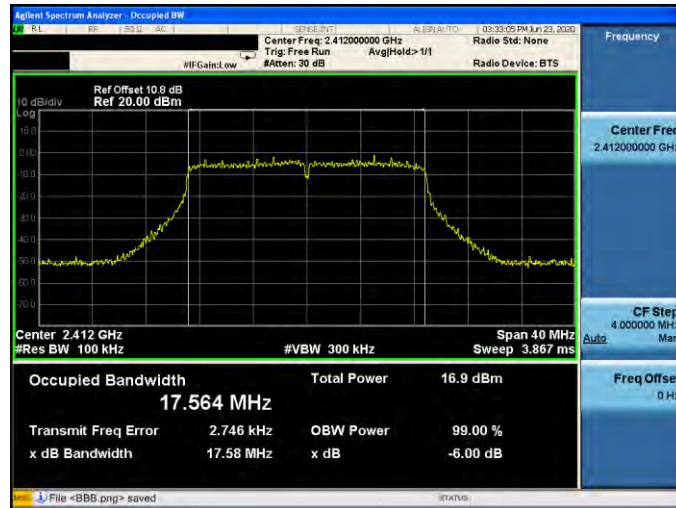


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-3

2412 MHz



2437 MHz

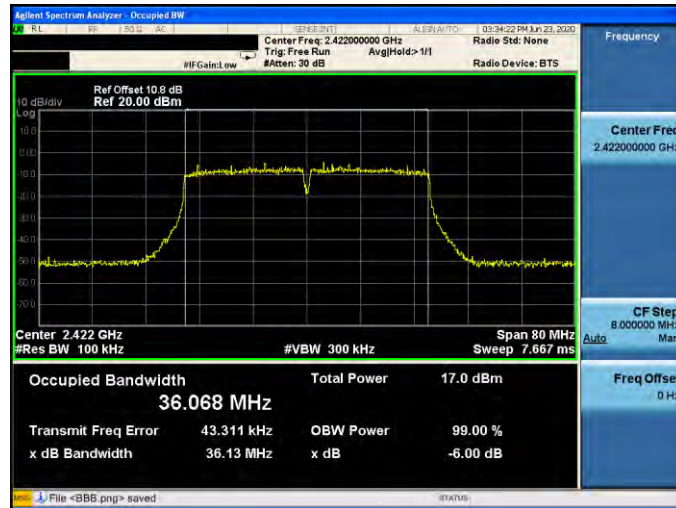


2462 MHz

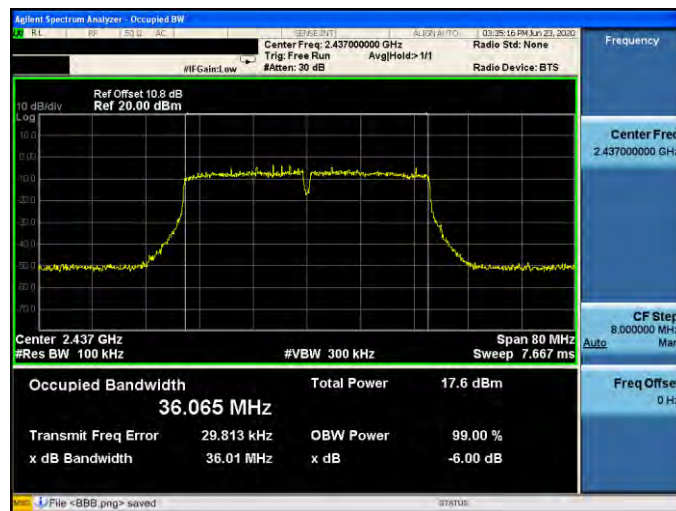


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-3

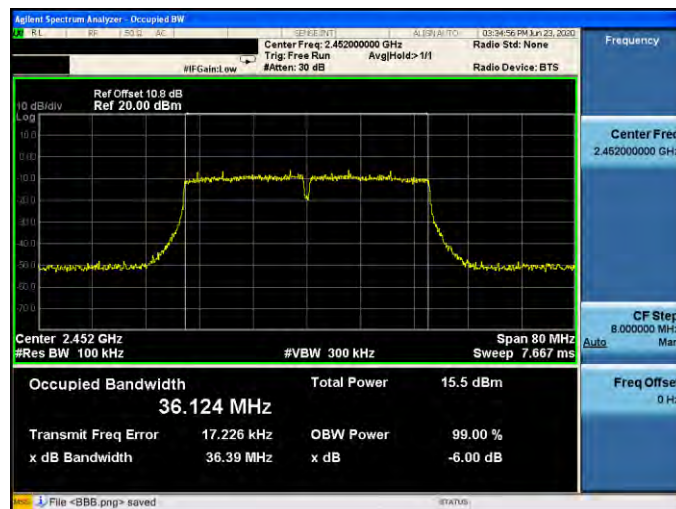
2422 MHz



2437 MHz



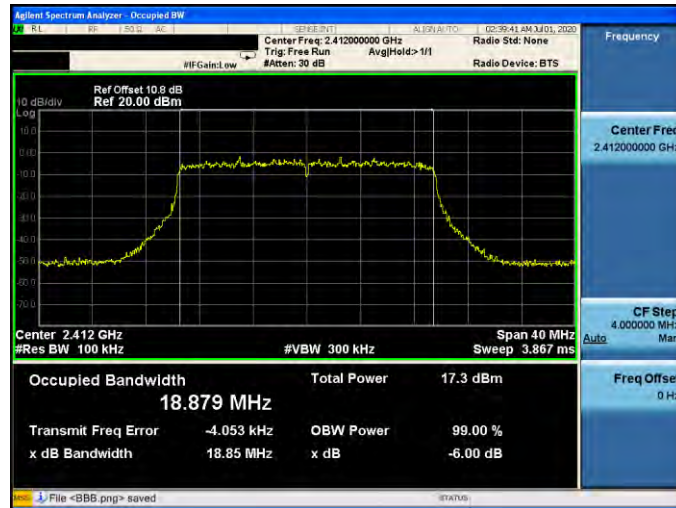
2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-3

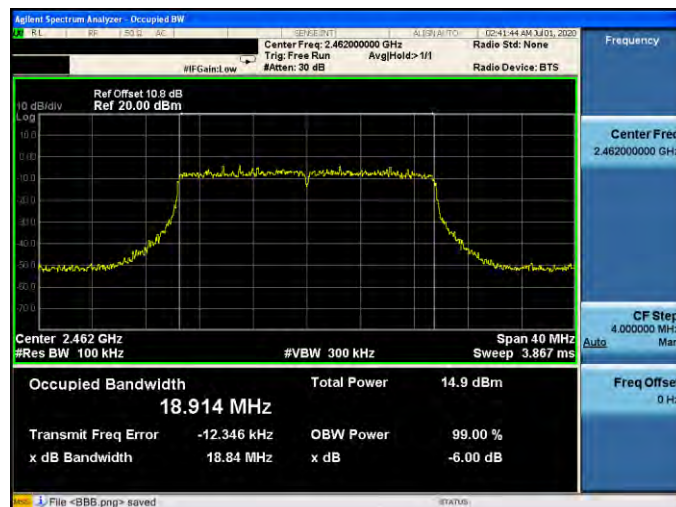
2412 MHz



2437 MHz

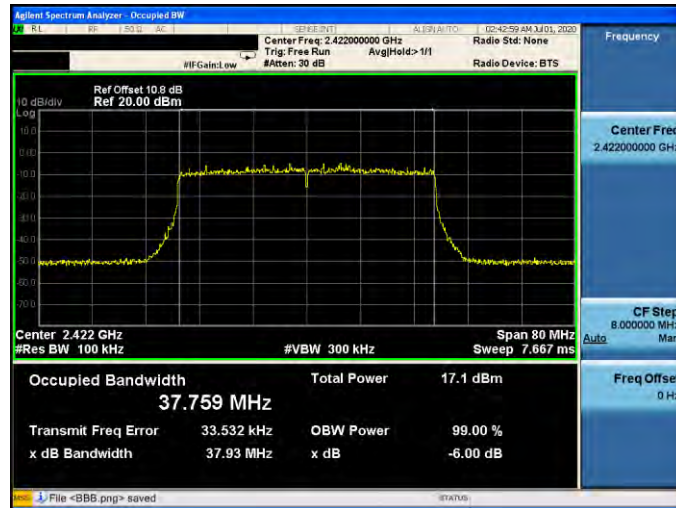


2462 MHz

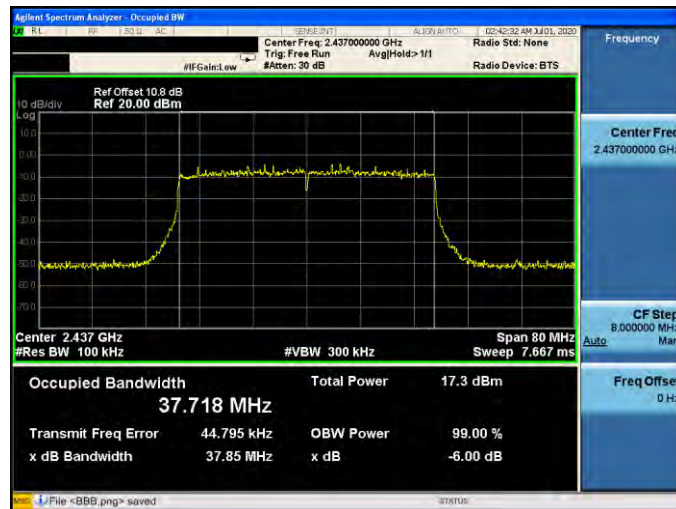


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-3

2422 MHz



2437 MHz



2452 MHz



Maximum Power Spectral Density Measurement

ANT-0			
Test Mode	Frequency (MHz)	Measurement (dBm/3 kHz)	Limit (dBm/ 3 kHz)
Mode 3	2412	-9.455	≤ 3.74
	2437	-7.305	≤ 3.74
	2462	-9.377	≤ 3.74
Mode 4	2412	-8.160	≤ 8
	2437	-6.260	≤ 8
	2462	-8.853	≤ 8
Mode 5	2422	-11.713	≤ 8
	2437	-10.316	≤ 8
	2452	-11.891	≤ 8
Mode 6	2412	-9.465	≤ 8
	2437	-6.663	≤ 8
	2462	-11.598	≤ 8
Mode 7	2422	-13.591	≤ 8
	2437	-12.182	≤ 8
	2452	-14.360	≤ 8

ANT-1			
Test Mode	Frequency (MHz)	Measurement (dBm/3 kHz)	Limit (dBm/ 3 kHz)
Mode 2	2412	-2.877	≤ 8
	2437	-3.006	≤ 8
	2462	-3.323	≤ 8
Mode 3	2412	-8.801	≤ 3.74
	2437	-6.666	≤ 3.74
	2462	-8.744	≤ 3.74
Mode 4	2412	-8.597	≤ 8
	2437	-6.294	≤ 8
	2462	-7.984	≤ 8
Mode 5	2422	-10.686	≤ 8
	2437	-10.386	≤ 8
	2452	-12.632	≤ 8
Mode 6	2412	-9.088	≤ 8
	2437	-6.632	≤ 8
	2462	-11.369	≤ 8
Mode 7	2422	-13.557	≤ 8
	2437	-12.333	≤ 8
	2452	-14.359	≤ 8

ANT-2			
Test Mode	Frequency (MHz)	Measurement (dBm/3 kHz)	Limit (dBm/ 3 kHz)
Mode 3	2412	-9.549	≤ 3.74
	2437	-7.449	≤ 3.74
	2462	-8.952	≤ 3.74
Mode 4	2412	-9.130	≤ 8
	2437	-6.777	≤ 8
	2462	-9.387	≤ 8
Mode 5	2422	-12.052	≤ 8
	2437	-11.014	≤ 8
	2452	-12.735	≤ 8
Mode 6	2412	-9.682	≤ 8
	2437	-6.991	≤ 8
	2462	-11.492	≤ 8
Mode 7	2422	-13.102	≤ 8
	2437	-12.135	≤ 8
	2452	-14.146	≤ 8

ANT-3			
Test Mode	Frequency (MHz)	Measurement (dBm/3 kHz)	Limit (dBm/ 3 kHz)
Mode 3	2412	-9.357	≤ 3.74
	2437	-7.830	≤ 3.74
	2462	-8.755	≤ 3.74
Mode 4	2412	-8.972	≤ 8
	2437	-6.940	≤ 8
	2462	-9.011	≤ 8
Mode 5	2422	-11.395	≤ 8
	2437	-10.217	≤ 8
	2452	-12.775	≤ 8
Mode 6	2412	-9.346	≤ 8
	2437	-6.976	≤ 8
	2462	-11.392	≤ 8
Mode 7	2422	-12.820	≤ 8
	2437	-11.992	≤ 8
	2452	-14.121	≤ 8

ANT-0+1+2+3			
Test Mode	Frequency (MHz)	Measurement (dBm/3 kHz)	Limit (dBm/ 3 kHz)
Mode 3	2412	-3.260	≤ 3.74
	2437	-1.271	≤ 3.74
	2462	-2.929	≤ 3.74
Mode 4	2412	-2.678	≤ 8
	2437	-0.537	≤ 8
	2462	-2.757	≤ 8
Mode 5	2422	-5.411	≤ 8
	2437	-4.452	≤ 8
	2452	-6.472	≤ 8
Mode 6	2412	-3.369	≤ 8
	2437	-0.792	≤ 8
	2462	-5.441	≤ 8
Mode 7	2422	-7.235	≤ 8
	2437	-6.138	≤ 8
	2452	-8.224	≤ 8

Beamforming on

ANT-0			
Test Mode	Frequency (MHz)	Measurement (dBm/3 kHz)	Limit (dBm/ 3 kHz)
Mode 4	2412	-15.310	≤ 3.74
	2437	-13.218	≤ 3.74
	2462	-15.182	≤ 3.74
Mode 5	2422	-18.032	≤ 3.74
	2437	-17.001	≤ 3.74
	2452	-19.091	≤ 3.74
Mode 6	2412	-16.039	≤ 3.74
	2437	-12.991	≤ 3.74
	2462	-17.987	≤ 3.74
Mode 7	2422	-19.322	≤ 3.74
	2437	-18.549	≤ 3.74
	2452	-20.009	≤ 3.74

ANT-1			
Test Mode	Frequency (MHz)	Measurement (dBm/3 kHz)	Limit (dBm/ 3 kHz)
Mode 4	2412	-15.106	≤ 3.74
	2437	-13.558	≤ 3.74
	2462	-15.940	≤ 3.74
Mode 5	2422	-17.975	≤ 3.74
	2437	-17.203	≤ 3.74
	2452	-19.403	≤ 3.74
Mode 6	2412	-16.127	≤ 3.74
	2437	-12.901	≤ 3.74
	2462	-18.151	≤ 3.74
Mode 7	2422	-18.257	≤ 3.74
	2437	-19.024	≤ 3.74
	2452	-20.170	≤ 3.74

ANT-2			
Test Mode	Frequency (MHz)	Measurement (dBm/3 kHz)	Limit (dBm/ 3 kHz)
Mode 4	2412	-15.487	≤ 3.74
	2437	-12.908	≤ 3.74
	2462	-16.052	≤ 3.74
Mode 5	2422	-18.180	≤ 3.74
	2437	-16.901	≤ 3.74
	2452	-19.465	≤ 3.74
Mode 6	2412	-16.577	≤ 3.74
	2437	-12.817	≤ 3.74
	2462	-17.584	≤ 3.74
Mode 7	2422	-19.263	≤ 3.74
	2437	-18.599	≤ 3.74
	2452	-20.184	≤ 3.74

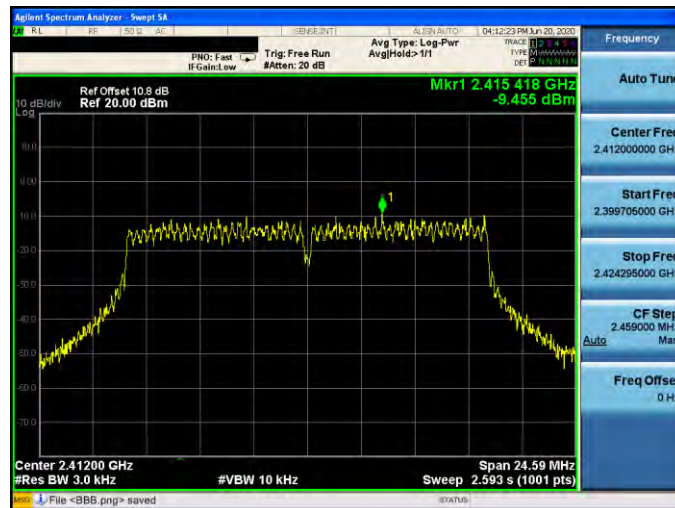
ANT-3			
Test Mode	Frequency (MHz)	Measurement (dBm/3 kHz)	Limit (dBm/ 3 kHz)
Mode 4	2412	-15.589	≤ 3.74
	2437	-13.132	≤ 3.74
	2462	-15.603	≤ 3.74
Mode 5	2422	-18.062	≤ 3.74
	2437	-17.721	≤ 3.74
	2452	-19.604	≤ 3.74
Mode 6	2412	-15.531	≤ 3.74
	2437	-12.866	≤ 3.74
	2462	-17.786	≤ 3.74
Mode 7	2422	-19.394	≤ 3.74
	2437	-18.139	≤ 3.74
	2452	-20.070	≤ 3.74

ANT-0+1+2+3			
Test Mode	Frequency (MHz)	Measurement (dBm/3 kHz)	Limit (dBm/ 3 kHz)
Mode 4	2412	-9.349	≤ 3.74
	2437	-7.177	≤ 3.74
	2462	-9.660	≤ 3.74
Mode 5	2422	-12.041	≤ 3.74
	2437	-11.175	≤ 3.74
	2452	-13.366	≤ 3.74
Mode 6	2412	-10.032	≤ 3.74
	2437	-6.873	≤ 3.74
	2462	-11.851	≤ 3.74
Mode 7	2422	-13.012	≤ 3.74
	2437	-12.546	≤ 3.74
	2452	-14.087	≤ 3.74



Mode 3: IEEE 802.11g Continuous TX mode_ANT-0

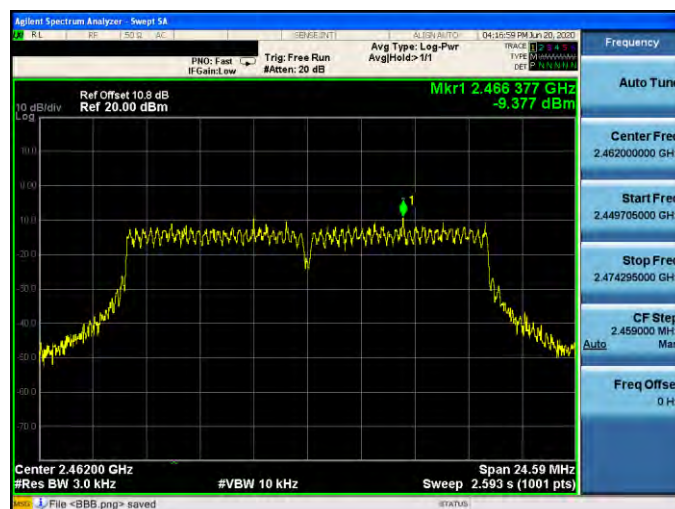
2412 MHz



2437 MHz



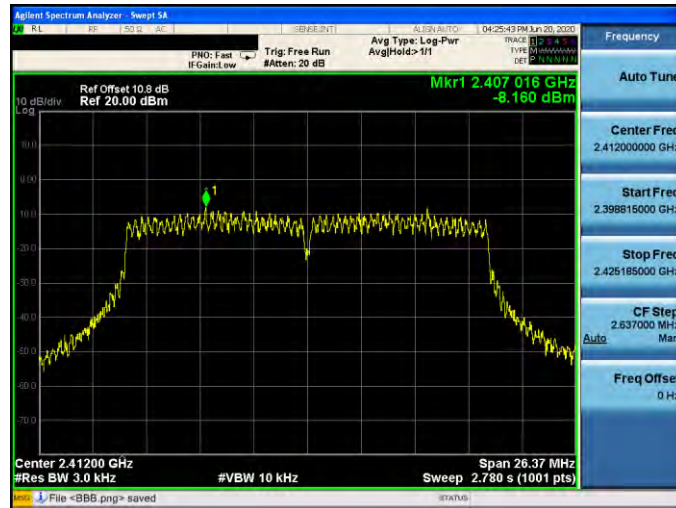
2462 MHz



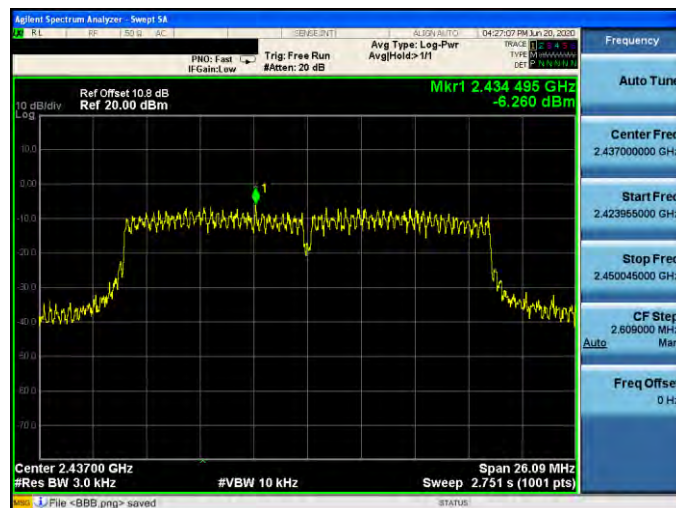


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-0

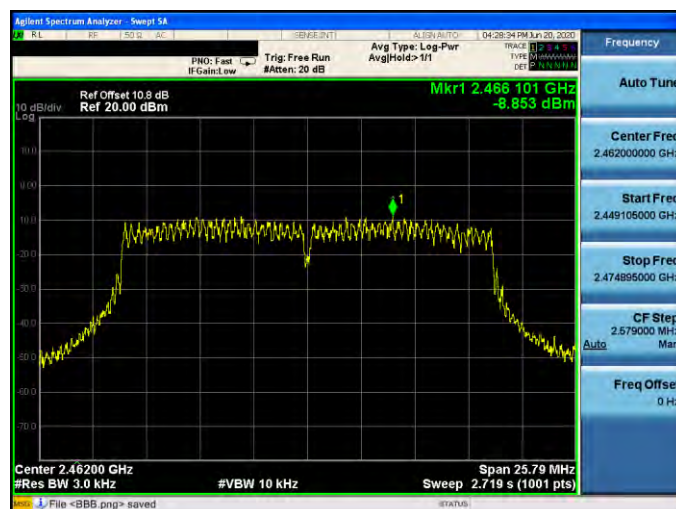
2412 MHz



2437 MHz



2462 MHz



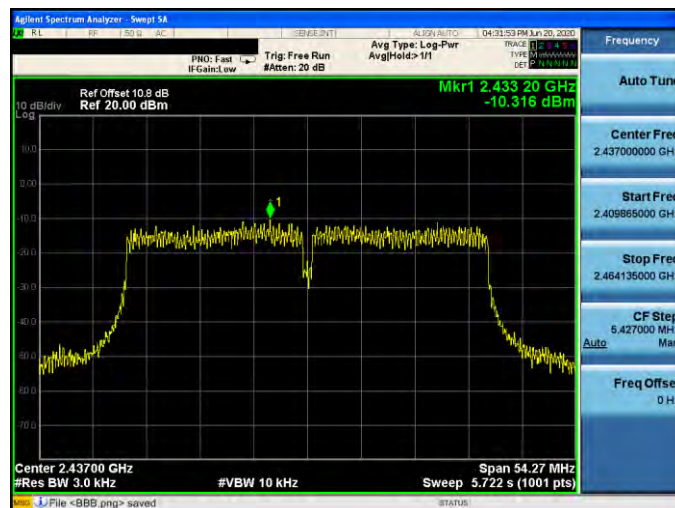


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-0

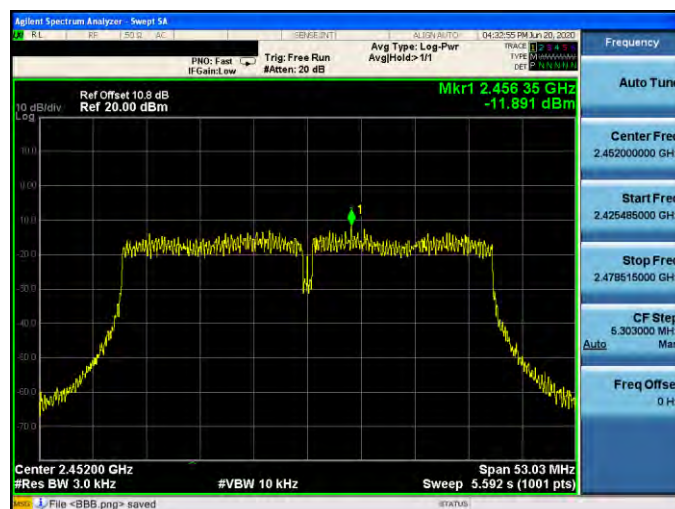
2422 MHz



2437 MHz



2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-0

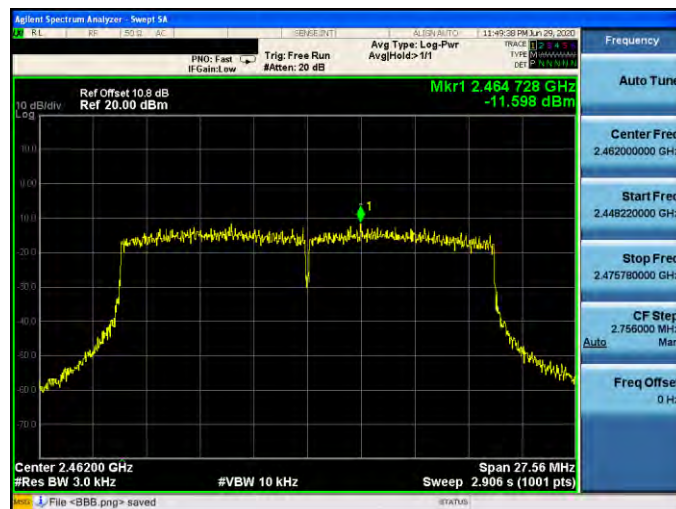
2412 MHz



2437 MHz



2462 MHz





Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-0

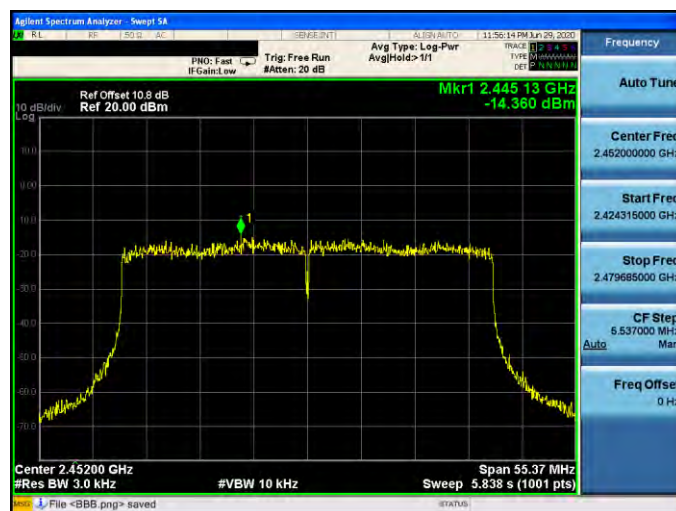
2422 MHz



2437 MHz



2452 MHz





Mode 2: IEEE 802.11b Continuous TX mode_ANT-1

2412 MHz



2437 MHz



2462 MHz



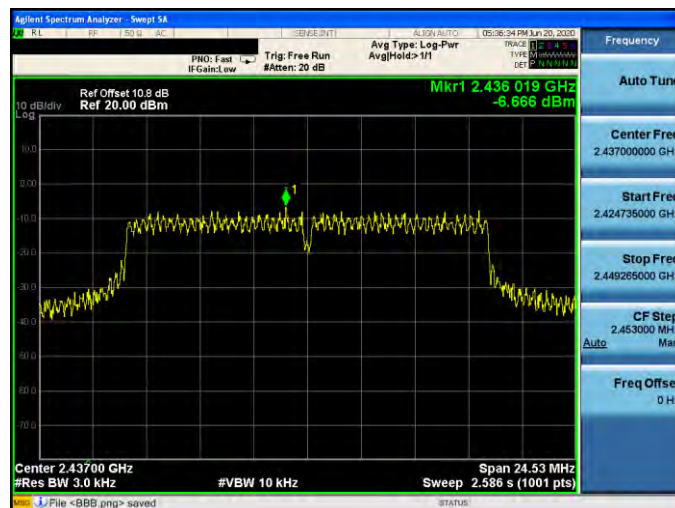


Mode 3: IEEE 802.11g Continuous TX mode_ANT-1

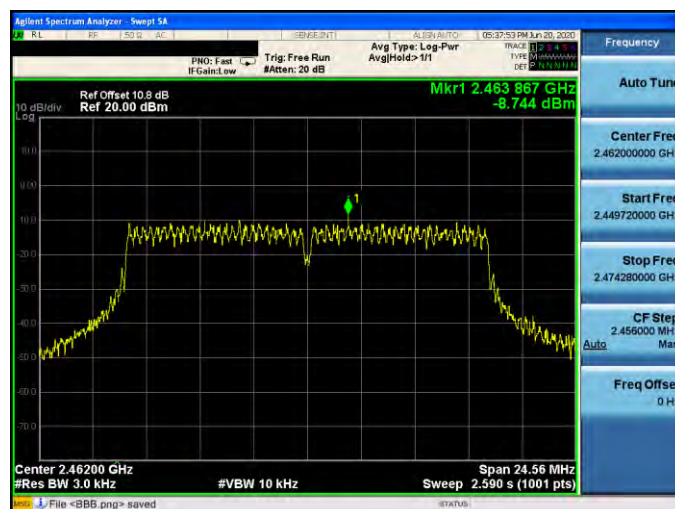
2412 MHz



2437 MHz



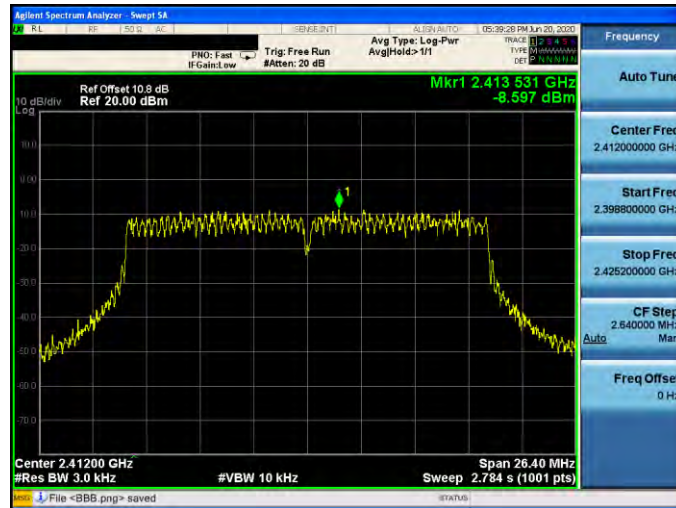
2462 MHz



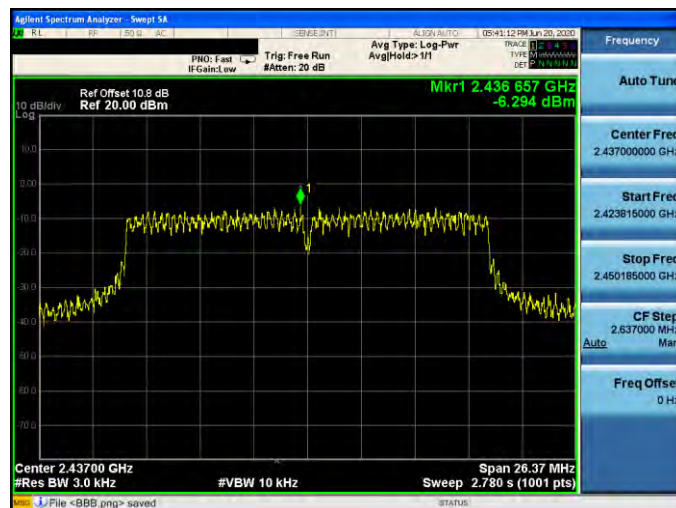


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-1

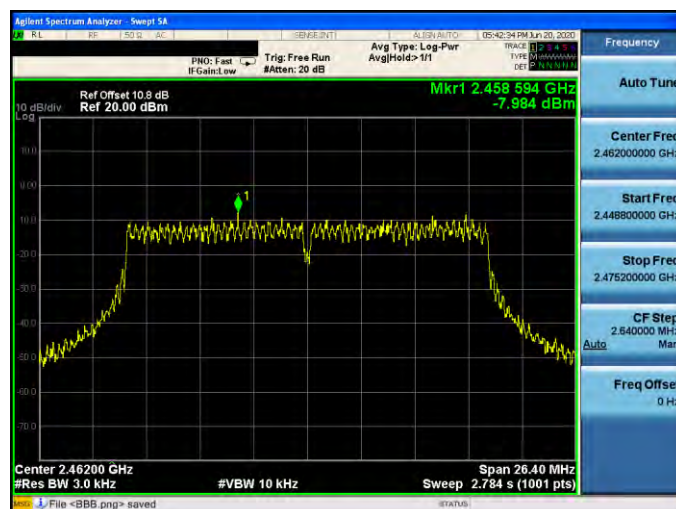
2412 MHz



2437 MHz



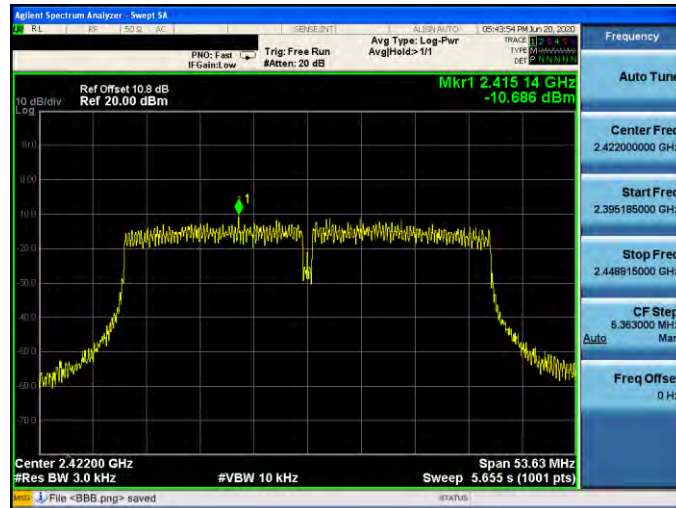
2462 MHz



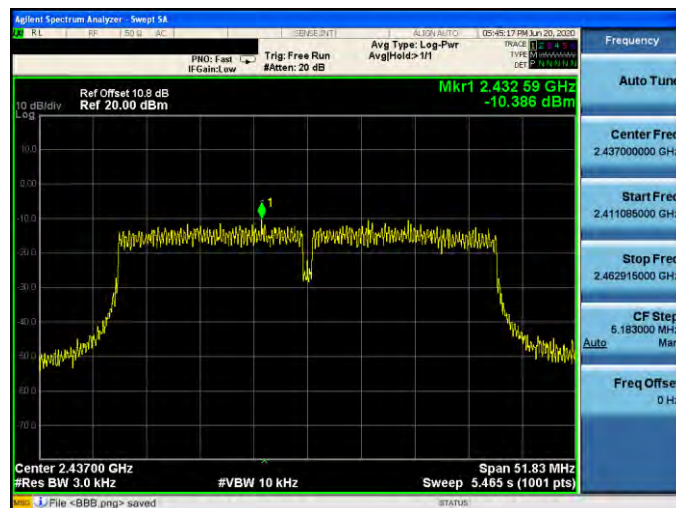


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-1

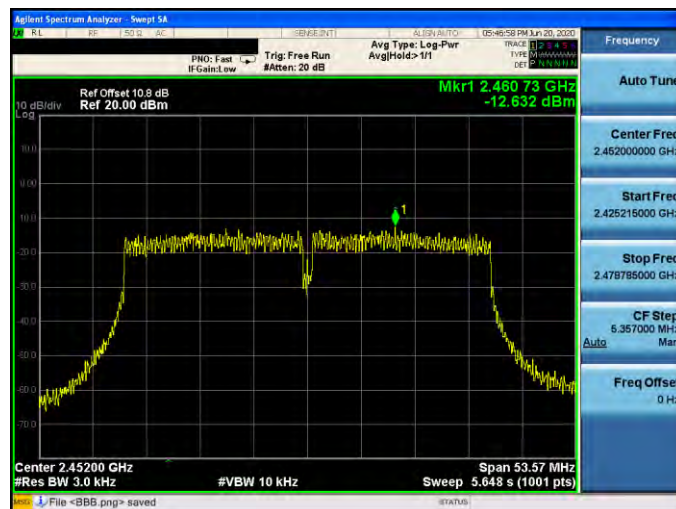
2422 MHz



2437 MHz

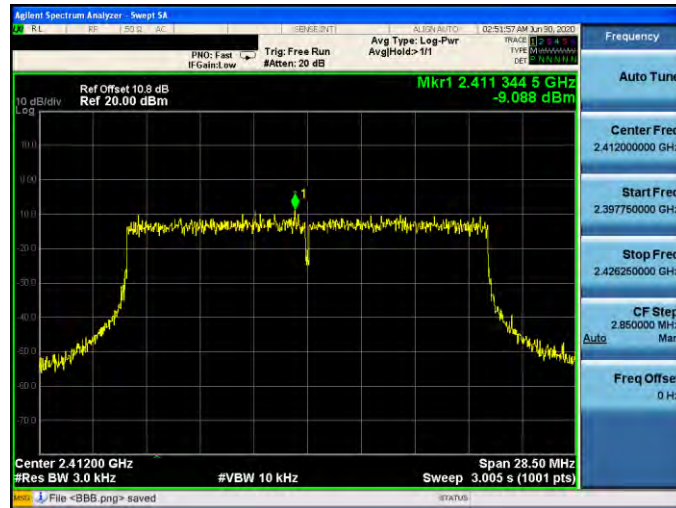


2452 MHz



Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-1

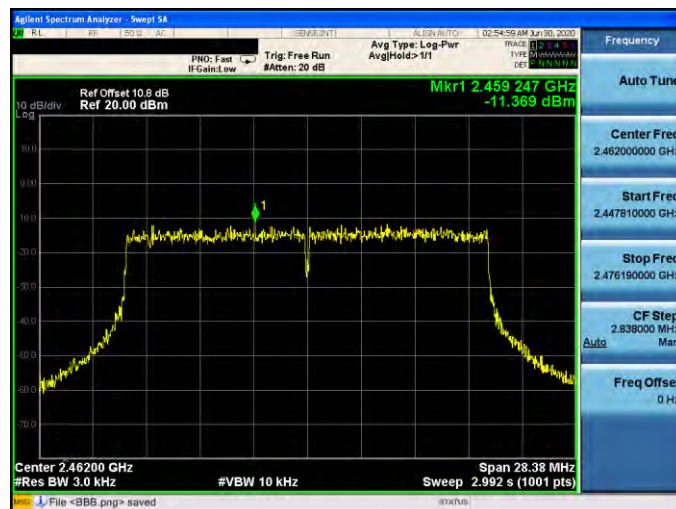
2412 MHz



2437 MHz

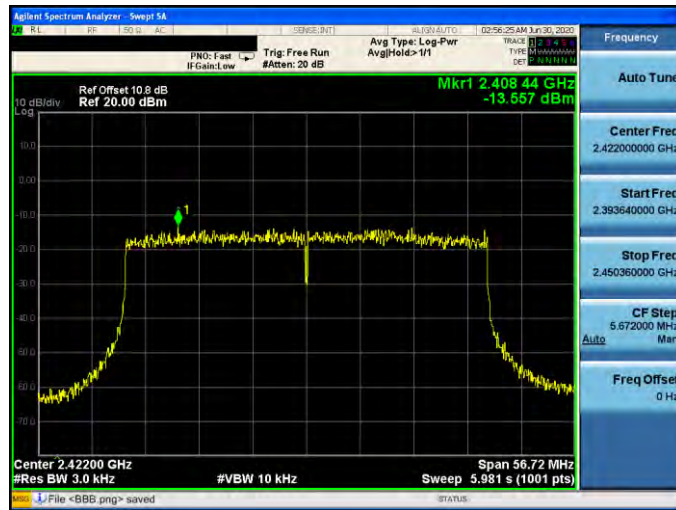


2462 MHz

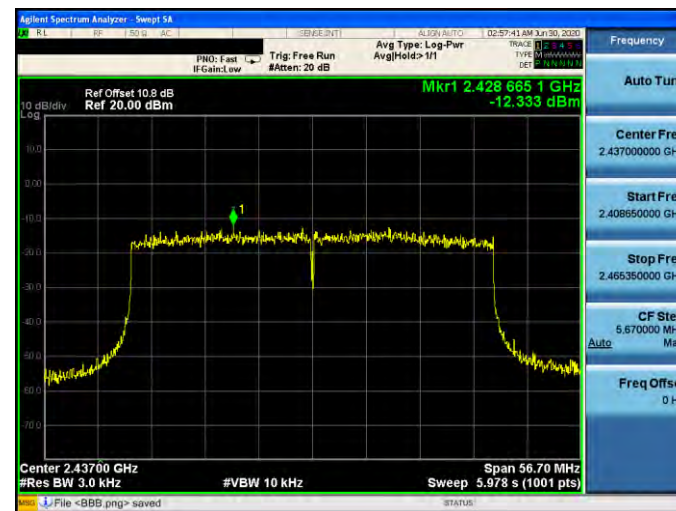


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-1

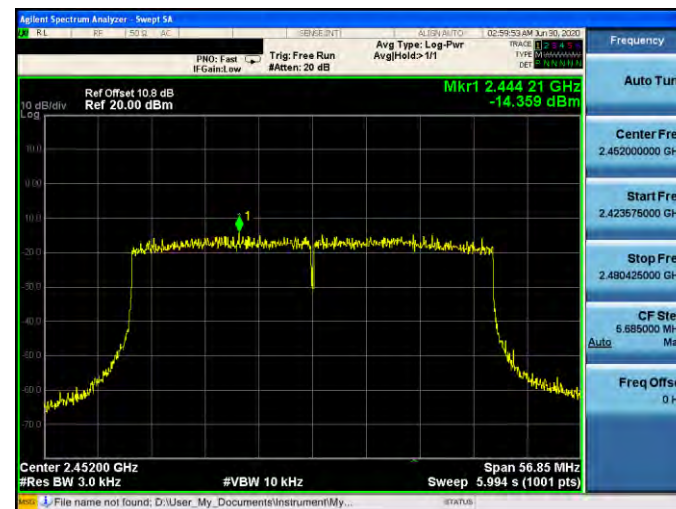
2422 MHz



2437 MHz



2452 MHz



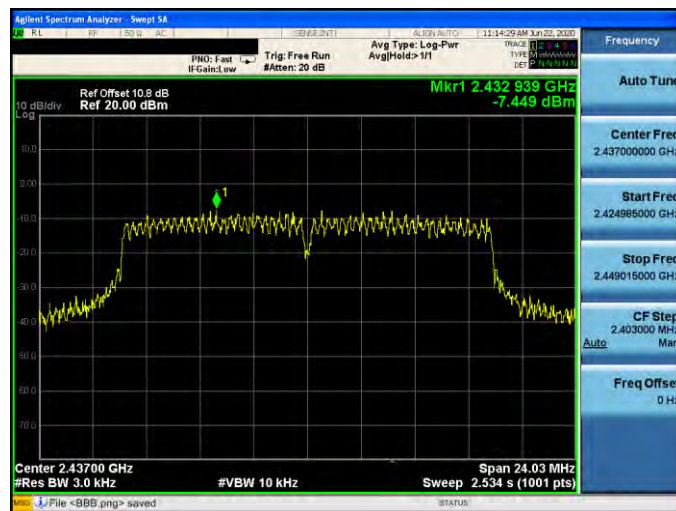


Mode 3: IEEE 802.11g Continuous TX mode_ANT-2

2412 MHz



2437 MHz



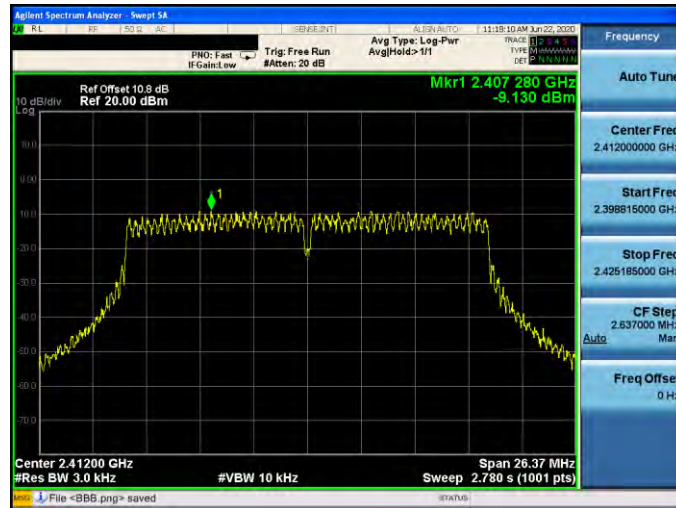
2462 MHz



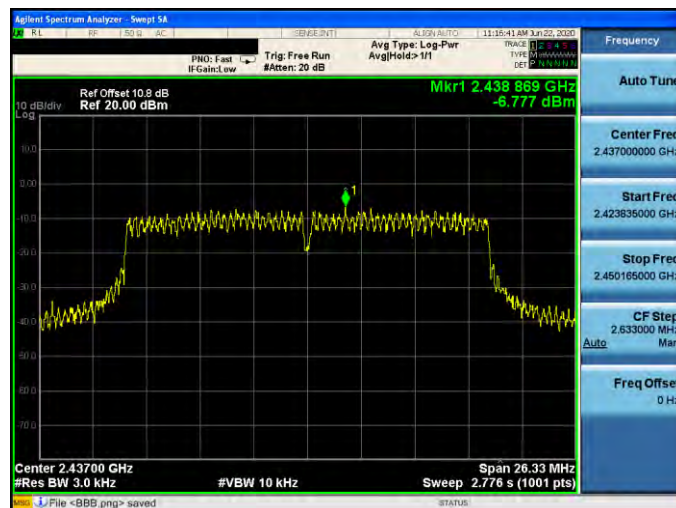


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-2

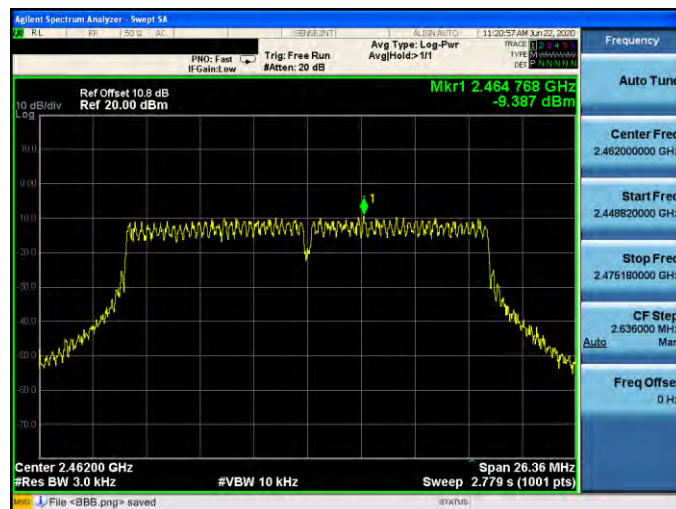
2412 MHz



2437 MHz



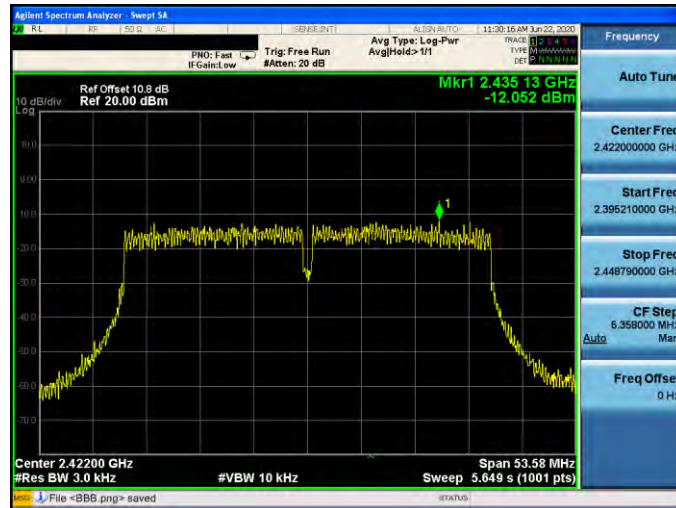
2462 MHz





Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-2

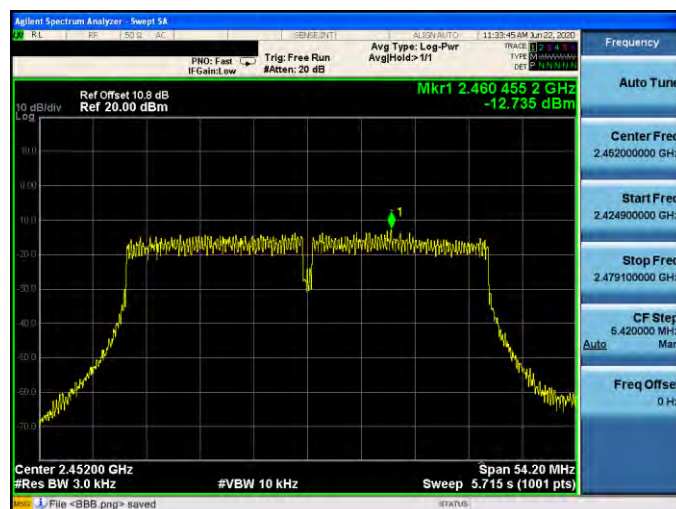
2422 MHz



2437 MHz

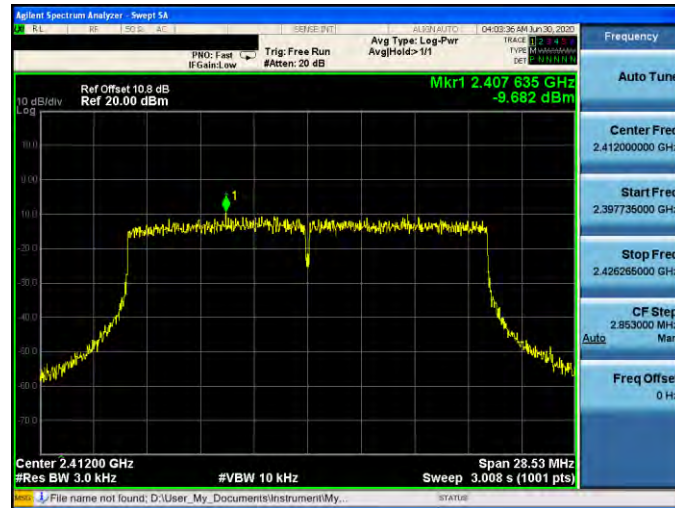


2452 MHz

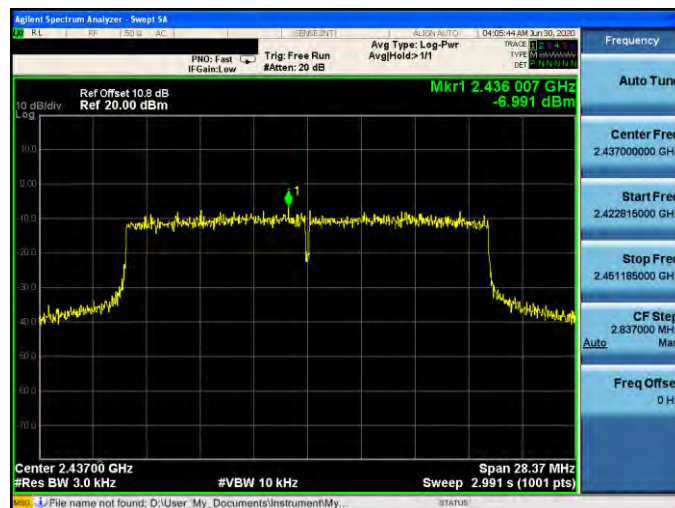


Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-2

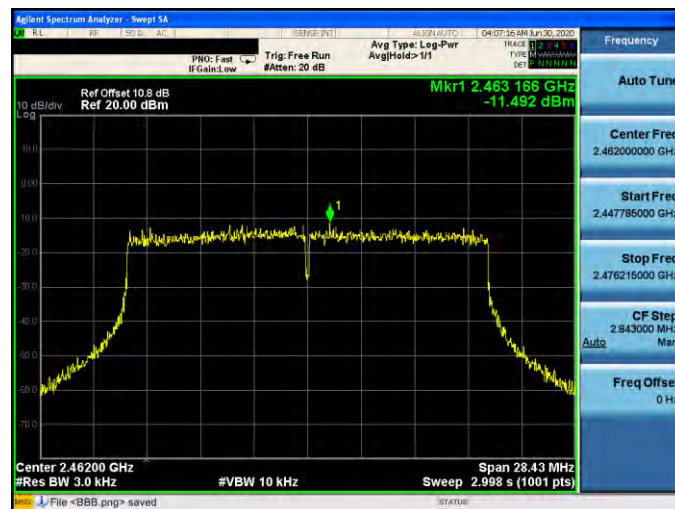
2412 MHz



2437 MHz



2462 MHz

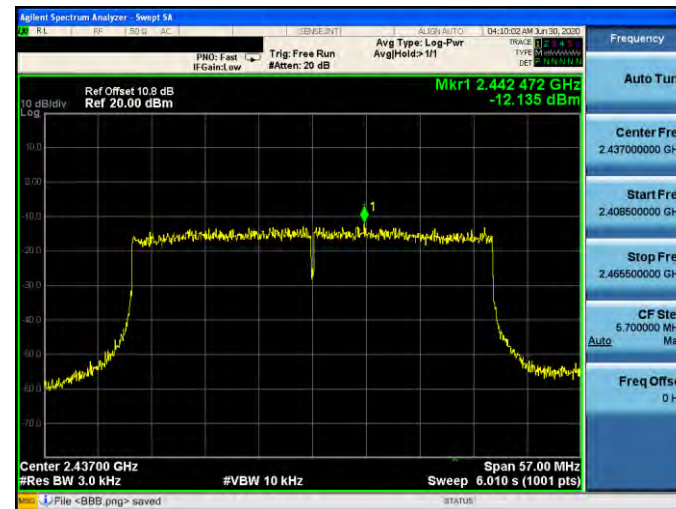


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-2

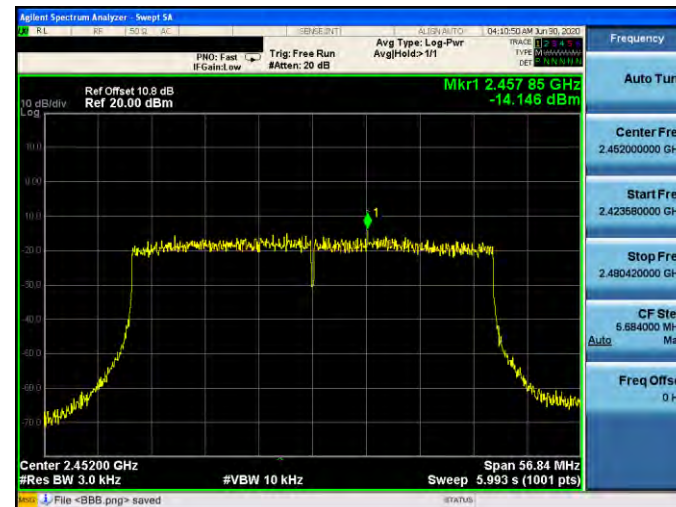
2422 MHz



2437 MHz



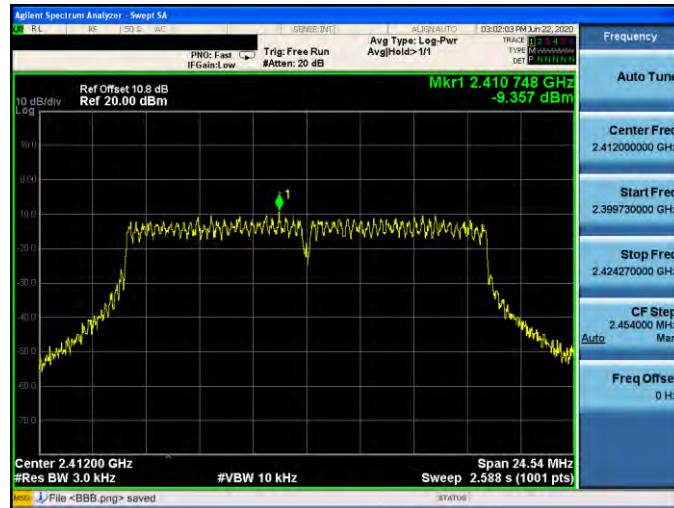
2452 MHz



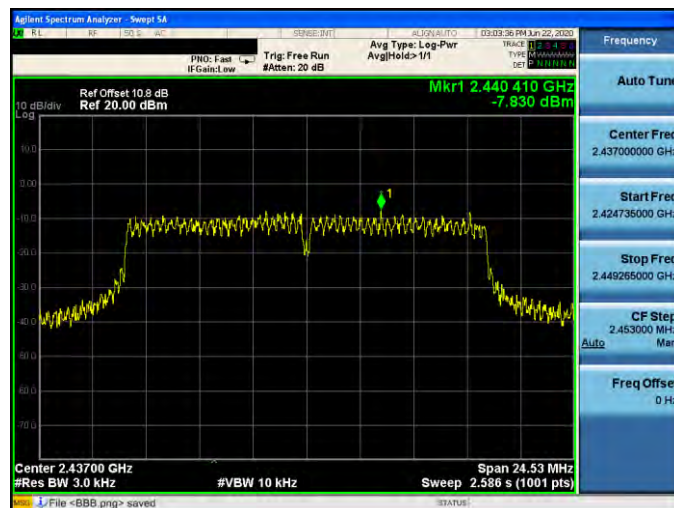


Mode 3: IEEE 802.11g Continuous TX mode_ANT-3

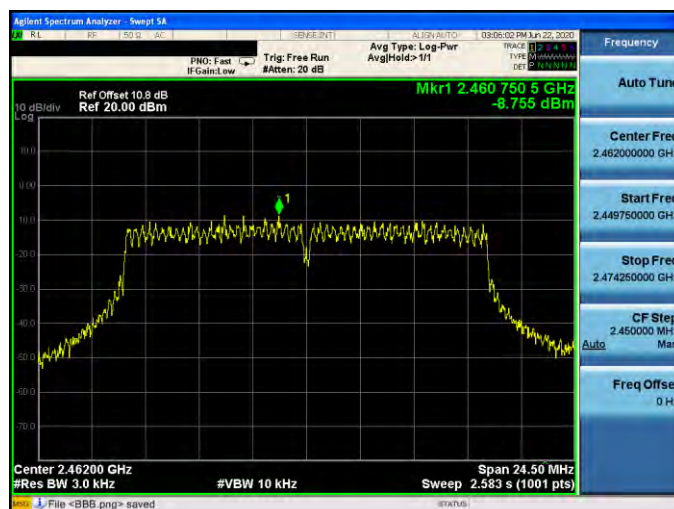
2412 MHz



2437 MHz

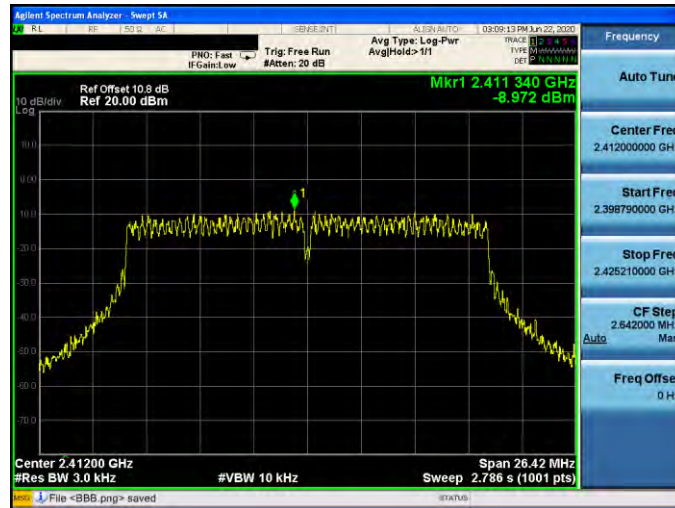


2462 MHz

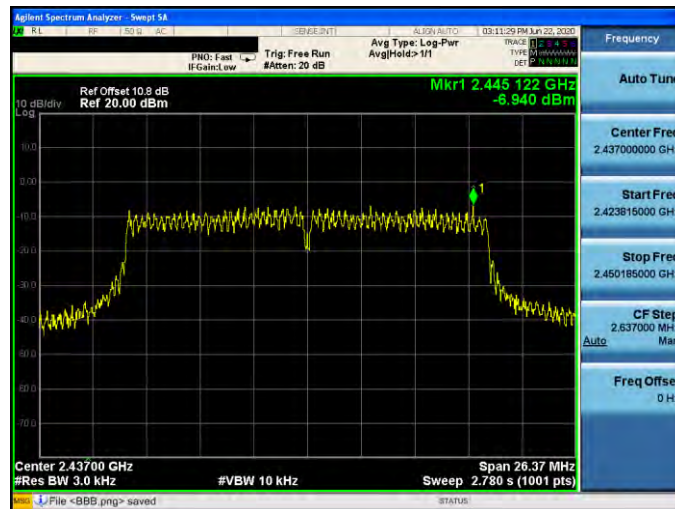


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-3

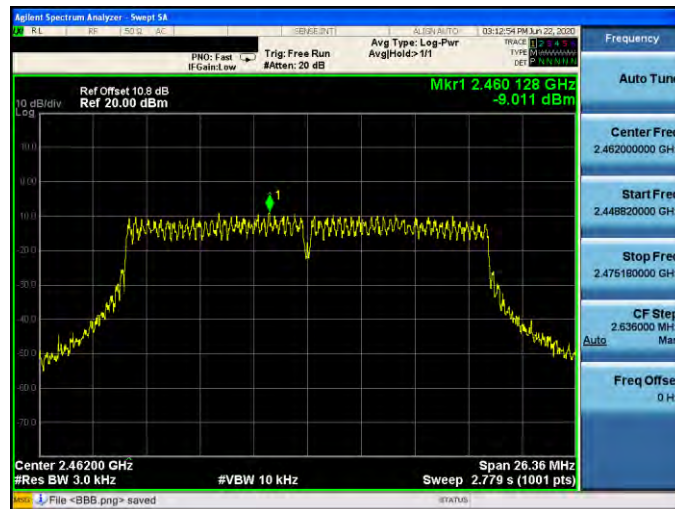
2412 MHz



2437 MHz



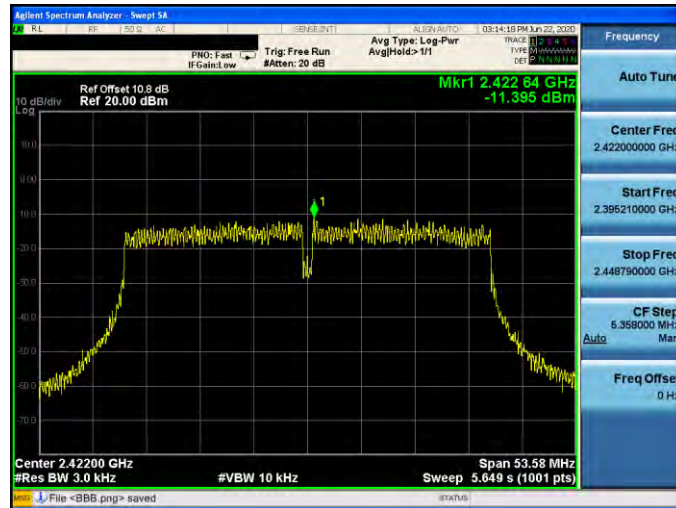
2462 MHz



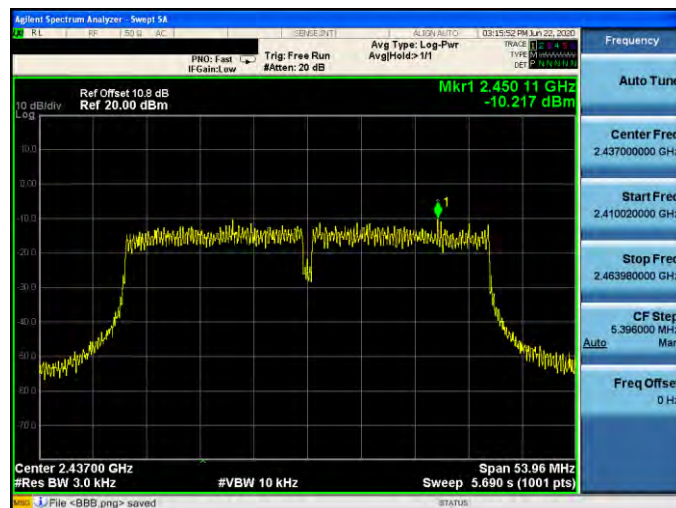


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-3

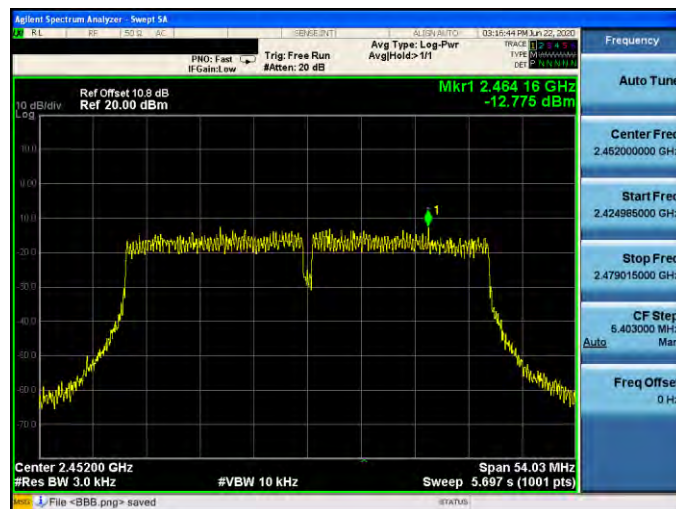
2422 MHz



2437 MHz



2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-3

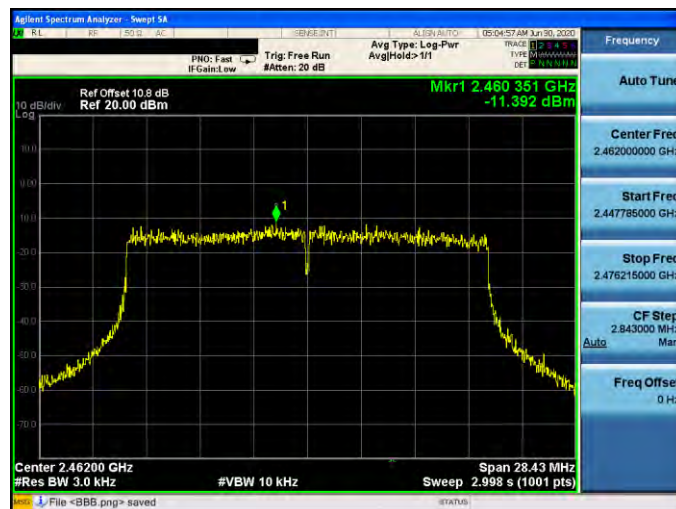
2412 MHz



2437 MHz

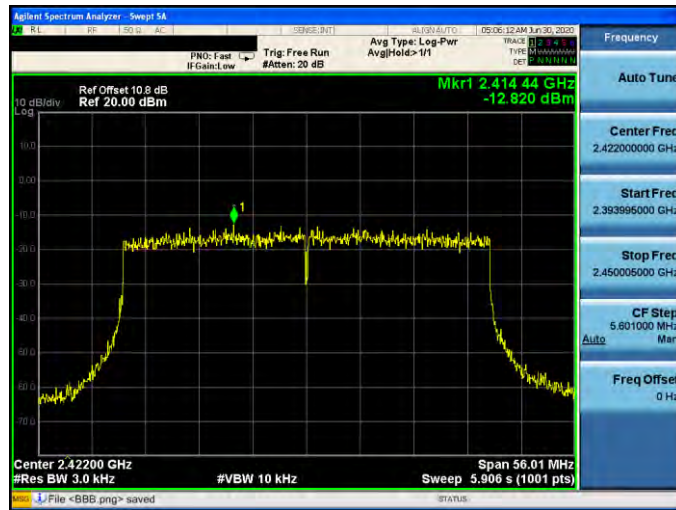


2462 MHz

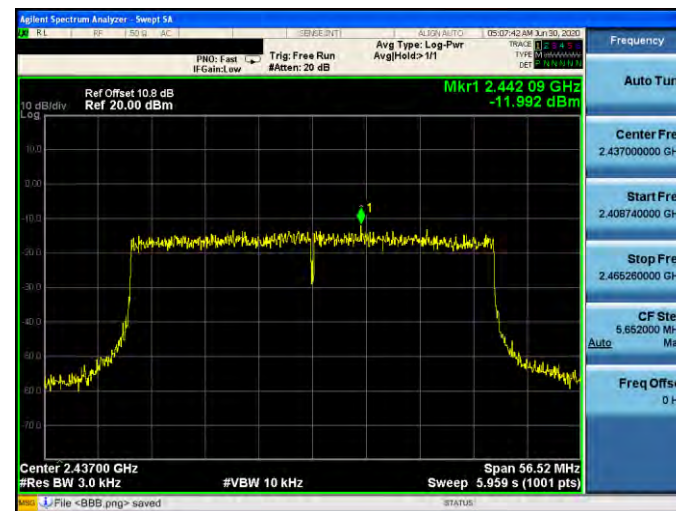


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-3

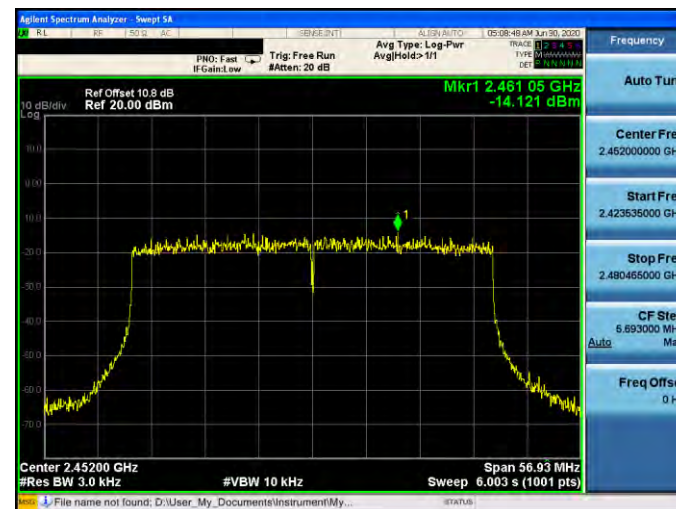
2422 MHz



2437 MHz



2452 MHz

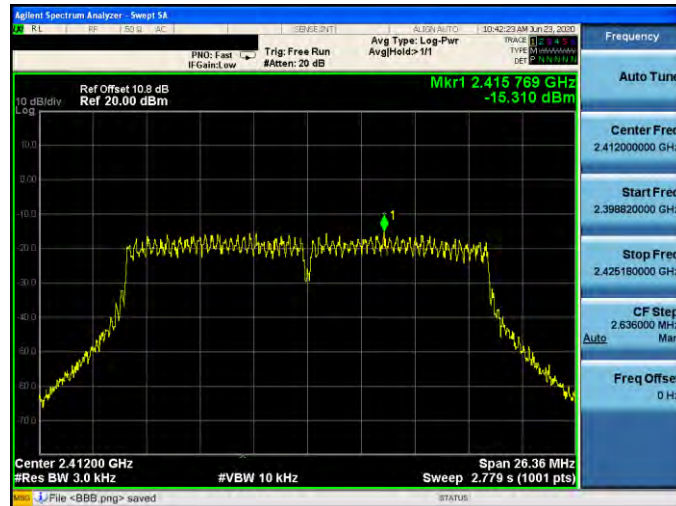




Beamforming on

Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode_ANT-0

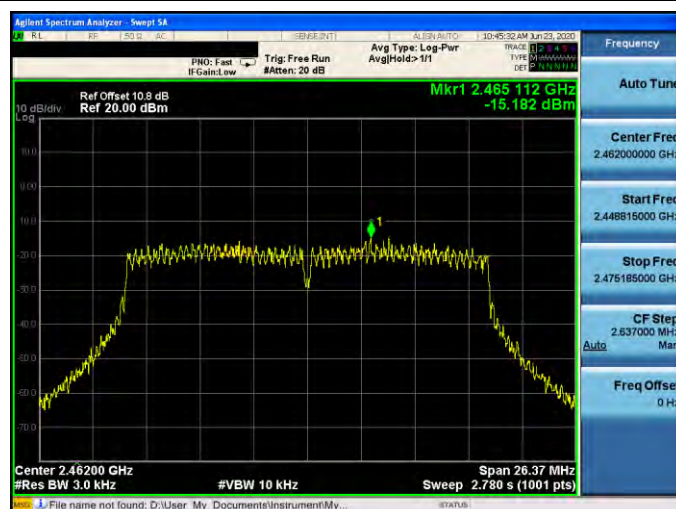
2412 MHz



2437 MHz

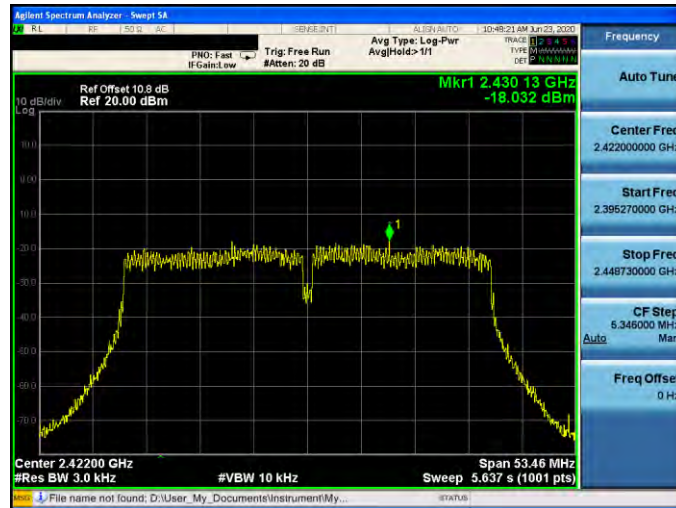


2462 MHz

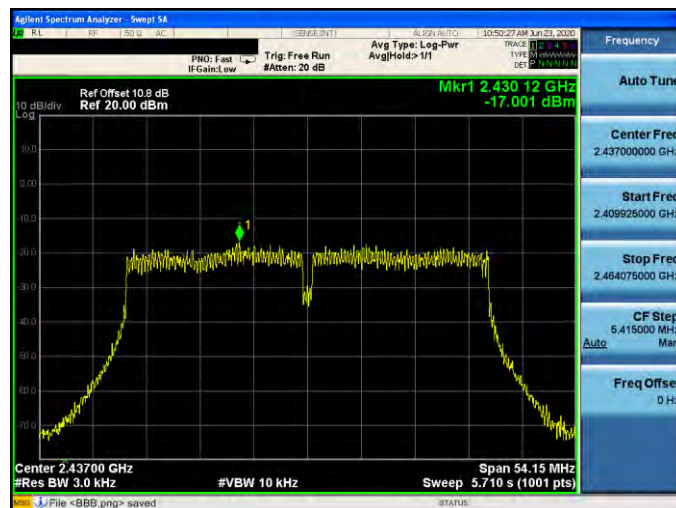


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-0

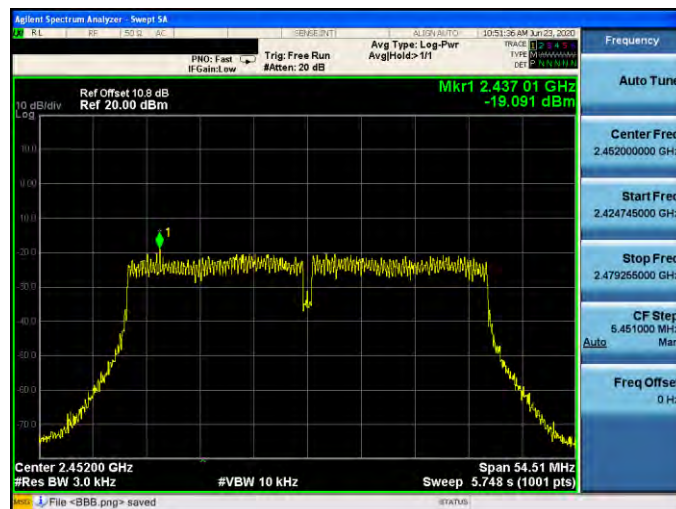
2422 MHz



2437 MHz



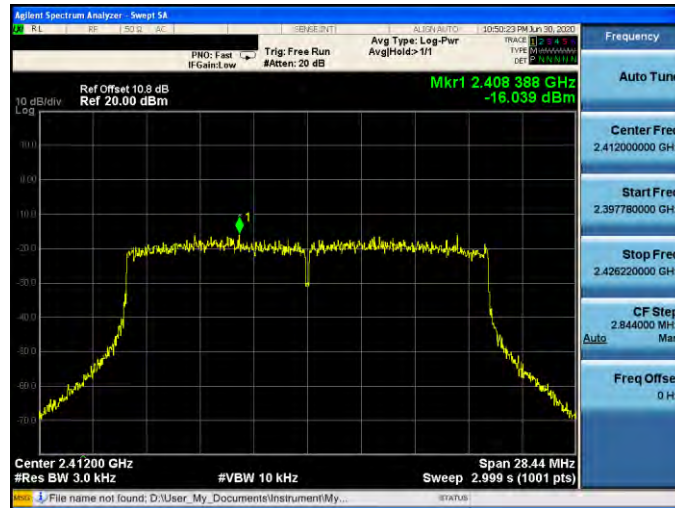
2452 MHz



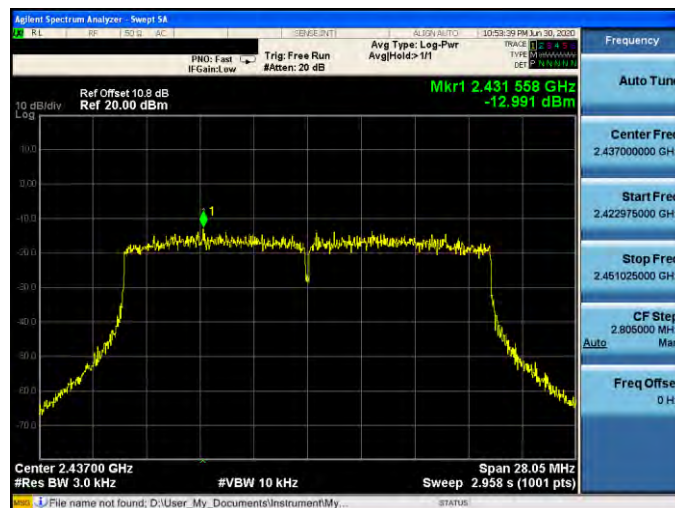


Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-0

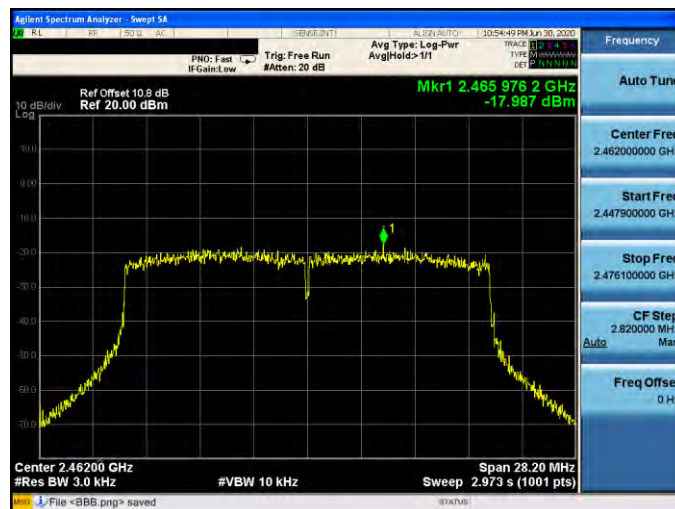
2412 MHz



2437 MHz



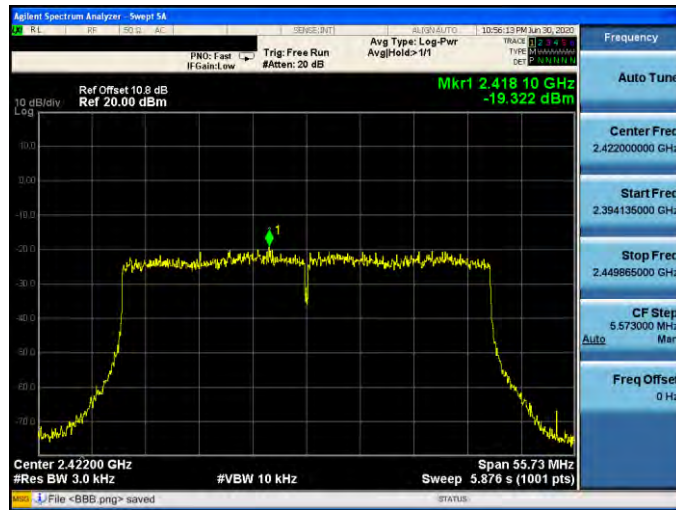
2462 MHz



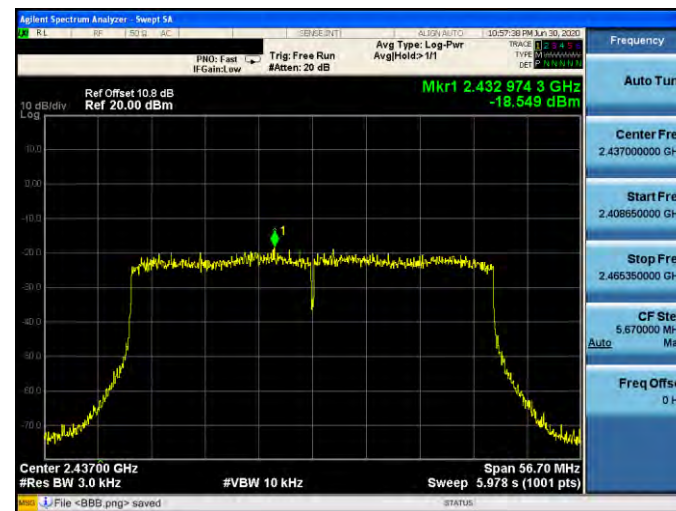


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-0

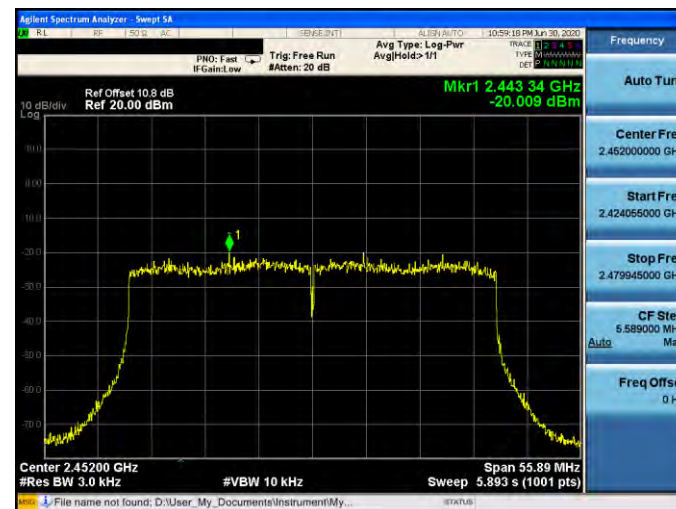
2422 MHz



2437 MHz



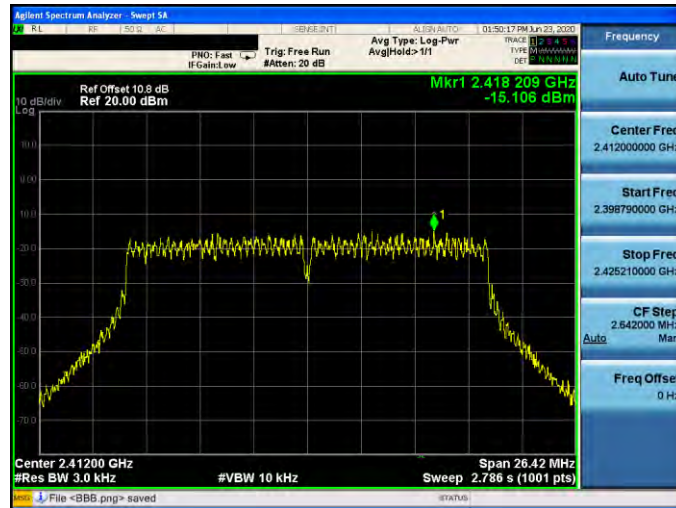
2452 MHz



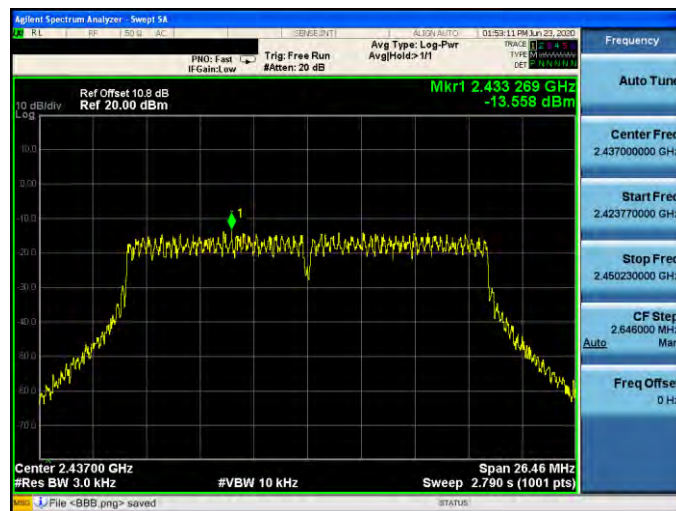


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-1

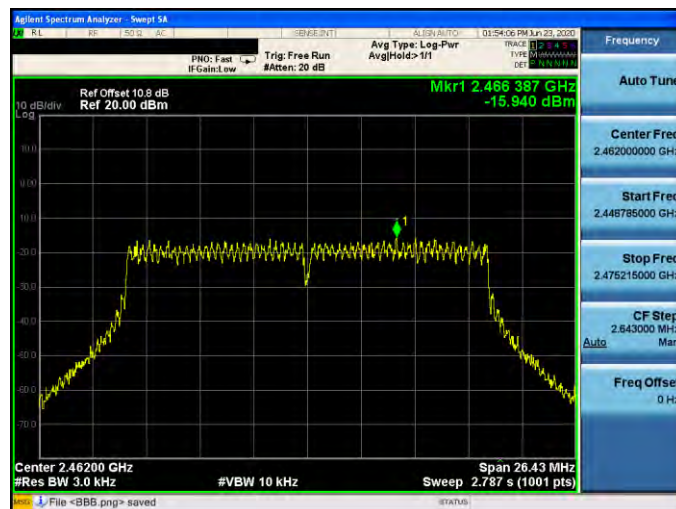
2412 MHz



2437 MHz



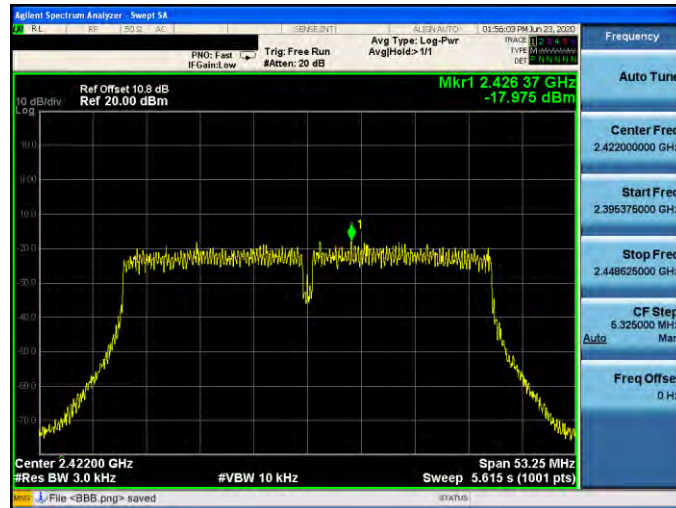
2462 MHz



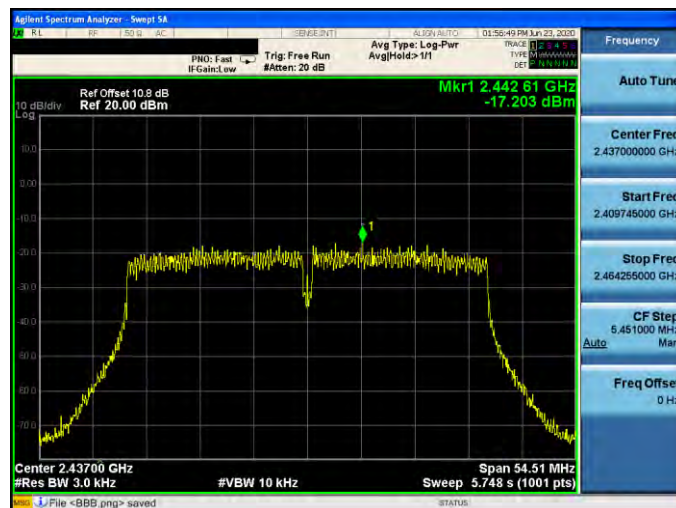


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-1

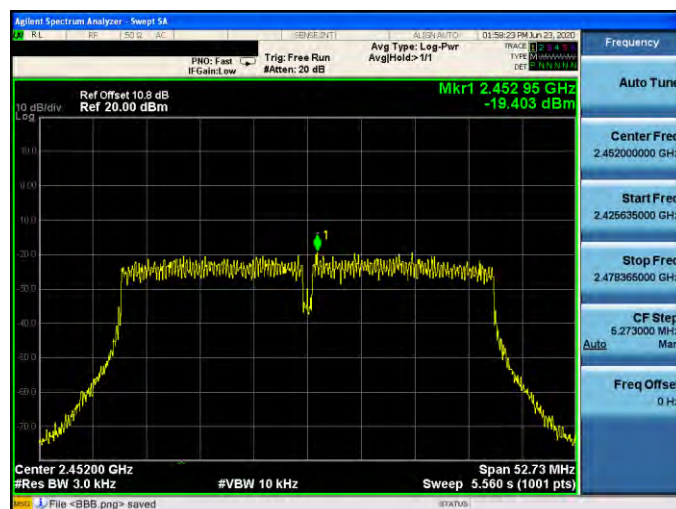
2422 MHz



2437 MHz



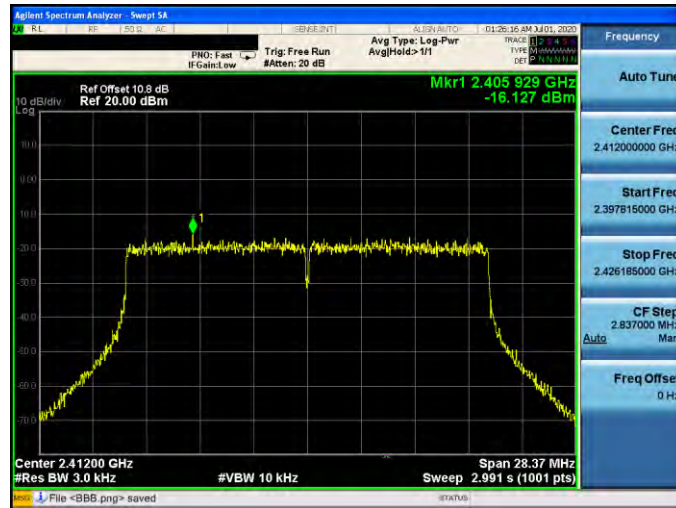
2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-1

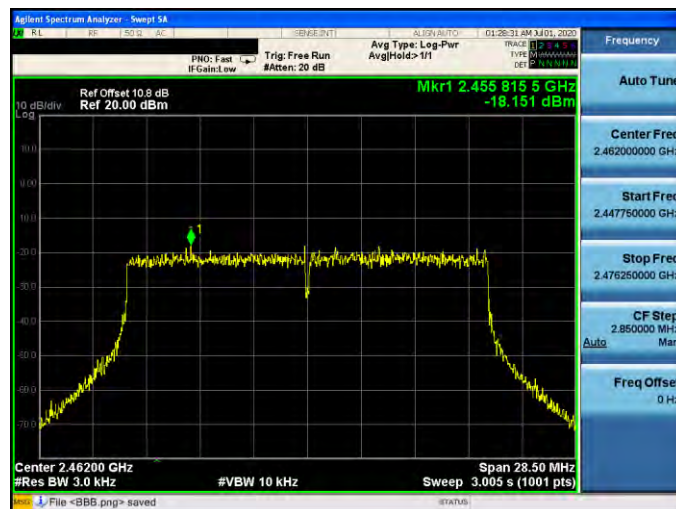
2412 MHz



2437 MHz

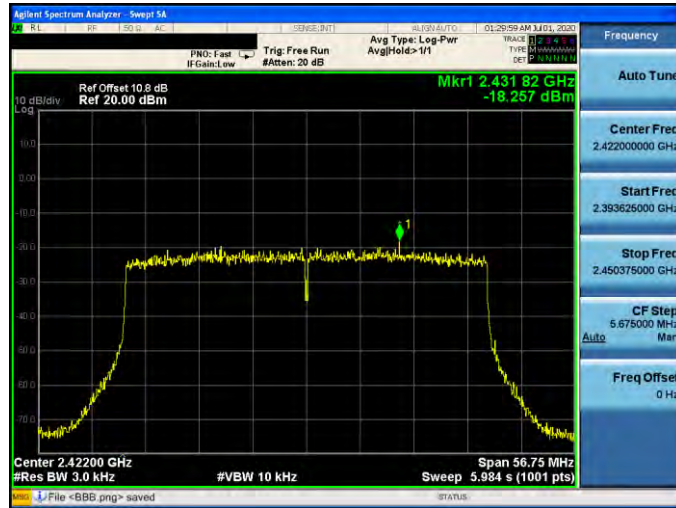


2462 MHz

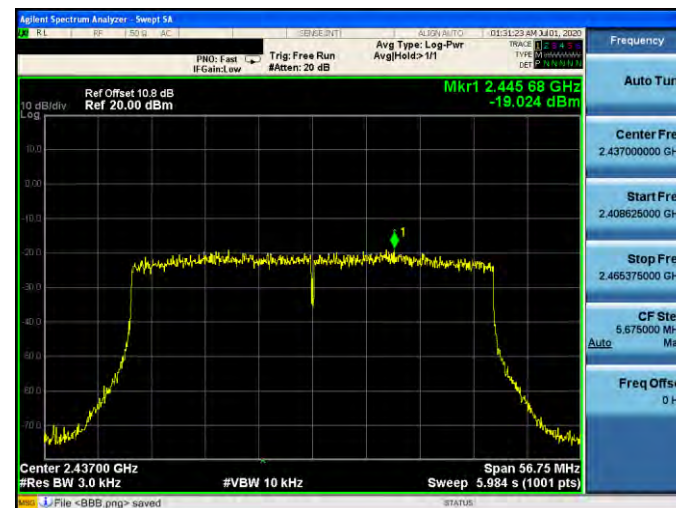


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-1

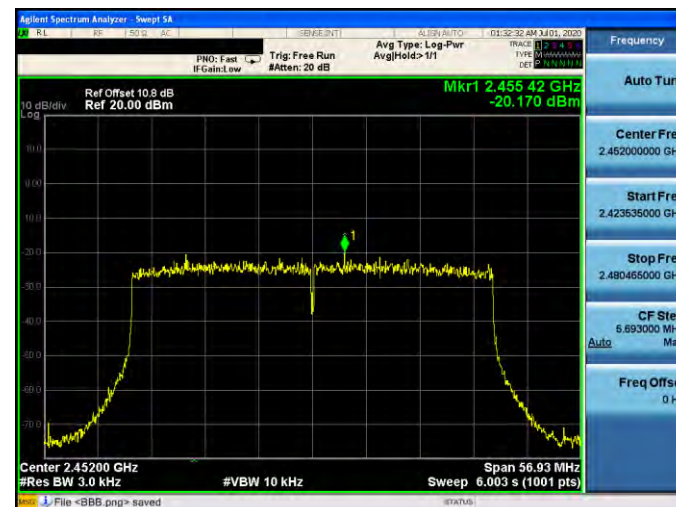
2422 MHz



2437 MHz



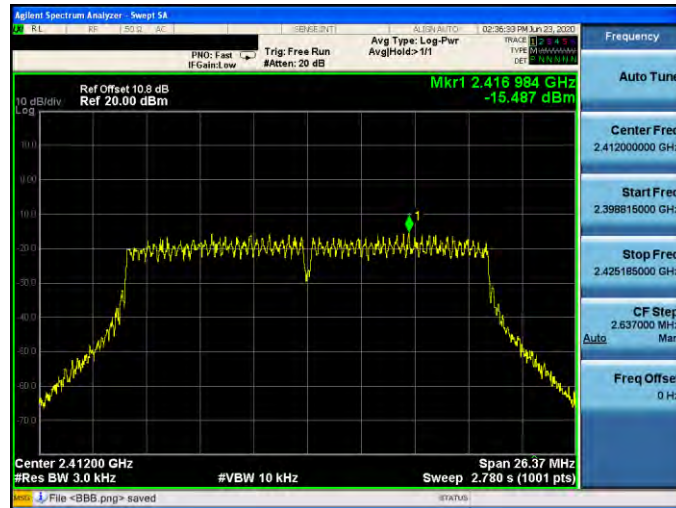
2452 MHz



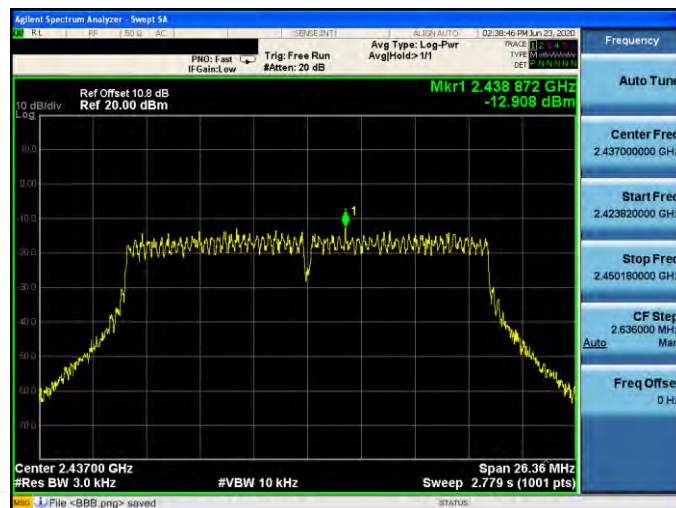


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-2

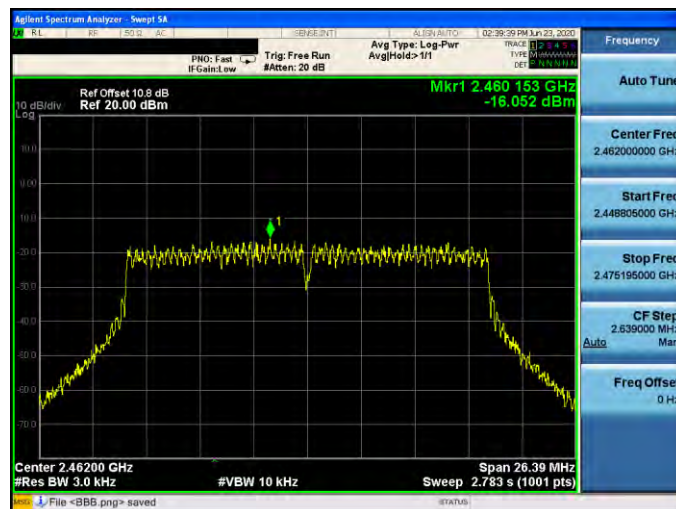
2412 MHz



2437 MHz



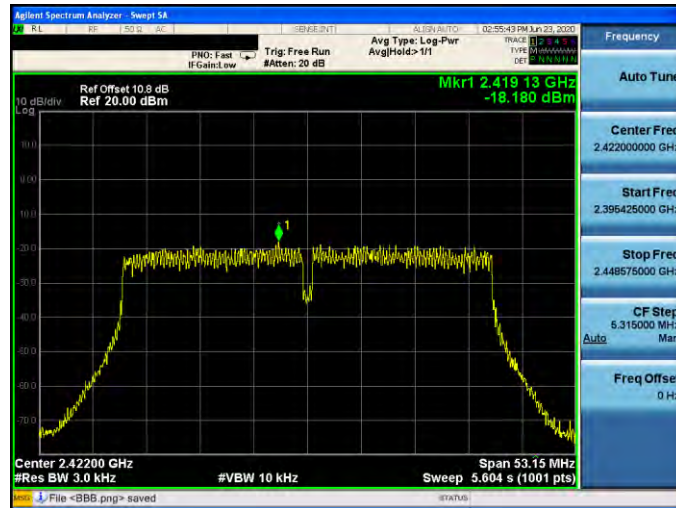
2462 MHz



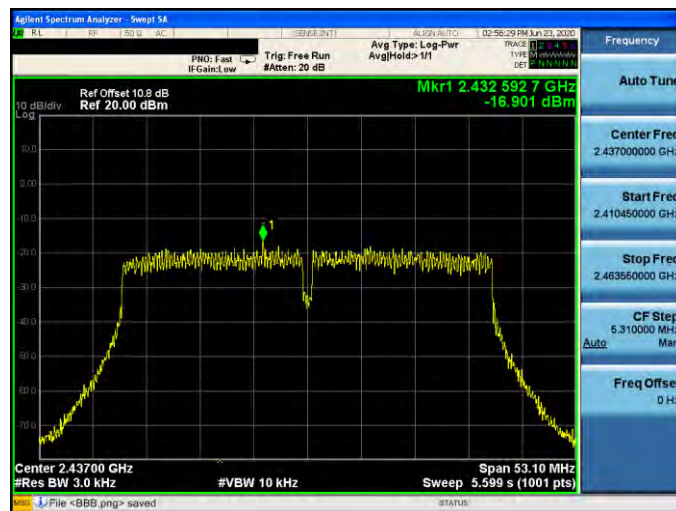


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-2

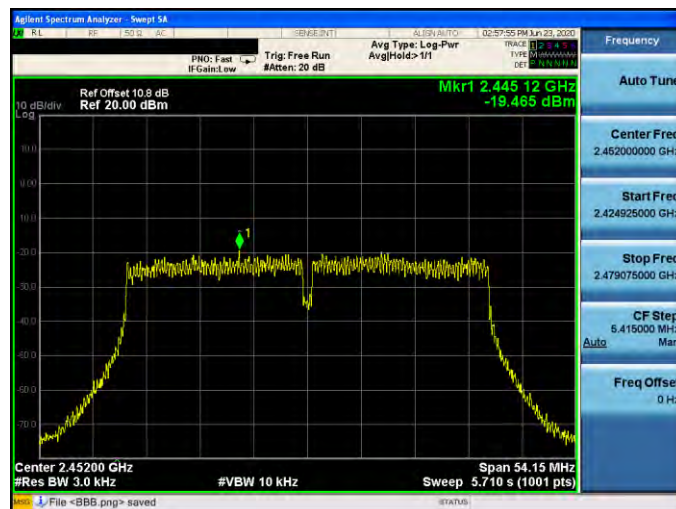
2422 MHz



2437 MHz



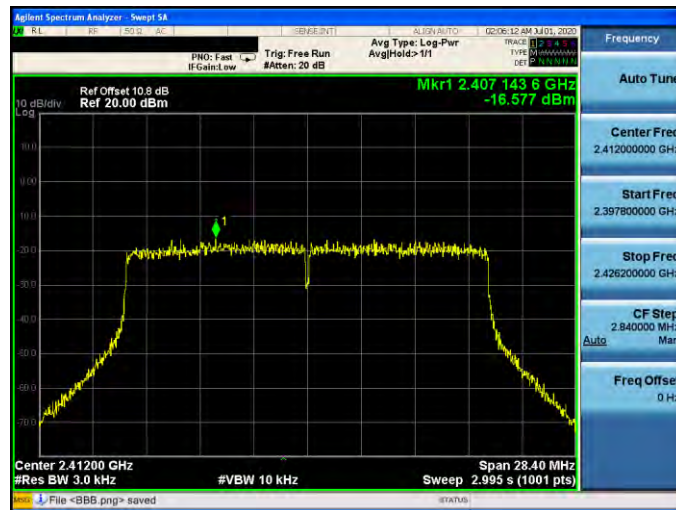
2452 MHz



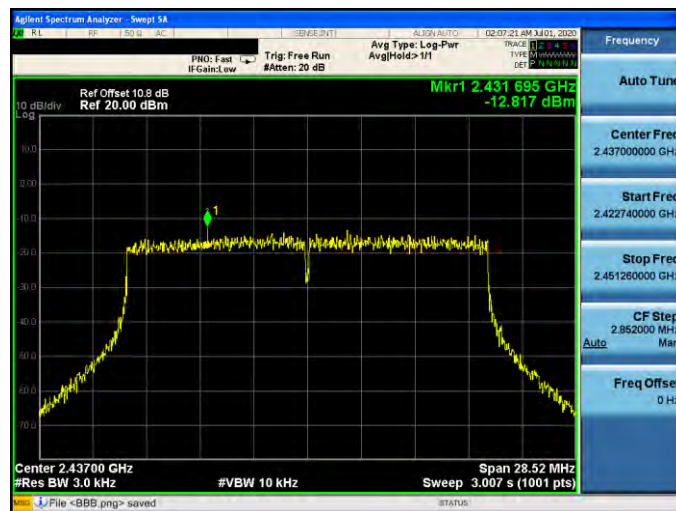


Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-2

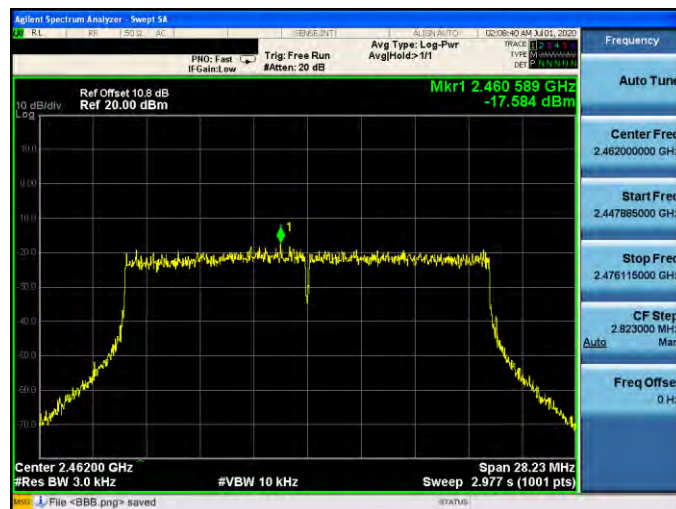
2412 MHz



2437 MHz

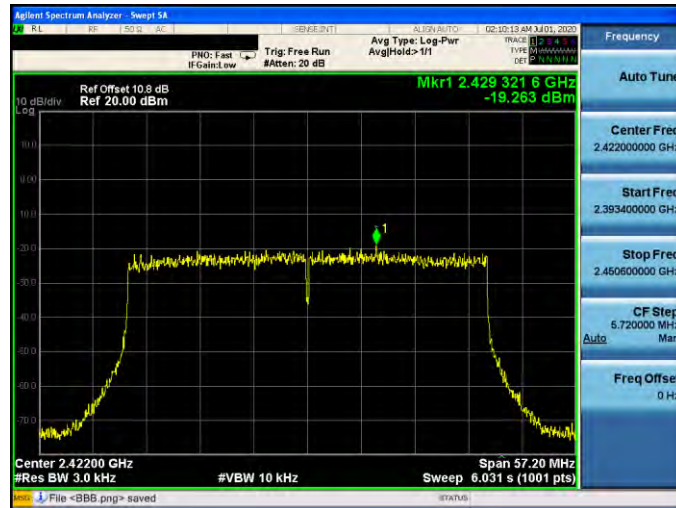


2462 MHz

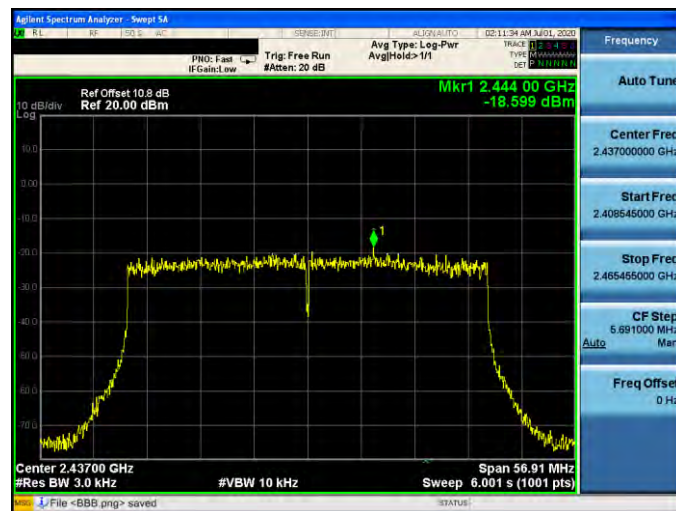


Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-2

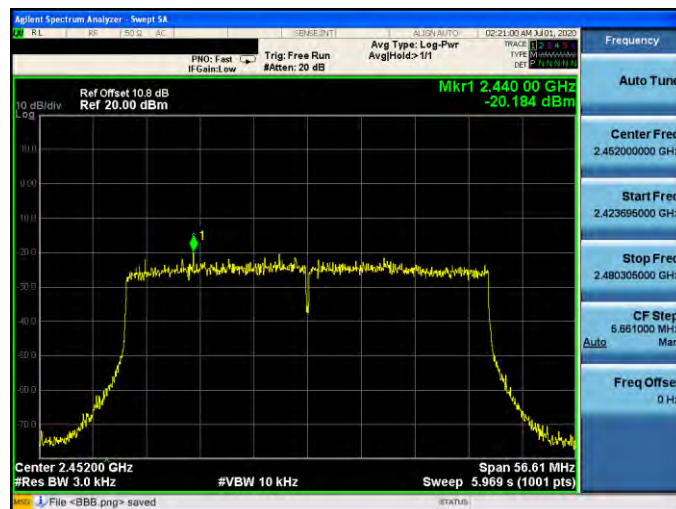
2422 MHz



2437 MHz



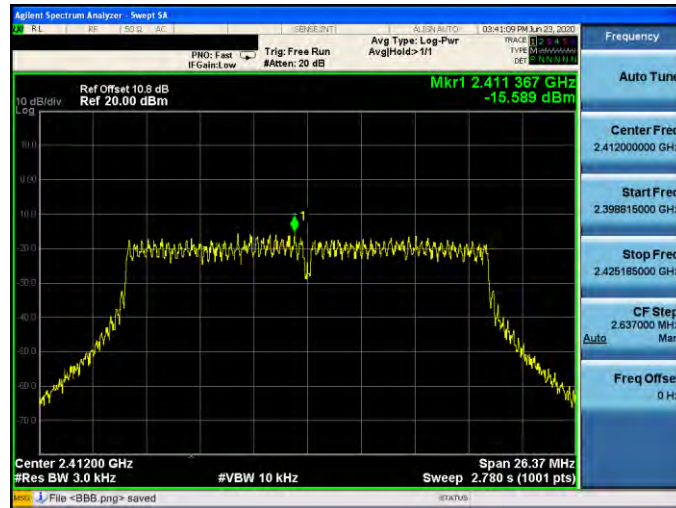
2452 MHz



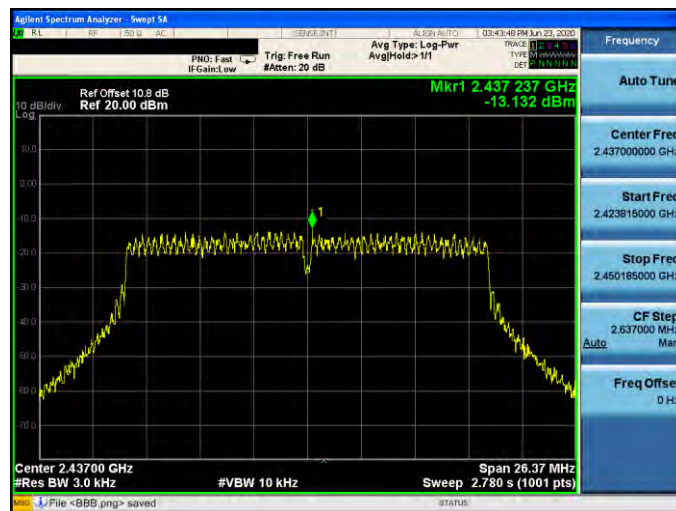


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-3

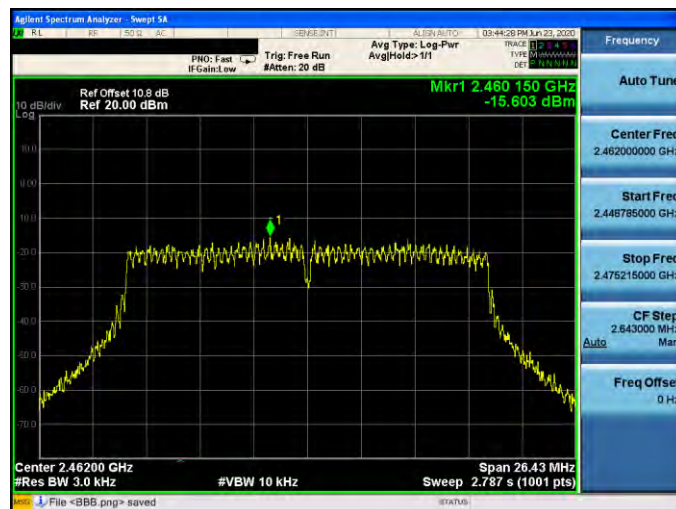
2412 MHz



2437 MHz



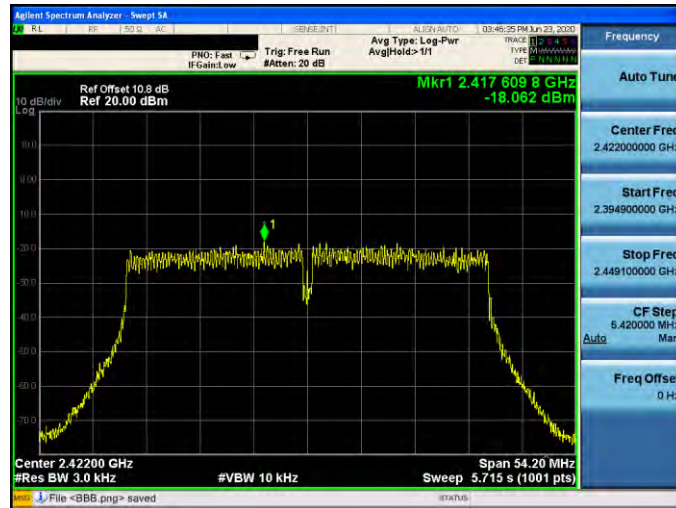
2462 MHz



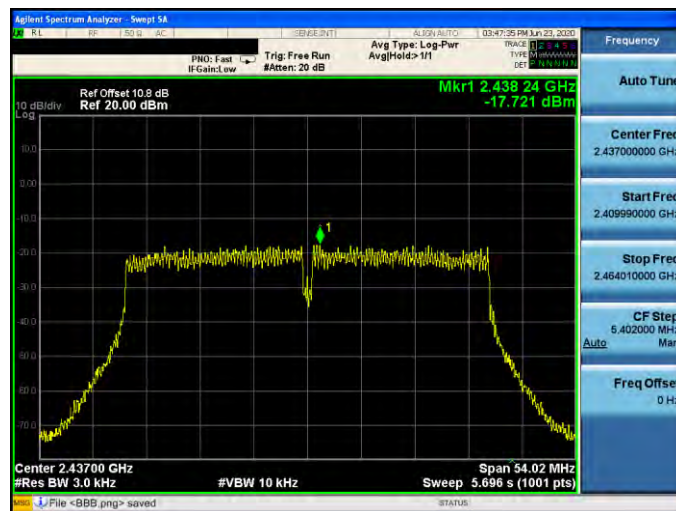


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-3

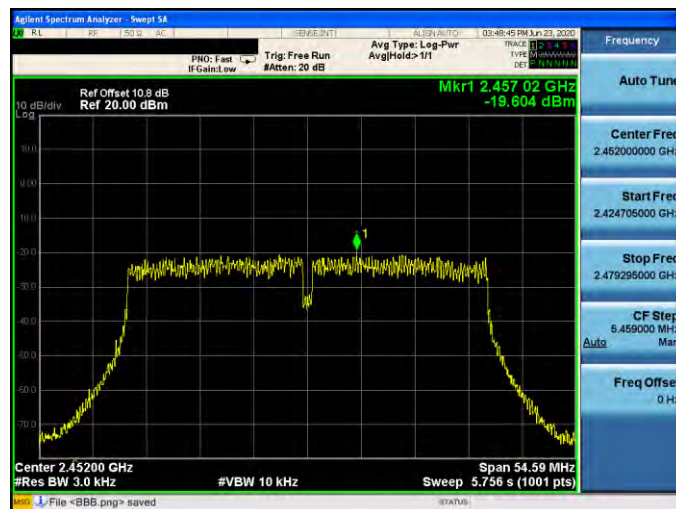
2422 MHz



2437 MHz



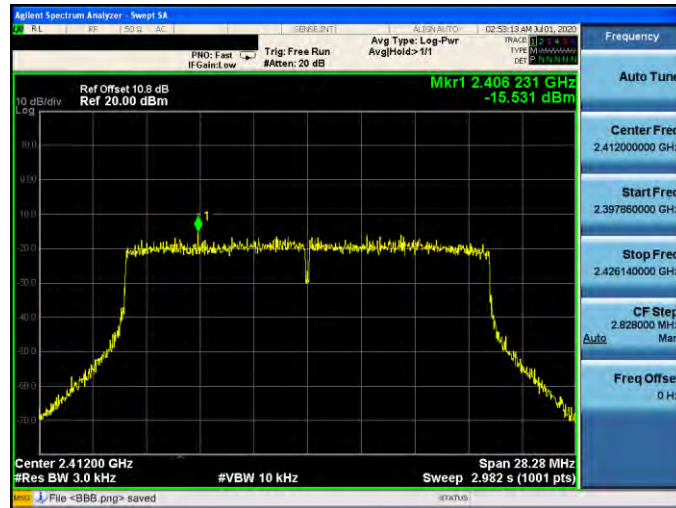
2452 MHz



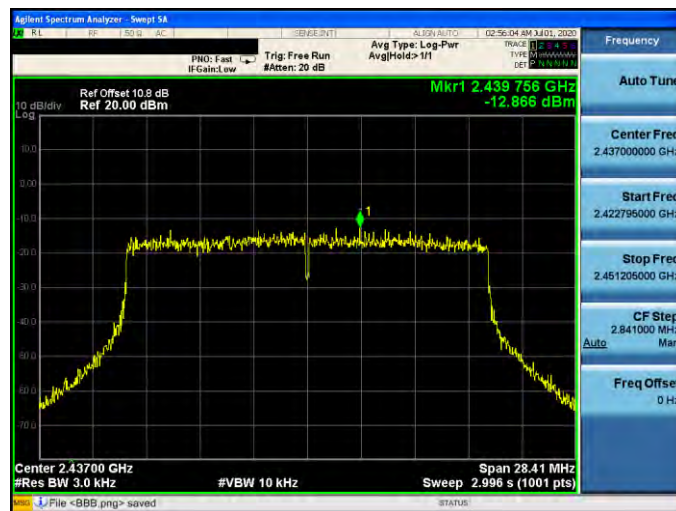


Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-3

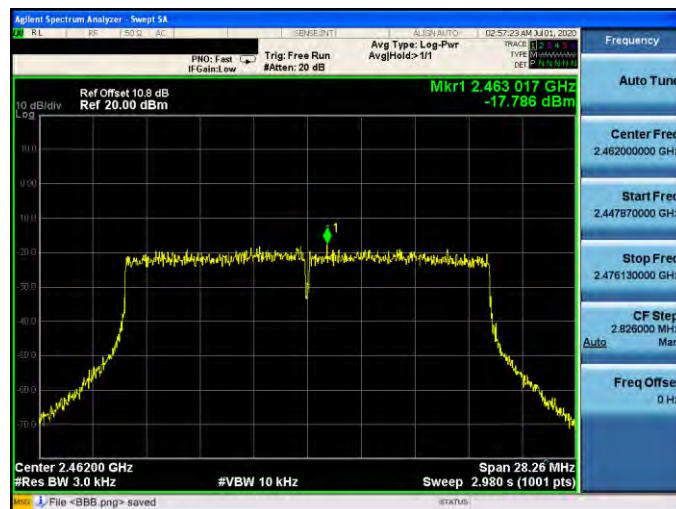
2412 MHz



2437 MHz

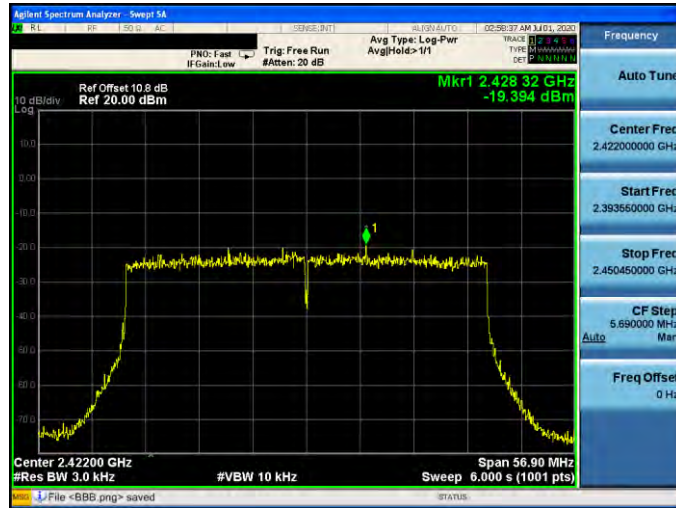


2462 MHz



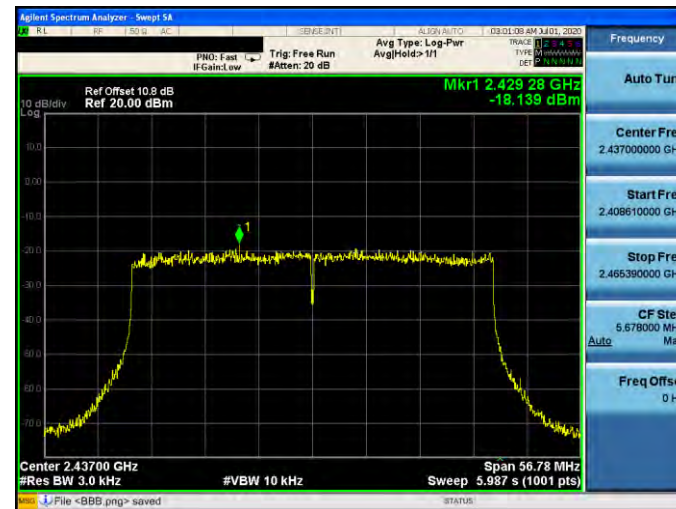
Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-3

2422 MHz

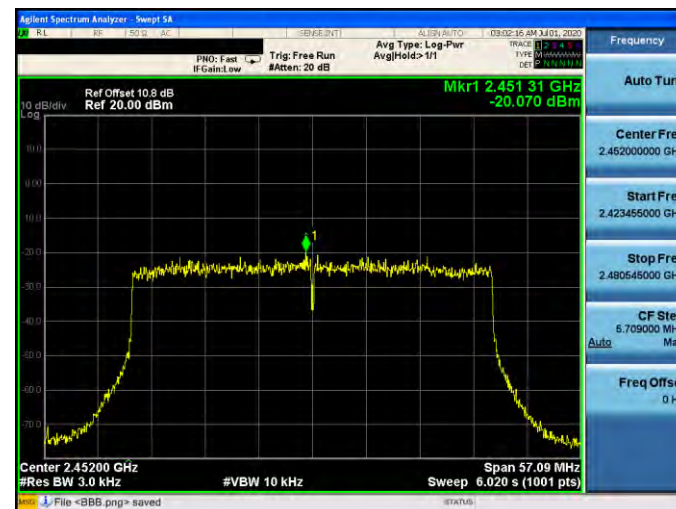


1

2437 MHz



2452 MHz



Out of Band Conducted Emissions Measurement

■ Test Graphs

Reference level

Mode 3: IEEE 802.11g Continuous TX mode_ANT-0

2412 MHz



2437 MHz



2462 MHz





Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode _ANT-0

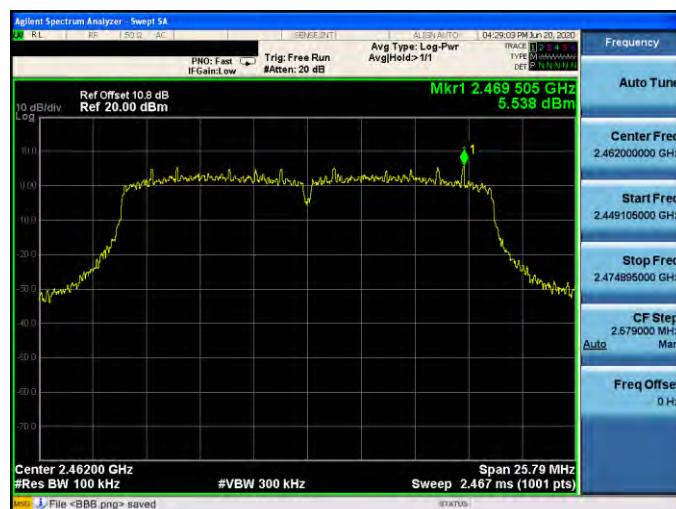
2412 MHz



2437 MHz



2462 MHz





Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode _ANT-0

2422 MHz



2437 MHz



2452 MHz





Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode_ANT-0

2412 MHz



2437 MHz



2462 MHz



Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode_ANT-0

2422 MHz



2437 MHz



2452 MHz





Mode 2: IEEE 802.11b Continuous TX mode_ANT-1

2412 MHz



2437 MHz



2462 MHz

