

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	8.958	4.459
	4967.5	9.340	5.285
	4987.5	9.759	6.555
Mode 2	4945.0	17.980	9.553
	4965.0	19.320	11.223
	4985.0	19.280	12.992
Mode 3	4950.0	37.340	19.817
	4965.0	36.890	19.985
	4980.0	38.740	24.103
Mode 4	4942.5	9.393	4.693
	4967.5	9.316	4.337
	4987.5	8.814	4.643
Mode 5	4945.0	18.660	9.818
	4965.0	18.150	8.725
	4985.0	18.650	9.175
Mode 6	4950.0	37.090	19.243
	4965.0	38.260	19.689
	4980.0	43.220	21.382

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	9.026	8.456	4.522	4.291
	4967.5	9.808	8.948	5.908	4.377
	4987.5	9.647	7.637	5.807	4.305
Mode 8	4945.0	17.350	14.610	8.822	8.560
	4965.0	18.100	19.050	9.046	10.033
	4985.0	19.490	18.020	10.559	8.725
Mode 9	4950.0	36.940	29.130	29.245	17.450
	4965.0	37.510	33.780	19.823	17.965
	4980.0	36.910	34.880	22.717	18.677
Mode 10	4942.5	7.882	6.125	4.355	4.208
	4967.5	7.725	5.740	4.266	4.213
	4987.5	8.448	7.270	4.327	4.246
Mode 11	4945.0	19.420	12.550	9.285	8.462
	4965.0	17.920	17.330	9.589	8.521
	4985.0	18.770	15.550	8.712	8.470
Mode 12	4950.0	37.850	33.570	19.683	18.617
	4965.0	39.040	35.190	19.346	18.854
	4980.0	41.830	39.280	22.395	19.311

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

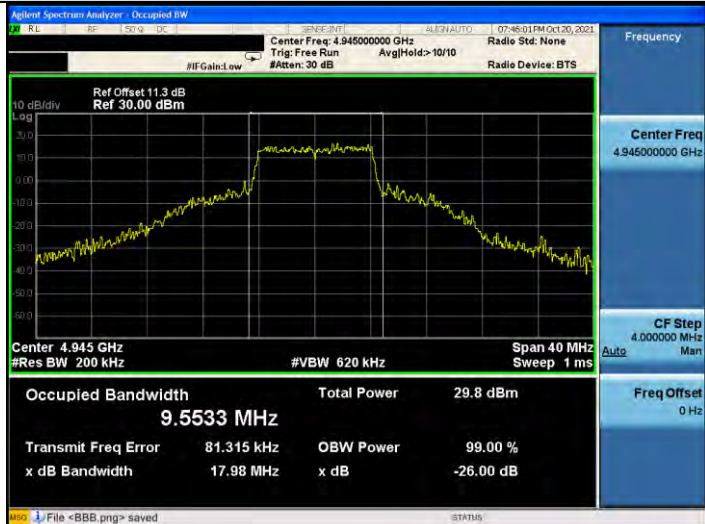


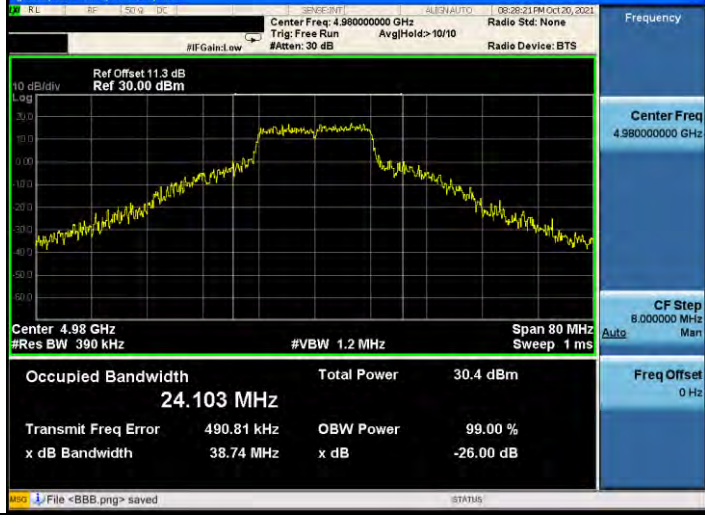
4967.5 MHz

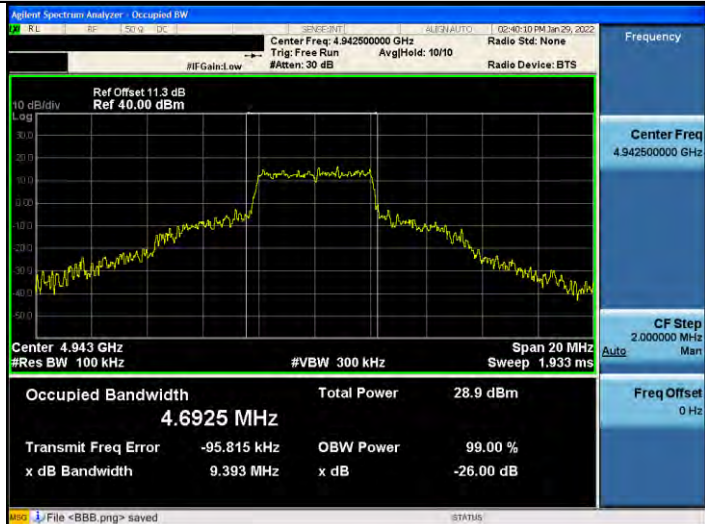
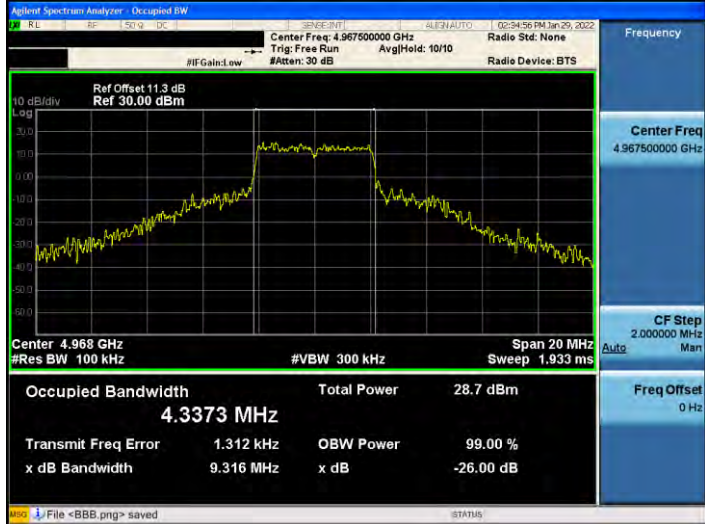
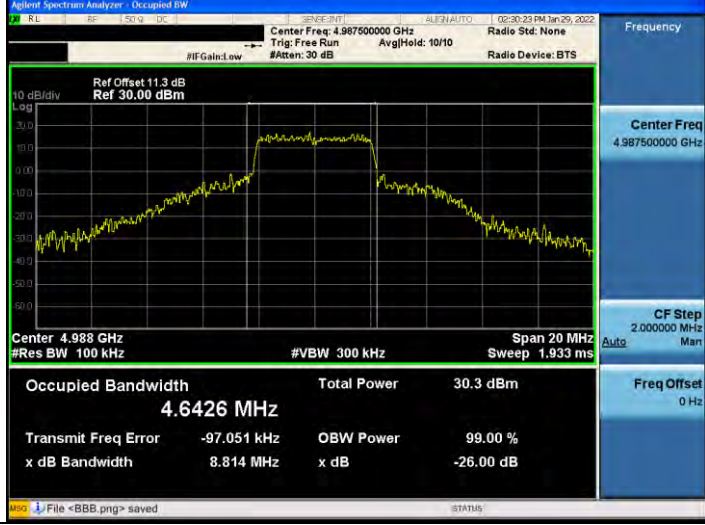


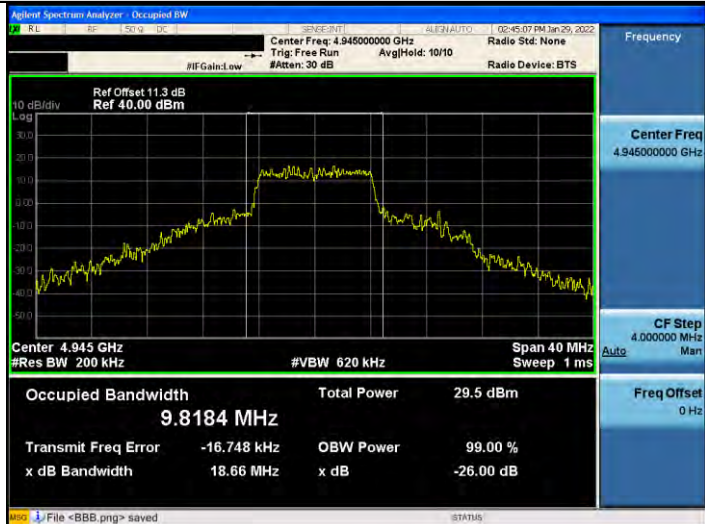
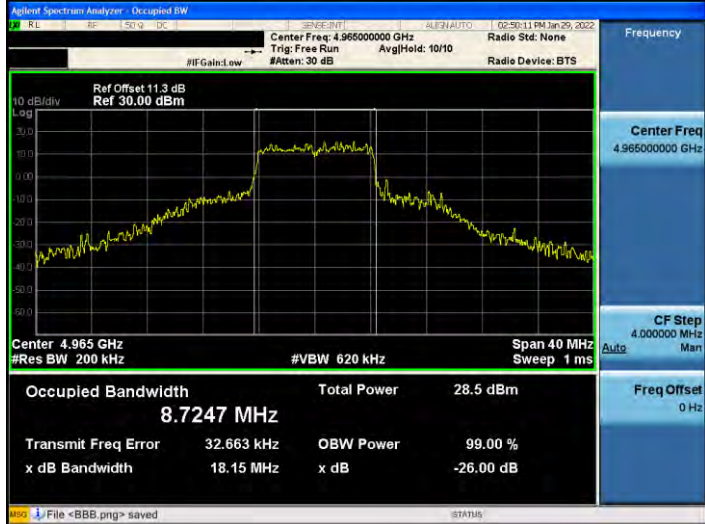
4987.5 MHz

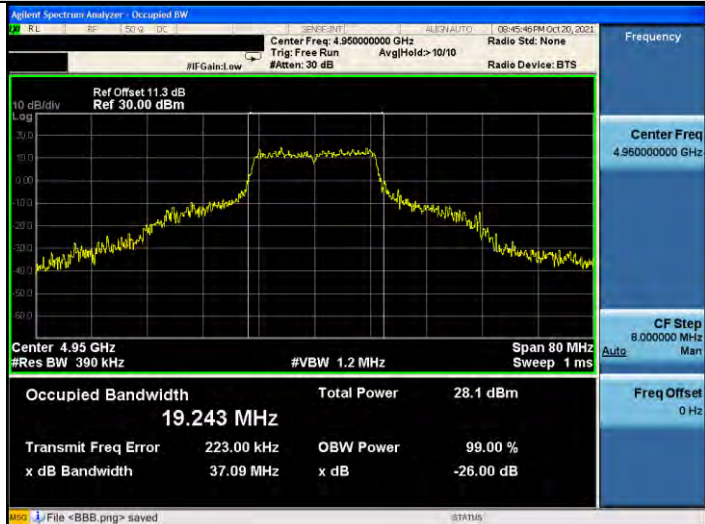
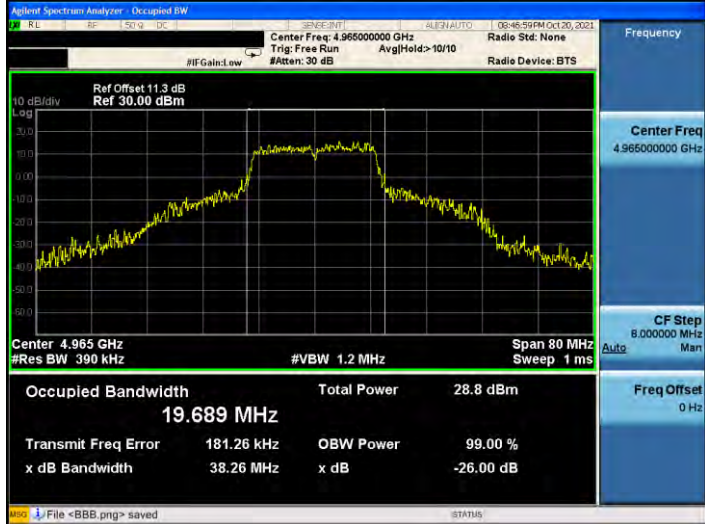


Mode 2: SISO_10 MHz Continuous TX mode (Legacy) _ANT-0	
4945 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.94500000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.945 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 9.5533 MHz Total Power 29.8 dBm Transmit Freq Error 81.315 kHz OBW Power 99.00 % x dB Bandwidth 17.98 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.94500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96500000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.965 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 11.223 MHz Total Power 31.5 dBm Transmit Freq Error 376.51 kHz OBW Power 99.00 % x dB Bandwidth 19.32 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.96500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98500000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.985 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 12.992 MHz Total Power 31.4 dBm Transmit Freq Error 277.67 kHz OBW Power 99.00 % x dB Bandwidth 19.28 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.98500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

Mode 3: SISO_20 MHz Continuous TX mode (Legacy) _ANT-0		
4950 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.95000000 GHz Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.95 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.817 MHz Total Power 29.9 dBm Transmit Freq Error 480.91 kHz OBW Power 99.00 % x dB Bandwidth 37.34 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 4.95000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96500000 GHz Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.965 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.985 MHz Total Power 29.6 dBm Transmit Freq Error 363.90 kHz OBW Power 99.00 % x dB Bandwidth 36.89 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 4.96500000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
4980 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98000000 GHz Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.98 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 24.103 MHz Total Power 30.4 dBm Transmit Freq Error 490.81 kHz OBW Power 99.00 % x dB Bandwidth 38.74 MHz x dB -26.00 dB File <BBB.png> saved	Frequency Center Freq 4.98000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz

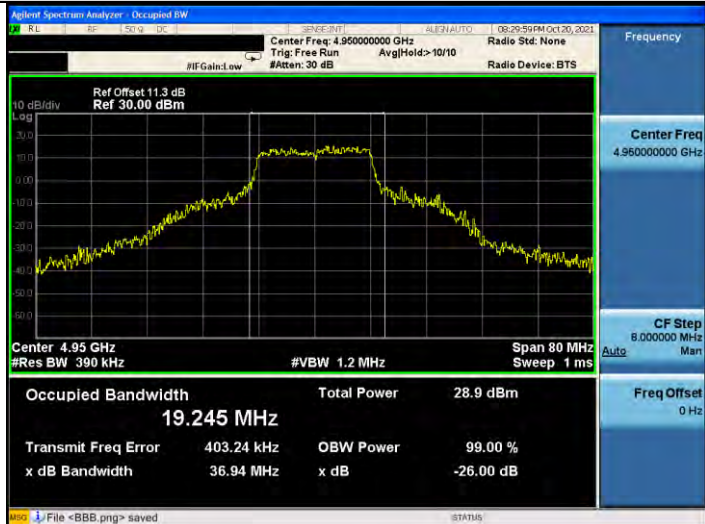
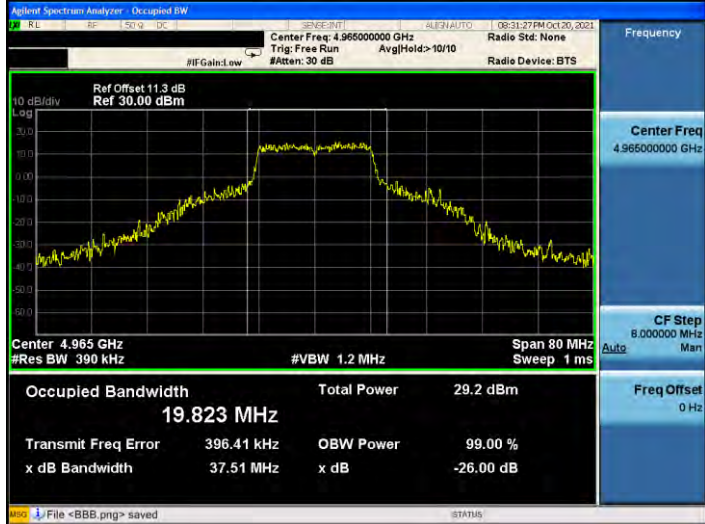
Mode 4: SISO_5 MHz Continuous TX mode_ANT-0	
4942.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.94250000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 40.00 dBm Center 4.943 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.6925 MHz Total Power 28.9 dBm Transmit Freq Error -95.815 kHz OBW Power 99.00 % x dB Bandwidth 9.393 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.94250000 GHz CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz
4967.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96750000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm Center 4.968 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.3373 MHz Total Power 28.7 dBm Transmit Freq Error 1.312 kHz OBW Power 99.00 % x dB Bandwidth 9.316 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.96750000 GHz CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz
4987.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98750000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm Center 4.988 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.6426 MHz Total Power 30.3 dBm Transmit Freq Error -97.051 kHz OBW Power 99.00 % x dB Bandwidth 8.814 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.98750000 GHz CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz

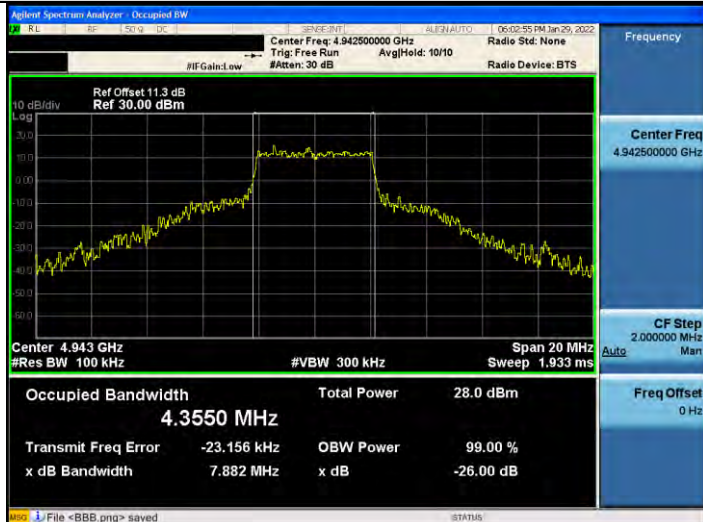
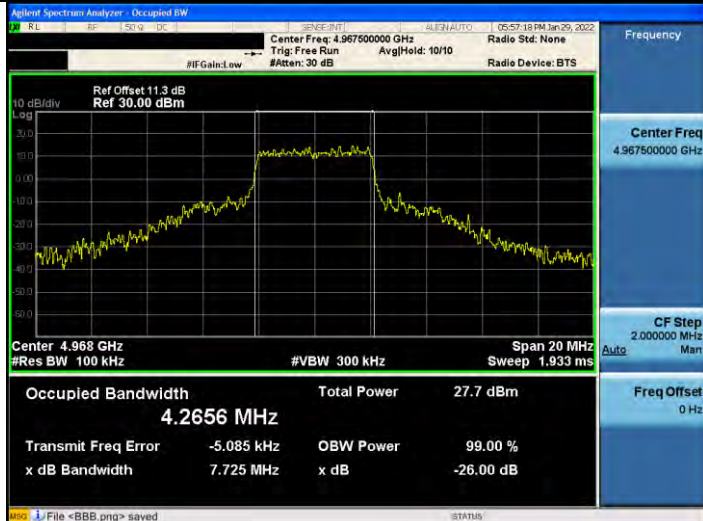
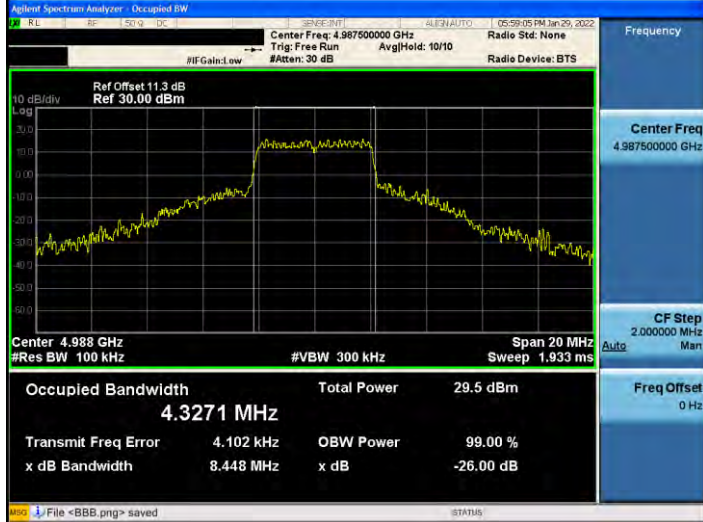
Mode 5: SISO_10 MHz Continuous TX mode_ANT-0		
4945 MHz		Frequency Center Freq 4.94500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.96500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz		Frequency Center Freq 4.98500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

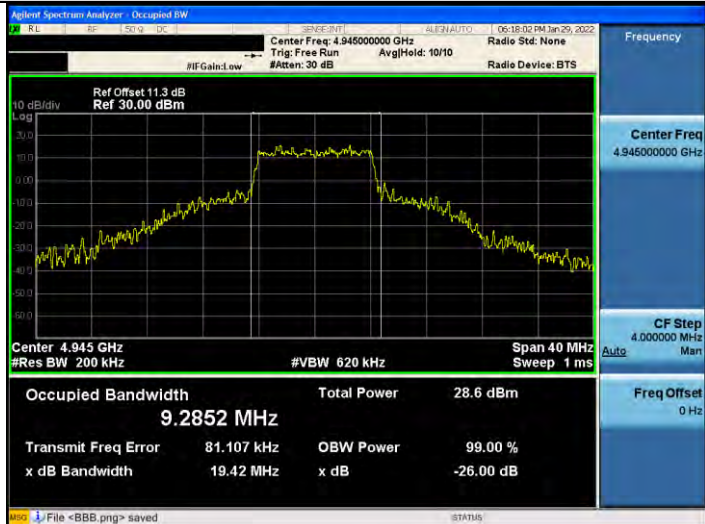
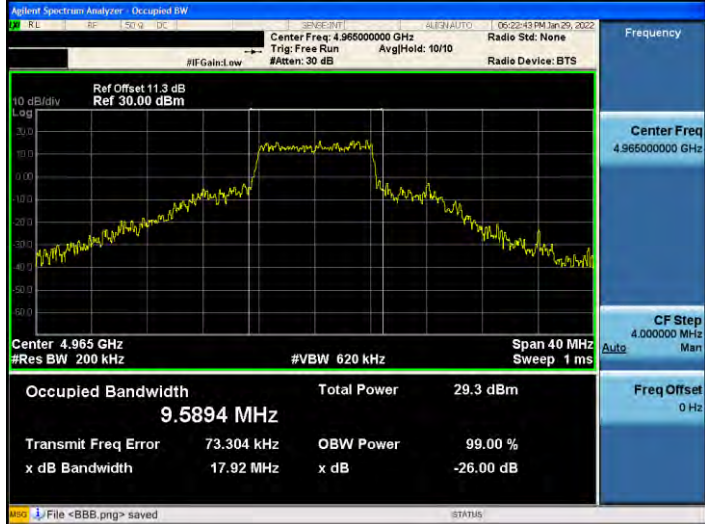
Mode 6: SISO_20 MHz Continuous TX mode_ANT-0		
4950 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.95000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.95 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.243 MHz Total Power 28.1 dBm Transmit Freq Error 223.00 kHz OBW Power 99.00 % x dB Bandwidth 37.09 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)	Frequency Center Freq 4.95000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96500000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.965 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.689 MHz Total Power 28.8 dBm Transmit Freq Error 181.26 kHz OBW Power 99.00 % x dB Bandwidth 38.26 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)	Frequency Center Freq 4.96500000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
4980 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.98 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 21.382 MHz Total Power 29.8 dBm Transmit Freq Error 412.27 kHz OBW Power 99.00 % x dB Bandwidth 43.22 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)	Frequency Center Freq 4.98000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz

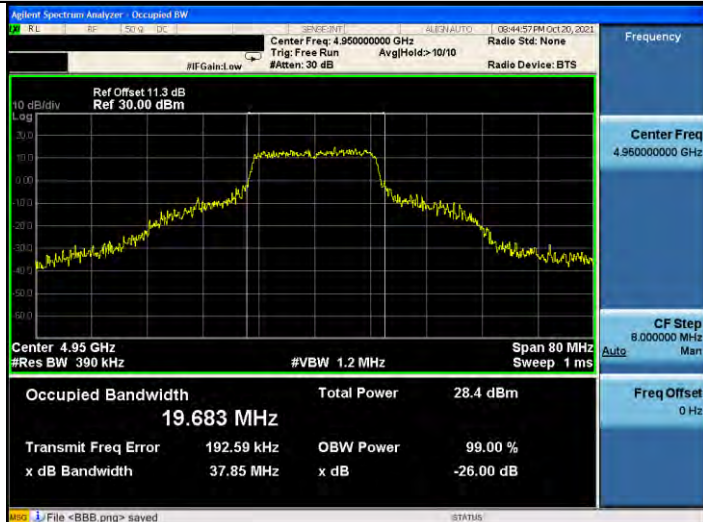
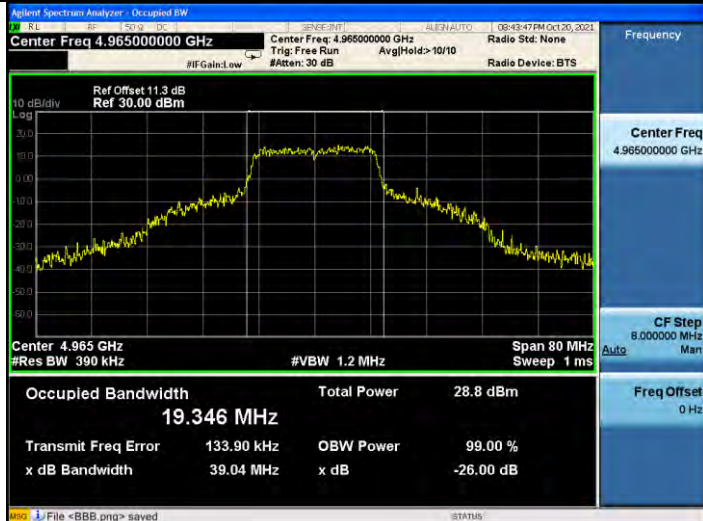
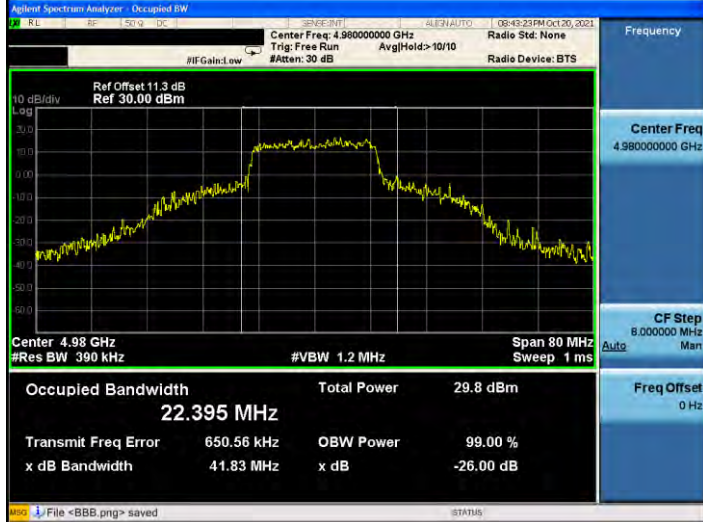
Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-0		
4942.5 MHz		Frequency Center Freq 4.94250000 GHz CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz
4967.5 MHz		Frequency Center Freq 4.96750000 GHz CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz
4987.5 MHz		Frequency Center Freq 4.96750000 GHz CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz

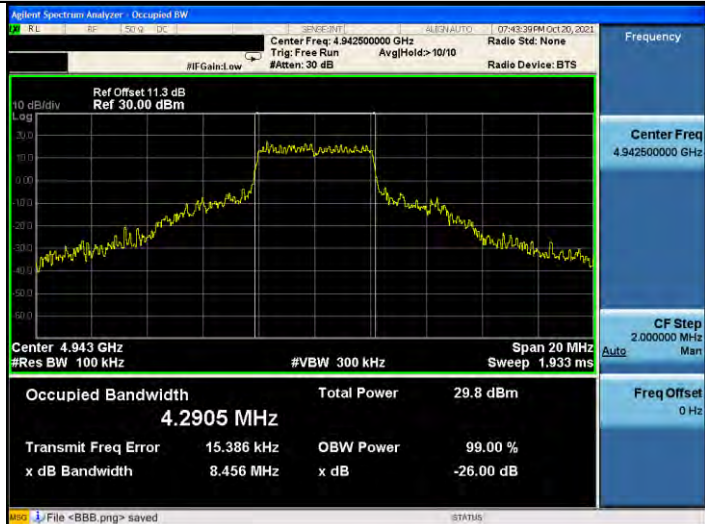
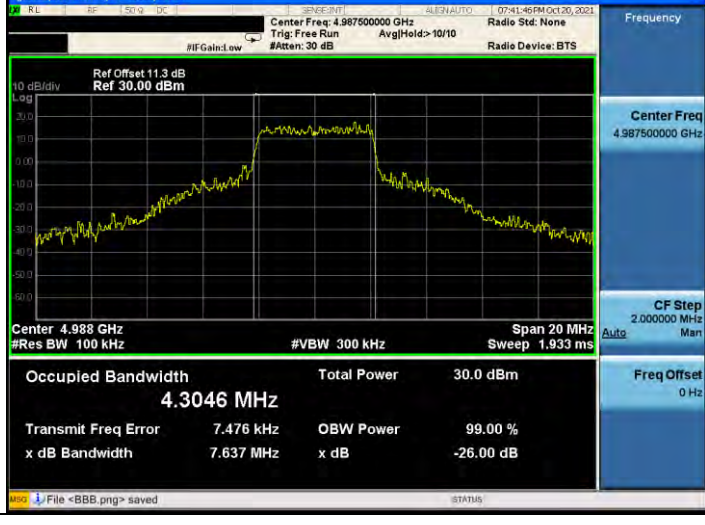
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0		
4945 MHz		Frequency Center Freq 4.94500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.96500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz		Frequency Center Freq 4.98500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

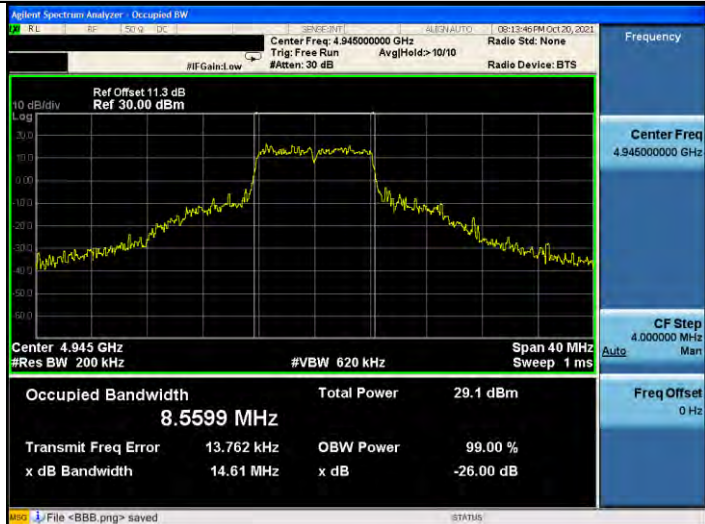
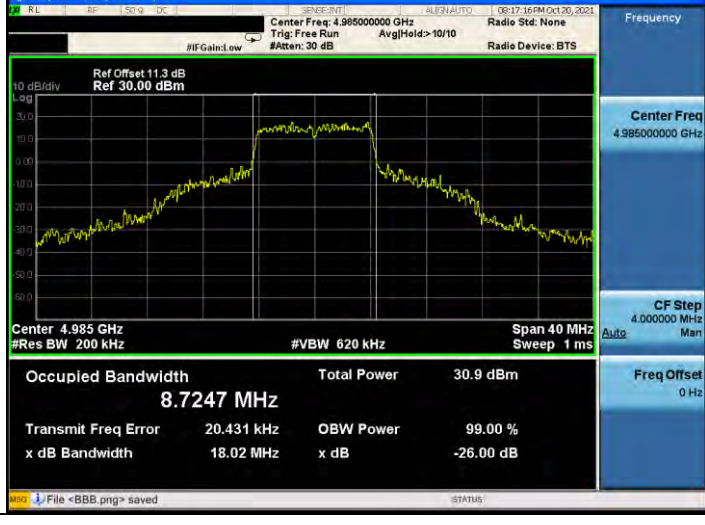
Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-0		
4950 MHz		Frequency Center Freq 4.95000000 GHz CF Step 8.000000 MHz Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.96500000 GHz CF Step 8.000000 MHz Man Freq Offset 0 Hz
4980 MHz		Frequency Center Freq 4.98000000 GHz CF Step 8.000000 MHz Man Freq Offset 0 Hz

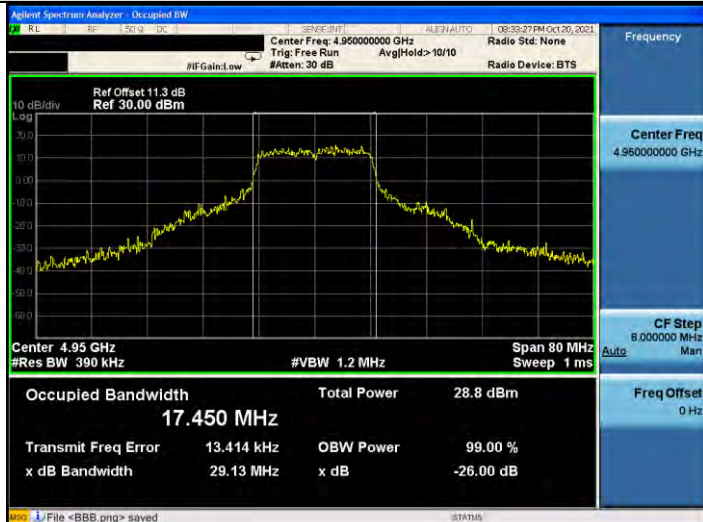
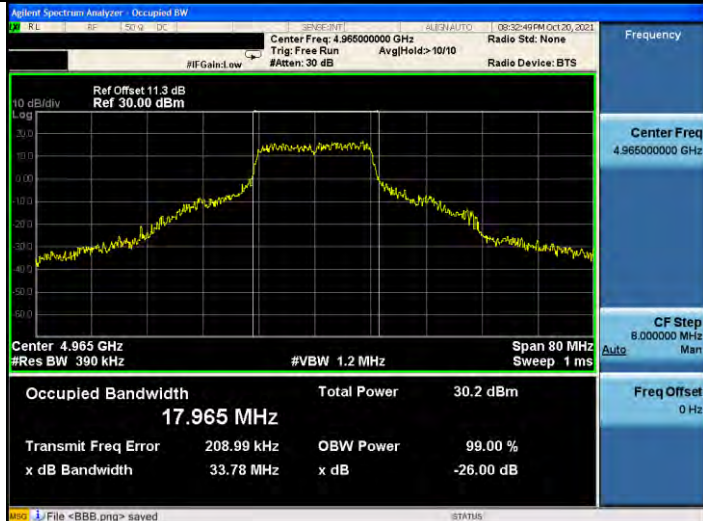
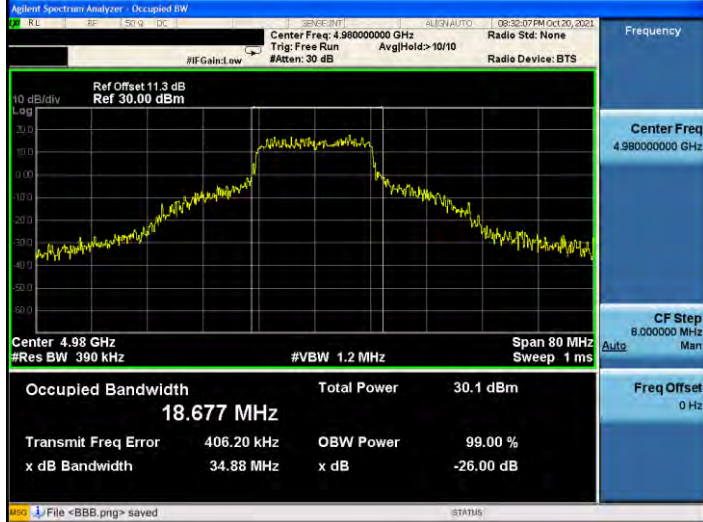
Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0	
4942.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.942500000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm Center 4.943 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.3550 MHz Total Power 28.0 dBm Transmit Freq Error -23.156 kHz OBW Power 99.00 % x dB Bandwidth 7.882 MHz x dB -26.00 dB File <BBB.png> saved
4967.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.967500000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm Center 4.968 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.2656 MHz Total Power 27.7 dBm Transmit Freq Error -5.085 kHz OBW Power 99.00 % x dB Bandwidth 7.725 MHz x dB -26.00 dB File <BBB.png> saved
4987.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.987500000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm Center 4.988 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.3271 MHz Total Power 29.5 dBm Transmit Freq Error 4.102 kHz OBW Power 99.00 % x dB Bandwidth 8.448 MHz x dB -26.00 dB File <BBB.png> saved

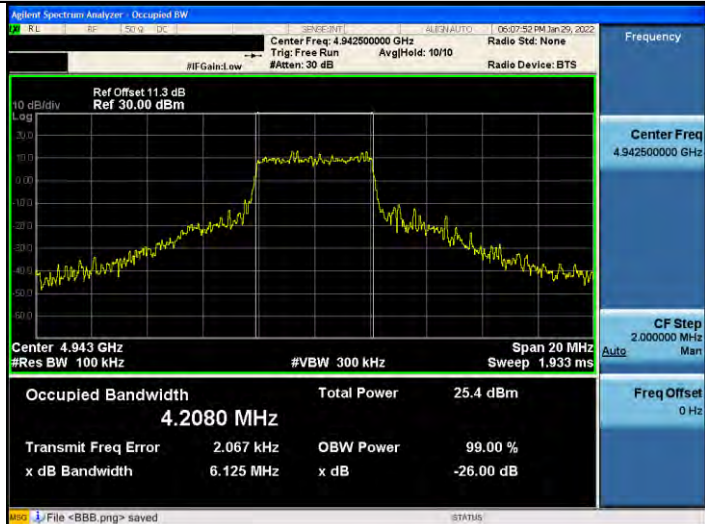
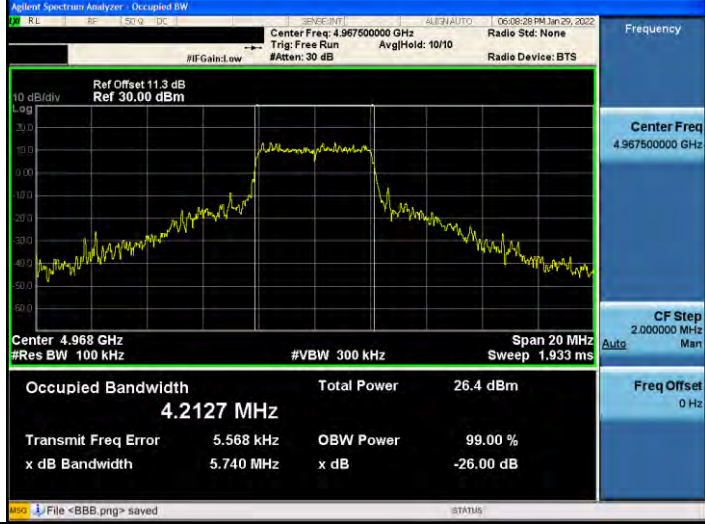
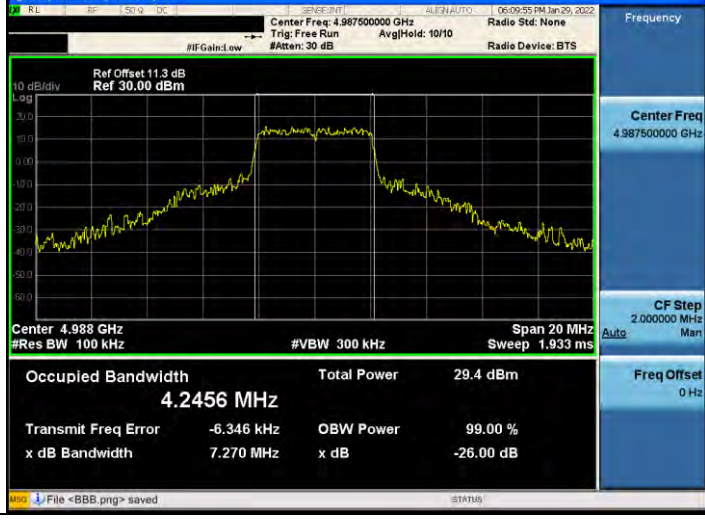
Mode 11: MIMO_10 MHz Continuous TX mode_ANT-0		
4945 MHz		Frequency Center Freq 4.94500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.96500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz		Frequency Center Freq 4.98500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

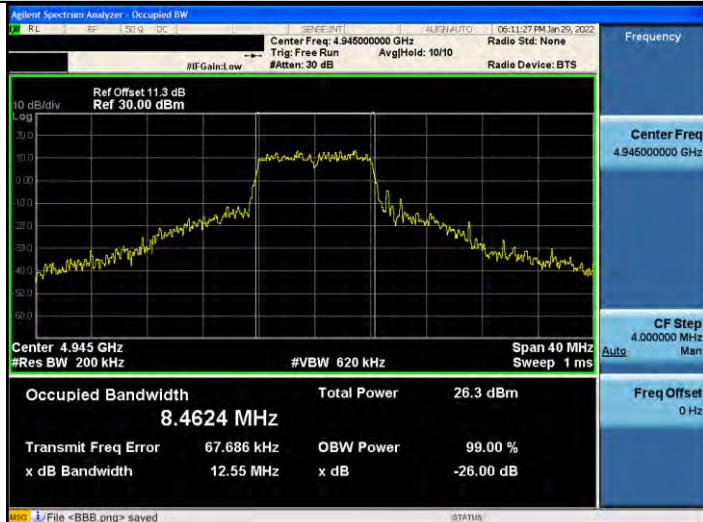
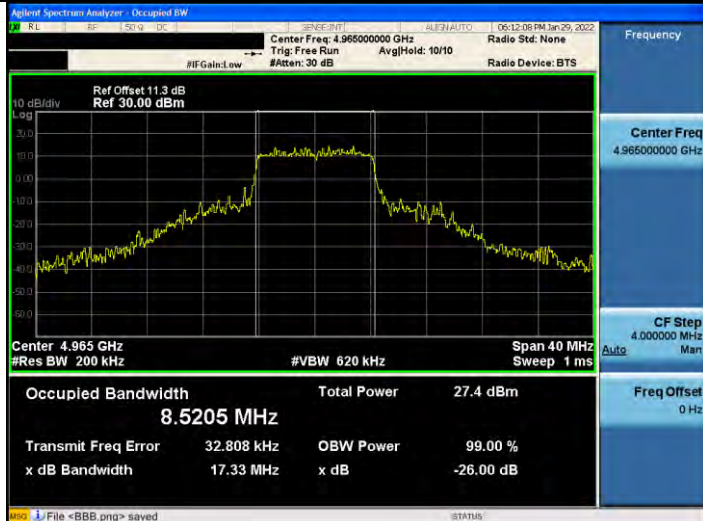
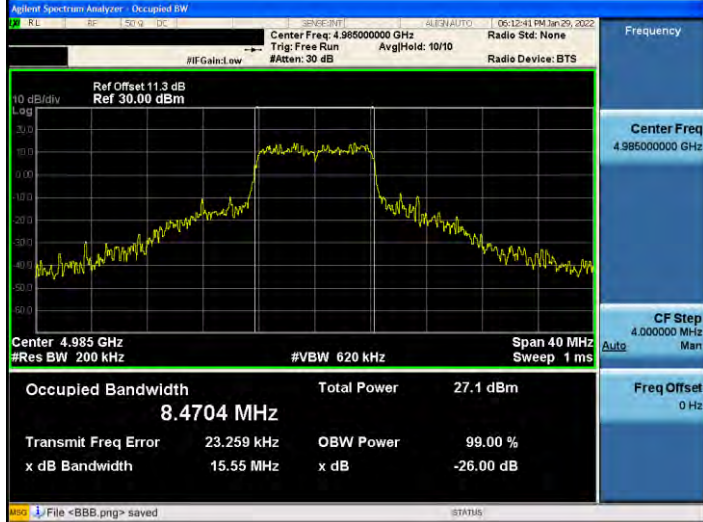
Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0		
4950 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.95000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.95 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.683 MHz Total Power 28.4 dBm Transmit Freq Error 192.59 kHz OBW Power 99.00 % x dB Bandwidth 37.85 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)	Frequency Center Freq 4.95000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.965000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.965 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.346 MHz Total Power 28.8 dBm Transmit Freq Error 133.90 kHz OBW Power 99.00 % x dB Bandwidth 39.04 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)	Frequency Center Freq 4.965000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
4980 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.980000000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.98 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 22.395 MHz Total Power 29.8 dBm Transmit Freq Error 650.56 kHz OBW Power 99.00 % x dB Bandwidth 41.83 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)	Frequency Center Freq 4.980000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz

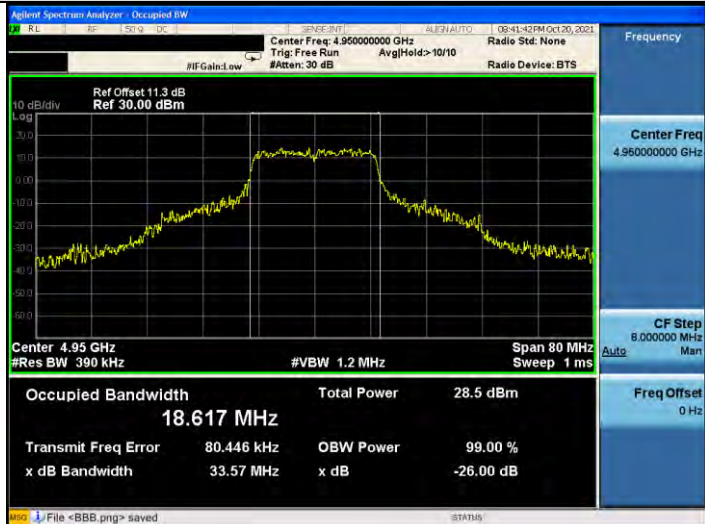
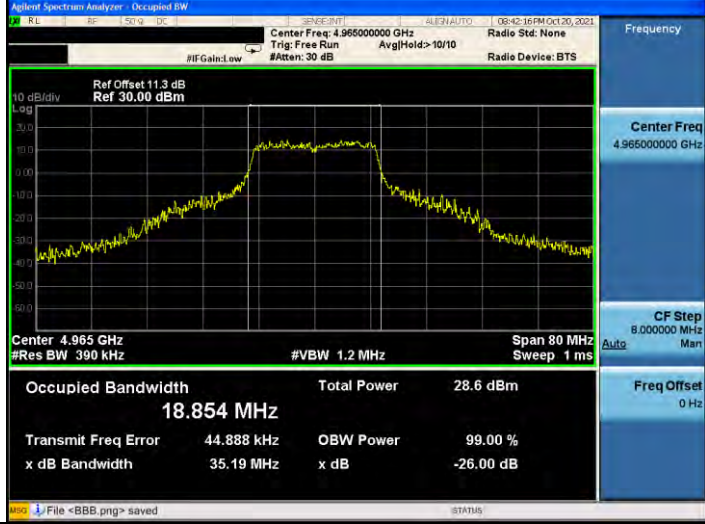
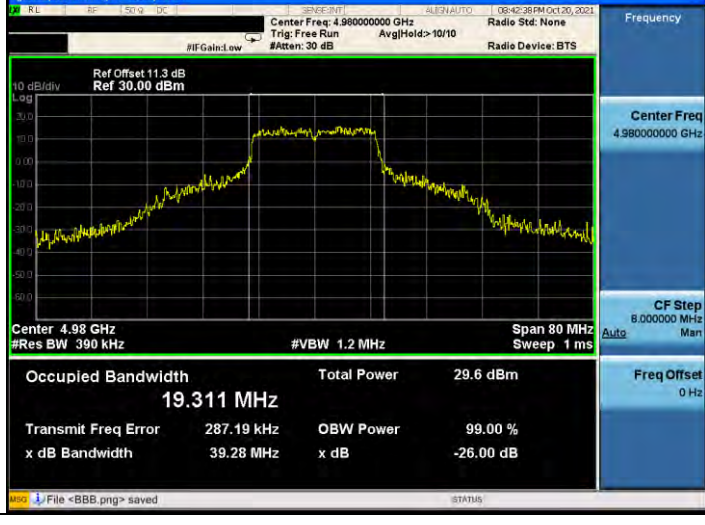
Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-1	
4942.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.94250000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm Center 4.943 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.2905 MHz Total Power 29.8 dBm Transmit Freq Error 15.386 kHz OBW Power 99.00 % x dB Bandwidth 8.456 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)
4967.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96750000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm Center 4.968 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.3774 MHz Total Power 30.6 dBm Transmit Freq Error 4.039 kHz OBW Power 99.00 % x dB Bandwidth 8.948 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)
4987.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98750000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm Center 4.988 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.3046 MHz Total Power 30.0 dBm Transmit Freq Error 7.476 kHz OBW Power 99.00 % x dB Bandwidth 7.637 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)

Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-1	
4945 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.94500000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div L 9g Center 4.945 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 8.5599 MHz Total Power 29.1 dBm Transmit Freq Error 13.762 kHz OBW Power 99.00 % x dB Bandwidth 14.61 MHz x dB -26.00 dB File <BBB.png> saved (STATUS) Frequency Center Freq 4.94500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96500000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div L 9g Center 4.965 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 10.033 MHz Total Power 30.9 dBm Transmit Freq Error 134.34 kHz OBW Power 99.00 % x dB Bandwidth 19.05 MHz x dB -26.00 dB File <BBB.png> saved (STATUS) Frequency Center Freq 4.96500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98500000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div L 9g Center 4.985 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 8.7247 MHz Total Power 30.9 dBm Transmit Freq Error 20.431 kHz OBW Power 99.00 % x dB Bandwidth 18.02 MHz x dB -26.00 dB File <BBB.png> saved (STATUS) Frequency Center Freq 4.98500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-1	
4950 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.95000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div L 9g Center 4.95 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.450 MHz Total Power 28.8 dBm Transmit Freq Error 13.414 kHz OBW Power 99.00 % x dB Bandwidth 29.13 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)
4965 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96500000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div L 9g Center 4.965 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.965 MHz Total Power 30.2 dBm Transmit Freq Error 208.99 kHz OBW Power 99.00 % x dB Bandwidth 33.78 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)
4980 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div L 9g Center 4.98 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.677 MHz Total Power 30.1 dBm Transmit Freq Error 406.20 kHz OBW Power 99.00 % x dB Bandwidth 34.88 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)

Mode 10: MIMO_5 MHz Continuous TX mode_ANT-1	
4942.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.94250000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm Center 4.943 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.2080 MHz Total Power 25.4 dBm Transmit Freq Error 2.067 kHz OBW Power 99.00 % x dB Bandwidth 6.125 MHz x dB -26.00 dB File <BBB.png> saved
4967.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96750000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm Center 4.968 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.2127 MHz Total Power 26.4 dBm Transmit Freq Error 5.568 kHz OBW Power 99.00 % x dB Bandwidth 5.740 MHz x dB -26.00 dB File <BBB.png> saved
4987.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98750000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm Center 4.988 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.2456 MHz Total Power 29.4 dBm Transmit Freq Error -6.346 kHz OBW Power 99.00 % x dB Bandwidth 7.270 MHz x dB -26.00 dB File <BBB.png> saved

Mode 11: MIMO_10 MHz Continuous TX mode_ANT-1	
4945 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.94500000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.945 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 8.4624 MHz Total Power 26.3 dBm Transmit Freq Error 67.686 kHz OBW Power 99.00 % x dB Bandwidth 12.55 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)
4965 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96500000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.965 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 8.5205 MHz Total Power 27.4 dBm Transmit Freq Error 32.808 kHz OBW Power 99.00 % x dB Bandwidth 17.33 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)
4985 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98500000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.985 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 8.4704 MHz Total Power 27.1 dBm Transmit Freq Error 23.259 kHz OBW Power 99.00 % x dB Bandwidth 15.55 MHz x dB -26.00 dB File <BBB.png> saved (STATUS)

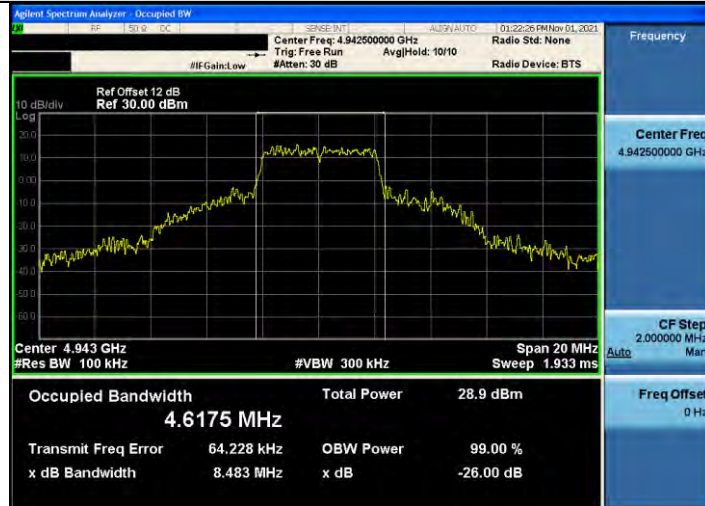
Mode 12: MIMO_20 MHz Continuous TX mode_ANT-1	
4950 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.95000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.95 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.617 MHz Total Power 28.5 dBm Transmit Freq Error 80.446 kHz OBW Power 99.00 % x dB Bandwidth 33.57 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.95000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96500000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.965 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.854 MHz Total Power 28.6 dBm Transmit Freq Error 44.888 kHz OBW Power 99.00 % x dB Bandwidth 35.19 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.96500000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
4980 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 11.3 dB Ref 30.00 dBm 10 dB/div Center 4.98 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.311 MHz Total Power 29.6 dBm Transmit Freq Error 287.19 kHz OBW Power 99.00 % x dB Bandwidth 39.28 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.98000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz

Module: RJ-1705

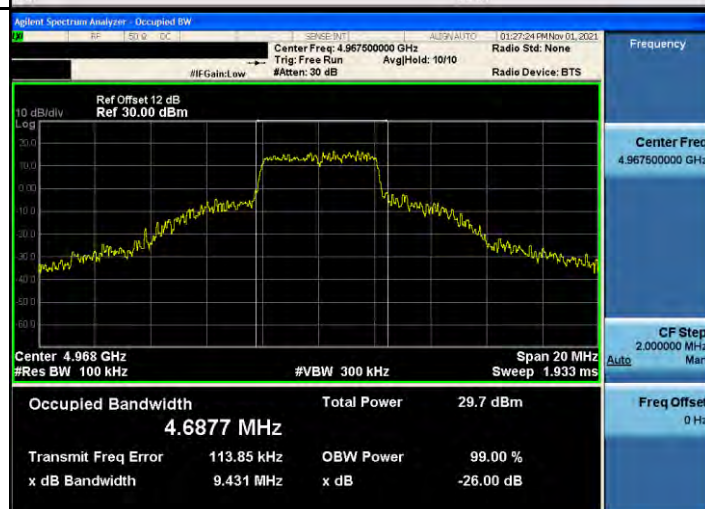
Test Graphs

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

4942.5 MHz

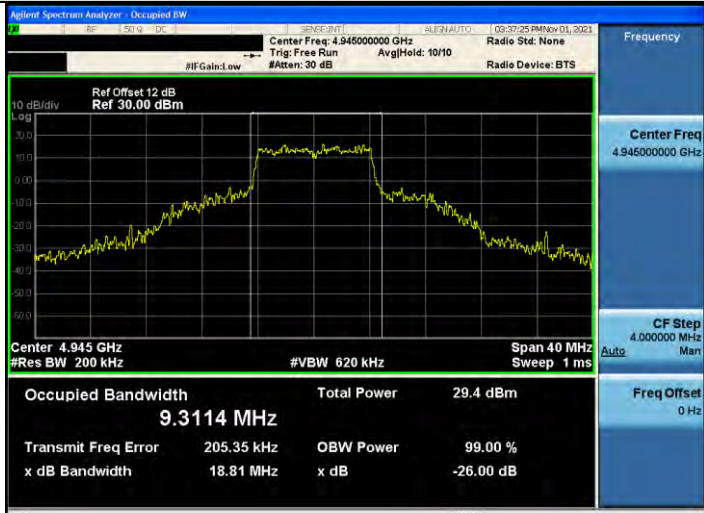
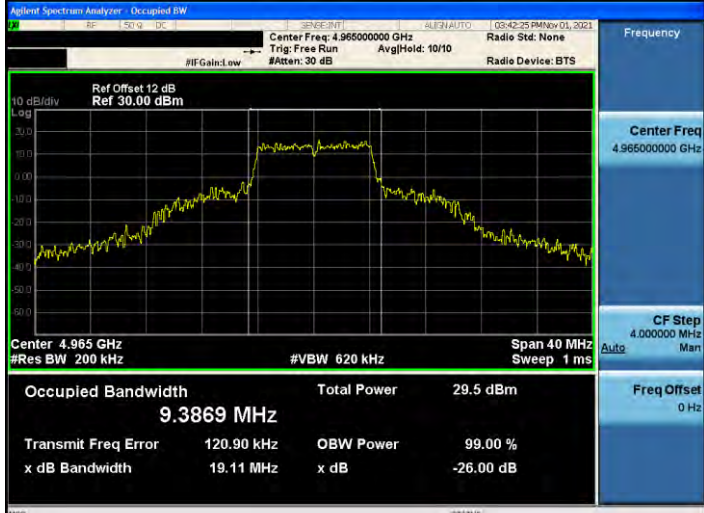


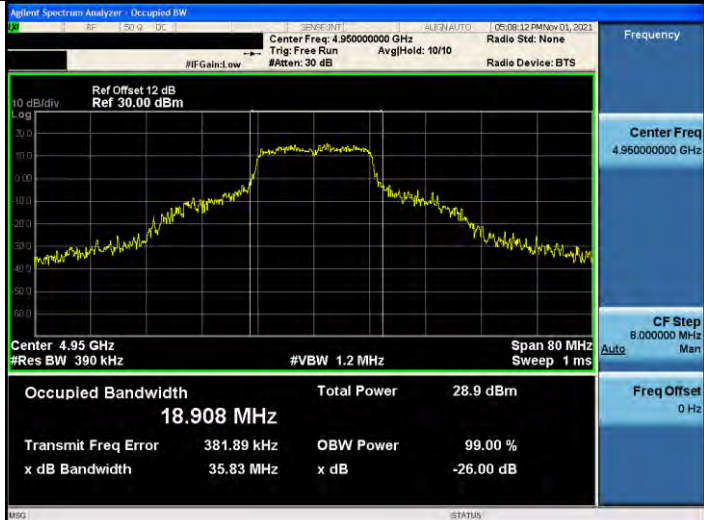
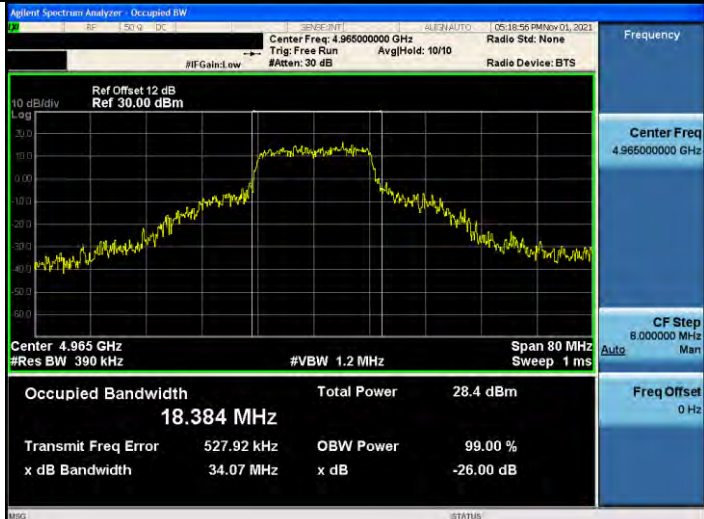
4967.5 MHz

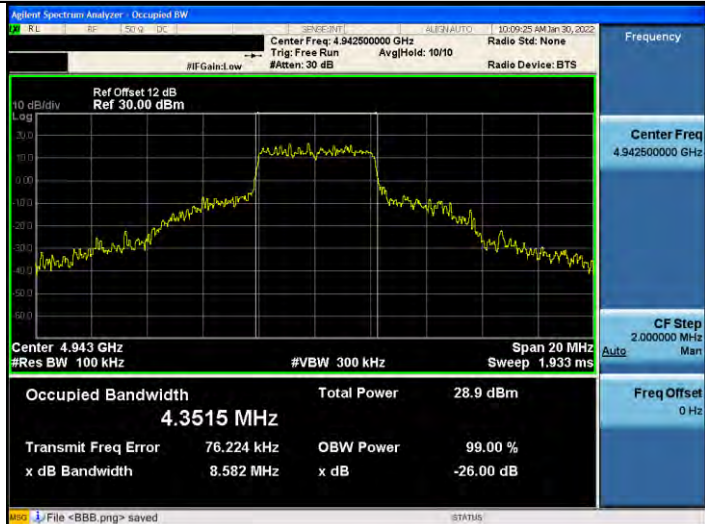


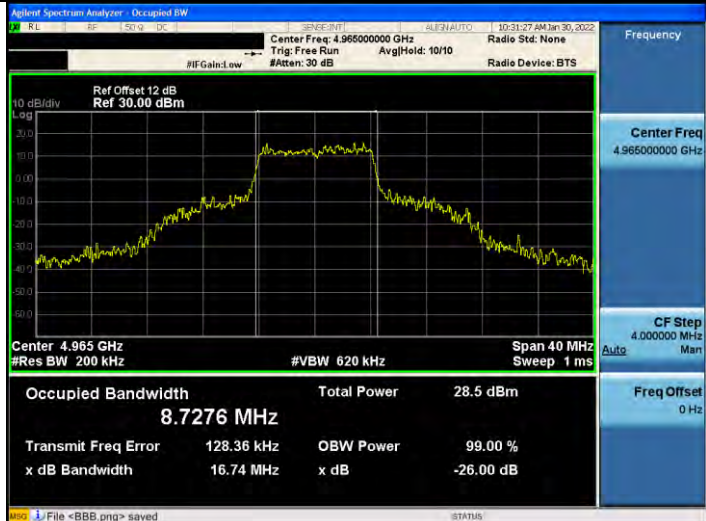
4987.5 MHz

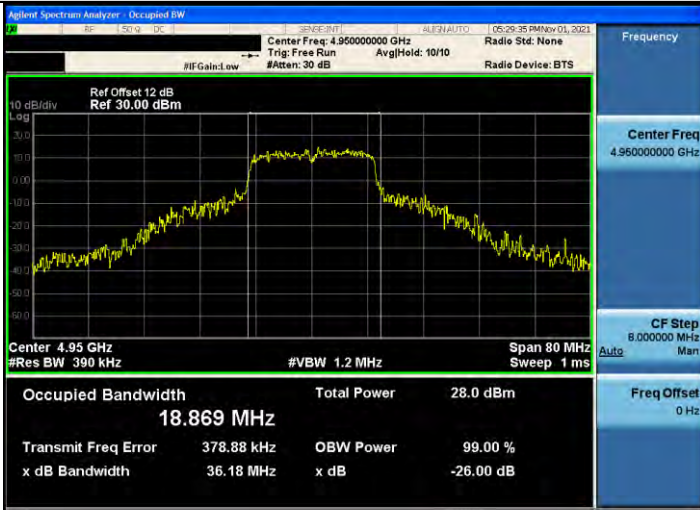
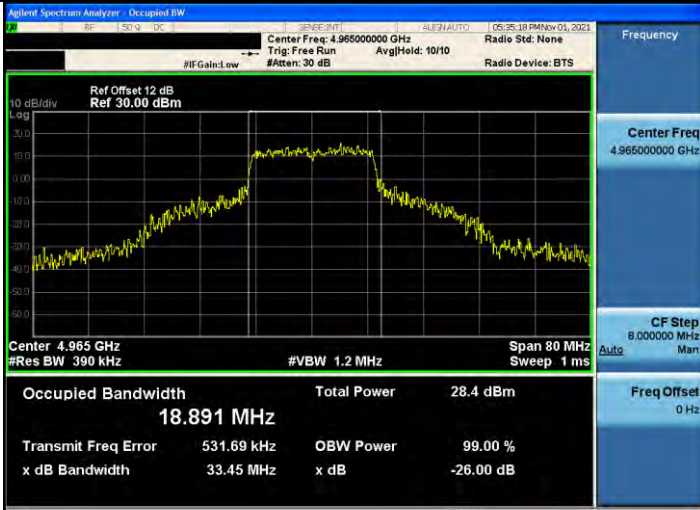
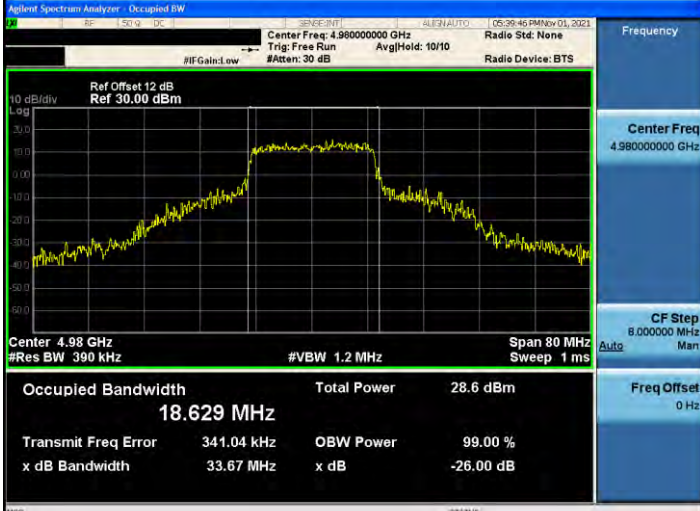


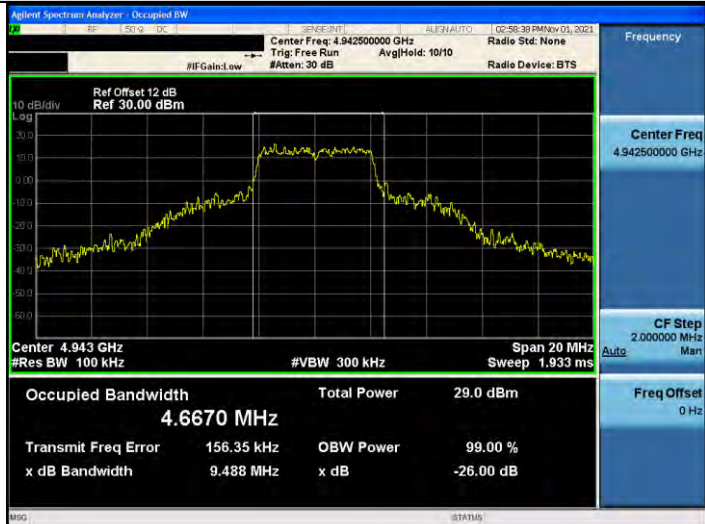
Mode 2: SISO_10 MHz Continuous TX mode (Legacy) _ANT-0		
4945 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.94500000 GHz Span: 40 MHz Res BW: 200 kHz #VBW: 620 kHz Sweep: 1 ms Occupied Bandwidth: 9.3114 MHz Total Power: 29.4 dBm Transmit Freq Error: 205.35 kHz OBW Power: 99.00 % x dB Bandwidth: 18.81 MHz x dB: -26.00 dB	Frequency Center Freq 4.94500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96500000 GHz Span: 40 MHz Res BW: 200 kHz #VBW: 620 kHz Sweep: 1 ms Occupied Bandwidth: 9.3869 MHz Total Power: 29.5 dBm Transmit Freq Error: 120.90 kHz OBW Power: 99.00 % x dB Bandwidth: 19.11 MHz x dB: -26.00 dB	Frequency Center Freq 4.96500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98500000 GHz Span: 40 MHz Res BW: 200 kHz #VBW: 620 kHz Sweep: 1 ms Occupied Bandwidth: 8.9925 MHz Total Power: 29.6 dBm Transmit Freq Error: 154.47 kHz OBW Power: 99.00 % x dB Bandwidth: 18.59 MHz x dB: -26.00 dB	Frequency Center Freq 4.98500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

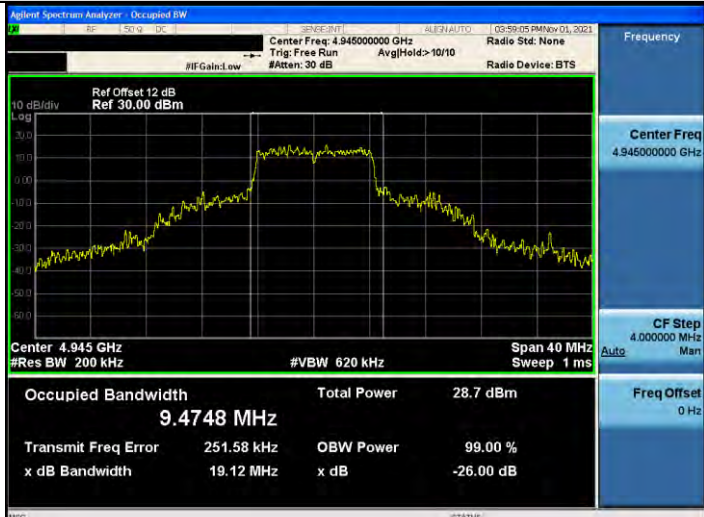
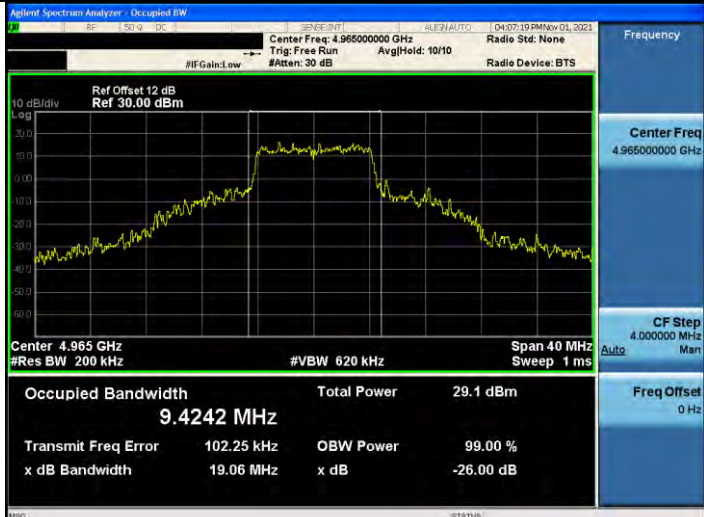
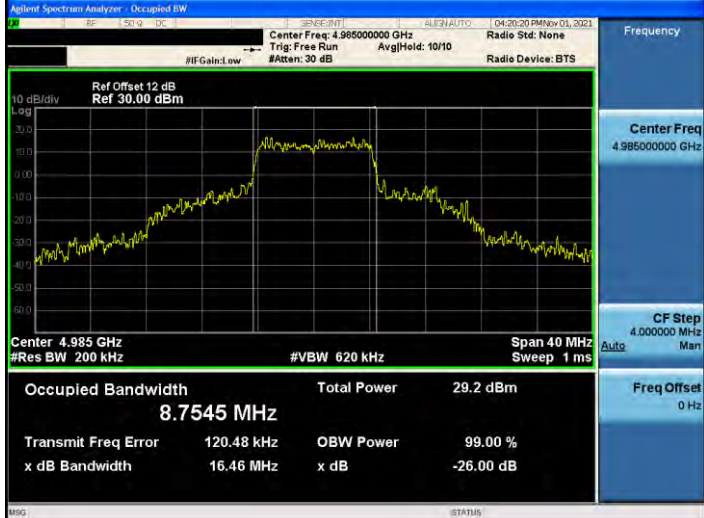
Mode 3: SISO_20 MHz Continuous TX mode (Legacy) _ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

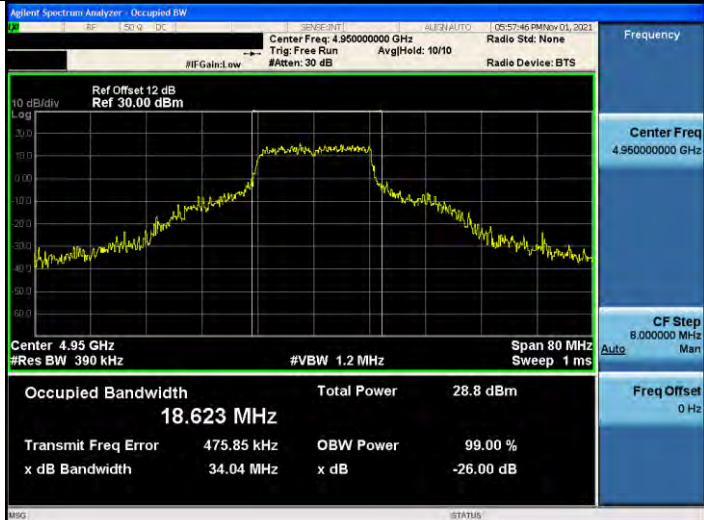
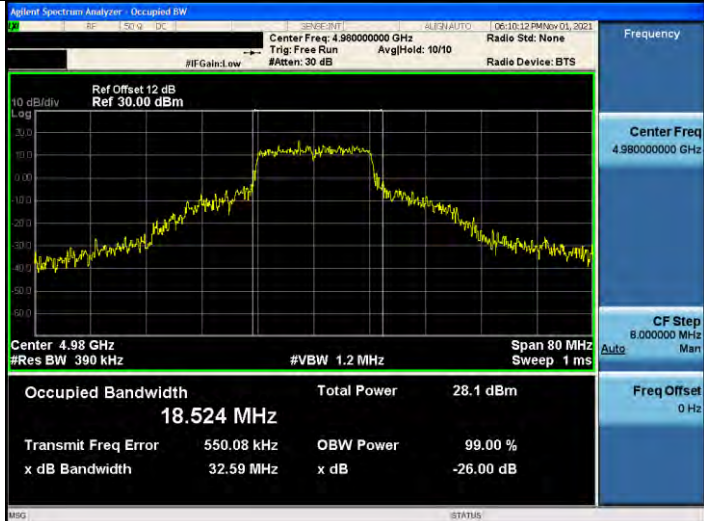
Mode 4: SISO_5 MHz Continuous TX mode_ANT-0	
4942.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.94250000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div Center 4.943 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.3515 MHz Total Power 28.9 dBm Transmit Freq Error 76.224 kHz OBW Power 99.00 % x dB Bandwidth 8.582 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.94250000 GHz CF Step 2.000000 MHz Freq Offset 0 Hz
4967.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96750000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div Center 4.968 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.5272 MHz Total Power 28.9 dBm Transmit Freq Error 99.895 kHz OBW Power 99.00 % x dB Bandwidth 9.589 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.96750000 GHz CF Step 2.000000 MHz Freq Offset 0 Hz
4987.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98750000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div Center 4.988 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.3075 MHz Total Power 29.3 dBm Transmit Freq Error 32.466 kHz OBW Power 99.00 % x dB Bandwidth 7.589 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.98750000 GHz CF Step 2.000000 MHz Freq Offset 0 Hz

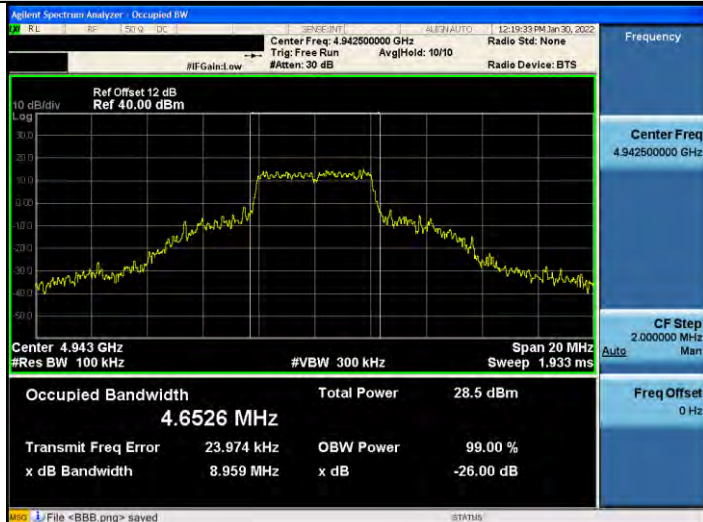
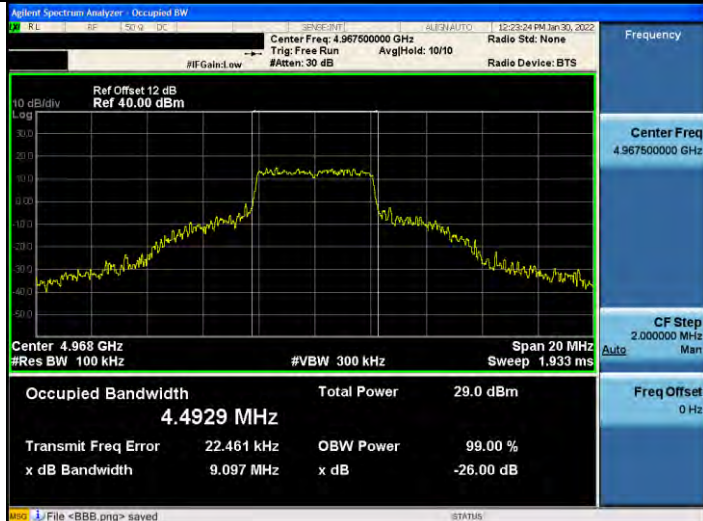
Mode 5: SISO_10 MHz Continuous TX mode_ANT-0	
4945 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.94500000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div Center 4.945 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 9.4277 MHz Total Power 28.7 dBm Transmit Freq Error 131.61 kHz OBW Power 99.00 % x dB Bandwidth 17.59 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.94500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96500000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div Center 4.965 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 8.7276 MHz Total Power 28.5 dBm Transmit Freq Error 128.36 kHz OBW Power 99.00 % x dB Bandwidth 16.74 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.96500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98500000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div Center 4.985 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 8.6704 MHz Total Power 28.8 dBm Transmit Freq Error 99.060 kHz OBW Power 99.00 % x dB Bandwidth 16.56 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 4.98500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

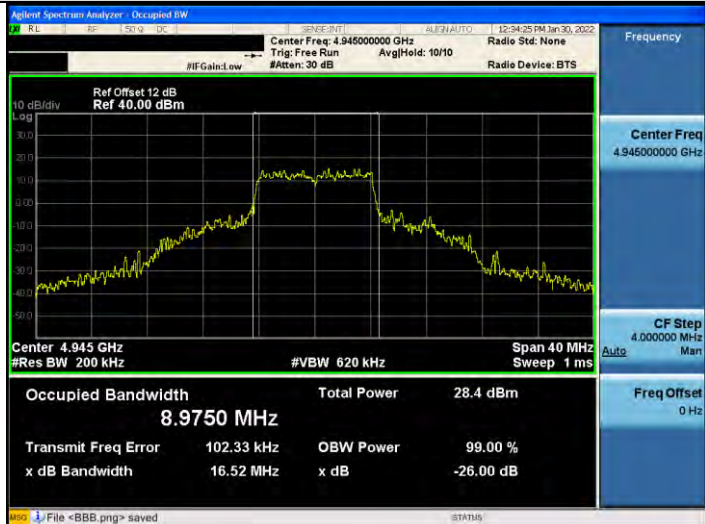
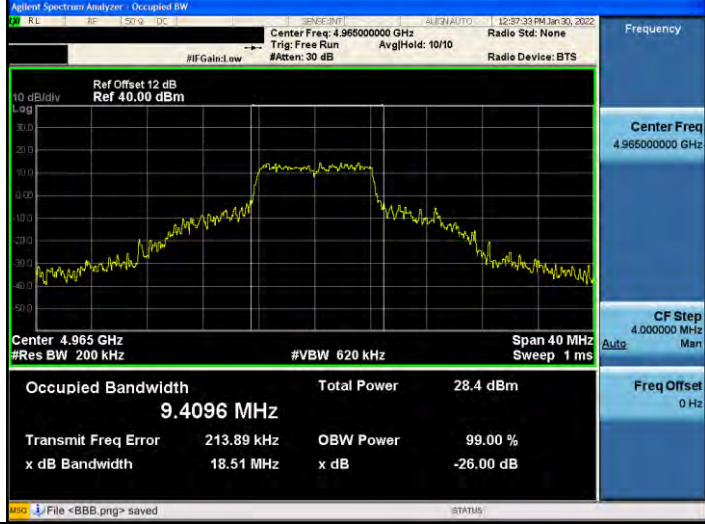
Mode 6: SISO_20 MHz Continuous TX mode_ANT-0	
4950 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.95000000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div L 9g Center 4.95 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.869 MHz Total Power 28.0 dBm Transmit Freq Error 378.88 kHz OBW Power 99.00 % x dB Bandwidth 36.18 MHz x dB -26.00 dB Frequency Center Freq 4.95000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96500000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div L 9g Center 4.965 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.891 MHz Total Power 28.4 dBm Transmit Freq Error 531.69 kHz OBW Power 99.00 % x dB Bandwidth 33.45 MHz x dB -26.00 dB Frequency Center Freq 4.96500000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
4980 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98000000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div L 9g Center 4.98 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.629 MHz Total Power 28.6 dBm Transmit Freq Error 341.04 kHz OBW Power 99.00 % x dB Bandwidth 33.67 MHz x dB -26.00 dB Frequency Center Freq 4.98000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz

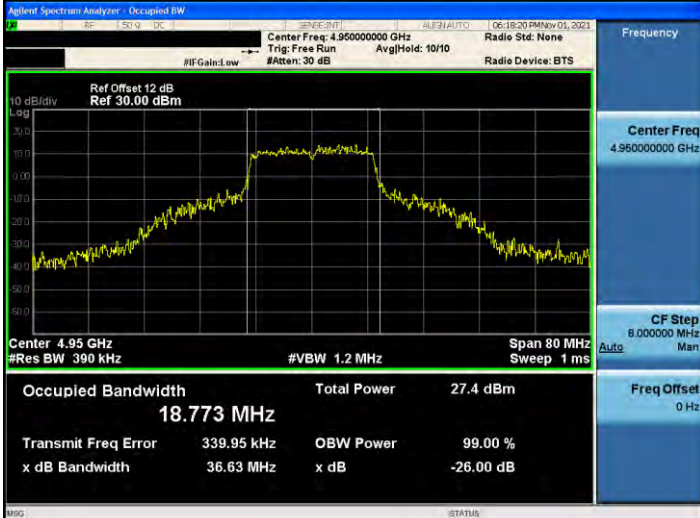
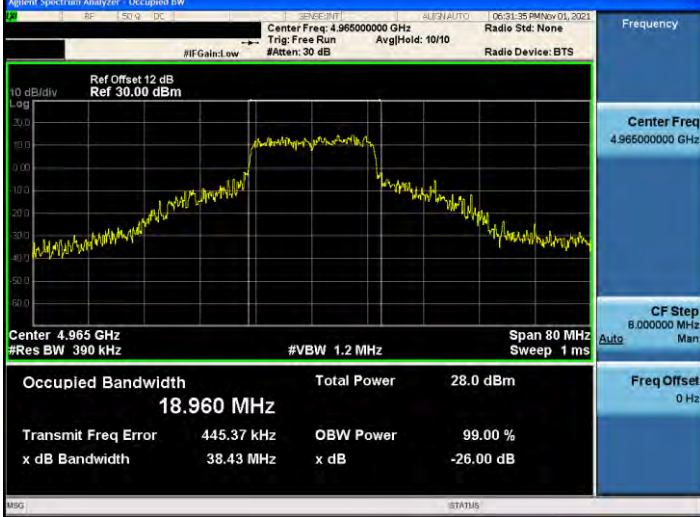
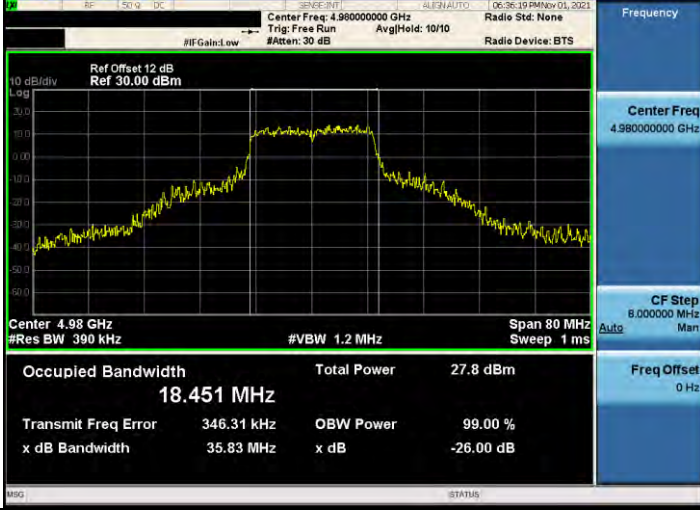
Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-0	
4942.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.942500000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm Center 4.943 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.6670 MHz Total Power 29.0 dBm Transmit Freq Error 156.35 kHz OBW Power 99.00 % x dB Bandwidth 9.488 MHz x dB -26.00 dB Frequency Center Freq 4.942500000 GHz CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz
4967.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.967500000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm Center 4.968 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.8282 MHz Total Power 29.4 dBm Transmit Freq Error 70.597 kHz OBW Power 99.00 % x dB Bandwidth 9.454 MHz x dB -26.00 dB Frequency Center Freq 4.967500000 GHz CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz
4987.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.987500000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm Center 4.988 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.6891 MHz Total Power 29.3 dBm Transmit Freq Error -55.308 kHz OBW Power 99.00 % x dB Bandwidth 8.978 MHz x dB -26.00 dB Frequency Center Freq 4.987500000 GHz CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz

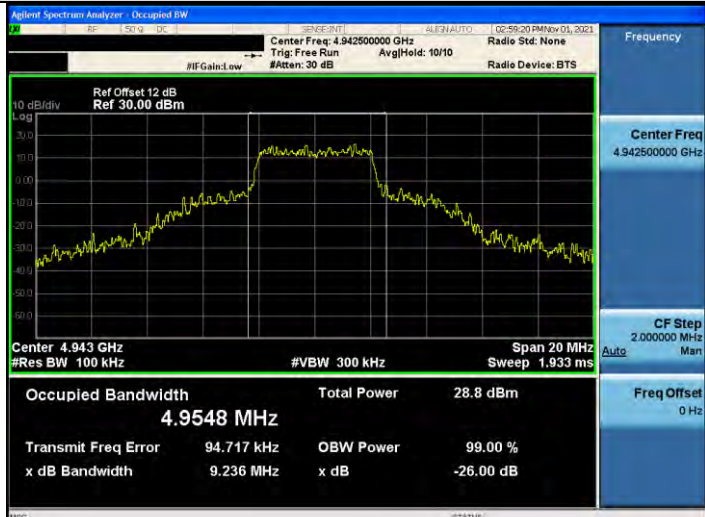
Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-0		
4945 MHz		Frequency Center Freq 4.94500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.96500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz		Frequency Center Freq 4.98500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

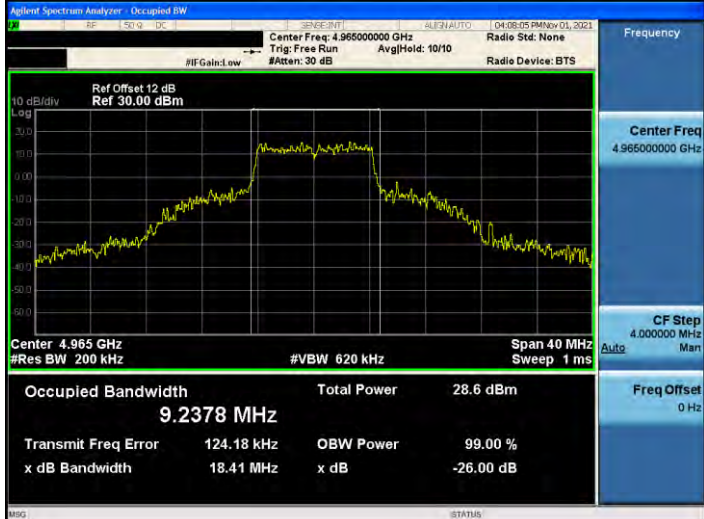
Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-0		
4950 MHz		
4965 MHz		
4980 MHz		

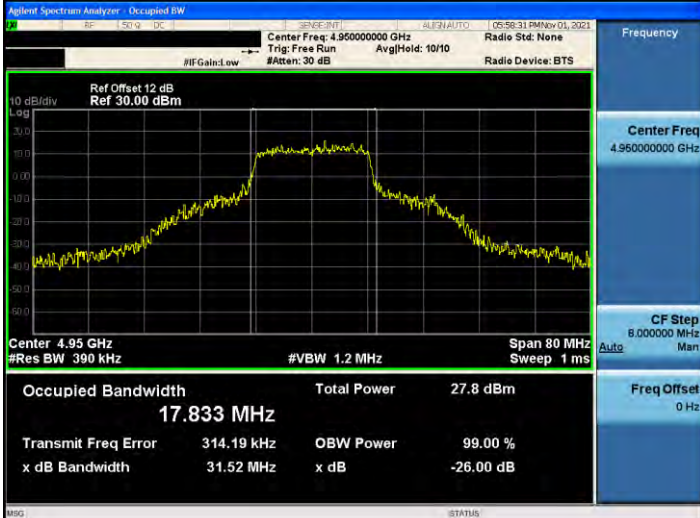
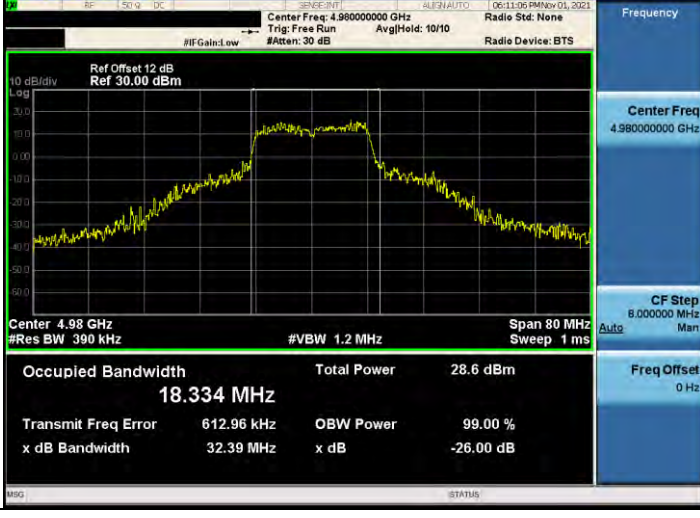
Mode 10: MIMO_5 MHz Continuous TX mode_ANT-0	
4942.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.94250000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 40.00 dBm Center 4.943 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.6526 MHz Total Power 28.5 dBm Transmit Freq Error 23.974 kHz OBW Power 99.00 % x dB Bandwidth 8.959 MHz x dB -26.00 dB File <BBB.png> saved
4967.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96750000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 40.00 dBm Center 4.968 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.4929 MHz Total Power 29.0 dBm Transmit Freq Error 22.461 kHz OBW Power 99.00 % x dB Bandwidth 9.097 MHz x dB -26.00 dB File <BBB.png> saved
4987.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98750000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 40.00 dBm Center 4.988 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.4168 MHz Total Power 29.3 dBm Transmit Freq Error 27.524 kHz OBW Power 99.00 % x dB Bandwidth 8.266 MHz x dB -26.00 dB File <BBB.png> saved

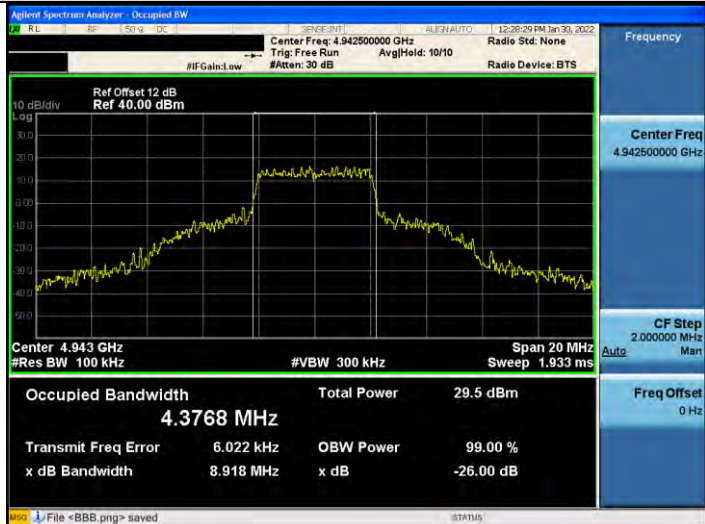
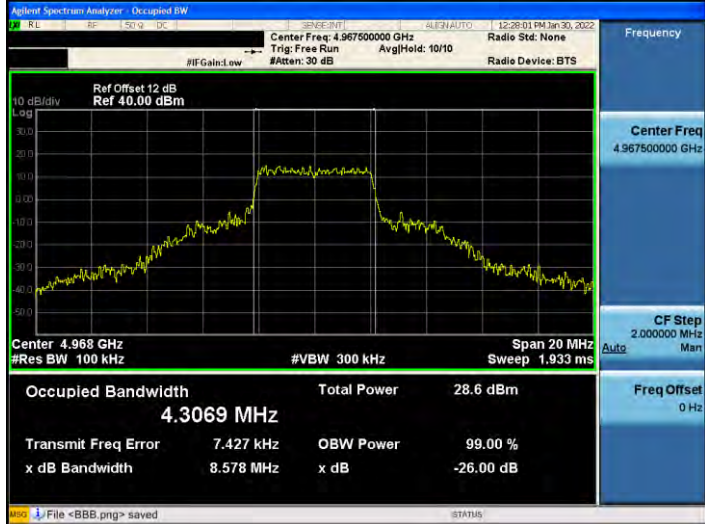
Mode 11: MIMO_10 MHz Continuous TX mode_ANT-0	
4945 MHz	 Center Freq: 4.94500000 GHz CF Step: 4.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 8.9750 MHz Total Power: 28.4 dBm Transmit Freq Error: 102.33 kHz OBW Power: 99.00 % x dB Bandwidth: 16.52 MHz x dB: -26.00 dB
4965 MHz	 Center Freq: 4.96500000 GHz CF Step: 4.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 9.4096 MHz Total Power: 28.4 dBm Transmit Freq Error: 213.89 kHz OBW Power: 99.00 % x dB Bandwidth: 18.51 MHz x dB: -26.00 dB
4985 MHz	 Center Freq: 4.98500000 GHz CF Step: 4.000000 MHz Freq Offset: 0 Hz Occupied Bandwidth: 8.7640 MHz Total Power: 28.4 dBm Transmit Freq Error: 2.782 kHz OBW Power: 99.00 % x dB Bandwidth: 17.61 MHz x dB: -26.00 dB

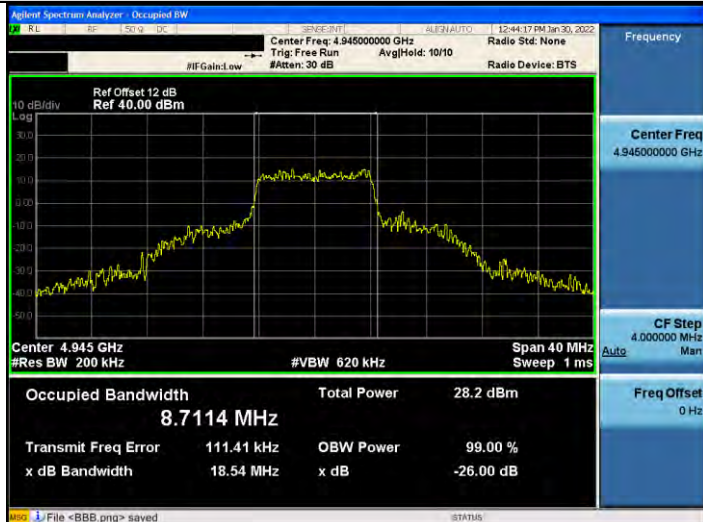
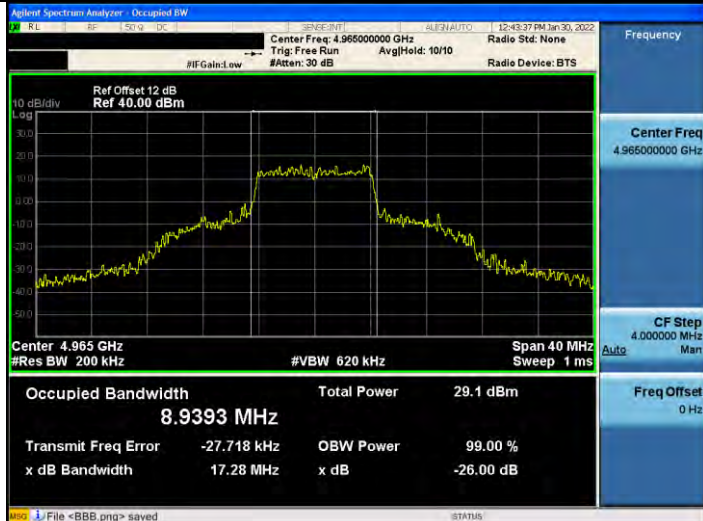
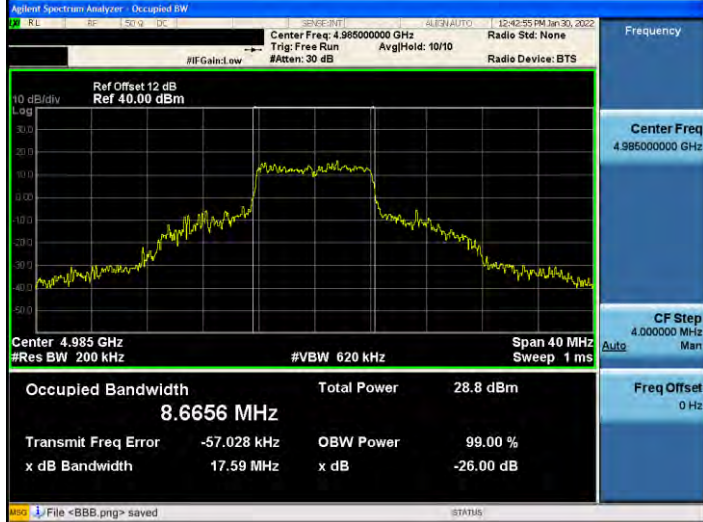
Mode 12: MIMO_20 MHz Continuous TX mode_ANT-0		
4950 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.95000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div L 9g Center 4.95 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.773 MHz Total Power 27.4 dBm Transmit Freq Error 339.95 kHz OBW Power 99.00 % x dB Bandwidth 36.63 MHz x dB -26.00 dB Frequency Center Freq 4.95000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96500000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div L 9g Center 4.965 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.960 MHz Total Power 28.0 dBm Transmit Freq Error 445.37 kHz OBW Power 99.00 % x dB Bandwidth 38.43 MHz x dB -26.00 dB Frequency Center Freq 4.96500000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz
4980 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div L 9g Center 4.98 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.451 MHz Total Power 27.8 dBm Transmit Freq Error 346.31 kHz OBW Power 99.00 % x dB Bandwidth 35.83 MHz x dB -26.00 dB Frequency Center Freq 4.98000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz

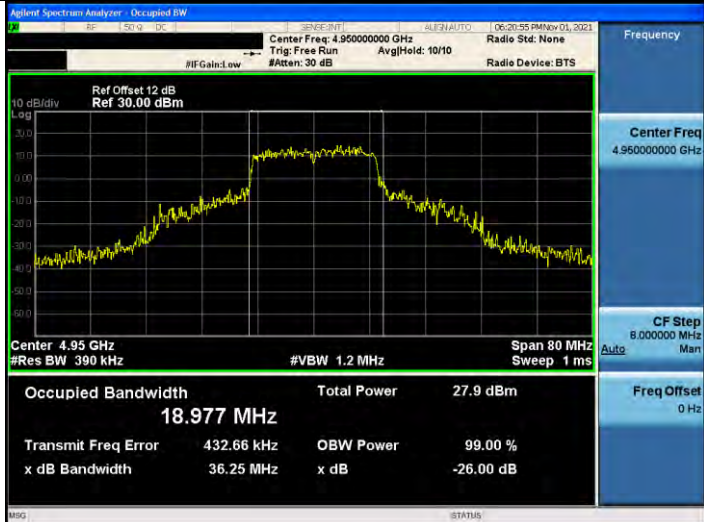
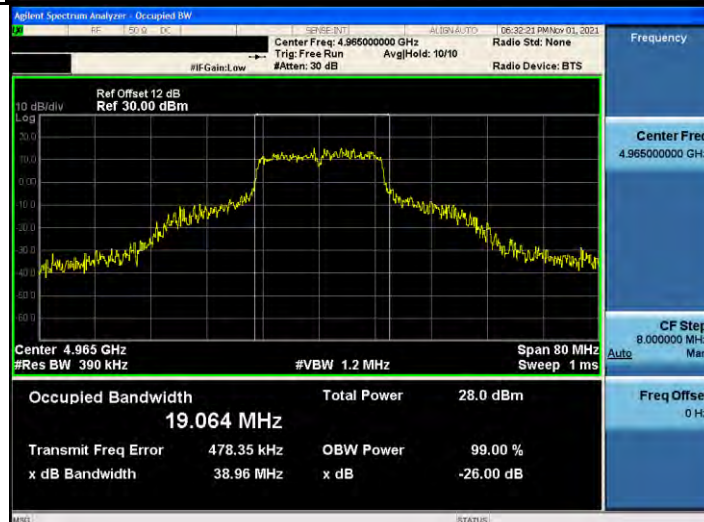
Mode 7: MIMO_5 MHz Continuous TX mode (Legacy) _ANT-1	
4942.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.94250000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm Center 4.943 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.9548 MHz Total Power 28.8 dBm Transmit Freq Error 94.717 kHz OBW Power 99.00 % x dB Bandwidth 9.236 MHz x dB -26.00 dB Frequency Center Freq 4.94250000 GHz CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz
4967.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96750000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm Center 4.968 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.4299 MHz Total Power 28.9 dBm Transmit Freq Error 55.884 kHz OBW Power 99.00 % x dB Bandwidth 8.531 MHz x dB -26.00 dB Frequency Center Freq 4.96750000 GHz CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz
4987.5 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98750000 GHz Trig: Free Run Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm Center 4.988 GHz #Res BW 100 kHz #VBW 300 kHz Span 20 MHz Sweep 1.933 ms Occupied Bandwidth 4.4677 MHz Total Power 29.8 dBm Transmit Freq Error 51.013 kHz OBW Power 99.00 % x dB Bandwidth 8.587 MHz x dB -26.00 dB Frequency Center Freq 4.98750000 GHz CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz

Mode 8: MIMO_10 MHz Continuous TX mode (Legacy) _ANT-1		
4945 MHz		Frequency Center Freq 4.94500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.96500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz		Frequency Center Freq 4.98500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

Mode 9: MIMO_20 MHz Continuous TX mode (Legacy) _ANT-1		
4950 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.95000000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div Center 4.95 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.833 MHz Total Power 27.8 dBm Transmit Freq Error 314.19 kHz OBW Power 99.00 % x dB Bandwidth 31.52 MHz x dB -26.00 dB Frequency Center Freq 4.95000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz	
4965 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.96500000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div Center 4.965 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.760 MHz Total Power 28.2 dBm Transmit Freq Error 547.12 kHz OBW Power 99.00 % x dB Bandwidth 33.21 MHz x dB -26.00 dB Frequency Center Freq 4.96500000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz	
4980 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 4.98000000 GHz Trig: Free Run Ave/Hold: 10/10 Radio Std: None Radio Device: BTS Ref Offset 12 dB Ref 30.00 dBm 10 dB/div Center 4.98 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.334 MHz Total Power 28.6 dBm Transmit Freq Error 612.96 kHz OBW Power 99.00 % x dB Bandwidth 32.39 MHz x dB -26.00 dB Frequency Center Freq 4.98000000 GHz CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz	

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

Mode 11: MIMO_10 MHz Continuous TX mode_ANT-1		
4945 MHz		Frequency Center Freq 4.94500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4965 MHz		Frequency Center Freq 4.96500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
4985 MHz		Frequency Center Freq 4.98500000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

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