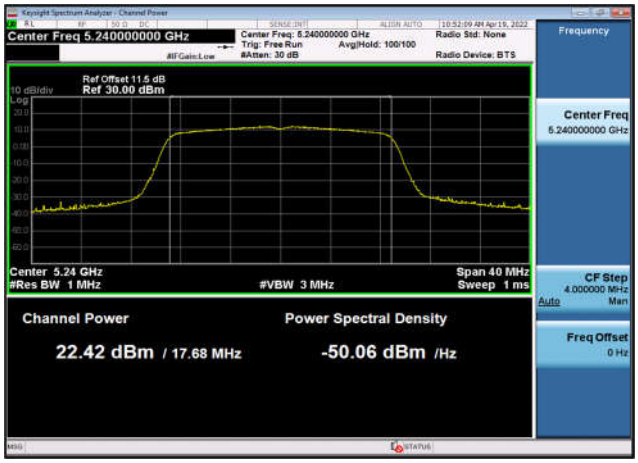
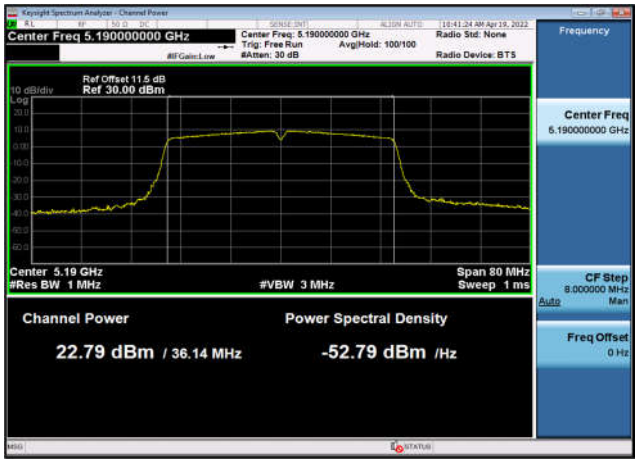
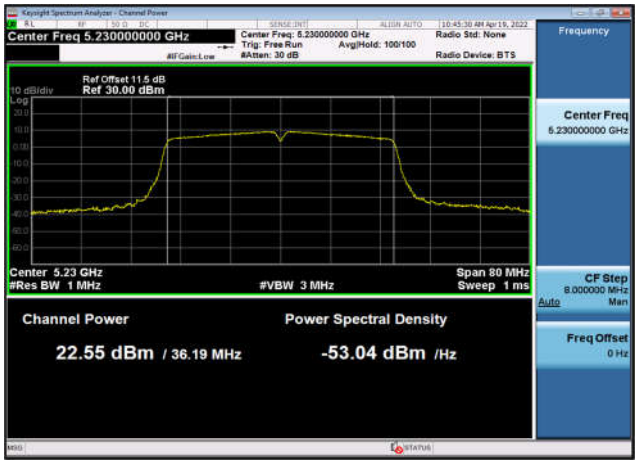
U-NII-1 Output Power-802.11ax(20MHz) ,5240MHz,Ant4



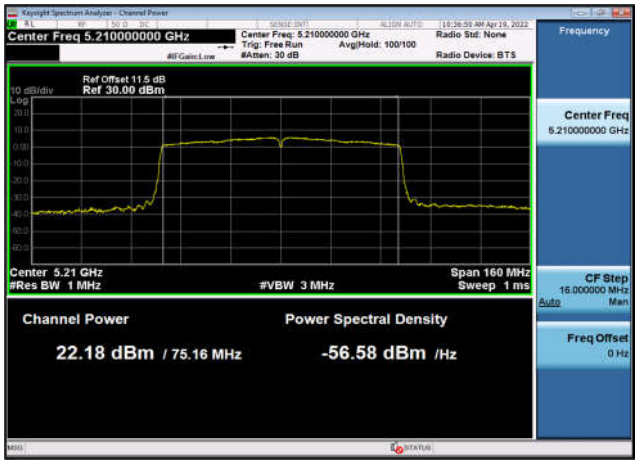
U-NII-1 Output Power-802.11ax(40MHz) ,5190MHz,Ant4



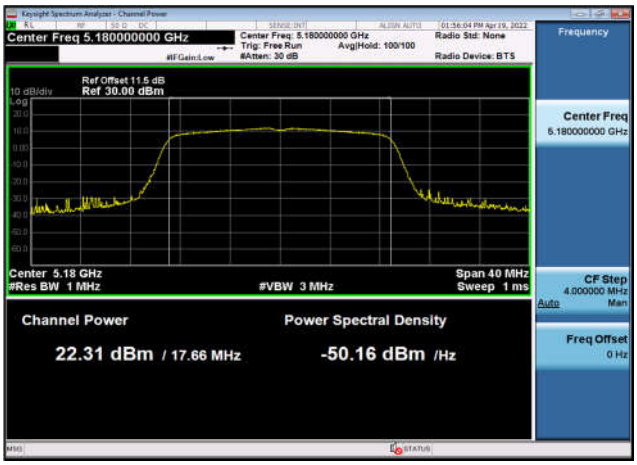
U-NII-1 Output Power-802.11ax(40MHz) ,5230MHz,Ant4



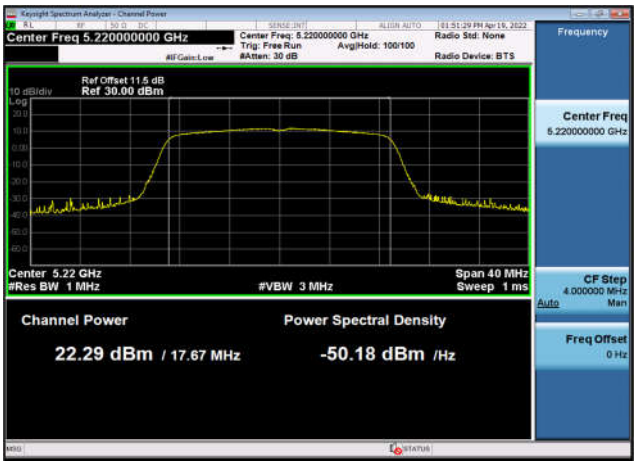
U-NII-1 Output Power-802.11ax(80MHz) ,5210MHz,Ant4



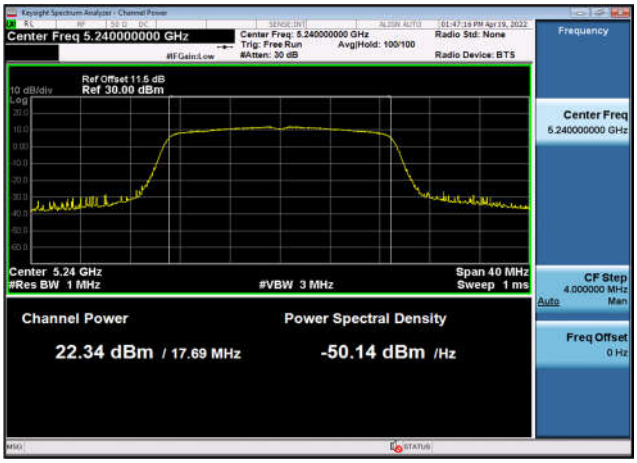
U-NII-1 Output Power-802.11n(20MHz) ,5180MHz,Ant5



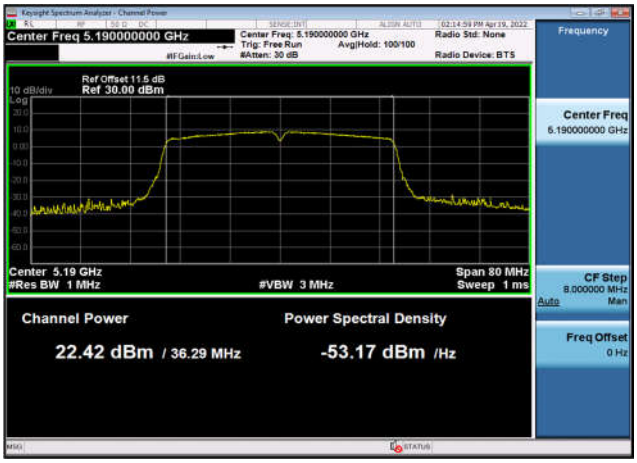
U-NII-1 Output Power-802.11n(20MHz) ,5220MHz,Ant5



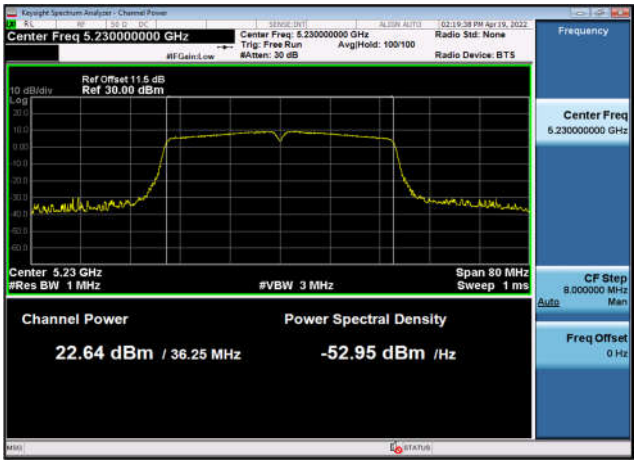
U-NII-1 Output Power-802.11n(20MHz) ,5240MHz,Ant5



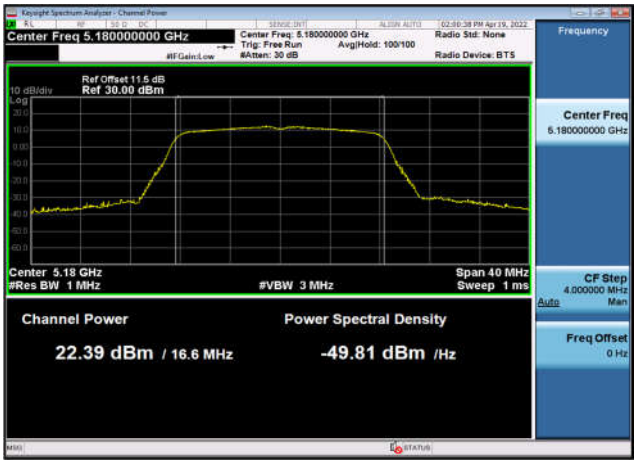
U-NII-1 Output Power-802.11n(40MHz) ,5190MHz,Ant5



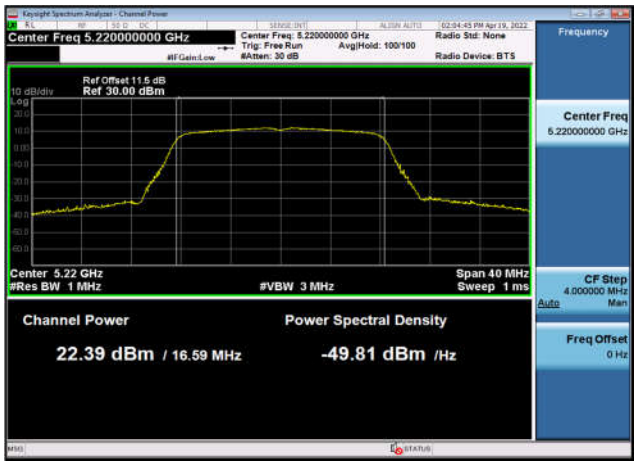
U-NII-1 Output Power-802.11n(40MHz) ,5230MHz,Ant5



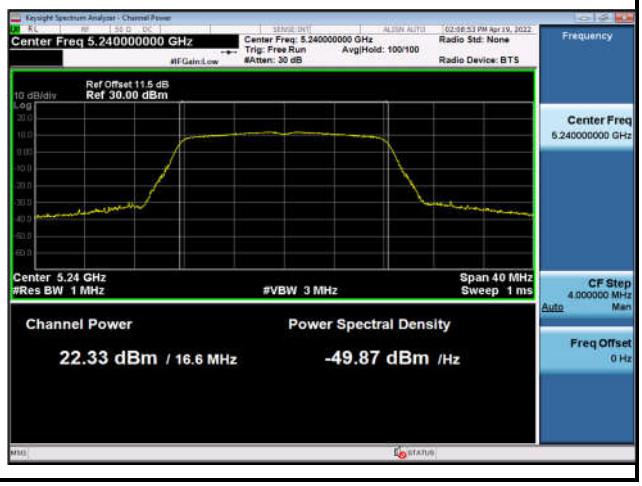
U-NII-1 Output Power-802.11a(20MHz) ,5180MHz,Ant5



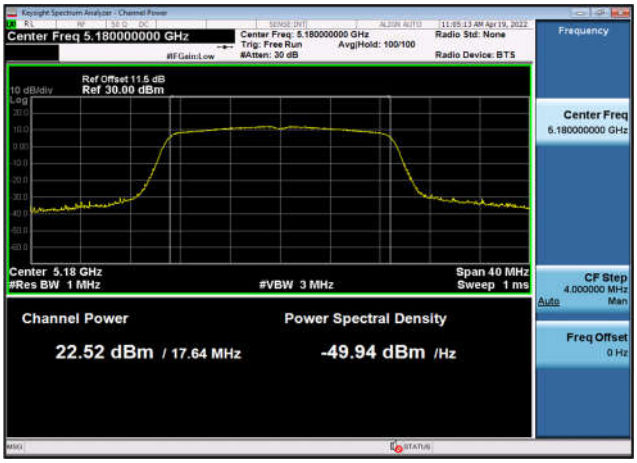
U-NII-1 Output Power-802.11a(20MHz) ,5220MHz,Ant5



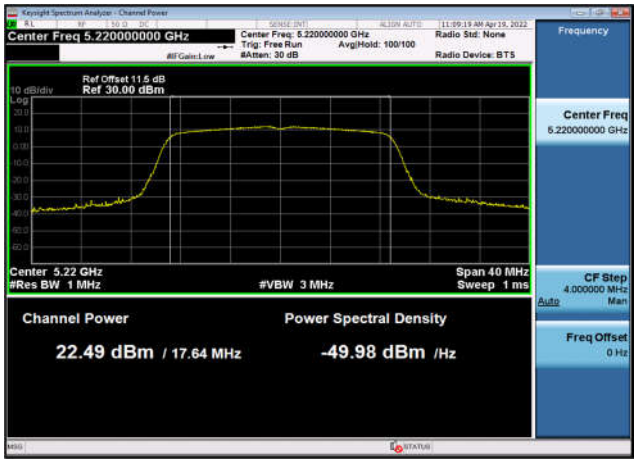
U-NII-1 Output Power-802.11a(20MHz) ,5240MHz,Ant5



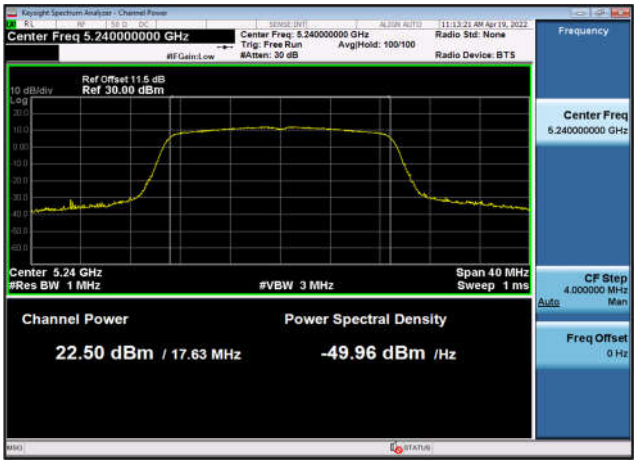
U-NII-1 Output Power-802.11ac(20MHz) ,5180MHz,Ant5



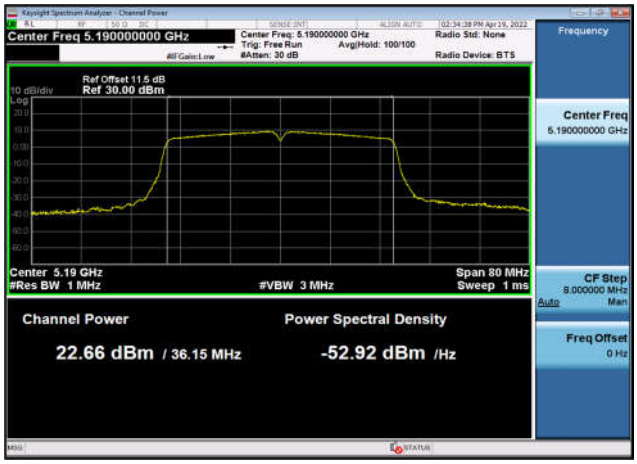
U-NII-1 Output Power-802.11ac(20MHz) ,5220MHz,Ant5



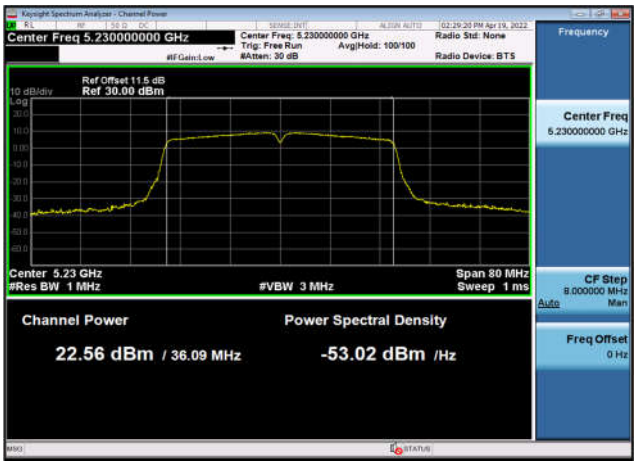
U-NII-1 Output Power-802.11ac(20MHz) ,5240MHz,Ant5



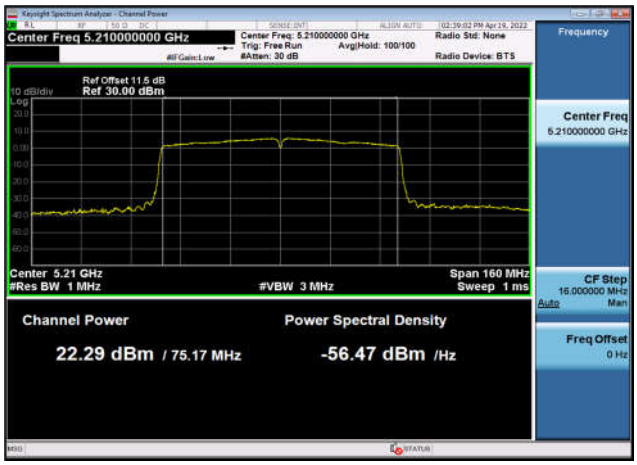
U-NII-1 Output Power-802.11ac(40MHz) ,5190MHz,Ant5



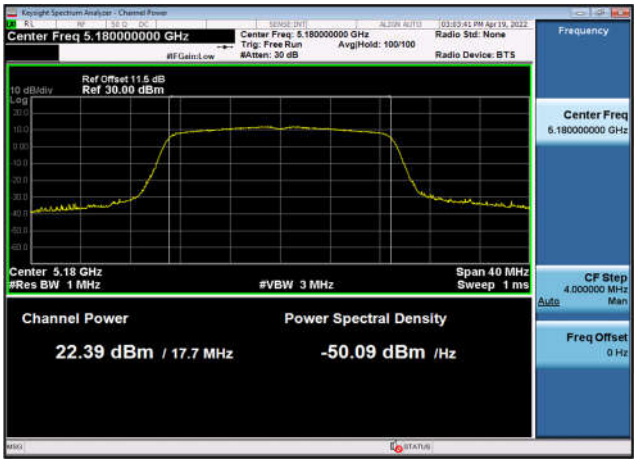
U-NII-1 Output Power-802.11ac(40MHz) ,5230MHz,Ant5



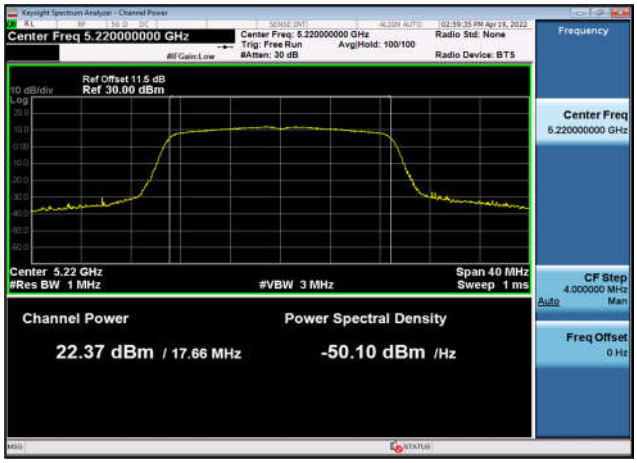
U-NII-1 Output Power-802.11ac(80MHz) ,5210MHz,Ant5



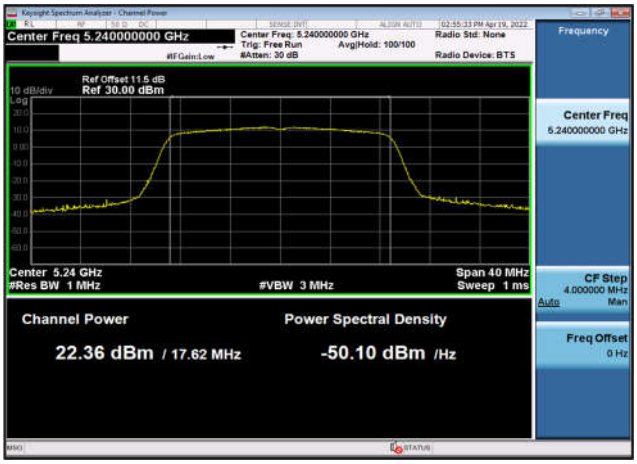
U-NII-1 Output Power-802.11ax(20MHz) ,5180MHz,Ant5



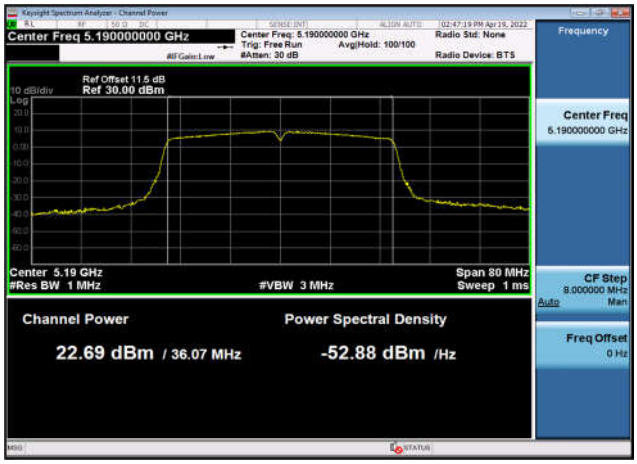
U-NII-1 Output Power-802.11ax(20MHz) ,5220MHz,Ant5



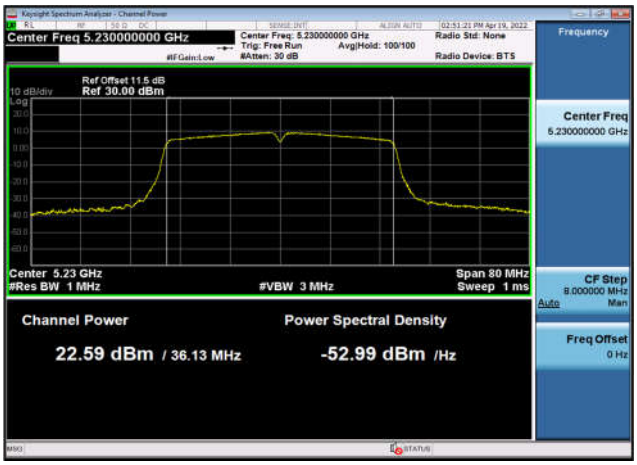
U-NII-1 Output Power-802.11ax(20MHz) ,5240MHz,Ant5



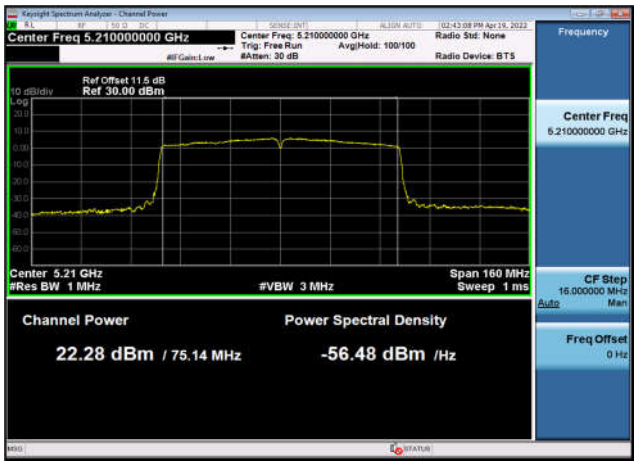
U-NII-1 Output Power-802.11ax(40MHz) ,5190MHz,Ant5



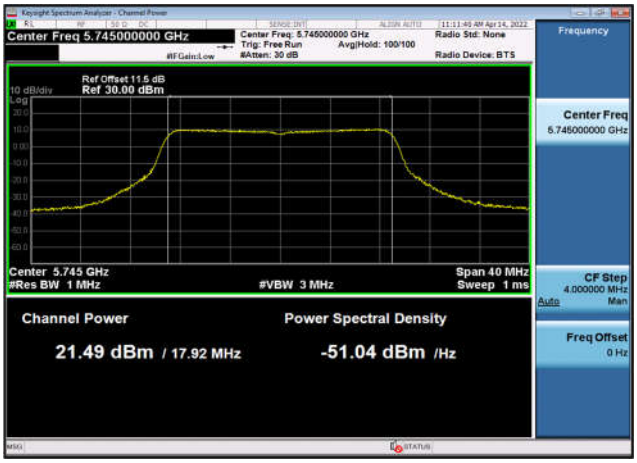
U-NII-1 Output Power-802.11ax(40MHz) ,5230MHz,Ant5



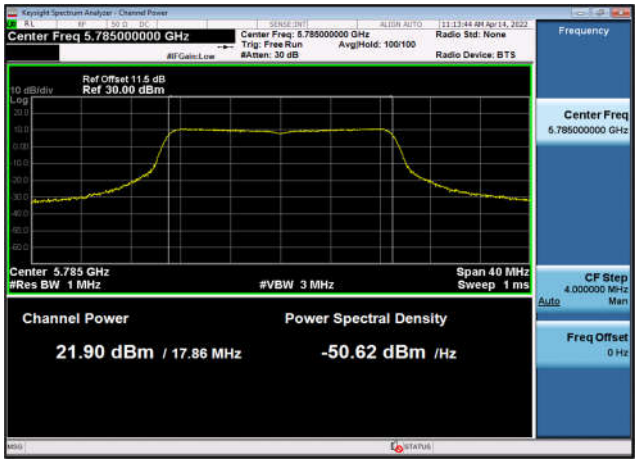
U-NII-1 Output Power-802.11ax(80MHz) ,5210MHz,Ant5



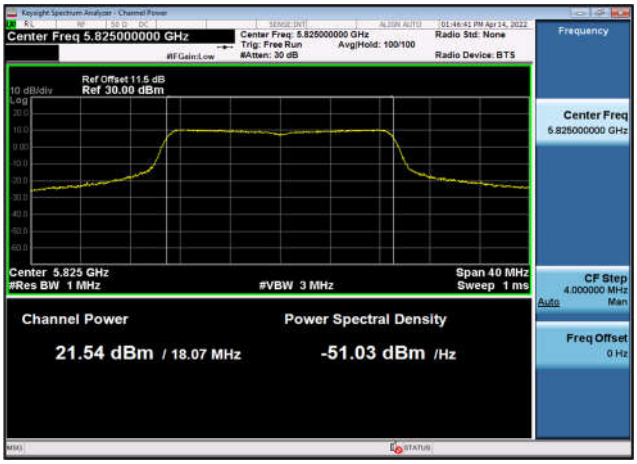
U-NII-3 Output Power-802.11n(20MHz) ,5745MHz,Ant0



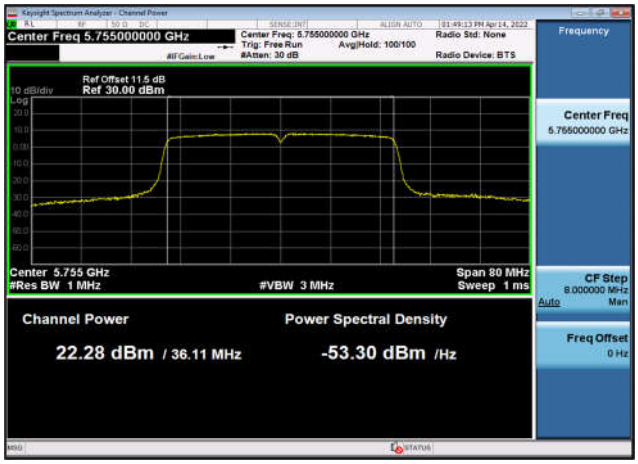
U-NII-3 Output Power-802.11n(20MHz) ,5785MHz,Ant0



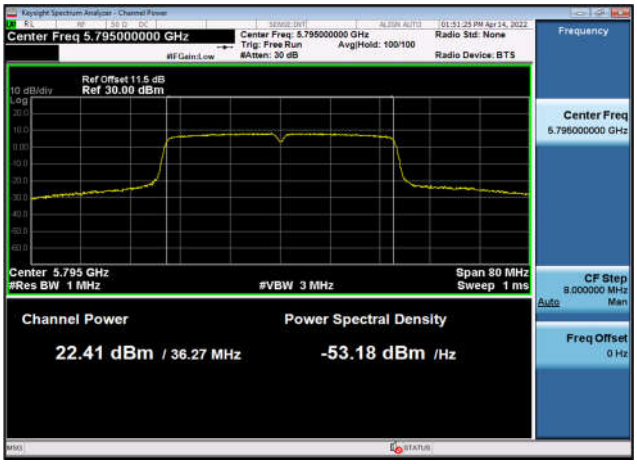
U-NII-3 Output Power-802.11n(20MHz) ,5825MHz,Ant0



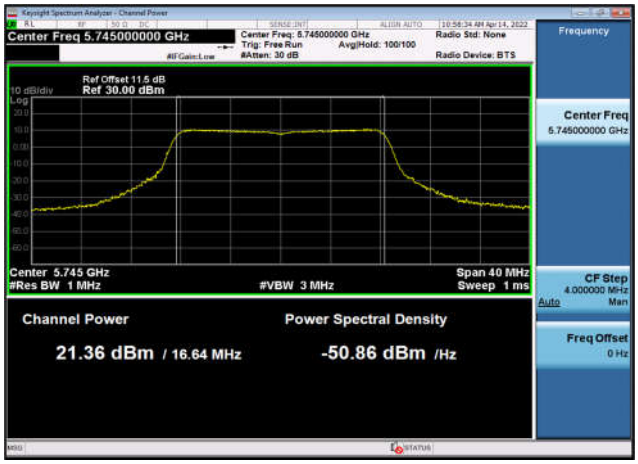
U-NII-3 Output Power-802.11n(40MHz) ,5755MHz,Ant0



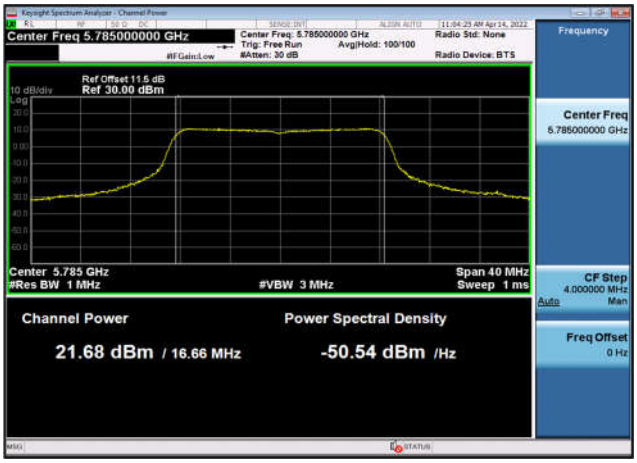
U-NII-3 Output Power-802.11n(40MHz) ,5795MHz,Ant0



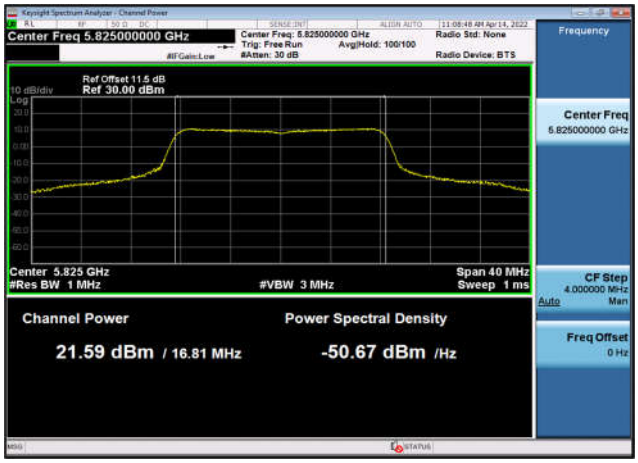
U-NII-3 Output Power-802.11a(20MHz) ,5745MHz,Ant0



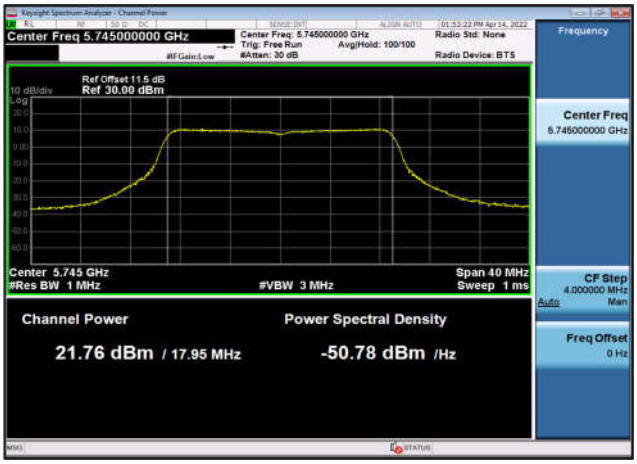
U-NII-3 Output Power-802.11a(20MHz) ,5785MHz,Ant0



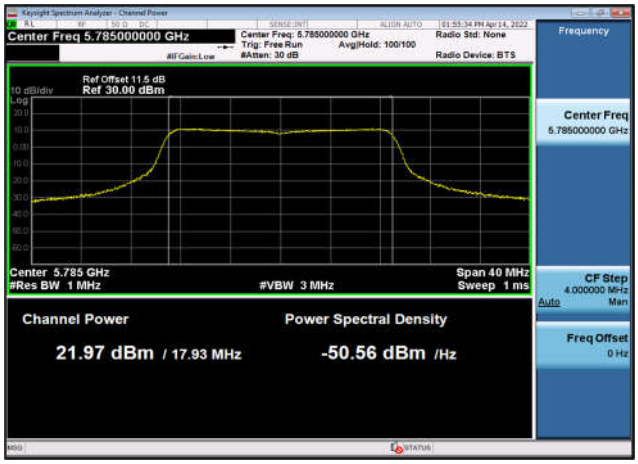
U-NII-3 Output Power-802.11a(20MHz) ,5825MHz,Ant0



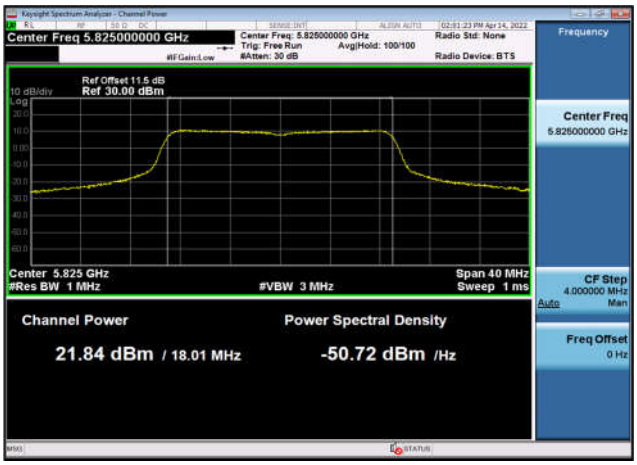
U-NII-3 Output Power-802.11ac(20MHz) ,5745MHz,Ant0



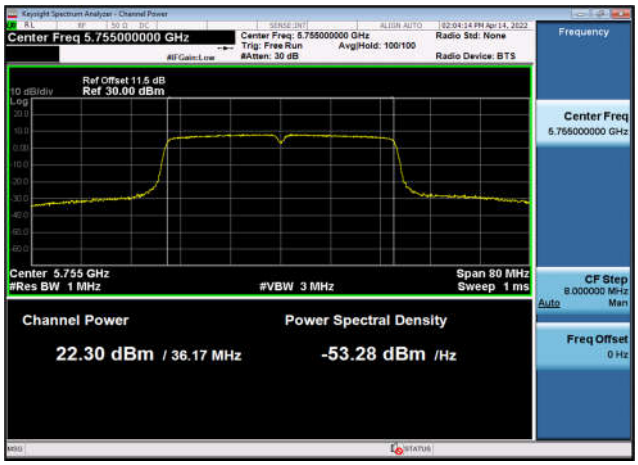
U-NII-3 Output Power-802.11ac(20MHz) ,5785MHz,Ant0



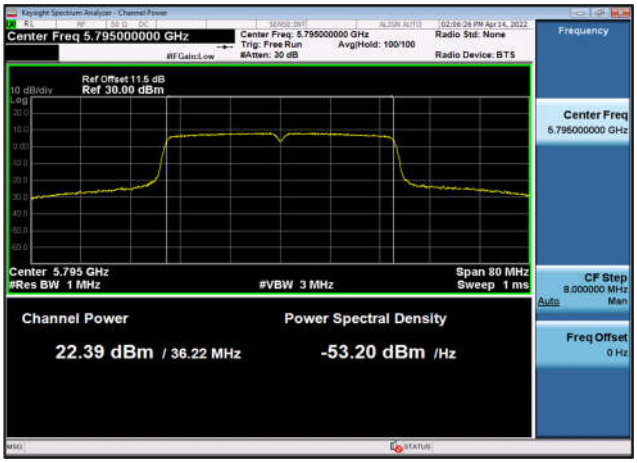
U-NII-3 Output Power-802.11ac(20MHz) ,5825MHz,Ant0



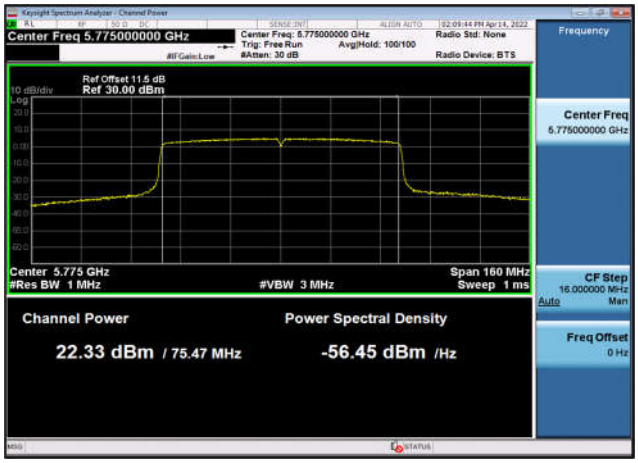
U-NII-3 Output Power-802.11ac(40MHz) ,5755MHz,Ant0



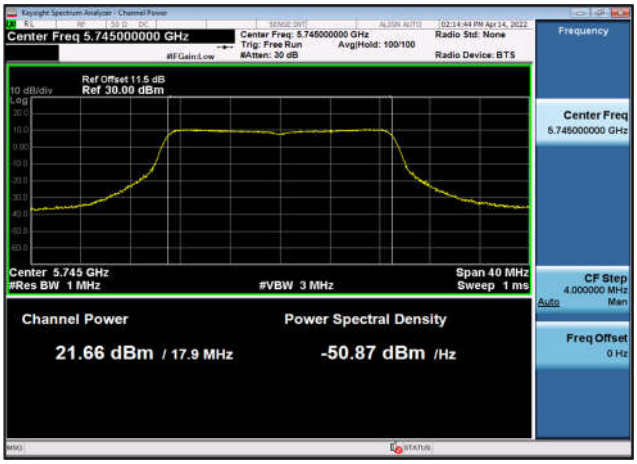
U-NII-3 Output Power-802.11ac(40MHz) ,5795MHz,Ant0



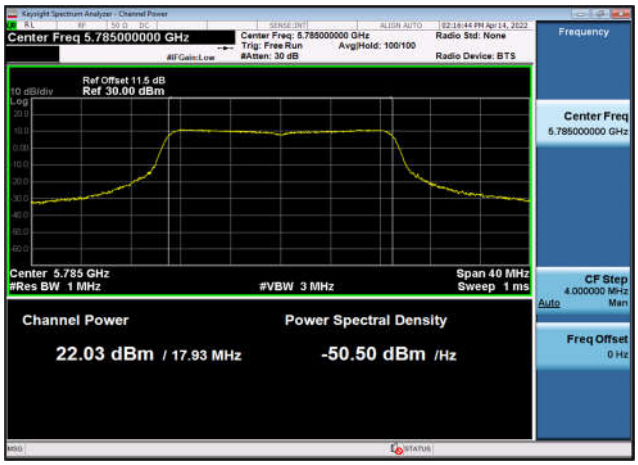
U-NII-3 Output Power-802.11ac(80MHz) ,5775MHz,Ant0



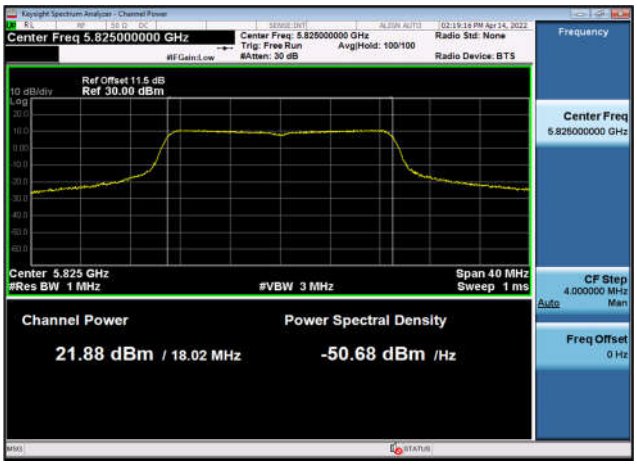
U-NII-3 Output Power-802.11ax(20MHz) ,5745MHz,Ant0



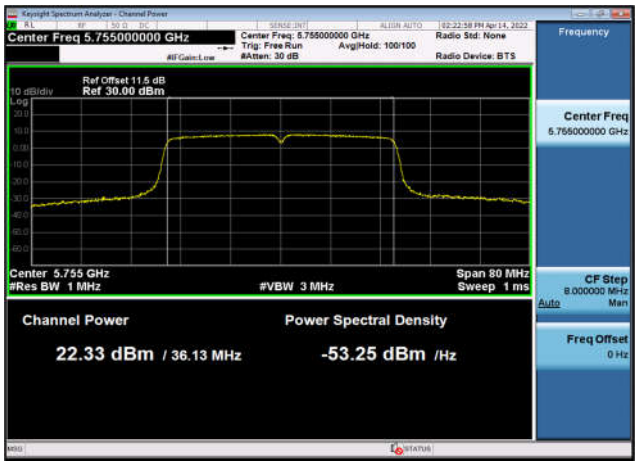
U-NII-3 Output Power-802.11ax(20MHz) ,5785MHz,Ant0



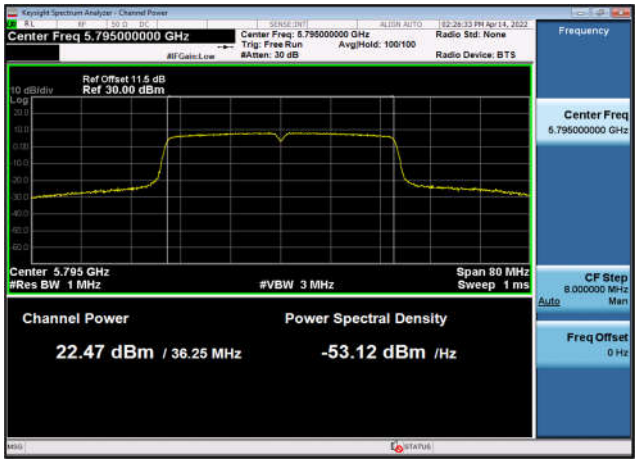
U-NII-3 Output Power-802.11ax(20MHz) ,5825MHz,Ant0



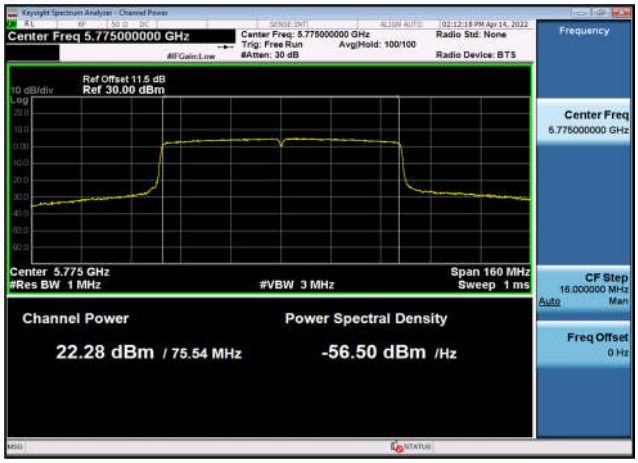
U-NII-3 Output Power-802.11ax(40MHz) ,5755MHz,Ant0



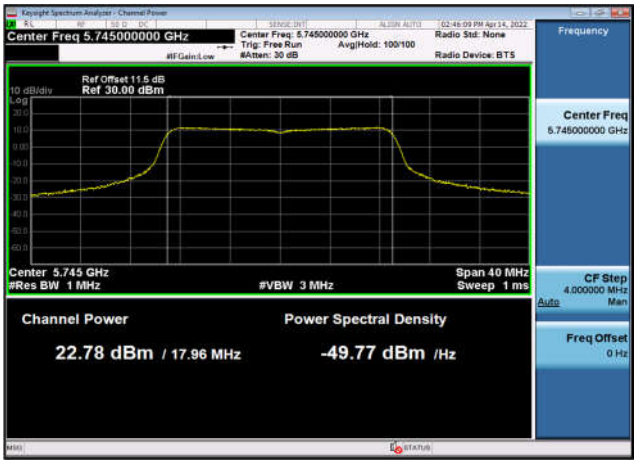
U-NII-3 Output Power-802.11ax(40MHz) ,5795MHz,Ant0



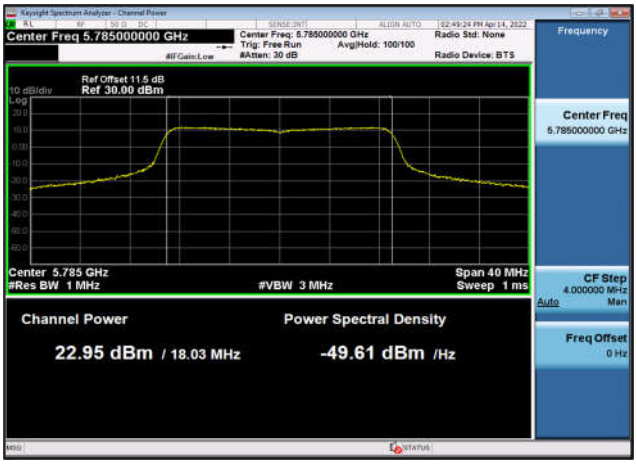
U-NII-3 Output Power-802.11ax(80MHz) ,5775MHz,Ant0



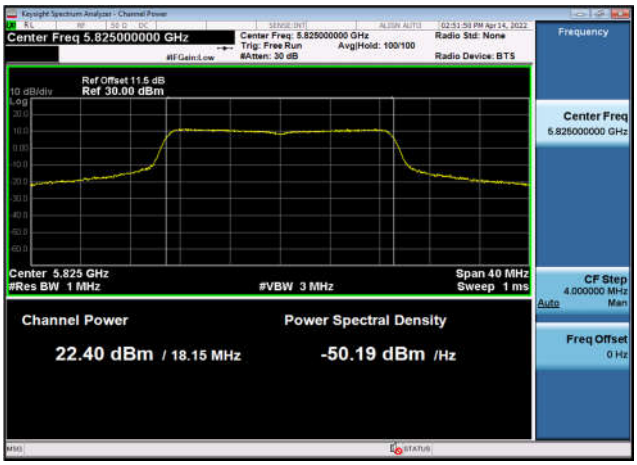
U-NII-3 Output Power-802.11n(20MHz) ,5745MHz,Ant1



U-NII-3 Output Power-802.11n(20MHz) ,5785MHz,Ant1



U-NII-3 Output Power-802.11n(20MHz) ,5825MHz,Ant1



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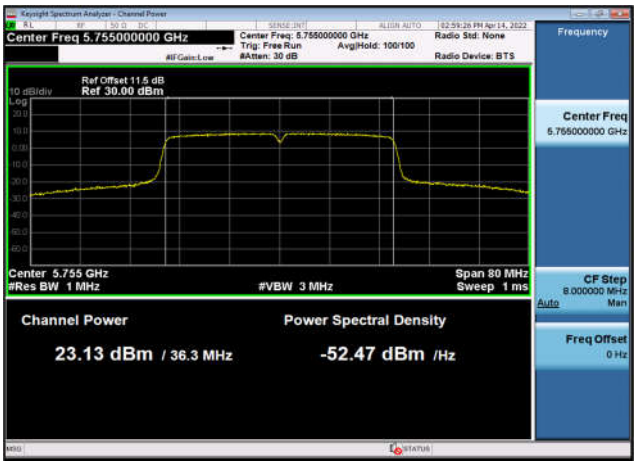
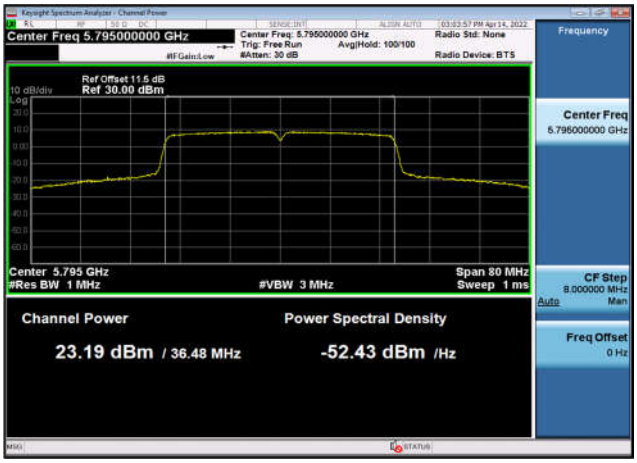
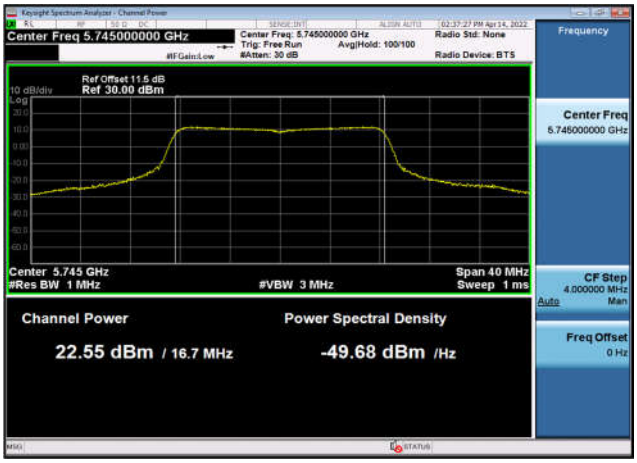


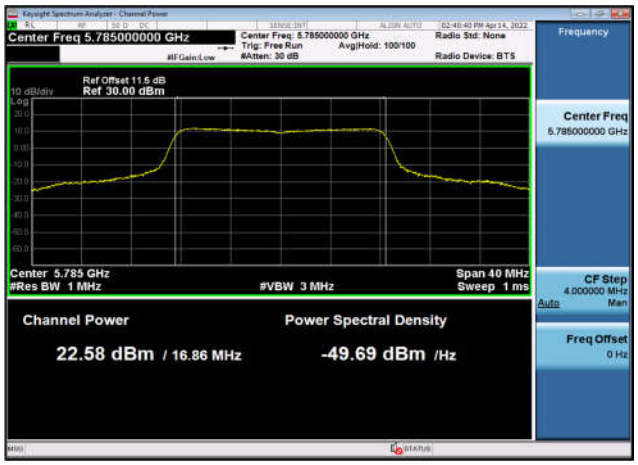
U-NII-3 Output Power-802.11n(40MHz) ,5795MHz,Ant1



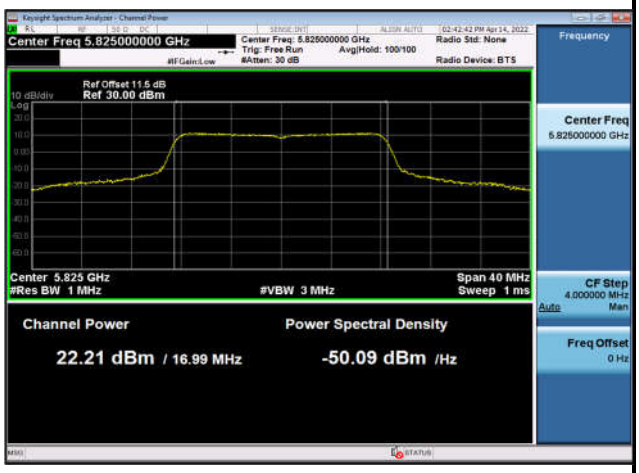
U-NII-3 Output Power-802.11a(20MHz) ,5745MHz,Ant1



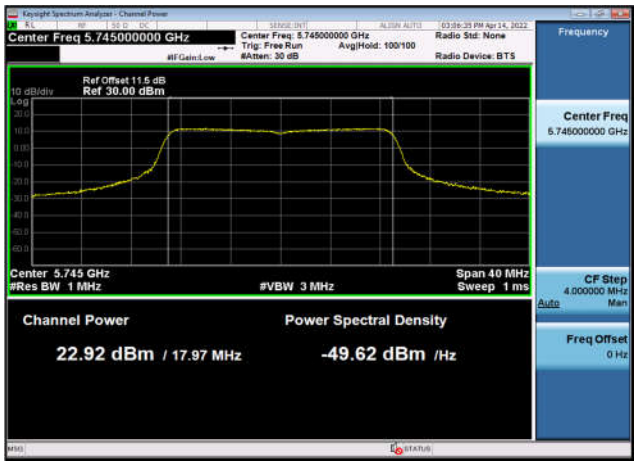
U-NII-3 Output Power-802.11a(20MHz) ,5785MHz,Ant1



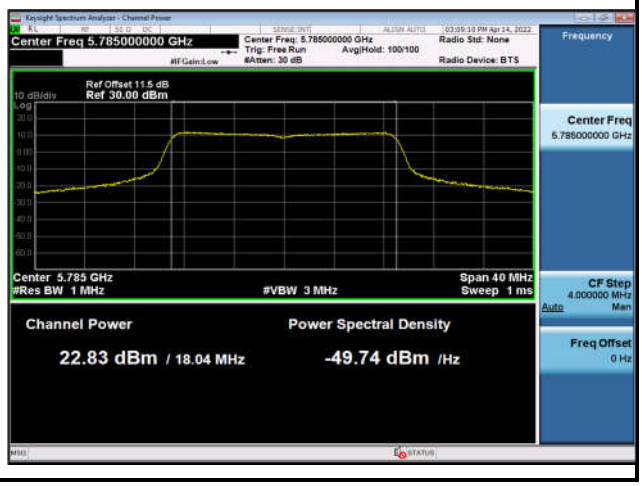
U-NII-3 Output Power-802.11a(20MHz) ,5825MHz,Ant1



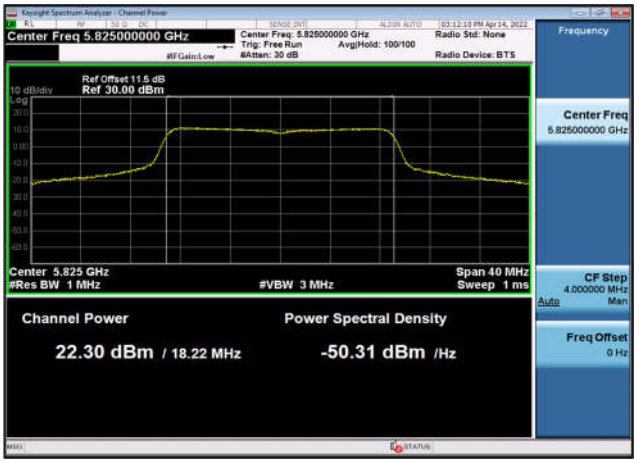
U-NII-3 Output Power-802.11ac(20MHz) ,5745MHz,Ant1



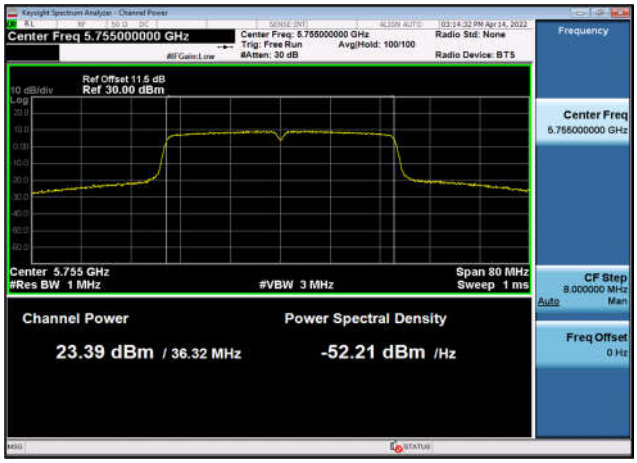
U-NII-3 Output Power-802.11ac(20MHz) ,5785MHz,Ant1



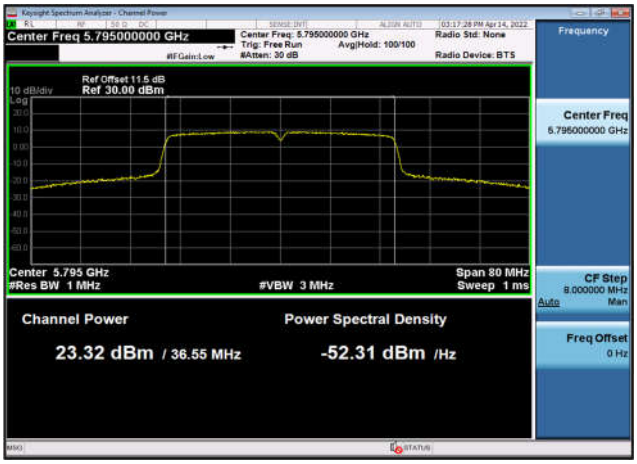
U-NII-3 Output Power-802.11ac(20MHz) ,5825MHz,Ant1



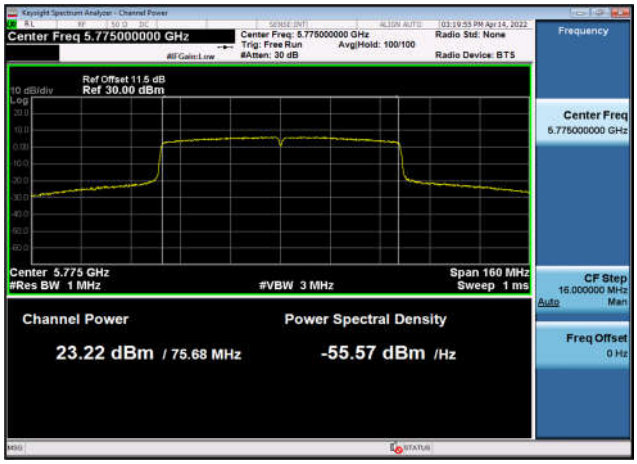
U-NII-3 Output Power-802.11ac(40MHz) ,5755MHz,Ant1



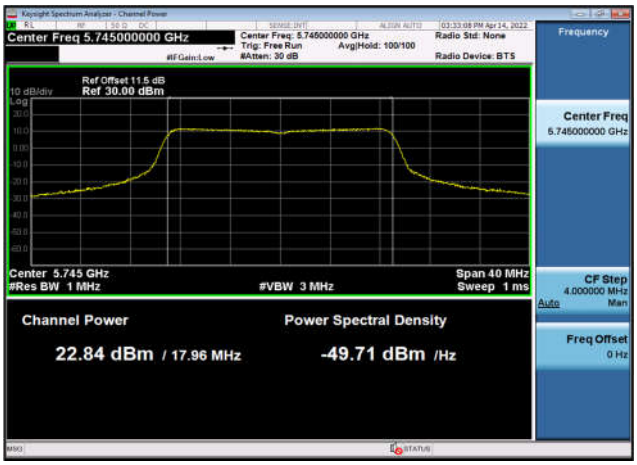
U-NII-3 Output Power-802.11ac(40MHz) ,5795MHz,Ant1



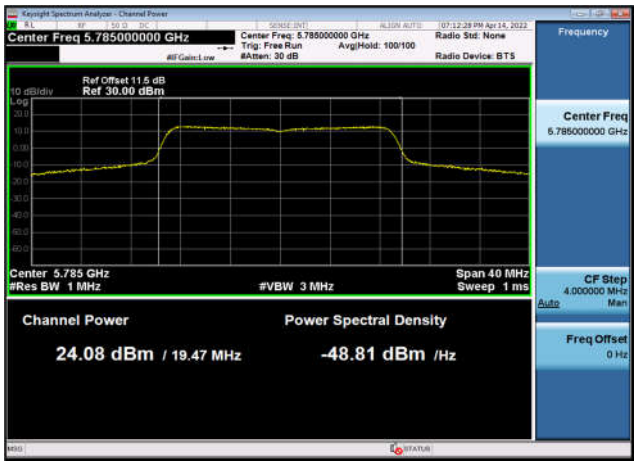
U-NII-3 Output Power-802.11ac(80MHz) ,5775MHz,Ant1



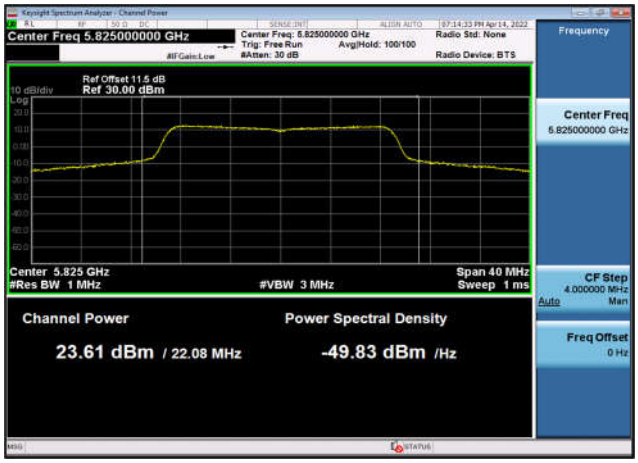
U-NII-3 Output Power-802.11ax(20MHz) ,5745MHz,Ant1



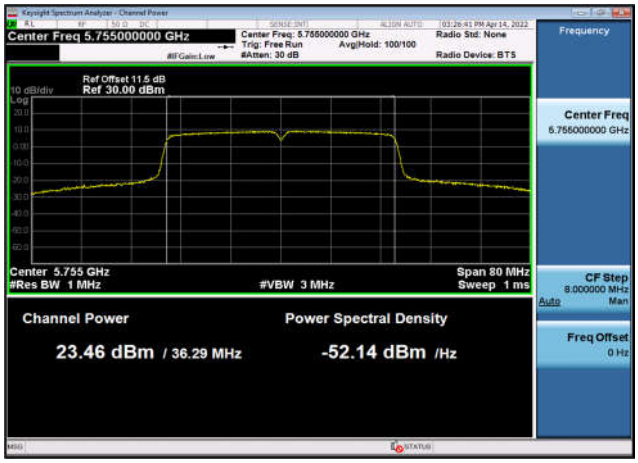
U-NII-3 Output Power-802.11ax(20MHz) ,5785MHz,Ant1



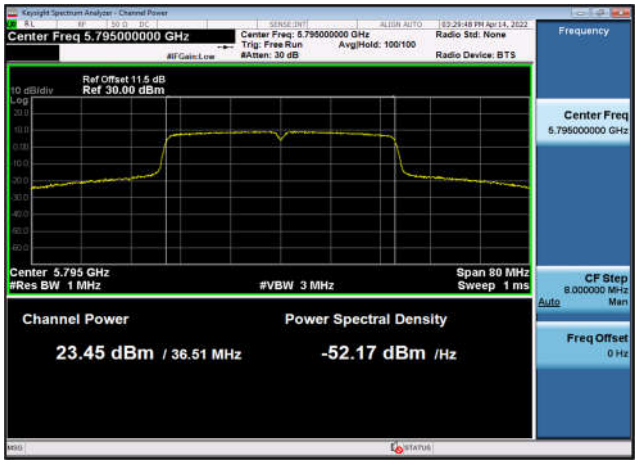
U-NII-3 Output Power-802.11ax(20MHz) ,5825MHz,Ant1



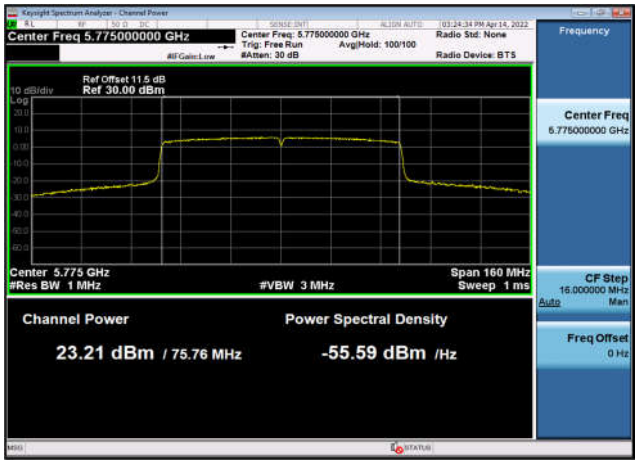
U-NII-3 Output Power-802.11ax(40MHz) ,5755MHz,Ant1



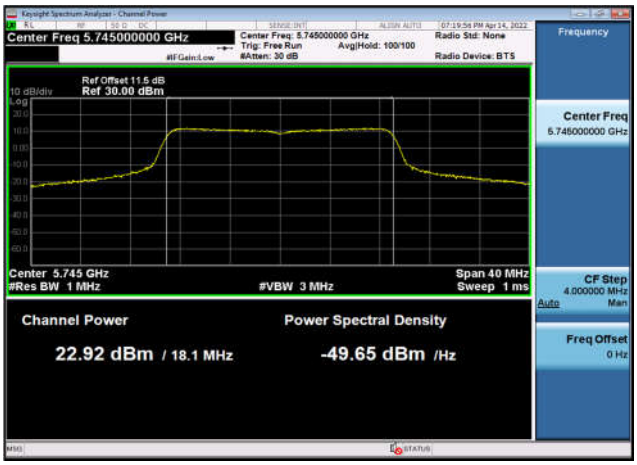
U-NII-3 Output Power-802.11ax(40MHz) ,5795MHz,Ant1



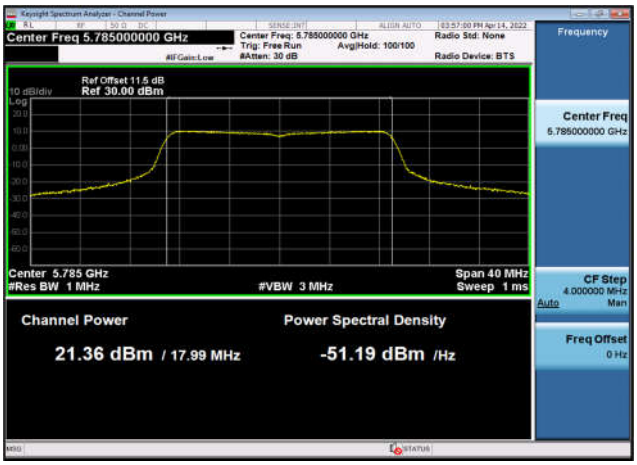
U-NII-3 Output Power-802.11ax(80MHz) ,5775MHz,Ant1



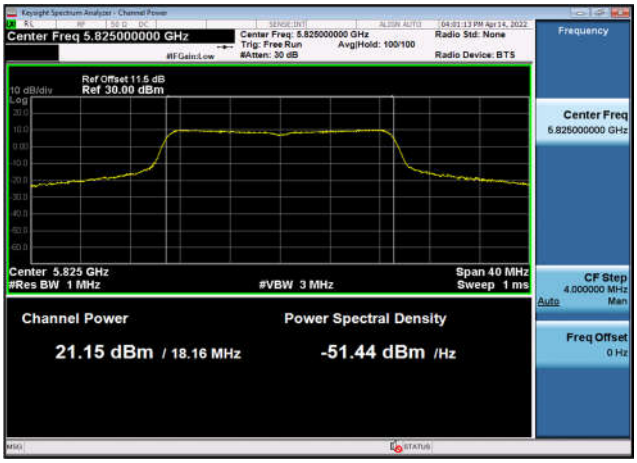
U-NII-3 Output Power-802.11n(20MHz) ,5745MHz,Ant2



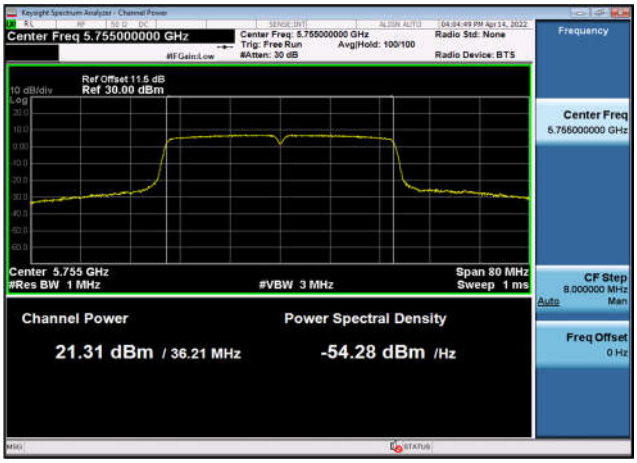
U-NII-3 Output Power-802.11n(20MHz) ,5785MHz,Ant2



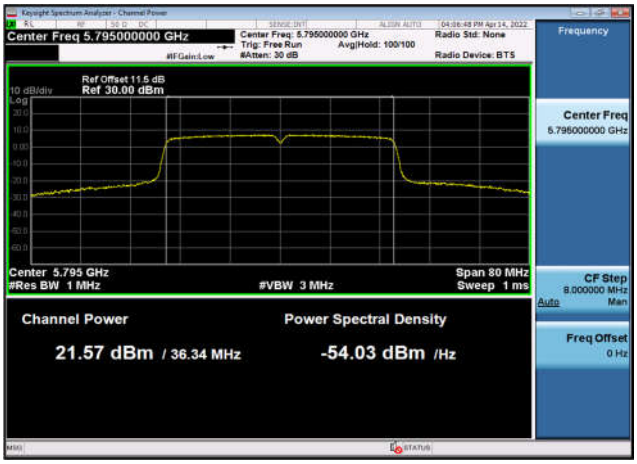
U-NII-3 Output Power-802.11n(20MHz) ,5825MHz,Ant2



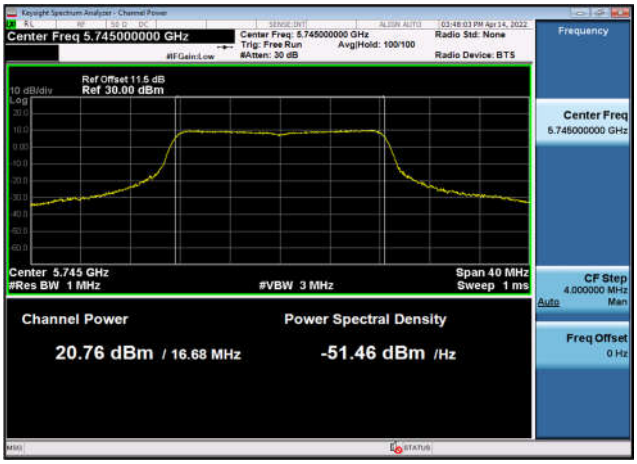
U-NII-3 Output Power-802.11n(40MHz) ,5755MHz,Ant2



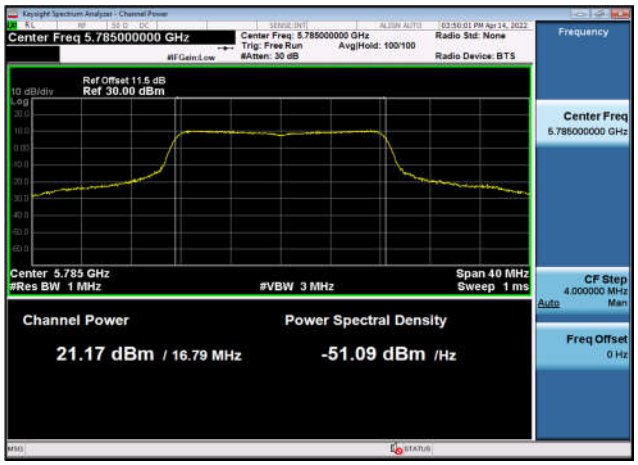
U-NII-3 Output Power-802.11n(40MHz) ,5795MHz,Ant2



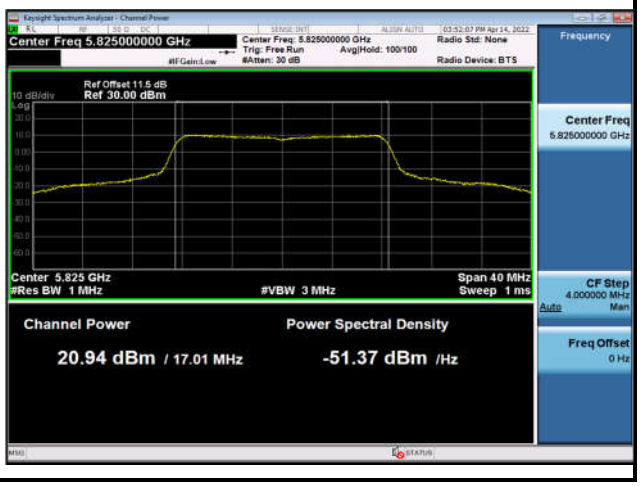
U-NII-3 Output Power-802.11a(20MHz) ,5745MHz,Ant2



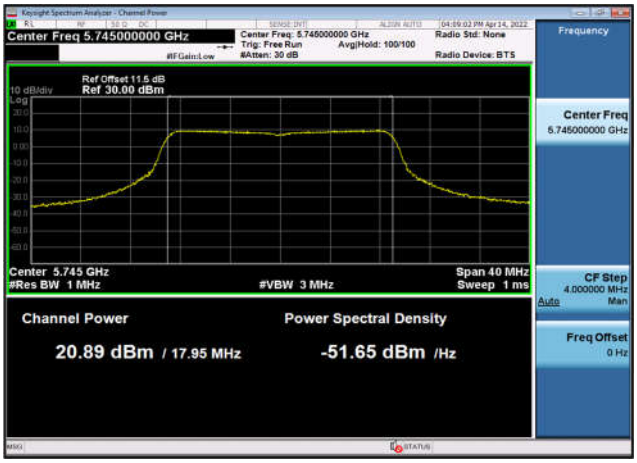
U-NII-3 Output Power-802.11a(20MHz) ,5785MHz,Ant2



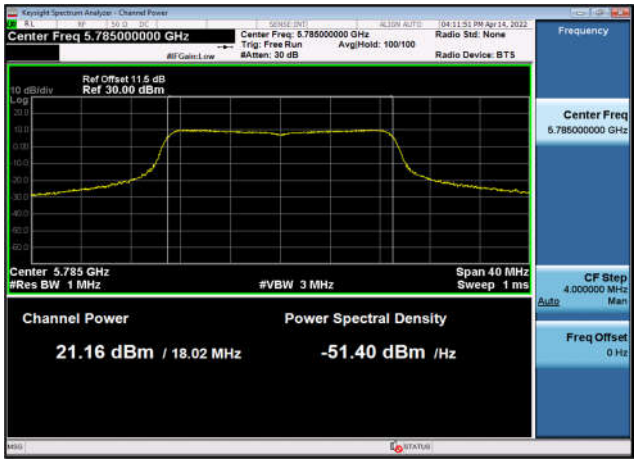
U-NII-3 Output Power-802.11a(20MHz) ,5825MHz,Ant2



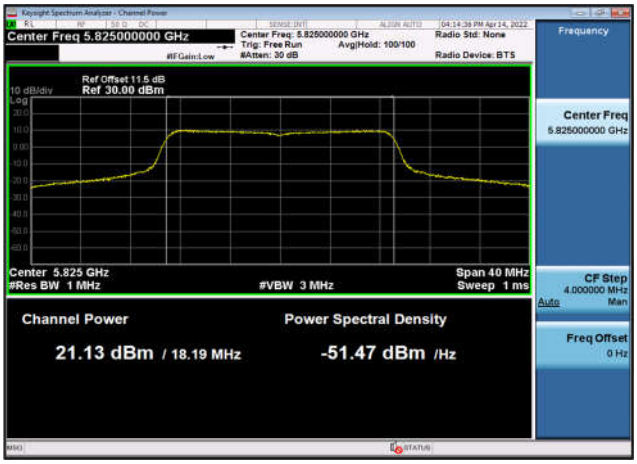
U-NII-3 Output Power-802.11ac(20MHz) ,5745MHz,Ant2



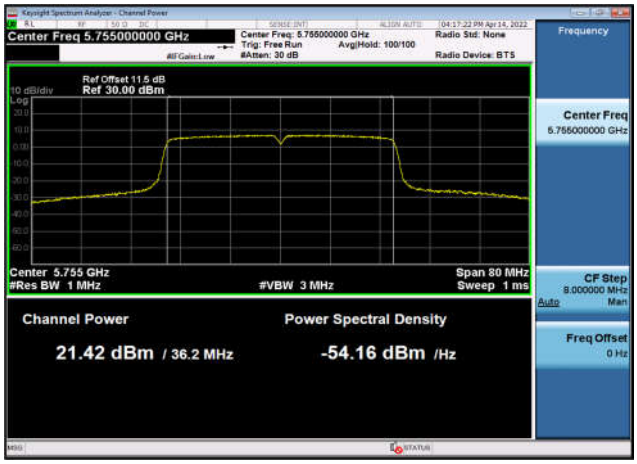
U-NII-3 Output Power-802.11ac(20MHz) ,5785MHz,Ant2



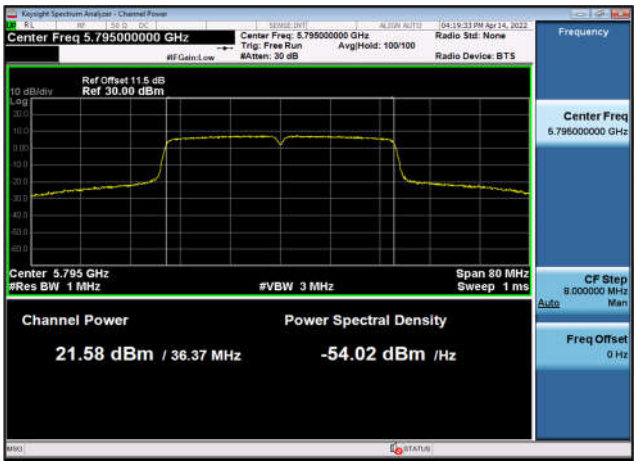
U-NII-3 Output Power-802.11ac(20MHz) ,5825MHz,Ant2



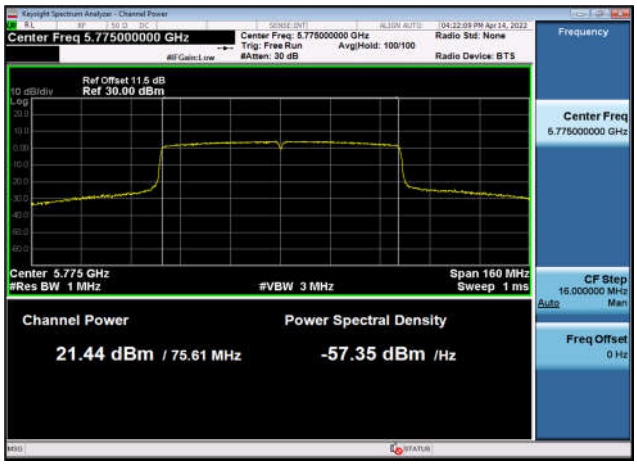
U-NII-3 Output Power-802.11ac(40MHz) ,5755MHz,Ant2



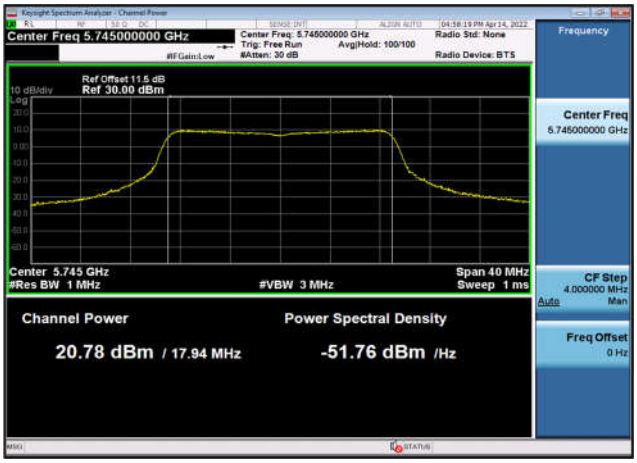
U-NII-3 Output Power-802.11ac(40MHz) ,5795MHz,Ant2



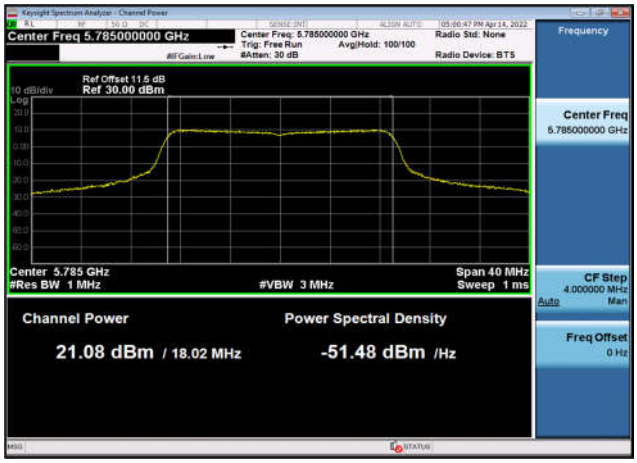
U-NII-3 Output Power-802.11ac(80MHz) ,5775MHz,Ant2



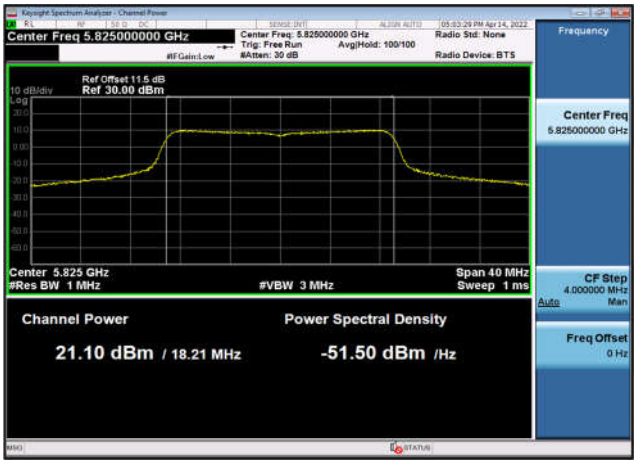
U-NII-3 Output Power-802.11ax(20MHz) ,5745MHz,Ant2



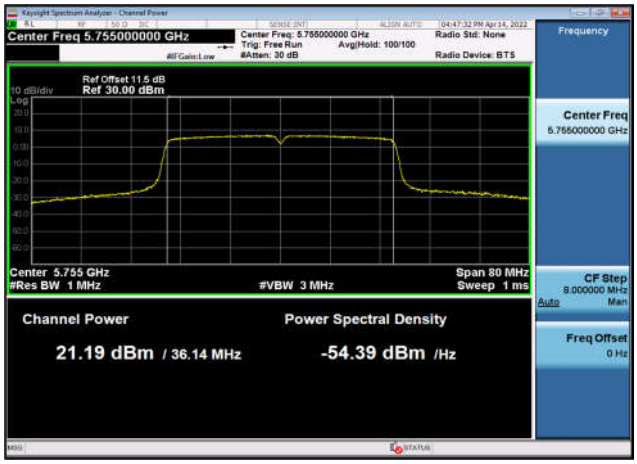
U-NII-3 Output Power-802.11ax(20MHz) ,5785MHz,Ant2



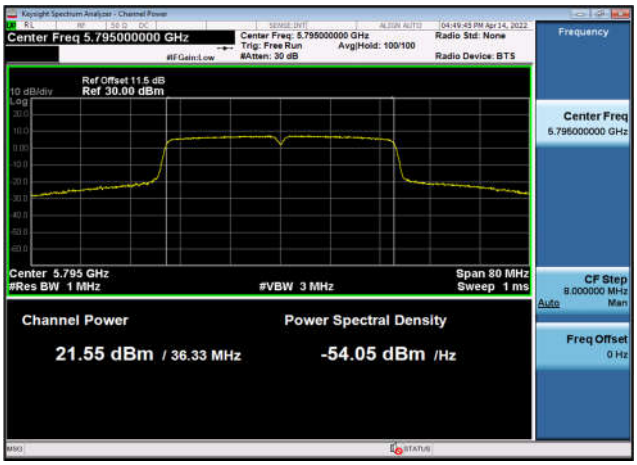
U-NII-3 Output Power-802.11ax(20MHz) ,5825MHz,Ant2



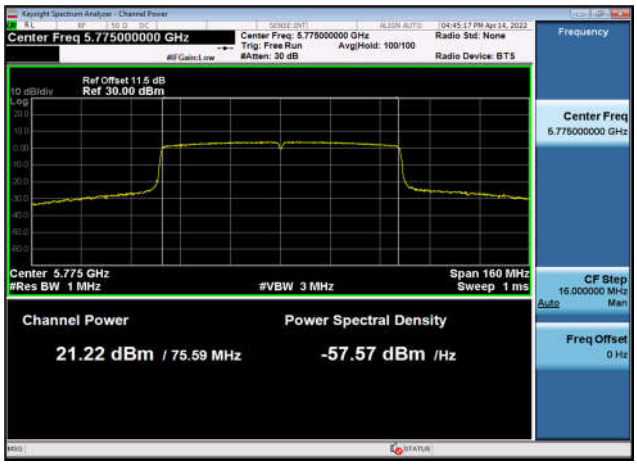
U-NII-3 Output Power-802.11ax(40MHz) ,5755MHz,Ant2



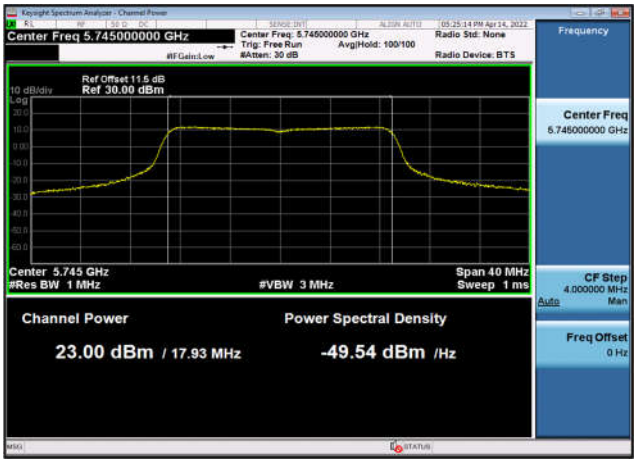
U-NII-3 Output Power-802.11ax(40MHz) ,5795MHz,Ant2



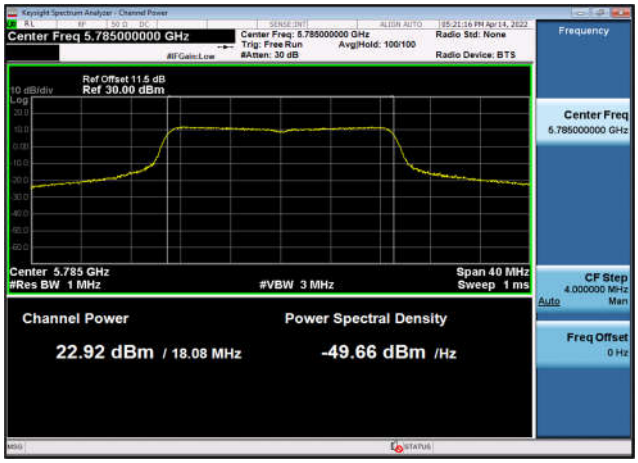
U-NII-3 Output Power-802.11ax(80MHz) ,5775MHz,Ant2



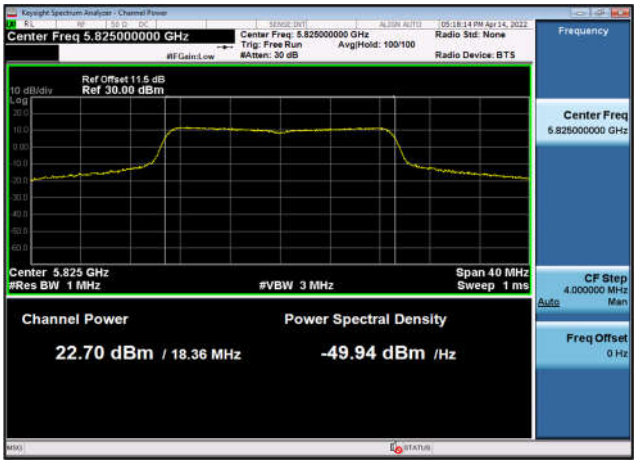
U-NII-3 Output Power-802.11n(20MHz) ,5745MHz,Ant3



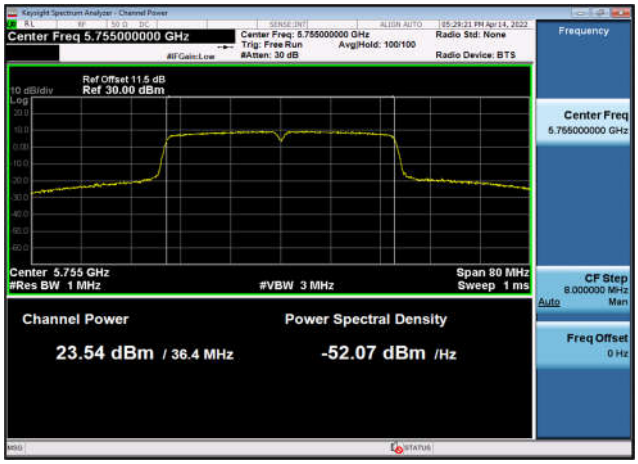
U-NII-3 Output Power-802.11n(20MHz) ,5785MHz,Ant3



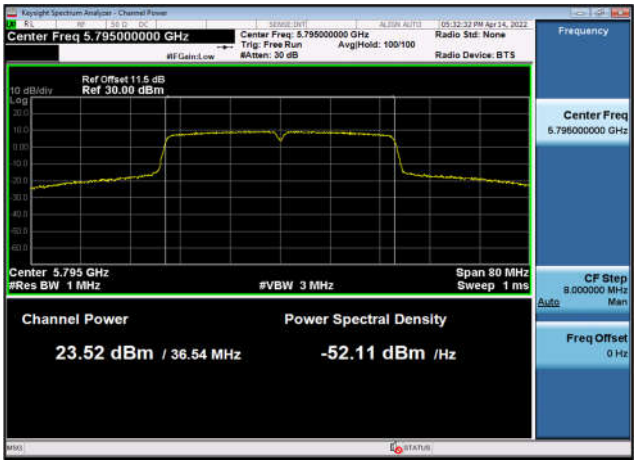
U-NII-3 Output Power-802.11n(20MHz) ,5825MHz,Ant3



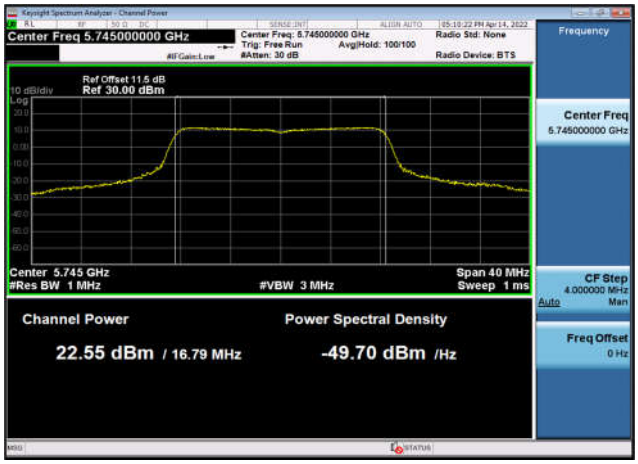
U-NII-3 Output Power-802.11n(40MHz) ,5755MHz,Ant3



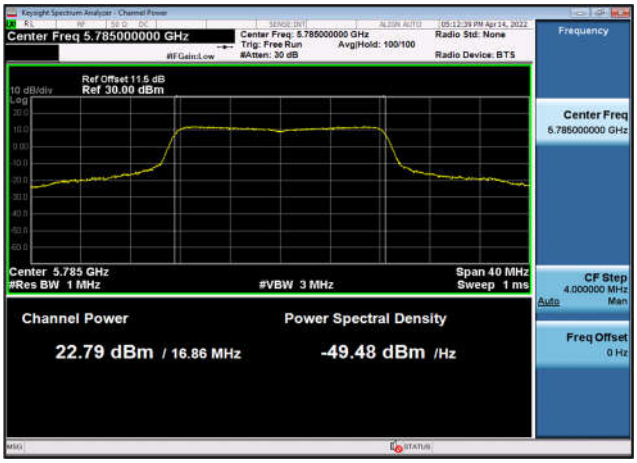
U-NII-3 Output Power-802.11n(40MHz) ,5795MHz,Ant3



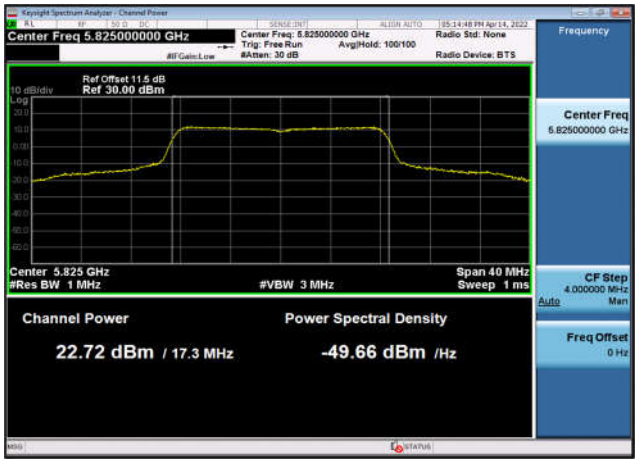
U-NII-3 Output Power-802.11a(20MHz) ,5745MHz,Ant3



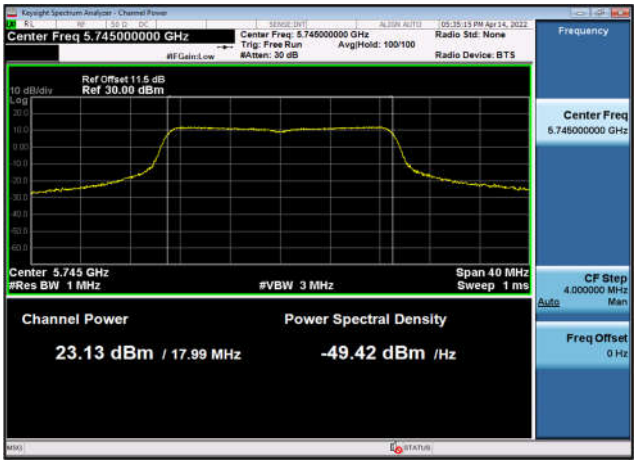
U-NII-3 Output Power-802.11a(20MHz) ,5785MHz,Ant3



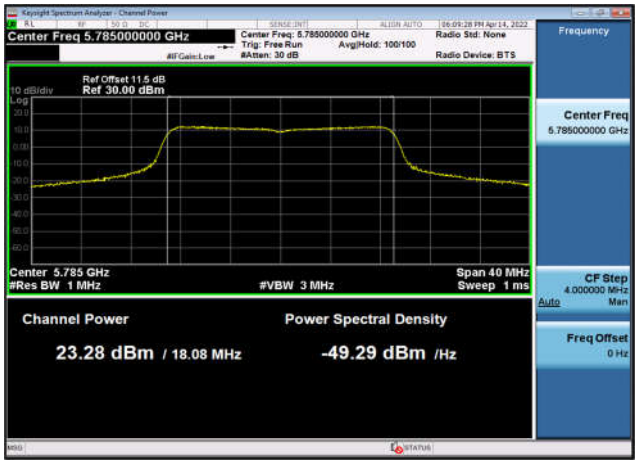
U-NII-3 Output Power-802.11a(20MHz) ,5825MHz,Ant3



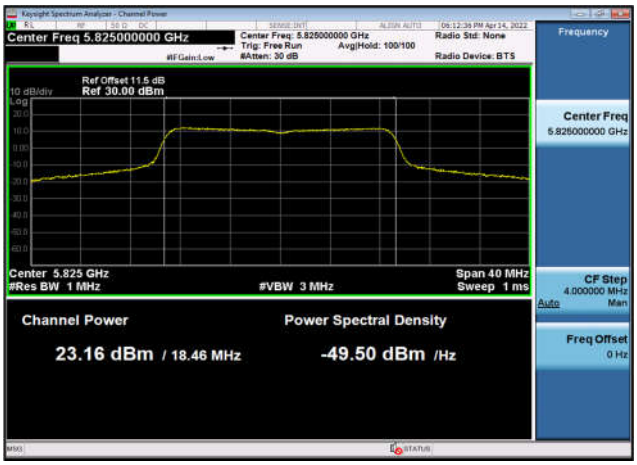
U-NII-3 Output Power-802.11ac(20MHz) ,5745MHz,Ant3



U-NII-3 Output Power-802.11ac(20MHz) ,5785MHz,Ant3

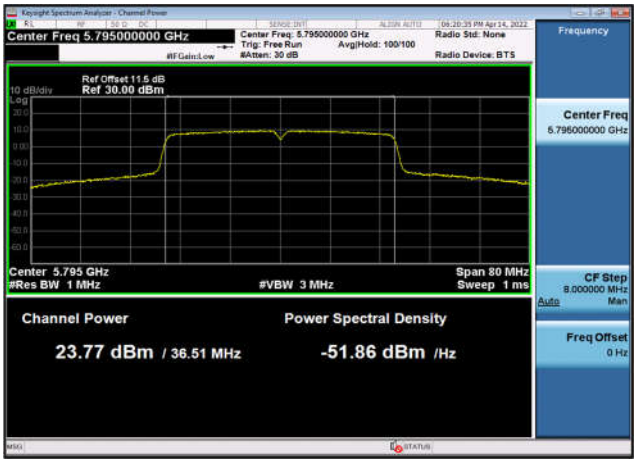


U-NII-3 Output Power-802.11ac(20MHz) ,5825MHz,Ant3

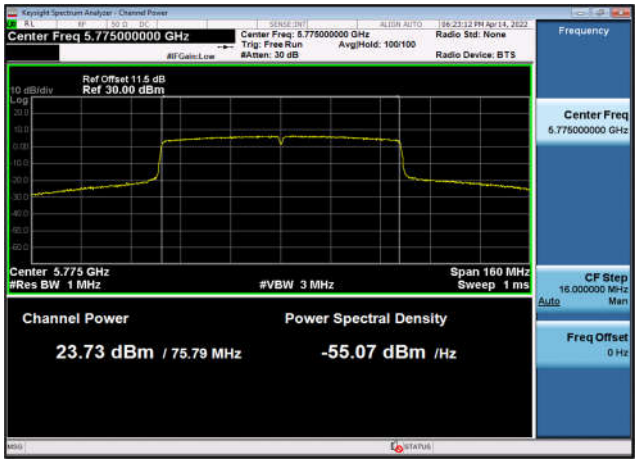


U-NII-3 Output Power-802.11ac(40MHz) ,5755MHz,Ant3

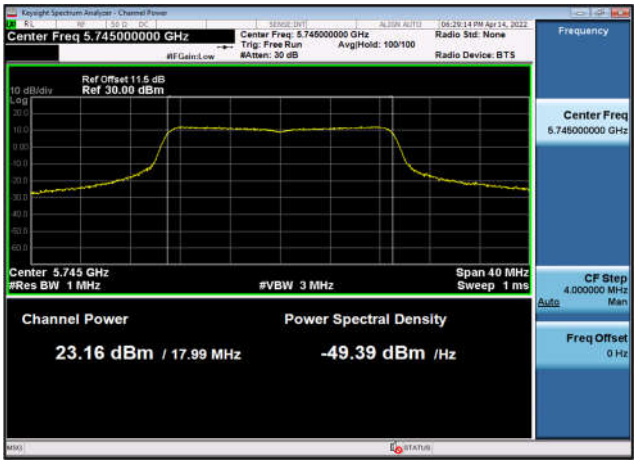
U-NII-3 Output Power-802.11ac(40MHz) ,5795MHz,Ant3



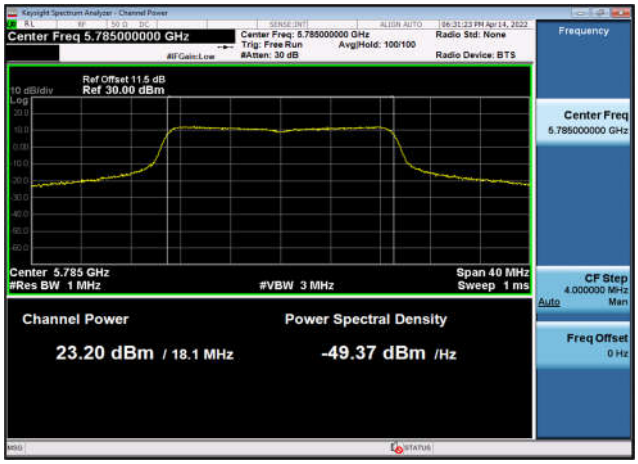
U-NII-3 Output Power-802.11ac(80MHz) ,5775MHz,Ant3



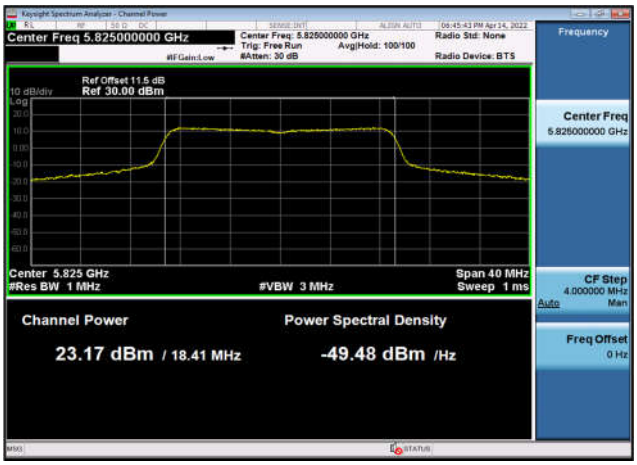
U-NII-3 Output Power-802.11ax(20MHz) ,5745MHz,Ant3



U-NII-3 Output Power-802.11ax(20MHz) ,5785MHz,Ant3

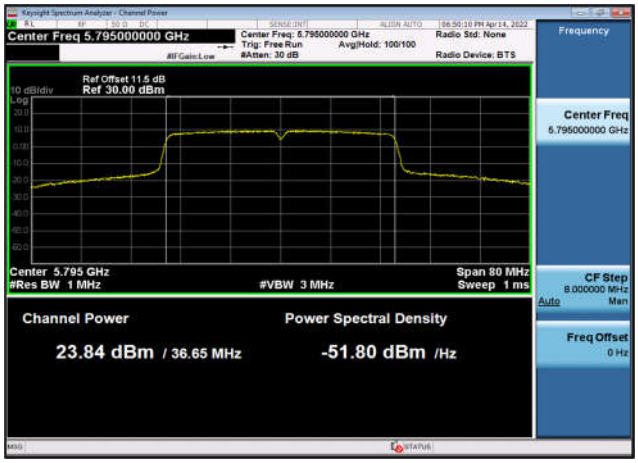


U-NII-3 Output Power-802.11ax(20MHz) ,5825MHz,Ant3

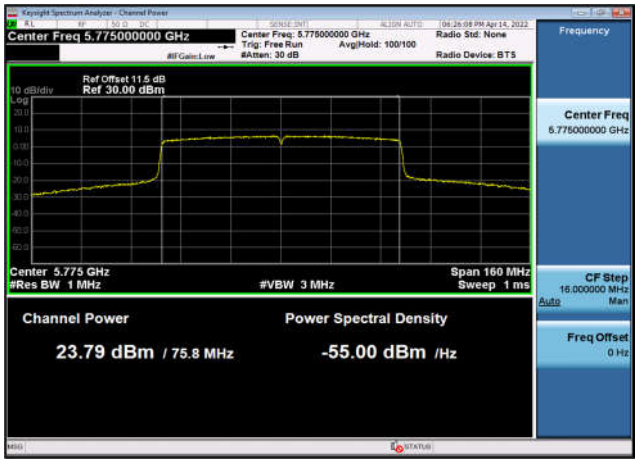


U-NII-3 Output Power-802.11ax(40MHz) ,5755MHz,Ant3

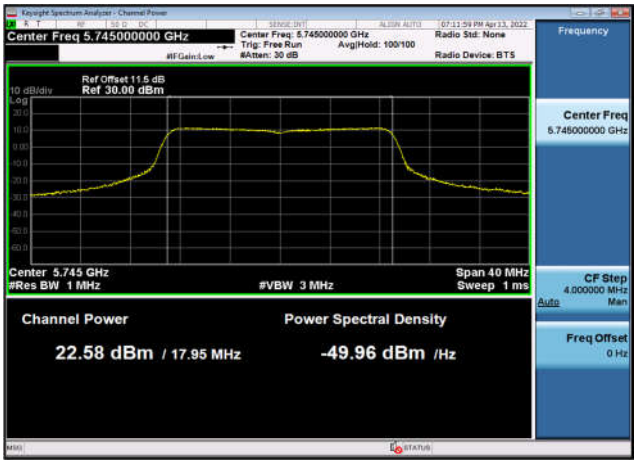
U-NII-3 Output Power-802.11ax(40MHz) ,5795MHz,Ant3



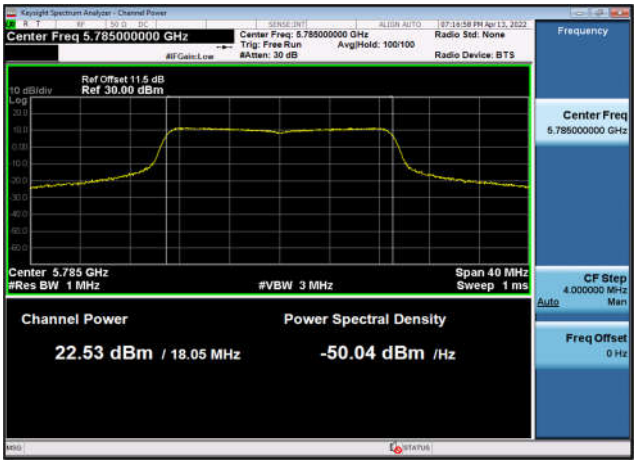
U-NII-3 Output Power-802.11ax(80MHz) ,5775MHz,Ant3



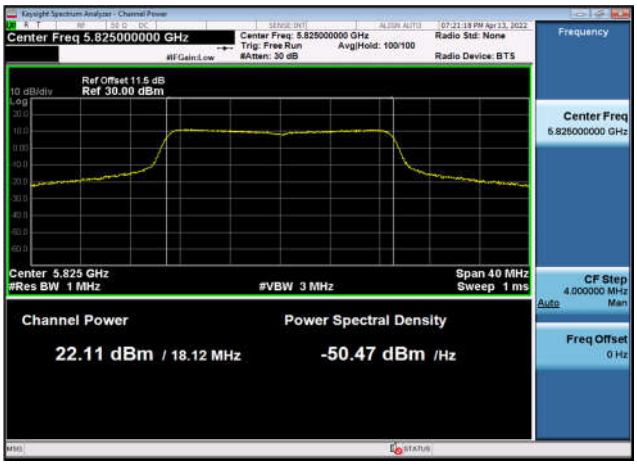
U-NII-3 Output Power-802.11n(20MHz) ,5745MHz,Ant4



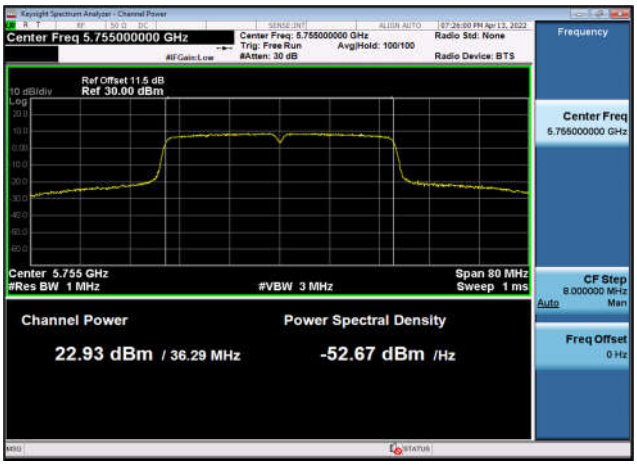
U-NII-3 Output Power-802.11n(20MHz) ,5785MHz,Ant4



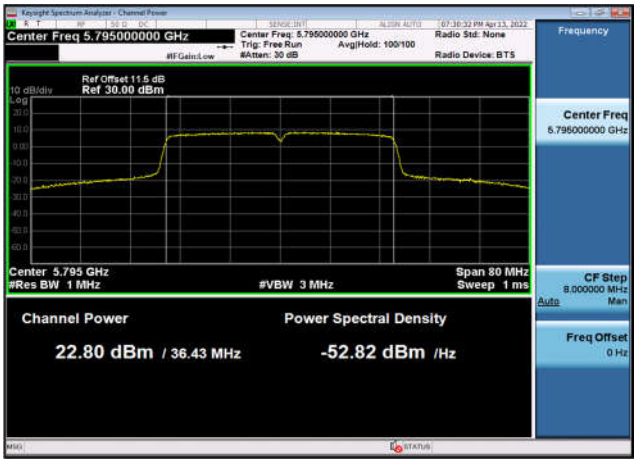
U-NII-3 Output Power-802.11n(20MHz) ,5825MHz,Ant4



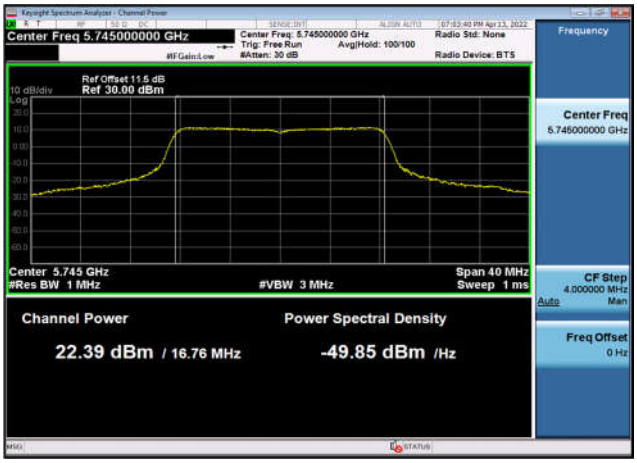
U-NII-3 Output Power-802.11n(40MHz) ,5755MHz,Ant4



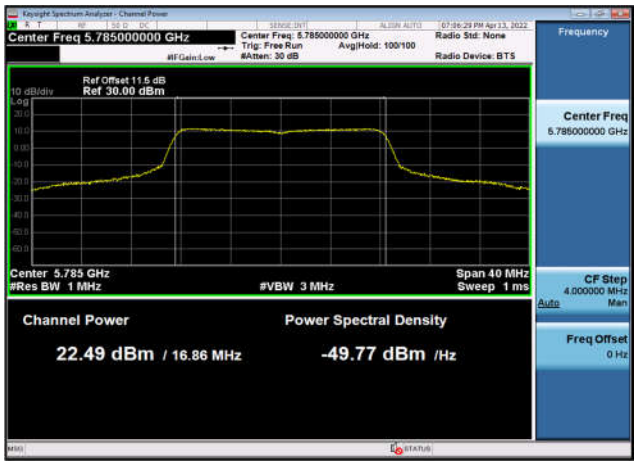
U-NII-3 Output Power-802.11n(40MHz) ,5795MHz,Ant4



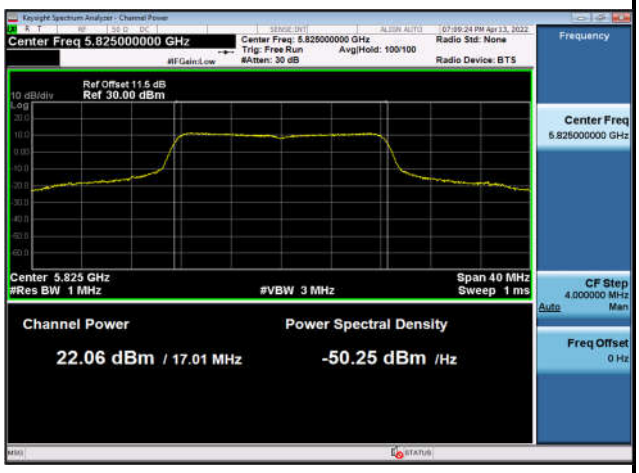
U-NII-3 Output Power-802.11a(20MHz) ,5745MHz,Ant4



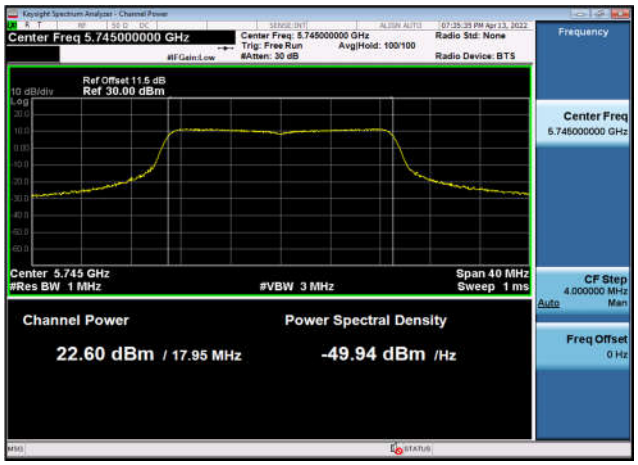
U-NII-3 Output Power-802.11a(20MHz) ,5785MHz,Ant4



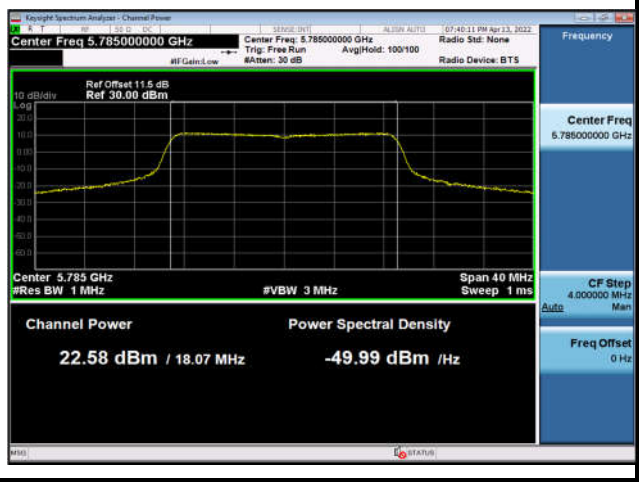
U-NII-3 Output Power-802.11a(20MHz) ,5825MHz,Ant4



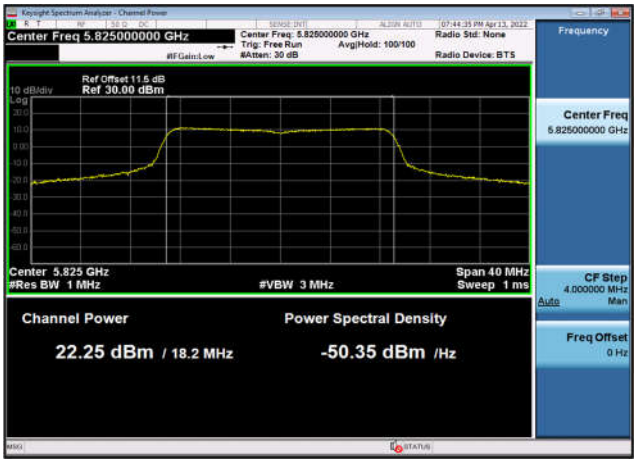
U-NII-3 Output Power-802.11ac(20MHz) ,5745MHz,Ant4



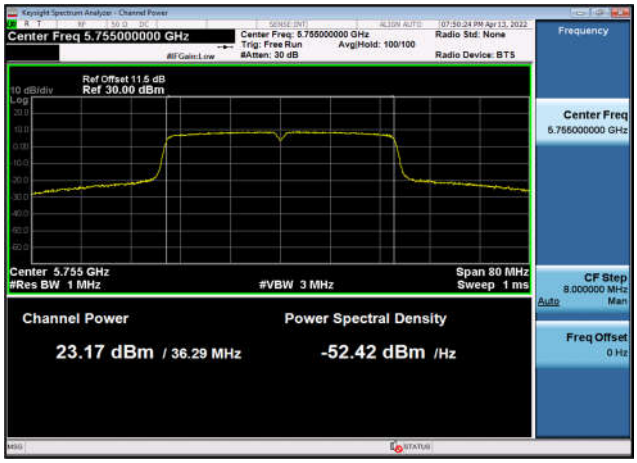
U-NII-3 Output Power-802.11ac(20MHz) ,5785MHz,Ant4



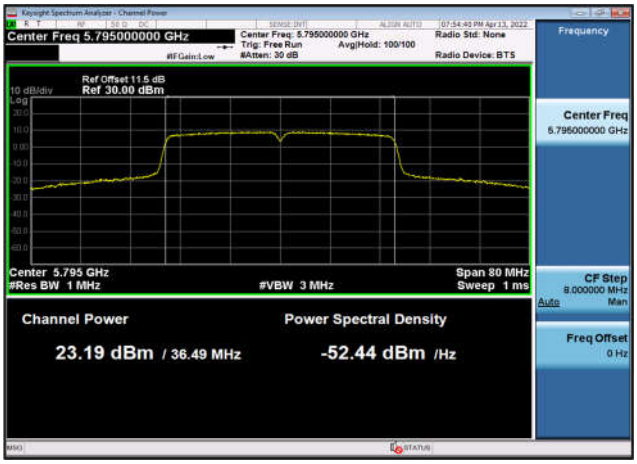
U-NII-3 Output Power-802.11ac(20MHz) ,5825MHz,Ant4



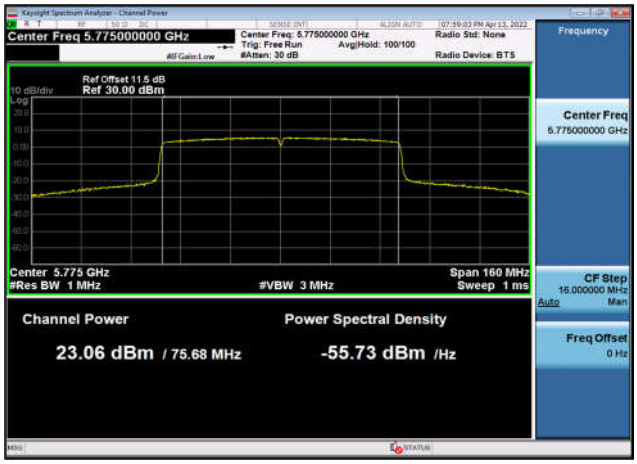
U-NII-3 Output Power-802.11ac(40MHz) ,5755MHz,Ant4



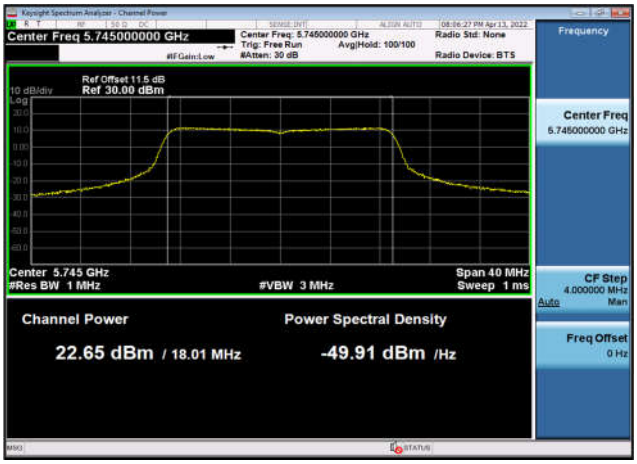
U-NII-3 Output Power-802.11ac(40MHz) ,5795MHz,Ant4



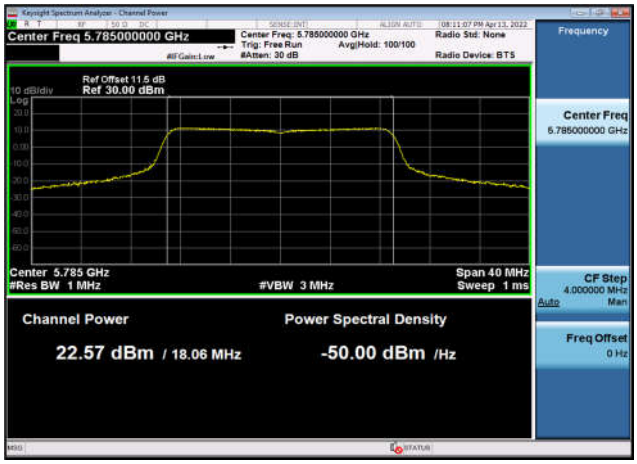
U-NII-3 Output Power-802.11ac(80MHz) ,5775MHz,Ant4



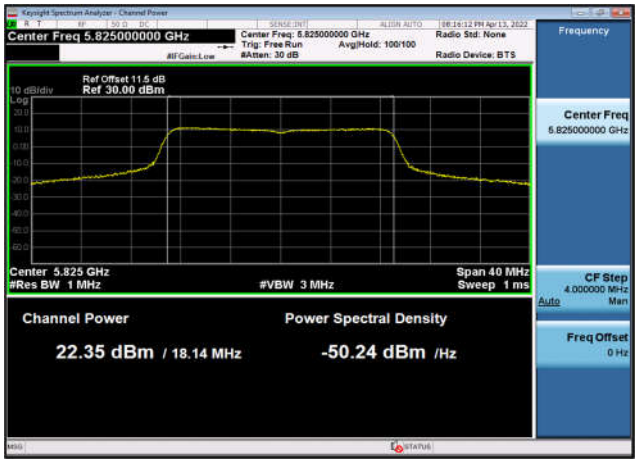
U-NII-3 Output Power-802.11ax(20MHz) ,5745MHz,Ant4



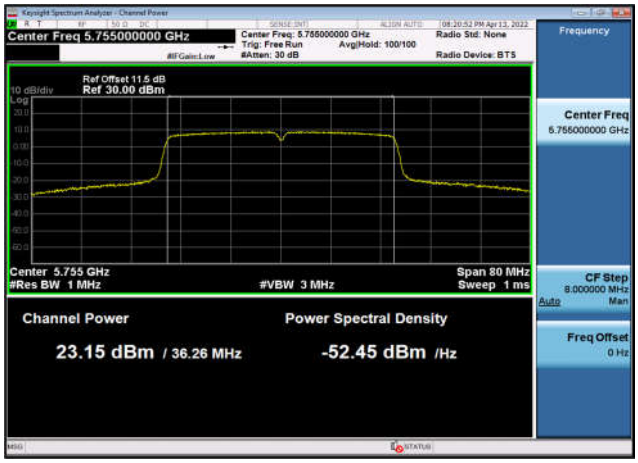
U-NII-3 Output Power-802.11ax(20MHz) ,5785MHz,Ant4



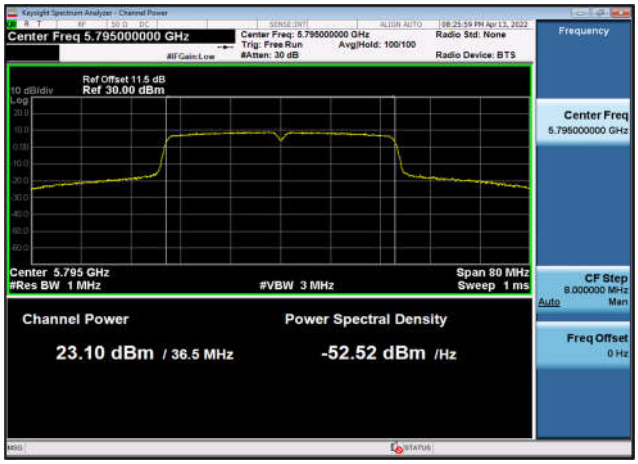
U-NII-3 Output Power-802.11ax(20MHz) ,5825MHz,Ant4



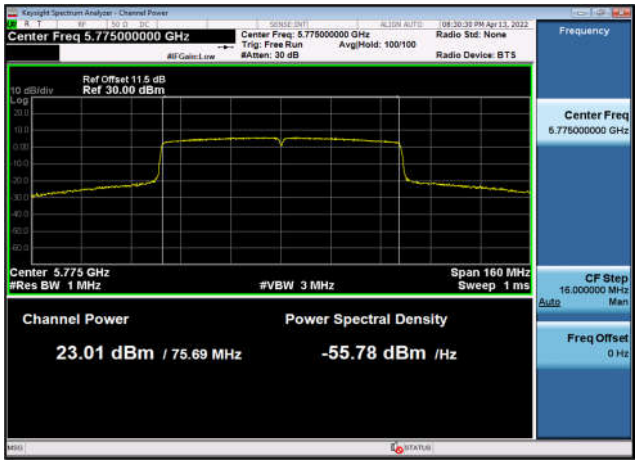
U-NII-3 Output Power-802.11ax(40MHz) ,5755MHz,Ant4



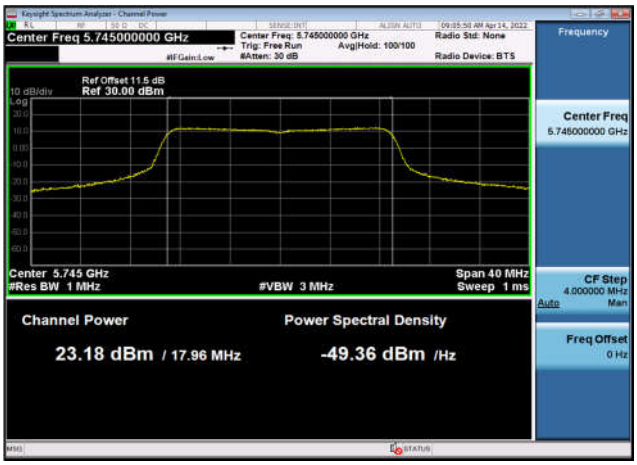
U-NII-3 Output Power-802.11ax(40MHz) ,5795MHz,Ant4



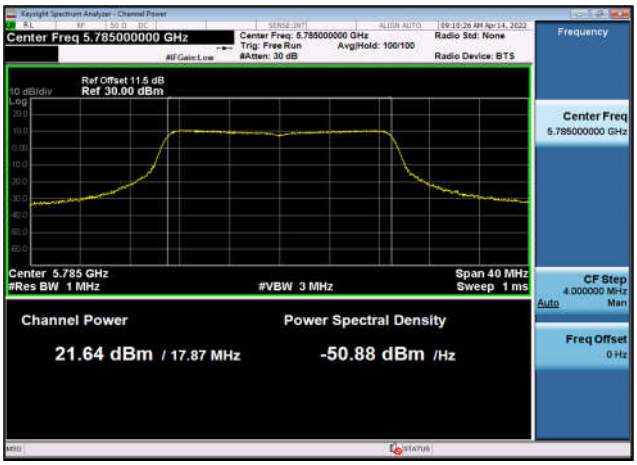
U-NII-3 Output Power-802.11ax(80MHz) ,5775MHz,Ant4



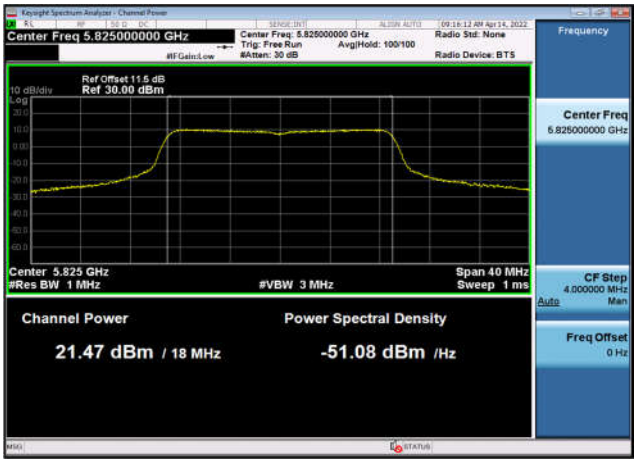
U-NII-3 Output Power-802.11n(20MHz) ,5745MHz,Ant5



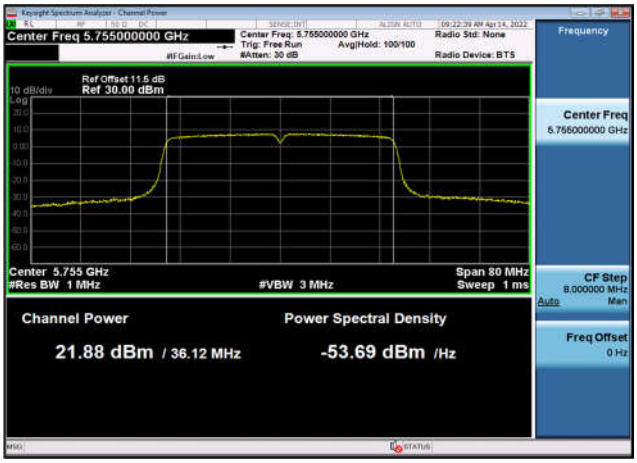
U-NII-3 Output Power-802.11n(20MHz) ,5785MHz,Ant5



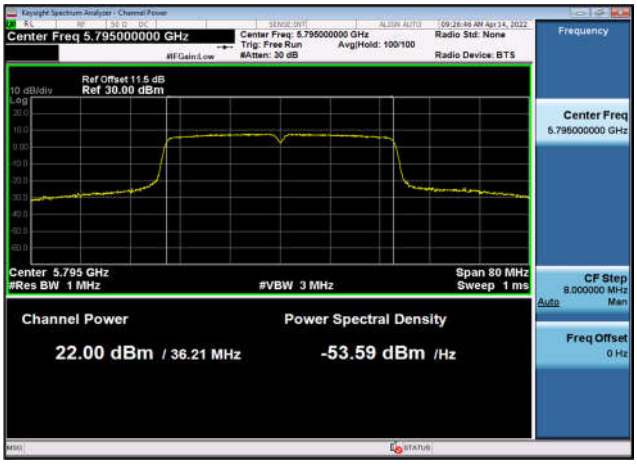
U-NII-3 Output Power-802.11n(20MHz) ,5825MHz,Ant5



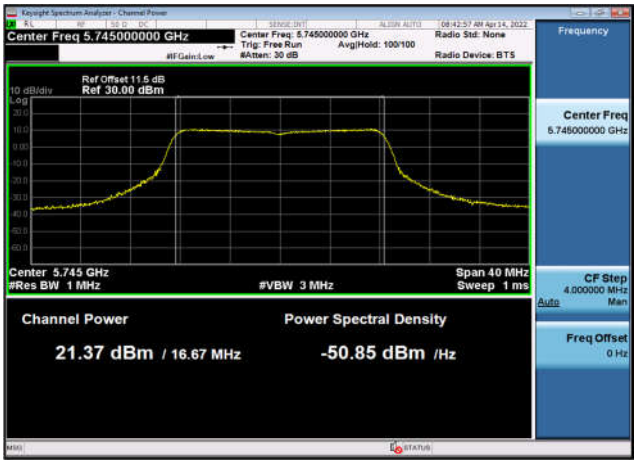
U-NII-3 Output Power-802.11n(40MHz) ,5755MHz,Ant5



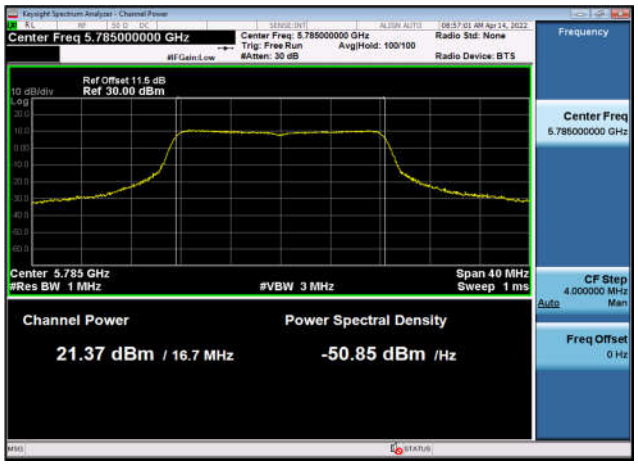
U-NII-3 Output Power-802.11n(40MHz) ,5795MHz,Ant5



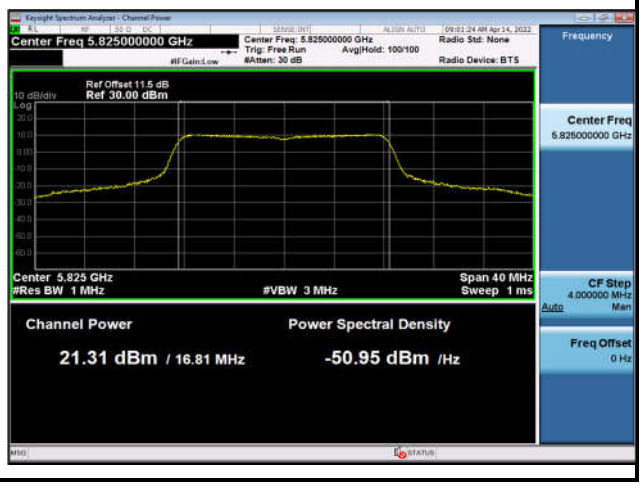
U-NII-3 Output Power-802.11a(20MHz) ,5745MHz,Ant5



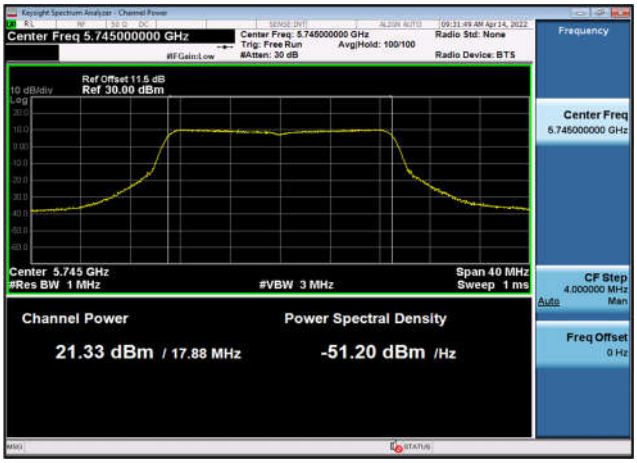
U-NII-3 Output Power-802.11a(20MHz) ,5785MHz,Ant5



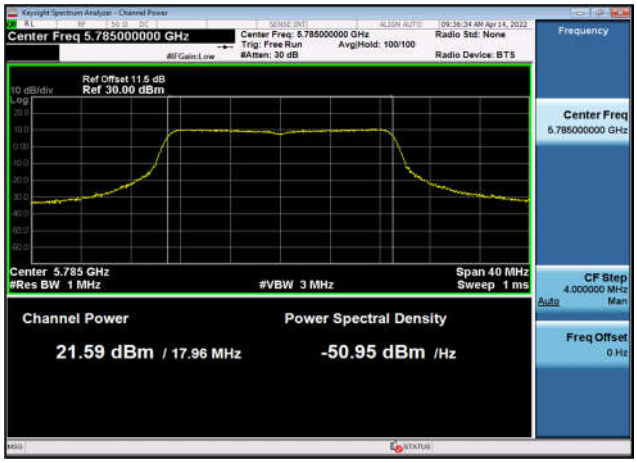
U-NII-3 Output Power-802.11a(20MHz) ,5825MHz,Ant5



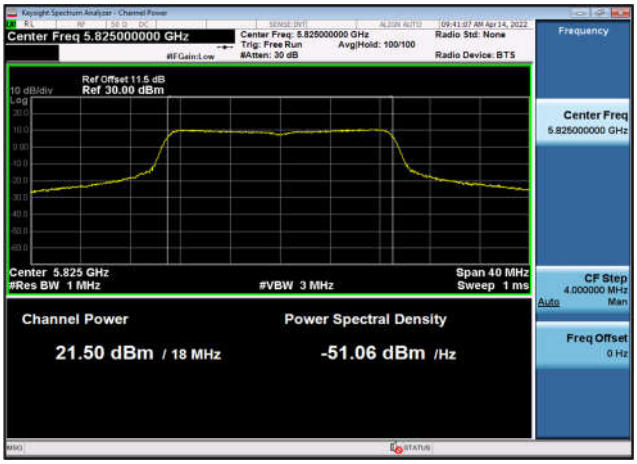
U-NII-3 Output Power-802.11ac(20MHz) ,5745MHz,Ant5



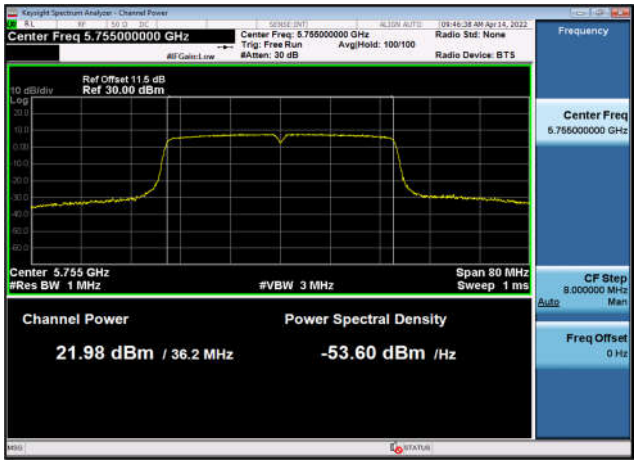
U-NII-3 Output Power-802.11ac(20MHz) ,5785MHz,Ant5



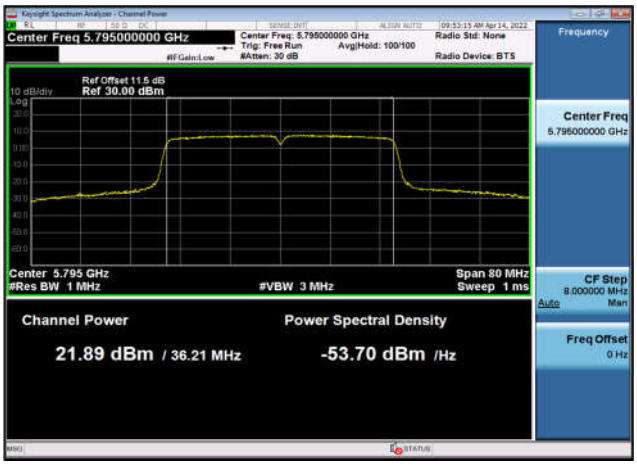
U-NII-3 Output Power-802.11ac(20MHz) ,5825MHz,Ant5



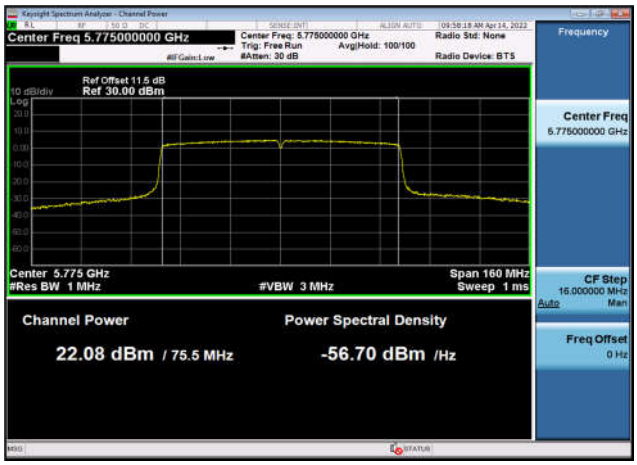
U-NII-3 Output Power-802.11ac(40MHz) ,5755MHz,Ant5



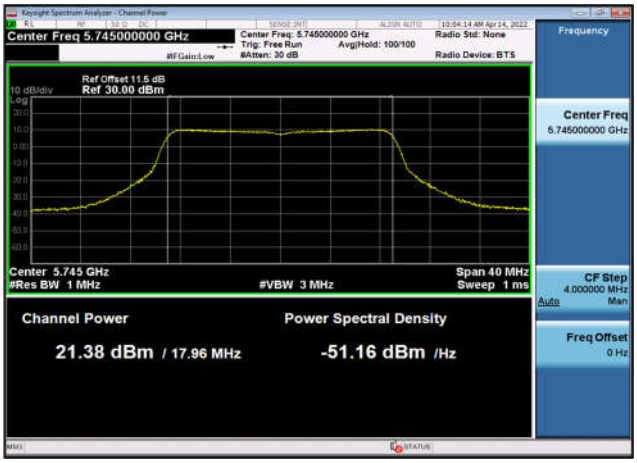
U-NII-3 Output Power-802.11ac(40MHz) ,5795MHz,Ant5



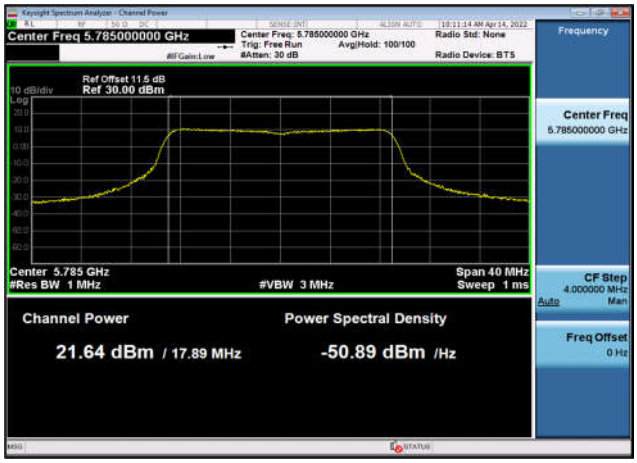
U-NII-3 Output Power-802.11ac(80MHz) ,5775MHz,Ant5



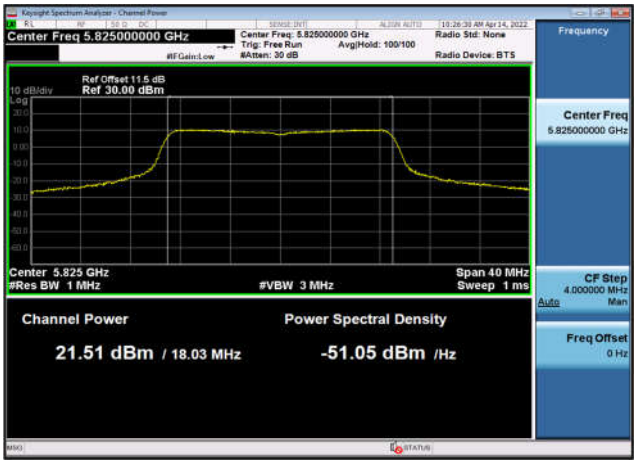
U-NII-3 Output Power-802.11ax(20MHz) ,5745MHz,Ant5



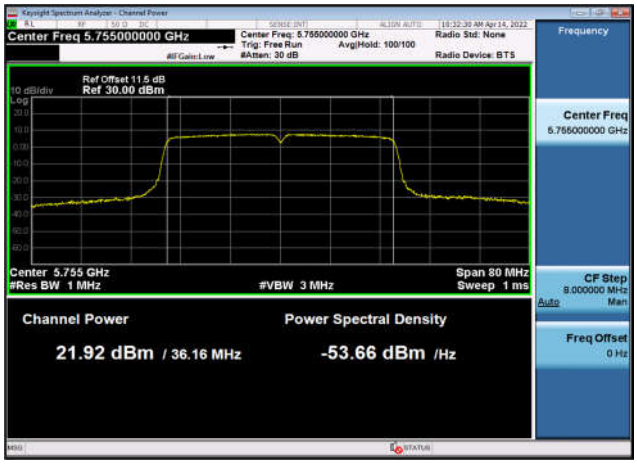
U-NII-3 Output Power-802.11ax(20MHz) ,5785MHz,Ant5



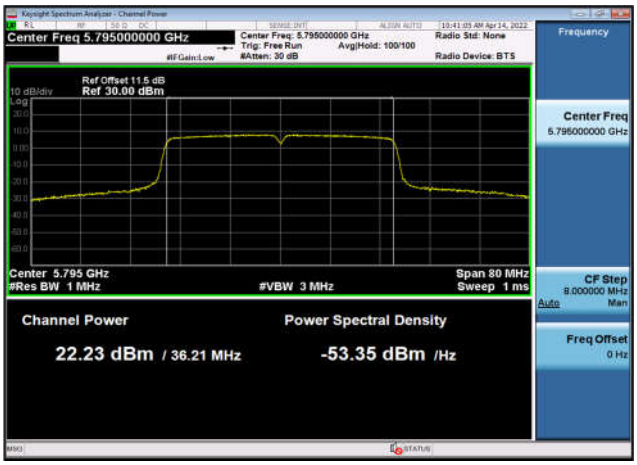
U-NII-3 Output Power-802.11ax(20MHz) ,5825MHz,Ant5



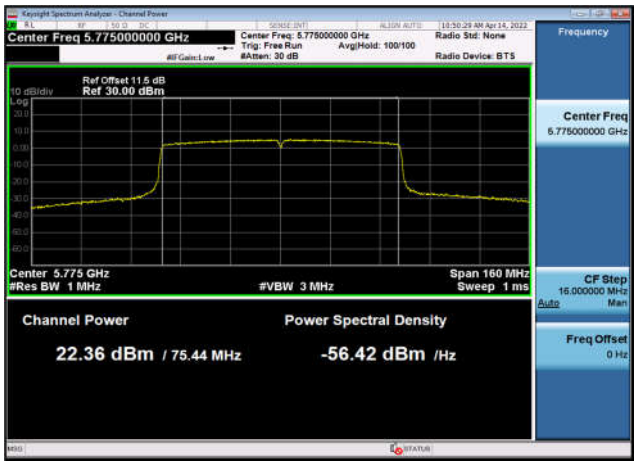
U-NII-3 Output Power-802.11ax(40MHz) ,5755MHz,Ant5



U-NII-3 Output Power-802.11ax(40MHz) ,5795MHz,Ant5



U-NII-3 Output Power-802.11ax(80MHz) ,5775MHz,Ant5



AVGSA Power Spectral Density

Test Result and Data(module QCN9024)

U-NII-1 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11n (20MHz)	5180	Ant0	0.00	9.209	1000	17	Pass
802.11n (20MHz)	5220	Ant0	0.00	9.367	1000	17	Pass
802.11n (20MHz)	5240	Ant0	0.00	9.427	1000	17	Pass
802.11n (40MHz)	5190	Ant0	0.00	6.809	1000	17	Pass
802.11n (40MHz)	5230	Ant0	0.00	6.551	1000	17	Pass
802.11ac (20MHz)	5180	Ant0	0.00	9.446	1000	17	Pass
802.11ac (20MHz)	5220	Ant0	0.00	9.333	1000	17	Pass
802.11ac (20MHz)	5240	Ant0	0.00	9.161	1000	17	Pass
802.11ac (40MHz)	5190	Ant0	0.00	6.800	1000	17	Pass
802.11ac (40MHz)	5230	Ant0	0.00	6.551	1000	17	Pass
802.11ac (80MHz)	5210	Ant0	0.00	3.476	1000	17	Pass
802.11a (20MHz)	5180	Ant0	0.00	9.936	1000	17	Pass
802.11a (20MHz)	5220	Ant0	0.00	9.478	1000	17	Pass
802.11a (20MHz)	5240	Ant0	0.00	9.522	1000	17	Pass
802.11ax (20MHz)	5180	Ant0	0.00	8.254	1000	17	Pass
802.11ax (20MHz)	5220	Ant0	0.00	8.248	1000	17	Pass
802.11ax (20MHz)	5240	Ant0	0.00	8.055	1000	17	Pass
802.11ax (40MHz)	5190	Ant0	0.00	5.941	1000	17	Pass
802.11ax (40MHz)	5230	Ant0	0.00	5.601	1000	17	Pass
802.11ax (80MHz)	5210	Ant0	0.00	2.485	1000	17	Pass

U-NII-1 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11n (20MHz)	5180	Ant1	0.00	9.307	1000	17	Pass
802.11n (20MHz)	5220	Ant1	0.00	9.484	1000	17	Pass
802.11n (20MHz)	5240	Ant1	0.00	9.093	1000	17	Pass
802.11n (40MHz)	5190	Ant1	0.00	6.951	1000	17	Pass
802.11n (40MHz)	5230	Ant1	0.00	6.520	1000	17	Pass
802.11ac (20MHz)	5180	Ant1	0.00	9.248	1000	17	Pass
802.11ac (20MHz)	5220	Ant1	0.00	9.145	1000	17	Pass
802.11ac (20MHz)	5240	Ant1	0.00	9.137	1000	17	Pass
802.11ac (40MHz)	5190	Ant1	0.00	6.756	1000	17	Pass
802.11ac (40MHz)	5230	Ant1	0.00	6.594	1000	17	Pass
802.11ac (80MHz)	5210	Ant1	0.00	3.319	1000	17	Pass
802.11a (20MHz)	5180	Ant1	0.00	9.613	1000	17	Pass
802.11a (20MHz)	5220	Ant1	0.00	9.574	1000	17	Pass
802.11a (20MHz)	5240	Ant1	0.00	9.847	1000	17	Pass
802.11ax (20MHz)	5180	Ant1	0.00	8.292	1000	17	Pass
802.11ax (20MHz)	5220	Ant1	0.00	8.128	1000	17	Pass
802.11ax (20MHz)	5240	Ant1	0.00	8.227	1000	17	Pass
802.11ax (40MHz)	5190	Ant1	0.00	5.751	1000	17	Pass
802.11ax (40MHz)	5230	Ant1	0.00	5.589	1000	17	Pass
802.11ax (80MHz)	5210	Ant1	0.00	1.928	1000	17	Pass

U-NII-1 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11n (20MHz)	5180	Ant2	0.00	9.178	1000	17	Pass
802.11n (20MHz)	5220	Ant2	0.00	9.187	1000	17	Pass
802.11n (20MHz)	5240	Ant2	0.00	9.025	1000	17	Pass
802.11n (40MHz)	5190	Ant2	0.00	6.840	1000	17	Pass
802.11n (40MHz)	5230	Ant2	0.00	6.104	1000	17	Pass
802.11ac (20MHz)	5180	Ant2	0.00	9.224	1000	17	Pass
802.11ac (20MHz)	5220	Ant2	0.00	9.239	1000	17	Pass
802.11ac (20MHz)	5240	Ant2	0.00	8.823	1000	17	Pass
802.11ac (40MHz)	5190	Ant2	0.00	6.755	1000	17	Pass
802.11ac (40MHz)	5230	Ant2	0.00	6.506	1000	17	Pass
802.11ac (80MHz)	5210	Ant2	0.00	3.135	1000	17	Pass
802.11a (20MHz)	5180	Ant2	0.00	9.680	1000	17	Pass
802.11a (20MHz)	5220	Ant2	0.00	9.626	1000	17	Pass
802.11a (20MHz)	5240	Ant2	0.00	9.648	1000	17	Pass
802.11ax (20MHz)	5180	Ant2	0.00	8.467	1000	17	Pass
802.11ax (20MHz)	5220	Ant2	0.00	8.515	1000	17	Pass
802.11ax (20MHz)	5240	Ant2	0.00	8.205	1000	17	Pass
802.11ax (40MHz)	5190	Ant2	0.00	5.853	1000	17	Pass
802.11ax (40MHz)	5230	Ant2	0.00	5.560	1000	17	Pass
802.11ax (80MHz)	5210	Ant2	0.00	2.390	1000	17	Pass

U-NII-1 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11n (20MHz)	5180	Ant3	0.00	9.332	1000	17	Pass
802.11n (20MHz)	5220	Ant3	0.00	9.224	1000	17	Pass
802.11n (20MHz)	5240	Ant3	0.00	9.057	1000	17	Pass
802.11n (40MHz)	5190	Ant3	0.00	6.908	1000	17	Pass
802.11n (40MHz)	5230	Ant3	0.00	6.476	1000	17	Pass
802.11ac (20MHz)	5180	Ant3	0.00	9.412	1000	17	Pass
802.11ac (20MHz)	5220	Ant3	0.00	9.110	1000	17	Pass
802.11ac (20MHz)	5240	Ant3	0.00	9.325	1000	17	Pass
802.11ac (40MHz)	5190	Ant3	0.00	6.744	1000	17	Pass
802.11ac (40MHz)	5230	Ant3	0.00	6.412	1000	17	Pass
802.11ac (80MHz)	5210	Ant3	0.00	3.278	1000	17	Pass
802.11a (20MHz)	5180	Ant3	0.00	9.858	1000	17	Pass
802.11a (20MHz)	5220	Ant3	0.00	9.584	1000	17	Pass
802.11a (20MHz)	5240	Ant3	0.00	9.759	1000	17	Pass
802.11ax (20MHz)	5180	Ant3	0.00	8.636	1000	17	Pass
802.11ax (20MHz)	5220	Ant3	0.00	8.770	1000	17	Pass
802.11ax (20MHz)	5240	Ant3	0.00	8.512	1000	17	Pass
802.11ax (40MHz)	5190	Ant3	0.00	6.119	1000	17	Pass
802.11ax (40MHz)	5230	Ant3	0.00	5.923	1000	17	Pass
802.11ax (80MHz)	5210	Ant3	0.00	3.133	1000	17	Pass

(module QCN5052)

U-NII-1 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11n (20MHz)	5180	Ant4	0.00	9.377	1000	17	Pass
802.11n (20MHz)	5220	Ant4	0.00	9.035	1000	17	Pass
802.11n (20MHz)	5240	Ant4	0.00	9.242	1000	17	Pass
802.11n (40MHz)	5190	Ant4	0.00	6.985	1000	17	Pass
802.11n (40MHz)	5230	Ant4	0.00	6.545	1000	17	Pass
802.11ac (20MHz)	5180	Ant4	0.00	9.384	1000	17	Pass
802.11ac (20MHz)	5220	Ant4	0.00	9.375	1000	17	Pass
802.11ac (20MHz)	5240	Ant4	0.00	9.171	1000	17	Pass
802.11ac (40MHz)	5190	Ant4	0.00	6.878	1000	17	Pass
802.11ac (40MHz)	5230	Ant4	0.00	6.554	1000	17	Pass
802.11ac (80MHz)	5210	Ant4	0.00	3.331	1000	17	Pass
802.11a (20MHz)	5180	Ant4	0.00	9.528	1000	17	Pass
802.11a (20MHz)	5220	Ant4	0.00	9.461	1000	17	Pass
802.11a (20MHz)	5240	Ant4	0.00	9.464	1000	17	Pass
802.11ax (20MHz)	5180	Ant4	0.00	8.585	1000	17	Pass
802.11ax (20MHz)	5220	Ant4	0.00	8.700	1000	17	Pass
802.11ax (20MHz)	5240	Ant4	0.00	9.069	1000	17	Pass
802.11ax (40MHz)	5190	Ant4	0.00	6.099	1000	17	Pass
802.11ax (40MHz)	5230	Ant4	0.00	5.781	1000	17	Pass
802.11ax (80MHz)	5210	Ant4	0.00	2.871	1000	17	Pass

U-NII-1 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11n (20MHz)	5180	Ant5	0.00	9.414	1000	17	Pass
802.11n (20MHz)	5220	Ant5	0.00	9.379	1000	17	Pass
802.11n (20MHz)	5240	Ant5	0.00	9.034	1000	17	Pass
802.11n (40MHz)	5190	Ant5	0.00	6.889	1000	17	Pass
802.11n (40MHz)	5230	Ant5	0.00	6.545	1000	17	Pass
802.11ac (20MHz)	5180	Ant5	0.00	9.636	1000	17	Pass
802.11ac (20MHz)	5220	Ant5	0.00	9.264	1000	17	Pass
802.11ac (20MHz)	5240	Ant5	0.00	8.995	1000	17	Pass
802.11ac (40MHz)	5190	Ant5	0.00	7.253	1000	17	Pass
802.11ac (40MHz)	5230	Ant5	0.00	6.584	1000	17	Pass
802.11ac (80MHz)	5210	Ant5	0.00	2.677	1000	17	Pass
802.11a (20MHz)	5180	Ant5	0.00	9.755	1000	17	Pass
802.11a (20MHz)	5220	Ant5	0.00	9.579	1000	17	Pass
802.11a (20MHz)	5240	Ant5	0.00	9.487	1000	17	Pass
802.11ax (20MHz)	5180	Ant5	0.00	8.685	1000	17	Pass
802.11ax (20MHz)	5220	Ant5	0.00	8.776	1000	17	Pass
802.11ax (20MHz)	5240	Ant5	0.00	8.574	1000	17	Pass
802.11ax (40MHz)	5190	Ant5	0.00	6.487	1000	17	Pass
802.11ax (40MHz)	5230	Ant5	0.00	5.846	1000	17	Pass
802.11ax (80MHz)	5210	Ant5	0.00	2.641	1000	17	Pass

(module QCN9024)

U-NII-1 AVGSA Output Power - 4×4 MIMO								
Mode	Frequency (MHz)	PSD (dBm)				Total PSD (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
802.11n (20MHz)	5180	9.209	9.307	9.178	9.332	15.28	17	Pass
802.11n (20MHz)	5220	9.367	9.484	9.187	9.224	15.34	17	Pass
802.11n (20MHz)	5240	9.427	9.093	9.025	9.057	15.17	17	Pass
802.11n (40MHz)	5190	6.809	6.951	6.840	6.908	12.90	17	Pass
802.11n (40MHz)	5230	6.551	6.520	6.104	6.476	12.44	17	Pass
802.11ac (20MHz)	5180	9.446	9.248	9.224	9.412	15.35	17	Pass
802.11ac (20MHz)	5220	9.333	9.145	9.239	9.110	15.23	17	Pass
802.11ac (20MHz)	5240	9.161	9.137	8.823	9.325	15.14	17	Pass
802.11ac (40MHz)	5190	6.800	6.756	6.755	6.744	12.78	17	Pass
802.11ac (40MHz)	5230	6.551	6.594	6.506	6.412	12.54	17	Pass
802.11ac (80MHz)	5210	3.476	3.319	3.135	3.278	9.32	17	Pass
802.11a (20MHz)	5180	9.936	9.613	9.680	9.858	15.79	17	Pass
802.11a (20MHz)	5220	9.478	9.574	9.626	9.584	15.59	17	Pass
802.11a (20MHz)	5240	9.522	9.847	9.648	9.759	15.72	17	Pass
802.11ax (20MHz)	5180	8.254	8.292	8.467	8.636	14.44	17	Pass
802.11ax (20MHz)	5220	8.248	8.128	8.515	8.770	14.44	17	Pass
802.11ax (20MHz)	5240	8.055	8.227	8.205	8.512	14.27	17	Pass
802.11ax (40MHz)	5190	5.941	5.751	5.853	6.119	11.94	17	Pass
802.11ax (40MHz)	5230	5.601	5.589	5.560	5.923	11.69	17	Pass
802.11ax (80MHz)	5210	2.485	1.928	2.390	3.133	8.53	17	Pass

Note:

1) ANT 0, ANT 1, ANT 2 and ANT 3 is 4*4MIMO.

2) All transmit signals are completely uncorrelated with each other.

3) Total Power = $10*\log\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$.

(module QCN5052)

U-NII-1 AVGSA Output Power - 2×2 MIMO						
Mode	Frequency (MHz)	PSD (dBm)		Total PSD (dBm)	Limit (dBm)	Result
		Ant4	Ant5			
802.11n (20MHz)	5180	9.377	9.414	12.41	17	Pass
802.11n (20MHz)	5220	9.035	9.379	12.22	17	Pass
802.11n (20MHz)	5240	9.242	9.034	12.15	17	Pass
802.11n (40MHz)	5190	6.985	6.889	9.95	17	Pass
802.11n (40MHz)	5230	6.545	6.545	9.56	17	Pass
802.11ac (20MHz)	5180	9.384	9.636	12.52	17	Pass
802.11ac (20MHz)	5220	9.375	9.264	12.33	17	Pass
802.11ac (20MHz)	5240	9.171	8.995	12.09	17	Pass
802.11ac (40MHz)	5190	6.878	7.253	10.08	17	Pass
802.11ac (40MHz)	5230	6.554	6.584	9.58	17	Pass
802.11ac (80MHz)	5210	3.331	2.677	6.03	17	Pass
802.11a (20MHz)	5180	9.528	9.755	12.65	17	Pass
802.11a (20MHz)	5220	9.461	9.579	12.53	17	Pass
802.11a (20MHz)	5240	9.464	9.487	12.49	17	Pass
802.11ax (20MHz)	5180	8.585	8.685	11.65	17	Pass
802.11ax (20MHz)	5220	8.700	8.776	11.75	17	Pass
802.11ax (20MHz)	5240	9.069	8.574	11.84	17	Pass
802.11ax (40MHz)	5190	6.099	6.487	9.31	17	Pass
802.11ax (40MHz)	5230	5.781	5.846	8.82	17	Pass
802.11ax (80MHz)	5210	2.871	2.641	5.77	17	Pass

Note:

1) ANT 4 and ANT 5 is 2*2MIMO.

2) All transmit signals are completely uncorrelated with each other.

3) Total Power = $10*\log \{10^{(\text{Ant 4 PSD}/10)} + 10^{(\text{Ant 5 PSD}/10)}\}$.

(module QCN9024)

U-NII-3 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11n (20MHz)	5745	Ant0	0.00	8.202	510	30	Pass
802.11n (20MHz)	5785	Ant0	0.00	8.241	510	30	Pass
802.11n (20MHz)	5825	Ant0	0.00	8.452	510	30	Pass
802.11n (40MHz)	5755	Ant0	0.00	5.452	510	30	Pass
802.11n (40MHz)	5795	Ant0	0.00	6.025	510	30	Pass
802.11ac (20MHz)	5745	Ant0	0.00	8.030	510	30	Pass
802.11ac (20MHz)	5785	Ant0	0.00	8.500	510	30	Pass
802.11ac (20MHz)	5825	Ant0	0.00	8.364	510	30	Pass
802.11ac (40MHz)	5755	Ant0	0.00	5.967	510	30	Pass
802.11ac (40MHz)	5795	Ant0	0.00	5.895	510	30	Pass
802.11ac (80MHz)	5775	Ant0	0.00	2.558	510	30	Pass
802.11a (20MHz)	5745	Ant0	0.00	8.254	510	30	Pass
802.11a (20MHz)	5785	Ant0	0.00	8.462	510	30	Pass
802.11a (20MHz)	5825	Ant0	0.00	8.495	510	30	Pass
802.11ax (20MHz)	5745	Ant0	0.00	7.637	510	30	Pass
802.11ax (20MHz)	5785	Ant0	0.00	8.380	510	30	Pass
802.11ax (20MHz)	5825	Ant0	0.00	8.326	510	30	Pass
802.11ax (40MHz)	5755	Ant0	0.00	5.409	510	30	Pass
802.11ax (40MHz)	5795	Ant0	0.00	5.487	510	30	Pass
802.11ax (80MHz)	5775	Ant0	0.00	1.965	510	30	Pass

U-NII-3 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11n (20MHz)	5745	Ant1	0.00	8.622	510	30	Pass
802.11n (20MHz)	5785	Ant1	0.00	9.048	510	30	Pass
802.11n (20MHz)	5825	Ant1	0.00	8.714	510	30	Pass
802.11n (40MHz)	5755	Ant1	0.00	6.067	510	30	Pass
802.11n (40MHz)	5795	Ant1	0.00	6.538	510	30	Pass
802.11ac (20MHz)	5745	Ant1	0.00	8.749	510	30	Pass
802.11ac (20MHz)	5785	Ant1	0.00	9.070	510	30	Pass
802.11ac (20MHz)	5825	Ant1	0.00	8.582	510	30	Pass
802.11ac (40MHz)	5755	Ant1	0.00	6.648	510	30	Pass
802.11ac (40MHz)	5795	Ant1	0.00	6.538	510	30	Pass
802.11ac (80MHz)	5775	Ant1	0.00	3.664	510	30	Pass
802.11a (20MHz)	5745	Ant1	0.00	8.856	510	30	Pass
802.11a (20MHz)	5785	Ant1	0.00	8.552	510	30	Pass
802.11a (20MHz)	5825	Ant1	0.00	8.454	510	30	Pass
802.11ax (20MHz)	5745	Ant1	0.00	8.855	510	30	Pass
802.11ax (20MHz)	5785	Ant1	0.00	8.807	510	30	Pass
802.11ax (20MHz)	5825	Ant1	0.00	8.885	510	30	Pass
802.11ax (40MHz)	5755	Ant1	0.00	6.637	510	30	Pass
802.11ax (40MHz)	5795	Ant1	0.00	6.406	510	30	Pass
802.11ax (80MHz)	5775	Ant1	0.00	3.217	510	30	Pass

U-NII-3 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11n (20MHz)	5745	Ant2	0.00	7.267	510	30	Pass
802.11n (20MHz)	5785	Ant2	0.00	7.252	510	30	Pass
802.11n (20MHz)	5825	Ant2	0.00	7.365	510	30	Pass
802.11n (40MHz)	5755	Ant2	0.00	4.909	510	30	Pass
802.11n (40MHz)	5795	Ant2	0.00	4.968	510	30	Pass
802.11ac (20MHz)	5745	Ant2	0.00	7.219	510	30	Pass
802.11ac (20MHz)	5785	Ant2	0.00	7.189	510	30	Pass
802.11ac (20MHz)	5825	Ant2	0.00	7.179	510	30	Pass
802.11ac (40MHz)	5755	Ant2	0.00	4.932	510	30	Pass
802.11ac (40MHz)	5795	Ant2	0.00	5.005	510	30	Pass
802.11ac (80MHz)	5775	Ant2	0.00	1.896	510	30	Pass
802.11a (20MHz)	5745	Ant2	0.00	7.207	510	30	Pass
802.11a (20MHz)	5785	Ant2	0.00	7.734	510	30	Pass
802.11a (20MHz)	5825	Ant2	0.00	7.292	510	30	Pass
802.11ax (20MHz)	5745	Ant2	0.00	6.837	510	30	Pass
802.11ax (20MHz)	5785	Ant2	0.00	7.100	510	30	Pass
802.11ax (20MHz)	5825	Ant2	0.00	7.646	510	30	Pass
802.11ax (40MHz)	5755	Ant2	0.00	4.941	510	30	Pass
802.11ax (40MHz)	5795	Ant2	0.00	4.961	510	30	Pass
802.11ax (80MHz)	5775	Ant2	0.00	1.720	510	30	Pass

U-NII-3 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11n (20MHz)	5745	Ant3	0.00	7.090	510	30	Pass
802.11n (20MHz)	5785	Ant3	0.00	7.067	510	30	Pass
802.11n (20MHz)	5825	Ant3	0.00	7.459	510	30	Pass
802.11n (40MHz)	5755	Ant3	0.00	4.761	510	30	Pass
802.11n (40MHz)	5795	Ant3	0.00	5.130	510	30	Pass
802.11ac (20MHz)	5745	Ant3	0.00	7.060	510	30	Pass
802.11ac (20MHz)	5785	Ant3	0.00	7.067	510	30	Pass
802.11ac (20MHz)	5825	Ant3	0.00	7.531	510	30	Pass
802.11ac (40MHz)	5755	Ant3	0.00	5.124	510	30	Pass
802.11ac (40MHz)	5795	Ant3	0.00	5.170	510	30	Pass
802.11ac (80MHz)	5775	Ant3	0.00	1.687	510	30	Pass
802.11a (20MHz)	5745	Ant3	0.00	7.104	510	30	Pass
802.11a (20MHz)	5785	Ant3	0.00	7.238	510	30	Pass
802.11a (20MHz)	5825	Ant3	0.00	7.256	510	30	Pass
802.11ax (20MHz)	5745	Ant3	0.00	7.006	510	30	Pass
802.11ax (20MHz)	5785	Ant3	0.00	7.451	510	30	Pass
802.11ax (20MHz)	5825	Ant3	0.00	7.223	510	30	Pass
802.11ax (40MHz)	5755	Ant3	0.00	4.897	510	30	Pass
802.11ax (40MHz)	5795	Ant3	0.00	4.766	510	30	Pass
802.11ax (80MHz)	5775	Ant3	0.00	1.676	510	30	Pass

(module QCN5052)

U-NII-3 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11n (20MHz)	5745	Ant4	0.00	8.569	510	30	Pass
802.11n (20MHz)	5785	Ant4	0.00	8.895	510	30	Pass
802.11n (20MHz)	5825	Ant4	0.00	8.380	510	30	Pass
802.11n (40MHz)	5755	Ant4	0.00	6.308	510	30	Pass
802.11n (40MHz)	5795	Ant4	0.00	6.396	510	30	Pass
802.11ac (20MHz)	5745	Ant4	0.00	8.704	510	30	Pass
802.11ac (20MHz)	5785	Ant4	0.00	8.790	510	30	Pass
802.11ac (20MHz)	5825	Ant4	0.00	8.520	510	30	Pass
802.11ac (40MHz)	5755	Ant4	0.00	6.490	510	30	Pass
802.11ac (40MHz)	5795	Ant4	0.00	5.988	510	30	Pass
802.11ac (80MHz)	5775	Ant4	0.00	3.547	510	30	Pass
802.11a (20MHz)	5745	Ant4	0.00	8.943	510	30	Pass
802.11a (20MHz)	5785	Ant4	0.00	8.915	510	30	Pass
802.11a (20MHz)	5825	Ant4	0.00	8.754	510	30	Pass
802.11ax (20MHz)	5745	Ant4	0.00	8.954	510	30	Pass
802.11ax (20MHz)	5785	Ant4	0.00	8.577	510	30	Pass
802.11ax (20MHz)	5825	Ant4	0.00	8.567	510	30	Pass
802.11ax (40MHz)	5755	Ant4	0.00	6.470	510	30	Pass
802.11ax (40MHz)	5795	Ant4	0.00	6.326	510	30	Pass
802.11ax (80MHz)	5775	Ant4	0.00	3.079	510	30	Pass

U-NII-3 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11n (20MHz)	5745	Ant5	0.00	8.980	510	30	Pass
802.11n (20MHz)	5785	Ant5	0.00	7.748	510	30	Pass
802.11n (20MHz)	5825	Ant5	0.00	7.587	510	30	Pass
802.11n (40MHz)	5755	Ant5	0.00	5.618	510	30	Pass
802.11n (40MHz)	5795	Ant5	0.00	5.468	510	30	Pass
802.11ac (20MHz)	5745	Ant5	0.00	7.373	510	30	Pass
802.11ac (20MHz)	5785	Ant5	0.00	7.988	510	30	Pass
802.11ac (20MHz)	5825	Ant5	0.00	7.864	510	30	Pass
802.11ac (40MHz)	5755	Ant5	0.00	5.291	510	30	Pass
802.11ac (40MHz)	5795	Ant5	0.00	5.321	510	30	Pass
802.11ac (80MHz)	5775	Ant5	0.00	2.611	510	30	Pass
802.11a (20MHz)	5745	Ant5	0.00	7.669	510	30	Pass
802.11a (20MHz)	5785	Ant5	0.00	7.782	510	30	Pass
802.11a (20MHz)	5825	Ant5	0.00	7.826	510	30	Pass
802.11ax (20MHz)	5745	Ant5	0.00	7.345	510	30	Pass
802.11ax (20MHz)	5785	Ant5	0.00	7.575	510	30	Pass
802.11ax (20MHz)	5825	Ant5	0.00	8.076	510	30	Pass
802.11ax (40MHz)	5755	Ant5	0.00	5.260	510	30	Pass
802.11ax (40MHz)	5795	Ant5	0.00	5.739	510	30	Pass
802.11ax (80MHz)	5775	Ant5	0.00	2.612	510	30	Pass

(module QCN9024)

U-NII-3 AVGSA Power Spectral Density - 4×4 MIMO								
Mode	Frequency (MHz)	PSD (dBm)				Total PSD (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
802.11n (20MHz)	5745	8.202	8.622	7.267	7.090	13.86	30	Pass
802.11n (20MHz)	5785	8.241	9.048	7.252	7.067	14.00	30	Pass
802.11n (20MHz)	5825	8.452	8.714	7.365	7.459	14.06	30	Pass
802.11n (40MHz)	5755	5.452	6.067	4.909	4.761	11.35	30	Pass
802.11n (40MHz)	5795	6.025	6.538	4.968	5.130	11.73	30	Pass
802.11ac (20MHz)	5745	8.030	8.749	7.219	7.060	13.84	30	Pass
802.11ac (20MHz)	5785	8.500	9.070	7.189	7.067	14.06	30	Pass
802.11ac (20MHz)	5825	8.364	8.582	7.179	7.531	13.97	30	Pass
802.11ac (40MHz)	5755	5.967	6.648	4.932	5.124	11.74	30	Pass
802.11ac (40MHz)	5795	5.895	6.538	5.005	5.170	11.72	30	Pass
802.11ac (80MHz)	5775	2.558	3.664	1.896	1.687	8.54	30	Pass
802.11a (20MHz)	5745	8.254	8.856	7.207	7.104	13.94	30	Pass
802.11a (20MHz)	5785	8.462	8.552	7.734	7.238	14.05	30	Pass
802.11a (20MHz)	5825	8.495	8.454	7.292	7.256	13.94	30	Pass
802.11ax (20MHz)	5745	7.637	8.855	6.837	7.006	13.68	30	Pass
802.11ax (20MHz)	5785	8.380	8.807	7.100	7.451	14.01	30	Pass
802.11ax (20MHz)	5825	8.326	8.885	7.646	7.223	14.09	30	Pass
802.11ax (40MHz)	5755	5.409	6.637	4.941	4.897	11.55	30	Pass
802.11ax (40MHz)	5795	5.487	6.406	4.961	4.766	11.47	30	Pass
802.11ax (80MHz)	5775	1.965	3.217	1.720	1.676	8.21	30	Pass

Note:

1) ANT 0, ANT 1, ANT 2 and ANT 3 is 4*4MIMO.

2) All transmit signals are completely uncorrelated with each other.

3) Total Power = $10*\log\{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$.

(module QCN5052)

U-NII-3 AVGSA Power Spectral Density - 2×2 MIMO						
Mode	Frequency (MHz)	PSD (dBm)		Total PSD (dBm)	Limit (dBm)	Result
		Ant4	Ant5			
802.11n (20MHz)	5745	8.569	8.980	8.569	30	Pass
802.11n (20MHz)	5785	8.895	7.748	8.895	30	Pass
802.11n (20MHz)	5825	8.380	7.587	8.380	30	Pass
802.11n (40MHz)	5755	6.308	5.618	6.308	30	Pass
802.11n (40MHz)	5795	6.396	5.468	6.396	30	Pass
802.11ac (20MHz)	5745	8.704	7.373	8.704	30	Pass
802.11ac (20MHz)	5785	8.790	7.988	8.790	30	Pass
802.11ac (20MHz)	5825	8.520	7.864	8.520	30	Pass
802.11ac (40MHz)	5755	6.490	5.291	6.490	30	Pass
802.11ac (40MHz)	5795	5.988	5.321	5.988	30	Pass
802.11ac (80MHz)	5775	3.547	2.611	3.547	30	Pass
802.11a (20MHz)	5745	8.943	7.669	8.943	30	Pass
802.11a (20MHz)	5785	8.915	7.782	8.915	30	Pass
802.11a (20MHz)	5825	8.754	7.826	8.754	30	Pass
802.11ax (20MHz)	5745	8.954	7.345	8.954	30	Pass
802.11ax (20MHz)	5785	8.577	7.575	8.577	30	Pass
802.11ax (20MHz)	5825	8.567	8.076	8.567	30	Pass
802.11ax (40MHz)	5755	6.470	5.260	6.470	30	Pass
802.11ax (40MHz)	5795	6.326	5.739	6.326	30	Pass
802.11ax (80MHz)	5775	3.079	2.612	3.079	30	Pass

Note:

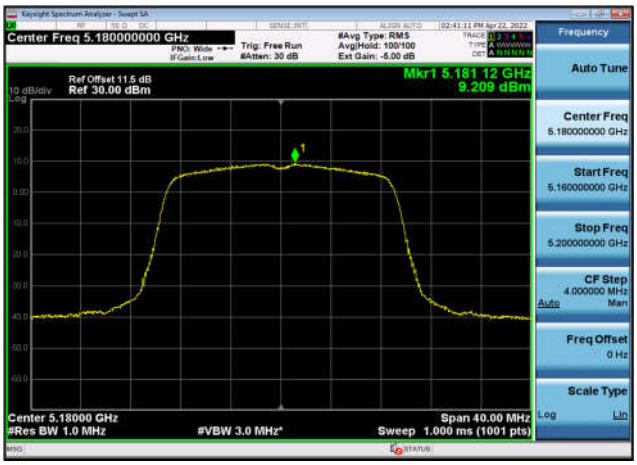
1) ANT 4 and ANT 5 is 2*2MIMO.

2) All transmit signals are completely uncorrelated with each other.

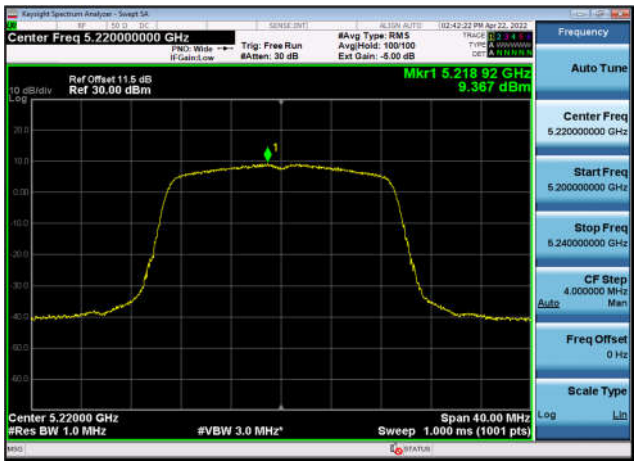
3) Total Power = $10*\log \{10^{(\text{Ant 4 PSD}/10)} + 10^{(\text{Ant 5 PSD}/10)}\}$.

Test Plots

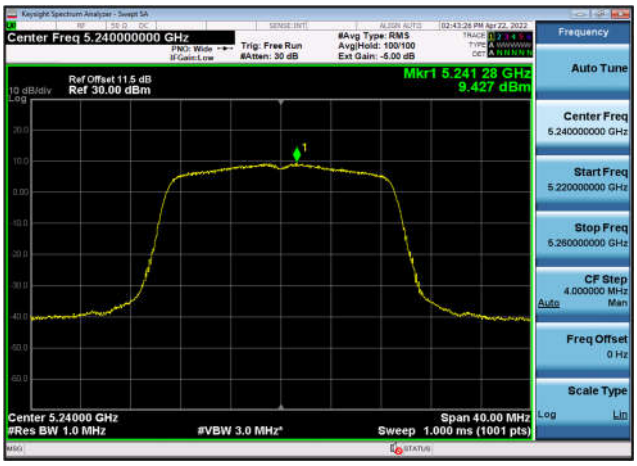
U-NII-1 Power spectral density-802.11 n(20MHz),5180MHz,Ant1



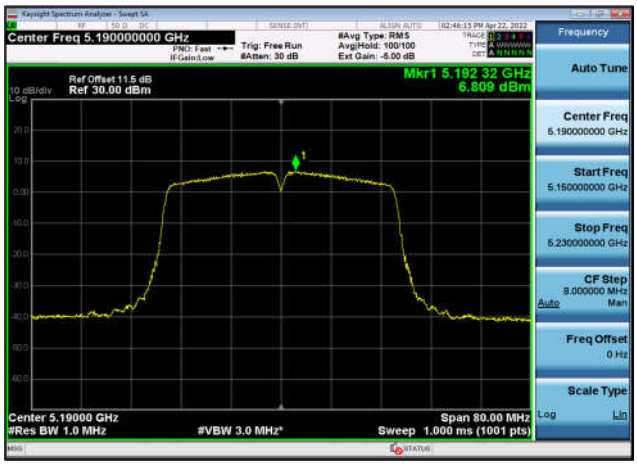
U-NII-1 Power spectral density-802.11 n(20MHz),5220MHz,Ant1



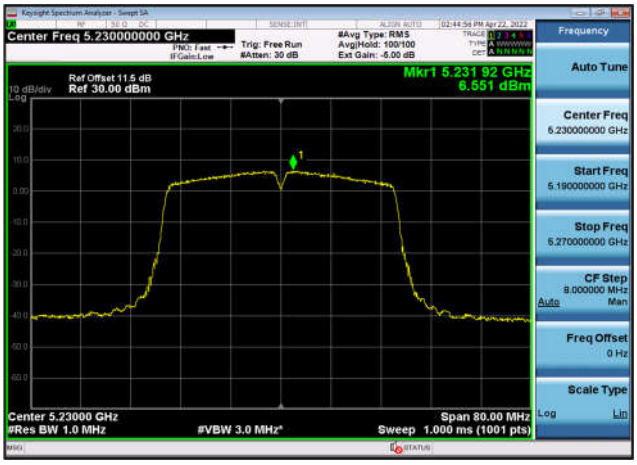
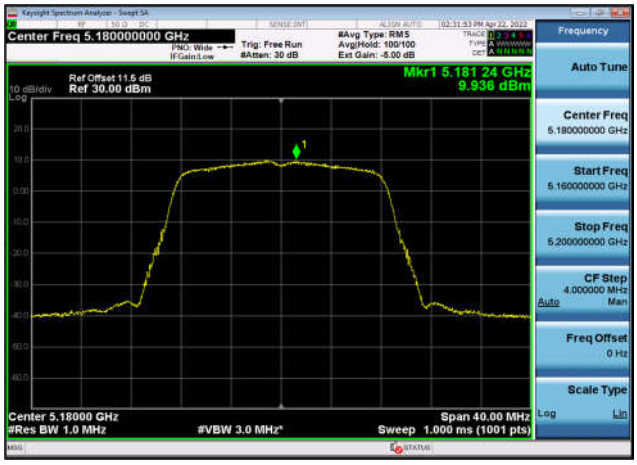
U-NII-1 Power spectral density-802.11 n(20MHz),5240MHz,Ant1



U-NII-1 Power spectral density-802.11 n(40MHz),5190MHz,Ant1



U-NII-1 Power spectral density-802.11 n(40MHz),5230MHz,Ant1



U-NII-1 Power spectral density-802.11 a(20MHz),5180MHz,Ant1