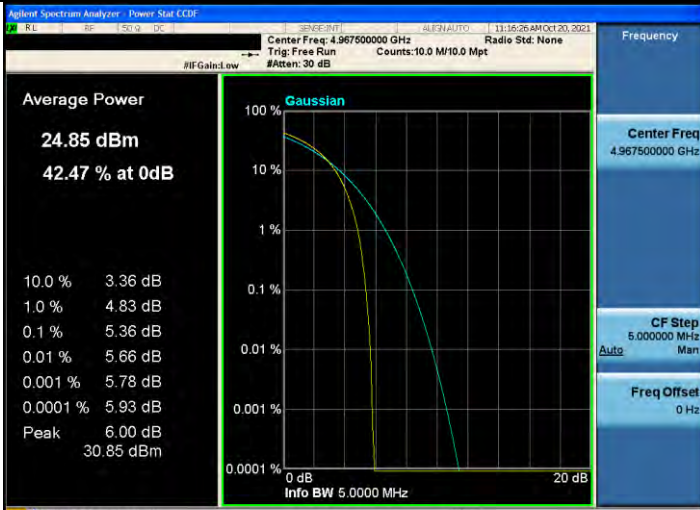


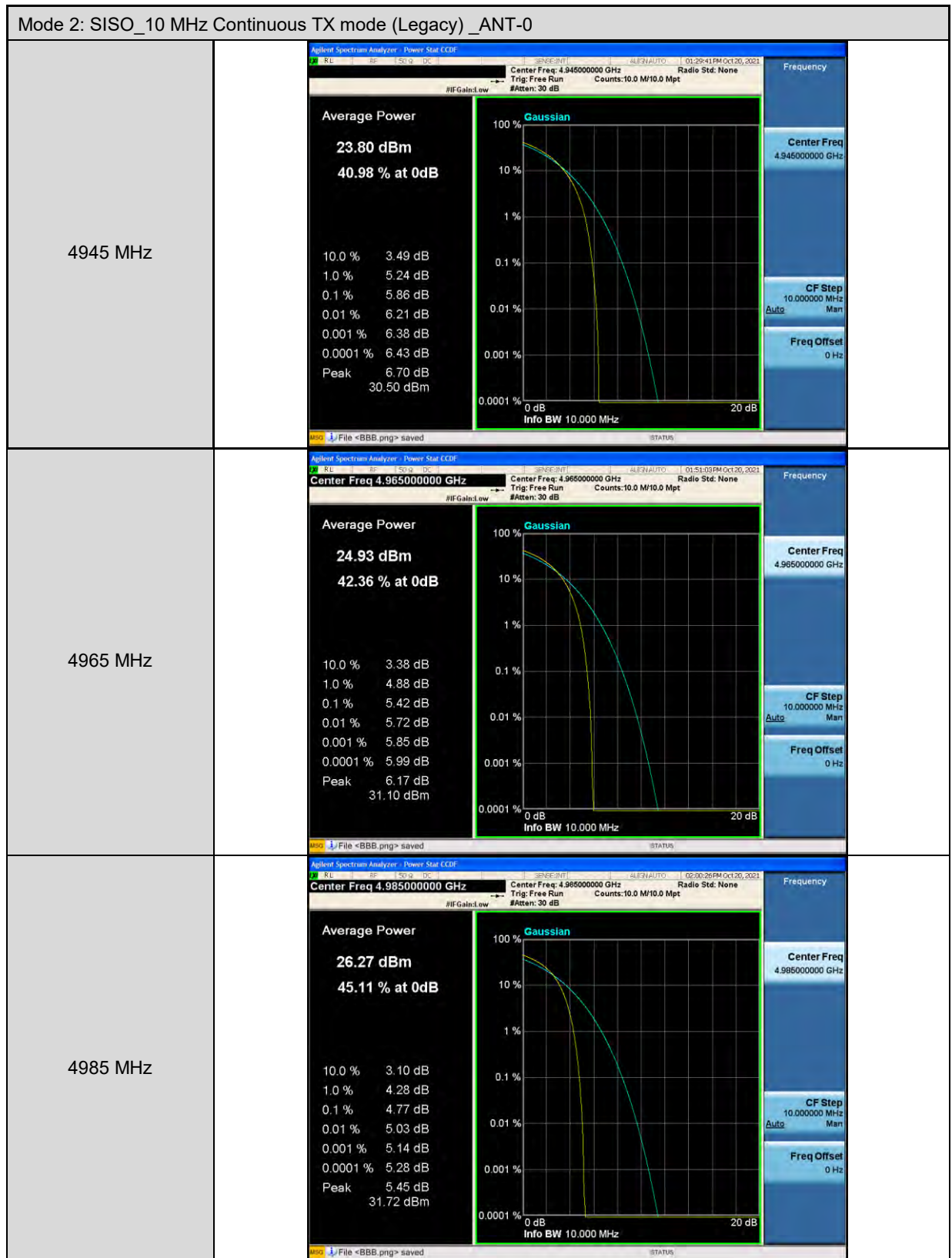
3.4. Peak Excursion

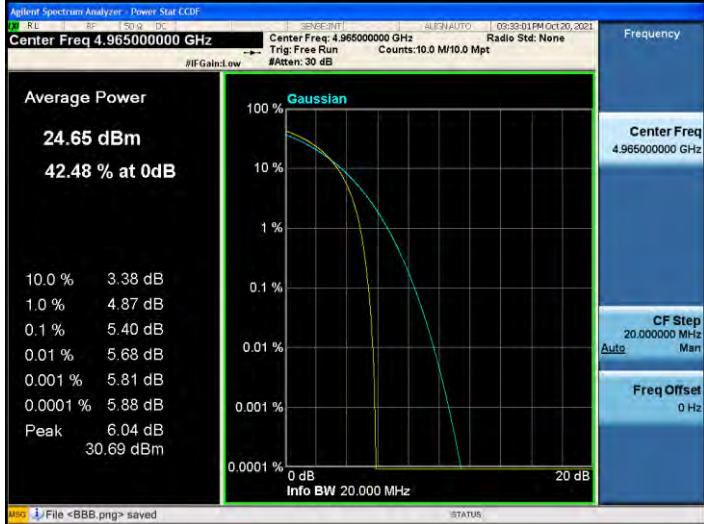
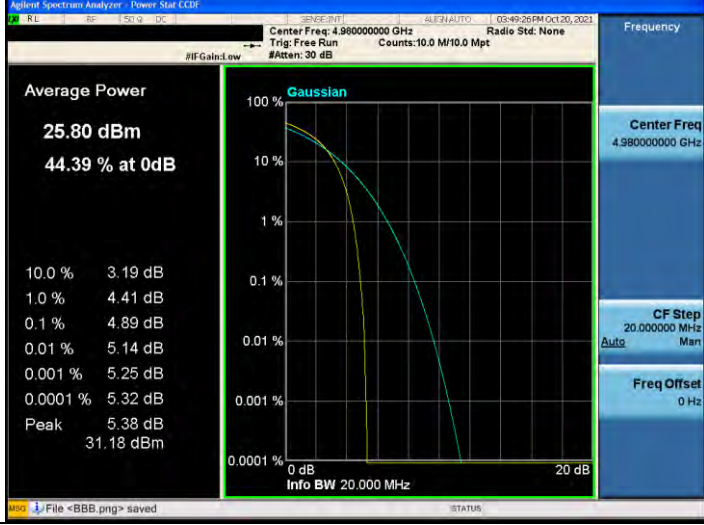
Test Mode	Frequency (MHz)	ANT-0	Limit (dB)
Mode 1	4942.5	5.890	≤ 13.00
	4967.5	5.360	
	4987.5	4.780	
Mode 2	4945.0	5.860	
	4965.0	5.420	
	4985.0	4.770	
Mode 3	4950.0	5.780	
	4965.0	5.400	
	4980.0	4.890	
Mode 4	4942.5	5.840	
	4967.5	6.160	
	4987.5	5.810	
Mode 5	4945.0	5.530	
	4965.0	6.170	
	4985.0	5.820	
Mode 6	4950.0	5.790	
	4965.0	5.450	
	4980.0	4.980	

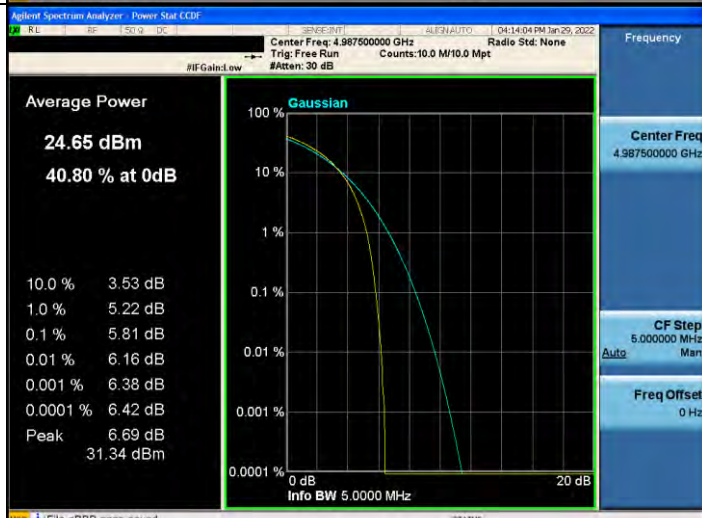
Test Mode	Frequency (MHz)	ANT-0	ANT-1	Limit (dB)
Mode 7	4942.5	6.540	6.790	≤ 13.00
	4967.5	6.040	6.280	
	4987.5	5.810	6.830	
Mode 8	4945.0	6.390	6.610	
	4965.0	4.780	5.720	
	4985.0	5.550	6.290	
Mode 9	4950.0	6.180	6.790	
	4965.0	6.060	6.410	
	4980.0	5.550	5.980	
Mode 10	4942.5	6.350	7.310	
	4967.5	6.590	7.170	
	4987.5	6.290	7.030	
Mode 11	4945.0	6.010	6.890	
	4965.0	5.610	6.720	
	4985.0	6.310	7.020	
Mode 12	4950.0	5.030	6.380	
	4965.0	6.050	6.380	
	4980.0	5.520	5.910	

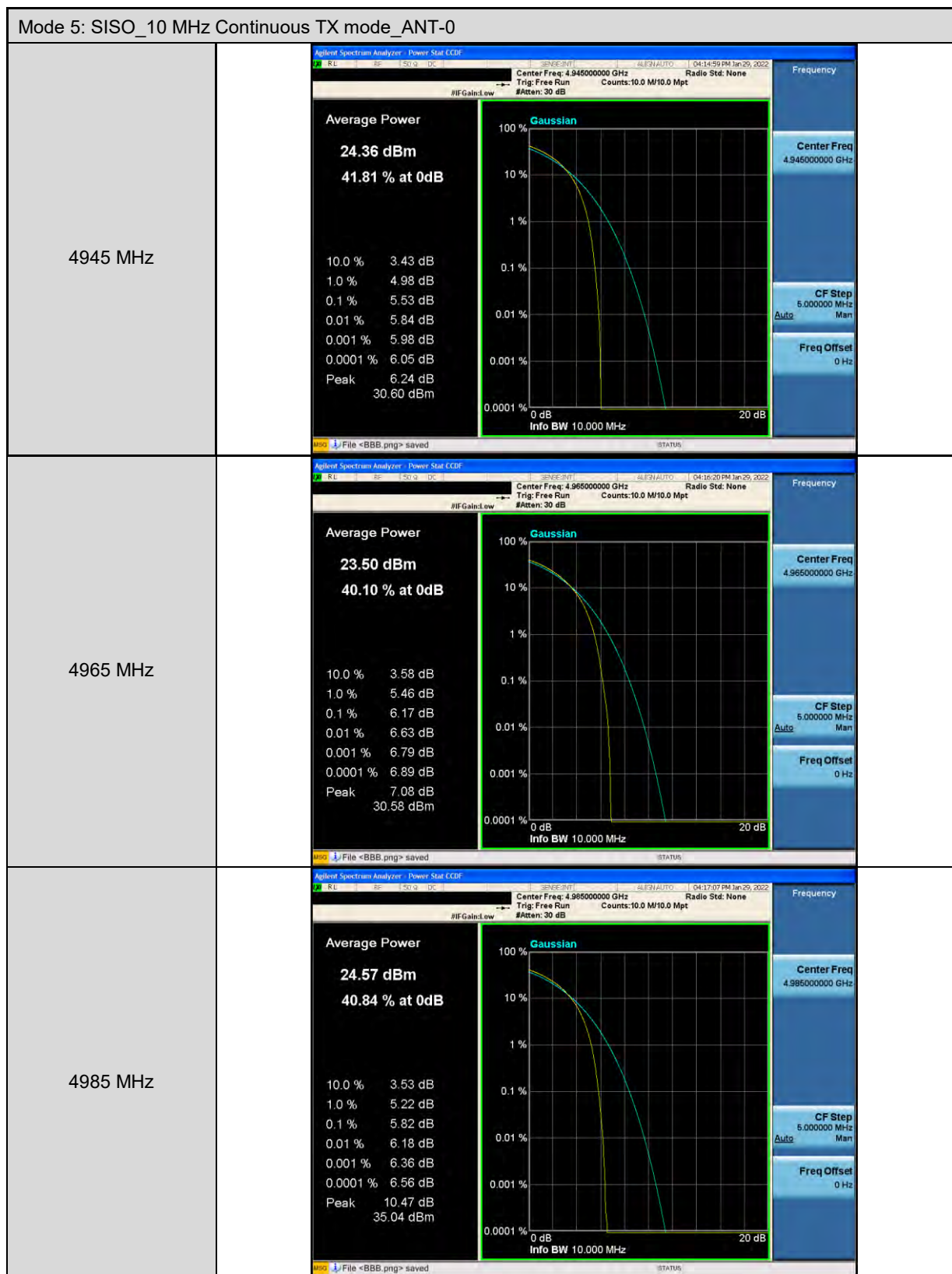
Test Graphs

Mode 1: SISO_5 MHz Continuous TX mode (Legacy) _ANT-0																	
4942.5 MHz	 Average Power 23.49 dBm 40.85 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.50 dB</td></tr> <tr><td>1.0 %</td><td>5.28 dB</td></tr> <tr><td>0.1 %</td><td>5.89 dB</td></tr> <tr><td>0.01 %</td><td>6.24 dB</td></tr> <tr><td>0.001 %</td><td>6.43 dB</td></tr> <tr><td>0.0001 %</td><td>6.48 dB</td></tr> <tr><td>Peak</td><td>6.68 dB</td></tr> <tr><td></td><td>30.17 dBm</td></tr> </table> Center Freq: 4.94250000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 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 %	3.50 dB	1.0 %	5.28 dB	0.1 %	5.89 dB	0.01 %	6.24 dB	0.001 %	6.43 dB	0.0001 %	6.48 dB	Peak	6.68 dB		30.17 dBm
10.0 %	3.50 dB																
1.0 %	5.28 dB																
0.1 %	5.89 dB																
0.01 %	6.24 dB																
0.001 %	6.43 dB																
0.0001 %	6.48 dB																
Peak	6.68 dB																
	30.17 dBm																
4967.5 MHz	 Average Power 24.85 dBm 42.47 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.36 dB</td></tr> <tr><td>1.0 %</td><td>4.83 dB</td></tr> <tr><td>0.1 %</td><td>5.36 dB</td></tr> <tr><td>0.01 %</td><td>5.66 dB</td></tr> <tr><td>0.001 %</td><td>5.78 dB</td></tr> <tr><td>0.0001 %</td><td>5.93 dB</td></tr> <tr><td>Peak</td><td>6.00 dB</td></tr> <tr><td></td><td>30.85 dBm</td></tr> </table> Center Freq: 4.96750000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 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 %	3.36 dB	1.0 %	4.83 dB	0.1 %	5.36 dB	0.01 %	5.66 dB	0.001 %	5.78 dB	0.0001 %	5.93 dB	Peak	6.00 dB		30.85 dBm
10.0 %	3.36 dB																
1.0 %	4.83 dB																
0.1 %	5.36 dB																
0.01 %	5.66 dB																
0.001 %	5.78 dB																
0.0001 %	5.93 dB																
Peak	6.00 dB																
	30.85 dBm																
4987.5 MHz	 Average Power 26.11 dBm 45.02 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.11 dB</td></tr> <tr><td>1.0 %</td><td>4.29 dB</td></tr> <tr><td>0.1 %</td><td>4.78 dB</td></tr> <tr><td>0.01 %</td><td>5.03 dB</td></tr> <tr><td>0.001 %</td><td>5.14 dB</td></tr> <tr><td>0.0001 %</td><td>5.31 dB</td></tr> <tr><td>Peak</td><td>5.39 dB</td></tr> <tr><td></td><td>31.50 dBm</td></tr> </table> Center Freq: 4.98750000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 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 %	3.11 dB	1.0 %	4.29 dB	0.1 %	4.78 dB	0.01 %	5.03 dB	0.001 %	5.14 dB	0.0001 %	5.31 dB	Peak	5.39 dB		31.50 dBm
10.0 %	3.11 dB																
1.0 %	4.29 dB																
0.1 %	4.78 dB																
0.01 %	5.03 dB																
0.001 %	5.14 dB																
0.0001 %	5.31 dB																
Peak	5.39 dB																
	31.50 dBm																

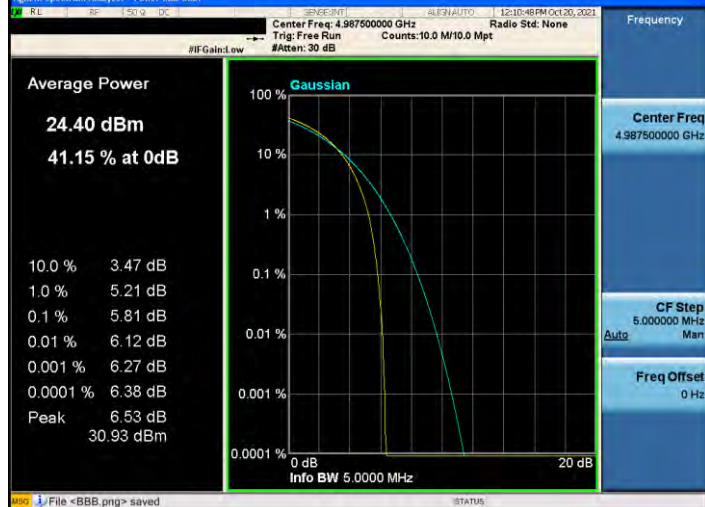


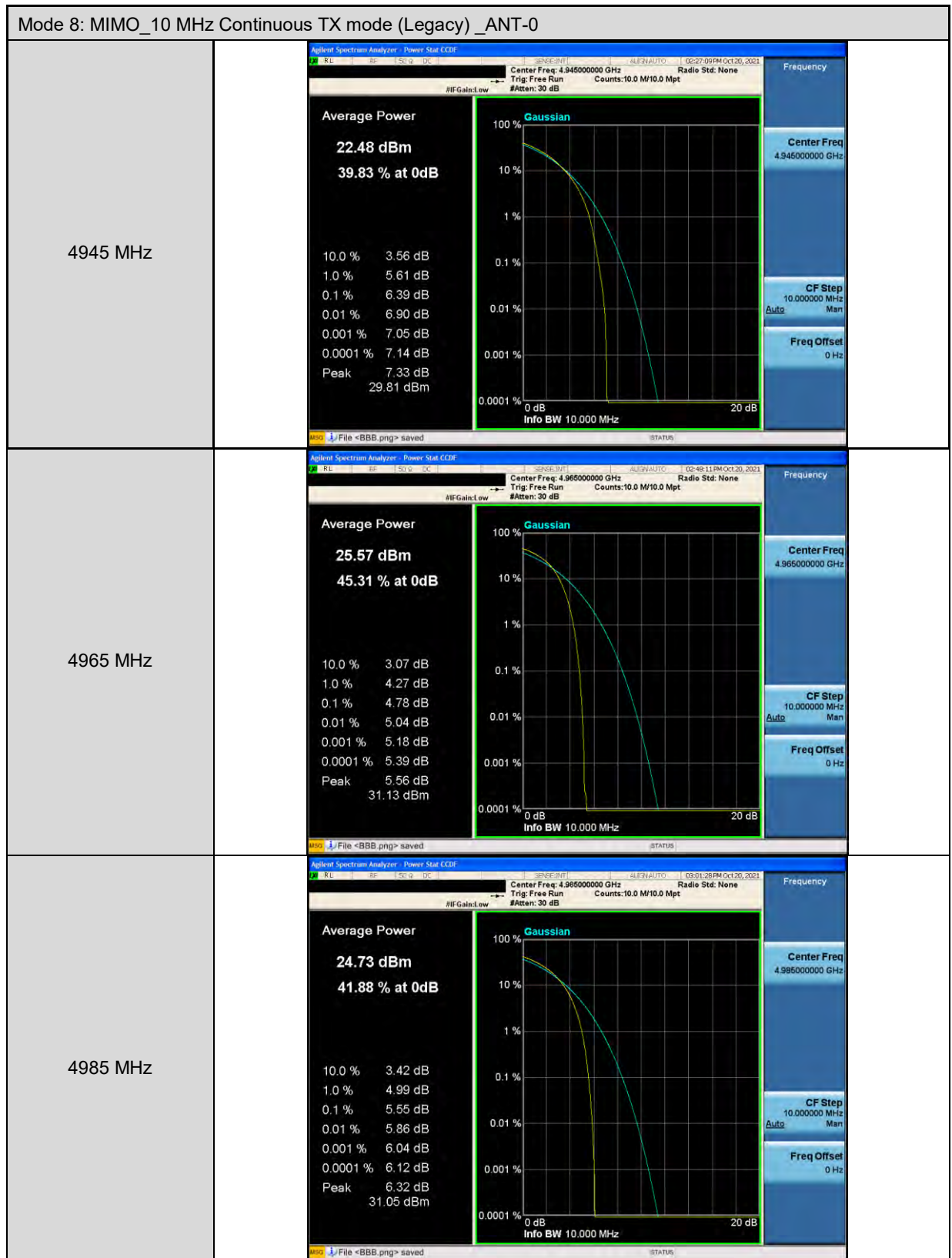
Mode 3: SISO_20 MHz Continuous TX mode (Legacy)_ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

Mode 4: SISO_5 MHz Continuous TX mode_ANT-0																		
4942.5 MHz	 Average Power 23.80 dBm 40.91 % at 0dB <table><tr><td>10.0 %</td><td>3.50 dB</td></tr><tr><td>1.0 %</td><td>5.24 dB</td></tr><tr><td>0.1 %</td><td>5.84 dB</td></tr><tr><td>0.01 %</td><td>6.17 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>6.61 dB</td></tr><tr><td></td><td>30.41 dBm</td></tr></table> Center Freq: 4.942500000 GHz Trig: Free Run #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 %	3.50 dB	1.0 %	5.24 dB	0.1 %	5.84 dB	0.01 %	6.17 dB	0.001 %	6.35 dB	0.0001 %	6.48 dB	Peak	6.61 dB		30.41 dBm	
10.0 %	3.50 dB																	
1.0 %	5.24 dB																	
0.1 %	5.84 dB																	
0.01 %	6.17 dB																	
0.001 %	6.35 dB																	
0.0001 %	6.48 dB																	
Peak	6.61 dB																	
	30.41 dBm																	
4967.5 MHz	 Average Power 23.62 dBm 39.96 % at 0dB <table><tr><td>10.0 %</td><td>3.58 dB</td></tr><tr><td>1.0 %</td><td>5.48 dB</td></tr><tr><td>0.1 %</td><td>6.16 dB</td></tr><tr><td>0.01 %</td><td>6.60 dB</td></tr><tr><td>0.001 %</td><td>6.79 dB</td></tr><tr><td>0.0001 %</td><td>6.86 dB</td></tr><tr><td>Peak</td><td>7.17 dB</td></tr><tr><td></td><td>30.79 dBm</td></tr></table> Center Freq: 4.967500000 GHz Trig: Free Run #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 %	3.58 dB	1.0 %	5.48 dB	0.1 %	6.16 dB	0.01 %	6.60 dB	0.001 %	6.79 dB	0.0001 %	6.86 dB	Peak	7.17 dB		30.79 dBm	
10.0 %	3.58 dB																	
1.0 %	5.48 dB																	
0.1 %	6.16 dB																	
0.01 %	6.60 dB																	
0.001 %	6.79 dB																	
0.0001 %	6.86 dB																	
Peak	7.17 dB																	
	30.79 dBm																	
4987.5 MHz	 Average Power 24.65 dBm 40.80 % at 0dB <table><tr><td>10.0 %</td><td>3.53 dB</td></tr><tr><td>1.0 %</td><td>5.22 dB</td></tr><tr><td>0.1 %</td><td>5.81 dB</td></tr><tr><td>0.01 %</td><td>6.16 dB</td></tr><tr><td>0.001 %</td><td>6.38 dB</td></tr><tr><td>0.0001 %</td><td>6.42 dB</td></tr><tr><td>Peak</td><td>6.69 dB</td></tr><tr><td></td><td>31.34 dBm</td></tr></table> Center Freq: 4.987500000 GHz Trig: Free Run #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 %	3.53 dB	1.0 %	5.22 dB	0.1 %	5.81 dB	0.01 %	6.16 dB	0.001 %	6.38 dB	0.0001 %	6.42 dB	Peak	6.69 dB		31.34 dBm	
10.0 %	3.53 dB																	
1.0 %	5.22 dB																	
0.1 %	5.81 dB																	
0.01 %	6.16 dB																	
0.001 %	6.38 dB																	
0.0001 %	6.42 dB																	
Peak	6.69 dB																	
	31.34 dBm																	



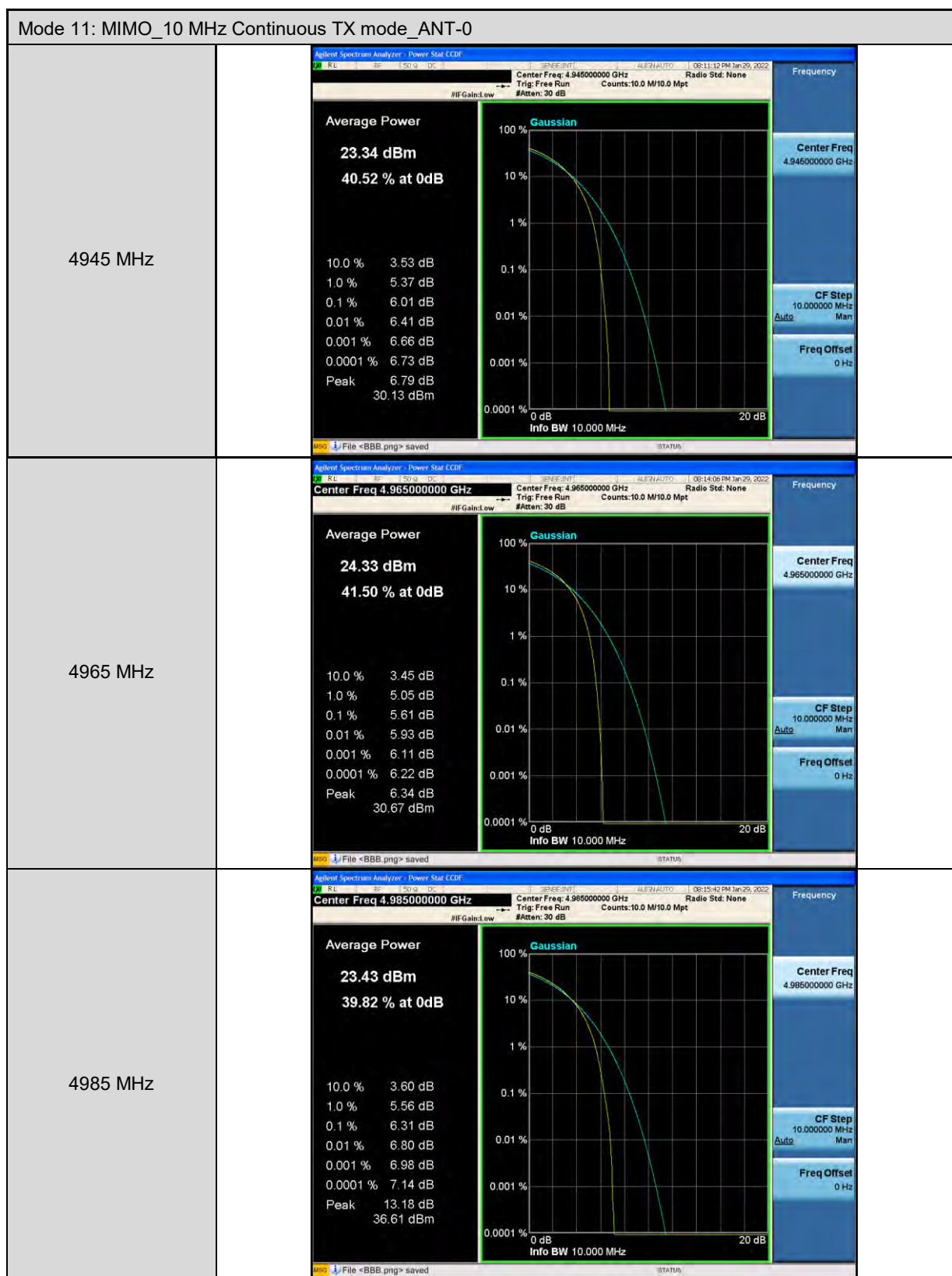
Mode 6: SISO_20 MHz Continuous TX mode_ANT-0		
4950 MHz	Agilent Spectrum Analyzer - Power Stat CCDF REL SP SIG DC Center Freq: 4.950000000 GHz Trig: Free Run #Att: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None Frequency Center Freq 4.950000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz Average Power 23.82 dBm 41.34 % at 0dB 10.0 % 3.52 dB 1.0 % 5.18 dB 0.1 % 5.79 dB 0.01 % 6.13 dB 0.001 % 6.34 dB 0.0001 % 6.49 dB Peak 6.61 dB 30.43 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 REL SP SIG DC Center Freq: 4.965000000 GHz Trig: Free Run #Att: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None Frequency Center Freq 4.965000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz Average Power 24.62 dBm 42.41 % at 0dB 10.0 % 3.44 dB 1.0 % 4.90 dB 0.1 % 5.45 dB 0.01 % 5.78 dB 0.001 % 5.96 dB 0.0001 % 6.15 dB Peak 6.42 dB 31.04 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 REL SP SIG DC Center Freq: 4.980000000 GHz Trig: Free Run #Att: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None Frequency Center Freq 4.980000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz Average Power 25.70 dBm 44.29 % at 0dB 10.0 % 3.26 dB 1.0 % 4.48 dB 0.1 % 4.98 dB 0.01 % 5.27 dB 0.001 % 5.46 dB 0.0001 % 5.64 dB Peak 5.80 dB 31.50 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	

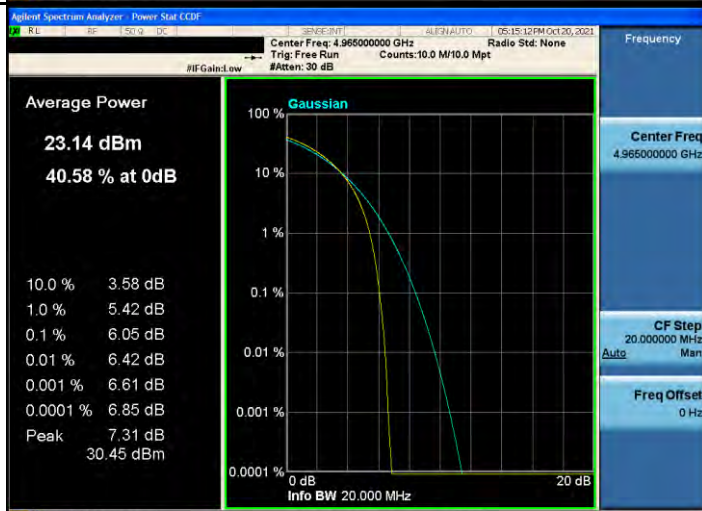
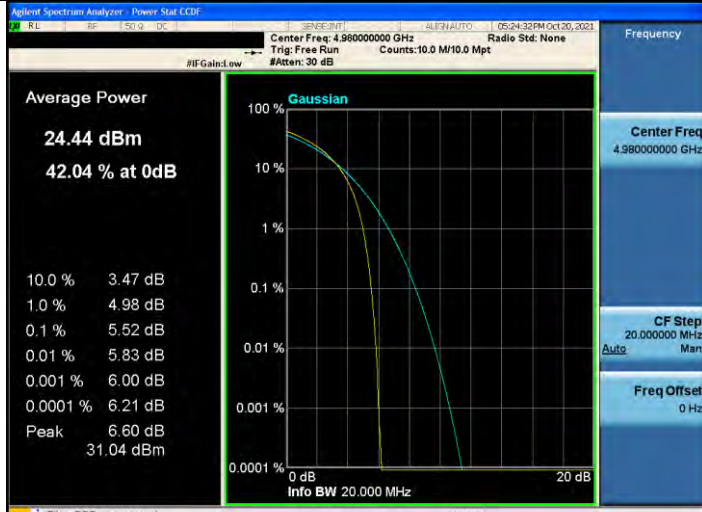
Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-0		
4942.5 MHz		
4967.5 MHz		
4987.5 MHz		

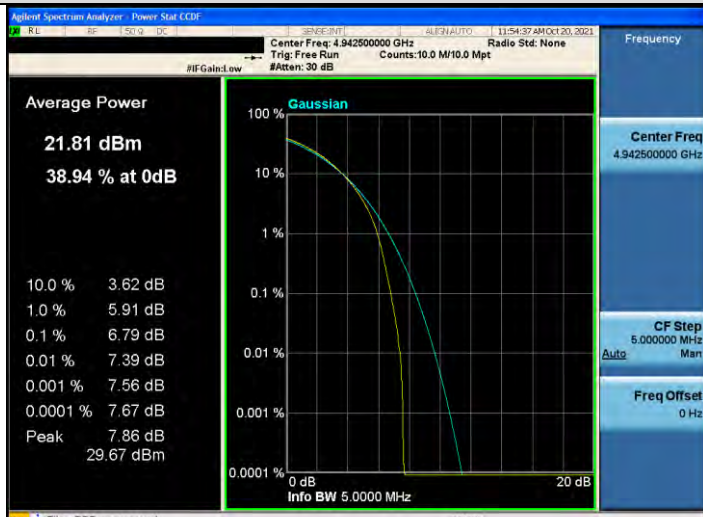
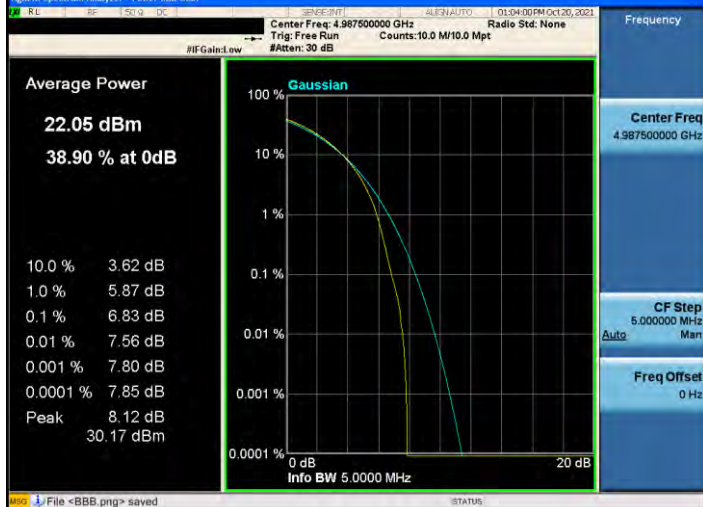


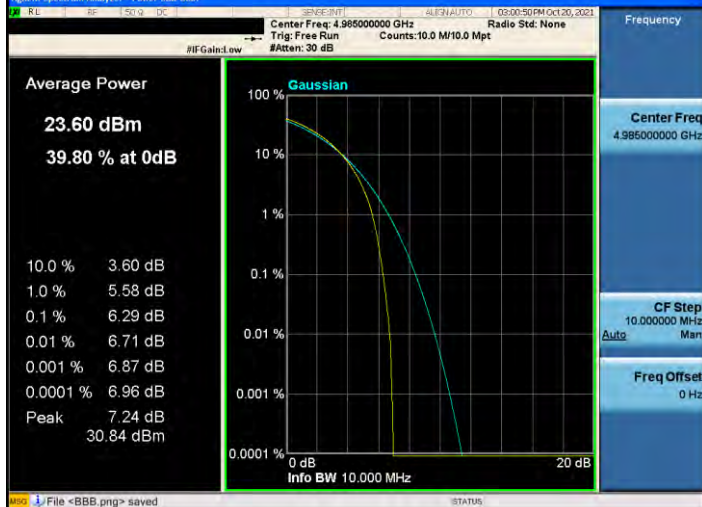
Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-0																		
4950 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.950000000 GHz Trig: Free Run #Att: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None Frequency Center Freq 4.950000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz Average Power 22.88 dBm 40.48 % at 0dB <table><tr><td>10.0 %</td><td>3.53 dB</td></tr><tr><td>1.0 %</td><td>5.46 dB</td></tr><tr><td>0.1 %</td><td>6.18 dB</td></tr><tr><td>0.01 %</td><td>6.61 dB</td></tr><tr><td>0.001 %</td><td>6.81 dB</td></tr><tr><td>0.0001 %</td><td>6.87 dB</td></tr><tr><td>Peak</td><td>6.99 dB</td></tr><tr><td></td><td>29.87 dBm</td></tr></table> Gaussian 0 dB 20 dB Info BW 20.000 MHz	10.0 %	3.53 dB	1.0 %	5.46 dB	0.1 %	6.18 dB	0.01 %	6.61 dB	0.001 %	6.81 dB	0.0001 %	6.87 dB	Peak	6.99 dB		29.87 dBm	
10.0 %	3.53 dB																	
1.0 %	5.46 dB																	
0.1 %	6.18 dB																	
0.01 %	6.61 dB																	
0.001 %	6.81 dB																	
0.0001 %	6.87 dB																	
Peak	6.99 dB																	
	29.87 dBm																	
4965 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.965000000 GHz Trig: Free Run #Att: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None Frequency Center Freq 4.965000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz Average Power 23.27 dBm 40.76 % at 0dB <table><tr><td>10.0 %</td><td>3.52 dB</td></tr><tr><td>1.0 %</td><td>5.38 dB</td></tr><tr><td>0.1 %</td><td>6.06 dB</td></tr><tr><td>0.01 %</td><td>6.48 dB</td></tr><tr><td>0.001 %</td><td>6.66 dB</td></tr><tr><td>0.0001 %</td><td>6.71 dB</td></tr><tr><td>Peak</td><td>6.79 dB</td></tr><tr><td></td><td>30.06 dBm</td></tr></table> Gaussian 0 dB 20 dB Info BW 20.000 MHz	10.0 %	3.52 dB	1.0 %	5.38 dB	0.1 %	6.06 dB	0.01 %	6.48 dB	0.001 %	6.66 dB	0.0001 %	6.71 dB	Peak	6.79 dB		30.06 dBm	
10.0 %	3.52 dB																	
1.0 %	5.38 dB																	
0.1 %	6.06 dB																	
0.01 %	6.48 dB																	
0.001 %	6.66 dB																	
0.0001 %	6.71 dB																	
Peak	6.79 dB																	
	30.06 dBm																	
4980 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.980000000 GHz Trig: Free Run #Att: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None Frequency Center Freq 4.980000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz Average Power 24.38 dBm 42.03 % at 0dB <table><tr><td>10.0 %</td><td>3.42 dB</td></tr><tr><td>1.0 %</td><td>4.98 dB</td></tr><tr><td>0.1 %</td><td>5.55 dB</td></tr><tr><td>0.01 %</td><td>5.90 dB</td></tr><tr><td>0.001 %</td><td>6.04 dB</td></tr><tr><td>0.0001 %</td><td>6.12 dB</td></tr><tr><td>Peak</td><td>6.27 dB</td></tr><tr><td></td><td>30.65 dBm</td></tr></table> Gaussian 0 dB 20 dB Info BW 20.000 MHz	10.0 %	3.42 dB	1.0 %	4.98 dB	0.1 %	5.55 dB	0.01 %	5.90 dB	0.001 %	6.04 dB	0.0001 %	6.12 dB	Peak	6.27 dB		30.65 dBm	
10.0 %	3.42 dB																	
1.0 %	4.98 dB																	
0.1 %	5.55 dB																	
0.01 %	5.90 dB																	
0.001 %	6.04 dB																	
0.0001 %	6.12 dB																	
Peak	6.27 dB																	
	30.65 dBm																	

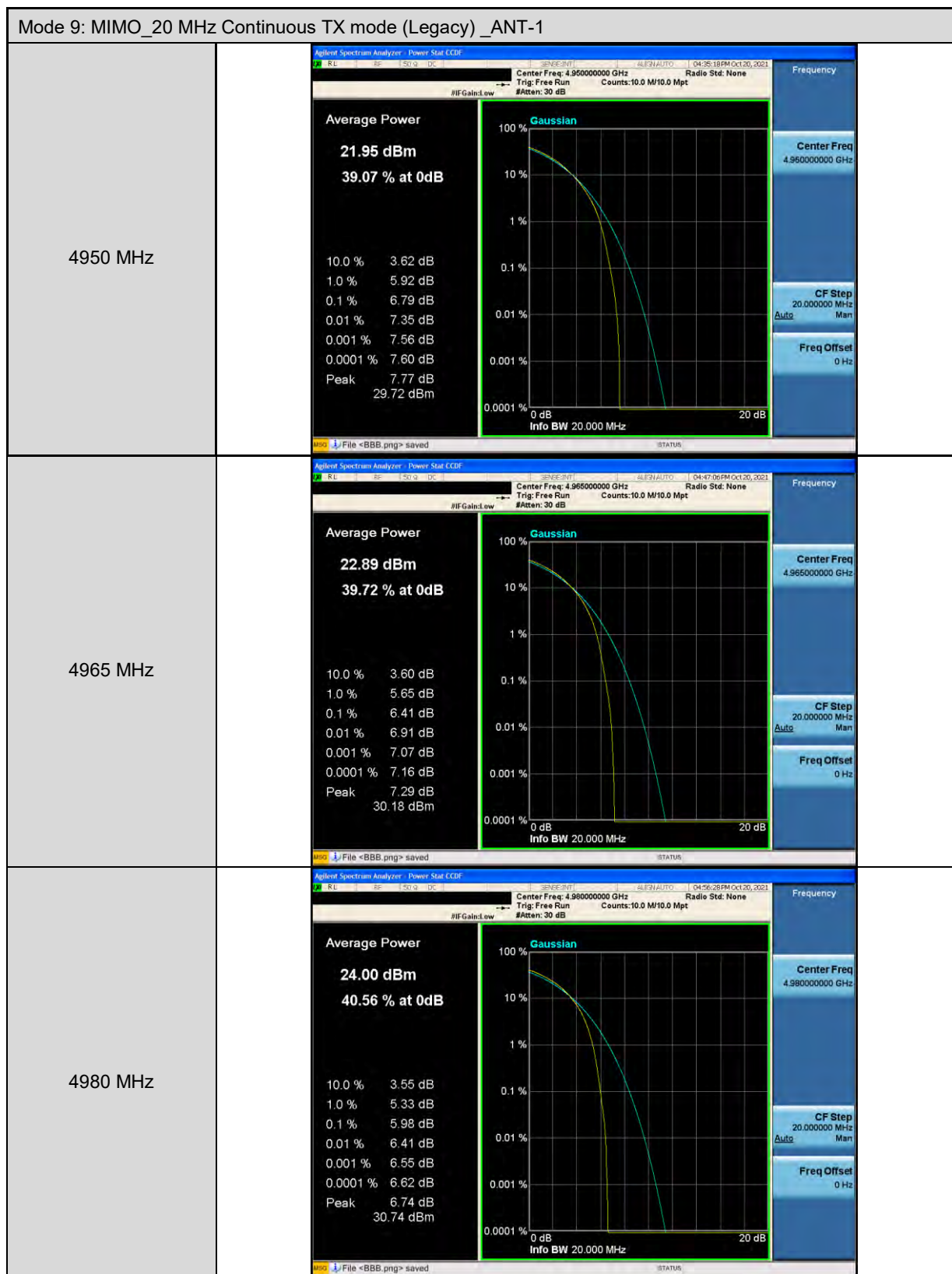
Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0		
4942.5 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.942500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Att: 30 dB Average Power 22.27 dBm 39.70 % at 0dB 10.0 % 3.56 dB 1.0 % 5.63 dB 0.1 % 6.35 dB 0.01 % 6.74 dB 0.001 % 6.91 dB 0.0001 % 7.04 dB Peak 7.26 dB 29.53 dBm Gaussian 0 dB 5.0000 MHz 20 dB 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	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.967500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Att: 30 dB Average Power 22.15 dBm 39.17 % at 0dB 10.0 % 3.61 dB 1.0 % 5.74 dB 0.1 % 6.59 dB 0.01 % 7.19 dB 0.001 % 7.37 dB 0.0001 % 7.46 dB Peak 7.71 dB 29.86 dBm Gaussian 0 dB 5.0000 MHz 20 dB 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	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.987500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Att: 30 dB Average Power 23.31 dBm 39.67 % at 0dB 10.0 % 3.60 dB 1.0 % 5.56 dB 0.1 % 6.29 dB 0.01 % 6.76 dB 0.001 % 6.95 dB 0.0001 % 7.07 dB Peak 7.32 dB 30.63 dBm Gaussian 0 dB 5.0000 MHz 20 dB Info BW 5.0000 MHz Frequency Center Freq 4.987500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz	

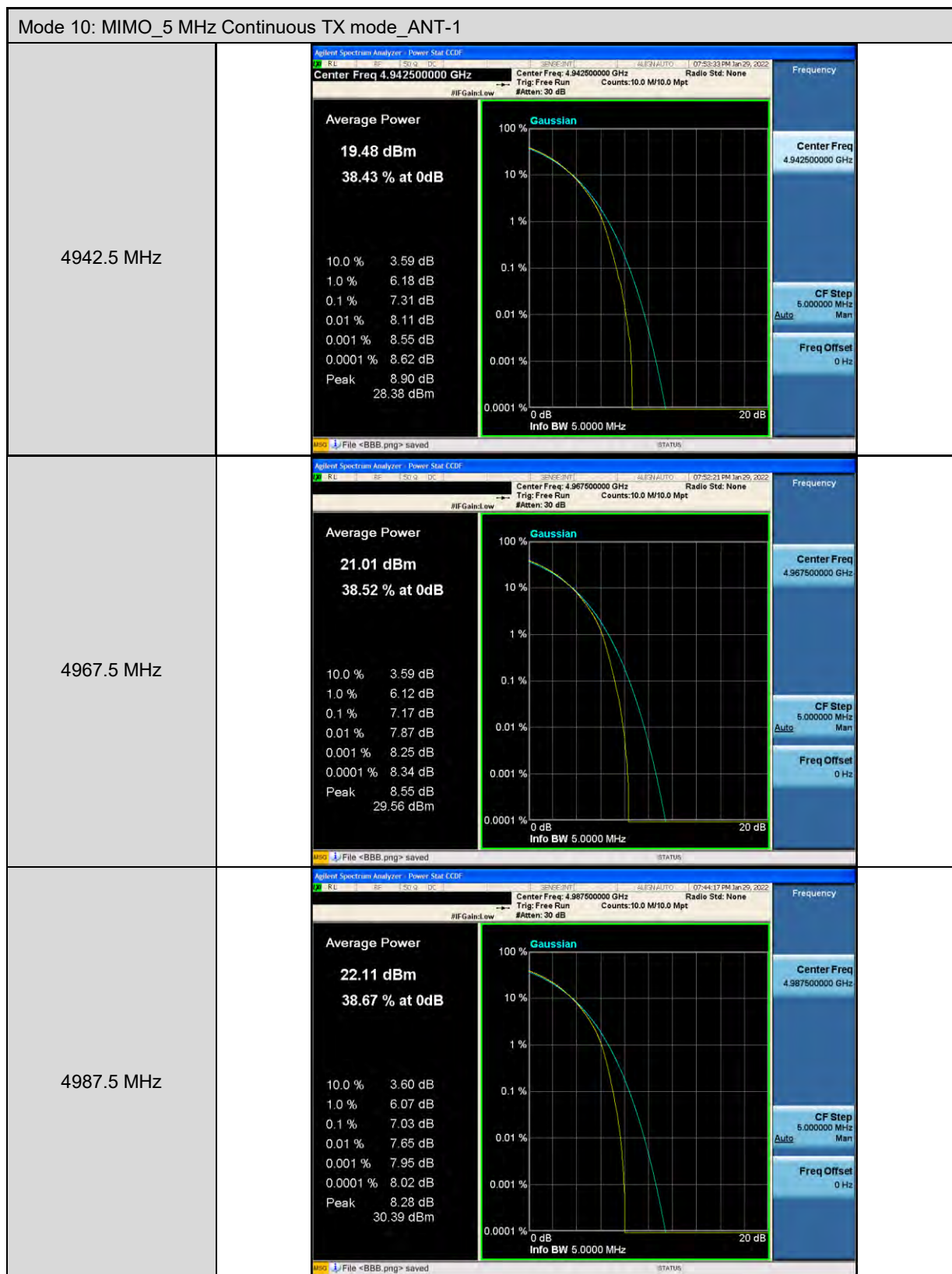


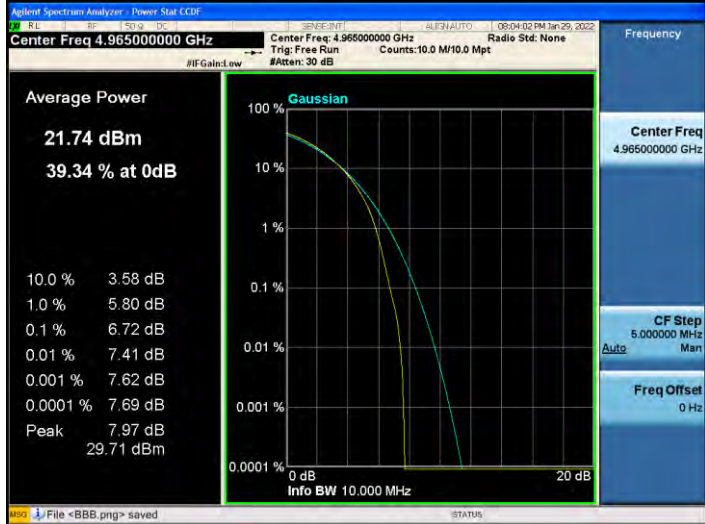
Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0																		
4950 MHz	 Average Power 25.15 dBm 44.36 % at 0dB <table><tr><td>10.0 %</td><td>3.21 dB</td></tr><tr><td>1.0 %</td><td>4.47 dB</td></tr><tr><td>0.1 %</td><td>5.03 dB</td></tr><tr><td>0.01 %</td><td>5.37 dB</td></tr><tr><td>0.001 %</td><td>5.62 dB</td></tr><tr><td>0.0001 %</td><td>5.79 dB</td></tr><tr><td>Peak</td><td>5.90 dB</td></tr><tr><td></td><td>31.05 dBm</td></tr></table> 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 Info BW 20.000 MHz	10.0 %	3.21 dB	1.0 %	4.47 dB	0.1 %	5.03 dB	0.01 %	5.37 dB	0.001 %	5.62 dB	0.0001 %	5.79 dB	Peak	5.90 dB		31.05 dBm	
10.0 %	3.21 dB																	
1.0 %	4.47 dB																	
0.1 %	5.03 dB																	
0.01 %	5.37 dB																	
0.001 %	5.62 dB																	
0.0001 %	5.79 dB																	
Peak	5.90 dB																	
	31.05 dBm																	
4965 MHz	 Average Power 23.14 dBm 40.58 % at 0dB <table><tr><td>10.0 %</td><td>3.58 dB</td></tr><tr><td>1.0 %</td><td>5.42 dB</td></tr><tr><td>0.1 %</td><td>6.05 dB</td></tr><tr><td>0.01 %</td><td>6.42 dB</td></tr><tr><td>0.001 %</td><td>6.61 dB</td></tr><tr><td>0.0001 %</td><td>6.85 dB</td></tr><tr><td>Peak</td><td>7.31 dB</td></tr><tr><td></td><td>30.45 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 20.000000 MHz Auto Man Freq Offset 0 Hz Info BW 20.000 MHz	10.0 %	3.58 dB	1.0 %	5.42 dB	0.1 %	6.05 dB	0.01 %	6.42 dB	0.001 %	6.61 dB	0.0001 %	6.85 dB	Peak	7.31 dB		30.45 dBm	
10.0 %	3.58 dB																	
1.0 %	5.42 dB																	
0.1 %	6.05 dB																	
0.01 %	6.42 dB																	
0.001 %	6.61 dB																	
0.0001 %	6.85 dB																	
Peak	7.31 dB																	
	30.45 dBm																	
4980 MHz	 Average Power 24.44 dBm 42.04 % at 0dB <table><tr><td>10.0 %</td><td>3.47 dB</td></tr><tr><td>1.0 %</td><td>4.98 dB</td></tr><tr><td>0.1 %</td><td>5.52 dB</td></tr><tr><td>0.01 %</td><td>5.83 dB</td></tr><tr><td>0.001 %</td><td>6.00 dB</td></tr><tr><td>0.0001 %</td><td>6.21 dB</td></tr><tr><td>Peak</td><td>6.60 dB</td></tr><tr><td></td><td>31.04 dBm</td></tr></table> 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 Info BW 20.000 MHz	10.0 %	3.47 dB	1.0 %	4.98 dB	0.1 %	5.52 dB	0.01 %	5.83 dB	0.001 %	6.00 dB	0.0001 %	6.21 dB	Peak	6.60 dB		31.04 dBm	
10.0 %	3.47 dB																	
1.0 %	4.98 dB																	
0.1 %	5.52 dB																	
0.01 %	5.83 dB																	
0.001 %	6.00 dB																	
0.0001 %	6.21 dB																	
Peak	6.60 dB																	
	31.04 dBm																	

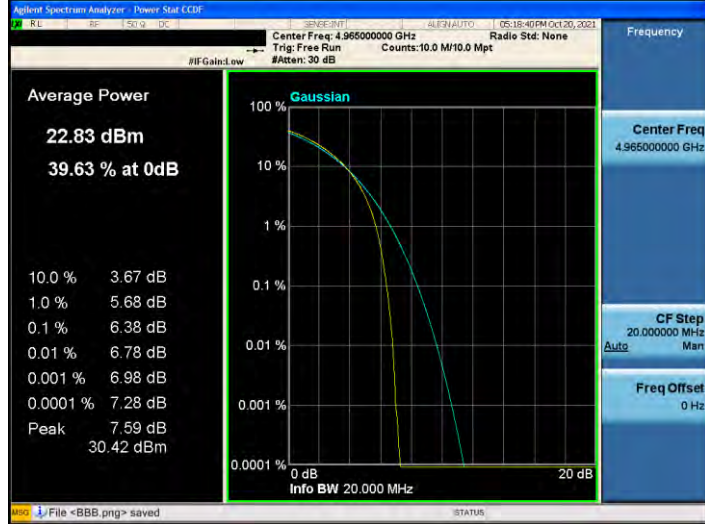
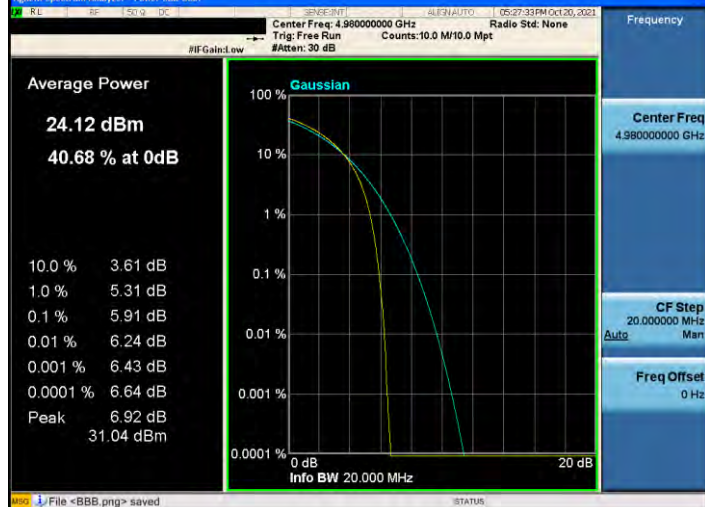
Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-1		
4942.5 MHz		
4967.5 MHz		
4987.5 MHz		

Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-1		
4945 MHz		Frequency Center Freq 4.945000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.965000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz		Frequency Center Freq 4.985000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz



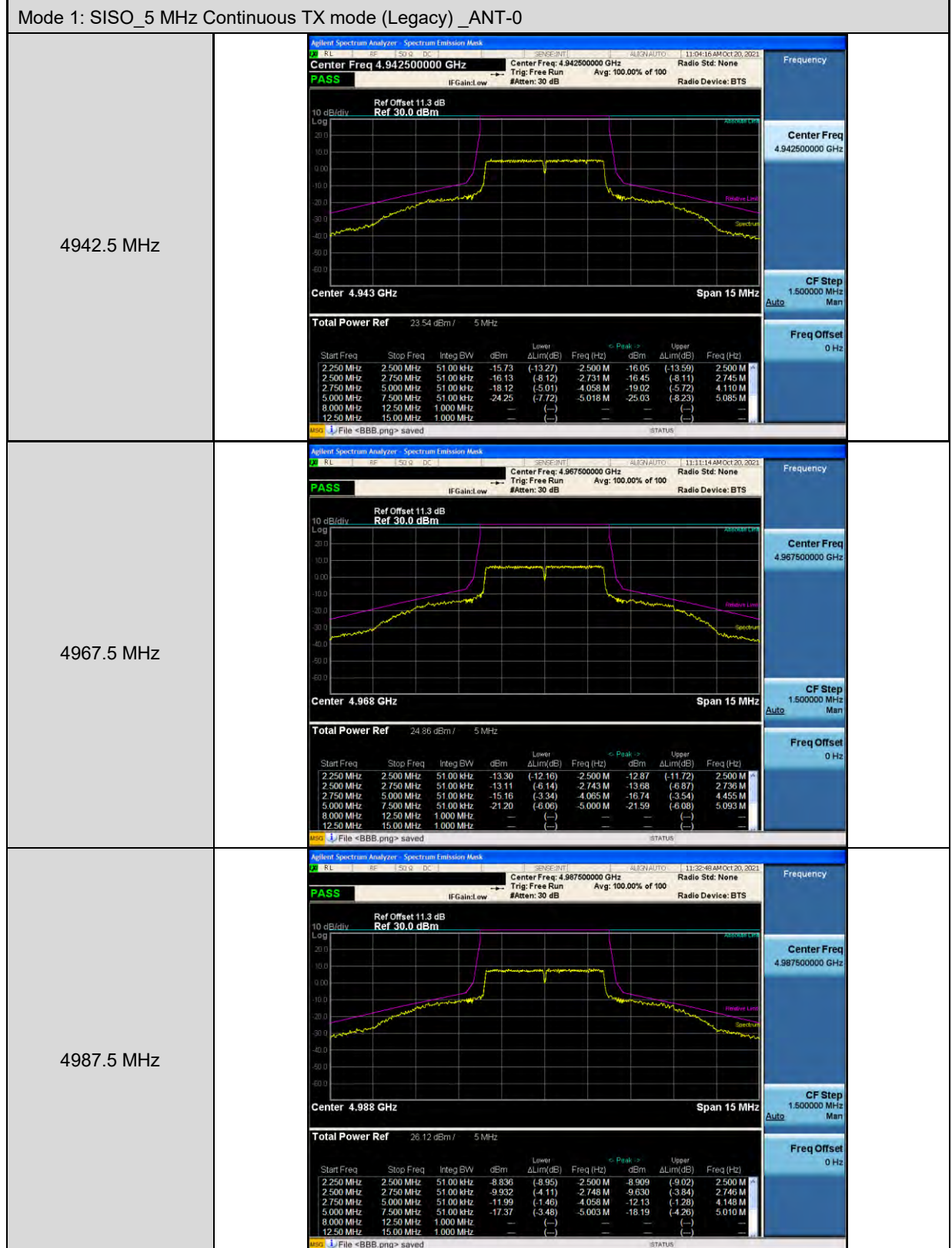


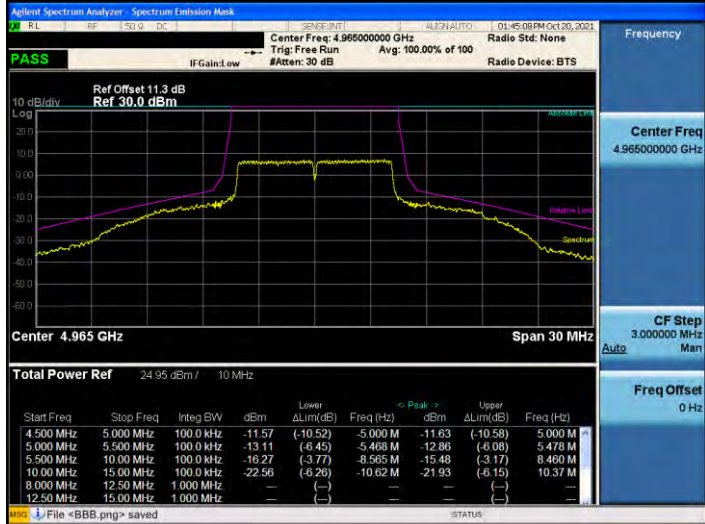
Mode 11: MIMO_10 MHz Continuous TX mode_ANT-1		
4945 MHz		
4965 MHz		
4985 MHz		

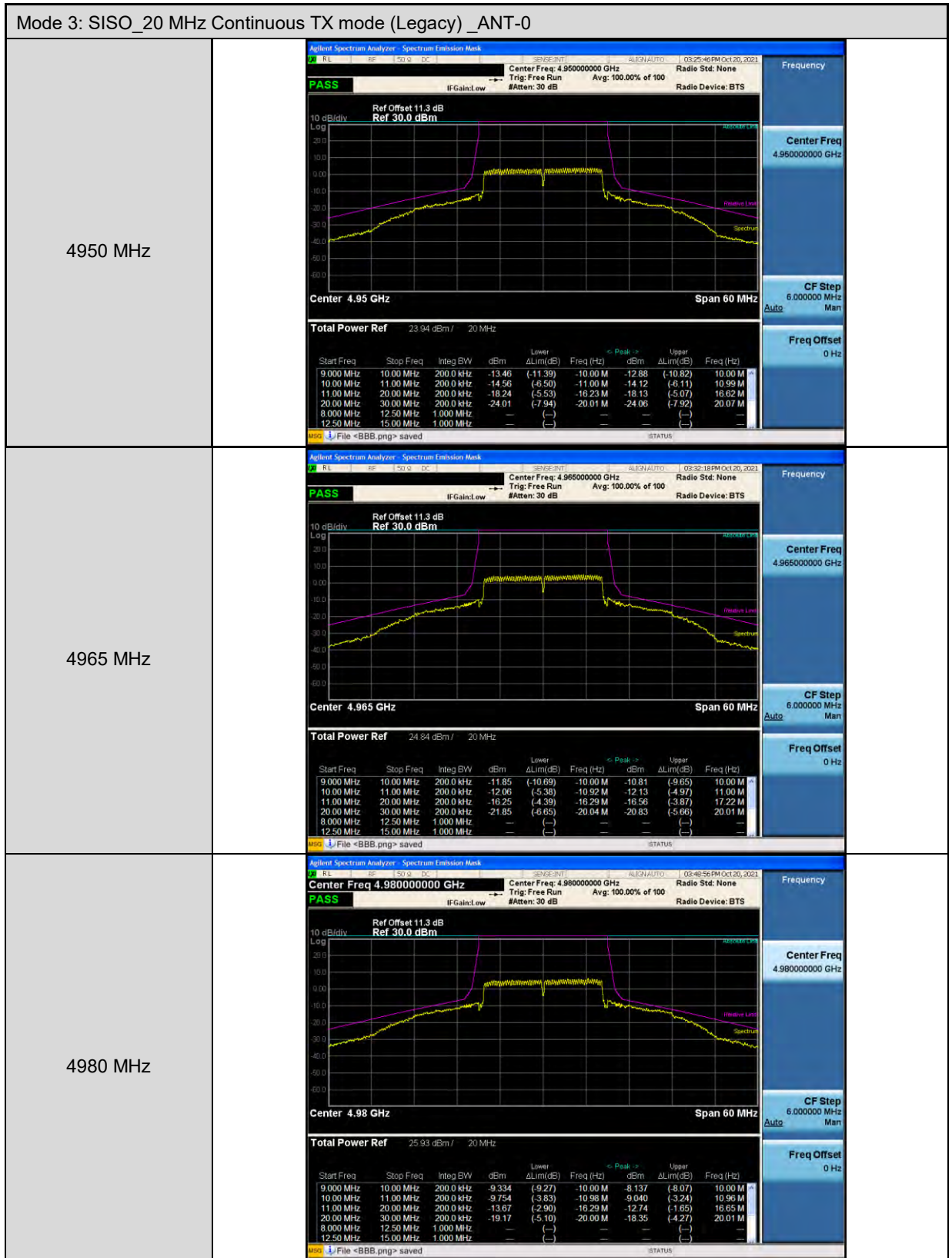
Mode 12: MIMO_20 MHz Continuous TX mode_ANT-1																		
4950 MHz	 Average Power 22.43 dBm 39.63 % at 0dB <table><tr><td>10.0 %</td><td>3.67 dB</td></tr><tr><td>1.0 %</td><td>5.64 dB</td></tr><tr><td>0.1 %</td><td>6.38 dB</td></tr><tr><td>0.01 %</td><td>6.81 dB</td></tr><tr><td>0.001 %</td><td>7.04 dB</td></tr><tr><td>0.0001 %</td><td>7.35 dB</td></tr><tr><td>Peak</td><td>7.72 dB</td></tr><tr><td></td><td>30.15 dBm</td></tr></table> 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 Info BW 20.000 MHz	10.0 %	3.67 dB	1.0 %	5.64 dB	0.1 %	6.38 dB	0.01 %	6.81 dB	0.001 %	7.04 dB	0.0001 %	7.35 dB	Peak	7.72 dB		30.15 dBm	
10.0 %	3.67 dB																	
1.0 %	5.64 dB																	
0.1 %	6.38 dB																	
0.01 %	6.81 dB																	
0.001 %	7.04 dB																	
0.0001 %	7.35 dB																	
Peak	7.72 dB																	
	30.15 dBm																	
4965 MHz	 Average Power 22.83 dBm 39.63 % at 0dB <table><tr><td>10.0 %</td><td>3.67 dB</td></tr><tr><td>1.0 %</td><td>5.68 dB</td></tr><tr><td>0.1 %</td><td>6.38 dB</td></tr><tr><td>0.01 %</td><td>6.78 dB</td></tr><tr><td>0.001 %</td><td>6.98 dB</td></tr><tr><td>0.0001 %</td><td>7.28 dB</td></tr><tr><td>Peak</td><td>7.59 dB</td></tr><tr><td></td><td>30.42 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 20.000000 MHz Auto Man Freq Offset 0 Hz Info BW 20.000 MHz	10.0 %	3.67 dB	1.0 %	5.68 dB	0.1 %	6.38 dB	0.01 %	6.78 dB	0.001 %	6.98 dB	0.0001 %	7.28 dB	Peak	7.59 dB		30.42 dBm	
10.0 %	3.67 dB																	
1.0 %	5.68 dB																	
0.1 %	6.38 dB																	
0.01 %	6.78 dB																	
0.001 %	6.98 dB																	
0.0001 %	7.28 dB																	
Peak	7.59 dB																	
	30.42 dBm																	
4980 MHz	 Average Power 24.12 dBm 40.68 % at 0dB <table><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>5.91 dB</td></tr><tr><td>0.01 %</td><td>6.24 dB</td></tr><tr><td>0.001 %</td><td>6.43 dB</td></tr><tr><td>0.0001 %</td><td>6.64 dB</td></tr><tr><td>Peak</td><td>6.92 dB</td></tr><tr><td></td><td>31.04 dBm</td></tr></table> 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 Info BW 20.000 MHz	10.0 %	3.61 dB	1.0 %	5.31 dB	0.1 %	5.91 dB	0.01 %	6.24 dB	0.001 %	6.43 dB	0.0001 %	6.64 dB	Peak	6.92 dB		31.04 dBm	
10.0 %	3.61 dB																	
1.0 %	5.31 dB																	
0.1 %	5.91 dB																	
0.01 %	6.24 dB																	
0.001 %	6.43 dB																	
0.0001 %	6.64 dB																	
Peak	6.92 dB																	
	31.04 dBm																	

3.5. Channel Mask

■ Test Graphs

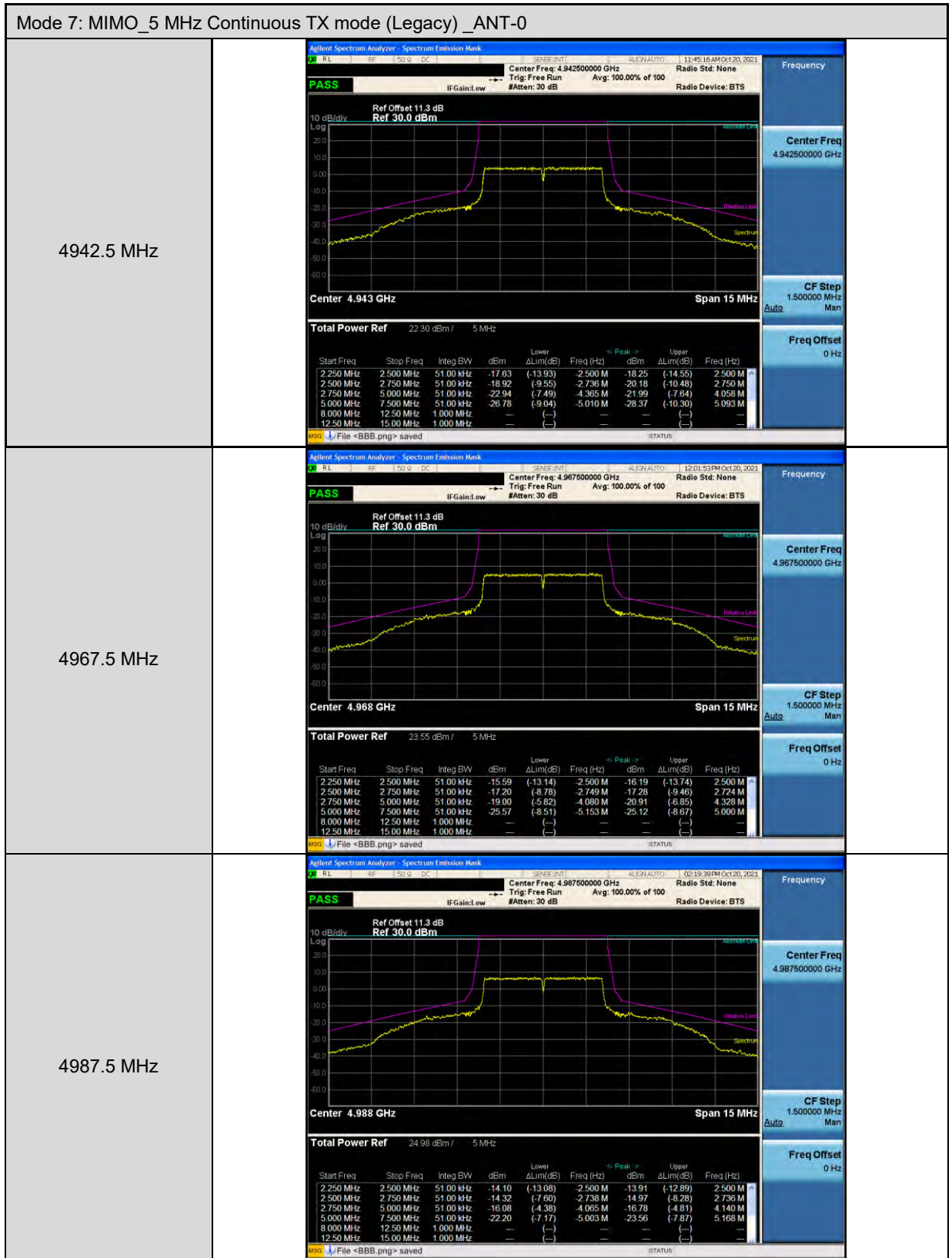


Mode 2: SISO_10 MHz Continuous TX mode (Legacy)_ANT-0		
4945 MHz		Frequency Center Freq 4.945000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.965000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz		Frequency Center Freq 4.985000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz



Mode 5: SISO_10 MHz Continuous TX mode_ANT-0

4945 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 1.50 GHz DC SENSE INT ALGN AUTO 04:40:36 PM Jan 25, 2022 Center Freq: 4.945000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None PASS IF Gain: Low #Atten: 30 dB Radio Device: BTS Ref Offset 11.3 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 ASSUME CW Relative Limit Spectrum Center 4.945 GHz Span 30 MHz Total Power Ref 24.35 dBm / 10 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>4.500 MHz</td><td>5.000 MHz</td><td>100.0 kHz</td><td>-12.58</td><td>(-10.92)</td><td>-5.000 M</td><td>-13.06</td><td>(-11.40)</td><td>5.000 M</td><td></td></tr><tr><td>5.000 MHz</td><td>5.500 MHz</td><td>100.0 kHz</td><td>-13.24</td><td>(-5.58)</td><td>-5.005 M</td><td>-13.65</td><td>(-6.00)</td><td>5.000 M</td><td></td></tr><tr><td>5.500 MHz</td><td>10.00 MHz</td><td>100.0 kHz</td><td>-15.86</td><td>(-3.50)</td><td>-8.145 M</td><td>-17.98</td><td>(-4.29)</td><td>8.895 M</td><td></td></tr><tr><td>10.00 MHz</td><td>15.00 MHz</td><td>100.0 kHz</td><td>-21.35</td><td>(-5.63)</td><td>-10.04 M</td><td>-22.27</td><td>(-6.62)</td><td>10.00 M</td><td></td></tr><tr><td>15.00 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr></tbody></table> File <BBB.png> saved STATUS Frequency Center Freq 4.945000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)	4.500 MHz	5.000 MHz	100.0 kHz	-12.58	(-10.92)	-5.000 M	-13.06	(-11.40)	5.000 M		5.000 MHz	5.500 MHz	100.0 kHz	-13.24	(-5.58)	-5.005 M	-13.65	(-6.00)	5.000 M		5.500 MHz	10.00 MHz	100.0 kHz	-15.86	(-3.50)	-8.145 M	-17.98	(-4.29)	8.895 M		10.00 MHz	15.00 MHz	100.0 kHz	-21.35	(-5.63)	-10.04 M	-22.27	(-6.62)	10.00 M		15.00 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)																																																				
4.500 MHz	5.000 MHz	100.0 kHz	-12.58	(-10.92)	-5.000 M	-13.06	(-11.40)	5.000 M																																																					
5.000 MHz	5.500 MHz	100.0 kHz	-13.24	(-5.58)	-5.005 M	-13.65	(-6.00)	5.000 M																																																					
5.500 MHz	10.00 MHz	100.0 kHz	-15.86	(-3.50)	-8.145 M	-17.98	(-4.29)	8.895 M																																																					
10.00 MHz	15.00 MHz	100.0 kHz	-21.35	(-5.63)	-10.04 M	-22.27	(-6.62)	10.00 M																																																					
15.00 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																					
4965 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 1.50 GHz DC SENSE INT ALGN AUTO 04:42:39 PM Jan 25, 2022 Center Freq: 4.965000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None PASS IF Gain: Low #Atten: 30 dB Radio Device: BTS Ref Offset 11.3 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 ASSUME CW Relative Limit Spectrum Center 4.965 GHz Span 30 MHz Total Power Ref 23.47 dBm / 10 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>4.500 MHz</td><td>5.000 MHz</td><td>100.0 kHz</td><td>-15.51</td><td>(-12.98)</td><td>-5.000 M</td><td>-16.30</td><td>(-13.77)</td><td>5.000 M</td><td></td></tr><tr><td>5.000 MHz</td><td>5.500 MHz</td><td>100.0 kHz</td><td>-16.01</td><td>(-7.48)</td><td>-5.005 M</td><td>-16.59</td><td>(-8.06)</td><td>5.000 M</td><td></td></tr><tr><td>5.500 MHz</td><td>10.00 MHz</td><td>100.0 kHz</td><td>-18.85</td><td>(-5.62)</td><td>-8.145 M</td><td>-21.39</td><td>(-6.82)</td><td>8.895 M</td><td></td></tr><tr><td>10.00 MHz</td><td>15.00 MHz</td><td>100.0 kHz</td><td>-24.18</td><td>(-7.61)</td><td>-10.02 M</td><td>-25.49</td><td>(-8.96)</td><td>10.00 M</td><td></td></tr><tr><td>15.00 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr></tbody></table> File <BBB.png> saved STATUS Frequency Center Freq 4.965000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)	4.500 MHz	5.000 MHz	100.0 kHz	-15.51	(-12.98)	-5.000 M	-16.30	(-13.77)	5.000 M		5.000 MHz	5.500 MHz	100.0 kHz	-16.01	(-7.48)	-5.005 M	-16.59	(-8.06)	5.000 M		5.500 MHz	10.00 MHz	100.0 kHz	-18.85	(-5.62)	-8.145 M	-21.39	(-6.82)	8.895 M		10.00 MHz	15.00 MHz	100.0 kHz	-24.18	(-7.61)	-10.02 M	-25.49	(-8.96)	10.00 M		15.00 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)																																																				
4.500 MHz	5.000 MHz	100.0 kHz	-15.51	(-12.98)	-5.000 M	-16.30	(-13.77)	5.000 M																																																					
5.000 MHz	5.500 MHz	100.0 kHz	-16.01	(-7.48)	-5.005 M	-16.59	(-8.06)	5.000 M																																																					
5.500 MHz	10.00 MHz	100.0 kHz	-18.85	(-5.62)	-8.145 M	-21.39	(-6.82)	8.895 M																																																					
10.00 MHz	15.00 MHz	100.0 kHz	-24.18	(-7.61)	-10.02 M	-25.49	(-8.96)	10.00 M																																																					
15.00 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																					
4985 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RL RF 1.50 GHz DC SENSE INT ALGN AUTO 04:44:46 PM Jan 25, 2022 Center Freq: 4.985000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None PASS IF Gain: Low #Atten: 30 dB Radio Device: BTS Ref Offset 11.3 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 ASSUME CW Relative Limit Spectrum Center 4.985 GHz Span 30 MHz Total Power Ref 24.47 dBm / 10 MHz <table><thead><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak</th><th>dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>4.500 MHz</td><td>5.000 MHz</td><td>100.0 kHz</td><td>-13.84</td><td>(-12.31)</td><td>-5.000 M</td><td>-14.45</td><td>(-12.92)</td><td>5.000 M</td><td></td></tr><tr><td>5.000 MHz</td><td>5.500 MHz</td><td>100.0 kHz</td><td>-14.33</td><td>(-6.80)</td><td>-5.005 M</td><td>-14.95</td><td>(-7.42)</td><td>5.005 M</td><td></td></tr><tr><td>5.500 MHz</td><td>10.00 MHz</td><td>100.0 kHz</td><td>-17.14</td><td>(-4.89)</td><td>-8.160 M</td><td>-19.38</td><td>(-5.81)</td><td>8.895 M</td><td></td></tr><tr><td>10.00 MHz</td><td>15.00 MHz</td><td>100.0 kHz</td><td>-22.51</td><td>(-6.91)</td><td>-10.04 M</td><td>-23.63</td><td>(-8.11)</td><td>10.00 M</td><td></td></tr><tr><td>15.00 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td><td></td></tr></tbody></table> File <BBB.png> saved STATUS Frequency Center Freq 4.985000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)	4.500 MHz	5.000 MHz	100.0 kHz	-13.84	(-12.31)	-5.000 M	-14.45	(-12.92)	5.000 M		5.000 MHz	5.500 MHz	100.0 kHz	-14.33	(-6.80)	-5.005 M	-14.95	(-7.42)	5.005 M		5.500 MHz	10.00 MHz	100.0 kHz	-17.14	(-4.89)	-8.160 M	-19.38	(-5.81)	8.895 M		10.00 MHz	15.00 MHz	100.0 kHz	-22.51	(-6.91)	-10.04 M	-23.63	(-8.11)	10.00 M		15.00 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—	
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak	dBm	Upper ΔLim(dB)	Freq (Hz)																																																				
4.500 MHz	5.000 MHz	100.0 kHz	-13.84	(-12.31)	-5.000 M	-14.45	(-12.92)	5.000 M																																																					
5.000 MHz	5.500 MHz	100.0 kHz	-14.33	(-6.80)	-5.005 M	-14.95	(-7.42)	5.005 M																																																					
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10.00 MHz	15.00 MHz	100.0 kHz	-22.51	(-6.91)	-10.04 M	-23.63	(-8.11)	10.00 M																																																					
15.00 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—																																																					



Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0

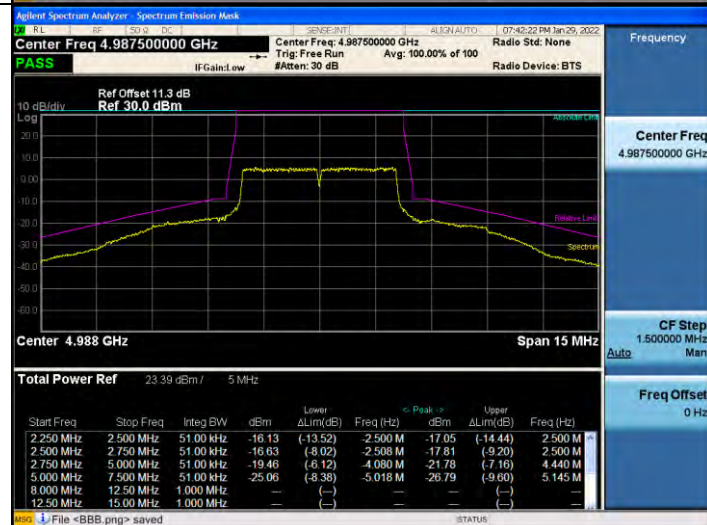
4942.5 MHz

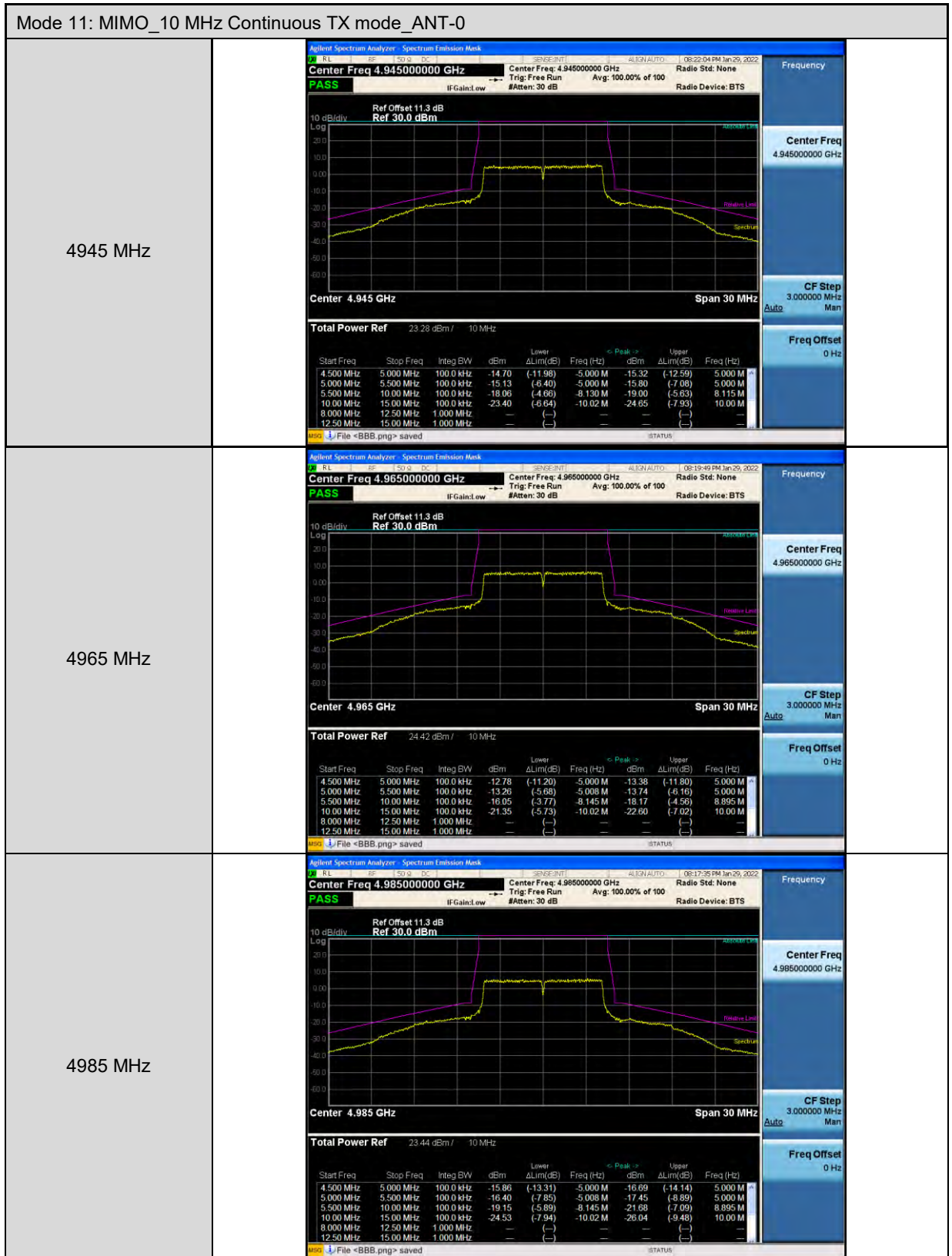


4967.5 MHz

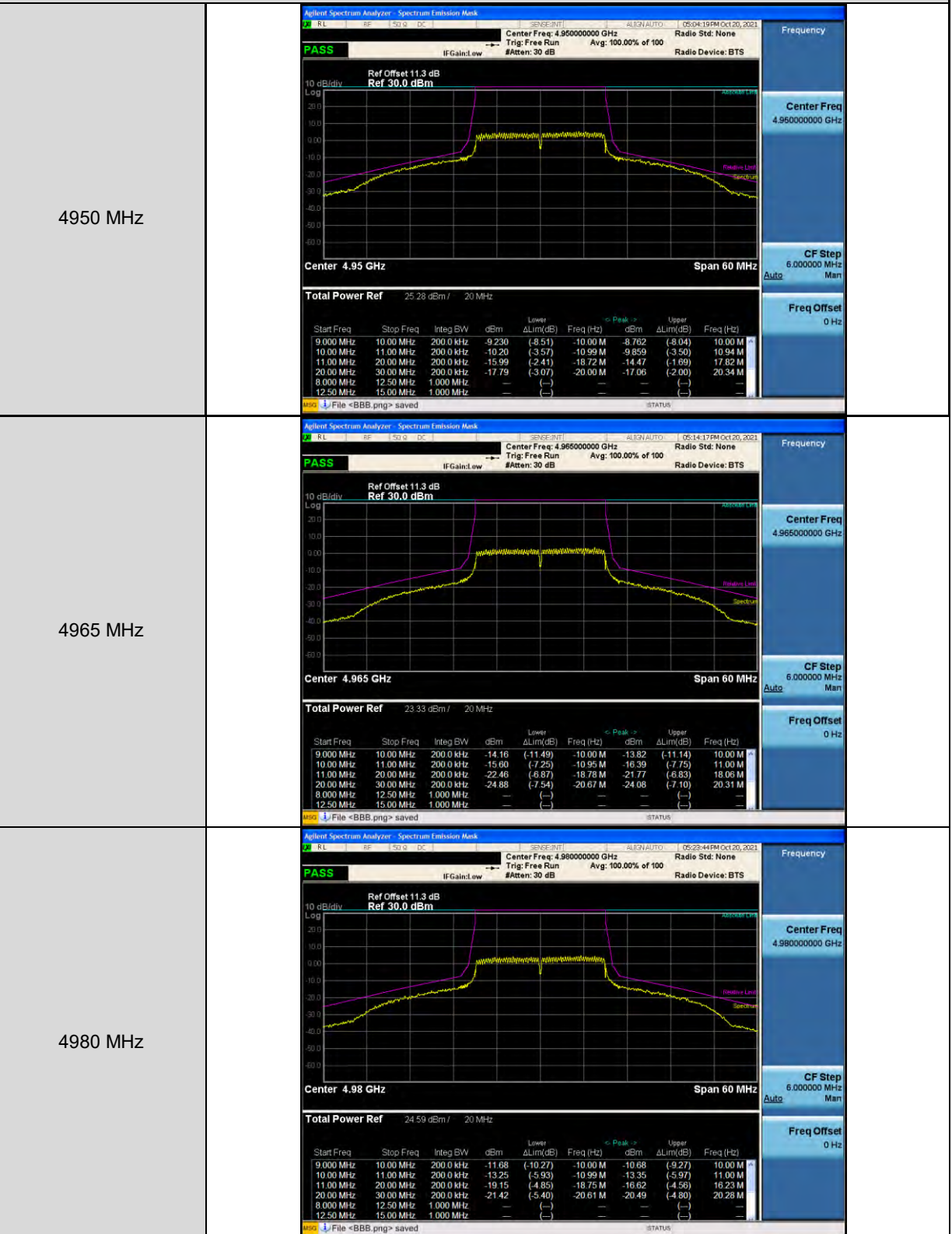


4987.5 MHz





Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0



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

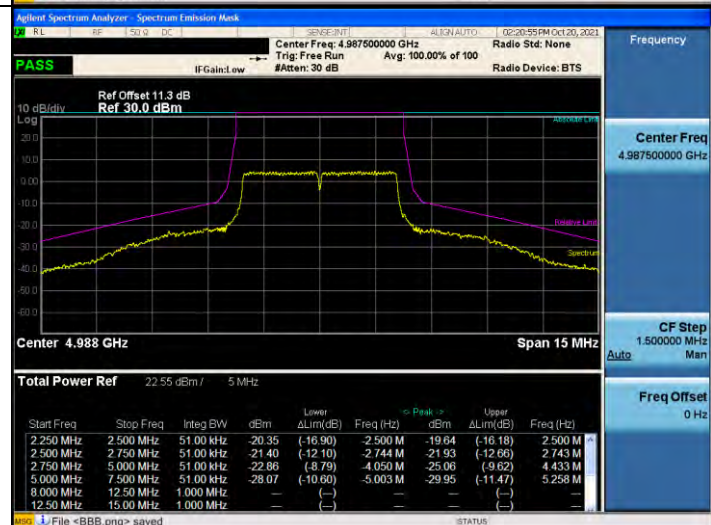
4942.5 MHz

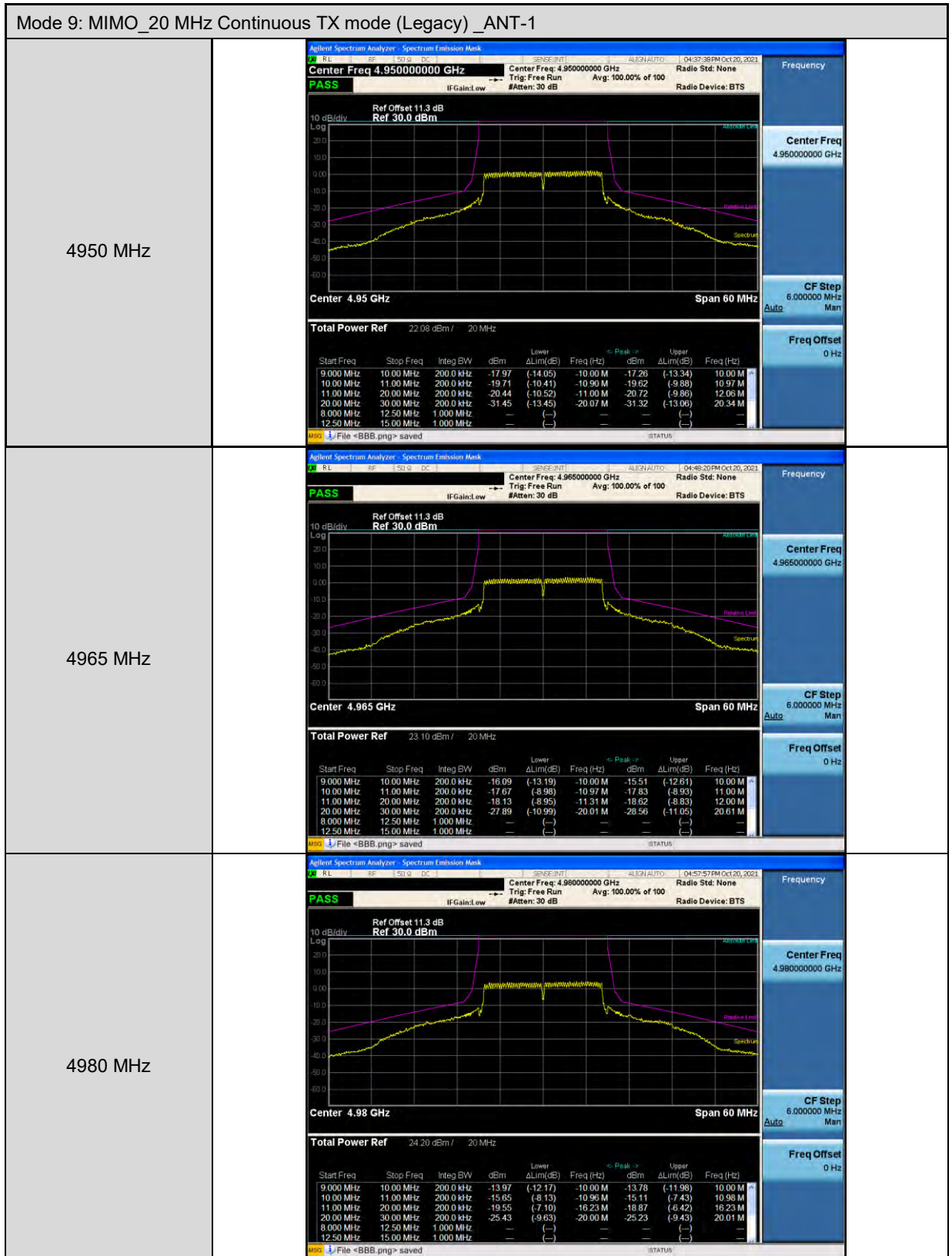


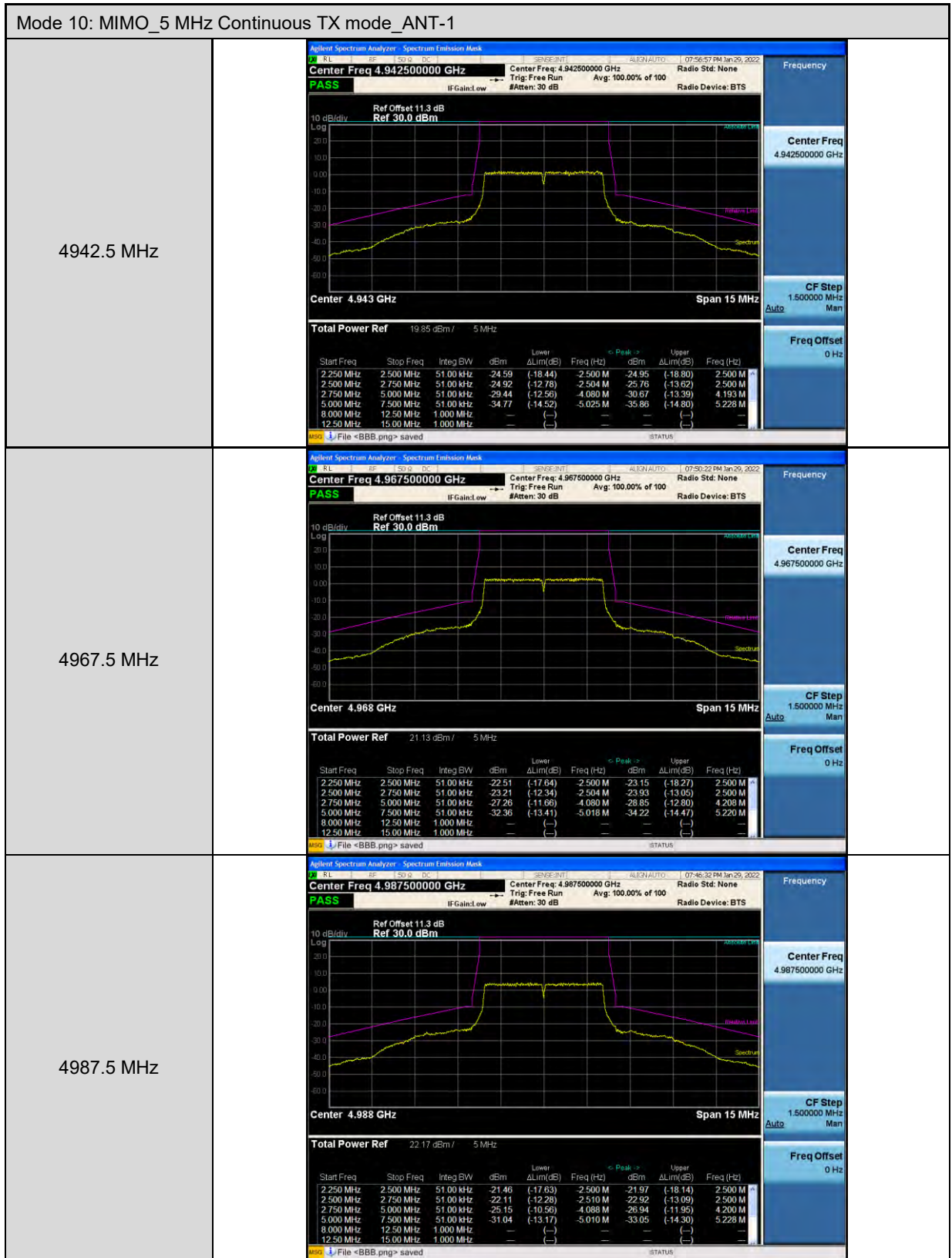
4967.5 MHz



4987.5 MHz

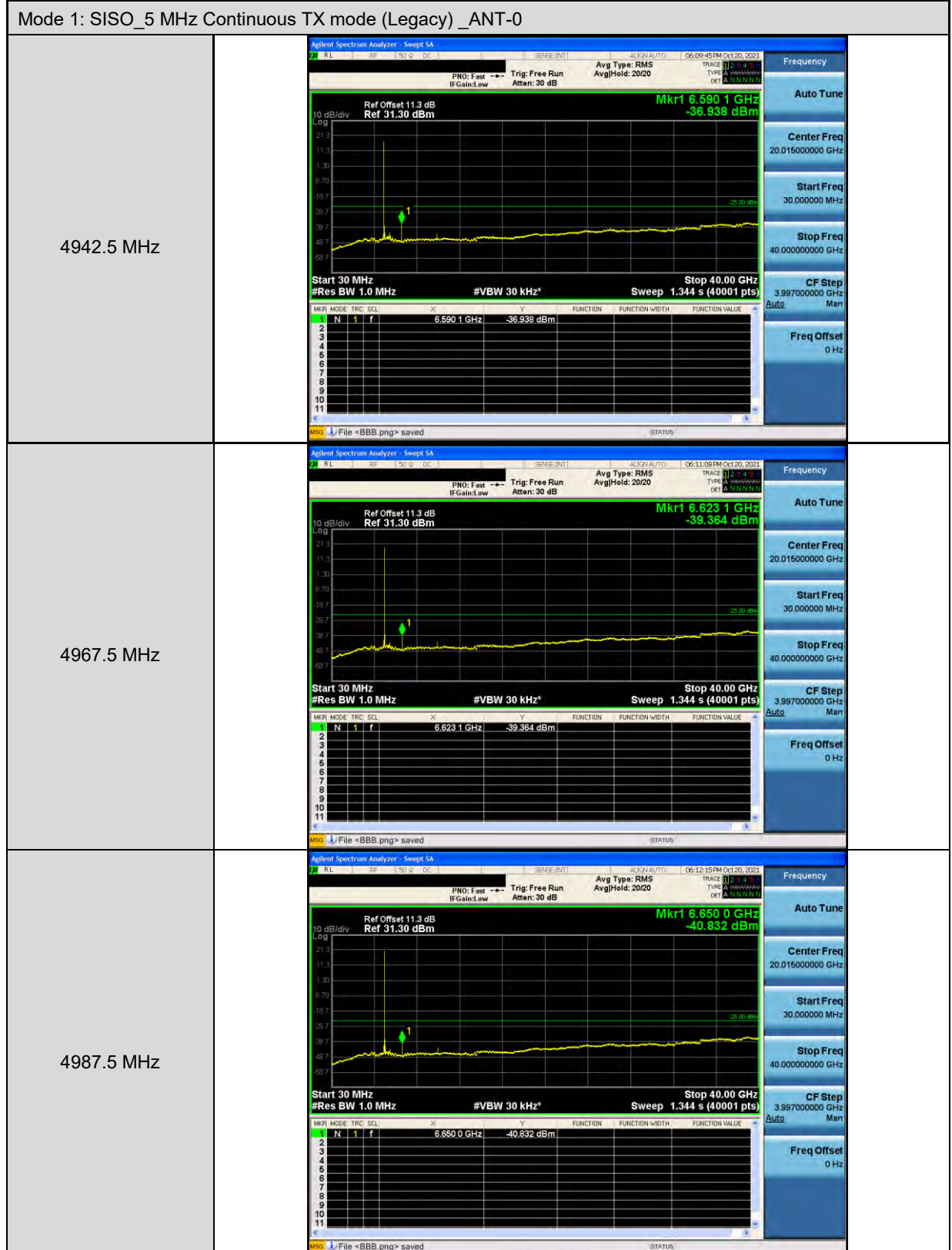


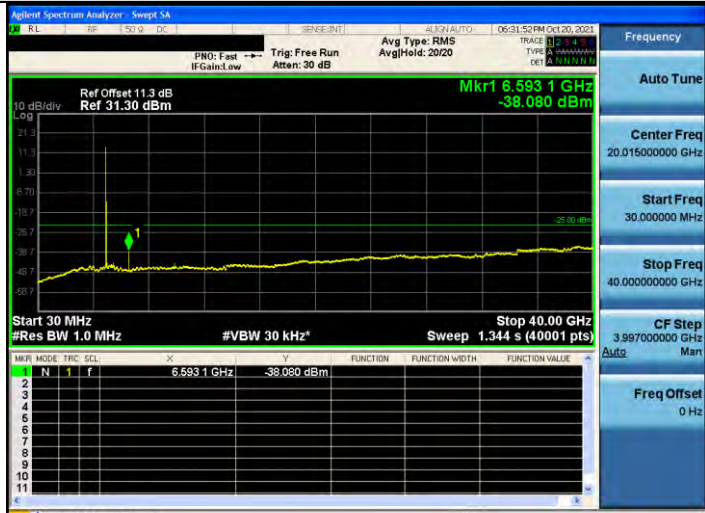
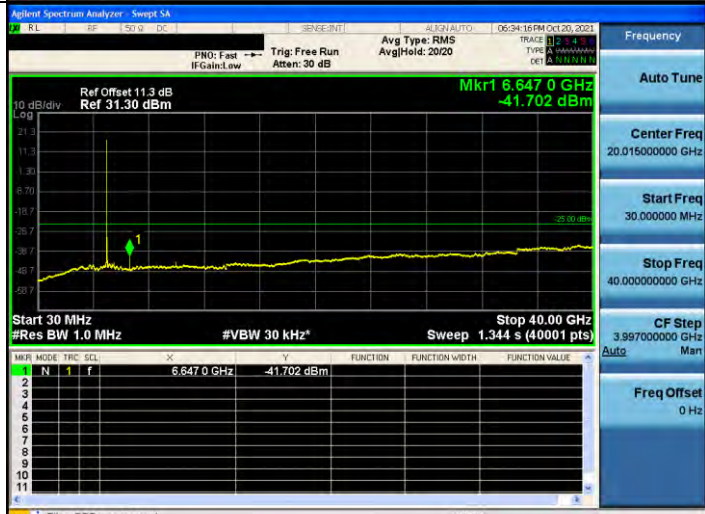


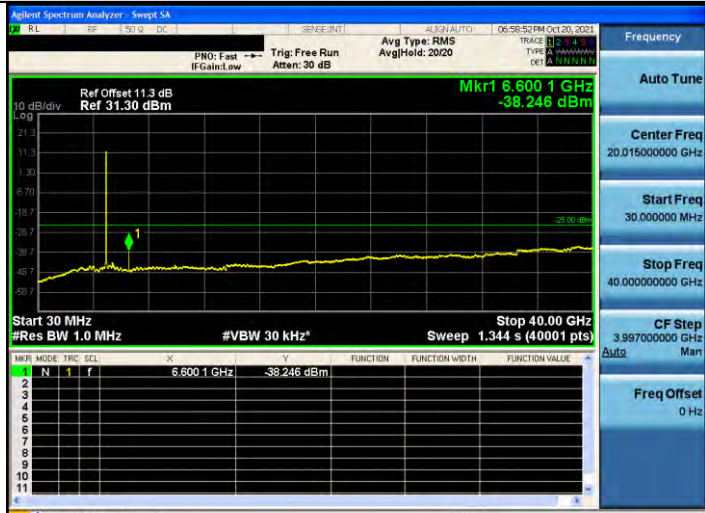


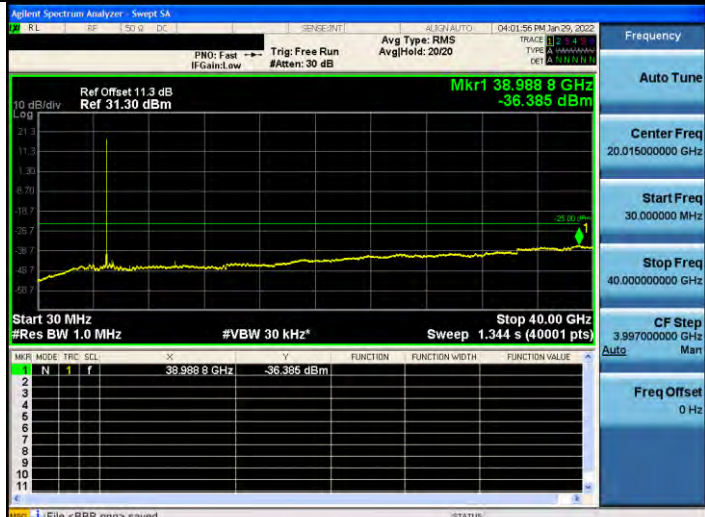
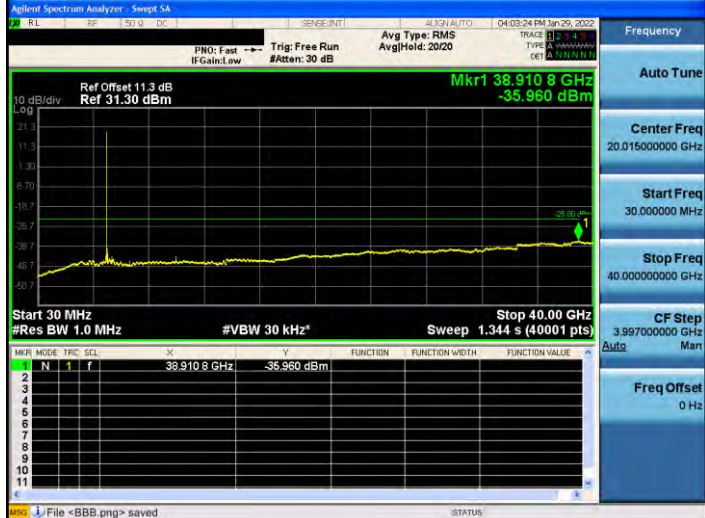
3.6. Conducted Spurious Emission

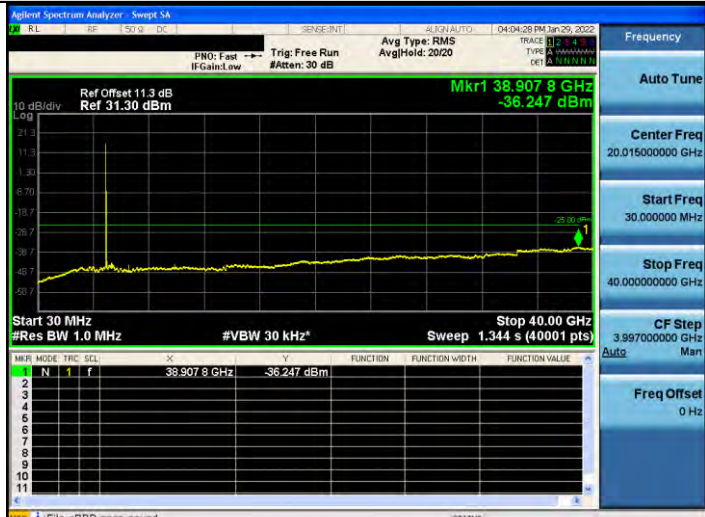
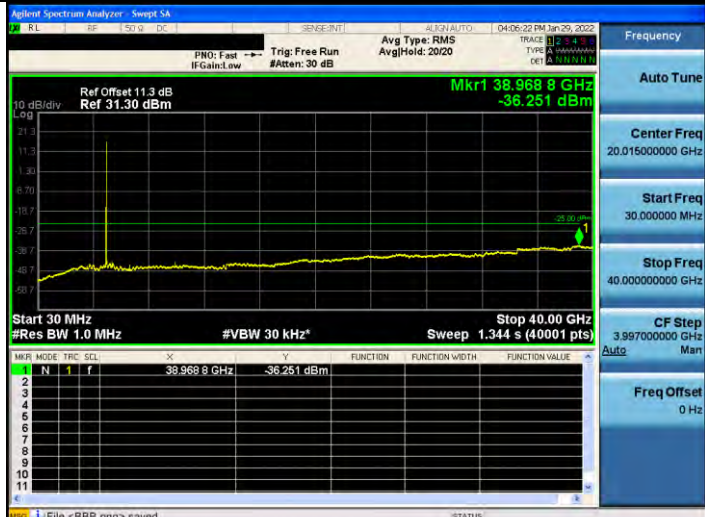
■ Test Graphs

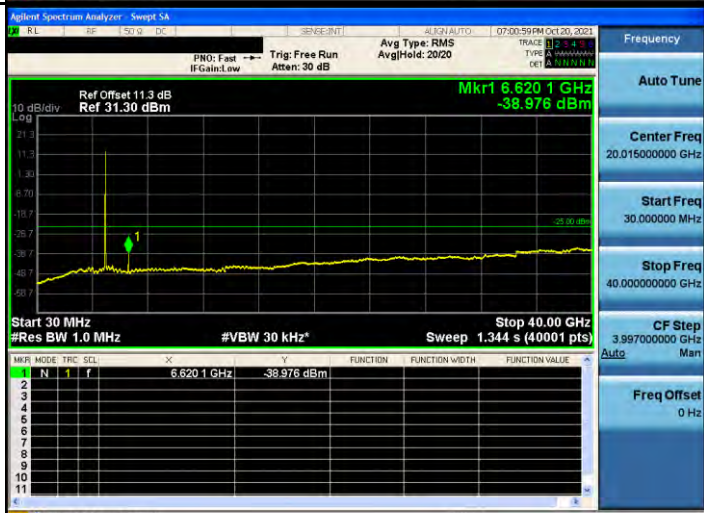
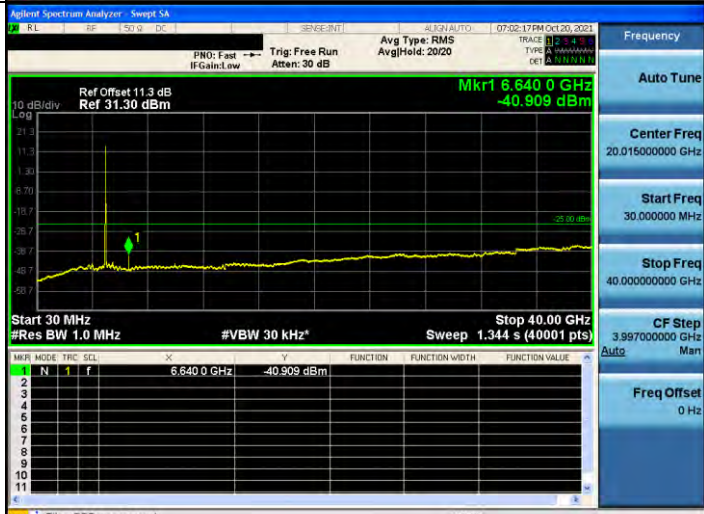


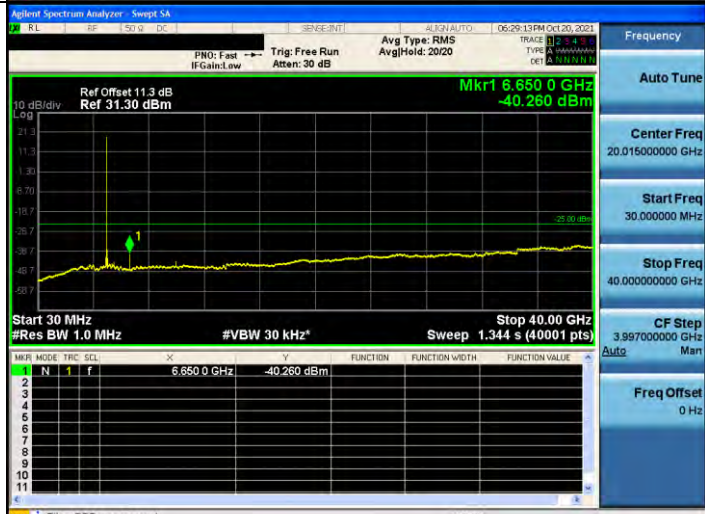
Mode 2: SISO_10 MHz Continuous TX mode (Legacy) _ANT-0		
4945 MHz		
4965 MHz		
4985 MHz		

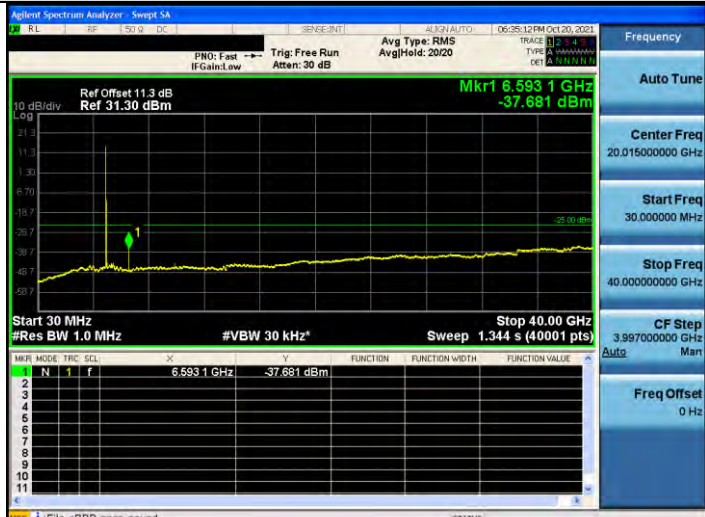
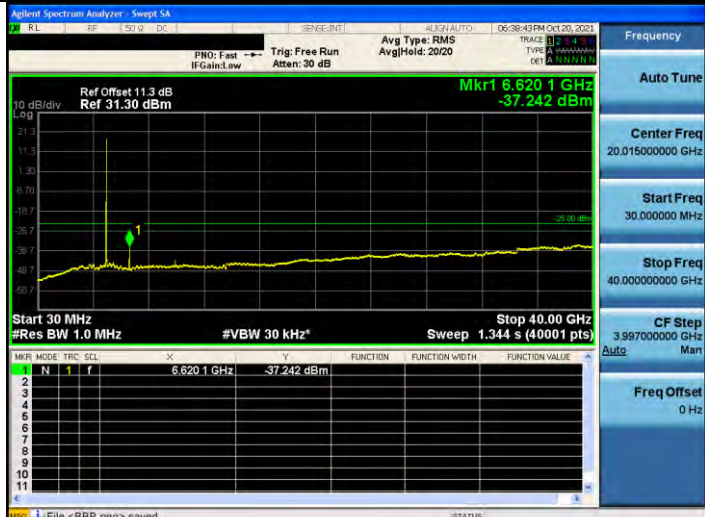
Mode 3: SISO_20 MHz Continuous TX mode (Legacy) _ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

Mode 4: SISO_5 MHz Continuous TX mode_ANT-0		
4942.5 MHz		
4967.5 MHz		
4987.5 MHz		

Mode 5: SISO_10 MHz Continuous TX mode_ANT-0		
4945 MHz		
4965 MHz		
4985 MHz		

Mode 6: SISO_20 MHz Continuous TX mode_ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

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		