

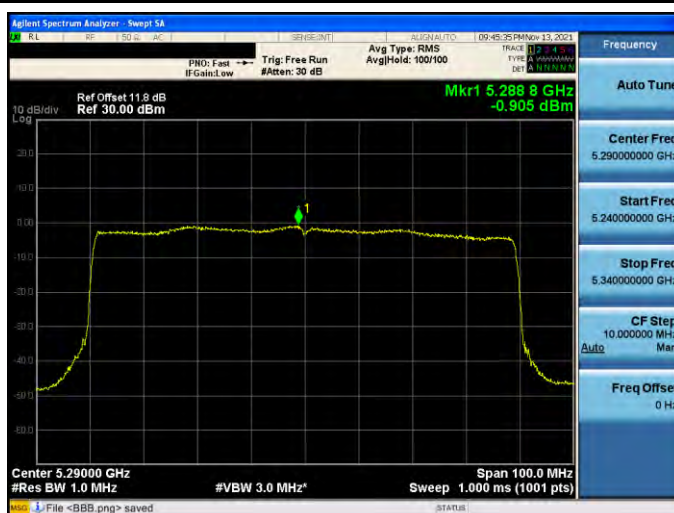
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-1	
5755 MHz	 Agilent Spectrum Analyzer - Swept SA Ref Offset 11.8 dB Ref 30.00 dBm Mkr1 5.759 98 GHz 0.004 dBm Center 5.75500 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 7.467 ms (1001 pts) Span 60.00 MHz Frequency Auto Tune Center Freq 5.75500000 GHz Start Freq 5.72500000 GHz Stop Freq 5.78500000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz
5795 MHz	 Agilent Spectrum Analyzer - Swept SA Ref Offset 11.8 dB Ref 30.00 dBm Mkr1 5.783 96 GHz -0.460 dBm Center 5.79500 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 7.467 ms (1001 pts) Span 60.00 MHz Frequency Auto Tune Center Freq 5.79500000 GHz Start Freq 5.76500000 GHz Stop Freq 5.82500000 GHz CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz

Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ANT-1

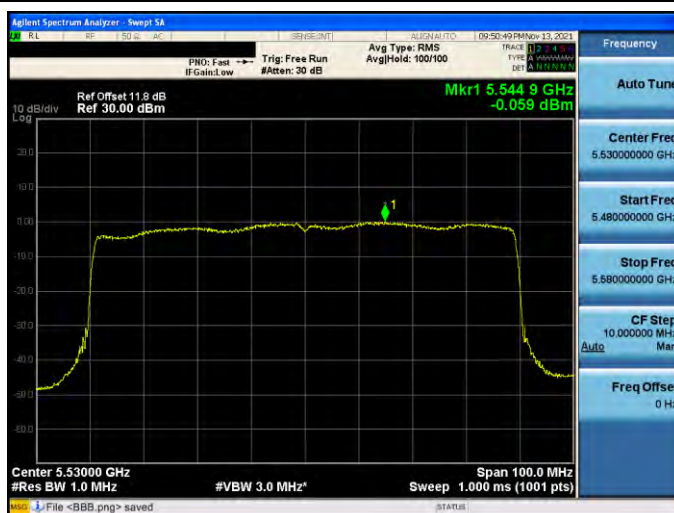
5210 MHz



5290 MHz



5530 MHz

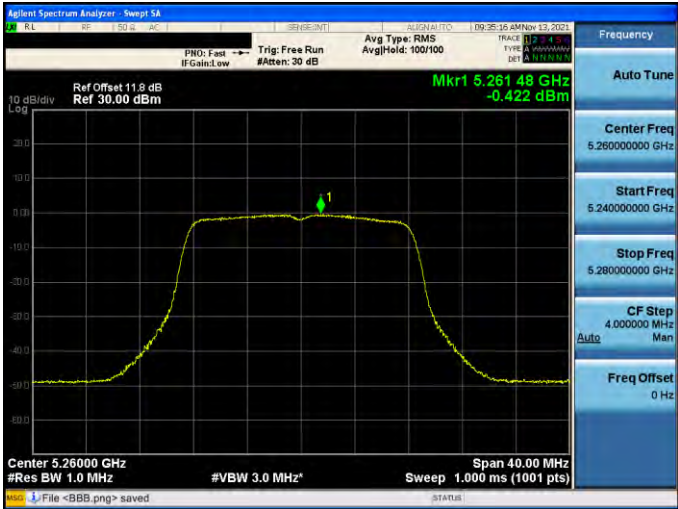
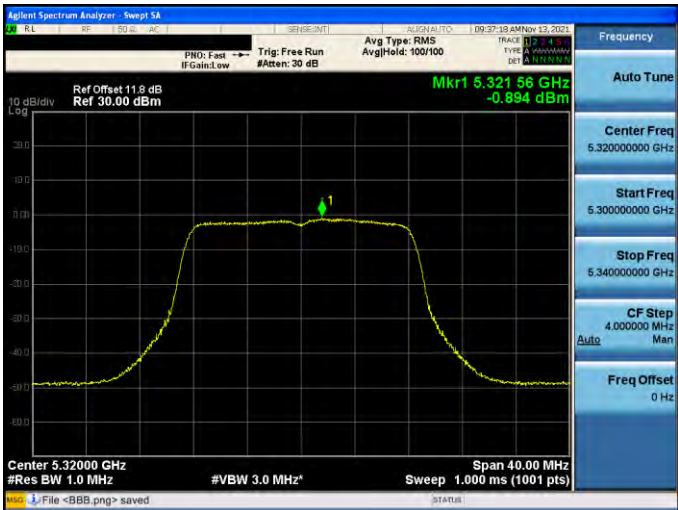


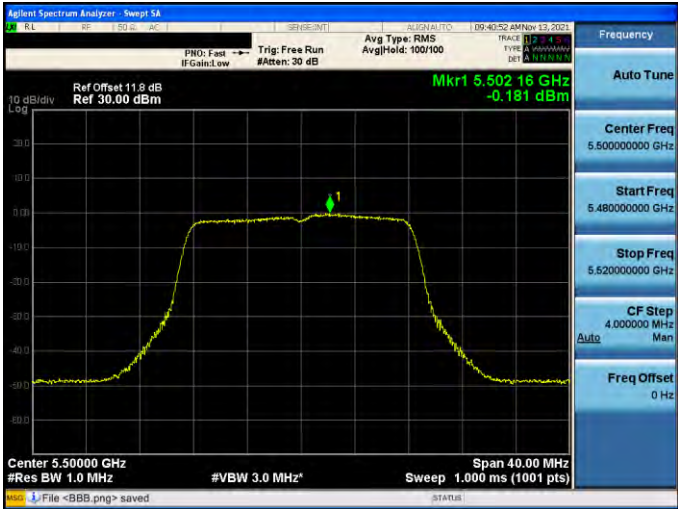
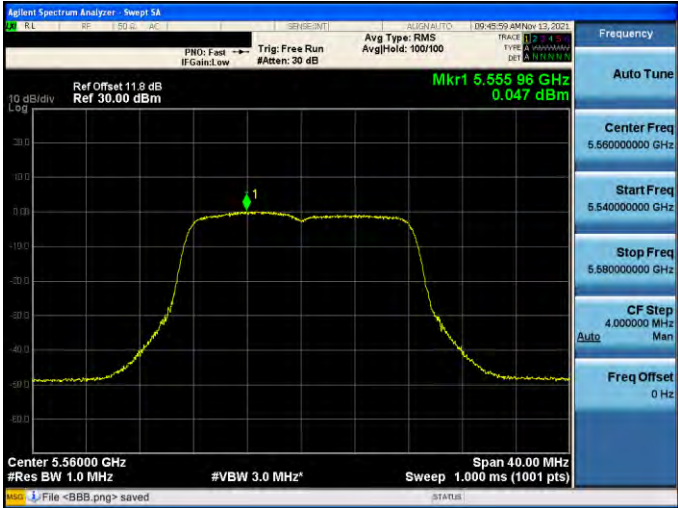
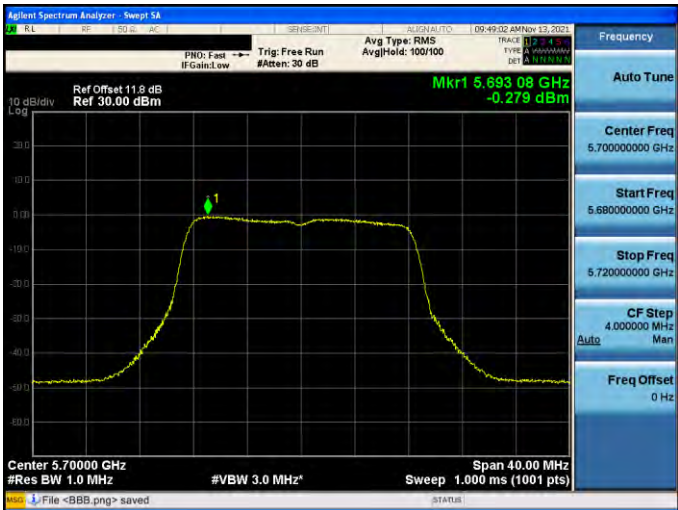
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ANT-1

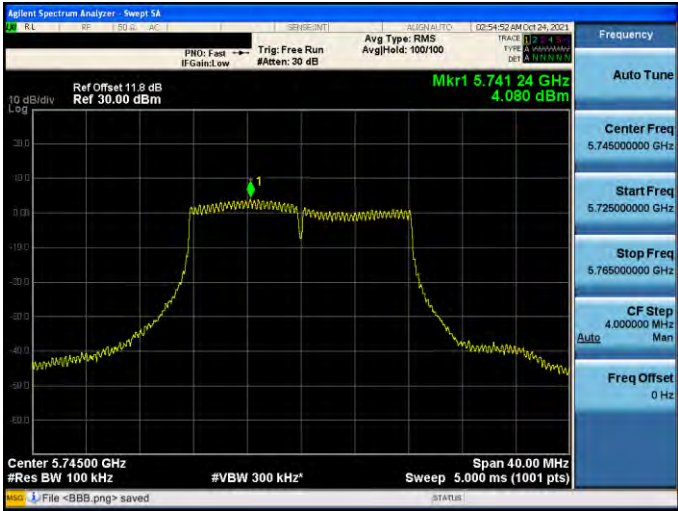
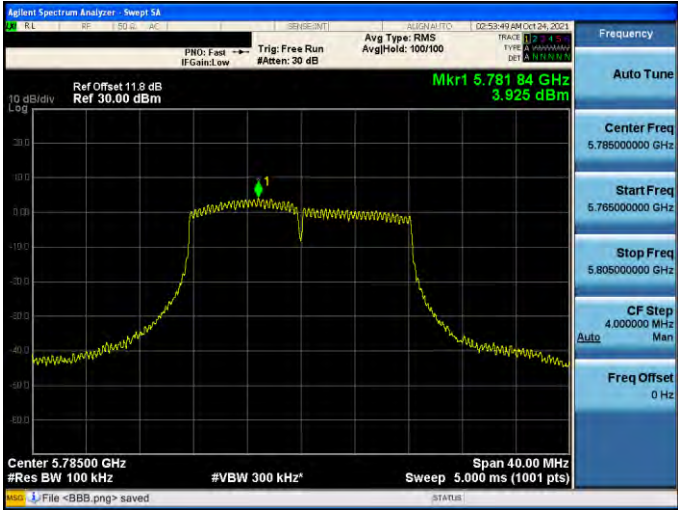
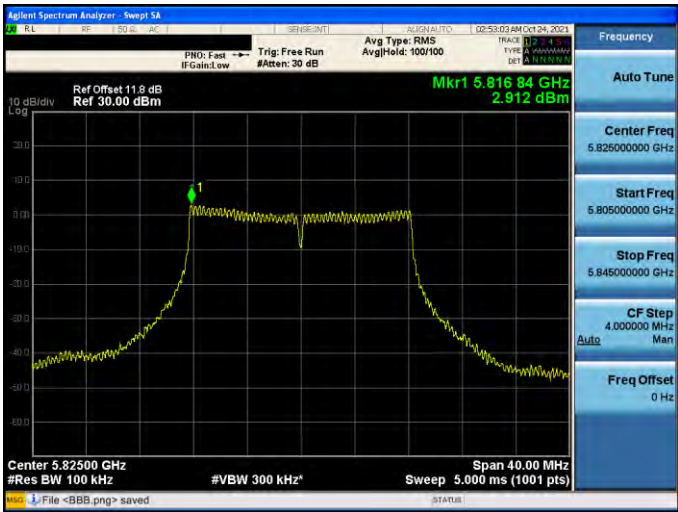
5775 MHz



Mode 2: IEEE 802.11a Continuous TX mode_ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	

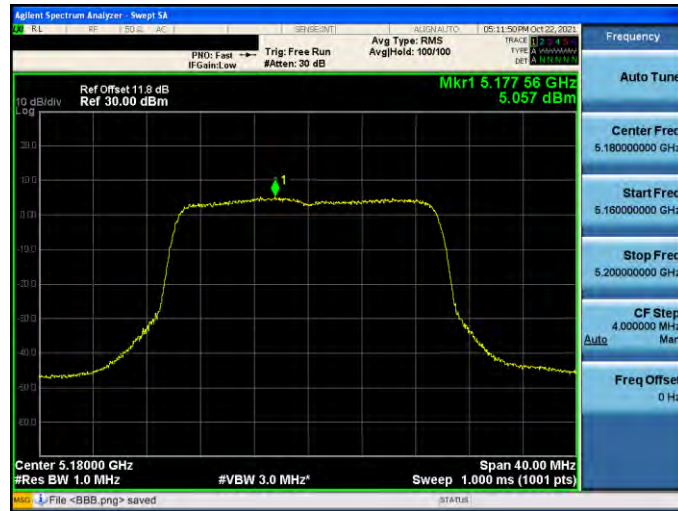
Mode 2: IEEE 802.11a Continuous TX mode_ANT-2	
5260 MHz	
5280 MHz	
5320 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ANT-2	
5500 MHz	
5560 MHz	
5700 MHz	

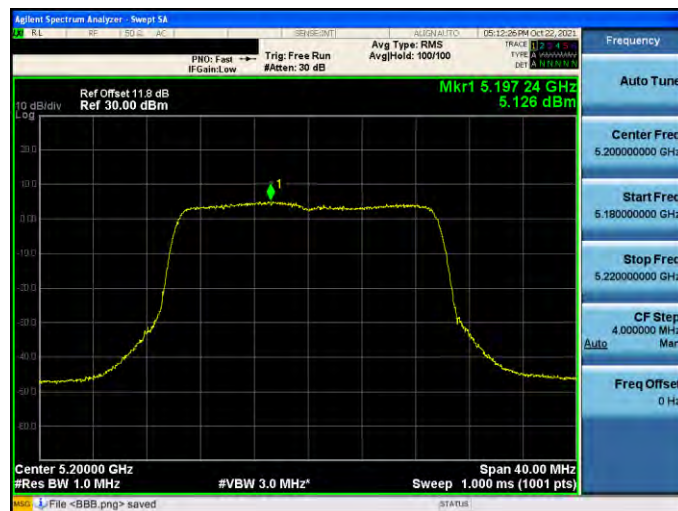
Mode 2: IEEE 802.11a Continuous TX mode_ANT-2	
5475 MHz	
5785 MHz	
5825 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-2

5180 MHz

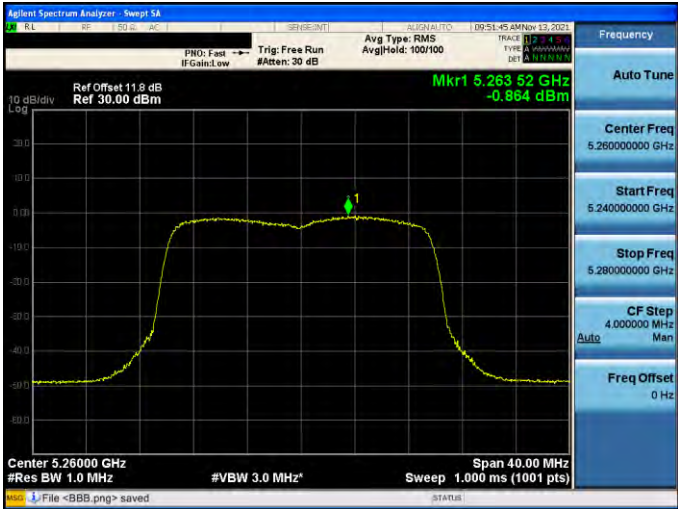


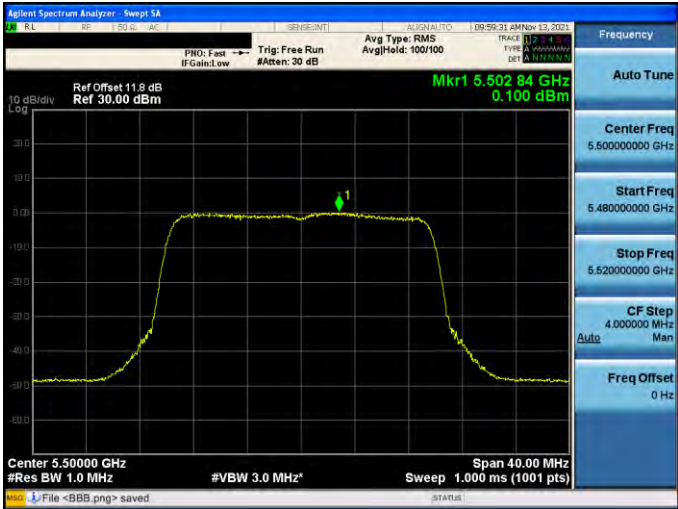
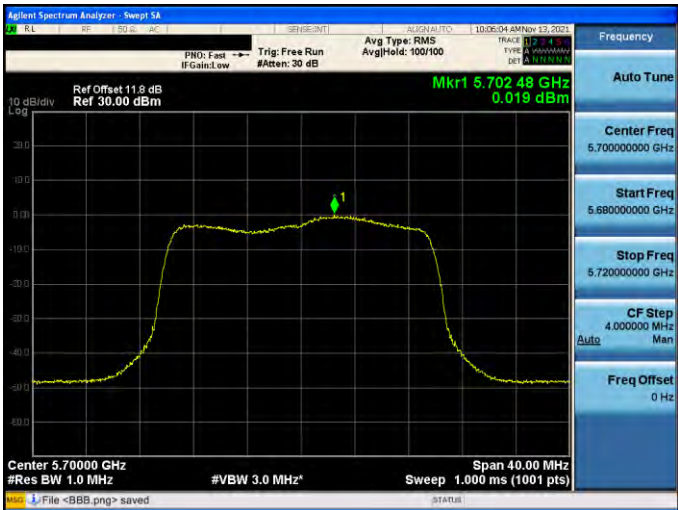
5200 MHz



5240 MHz



Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-2	
5260 MHz	
5280 MHz	
5320 MHz	

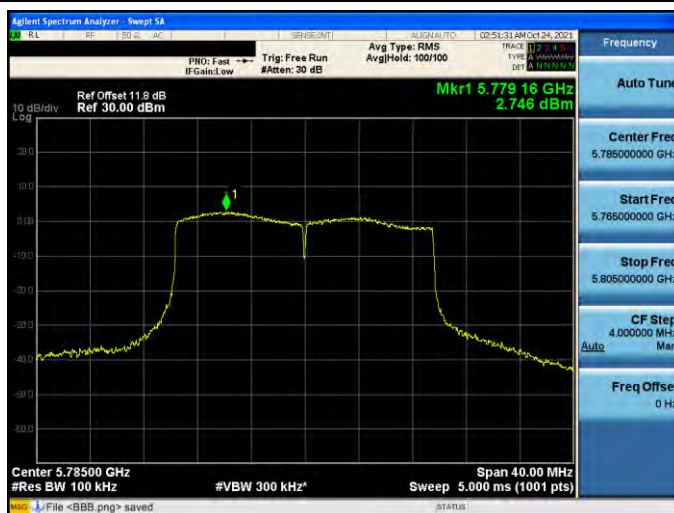
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-2	
5500 MHz	
5560 MHz	
5700 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-2

5475 MHz

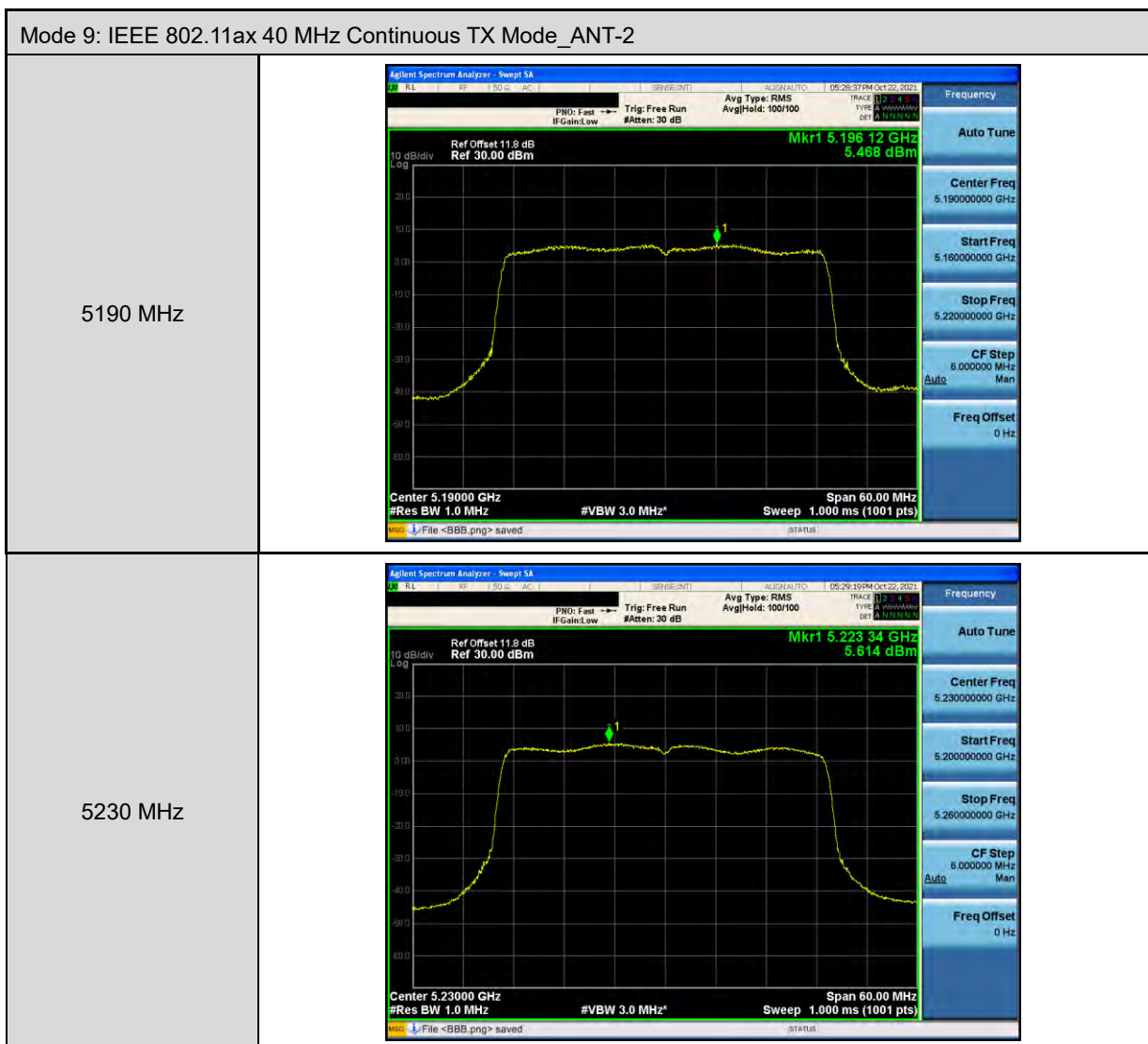


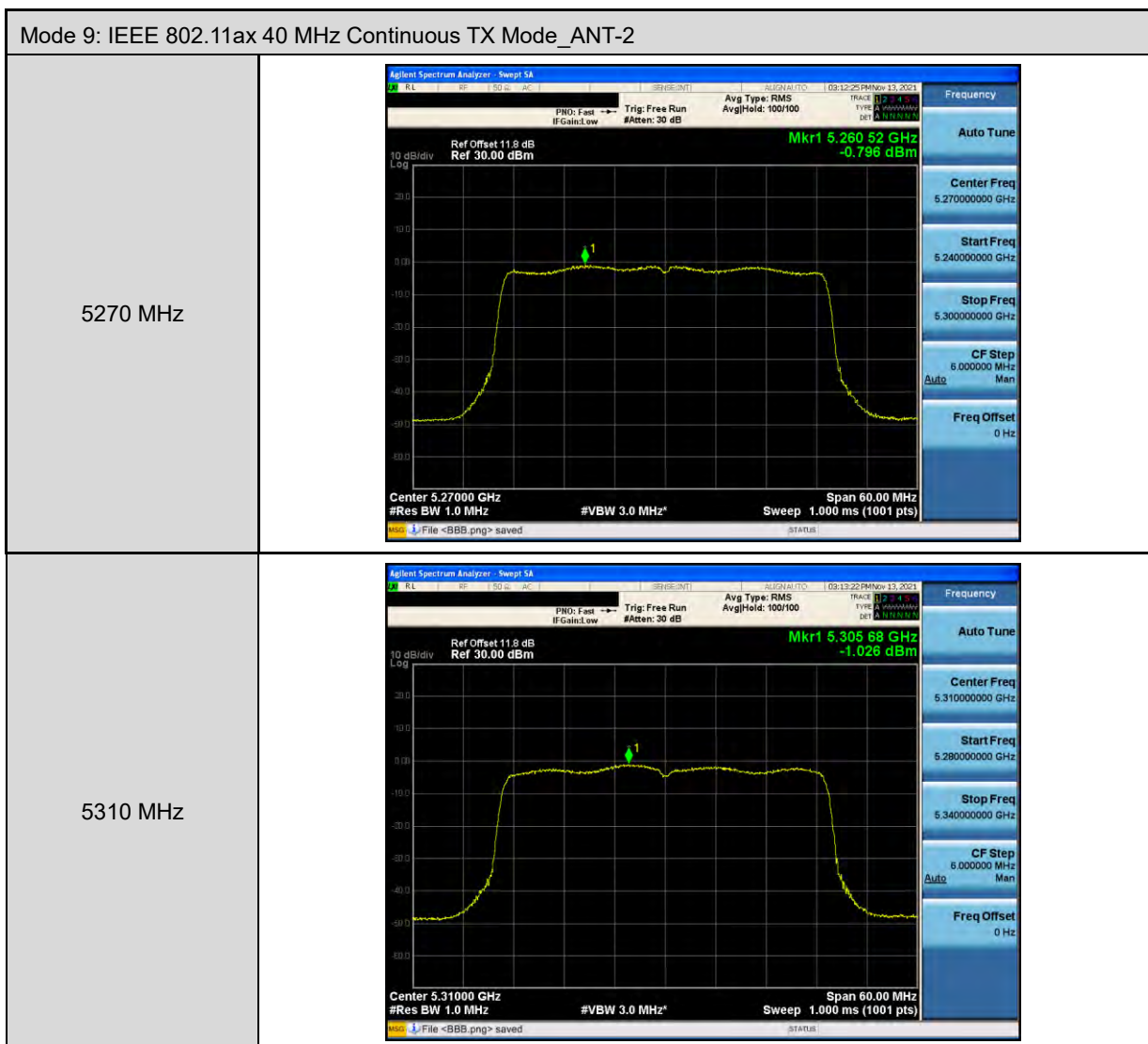
5785 MHz

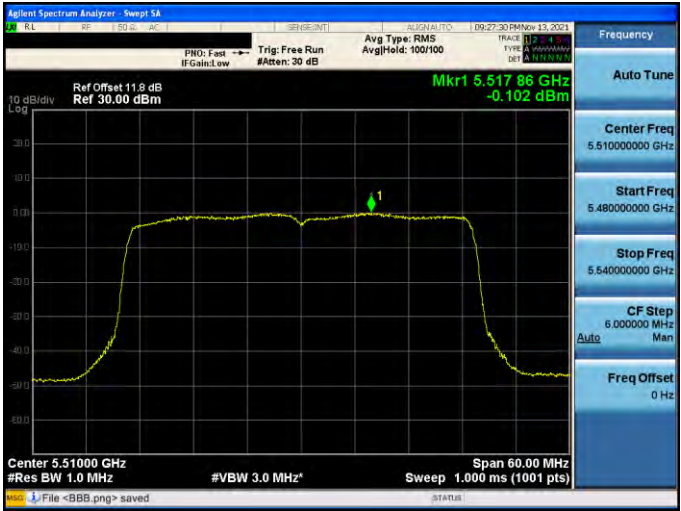
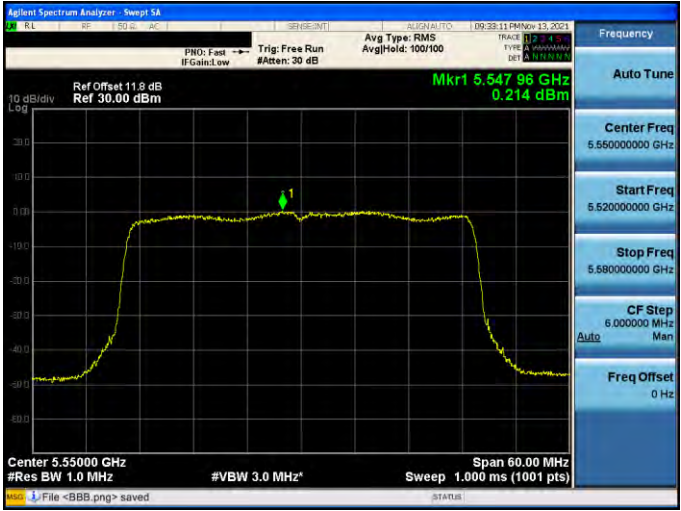
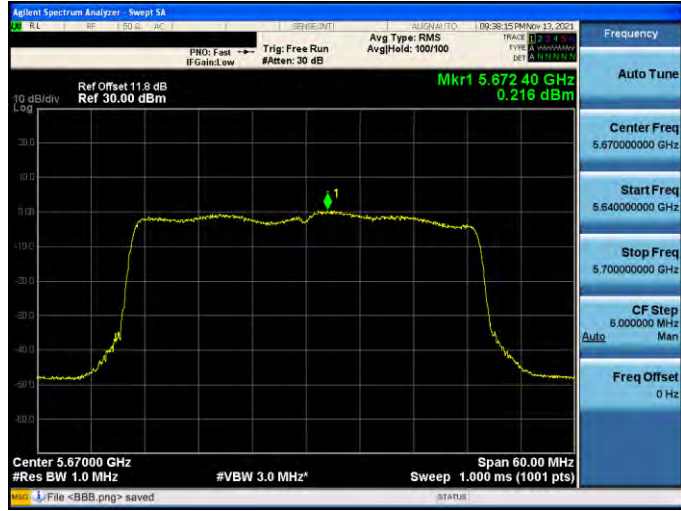


5825 MHz







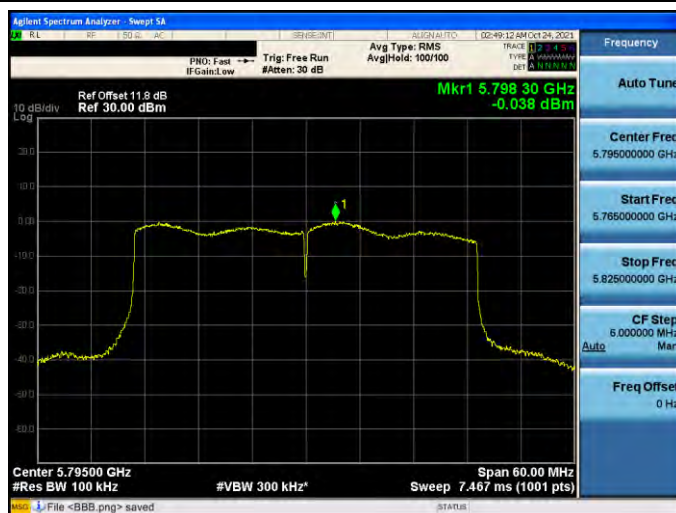
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-2	
5510 MHz	
5550 MHz	
5670 MHz	

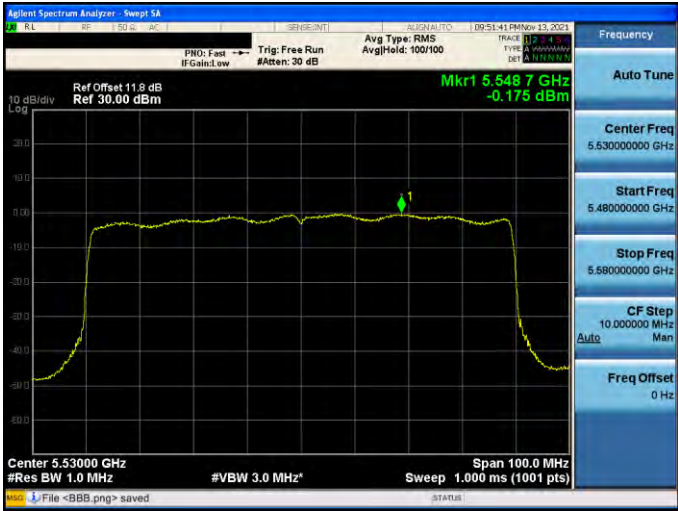
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-2

5755 MHz



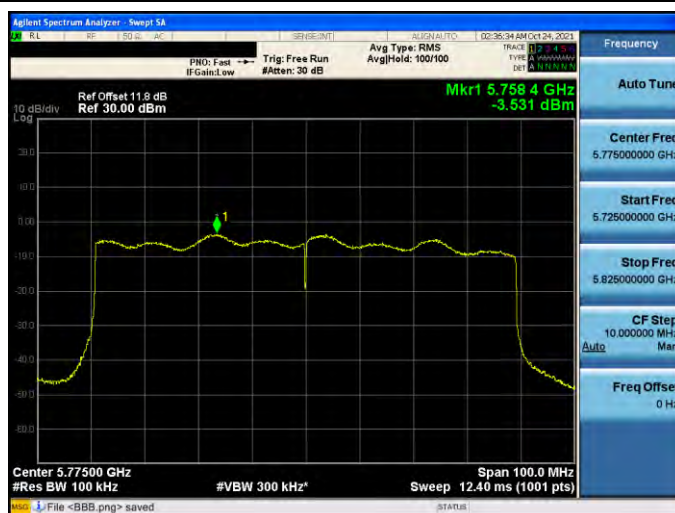
5795 MHz



Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ANT-2	
5210 MHz	
5290 MHz	
5530 MHz	

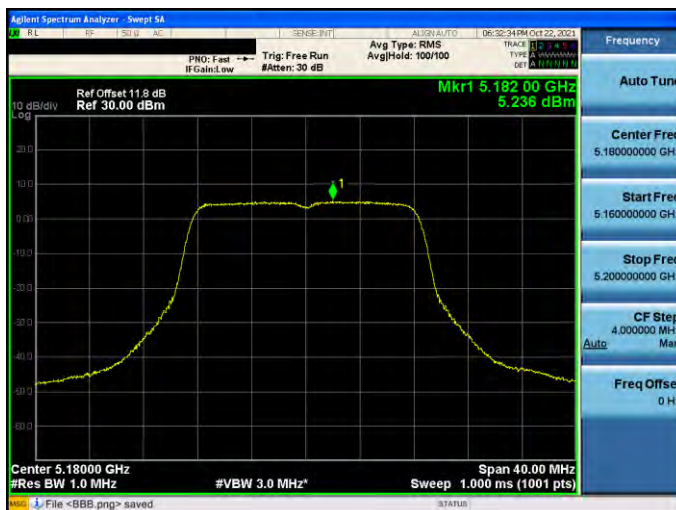
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ANT-2

5775 MHz



Mode 2: IEEE 802.11a Continuous TX mode_ANT-3

5180 MHz



5200 MHz

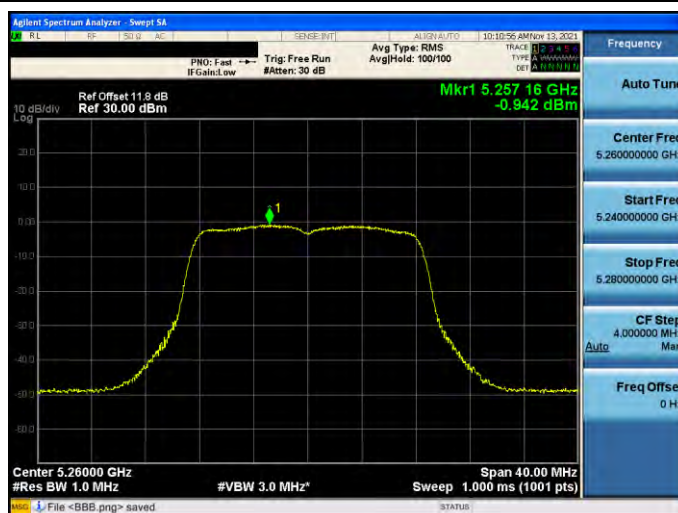


5240 MHz

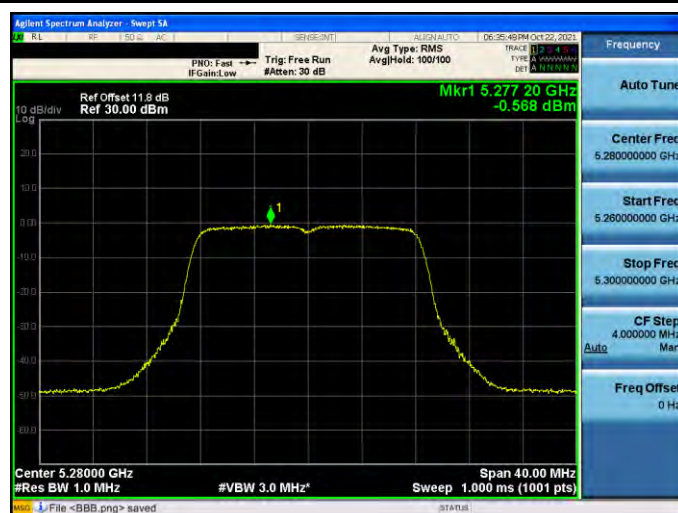


Mode 2: IEEE 802.11a Continuous TX mode_ANT-3

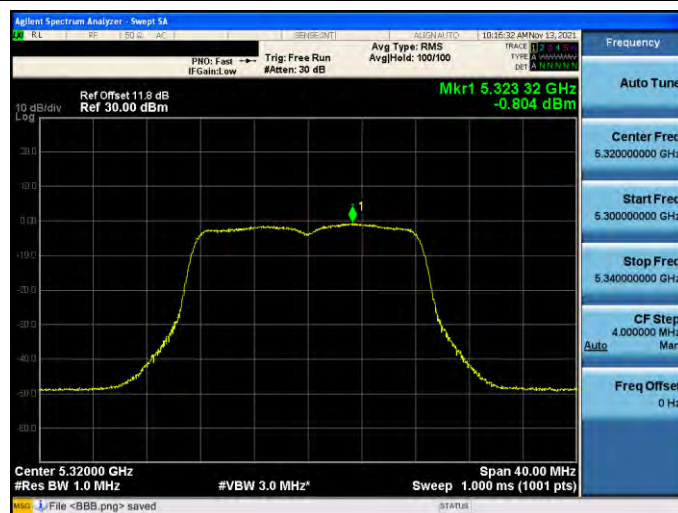
5260 MHz



5280 MHz



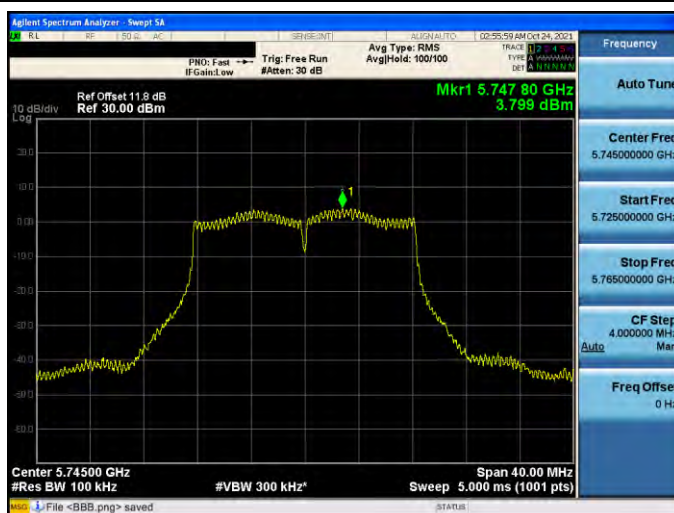
5320 MHz



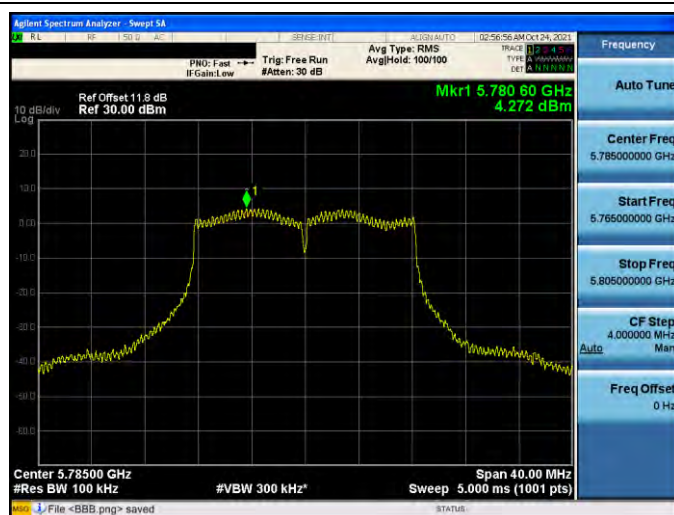
Mode 2: IEEE 802.11a Continuous TX mode_ANT-3	
5500 MHz	Agilent Spectrum Analyzer - Swept SA Ref Offset 11.8 dB Ref 30.00 dBm Mkr1 5.5024 GHz 0.080 dBm Center 5.5000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Span 40.00 MHz File <BBB.png> saved Frequency Auto Tune Center Freq 5.50000000 GHz Start Freq 5.48000000 GHz Stop Freq 5.52000000 GHz CF Step 4.000000 MHz Auto Freq Offset 0 Hz
5560 MHz	Agilent Spectrum Analyzer - Swept SA Ref Offset 11.8 dB Ref 30.00 dBm Mkr1 5.5584 GHz -0.090 dBm Center 5.5600 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Span 40.00 MHz File <BBB.png> saved Frequency Auto Tune Center Freq 5.56000000 GHz Start Freq 5.54000000 GHz Stop Freq 5.58000000 GHz CF Step 4.000000 MHz Auto Freq Offset 0 Hz
5700 MHz	Agilent Spectrum Analyzer - Swept SA Ref Offset 11.8 dB Ref 30.00 dBm Mkr1 5.6990 GHz -0.327 dBm Center 5.7000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Span 40.00 MHz File <BBB.png> saved Frequency Auto Tune Center Freq 5.70000000 GHz Start Freq 5.68000000 GHz Stop Freq 5.72000000 GHz CF Step 4.000000 MHz Auto Freq Offset 0 Hz

Mode 2: IEEE 802.11a Continuous TX mode_ANT-3

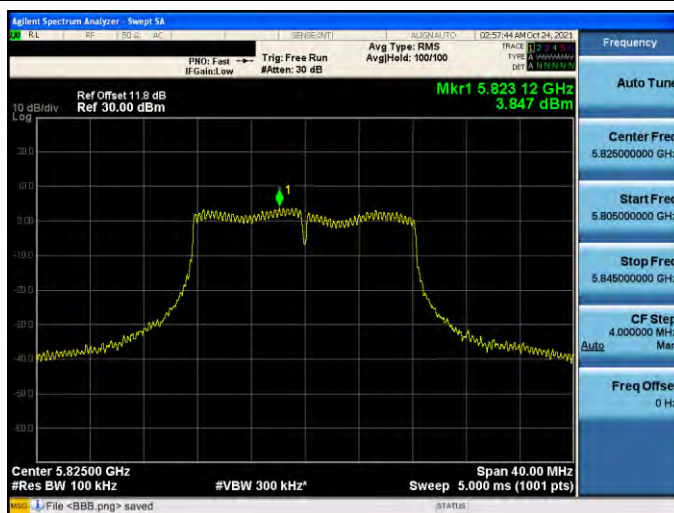
5745 MHz



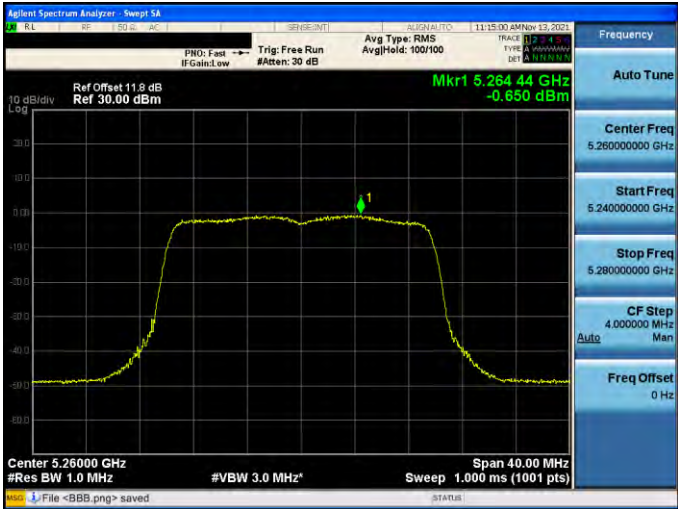
5785 MHz

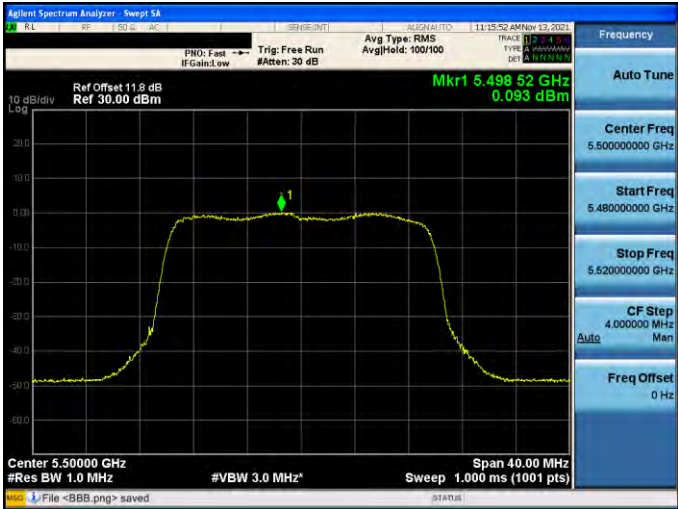
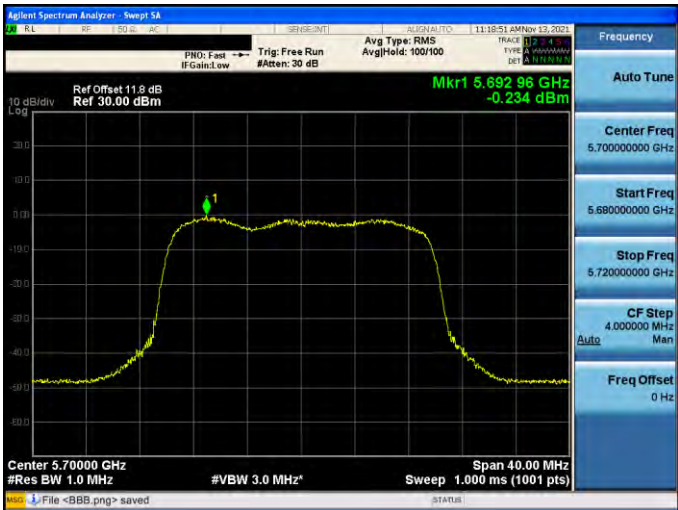


5825 MHz



Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-3	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-3	
5260 MHz	
5280 MHz	
5320 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-3	
5500 MHz	
5560 MHz	
5700 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-3

5745 MHz

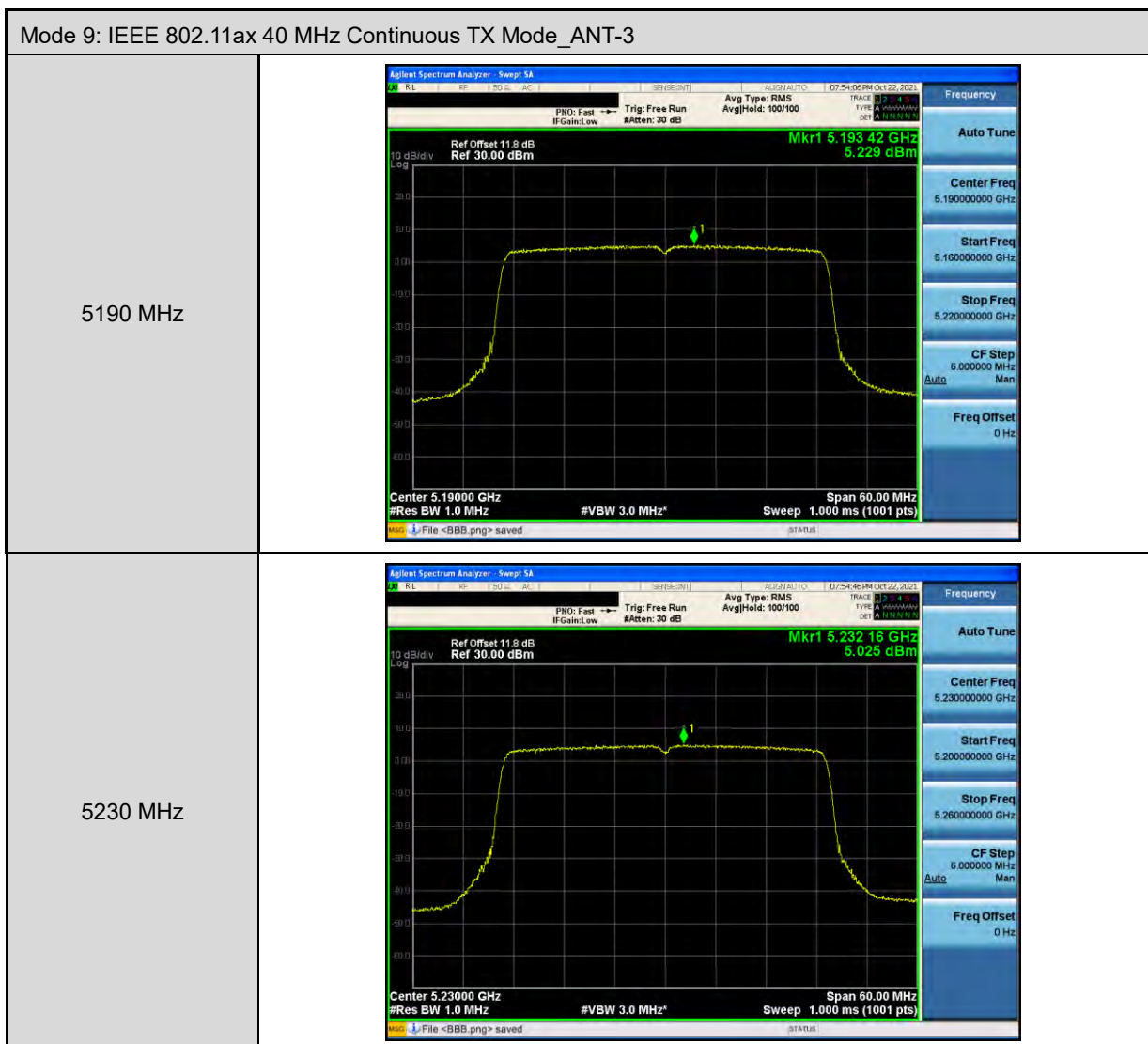


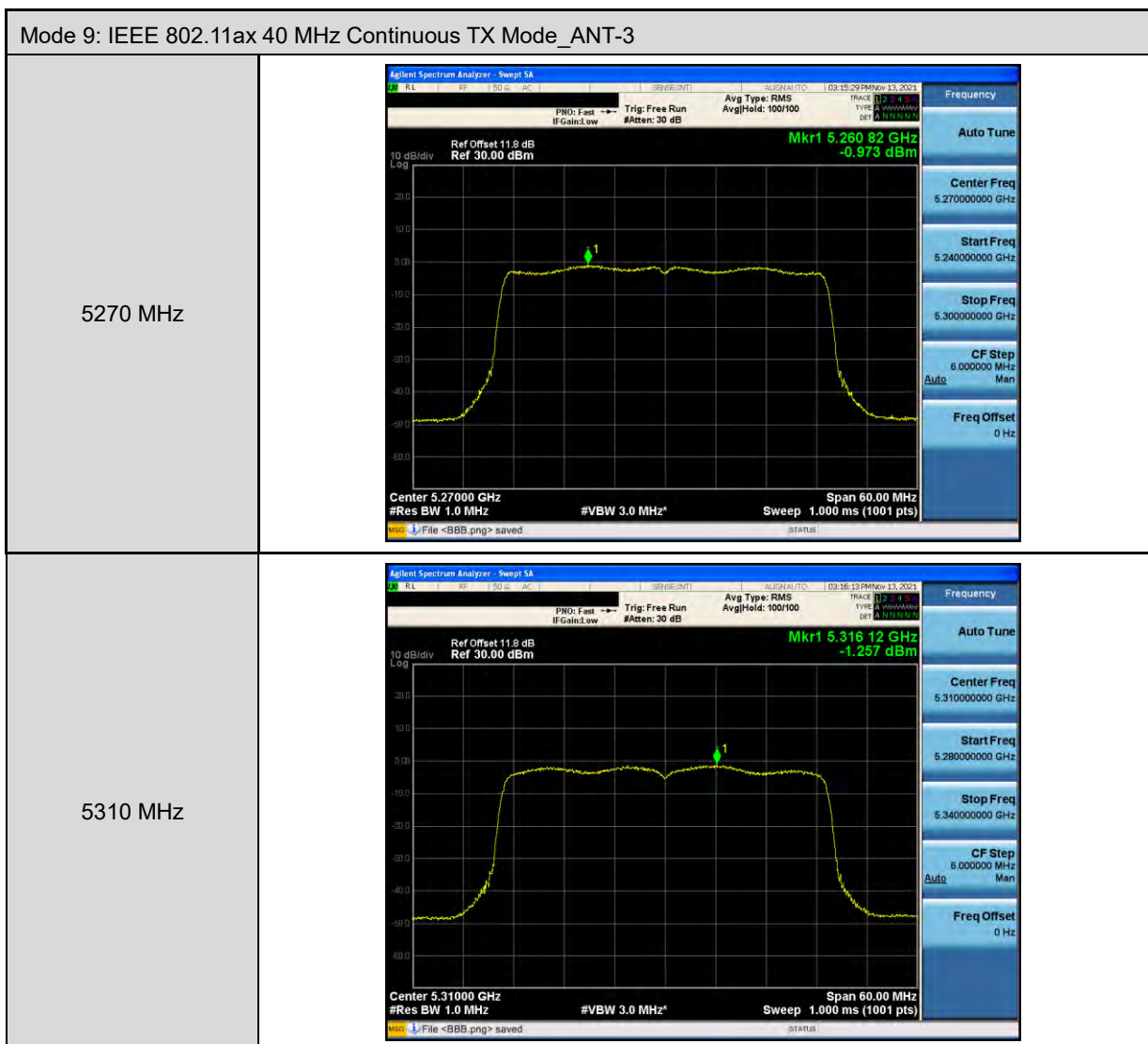
5785 MHz



5825 MHz

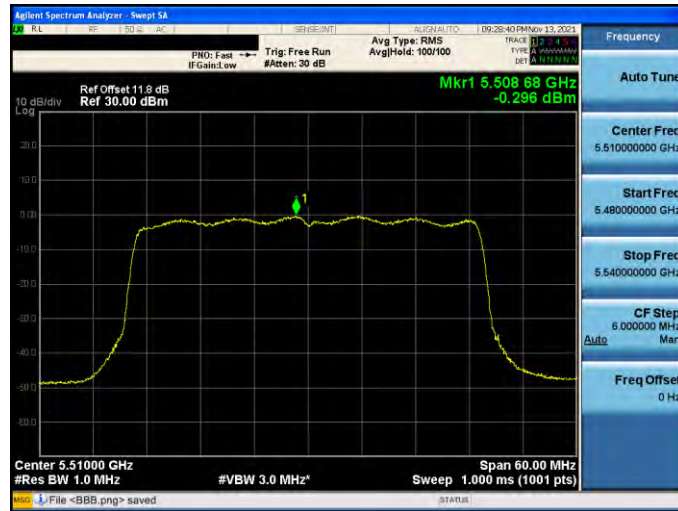






Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-3

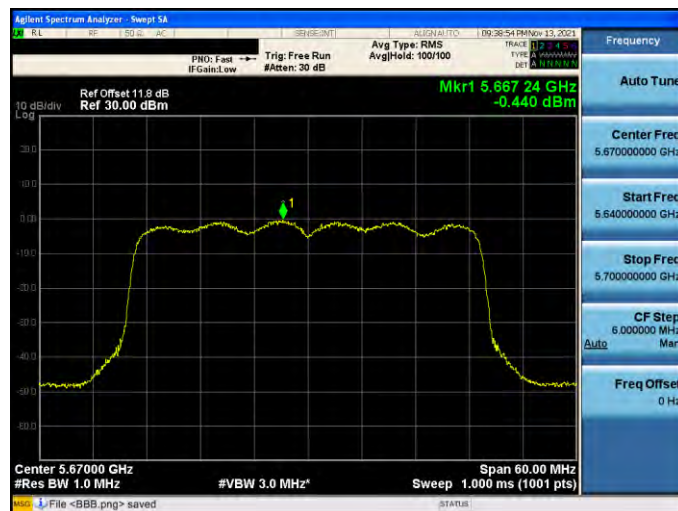
5510 MHz

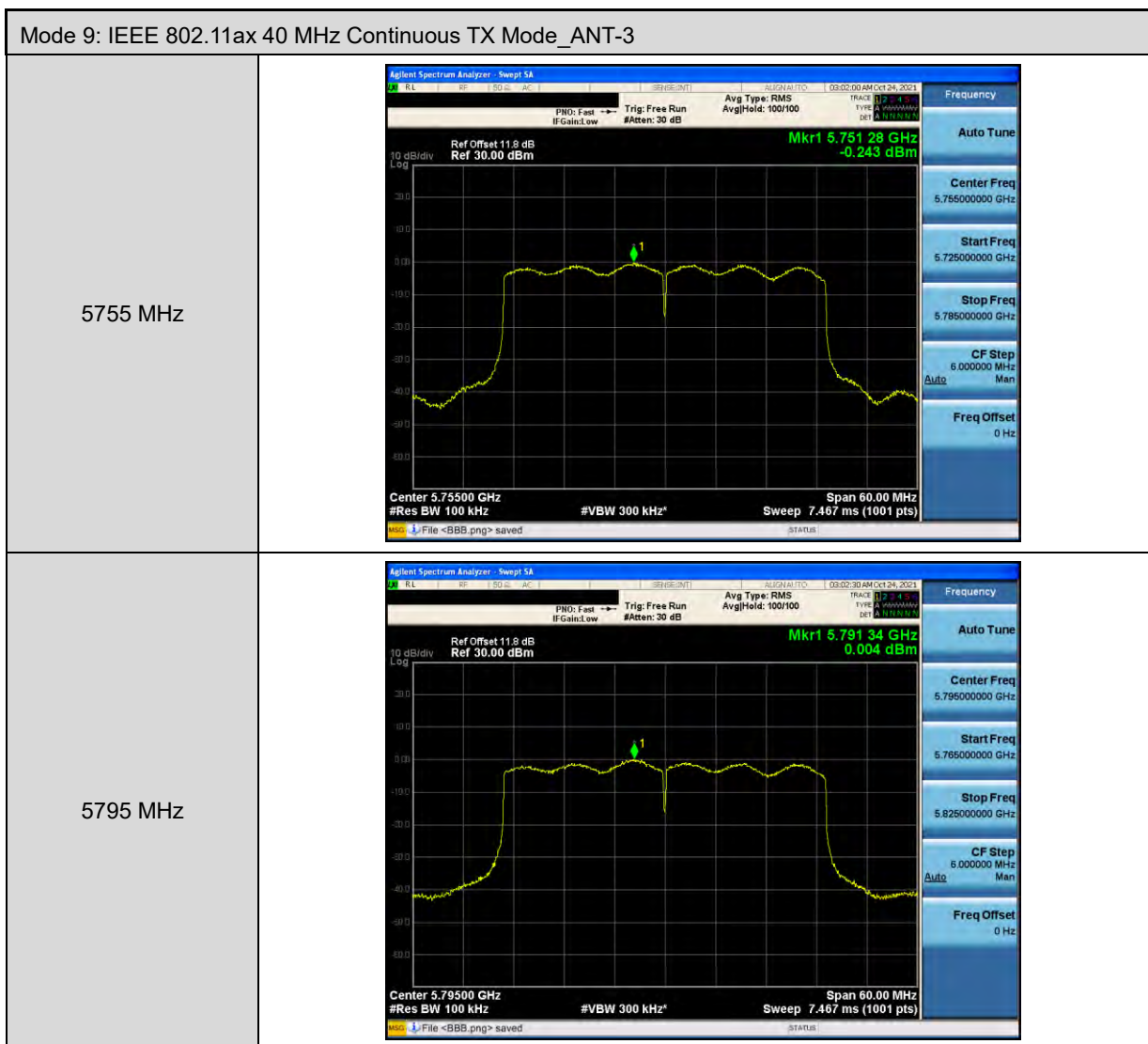


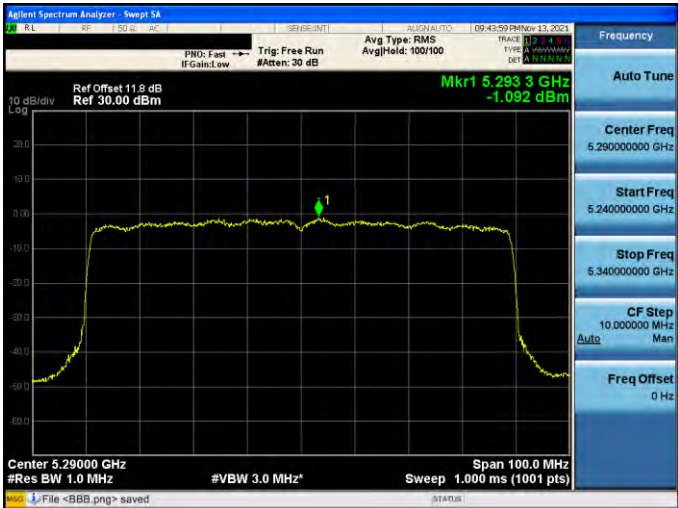
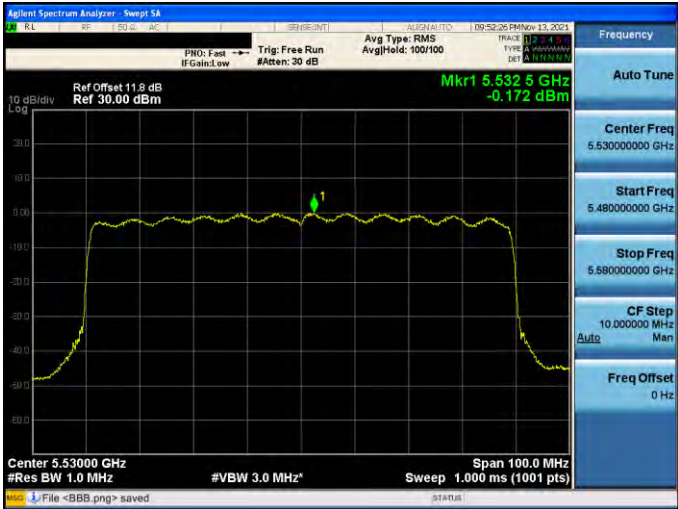
5550 MHz



5670 MHz

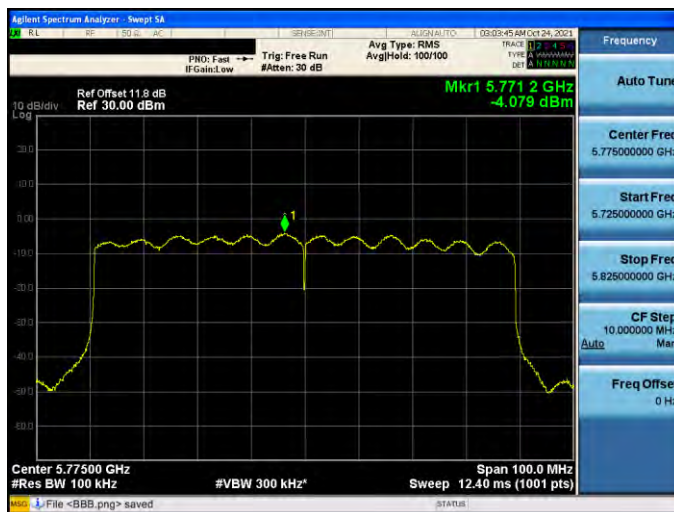




Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ANT-3	
5210 MHz	
5290 MHz	
5530 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ANT-3

5775 MHz



Beamforming on

Maximum Conducted Output Power Measurement

Test Mode	Frequency (MHz)	RF Power setting in Test Software				Test Software Version
		ANT-0	ANT-1	ANT-2	ANT-3	
Mode 3	5180	22	22	22	22	QSPR Version 5.0-00196
	5200	22	22	22	22	
	5220	22	22	22	22	
	5240	22	22	22	22	
	5260	16	16	16	16	
	5280	16.5	16.5	16.5	16.5	
	5300	16.5	16.5	16.5	16.5	
	5320	16.5	16.5	16.5	16.5	
	5500	17.5	17.5	17.5	17.5	
	5520	17.5	17.5	17.5	17.5	
	5540	17.5	17.5	17.5	17.5	
	5560	17.5	17.5	17.5	17.5	
	5580	17.5	17.5	17.5	17.5	
	5660	17.5	17.5	17.5	17.5	
	5680	17.5	17.5	17.5	17.5	
	5700	15.5	15.5	15.5	15.5	
	5745	24	24	24	24	
	5765	24	24	24	24	
	5785	24	24	24	24	
	5805	24	24	24	24	
	5825	24	24	24	24	

Test Mode	Frequency (MHz)	RF Power setting in Test Software				Test Software Version
		ANT-0	ANT-1	ANT-2	ANT-3	
Mode 4	5190	24	24	24	24	QSPR Version 5.0-00196
	5230	24	24	24	24	
	5270	17.5	17.5	17.5	17.5	
	5310	17.5	17.5	17.5	17.5	
	5510	18.5	18.5	18.5	18.5	
	5550	18.5	18.5	18.5	18.5	
	5670	18	18	18	18	
	5755	24	24	24	24	
	5795	24	24	24	24	
Mode 5	5180	22	22	22	22	QSPR Version 5.0-00196
	5200	22	22	22	22	
	5220	22	22	22	22	
	5240	22	22	22	22	
	5260	16	16	16	16	
	5280	16.5	16.5	16.5	16.5	
	5300	16.5	16.5	16.5	16.5	
	5320	16.5	16.5	16.5	16.5	
	5500	17.5	17.5	17.5	17.5	
	5520	17.5	17.5	17.5	17.5	
	5540	17.5	17.5	17.5	17.5	
	5560	17.5	17.5	17.5	17.5	
	5580	17.5	17.5	17.5	17.5	
	5660	17.5	17.5	17.5	17.5	
	5680	17.5	17.5	17.5	17.5	
	5700	15.5	15.5	15.5	15.5	
	5745	24	24	24	24	
	5765	24	24	24	24	
	5785	24	24	24	24	
	5805	24	24	24	24	
	5825	24	24	24	24	

Test Mode	Frequency (MHz)	RF Power setting in Test Software				Test Software Version
		ANT-0	ANT-1	ANT-2	ANT-3	
Mode 6	5190	24	24	24	24	QSPR Version 5.0-00196
	5230	24	24	24	24	
	5270	17.5	17.5	17.5	17.5	
	5310	17.5	17.5	17.5	17.5	
	5510	18.5	18.5	18.5	18.5	
	5550	18.5	18.5	18.5	18.5	
	5670	18	18	18	18	
	5755	24	24	24	24	
	5795	24	24	24	24	
Mode 7	5210	22.5	22.5	22.5	22.5	
	5290	17.5	17.5	17.5	17.5	
	5530	19	19	19	19	
	5775	23.5	23.5	23.5	23.5	
Mode 8	5180	22	22	22	22	QSPR Version 5.0-00196
	5200	22	22	22	22	
	5220	22	22	22	22	
	5240	22	22	22	22	
	5260	16	16	16	16	
	5280	16.5	16.5	16.5	16.5	
	5300	16.5	16.5	16.5	16.5	
	5320	16.5	16.5	16.5	16.5	
	5500	17.5	17.5	17.5	17.5	
	5520	17.5	17.5	17.5	17.5	
	5540	17.5	17.5	17.5	17.5	
	5560	17.5	17.5	17.5	17.5	
	5580	17.5	17.5	17.5	17.5	
	5660	17.5	17.5	17.5	17.5	
	5680	17.5	17.5	17.5	17.5	
	5700	15.5	15.5	15.5	15.5	
	5745	24	24	24	24	
	5765	24	24	24	24	
	5785	24	24	24	24	
	5805	24	24	24	24	
	5825	24	24	24	24	

Test Mode	Frequency (MHz)	RF Power setting in Test Software				Test Software Version
		ANT-0	ANT-1	ANT-2	ANT-3	
Mode 9	5190	24	24	24	24	QSPR Version 5.0-00196
	5230	24	24	24	24	
	5270	17.5	17.5	17.5	17.5	
	5310	17.5	17.5	17.5	17.5	
	5510	18.5	18.5	18.5	18.5	
	5550	18.5	18.5	18.5	18.5	
	5670	18	18	18	18	
	5755	24	24	24	24	
	5795	24	24	24	24	
Mode 10	5210	22.5	22.5	22.5	22.5	
	5290	17.5	17.5	17.5	17.5	
	5530	19	19	19	19	
	5775	23.5	23.5	23.5	23.5	

Maximum Conducted Output Power

Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		Limit (dBm)
		Max. Output Power								
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180.0	26 M	16.45	0.044	16.41	0.044	16.50	0.045	16.61	0.046	≤ 24.68
5200.0		16.35	0.043	16.25	0.042	16.58	0.045	16.49	0.045	≤ 24.68
5220.0		16.18	0.041	15.99	0.040	16.39	0.044	16.50	0.045	≤ 24.68
5240.0		16.38	0.043	16.52	0.045	16.58	0.045	16.54	0.045	≤ 24.68
5260.0		10.45	0.011	9.88	0.010	10.40	0.011	10.27	0.011	≤ 18.72
5280.0		10.58	0.011	10.74	0.012	10.54	0.011	10.88	0.012	≤ 18.72
5300.0		10.65	0.012	10.48	0.011	10.26	0.011	10.82	0.012	≤ 18.72
5320.0		10.47	0.011	9.96	0.010	9.64	0.009	9.95	0.010	≤ 18.72
5500.0		11.30	0.013	11.23	0.013	10.72	0.012	11.34	0.014	≤ 19.33
5520.0		11.25	0.013	11.15	0.013	10.77	0.012	11.48	0.014	≤ 19.33
5540.0		11.20	0.013	11.17	0.013	10.90	0.012	11.49	0.014	≤ 19.33
5560.0		11.38	0.014	11.35	0.014	11.06	0.013	11.54	0.014	≤ 19.33
5580.0		11.07	0.013	11.30	0.013	11.01	0.013	11.36	0.014	≤ 19.33
5660.0		10.89	0.012	11.06	0.013	10.90	0.012	11.18	0.013	≤ 19.33
5680.0		10.87	0.012	10.77	0.012	10.80	0.012	10.99	0.013	≤ 19.33
5700.0		10.82	0.012	10.53	0.011	10.84	0.012	10.77	0.012	≤ 19.33
5745.0		18.11	0.065	17.47	0.056	17.39	0.055	17.44	0.055	≤ 24.95
5765.0		18.05	0.064	17.16	0.052	17.50	0.056	17.78	0.060	≤ 24.95
5785.0		18.07	0.064	17.14	0.052	17.77	0.060	17.89	0.062	≤ 24.95
5805.0		17.96	0.063	17.19	0.052	17.60	0.058	17.80	0.060	≤ 24.95
5825.0		17.75	0.060	17.41	0.055	17.63	0.058	17.72	0.059	≤ 24.95

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0+1+2+3		Limit (dBm)
		(dBm)	(W)	
5180.0	26 M	22.51	0.178	≤ 24.68
5200.0		22.44	0.175	≤ 24.68
5220.0		22.29	0.169	≤ 24.68
5240.0		22.53	0.179	≤ 24.68
5260.0		16.28	0.042	≤ 18.72
5280.0		16.71	0.047	≤ 18.72
5300.0		16.58	0.045	≤ 18.72
5320.0		16.04	0.040	≤ 18.72
5500.0		17.18	0.052	≤ 19.33
5520.0		17.19	0.052	≤ 19.33
5540.0		17.22	0.053	≤ 19.33
5560.0		17.36	0.054	≤ 19.33
5580.0		17.21	0.053	≤ 19.33
5660.0		17.03	0.050	≤ 19.33
5680.0		16.88	0.049	≤ 19.33
5700.0		16.76	0.047	≤ 19.33
5745.0		23.63	0.231	≤ 24.95
5765.0		23.66	0.232	≤ 24.95
5785.0		23.75	0.237	≤ 24.95
5805.0		23.67	0.233	≤ 24.95
5825.0		23.65	0.232	≤ 24.95

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		Limit (dBm)
		Max. Output Power								
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190.0	54 M	17.52	0.056	17.50	0.056	17.45	0.056	17.37	0.055	≤ 24.68
5230.0		17.16	0.052	17.14	0.052	17.59	0.057	17.35	0.054	≤ 24.68
5270.0		12.19	0.017	11.58	0.014	12.11	0.016	11.85	0.015	≤ 18.72
5310.0		11.91	0.016	11.85	0.015	11.61	0.014	11.49	0.014	≤ 18.72
5510.0		12.82	0.019	12.38	0.017	12.74	0.019	12.39	0.017	≤ 19.33
5550.0		12.74	0.019	12.11	0.016	12.39	0.017	12.12	0.016	≤ 19.33
5670.0		12.60	0.018	12.57	0.018	13.15	0.021	12.82	0.019	≤ 19.33
5755.0		18.43	0.070	18.01	0.063	18.71	0.074	17.67	0.058	≤ 24.95
5795.0		18.21	0.066	17.99	0.063	18.12	0.065	17.82	0.061	≤ 24.95

Test Mode		Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode			
Frequency (MHz)	Data Rate	Max. Transmitter Output Power (ANT-0+1+2+3)			Limit (dBm)
		(dBm)		(W)	
5190.0	54 M	23.48		0.223	≤ 24.68
5230.0		23.33		0.215	≤ 24.68
5270.0		17.96		0.063	≤ 18.72
5310.0		17.74		0.059	≤ 18.72
5510.0		18.61		0.073	≤ 19.33
5550.0		18.37		0.069	≤ 19.33
5670.0		18.81		0.076	≤ 19.33
5755.0		24.24		0.266	≤ 24.95
5795.0		24.06		0.255	≤ 24.95

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		Limit (dBm)
		Max. Output Power								
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180.0	26 M	16.56	0.045	16.62	0.046	16.67	0.046	16.77	0.048	≤ 24.68
5200.0		16.53	0.045	16.41	0.044	16.80	0.048	16.70	0.047	≤ 24.68
5220.0		16.37	0.043	16.18	0.041	16.56	0.045	16.61	0.046	≤ 24.68
5240.0		16.48	0.044	16.69	0.047	16.69	0.047	16.67	0.046	≤ 24.68
5260.0		10.52	0.011	13.64	0.023	10.51	0.011	10.40	0.011	≤ 18.72
5280.0		10.76	0.012	10.91	0.012	10.71	0.012	11.05	0.013	≤ 18.72
5300.0		10.83	0.012	10.69	0.012	10.46	0.011	11.01	0.013	≤ 18.72
5320.0		10.62	0.012	10.13	0.010	9.90	0.010	10.10	0.010	≤ 18.72
5500.0		11.56	0.014	11.37	0.014	10.91	0.012	11.59	0.014	≤ 19.33
5520.0		11.48	0.014	11.37	0.014	10.99	0.013	11.65	0.015	≤ 19.33
5540.0		11.46	0.014	11.43	0.014	11.06	0.013	11.71	0.015	≤ 19.33
5560.0		11.54	0.014	11.60	0.014	11.29	0.013	11.72	0.015	≤ 19.33
5580.0		11.32	0.014	11.49	0.014	11.20	0.013	11.52	0.014	≤ 19.33
5660.0		11.10	0.013	11.31	0.014	11.16	0.013	11.39	0.014	≤ 19.33
5680.0		11.03	0.013	11.01	0.013	11.06	0.013	11.20	0.013	≤ 19.33
5700.0		11.02	0.013	10.79	0.012	11.05	0.013	10.91	0.012	≤ 19.33
5745.0		18.28	0.067	17.60	0.058	17.54	0.057	17.64	0.058	≤ 24.95
5765.0		18.22	0.066	17.36	0.054	17.71	0.059	17.89	0.062	≤ 24.95
5785.0		18.21	0.066	17.34	0.054	17.89	0.062	18.06	0.064	≤ 24.95
5805.0		18.09	0.064	17.37	0.055	17.75	0.060	18.02	0.063	≤ 24.95
5825.0		17.94	0.062	17.53	0.057	17.75	0.060	17.85	0.061	≤ 24.95

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode ode		
Frequency (MHz)	Data Rate	Max. Transmitter Output Power (ANT-0+1+2+3)		Limit (dBm)
		(dBm)	(W)	
5180.0	26 M	22.68	0.185	≤ 24.68
5200.0		22.63	0.183	≤ 24.68
5220.0		22.45	0.176	≤ 24.68
5240.0		22.65	0.184	≤ 24.68
5260.0		17.53	0.057	≤ 18.72
5280.0		16.88	0.049	≤ 18.72
5300.0		16.77	0.048	≤ 18.72
5320.0		16.22	0.042	≤ 18.72
5500.0		17.39	0.055	≤ 19.33
5520.0		17.40	0.055	≤ 19.33
5540.0		17.44	0.055	≤ 19.33
5560.0		17.56	0.057	≤ 19.33
5580.0		17.41	0.055	≤ 19.33
5660.0		17.26	0.053	≤ 19.33
5680.0		17.10	0.051	≤ 19.33
5700.0		16.96	0.050	≤ 19.33
5745.0		23.80	0.240	≤ 24.95
5765.0		23.83	0.241	≤ 24.95
5785.0		23.91	0.246	≤ 24.95
5805.0		23.84	0.242	≤ 24.95
5825.0		23.79	0.239	≤ 24.95

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		Limit (dBm)
		Max. Output Power								
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190.0	54 M	17.74	0.059	17.68	0.059	17.67	0.058	17.57	0.057	≤ 24.68
5230.0		17.37	0.055	17.27	0.053	17.69	0.059	17.47	0.056	≤ 24.68
5270.0		12.31	0.017	11.79	0.015	12.22	0.017	11.98	0.016	≤ 18.72
5310.0		12.06	0.016	12.08	0.016	11.83	0.015	11.62	0.015	≤ 18.72
5510.0		12.98	0.020	12.58	0.018	12.99	0.020	12.63	0.018	≤ 19.33
5550.0		12.87	0.019	12.27	0.017	12.57	0.018	12.39	0.017	≤ 19.33
5670.0		12.74	0.019	12.70	0.019	13.20	0.021	12.91	0.020	≤ 19.33
5755.0		18.65	0.073	18.18	0.066	18.91	0.078	17.85	0.061	≤ 24.95
5795.0		18.43	0.070	18.14	0.065	18.29	0.067	17.95	0.062	≤ 24.95

Test Mode		Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode			
Frequency (MHz)	Data Rate	Max. Transmitter Output Power (ANT-0+1+2+3)			Limit (dBm)
		(dBm)	(W)		
5190.0	54 M	23.69	0.234		≤ 24.68
5230.0		23.47	0.223		≤ 24.68
5270.0		18.10	0.065		≤ 18.72
5310.0		17.92	0.062		≤ 18.72
5510.0		18.82	0.076		≤ 19.33
5550.0		18.55	0.072		≤ 19.33
5670.0		18.91	0.078		≤ 19.33
5755.0		24.44	0.278		≤ 24.95
5795.0		24.23	0.265		≤ 24.95

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		Limit (dBm)
		Max. Output Power								
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5210.0	117.2 M	17.17	0.052	16.74	0.047	17.12	0.052	16.67	0.046	≤ 24.68
5290.0		12.03	0.016	12.36	0.017	12.11	0.016	12.07	0.016	≤ 18.72
5530.0		13.16	0.021	12.82	0.019	12.72	0.019	12.81	0.019	≤ 19.33
5775.0		18.38	0.069	18.03	0.064	18.51	0.071	17.77	0.060	≤ 24.95

Test Mode		Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode			
Frequency (MHz)	Data Rate	Max. Transmitter Output Power (ANT-0+1+2+3)			Limit (dBm)
		(dBm)		(W)	
5210.0	117.2 M	22.95		0.197	≤ 24.68
5290.0		18.17		0.066	≤ 18.72
5530.0		18.90		0.078	≤ 19.33
5775.0		24.20		0.263	≤ 24.95

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		Limit (dBm)
		Max. Output Power								
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180.0	MCS 0	16.95	0.050	16.86	0.049	17.01	0.050	17.03	0.050	≤ 24.68
5200.0		16.85	0.048	16.75	0.047	17.18	0.052	17.09	0.051	≤ 24.68
5220.0		16.79	0.048	16.72	0.047	17.10	0.051	17.04	0.051	≤ 24.68
5240.0		16.72	0.047	16.91	0.049	16.90	0.049	16.95	0.050	≤ 24.68
5260.0		10.78	0.012	10.25	0.011	10.72	0.012	10.63	0.012	≤ 18.72
5280.0		11.08	0.013	11.15	0.013	11.00	0.013	11.29	0.013	≤ 18.72
5300.0		11.05	0.013	11.09	0.013	10.78	0.012	11.25	0.013	≤ 18.72
5320.0		10.85	0.012	10.42	0.011	10.25	0.011	10.40	0.011	≤ 18.72
5500.0		11.91	0.016	11.60	0.014	11.15	0.013	11.84	0.015	≤ 19.33
5520.0		11.79	0.015	11.68	0.015	11.30	0.013	11.90	0.015	≤ 19.33
5540.0		11.75	0.015	11.78	0.015	11.42	0.014	11.92	0.016	≤ 19.33
5560.0		11.82	0.015	11.90	0.015	11.50	0.014	11.95	0.016	≤ 19.33
5580.0		11.68	0.015	11.75	0.015	11.48	0.014	11.81	0.015	≤ 19.33
5660.0		11.45	0.014	11.58	0.014	11.45	0.014	11.67	0.015	≤ 19.33
5680.0		11.36	0.014	11.22	0.013	11.40	0.014	11.45	0.014	≤ 19.33
5700.0		11.25	0.013	11.03	0.013	11.36	0.014	11.20	0.013	≤ 19.33
5745.0		18.58	0.072	17.92	0.062	17.82	0.061	18.01	0.063	≤ 24.95
5765.0		18.45	0.070	17.70	0.059	18.00	0.063	18.15	0.065	≤ 24.95
5785.0		18.50	0.071	17.72	0.059	18.15	0.065	18.28	0.067	≤ 24.95
5805.0		18.32	0.068	17.70	0.059	18.09	0.064	18.25	0.067	≤ 24.95
5825.0		18.18	0.066	17.88	0.061	18.04	0.064	18.20	0.066	≤ 24.95

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 8: IEEE 802.11ax 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	Max. Transmitter Output Power (ANT-0+1+2+3)		Limit (dBm)
		(dBm)	(W)	
5180.0	MCS 0	22.98	0.199	≤ 24.68
5200.0		22.99	0.199	≤ 24.68
5220.0		22.94	0.197	≤ 24.68
5240.0		22.89	0.195	≤ 24.68
5260.0		16.62	0.046	≤ 18.72
5280.0		17.15	0.052	≤ 18.72
5300.0		17.07	0.051	≤ 18.72
5320.0		16.51	0.045	≤ 18.72
5500.0		17.66	0.058	≤ 19.33
5520.0		17.69	0.059	≤ 19.33
5540.0		17.74	0.059	≤ 19.33
5560.0		17.82	0.060	≤ 19.33
5580.0		17.70	0.059	≤ 19.33
5660.0		17.56	0.057	≤ 19.33
5680.0		17.38	0.055	≤ 19.33
5700.0		17.23	0.053	≤ 19.33
5745.0		24.11	0.258	≤ 24.95
5765.0		24.10	0.257	≤ 24.95
5785.0		24.19	0.263	≤ 24.95
5805.0		24.12	0.258	≤ 24.95
5825.0		24.10	0.257	≤ 24.95

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		Limit (dBm)
		Max. Output Power								
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190.0	MCS 0	18.03	0.064	17.95	0.062	18.01	0.063	17.81	0.060	≤ 24.68
5230.0		17.71	0.059	17.56	0.057	18.05	0.064	17.75	0.060	≤ 24.68
5270.0		12.54	0.018	12.12	0.016	12.42	0.017	12.35	0.017	≤ 18.72
5310.0		12.40	0.017	12.38	0.017	12.15	0.016	11.85	0.015	≤ 18.72
5510.0		13.28	0.021	12.85	0.019	13.28	0.021	12.94	0.020	≤ 19.33
5550.0		13.10	0.020	12.55	0.018	12.81	0.019	12.60	0.018	≤ 19.33
5670.0		12.95	0.020	13.04	0.020	13.55	0.023	13.13	0.021	≤ 19.33
5755.0		18.93	0.078	18.55	0.072	19.14	0.082	18.18	0.066	≤ 24.95
5795.0		18.70	0.074	18.38	0.069	18.57	0.072	18.28	0.067	≤ 24.95

Test Mode		Mode 9: IEEE 802.11ax 40 MHz Continuous TX mode			
Frequency (MHz)	Data Rate	Max. Transmitter Output Power (ANT-0+1+2+3)			Limit (dBm)
		(dBm)	(W)		
5190.0	MCS 0	23.97	0.250		≤ 24.68
5230.0		23.79	0.239		≤ 24.68
5270.0		18.38	0.069		≤ 18.72
5310.0		18.22	0.066		≤ 18.72
5510.0		19.11	0.082		≤ 19.33
5550.0		18.79	0.076		≤ 19.33
5670.0		19.19	0.083		≤ 19.33
5755.0		24.74	0.298		≤ 24.95
5795.0		24.51	0.282		≤ 24.95

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode								
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		Limit (dBm)
		Max. Output Power								
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5210.0	MCS 0	17.39	0.055	17.14	0.052	17.43	0.055	16.91	0.049	≤ 24.68
5290.0		12.33	0.017	12.61	0.018	12.45	0.018	12.33	0.017	≤ 18.72
5530.0		13.37	0.022	13.13	0.021	13.09	0.020	13.17	0.021	≤ 19.33
5775.0		18.70	0.074	18.35	0.068	18.80	0.076	18.05	0.064	≤ 24.95

Test Mode		Mode 10: IEEE 802.11ax 80 MHz Continuous TX mode			
Frequency (MHz)	Data Rate	Max. Transmitter Output Power (ANT-0+1+2+3)			Limit (dBm)
		(dBm)		(W)	
5210.0	MCS 0	23.24		0.211	≤ 24.68
5290.0		18.45		0.070	≤ 18.72
5530.0		19.21		0.083	≤ 19.33
5775.0		24.51		0.282	≤ 24.95

Note: The relevant measured result has the offset with cable loss already.

Transmit power control Measurement

Test Mode	Data Rate	Frequency (MHz)	ANT-0+1+2+3				E.I.R.P. Limit (dBm)
			Max. Outup Power	Max. Gain	E.I.R.P.		
			(dBm)	(dBi)	(dBm)	(W)	
Mode 3	26 M	5260	12.27	11.28	23.55	0.227	≤ 24.00
		5280	12.10	11.28	23.38	0.218	≤ 24.00
		5300	11.97	11.28	23.25	0.211	≤ 24.00
		5320	12.22	11.28	23.50	0.224	≤ 24.00
		5500	13.13	10.67	23.80	0.240	≤ 24.00
		5520	13.19	10.67	23.86	0.243	≤ 24.00
		5540	13.21	10.67	23.88	0.245	≤ 24.00
		5560	13.20	10.67	23.87	0.244	≤ 24.00
		5580	13.16	10.67	23.83	0.241	≤ 24.00
		5660	13.11	10.67	23.78	0.239	≤ 24.00
		5680	13.08	10.67	23.75	0.237	≤ 24.00
Mode 4	54 M	5700	13.01	10.67	23.68	0.234	≤ 24.00
		5270	11.88	11.28	23.16	0.207	≤ 24.00
		5310	12.21	11.28	23.49	0.223	≤ 24.00
		5510	12.79	10.67	23.46	0.222	≤ 24.00
		5550	12.74	10.67	23.41	0.219	≤ 24.00
Mode 5	26 M	5670	13.26	10.67	23.93	0.247	≤ 24.00
		5260	12.45	11.28	23.73	0.236	≤ 24.00
		5280	12.27	11.28	23.55	0.226	≤ 24.00
		5300	12.16	11.28	23.44	0.221	≤ 24.00
		5320	12.38	11.28	23.66	0.232	≤ 24.00
		5500	13.30	10.67	23.97	0.250	≤ 24.00
		5520	13.32	10.67	23.99	0.251	≤ 24.00
		5540	13.30	10.67	23.97	0.249	≤ 24.00
		5560	13.29	10.67	23.96	0.249	≤ 24.00
		5580	13.31	10.67	23.98	0.250	≤ 24.00
		5660	13.27	10.67	23.94	0.248	≤ 24.00
Mode 6	54 M	5680	13.25	10.67	23.92	0.246	≤ 24.00
		5700	13.16	10.67	23.83	0.241	≤ 24.00
		5270	12.05	11.28	23.33	0.215	≤ 24.00
		5310	12.40	11.28	23.68	0.233	≤ 24.00
		5510	12.97	10.67	23.64	0.231	≤ 24.00
Mode 7	117.2 M	5550	12.93	10.67	23.60	0.229	≤ 24.00
		5670	13.32	10.67	23.99	0.251	≤ 24.00
		5290	12.40	11.28	23.68	0.234	≤ 24.00
		5530	13.28	10.67	23.95	0.248	≤ 24.00

Note: The relevant measured result has the offset with cable loss already.

Test Mode	Data Rate	Frequency (MHz)	ANT-0+1+2+3				E.I.R.P. Limit (dBm)
			Max. Outup Power	Max. Gain	E.I.R.P.		
			(dBm)	(dBi)	(dBm)	(W)	
Mode 8	MCS 0	5260	12.72	11.28	24.00	0.250	≤ 24.00
		5280	12.53	11.28	23.81	0.240	≤ 24.00
		5300	12.45	11.28	23.73	0.236	≤ 24.00
		5320	12.63	11.28	23.91	0.246	≤ 24.00
		5500	13.27	10.67	23.94	0.248	≤ 24.00
		5520	13.30	10.67	23.97	0.249	≤ 24.00
		5540	13.31	10.67	23.98	0.250	≤ 24.00
		5560	13.29	10.67	23.96	0.249	≤ 24.00
		5580	13.29	10.67	23.96	0.249	≤ 24.00
		5660	13.32	10.67	23.99	0.251	≤ 24.00
		5680	13.29	10.67	23.96	0.249	≤ 24.00
		5700	13.28	10.67	23.95	0.248	≤ 24.00
Mode 9	MCS 0	5270	12.42	11.28	23.70	0.235	≤ 24.00
		5310	12.55	11.28	23.83	0.242	≤ 24.00
		5510	13.25	10.67	23.92	0.247	≤ 24.00
		5550	13.32	10.67	23.99	0.250	≤ 24.00
		5670	13.31	10.67	23.98	0.250	≤ 24.00
Mode 10	MCS 0	5290	12.67	11.28	23.95	0.248	≤ 24.00
		5530	13.24	10.67	23.91	0.246	≤ 24.00

Note: The relevant measured result has the offset with cable loss already.

26 dB RF Bandwidth

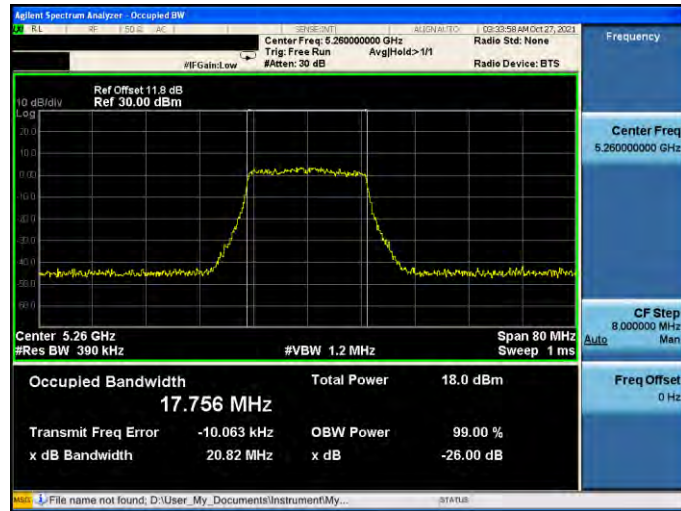
Test Mode	Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3
		Measurement Results (MHz)	Measurement Results (MHz)	Measurement Results (MHz)	Measurement Results (MHz)
Mode 3	5260	20.820	20.890	20.470	20.390
	5280	20.690	20.400	20.890	20.310
	5320	20.620	21.140	20.890	20.390
	5500	20.820	20.200	20.720	20.330
	5560	20.610	20.610	20.320	20.040
	5700	20.370	21.100	20.490	20.810
Mode 4	5270	40.270	40.150	40.130	40.420
	5310	40.550	40.590	40.010	40.590
	5510	40.500	40.290	40.430	40.390
	5550	40.690	41.020	40.520	40.180
	5670	40.270	39.890	40.690	40.550
Mode 5	5260	20.850	20.480	20.730	20.740
	5280	20.790	20.470	20.980	20.300
	5320	20.890	20.500	20.730	20.820
	5500	20.900	20.290	20.630	19.950
	5560	20.850	20.230	20.970	20.270
	5700	20.630	21.150	20.570	20.580
Mode 6	5270	40.670	40.230	40.540	40.480
	5310	40.340	40.690	40.560	40.550
	5510	40.110	40.170	40.450	40.260
	5550	40.750	40.890	40.560	40.630
	5670	40.570	39.600	40.560	40.180
Mode 7	5290	82.190	82.220	82.310	81.800
	5530	82.790	81.770	82.550	81.080

Test Mode	Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3
		Measurement Results (MHz)	Measurement Results (MHz)	Measurement Results (MHz)	Measurement Results (MHz)
Mode 8	5180	21.060	21.220	21.100	21.390
	5200	21.230	21.210	21.160	21.500
	5240	22.030	21.180	21.040	21.230
	5260	21.380	21.440	21.370	21.350
	5280	21.140	21.190	21.150	21.250
	5320	21.030	21.260	21.540	21.140
	5500	21.680	21.250	21.570	21.510
	5560	21.540	21.100	21.120	21.210
	5700	21.250	21.220	21.170	21.200
Mode 9	5190	40.990	41.110	40.880	41.260
	5230	41.060	41.160	40.860	41.460
	5270	41.320	41.020	41.030	40.960
	5310	41.370	41.280	41.120	40.380
	5510	40.390	41.400	40.830	40.630
	5550	41.690	40.910	40.950	41.030
	5670	41.030	40.360	40.720	40.620
Mode 10	5210	82.700	82.610	82.790	81.890
	5290	82.730	81.530	82.480	83.480
	5530	82.760	83.340	82.400	81.710

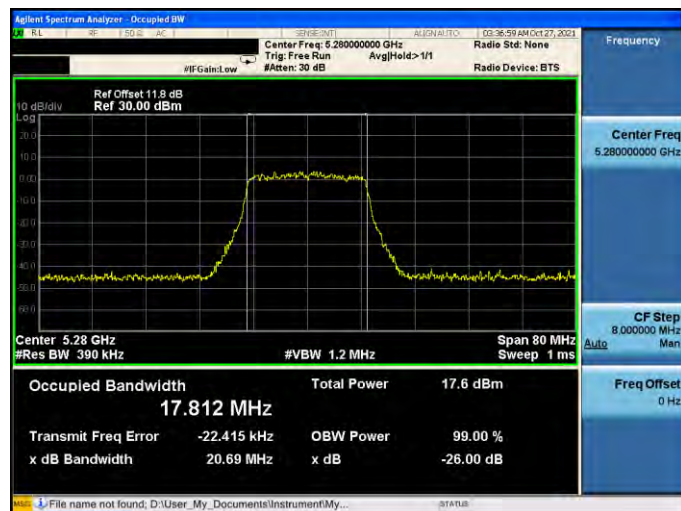
■ Test Graphs

Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-0

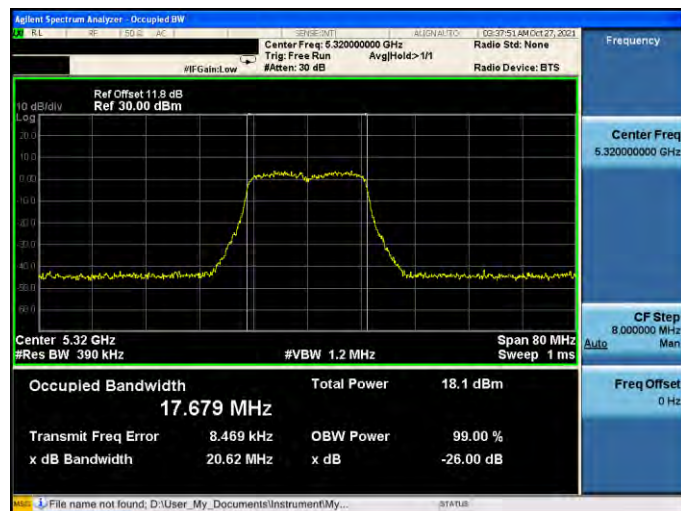
5260 MHz

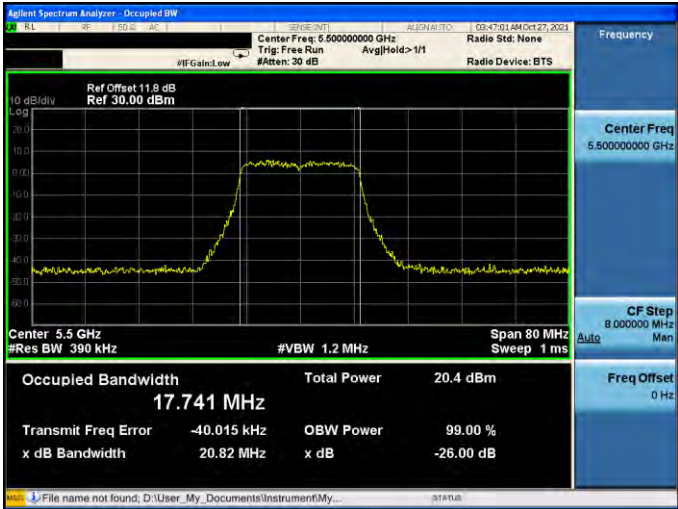
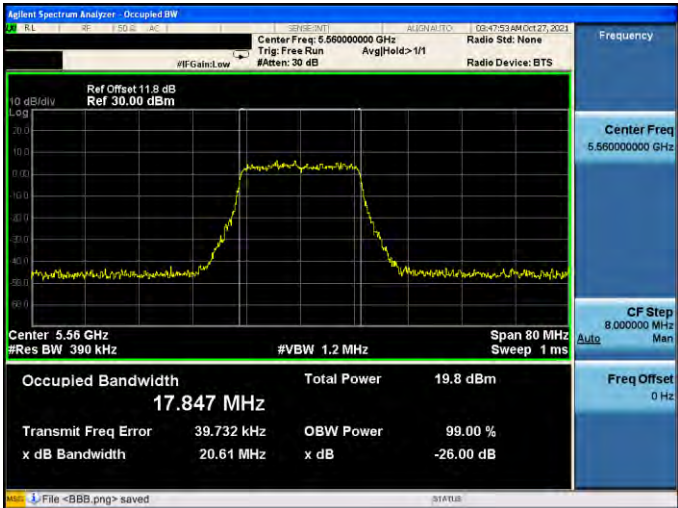
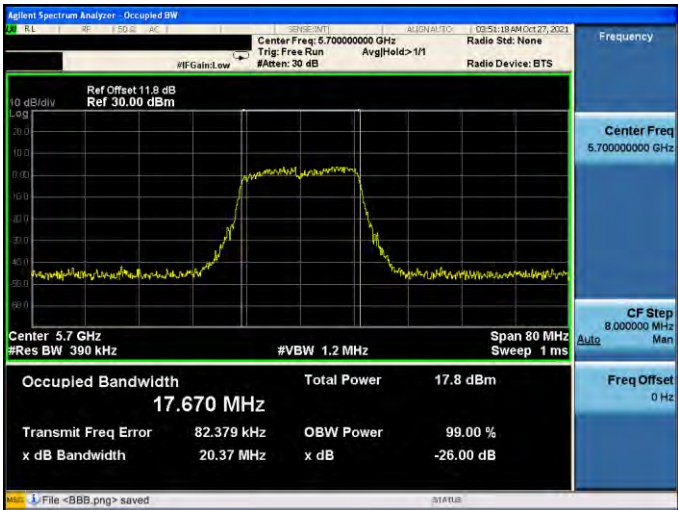


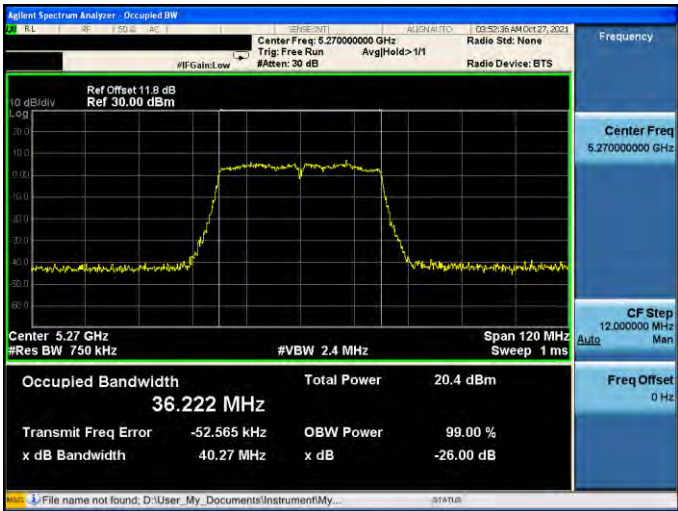
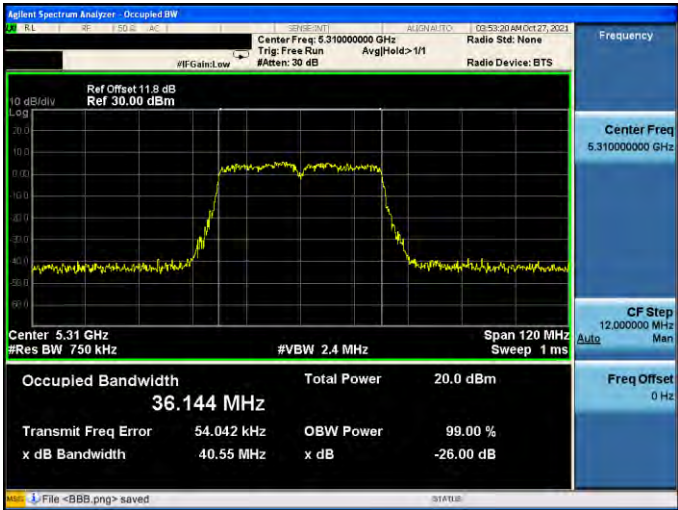
5280 MHz



5320 MHz

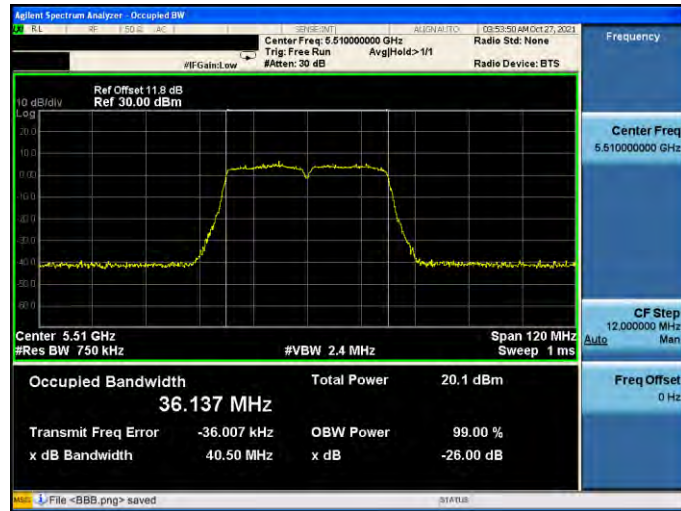


Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-0	
5500 MHz	 Occupied Bandwidth 17.741 MHz Total Power 20.4 dBm Transmit Freq Error -40.015 kHz x dB Bandwidth 20.82 MHz
5560 MHz	 Occupied Bandwidth 17.847 MHz Total Power 19.8 dBm Transmit Freq Error 39.732 kHz x dB Bandwidth 20.61 MHz
5700 MHz	 Occupied Bandwidth 17.670 MHz Total Power 17.8 dBm Transmit Freq Error 82.379 kHz x dB Bandwidth 20.37 MHz

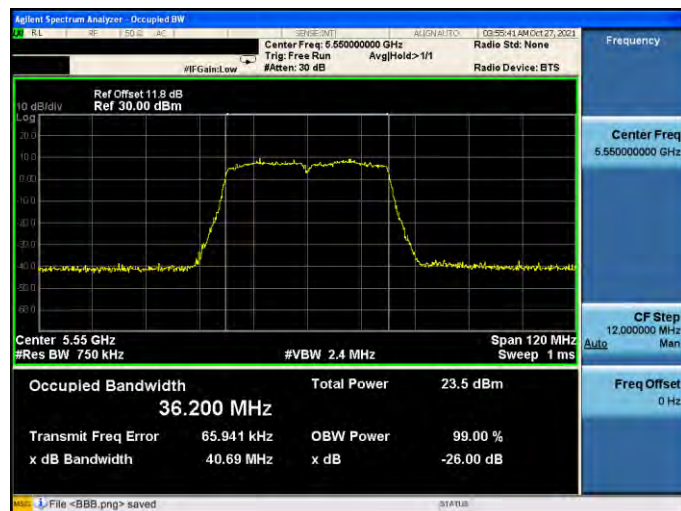
Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-0	
5270 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.27000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.27 GHz #Res BW 750 kHz #VBW 2.4 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth 36.222 MHz Total Power 20.4 dBm Transmit Freq Error -52.565 kHz OBW Power 99.00 % x dB Bandwidth 40.27 MHz x dB -26.00 dB File name not found, D:\User_My_Documents\InstrumentMy...
5310 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.31000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.31 GHz #Res BW 750 kHz #VBW 2.4 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth 36.144 MHz Total Power 20.0 dBm Transmit Freq Error 54.042 kHz OBW Power 99.00 % x dB Bandwidth 40.55 MHz x dB -26.00 dB File <BBB.png> saved

Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-0

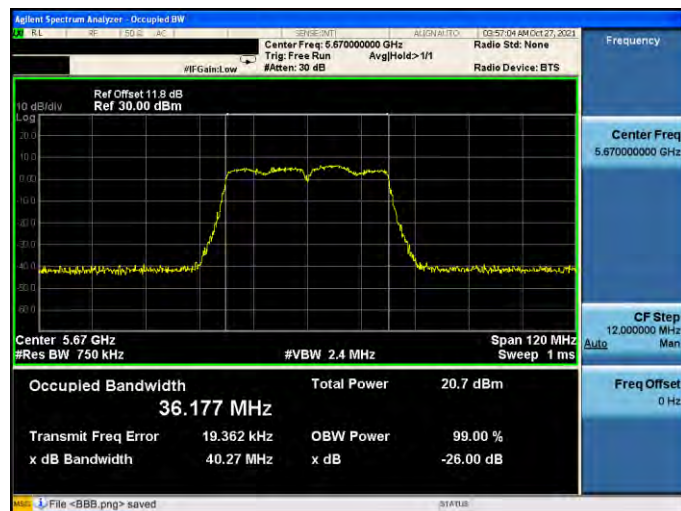
5510 MHz

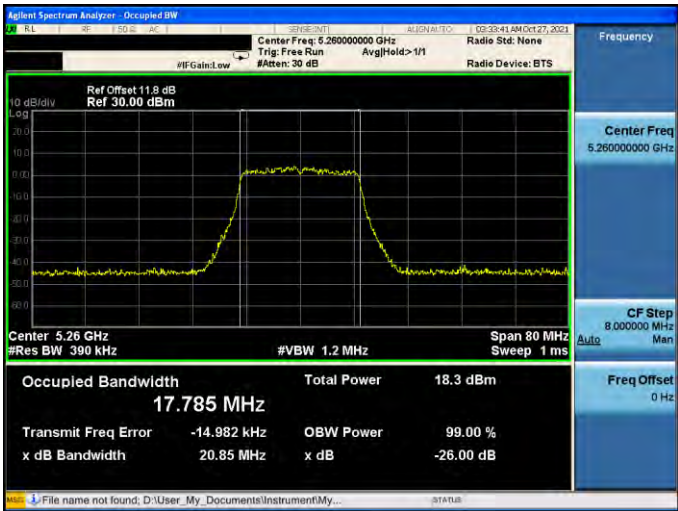
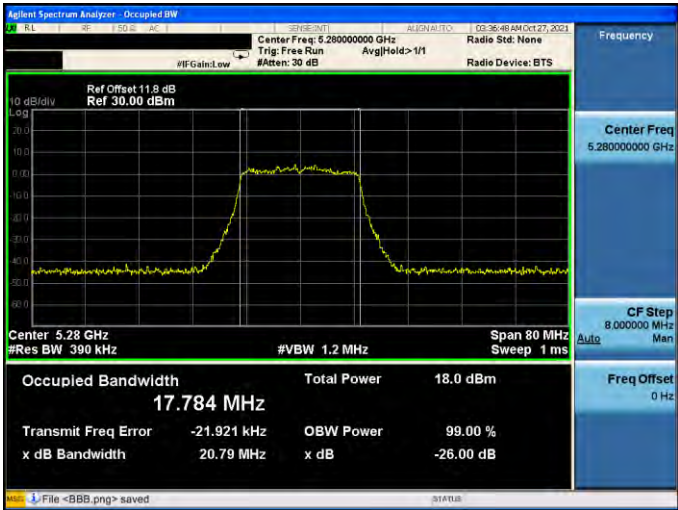
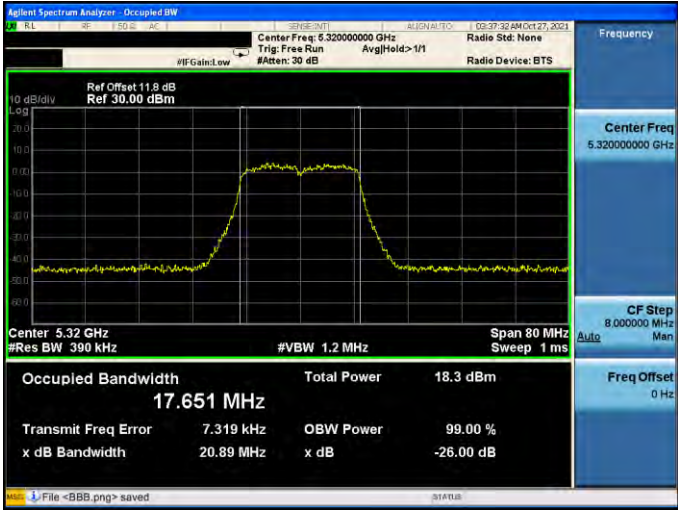


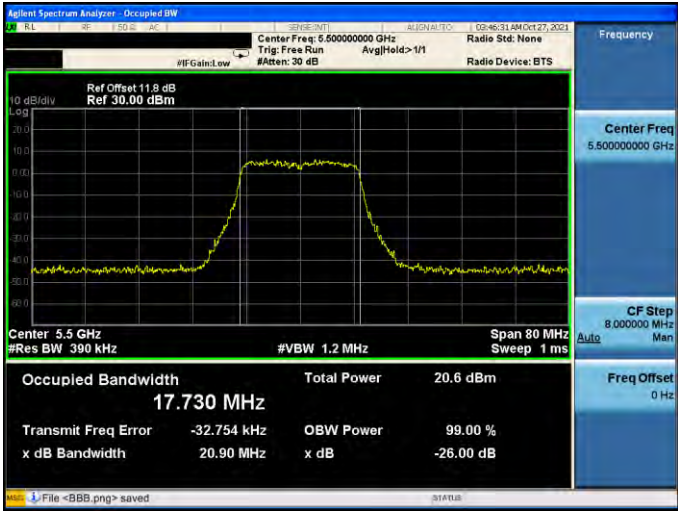
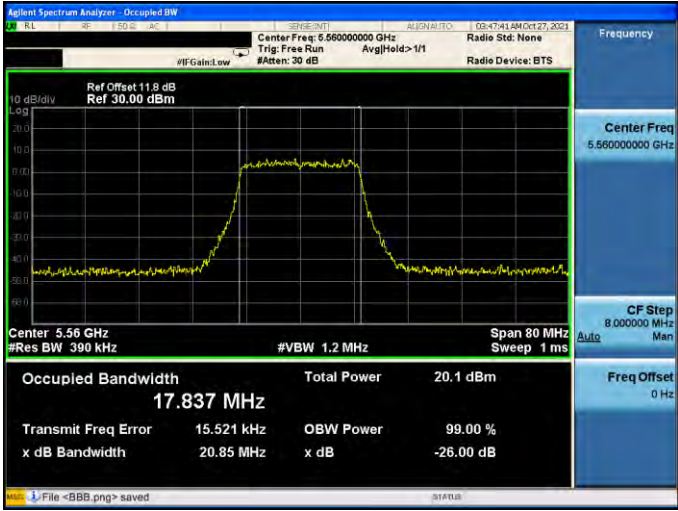
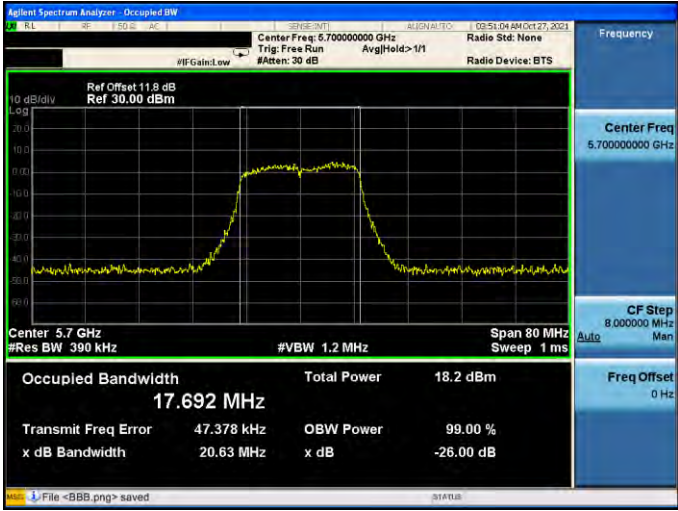
5550 MHz

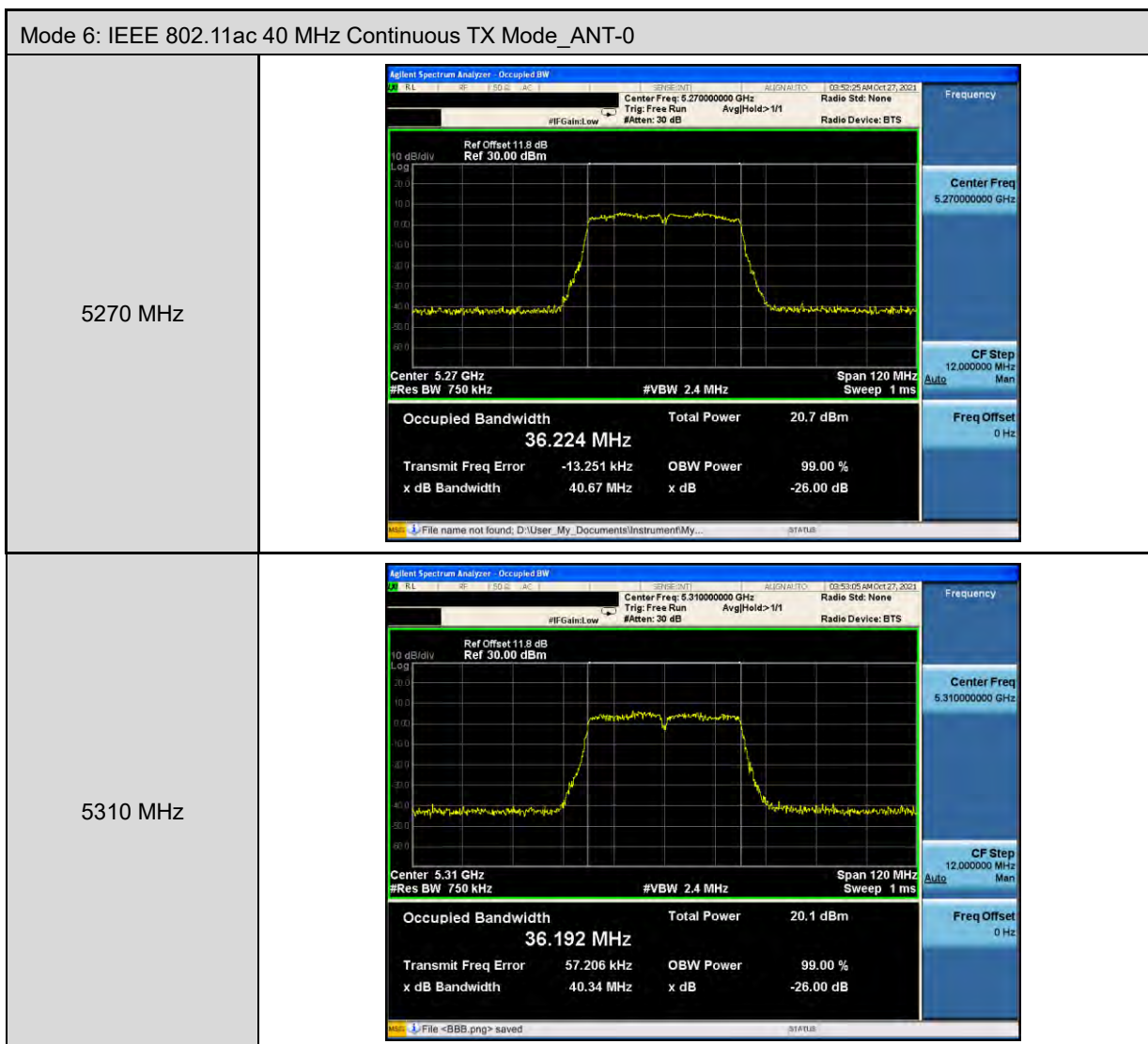


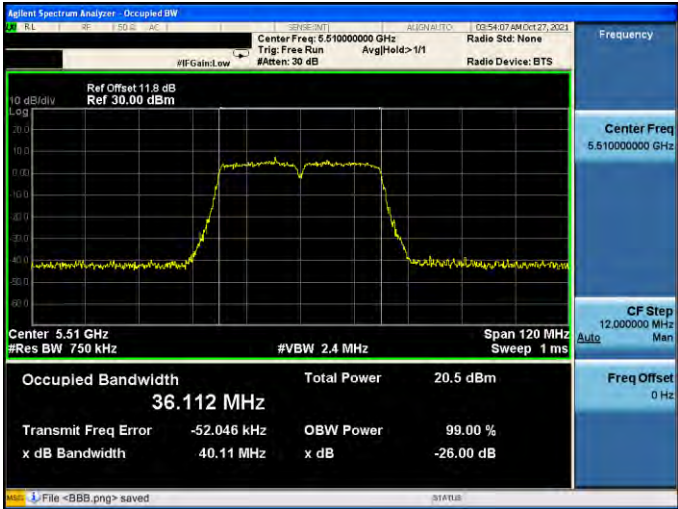
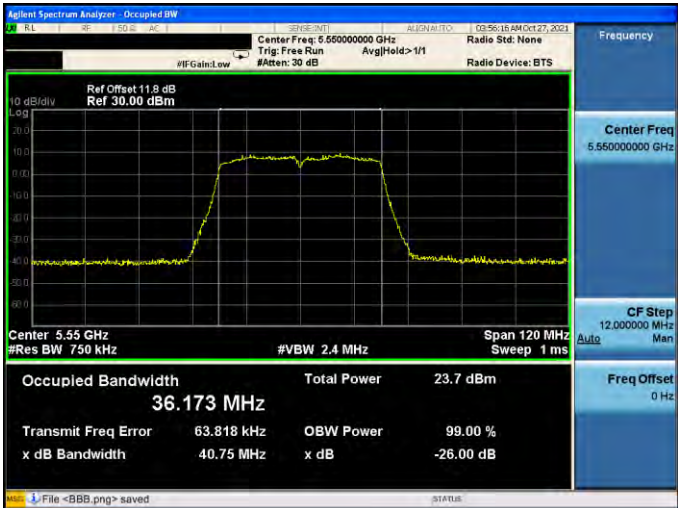
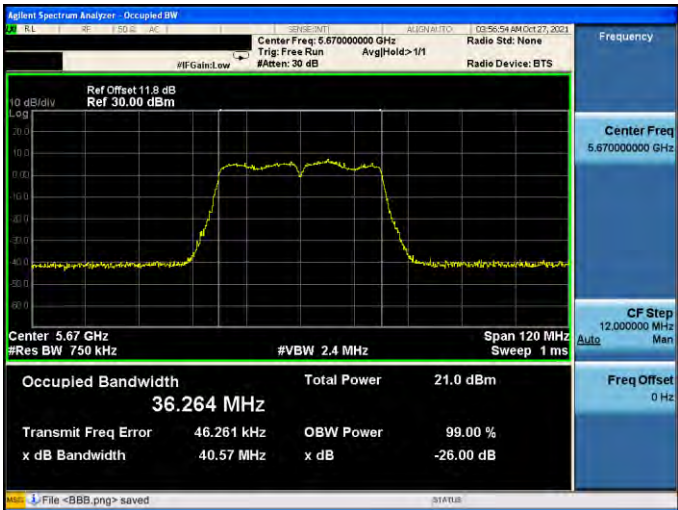
5670 MHz

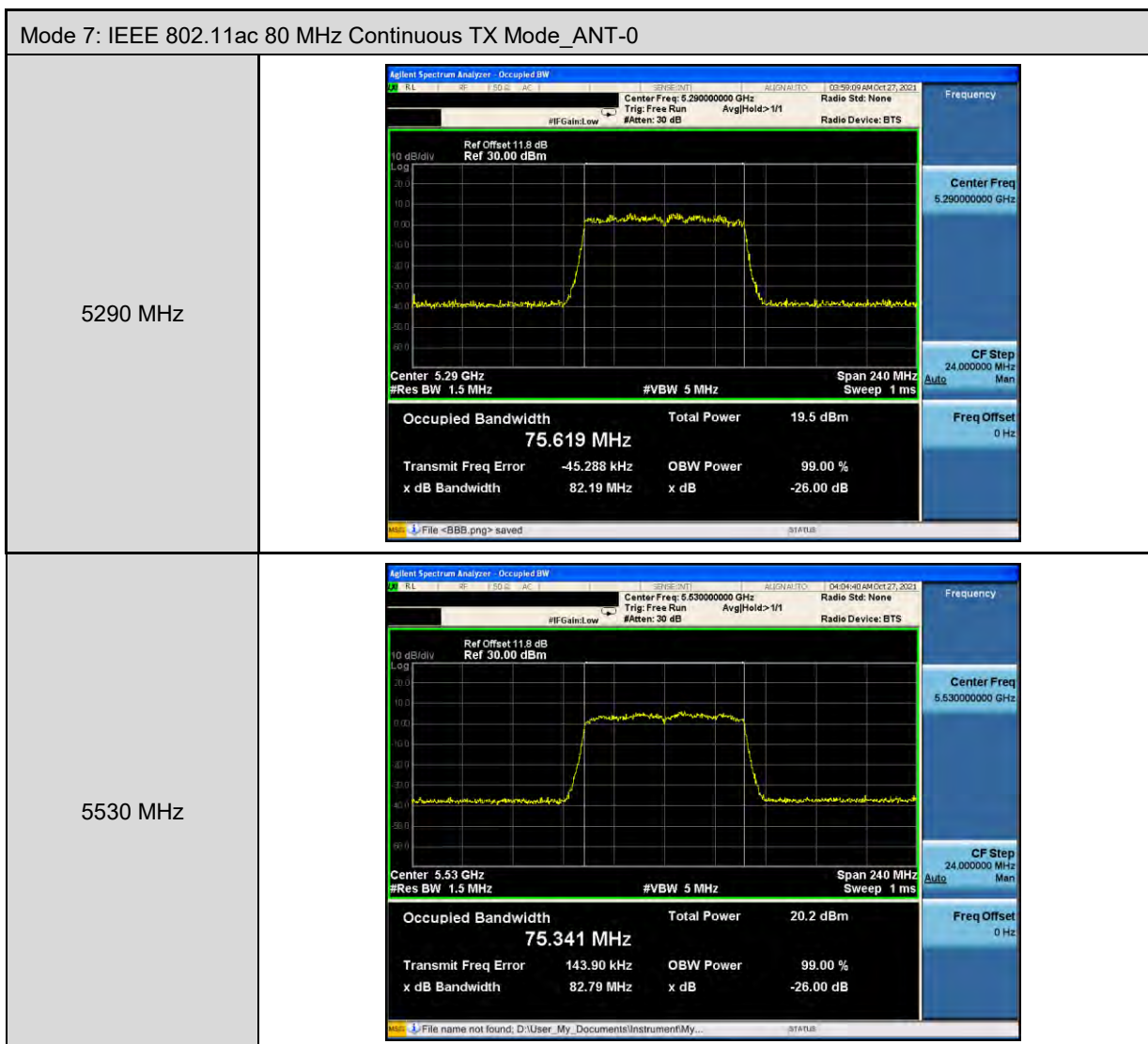


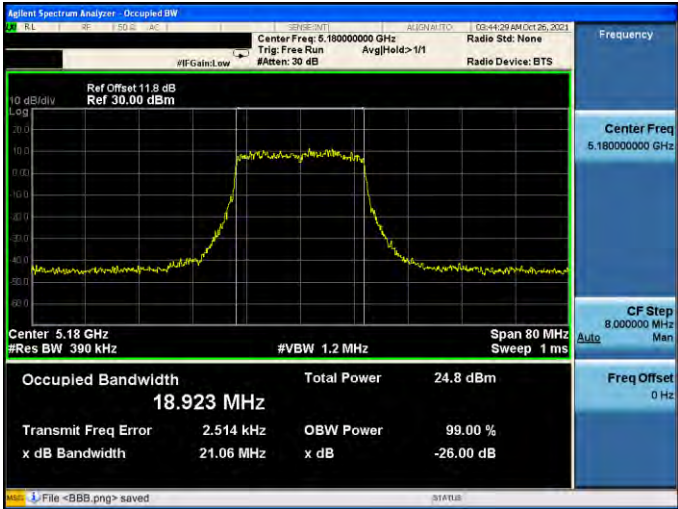
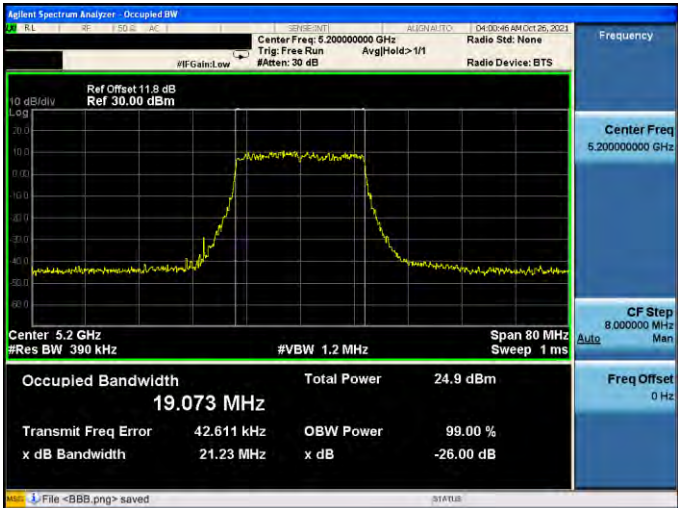
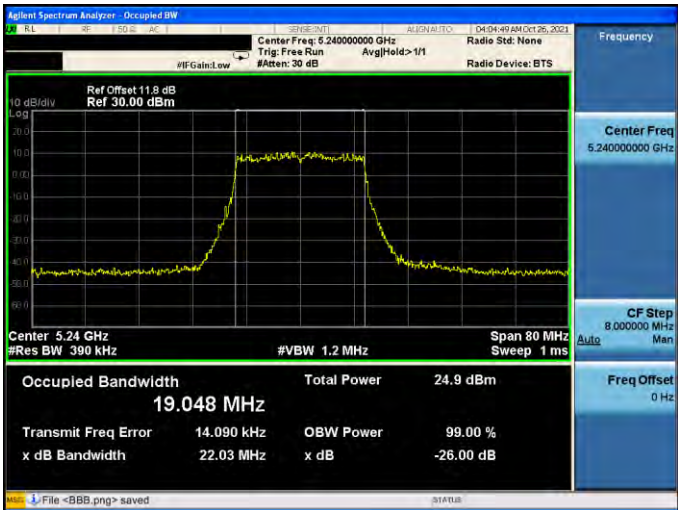
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
5260 MHz	 Occupied Bandwidth 17.785 MHz Total Power 18.3 dBm Transmit Freq Error -14.982 kHz OBW Power 99.00 % x dB Bandwidth 20.85 MHz x dB -26.00 dB
5280 MHz	 Occupied Bandwidth 17.784 MHz Total Power 18.0 dBm Transmit Freq Error -21.921 kHz OBW Power 99.00 % x dB Bandwidth 20.79 MHz x dB -26.00 dB
5320 MHz	 Occupied Bandwidth 17.651 MHz Total Power 18.3 dBm Transmit Freq Error 7.319 kHz OBW Power 99.00 % x dB Bandwidth 20.89 MHz x dB -26.00 dB

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
5500 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.50000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.5 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.730 MHz Total Power 20.6 dBm Transmit Freq Error -32.754 kHz OBW Power 99.00 % x dB Bandwidth 20.90 MHz x dB -26.00 dB
5560 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.56000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.56 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.837 MHz Total Power 20.1 dBm Transmit Freq Error 15.521 kHz OBW Power 99.00 % x dB Bandwidth 20.85 MHz x dB -26.00 dB
5700 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.70000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.7 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.692 MHz Total Power 18.2 dBm Transmit Freq Error 47.378 kHz OBW Power 99.00 % x dB Bandwidth 20.63 MHz x dB -26.00 dB



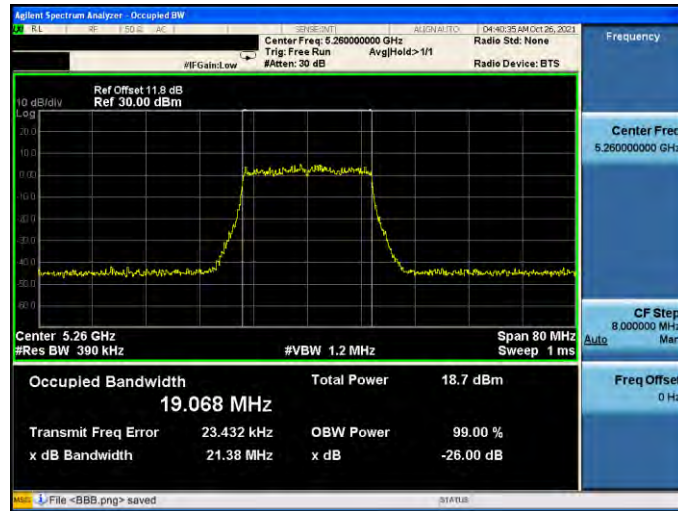
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0	
5510 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.51000000 GHz Span: 120 MHz Occupied Bandwidth: 36.112 MHz Total Power: 20.5 dBm Transmit Freq Error: -52.046 kHz OBW Power: 99.00 % x dB Bandwidth: 40.11 MHz x dB: -26.00 dB
5550 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.55000000 GHz Span: 120 MHz Occupied Bandwidth: 36.173 MHz Total Power: 23.7 dBm Transmit Freq Error: 63.818 kHz OBW Power: 99.00 % x dB Bandwidth: 40.75 MHz x dB: -26.00 dB
5670 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.67000000 GHz Span: 120 MHz Occupied Bandwidth: 36.264 MHz Total Power: 21.0 dBm Transmit Freq Error: 46.261 kHz OBW Power: 99.00 % x dB Bandwidth: 40.57 MHz x dB: -26.00 dB



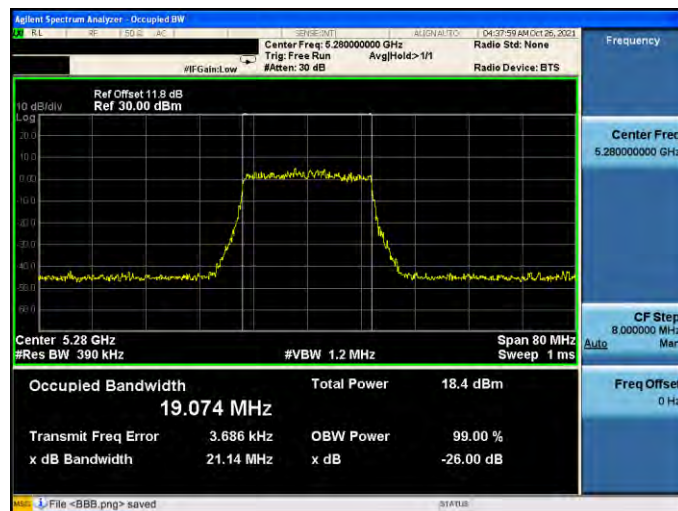
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-0	
5180 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.18 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.923 MHz Total Power 24.8 dBm Transmit Freq Error 2.514 kHz OBW Power 99.00 % x dB Bandwidth 21.06 MHz x dB -26.00 dB File <BBB.png> saved
5200 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.2 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.073 MHz Total Power 24.9 dBm Transmit Freq Error 42.611 kHz OBW Power 99.00 % x dB Bandwidth 21.23 MHz x dB -26.00 dB File <BBB.png> saved
5240 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.24 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.048 MHz Total Power 24.9 dBm Transmit Freq Error 14.090 kHz OBW Power 99.00 % x dB Bandwidth 22.03 MHz x dB -26.00 dB File <BBB.png> saved

Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-0

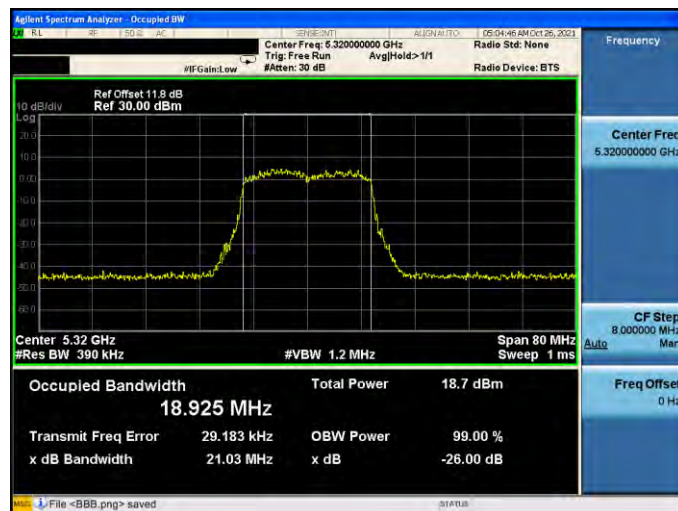
5260 MHz

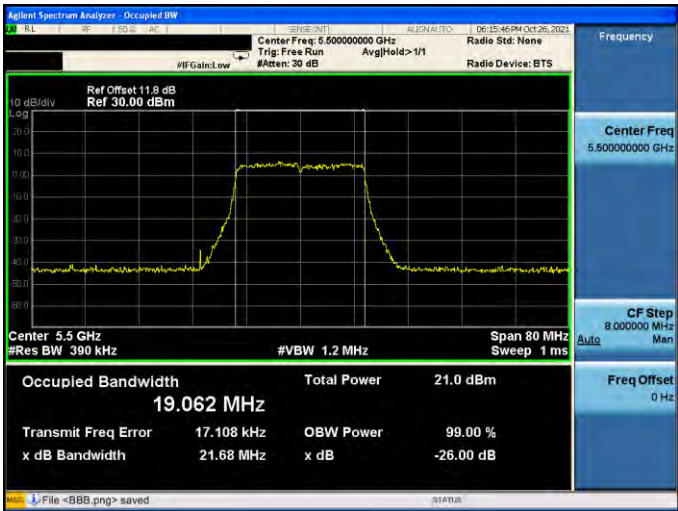
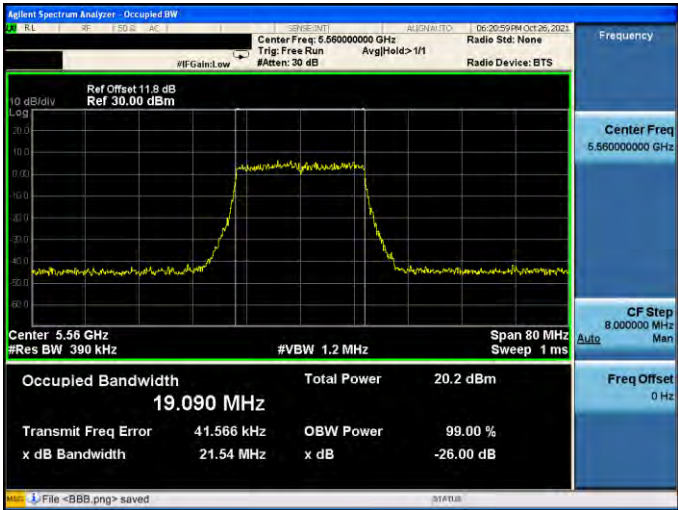
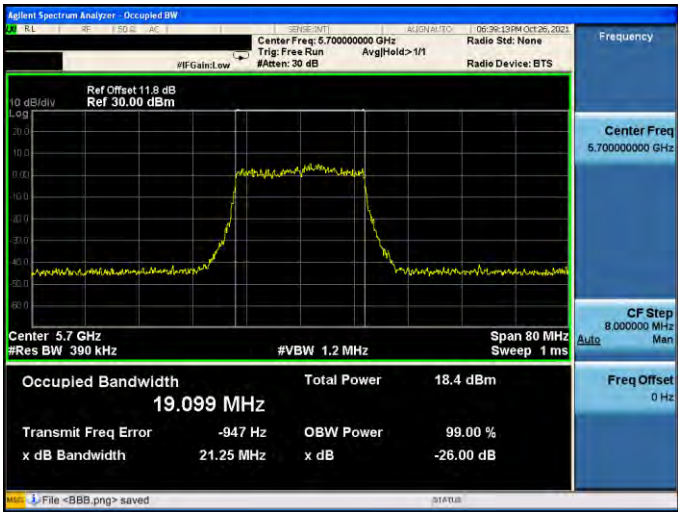


5280 MHz



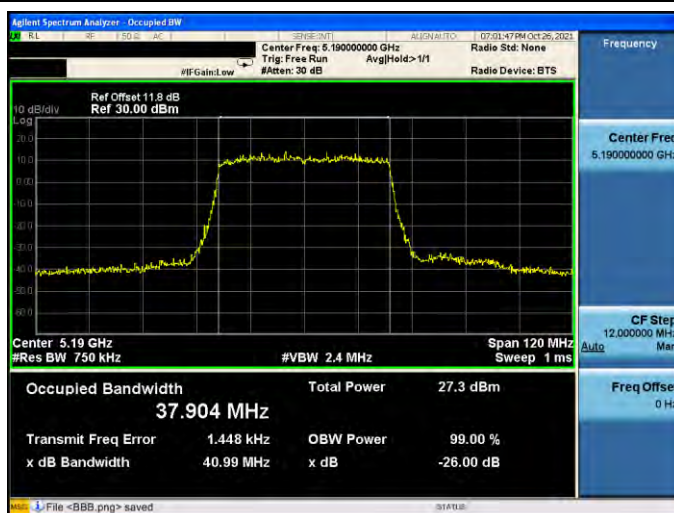
5320 MHz



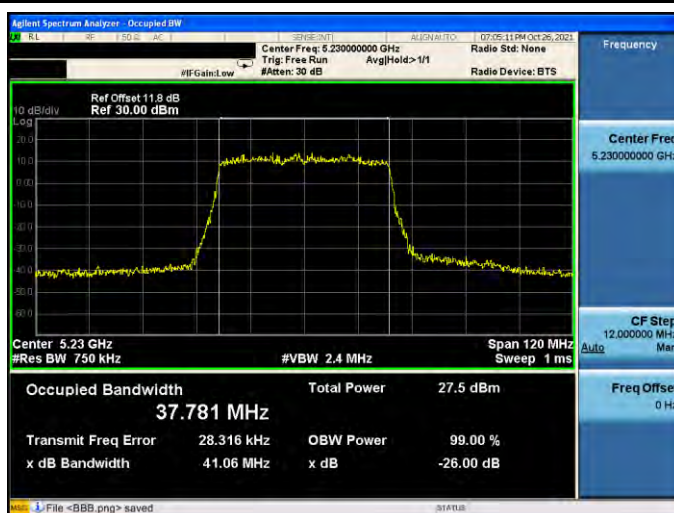
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-0	
5500 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.500000000 GHz Trig: Free Run #Atten: 30 dB Radio Std: None Radio Device: BTS Ref Offset 11.8 dB Ref 30.00 dBm Center 5.5 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.062 MHz Total Power 21.0 dBm Transmit Freq Error 17.108 kHz OBW Power 99.00 % x dB Bandwidth 21.68 MHz x dB -26.00 dB File <BBB.png> saved
5560 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.560000000 GHz Trig: Free Run #Atten: 30 dB Radio Std: None Radio Device: BTS Ref Offset 11.8 dB Ref 30.00 dBm Center 5.56 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.090 MHz Total Power 20.2 dBm Transmit Freq Error 41.566 kHz OBW Power 99.00 % x dB Bandwidth 21.54 MHz x dB -26.00 dB File <BBB.png> saved
5700 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.700000000 GHz Trig: Free Run #Atten: 30 dB Radio Std: None Radio Device: BTS Ref Offset 11.8 dB Ref 30.00 dBm Center 5.7 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 19.099 MHz Total Power 18.4 dBm Transmit Freq Error -947 Hz OBW Power 99.00 % x dB Bandwidth 21.25 MHz x dB -26.00 dB File <BBB.png> saved

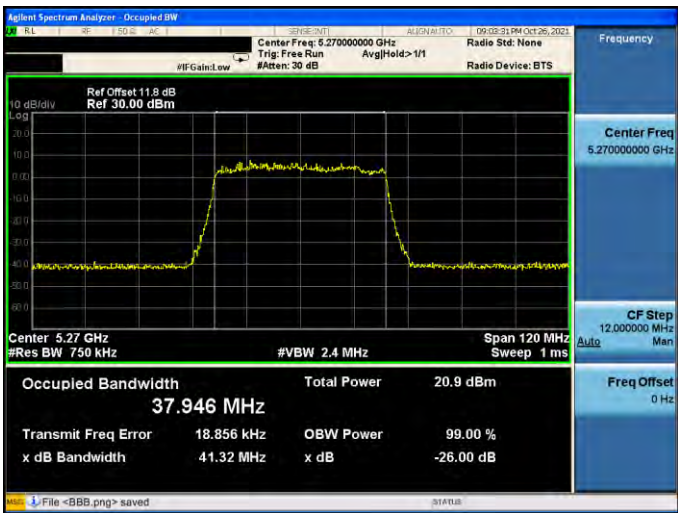
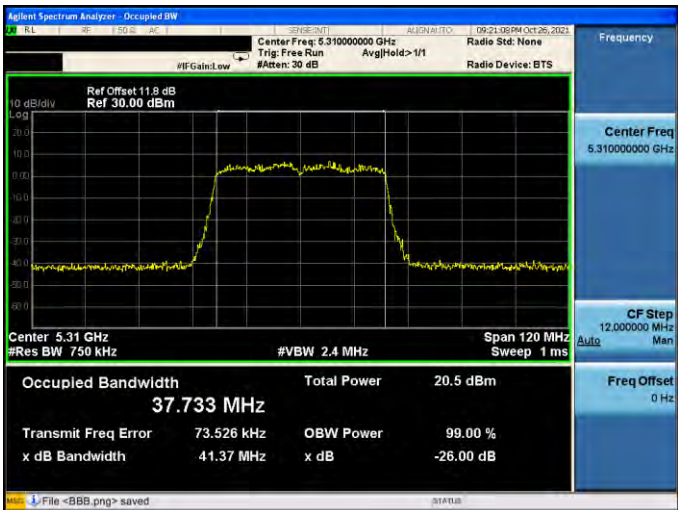
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-0

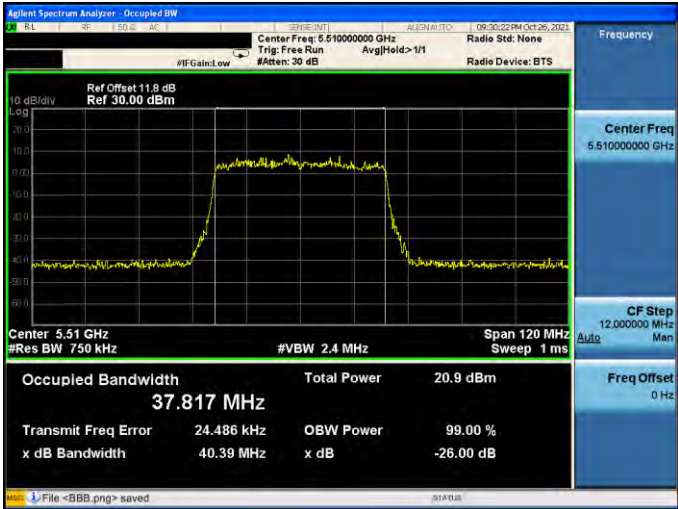
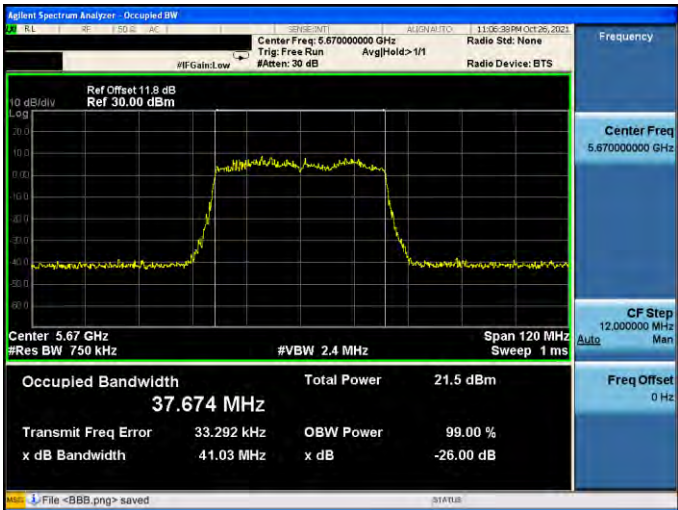
5190 MHz

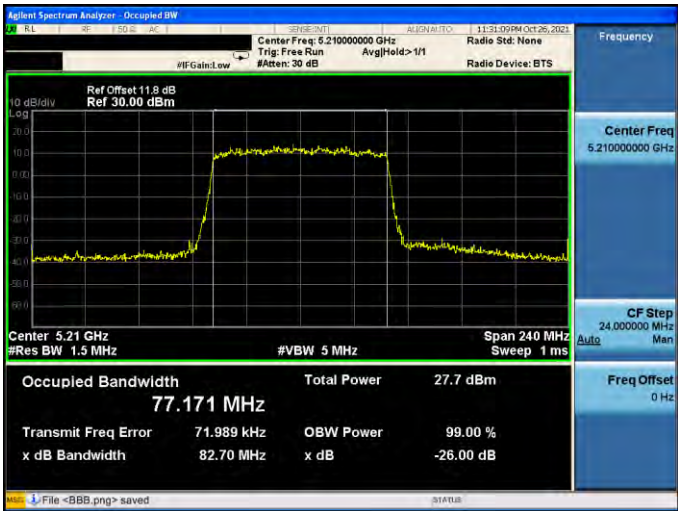
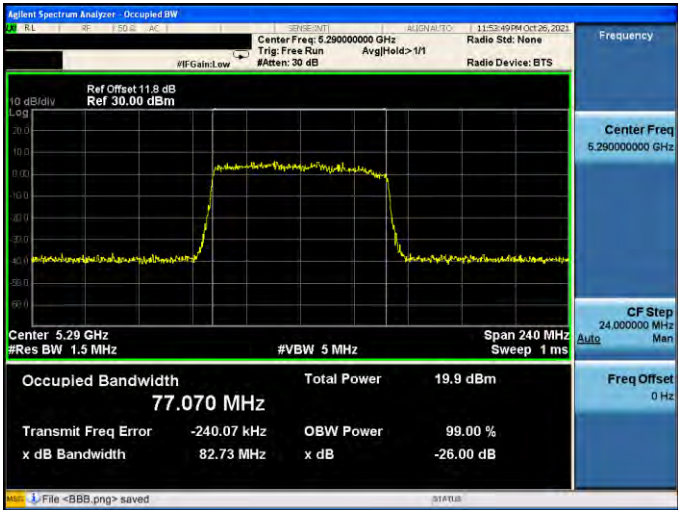
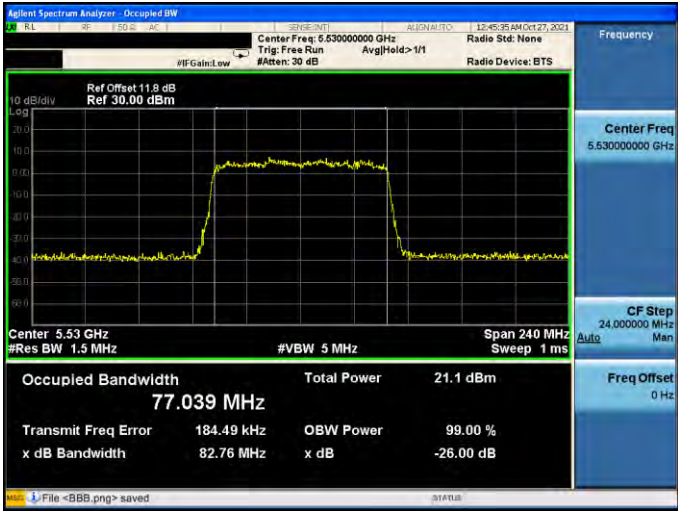


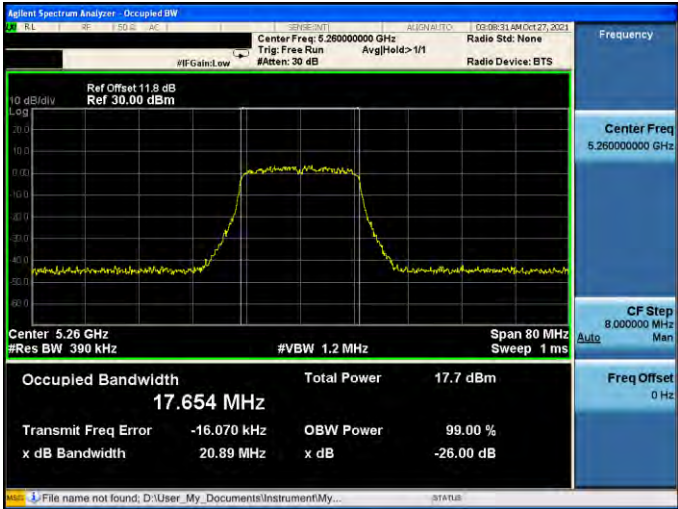
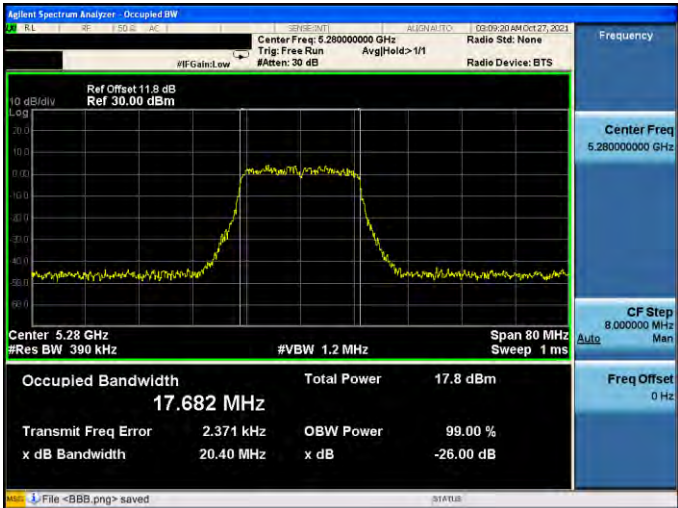
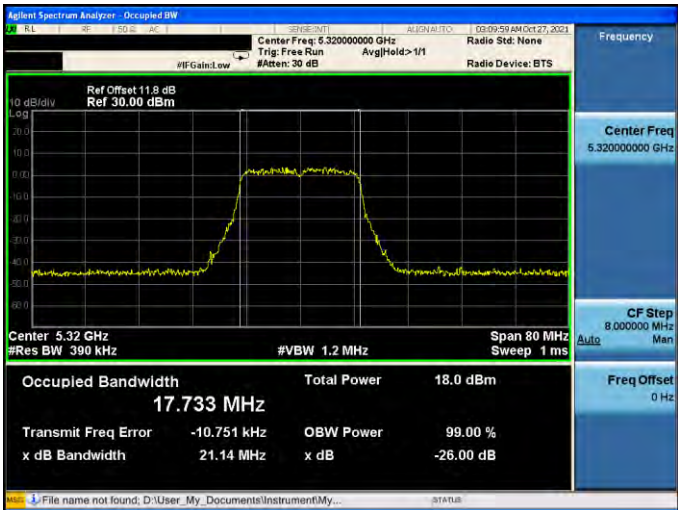
5230 MHz

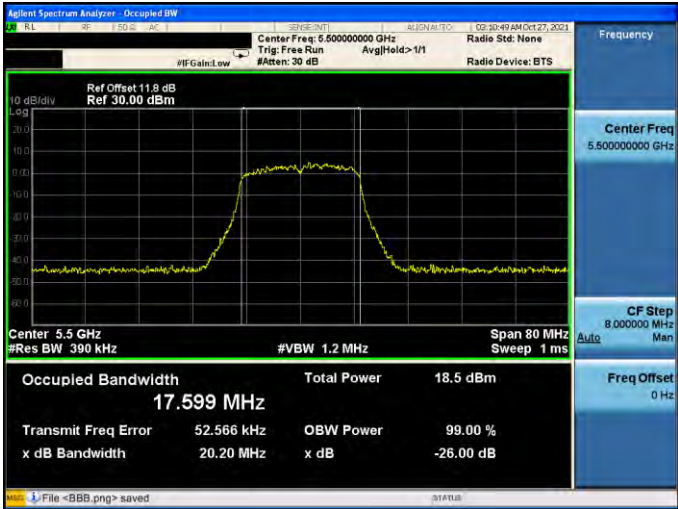
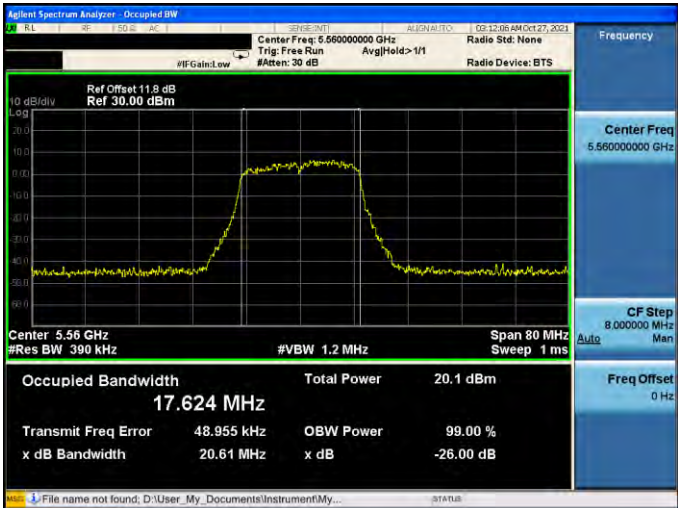
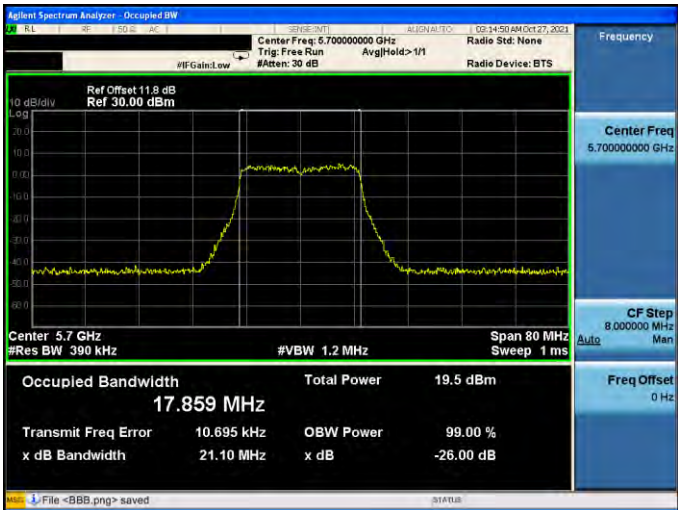


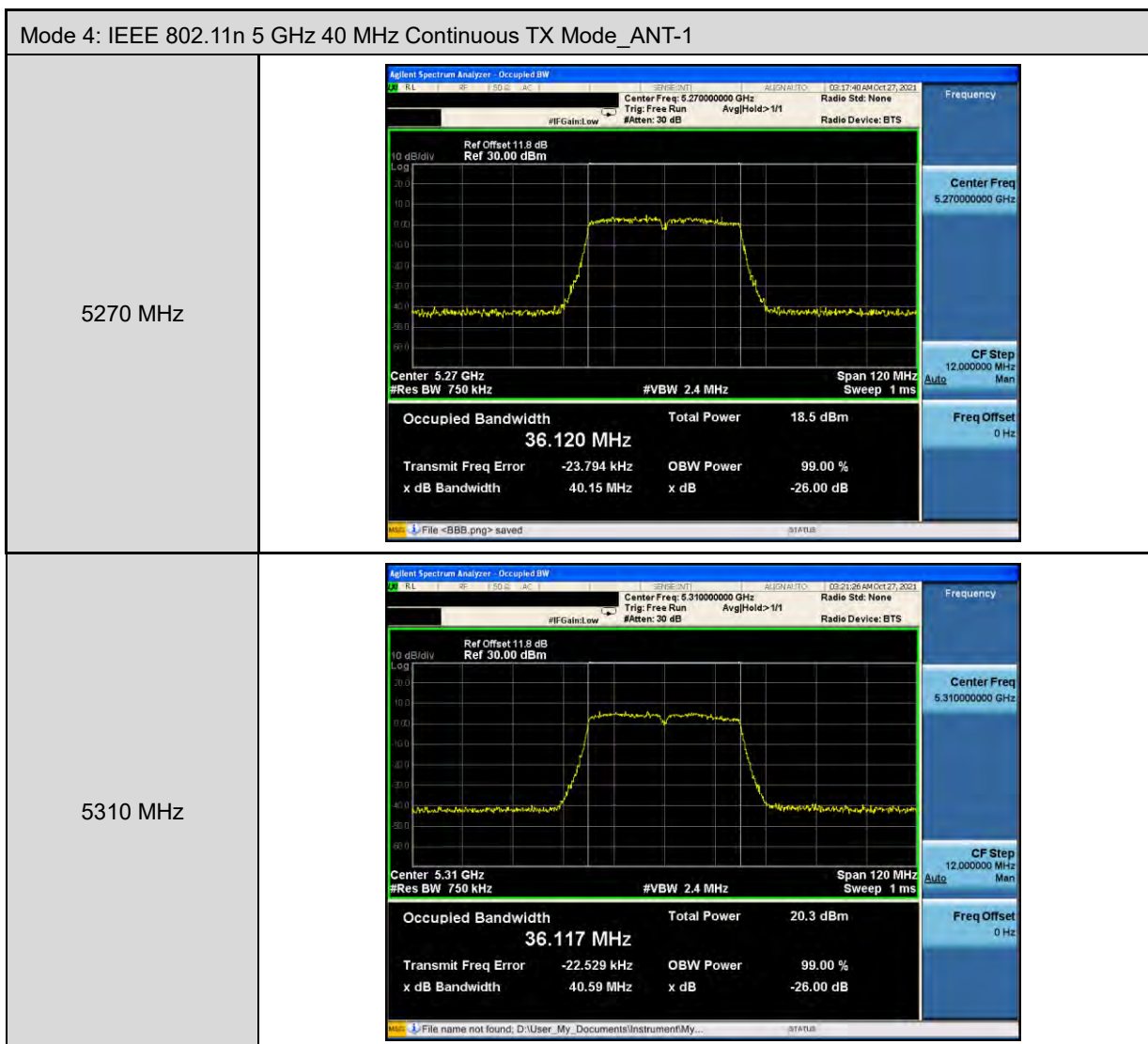
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-0	
5270 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.27000000 GHz Span: 120 MHz Occupied Bandwidth: 37.946 MHz Total Power: 20.9 dBm Transmit Freq Error: 18.856 kHz OBW Power: 99.00 % x dB Bandwidth: 41.32 MHz x dB: -26.00 dB
5310 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.31000000 GHz Span: 120 MHz Occupied Bandwidth: 37.733 MHz Total Power: 20.5 dBm Transmit Freq Error: 73.526 kHz OBW Power: 99.00 % x dB Bandwidth: 41.37 MHz x dB: -26.00 dB

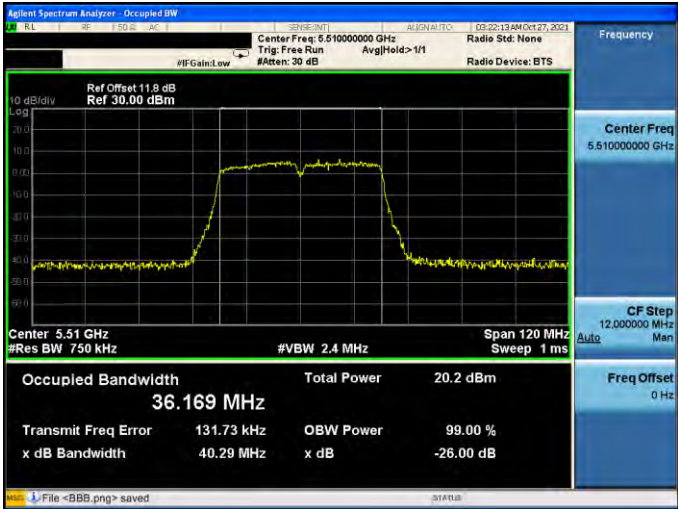
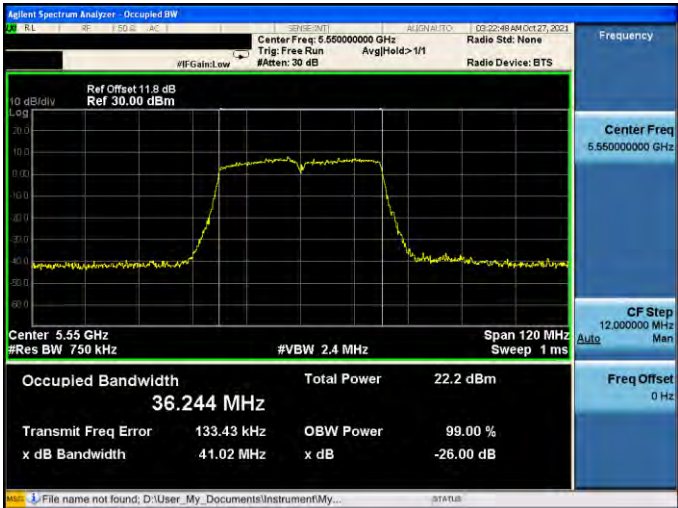
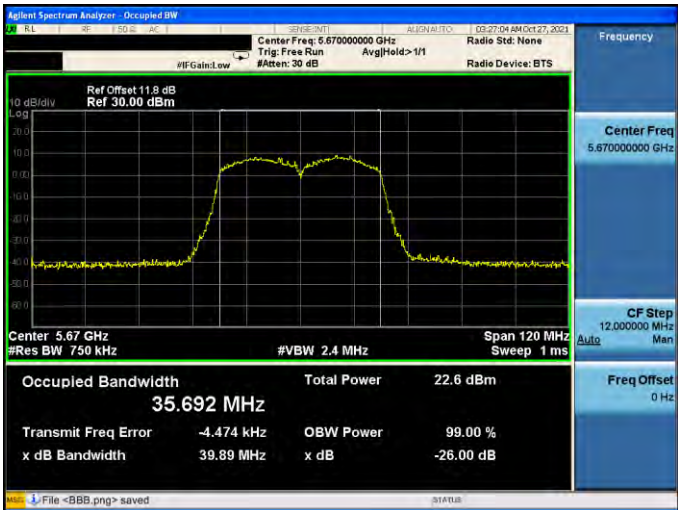
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-0	
5510 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.51000000 GHz Span: 120 MHz Occupied Bandwidth: 37.817 MHz Total Power: 20.9 dBm Transmit Freq Error: 24.486 kHz OBW Power: 99.00 % x dB Bandwidth: 40.39 MHz x dB: -26.00 dB
5550 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.55000000 GHz Span: 120 MHz Occupied Bandwidth: 38.089 MHz Total Power: 24.2 dBm Transmit Freq Error: -107.96 kHz OBW Power: 99.00 % x dB Bandwidth: 41.69 MHz x dB: -26.00 dB
5670 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.67000000 GHz Span: 120 MHz Occupied Bandwidth: 37.674 MHz Total Power: 21.5 dBm Transmit Freq Error: 33.292 kHz OBW Power: 99.00 % x dB Bandwidth: 41.03 MHz x dB: -26.00 dB

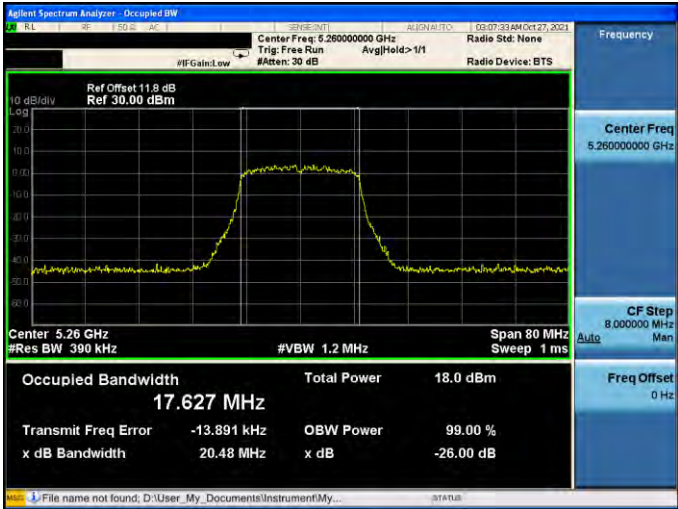
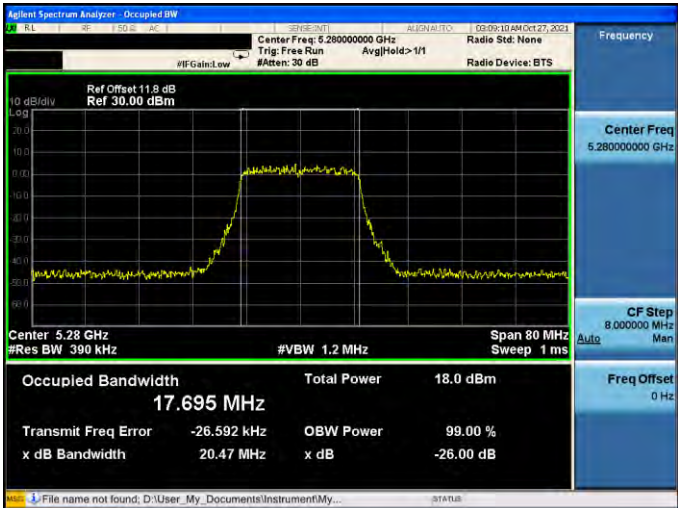
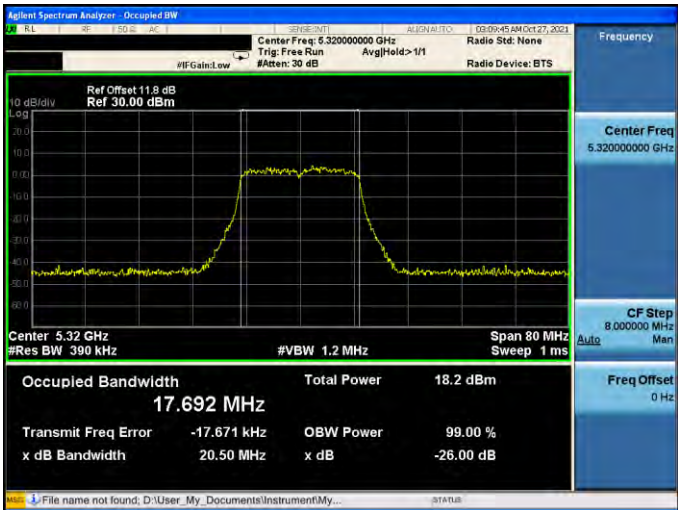
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ANT-0	
5210 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.21000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Occupied Bandwidth: 77.171 MHz Total Power: 27.7 dBm Transmit Freq Error: 71.989 kHz OBW Power: 99.00 % x dB Bandwidth: 82.70 MHz x dB: -26.00 dB
5290 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.29000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Occupied Bandwidth: 77.070 MHz Total Power: 19.9 dBm Transmit Freq Error: -240.07 kHz OBW Power: 99.00 % x dB Bandwidth: 82.73 MHz x dB: -26.00 dB
5530 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.53000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Occupied Bandwidth: 77.039 MHz Total Power: 21.1 dBm Transmit Freq Error: 184.49 kHz OBW Power: 99.00 % x dB Bandwidth: 82.76 MHz x dB: -26.00 dB

Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1	
5260 MHz	 Occupied Bandwidth 17.654 MHz Total Power 17.7 dBm Transmit Freq Error -16.070 kHz OBW Power 99.00 % x dB Bandwidth 20.89 MHz x dB -26.00 dB
5280 MHz	 Occupied Bandwidth 17.682 MHz Total Power 17.8 dBm Transmit Freq Error 2.371 kHz OBW Power 99.00 % x dB Bandwidth 20.40 MHz x dB -26.00 dB
5320 MHz	 Occupied Bandwidth 17.733 MHz Total Power 18.0 dBm Transmit Freq Error -10.751 kHz OBW Power 99.00 % x dB Bandwidth 21.14 MHz x dB -26.00 dB

Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1	
5500 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.500000000 GHz Trig: Free Run #Atten: 30 dB Radio Std: None Radio Device: BTS Ref Offset 11.8 dB Ref 30.00 dBm Center 5.5 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.599 MHz Total Power 18.5 dBm Transmit Freq Error 52.566 kHz OBW Power 99.00 % x dB Bandwidth 20.20 MHz x dB -26.00 dB File <BBB.png> saved
5560 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.560000000 GHz Trig: Free Run #Atten: 30 dB Radio Std: None Radio Device: BTS Ref Offset 11.8 dB Ref 30.00 dBm Center 5.56 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.624 MHz Total Power 20.1 dBm Transmit Freq Error 48.955 kHz OBW Power 99.00 % x dB Bandwidth 20.61 MHz x dB -26.00 dB File name not found, D:\User_My_Documents\InstrumentMy...
5700 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.700000000 GHz Trig: Free Run #Atten: 30 dB Radio Std: None Radio Device: BTS Ref Offset 11.8 dB Ref 30.00 dBm Center 5.7 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.859 MHz Total Power 19.5 dBm Transmit Freq Error 10.695 kHz OBW Power 99.00 % x dB Bandwidth 21.10 MHz x dB -26.00 dB File <BBB.png> saved

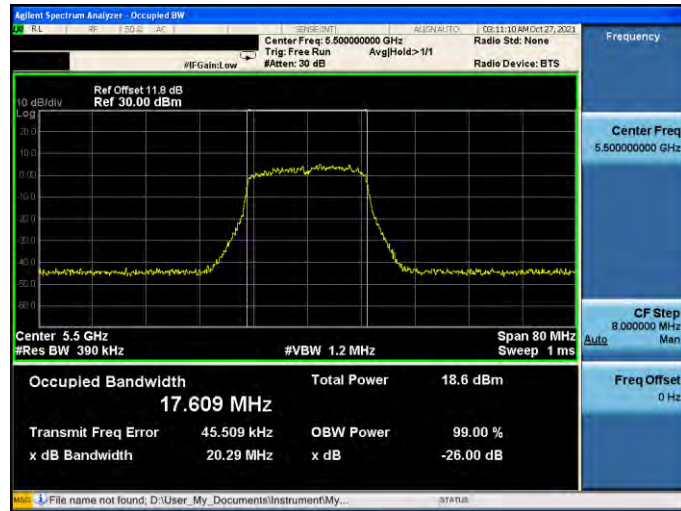


Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1	
5510 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.51000000 GHz Span: 120 MHz Occupied Bandwidth: 36.169 MHz Total Power: 20.2 dBm Transmit Freq Error: 131.73 kHz OBW Power: 99.00 % x dB Bandwidth: 40.29 MHz x dB: -26.00 dB
5550 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.55000000 GHz Span: 120 MHz Occupied Bandwidth: 36.244 MHz Total Power: 22.2 dBm Transmit Freq Error: 133.43 kHz OBW Power: 99.00 % x dB Bandwidth: 41.02 MHz x dB: -26.00 dB
5670 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.67000000 GHz Span: 120 MHz Occupied Bandwidth: 35.692 MHz Total Power: 22.6 dBm Transmit Freq Error: -4.474 kHz OBW Power: 99.00 % x dB Bandwidth: 39.89 MHz x dB: -26.00 dB

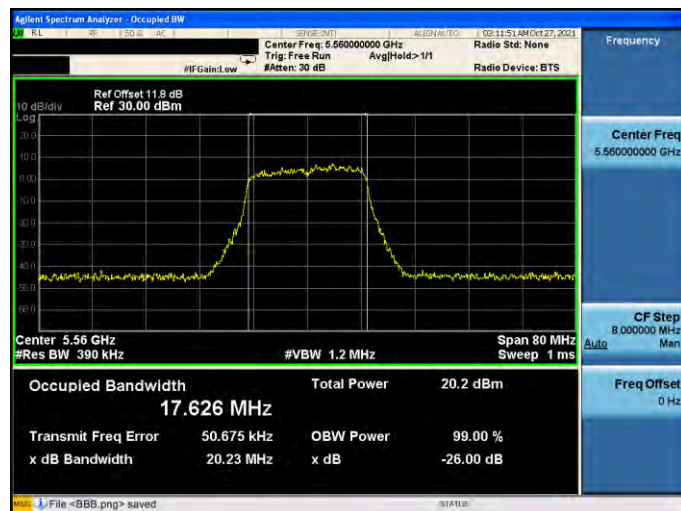
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1	
5260 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.26000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.26 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.627 MHz Total Power 18.0 dBm Transmit Freq Error -13.891 kHz OBW Power 99.00 % x dB Bandwidth 20.48 MHz x dB -26.00 dB
5280 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.28000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.28 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.695 MHz Total Power 18.0 dBm Transmit Freq Error -26.592 kHz OBW Power 99.00 % x dB Bandwidth 20.47 MHz x dB -26.00 dB
5320 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.32000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.32 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.692 MHz Total Power 18.2 dBm Transmit Freq Error -17.671 kHz OBW Power 99.00 % x dB Bandwidth 20.50 MHz x dB -26.00 dB

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

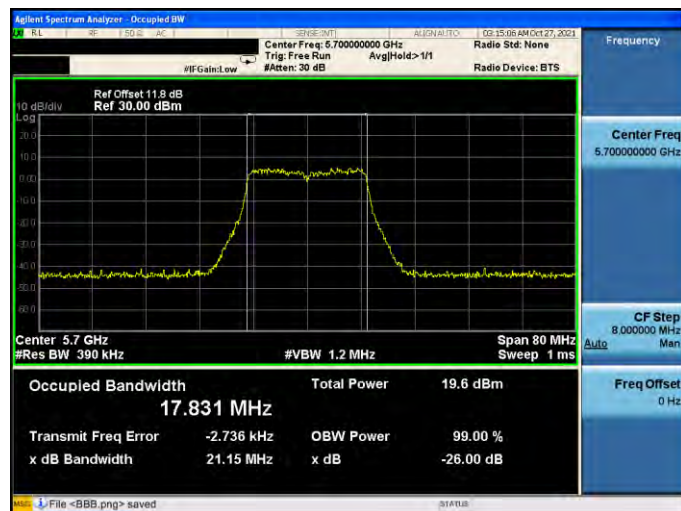
5500 MHz



5560 MHz

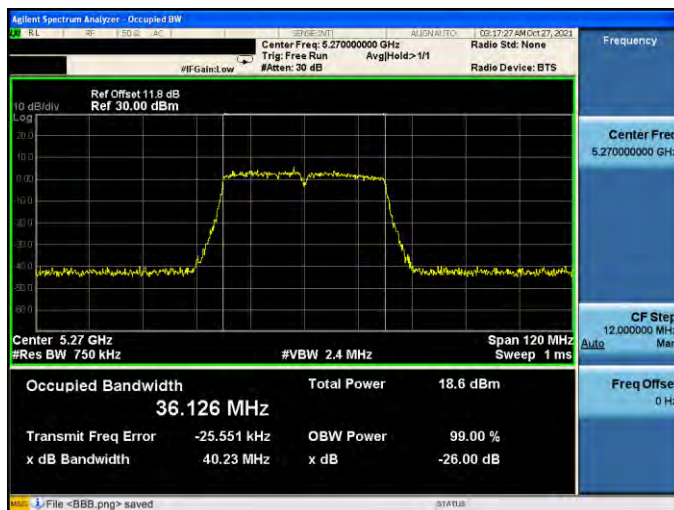


5700 MHz

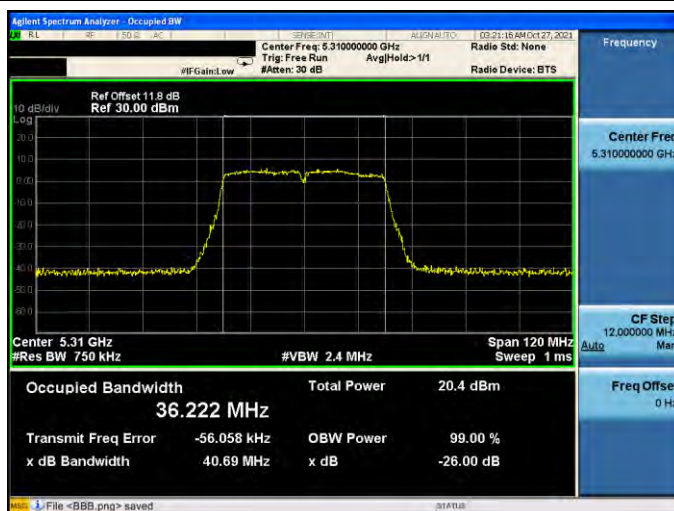


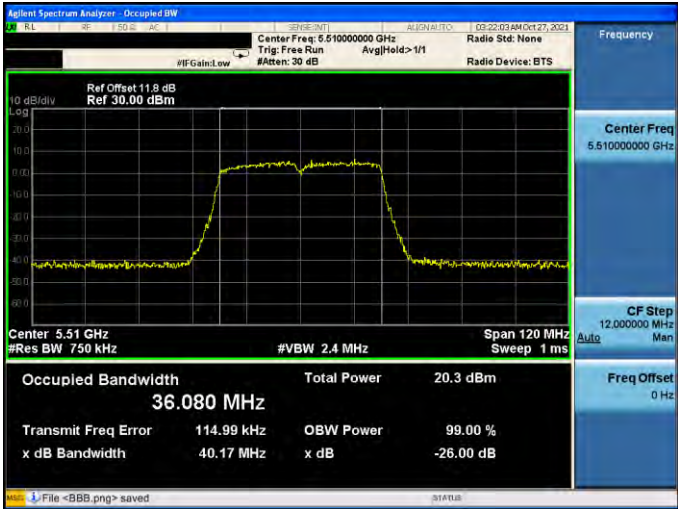
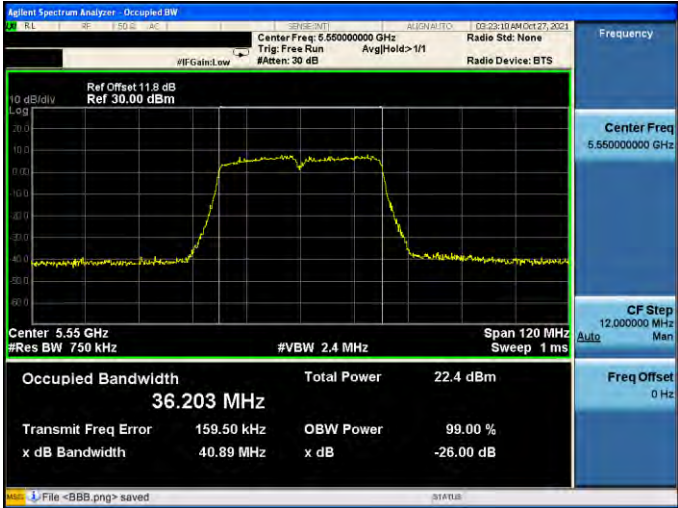
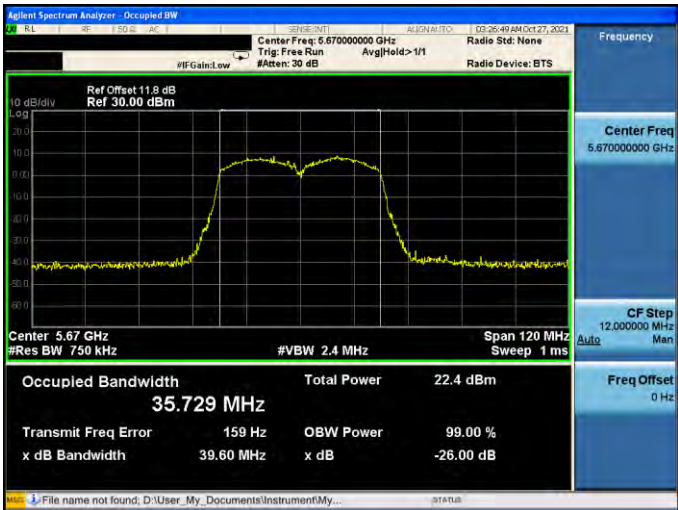
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1

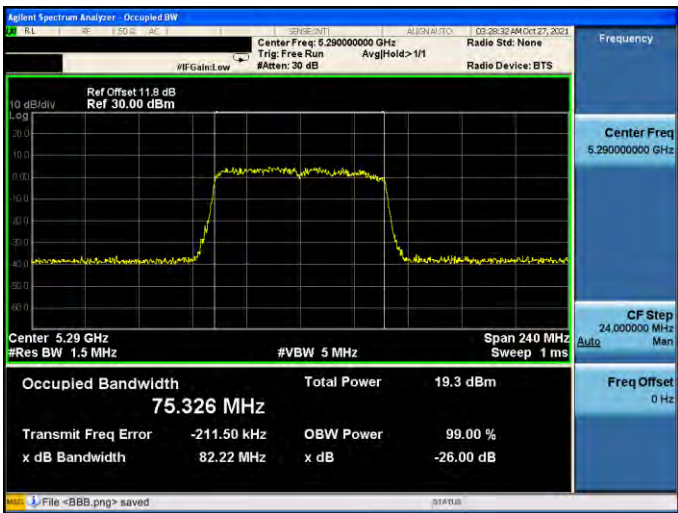
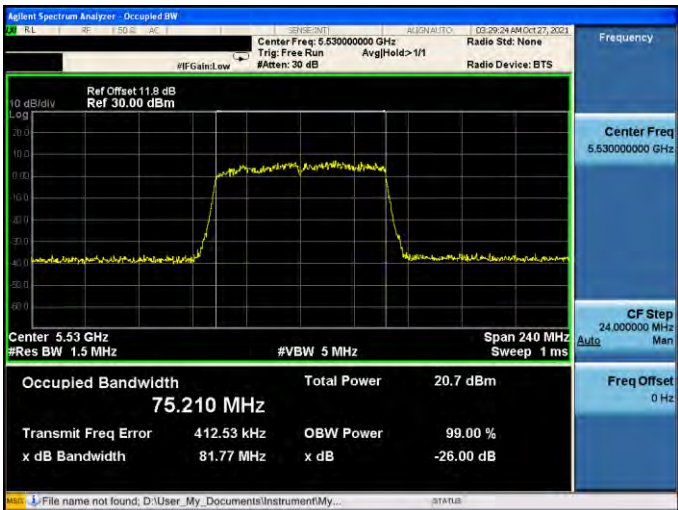
5270 MHz



5310 MHz

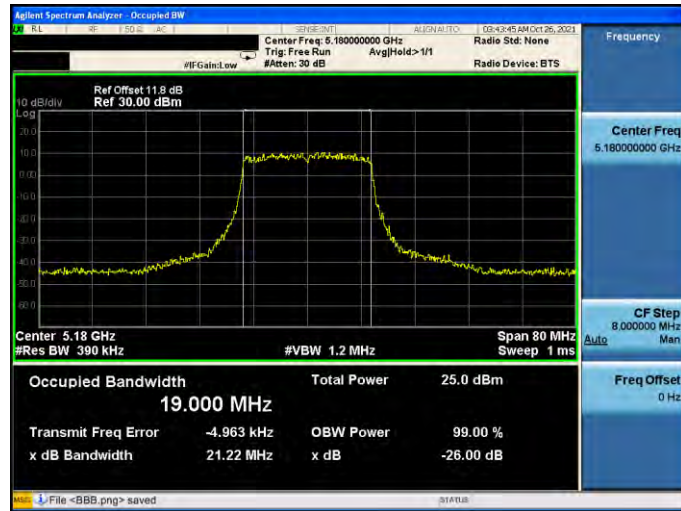


Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1	
5510 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.51000000 GHz Trig: Free Run #Atten: 30 dB Radio Std: None Radio Device: BTS Ref Offset 11.8 dB Ref 30.00 dBm Center 5.51 GHz #Res BW 750 kHz #VBW 2.4 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth 36.080 MHz Total Power 20.3 dBm Transmit Freq Error 114.99 kHz OBW Power 99.00 % x dB Bandwidth 40.17 MHz x dB -26.00 dB File <BBB.png> saved
5550 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.55000000 GHz Trig: Free Run #Atten: 30 dB Radio Std: None Radio Device: BTS Ref Offset 11.8 dB Ref 30.00 dBm Center 5.55 GHz #Res BW 750 kHz #VBW 2.4 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth 36.203 MHz Total Power 22.4 dBm Transmit Freq Error 159.50 kHz OBW Power 99.00 % x dB Bandwidth 40.89 MHz x dB -26.00 dB File <BBB.png> saved
5670 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.67000000 GHz Trig: Free Run #Atten: 30 dB Radio Std: None Radio Device: BTS Ref Offset 11.8 dB Ref 30.00 dBm Center 5.67 GHz #Res BW 750 kHz #VBW 2.4 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth 35.729 MHz Total Power 22.4 dBm Transmit Freq Error 159 Hz OBW Power 99.00 % x dB Bandwidth 39.60 MHz x dB -26.00 dB File name not found; D:\User_My_Documents\InstrumentMy...

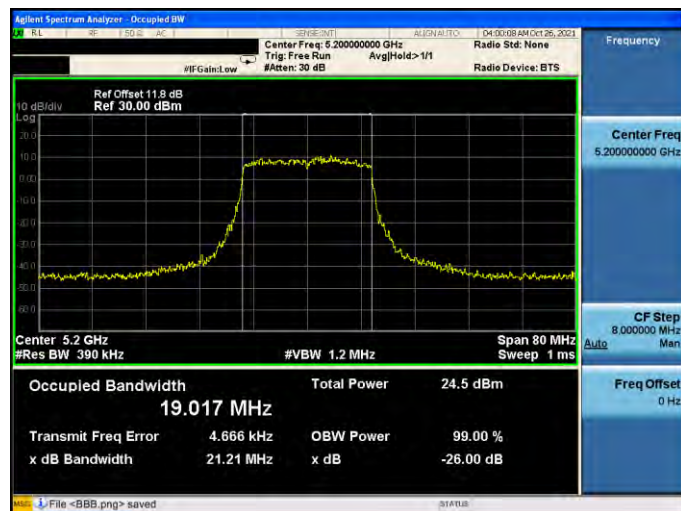
Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-1	
5290 MHz	
5530 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-1

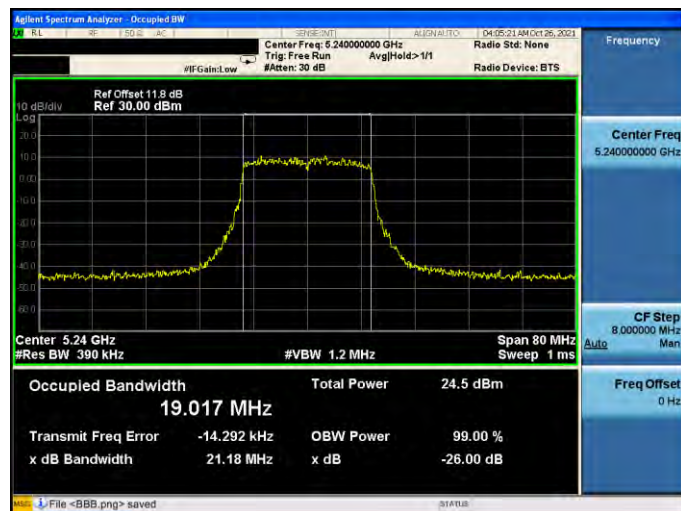
5180 MHz



5200 MHz

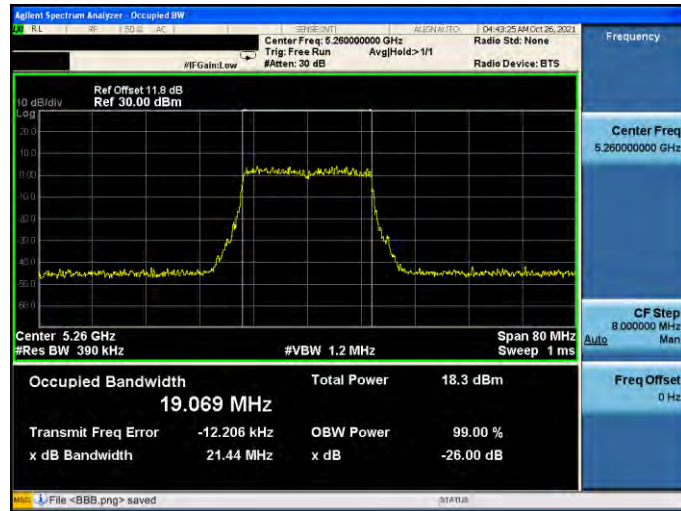


5240 MHz

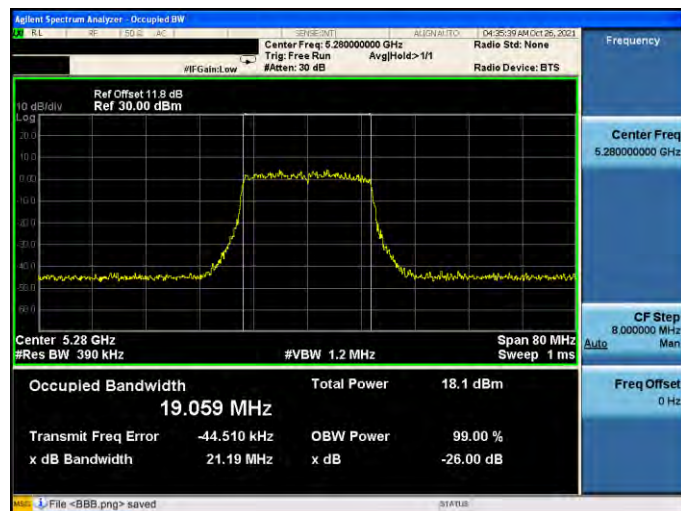


Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-1

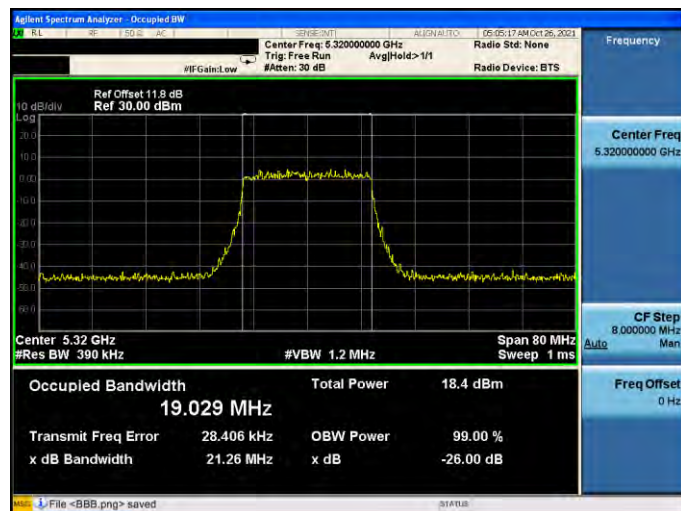
5260 MHz



5280 MHz

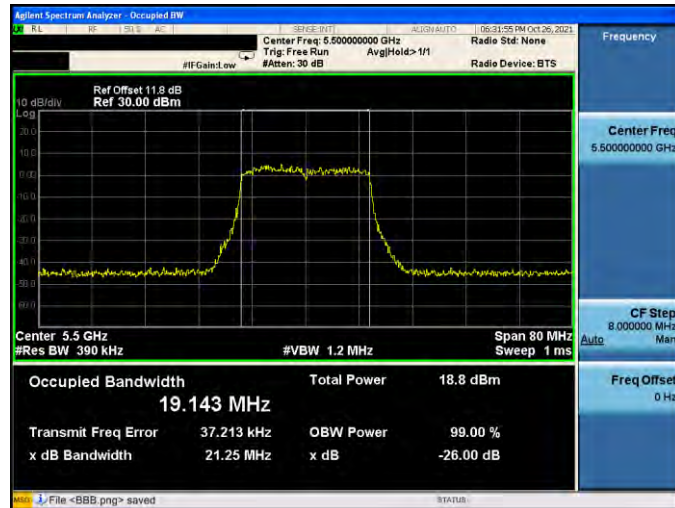


5320 MHz

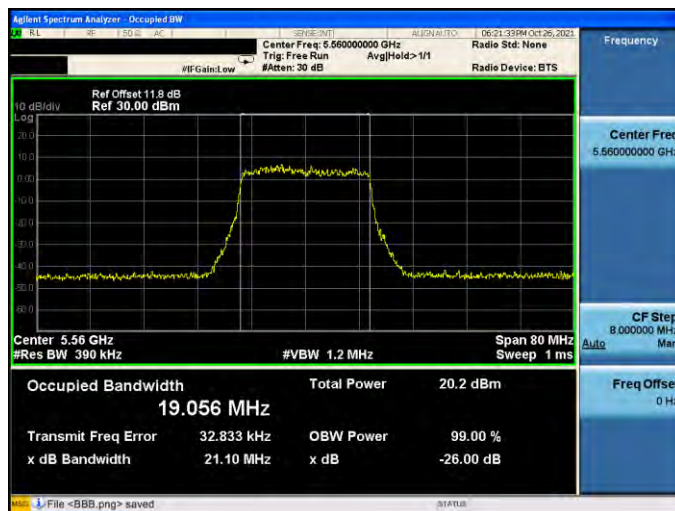


Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-1

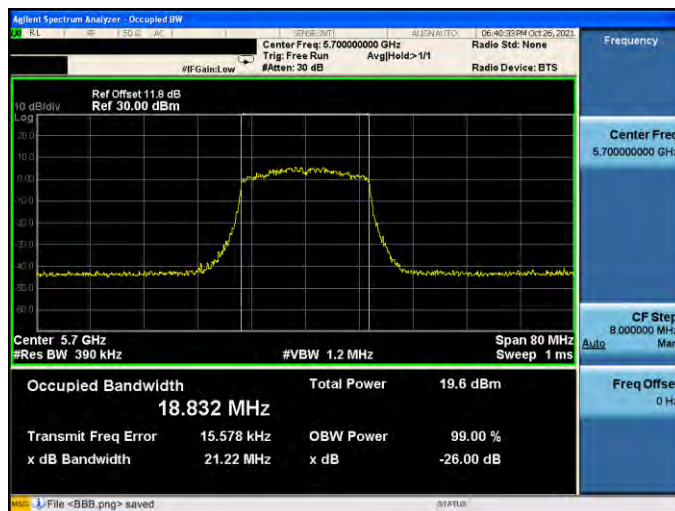
5500 MHz

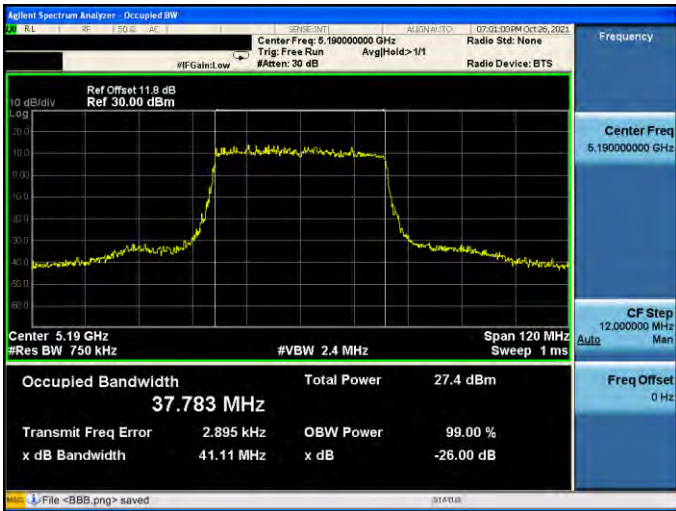
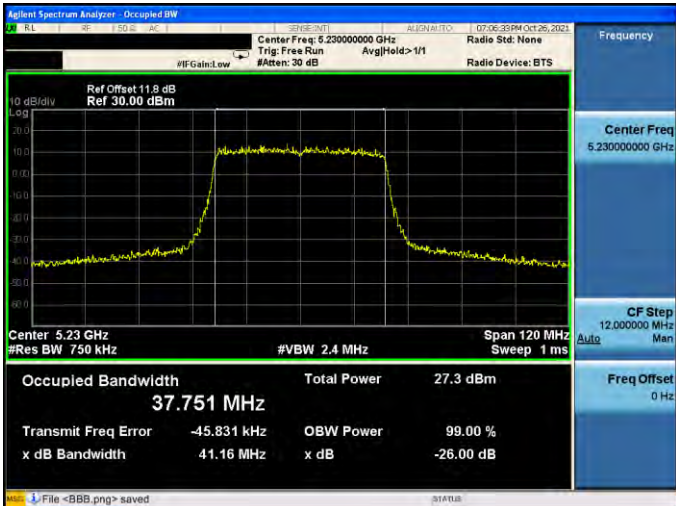


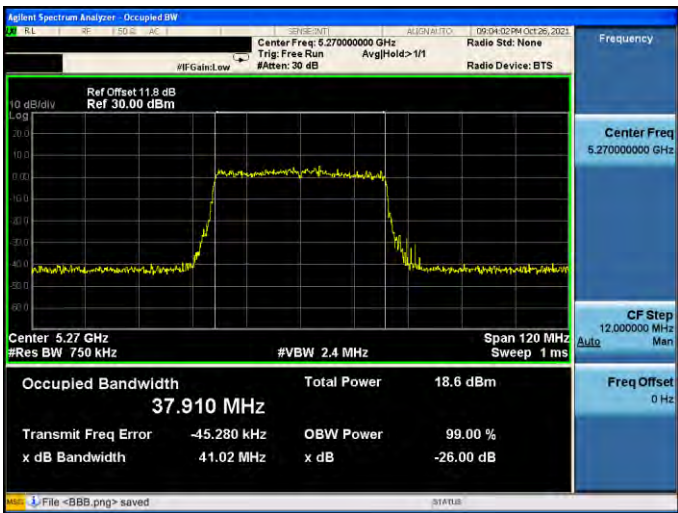
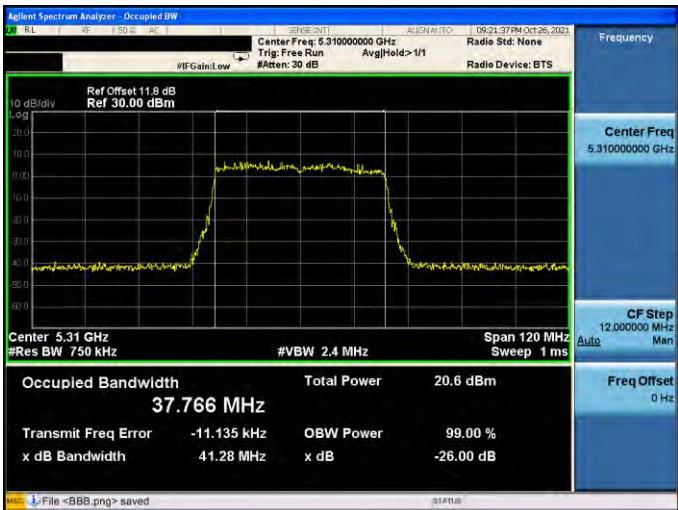
5560 MHz



5700 MHz

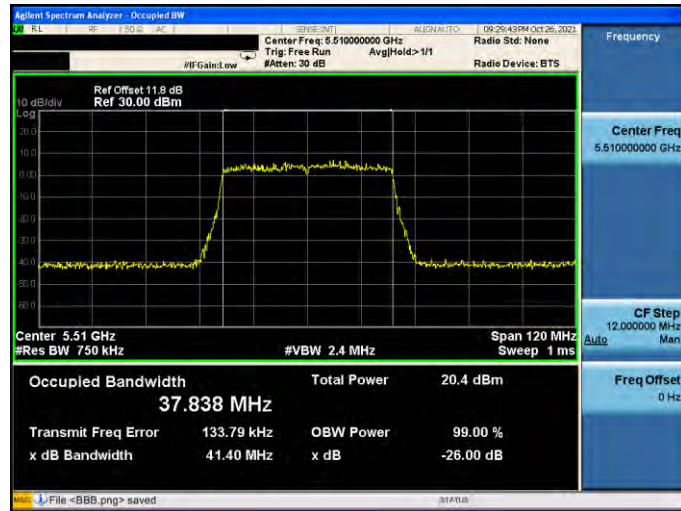


Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-1	
5190 MHz	
5230 MHz	

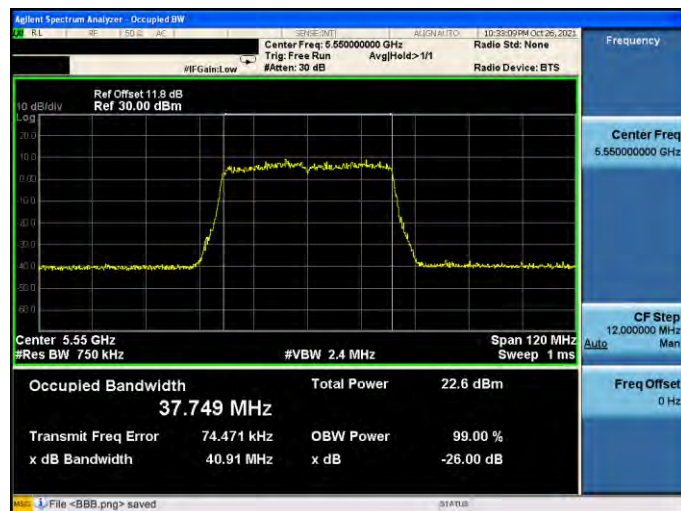
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-1	
5270 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.27000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.27 GHz #Res BW 750 kHz #VBW 2.4 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth 37.910 MHz Total Power 18.6 dBm Transmit Freq Error -45.280 kHz OBW Power 99.00 % x dB Bandwidth 41.02 MHz x dB -26.00 dB File <BBB.png> saved
5310 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.31000000 GHz Ref Offset 11.8 dB Ref 30.00 dBm Center 5.31 GHz #Res BW 750 kHz #VBW 2.4 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth 37.766 MHz Total Power 20.6 dBm Transmit Freq Error -11.135 kHz OBW Power 99.00 % x dB Bandwidth 41.28 MHz x dB -26.00 dB File <BBB.png> saved

Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-1

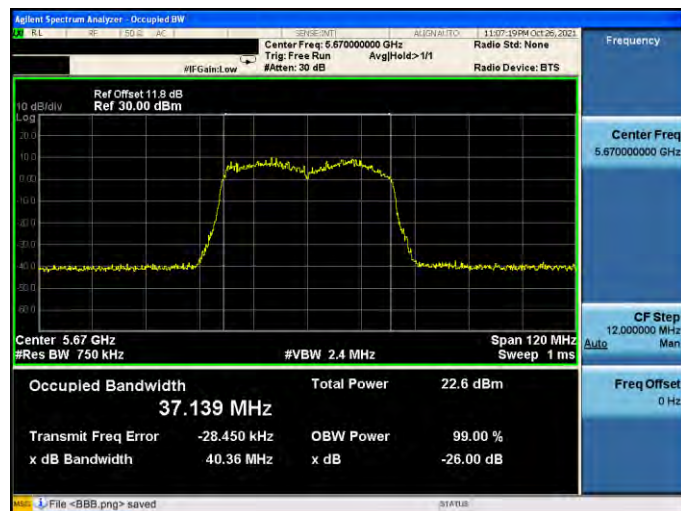
5510 MHz



5550 MHz



5670 MHz

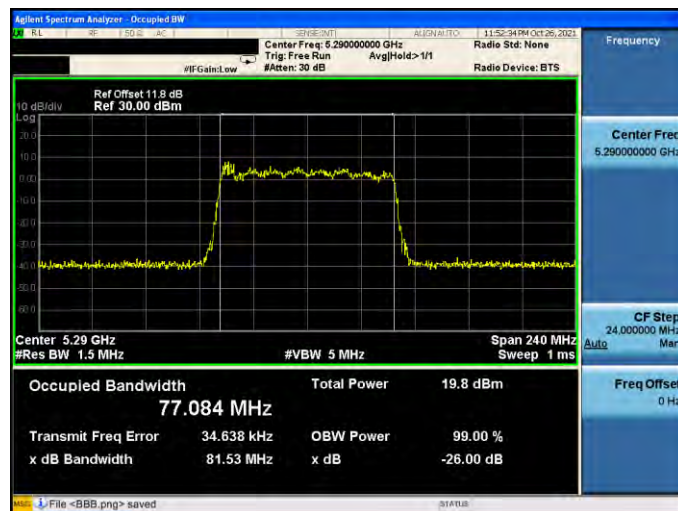


Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ANT-1

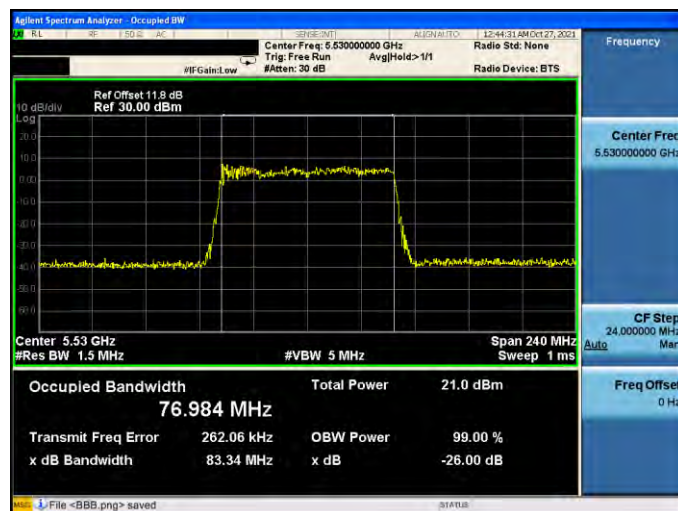
5210 MHz



5290 MHz

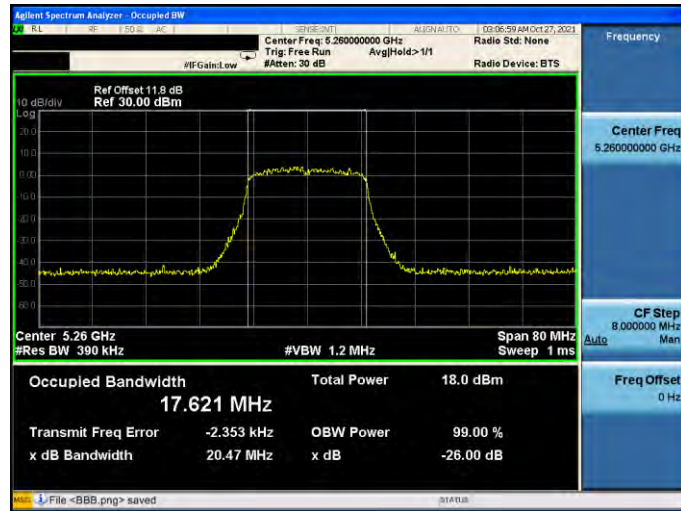


5530 MHz

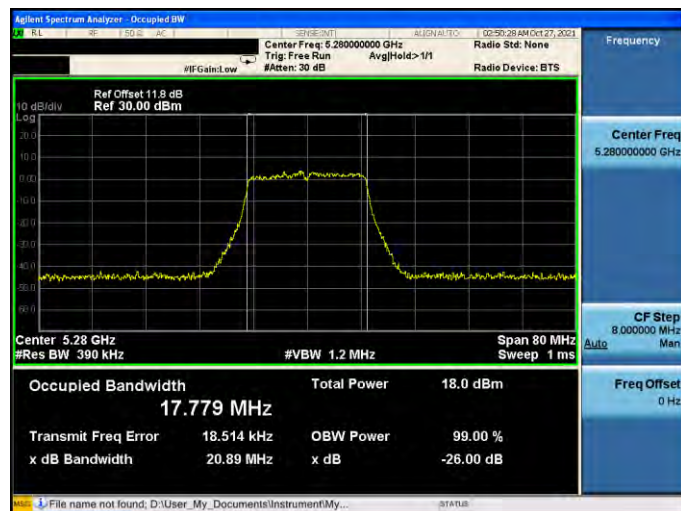


Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-2

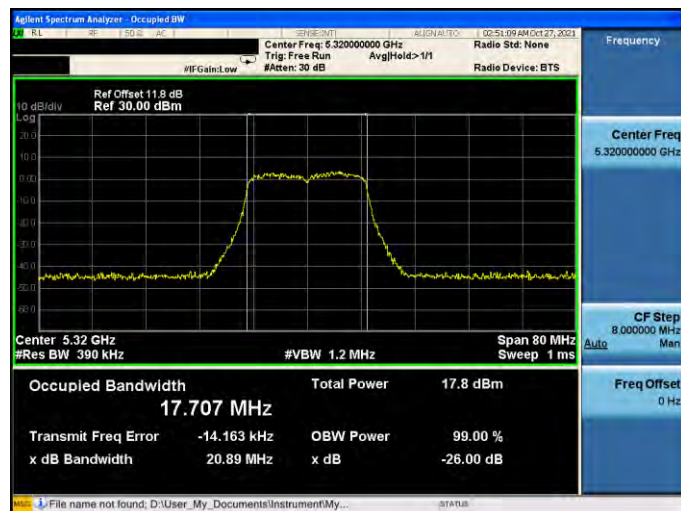
5260 MHz

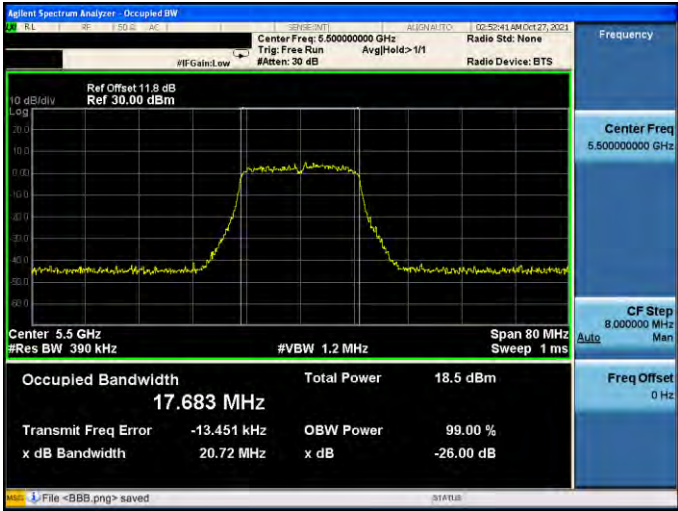
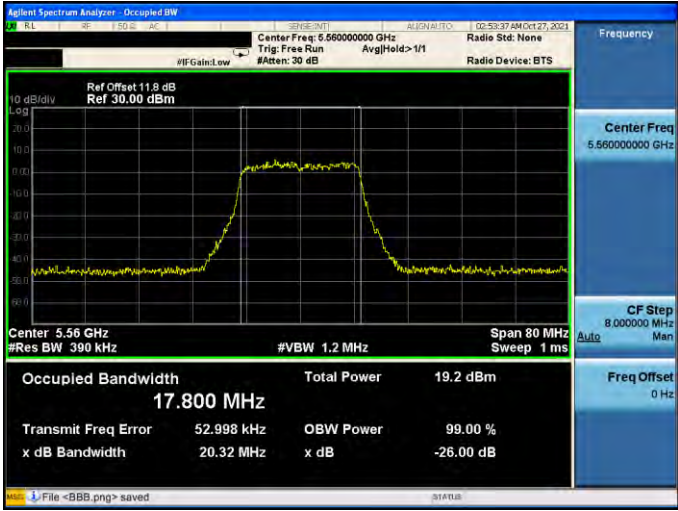
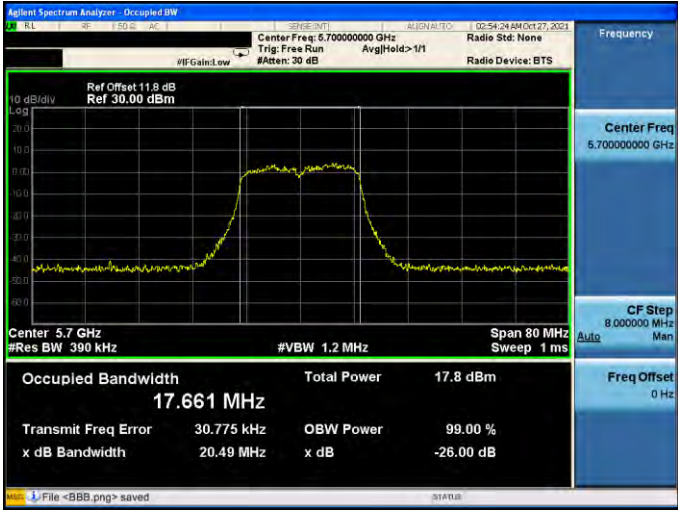


5280 MHz



5320 MHz



Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-2	
5500 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.50000000 GHz Trig: Free Run #Atten: 30 dB Radio Std: None Radio Device: BTS Ref Offset 11.8 dB Ref 30.00 dBm Center 5.5 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.683 MHz Total Power 18.5 dBm Transmit Freq Error -13.451 kHz OBW Power 99.00 % x dB Bandwidth 20.72 MHz x dB -26.00 dB File <BBB.png> saved
5560 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.56000000 GHz Trig: Free Run #Atten: 30 dB Radio Std: None Radio Device: BTS Ref Offset 11.8 dB Ref 30.00 dBm Center 5.56 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.800 MHz Total Power 19.2 dBm Transmit Freq Error 52.998 kHz OBW Power 99.00 % x dB Bandwidth 20.32 MHz x dB -26.00 dB File <BBB.png> saved
5700 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.70000000 GHz Trig: Free Run #Atten: 30 dB Radio Std: None Radio Device: BTS Ref Offset 11.8 dB Ref 30.00 dBm Center 5.7 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.661 MHz Total Power 17.8 dBm Transmit Freq Error 30.775 kHz OBW Power 99.00 % x dB Bandwidth 20.49 MHz x dB -26.00 dB File <BBB.png> saved

Report Number: USRC238169002
Version: 00