

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



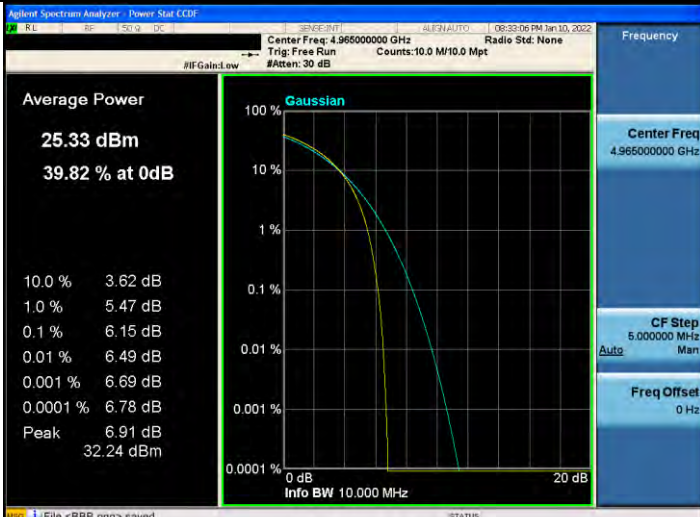
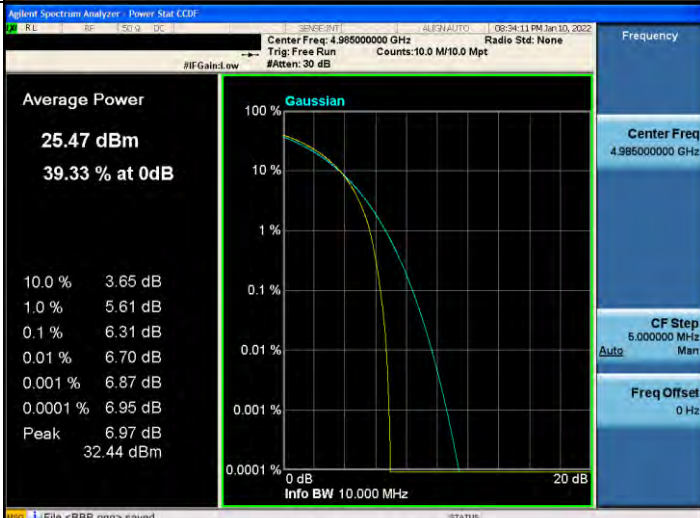
4967.5 MHz



4987.5 MHz



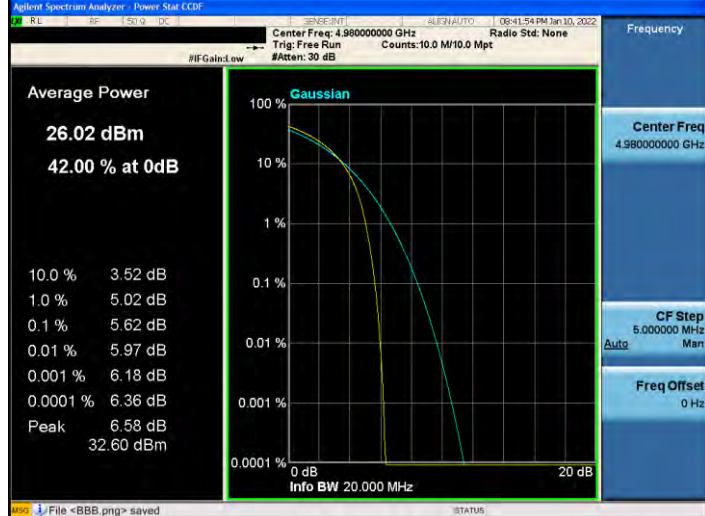
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0

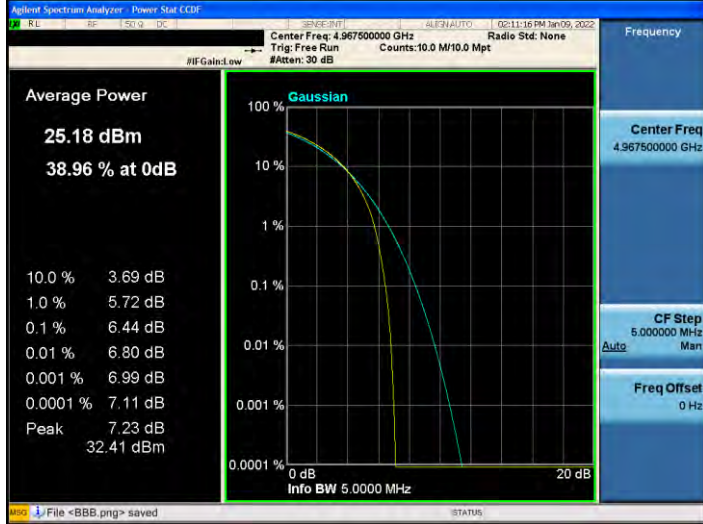
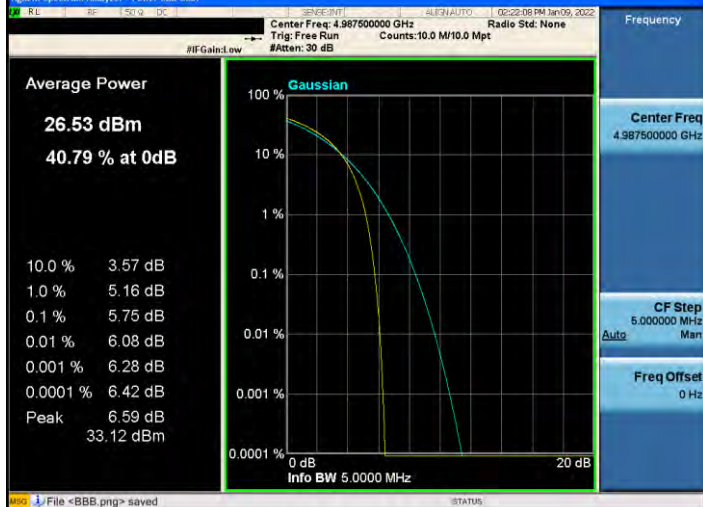
4945 MHz	 Average Power 25.36 dBm 40.68 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.57 dB</td></tr> <tr><td>1.0 %</td><td>5.19 dB</td></tr> <tr><td>0.1 %</td><td>5.79 dB</td></tr> <tr><td>0.01 %</td><td>6.14 dB</td></tr> <tr><td>0.001 %</td><td>6.35 dB</td></tr> <tr><td>0.0001 %</td><td>6.48 dB</td></tr> <tr><td>Peak</td><td>6.64 dB</td></tr> <tr><td></td><td>32.00 dBm</td></tr> </table> Center Freq: 4.94500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None #Atten: 30 dB Frequency Center Freq: 4.94500000 GHz CF Step: 5.000000 MHz Auto Man Freq Offset: 0 Hz Info BW 10.000 MHz	10.0 %	3.57 dB	1.0 %	5.19 dB	0.1 %	5.79 dB	0.01 %	6.14 dB	0.001 %	6.35 dB	0.0001 %	6.48 dB	Peak	6.64 dB		32.00 dBm
10.0 %	3.57 dB																
1.0 %	5.19 dB																
0.1 %	5.79 dB																
0.01 %	6.14 dB																
0.001 %	6.35 dB																
0.0001 %	6.48 dB																
Peak	6.64 dB																
	32.00 dBm																
4965 MHz	 Average Power 25.33 dBm 39.82 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.62 dB</td></tr> <tr><td>1.0 %</td><td>5.47 dB</td></tr> <tr><td>0.1 %</td><td>6.15 dB</td></tr> <tr><td>0.01 %</td><td>6.49 dB</td></tr> <tr><td>0.001 %</td><td>6.69 dB</td></tr> <tr><td>0.0001 %</td><td>6.78 dB</td></tr> <tr><td>Peak</td><td>6.91 dB</td></tr> <tr><td></td><td>32.24 dBm</td></tr> </table> Center Freq: 4.96500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None #Atten: 30 dB Frequency Center Freq: 4.96500000 GHz CF Step: 5.000000 MHz Auto Man Freq Offset: 0 Hz Info BW 10.000 MHz	10.0 %	3.62 dB	1.0 %	5.47 dB	0.1 %	6.15 dB	0.01 %	6.49 dB	0.001 %	6.69 dB	0.0001 %	6.78 dB	Peak	6.91 dB		32.24 dBm
10.0 %	3.62 dB																
1.0 %	5.47 dB																
0.1 %	6.15 dB																
0.01 %	6.49 dB																
0.001 %	6.69 dB																
0.0001 %	6.78 dB																
Peak	6.91 dB																
	32.24 dBm																
4985 MHz	 Average Power 25.47 dBm 39.33 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.65 dB</td></tr> <tr><td>1.0 %</td><td>5.61 dB</td></tr> <tr><td>0.1 %</td><td>6.31 dB</td></tr> <tr><td>0.01 %</td><td>6.70 dB</td></tr> <tr><td>0.001 %</td><td>6.87 dB</td></tr> <tr><td>0.0001 %</td><td>6.95 dB</td></tr> <tr><td>Peak</td><td>6.97 dB</td></tr> <tr><td></td><td>32.44 dBm</td></tr> </table> Center Freq: 4.98500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None #Atten: 30 dB Frequency Center Freq: 4.98500000 GHz CF Step: 5.000000 MHz Auto Man Freq Offset: 0 Hz Info BW 10.000 MHz	10.0 %	3.65 dB	1.0 %	5.61 dB	0.1 %	6.31 dB	0.01 %	6.70 dB	0.001 %	6.87 dB	0.0001 %	6.95 dB	Peak	6.97 dB		32.44 dBm
10.0 %	3.65 dB																
1.0 %	5.61 dB																
0.1 %	6.31 dB																
0.01 %	6.70 dB																
0.001 %	6.87 dB																
0.0001 %	6.95 dB																
Peak	6.97 dB																
	32.44 dBm																

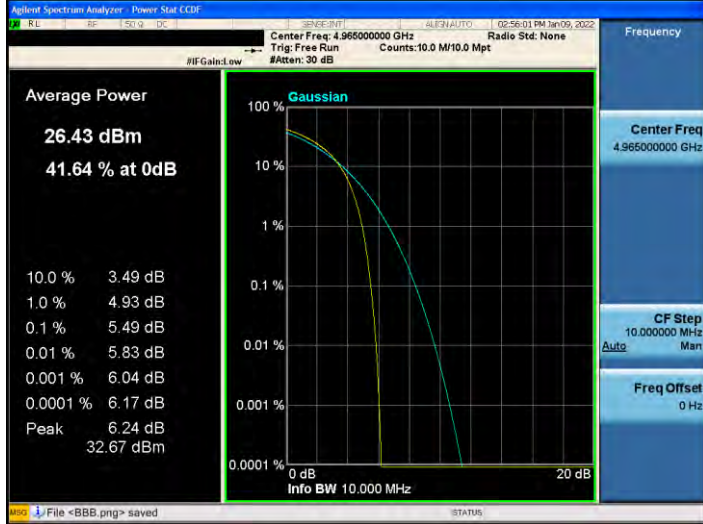
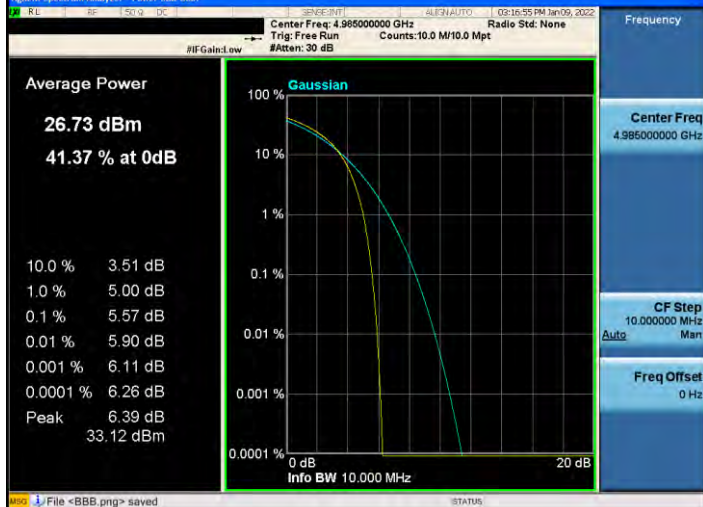
Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-0		
4950 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.950000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.950000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Average Power 24.85 dBm 39.69 % at 0dB 10.0 % 3.65 dB 1.0 % 5.56 dB 0.1 % 6.27 dB 0.01 % 6.64 dB 0.001 % 6.87 dB 0.0001 % 7.00 dB Peak 7.08 dB 31.93 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 20 dB Info BW 20.000 MHz File <BBB.png> saved STATUS	
4965 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.965000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.965000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Average Power 25.90 dBm 41.34 % at 0dB 10.0 % 3.54 dB 1.0 % 5.10 dB 0.1 % 5.69 dB 0.01 % 6.06 dB 0.001 % 6.33 dB 0.0001 % 6.49 dB Peak 6.61 dB 32.51 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 20 dB Info BW 20.000 MHz File <BBB.png> saved STATUS	
4980 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.980000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.980000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Average Power 26.17 dBm 41.79 % at 0dB 10.0 % 3.49 dB 1.0 % 4.95 dB 0.1 % 5.49 dB 0.01 % 5.78 dB 0.001 % 5.95 dB 0.0001 % 6.07 dB Peak 6.12 dB 32.29 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 20 dB Info BW 20.000 MHz File <BBB.png> saved STATUS	

Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0		
4942.5 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.942500000 GHz Trig: Free Run #Atten: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None 06:20:00 PM Jan 10, 2022 Average Power 22.68 dBm 37.54 % at 0dB 10.0 % 3.68 dB 1.0 % 6.30 dB 0.1 % 7.35 dB 0.01 % 7.85 dB 0.001 % 8.14 dB 0.0001 % 8.28 dB Peak 8.44 dB 31.12 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 5.0000 MHz 20 dB Frequency Center Freq 4.942500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz File <BBB.png> saved (STATUS)	
4967.5 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.967500000 GHz Trig: Free Run #Atten: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None 06:20:04 PM Jan 10, 2022 Average Power 23.63 dBm 37.63 % at 0dB 10.0 % 3.69 dB 1.0 % 6.26 dB 0.1 % 7.27 dB 0.01 % 7.76 dB 0.001 % 7.98 dB 0.0001 % 8.11 dB Peak 8.22 dB 31.85 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 5.0000 MHz 20 dB Frequency Center Freq 4.967500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz File <BBB.png> saved (STATUS)	
4987.5 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.987500000 GHz Trig: Free Run #Atten: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None 06:31:18 PM Jan 10, 2022 Average Power 22.58 dBm 37.14 % at 0dB 10.0 % 3.66 dB 1.0 % 6.56 dB 0.1 % 7.96 dB 0.01 % 8.75 dB 0.001 % 9.08 dB 0.0001 % 9.16 dB Peak 9.21 dB 31.79 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 5.0000 MHz 20 dB Frequency Center Freq 4.987500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz File <BBB.png> saved (STATUS)	

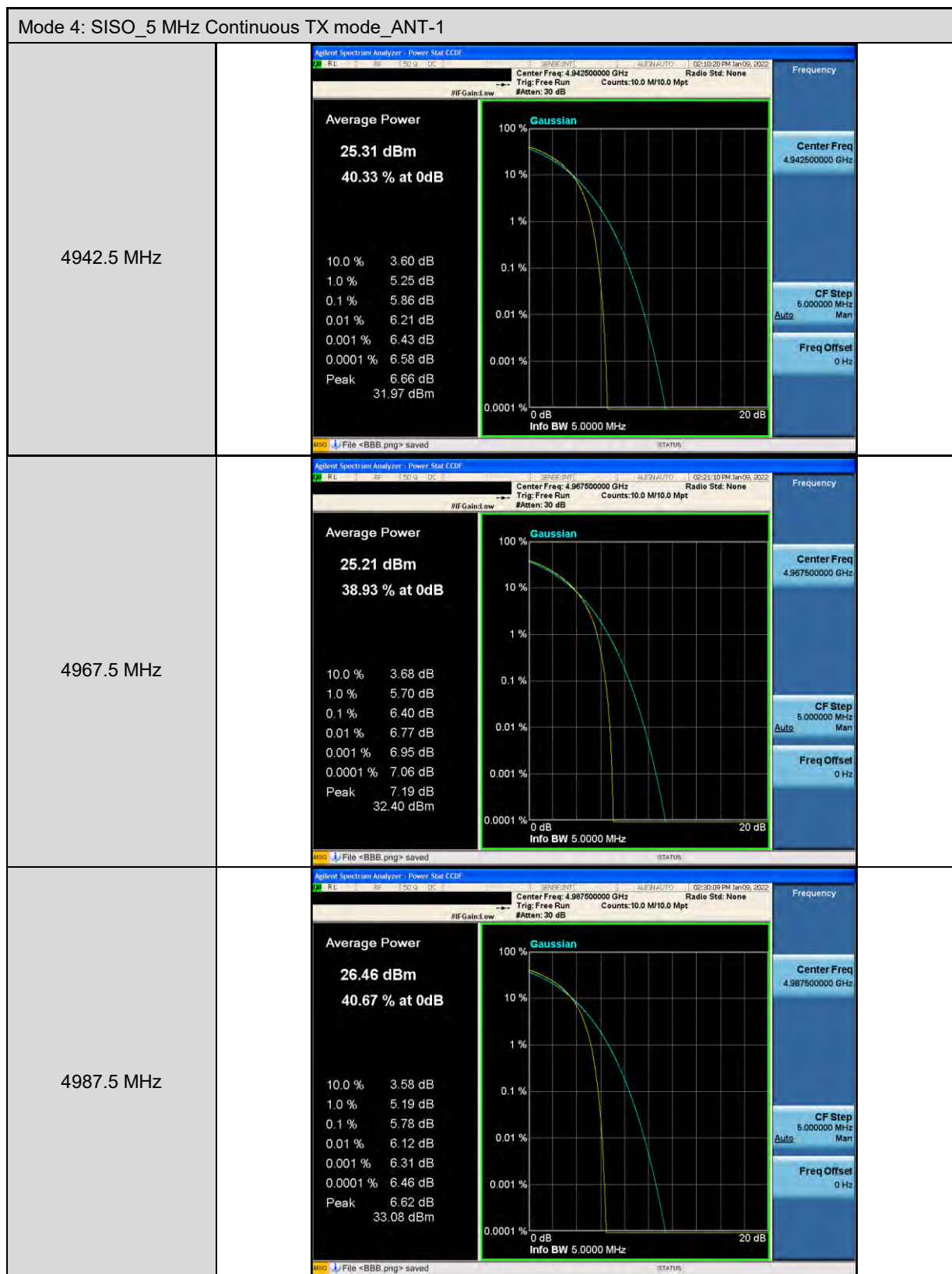
Mode 11: MIMO_10 MHz Continuous TX mode_ANT-0		
4945 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.945000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.945000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Average Power 25.47 dBm 40.93 % at 0dB 10.0 % 3.55 dB 1.0 % 5.13 dB 0.1 % 5.71 dB 0.01 % 6.07 dB 0.001 % 6.28 dB 0.0001 % 6.42 dB Peak 6.51 dB 31.98 dBm Gaussian 0 dB 10.000 MHz 20 dB File <BBB.png> saved STATUS	
4965 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.965000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.965000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Average Power 25.19 dBm 39.43 % at 0dB 10.0 % 3.65 dB 1.0 % 5.57 dB 0.1 % 6.25 dB 0.01 % 6.63 dB 0.001 % 6.82 dB 0.0001 % 6.92 dB Peak 7.02 dB 32.21 dBm Gaussian 0 dB 10.000 MHz 20 dB File <BBB.png> saved STATUS	
4985 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.985000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.985000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Average Power 25.35 dBm 39.11 % at 0dB 10.0 % 3.66 dB 1.0 % 5.67 dB 0.1 % 6.39 dB 0.01 % 6.78 dB 0.001 % 6.96 dB 0.0001 % 7.11 dB Peak 7.26 dB 32.61 dBm Gaussian 0 dB 10.000 MHz 20 dB File <BBB.png> saved STATUS	

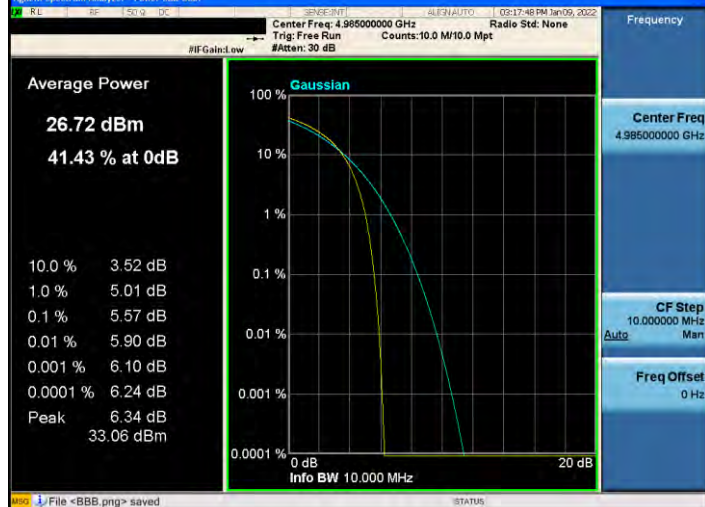
Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

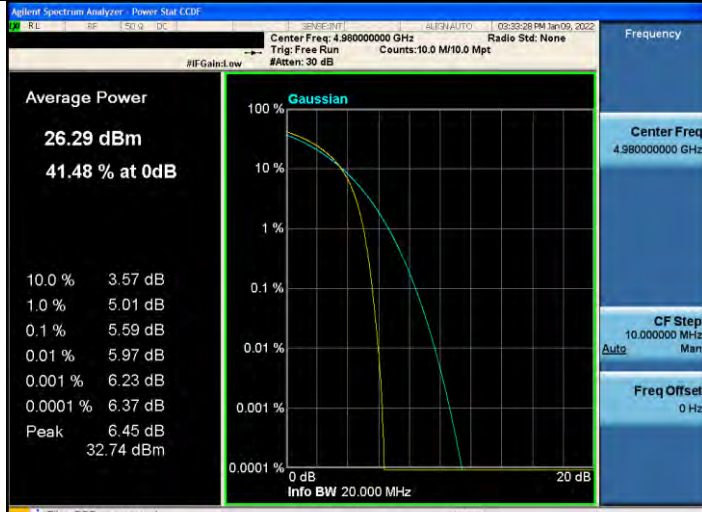
Mode 1: SISO_5 MHz Continuous TX mode (Legacy) _ANT-1																		
4942.5 MHz	 Average Power 25.29 dBm 40.35 % at 0dB <table><tr><td>10.0 %</td><td>3.61 dB</td></tr><tr><td>1.0 %</td><td>5.26 dB</td></tr><tr><td>0.1 %</td><td>5.86 dB</td></tr><tr><td>0.01 %</td><td>6.22 dB</td></tr><tr><td>0.001 %</td><td>6.43 dB</td></tr><tr><td>0.0001 %</td><td>6.57 dB</td></tr><tr><td>Peak</td><td>6.76 dB</td></tr><tr><td></td><td>32.05 dBm</td></tr></table> Center Freq: 4.942500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.942500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 5.0000 MHz	10.0 %	3.61 dB	1.0 %	5.26 dB	0.1 %	5.86 dB	0.01 %	6.22 dB	0.001 %	6.43 dB	0.0001 %	6.57 dB	Peak	6.76 dB		32.05 dBm	
10.0 %	3.61 dB																	
1.0 %	5.26 dB																	
0.1 %	5.86 dB																	
0.01 %	6.22 dB																	
0.001 %	6.43 dB																	
0.0001 %	6.57 dB																	
Peak	6.76 dB																	
	32.05 dBm																	
4967.5 MHz	 Average Power 25.18 dBm 38.96 % at 0dB <table><tr><td>10.0 %</td><td>3.69 dB</td></tr><tr><td>1.0 %</td><td>5.72 dB</td></tr><tr><td>0.1 %</td><td>6.44 dB</td></tr><tr><td>0.01 %</td><td>6.80 dB</td></tr><tr><td>0.001 %</td><td>6.99 dB</td></tr><tr><td>0.0001 %</td><td>7.11 dB</td></tr><tr><td>Peak</td><td>7.23 dB</td></tr><tr><td></td><td>32.41 dBm</td></tr></table> Center Freq: 4.967500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.967500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 5.0000 MHz	10.0 %	3.69 dB	1.0 %	5.72 dB	0.1 %	6.44 dB	0.01 %	6.80 dB	0.001 %	6.99 dB	0.0001 %	7.11 dB	Peak	7.23 dB		32.41 dBm	
10.0 %	3.69 dB																	
1.0 %	5.72 dB																	
0.1 %	6.44 dB																	
0.01 %	6.80 dB																	
0.001 %	6.99 dB																	
0.0001 %	7.11 dB																	
Peak	7.23 dB																	
	32.41 dBm																	
4987.5 MHz	 Average Power 26.53 dBm 40.79 % at 0dB <table><tr><td>10.0 %</td><td>3.57 dB</td></tr><tr><td>1.0 %</td><td>5.16 dB</td></tr><tr><td>0.1 %</td><td>5.75 dB</td></tr><tr><td>0.01 %</td><td>6.08 dB</td></tr><tr><td>0.001 %</td><td>6.28 dB</td></tr><tr><td>0.0001 %</td><td>6.42 dB</td></tr><tr><td>Peak</td><td>6.59 dB</td></tr><tr><td></td><td>33.12 dBm</td></tr></table> Center Freq: 4.987500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.987500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 5.0000 MHz	10.0 %	3.57 dB	1.0 %	5.16 dB	0.1 %	5.75 dB	0.01 %	6.08 dB	0.001 %	6.28 dB	0.0001 %	6.42 dB	Peak	6.59 dB		33.12 dBm	
10.0 %	3.57 dB																	
1.0 %	5.16 dB																	
0.1 %	5.75 dB																	
0.01 %	6.08 dB																	
0.001 %	6.28 dB																	
0.0001 %	6.42 dB																	
Peak	6.59 dB																	
	33.12 dBm																	

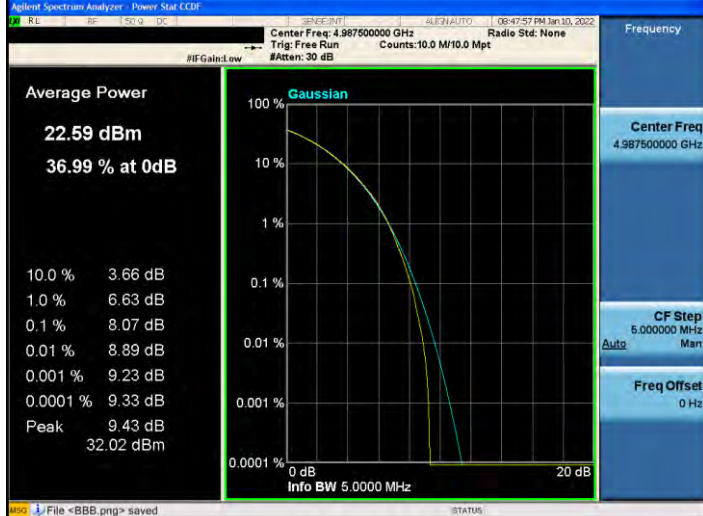
Mode 2: SISO_10 MHz Continuous TX mode (Legacy) _ANT-1																		
4945 MHz	 Average Power 25.47 dBm 40.55 % at 0dB <table><tr><td>10.0 %</td><td>3.59 dB</td></tr><tr><td>1.0 %</td><td>5.21 dB</td></tr><tr><td>0.1 %</td><td>5.81 dB</td></tr><tr><td>0.01 %</td><td>6.19 dB</td></tr><tr><td>0.001 %</td><td>6.43 dB</td></tr><tr><td>0.0001 %</td><td>6.60 dB</td></tr><tr><td>Peak</td><td>6.68 dB</td></tr><tr><td></td><td>32.15 dBm</td></tr></table> Center Freq: 4.94500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq: 4.94500000 GHz CF Step: 5.000000 MHz Auto Man Freq Offset: 0 Hz Info BW 10.000 MHz	10.0 %	3.59 dB	1.0 %	5.21 dB	0.1 %	5.81 dB	0.01 %	6.19 dB	0.001 %	6.43 dB	0.0001 %	6.60 dB	Peak	6.68 dB		32.15 dBm	
10.0 %	3.59 dB																	
1.0 %	5.21 dB																	
0.1 %	5.81 dB																	
0.01 %	6.19 dB																	
0.001 %	6.43 dB																	
0.0001 %	6.60 dB																	
Peak	6.68 dB																	
	32.15 dBm																	
4965 MHz	 Average Power 26.43 dBm 41.64 % at 0dB <table><tr><td>10.0 %</td><td>3.49 dB</td></tr><tr><td>1.0 %</td><td>4.93 dB</td></tr><tr><td>0.1 %</td><td>5.49 dB</td></tr><tr><td>0.01 %</td><td>5.83 dB</td></tr><tr><td>0.001 %</td><td>6.04 dB</td></tr><tr><td>0.0001 %</td><td>6.17 dB</td></tr><tr><td>Peak</td><td>6.24 dB</td></tr><tr><td></td><td>32.67 dBm</td></tr></table> Center Freq: 4.96500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq: 4.96500000 GHz CF Step: 10.000000 MHz Auto Man Freq Offset: 0 Hz Info BW 10.000 MHz	10.0 %	3.49 dB	1.0 %	4.93 dB	0.1 %	5.49 dB	0.01 %	5.83 dB	0.001 %	6.04 dB	0.0001 %	6.17 dB	Peak	6.24 dB		32.67 dBm	
10.0 %	3.49 dB																	
1.0 %	4.93 dB																	
0.1 %	5.49 dB																	
0.01 %	5.83 dB																	
0.001 %	6.04 dB																	
0.0001 %	6.17 dB																	
Peak	6.24 dB																	
	32.67 dBm																	
4985 MHz	 Average Power 26.73 dBm 41.37 % at 0dB <table><tr><td>10.0 %</td><td>3.51 dB</td></tr><tr><td>1.0 %</td><td>5.00 dB</td></tr><tr><td>0.1 %</td><td>5.57 dB</td></tr><tr><td>0.01 %</td><td>5.90 dB</td></tr><tr><td>0.001 %</td><td>6.11 dB</td></tr><tr><td>0.0001 %</td><td>6.26 dB</td></tr><tr><td>Peak</td><td>6.39 dB</td></tr><tr><td></td><td>33.12 dBm</td></tr></table> Center Freq: 4.98500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq: 4.98500000 GHz CF Step: 10.000000 MHz Auto Man Freq Offset: 0 Hz Info BW 10.000 MHz	10.0 %	3.51 dB	1.0 %	5.00 dB	0.1 %	5.57 dB	0.01 %	5.90 dB	0.001 %	6.11 dB	0.0001 %	6.26 dB	Peak	6.39 dB		33.12 dBm	
10.0 %	3.51 dB																	
1.0 %	5.00 dB																	
0.1 %	5.57 dB																	
0.01 %	5.90 dB																	
0.001 %	6.11 dB																	
0.0001 %	6.26 dB																	
Peak	6.39 dB																	
	33.12 dBm																	

Mode 3: SISO_20 MHz Continuous TX mode (Legacy) _ANT-1		
4950 MHz	Agilent Spectrum Analyzer - Power Stat CCDF RL RF SQL DC Center Freq: 4.950000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None Frequency Center Freq 4.950000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz Average Power 25.37 dBm 40.17 % at 0dB 10.0 % 3.63 dB 1.0 % 5.36 dB 0.1 % 5.98 dB 0.01 % 6.32 dB 0.001 % 6.55 dB 0.0001 % 6.68 dB Peak 6.72 dB 32.09 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 20 dB Info BW 20.000 MHz File <BBB.png> saved STATUS	
4965 MHz	Agilent Spectrum Analyzer - Power Stat CCDF RL RF SQL DC Center Freq: 4.965000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None Frequency Center Freq 4.965000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz Average Power 26.51 dBm 42.47 % at 0dB 10.0 % 3.43 dB 1.0 % 4.78 dB 0.1 % 5.31 dB 0.01 % 5.61 dB 0.001 % 5.81 dB 0.0001 % 6.02 dB Peak 6.07 dB 32.58 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 20 dB Info BW 20.000 MHz File <BBB.png> saved STATUS	
4980 MHz	Agilent Spectrum Analyzer - Power Stat CCDF RL RF SQL DC Center Freq: 4.980000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None Frequency Center Freq 4.980000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz Average Power 26.35 dBm 41.51 % at 0dB 10.0 % 3.54 dB 1.0 % 5.00 dB 0.1 % 5.55 dB 0.01 % 5.85 dB 0.001 % 6.01 dB 0.0001 % 6.10 dB Peak 6.19 dB 32.54 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 20 dB Info BW 20.000 MHz File <BBB.png> saved STATUS	

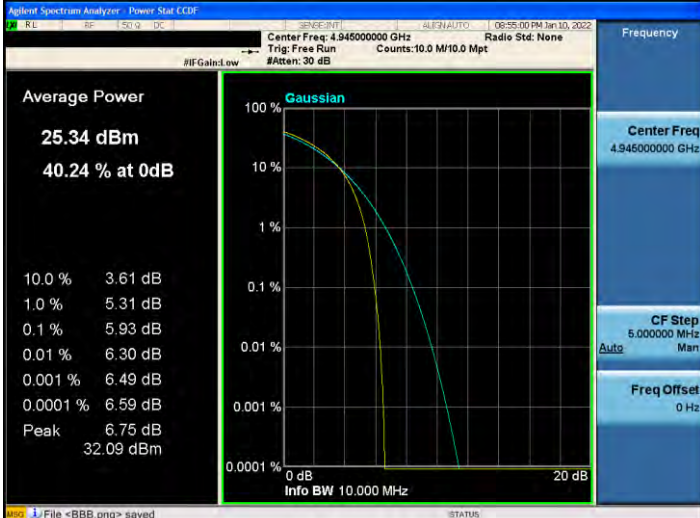
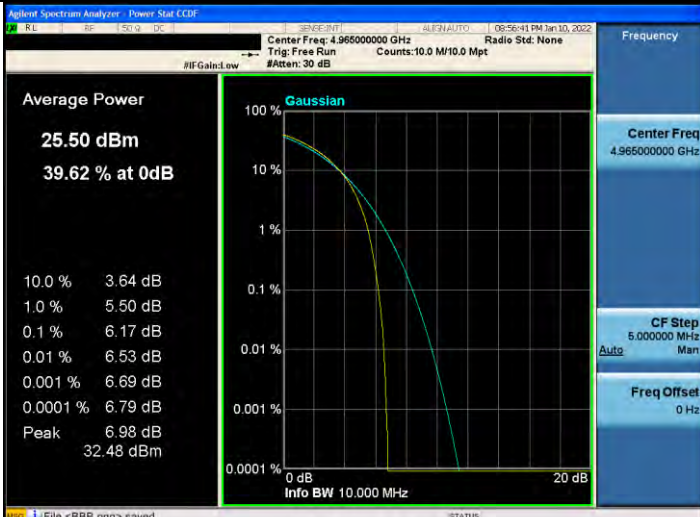


Mode 5: SISO_10 MHz Continuous TX mode_ANT-1																		
4945 MHz	 Average Power 25.42 dBm 40.47 % at 0dB <table><tr><td>10.0 %</td><td>3.60 dB</td></tr><tr><td>1.0 %</td><td>5.23 dB</td></tr><tr><td>0.1 %</td><td>5.84 dB</td></tr><tr><td>0.01 %</td><td>6.23 dB</td></tr><tr><td>0.001 %</td><td>6.53 dB</td></tr><tr><td>0.0001 %</td><td>6.69 dB</td></tr><tr><td>Peak</td><td>6.76 dB</td></tr><tr><td></td><td>32.18 dBm</td></tr></table> Center Freq: 4.945000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.945000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz Info BW 10.000 MHz	10.0 %	3.60 dB	1.0 %	5.23 dB	0.1 %	5.84 dB	0.01 %	6.23 dB	0.001 %	6.53 dB	0.0001 %	6.69 dB	Peak	6.76 dB		32.18 dBm	
10.0 %	3.60 dB																	
1.0 %	5.23 dB																	
0.1 %	5.84 dB																	
0.01 %	6.23 dB																	
0.001 %	6.53 dB																	
0.0001 %	6.69 dB																	
Peak	6.76 dB																	
	32.18 dBm																	
4965 MHz	 Average Power 26.44 dBm 41.74 % at 0dB <table><tr><td>10.0 %</td><td>3.47 dB</td></tr><tr><td>1.0 %</td><td>4.90 dB</td></tr><tr><td>0.1 %</td><td>5.46 dB</td></tr><tr><td>0.01 %</td><td>5.79 dB</td></tr><tr><td>0.001 %</td><td>5.98 dB</td></tr><tr><td>0.0001 %</td><td>6.13 dB</td></tr><tr><td>Peak</td><td>6.17 dB</td></tr><tr><td></td><td>32.61 dBm</td></tr></table> Center Freq: 4.965000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.965000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz Info BW 10.000 MHz	10.0 %	3.47 dB	1.0 %	4.90 dB	0.1 %	5.46 dB	0.01 %	5.79 dB	0.001 %	5.98 dB	0.0001 %	6.13 dB	Peak	6.17 dB		32.61 dBm	
10.0 %	3.47 dB																	
1.0 %	4.90 dB																	
0.1 %	5.46 dB																	
0.01 %	5.79 dB																	
0.001 %	5.98 dB																	
0.0001 %	6.13 dB																	
Peak	6.17 dB																	
	32.61 dBm																	
4985 MHz	 Average Power 26.72 dBm 41.43 % at 0dB <table><tr><td>10.0 %</td><td>3.52 dB</td></tr><tr><td>1.0 %</td><td>5.01 dB</td></tr><tr><td>0.1 %</td><td>5.57 dB</td></tr><tr><td>0.01 %</td><td>5.90 dB</td></tr><tr><td>0.001 %</td><td>6.10 dB</td></tr><tr><td>0.0001 %</td><td>6.24 dB</td></tr><tr><td>Peak</td><td>6.34 dB</td></tr><tr><td></td><td>33.06 dBm</td></tr></table> Center Freq: 4.985000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.985000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz Info BW 10.000 MHz	10.0 %	3.52 dB	1.0 %	5.01 dB	0.1 %	5.57 dB	0.01 %	5.90 dB	0.001 %	6.10 dB	0.0001 %	6.24 dB	Peak	6.34 dB		33.06 dBm	
10.0 %	3.52 dB																	
1.0 %	5.01 dB																	
0.1 %	5.57 dB																	
0.01 %	5.90 dB																	
0.001 %	6.10 dB																	
0.0001 %	6.24 dB																	
Peak	6.34 dB																	
	33.06 dBm																	

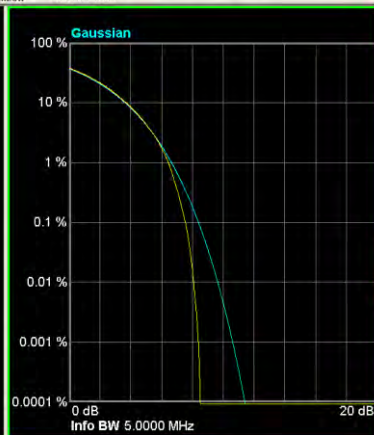
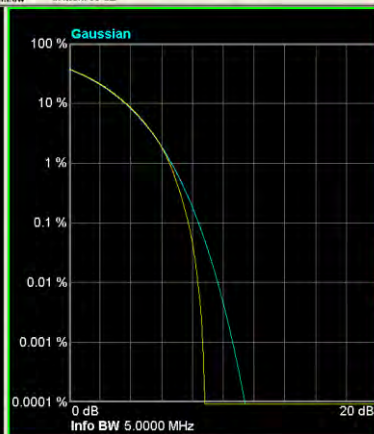
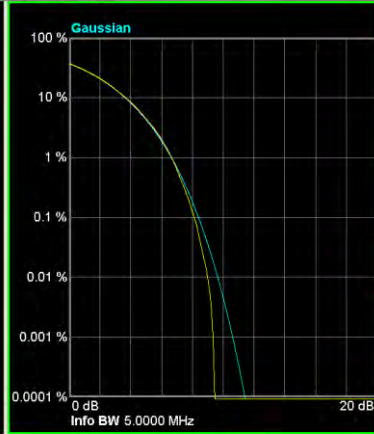
Mode 6: SISO_20 MHz Continuous TX mode_ANT-1																		
4950 MHz	 Average Power 26.20 dBm 42.04 % at 0dB <table><tr><td>10.0 %</td><td>3.52 dB</td></tr><tr><td>1.0 %</td><td>4.90 dB</td></tr><tr><td>0.1 %</td><td>5.51 dB</td></tr><tr><td>0.01 %</td><td>5.92 dB</td></tr><tr><td>0.001 %</td><td>6.20 dB</td></tr><tr><td>0.0001 %</td><td>6.38 dB</td></tr><tr><td>Peak</td><td>6.63 dB</td></tr><tr><td></td><td>32.83 dBm</td></tr></table> Center Freq: 4.95000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq: 4.95000000 GHz CF Step: 10.000000 MHz Auto Man Freq Offset: 0 Hz	10.0 %	3.52 dB	1.0 %	4.90 dB	0.1 %	5.51 dB	0.01 %	5.92 dB	0.001 %	6.20 dB	0.0001 %	6.38 dB	Peak	6.63 dB		32.83 dBm	
10.0 %	3.52 dB																	
1.0 %	4.90 dB																	
0.1 %	5.51 dB																	
0.01 %	5.92 dB																	
0.001 %	6.20 dB																	
0.0001 %	6.38 dB																	
Peak	6.63 dB																	
	32.83 dBm																	
4965 MHz	 Average Power 26.46 dBm 42.33 % at 0dB <table><tr><td>10.0 %</td><td>3.48 dB</td></tr><tr><td>1.0 %</td><td>4.83 dB</td></tr><tr><td>0.1 %</td><td>5.41 dB</td></tr><tr><td>0.01 %</td><td>5.80 dB</td></tr><tr><td>0.001 %</td><td>6.08 dB</td></tr><tr><td>0.0001 %</td><td>6.32 dB</td></tr><tr><td>Peak</td><td>6.51 dB</td></tr><tr><td></td><td>32.97 dBm</td></tr></table> Center Freq: 4.96500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq: 4.96500000 GHz CF Step: 10.000000 MHz Auto Man Freq Offset: 0 Hz	10.0 %	3.48 dB	1.0 %	4.83 dB	0.1 %	5.41 dB	0.01 %	5.80 dB	0.001 %	6.08 dB	0.0001 %	6.32 dB	Peak	6.51 dB		32.97 dBm	
10.0 %	3.48 dB																	
1.0 %	4.83 dB																	
0.1 %	5.41 dB																	
0.01 %	5.80 dB																	
0.001 %	6.08 dB																	
0.0001 %	6.32 dB																	
Peak	6.51 dB																	
	32.97 dBm																	
4980 MHz	 Average Power 26.29 dBm 41.48 % at 0dB <table><tr><td>10.0 %</td><td>3.57 dB</td></tr><tr><td>1.0 %</td><td>5.01 dB</td></tr><tr><td>0.1 %</td><td>5.59 dB</td></tr><tr><td>0.01 %</td><td>5.97 dB</td></tr><tr><td>0.001 %</td><td>6.23 dB</td></tr><tr><td>0.0001 %</td><td>6.37 dB</td></tr><tr><td>Peak</td><td>6.45 dB</td></tr><tr><td></td><td>32.74 dBm</td></tr></table> Center Freq: 4.98000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq: 4.98000000 GHz CF Step: 10.000000 MHz Auto Man Freq Offset: 0 Hz	10.0 %	3.57 dB	1.0 %	5.01 dB	0.1 %	5.59 dB	0.01 %	5.97 dB	0.001 %	6.23 dB	0.0001 %	6.37 dB	Peak	6.45 dB		32.74 dBm	
10.0 %	3.57 dB																	
1.0 %	5.01 dB																	
0.1 %	5.59 dB																	
0.01 %	5.97 dB																	
0.001 %	6.23 dB																	
0.0001 %	6.37 dB																	
Peak	6.45 dB																	
	32.74 dBm																	

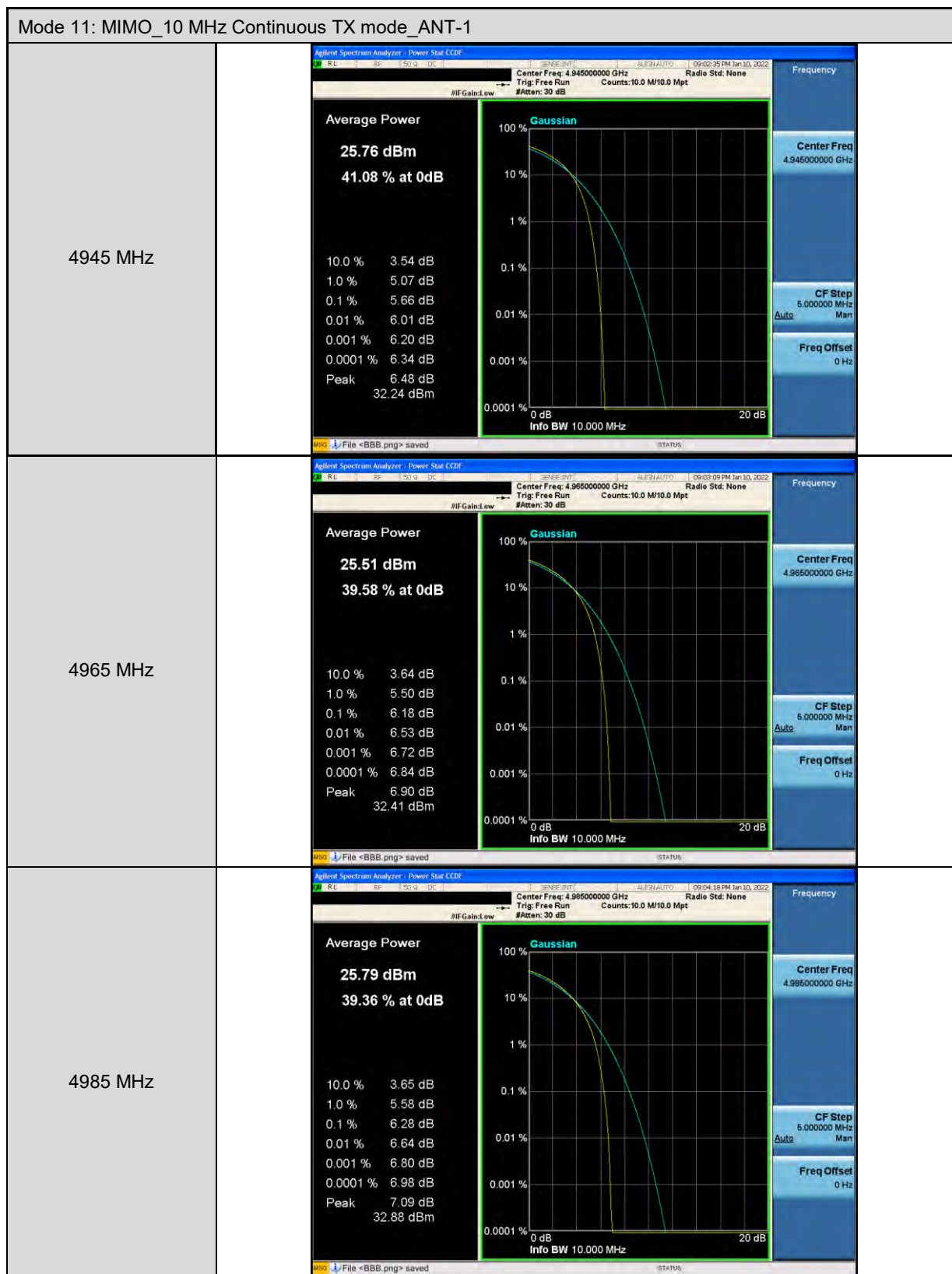
Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-1		
4942.5 MHz		
4967.5 MHz		
4987.5 MHz		

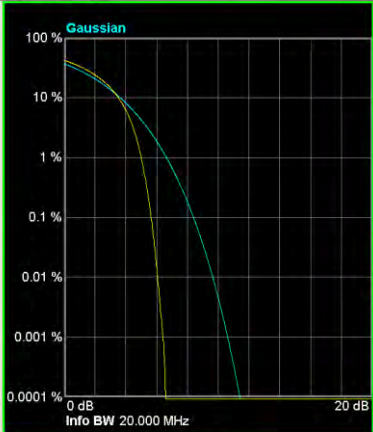
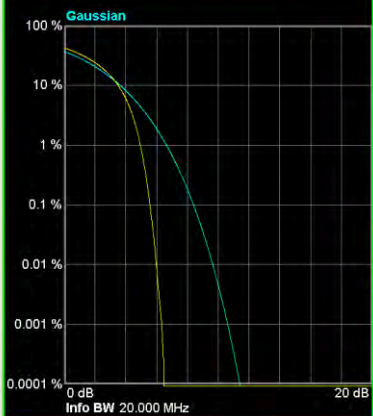
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-1

4945 MHz	 Average Power 25.34 dBm 40.24 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.61 dB</td></tr> <tr><td>1.0 %</td><td>5.31 dB</td></tr> <tr><td>0.1 %</td><td>5.93 dB</td></tr> <tr><td>0.01 %</td><td>6.30 dB</td></tr> <tr><td>0.001 %</td><td>6.49 dB</td></tr> <tr><td>0.0001 %</td><td>6.59 dB</td></tr> <tr><td>Peak</td><td>6.75 dB</td></tr> <tr><td></td><td>32.09 dBm</td></tr> </table> Center Freq: 4.94500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq: 4.94500000 GHz CF Step: 5.000000 MHz Auto Man Freq Offset: 0 Hz Info BW 10.000 MHz	10.0 %	3.61 dB	1.0 %	5.31 dB	0.1 %	5.93 dB	0.01 %	6.30 dB	0.001 %	6.49 dB	0.0001 %	6.59 dB	Peak	6.75 dB		32.09 dBm
10.0 %	3.61 dB																
1.0 %	5.31 dB																
0.1 %	5.93 dB																
0.01 %	6.30 dB																
0.001 %	6.49 dB																
0.0001 %	6.59 dB																
Peak	6.75 dB																
	32.09 dBm																
4965 MHz	 Average Power 25.50 dBm 39.62 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.64 dB</td></tr> <tr><td>1.0 %</td><td>5.50 dB</td></tr> <tr><td>0.1 %</td><td>6.17 dB</td></tr> <tr><td>0.01 %</td><td>6.53 dB</td></tr> <tr><td>0.001 %</td><td>6.69 dB</td></tr> <tr><td>0.0001 %</td><td>6.79 dB</td></tr> <tr><td>Peak</td><td>6.98 dB</td></tr> <tr><td></td><td>32.48 dBm</td></tr> </table> Center Freq: 4.96500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq: 4.96500000 GHz CF Step: 5.000000 MHz Auto Man Freq Offset: 0 Hz Info BW 10.000 MHz	10.0 %	3.64 dB	1.0 %	5.50 dB	0.1 %	6.17 dB	0.01 %	6.53 dB	0.001 %	6.69 dB	0.0001 %	6.79 dB	Peak	6.98 dB		32.48 dBm
10.0 %	3.64 dB																
1.0 %	5.50 dB																
0.1 %	6.17 dB																
0.01 %	6.53 dB																
0.001 %	6.69 dB																
0.0001 %	6.79 dB																
Peak	6.98 dB																
	32.48 dBm																
4985 MHz	 Average Power 25.65 dBm 39.21 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.66 dB</td></tr> <tr><td>1.0 %</td><td>5.63 dB</td></tr> <tr><td>0.1 %</td><td>6.34 dB</td></tr> <tr><td>0.01 %</td><td>6.70 dB</td></tr> <tr><td>0.001 %</td><td>6.87 dB</td></tr> <tr><td>0.0001 %</td><td>6.97 dB</td></tr> <tr><td>Peak</td><td>7.12 dB</td></tr> <tr><td></td><td>32.77 dBm</td></tr> </table> Center Freq: 4.98500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq: 4.98500000 GHz CF Step: 5.000000 MHz Auto Man Freq Offset: 0 Hz Info BW 10.000 MHz	10.0 %	3.66 dB	1.0 %	5.63 dB	0.1 %	6.34 dB	0.01 %	6.70 dB	0.001 %	6.87 dB	0.0001 %	6.97 dB	Peak	7.12 dB		32.77 dBm
10.0 %	3.66 dB																
1.0 %	5.63 dB																
0.1 %	6.34 dB																
0.01 %	6.70 dB																
0.001 %	6.87 dB																
0.0001 %	6.97 dB																
Peak	7.12 dB																
	32.77 dBm																

Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-1		
4950 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.950000000 GHz Trig: Free Run #Atten: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None 09:05:13 PM Jan 10, 2022 #IF Gain: 1.0 Average Power 25.18 dBm 39.75 % at 0dB 10.0 % 3.65 dB 1.0 % 5.50 dB 0.1 % 6.18 dB 0.01 % 6.59 dB 0.001 % 6.82 dB 0.0001 % 6.98 dB Peak 7.05 dB 32.23 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 20.000 MHz 20 dB File <BBB.png> saved STATUS Frequency Center Freq 4.950000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz	
4965 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.965000000 GHz Trig: Free Run #Atten: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None 09:06:11 PM Jan 10, 2022 #IF Gain: 1.0 Average Power 26.40 dBm 41.90 % at 0dB 10.0 % 3.48 dB 1.0 % 4.91 dB 0.1 % 5.47 dB 0.01 % 5.85 dB 0.001 % 6.17 dB 0.0001 % 6.32 dB Peak 6.35 dB 32.75 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 20.000 MHz 20 dB File <BBB.png> saved STATUS Frequency Center Freq 4.965000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz	
4980 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.980000000 GHz Trig: Free Run #Atten: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None 09:08:30 PM Jan 10, 2022 #IF Gain: 1.0 Average Power 26.16 dBm 41.02 % at 0dB 10.0 % 3.56 dB 1.0 % 5.13 dB 0.1 % 5.72 dB 0.01 % 6.03 dB 0.001 % 6.23 dB 0.0001 % 6.33 dB Peak 6.52 dB 32.68 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 20.000 MHz 20 dB File <BBB.png> saved STATUS Frequency Center Freq 4.980000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz	

Mode 10: MIMO_5 MHz Continuous TX mode_ANT-1																																																			
4942.5 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.942500000 GHz Trig: Free Run #Atten: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None 08:51:24 PM Jan 10, 2022 Average Power 22.73 dBm 37.45 % at 0dB <table><tr><td>10.0 %</td><td>3.68 dB</td></tr><tr><td>1.0 %</td><td>6.43 dB</td></tr><tr><td>0.1 %</td><td>7.53 dB</td></tr><tr><td>0.01 %</td><td>8.08 dB</td></tr><tr><td>0.001 %</td><td>8.39 dB</td></tr><tr><td>0.0001 %</td><td>8.51 dB</td></tr><tr><td>Peak</td><td>8.56 dB</td></tr><tr><td></td><td>31.29 dBm</td></tr></table> Gaussian  Info BW 5.0000 MHz Frequency Center Freq 4.942500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz 4967.5 MHz	10.0 %	3.68 dB	1.0 %	6.43 dB	0.1 %	7.53 dB	0.01 %	8.08 dB	0.001 %	8.39 dB	0.0001 %	8.51 dB	Peak	8.56 dB		31.29 dBm	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.967500000 GHz Trig: Free Run #Atten: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None 08:52:47 PM Jan 10, 2022 Average Power 23.02 dBm 37.21 % at 0dB <table><tr><td>10.0 %</td><td>3.67 dB</td></tr><tr><td>1.0 %</td><td>6.51 dB</td></tr><tr><td>0.1 %</td><td>7.73 dB</td></tr><tr><td>0.01 %</td><td>8.35 dB</td></tr><tr><td>0.001 %</td><td>8.67 dB</td></tr><tr><td>0.0001 %</td><td>8.82 dB</td></tr><tr><td>Peak</td><td>8.91 dB</td></tr><tr><td></td><td>31.93 dBm</td></tr></table> Gaussian  Info BW 5.0000 MHz Frequency Center Freq 4.967500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz 4987.5 MHz	10.0 %	3.67 dB	1.0 %	6.51 dB	0.1 %	7.73 dB	0.01 %	8.35 dB	0.001 %	8.67 dB	0.0001 %	8.82 dB	Peak	8.91 dB		31.93 dBm	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.987500000 GHz Trig: Free Run #Atten: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None 08:53:56 PM Jan 10, 2022 Average Power 22.47 dBm 36.93 % at 0dB <table><tr><td>10.0 %</td><td>3.65 dB</td></tr><tr><td>1.0 %</td><td>6.64 dB</td></tr><tr><td>0.1 %</td><td>8.12 dB</td></tr><tr><td>0.01 %</td><td>8.98 dB</td></tr><tr><td>0.001 %</td><td>9.34 dB</td></tr><tr><td>0.0001 %</td><td>9.46 dB</td></tr><tr><td>Peak</td><td>9.55 dB</td></tr><tr><td></td><td>32.02 dBm</td></tr></table> Gaussian  Info BW 5.0000 MHz Frequency Center Freq 4.987500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz	10.0 %	3.65 dB	1.0 %	6.64 dB	0.1 %	8.12 dB	0.01 %	8.98 dB	0.001 %	9.34 dB	0.0001 %	9.46 dB	Peak	9.55 dB		32.02 dBm
10.0 %	3.68 dB																																																		
1.0 %	6.43 dB																																																		
0.1 %	7.53 dB																																																		
0.01 %	8.08 dB																																																		
0.001 %	8.39 dB																																																		
0.0001 %	8.51 dB																																																		
Peak	8.56 dB																																																		
	31.29 dBm																																																		
10.0 %	3.67 dB																																																		
1.0 %	6.51 dB																																																		
0.1 %	7.73 dB																																																		
0.01 %	8.35 dB																																																		
0.001 %	8.67 dB																																																		
0.0001 %	8.82 dB																																																		
Peak	8.91 dB																																																		
	31.93 dBm																																																		
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0.01 %	8.98 dB																																																		
0.001 %	9.34 dB																																																		
0.0001 %	9.46 dB																																																		
Peak	9.55 dB																																																		
	32.02 dBm																																																		



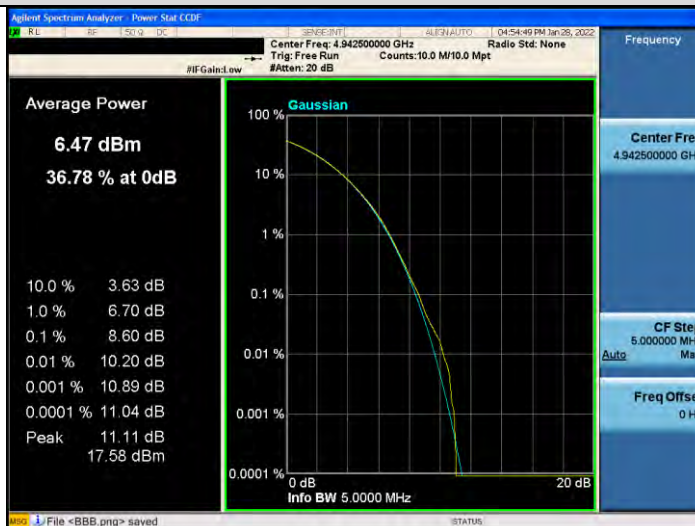
Mode 12: MIMO_20 MHz Continuous TX mode_ANT-1																		
4950 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.950000000 GHz Trig: Free Run #Atten: 30 dB 09-10-15 PM Jan 10, 2022 Radio Std: None Counts: 10.0 M/10.0 Mpt Frequency Center Freq 4.950000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Average Power 26.02 dBm 42.08 % at 0dB <table><tr><td>10.0 %</td><td>3.51 dB</td></tr><tr><td>1.0 %</td><td>5.00 dB</td></tr><tr><td>0.1 %</td><td>5.65 dB</td></tr><tr><td>0.01 %</td><td>6.06 dB</td></tr><tr><td>0.001 %</td><td>6.40 dB</td></tr><tr><td>0.0001 %</td><td>6.59 dB</td></tr><tr><td>Peak</td><td>6.62 dB</td></tr><tr><td></td><td>32.64 dBm</td></tr></table> Gaussian  0 dB 20 dB Info BW 20.000 MHz File <BBB.png> saved STATUS	10.0 %	3.51 dB	1.0 %	5.00 dB	0.1 %	5.65 dB	0.01 %	6.06 dB	0.001 %	6.40 dB	0.0001 %	6.59 dB	Peak	6.62 dB		32.64 dBm	
10.0 %	3.51 dB																	
1.0 %	5.00 dB																	
0.1 %	5.65 dB																	
0.01 %	6.06 dB																	
0.001 %	6.40 dB																	
0.0001 %	6.59 dB																	
Peak	6.62 dB																	
	32.64 dBm																	
4965 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.965000000 GHz Trig: Free Run #Atten: 30 dB 09-11-07 PM Jan 10, 2022 Radio Std: None Counts: 10.0 M/10.0 Mpt Frequency Center Freq 4.965000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Average Power 26.33 dBm 42.31 % at 0dB <table><tr><td>10.0 %</td><td>3.49 dB</td></tr><tr><td>1.0 %</td><td>4.94 dB</td></tr><tr><td>0.1 %</td><td>5.56 dB</td></tr><tr><td>0.01 %</td><td>5.98 dB</td></tr><tr><td>0.001 %</td><td>6.33 dB</td></tr><tr><td>0.0001 %</td><td>6.48 dB</td></tr><tr><td>Peak</td><td>6.55 dB</td></tr><tr><td></td><td>32.88 dBm</td></tr></table> Gaussian  0 dB 20 dB Info BW 20.000 MHz File <BBB.png> saved STATUS	10.0 %	3.49 dB	1.0 %	4.94 dB	0.1 %	5.56 dB	0.01 %	5.98 dB	0.001 %	6.33 dB	0.0001 %	6.48 dB	Peak	6.55 dB		32.88 dBm	
10.0 %	3.49 dB																	
1.0 %	4.94 dB																	
0.1 %	5.56 dB																	
0.01 %	5.98 dB																	
0.001 %	6.33 dB																	
0.0001 %	6.48 dB																	
Peak	6.55 dB																	
	32.88 dBm																	
4980 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.980000000 GHz Trig: Free Run #Atten: 30 dB 09-11-51 PM Jan 10, 2022 Radio Std: None Counts: 10.0 M/10.0 Mpt Frequency Center Freq 4.980000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Average Power 26.00 dBm 41.29 % at 0dB <table><tr><td>10.0 %</td><td>3.58 dB</td></tr><tr><td>1.0 %</td><td>5.20 dB</td></tr><tr><td>0.1 %</td><td>5.82 dB</td></tr><tr><td>0.01 %</td><td>6.18 dB</td></tr><tr><td>0.001 %</td><td>6.45 dB</td></tr><tr><td>0.0001 %</td><td>6.61 dB</td></tr><tr><td>Peak</td><td>6.65 dB</td></tr><tr><td></td><td>32.65 dBm</td></tr></table> Gaussian  0 dB 20 dB Info BW 20.000 MHz File <BBB.png> saved STATUS	10.0 %	3.58 dB	1.0 %	5.20 dB	0.1 %	5.82 dB	0.01 %	6.18 dB	0.001 %	6.45 dB	0.0001 %	6.61 dB	Peak	6.65 dB		32.65 dBm	
10.0 %	3.58 dB																	
1.0 %	5.20 dB																	
0.1 %	5.82 dB																	
0.01 %	6.18 dB																	
0.001 %	6.45 dB																	
0.0001 %	6.61 dB																	
Peak	6.65 dB																	
	32.65 dBm																	

Directional Panel Antenna

Test Graphs

Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-0

4942.5 MHz



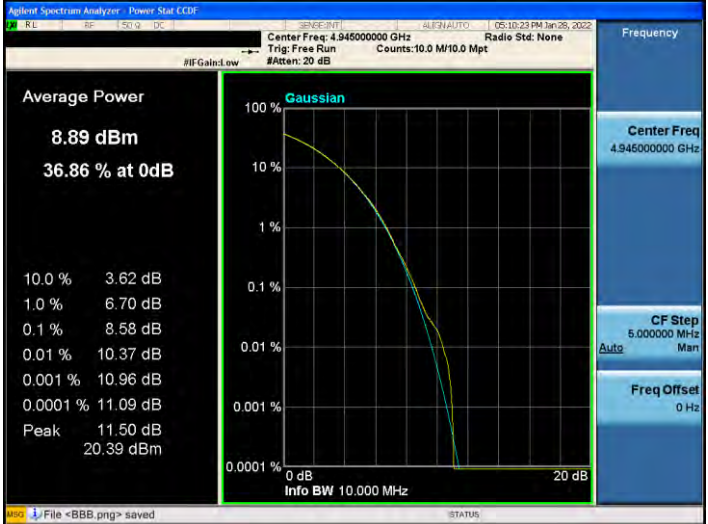
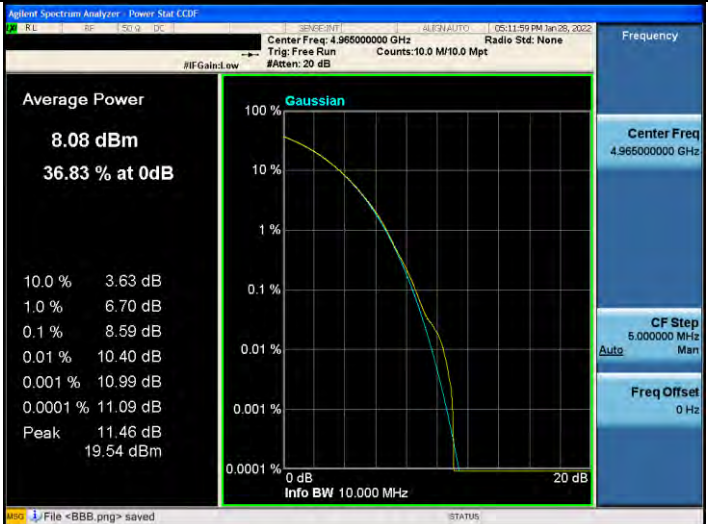
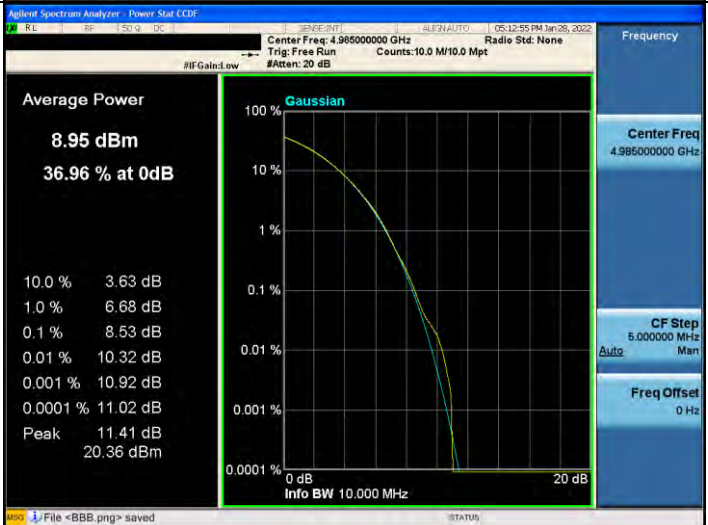
4967.5 MHz



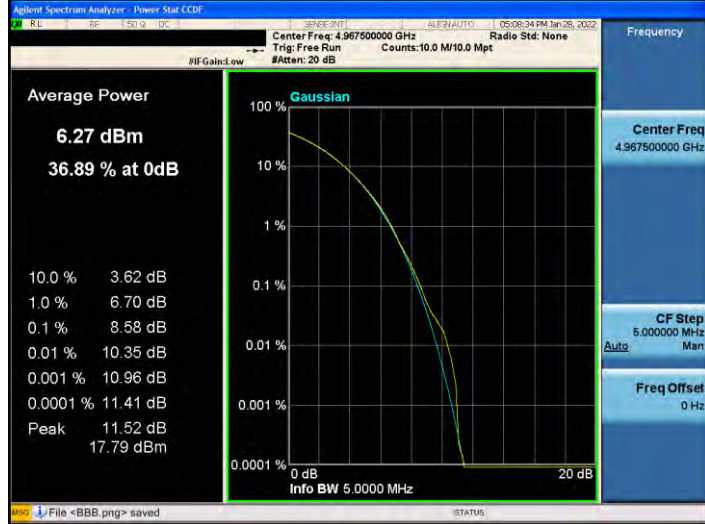
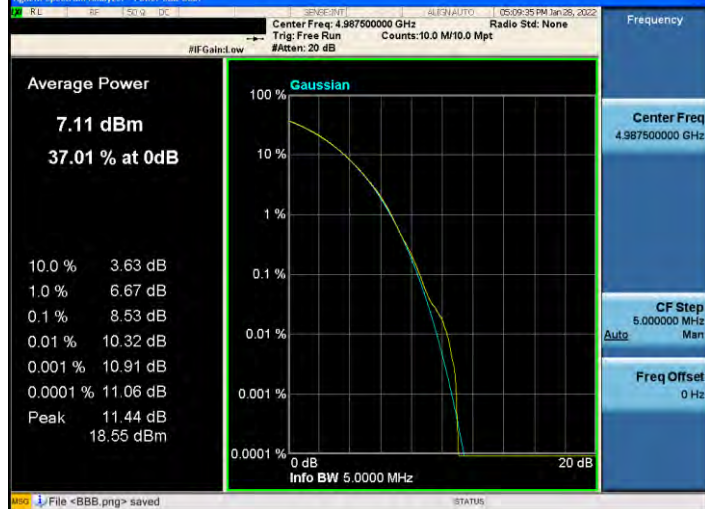
4987.5 MHz

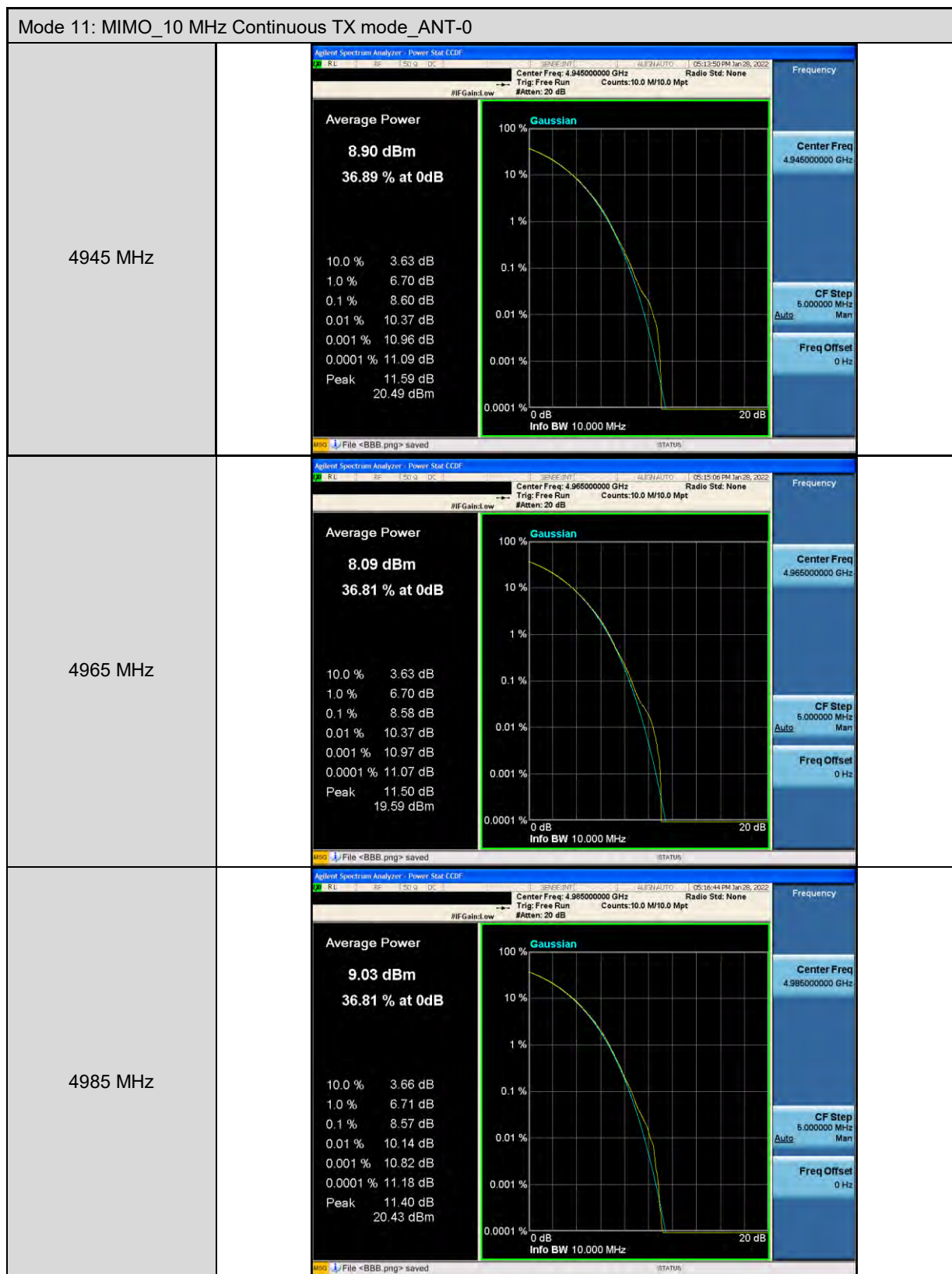


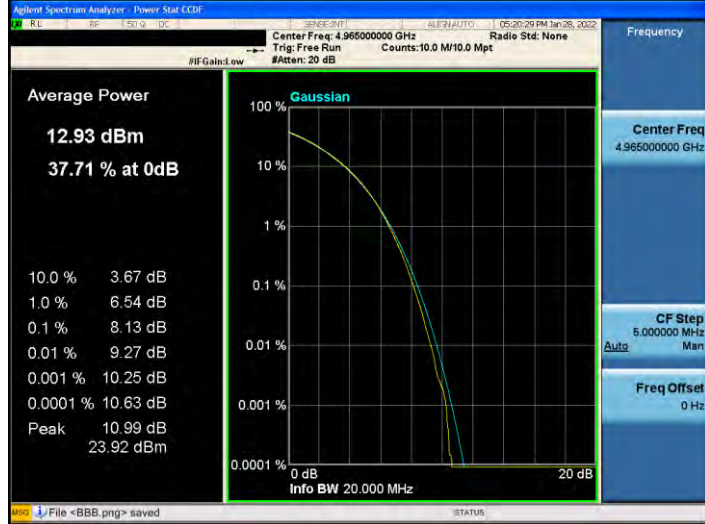
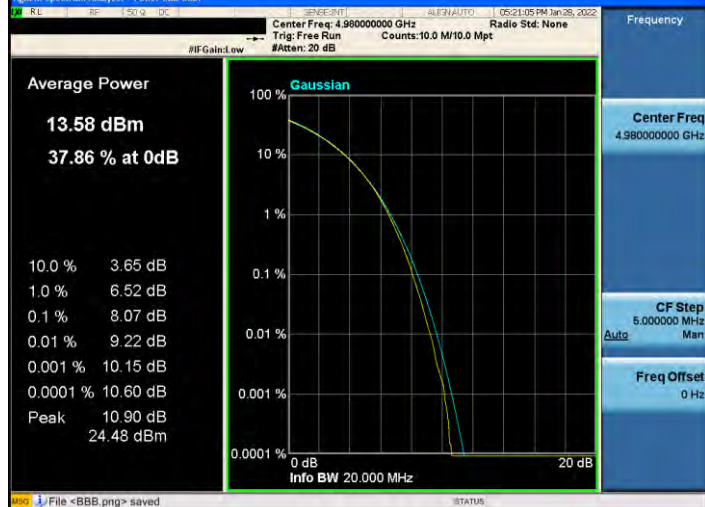
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0

4945 MHz	 Average Power 8.89 dBm 36.86 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.62 dB</td></tr> <tr><td>1.0 %</td><td>6.70 dB</td></tr> <tr><td>0.1 %</td><td>8.58 dB</td></tr> <tr><td>0.01 %</td><td>10.37 dB</td></tr> <tr><td>0.001 %</td><td>10.96 dB</td></tr> <tr><td>0.0001 %</td><td>11.09 dB</td></tr> <tr><td>Peak</td><td>11.50 dB</td></tr> <tr><td></td><td>20.39 dBm</td></tr> </table> Center Freq: 4.94500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.94500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 10.000 MHz	10.0 %	3.62 dB	1.0 %	6.70 dB	0.1 %	8.58 dB	0.01 %	10.37 dB	0.001 %	10.96 dB	0.0001 %	11.09 dB	Peak	11.50 dB		20.39 dBm
10.0 %	3.62 dB																
1.0 %	6.70 dB																
0.1 %	8.58 dB																
0.01 %	10.37 dB																
0.001 %	10.96 dB																
0.0001 %	11.09 dB																
Peak	11.50 dB																
	20.39 dBm																
4965 MHz	 Average Power 8.08 dBm 36.83 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.63 dB</td></tr> <tr><td>1.0 %</td><td>6.70 dB</td></tr> <tr><td>0.1 %</td><td>8.59 dB</td></tr> <tr><td>0.01 %</td><td>10.40 dB</td></tr> <tr><td>0.001 %</td><td>10.99 dB</td></tr> <tr><td>0.0001 %</td><td>11.09 dB</td></tr> <tr><td>Peak</td><td>11.46 dB</td></tr> <tr><td></td><td>19.54 dBm</td></tr> </table> Center Freq: 4.96500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.96500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 10.000 MHz	10.0 %	3.63 dB	1.0 %	6.70 dB	0.1 %	8.59 dB	0.01 %	10.40 dB	0.001 %	10.99 dB	0.0001 %	11.09 dB	Peak	11.46 dB		19.54 dBm
10.0 %	3.63 dB																
1.0 %	6.70 dB																
0.1 %	8.59 dB																
0.01 %	10.40 dB																
0.001 %	10.99 dB																
0.0001 %	11.09 dB																
Peak	11.46 dB																
	19.54 dBm																
4985 MHz	 Average Power 8.95 dBm 36.96 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.63 dB</td></tr> <tr><td>1.0 %</td><td>6.68 dB</td></tr> <tr><td>0.1 %</td><td>8.53 dB</td></tr> <tr><td>0.01 %</td><td>10.32 dB</td></tr> <tr><td>0.001 %</td><td>10.92 dB</td></tr> <tr><td>0.0001 %</td><td>11.02 dB</td></tr> <tr><td>Peak</td><td>11.41 dB</td></tr> <tr><td></td><td>20.36 dBm</td></tr> </table> Center Freq: 4.98500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.98500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 10.000 MHz	10.0 %	3.63 dB	1.0 %	6.68 dB	0.1 %	8.53 dB	0.01 %	10.32 dB	0.001 %	10.92 dB	0.0001 %	11.02 dB	Peak	11.41 dB		20.36 dBm
10.0 %	3.63 dB																
1.0 %	6.68 dB																
0.1 %	8.53 dB																
0.01 %	10.32 dB																
0.001 %	10.92 dB																
0.0001 %	11.02 dB																
Peak	11.41 dB																
	20.36 dBm																

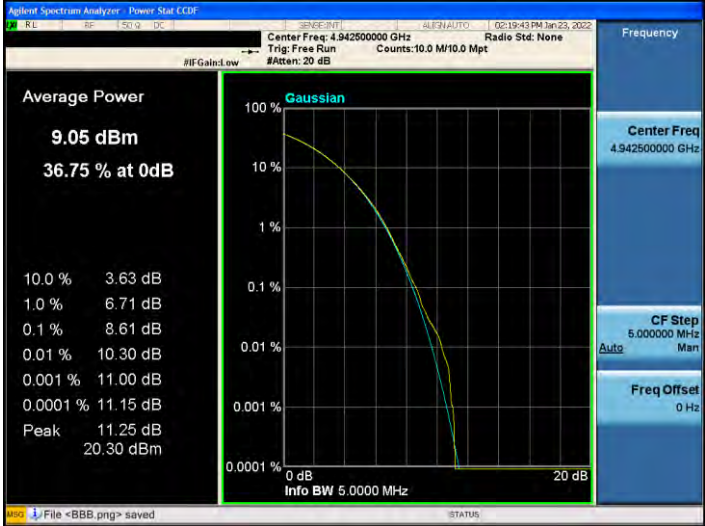
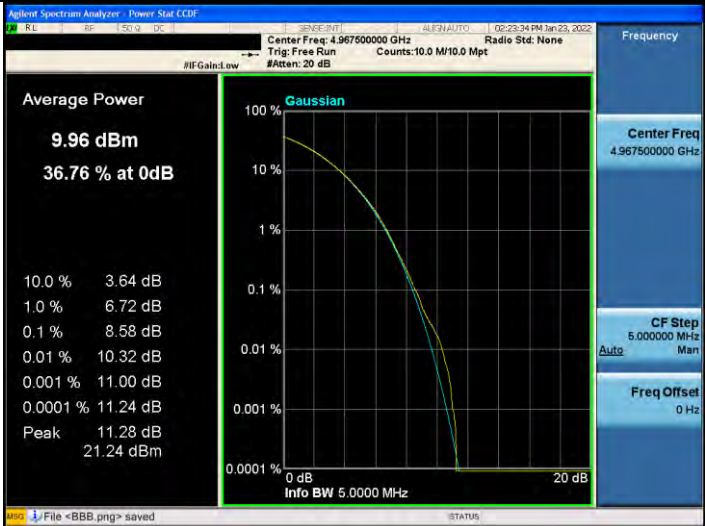
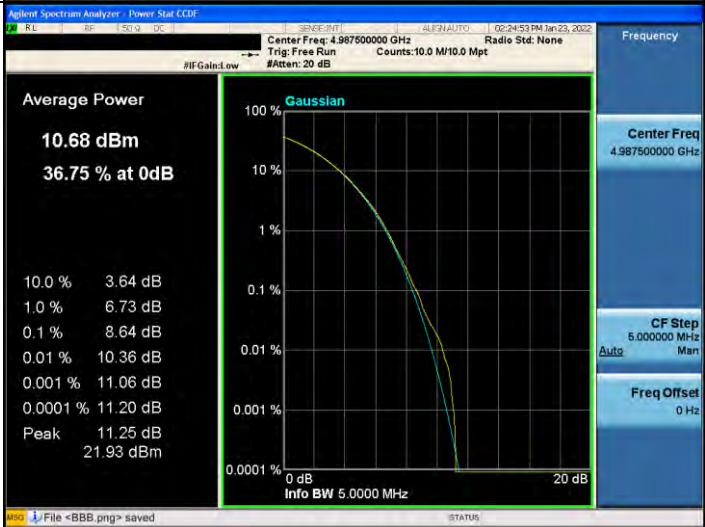
Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-0		
4950 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.950000000 GHz Trig: Free Run #Atten: 20 dB Counts: 10.0 M/10.0 Mpt Frequency Center Freq 4.950000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Average Power 11.38 dBm 36.95 % at 0dB 10.0 % 3.65 dB 1.0 % 6.68 dB 0.1 % 8.55 dB 0.01 % 10.17 dB 0.001 % 10.93 dB 0.0001 % 11.43 dB Peak 11.57 dB 22.95 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 20.000 MHz 20 dB	
4965 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.965000000 GHz Trig: Free Run #Atten: 20 dB Counts: 10.0 M/10.0 Mpt Frequency Center Freq 4.965000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Average Power 11.72 dBm 36.86 % at 0dB 10.0 % 3.65 dB 1.0 % 6.70 dB 0.1 % 8.57 dB 0.01 % 10.16 dB 0.001 % 10.93 dB 0.0001 % 11.28 dB Peak 11.59 dB 23.31 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 20.000 MHz 20 dB	
4980 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.980000000 GHz Trig: Free Run #Atten: 20 dB Counts: 10.0 M/10.0 Mpt Frequency Center Freq 4.980000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Average Power 12.65 dBm 37.04 % at 0dB 10.0 % 3.65 dB 1.0 % 6.65 dB 0.1 % 8.49 dB 0.01 % 10.24 dB 0.001 % 10.99 dB 0.0001 % 11.23 dB Peak 11.31 dB 23.96 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 20.000 MHz 20 dB	

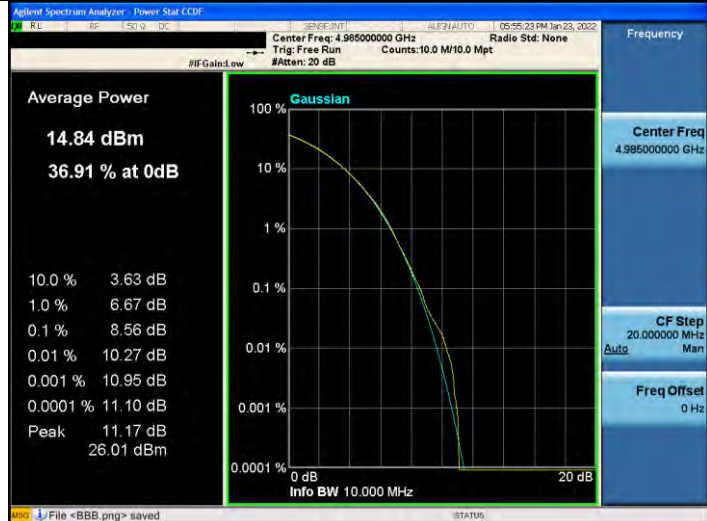
Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0		
4942.5 MHz		
4967.5 MHz		
4987.5 MHz		

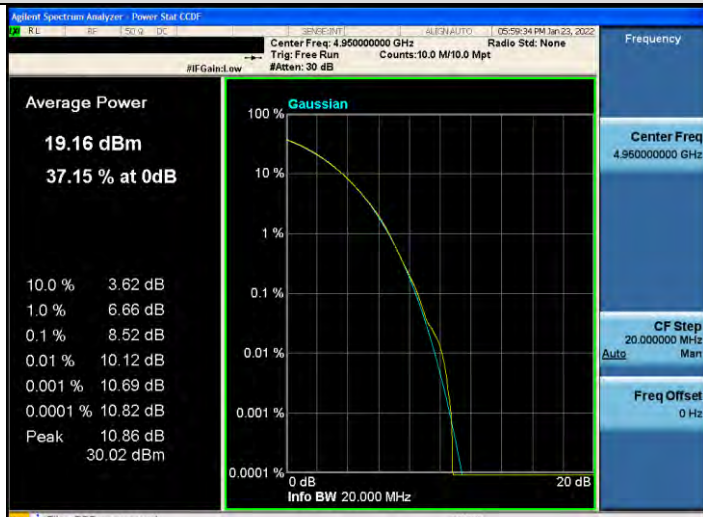
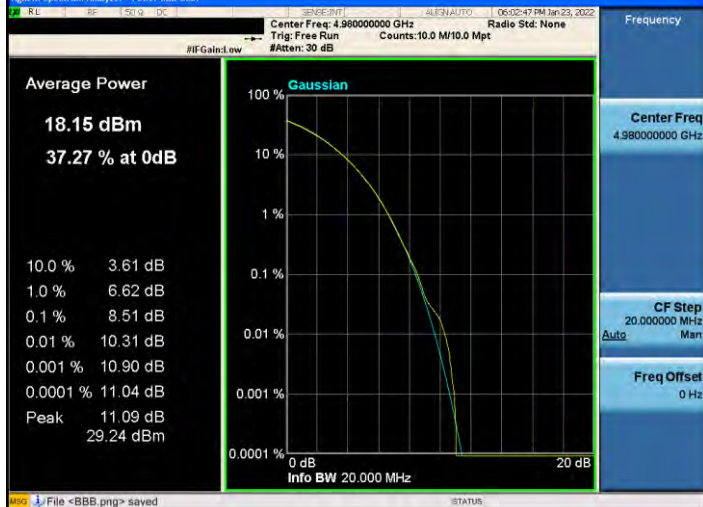


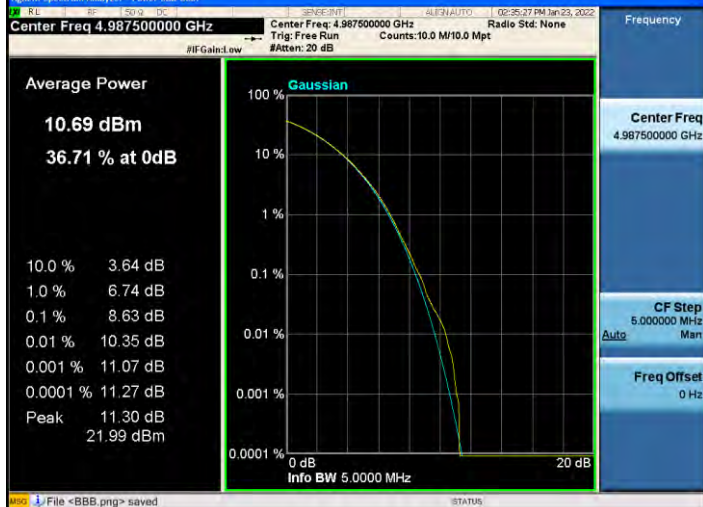
Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

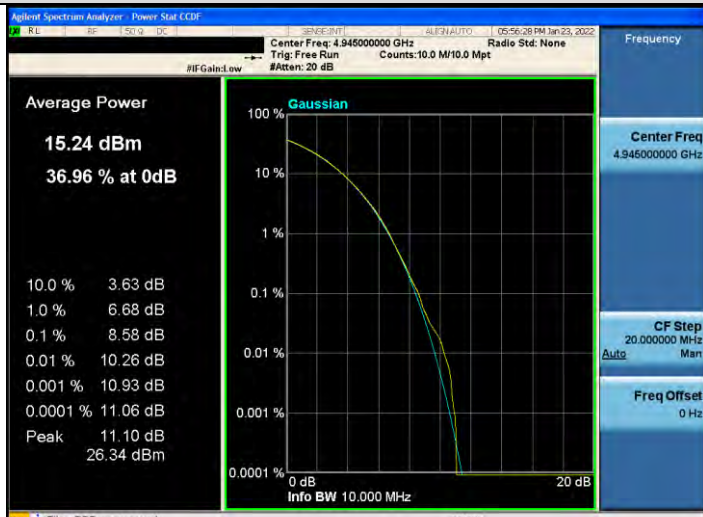
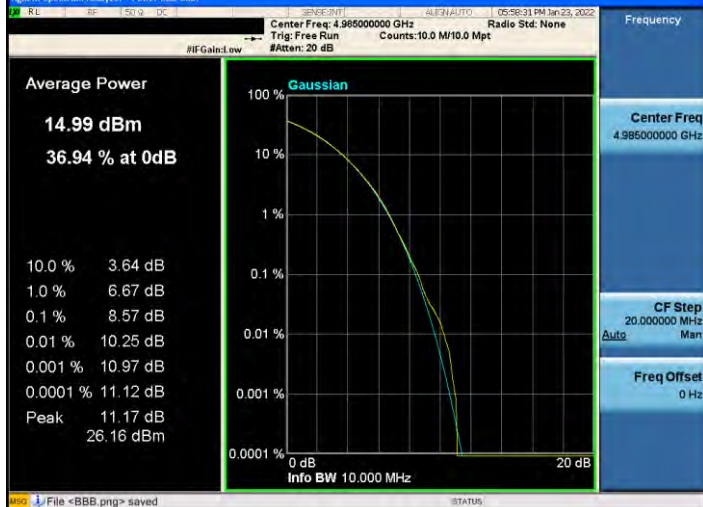
Mode 1: SISO_5 MHz Continuous TX mode (Legacy) _ANT-1

4942.5 MHz	 Average Power 9.05 dBm 36.75 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.63 dB</td></tr> <tr><td>1.0 %</td><td>6.71 dB</td></tr> <tr><td>0.1 %</td><td>8.61 dB</td></tr> <tr><td>0.01 %</td><td>10.30 dB</td></tr> <tr><td>0.001 %</td><td>11.00 dB</td></tr> <tr><td>0.0001 %</td><td>11.15 dB</td></tr> <tr><td>Peak</td><td>11.25 dB</td></tr> <tr><td></td><td>20.30 dBm</td></tr> </table> Center Freq: 4.94250000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq: 4.94250000 GHz CF Step: 5.000000 MHz Auto Man Freq Offset: 0 Hz Info BW 5.0000 MHz	10.0 %	3.63 dB	1.0 %	6.71 dB	0.1 %	8.61 dB	0.01 %	10.30 dB	0.001 %	11.00 dB	0.0001 %	11.15 dB	Peak	11.25 dB		20.30 dBm
10.0 %	3.63 dB																
1.0 %	6.71 dB																
0.1 %	8.61 dB																
0.01 %	10.30 dB																
0.001 %	11.00 dB																
0.0001 %	11.15 dB																
Peak	11.25 dB																
	20.30 dBm																
4967.5 MHz	 Average Power 9.96 dBm 36.76 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.64 dB</td></tr> <tr><td>1.0 %</td><td>6.72 dB</td></tr> <tr><td>0.1 %</td><td>8.58 dB</td></tr> <tr><td>0.01 %</td><td>10.32 dB</td></tr> <tr><td>0.001 %</td><td>11.00 dB</td></tr> <tr><td>0.0001 %</td><td>11.24 dB</td></tr> <tr><td>Peak</td><td>11.28 dB</td></tr> <tr><td></td><td>21.24 dBm</td></tr> </table> Center Freq: 4.96750000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq: 4.96750000 GHz CF Step: 5.000000 MHz Auto Man Freq Offset: 0 Hz Info BW 5.0000 MHz	10.0 %	3.64 dB	1.0 %	6.72 dB	0.1 %	8.58 dB	0.01 %	10.32 dB	0.001 %	11.00 dB	0.0001 %	11.24 dB	Peak	11.28 dB		21.24 dBm
10.0 %	3.64 dB																
1.0 %	6.72 dB																
0.1 %	8.58 dB																
0.01 %	10.32 dB																
0.001 %	11.00 dB																
0.0001 %	11.24 dB																
Peak	11.28 dB																
	21.24 dBm																
4987.5 MHz	 Average Power 10.68 dBm 36.75 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.64 dB</td></tr> <tr><td>1.0 %</td><td>6.73 dB</td></tr> <tr><td>0.1 %</td><td>8.64 dB</td></tr> <tr><td>0.01 %</td><td>10.36 dB</td></tr> <tr><td>0.001 %</td><td>11.06 dB</td></tr> <tr><td>0.0001 %</td><td>11.20 dB</td></tr> <tr><td>Peak</td><td>11.25 dB</td></tr> <tr><td></td><td>21.93 dBm</td></tr> </table> Center Freq: 4.98750000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq: 4.98750000 GHz CF Step: 5.000000 MHz Auto Man Freq Offset: 0 Hz Info BW 5.0000 MHz	10.0 %	3.64 dB	1.0 %	6.73 dB	0.1 %	8.64 dB	0.01 %	10.36 dB	0.001 %	11.06 dB	0.0001 %	11.20 dB	Peak	11.25 dB		21.93 dBm
10.0 %	3.64 dB																
1.0 %	6.73 dB																
0.1 %	8.64 dB																
0.01 %	10.36 dB																
0.001 %	11.06 dB																
0.0001 %	11.20 dB																
Peak	11.25 dB																
	21.93 dBm																

Mode 2: SISO_10 MHz Continuous TX mode (Legacy) _ANT-1																		
4945 MHz	 Average Power 13.57 dBm 36.78 % at 0dB <table><tr><td>10.0 %</td><td>3.65 dB</td></tr><tr><td>1.0 %</td><td>6.73 dB</td></tr><tr><td>0.1 %</td><td>8.63 dB</td></tr><tr><td>0.01 %</td><td>10.36 dB</td></tr><tr><td>0.001 %</td><td>11.33 dB</td></tr><tr><td>0.0001 %</td><td>11.92 dB</td></tr><tr><td>Peak</td><td>12.09 dB</td></tr><tr><td></td><td>25.66 dBm</td></tr></table> Center Freq: 4.945000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.945000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz Info BW 10.000 MHz	10.0 %	3.65 dB	1.0 %	6.73 dB	0.1 %	8.63 dB	0.01 %	10.36 dB	0.001 %	11.33 dB	0.0001 %	11.92 dB	Peak	12.09 dB		25.66 dBm	
10.0 %	3.65 dB																	
1.0 %	6.73 dB																	
0.1 %	8.63 dB																	
0.01 %	10.36 dB																	
0.001 %	11.33 dB																	
0.0001 %	11.92 dB																	
Peak	12.09 dB																	
	25.66 dBm																	
4965 MHz	 Average Power 14.50 dBm 36.95 % at 0dB <table><tr><td>10.0 %</td><td>3.64 dB</td></tr><tr><td>1.0 %</td><td>6.68 dB</td></tr><tr><td>0.1 %</td><td>8.57 dB</td></tr><tr><td>0.01 %</td><td>10.34 dB</td></tr><tr><td>0.001 %</td><td>11.03 dB</td></tr><tr><td>0.0001 %</td><td>11.17 dB</td></tr><tr><td>Peak</td><td>11.61 dB</td></tr><tr><td></td><td>26.11 dBm</td></tr></table> Center Freq: 4.965000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.965000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz Info BW 10.000 MHz	10.0 %	3.64 dB	1.0 %	6.68 dB	0.1 %	8.57 dB	0.01 %	10.34 dB	0.001 %	11.03 dB	0.0001 %	11.17 dB	Peak	11.61 dB		26.11 dBm	
10.0 %	3.64 dB																	
1.0 %	6.68 dB																	
0.1 %	8.57 dB																	
0.01 %	10.34 dB																	
0.001 %	11.03 dB																	
0.0001 %	11.17 dB																	
Peak	11.61 dB																	
	26.11 dBm																	
4985 MHz	 Average Power 14.84 dBm 36.91 % at 0dB <table><tr><td>10.0 %</td><td>3.63 dB</td></tr><tr><td>1.0 %</td><td>6.67 dB</td></tr><tr><td>0.1 %</td><td>8.56 dB</td></tr><tr><td>0.01 %</td><td>10.27 dB</td></tr><tr><td>0.001 %</td><td>10.95 dB</td></tr><tr><td>0.0001 %</td><td>11.10 dB</td></tr><tr><td>Peak</td><td>11.17 dB</td></tr><tr><td></td><td>26.01 dBm</td></tr></table> Center Freq: 4.985000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.985000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz Info BW 10.000 MHz	10.0 %	3.63 dB	1.0 %	6.67 dB	0.1 %	8.56 dB	0.01 %	10.27 dB	0.001 %	10.95 dB	0.0001 %	11.10 dB	Peak	11.17 dB		26.01 dBm	
10.0 %	3.63 dB																	
1.0 %	6.67 dB																	
0.1 %	8.56 dB																	
0.01 %	10.27 dB																	
0.001 %	10.95 dB																	
0.0001 %	11.10 dB																	
Peak	11.17 dB																	
	26.01 dBm																	

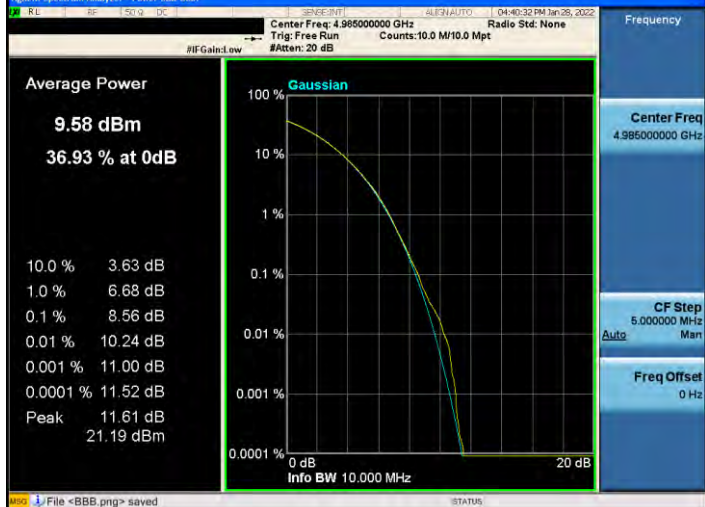
Mode 3: SISO_20 MHz Continuous TX mode (Legacy)_ANT-1		
4950 MHz		
4965 MHz		
4980 MHz		

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

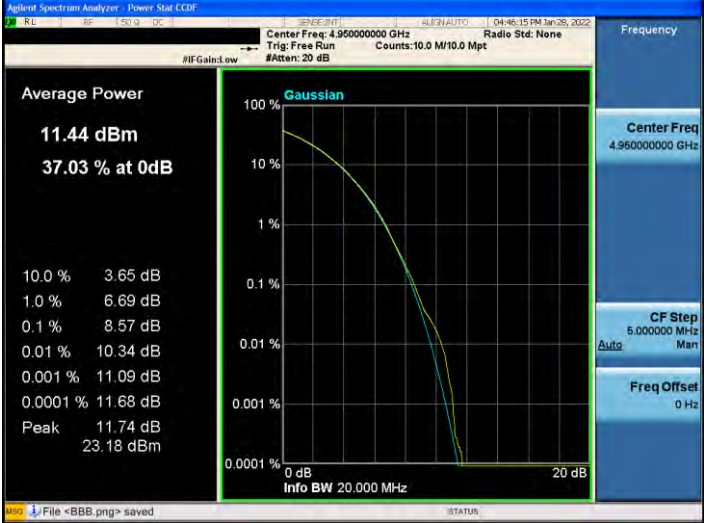
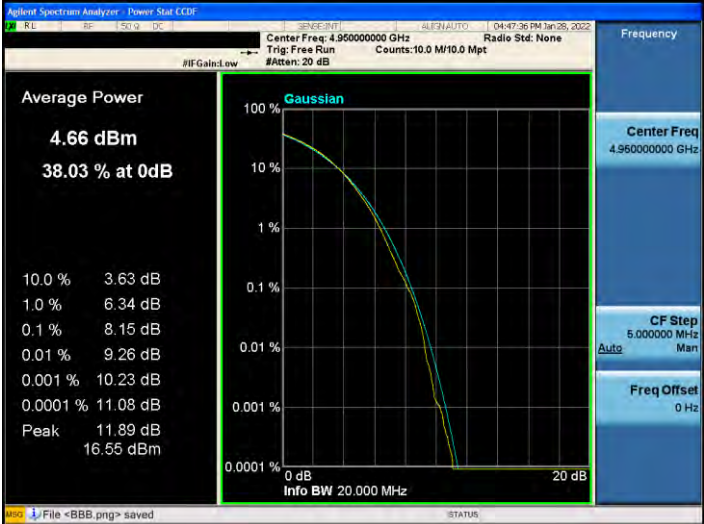
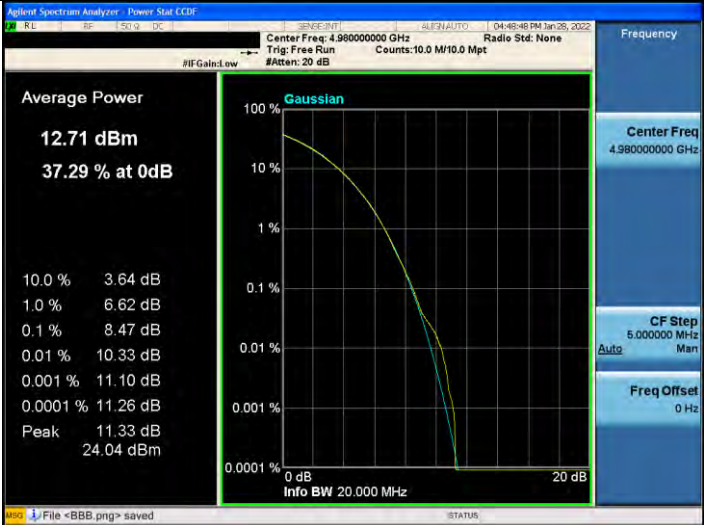
Mode 5: SISO_10 MHz Continuous TX mode_ANT-1		
4945 MHz		
4965 MHz		
4985 MHz		

Mode 6: SISO_20 MHz Continuous TX mode_ANT-1		
4950 MHz		Agilent Spectrum Analyzer - Power Stat LCD Center Freq: 4.950000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.950000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz Average Power 18.00 dBm 37.14 % at 0dB 10.0 % 3.70 dB 1.0 % 6.64 dB 0.1 % 8.27 dB 0.01 % 9.48 dB 0.001 % 10.60 dB 0.0001 % 10.80 dB Peak 11.09 dB 29.09 dBm Gaussian 0 dB Info BW 20.000 MHz 20 dB
4965 MHz		Agilent Spectrum Analyzer - Power Stat LCD Center Freq: 4.965000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.965000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz Average Power 18.24 dBm 37.11 % at 0dB 10.0 % 3.69 dB 1.0 % 6.64 dB 0.1 % 8.25 dB 0.01 % 9.53 dB 0.001 % 10.64 dB 0.0001 % 10.85 dB Peak 10.92 dB 29.16 dBm Gaussian 0 dB Info BW 20.000 MHz 20 dB
4980 MHz		Agilent Spectrum Analyzer - Power Stat LCD Center Freq: 4.980000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.980000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz Average Power 18.14 dBm 37.17 % at 0dB 10.0 % 3.70 dB 1.0 % 6.62 dB 0.1 % 8.24 dB 0.01 % 9.49 dB 0.001 % 10.65 dB 0.0001 % 10.87 dB Peak 11.08 dB 29.22 dBm Gaussian 0 dB Info BW 20.000 MHz 20 dB

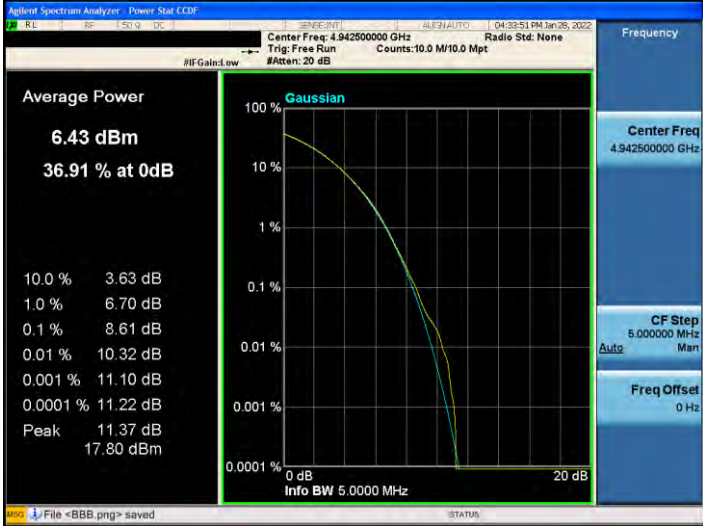
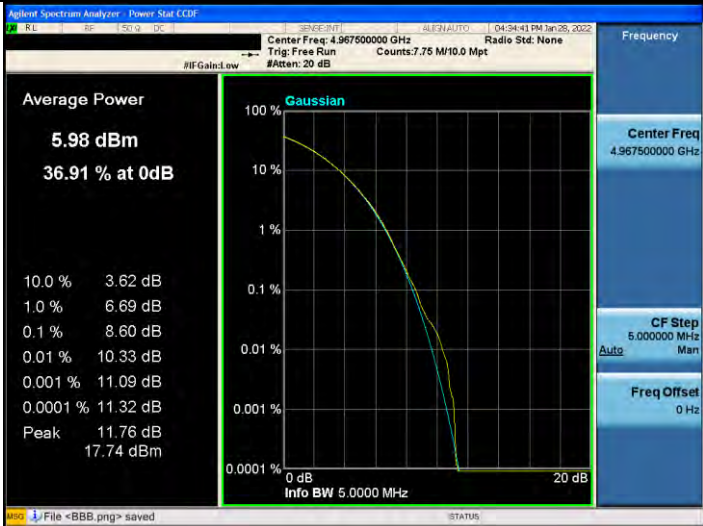
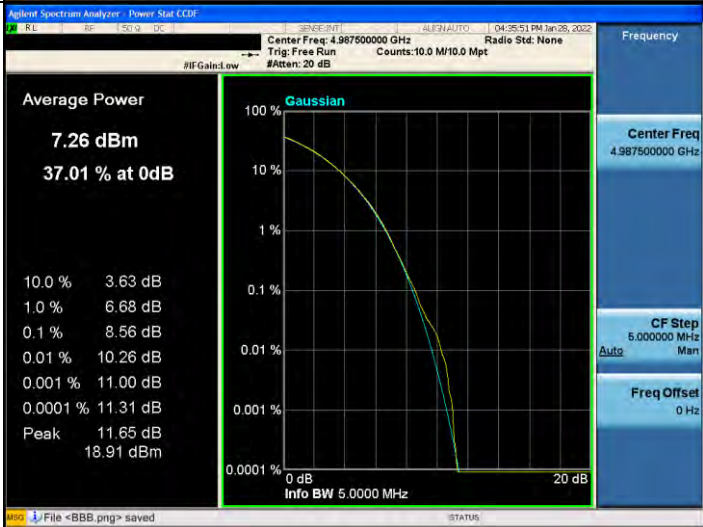
Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-1																		
4942.5 MHz	 Average Power 6.44 dBm 36.94 % at 0dB <table><tr><td>10.0 %</td><td>3.63 dB</td></tr><tr><td>1.0 %</td><td>6.70 dB</td></tr><tr><td>0.1 %</td><td>8.61 dB</td></tr><tr><td>0.01 %</td><td>10.35 dB</td></tr><tr><td>0.001 %</td><td>11.11 dB</td></tr><tr><td>0.0001 %</td><td>11.25 dB</td></tr><tr><td>Peak</td><td>11.74 dB</td></tr><tr><td></td><td>18.18 dBm</td></tr></table> Center Freq: 4.942500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.942500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 5.0000 MHz	10.0 %	3.63 dB	1.0 %	6.70 dB	0.1 %	8.61 dB	0.01 %	10.35 dB	0.001 %	11.11 dB	0.0001 %	11.25 dB	Peak	11.74 dB		18.18 dBm	
10.0 %	3.63 dB																	
1.0 %	6.70 dB																	
0.1 %	8.61 dB																	
0.01 %	10.35 dB																	
0.001 %	11.11 dB																	
0.0001 %	11.25 dB																	
Peak	11.74 dB																	
	18.18 dBm																	
4967.5 MHz	 Average Power 5.90 dBm 36.97 % at 0dB <table><tr><td>10.0 %</td><td>3.63 dB</td></tr><tr><td>1.0 %</td><td>6.69 dB</td></tr><tr><td>0.1 %</td><td>8.59 dB</td></tr><tr><td>0.01 %</td><td>10.33 dB</td></tr><tr><td>0.001 %</td><td>11.00 dB</td></tr><tr><td>0.0001 %</td><td>11.19 dB</td></tr><tr><td>Peak</td><td>11.37 dB</td></tr><tr><td></td><td>17.27 dBm</td></tr></table> Center Freq: 4.967500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.967500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 5.0000 MHz	10.0 %	3.63 dB	1.0 %	6.69 dB	0.1 %	8.59 dB	0.01 %	10.33 dB	0.001 %	11.00 dB	0.0001 %	11.19 dB	Peak	11.37 dB		17.27 dBm	
10.0 %	3.63 dB																	
1.0 %	6.69 dB																	
0.1 %	8.59 dB																	
0.01 %	10.33 dB																	
0.001 %	11.00 dB																	
0.0001 %	11.19 dB																	
Peak	11.37 dB																	
	17.27 dBm																	
4987.5 MHz	 Average Power 8.26 dBm 36.98 % at 0dB <table><tr><td>10.0 %</td><td>3.63 dB</td></tr><tr><td>1.0 %</td><td>6.68 dB</td></tr><tr><td>0.1 %</td><td>8.58 dB</td></tr><tr><td>0.01 %</td><td>10.28 dB</td></tr><tr><td>0.001 %</td><td>11.03 dB</td></tr><tr><td>0.0001 %</td><td>11.16 dB</td></tr><tr><td>Peak</td><td>11.48 dB</td></tr><tr><td></td><td>19.74 dBm</td></tr></table> Center Freq: 4.987500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.987500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 5.0000 MHz	10.0 %	3.63 dB	1.0 %	6.68 dB	0.1 %	8.58 dB	0.01 %	10.28 dB	0.001 %	11.03 dB	0.0001 %	11.16 dB	Peak	11.48 dB		19.74 dBm	
10.0 %	3.63 dB																	
1.0 %	6.68 dB																	
0.1 %	8.58 dB																	
0.01 %	10.28 dB																	
0.001 %	11.03 dB																	
0.0001 %	11.16 dB																	
Peak	11.48 dB																	
	19.74 dBm																	

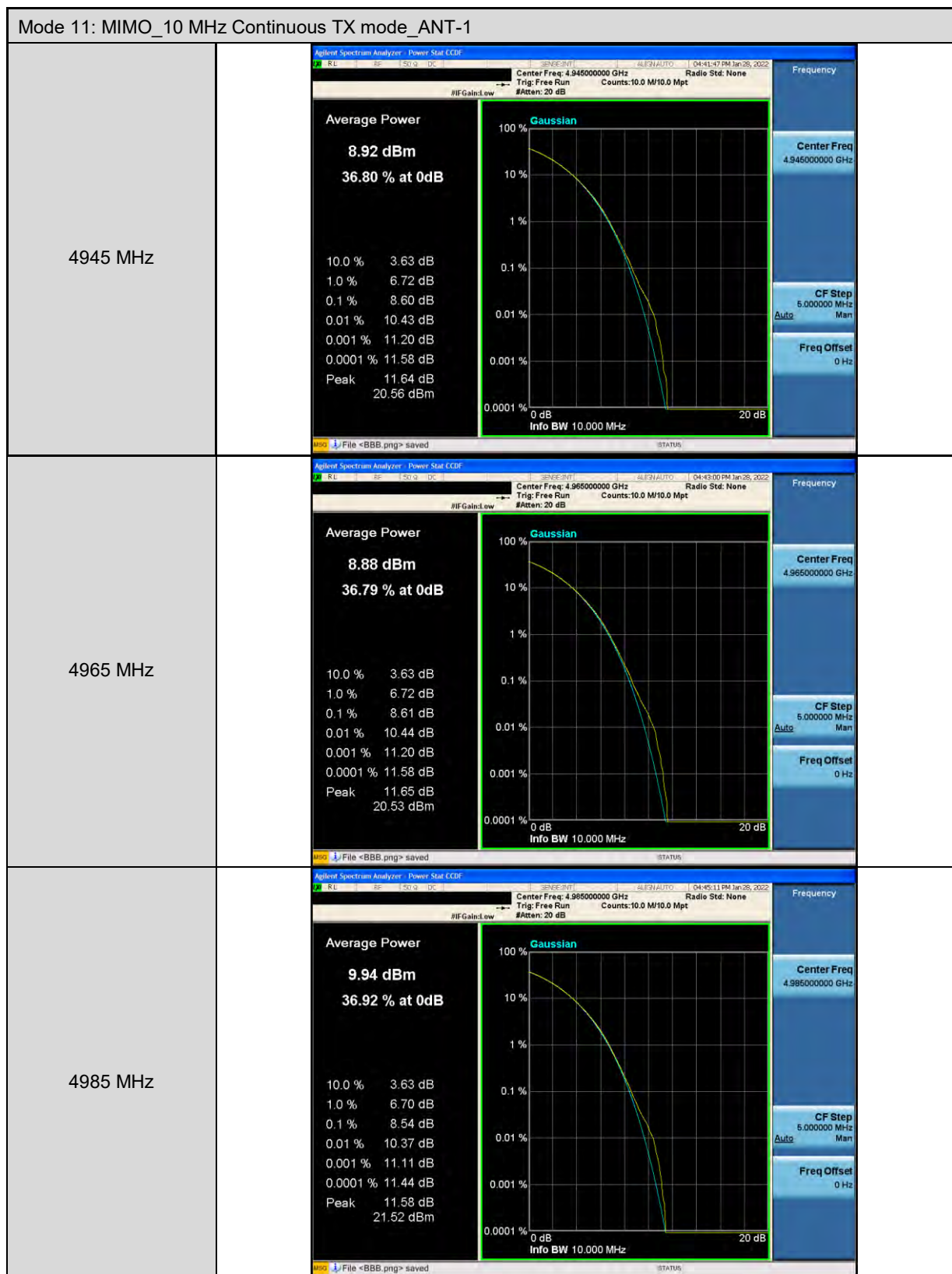
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-1		
4945 MHz		
4965 MHz		
4985 MHz		

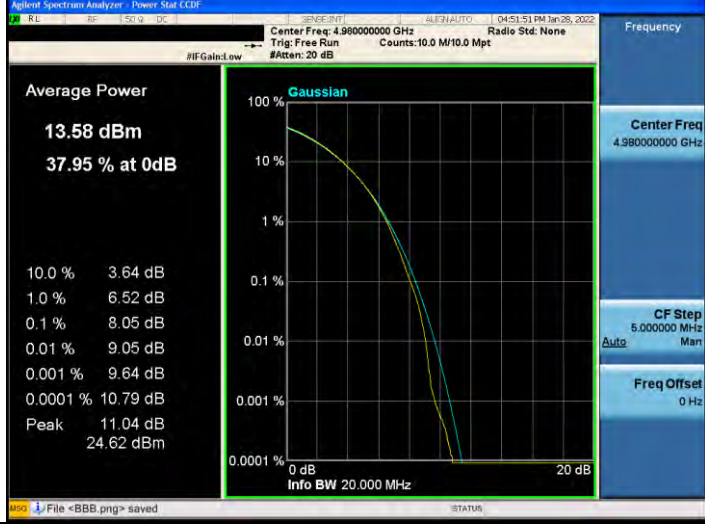
Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-1

4950 MHz	 Average Power 11.44 dBm 37.03 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.65 dB</td></tr> <tr><td>1.0 %</td><td>6.69 dB</td></tr> <tr><td>0.1 %</td><td>8.57 dB</td></tr> <tr><td>0.01 %</td><td>10.34 dB</td></tr> <tr><td>0.001 %</td><td>11.09 dB</td></tr> <tr><td>0.0001 %</td><td>11.68 dB</td></tr> <tr><td>Peak</td><td>11.74 dB</td></tr> <tr><td></td><td>23.18 dBm</td></tr> </table> Center Freq: 4.950000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.950000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 20.000 MHz	10.0 %	3.65 dB	1.0 %	6.69 dB	0.1 %	8.57 dB	0.01 %	10.34 dB	0.001 %	11.09 dB	0.0001 %	11.68 dB	Peak	11.74 dB		23.18 dBm
10.0 %	3.65 dB																
1.0 %	6.69 dB																
0.1 %	8.57 dB																
0.01 %	10.34 dB																
0.001 %	11.09 dB																
0.0001 %	11.68 dB																
Peak	11.74 dB																
	23.18 dBm																
4965 MHz	 Average Power 4.66 dBm 38.03 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.63 dB</td></tr> <tr><td>1.0 %</td><td>6.34 dB</td></tr> <tr><td>0.1 %</td><td>8.15 dB</td></tr> <tr><td>0.01 %</td><td>9.26 dB</td></tr> <tr><td>0.001 %</td><td>10.23 dB</td></tr> <tr><td>0.0001 %</td><td>11.08 dB</td></tr> <tr><td>Peak</td><td>11.89 dB</td></tr> <tr><td></td><td>16.55 dBm</td></tr> </table> Center Freq: 4.950000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.950000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 20.000 MHz	10.0 %	3.63 dB	1.0 %	6.34 dB	0.1 %	8.15 dB	0.01 %	9.26 dB	0.001 %	10.23 dB	0.0001 %	11.08 dB	Peak	11.89 dB		16.55 dBm
10.0 %	3.63 dB																
1.0 %	6.34 dB																
0.1 %	8.15 dB																
0.01 %	9.26 dB																
0.001 %	10.23 dB																
0.0001 %	11.08 dB																
Peak	11.89 dB																
	16.55 dBm																
4980 MHz	 Average Power 12.71 dBm 37.29 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.64 dB</td></tr> <tr><td>1.0 %</td><td>6.62 dB</td></tr> <tr><td>0.1 %</td><td>8.47 dB</td></tr> <tr><td>0.01 %</td><td>10.33 dB</td></tr> <tr><td>0.001 %</td><td>11.10 dB</td></tr> <tr><td>0.0001 %</td><td>11.26 dB</td></tr> <tr><td>Peak</td><td>11.33 dB</td></tr> <tr><td></td><td>24.04 dBm</td></tr> </table> Center Freq: 4.980000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.980000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 20.000 MHz	10.0 %	3.64 dB	1.0 %	6.62 dB	0.1 %	8.47 dB	0.01 %	10.33 dB	0.001 %	11.10 dB	0.0001 %	11.26 dB	Peak	11.33 dB		24.04 dBm
10.0 %	3.64 dB																
1.0 %	6.62 dB																
0.1 %	8.47 dB																
0.01 %	10.33 dB																
0.001 %	11.10 dB																
0.0001 %	11.26 dB																
Peak	11.33 dB																
	24.04 dBm																

Mode 10: MIMO_5 MHz Continuous TX mode_ANT-1

4942.5 MHz	 Average Power 6.43 dBm 36.91 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.63 dB</td></tr> <tr><td>1.0 %</td><td>6.70 dB</td></tr> <tr><td>0.1 %</td><td>8.61 dB</td></tr> <tr><td>0.01 %</td><td>10.32 dB</td></tr> <tr><td>0.001 %</td><td>11.10 dB</td></tr> <tr><td>0.0001 %</td><td>11.22 dB</td></tr> <tr><td>Peak</td><td>11.37 dB</td></tr> <tr><td></td><td>17.80 dBm</td></tr> </table> Center Freq: 4.94250000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.94250000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 5.0000 MHz	10.0 %	3.63 dB	1.0 %	6.70 dB	0.1 %	8.61 dB	0.01 %	10.32 dB	0.001 %	11.10 dB	0.0001 %	11.22 dB	Peak	11.37 dB		17.80 dBm
10.0 %	3.63 dB																
1.0 %	6.70 dB																
0.1 %	8.61 dB																
0.01 %	10.32 dB																
0.001 %	11.10 dB																
0.0001 %	11.22 dB																
Peak	11.37 dB																
	17.80 dBm																
4967.5 MHz	 Average Power 5.98 dBm 36.91 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.62 dB</td></tr> <tr><td>1.0 %</td><td>6.69 dB</td></tr> <tr><td>0.1 %</td><td>8.60 dB</td></tr> <tr><td>0.01 %</td><td>10.33 dB</td></tr> <tr><td>0.001 %</td><td>11.09 dB</td></tr> <tr><td>0.0001 %</td><td>11.32 dB</td></tr> <tr><td>Peak</td><td>11.76 dB</td></tr> <tr><td></td><td>17.74 dBm</td></tr> </table> Center Freq: 4.96750000 GHz Trig: Free Run Counts: 7.75 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.96750000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 5.0000 MHz	10.0 %	3.62 dB	1.0 %	6.69 dB	0.1 %	8.60 dB	0.01 %	10.33 dB	0.001 %	11.09 dB	0.0001 %	11.32 dB	Peak	11.76 dB		17.74 dBm
10.0 %	3.62 dB																
1.0 %	6.69 dB																
0.1 %	8.60 dB																
0.01 %	10.33 dB																
0.001 %	11.09 dB																
0.0001 %	11.32 dB																
Peak	11.76 dB																
	17.74 dBm																
4987.5 MHz	 Average Power 7.26 dBm 37.01 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.63 dB</td></tr> <tr><td>1.0 %</td><td>6.68 dB</td></tr> <tr><td>0.1 %</td><td>8.56 dB</td></tr> <tr><td>0.01 %</td><td>10.26 dB</td></tr> <tr><td>0.001 %</td><td>11.00 dB</td></tr> <tr><td>0.0001 %</td><td>11.31 dB</td></tr> <tr><td>Peak</td><td>11.65 dB</td></tr> <tr><td></td><td>18.91 dBm</td></tr> </table> Center Freq: 4.98750000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 20 dB Frequency Center Freq 4.98750000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 5.0000 MHz	10.0 %	3.63 dB	1.0 %	6.68 dB	0.1 %	8.56 dB	0.01 %	10.26 dB	0.001 %	11.00 dB	0.0001 %	11.31 dB	Peak	11.65 dB		18.91 dBm
10.0 %	3.63 dB																
1.0 %	6.68 dB																
0.1 %	8.56 dB																
0.01 %	10.26 dB																
0.001 %	11.00 dB																
0.0001 %	11.31 dB																
Peak	11.65 dB																
	18.91 dBm																



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

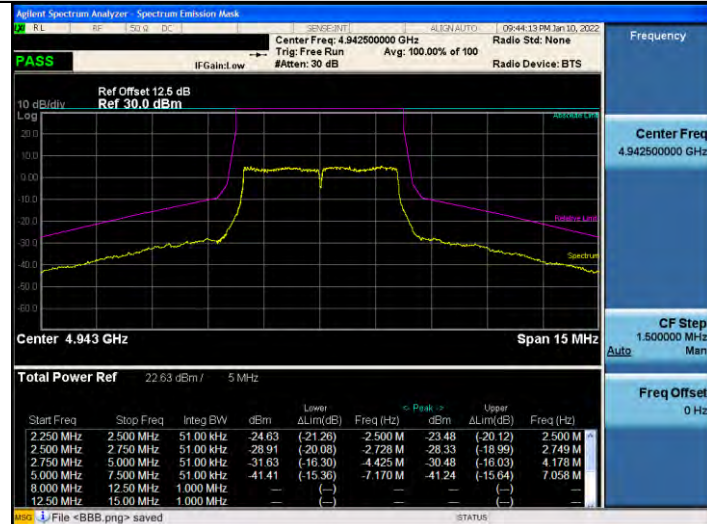
3.5. Channel Mask

Omni-directional Antenna

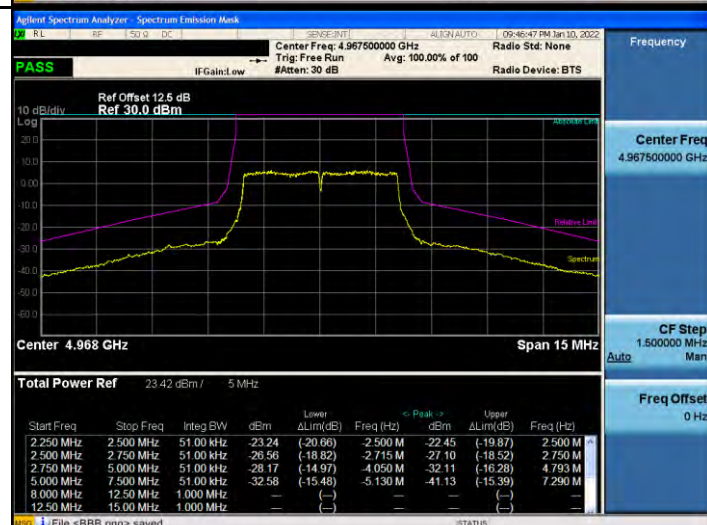
Test Graphs

Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-0

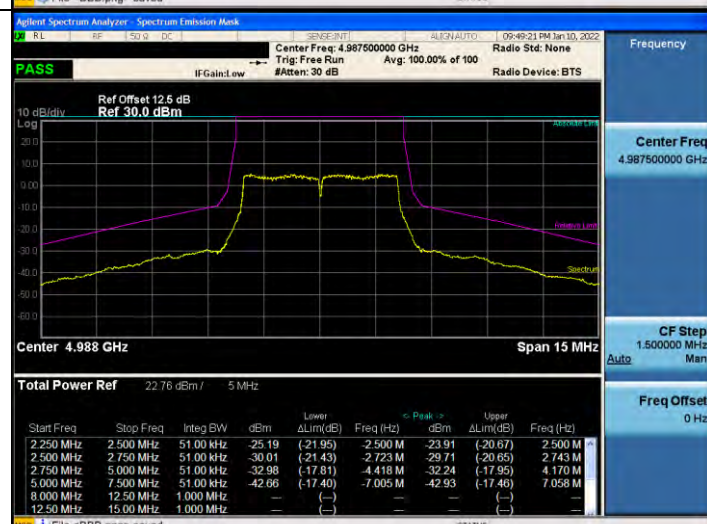
4942.5 MHz



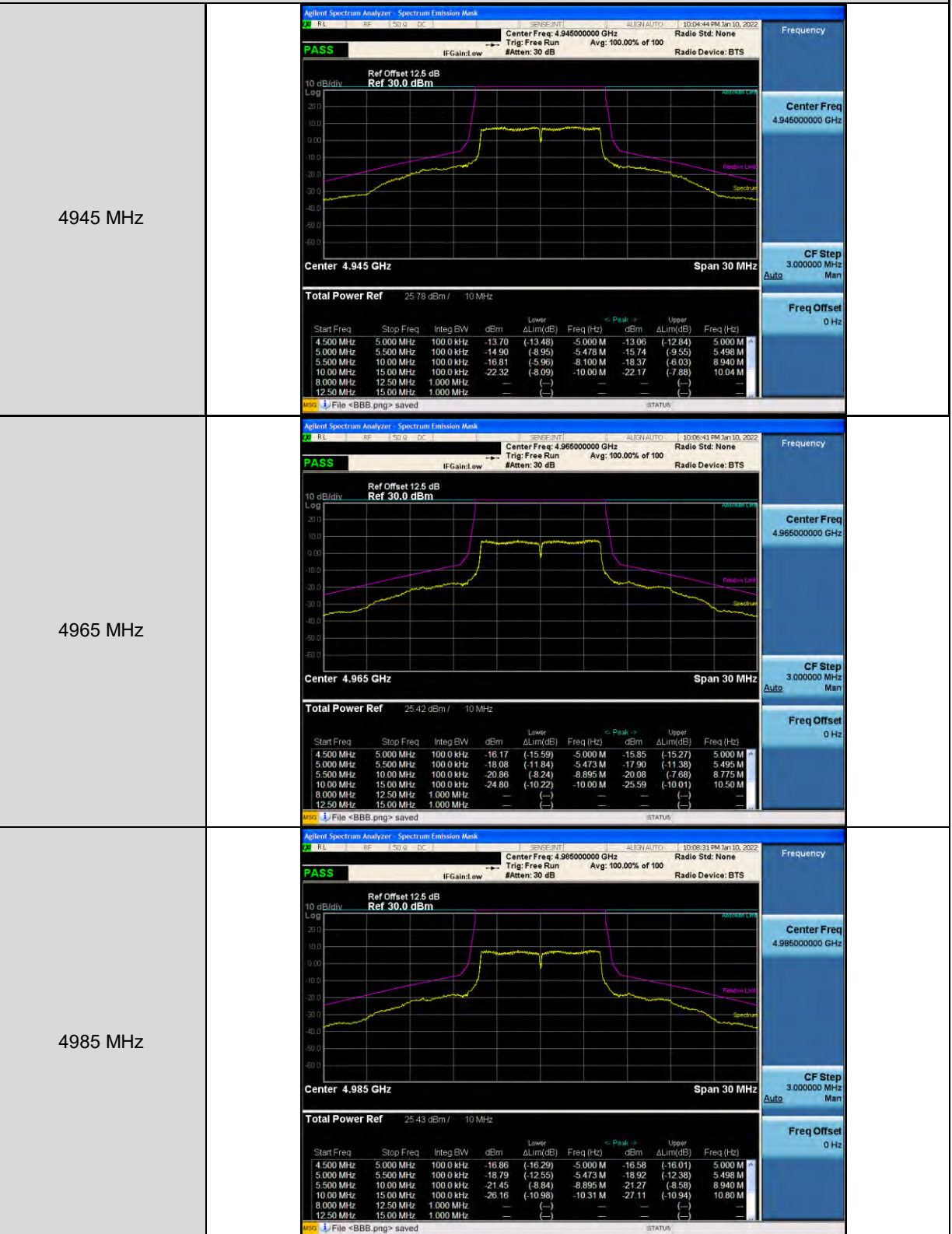
4967.5 MHz

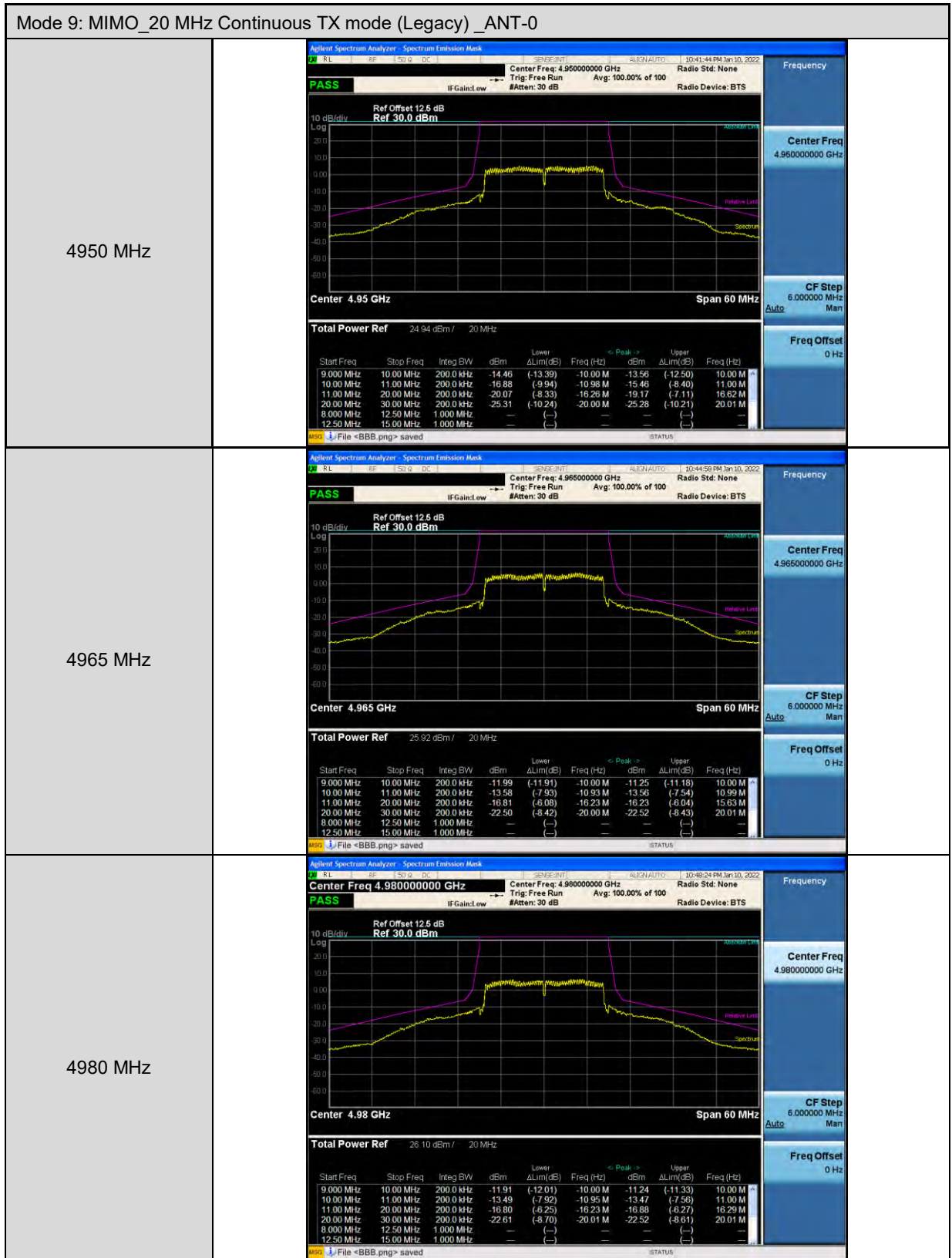


4987.5 MHz



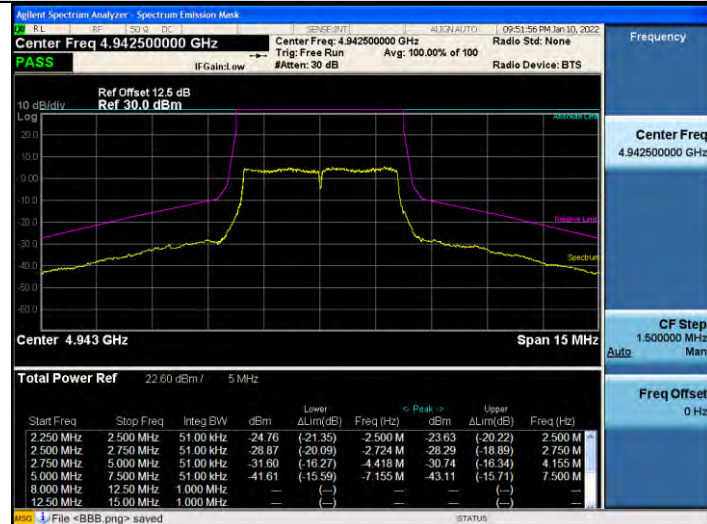
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0





Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0

4942.5 MHz

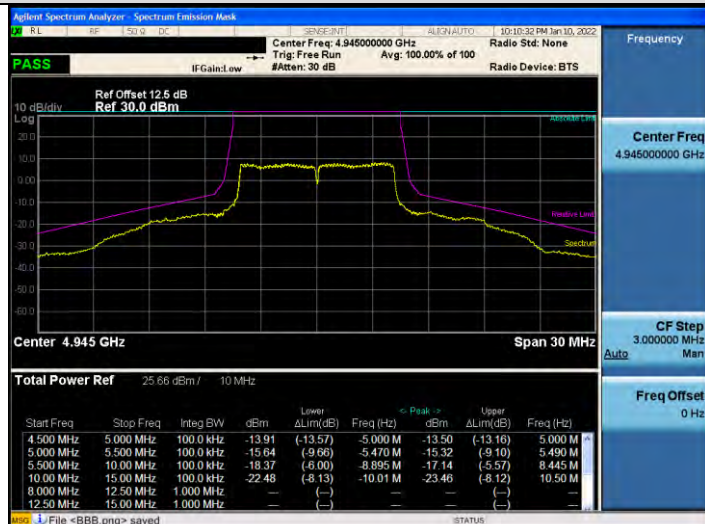


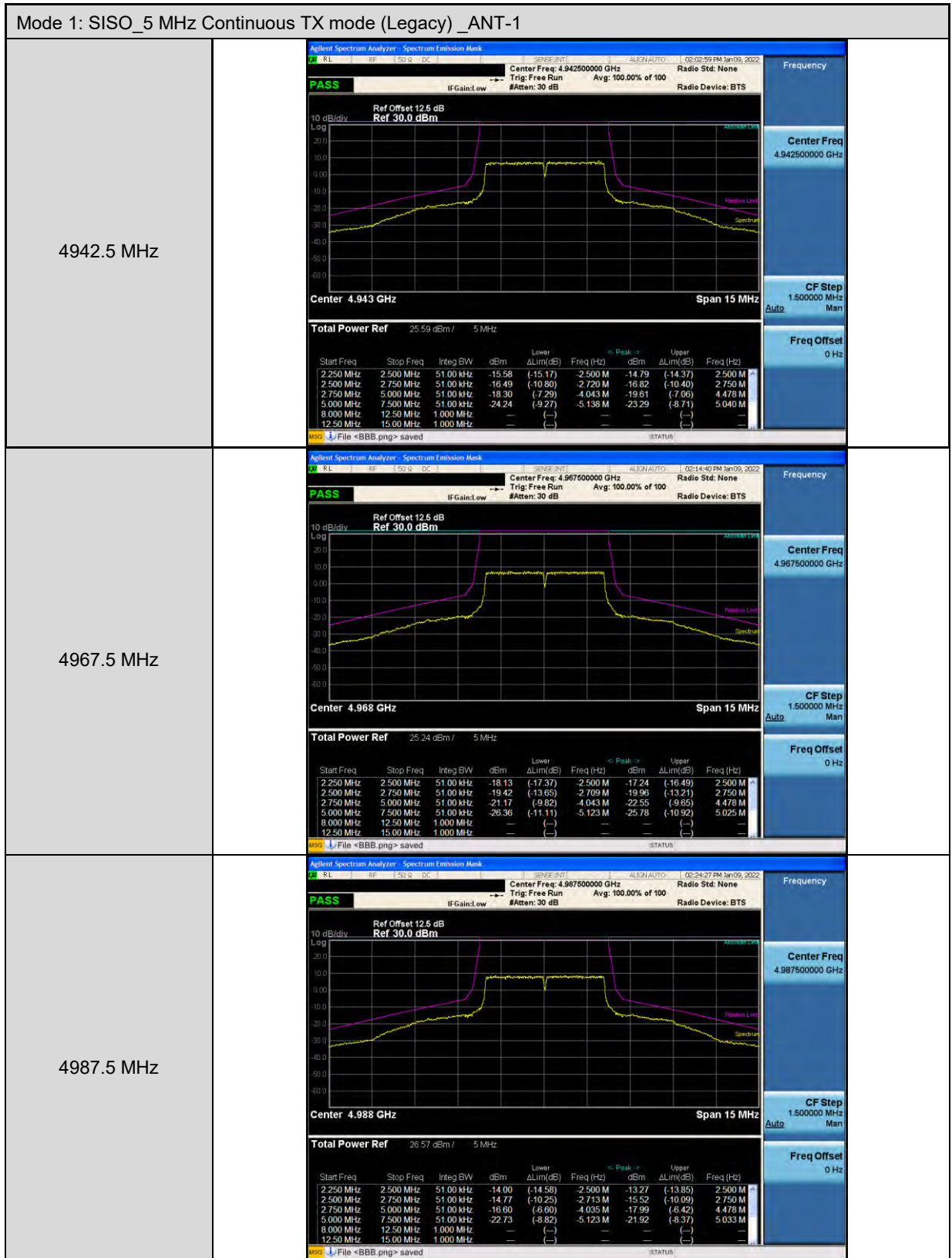
4967.5 MHz

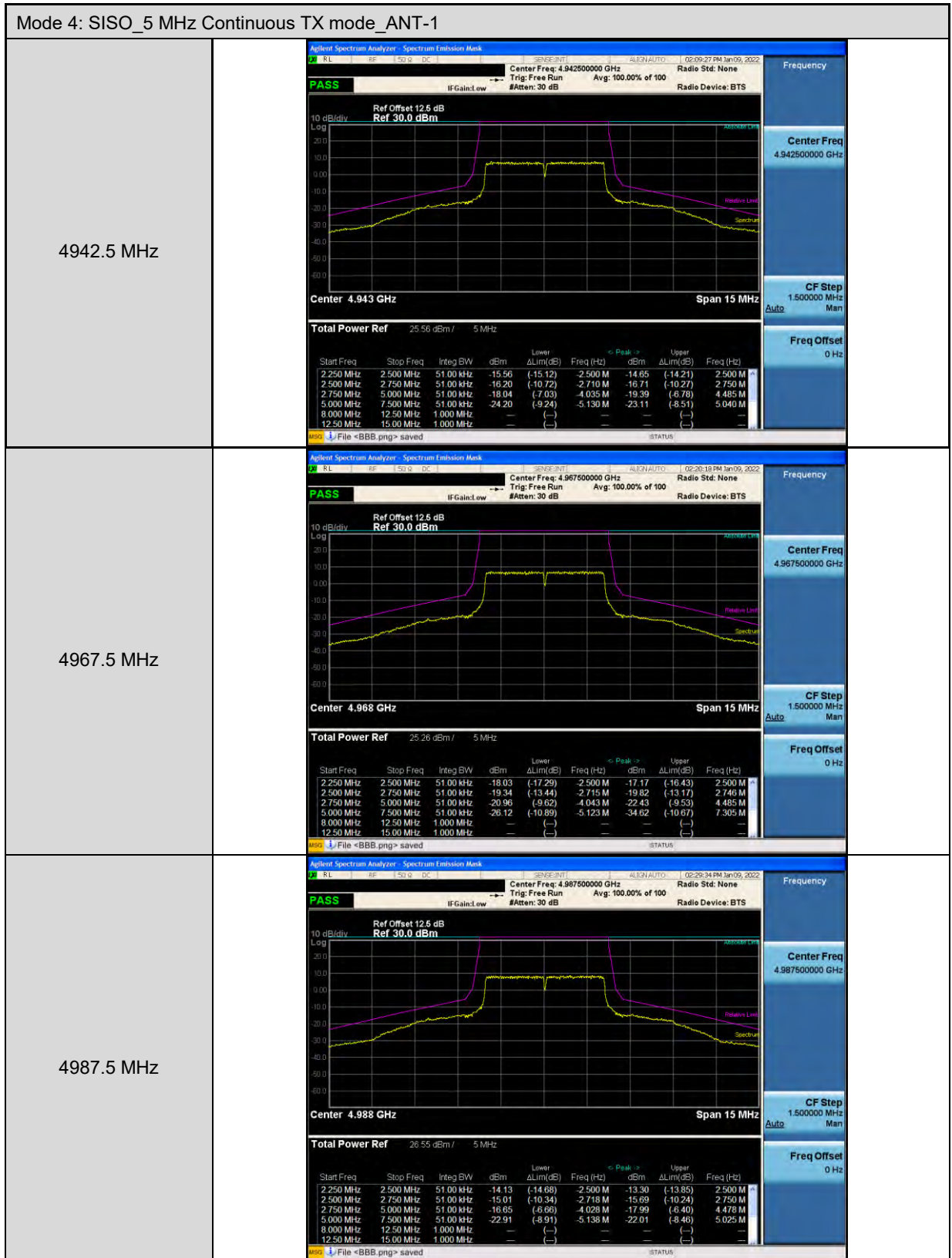


4987.5 MHz



Mode 11: MIMO_10 MHz Continuous TX mode_ANT-0		
4945 MHz		Frequency Center Freq 4.945000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.965000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz		Frequency Center Freq 4.985000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz

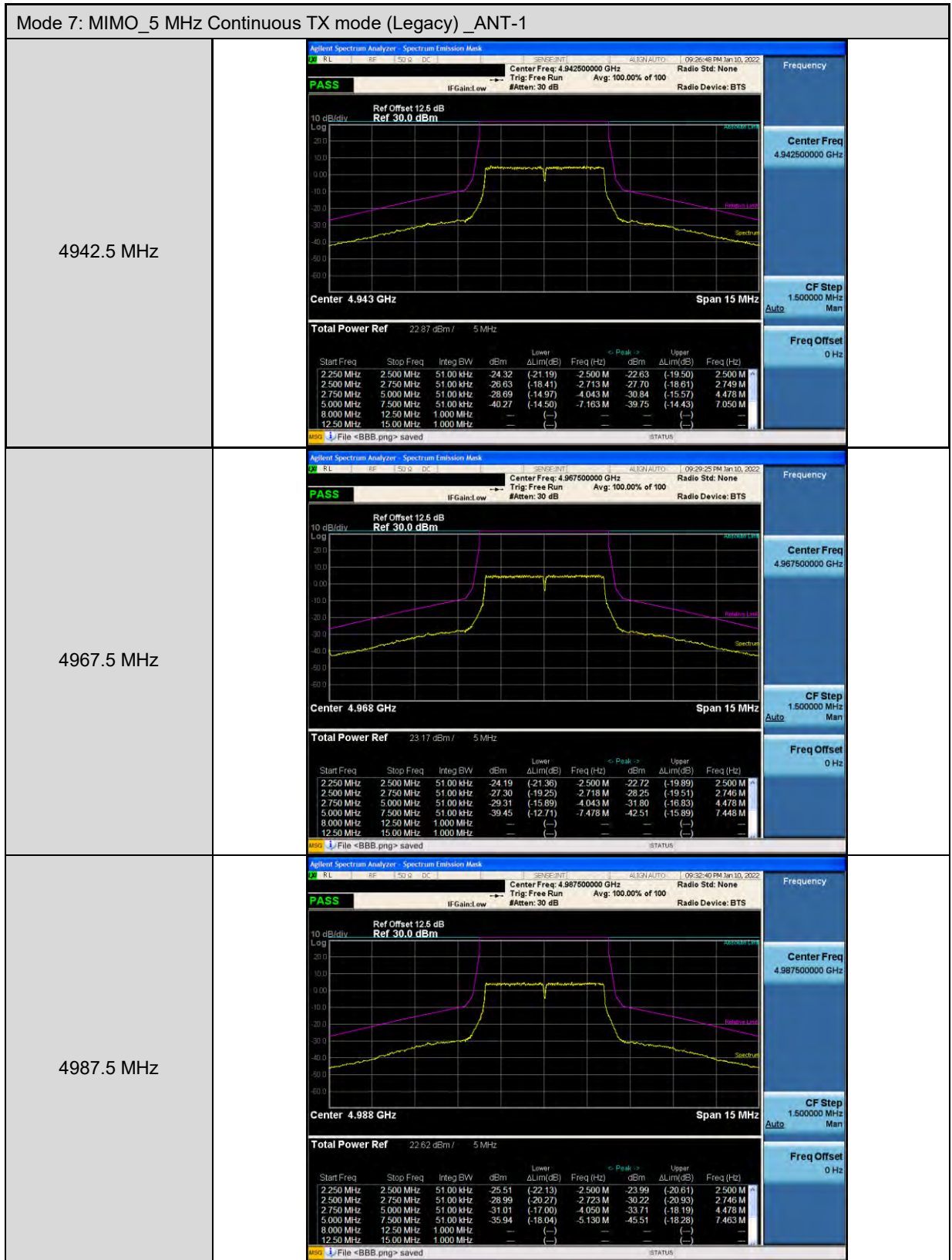




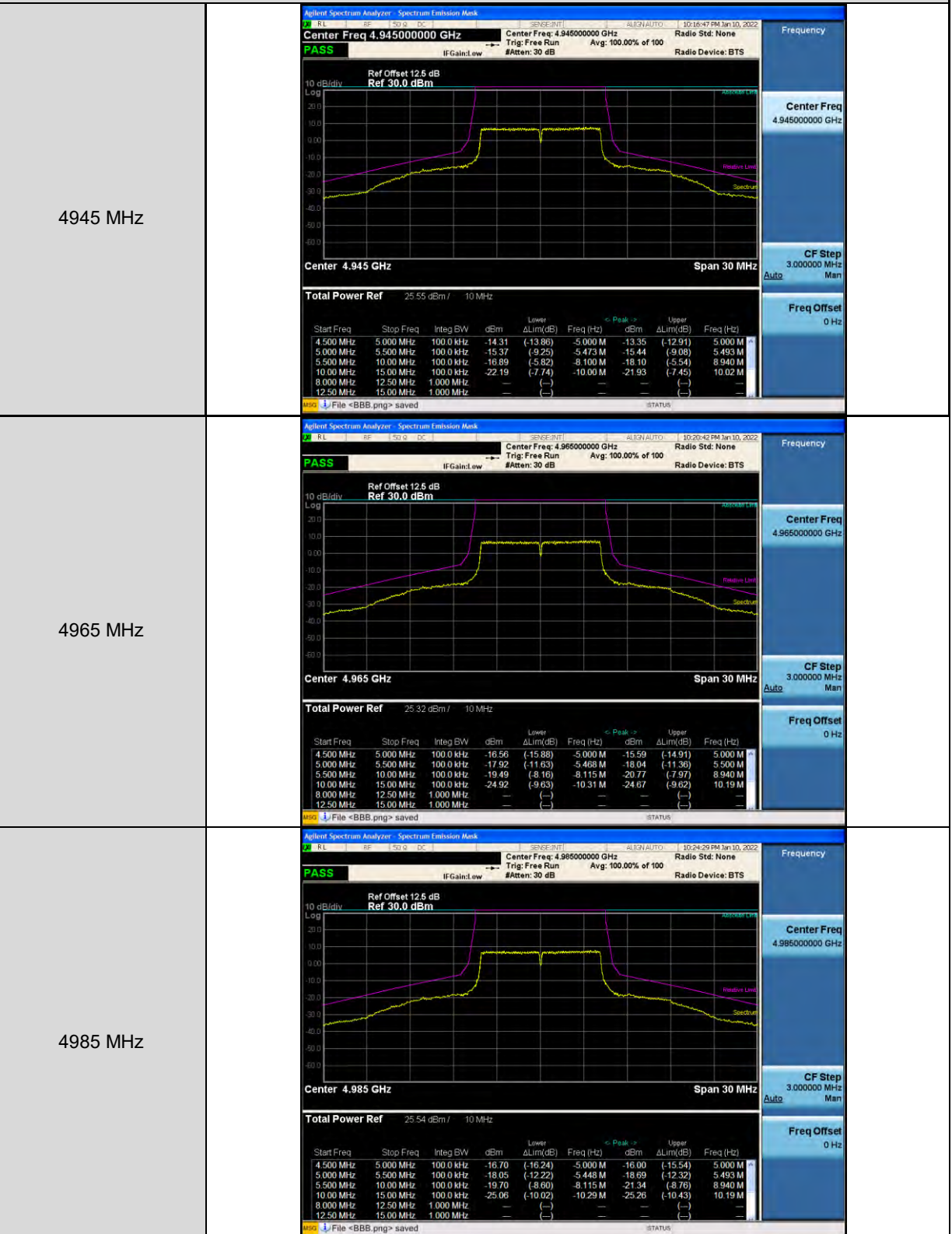
Mode 5: SISO_10 MHz Continuous TX mode_ANT-1		
4945 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask BL RF 150.0 DC REF FREE INT ALIGN AUTO 04:27:20 PM Jan 09, 2022 PASS IF Gain: Low Center Freq: 4.945000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 12.6 dB Ref 30.0 dBm 10 dB/div Log </	

Mode 6: SISO_20 MHz Continuous TX mode_ANT-1

4950 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask 2.1 RL RF 1.50 GHz DC SENSE:INT ALGN: AUTO 04:49:03 PM Jan 09, 2022 Center Freq: 4.950000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None PASS IF Gain: low #Atten: 30 dB Radio Device: BTS Ref Offset 12.6 dB Ref 30.0 dBm 10 dB/div Log 20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 Mask 20.000 MHz 10.000 MHz 0.000 MHz 20.000 MHz 10.000 MHz 0.00
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Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-1

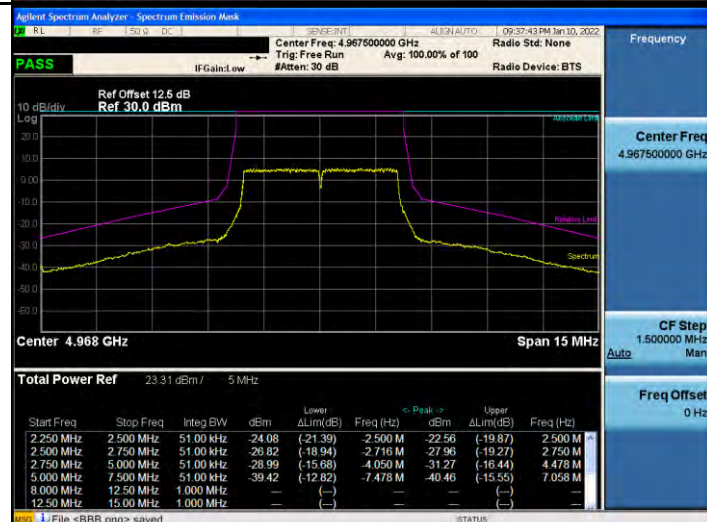


Mode 10: MIMO_5 MHz Continuous TX mode_ANT-1

4942.5 MHz

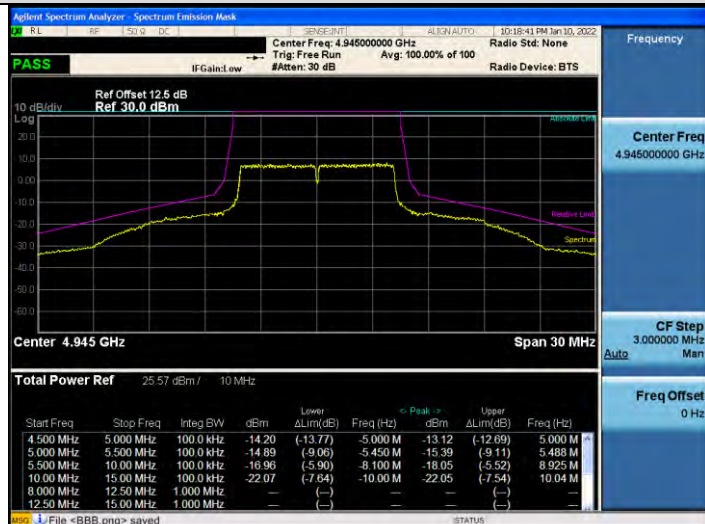
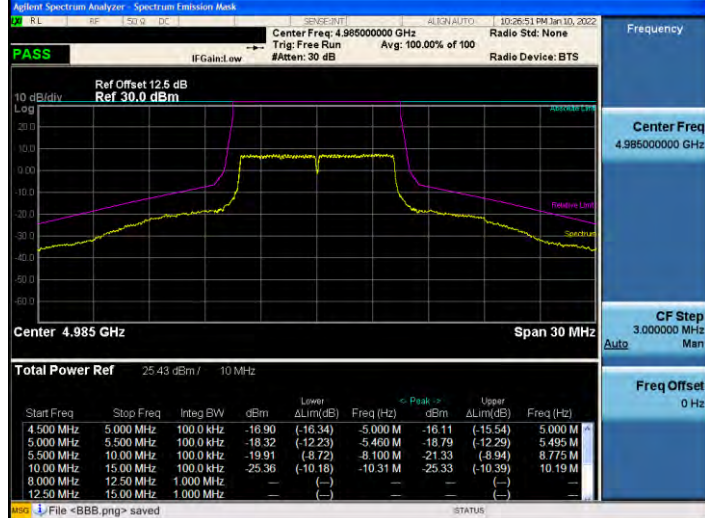


4967.5 MHz



4987.5 MHz



Mode 11: MIMO_10 MHz Continuous TX mode_ANT-1		
4945 MHz		Frequency Center Freq 4.945000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.965000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz		Frequency Center Freq 4.985000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz

Mode 12: MIMO_20 MHz Continuous TX mode_ANT-1

