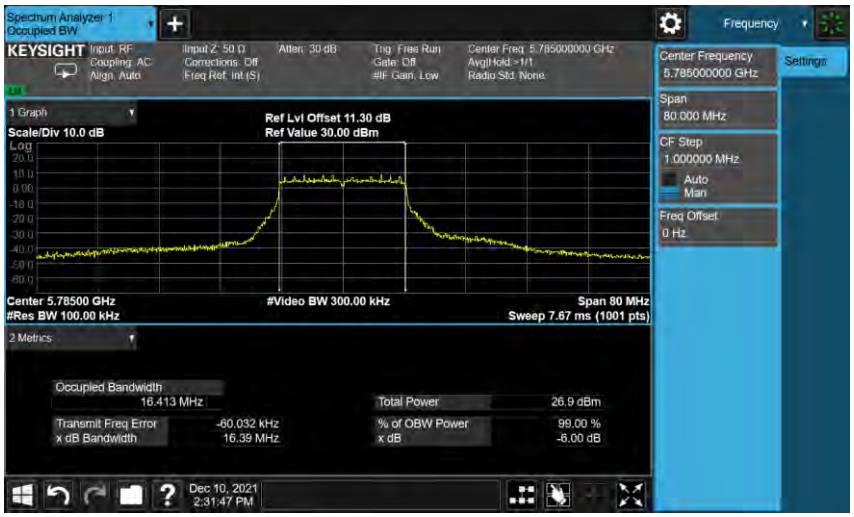
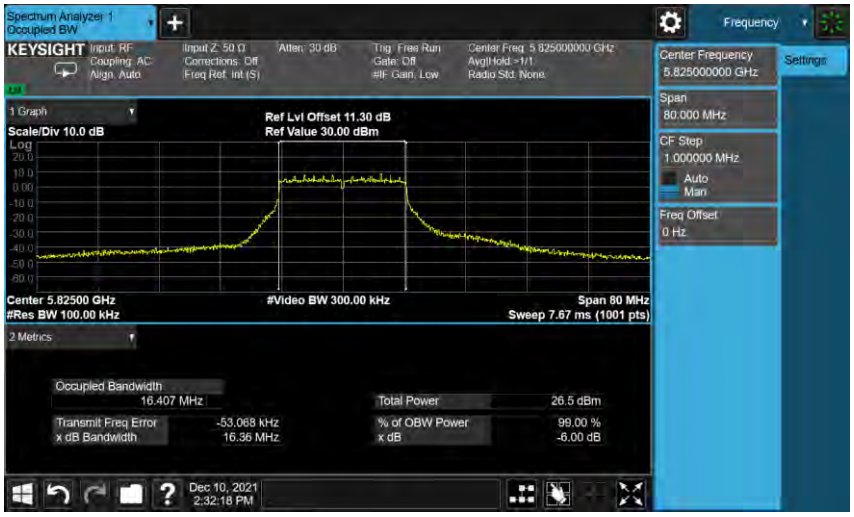
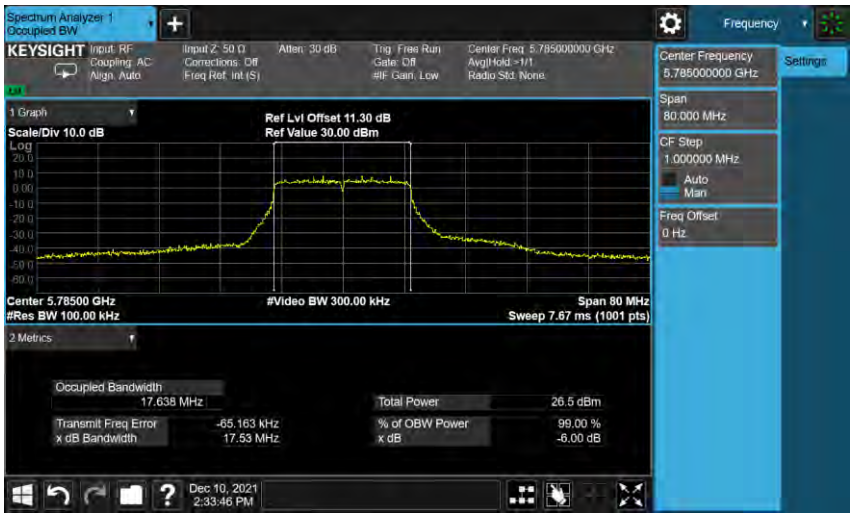
6 dB RF Bandwidth Measurement

Test Mode	Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3	Limit (kHz)
		Measurement Results (MHz)	Measurement Results (MHz)	Measurement Results (MHz)	Measurement Results (MHz)	
Mode 2	5745.0	16400	16400	16420	16410	≥ 500
	5785.0	16390	16350	16370	16390	≥ 500
	5825.0	16360	16390	16360	16430	≥ 500
Mode 5	5745.0	17570	17600	17230	16800	≥ 500
	5785.0	17530	17430	17740	17380	≥ 500
	5825.0	17560	17010	17590	17830	≥ 500
Mode 6	5755.0	35450	34050	35790	33240	≥ 500
	5795.0	35910	35450	35890	34430	≥ 500
Mode 7	5775.0	75860	76050	76090	76590	≥ 500

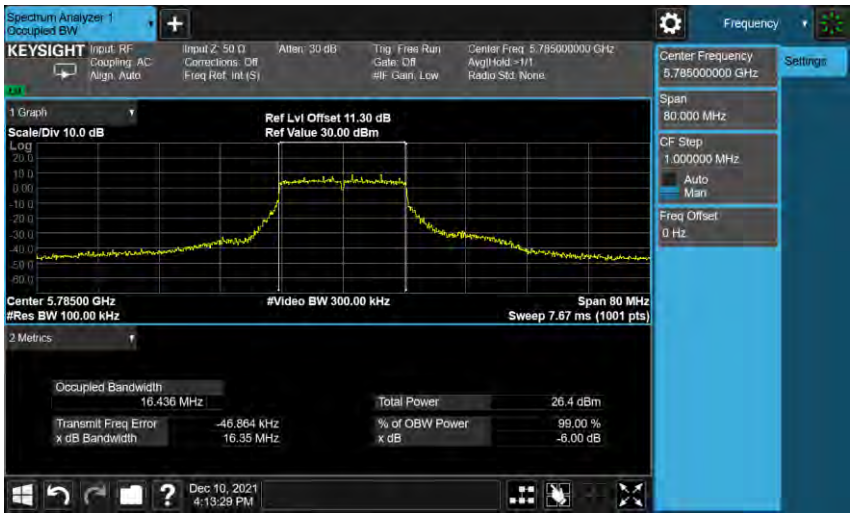
■ **Test Graphs**

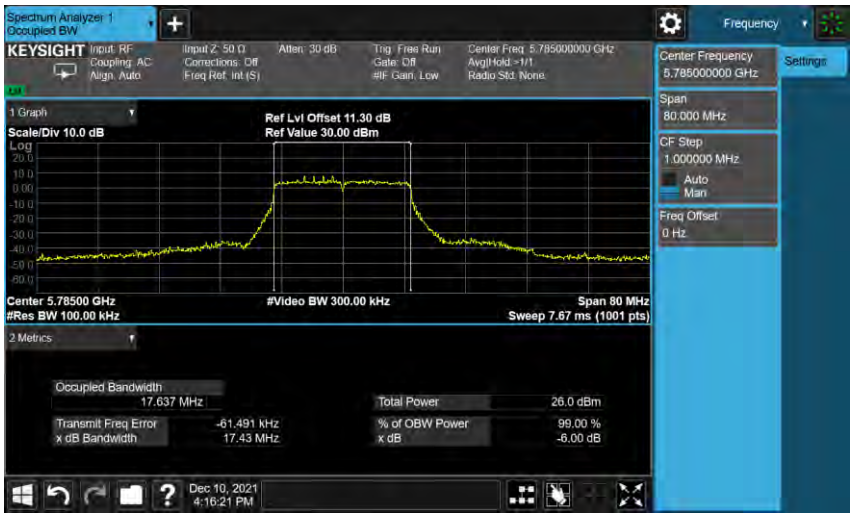
Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0	
5755 MHz	
5795 MHz	

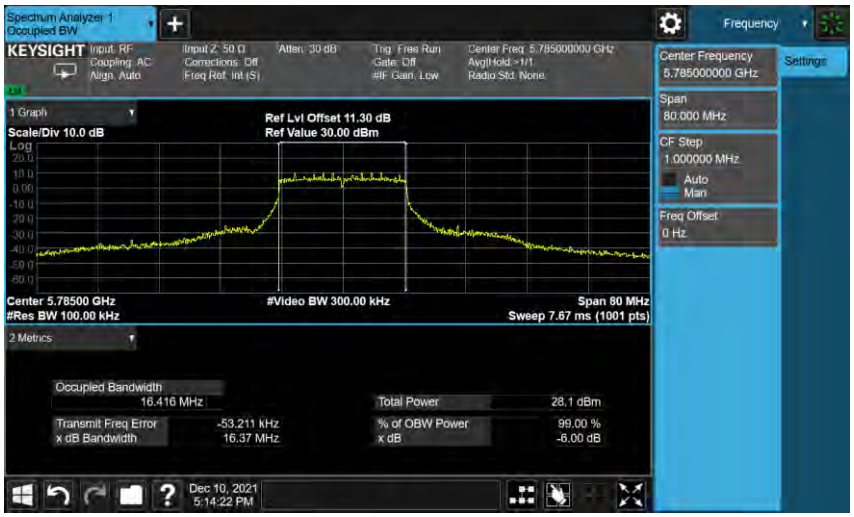
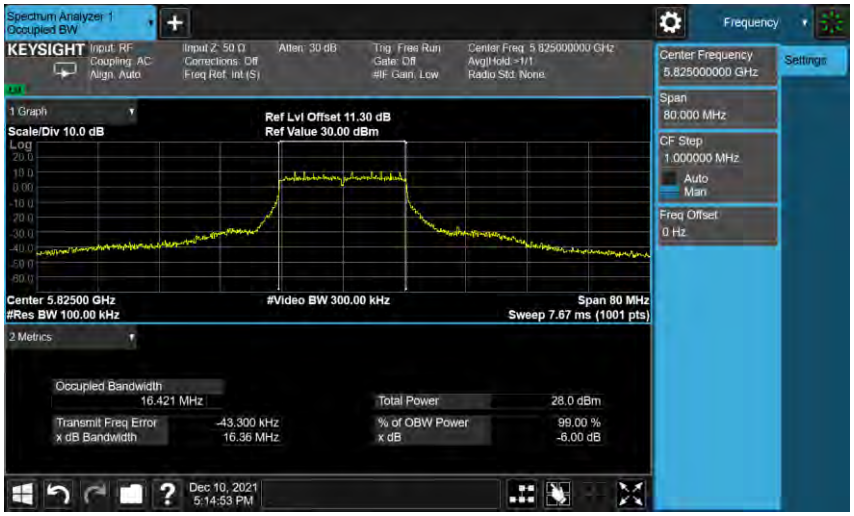
Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-0	
5775 MHz	

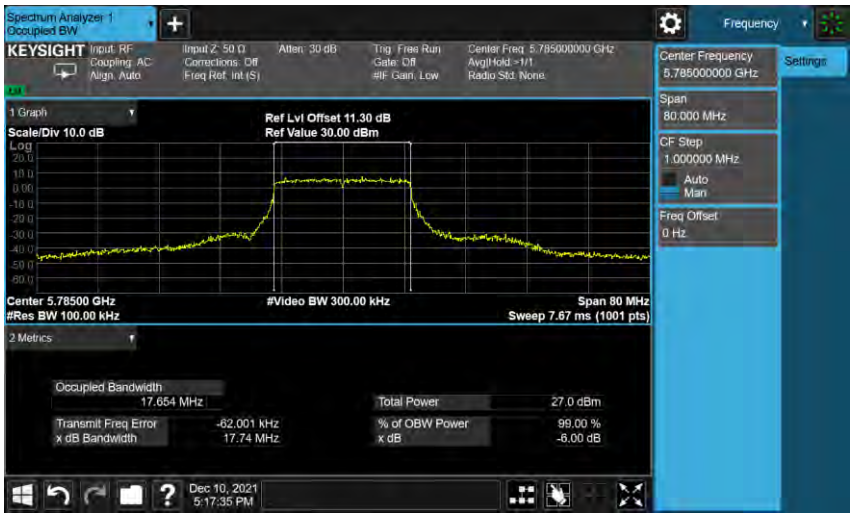
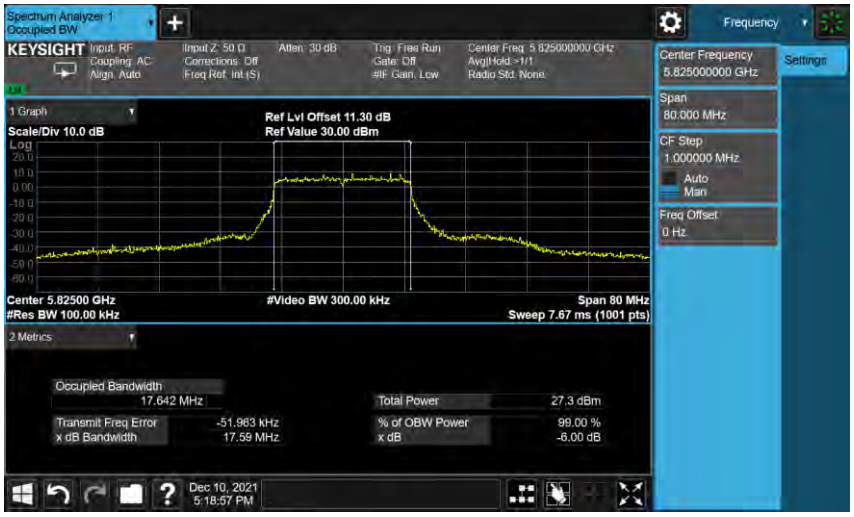
Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-1	
5775 MHz	

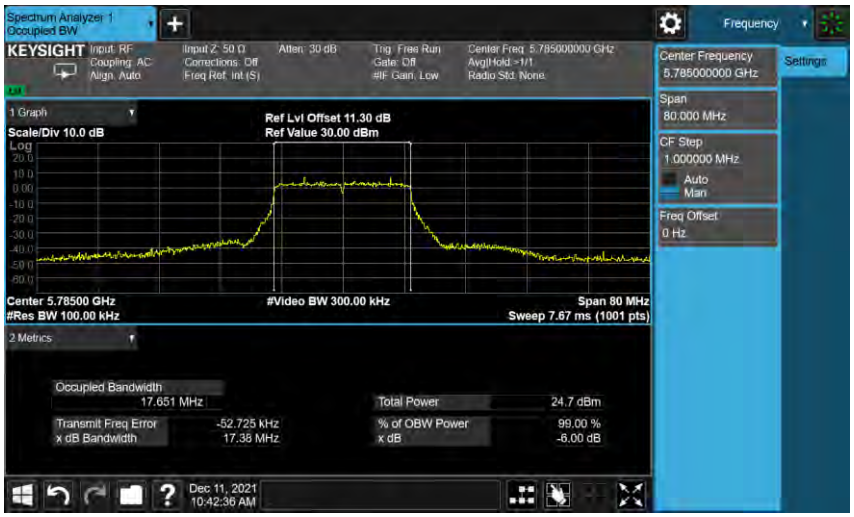
Mode 2: IEEE 802.11a Continuous TX mode_ANT-2	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-2	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-2	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 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 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-3	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-3	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-3	
5775 MHz	

Maximum Power Spectral Density Measurement

	Frequency (MHz)	ANT-0			ANT-1			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
Mode 2	5180.0	6.020	0.094	6.114	5.489	0.094	5.583	≤ 12.51
	5200.0	6.098	0.094	6.192	5.346	0.094	5.440	≤ 12.51
	5240.0	6.370	0.094	6.464	5.691	0.094	5.785	≤ 12.51

	Frequency (MHz)	ANT-2			ANT-3			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
Mode 2	5180.0	5.885	0.094	5.979	4.578	0.094	4.672	≤ 12.51
	5200.0	5.876	0.094	5.970	4.579	0.094	4.673	≤ 12.51
	5240.0	6.108	0.094	6.202	4.940	0.094	5.034	≤ 12.51

	Frequency (MHz)	ANT-0+1+2+3	Limit
		(dBm/MHz)	(dBm/MHz)
Mode 2	5180.0	11.643	≤ 12.51
	5200.0	11.628	≤ 12.51
	5240.0	11.925	≤ 12.51

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

Mode 2	Frequency (MHz)	ANT-0			ANT-1			Limit
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5745.0	-0.767	0.094	6.317	-0.790	0.094	6.294	≤ 24.53
	5785.0	-0.603	0.094	6.481	-0.814	0.094	6.270	≤ 24.53
	5825.0	-1.188	0.094	5.896	-0.938	0.094	6.146	≤ 24.53

Mode 2	Frequency (MHz)	ANT-2			ANT-3			Limit
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5745.0	-0.850	0.094	6.234	-1.376	0.094	5.708	≤ 24.53
	5785.0	-1.011	0.094	6.073	-1.874	0.094	5.210	≤ 24.53
	5825.0	-0.912	0.094	6.172	-1.979	0.094	5.105	≤ 24.53

Mode 2	Frequency (MHz)	ANT-0+1+2+3	Limit
		Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5745.0	12.166	≤ 24.53
	5785.0	12.055	≤ 24.53
	5825.0	11.871	≤ 24.53

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)

	Frequency (MHz)	ANT-0			ANT-1			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
Mode 5	5180.0	7.062	0.383	7.445	6.739	0.383	7.122	≤ 17.00
	5200.0	7.280	0.383	7.663	6.618	0.383	7.001	≤ 17.00
	5240.0	7.558	0.383	7.941	6.626	0.383	7.009	≤ 17.00

	Frequency (MHz)	ANT-2			ANT-3			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
Mode 5	5180.0	6.769	0.383	7.152	5.662	0.383	6.045	≤ 17.00
	5200.0	6.920	0.383	7.303	5.816	0.383	6.199	≤ 17.00
	5240.0	7.219	0.383	7.602	5.569	0.383	5.952	≤ 17.00

	Frequency (MHz)	ANT-0+1+2+3	Limit
		(dBm/MHz)	(dBm/MHz)
Mode 5	5180.0	12.993	≤ 17.00
	5200.0	13.095	≤ 17.00
	5240.0	13.210	≤ 17.00

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

Mode 5	Frequency (MHz)	ANT-0			ANT-1			Limit
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5745.0	-2.684	0.383	4.688	-2.458	0.383	4.914	≤ 30.00
	5785.0	-2.641	0.383	4.731	-2.673	0.383	4.699	≤ 30.00
	5825.0	-3.087	0.383	4.285	-2.920	0.383	4.452	≤ 30.00

Mode 5	Frequency (MHz)	ANT-2			ANT-3			Limit
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5745.0	-2.593	0.383	4.779	-2.908	0.383	4.464	≤ 30.00
	5785.0	-2.492	0.383	4.880	-3.082	0.383	4.290	≤ 30.00
	5825.0	-2.587	0.383	4.785	-3.186	0.383	4.186	≤ 30.00

Mode 5	Frequency (MHz)	ANT-0+1+2+3	Limit
		Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5745.0	10.735	≤ 30.00
	5785.0	10.676	≤ 30.00
	5825.0	10.454	≤ 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)

Mode 6	Frequency (MHz)	ANT-0			ANT-1			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
	5190.0	1.578	0.041	1.619	1.731	0.041	1.772	≤ 17.00
	5230.0	4.257	0.041	4.298	3.516	0.041	3.557	≤ 17.00

Mode 6	Frequency (MHz)	ANT-2			ANT-3			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
	5190.0	2.099	0.041	2.140	3.399	0.041	3.440	≤ 17.00
	5230.0	3.903	0.041	3.944	2.223	0.041	2.264	≤ 17.00

Mode 6	Frequency (MHz)	ANT-0+1+2+3	Limit
		(dBm/MHz)	(dBm/MHz)
	5190.0	8.325	≤ 17.00
	5230.0	9.601	≤ 17.00

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

Mode 6	Frequency (MHz)	ANT-0			ANT-1			Limit
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5755.0	-6.534	0.041	0.496	-6.039	0.041	0.991	≤ 30.00
	5795.0	-6.725	0.041	0.305	-6.396	0.041	0.634	≤ 30.00

Mode 6	Frequency (MHz)	ANT-2			ANT-3			Limit
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5755.0	-5.469	0.041	1.561	-6.914	0.041	0.116	≤ 30.00
	5795.0	-5.317	0.041	1.713	-7.299	0.041	-0.269	≤ 30.00

Mode 6	Frequency (MHz)	ANT-0+1+2+3	Limit
		Calculated (dBm/500 kHz)	(dBm/500 kHz)
	5755.0	6.846	≤ 30.00
	5795.0	6.678	≤ 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)

Mode 7	Frequency (MHz)	ANT-0			ANT-1			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
	5210.0	-7.076	0.167	-6.909	-6.845	0.167	-6.678	≤ 17.00

Mode 7	Frequency (MHz)	ANT-2			ANT-3			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
	5210.0	-6.787	0.167	-6.620	-5.201	0.167	-5.034	≤ 17.00

Mode 7	Frequency (MHz)	ANT-0+1+2+3	Limit
		(dBm/MHz)	(dBm/MHz)
	5210.0	-0.222	≤ 17.00

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

Mode 7	Frequency (MHz)	ANT-0			ANT-1			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
	5775.0	-7.085	0.167	0.071	-7.407	0.167	-0.251	≤ 30.00

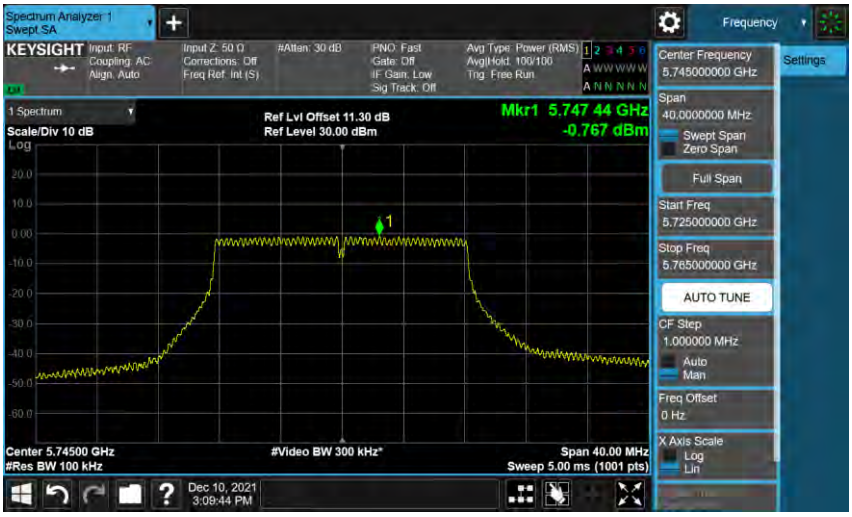
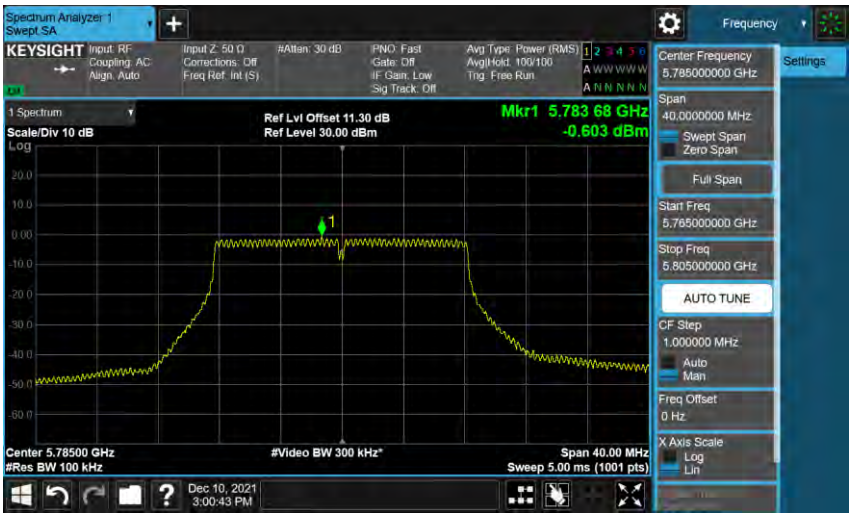
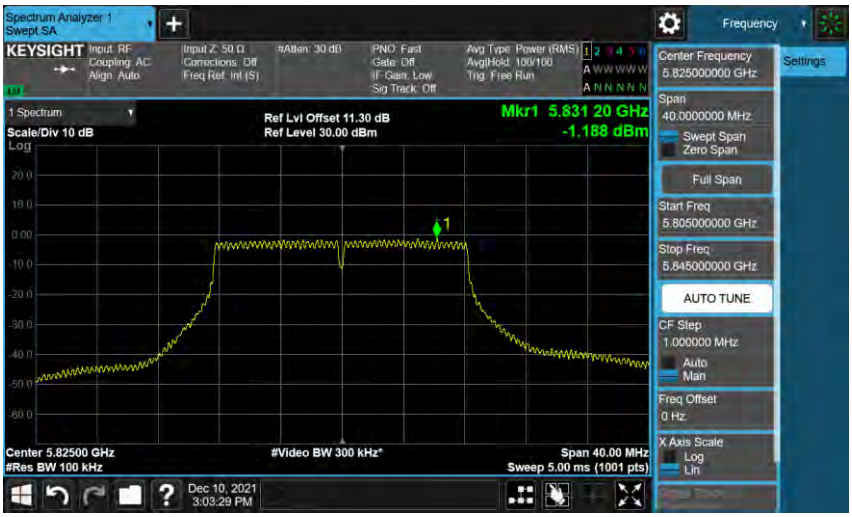
Mode 7	Frequency (MHz)	ANT-2			ANT-3			Limit
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	(dBm/MHz)
	5775.0	-7.306	0.167	-0.150	-8.637	0.167	-1.481	≤ 30.00

Mode 7	Frequency (MHz)	ANT-0+1+2+3	Limit
		(dBm/MHz)	(dBm/MHz)
	5775.0	5.608	≤ 30.00

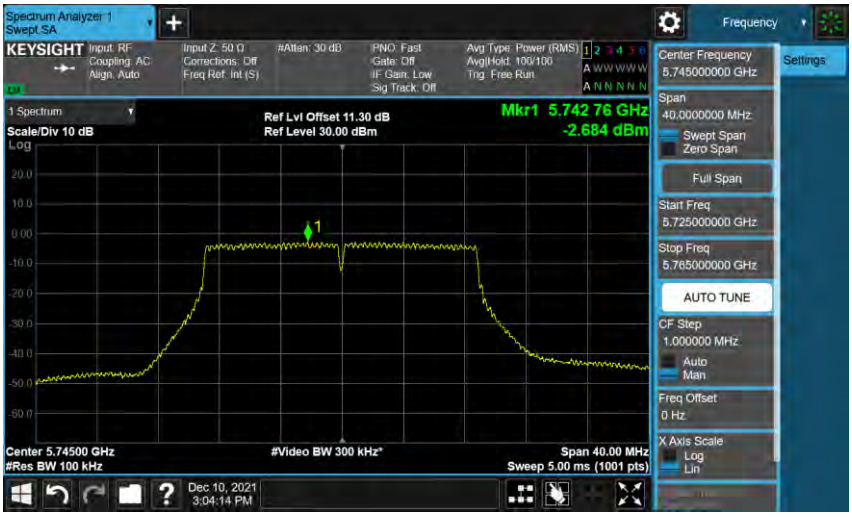
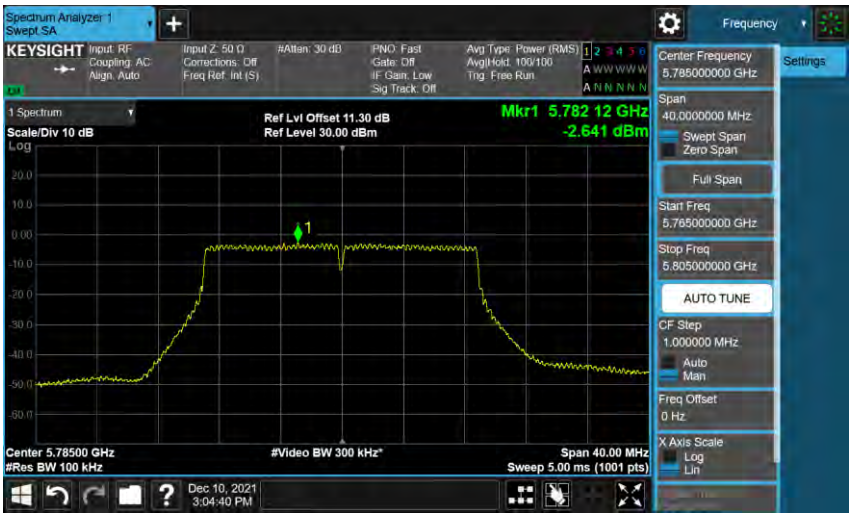
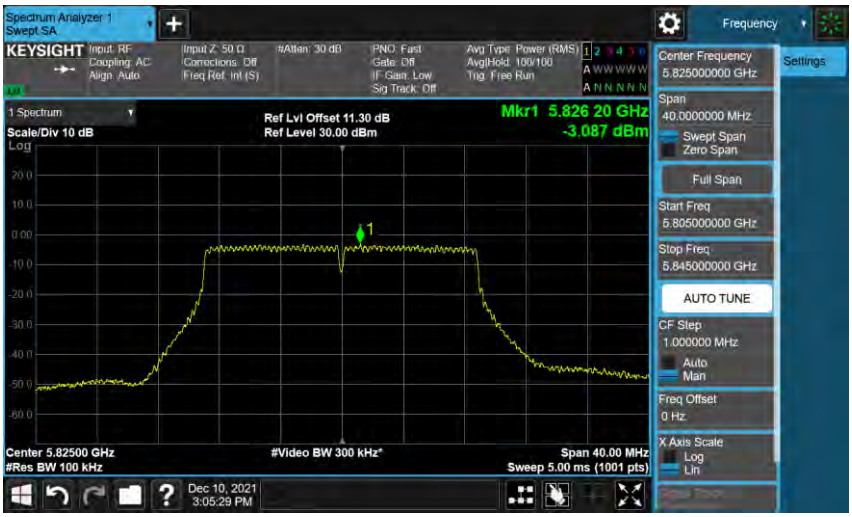
Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

■ **Test Graphs**

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

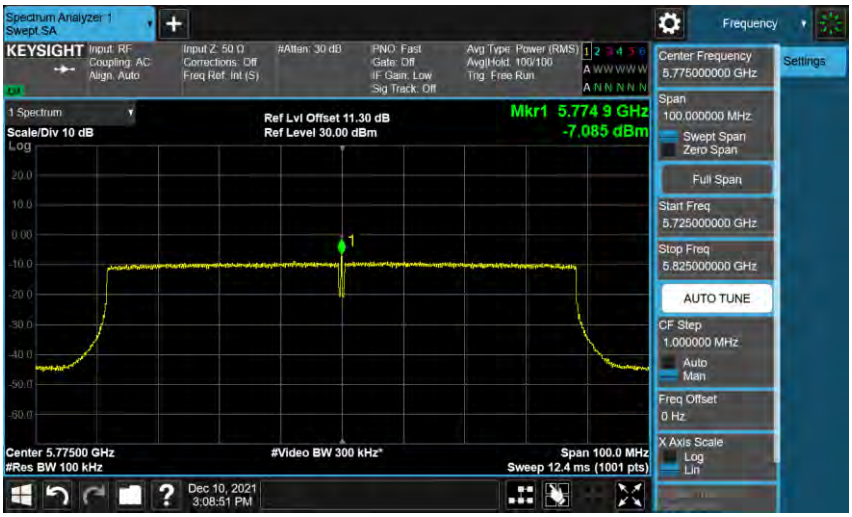
Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

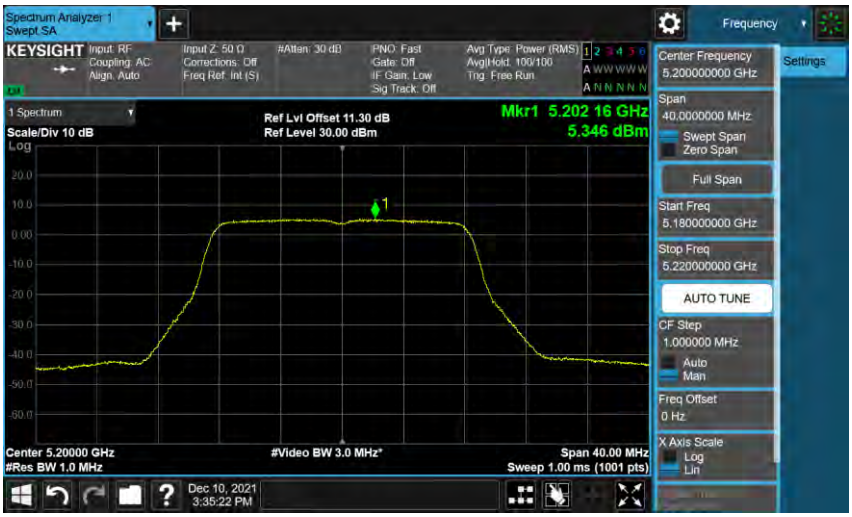
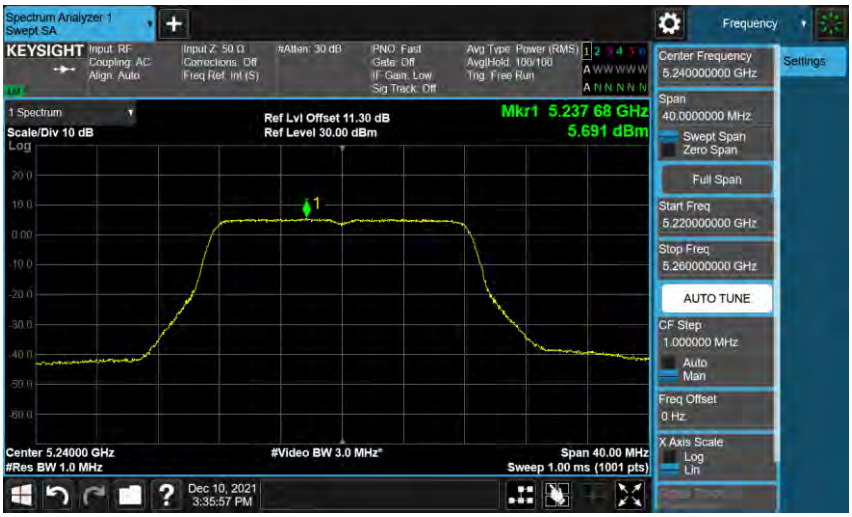
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

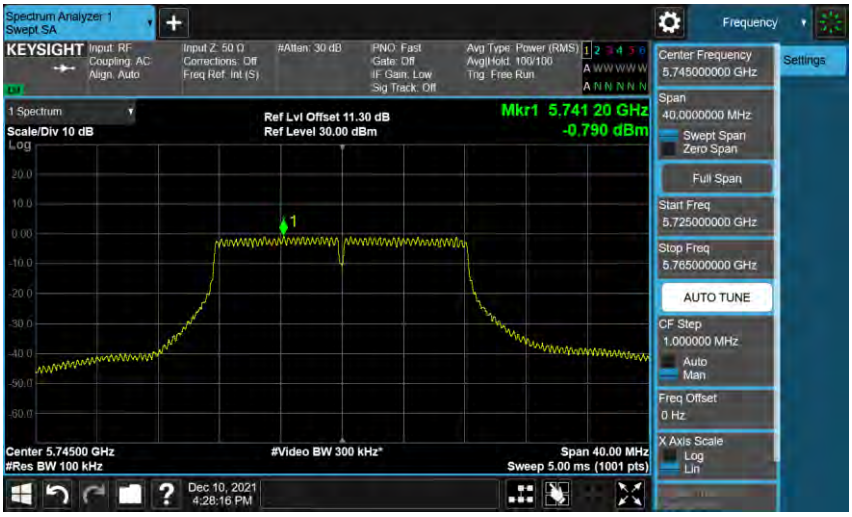
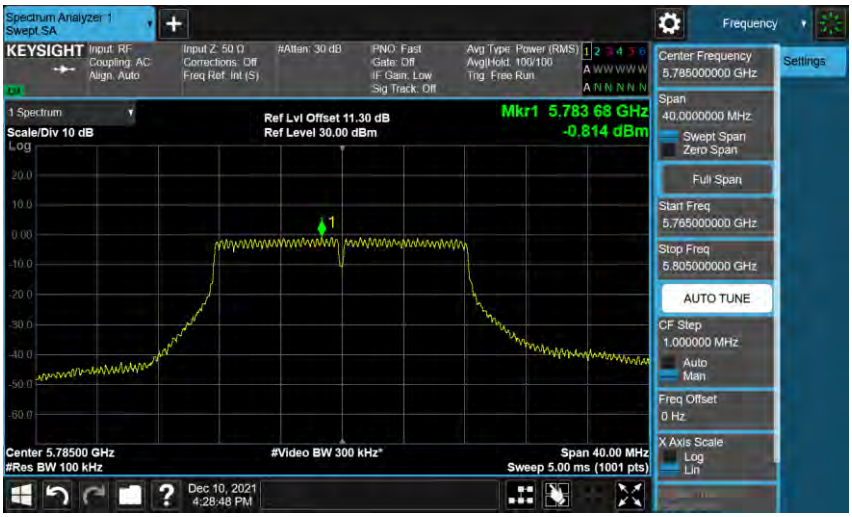
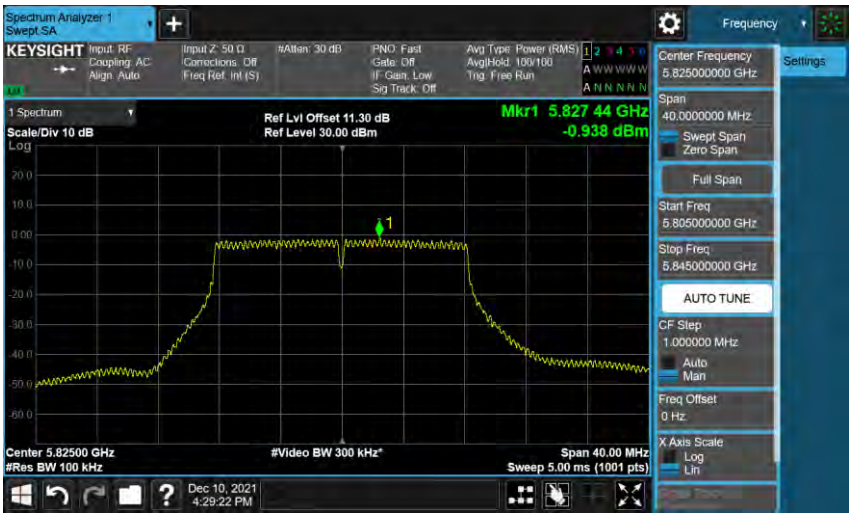
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

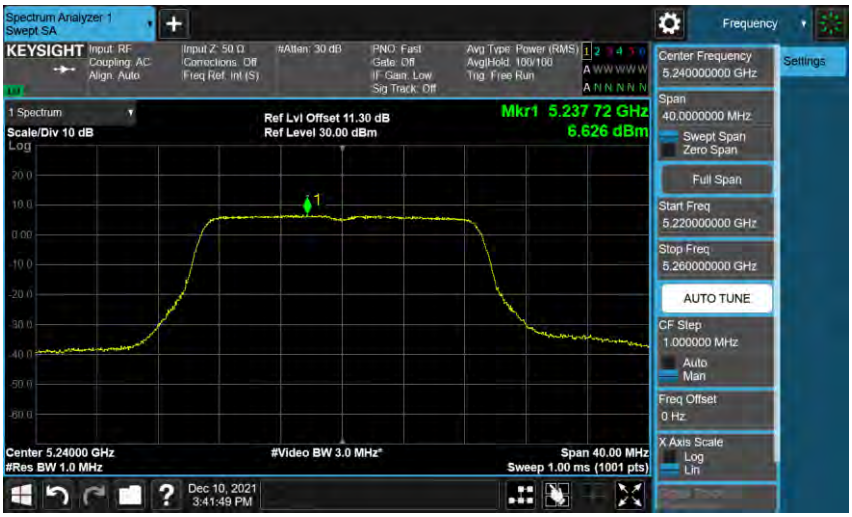
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0	
5190 MHz	
5230 MHz	

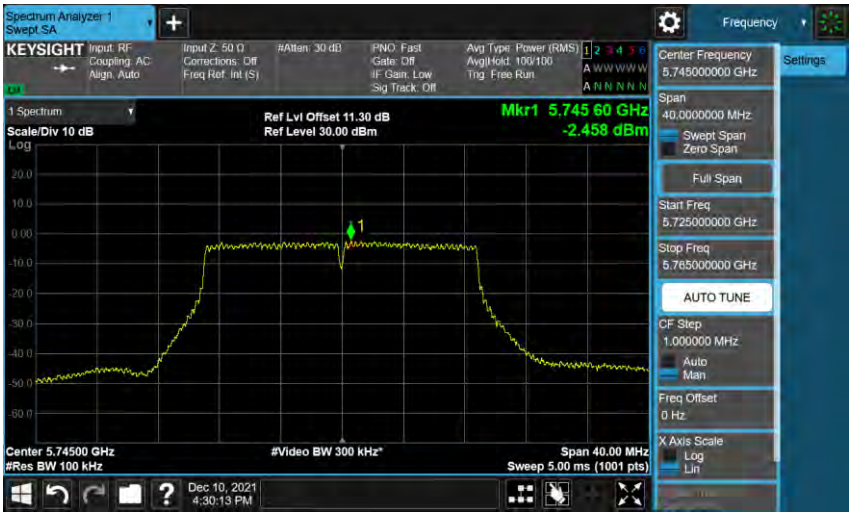
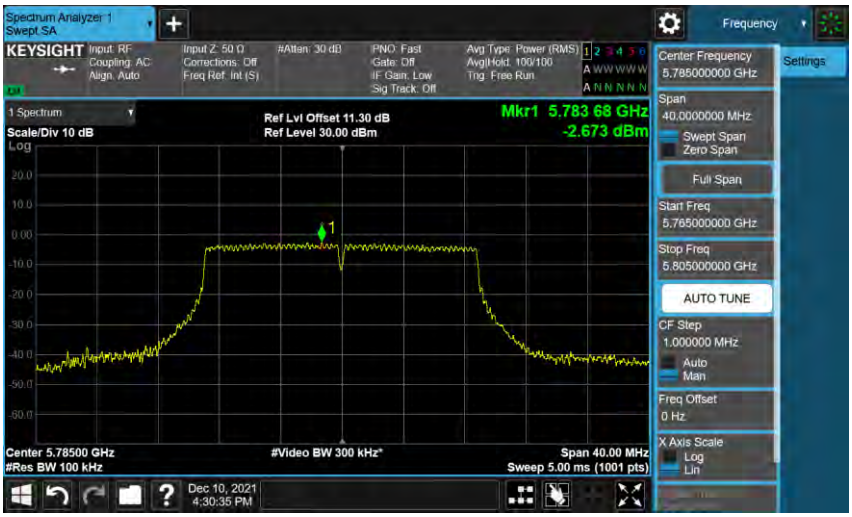
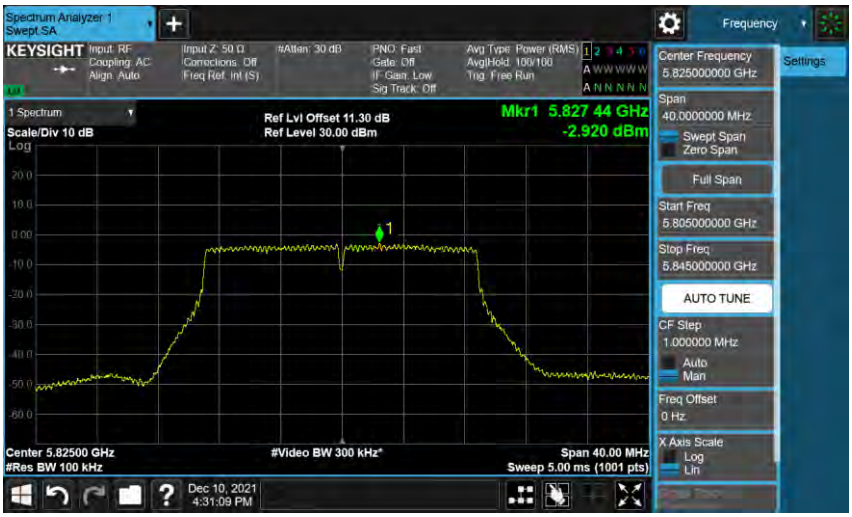
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode _ANT-0	
5210 MHz	
5775 MHz	

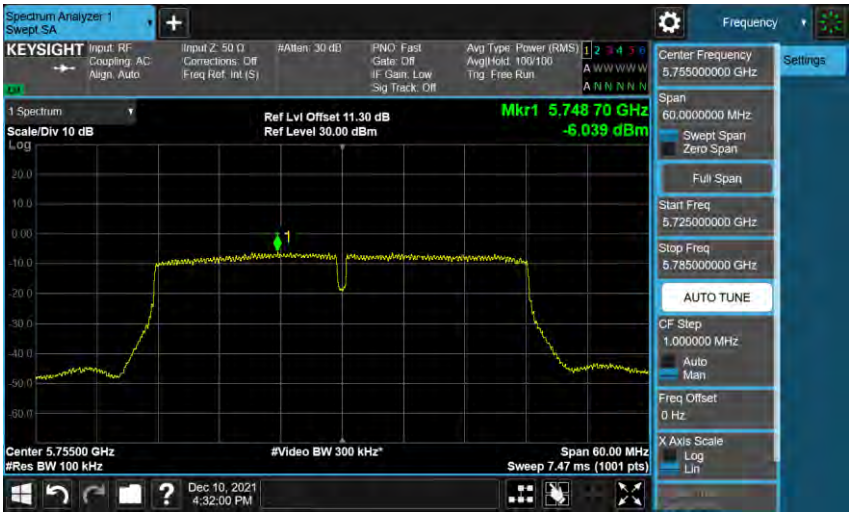
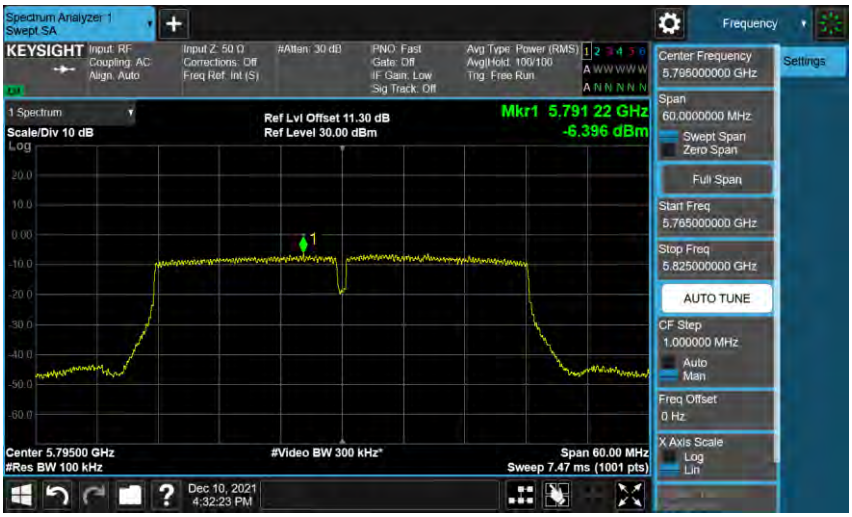
Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

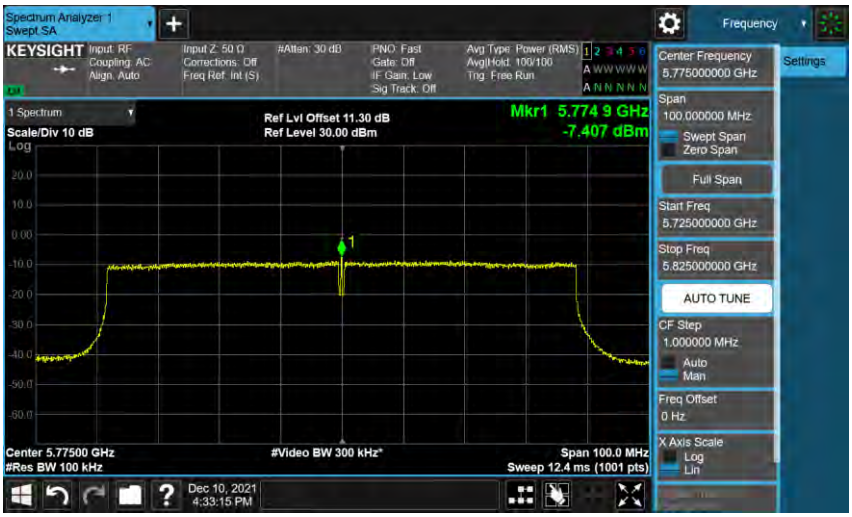
Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

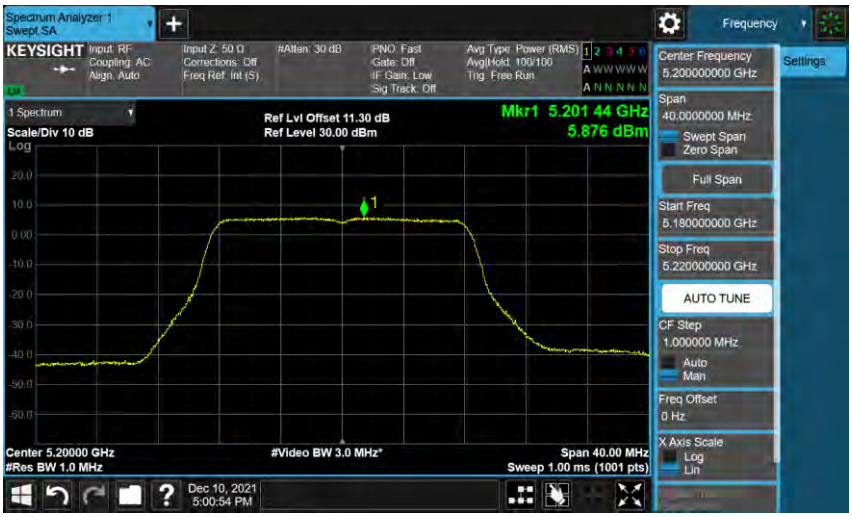
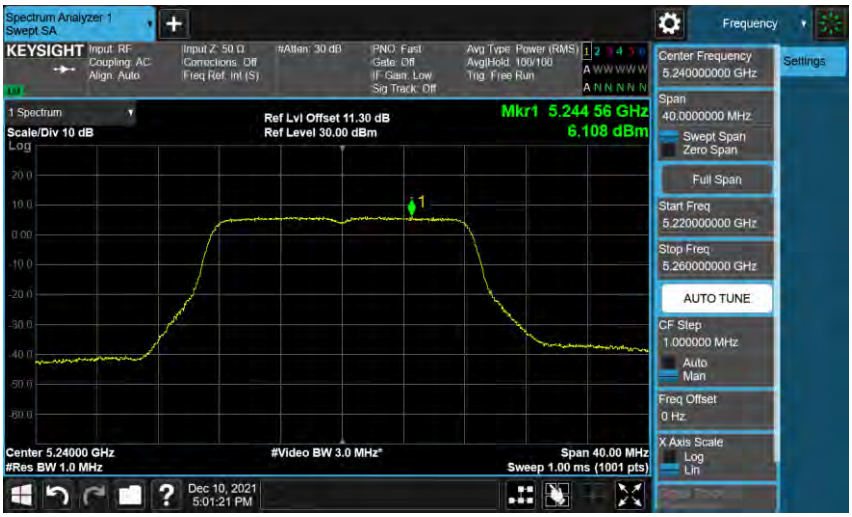
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

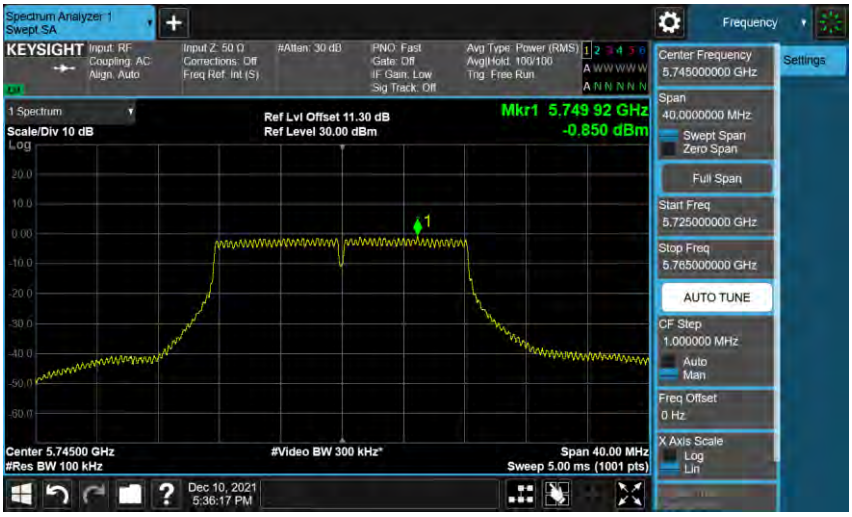
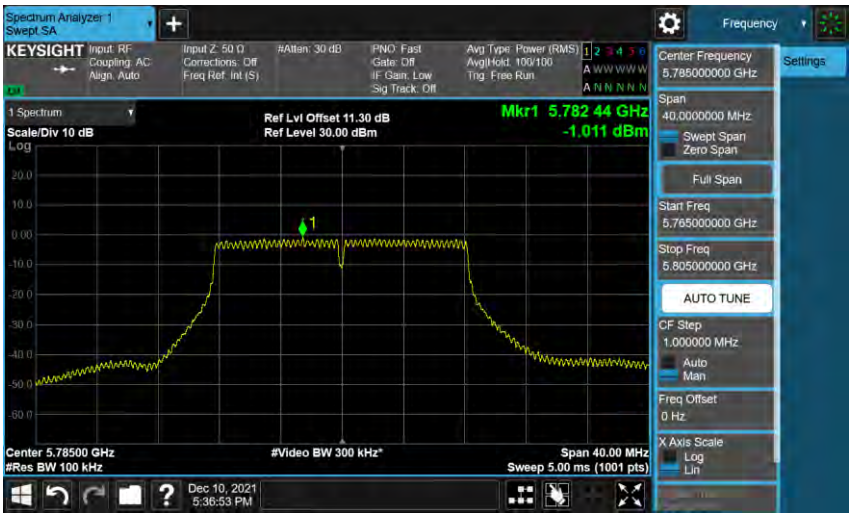
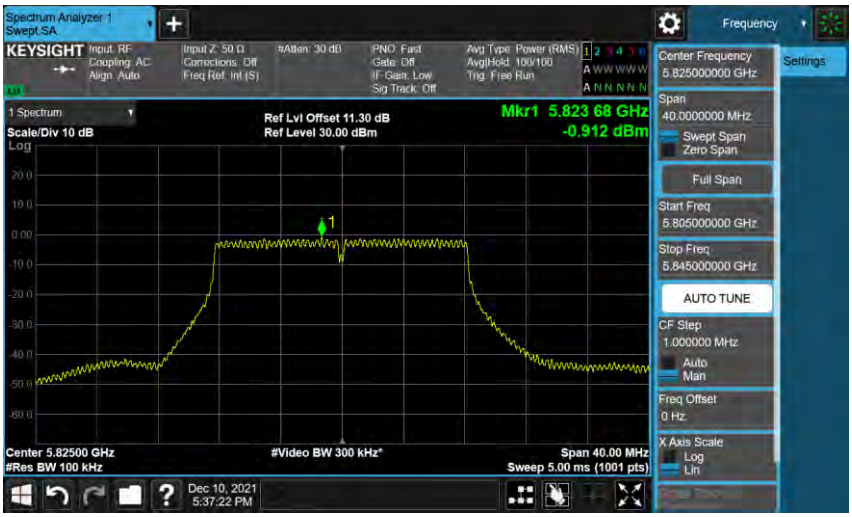
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1	
5190 MHz	
5230 MHz	

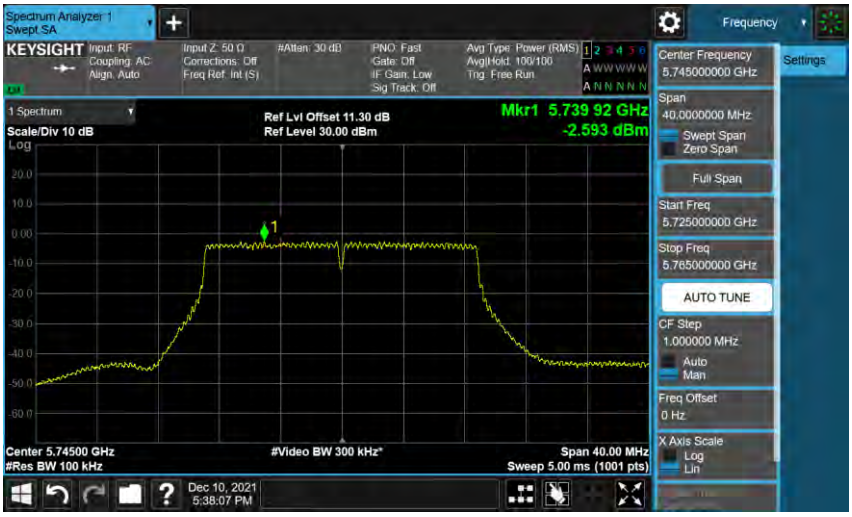
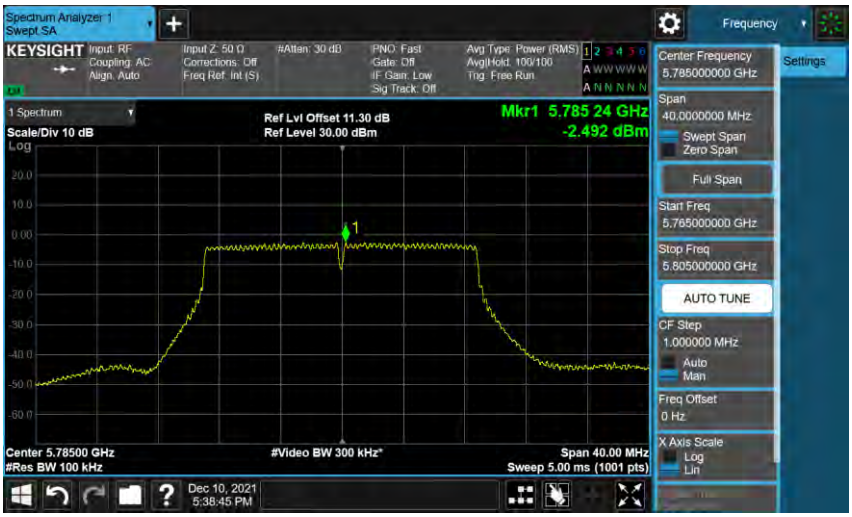
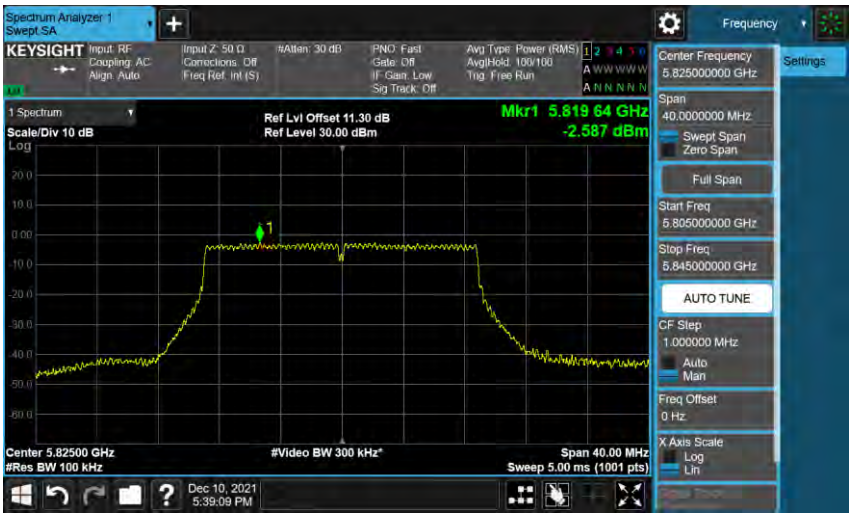
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode _ANT-1	
5210 MHz	
5775 MHz	

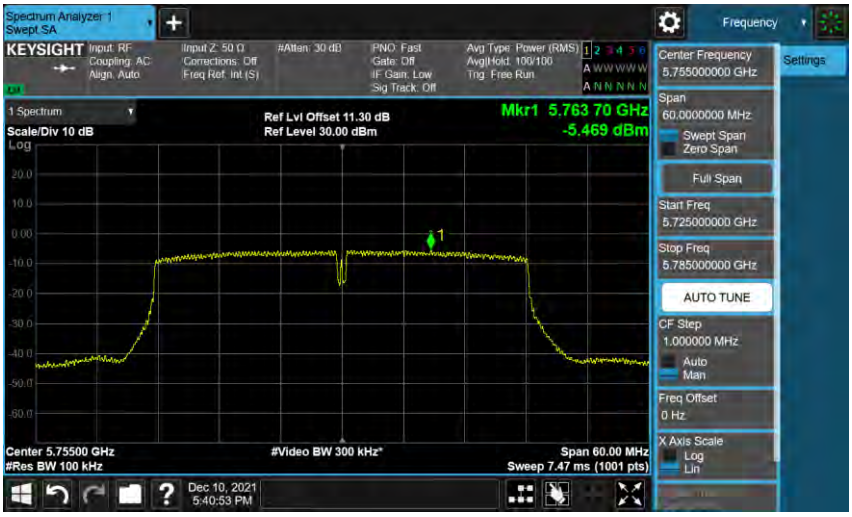
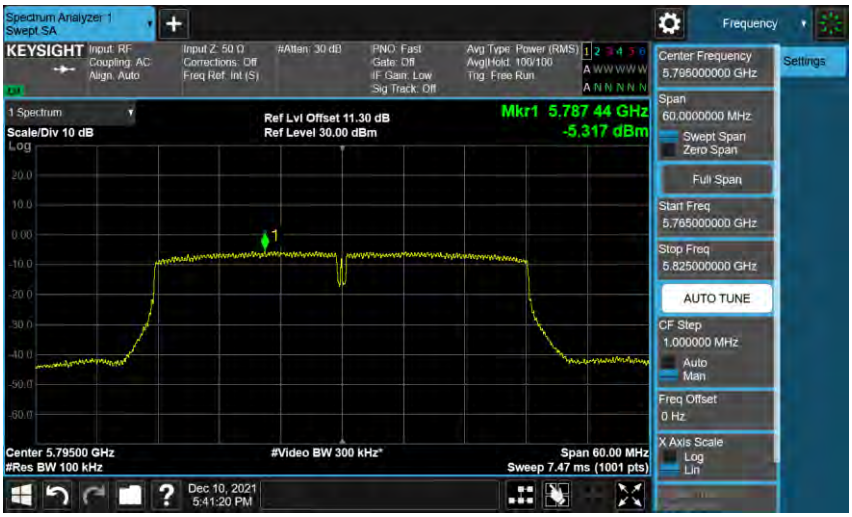
Mode 2: IEEE 802.11a Continuous TX mode_ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	

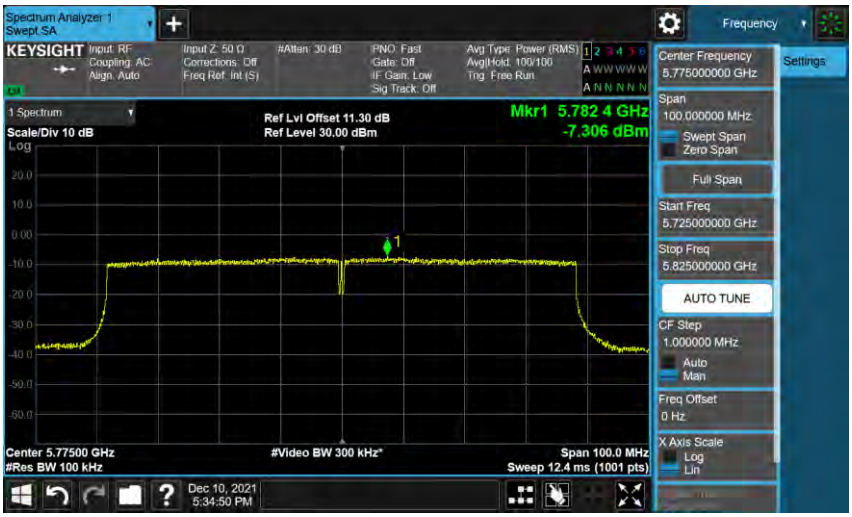
Mode 2: IEEE 802.11a Continuous TX mode_ANT-2	
5745 MHz	
5785 MHz	
5825 MHz	

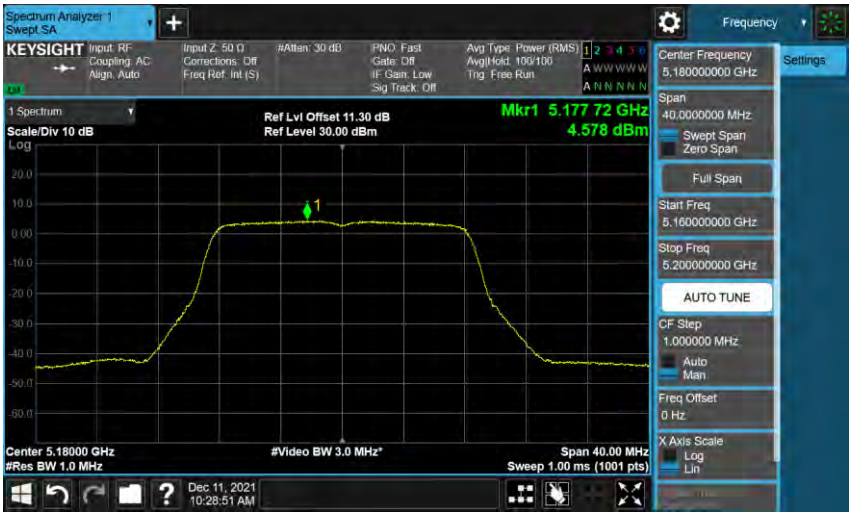
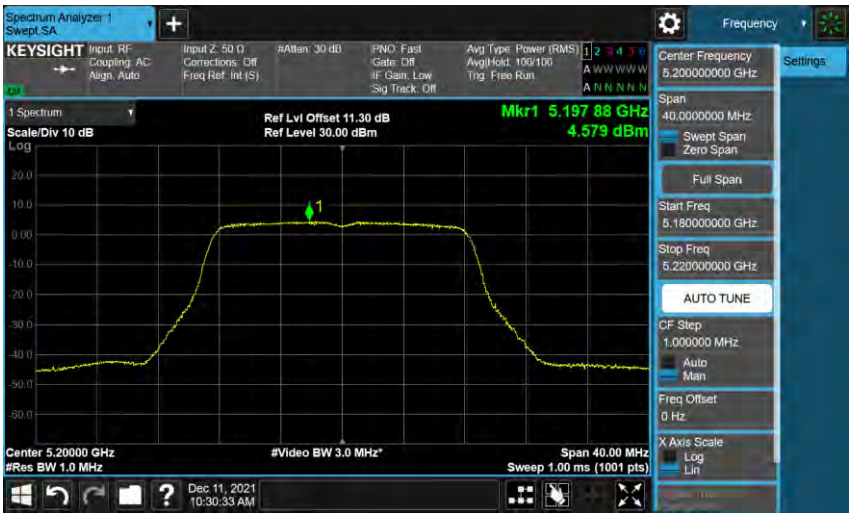
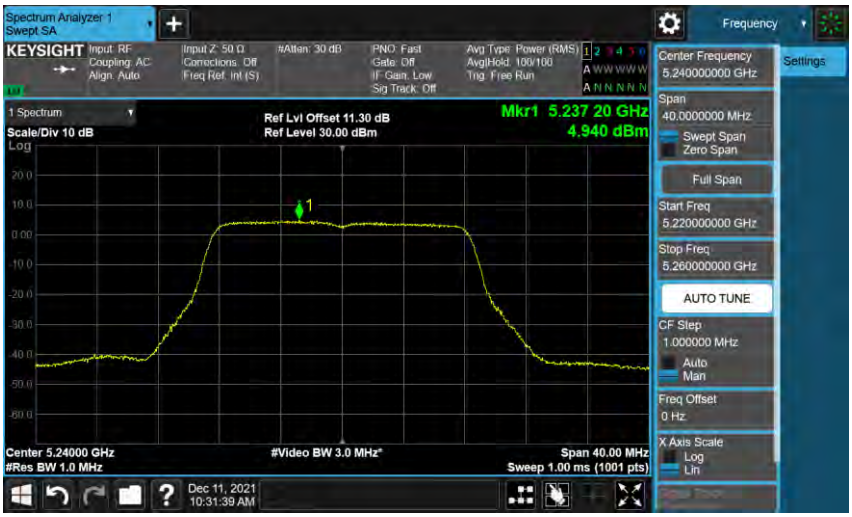
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	

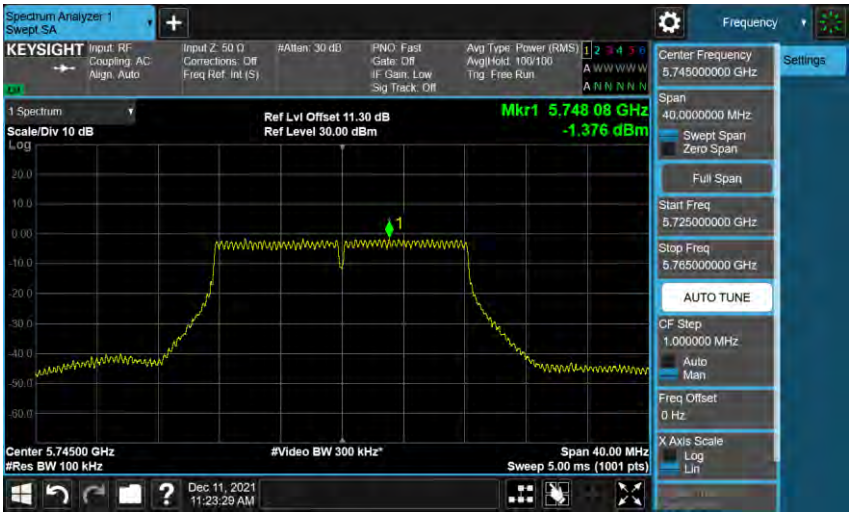
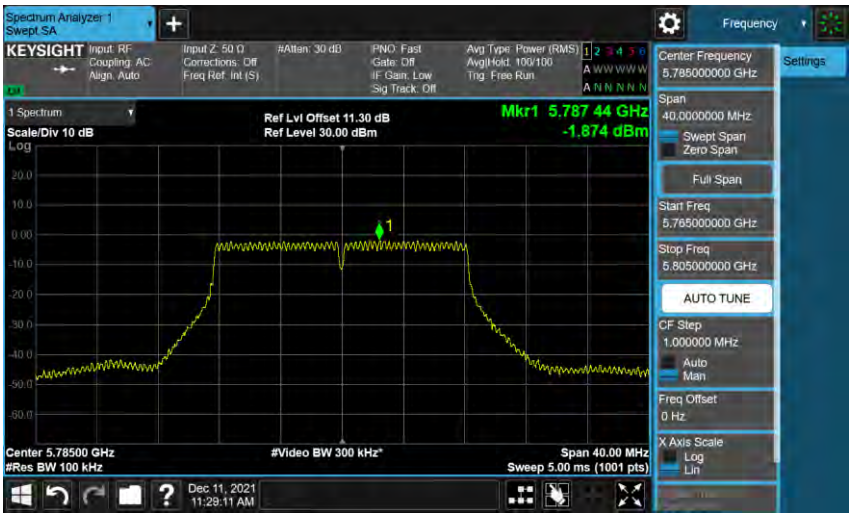
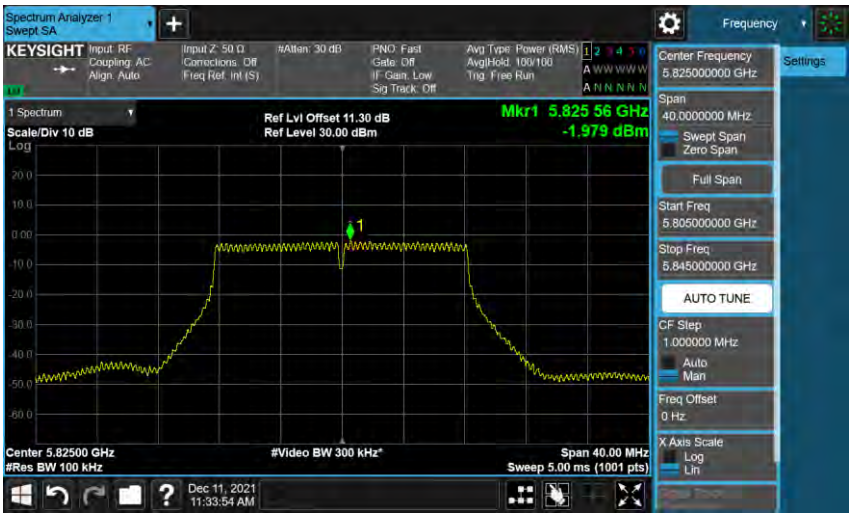
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-2	
5745 MHz	
5785 MHz	
5825 MHz	

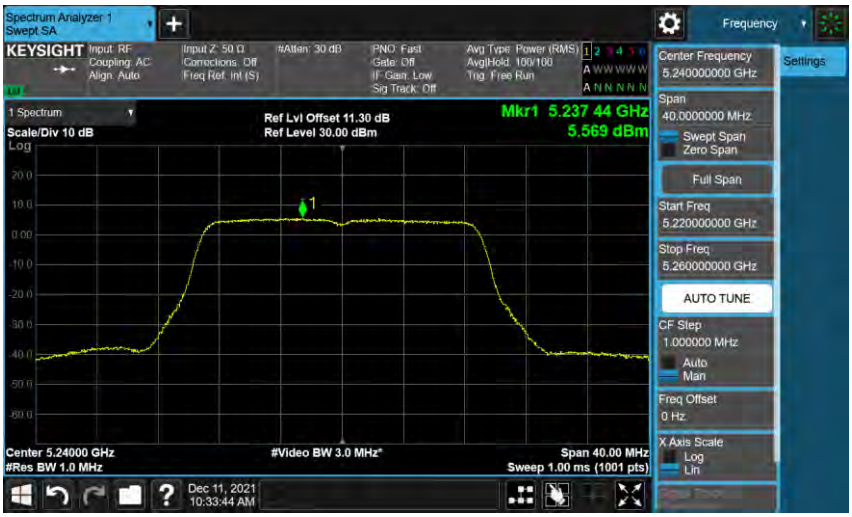
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-2	
5190 MHz	
5230 MHz	

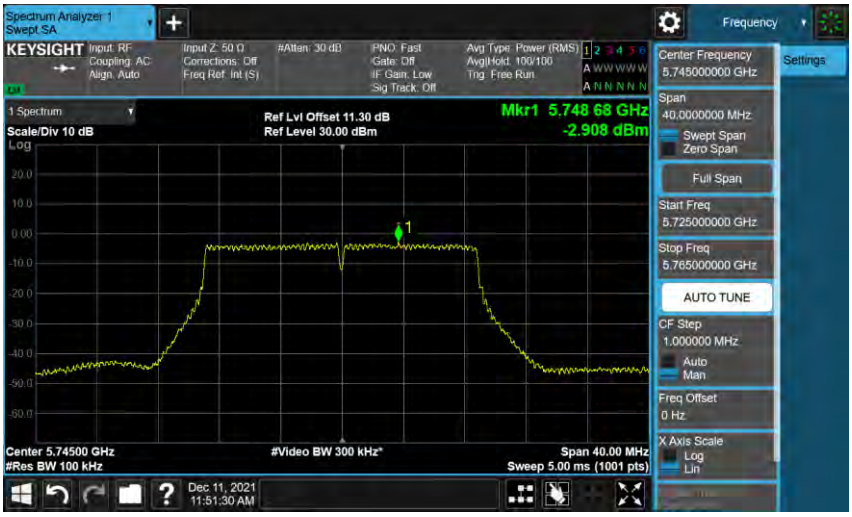
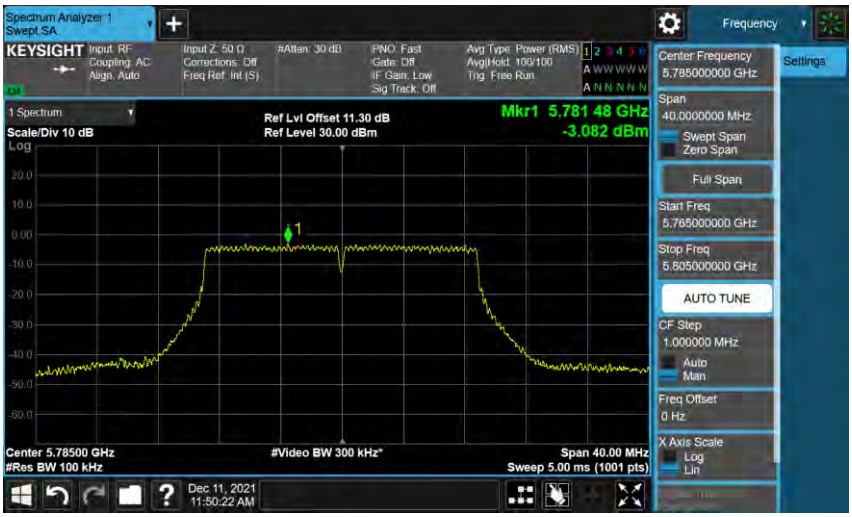
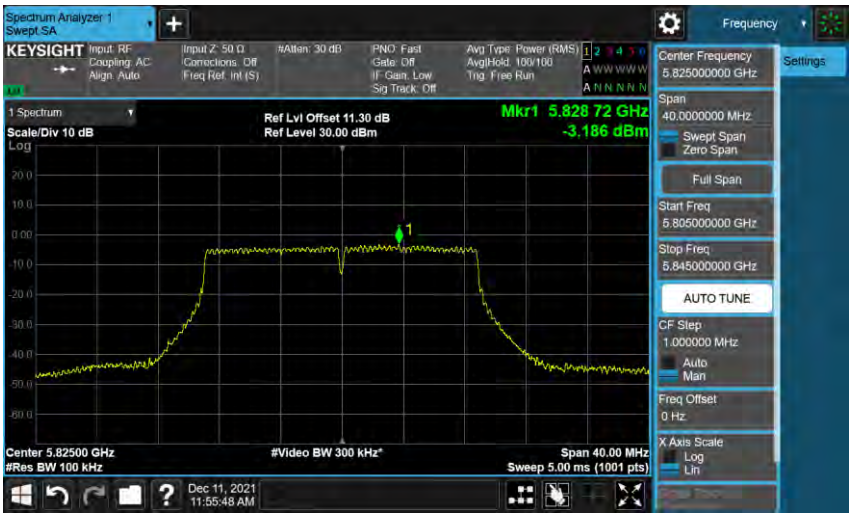
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-2	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode _ANT-2	
5210 MHz	
5775 MHz	

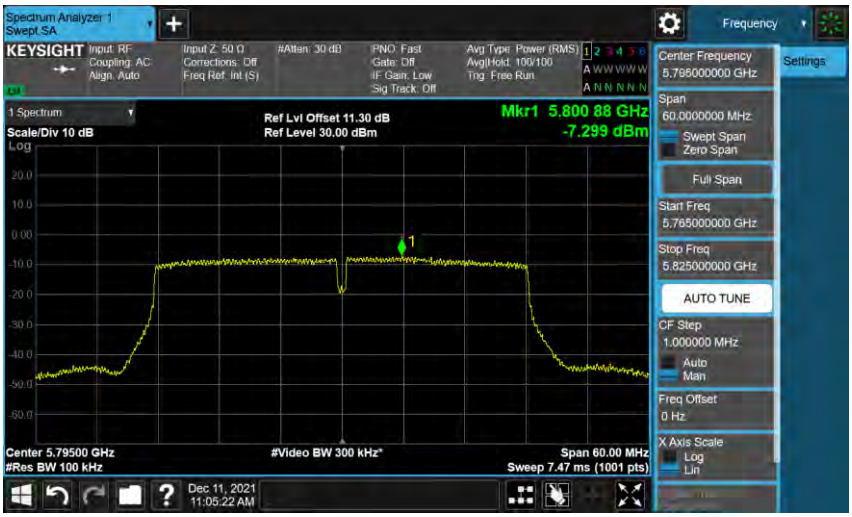
Mode 2: IEEE 802.11a Continuous TX mode_ANT-3	
5180 MHz	
5200 MHz	
5240 MHz	

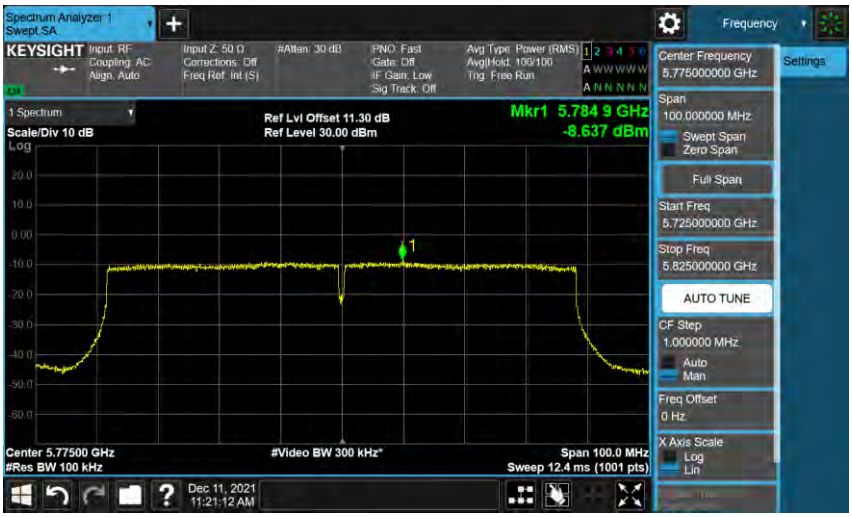
Mode 2: IEEE 802.11a Continuous TX mode_ANT-3	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-3	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-3	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-3	
5190 MHz	
5230 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-3	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode _ANT-3	
5210 MHz	
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	10.5	10.5	10.5	10.5	QSPR Version 5.0-00188
	5200	10.5	10.5	10.5	10.5	
	5220	10.5	10.5	10.5	10.5	
	5240	10.5	10.5	10.5	10.5	
	5745	10.5	10.5	10.5	10.5	
	5765	10.5	10.5	10.5	10.5	
	5785	10.5	10.5	10.5	10.5	
	5805	10.5	10.5	10.5	10.5	
	5825	10.5	10.5	10.5	10.5	
Mode 4	5190	10.5	10.5	10.5	10.5	
	5230	10.5	10.5	10.5	10.5	
	5755	10.5	10.5	10.5	10.5	
	5795	10.5	10.5	10.5	10.5	
Mode 5	5180	10.5	10.5	10.5	10.5	
	5200	10.5	10.5	10.5	10.5	
	5220	10.5	10.5	10.5	10.5	
	5240	10.5	10.5	10.5	10.5	
	5745	10.5	10.5	10.5	10.5	
	5765	10.5	10.5	10.5	10.5	
	5785	10.5	10.5	10.5	10.5	
	5805	10.5	10.5	10.5	10.5	
	5825	10.5	10.5	10.5	10.5	
Mode 6	5190	10.5	10.5	10.5	10.5	
	5230	10.5	10.5	10.5	10.5	
	5755	10.5	10.5	10.5	10.5	
	5795	10.5	10.5	10.5	10.5	
Mode 7	5210	4.5	4.5	4.5	4.5	
	5775	10.5	10.5	10.5	10.5	

Maximum Conducted Output Power and Transmit power control Measurement

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		ANT-0+1+2+3		Limit (dBm)
		Max. Output Power										
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	26 M	12.15	0.016	11.70	0.015	12.03	0.016	10.55	0.011	17.67	0.059	≤ 25.51
5200		12.19	0.017	11.72	0.015	12.09	0.016	10.57	0.011	17.71	0.059	≤ 25.51
5220		12.15	0.016	11.65	0.015	12.01	0.016	10.56	0.011	17.66	0.058	≤ 25.51
5240		12.33	0.017	11.81	0.015	12.29	0.017	10.86	0.012	17.88	0.061	≤ 25.51
5745		11.60	0.014	11.72	0.015	12.62	0.018	10.74	0.012	17.74	0.059	≤ 24.53
5765		11.41	0.014	11.49	0.014	12.56	0.018	10.38	0.011	17.55	0.057	≤ 24.53
5785		11.49	0.014	11.51	0.014	12.61	0.018	10.45	0.011	17.60	0.058	≤ 24.53
5805		11.44	0.014	11.48	0.014	12.56	0.018	10.34	0.011	17.55	0.057	≤ 24.53
5825		11.02	0.013	11.23	0.013	12.44	0.018	10.03	0.010	17.29	0.054	≤ 24.53

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		ANT-0+1+2+3		Limit (dBm)
		Max. Output Power										
		(dBm	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190	54 M	9.74	0.009	9.91	0.010	10.15	0.010	12.01	0.016	16.58	0.045	≤ 25.51
5230		12.17	0.016	11.63	0.015	11.96	0.016	10.46	0.011	17.62	0.058	≤ 25.51
5755		11.29	0.013	11.38	0.014	12.26	0.017	10.56	0.011	17.44	0.055	≤ 24.53
5795		11.12	0.013	11.29	0.013	12.23	0.017	10.30	0.011	17.31	0.054	≤ 24.53

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		ANT-0+1+2+3		Limit (dBm)
		Max. Output Power										
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	26 M	12.25	0.017	11.81	0.015	12.06	0.016	10.58	0.011	17.74	0.059	≤ 25.51
5200		12.29	0.017	11.78	0.015	12.19	0.017	10.64	0.012	17.79	0.060	≤ 25.51
5220		12.23	0.017	11.75	0.015	12.13	0.016	10.59	0.011	17.74	0.059	≤ 25.51
5240		12.42	0.017	11.93	0.016	12.36	0.017	10.98	0.013	17.98	0.063	≤ 25.51
5745		11.63	0.015	11.75	0.015	12.71	0.019	10.81	0.012	17.80	0.060	≤ 24.53
5765		11.49	0.014	11.60	0.014	12.62	0.018	10.47	0.011	17.63	0.058	≤ 24.53
5785		11.51	0.014	11.62	0.015	12.67	0.018	10.50	0.011	17.66	0.058	≤ 24.53
5805		11.48	0.014	11.59	0.014	12.61	0.018	10.45	0.011	17.62	0.058	≤ 24.53
5825		11.10	0.013	11.33	0.014	12.55	0.018	10.15	0.010	17.39	0.055	≤ 24.53

Test Mode		Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode										
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		ANT-0+1+2+3		Limit (dBm)
		Max. Output Power										
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190	54 M	9.82	0.010	9.99	0.010	10.21	0.010	12.08	0.016	16.65	0.046	≤ 25.51
5230		12.21	0.017	11.75	0.015	12.09	0.016	10.53	0.011	17.71	0.059	≤ 25.51
5755		11.40	0.014	11.46	0.014	12.39	0.017	10.61	0.012	17.53	0.057	≤ 24.53
5795		11.18	0.013	11.43	0.014	12.37	0.017	10.42	0.011	17.43	0.055	≤ 24.53

Test Mode		Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode										
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		ANT-0+1+2+3		Limit (dBm)
		Max. Output Power										
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5210	117.2 M	4.60	0.003	4.83	0.003	4.88	0.003	6.32	0.004	11.23	0.013	≤ 25.51
5775		11.75	0.015	11.90	0.015	12.89	0.019	11.02	0.013	17.96	0.063	≤ 24.53

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

26 dB RF Bandwidth

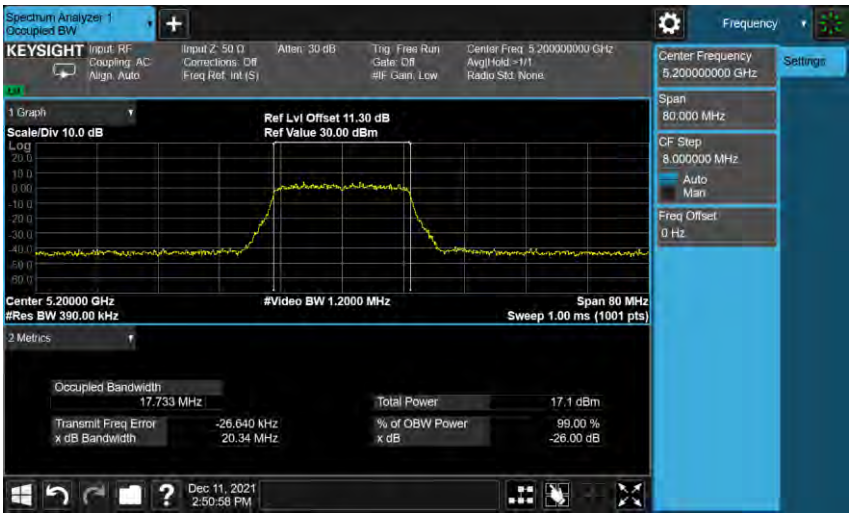
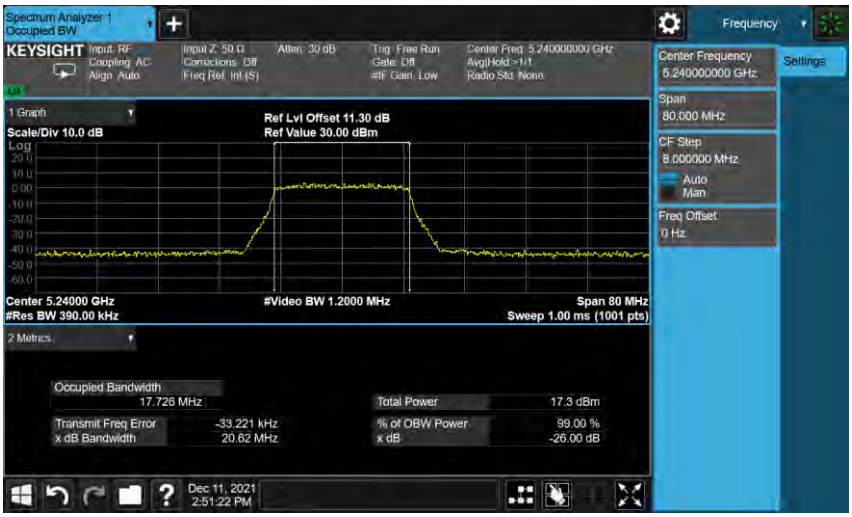
Test Mode	Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3
		Measurement Results (MHz)	Measurement Results (MHz)	Measurement Results (MHz)	Measurement Results (MHz)
Mode 5	5180.0	20.480	20.940	20.520	20.420
	5200.0	20.670	20.340	20.490	20.430
	5240.0	20.610	20.620	20.760	20.610
Mode 6	5190.0	39.790	40.010	40.190	39.760
	5230.0	39.700	39.810	39.470	39.360
Mode 7	5210.0	83.770	83.100	83.990	83.980

■ **Test Graphs**

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

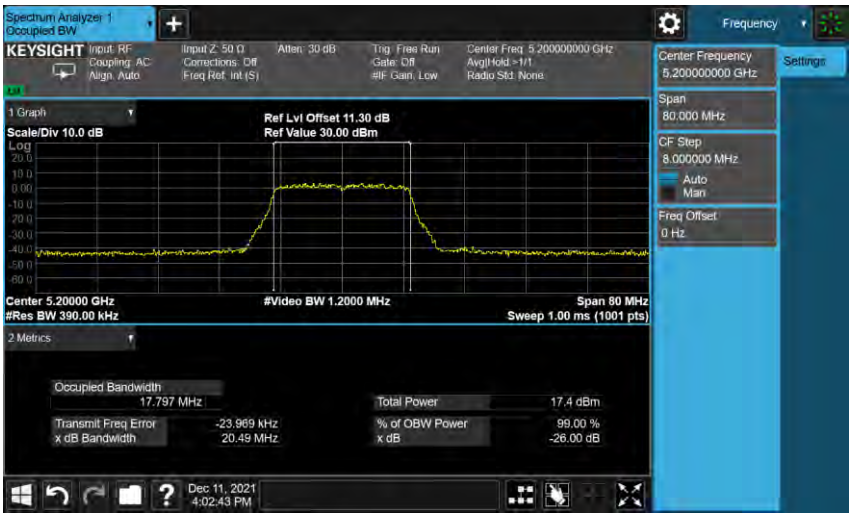
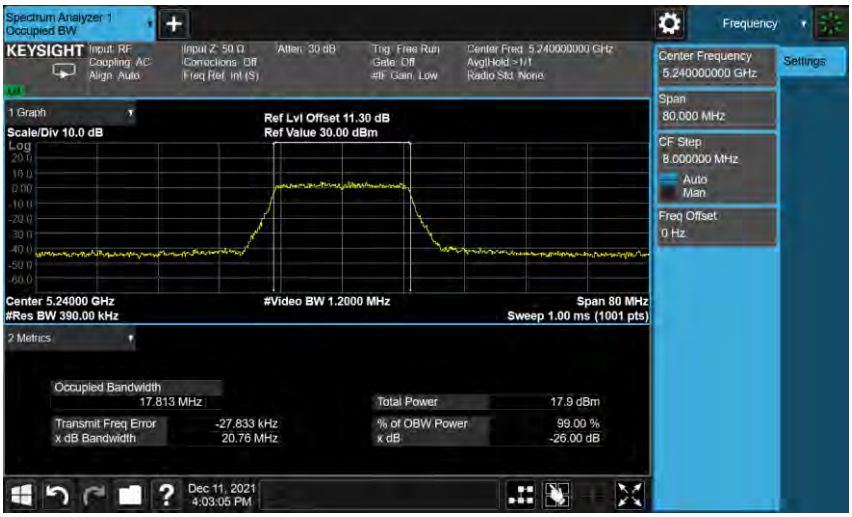
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0	
5190 MHz	
5230 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-0	
5210 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

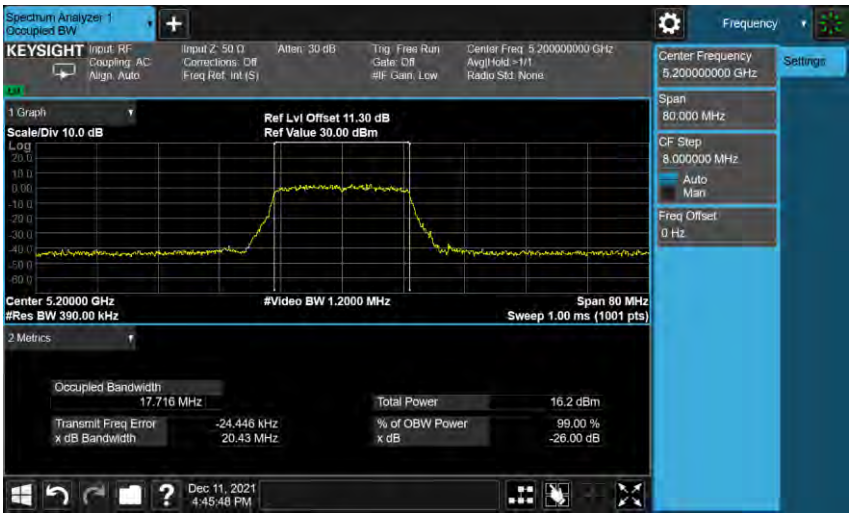
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1	
5190 MHz	
5230 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-1	
5210 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-2	
5190 MHz	
5230 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-2	
5210 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-3	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-3	
5190 MHz	
5230 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-3	
5210 MHz	

6 dB RF Bandwidth Measurement

Test Mode	Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3	Limit (kHz)
		Measurement Results (MHz)	Measurement Results (MHz)	Measurement Results (MHz)	Measurement Results (MHz)	
Mode 5	5745.0	17400	17450	17350	17680	≥ 500
	5785.0	17340	16850	17310	17630	≥ 500
	5825.0	16910	17560	17400	17540	≥ 500
Mode 6	5755.0	34560	34980	34160	35330	≥ 500
	5795.0	35090	35070	34570	34870	≥ 500
Mode 7	5775.0	76280	76210	75980	76330	≥ 500

■ **Test Graphs**

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-0	
5775 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-1	
5775 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-2	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-2	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-2	
5775 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-3	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-3	
5755 MHz	
5795 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-3	
5775 MHz