

3.3. Emission Bandwidth & Occupied Bandwidth

Module: RJ-2002

Test Mode	Frequency (MHz)	26 dB RF Bandwidth	99 % Occupied Bandwidth
		ANT-0 (MHz)	ANT-0 (MHz)
Mode 1	4942.5	9.267	4.607
	4967.5	9.046	4.716
	4987.5	9.433	4.339
Mode 2	4945.0	18.060	9.362
	4965.0	16.950	8.867
	4985.0	18.780	9.585
Mode 3	4950.0	36.250	19.874
	4965.0	35.310	19.796
	4980.0	35.460	18.688
Mode 4	4942.5	7.136	4.281
	4967.5	9.184	4.698
	4987.5	8.716	4.484
Mode 5	4945.0	19.070	9.530
	4965.0	18.170	9.609
	4985.0	18.710	9.394
Mode 6	4950.0	37.870	19.710
	4965.0	37.660	19.319
	4980.0	37.510	19.523

Test Mode	Frequency (MHz)	26 dB RF Bandwidth		99 % Occupied Bandwidth	
		ANT-0 (MHz)	ANT-1 (MHz)	ANT-0 (MHz)	ANT-1 (MHz)
Mode 7	4942.5	9.463	9.307	4.611	4.753
	4967.5	8.775	8.148	4.368	4.243
	4987.5	9.756	9.294	4.891	4.387
Mode 8	4945.0	19.020	15.600	9.244	8.506
	4965.0	18.470	17.230	9.795	8.520
	4985.0	18.600	13.550	9.115	8.552
Mode 9	4950.0	35.120	31.070	19.163	17.348
	4965.0	35.020	34.280	19.009	17.367
	4980.0	34.750	28.360	18.527	17.475
Mode 10	4942.5	8.937	6.999	4.595	4.274
	4967.5	9.047	6.181	4.346	4.255
	4987.5	8.976	8.587	4.476	4.266
Mode 11	4945.0	18.900	14.690	9.245	8.487
	4965.0	17.490	14.330	9.014	8.539
	4985.0	18.920	15.250	9.785	8.546
Mode 12	4950.0	37.480	32.490	19.668	18.397
	4965.0	30.330	25.970	18.469	18.354
	4980.0	38.460	29.090	19.435	18.453

Module: RJ-1705

Test Mode	Frequency (MHz)	26 dB RF Bandwidth	99 % Occupied Bandwidth
		ANT-0 (MHz)	ANT-0 (MHz)
Mode 1	4942.5	8.483	4.352
	4967.5	9.431	4.527
	4987.5	9.045	4.308
Mode 2	4945.0	18.810	9.428
	4965.0	19.110	8.728
	4985.0	18.590	8.670
Mode 3	4950.0	35.830	18.869
	4965.0	34.070	18.891
	4980.0	33.910	18.629
Mode 4	4942.5	8.582	4.618
	4967.5	9.589	4.688
	4987.5	7.589	4.602
Mode 5	4945.0	17.590	9.311
	4965.0	16.740	9.387
	4985.0	16.560	8.993
Mode 6	4950.0	36.180	18.908
	4965.0	33.450	18.384
	4980.0	33.670	18.603

Test Mode	Frequency (MHz)	26 dB RF Bandwidth		99 % Occupied Bandwidth	
		ANT-0 (MHz)	ANT-1 (MHz)	ANT-0 (MHz)	ANT-1 (MHz)
Mode 7	4942.5	9.488	9.236	4.667	4.955
	4967.5	9.454	8.531	4.828	4.430
	4987.5	8.978	8.587	4.689	4.468
Mode 8	4945.0	19.120	17.100	9.475	9.889
	4965.0	19.060	18.410	9.424	9.238
	4985.0	16.460	18.590	8.755	8.930
Mode 9	4950.0	34.040	31.520	18.623	17.833
	4965.0	35.840	33.210	18.519	18.760
	4980.0	32.590	32.390	18.524	18.334
Mode 10	4942.5	8.959	8.918	4.653	4.377
	4967.5	9.097	8.578	4.493	4.307
	4987.5	8.266	8.092	4.417	4.281
Mode 11	4945.0	16.520	18.540	8.975	8.711
	4965.0	18.510	17.280	9.410	8.939
	4985.0	17.610	17.590	8.764	8.666
Mode 12	4950.0	36.630	36.250	18.773	18.977
	4965.0	38.430	38.960	18.960	19.064
	4980.0	35.830	31.200	18.451	18.200

Module: RJ-2002

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

4950 MHz	 Center Frequency: 4.950000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Auto Man Freq Offset: 0 Hz Occupied Bandwidth: 19.874 MHz Total Power: 31.1 dBm Transmit Freq Error: 662.78 kHz % of OBW Power: 99.00 % x dB Bandwidth: 36.25 MHz x dB: -26.00 dB Nov 18, 2022 10:50:42 AM
4965 MHz	 Center Frequency: 4.965000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Auto Man Freq Offset: 0 Hz Occupied Bandwidth: 19.796 MHz Total Power: 31.2 dBm Transmit Freq Error: 652.32 kHz % of OBW Power: 99.00 % x dB Bandwidth: 35.31 MHz x dB: -26.00 dB Nov 18, 2022 10:52:51 AM
4980 MHz	 Center Frequency: 4.980000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Auto Man Freq Offset: 0 Hz Occupied Bandwidth: 18.688 MHz Total Power: 31.2 dBm Transmit Freq Error: 279.00 kHz % of OBW Power: 99.00 % x dB Bandwidth: 35.46 MHz x dB: -26.00 dB Nov 18, 2022 10:54:53 AM

Mode 4: SISO_5 MHz Continuous TX mode_ANT-0

4942.5 MHz



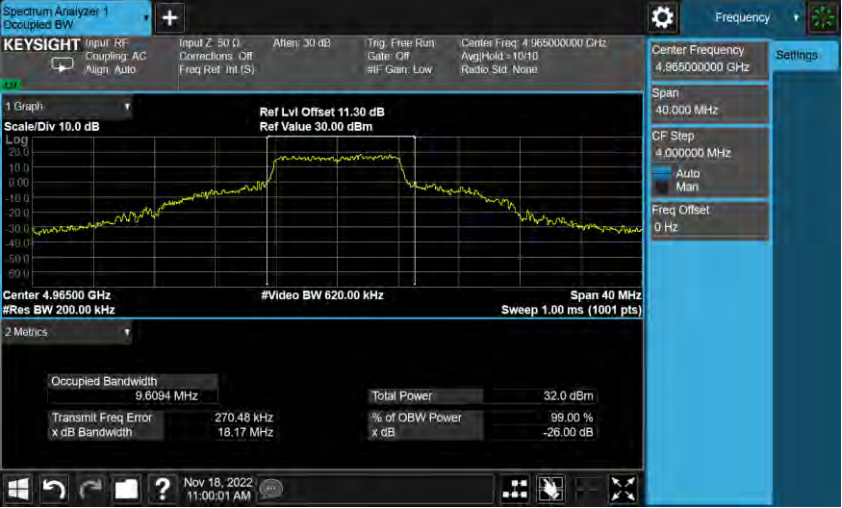
4967.5 MHz



4987.5 MHz



Mode 5: SISO_10 MHz Continuous TX mode_ANT-0

4945 MHz	 Center Frequency: 4.94500000 GHz Span: 40.000 MHz CF Step: 4.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 9.5299 MHz Total Power: 31.5 dBm Transmit Freq Error: 248.20 kHz % of OBW Power: 99.00 % x dB Bandwidth: 19.07 MHz x dB: -26.00 dB
4965 MHz	 Center Frequency: 4.96500000 GHz Span: 40.000 MHz CF Step: 4.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 9.6094 MHz Total Power: 32.0 dBm Transmit Freq Error: 270.48 kHz % of OBW Power: 99.00 % x dB Bandwidth: 18.17 MHz x dB: -26.00 dB
4985 MHz	 Center Frequency: 4.98500000 GHz Span: 40.000 MHz CF Step: 4.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 9.3936 MHz Total Power: 32.1 dBm Transmit Freq Error: 253.01 kHz % of OBW Power: 99.00 % x dB Bandwidth: 18.71 MHz x dB: -26.00 dB

Mode 6: SISO_20 MHz Continuous TX mode_ANT-0

4950 MHz	 Center Frequency: 4.950000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Auto Man Freq Offset: 0 Hz Occupied Bandwidth: 19.710 MHz Total Power: 30.4 dBm Transmit Freq Error: 453.36 kHz % of OBW Power: 99.00 % x dB Bandwidth: 37.87 MHz x dB: -26.00 dB Nov 18, 2022 11:02:33 AM
4965 MHz	 Center Frequency: 4.965000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Auto Man Freq Offset: 0 Hz Occupied Bandwidth: 19.319 MHz Total Power: 30.5 dBm Transmit Freq Error: 314.97 kHz % of OBW Power: 99.00 % x dB Bandwidth: 37.66 MHz x dB: -26.00 dB Nov 18, 2022 11:04:19 AM
4980 MHz	 Center Frequency: 4.980000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Auto Man Freq Offset: 0 Hz Occupied Bandwidth: 19.523 MHz Total Power: 30.7 dBm Transmit Freq Error: 334.29 kHz % of OBW Power: 99.00 % x dB Bandwidth: 37.51 MHz x dB: -26.00 dB Nov 18, 2022 11:06:03 AM

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	 Center 4.94500 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics <table><tr><td>Occupied Bandwidth</td><td>9.2436 MHz</td><td>Total Power</td><td>30.7 dBm</td></tr><tr><td>Transmit Freq Error</td><td>243.23 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>19.02 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Nov 18, 2022 1:43:03 PM	Occupied Bandwidth	9.2436 MHz	Total Power	30.7 dBm	Transmit Freq Error	243.23 kHz	% of OBW Power	99.00 %	x dB Bandwidth	19.02 MHz	x dB	-26.00 dB
Occupied Bandwidth	9.2436 MHz	Total Power	30.7 dBm										
Transmit Freq Error	243.23 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	19.02 MHz	x dB	-26.00 dB										
4965 MHz	 Center 4.96500 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics <table><tr><td>Occupied Bandwidth</td><td>9.7945 MHz</td><td>Total Power</td><td>31.7 dBm</td></tr><tr><td>Transmit Freq Error</td><td>287.67 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>18.47 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Nov 18, 2022 1:44:45 PM	Occupied Bandwidth	9.7945 MHz	Total Power	31.7 dBm	Transmit Freq Error	287.67 kHz	% of OBW Power	99.00 %	x dB Bandwidth	18.47 MHz	x dB	-26.00 dB
Occupied Bandwidth	9.7945 MHz	Total Power	31.7 dBm										
Transmit Freq Error	287.67 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	18.47 MHz	x dB	-26.00 dB										
4985 MHz	 Center 4.98500 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics <table><tr><td>Occupied Bandwidth</td><td>9.1147 MHz</td><td>Total Power</td><td>31.0 dBm</td></tr><tr><td>Transmit Freq Error</td><td>91.948 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>18.60 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table> Nov 18, 2022 1:46:00 PM	Occupied Bandwidth	9.1147 MHz	Total Power	31.0 dBm	Transmit Freq Error	91.948 kHz	% of OBW Power	99.00 %	x dB Bandwidth	18.60 MHz	x dB	-26.00 dB
Occupied Bandwidth	9.1147 MHz	Total Power	31.0 dBm										
Transmit Freq Error	91.948 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	18.60 MHz	x dB	-26.00 dB										

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

4950 MHz	 Center 4.95000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 1 Graph Scale/Div 10.0 dB Log Ref Lvl Offset 11.30 dB Ref Value 30.00 dBm 2 Metrics Occupied Bandwidth 19.163 MHz Total Power 29.9 dBm Transmit Freq Error 524.56 kHz % of OBW Power 99.00 % x dB Bandwidth 35.12 MHz x dB -26.00 dB Nov 18, 2022 1:47:59 PM
4965 MHz	 Center 4.96500 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 1 Graph Scale/Div 10.0 dB Log Ref Lvl Offset 11.30 dB Ref Value 30.00 dBm 2 Metrics Occupied Bandwidth 19.009 MHz Total Power 30.5 dBm Transmit Freq Error 495.26 kHz % of OBW Power 99.00 % x dB Bandwidth 35.02 MHz x dB -26.00 dB Nov 18, 2022 1:49:57 PM
4980 MHz	 Center 4.98000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 1 Graph Scale/Div 10.0 dB Log Ref Lvl Offset 11.30 dB Ref Value 30.00 dBm 2 Metrics Occupied Bandwidth 18.527 MHz Total Power 30.3 dBm Transmit Freq Error 245.70 kHz % of OBW Power 99.00 % x dB Bandwidth 34.75 MHz x dB -26.00 dB Nov 18, 2022 1:51:25 PM

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	 Center 4.94500 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) <table><tr><td>Occupied Bandwidth</td><td>9.2445 MHz</td><td>Total Power</td><td>31.3 dBm</td></tr><tr><td>Transmit Freq Error</td><td>236.67 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>18.90 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	9.2445 MHz	Total Power	31.3 dBm	Transmit Freq Error	236.67 kHz	% of OBW Power	99.00 %	x dB Bandwidth	18.90 MHz	x dB	-26.00 dB
Occupied Bandwidth	9.2445 MHz	Total Power	31.3 dBm										
Transmit Freq Error	236.67 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	18.90 MHz	x dB	-26.00 dB										
4965 MHz	 Center 4.96500 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) <table><tr><td>Occupied Bandwidth</td><td>9.0137 MHz</td><td>Total Power</td><td>30.2 dBm</td></tr><tr><td>Transmit Freq Error</td><td>116.48 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>17.49 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	9.0137 MHz	Total Power	30.2 dBm	Transmit Freq Error	116.48 kHz	% of OBW Power	99.00 %	x dB Bandwidth	17.49 MHz	x dB	-26.00 dB
Occupied Bandwidth	9.0137 MHz	Total Power	30.2 dBm										
Transmit Freq Error	116.48 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	17.49 MHz	x dB	-26.00 dB										
4985 MHz	 Center 4.98500 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) <table><tr><td>Occupied Bandwidth</td><td>9.7847 MHz</td><td>Total Power</td><td>31.2 dBm</td></tr><tr><td>Transmit Freq Error</td><td>254.04 kHz</td><td>% of OBW Power</td><td>99.00 %</td></tr><tr><td>x dB Bandwidth</td><td>18.92 MHz</td><td>x dB</td><td>-26.00 dB</td></tr></table>	Occupied Bandwidth	9.7847 MHz	Total Power	31.2 dBm	Transmit Freq Error	254.04 kHz	% of OBW Power	99.00 %	x dB Bandwidth	18.92 MHz	x dB	-26.00 dB
Occupied Bandwidth	9.7847 MHz	Total Power	31.2 dBm										
Transmit Freq Error	254.04 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	18.92 MHz	x dB	-26.00 dB										

Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0

4950 MHz	 Center Frequency: 4.95000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 19.668 MHz Total Power: 29.0 dBm Transmit Freq Error: 321.34 kHz x dB Bandwidth: 37.48 MHz % of OBW Power: 99.00 % x dB: -26.00 dB
4965 MHz	 Center Frequency: 4.96500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 18.469 MHz Total Power: 28.5 dBm Transmit Freq Error: 105.45 kHz x dB Bandwidth: 30.33 MHz % of OBW Power: 99.00 % x dB: -26.00 dB
4980 MHz	 Center Frequency: 4.98000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 19.435 MHz Total Power: 30.0 dBm Transmit Freq Error: 288.57 kHz x dB Bandwidth: 38.46 MHz % of OBW Power: 99.00 % x dB: -26.00 dB

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

4942.5 MHz



4967.5 MHz



4987.5 MHz



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

4945 MHz	
4965 MHz	
4985 MHz	

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

4950 MHz	
4965 MHz	
4980 MHz	

Mode 10: MIMO_5 MHz Continuous TX mode_ANT-1

4942.5 MHz



4967.5 MHz



4987.5 MHz



Mode 11: MIMO_10 MHz Continuous TX mode_ANT-1

4945 MHz

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input RF Coupling AC Align Auto Input Z 50 Ω Corrections Off Freq Ref Int (S) Attenu 30 dB Trig Free Run Gate Off #F Gain Low Center Freq 4.94500000 GHz Avg/Hold > 10/10 Radio Std None

1 Graph
Scale/Div 10.0 dB
Log
Ref Lvl Offset 11.30 dB
Ref Value 30.00 dBm

Center 4.94500 GHz
#Res BW 200.00 kHz
#Video BW 620.00 kHz
Span 40 MHz
Sweep 1.00 ms (1001 pts)

2 Metrics

Occupied Bandwidth	8.4871 MHz	Total Power	29.0 dBm
Transmit Freq Error	29.601 kHz	% of OBW Power	99.00 %
x dB Bandwidth	14.69 MHz	x dB	-26.00 dB

Nov 18, 2022 2:28:03 PM

4965 MHz

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input RF Coupling AC Align Auto Input Z 50 Ω Corrections Off Freq Ref Int (S) Attenu 30 dB Trig Free Run Gate Off #F Gain Low Center Freq 4.96500000 GHz Avg/Hold > 10/10 Radio Std None

1 Graph
Scale/Div 10.0 dB
Log
Ref Lvl Offset 11.30 dB
Ref Value 30.00 dBm

Center 4.96500 GHz
#Res BW 200.00 kHz
#Video BW 620.00 kHz
Span 40 MHz
Sweep 1.00 ms (1001 pts)

2 Metrics

Occupied Bandwidth	8.5393 MHz	Total Power	30.2 dBm
Transmit Freq Error	40.362 kHz	% of OBW Power	99.00 %
x dB Bandwidth	14.33 MHz	x dB	-26.00 dB

Nov 18, 2022 2:28:25 PM

4985 MHz

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input RF Coupling AC Align Auto Input Z 50 Ω Corrections Off Freq Ref Int (S) Attenu 30 dB Trig Free Run Gate Off #F Gain Low Center Freq 4.98500000 GHz Avg/Hold > 10/10 Radio Std None

1 Graph
Scale/Div 10.0 dB
Log
Ref Lvl Offset 11.30 dB
Ref Value 30.00 dBm

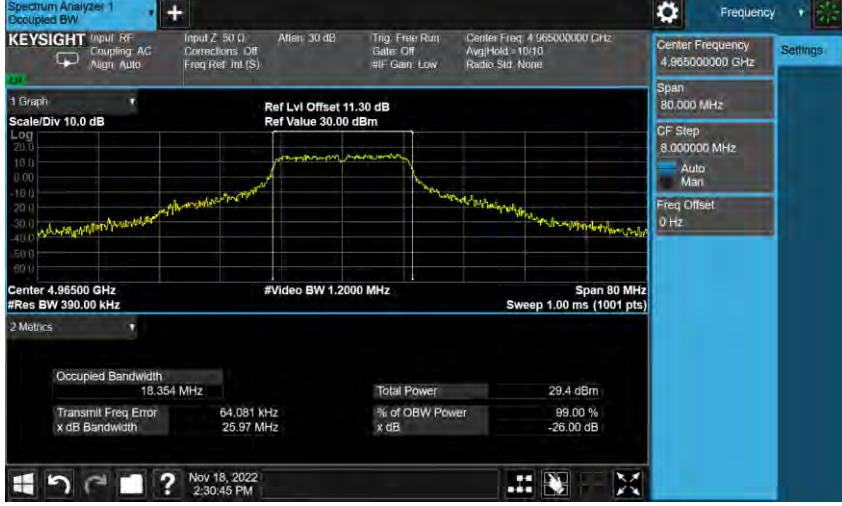
Center 4.98500 GHz
#Res BW 200.00 kHz
#Video BW 620.00 kHz
Span 40 MHz
Sweep 1.00 ms (1001 pts)

2 Metrics

Occupied Bandwidth	8.5460 MHz	Total Power	30.9 dBm
Transmit Freq Error	33.394 kHz	% of OBW Power	99.00 %
x dB Bandwidth	15.25 MHz	x dB	-26.00 dB

Nov 18, 2022 2:28:45 PM

Mode 12: MIMO_20 MHz Continuous TX mode_ANT-1

4950 MHz	 Center Frequency: 4.95000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 18.397 MHz Total Power: 29.1 dBm Transmit Freq Error: 91.488 kHz x dB Bandwidth: 32.49 MHz % of OBW Power: 99.00 % x dB: -26.00 dB
4965 MHz	 Center Frequency: 4.96500000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 18.354 MHz Total Power: 29.4 dBm Transmit Freq Error: 64.081 kHz x dB Bandwidth: 25.97 MHz % of OBW Power: 99.00 % x dB: -26.00 dB
4980 MHz	 Center Frequency: 4.98000000 GHz Span: 80.000 MHz CF Step: 8.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 18.453 MHz Total Power: 30.3 dBm Transmit Freq Error: 81.127 kHz x dB Bandwidth: 29.09 MHz % of OBW Power: 99.00 % x dB: -26.00 dB

3.4. Peak Excursion

Module: RJ-2002			
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	

Module: RJ-1705

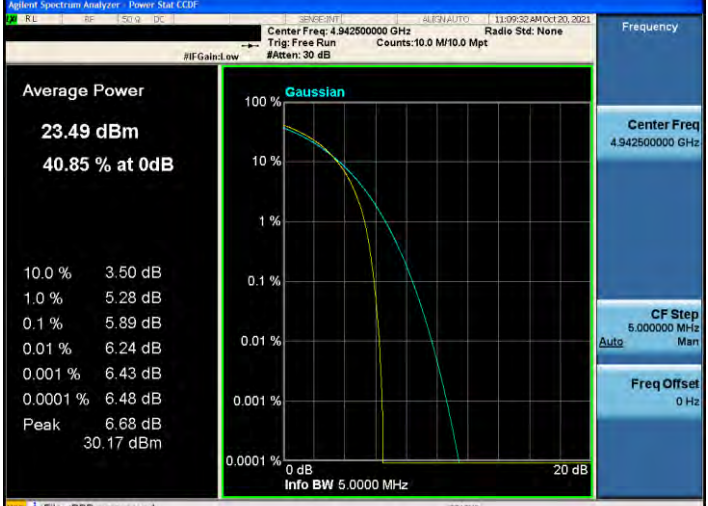
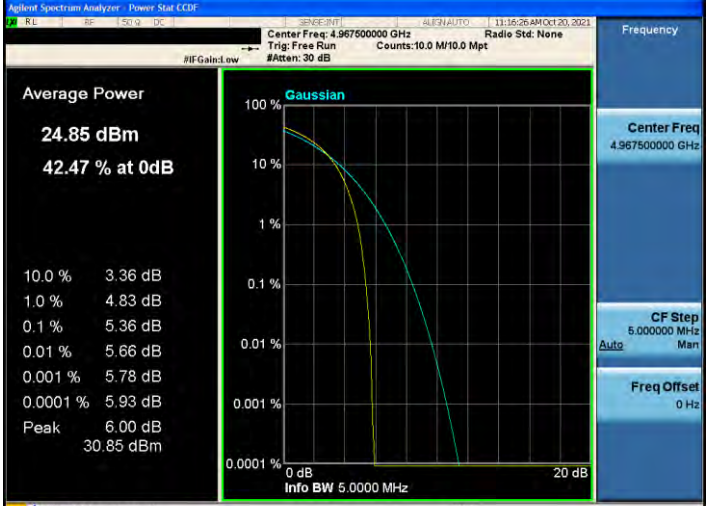
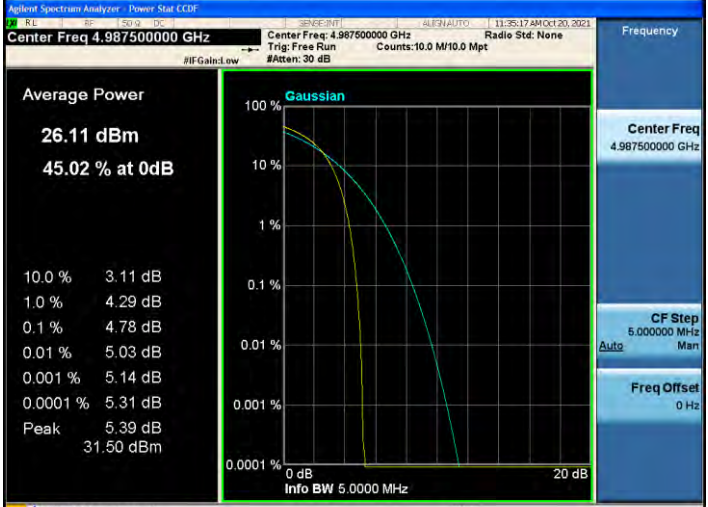
Test Mode	Frequency (MHz)	ANT-0	Limit (dB)
Mode 1	4942.5	5.290	≤ 13.00
	4967.5	5.420	
	4987.5	5.020	
Mode 2	4945.0	5.510	
	4965.0	5.460	
	4985.0	5.560	
Mode 3	4950.0	6.830	
	4965.0	6.900	
	4980.0	6.870	
Mode 4	4942.5	5.040	
	4967.5	5.090	
	4987.5	5.700	
Mode 5	4945.0	5.330	
	4965.0	5.630	
	4985.0	5.720	
Mode 6	4950.0	7.310	
	4965.0	7.300	
	4980.0	7.350	

Test Mode	Frequency (MHz)	ANT-0	ANT-1	Limit (dB)
Mode 7	4942.5	5.410	5.390	≤ 13.00
	4967.5	5.320	5.600	
	4987.5	5.340	5.440	
Mode 8	4945.0	5.270	5.230	
	4965.0	5.410	5.400	
	4985.0	5.720	5.480	
Mode 9	4950.0	6.970	7.040	
	4965.0	6.960	6.930	
	4980.0	6.890	6.940	
Mode 10	4942.5	5.390	5.520	
	4967.5	5.530	5.980	
	4987.5	5.730	6.030	
Mode 11	4945.0	5.770	5.870	
	4965.0	5.560	5.760	
	4985.0	5.750	6.060	
Mode 12	4950.0	7.320	7.390	
	4965.0	7.320	7.290	
	4980.0	7.610	7.500	

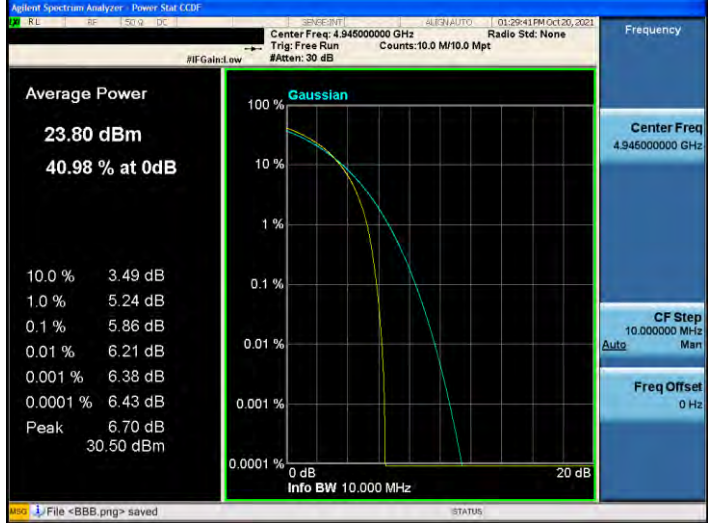
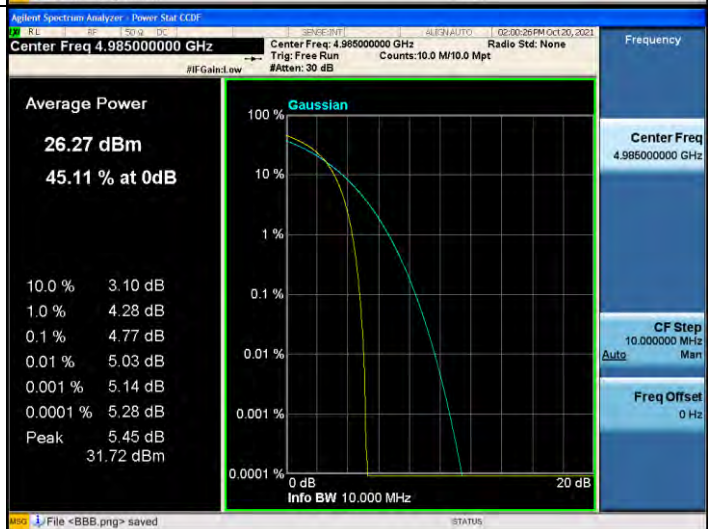
Module: RJ-2002

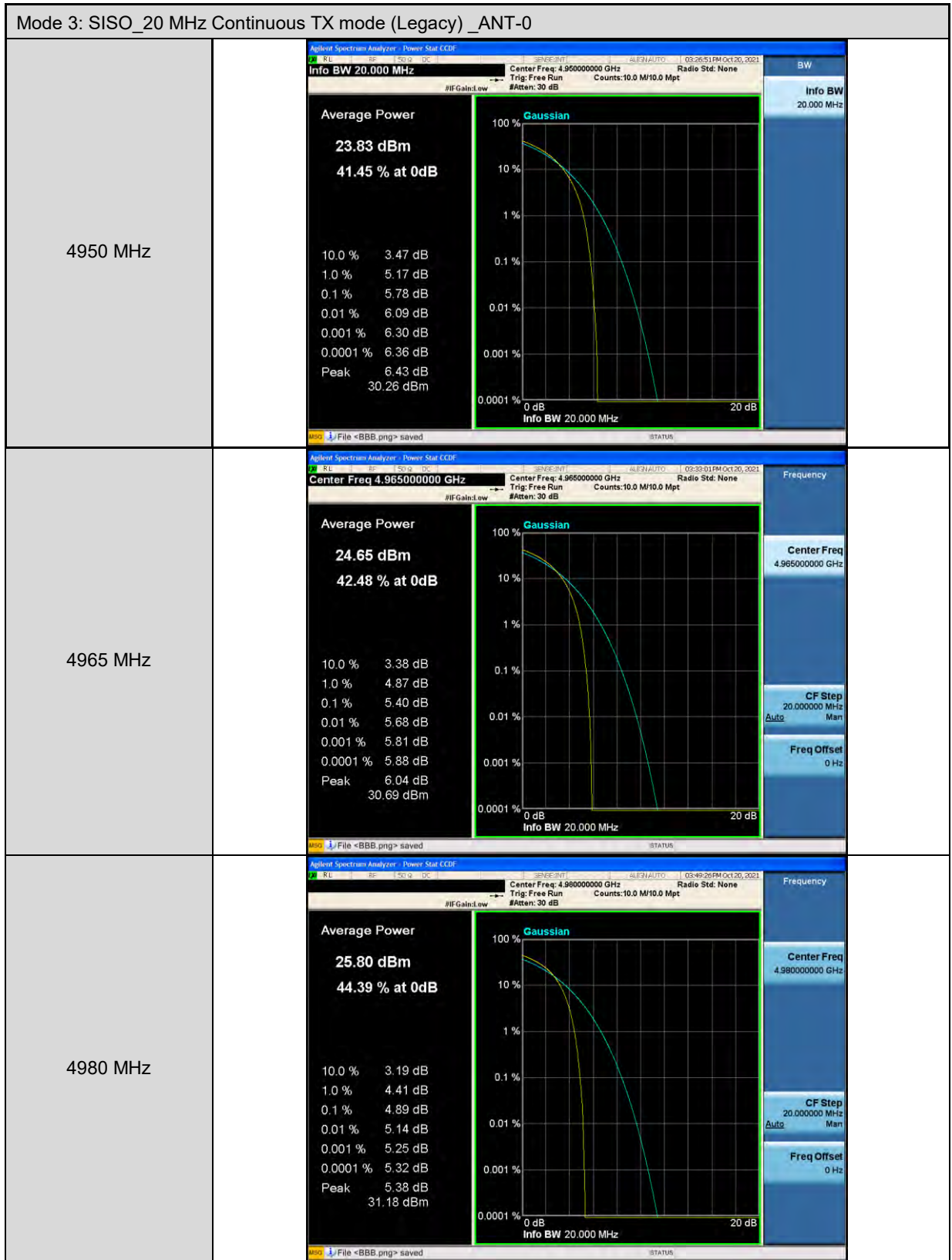
■ Test Graphs

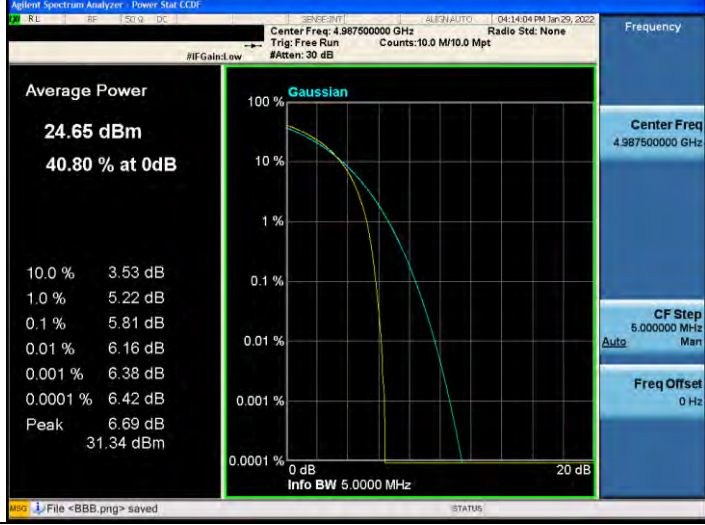
Mode 1: SISO_5 MHz Continuous TX mode (Legacy) _ANT-0

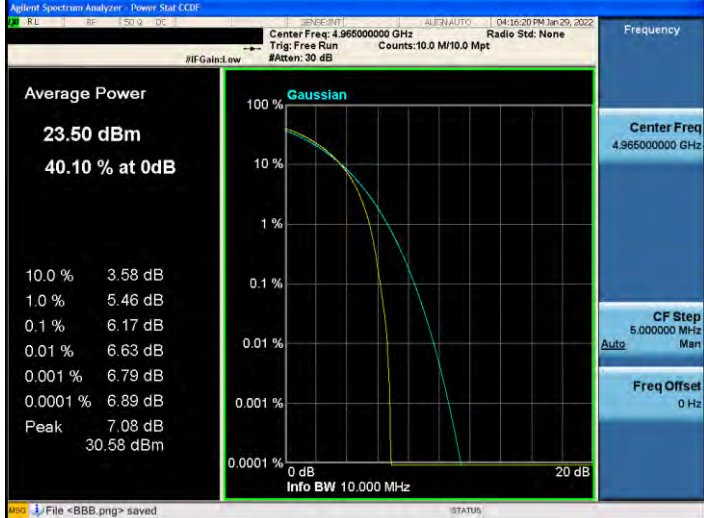
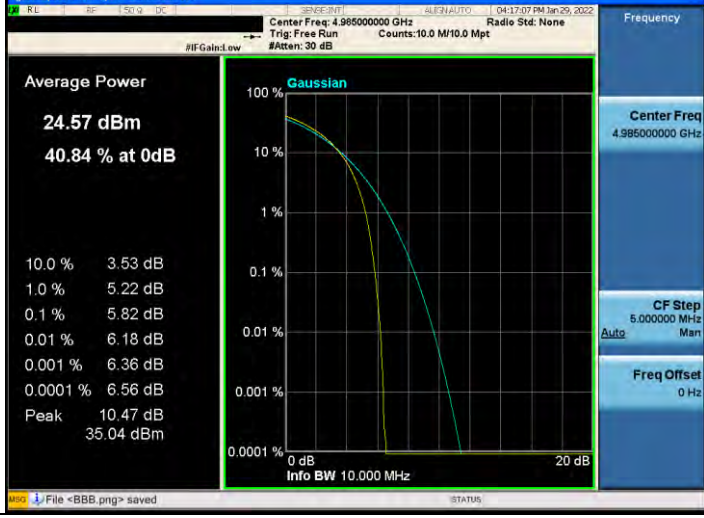
4942.5 MHz	
4967.5 MHz	
4987.5 MHz	

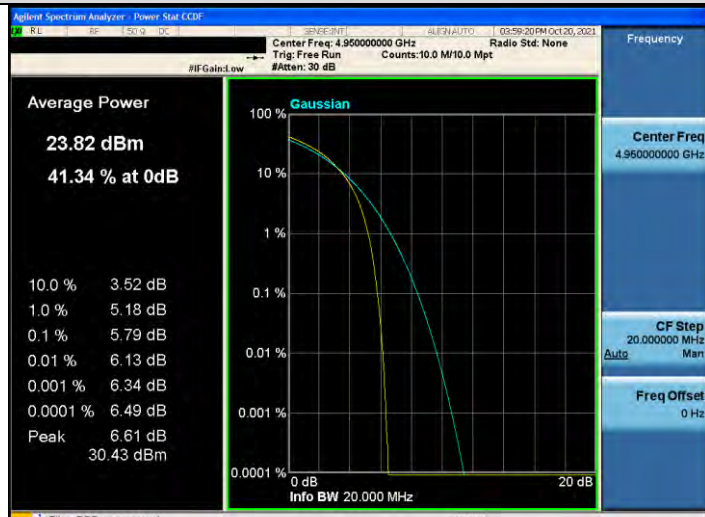
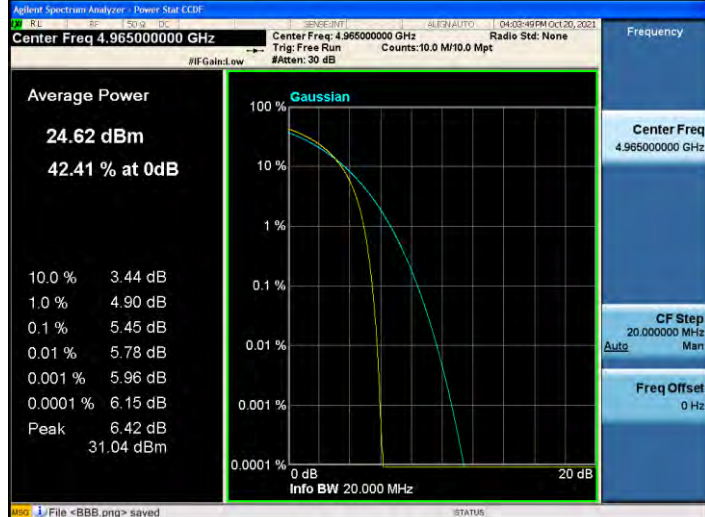
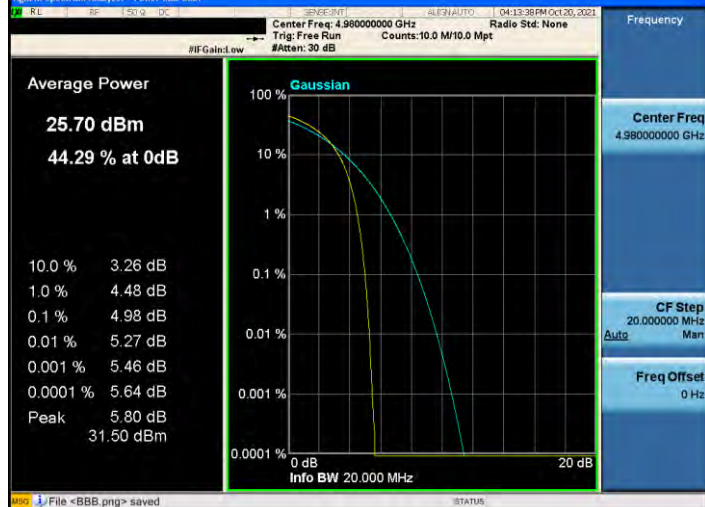
Mode 2: SISO_10 MHz Continuous TX mode (Legacy)_ANT-0

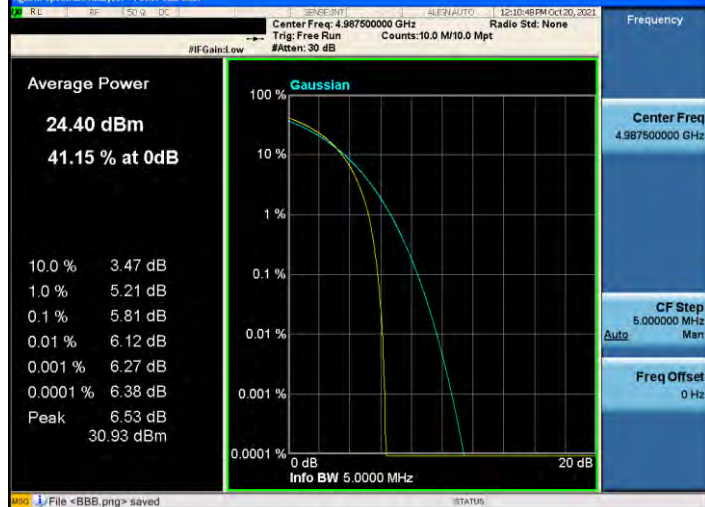
4945 MHz	 Average Power 23.80 dBm 40.98 % at 0dB 10.0 % 3.49 dB 1.0 % 5.24 dB 0.1 % 5.86 dB 0.01 % 6.21 dB 0.001 % 6.38 dB 0.0001 % 6.43 dB Peak 6.70 dBm 30.50 dBm Center Freq: 4.94500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency Center Freq 4.94500000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz Info BW 10.000 MHz
4965 MHz	 Average Power 24.93 dBm 42.36 % at 0dB 10.0 % 3.38 dB 1.0 % 4.88 dB 0.1 % 5.42 dB 0.01 % 5.72 dB 0.001 % 5.85 dB 0.0001 % 5.99 dB Peak 6.17 dBm 31.10 dBm 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
4985 MHz	 Average Power 26.27 dBm 45.11 % at 0dB 10.0 % 3.10 dB 1.0 % 4.28 dB 0.1 % 4.77 dB 0.01 % 5.03 dB 0.001 % 5.14 dB 0.0001 % 5.28 dB Peak 5.45 dBm 31.72 dBm 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



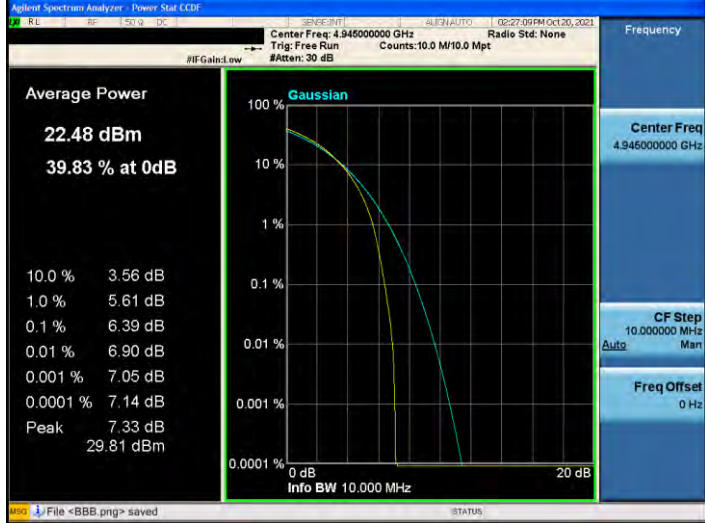
Mode 4: SISO_5 MHz Continuous TX mode_ANT-0		
4942.5 MHz		
4967.5 MHz		
4987.5 MHz		

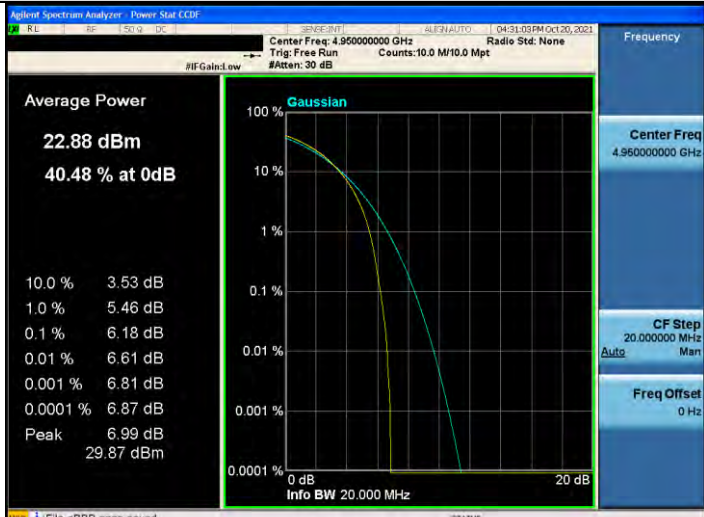
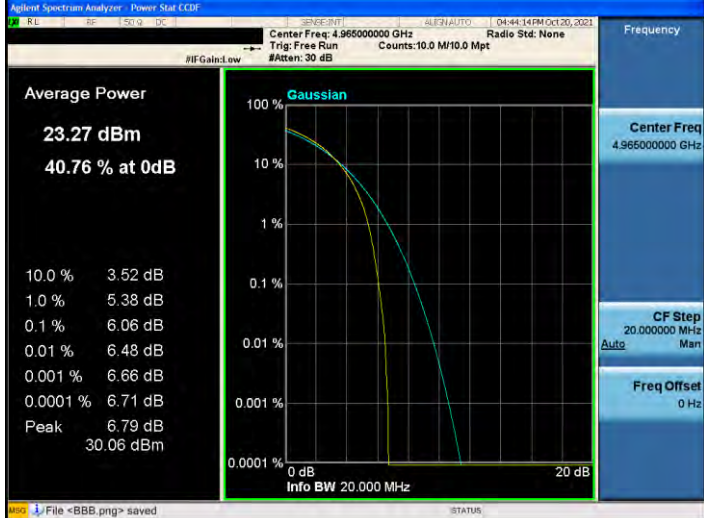
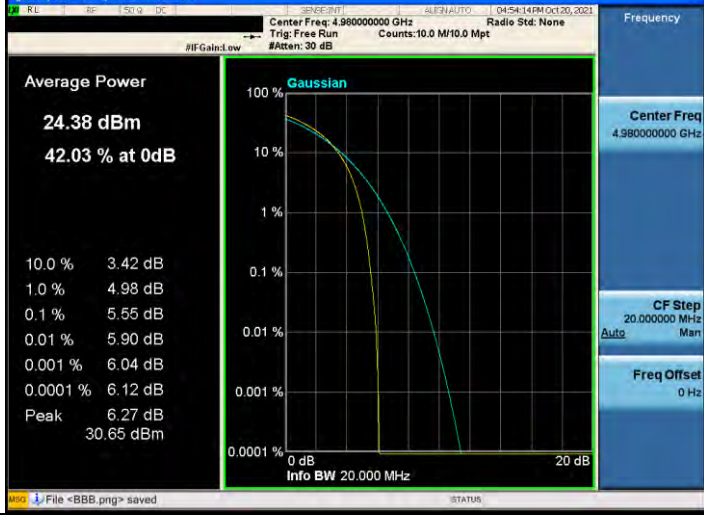
Mode 5: SISO_10 MHz Continuous TX mode_ANT-0		
4945 MHz		
4965 MHz		
4985 MHz		

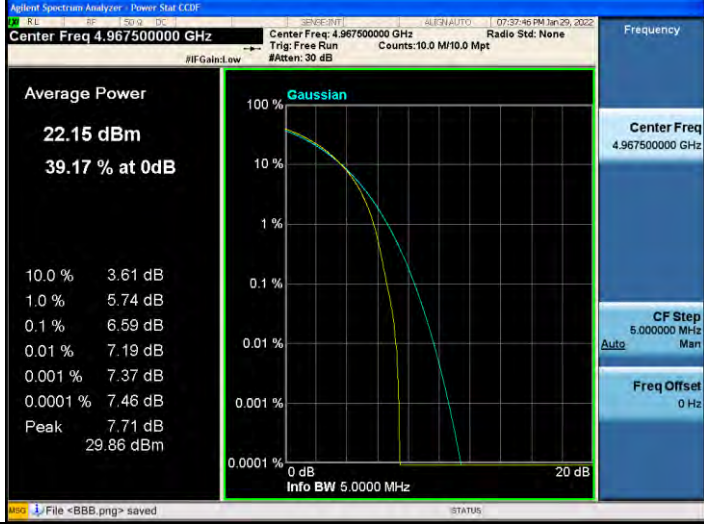
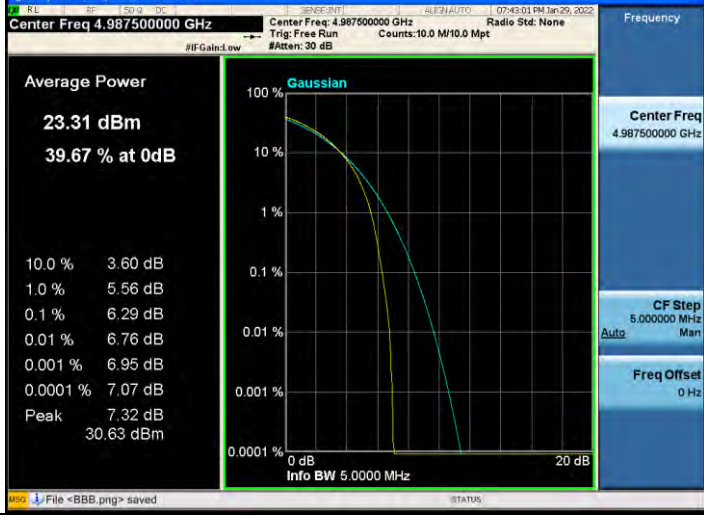
Mode 6: SISO_20 MHz Continuous TX mode_ANT-0																		
4950 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.950000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Att: 30 dB Average Power 23.82 dBm 41.34 % at 0dB <table><tr><td>10.0 %</td><td>3.52 dB</td></tr><tr><td>1.0 %</td><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> Info BW 20.000 MHz Frequency Center Freq 4.950000000 GHz CF Step 20.000000 MHz 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 #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> Info BW 20.000 MHz Frequency Center Freq 4.965000000 GHz CF Step 20.000000 MHz 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 #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> Info BW 20.000 MHz Frequency Center Freq 4.980000000 GHz CF Step 20.000000 MHz 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		
4967.5 MHz		
4987.5 MHz		

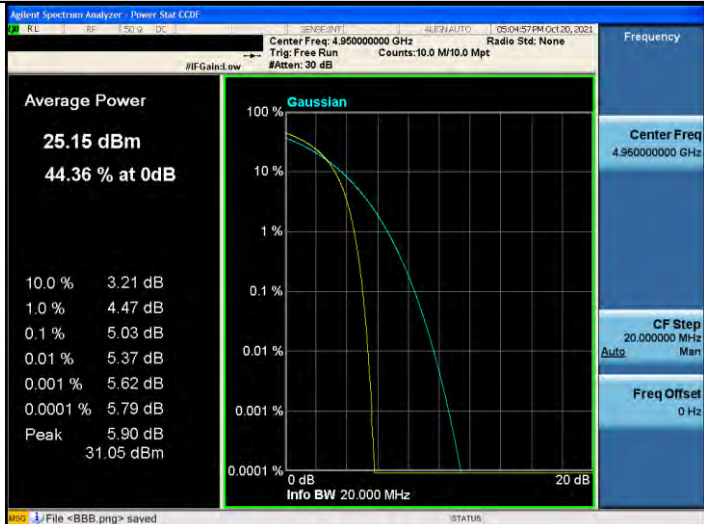
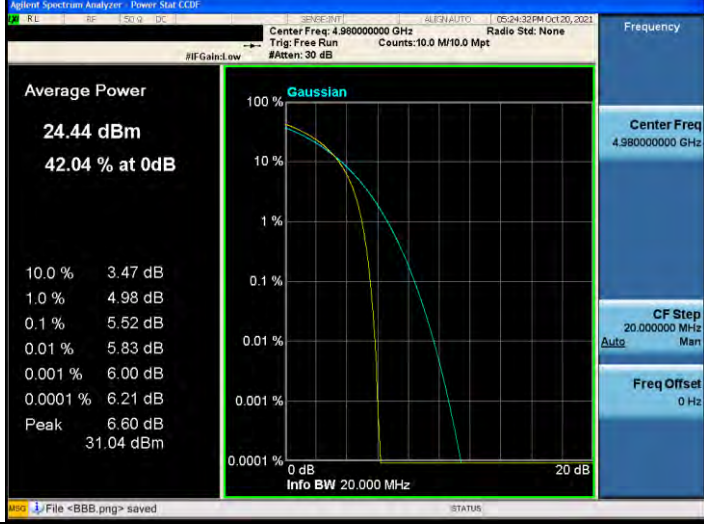
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0

4945 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.94500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Att: 30 dB Average Power 22.48 dBm 39.83 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.56 dB</td></tr> <tr><td>1.0 %</td><td>5.61 dB</td></tr> <tr><td>0.1 %</td><td>6.39 dB</td></tr> <tr><td>0.01 %</td><td>6.90 dB</td></tr> <tr><td>0.001 %</td><td>7.05 dB</td></tr> <tr><td>0.0001 %</td><td>7.14 dB</td></tr> <tr><td>Peak</td><td>7.33 dB</td></tr> <tr><td></td><td>29.81 dBm</td></tr> </table> 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % Gaussian 0 dB 20 dB Info BW 10.000 MHz File <BBB.png> saved Frequency Center Freq 4.94500000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz	10.0 %	3.56 dB	1.0 %	5.61 dB	0.1 %	6.39 dB	0.01 %	6.90 dB	0.001 %	7.05 dB	0.0001 %	7.14 dB	Peak	7.33 dB		29.81 dBm
10.0 %	3.56 dB																
1.0 %	5.61 dB																
0.1 %	6.39 dB																
0.01 %	6.90 dB																
0.001 %	7.05 dB																
0.0001 %	7.14 dB																
Peak	7.33 dB																
	29.81 dBm																
4965 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.96500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Att: 30 dB Average Power 25.57 dBm 45.31 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.07 dB</td></tr> <tr><td>1.0 %</td><td>4.27 dB</td></tr> <tr><td>0.1 %</td><td>4.78 dB</td></tr> <tr><td>0.01 %</td><td>5.04 dB</td></tr> <tr><td>0.001 %</td><td>5.18 dB</td></tr> <tr><td>0.0001 %</td><td>5.39 dB</td></tr> <tr><td>Peak</td><td>5.56 dB</td></tr> <tr><td></td><td>31.13 dBm</td></tr> </table> 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % Gaussian 0 dB 20 dB Info BW 10.000 MHz File <BBB.png> saved Frequency Center Freq 4.96500000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz	10.0 %	3.07 dB	1.0 %	4.27 dB	0.1 %	4.78 dB	0.01 %	5.04 dB	0.001 %	5.18 dB	0.0001 %	5.39 dB	Peak	5.56 dB		31.13 dBm
10.0 %	3.07 dB																
1.0 %	4.27 dB																
0.1 %	4.78 dB																
0.01 %	5.04 dB																
0.001 %	5.18 dB																
0.0001 %	5.39 dB																
Peak	5.56 dB																
	31.13 dBm																
4985 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.98500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Att: 30 dB Average Power 24.73 dBm 41.88 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.42 dB</td></tr> <tr><td>1.0 %</td><td>4.99 dB</td></tr> <tr><td>0.1 %</td><td>5.55 dB</td></tr> <tr><td>0.01 %</td><td>5.86 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>6.32 dB</td></tr> <tr><td></td><td>31.05 dBm</td></tr> </table> 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % Gaussian 0 dB 20 dB Info BW 10.000 MHz File <BBB.png> saved Frequency Center Freq 4.98500000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz	10.0 %	3.42 dB	1.0 %	4.99 dB	0.1 %	5.55 dB	0.01 %	5.86 dB	0.001 %	6.04 dB	0.0001 %	6.12 dB	Peak	6.32 dB		31.05 dBm
10.0 %	3.42 dB																
1.0 %	4.99 dB																
0.1 %	5.55 dB																
0.01 %	5.86 dB																
0.001 %	6.04 dB																
0.0001 %	6.12 dB																
Peak	6.32 dB																
	31.05 dBm																

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

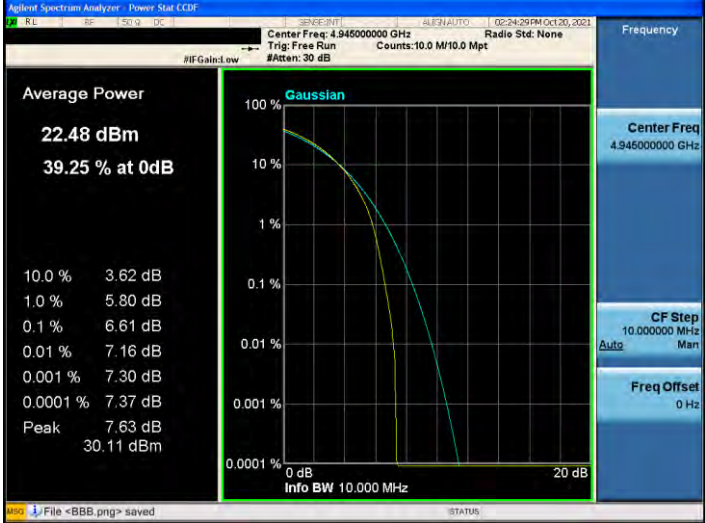
Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0		
4942.5 MHz		
4967.5 MHz		
4987.5 MHz		

Mode 11: MIMO_10 MHz Continuous TX mode_ANT-0		
4945 MHz	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 Info BW 10.000 MHz	Frequency Center Freq: 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 Info BW 10.000 MHz	Frequency Center Freq: 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 Info BW 10.000 MHz	Frequency Center Freq: 4.985000000 GHz CF Step: 10.000000 MHz Freq Offset: 0 Hz

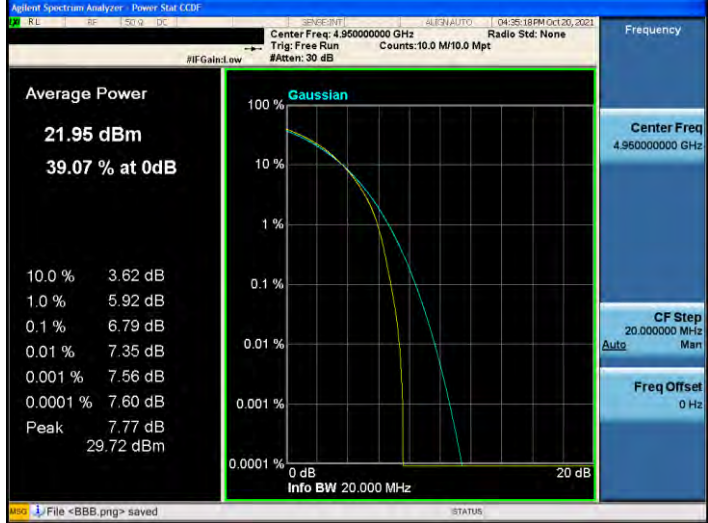
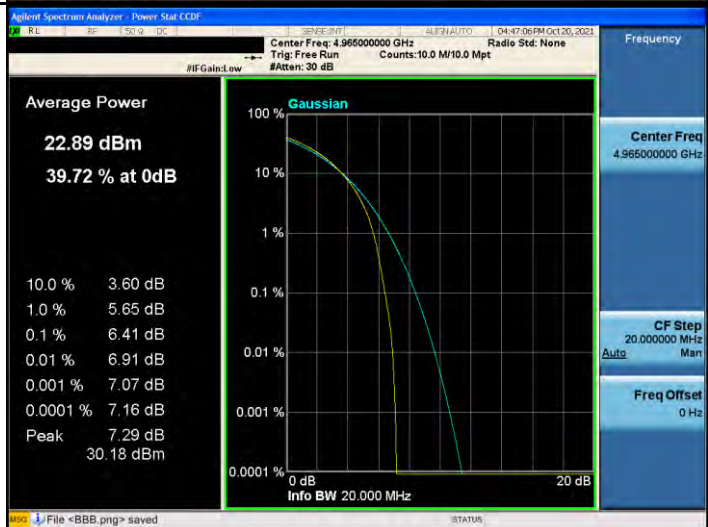
Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

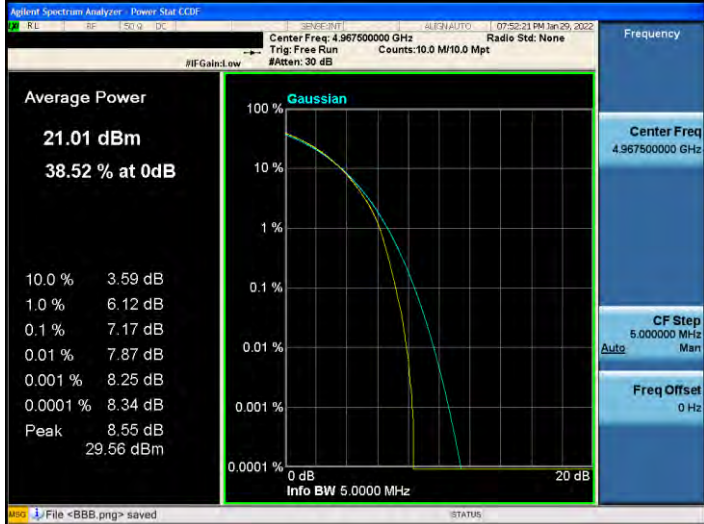
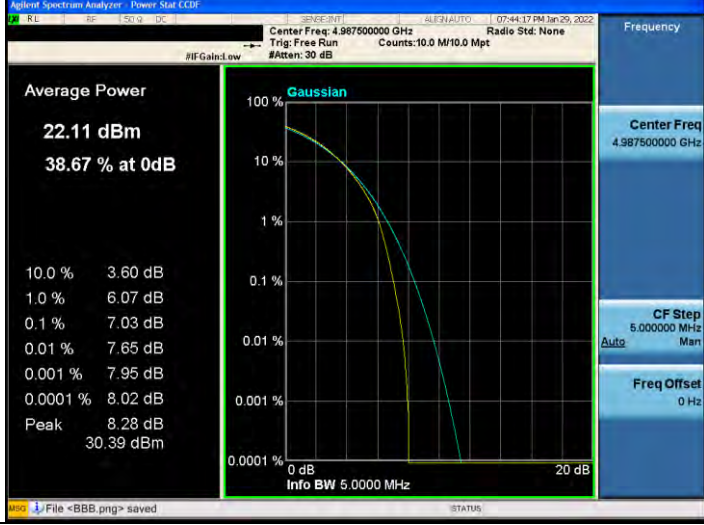
Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-1		
4942.5 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.942500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Average Power 21.81 dBm 38.94 % at 0dB 10.0 % 3.62 dB 1.0 % 5.91 dB 0.1 % 6.79 dB 0.01 % 7.39 dB 0.001 % 7.56 dB 0.0001 % 7.67 dB Peak 7.86 dB 29.67 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 20 dB Info BW 5.0000 MHz File <BBB.png> saved (STATUS) 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 #Atten: 30 dB Average Power 22.99 dBm 39.88 % at 0dB 10.0 % 3.58 dB 1.0 % 5.58 dB 0.1 % 6.28 dB 0.01 % 6.69 dB 0.001 % 6.84 dB 0.0001 % 6.89 dB Peak 7.08 dB 30.07 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 20 dB Info BW 5.0000 MHz File <BBB.png> saved (STATUS) 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 #Atten: 30 dB Average Power 22.05 dBm 38.90 % at 0dB 10.0 % 3.62 dB 1.0 % 5.87 dB 0.1 % 6.83 dB 0.01 % 7.56 dB 0.001 % 7.80 dB 0.0001 % 7.85 dB Peak 8.12 dB 30.17 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 20 dB Info BW 5.0000 MHz File <BBB.png> saved (STATUS) Frequency Center Freq 4.987500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz	

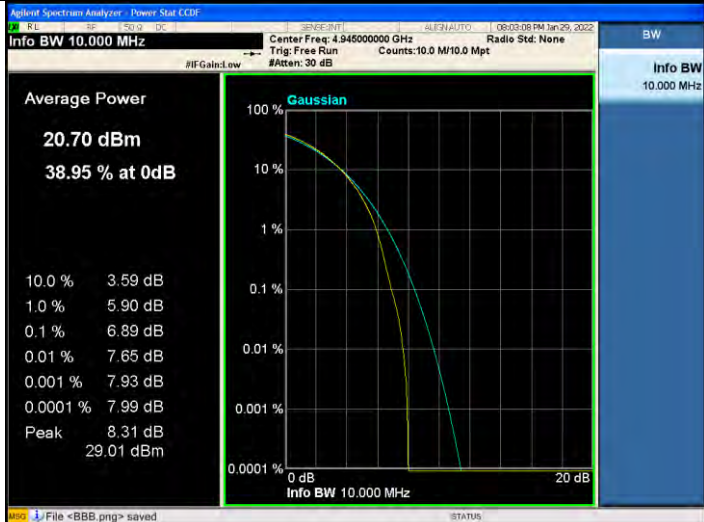
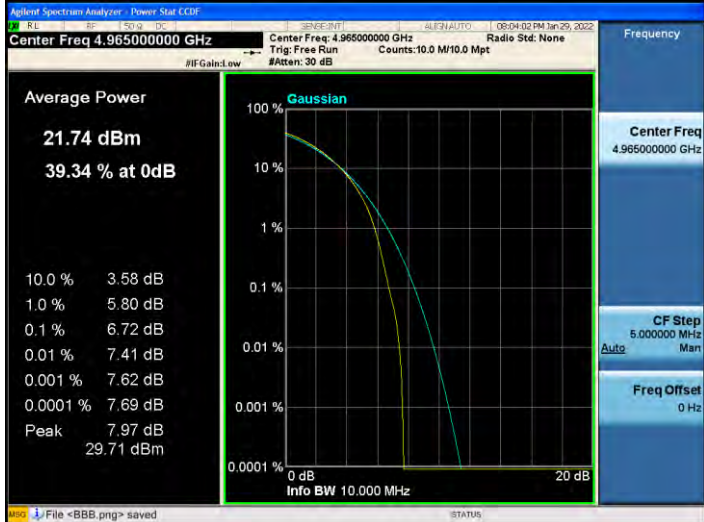
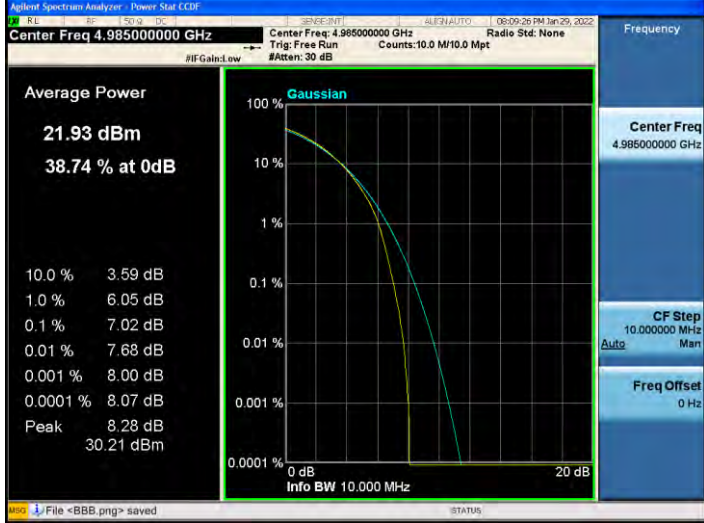
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-1

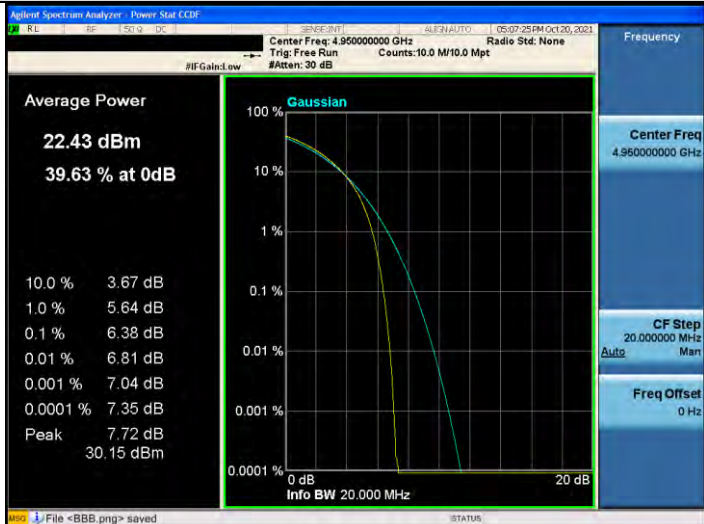
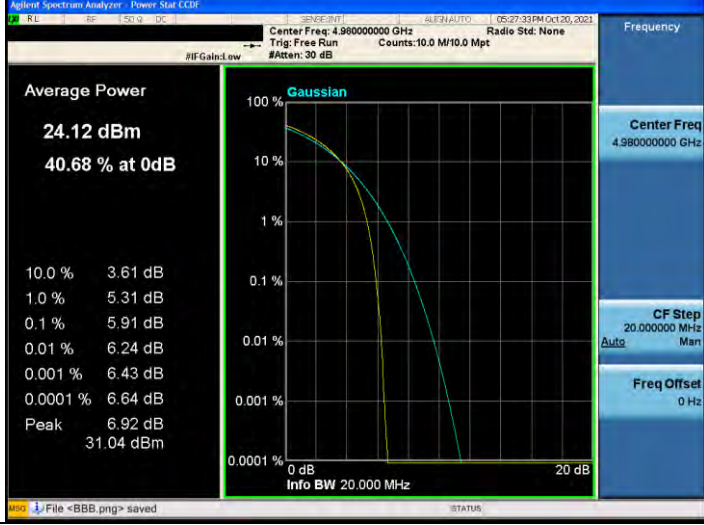
4945 MHz	 Average Power 22.48 dBm 39.25 % at 0dB <table border="1"> <tr><td>10.0 %</td><td>3.62 dB</td></tr> <tr><td>1.0 %</td><td>5.80 dB</td></tr> <tr><td>0.1 %</td><td>6.61 dB</td></tr> <tr><td>0.01 %</td><td>7.16 dB</td></tr> <tr><td>0.001 %</td><td>7.30 dB</td></tr> <tr><td>0.0001 %</td><td>7.37 dB</td></tr> <tr><td>Peak</td><td>7.63 dB</td></tr> <tr><td></td><td>30.11 dBm</td></tr> </table> 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 10.000000 MHz Auto Man Freq Offset 0 Hz	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	 Average Power 24.58 dBm 41.34 % at 0dB <table border="1"> <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> 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 %	3.46 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	 Average Power 23.60 dBm 39.80 % at 0dB <table border="1"> <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> 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	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	 Average Power 21.95 dBm 39.07 % at 0dB <table border="1"> <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> Center Freq: 4.95000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency: 4.95000000 GHz CF Step: 20.000000 MHz 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	 Average Power 22.89 dBm 39.72 % at 0dB <table border="1"> <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> Center Freq: 4.96500000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency: 4.96500000 GHz CF Step: 20.000000 MHz 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	 Average Power 24.00 dBm 40.56 % at 0dB <table border="1"> <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> Center Freq: 4.98000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt #Atten: 30 dB Frequency: 4.98000000 GHz CF Step: 20.000000 MHz 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		
4967.5 MHz		
4987.5 MHz		

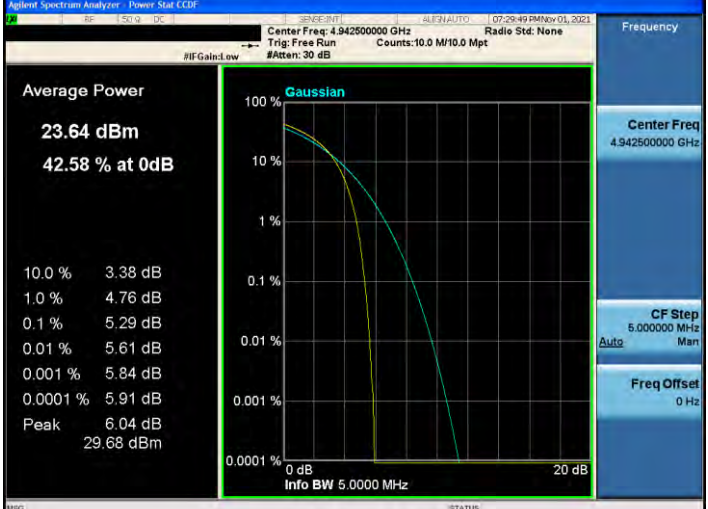
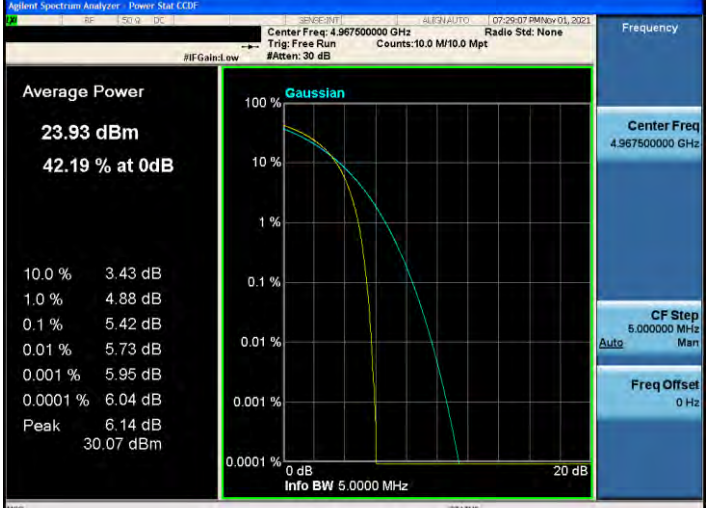
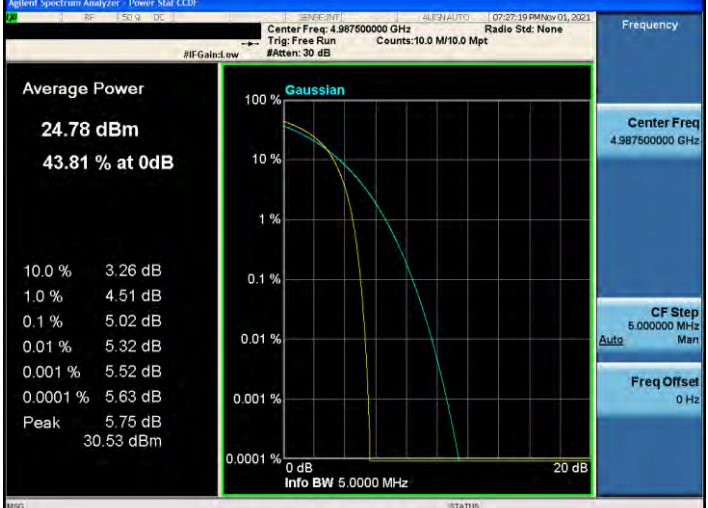
Mode 11: MIMO_10 MHz Continuous TX mode_ANT-1		
4945 MHz		
4965 MHz		
4985 MHz		

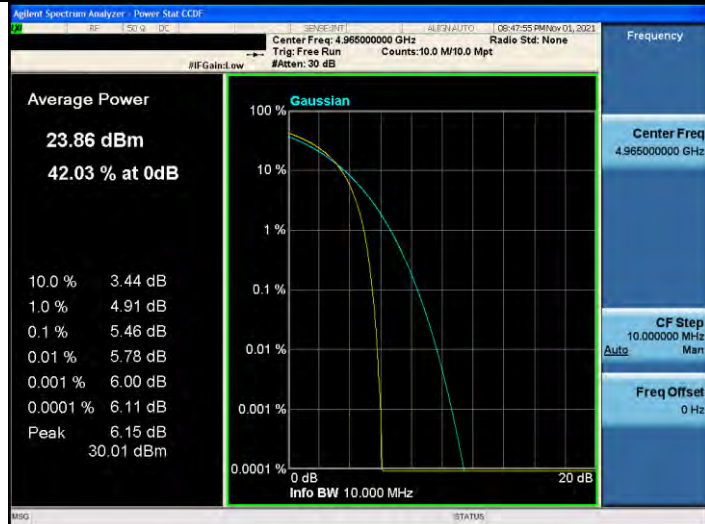
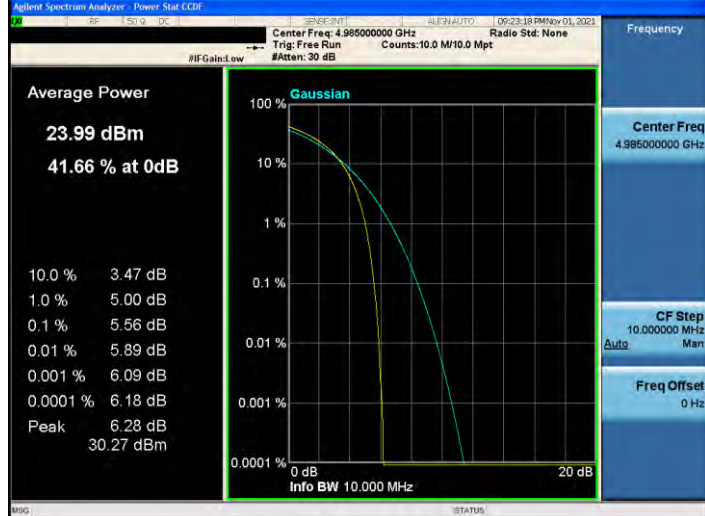
Mode 12: MIMO_20 MHz Continuous TX mode_ANT-1		
4950 MHz		
4965 MHz		
4980 MHz		

Module: RJ-1705

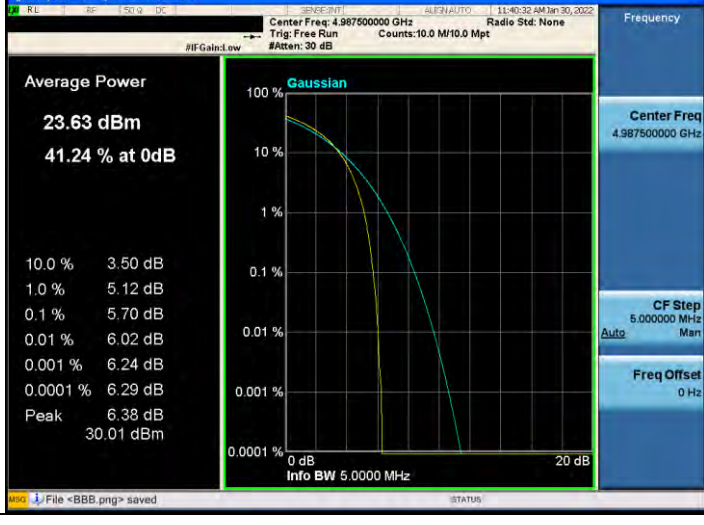
■ Test Graphs

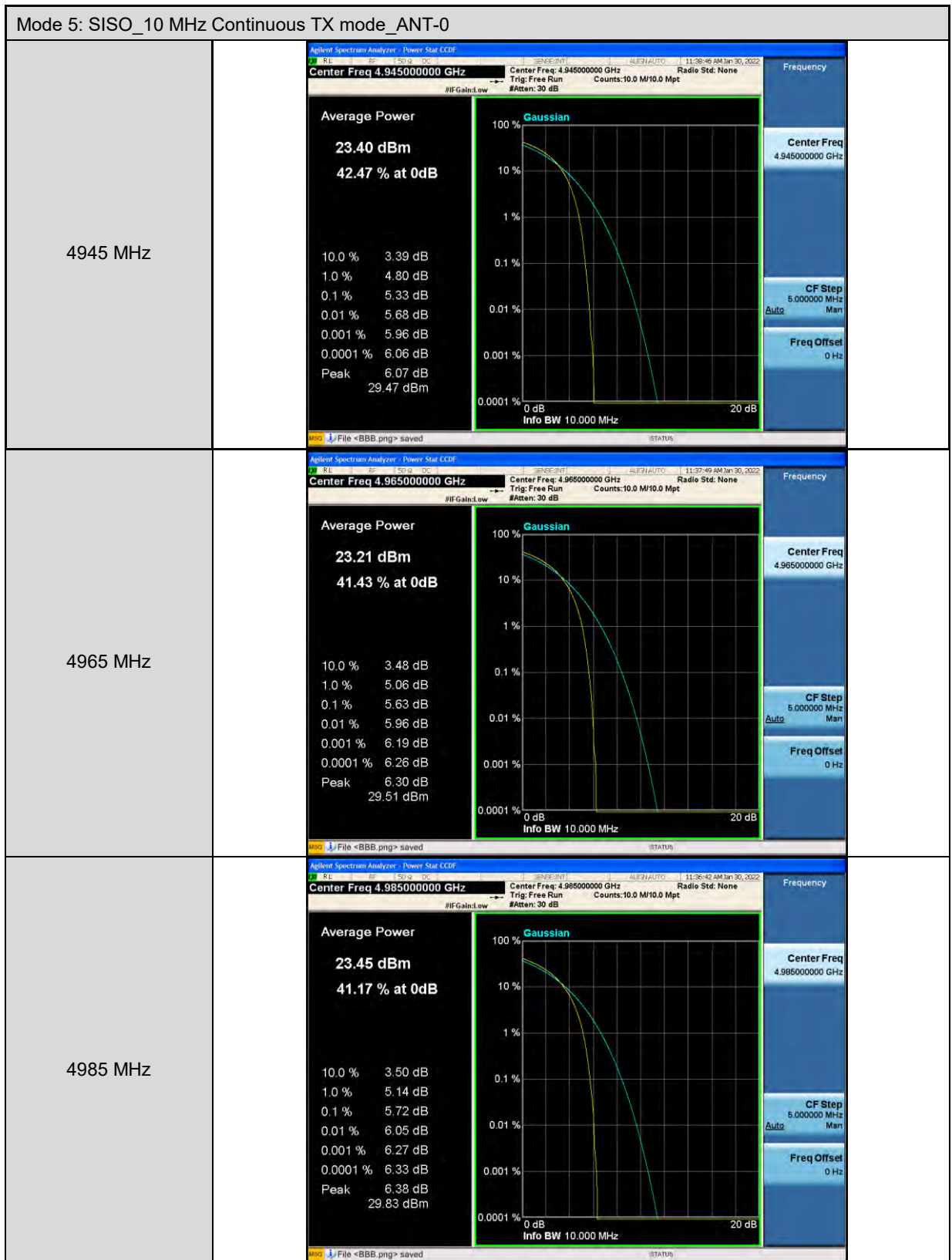
Mode 1: SISO_5 MHz Continuous TX mode (Legacy) _ANT-0

4942.5 MHz	
4967.5 MHz	
4987.5 MHz	

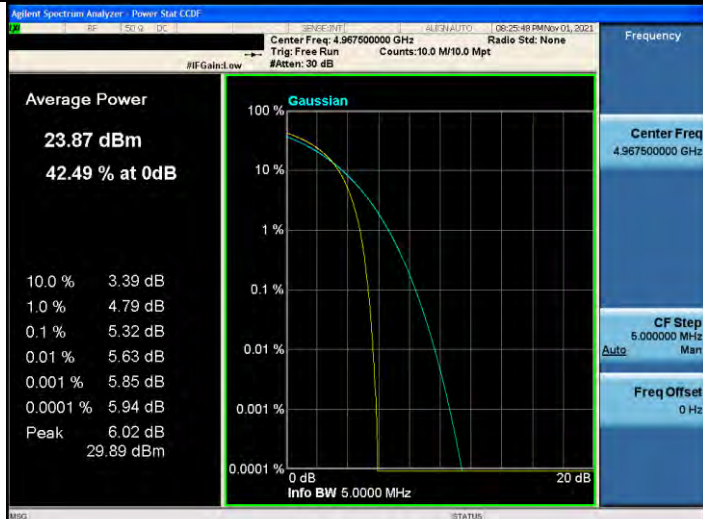
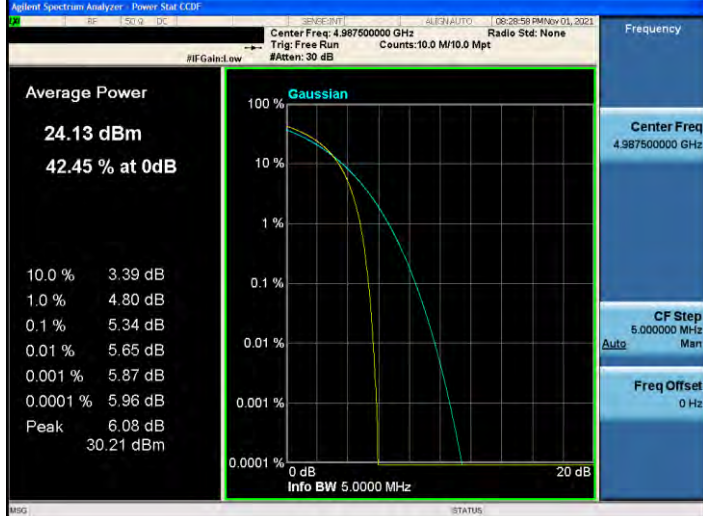
Mode 2: SISO_10 MHz Continuous TX mode (Legacy) _ANT-0																		
4945 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.945000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None #Att: 30 dB Average Power 23.37 dBm 41.78 % at 0dB <table><tr><td>10.0 %</td><td>3.45 dB</td></tr><tr><td>1.0 %</td><td>4.95 dB</td></tr><tr><td>0.1 %</td><td>5.51 dB</td></tr><tr><td>0.01 %</td><td>5.86 dB</td></tr><tr><td>0.001 %</td><td>6.09 dB</td></tr><tr><td>0.0001 %</td><td>6.16 dB</td></tr><tr><td>Peak</td><td>6.21 dB</td></tr><tr><td></td><td>29.58 dBm</td></tr></table> 0 dB 20 dB Info BW 10.000 MHz Frequency Center Freq 4.945000000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz	10.0 %	3.45 dB	1.0 %	4.95 dB	0.1 %	5.51 dB	0.01 %	5.86 dB	0.001 %	6.09 dB	0.0001 %	6.16 dB	Peak	6.21 dB		29.58 dBm	
10.0 %	3.45 dB																	
1.0 %	4.95 dB																	
0.1 %	5.51 dB																	
0.01 %	5.86 dB																	
0.001 %	6.09 dB																	
0.0001 %	6.16 dB																	
Peak	6.21 dB																	
	29.58 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 23.86 dBm 42.03 % at 0dB <table><tr><td>10.0 %</td><td>3.44 dB</td></tr><tr><td>1.0 %</td><td>4.91 dB</td></tr><tr><td>0.1 %</td><td>5.46 dB</td></tr><tr><td>0.01 %</td><td>5.78 dB</td></tr><tr><td>0.001 %</td><td>6.00 dB</td></tr><tr><td>0.0001 %</td><td>6.11 dB</td></tr><tr><td>Peak</td><td>6.15 dB</td></tr><tr><td></td><td>30.01 dBm</td></tr></table> 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	10.0 %	3.44 dB	1.0 %	4.91 dB	0.1 %	5.46 dB	0.01 %	5.78 dB	0.001 %	6.00 dB	0.0001 %	6.11 dB	Peak	6.15 dB		30.01 dBm	
10.0 %	3.44 dB																	
1.0 %	4.91 dB																	
0.1 %	5.46 dB																	
0.01 %	5.78 dB																	
0.001 %	6.00 dB																	
0.0001 %	6.11 dB																	
Peak	6.15 dB																	
	30.01 dBm																	
4985 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.985000000 GHz Trig: Free Run Counts: 10.0 M/10.0 Mpt Radio Std: None #Att: 30 dB Average Power 23.99 dBm 41.66 % at 0dB <table><tr><td>10.0 %</td><td>3.47 dB</td></tr><tr><td>1.0 %</td><td>5.00 dB</td></tr><tr><td>0.1 %</td><td>5.56 dB</td></tr><tr><td>0.01 %</td><td>5.89 dB</td></tr><tr><td>0.001 %</td><td>6.09 dB</td></tr><tr><td>0.0001 %</td><td>6.18 dB</td></tr><tr><td>Peak</td><td>6.28 dB</td></tr><tr><td></td><td>30.27 dBm</td></tr></table> 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	10.0 %	3.47 dB	1.0 %	5.00 dB	0.1 %	5.56 dB	0.01 %	5.89 dB	0.001 %	6.09 dB	0.0001 %	6.18 dB	Peak	6.28 dB		30.27 dBm	
10.0 %	3.47 dB																	
1.0 %	5.00 dB																	
0.1 %	5.56 dB																	
0.01 %	5.89 dB																	
0.001 %	6.09 dB																	
0.0001 %	6.18 dB																	
Peak	6.28 dB																	
	30.27 dBm																	

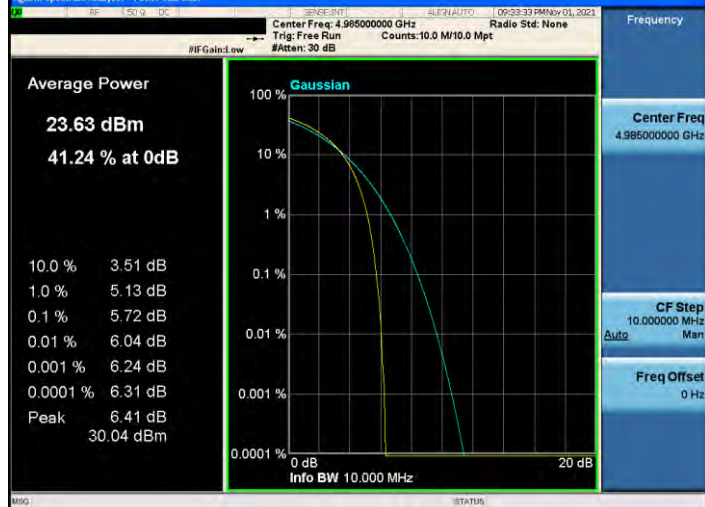
Mode 3: SISO_20 MHz Continuous TX mode (Legacy) _ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

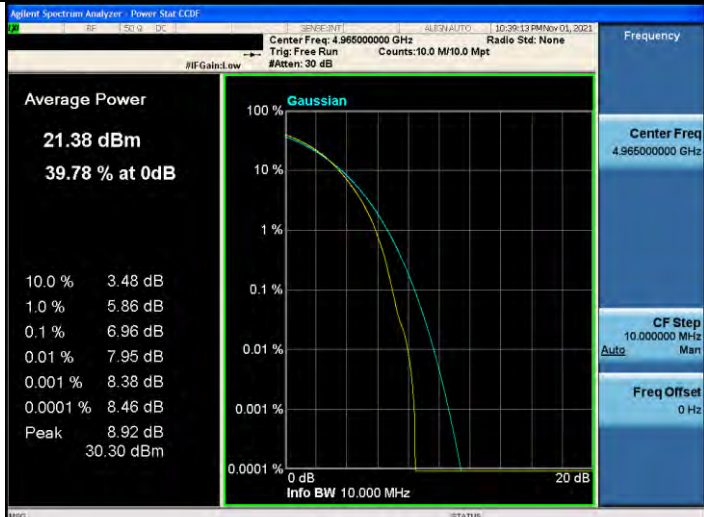
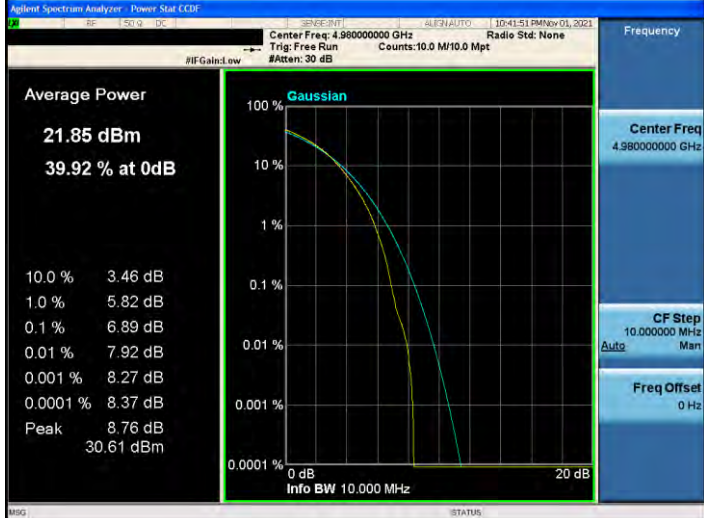
Mode 4: SISO_5 MHz Continuous TX mode_ANT-0		
4942.5 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq 4.942500000 GHz Average Power 23.90 dBm 43.66 % at 0dB 10.0 % 3.28 dB 1.0 % 4.53 dB 0.1 % 5.04 dB 0.01 % 5.35 dB 0.001 % 5.57 dB 0.0001 % 5.66 dB Peak 5.75 dB 29.65 dBm Info BW 5.0000 MHz Center Freq 4.942500000 GHz CF Step 5.000000 MHz Freq Offset 0 Hz	
4967.5 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq 4.967500000 GHz Average Power 24.24 dBm 43.43 % at 0dB 10.0 % 3.29 dB 1.0 % 4.58 dB 0.1 % 5.09 dB 0.01 % 5.39 dB 0.001 % 5.59 dB 0.0001 % 5.67 dB Peak 5.82 dB 30.06 dBm Info BW 5.0000 MHz Center Freq 4.967500000 GHz CF Step 5.000000 MHz Freq Offset 0 Hz	
4987.5 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq 4.987500000 GHz Average Power 23.63 dBm 41.24 % at 0dB 10.0 % 3.50 dB 1.0 % 5.12 dB 0.1 % 5.70 dB 0.01 % 6.02 dB 0.001 % 6.24 dB 0.0001 % 6.29 dB Peak 6.38 dB 30.01 dBm Info BW 5.0000 MHz Center Freq 4.987500000 GHz CF Step 5.000000 MHz Freq Offset 0 Hz	

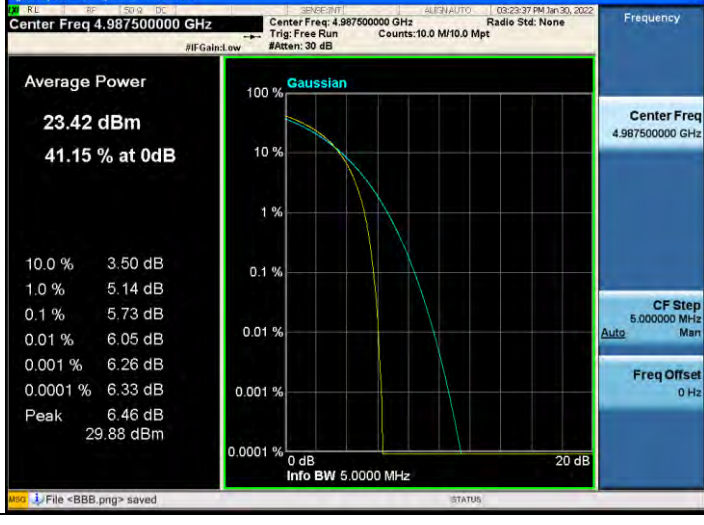


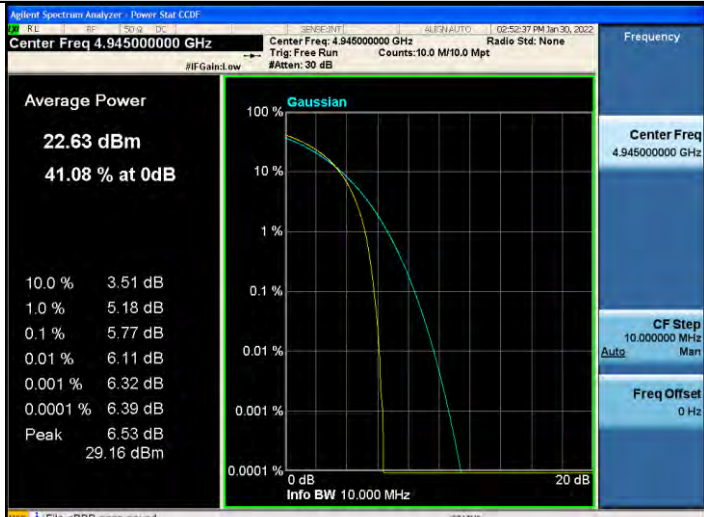
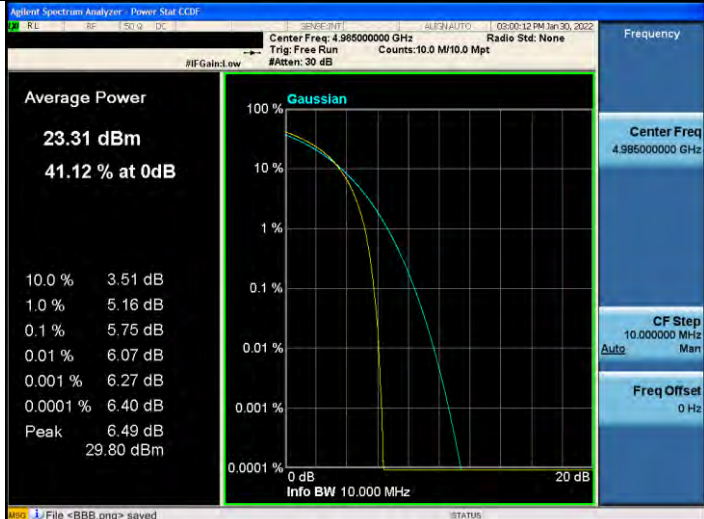
Mode 6: SISO_20 MHz Continuous TX mode_ANT-0		
4950 MHz		Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.95000000 GHz Trig: Free Run #Att: 30 dB Counts: 9.48 M/10.0 Mpt Radio Std: None 10:32:39 PM Nov 01, 2021 Average Power 21.10 dBm 38.77 % at 0dB 10.0 % 3.63 dB 1.0 % 6.20 dB 0.1 % 7.31 dB 0.01 % 8.06 dB 0.001 % 9.31 dB 0.0001 % 9.61 dB Peak 9.64 dB 30.74 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 10.000 MHz 20 dB Info BW 10.000 MHz Frequency Center Freq 4.95000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz MSGSTATUS
4965 MHz		Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.96500000 GHz Trig: Free Run #Att: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None 10:31:30 PM Nov 01, 2021 Average Power 21.39 dBm 38.85 % at 0dB 10.0 % 3.63 dB 1.0 % 6.19 dB 0.1 % 7.30 dB 0.01 % 8.04 dB 0.001 % 9.33 dB 0.0001 % 9.57 dB Peak 9.60 dB 30.99 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 10.000 MHz 20 dB Info BW 10.000 MHz Frequency Center Freq 4.96500000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz MSGSTATUS
4980 MHz		Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.98000000 GHz Trig: Free Run #Att: 30 dB Counts: 10.0 M/10.0 Mpt Radio Std: None 10:32:50 PM Nov 01, 2021 Average Power 21.49 dBm 38.68 % at 0dB 10.0 % 3.62 dB 1.0 % 6.22 dB 0.1 % 7.35 dB 0.01 % 8.09 dB 0.001 % 9.41 dB 0.0001 % 9.65 dB Peak 9.67 dB 31.16 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB 10.000 MHz 20 dB Info BW 10.000 MHz Frequency Center Freq 4.98000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz MSGSTATUS

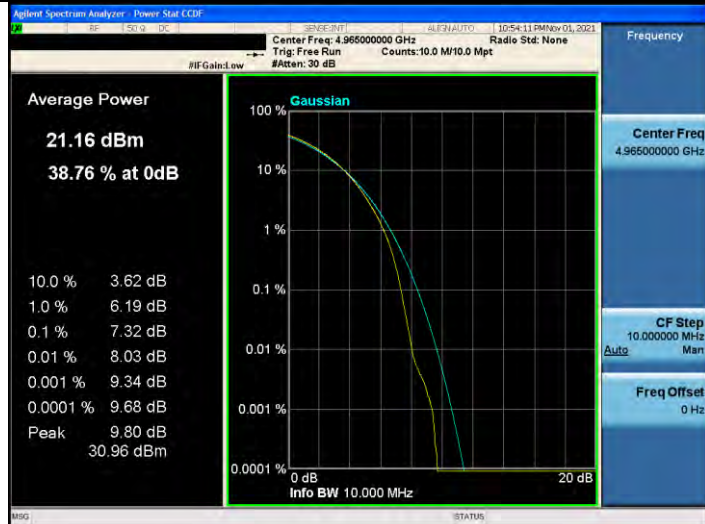
Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-0		
4942.5 MHz		
4967.5 MHz		
4987.5 MHz		

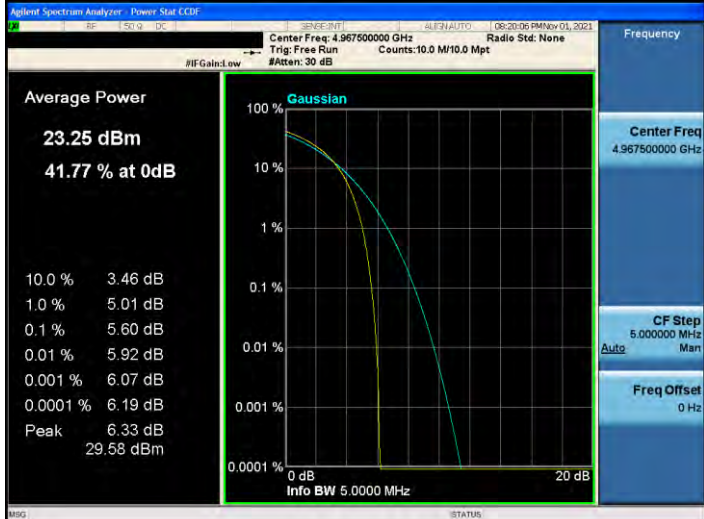
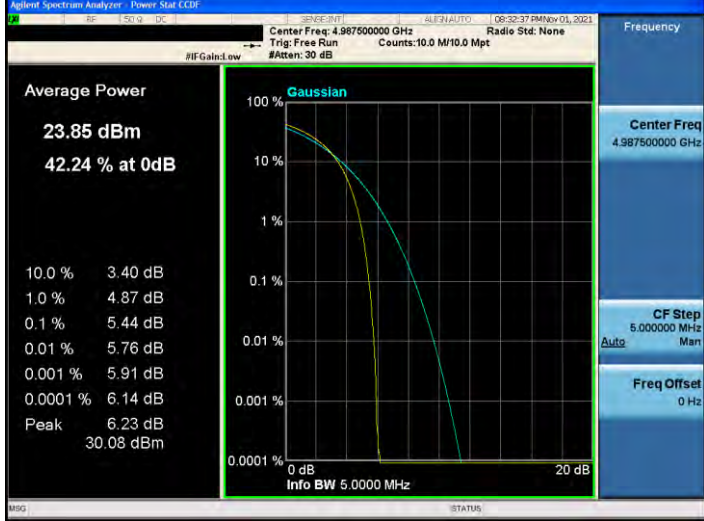
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0		
4945 MHz		
4965 MHz		
4985 MHz		

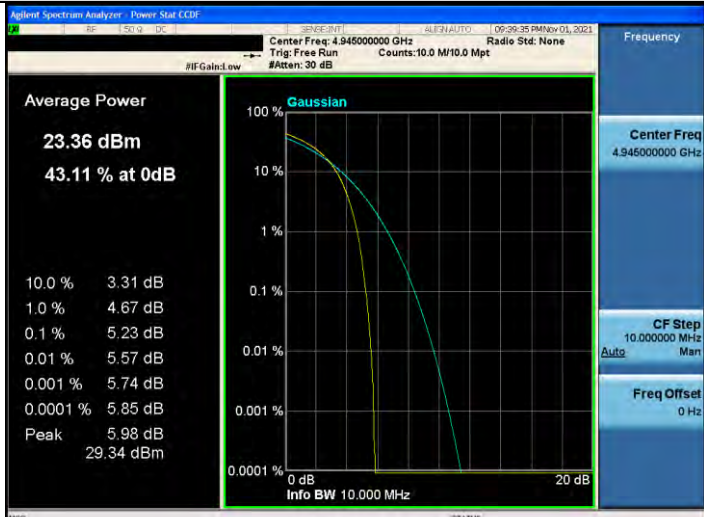
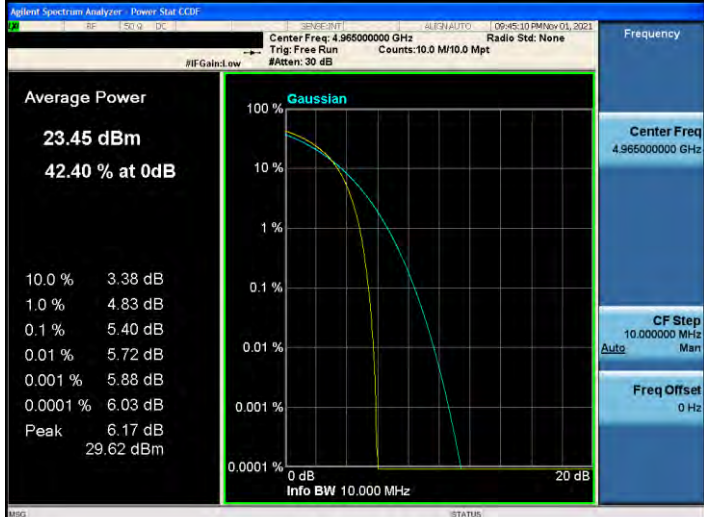
Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

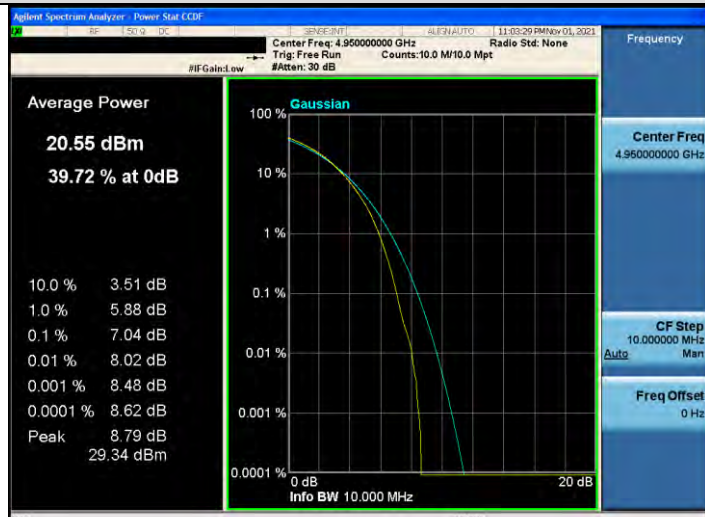
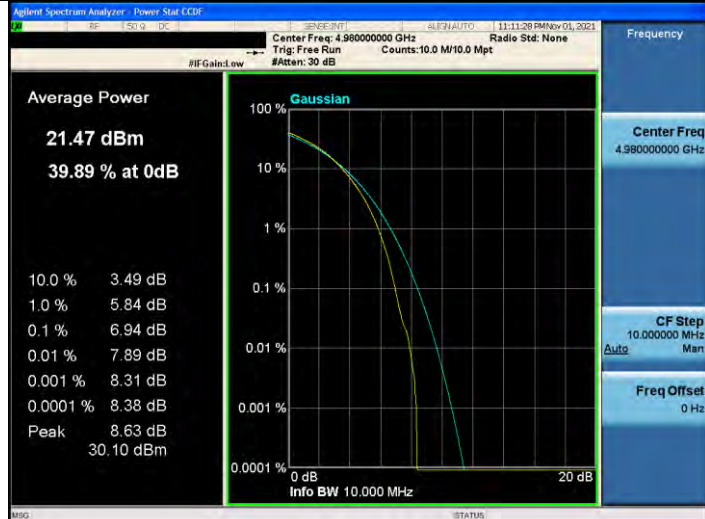
Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0		
4942.5 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq 4.942500000 GHz Average Power 23.22 dBm 42.23 % at 0dB 10.0 % 3.41 dB 1.0 % 4.85 dB 0.1 % 5.39 dB 0.01 % 5.71 dB 0.001 % 5.94 dB 0.0001 % 6.02 dB Peak 6.09 dB 29.31 dBm Info BW 5.0000 MHz Frequency Center Freq 4.942500000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz	
4967.5 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq 4.967500000 GHz Average Power 23.41 dBm 41.85 % at 0dB 10.0 % 3.45 dB 1.0 % 4.98 dB 0.1 % 5.53 dB 0.01 % 5.84 dB 0.001 % 6.05 dB 0.0001 % 6.16 dB Peak 6.28 dB 29.69 dBm 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 Average Power 23.42 dBm 41.15 % at 0dB 10.0 % 3.50 dB 1.0 % 5.14 dB 0.1 % 5.73 dB 0.01 % 6.05 dB 0.001 % 6.26 dB 0.0001 % 6.33 dB Peak 6.46 dB 29.88 dBm Info BW 5.0000 MHz Frequency Center Freq 4.987500000 GHz CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz	

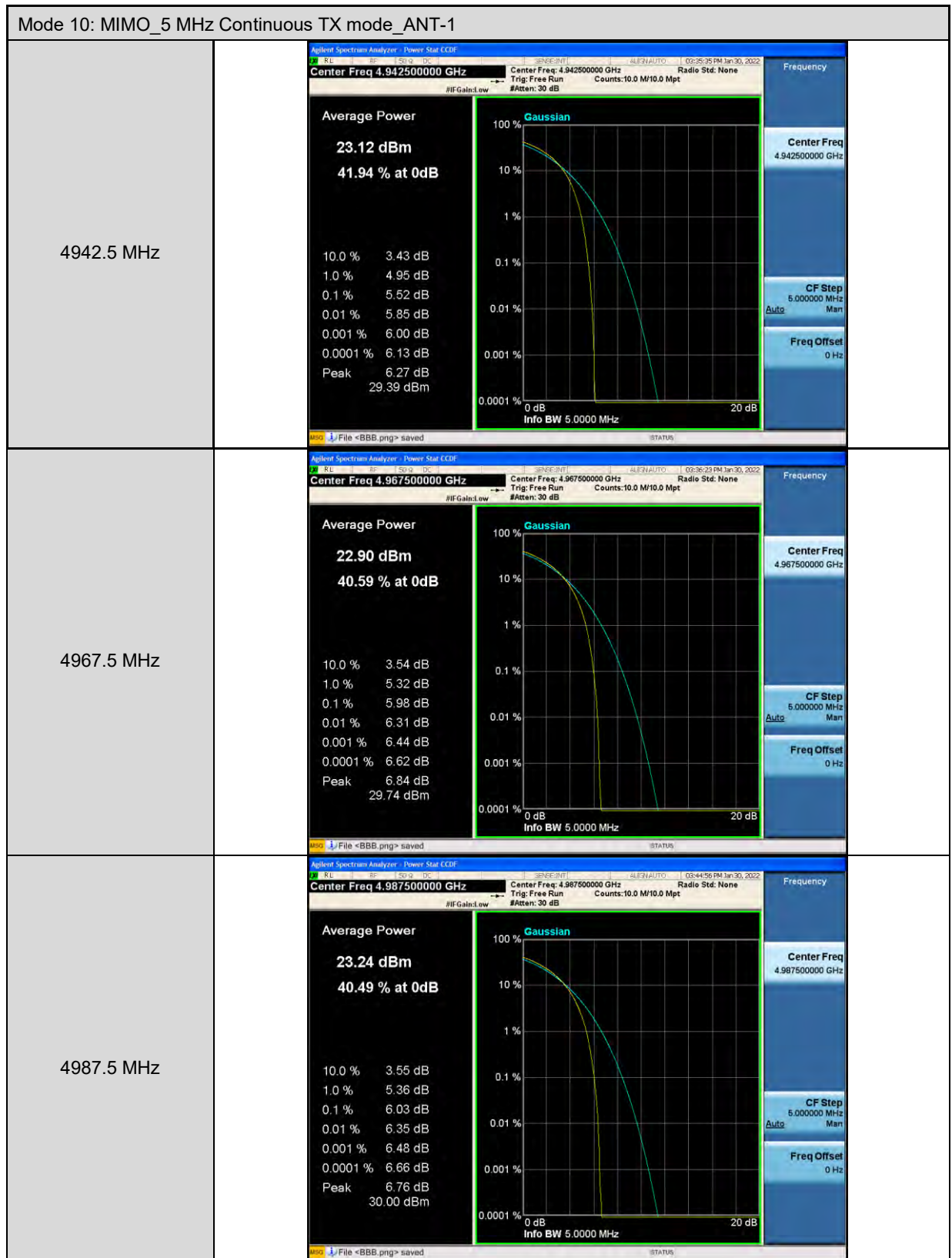
Mode 11: MIMO_10 MHz Continuous TX mode_ANT-0		
4945 MHz	 Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.945000000 GHz Average Power: 22.63 dBm 41.08 % at 0dB 10.0 % 3.51 dB 1.0 % 5.18 dB 0.1 % 5.77 dB 0.01 % 6.11 dB 0.001 % 6.32 dB 0.0001 % 6.39 dB Peak 6.53 dB 29.16 dBm Info BW 10.000 MHz	Frequency Center Freq 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: 23.24 dBm 41.64 % at 0dB 10.0 % 3.46 dB 1.0 % 5.00 dB 0.1 % 5.56 dB 0.01 % 5.88 dB 0.001 % 6.08 dB 0.0001 % 6.15 dB Peak 6.28 dB 29.52 dBm Info BW 10.000 MHz	Frequency Center Freq 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: 23.31 dBm 41.12 % at 0dB 10.0 % 3.51 dB 1.0 % 5.16 dB 0.1 % 5.75 dB 0.01 % 6.07 dB 0.001 % 6.27 dB 0.0001 % 6.40 dB Peak 6.49 dB 29.80 dBm Info BW 10.000 MHz	Frequency Center Freq 4.985000000 GHz CF Step 10.000000 MHz Freq Offset 0 Hz

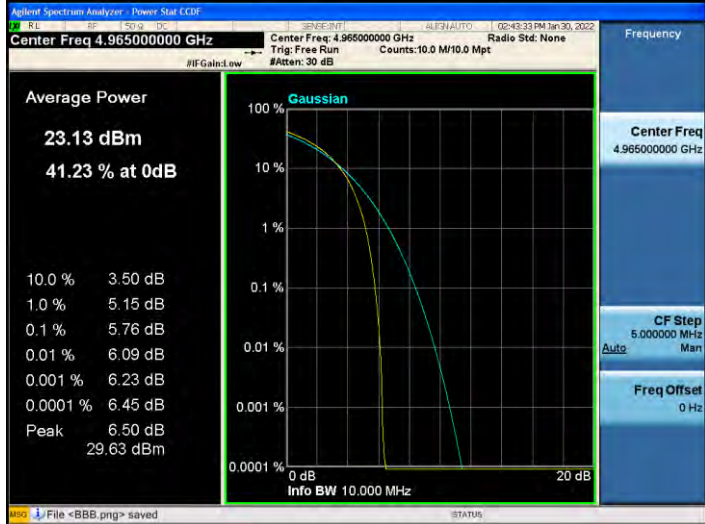
Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

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		
4965 MHz		
4985 MHz		

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



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

Mode 12: MIMO_20 MHz Continuous TX mode_ANT-1		
4950 MHz	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 11:15:32 PM Nov 01, 2021 Frequency Center Freq 4.950000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz Average Power 20.24 dBm 38.54 % at 0dB 10.0 % 3.64 dB 1.0 % 6.24 dB 0.1 % 7.39 dB 0.01 % 8.13 dB 0.001 % 9.43 dB 0.0001 % 9.62 dB Peak 9.67 dB 29.91 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 10.000 MHz 20 dB	
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 11:17:49 PM Nov 01, 2021 Frequency Center Freq 4.965000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz Average Power 20.79 dBm 38.77 % at 0dB 10.0 % 3.62 dB 1.0 % 6.18 dB 0.1 % 7.29 dB 0.01 % 8.05 dB 0.001 % 9.31 dB 0.0001 % 9.57 dB Peak 9.62 dB 30.41 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 10.000 MHz 20 dB	
4980 MHz	Agilent Spectrum Analyzer - Power Stat CCDF Center Freq: 4.980000000 GHz Trig: Free Run #Atten: 30 dB Counts: 7.51 M/10.0 Mpt Radio Std: None 11:21:36 PM Nov 01, 2021 Frequency Center Freq 4.980000000 GHz CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz Average Power 20.48 dBm 38.33 % at 0dB 10.0 % 3.66 dB 1.0 % 6.32 dB 0.1 % 7.50 dB 0.01 % 8.26 dB 0.001 % 9.42 dB 0.0001 % 9.72 dB Peak 9.74 dB 30.22 dBm Gaussian 100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 % 0 dB Info BW 10.000 MHz 20 dB	