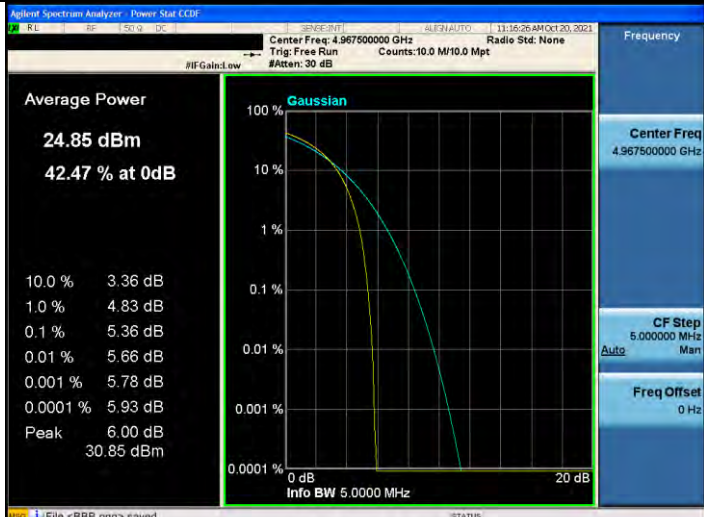


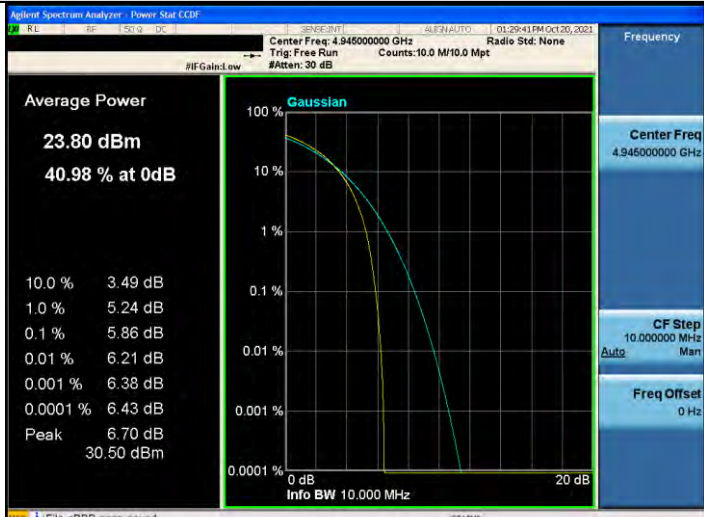
3.4. Peak Excursion

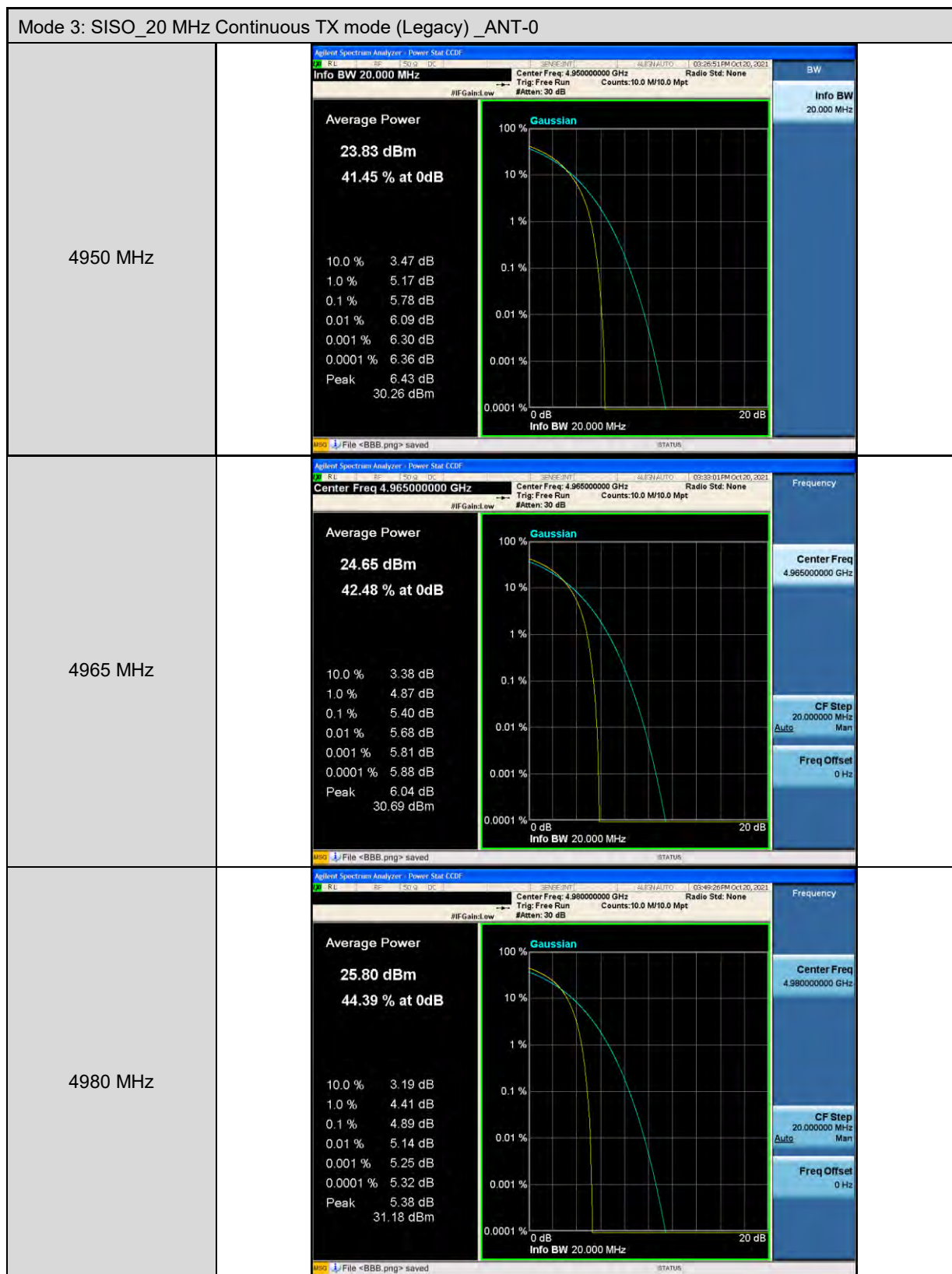
Test Mode	Frequency (MHz)	ANT-0	Limit (dB)
Mode 1	4942.5	5.890	≤ 13.00
	4967.5	5.360	
	4987.5	4.780	
Mode 2	4945.0	5.860	
	4965.0	5.420	
	4985.0	4.770	
Mode 3	4950.0	5.780	
	4965.0	5.400	
	4980.0	4.890	
Mode 4	4942.5	5.840	
	4967.5	6.160	
	4987.5	5.810	
Mode 5	4945.0	5.530	
	4965.0	6.170	
	4985.0	5.820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

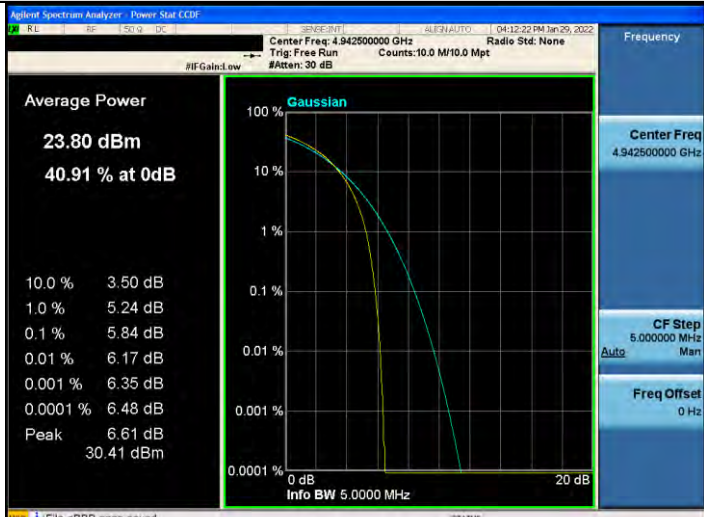
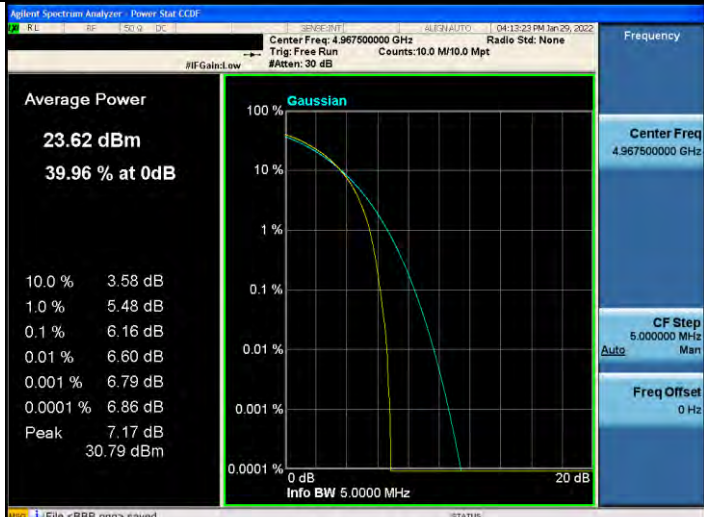
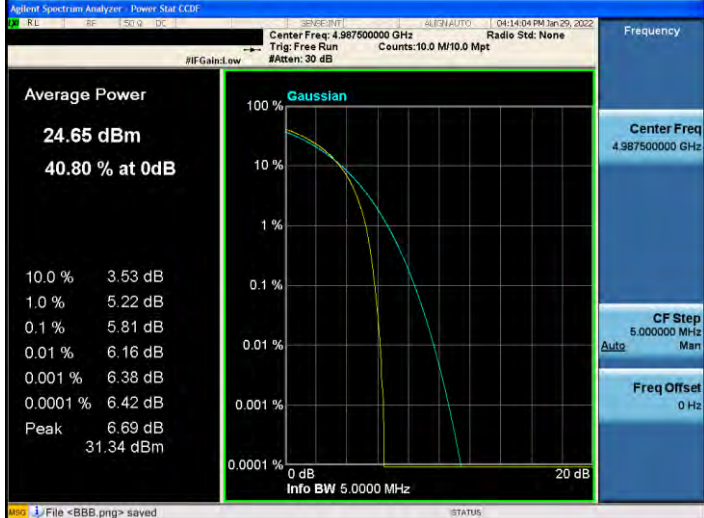
Test Mode	Frequency (MHz)	ANT-0	ANT-1	Limit (dB)
Mode 7	4942.5	6.540	6.790	≤ 13.00
	4967.5	6.040	6.280	
	4987.5	5.810	6.830	
Mode 8	4945.0	6.390	6.610	
	4965.0	4.780	5.720	
	4985.0	5.550	6.290	
Mode 9	4950.0	6.180	6.790	
	4965.0	6.060	6.410	
	4980.0	5.550	5.980	
Mode 10	4942.5	6.350	7.310	
	4967.5	6.590	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	

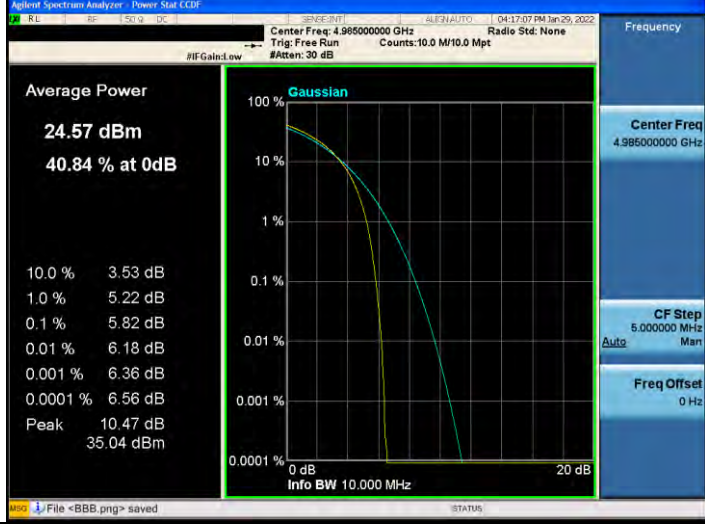
■ Test Graphs

Mode 1: SISO_5 MHz Continuous TX mode (Legacy) _ANT-0		
4942.5 MHz		
4967.5 MHz		
4987.5 MHz		

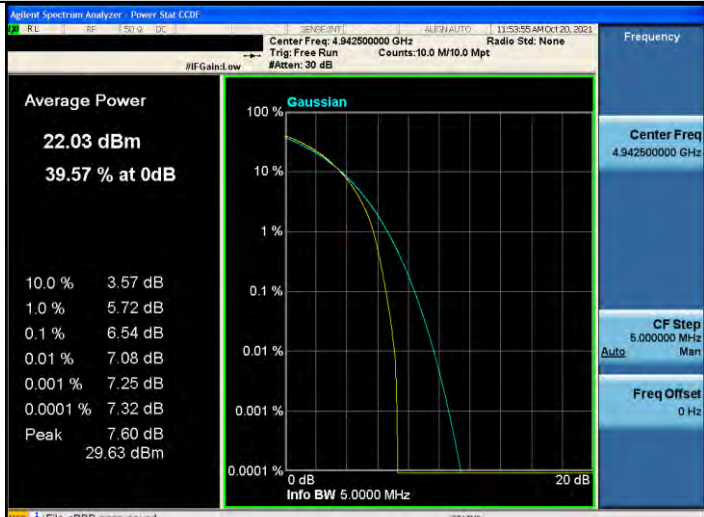
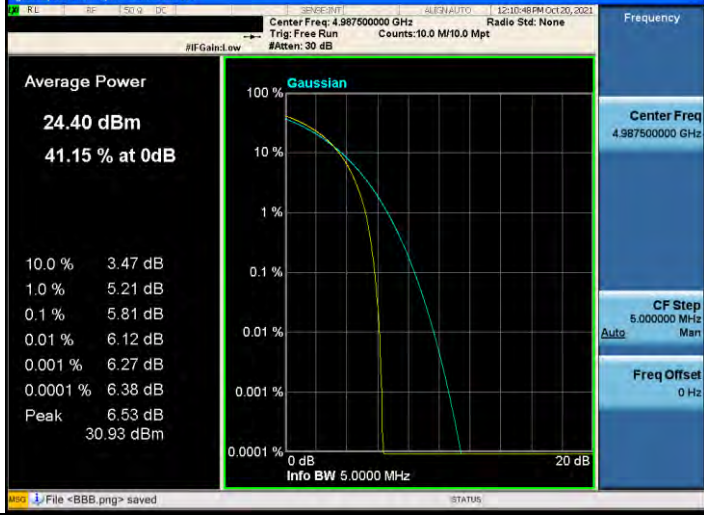
Mode 2: SISO_10 MHz Continuous TX mode (Legacy)_ANT-0		
4945 MHz		
4965 MHz		
4985 MHz		



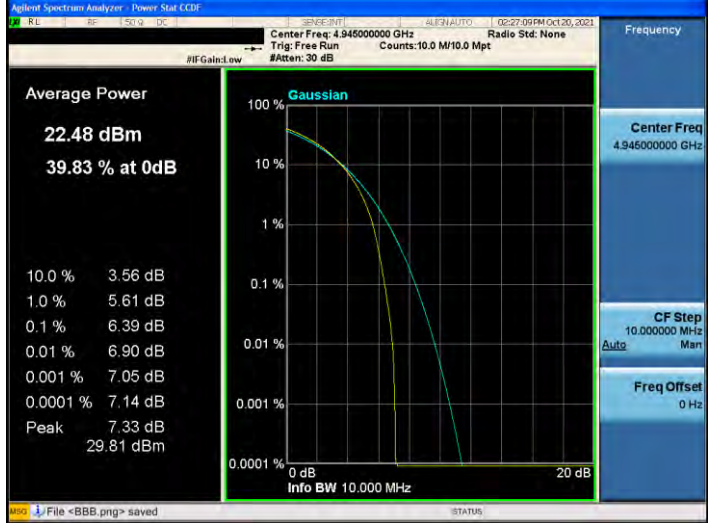
Mode 4: SISO_5 MHz Continuous TX mode_ANT-0		
4942.5 MHz		
4967.5 MHz		
4987.5 MHz		

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

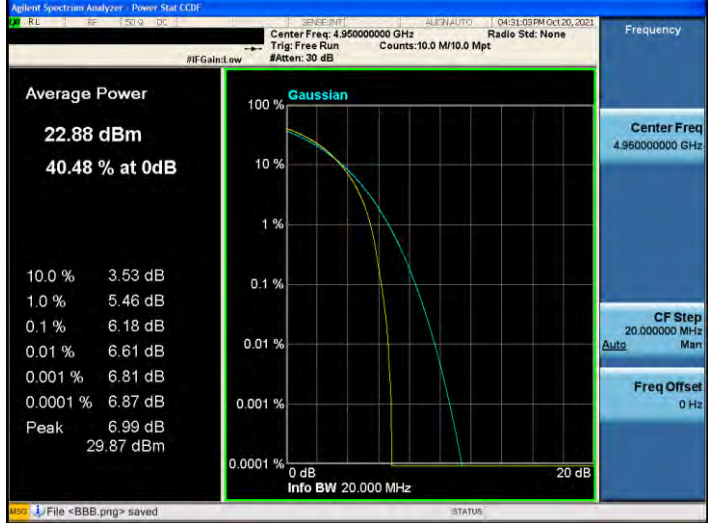
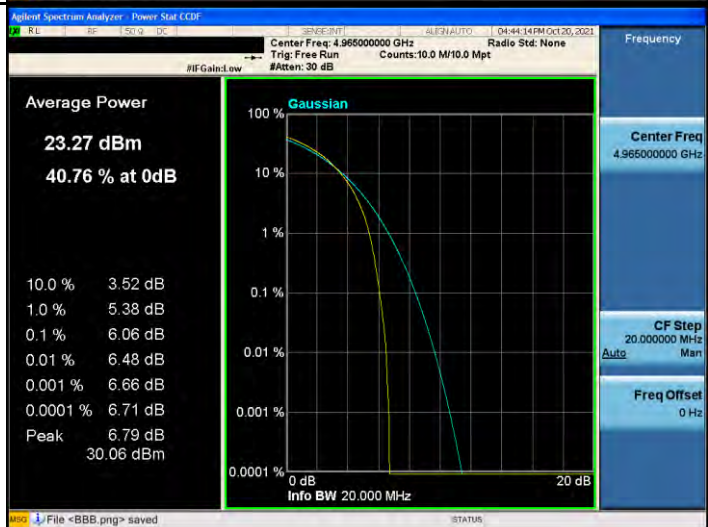
Mode 6: SISO_20 MHz Continuous TX mode_ANT-0																		
4950 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.950000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None #Att: 30 dB Average Power 23.82 dBm 41.34 % at 0dB <table><tr><td>10.0 %</td><td>3.52 dB</td></tr><tr><td>1.0 %</td><td>5.18 dB</td></tr><tr><td>0.1 %</td><td>5.79 dB</td></tr><tr><td>0.01 %</td><td>6.13 dB</td></tr><tr><td>0.001 %</td><td>6.34 dB</td></tr><tr><td>0.0001 %</td><td>6.49 dB</td></tr><tr><td>Peak</td><td>6.61 dB</td></tr><tr><td></td><td>30.43 dBm</td></tr></table> Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 20.000 MHz 20 dB Frequency Center Freq 4.950000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz	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	
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																	
4965 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.965000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None #Att: 30 dB Average Power 24.62 dBm 42.41 % at 0dB <table><tr><td>10.0 %</td><td>3.44 dB</td></tr><tr><td>1.0 %</td><td>4.90 dB</td></tr><tr><td>0.1 %</td><td>5.45 dB</td></tr><tr><td>0.01 %</td><td>5.78 dB</td></tr><tr><td>0.001 %</td><td>5.96 dB</td></tr><tr><td>0.0001 %</td><td>6.15 dB</td></tr><tr><td>Peak</td><td>6.42 dB</td></tr><tr><td></td><td>31.04 dBm</td></tr></table> Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 20.000 MHz 20 dB Frequency Center Freq 4.965000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz	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	
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																	
4980 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.980000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None #Att: 30 dB Average Power 25.70 dBm 44.29 % at 0dB <table><tr><td>10.0 %</td><td>3.26 dB</td></tr><tr><td>1.0 %</td><td>4.48 dB</td></tr><tr><td>0.1 %</td><td>4.98 dB</td></tr><tr><td>0.01 %</td><td>5.27 dB</td></tr><tr><td>0.001 %</td><td>5.46 dB</td></tr><tr><td>0.0001 %</td><td>5.64 dB</td></tr><tr><td>Peak</td><td>5.80 dB</td></tr><tr><td></td><td>31.50 dBm</td></tr></table> Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 20.000 MHz 20 dB Frequency Center Freq 4.980000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz	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	
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																	

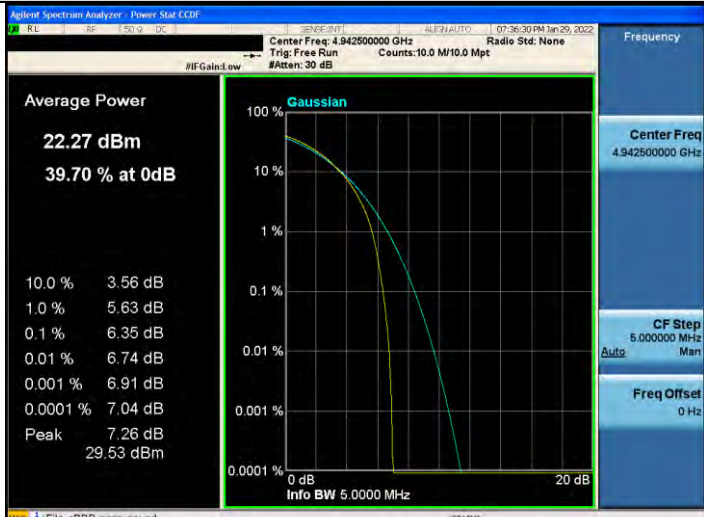
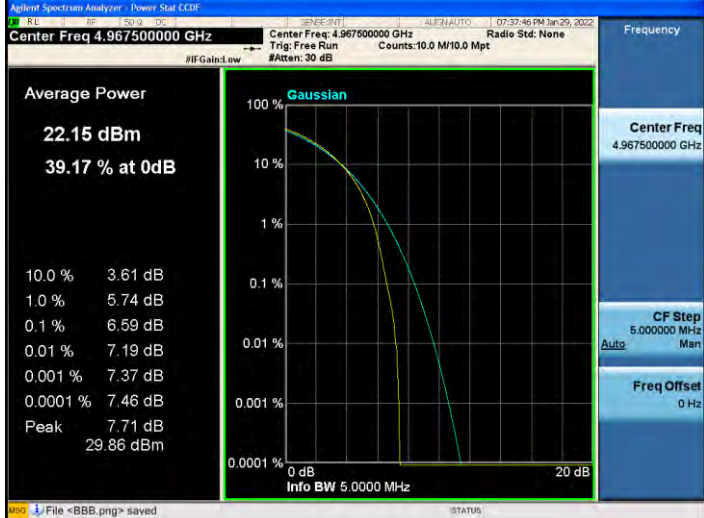
Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-0	
4942.5 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.94250000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None #Att: 30 dB Average Power 22.03 dBm 39.57 % at 0dB 10.0 % 3.57 dB 1.0 % 5.72 dB 0.1 % 6.54 dB 0.01 % 7.08 dB 0.001 % 7.25 dB 0.0001 % 7.32 dB Peak 7.60 dB 29.63 dBm Frequency Center Freq 4.94250000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 5.0000 MHz
4967.5 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.96750000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None #Att: 30 dB Average Power 23.59 dBm 40.52 % at 0dB 10.0 % 3.52 dB 1.0 % 5.39 dB 0.1 % 6.04 dB 0.01 % 6.41 dB 0.001 % 6.60 dB 0.0001 % 6.66 dB Peak 6.88 dB 30.47 dBm Frequency Center Freq 4.96750000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 5.0000 MHz
4987.5 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.98750000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None #Att: 30 dB Average Power 24.40 dBm 41.15 % at 0dB 10.0 % 3.47 dB 1.0 % 5.21 dB 0.1 % 5.81 dB 0.01 % 6.12 dB 0.001 % 6.27 dB 0.0001 % 6.38 dB Peak 6.53 dB 30.93 dBm Frequency Center Freq 4.98750000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Info BW 5.0000 MHz

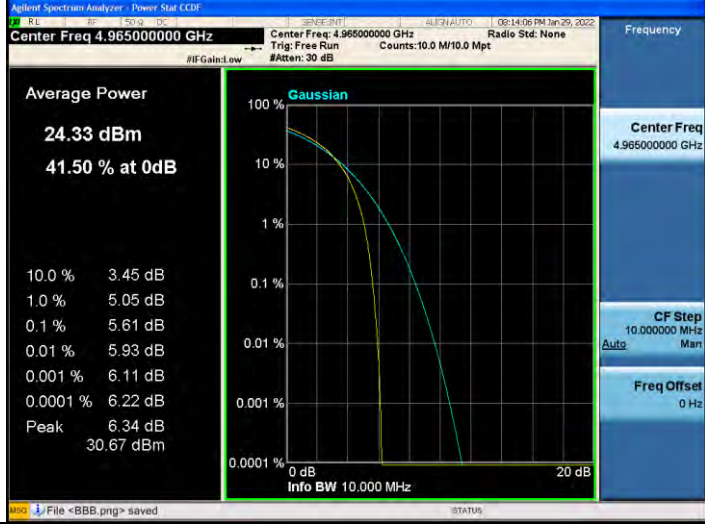
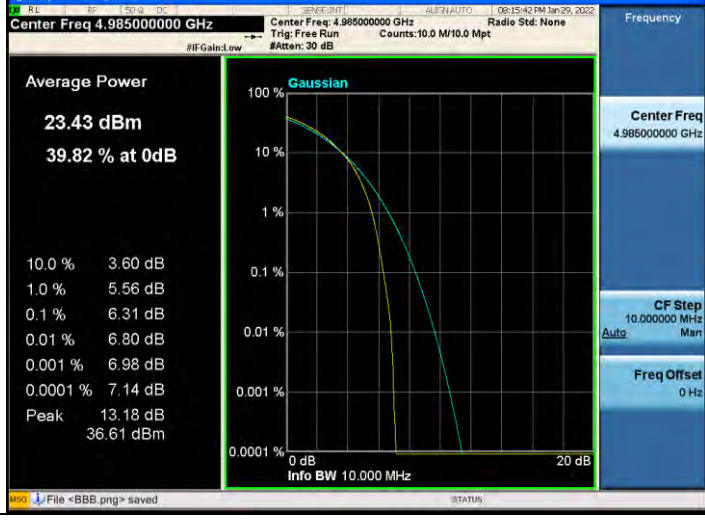
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0

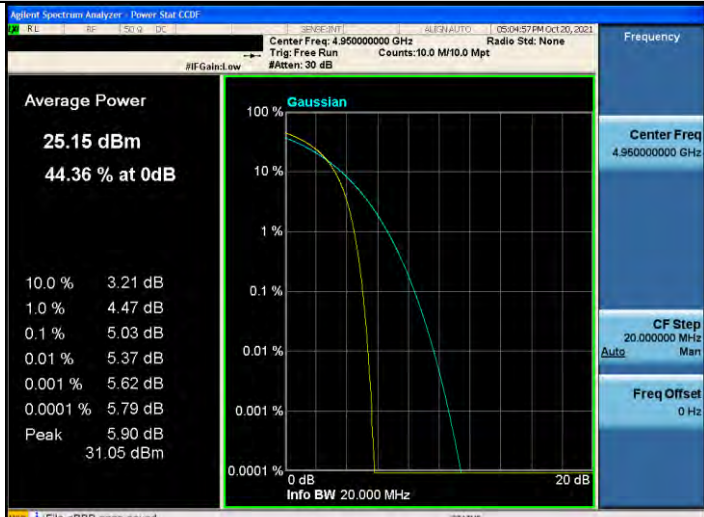
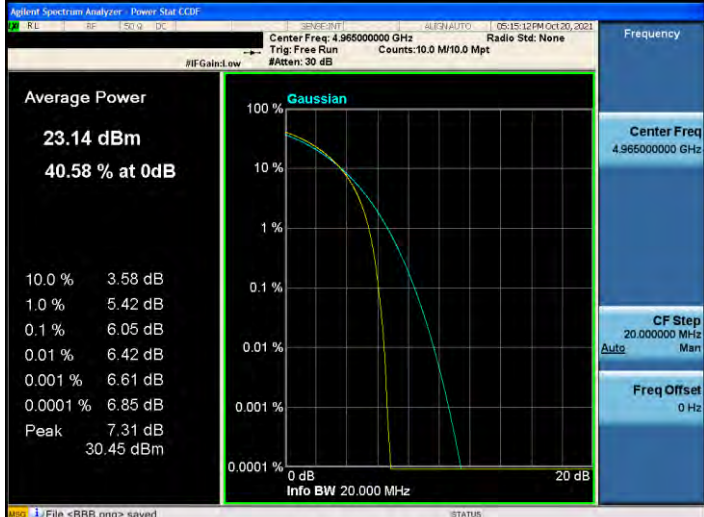
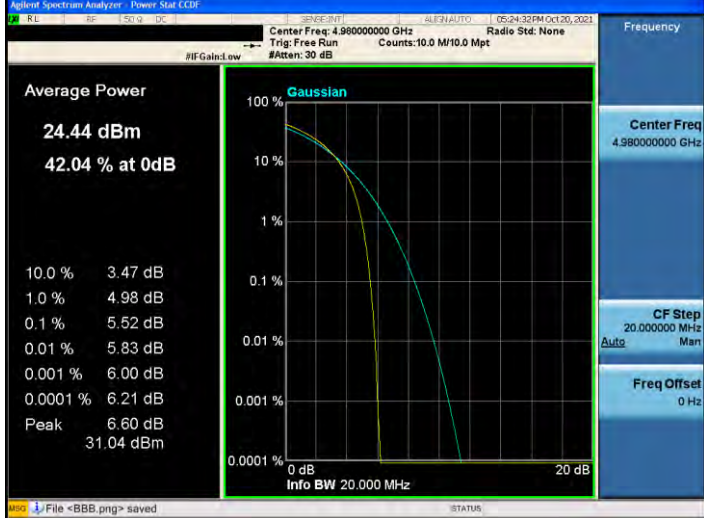
4945 MHz	
4965 MHz	
4985 MHz	

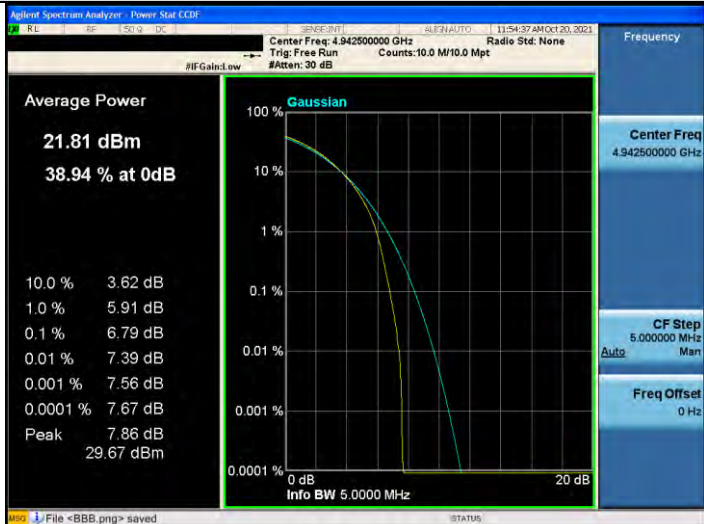
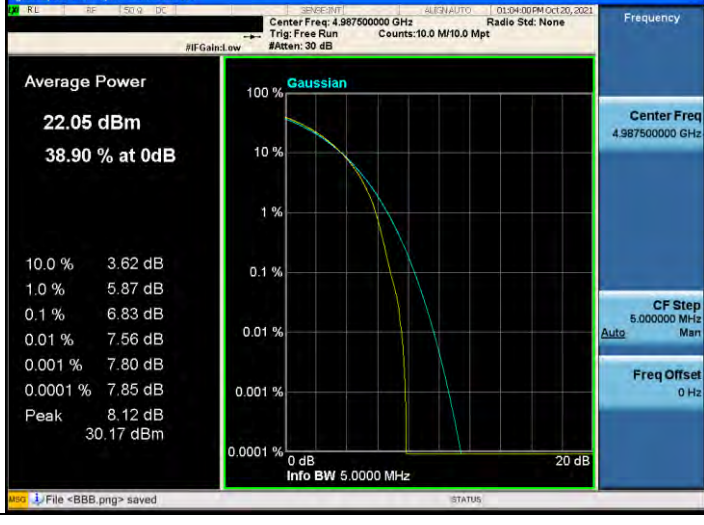
Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-0

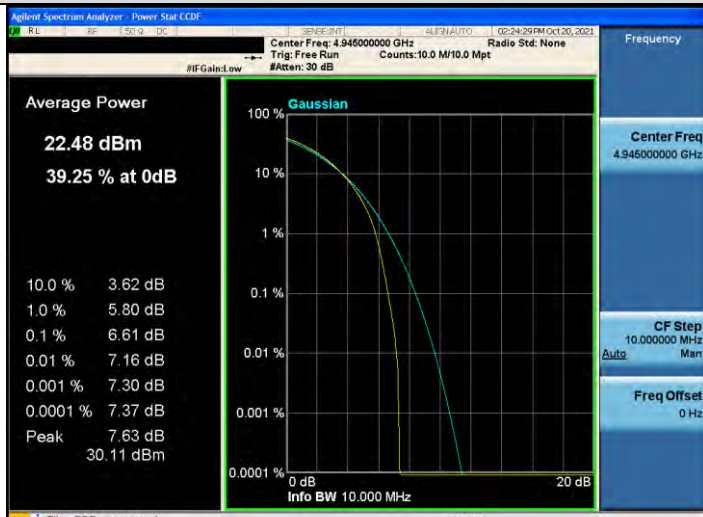
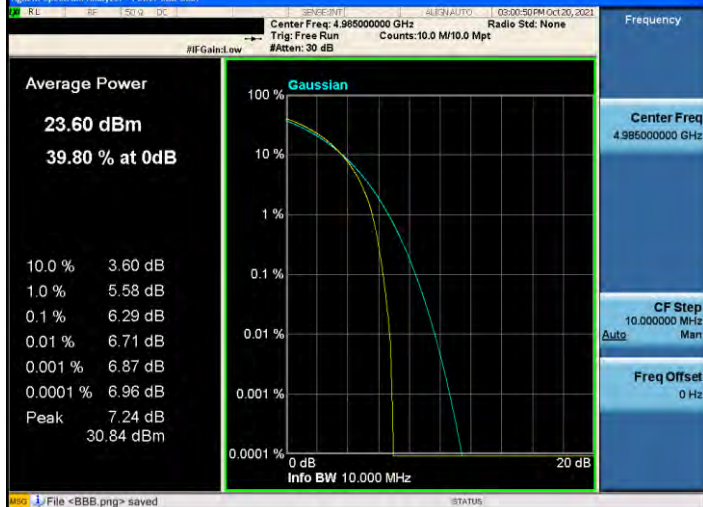
4950 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.95000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Average Power 22.88 dBm 40.48 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.53 dB</td></tr> <tr><td>1.0 %</td><td>5.46 dB</td></tr> <tr><td>0.1 %</td><td>6.18 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> 0 dB 20 dB Info BW 20.000 MHz Frequency Center Freq 4.95000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz	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: 4.96500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Average Power 23.27 dBm 40.76 % at 0dB <table border="1"> <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> 0 dB 20 dB Info BW 20.000 MHz Frequency Center Freq 4.96500000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz	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: 4.98000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Average Power 24.38 dBm 42.03 % at 0dB <table border="1"> <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> 0 dB 20 dB Info BW 20.000 MHz Frequency Center Freq 4.98000000 GHz CF Step 20.000000 MHz Auto Man Freq Offset 0 Hz	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		
4967.5 MHz		
4987.5 MHz		

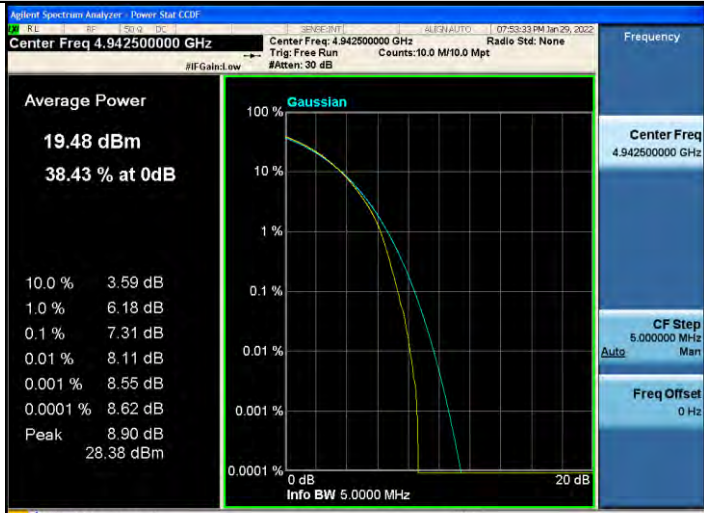
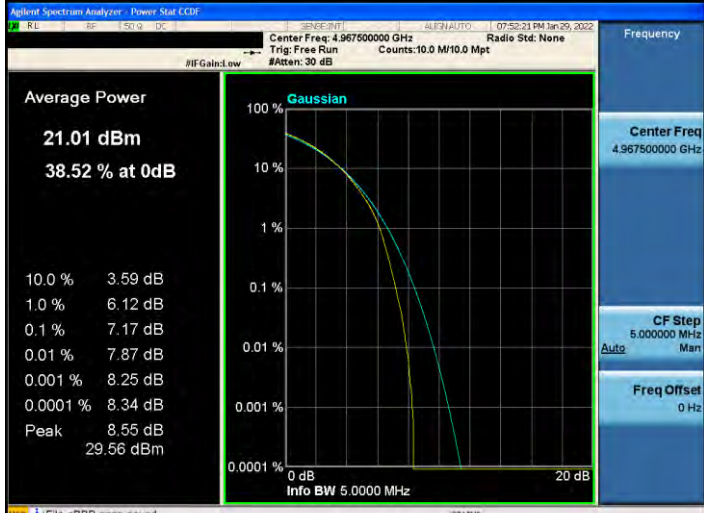
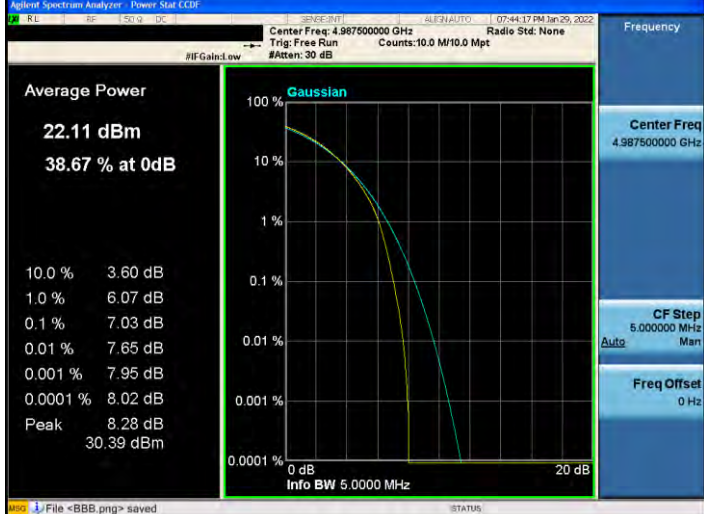
Mode 11: MIMO_10 MHz Continuous TX mode_ANT-0		
4945 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.945000000 GHz Average Power: 23.34 dBm 40.52 % at 0dB 10.0 % 3.53 dB 1.0 % 5.37 dB 0.1 % 6.01 dB 0.01 % 6.41 dB 0.001 % 6.66 dB 0.0001 % 6.73 dB Peak 6.79 dB 30.13 dBm Frequency: 4.945000000 GHz CF Step: 10.000000 MHz Freq Offset: 0 Hz	
4965 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.965000000 GHz Average Power: 24.33 dBm 41.50 % at 0dB 10.0 % 3.45 dB 1.0 % 5.05 dB 0.1 % 5.61 dB 0.01 % 5.93 dB 0.001 % 6.11 dB 0.0001 % 6.22 dB Peak 6.34 dB 30.67 dBm Frequency: 4.965000000 GHz CF Step: 10.000000 MHz Freq Offset: 0 Hz	
4985 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.985000000 GHz Average Power: 23.43 dBm 39.82 % at 0dB 10.0 % 3.60 dB 1.0 % 5.56 dB 0.1 % 6.31 dB 0.01 % 6.80 dB 0.001 % 6.98 dB 0.0001 % 7.14 dB Peak 13.18 dB 36.61 dBm Frequency: 4.985000000 GHz CF Step: 10.000000 MHz Freq Offset: 0 Hz	

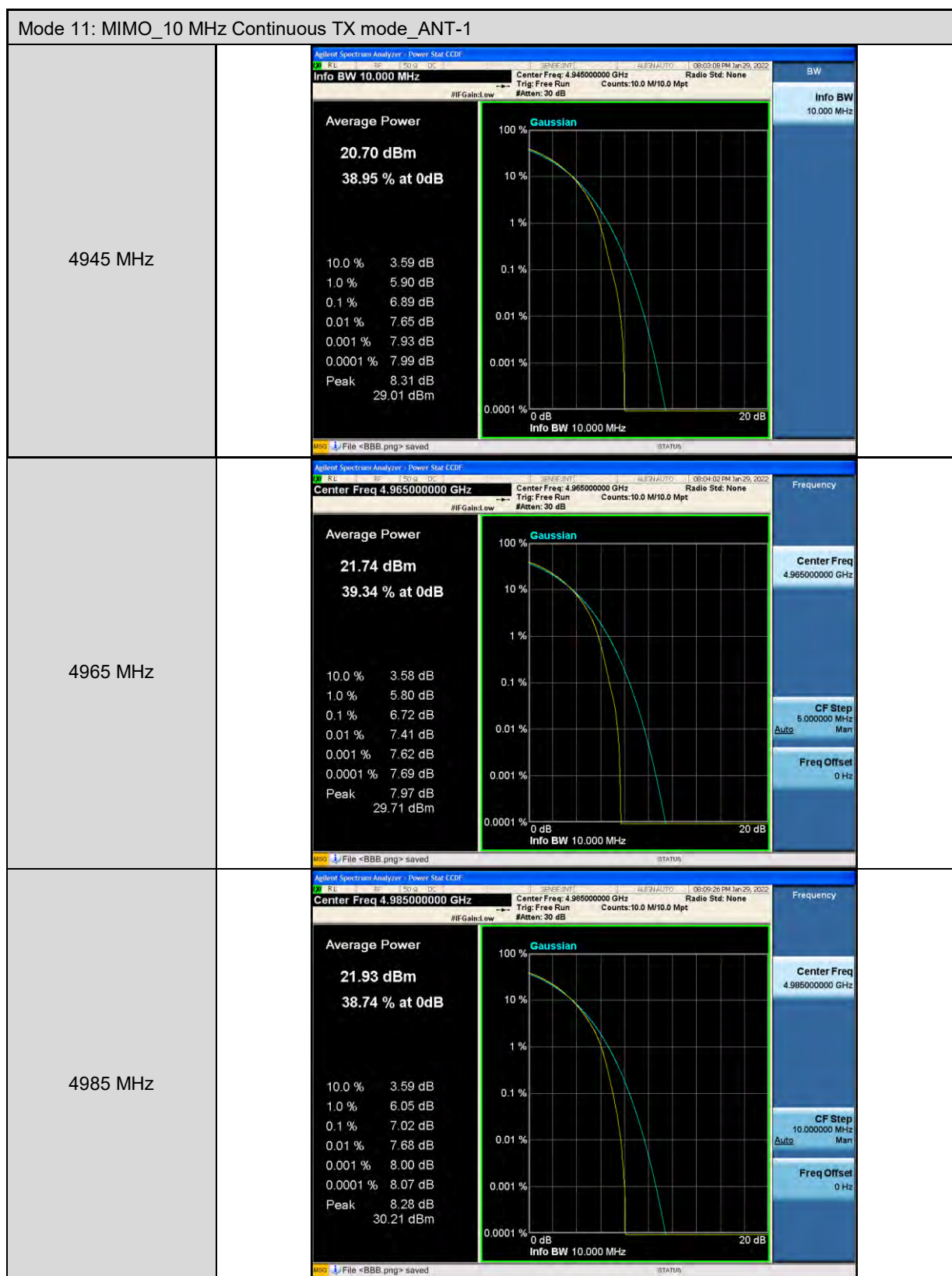
Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

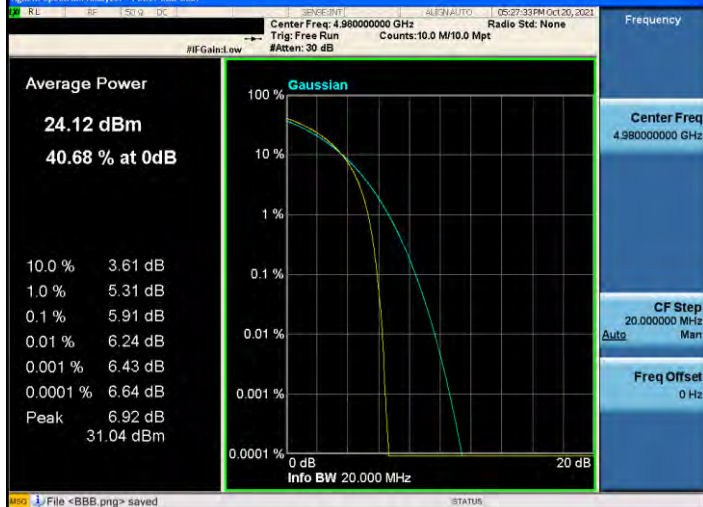
Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-1		
4942.5 MHz		
4967.5 MHz		
4987.5 MHz		

Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-1																		
4945 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.945000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Average Power 22.48 dBm 39.25 % at 0dB <table><tr><td>10.0 %</td><td>3.62 dB</td></tr><tr><td>1.0 %</td><td>5.80 dB</td></tr><tr><td>0.1 %</td><td>6.61 dB</td></tr><tr><td>0.01 %</td><td>7.16 dB</td></tr><tr><td>0.001 %</td><td>7.30 dB</td></tr><tr><td>0.0001 %</td><td>7.37 dB</td></tr><tr><td>Peak</td><td>7.63 dB</td></tr><tr><td></td><td>30.11 dBm</td></tr></table> 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 20 dB Info BW 10.000 MHz Frequency Center Freq 4.945000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz File <BBB.png> saved	10.0 %	3.62 dB	1.0 %	5.80 dB	0.1 %	6.61 dB	0.01 %	7.16 dB	0.001 %	7.30 dB	0.0001 %	7.37 dB	Peak	7.63 dB		30.11 dBm	
10.0 %	3.62 dB																	
1.0 %	5.80 dB																	
0.1 %	6.61 dB																	
0.01 %	7.16 dB																	
0.001 %	7.30 dB																	
0.0001 %	7.37 dB																	
Peak	7.63 dB																	
	30.11 dBm																	
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 Average Power 24.58 dBm 41.34 % at 0dB <table><tr><td>10.0 %</td><td>3.46 dB</td></tr><tr><td>1.0 %</td><td>5.13 dB</td></tr><tr><td>0.1 %</td><td>5.72 dB</td></tr><tr><td>0.01 %</td><td>6.04 dB</td></tr><tr><td>0.001 %</td><td>6.18 dB</td></tr><tr><td>0.0001 %</td><td>6.32 dB</td></tr><tr><td>Peak</td><td>6.42 dB</td></tr><tr><td></td><td>31.00 dBm</td></tr></table> 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 20 dB Info BW 10.000 MHz Frequency Center Freq 4.965000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz File <BBB.png> saved	10.0 %	3.46 dB	1.0 %	5.13 dB	0.1 %	5.72 dB	0.01 %	6.04 dB	0.001 %	6.18 dB	0.0001 %	6.32 dB	Peak	6.42 dB		31.00 dBm	
10.0 %	3.46 dB																	
1.0 %	5.13 dB																	
0.1 %	5.72 dB																	
0.01 %	6.04 dB																	
0.001 %	6.18 dB																	
0.0001 %	6.32 dB																	
Peak	6.42 dB																	
	31.00 dBm																	
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 Average Power 23.60 dBm 39.80 % at 0dB <table><tr><td>10.0 %</td><td>3.60 dB</td></tr><tr><td>1.0 %</td><td>5.58 dB</td></tr><tr><td>0.1 %</td><td>6.29 dB</td></tr><tr><td>0.01 %</td><td>6.71 dB</td></tr><tr><td>0.001 %</td><td>6.87 dB</td></tr><tr><td>0.0001 %</td><td>6.96 dB</td></tr><tr><td>Peak</td><td>7.24 dB</td></tr><tr><td></td><td>30.84 dBm</td></tr></table> 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 20 dB Info BW 10.000 MHz Frequency Center Freq 4.985000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz File <BBB.png> saved	10.0 %	3.60 dB	1.0 %	5.58 dB	0.1 %	6.29 dB	0.01 %	6.71 dB	0.001 %	6.87 dB	0.0001 %	6.96 dB	Peak	7.24 dB		30.84 dBm	
10.0 %	3.60 dB																	
1.0 %	5.58 dB																	
0.1 %	6.29 dB																	
0.01 %	6.71 dB																	
0.001 %	6.87 dB																	
0.0001 %	6.96 dB																	
Peak	7.24 dB																	
	30.84 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 04:25:18 PM Oct 20, 2021 #IF Gain: Low Average Power 21.95 dBm 39.07 % at 0dB <table><tr><td>10.0 %</td><td>3.62 dB</td></tr><tr><td>1.0 %</td><td>5.92 dB</td></tr><tr><td>0.1 %</td><td>6.79 dB</td></tr><tr><td>0.01 %</td><td>7.35 dB</td></tr><tr><td>0.001 %</td><td>7.56 dB</td></tr><tr><td>0.0001 %</td><td>7.60 dB</td></tr><tr><td>Peak</td><td>7.77 dB</td></tr><tr><td></td><td>29.72 dBm</td></tr></table> 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 20.000000 MHz Auto Man Freq Offset 0 Hz	10.0 %	3.62 dB	1.0 %	5.92 dB	0.1 %	6.79 dB	0.01 %	7.35 dB	0.001 %	7.56 dB	0.0001 %	7.60 dB	Peak	7.77 dB		29.72 dBm	
10.0 %	3.62 dB																	
1.0 %	5.92 dB																	
0.1 %	6.79 dB																	
0.01 %	7.35 dB																	
0.001 %	7.56 dB																	
0.0001 %	7.60 dB																	
Peak	7.77 dB																	
	29.72 dBm																	
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 04:27:35 PM Oct 20, 2021 #IF Gain: Low Average Power 22.89 dBm 39.72 % at 0dB <table><tr><td>10.0 %</td><td>3.60 dB</td></tr><tr><td>1.0 %</td><td>5.65 dB</td></tr><tr><td>0.1 %</td><td>6.41 dB</td></tr><tr><td>0.01 %</td><td>6.91 dB</td></tr><tr><td>0.001 %</td><td>7.07 dB</td></tr><tr><td>0.0001 %</td><td>7.16 dB</td></tr><tr><td>Peak</td><td>7.29 dB</td></tr><tr><td></td><td>30.18 dBm</td></tr></table> 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 20.000000 MHz Auto Man Freq Offset 0 Hz	10.0 %	3.60 dB	1.0 %	5.65 dB	0.1 %	6.41 dB	0.01 %	6.91 dB	0.001 %	7.07 dB	0.0001 %	7.16 dB	Peak	7.29 dB		30.18 dBm	
10.0 %	3.60 dB																	
1.0 %	5.65 dB																	
0.1 %	6.41 dB																	
0.01 %	6.91 dB																	
0.001 %	7.07 dB																	
0.0001 %	7.16 dB																	
Peak	7.29 dB																	
	30.18 dBm																	
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 04:56:28 PM Oct 20, 2021 #IF Gain: Low Average Power 24.00 dBm 40.56 % at 0dB <table><tr><td>10.0 %</td><td>3.55 dB</td></tr><tr><td>1.0 %</td><td>5.33 dB</td></tr><tr><td>0.1 %</td><td>5.98 dB</td></tr><tr><td>0.01 %</td><td>6.41 dB</td></tr><tr><td>0.001 %</td><td>6.55 dB</td></tr><tr><td>0.0001 %</td><td>6.62 dB</td></tr><tr><td>Peak</td><td>6.74 dB</td></tr><tr><td></td><td>30.74 dBm</td></tr></table> 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 20.000000 MHz Auto Man Freq Offset 0 Hz	10.0 %	3.55 dB	1.0 %	5.33 dB	0.1 %	5.98 dB	0.01 %	6.41 dB	0.001 %	6.55 dB	0.0001 %	6.62 dB	Peak	6.74 dB		30.74 dBm	
10.0 %	3.55 dB																	
1.0 %	5.33 dB																	
0.1 %	5.98 dB																	
0.01 %	6.41 dB																	
0.001 %	6.55 dB																	
0.0001 %	6.62 dB																	
Peak	6.74 dB																	
	30.74 dBm																	

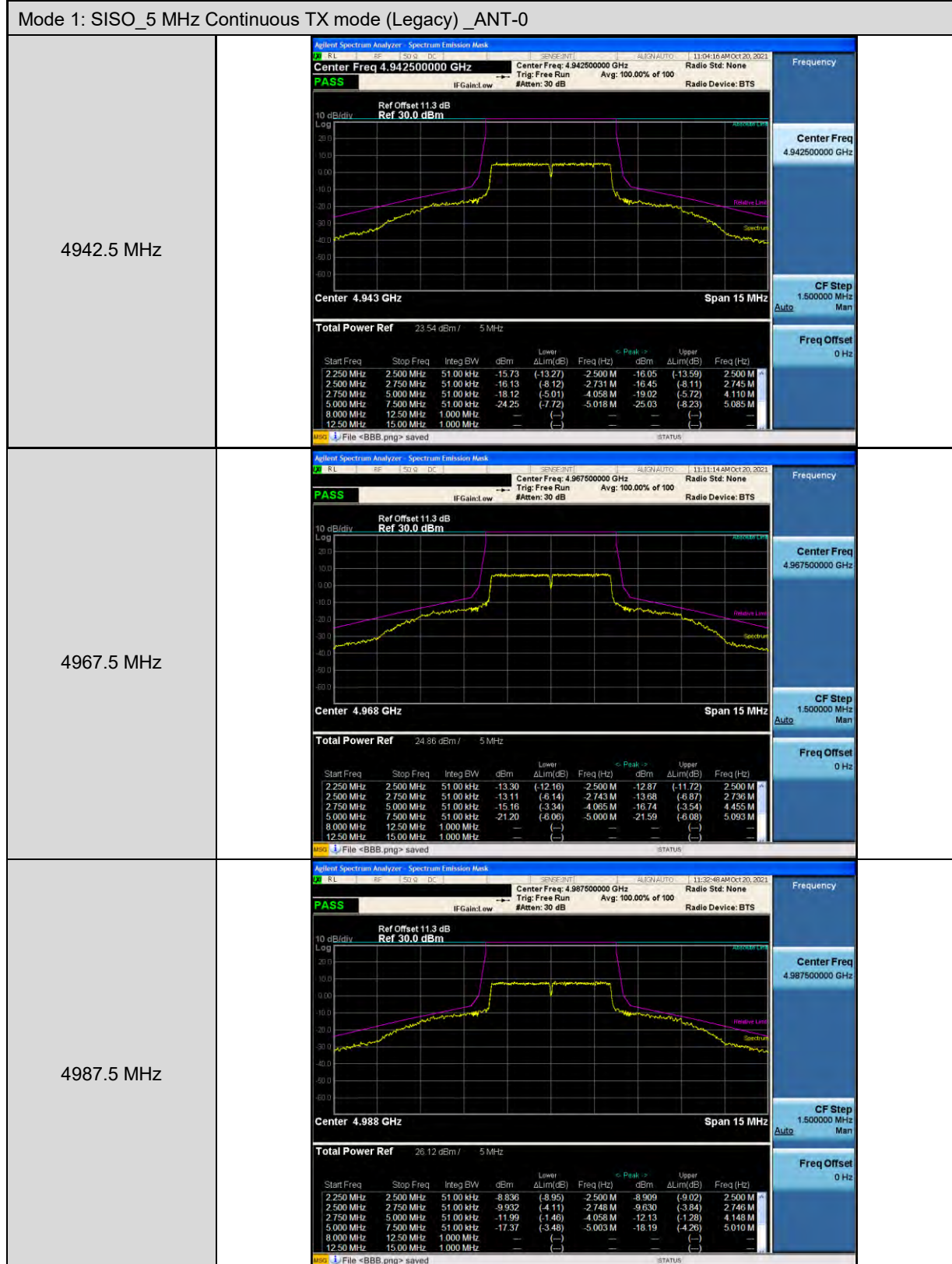
Mode 10: MIMO_5 MHz Continuous TX mode_ANT-1		
4942.5 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.942500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Att: 30 dB Average Power 19.48 dBm 38.43 % at 0dB 10.0 % 3.59 dB 1.0 % 6.18 dB 0.1 % 7.31 dB 0.01 % 8.11 dB 0.001 % 8.55 dB 0.0001 % 8.62 dB Peak 8.90 dB 28.38 dBm Frequency Center Freq 4.942500000 GHz CF Step 5.000000 MHz Freq Offset 0 Hz Info BW 5.0000 MHz	
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 21.01 dBm 38.52 % at 0dB 10.0 % 3.59 dB 1.0 % 6.12 dB 0.1 % 7.17 dB 0.01 % 7.87 dB 0.001 % 8.25 dB 0.0001 % 8.34 dB Peak 8.55 dB 29.56 dBm Frequency Center Freq 4.967500000 GHz CF Step 5.000000 MHz Freq Offset 0 Hz Info BW 5.0000 MHz	
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 22.11 dBm 38.67 % at 0dB 10.0 % 3.60 dB 1.0 % 6.07 dB 0.1 % 7.03 dB 0.01 % 7.65 dB 0.001 % 7.95 dB 0.0001 % 8.02 dB Peak 8.28 dB 30.39 dBm Frequency Center Freq 4.987500000 GHz CF Step 5.000000 MHz Freq Offset 0 Hz Info BW 5.0000 MHz	



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

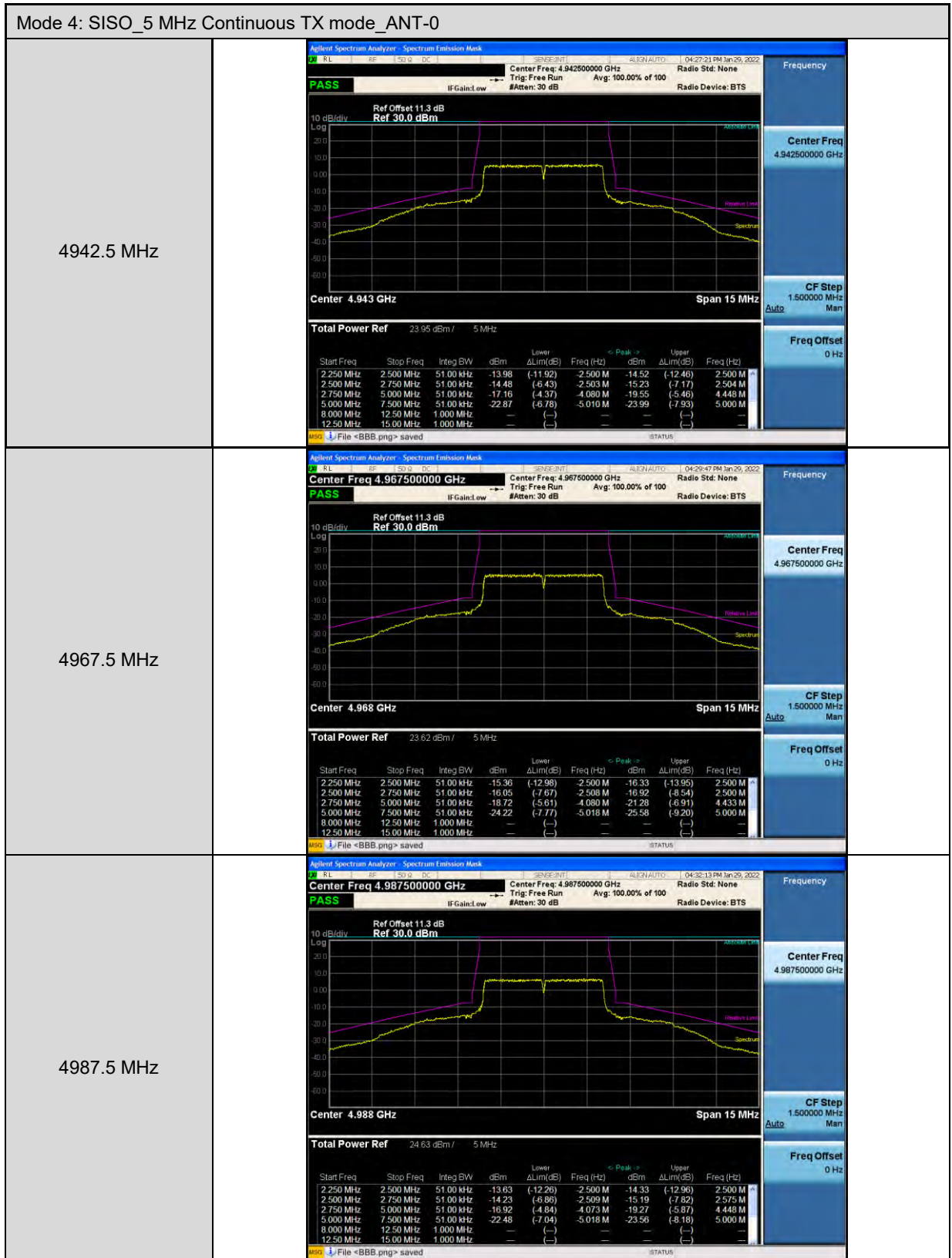
3.5. Channel Mask

Test Graphs



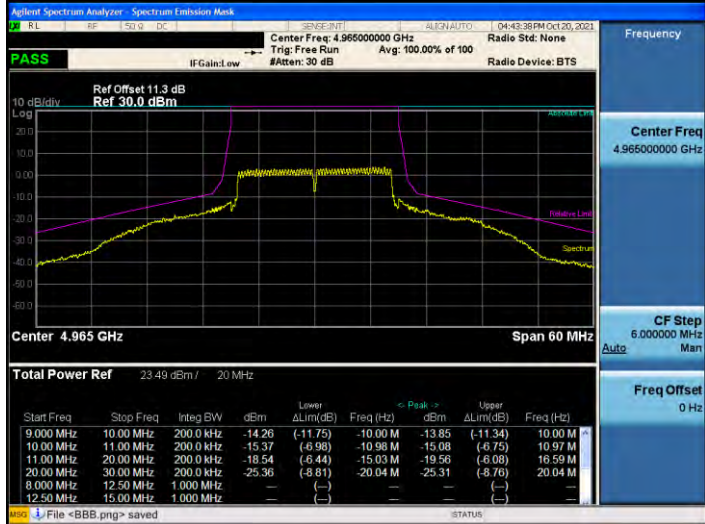
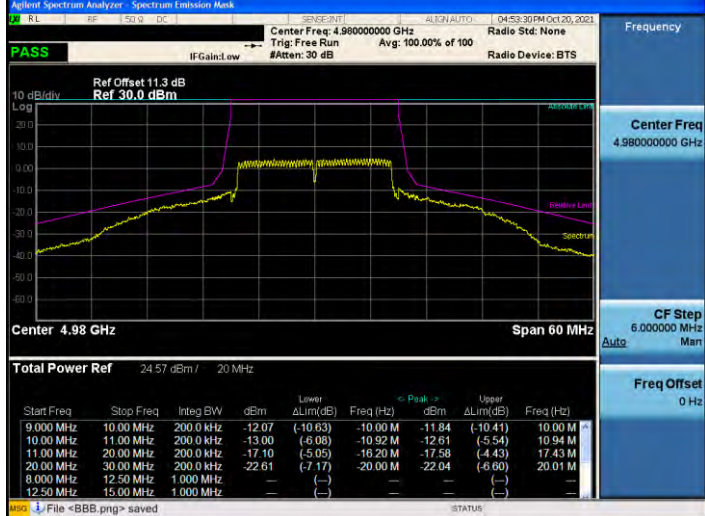
Mode 3: SISO_20 MHz Continuous TX mode (Legacy)_ANT-0

4950 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask RL SP 500 DC SENSE:INT ALGN: AUTO 09:25:45 PM Oct 20, 2021 Center Freq: 4.950000000 GHz Trig: Free Run Avg: 100.00% of 100 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.0 dBm 10 dB/div Log <
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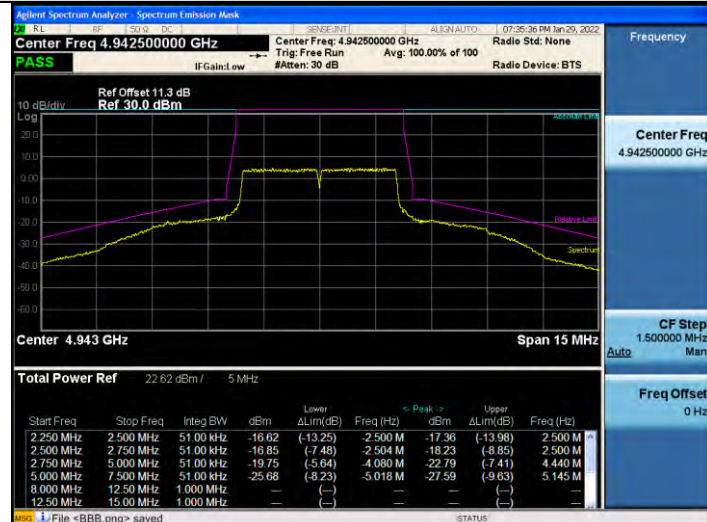
Mode 5: SISO_10 MHz Continuous TX mode_ANT-0

4945 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask SENSE:RTN ALGN: AUTO 04:40:36 PM Jan 29, 2022 21 RF 150.0 DC 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 Center 4.945 GHz Span 30 MHz Total Power Ref 24.35 dBm / 10 MHz <table><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 dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><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></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></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></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></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></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	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 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)																																																								
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4965 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask SENSE:RTN ALGN: AUTO 04:40:39 PM Jan 29, 2022 21 RF 150.0 DC 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 Center 4.965 GHz Span 30 MHz Total Power Ref 23.47 dBm / 10 MHz <table><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 dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><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></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></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></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></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></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	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 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)																																																								
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4985 MHz	Agilent Spectrum Analyzer - Spectrum Emission Mask SENSE:RTN ALGN: AUTO 04:44:46 PM Jan 29, 2022 21 RF 150.0 DC 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 Center 4.985 GHz Span 30 MHz Total Power Ref 24.47 dBm / 10 MHz <table><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 dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><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></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></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></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></tr><tr><td>8.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr><tr><td>12.50 MHz</td><td>15.00 MHz</td><td>1.000 MHz</td><td>—</td><td>(—)</td><td>—</td><td>—</td><td>(—)</td><td>—</td></tr></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	8.000 MHz	12.50 MHz	1.000 MHz	—	(—)	—	—	(—)	—	12.50 MHz	15.00 MHz	1.000 MHz	—	(—)	—	—	(—)	—
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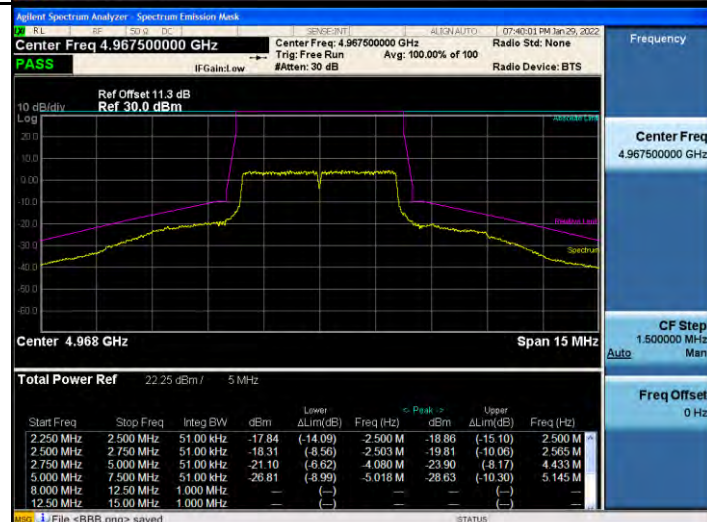
Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0

4942.5 MHz



4967.5 MHz



4987.5 MHz



