5.3 Conducted Test Results

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 2	5180	19	19	19	19	Putty
	5200	22	22	22	22	
	5240	22	22	22	22	
	5745	23	23	23	23	
	5785	23	23	23	23	
	5825	23	23	23	23	
Mode 3	5180	19	19	19	19	
	5200	23	23	23	23	
	5240	23	23	23	23	
	5745	23	23	23	23	
	5785	23	23	23	23	
	5825	23	23	23	23	
Mode 4	5190	15	15	15	15	
	5230	18	18	18	18	
	5755	22	22	22	22	
	5795	23	23	23	23	
Mode 5	5180	19	19	19	19	
	5200	23	23	23	23	
	5240	23	23	23	23	
	5745	23	23	23	23	
	5785	22	23	22	22	
	5825	23	23	23	23	
Mode 6	5190	15	15	15	15	
	5230	18	18	18	18	
	5755	22	22	22	22	
	5795	23	23	23	23	
Mode 7	5210	16	16	16	16	
	5775	23	23	23	23	
Mode 8	5180	19	19	19	19	
	5200	23	23	23	23	
	5240	23	23	23	23	
	5745	23	23	23	23	
	5785	23	23	23	23	
	5825	23	23	23	23	
Mode 9	5190	15	15	15	15	
	5230	18	18	18	18	
	5755	22	22	22	22	
	5795	23	23	23	23	
Mode 10	5210	16	16	16	16	
	5775	22	22	22	22	

Beamforming on

Test Mode	Frequency (MHz)	RF Power setting in Test Software				Test Software Version
		ANT-0	ANT-1	ANT-2	ANT-3	
Mode 3	5180	19	19	19	19	Putty
	5200	23	23	23	23	
	5240	23	23	23	23	
	5745	23	23	23	23	
	5785	23	23	23	23	
	5825	23	23	23	23	
Mode 4	5190	15	15	15	15	
	5230	18	18	18	18	
	5755	22	22	22	22	
	5795	23	23	23	23	
Mode 5	5180	19	19	19	19	
	5200	23	23	23	23	
	5240	23	23	23	23	
	5745	23	23	23	23	
	5785	22	23	22	22	
	5825	23	23	23	23	
Mode 6	5190	15	15	15	15	
	5230	18	18	18	18	
	5755	22	22	22	22	
	5795	23	23	23	23	
Mode 7	5210	16	16	16	16	
	5775	23	23	23	23	
Mode 8	5180	19	19	19	19	
	5200	23	23	23	23	
	5240	23	23	23	23	
	5745	23	23	23	23	
	5785	23	23	23	23	
	5825	23	23	23	23	
Mode 9	5190	15	15	15	15	
	5230	18	18	18	18	
	5755	22	22	22	22	
	5795	23	23	23	23	
Mode 10	5210	16	16	16	16	
	5775	22	22	22	22	

Test Mode	Data Rate	Frequency (MHz)	ANT-0		ANT-1		ANT-2		ANT-3		ANT-0+1+2+3		Limit (dBm)
			(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
Mode 2	6 M	5180	16.36	0.043	15.79	0.038	16.17	0.041	15.20	0.033	21.92	0.156	≤ 30.00
		5200	19.28	0.085	20.18	0.104	18.95	0.079	20.25	0.106	25.72	0.373	≤ 30.00
		5240	19.09	0.081	20.35	0.108	19.03	0.080	20.42	0.110	25.79	0.379	≤ 30.00
		5745	22.10	0.162	20.76	0.119	22.50	0.178	20.95	0.124	27.66	0.583	≤ 30.00
		5785	22.70	0.186	20.85	0.122	22.31	0.170	20.49	0.112	27.71	0.590	≤ 30.00
		5825	21.74	0.149	20.51	0.112	21.54	0.143	20.67	0.117	27.17	0.521	≤ 30.00
Mode 3	26 M	5180	16.20	0.042	14.90	0.031	14.81	0.030	14.44	0.028	21.16	0.131	≤ 30.00
		5200	20.48	0.112	20.03	0.101	19.69	0.093	20.07	0.102	26.10	0.407	≤ 30.00
		5240	19.88	0.097	19.47	0.089	20.04	0.101	20.01	0.100	25.88	0.387	≤ 30.00
		5745	21.27	0.134	20.57	0.114	21.52	0.142	21.33	0.136	27.21	0.526	≤ 30.00
		5785	22.19	0.166	21.13	0.130	22.17	0.165	21.83	0.152	27.87	0.612	≤ 30.00
		5825	22.33	0.171	20.10	0.102	21.93	0.156	20.07	0.102	27.25	0.531	≤ 30.00
Mode 4	54 M	5190	13.15	0.021	12.56	0.018	12.63	0.018	12.79	0.019	18.81	0.076	≤ 30.00
		5230	15.56	0.036	15.21	0.033	15.23	0.033	15.51	0.036	21.40	0.138	≤ 30.00
		5755	21.58	0.144	21.01	0.126	21.75	0.150	21.58	0.144	27.51	0.564	≤ 30.00
		5795	21.68	0.147	21.49	0.141	20.43	0.110	21.28	0.134	27.27	0.533	≤ 30.00
Mode 5	26 M	5180	14.81	0.030	14.70	0.030	14.45	0.028	14.91	0.031	20.74	0.119	≤ 30.00
		5200	20.28	0.107	19.92	0.098	19.72	0.094	19.93	0.098	25.99	0.397	≤ 30.00
		5240	19.75	0.094	19.36	0.086	20.01	0.100	19.88	0.097	25.78	0.378	≤ 30.00
		5745	21.11	0.129	20.39	0.109	21.23	0.133	21.03	0.127	26.97	0.498	≤ 30.00
		5785	21.81	0.152	20.69	0.117	21.83	0.152	21.50	0.141	27.50	0.562	≤ 30.00
		5825	21.41	0.138	20.62	0.115	21.77	0.150	21.20	0.132	27.29	0.536	≤ 30.00
Mode 6	54 M	5190	12.43	0.017	12.35	0.017	12.25	0.017	12.54	0.018	18.41	0.069	≤ 30.00
		5230	15.66	0.037	15.25	0.033	15.76	0.038	15.80	0.038	21.64	0.146	≤ 30.00
		5755	21.15	0.130	20.69	0.117	21.36	0.137	21.29	0.135	27.15	0.519	≤ 30.00
		5795	21.45	0.140	21.23	0.133	20.19	0.104	21.03	0.127	27.02	0.504	≤ 30.00
Mode 7	117.2 M	5210	12.89	0.019	12.74	0.019	12.73	0.019	12.93	0.020	18.84	0.077	≤ 30.00
		5775	21.37	0.137	20.22	0.105	21.47	0.140	21.05	0.127	27.07	0.509	≤ 30.00
Mode 8	MCS0	5180	15.28	0.034	15.17	0.033	14.92	0.031	15.38	0.035	21.21	0.132	≤ 30.00
		5200	20.55	0.114	20.15	0.104	19.82	0.096	20.15	0.104	26.20	0.417	≤ 30.00
		5240	20.03	0.101	19.59	0.091	20.13	0.103	20.06	0.101	25.98	0.396	≤ 30.00
		5745	21.38	0.137	20.64	0.116	21.57	0.144	21.40	0.138	27.28	0.535	≤ 30.00
		5785	22.28	0.169	21.16	0.131	22.30	0.170	21.97	0.157	27.97	0.627	≤ 30.00
		5825	21.88	0.154	21.09	0.129	22.24	0.167	21.67	0.147	27.76	0.597	≤ 30.00
Mode 9	MCS0	5190	12.90	0.019	12.82	0.019	12.72	0.019	13.01	0.020	18.88	0.077	≤ 30.00
		5230	16.13	0.041	15.72	0.037	16.23	0.042	16.27	0.042	22.11	0.163	≤ 30.00
		5755	21.62	0.145	21.16	0.131	21.83	0.152	21.76	0.150	27.62	0.578	≤ 30.00
		5795	21.77	0.150	21.57	0.144	20.48	0.112	21.35	0.136	27.34	0.542	≤ 30.00
Mode 10	MCS0	5210	13.12	0.021	12.97	0.020	12.96	0.020	13.16	0.021	19.07	0.081	≤ 30.00
		5775	21.60	0.145	20.45	0.111	21.70	0.148	21.28	0.134	27.30	0.537	≤ 30.00

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

Beamforming on

Test Mode	Data Rate	Frequency (MHz)	ANT-0		ANT-1		ANT-2		ANT-3		ANT-0+1+2+3		Limit (dBm)
			(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
Mode 3	26 M	5180	16.12	0.041	14.83	0.030	14.73	0.030	14.42	0.028	21.10	0.129	≤ 30.00
		5200	20.46	0.111	19.99	0.100	19.63	0.092	20.05	0.101	26.06	0.404	≤ 30.00
		5240	19.81	0.096	19.44	0.088	20.01	0.100	19.94	0.099	25.83	0.383	≤ 30.00
		5745	21.25	0.133	20.55	0.113	21.46	0.140	21.29	0.135	27.17	0.521	≤ 30.00
		5785	22.12	0.163	21.10	0.129	22.09	0.162	21.81	0.152	27.82	0.605	≤ 30.00
		5825	22.31	0.170	20.08	0.102	21.91	0.155	20.03	0.101	27.23	0.528	≤ 30.00
Mode 4	54 M	5190	13.06	0.020	12.52	0.018	12.55	0.018	12.77	0.019	18.75	0.075	≤ 30.00
		5230	15.47	0.035	15.18	0.033	15.22	0.033	15.43	0.035	21.35	0.136	≤ 30.00
		5755	21.53	0.142	20.92	0.123	21.66	0.147	21.56	0.143	27.45	0.556	≤ 30.00
		5795	21.59	0.144	21.48	0.141	20.35	0.108	21.24	0.133	27.21	0.526	≤ 30.00
Mode 5	26 M	5180	14.79	0.030	14.66	0.029	14.41	0.028	14.83	0.030	20.70	0.117	≤ 30.00
		5200	20.25	0.106	19.88	0.097	19.69	0.093	19.89	0.098	25.95	0.394	≤ 30.00
		5240	19.68	0.093	19.32	0.085	20.00	0.100	19.84	0.096	25.74	0.375	≤ 30.00
		5745	21.07	0.128	20.37	0.109	21.14	0.130	20.93	0.124	26.91	0.491	≤ 30.00
		5785	21.72	0.149	20.61	0.115	21.82	0.152	21.45	0.140	27.45	0.556	≤ 30.00
		5825	21.40	0.138	20.62	0.115	21.69	0.148	21.16	0.131	27.25	0.531	≤ 30.00
Mode 6	54 M	5190	12.34	0.017	12.26	0.017	12.20	0.017	12.52	0.018	18.35	0.068	≤ 30.00
		5230	15.63	0.037	15.16	0.033	15.74	0.038	15.73	0.037	21.59	0.144	≤ 30.00
		5755	21.11	0.129	20.67	0.117	21.34	0.136	21.28	0.134	27.13	0.516	≤ 30.00
		5795	21.37	0.137	21.21	0.132	20.13	0.103	21.00	0.126	26.97	0.498	≤ 30.00
Mode 7	117.2 M	5210	12.80	0.019	12.65	0.018	12.66	0.018	12.90	0.019	18.77	0.075	≤ 30.00
		5775	21.28	0.134	20.18	0.104	21.40	0.138	20.96	0.125	27.00	0.501	≤ 30.00
Mode 8	MCS0	5180	15.21	0.033	15.15	0.033	14.90	0.031	15.34	0.034	21.17	0.131	≤ 30.00
		5200	20.51	0.112	20.07	0.102	19.79	0.095	20.13	0.103	26.15	0.412	≤ 30.00
		5240	20.01	0.100	19.54	0.090	20.07	0.102	20.01	0.100	25.93	0.392	≤ 30.00
		5745	21.35	0.137	20.60	0.115	21.53	0.142	21.34	0.136	27.24	0.530	≤ 30.00
		5785	22.24	0.167	21.10	0.129	22.28	0.169	21.94	0.156	27.93	0.621	≤ 30.00
		5825	21.86	0.153	21.05	0.127	22.19	0.166	21.62	0.145	27.72	0.592	≤ 30.00
Mode 9	MCS0	5190	12.85	0.019	12.77	0.019	12.68	0.019	12.99	0.020	18.84	0.077	≤ 30.00
		5230	16.08	0.041	15.66	0.037	16.19	0.042	16.25	0.042	22.07	0.161	≤ 30.00
		5755	21.58	0.144	21.11	0.129	21.77	0.150	21.74	0.149	27.58	0.573	≤ 30.00
		5795	21.72	0.148	21.52	0.142	20.43	0.111	21.32	0.136	27.30	0.537	≤ 30.00
Mode 10	MCS0	5210	13.10	0.020	12.94	0.020	12.93	0.020	13.13	0.021	19.05	0.080	≤ 30.00
		5775	21.54	0.142	20.41	0.110	21.65	0.146	21.24	0.133	27.25	0.531	≤ 30.00

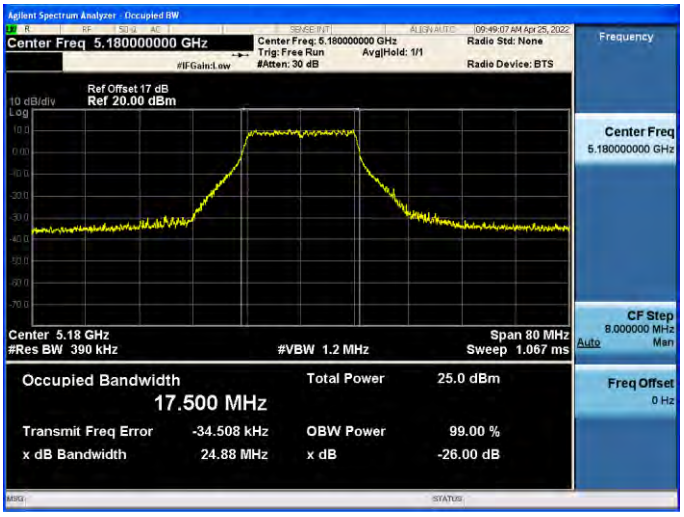
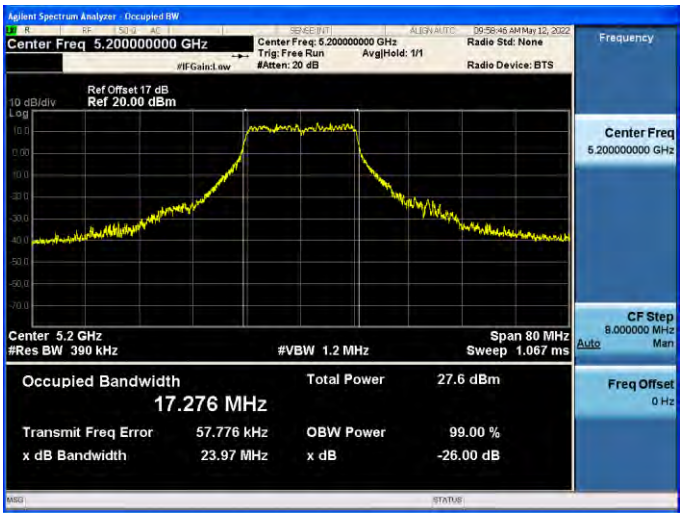
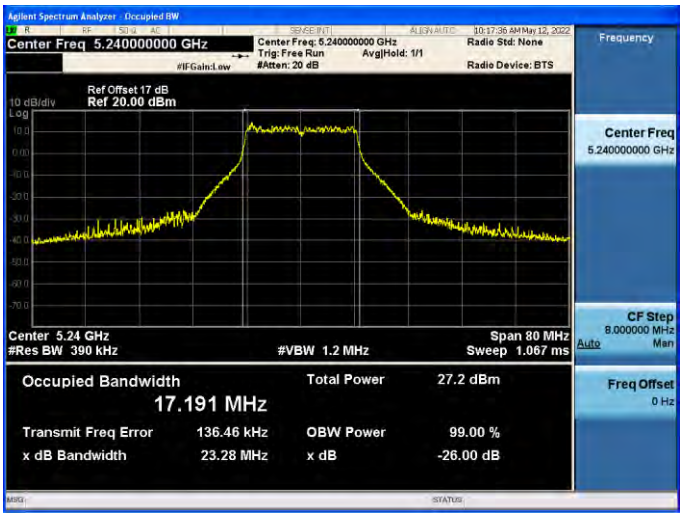
Note: The relevant measured result has the offset with cable loss already.

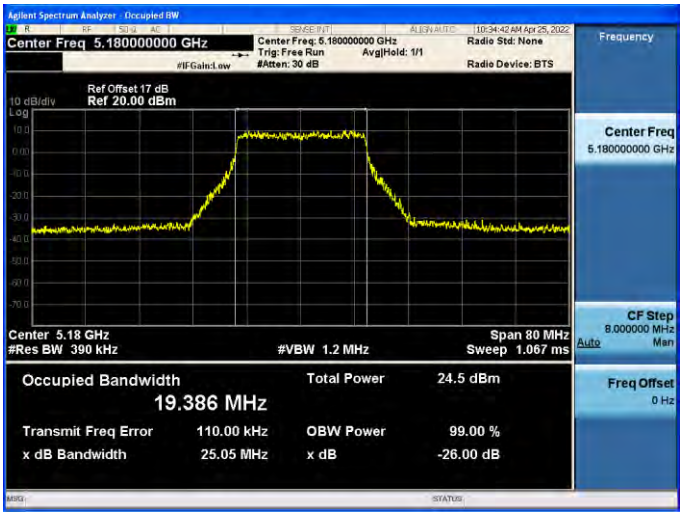
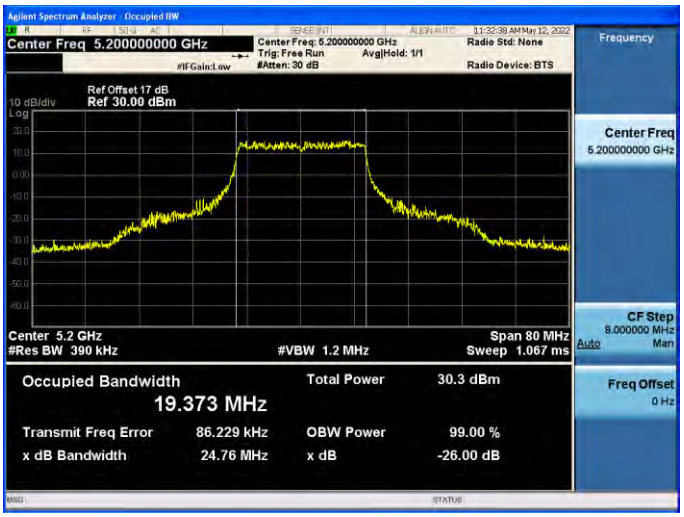
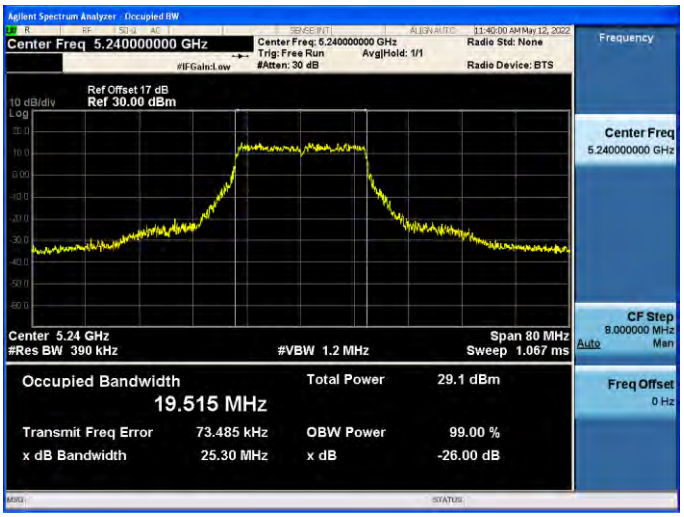
26 dB RF Bandwidth Measurement & 99 % Occupied Bandwidth Measurement

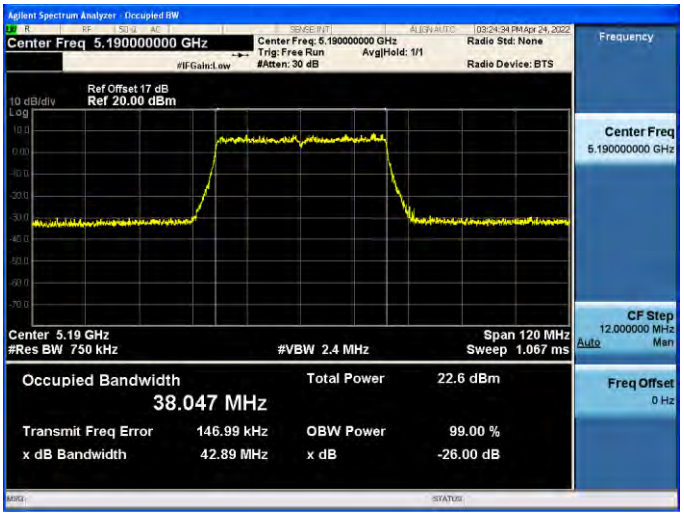
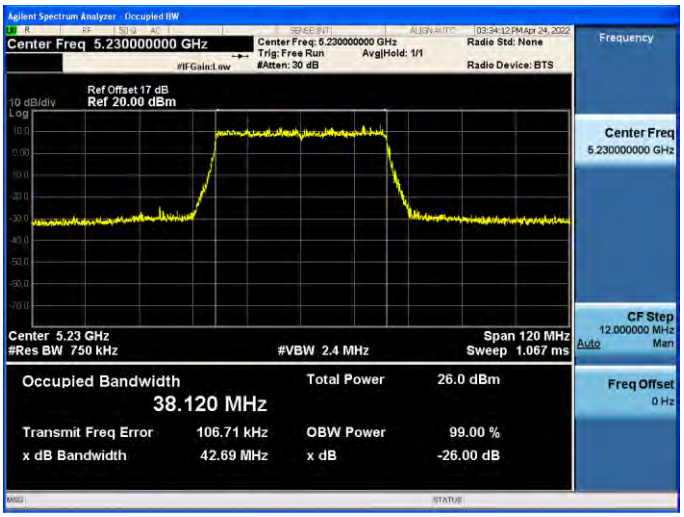
Test Mode	Frequency (MHz)	26 dB Bandwidth (MHz)				99 % Occupied Bandwidth (MHz)			
		ANT-0	ANT-1	ANT-2	ANT-3	ANT-0	ANT-1	ANT-2	ANT-3
Mode 2	5180	24.88	24.23	23.83	23.39	17.500	17.358	17.443	17.226
	5200	23.97	23.33	24.60	26.91	17.276	17.410	17.641	17.652
	5240	23.28	24.49	25.35	24.19	17.191	17.436	17.593	17.636
Mode 8	5180	25.05	25.21	25.71	25.56	19.386	19.471	19.397	19.440
	5200	24.76	25.29	25.46	28.06	19.373	19.412	19.487	19.515
	5240	25.30	25.74	25.49	25.20	19.515	19.506	19.535	19.466
Mode 9	5190	42.89	42.87	42.77	42.95	38.047	38.078	38.055	38.073
	5230	42.69	42.94	43.15	42.98	38.120	38.111	38.057	38.088
Mode 10	5210	88.73	89.48	89.53	88.77	78.038	78.095	77.987	88.775

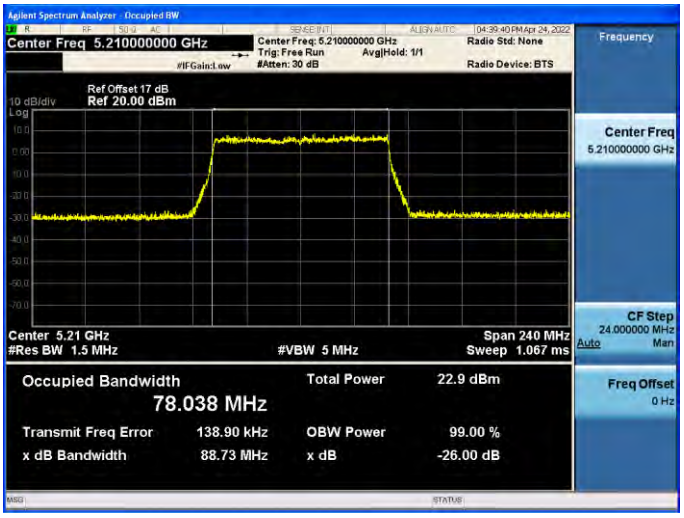
Note: The 99 % occupied bandwidth not crossed 5250 MHz.

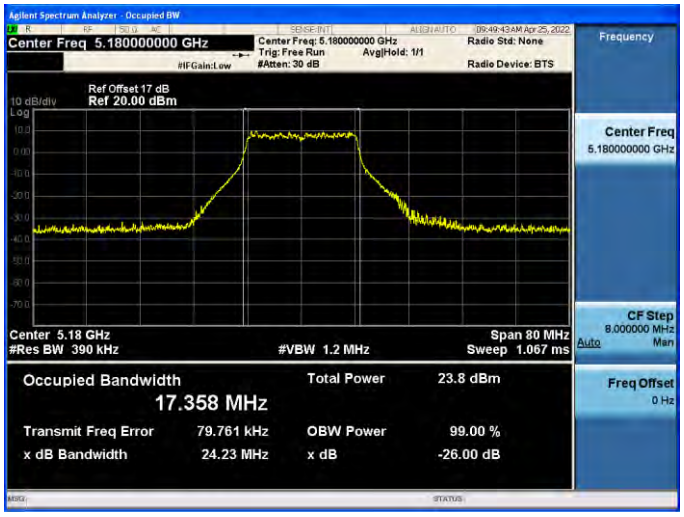
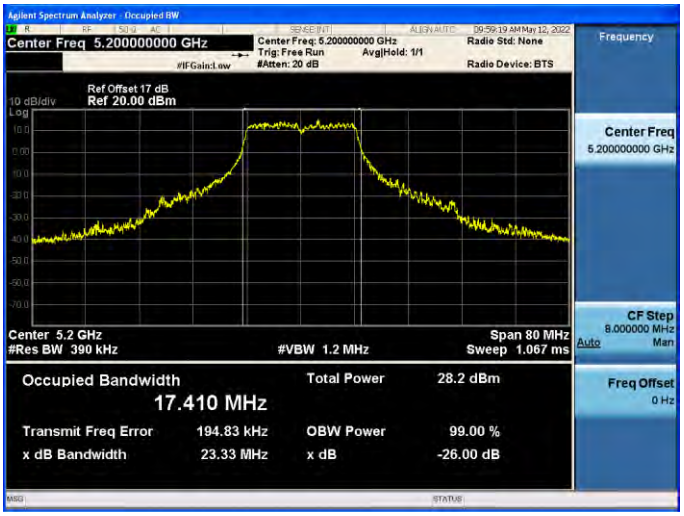
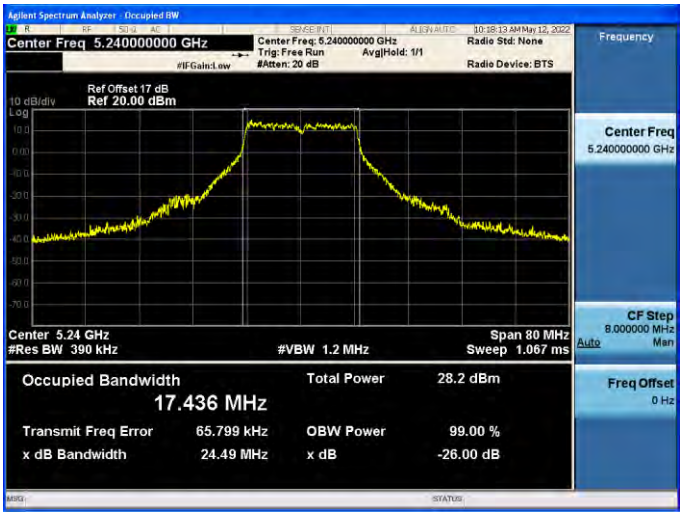
■ **Test Graphs**

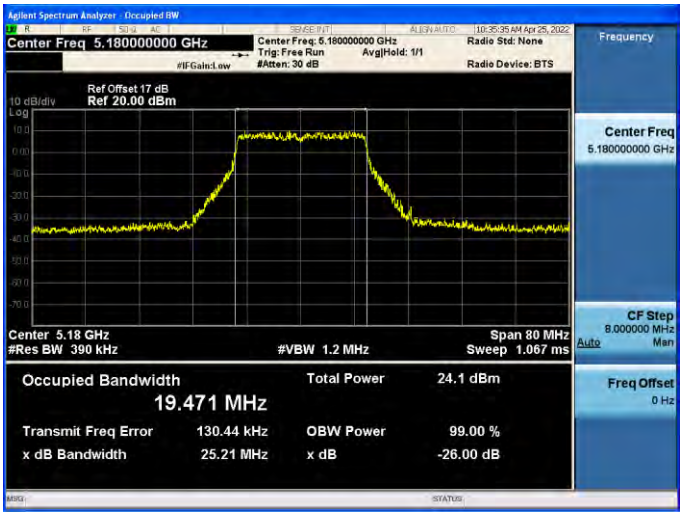
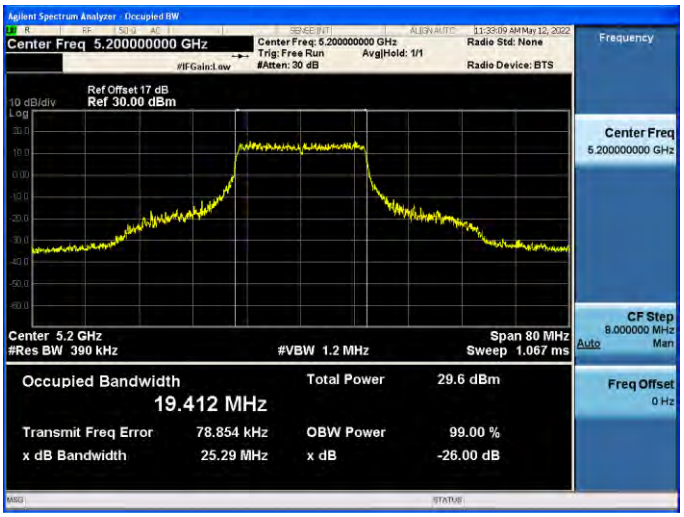
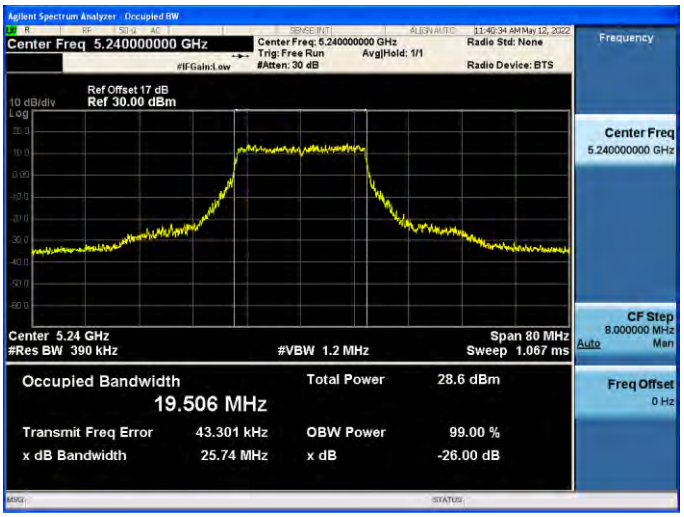
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

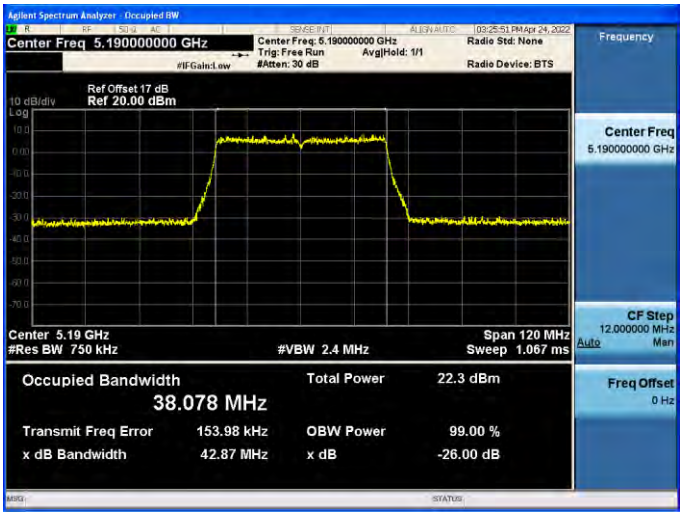
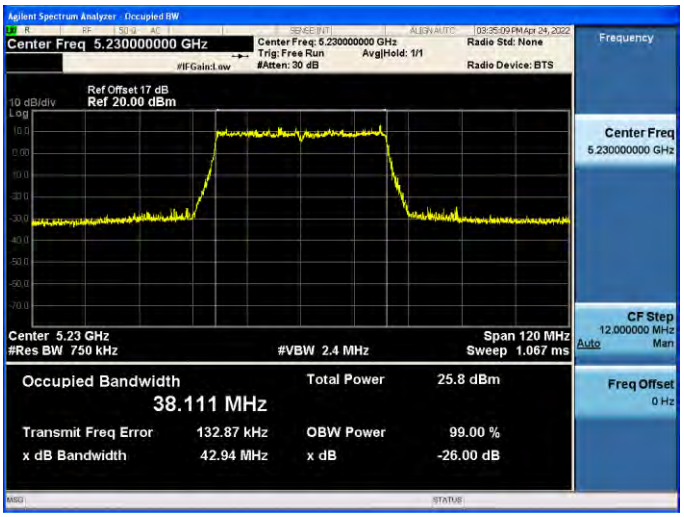
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

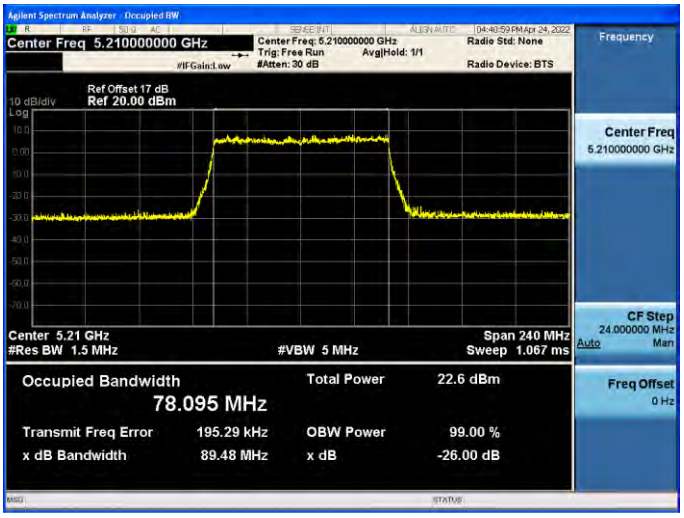
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ ANT-0	
5190 MHz	
5230 MHz	

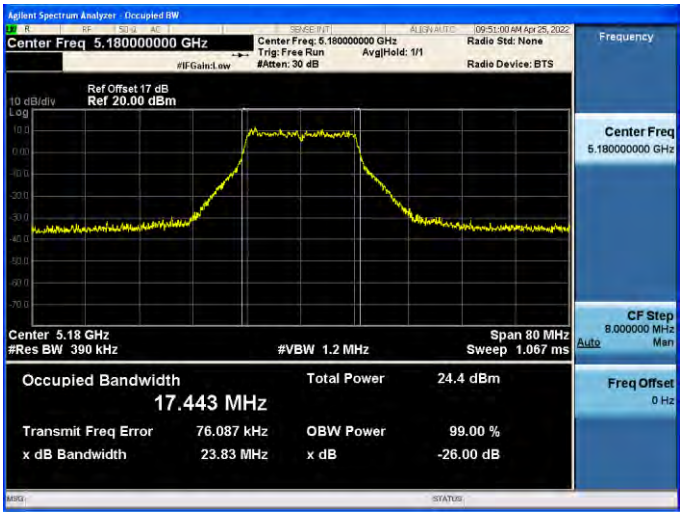
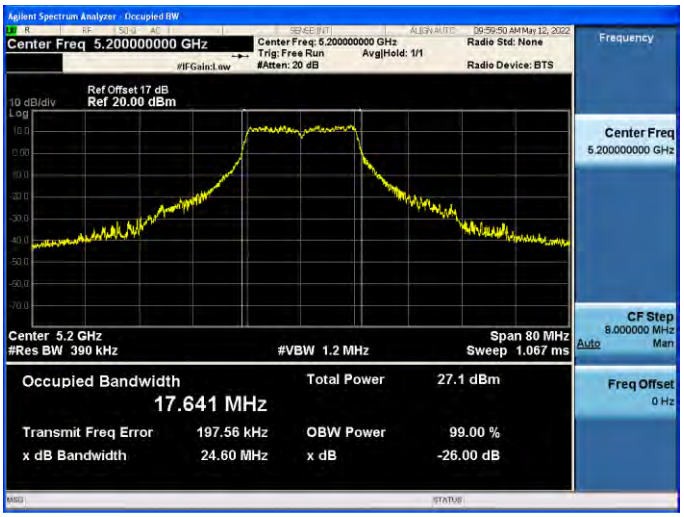
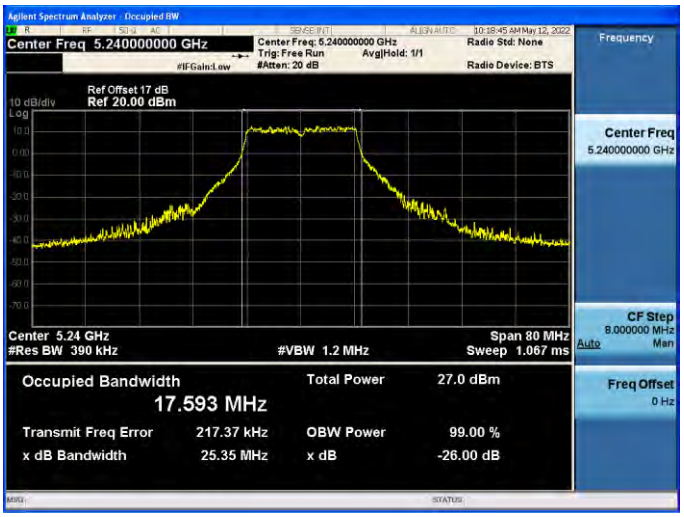
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ ANT-0	
5210 MHz	

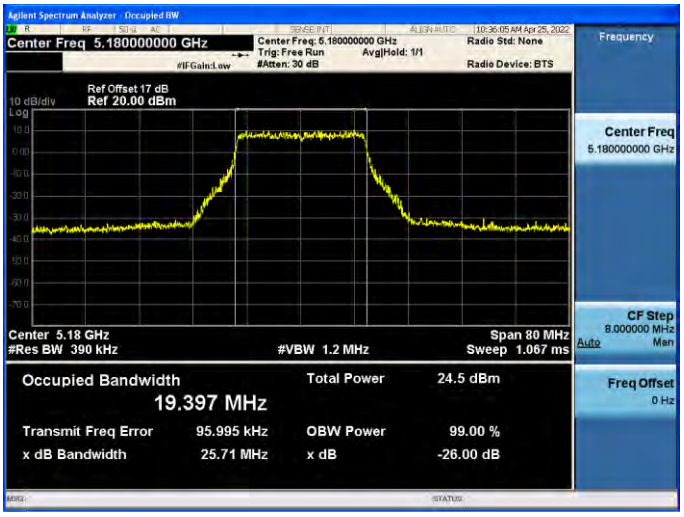
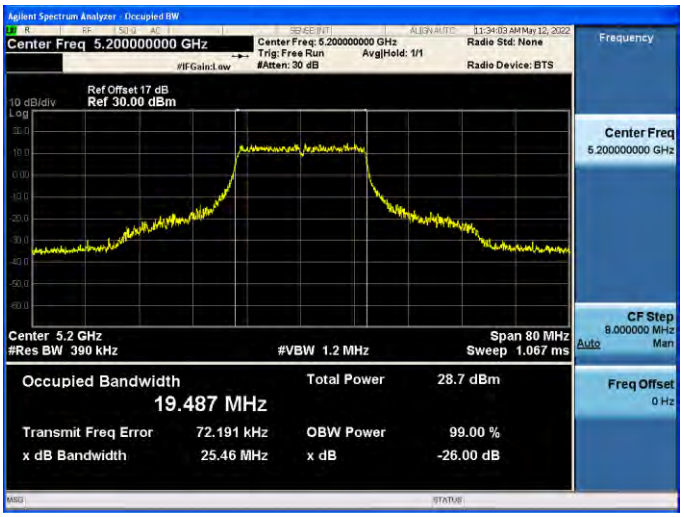
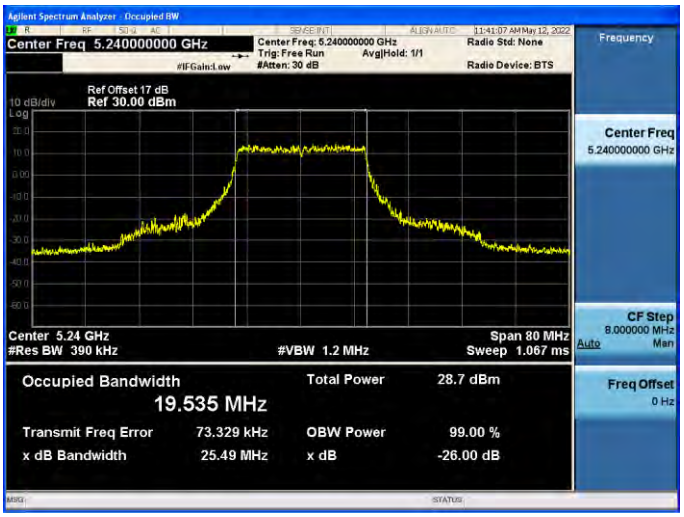
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

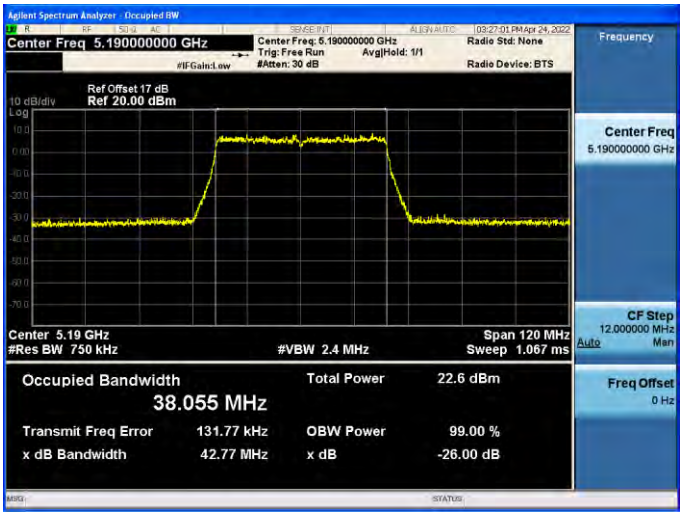
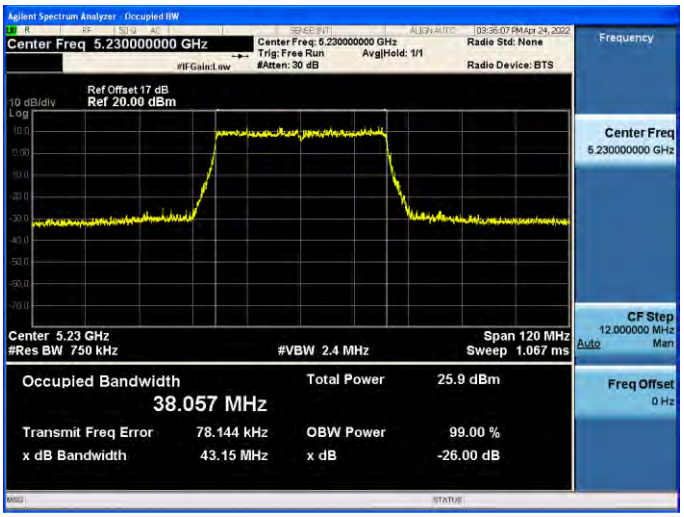
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

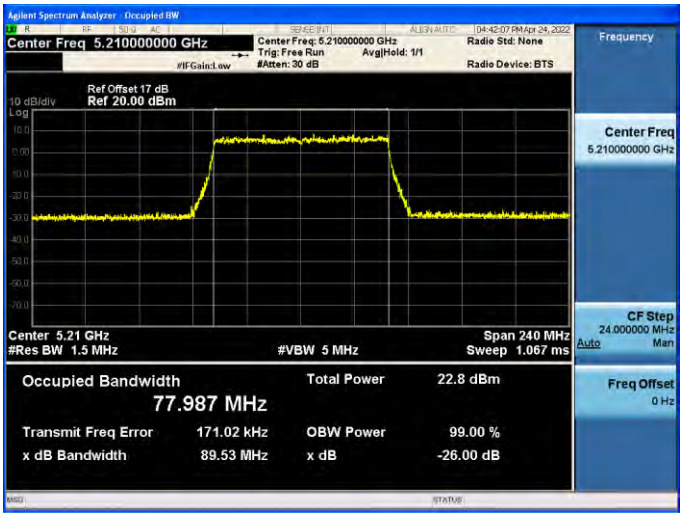
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ ANT-1	
5190 MHz	
5230 MHz	

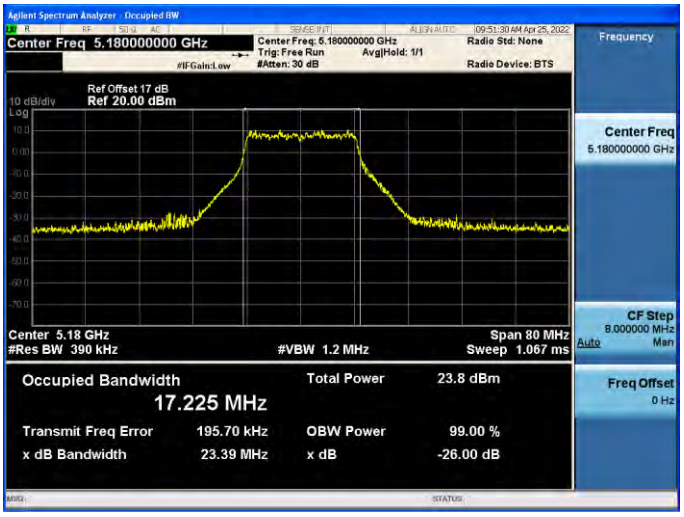
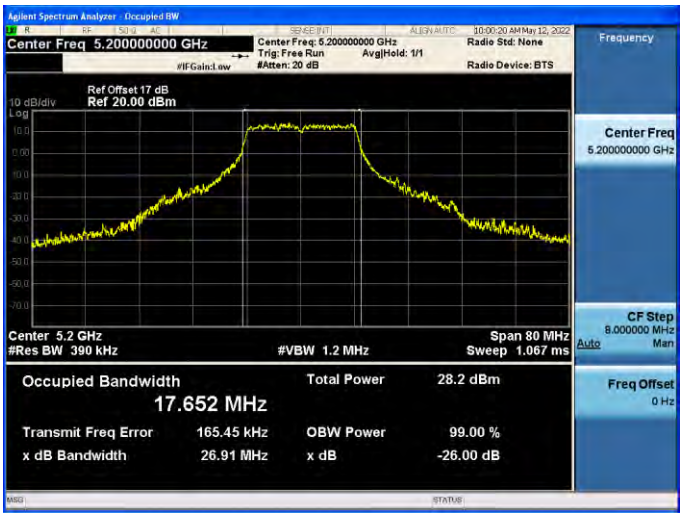
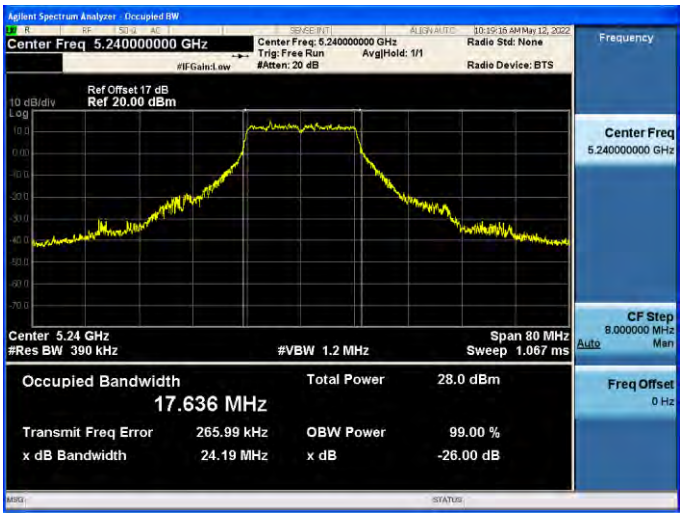
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ ANT-1	
5210 MHz	

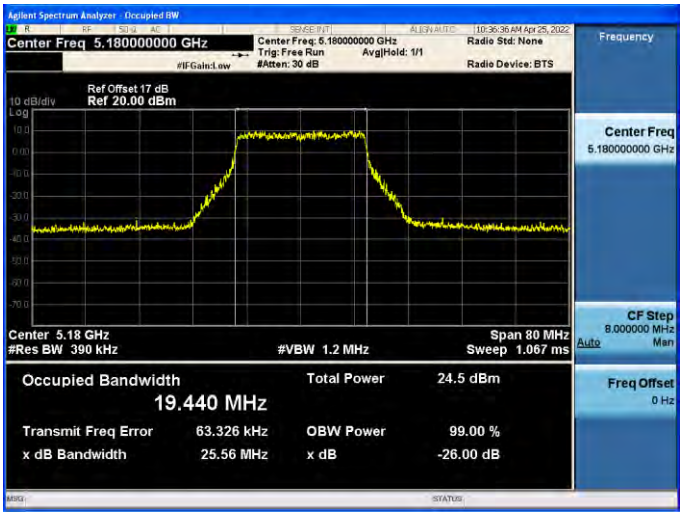
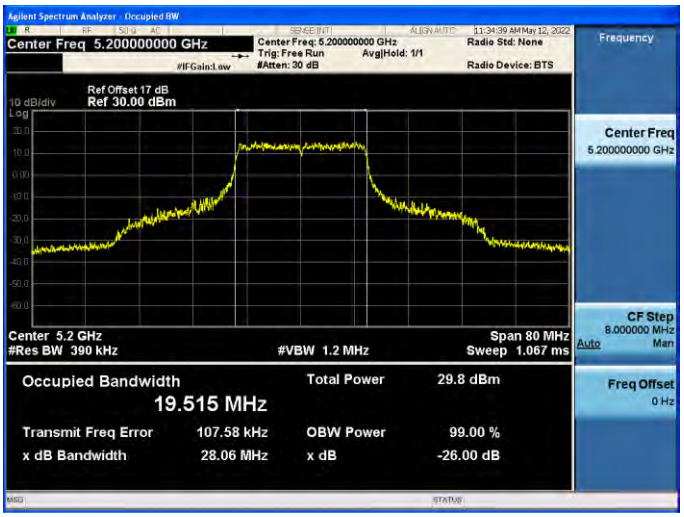
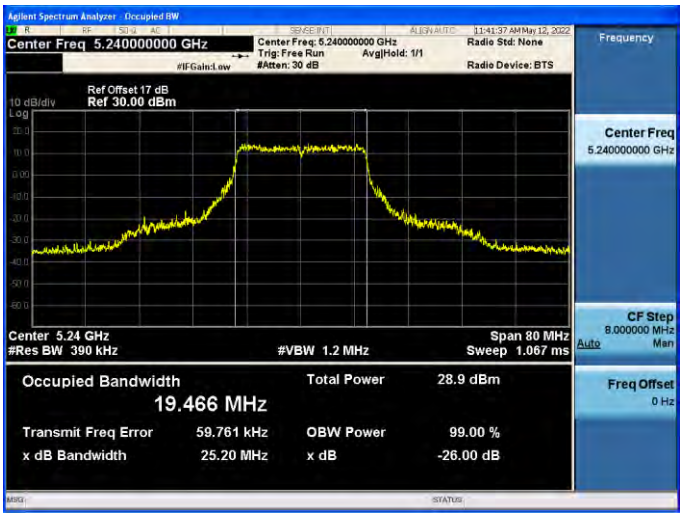
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	

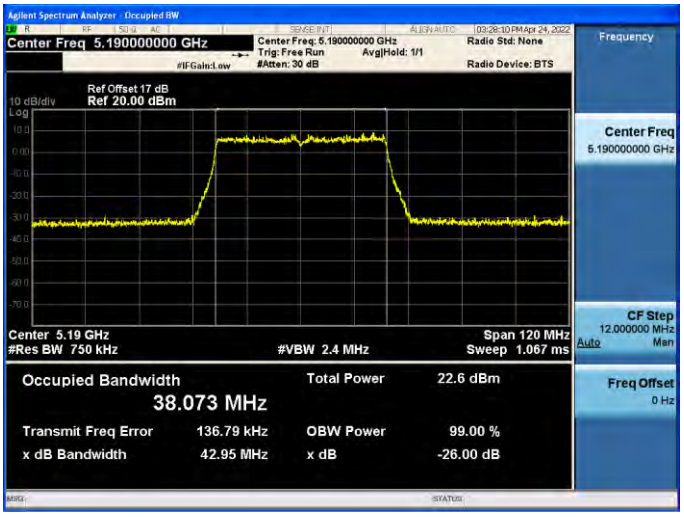
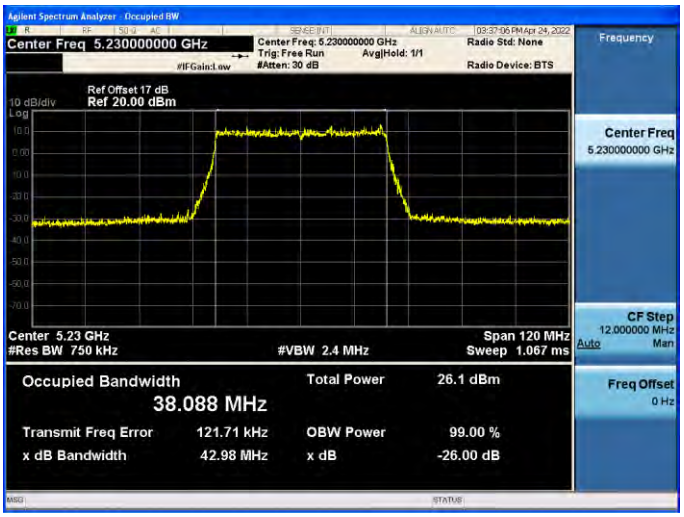
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	

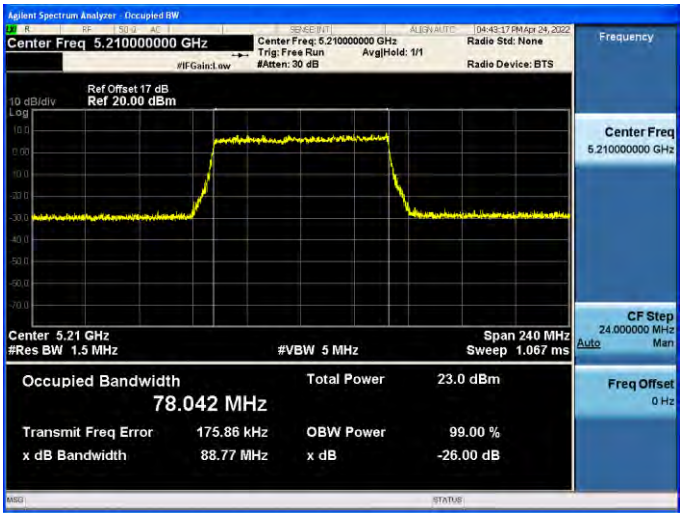
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ ANT-2	
5190 MHz	
5230 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ ANT-2	
5210 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ ANT-3	
5180 MHz	
5200 MHz	
5240 MHz	

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

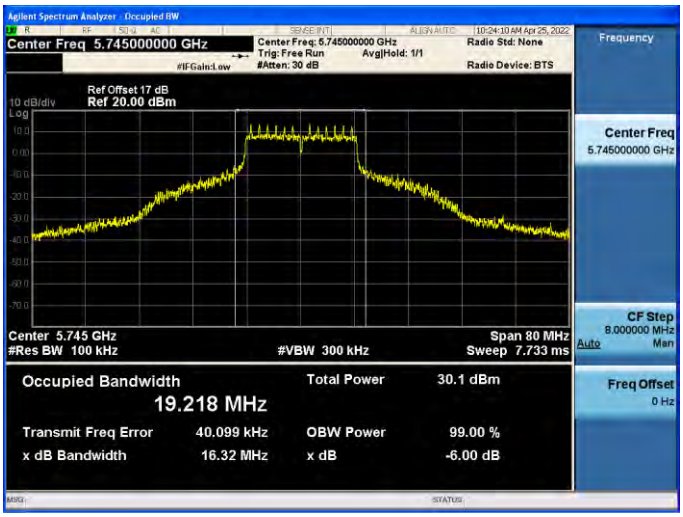
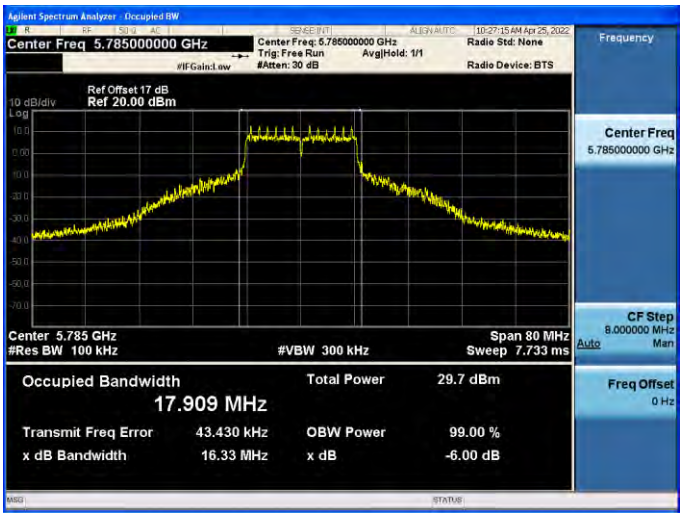
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ ANT-3	
5190 MHz	
5230 MHz	

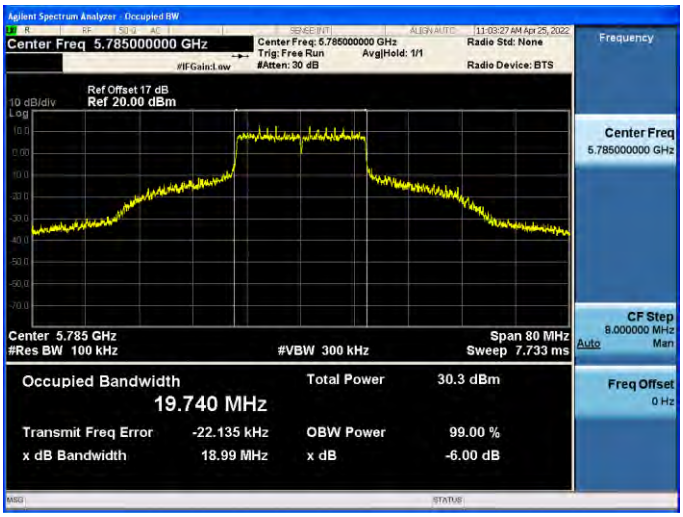
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ ANT-3	
5210 MHz	

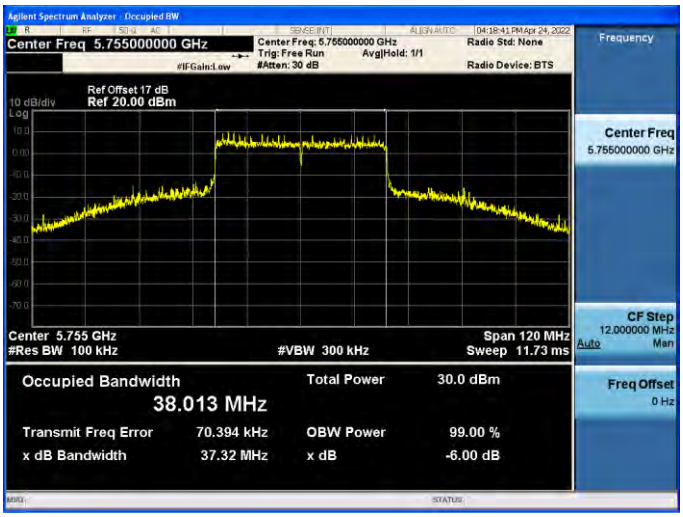
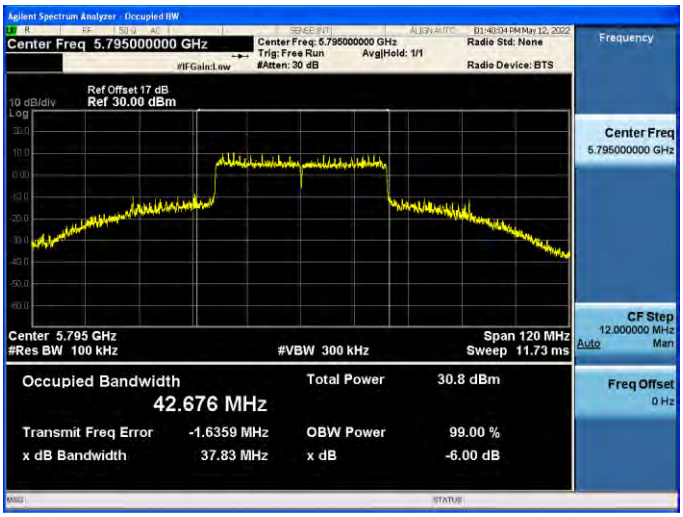
6 dB RF Bandwidth Measurement

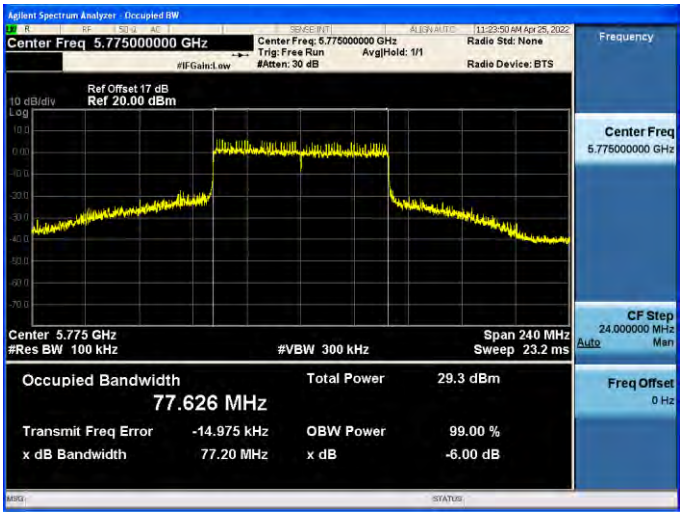
Test Mode	Frequency (MHz)	6 dB RF Bandwidth (kHz)				Limit (kHz)
		ANT-0	ANT-1	ANT-2	ANT-3	
Mode 2	5745	16319	16355	16322	16338	≥ 500
	5785	16332	16315	16330	16346	≥ 500
	5825	16332	16379	16340	16342	≥ 500
Mode 8	5745	19004	18605	18932	18943	≥ 500
	5785	18994	18888	18712	18950	≥ 500
	5825	18675	18658	18424	18660	≥ 500
Mode 9	5755	37316	38030	37875	37813	≥ 500
	5795	37830	37890	37600	37830	≥ 500
Mode 10	5775	77205	77285	77526	77598	≥ 500

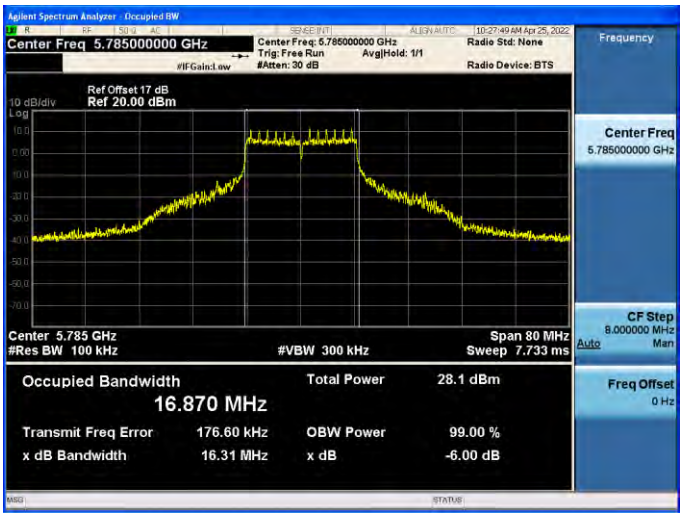
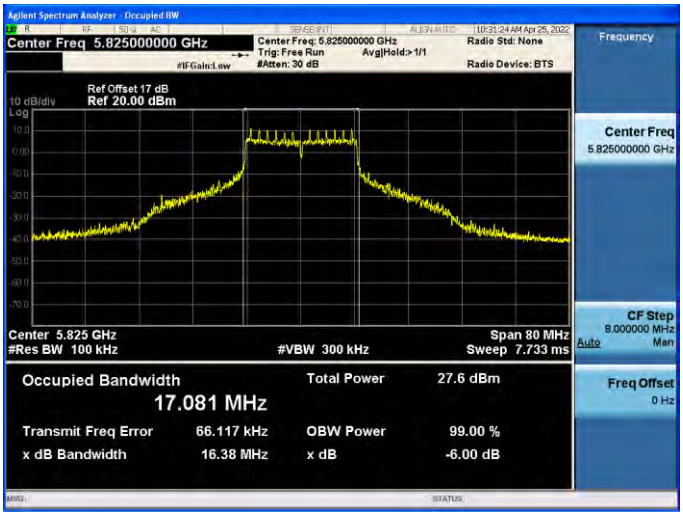
■ **Test Graphs**

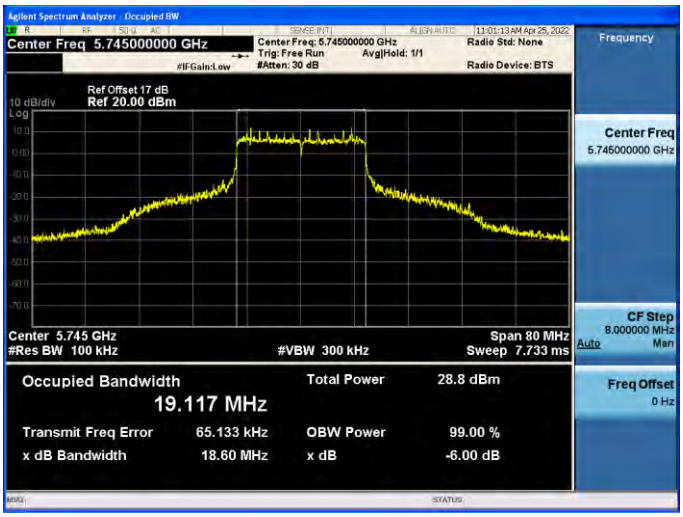
Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

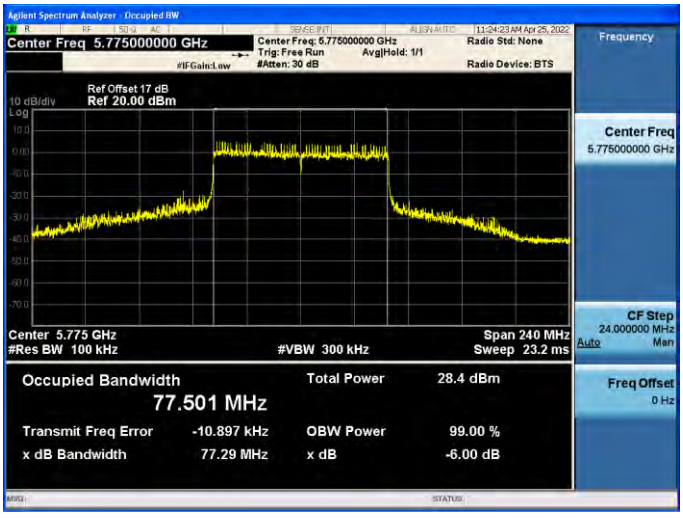
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-0	
5755 MHz	
5795 MHz	

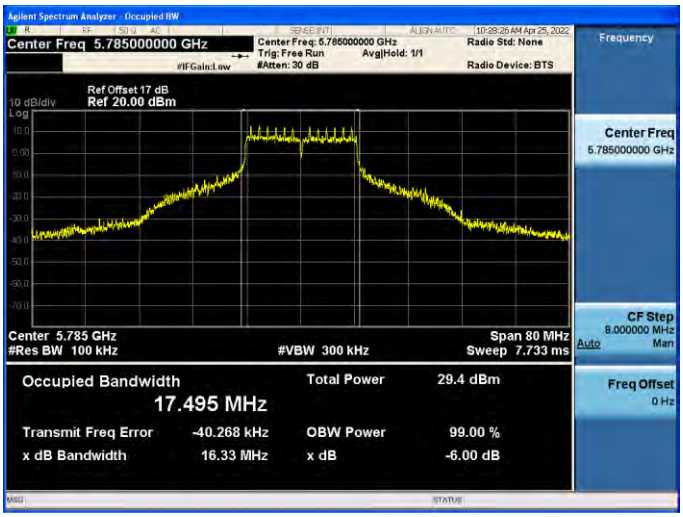
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ANT-0	
5775 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

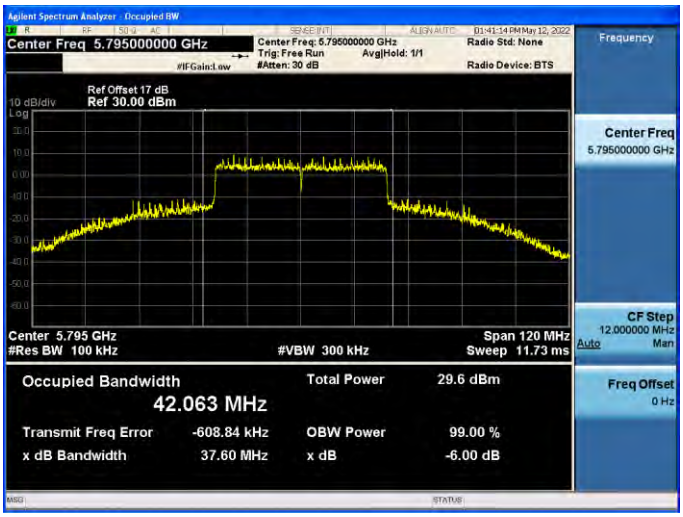
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-1	
5755 MHz	
5795 MHz	

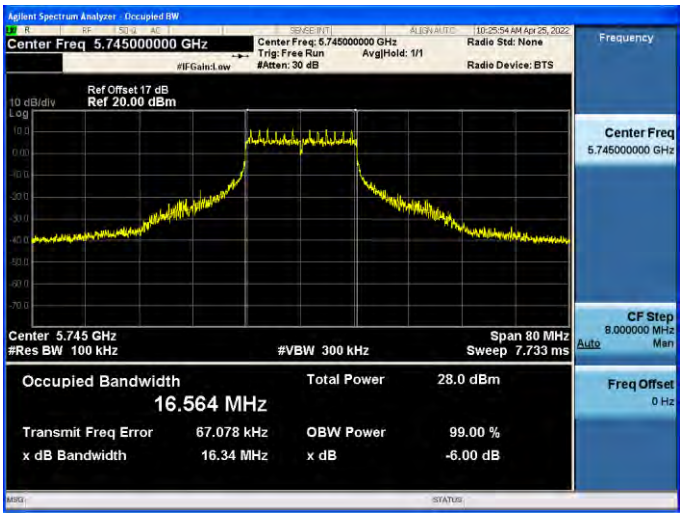
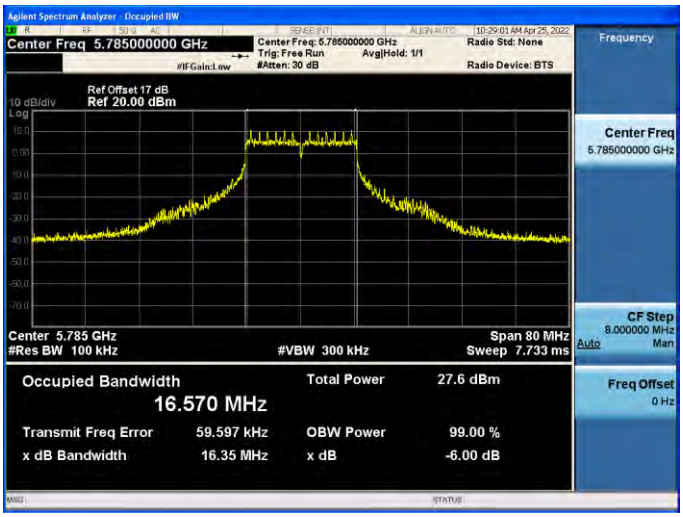
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ANT-1	
5775 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ANT-2	
5745 MHz	
5785 MHz	
5825 MHz	

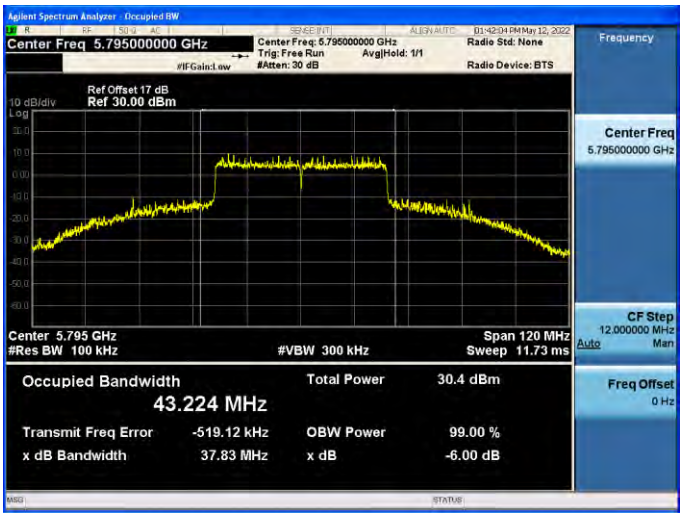
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode_ANT-2	
5745 MHz	
5785 MHz	
5825 MHz	

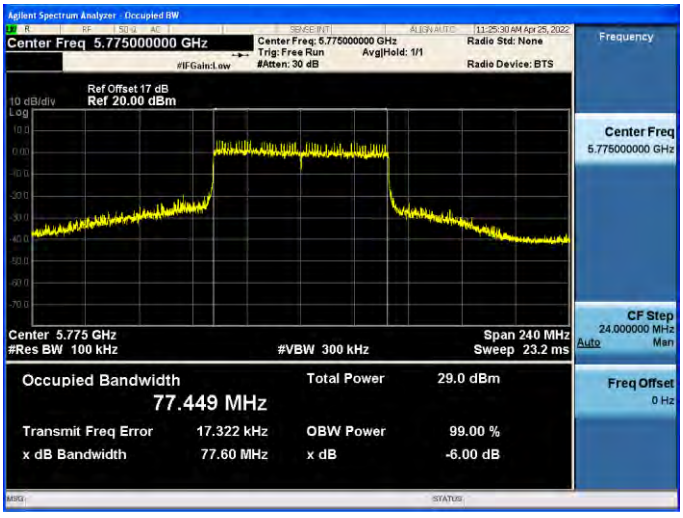
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-2	
5755 MHz	
5795 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ANT-2	
5775 MHz	

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	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ANT-3	
5755 MHz	
5795 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode_ANT-3	
5775 MHz	

Maximum Power Spectral Density Measurement

Power spectral density					
Test Mode	Frequency (MHz)	ANT-0			
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
Mode 2	5180	6.784	0.512	7.296	≤ 17.00
	5200	9.105	0.512	9.617	≤ 17.00
	5240	9.051	0.512	9.563	≤ 17.00
Mode 8	5180	4.873	0.054	4.927	≤ 17.00
	5200	10.552	0.054	10.606	≤ 17.00
	5240	9.577	0.054	9.631	≤ 17.00
Mode 9	5190	0.118	0.127	0.245	≤ 17.00
	5230	3.391	0.127	3.518	≤ 17.00
Mode 10	5210	-2.495	0.266	-2.229	≤ 17.00

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Power spectral density					
Test Mode	Frequency (MHz)	ANT-0			
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
Mode 2	5745	2.626	0.512	10.127	≤ 30.00
	5785	3.157	0.512	10.658	≤ 30.00
	5825	2.364	0.512	9.865	≤ 30.00
Mode 8	5745	0.455	0.054	7.499	≤ 30.00
	5785	1.818	0.054	8.862	≤ 30.00
	5825	1.238	0.054	8.282	≤ 30.00
Mode 9	5755	-1.778	0.127	5.338	≤ 30.00
	5795	-0.929	0.127	6.188	≤ 30.00
Mode 10	5775	-5.279	0.266	1.977	≤ 30.00

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Power spectral density					
Test Mode	Frequency (MHz)	ANT-1			
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
Mode 2	5180	5.982	0.512	6.494	≤ 17.00
	5200	9.949	0.512	10.460	≤ 17.00
	5240	10.218	0.512	10.730	≤ 17.00
Mode 8	5180	4.898	0.054	4.952	≤ 17.00
	5200	9.981	0.054	10.035	≤ 17.00
	5240	9.090	0.054	9.144	≤ 17.00
Mode 9	5190	-0.191	0.127	-0.064	≤ 17.00
	5230	3.137	0.127	3.264	≤ 17.00
Mode 10	5210	-2.944	0.266	-2.678	≤ 17.00

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Power spectral density					
Test Mode	Frequency (MHz)	ANT-1			
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
Mode 2	5745	1.118	0.512	8.619	≤ 30.00
	5785	0.922	0.512	8.423	≤ 30.00
	5825	0.253	0.512	7.754	≤ 30.00
Mode 8	5745	-0.718	0.054	6.326	≤ 30.00
	5785	0.512	0.054	7.556	≤ 30.00
	5825	0.085	0.054	7.129	≤ 30.00
Mode 9	5755	-2.788	0.127	4.328	≤ 30.00
	5795	-1.133	0.127	5.984	≤ 30.00
Mode 10	5775	-5.324	0.266	1.932	≤ 30.00

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Power spectral density					
Test Mode	Frequency (MHz)	ANT-2			
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
Mode 2	5180	6.036	0.512	6.548	≤ 17.00
	5200	9.185	0.512	9.696	≤ 17.00
	5240	8.866	0.512	9.378	≤ 17.00
Mode 8	5180	4.952	0.054	5.006	≤ 17.00
	5200	9.232	0.054	9.286	≤ 17.00
	5240	9.367	0.054	9.421	≤ 17.00
Mode 9	5190	0.148	0.127	0.275	≤ 17.00
	5230	3.582	0.127	3.709	≤ 17.00
Mode 10	5210	-3.064	0.266	-2.798	≤ 17.00

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Power spectral density					
Test Mode	Frequency (MHz)	ANT-2			
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
Mode 2	5745	2.578	0.512	10.079	≤ 30.00
	5785	2.575	0.512	10.076	≤ 30.00
	5825	2.858	0.512	10.359	≤ 30.00
Mode 8	5745	0.599	0.054	7.643	≤ 30.00
	5785	1.556	0.054	8.600	≤ 30.00
	5825	1.261	0.054	8.305	≤ 30.00
Mode 9	5755	-1.692	0.127	5.424	≤ 30.00
	5795	-2.621	0.127	4.495	≤ 30.00
Mode 10	5775	-5.339	0.266	1.917	≤ 30.00

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Power spectral density					
Test Mode	Frequency (MHz)	ANT-3			
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
Mode 2	5180	5.660	0.512	6.172	≤ 17.00
	5200	10.135	0.512	10.647	≤ 17.00
	5240	9.711	0.512	10.223	≤ 17.00
Mode 8	5180	5.127	0.054	5.181	≤ 17.00
	5200	10.006	0.054	10.060	≤ 17.00
	5240	9.110	0.054	9.163	≤ 17.00
Mode 9	5190	0.129	0.127	0.256	≤ 17.00
	5230	3.493	0.127	3.620	≤ 17.00
Mode 10	5210	-1.927	0.266	-1.661	≤ 17.00

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Power spectral density					
Test Mode	Frequency (MHz)	ANT-3			
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
Mode 2	5745	1.014	0.512	8.515	≤ 30.00
	5785	1.163	0.512	8.664	≤ 30.00
	5825	0.475	0.512	7.976	≤ 30.00
Mode 8	5745	0.652	0.054	7.696	≤ 30.00
	5785	1.061	0.054	8.105	≤ 30.00
	5825	0.937	0.054	7.981	≤ 30.00
Mode 9	5755	-1.801	0.127	5.315	≤ 30.00
	5795	1.596	0.127	8.712	≤ 30.00
Mode 10	5775	-5.548	0.266	1.708	≤ 30.00

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Power spectral density			
Test Mode	Frequency (MHz)	ANT-0+1+2+3	
		Calculated (dBm/MHz)	Limit (dBm/MHz)
Mode 2	5180	12.67	≤ 17.00
	5200	16.15	≤ 17.00
	5240	16.03	≤ 17.00
Mode 8	5180	11.04	≤ 17.00
	5200	16.04	≤ 17.00
	5240	15.36	≤ 17.00
Mode 9	5190	6.20	≤ 17.00
	5230	9.55	≤ 17.00
Mode 10	5210	3.70	≤ 17.00

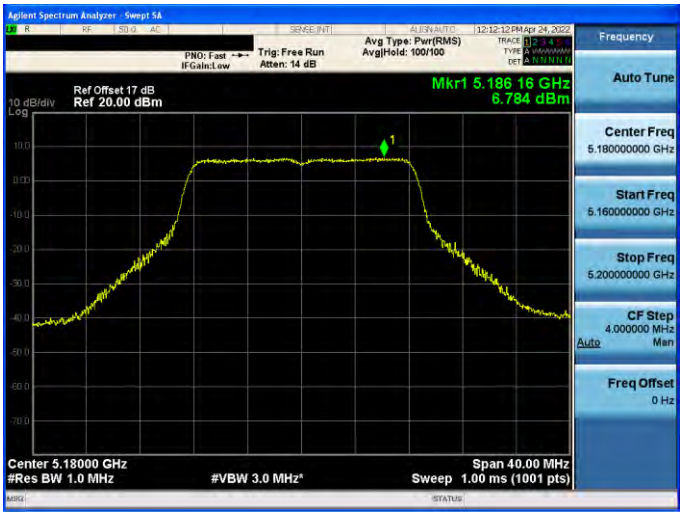
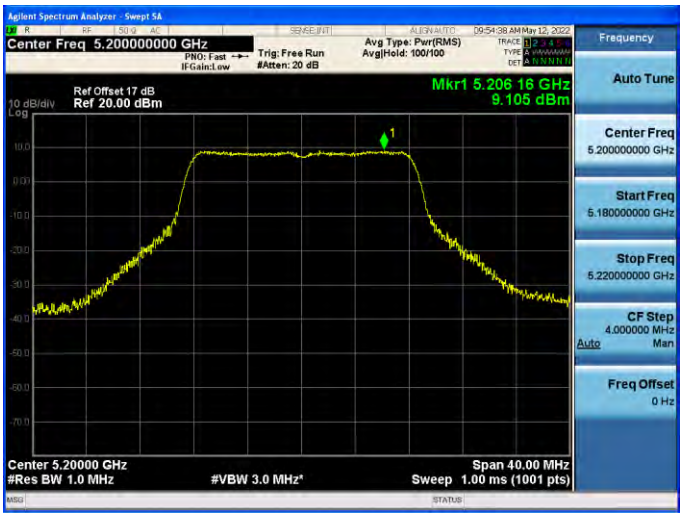
Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

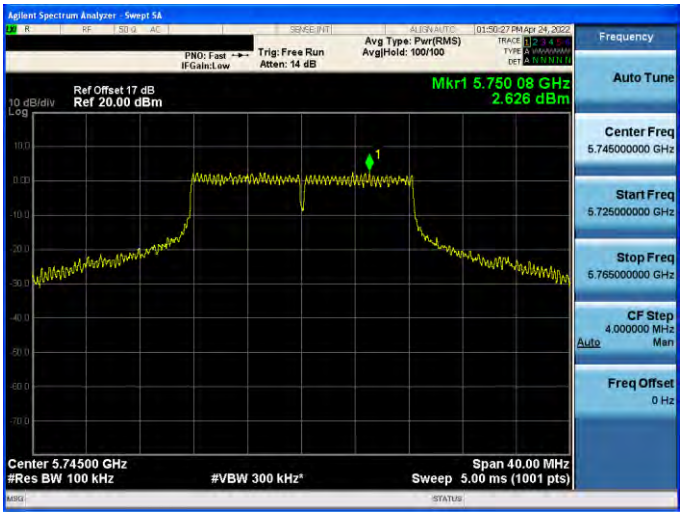
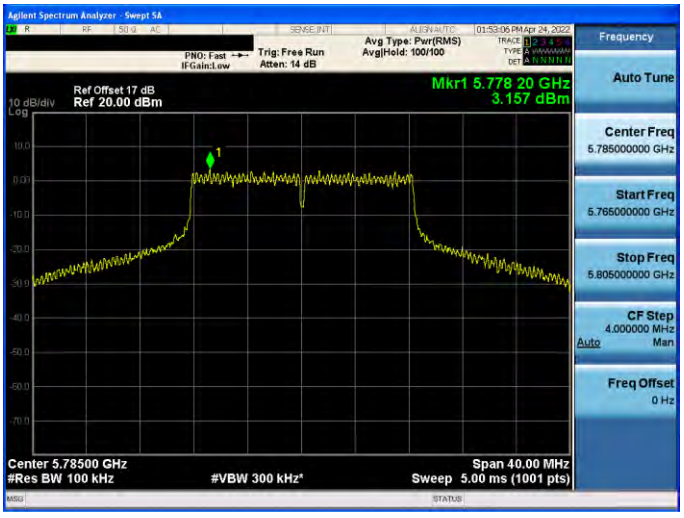
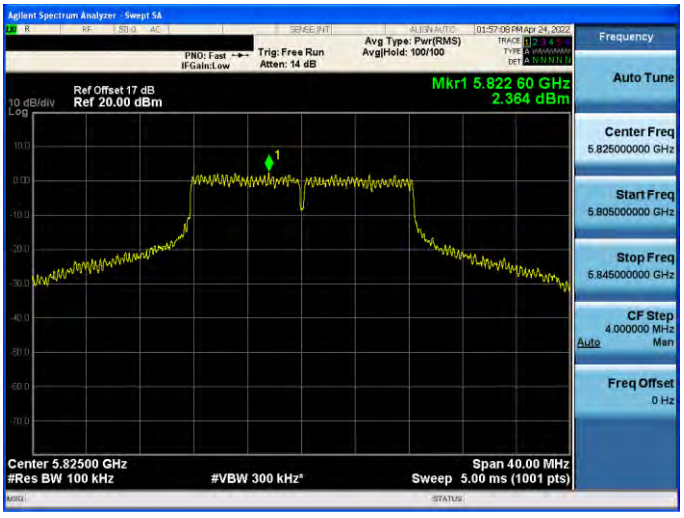
Power spectral density			
Test Mode	Frequency (MHz)	ANT-0+1+2+3	
		Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
Mode 2	5745	15.42	≤ 30.00
	5785	15.58	≤ 30.00
	5825	15.16	≤ 30.00
Mode 8	5745	13.35	≤ 30.00
	5785	14.33	≤ 30.00
	5825	13.97	≤ 30.00
Mode 9	5755	11.14	≤ 30.00
	5795	12.64	≤ 30.00
Mode 10	5775	7.91	≤ 30.00

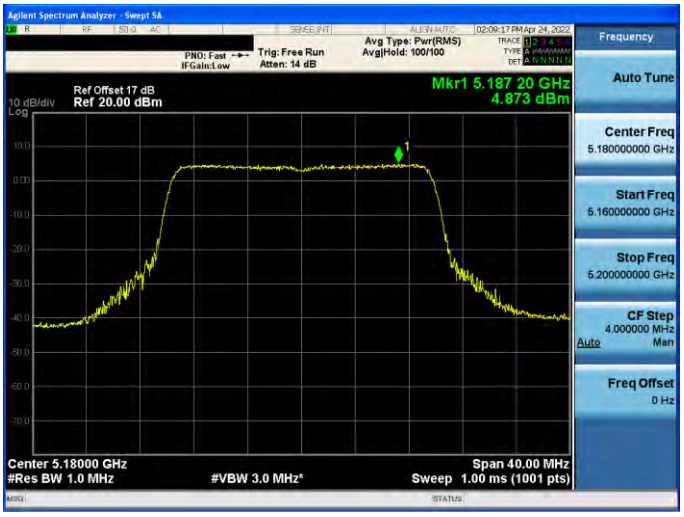
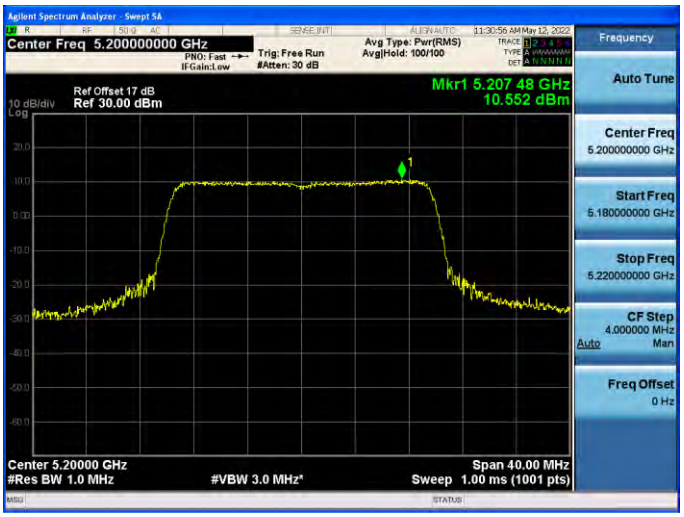
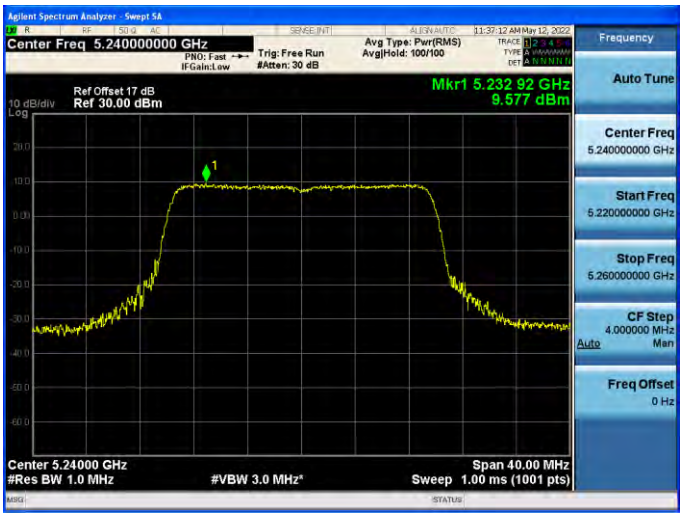
Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

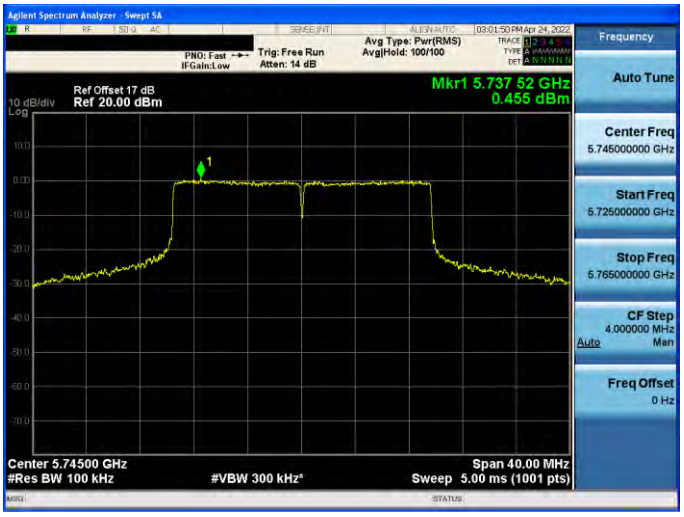
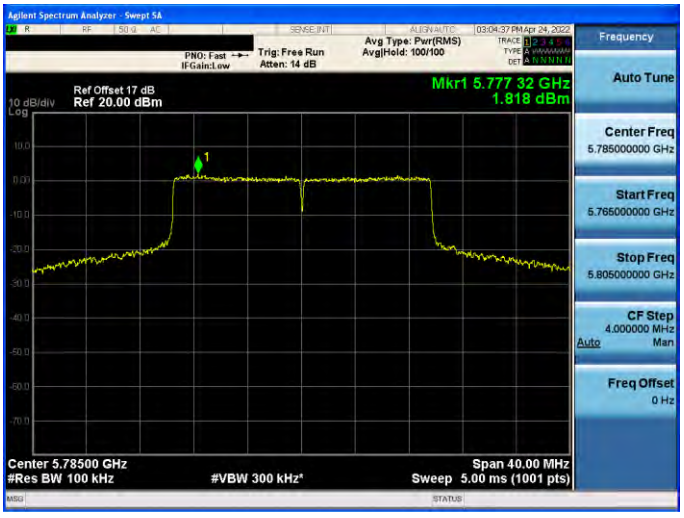
Conversion ratio = 10*Log(500 k/100 k)

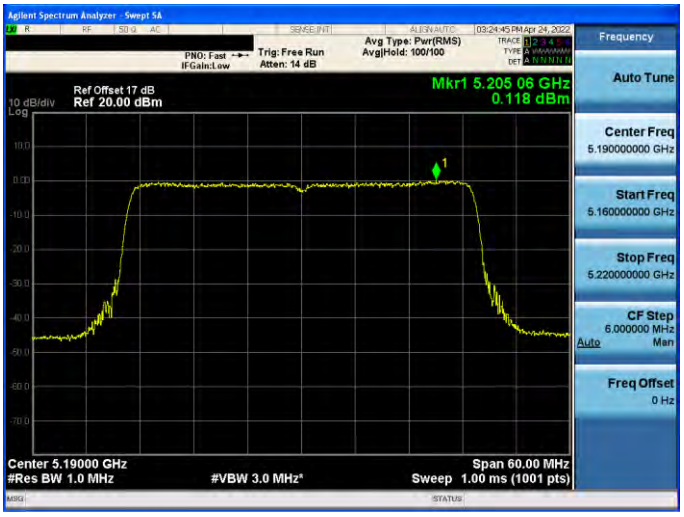
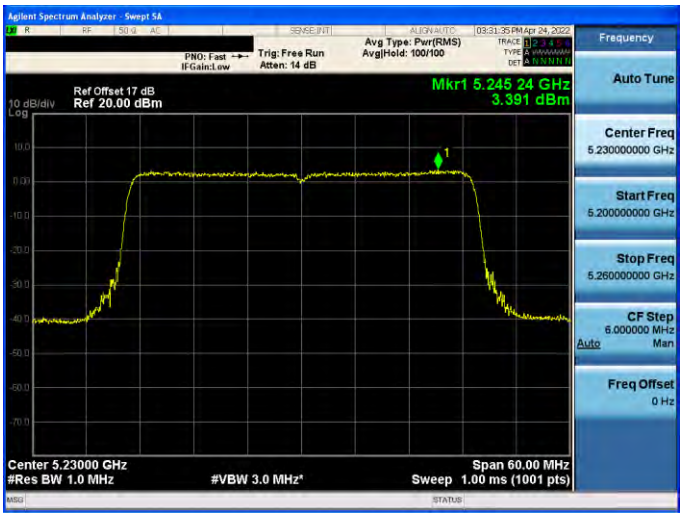
■ **Test Graphs**

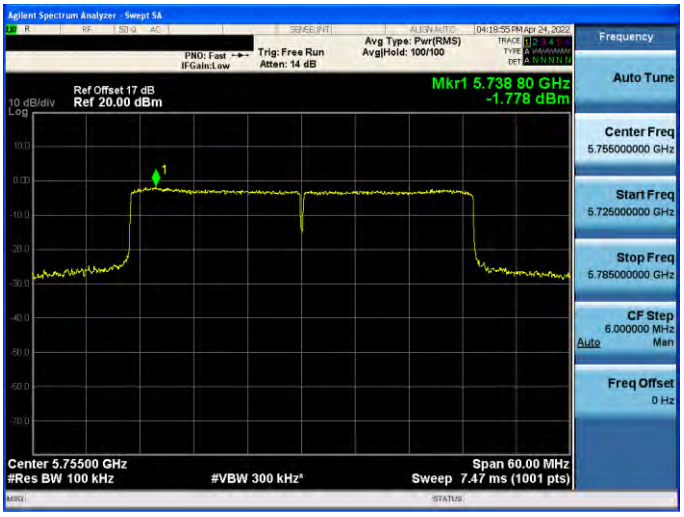
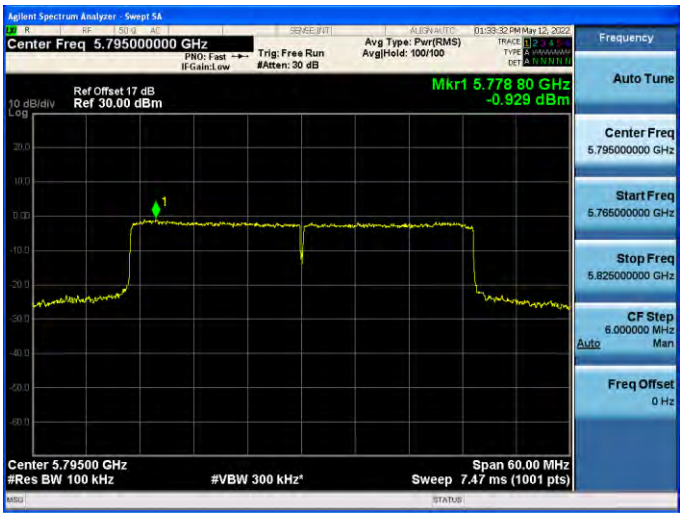
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

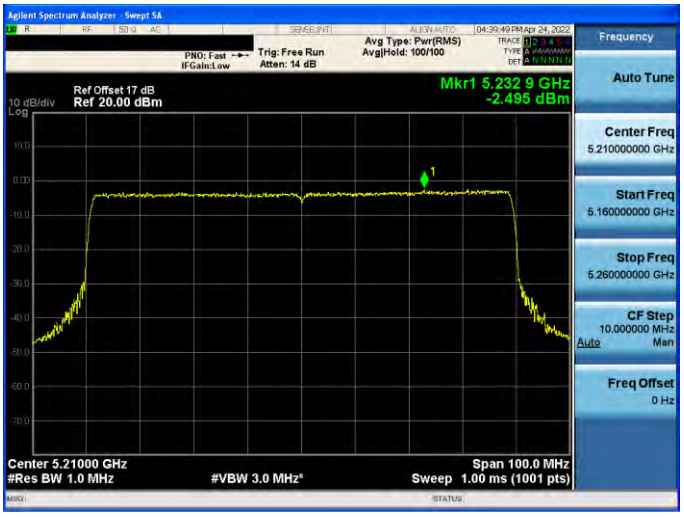
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

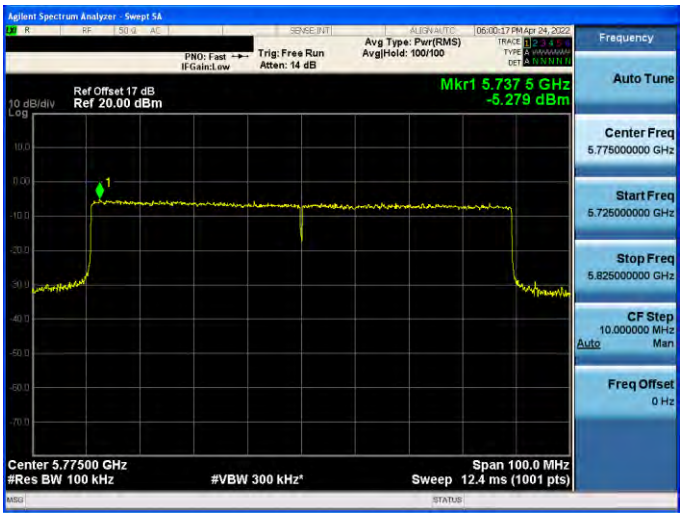
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode _ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

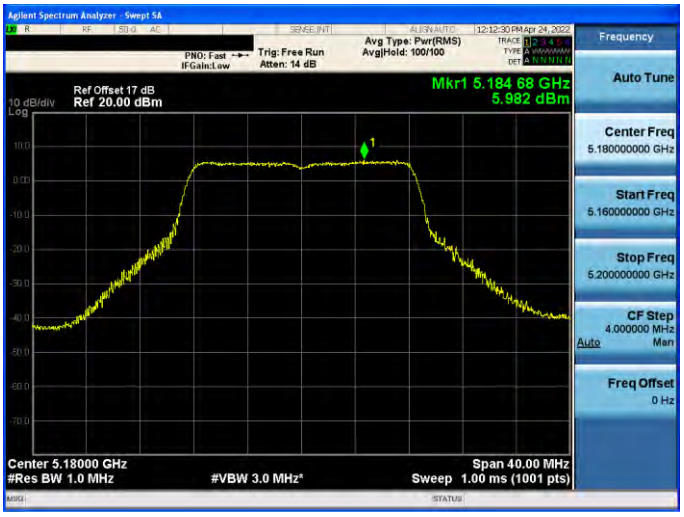
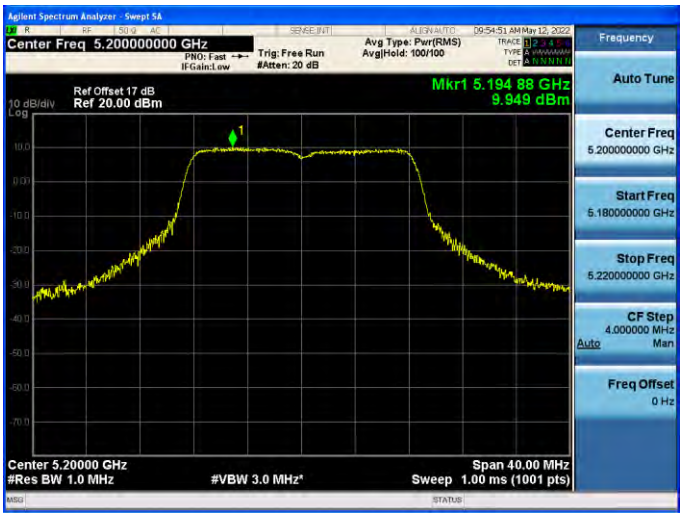
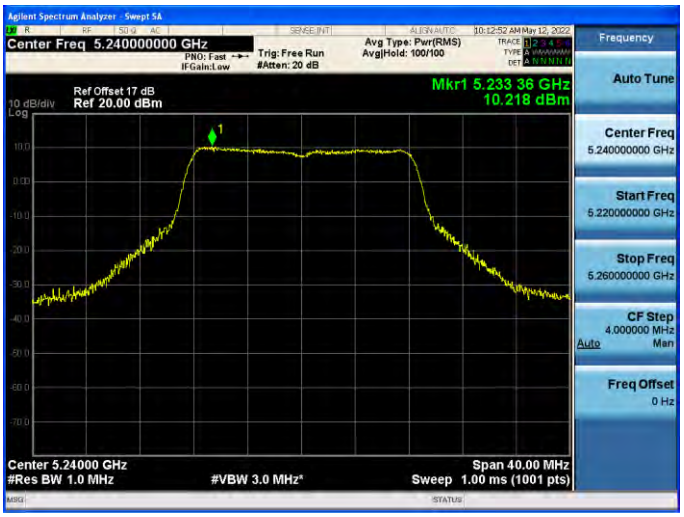
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode _ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

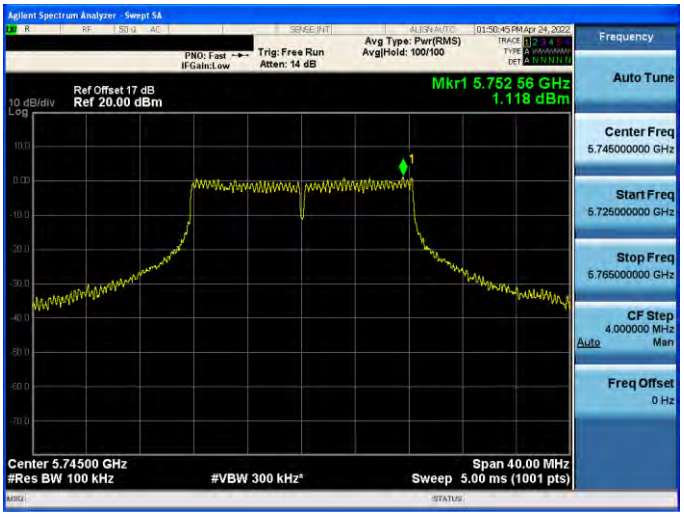
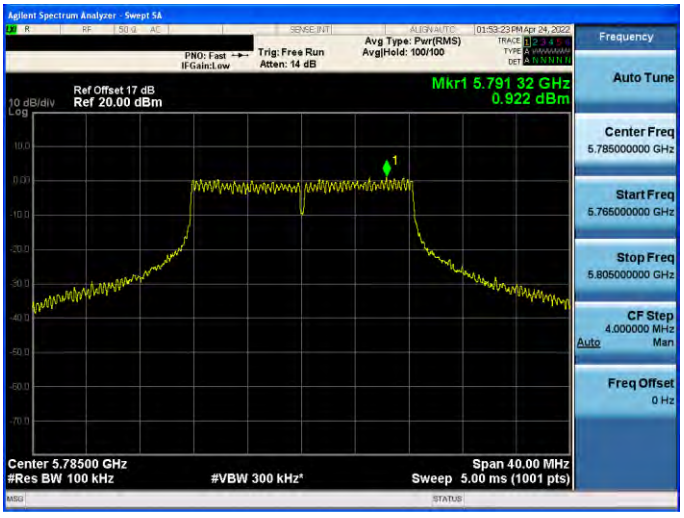
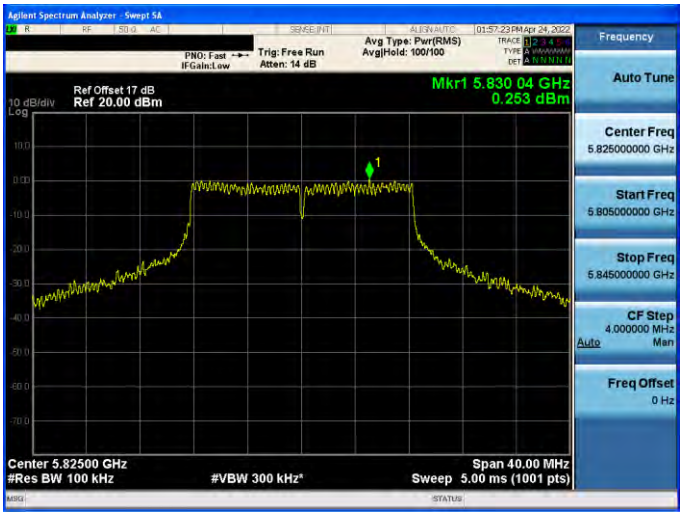
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ ANT-0	
5190 MHz	
5230 MHz	

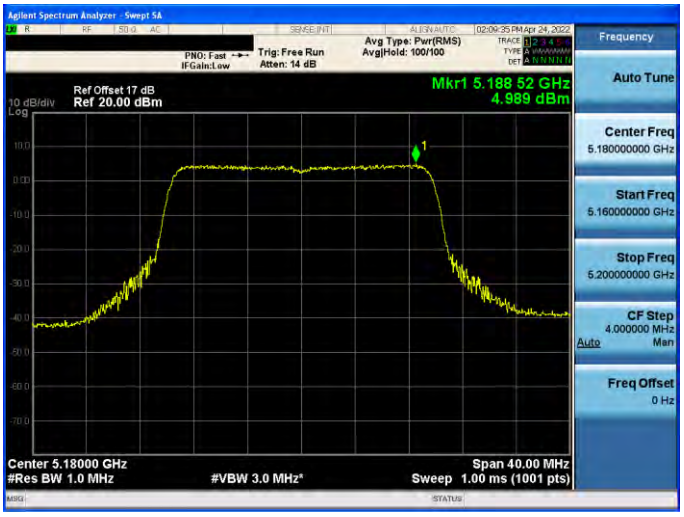
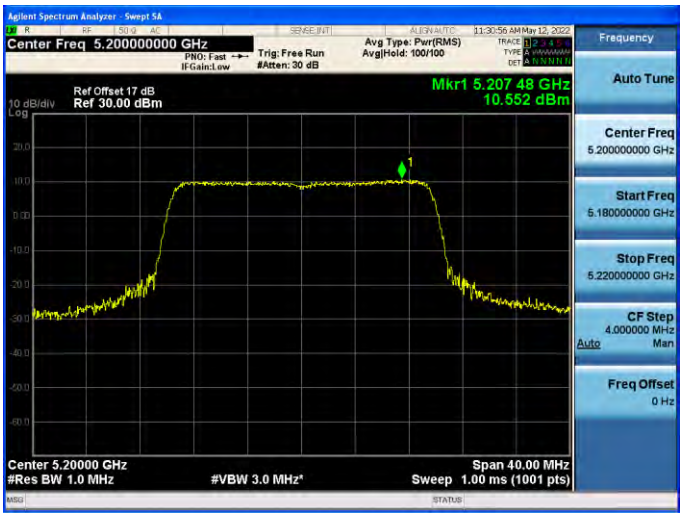
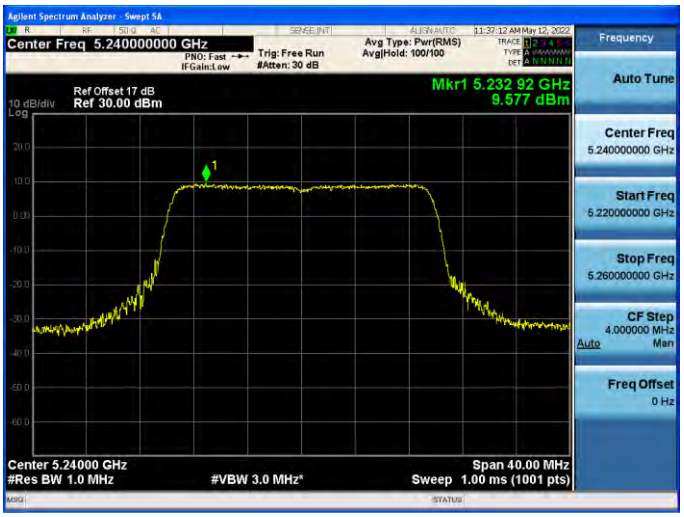
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ ANT-0	
5755 MHz	
5795 MHz	

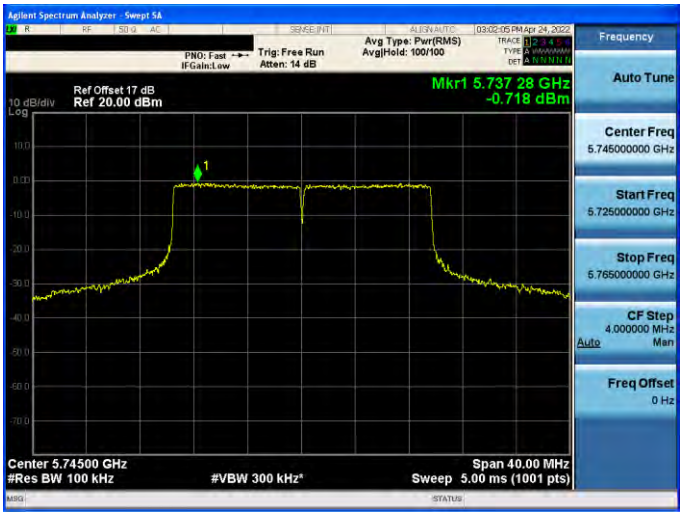
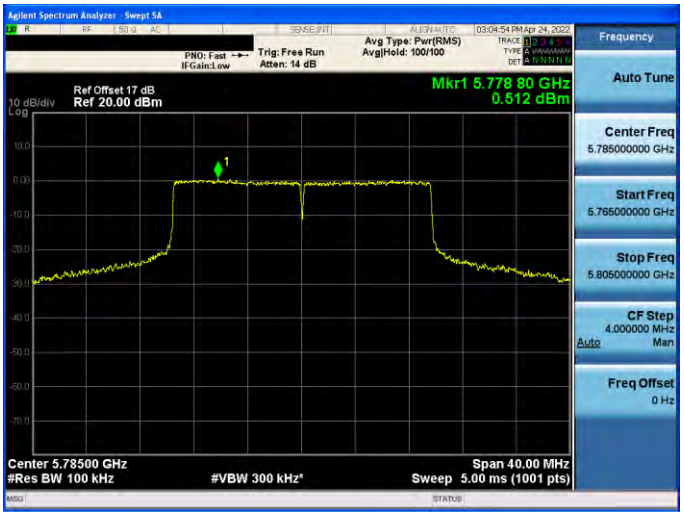
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode _ ANT-0	
5210 MHz	

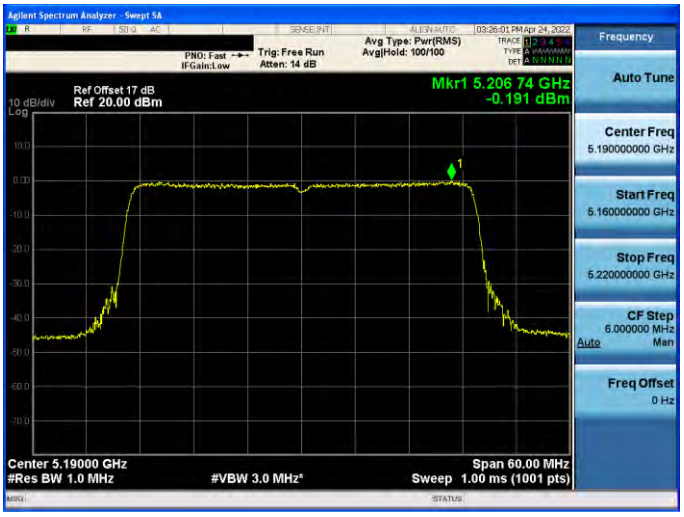
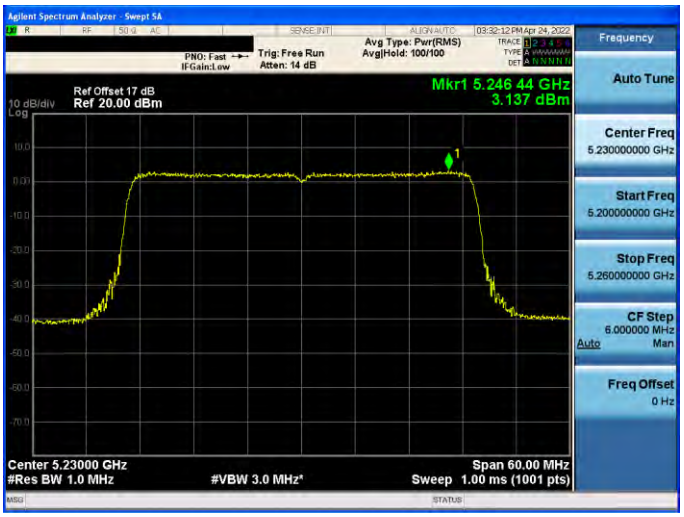
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode _ ANT-0	
5775 MHz	

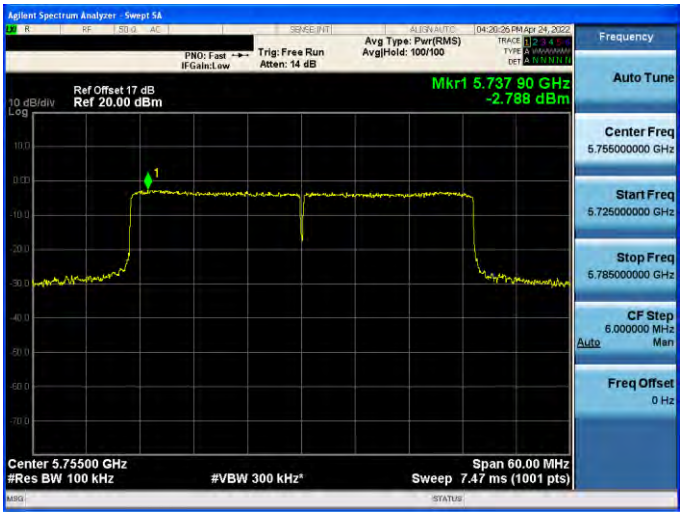
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

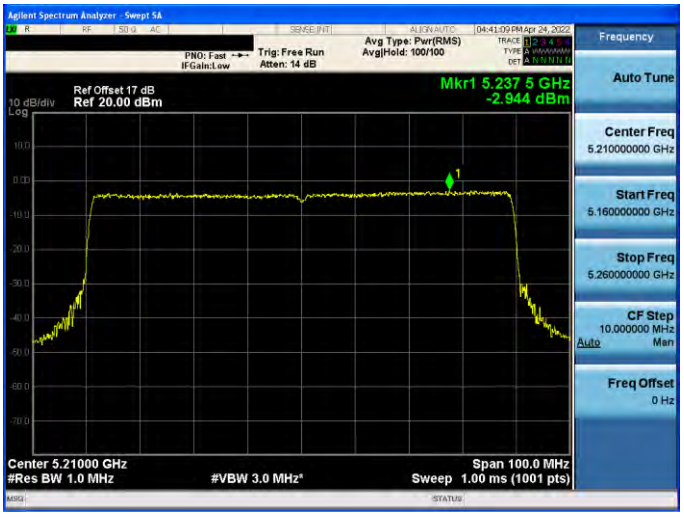
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

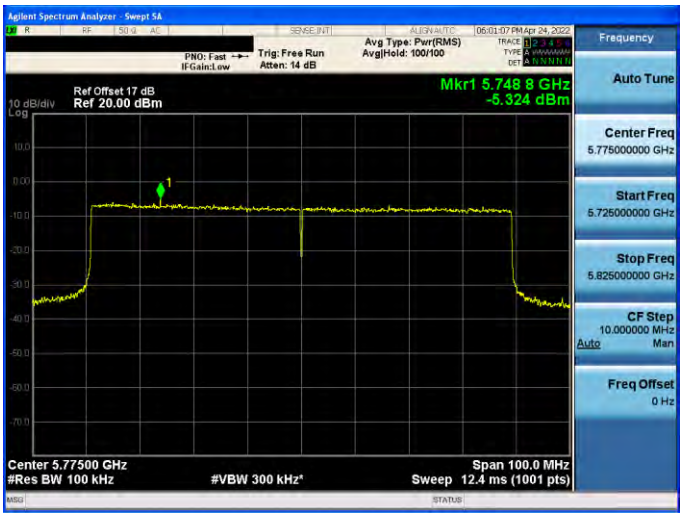
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode _ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

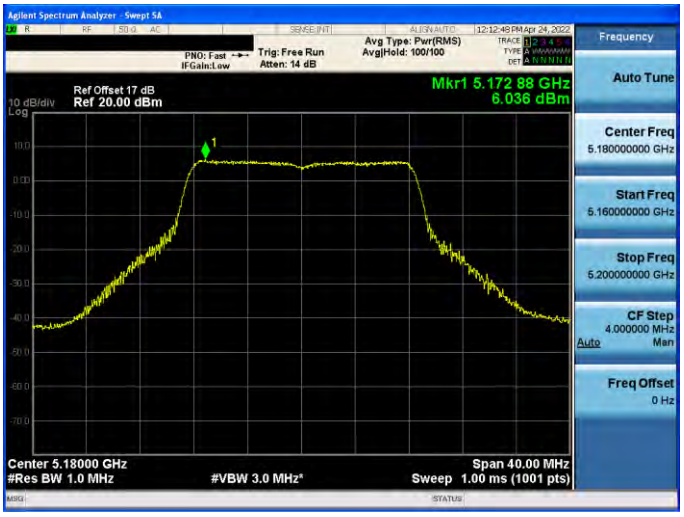
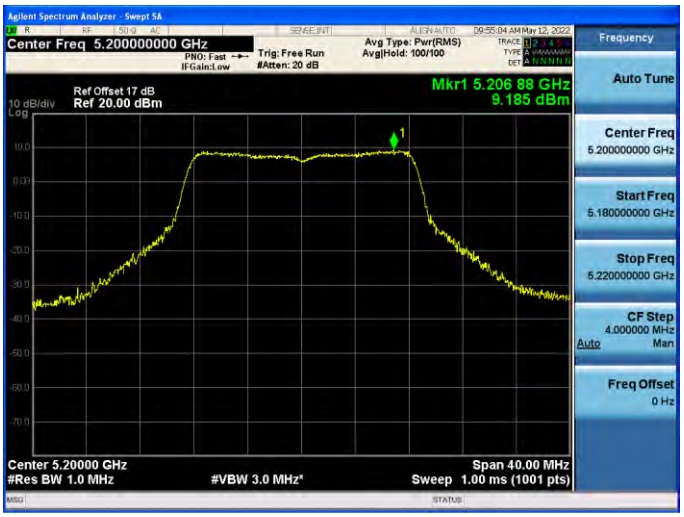
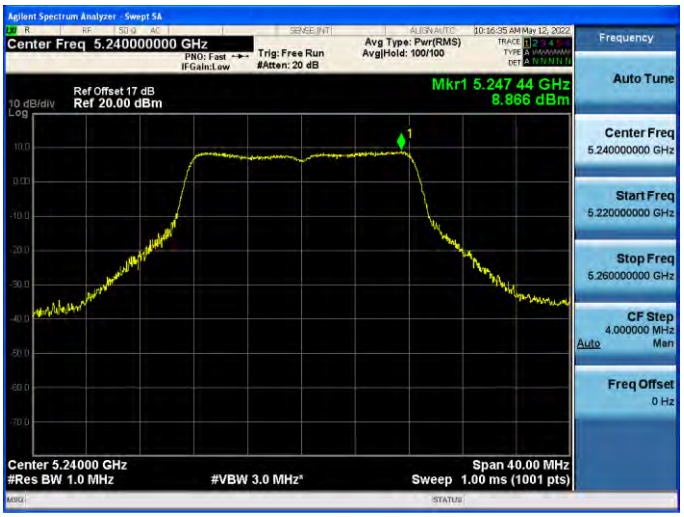
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode _ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

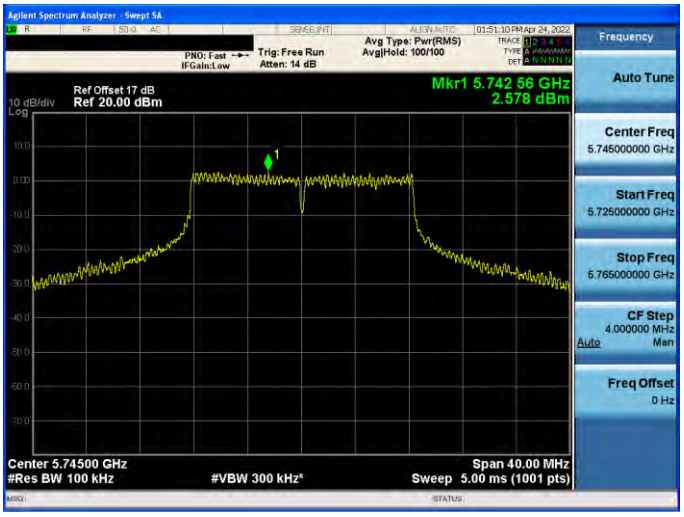
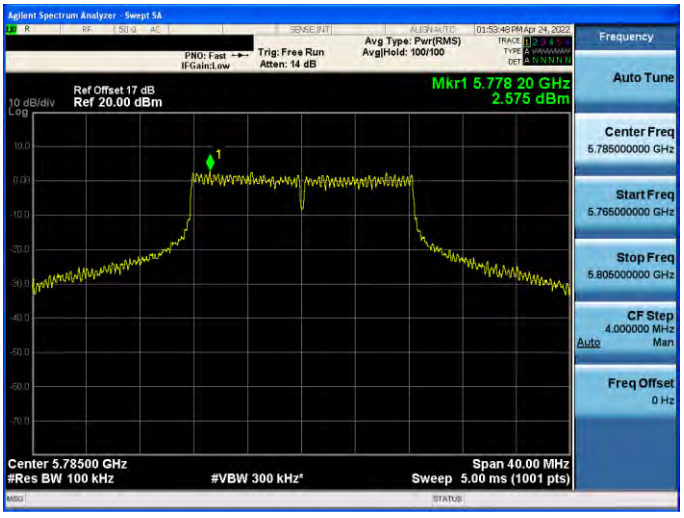
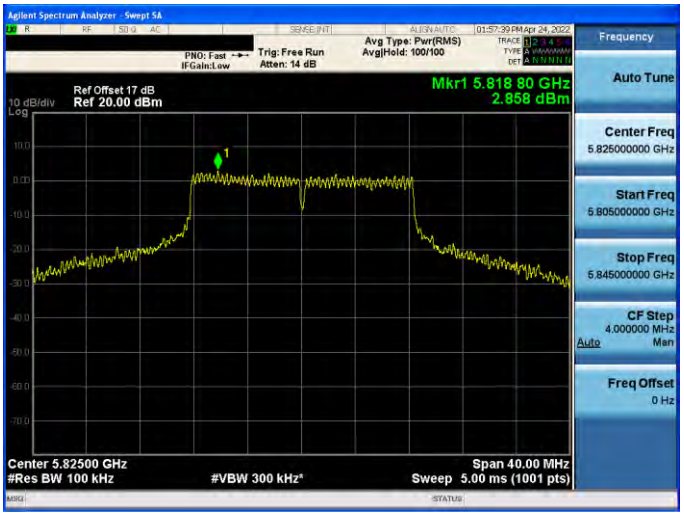
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ ANT-1	
5190 MHz	
5230 MHz	

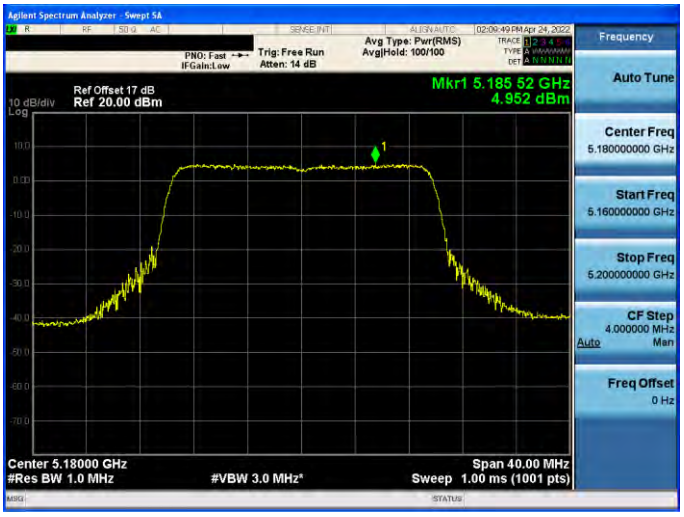
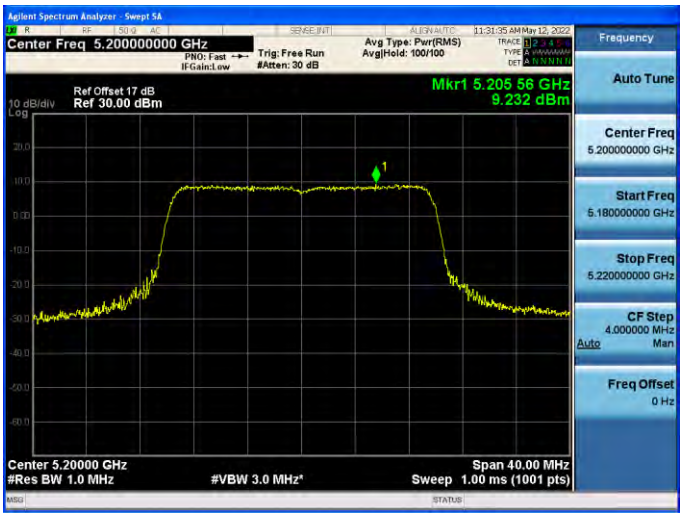
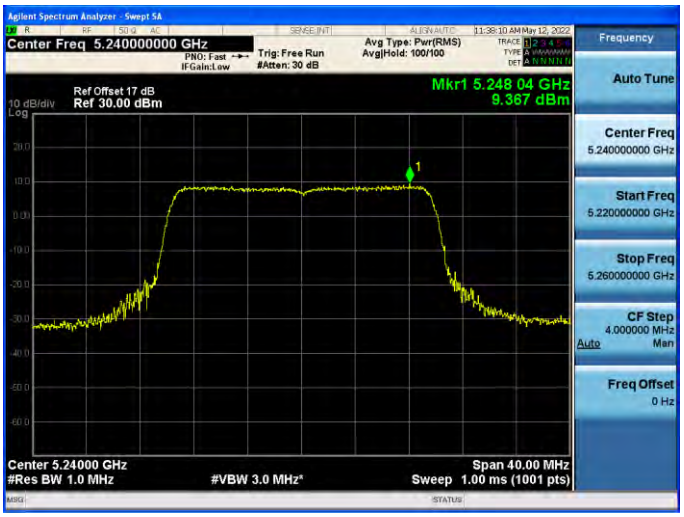
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ ANT-1	
5755 MHz	
5795 MHz	

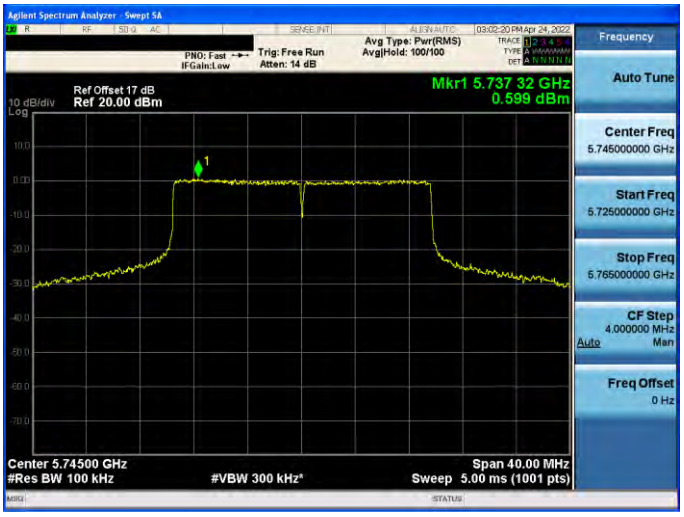
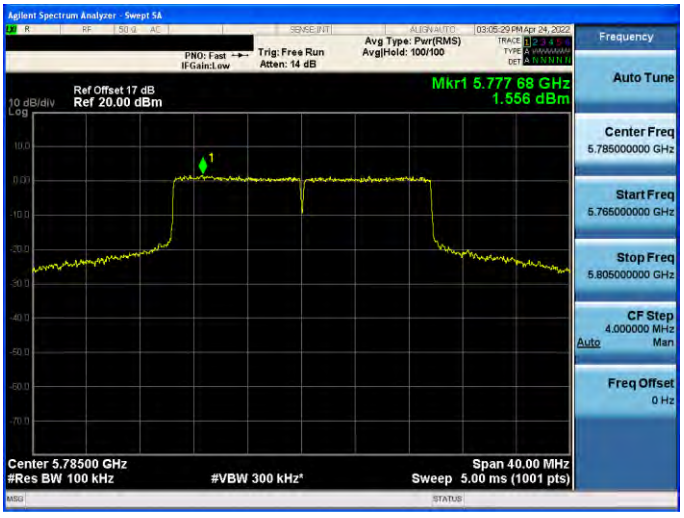
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode _ ANT-1	
5210 MHz	

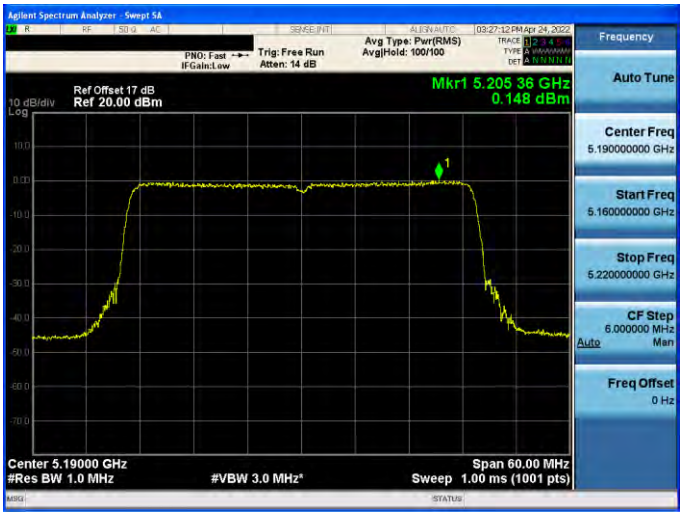
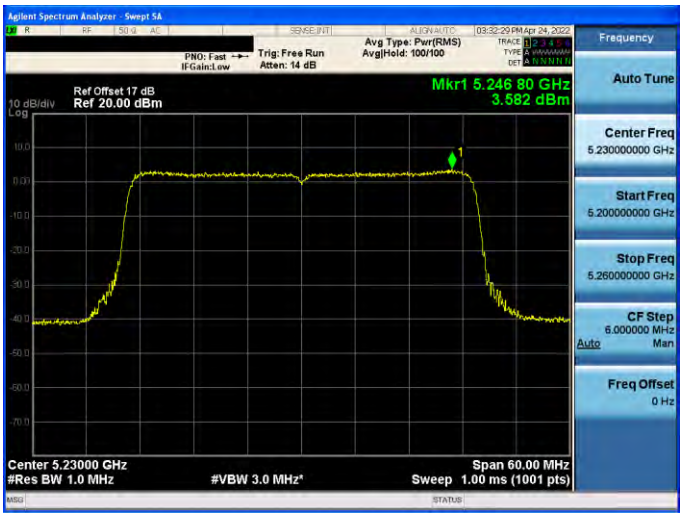
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode _ ANT-1	
5775 MHz	

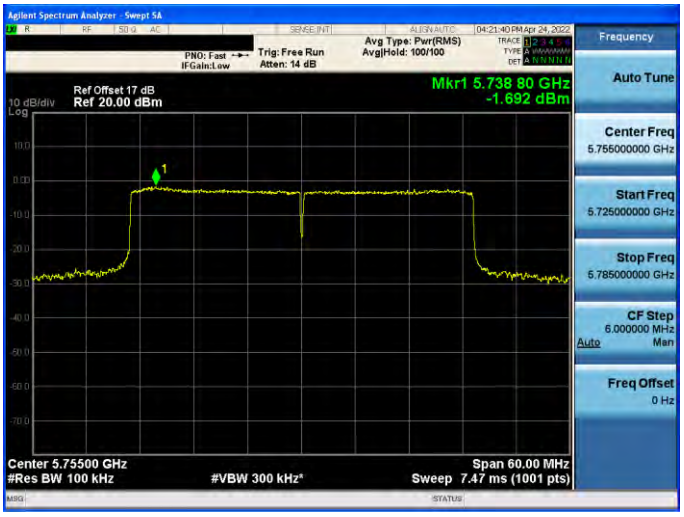
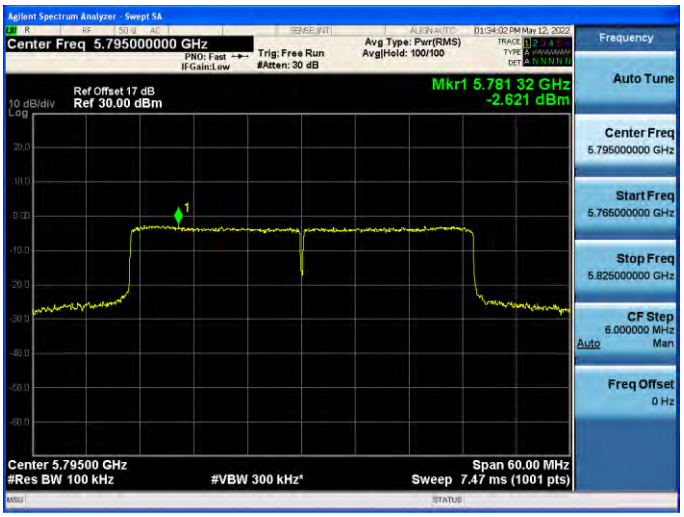
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	

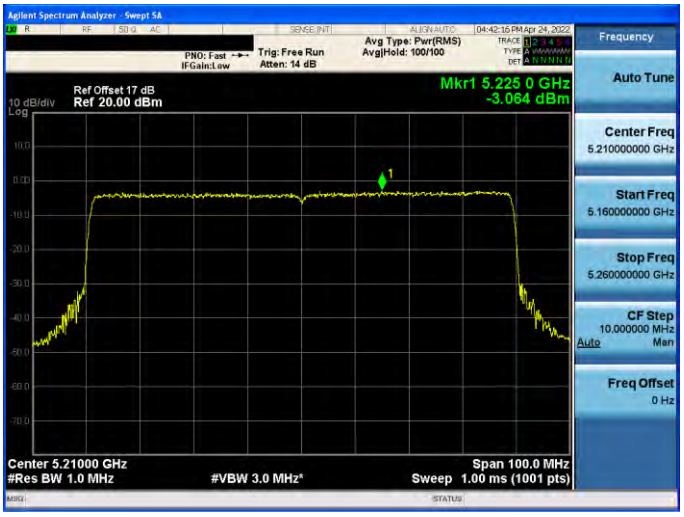
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-2	
5745 MHz	
5785 MHz	
5825 MHz	

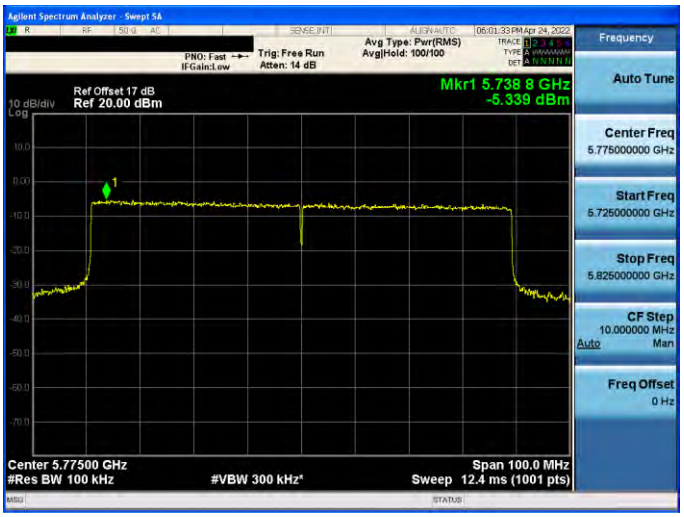
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode _ ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	

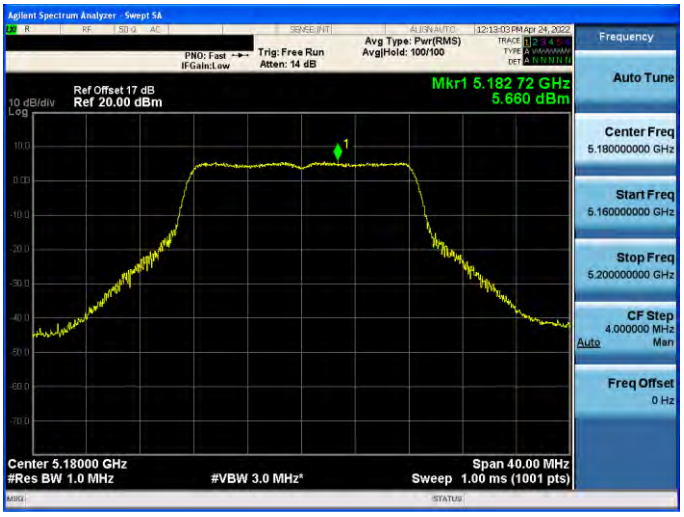
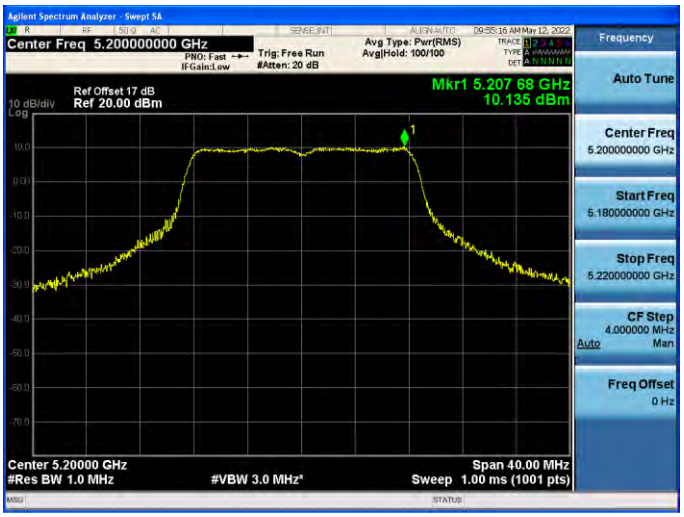
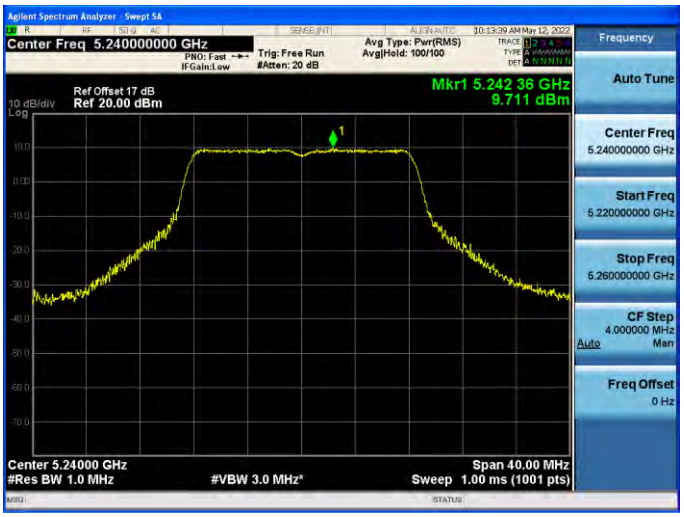
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode _ ANT-2	
5745 MHz	
5785 MHz	
5825 MHz	

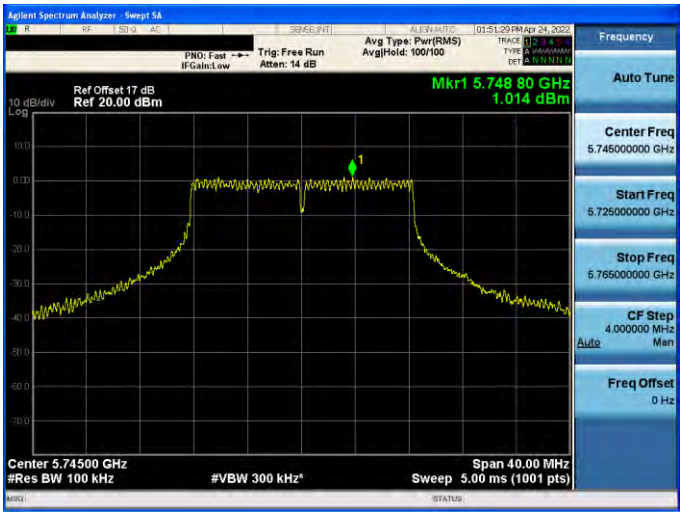
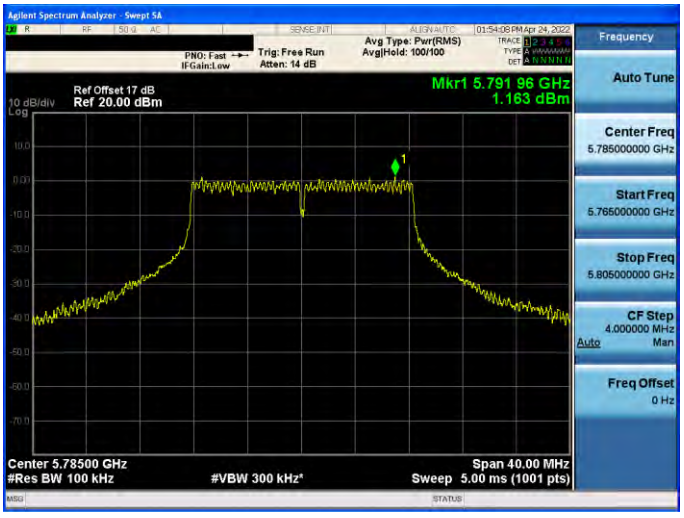
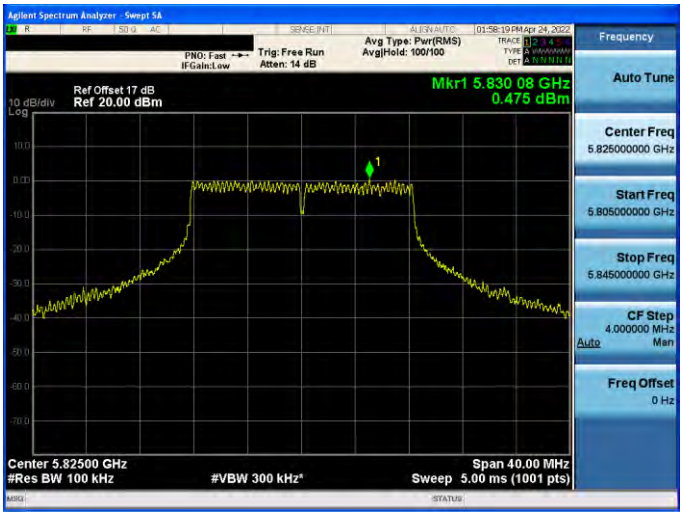
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ ANT-2	
5190 MHz	
5230 MHz	

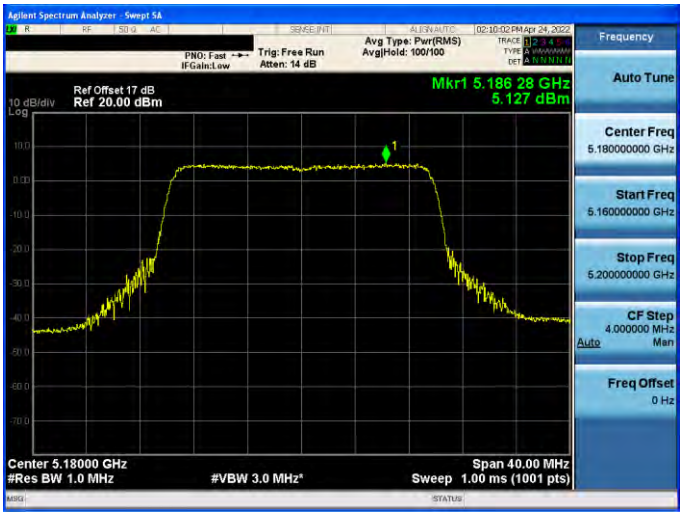
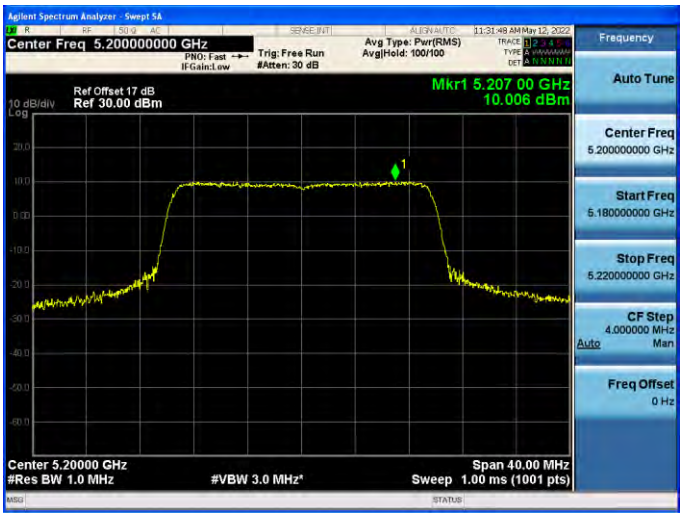
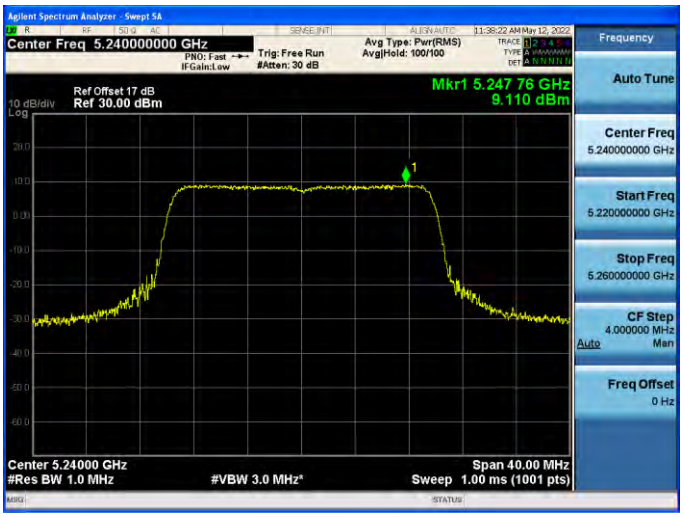
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ ANT-2	
5755 MHz	
5795 MHz	

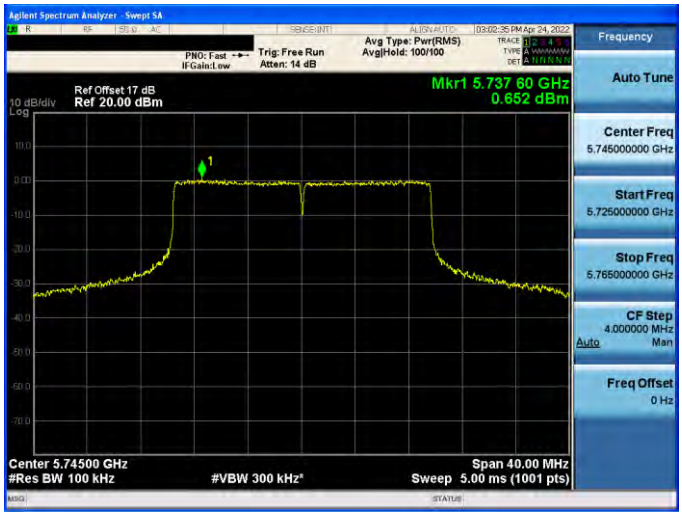
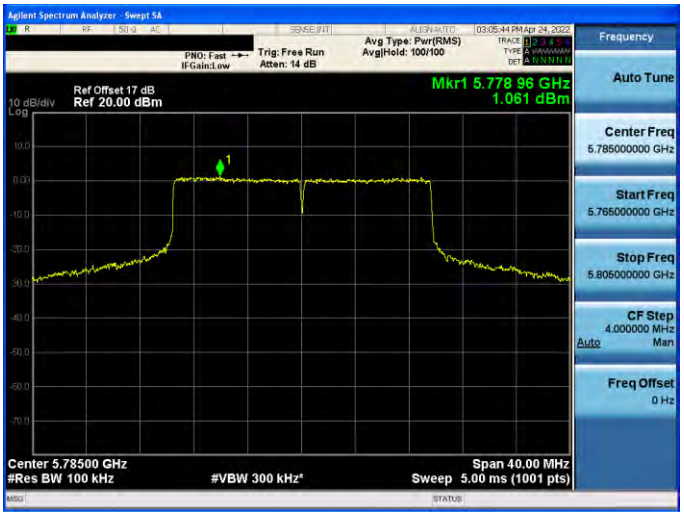
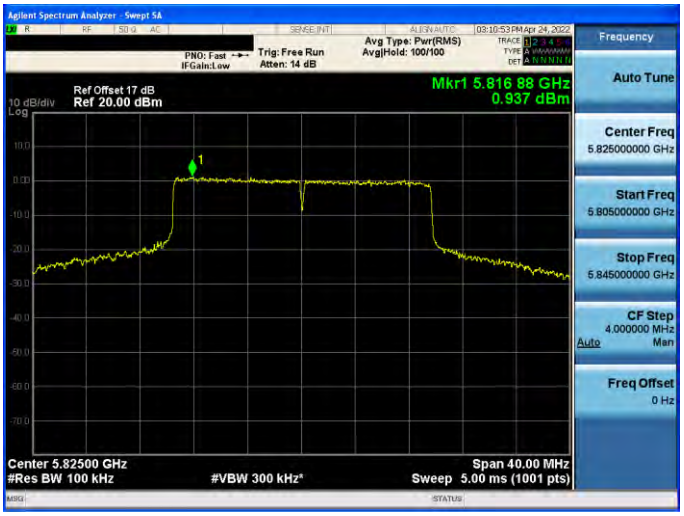
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode _ ANT-2	
5210 MHz	

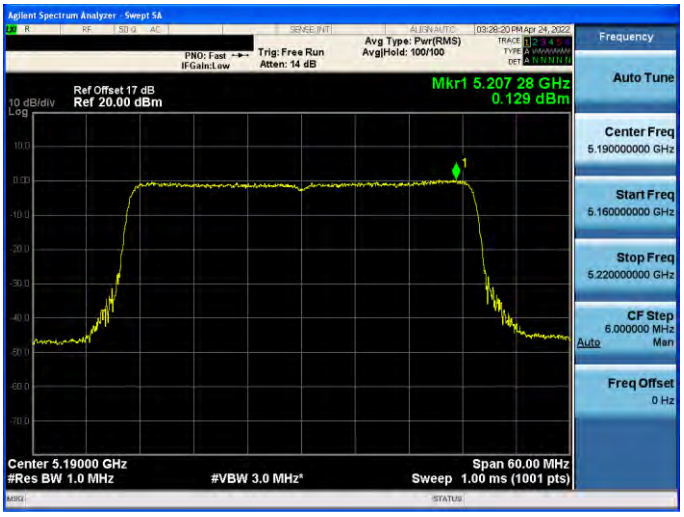
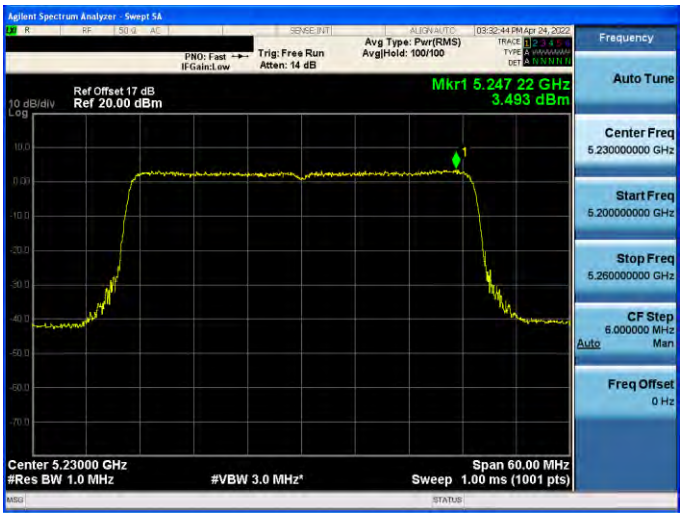
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode _ ANT-2	
5775 MHz	

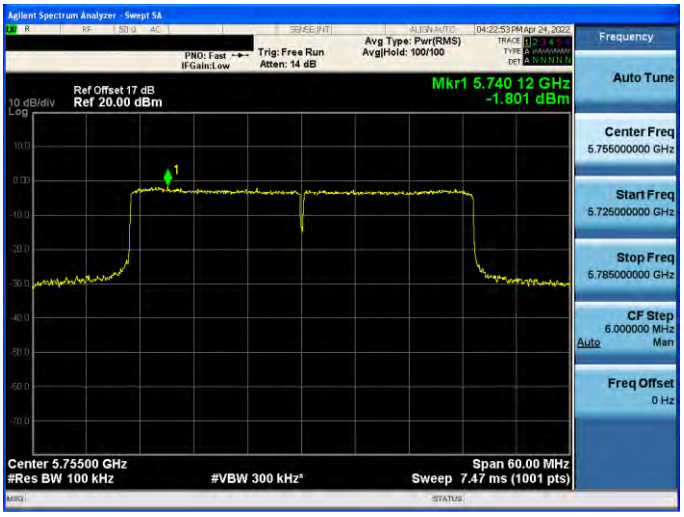
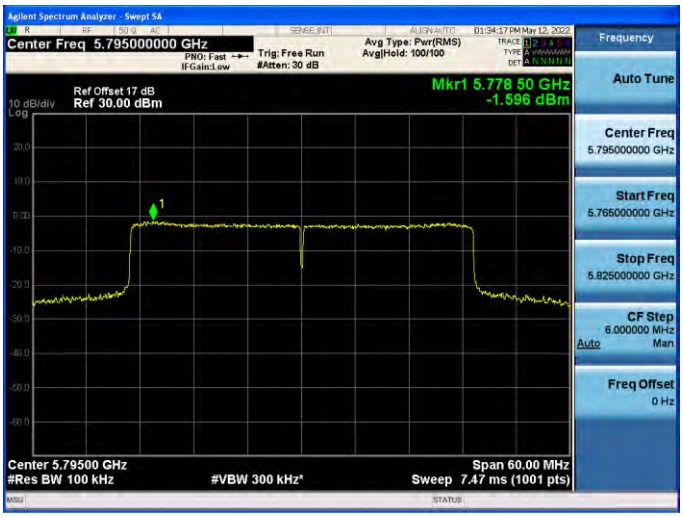
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-3	
5180 MHz	
5200 MHz	
5240 MHz	

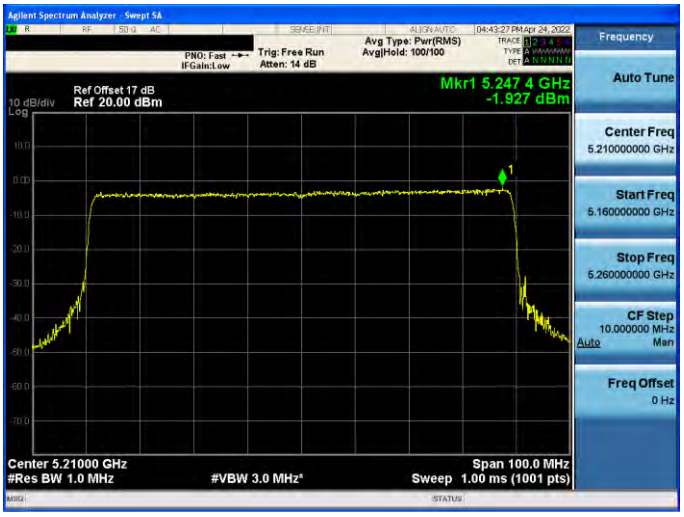
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-3	
5745 MHz	
5785 MHz	
5825 MHz	

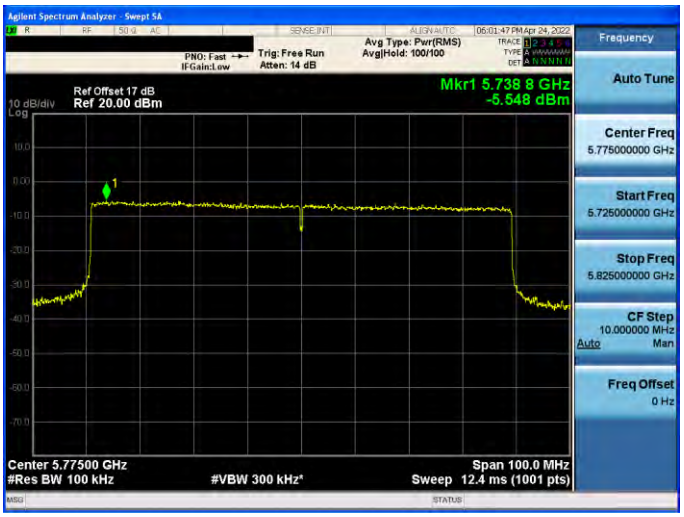
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode _ ANT-3	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode _ ANT-3	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ ANT-3	
5190 MHz	
5230 MHz	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode_ ANT-3	
5755 MHz	
5795 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode _ ANT-3	
5210 MHz	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode _ ANT-3	
5775 MHz	

---END---