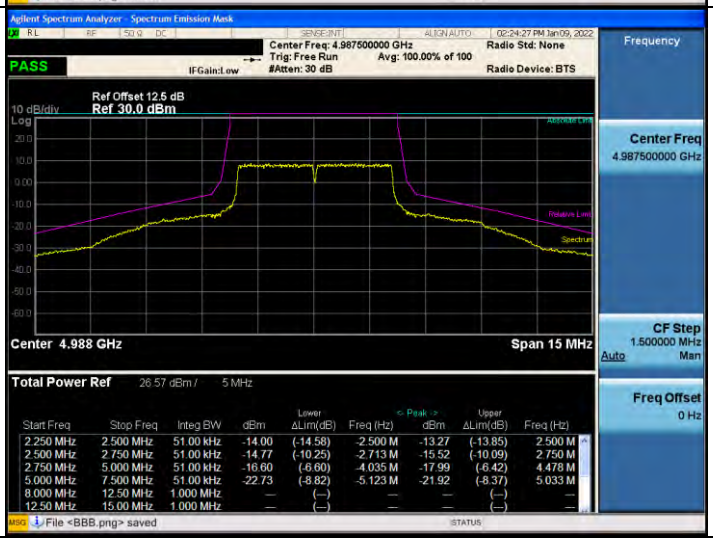
| Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0 | | | |
|---|---|---|---|
| 4945 MHz | |  | |
| 4965 MHz | | | |
| 4985 MHz | | | |

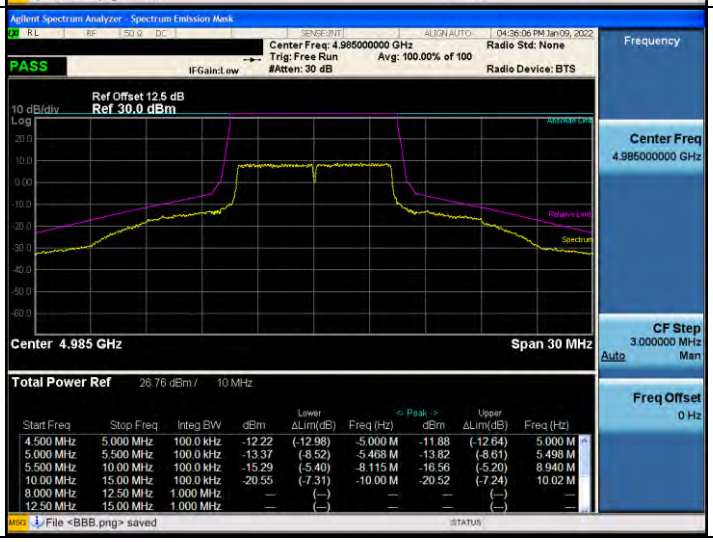
| Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-0 | | |
|---|---|---|
| 4950 MHz | | |
| 4965 MHz | |  |
| 4980 MHz | |  |

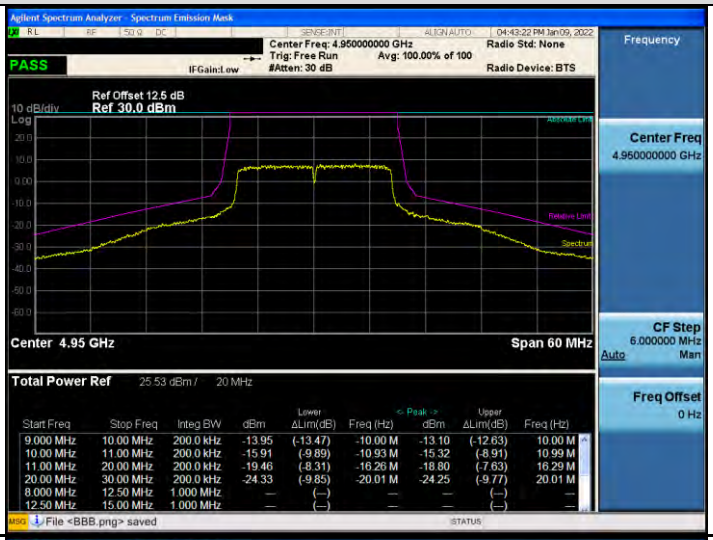
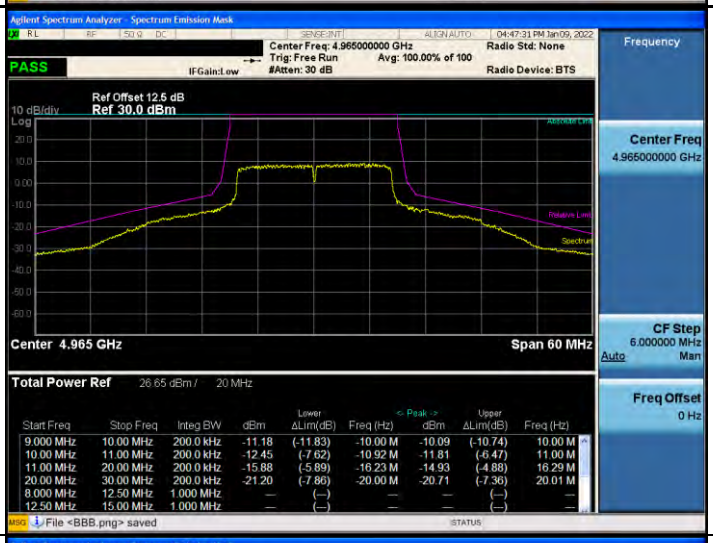
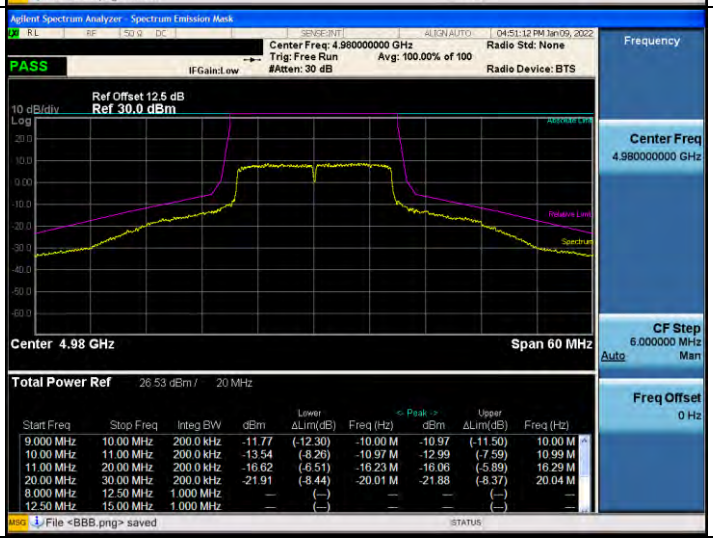
| Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0 | | |
|---|---|---|
| 4942.5 MHz | |  |
| 4967.5 MHz | |  |
| 4987.5 MHz | |  |

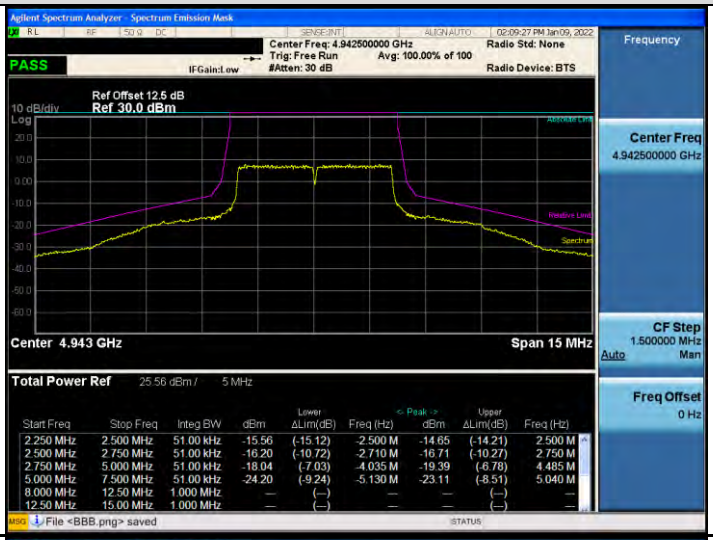
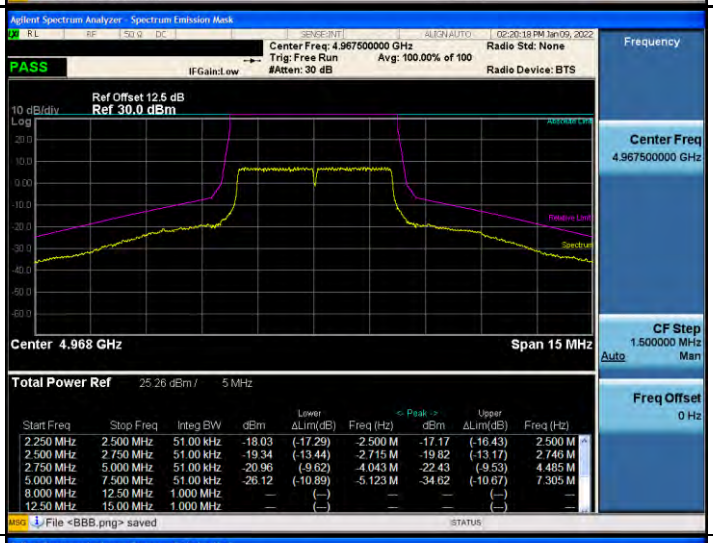
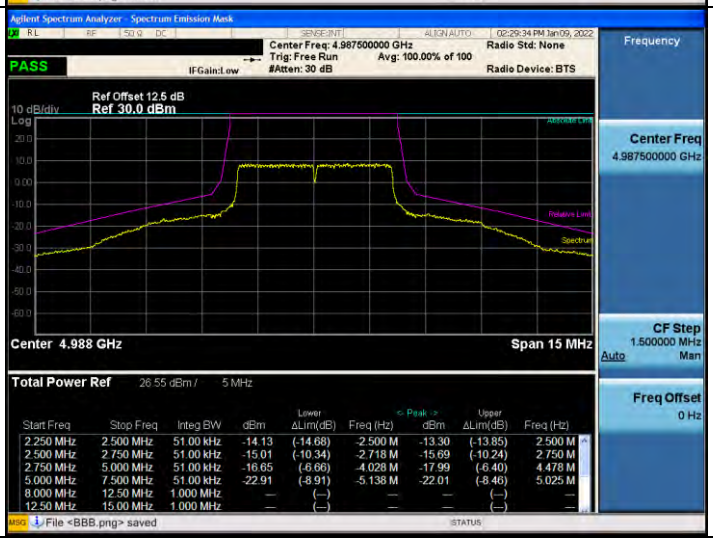
| Mode 11: MIMO_10 MHz Continuous TX mode_ANT-0 | | |
|---|---|---|
| 4945 MHz | | | |
| 4965 MHz | | | |
| 4985 MHz | |  | |

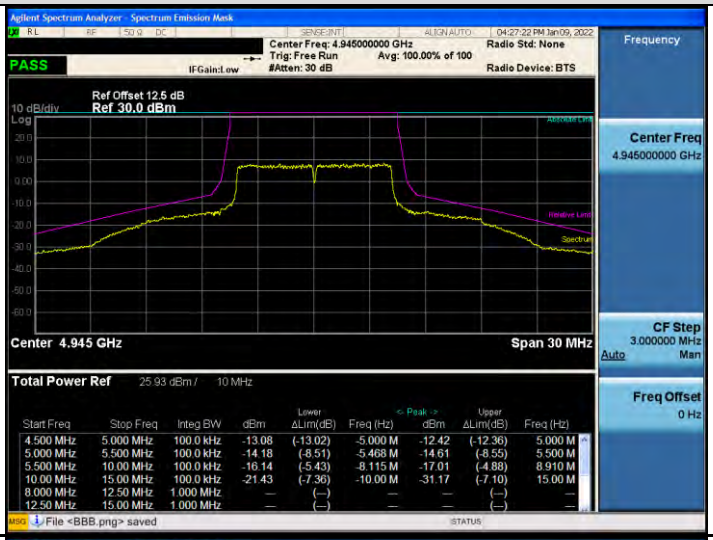
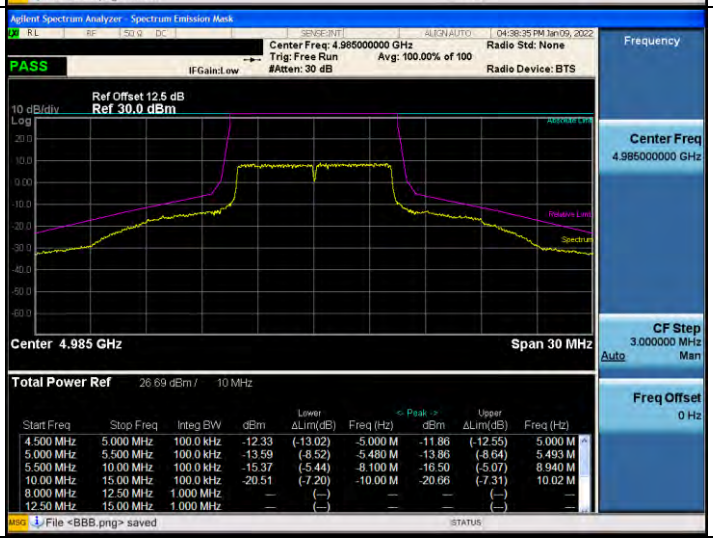
| Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0 | | |
|---|---|---|
| 4950 MHz | | | |
| 4965 MHz | | | |
| 4980 MHz | |  | |

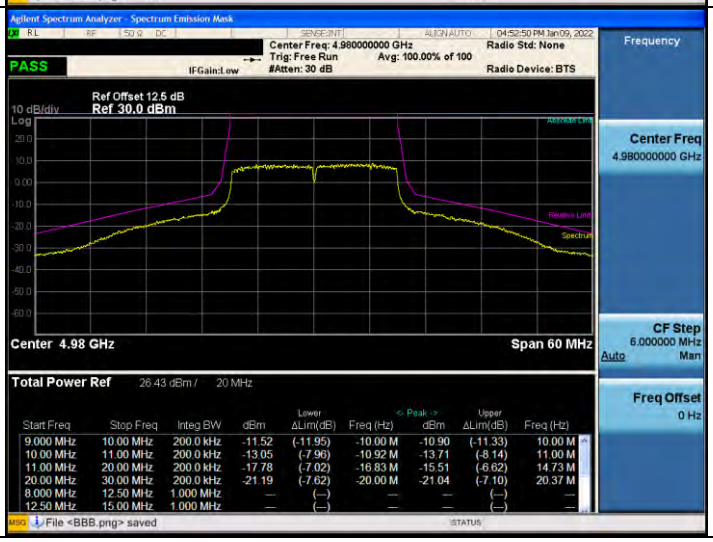
| Mode 1: SISO_5 MHz Continuous TX mode (Legacy) _ANT-1 | | |
|---|---|---|
| 4942.5 MHz | |  | |
| 4967.5 MHz | |  | |
| 4987.5 MHz | |  | |

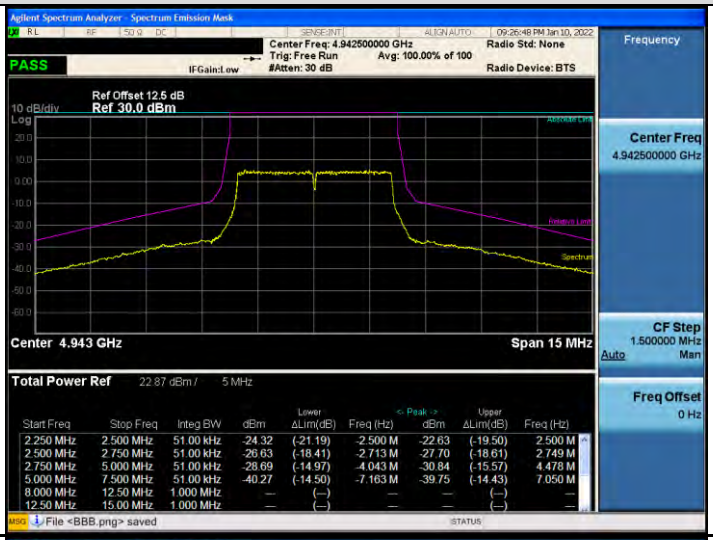
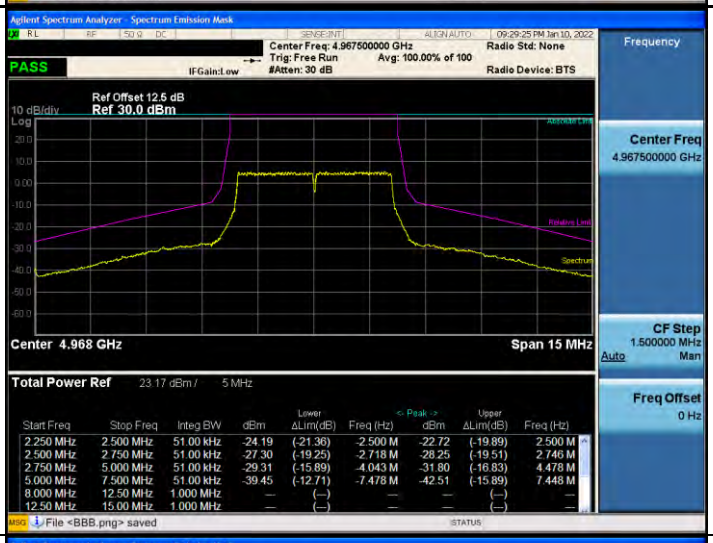
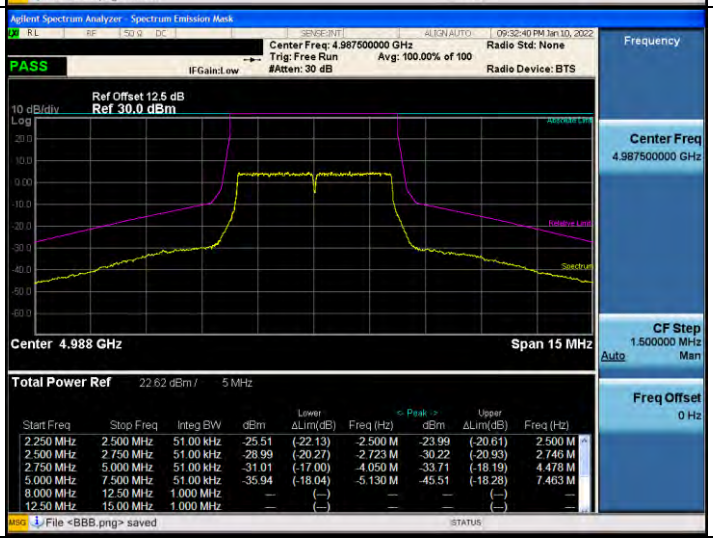
| Mode 2: SISO_10 MHz Continuous TX mode (Legacy) _ANT-1 | | |
|---|---|---|
| 4945 MHz | | |
| 4965 MHz | | |
| 4985 MHz | |  |

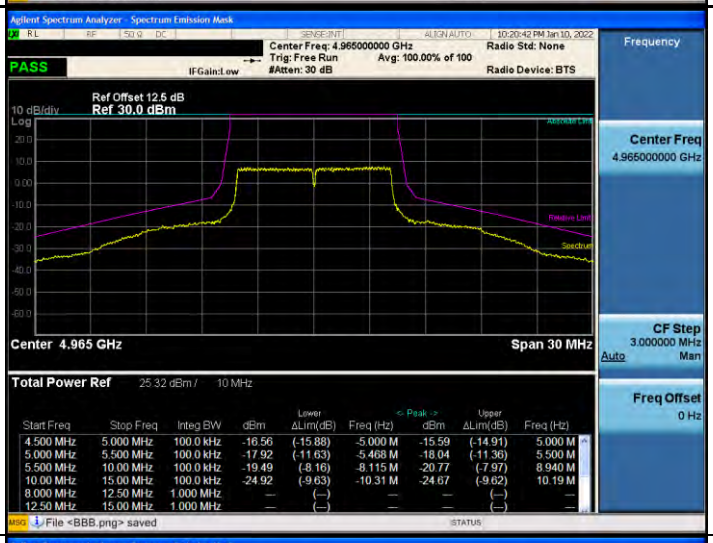
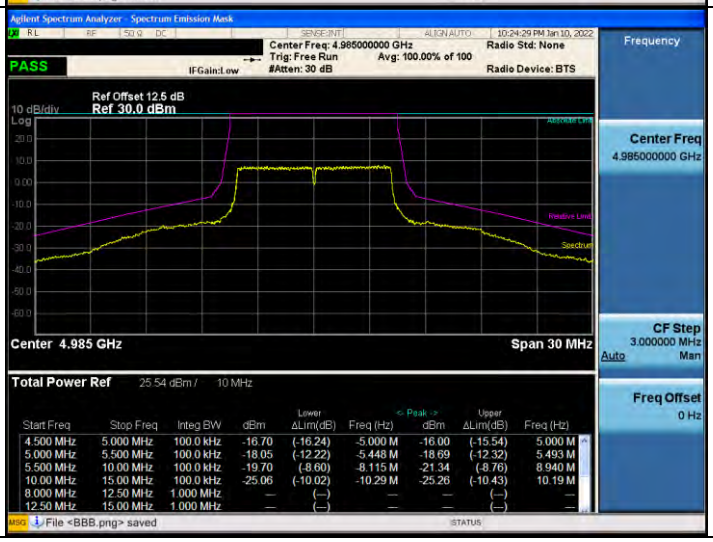
| Mode 3: SISO_20 MHz Continuous TX mode (Legacy) _ANT-1 | | |
|---|---|---|
| 4950 MHz | |  |
| 4965 MHz | |  |
| 4980 MHz | |  |

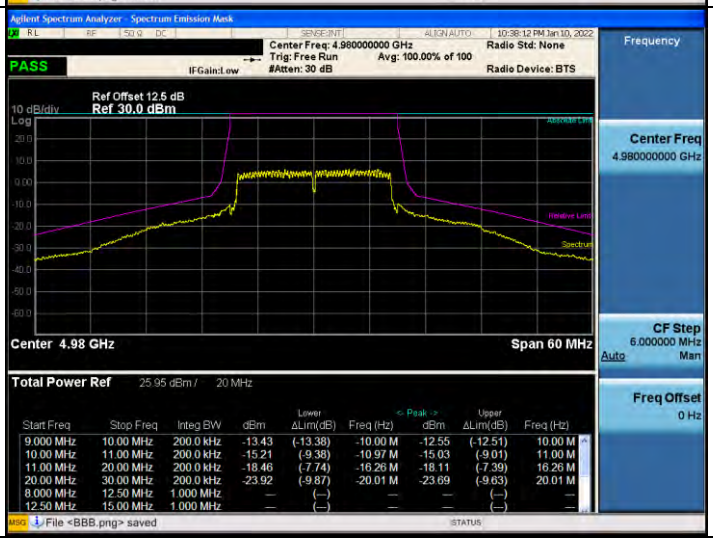
| Mode 4: SISO_5 MHz Continuous TX mode_ANT-1 | | |
|---|---|---|
| 4942.5 MHz | |  |
| 4967.5 MHz | |  |
| 4987.5 MHz | |  |

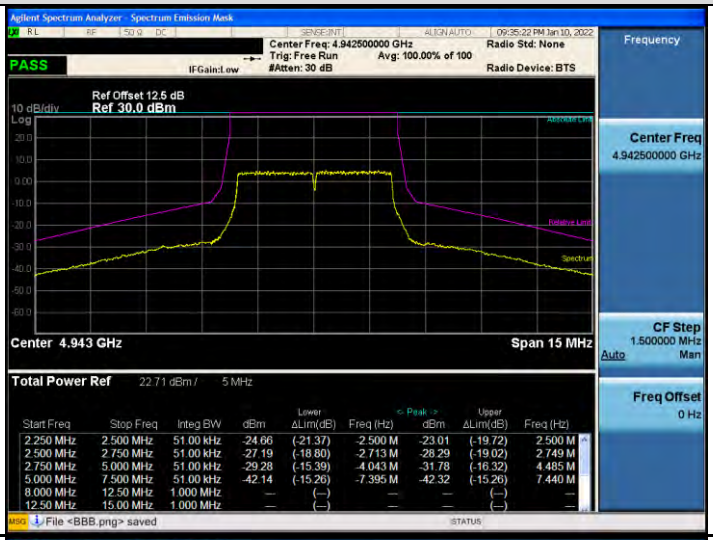
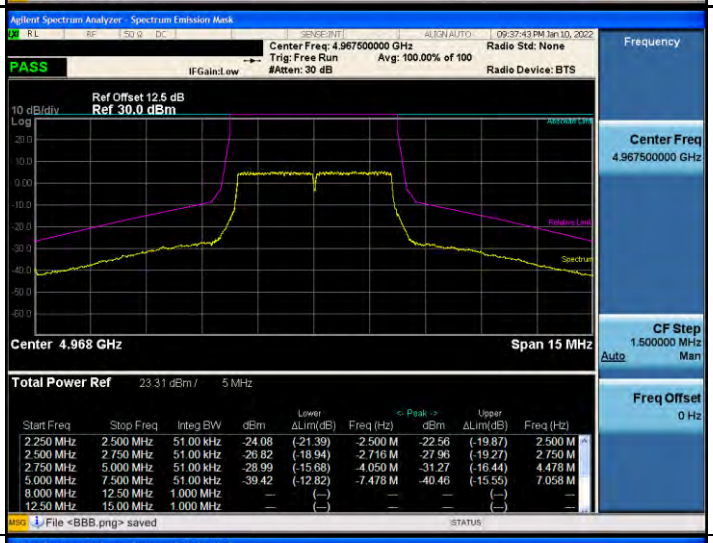
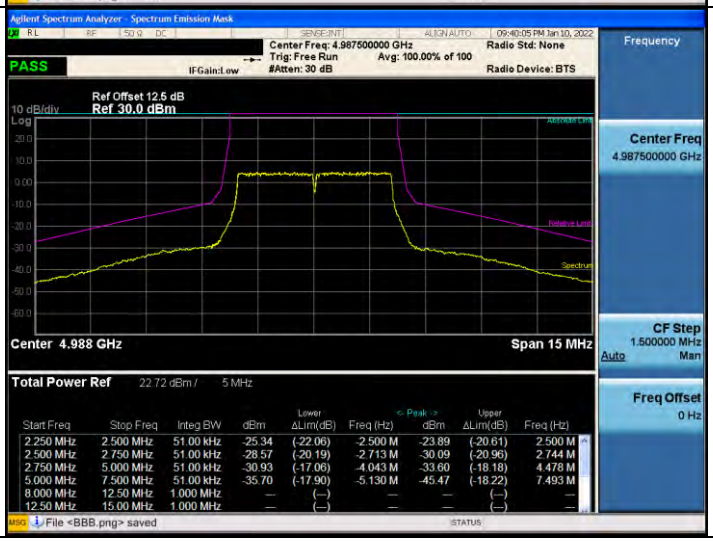
| Mode 5: SISO_10 MHz Continuous TX mode_ANT-1 | | |
|---|---|---|
| 4945 MHz | |  | |
| 4965 MHz | | | |
| 4985 MHz | |  | |

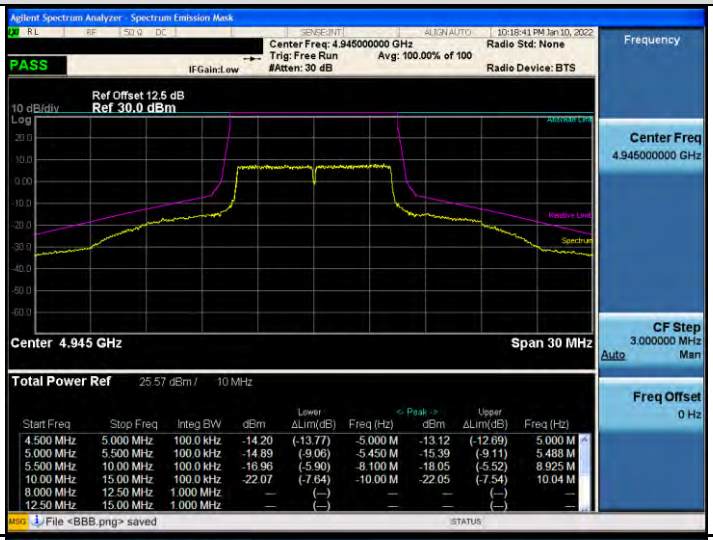
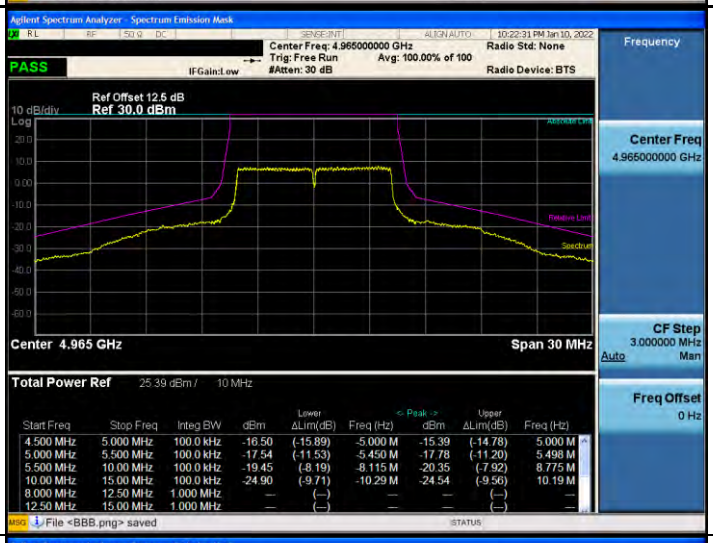
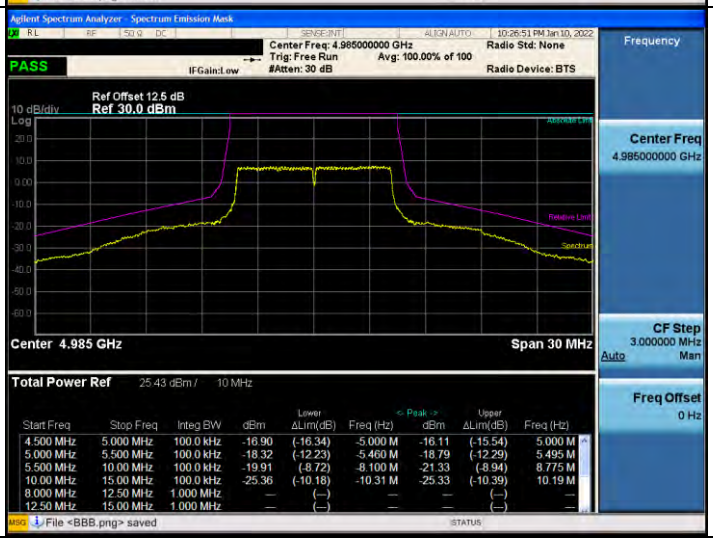
| Mode 6: SISO_20 MHz Continuous TX mode_ANT-1 | | |
|---|---|---|
| 4950 MHz | | |
| 4965 MHz | | |
| 4980 MHz | |  |

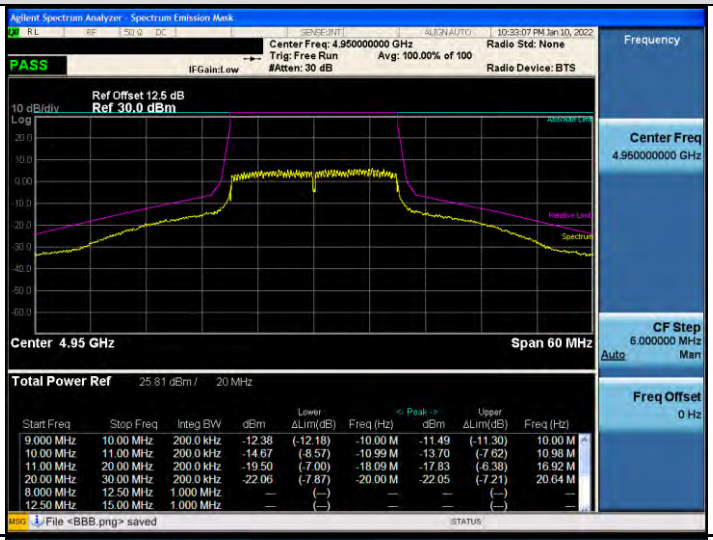
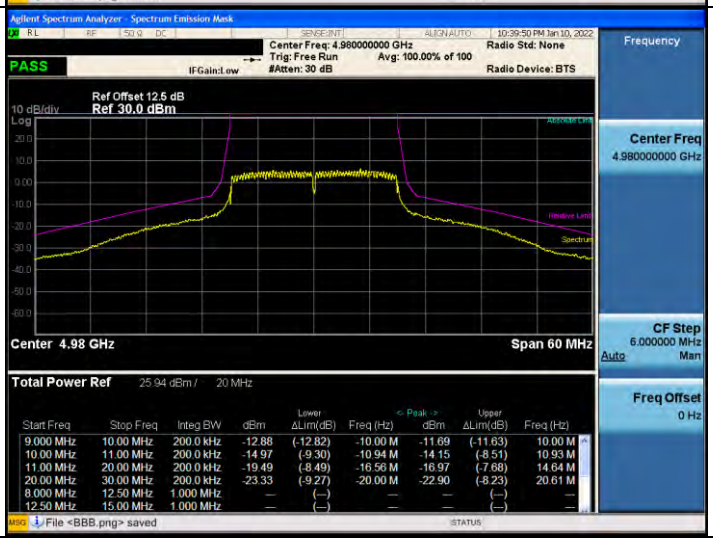
| Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-1 | | |
|---|---|---|
| 4942.5 MHz | |  |
| 4967.5 MHz | |  |
| 4987.5 MHz | |  |

| Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-1 | | |
|---|---|---|
| 4945 MHz | | |
| 4965 MHz | |  |
| 4985 MHz | |  |

| Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-1 | | |
|---|---|---|
| 4950 MHz | | | |
| 4965 MHz | | | |
| 4980 MHz | |  | |

| Mode 10: MIMO_5 MHz Continuous TX mode_ANT-1 | | | |
|---|---|---|---|
| 4942.5 MHz | |  | |
| 4967.5 MHz | |  | |
| 4987.5 MHz | |  | |

| Mode 11: MIMO_10 MHz Continuous TX mode_ANT-1 | | |
|---|---|---|
| 4945 MHz | |  |
| 4965 MHz | |  |
| 4985 MHz | |  |

| Mode 12: MIMO_20 MHz Continuous TX mode_ANT-1 | | |
|---|---|---|
| 4950 MHz | |  | |
| 4965 MHz | | | |
| 4980 MHz | |  | |