

Appendix A

Output power

Test results

U-NII-1 AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Limit (dBm)	Result
802.11n (20MHz)	5180	Ant0	0.00	22.35	30	Pass
802.11n (20MHz)	5220	Ant0	0.00	22.44	30	Pass
802.11n (20MHz)	5240	Ant0	0.00	22.26	30	Pass
802.11n (40MHz)	5190	Ant0	0.00	22.42	30	Pass
802.11n (40MHz)	5230	Ant0	0.00	22.38	30	Pass
802.11ac (20MHz)	5180	Ant0	0.00	22.25	30	Pass
802.11ac (20MHz)	5220	Ant0	0.00	22.23	30	Pass
802.11ac (20MHz)	5240	Ant0	0.00	22.36	30	Pass
802.11ac (40MHz)	5190	Ant0	0.00	22.40	30	Pass
802.11ac (40MHz)	5230	Ant0	0.00	22.49	30	Pass
802.11ac (80MHz)	5210	Ant0	0.00	22.02	30	Pass
802.11a (20MHz)	5180	Ant0	0.00	22.40	30	Pass
802.11a (20MHz)	5220	Ant0	0.00	22.36	30	Pass
802.11a (20MHz)	5240	Ant0	0.00	22.27	30	Pass
802.11ax (20MHz)	5180	Ant0	0.00	22.06	30	Pass
802.11ax (20MHz)	5220	Ant0	0.00	22.10	30	Pass
802.11ax (20MHz)	5240	Ant0	0.00	22.07	30	Pass
802.11ax (40MHz)	5190	Ant0	0.00	22.58	30	Pass
802.11ax (40MHz)	5230	Ant0	0.00	22.57	30	Pass
802.11ax (80MHz)	5210	Ant0	0.00	22.25	30	Pass

U-NII-1 AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Limit (dBm)	Result
802.11n (20MHz)	5180	Ant1	0.00	22.06	30	Pass
802.11n (20MHz)	5220	Ant1	0.00	22.18	30	Pass
802.11n (20MHz)	5240	Ant1	0.00	22.18	30	Pass
802.11n (40MHz)	5190	Ant1	0.00	22.29	30	Pass
802.11n (40MHz)	5230	Ant1	0.00	22.45	30	Pass
802.11ac (20MHz)	5180	Ant1	0.00	22.11	30	Pass
802.11ac (20MHz)	5220	Ant1	0.00	22.13	30	Pass
802.11ac (20MHz)	5240	Ant1	0.00	22.03	30	Pass
802.11ac (40MHz)	5190	Ant1	0.00	22.40	30	Pass
802.11ac (40MHz)	5230	Ant1	0.00	22.30	30	Pass
802.11ac (80MHz)	5210	Ant1	0.00	21.96	30	Pass
802.11a (20MHz)	5180	Ant1	0.00	22.24	30	Pass
802.11a (20MHz)	5220	Ant1	0.00	22.25	30	Pass
802.11a (20MHz)	5240	Ant1	0.00	22.24	30	Pass
802.11ax (20MHz)	5180	Ant1	0.00	22.17	30	Pass
802.11ax (20MHz)	5220	Ant1	0.00	22.15	30	Pass
802.11ax (20MHz)	5240	Ant1	0.00	22.25	30	Pass
802.11ax (40MHz)	5190	Ant1	0.00	22.26	30	Pass
802.11ax (40MHz)	5230	Ant1	0.00	22.27	30	Pass
802.11ax (80MHz)	5210	Ant1	0.00	21.93	30	Pass

U-NII-1 AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Limit (dBm)	Result
802.11n (20MHz)	5180	Ant2	0.00	22.21	30	Pass
802.11n (20MHz)	5220	Ant2	0.00	22.07	30	Pass
802.11n (20MHz)	5240	Ant2	0.00	22.15	30	Pass
802.11n (40MHz)	5190	Ant2	0.00	22.52	30	Pass
802.11n (40MHz)	5230	Ant2	0.00	22.43	30	Pass
802.11ac (20MHz)	5180	Ant2	0.00	22.11	30	Pass
802.11ac (20MHz)	5220	Ant2	0.00	22.23	30	Pass
802.11ac (20MHz)	5240	Ant2	0.00	22.06	30	Pass
802.11ac (40MHz)	5190	Ant2	0.00	22.42	30	Pass
802.11ac (40MHz)	5230	Ant2	0.00	22.39	30	Pass
802.11ac (80MHz)	5210	Ant2	0.00	22.07	30	Pass
802.11a (20MHz)	5180	Ant2	0.00	22.33	30	Pass
802.11a (20MHz)	5220	Ant2	0.00	22.24	30	Pass
802.11a (20MHz)	5240	Ant2	0.00	22.22	30	Pass
802.11ax (20MHz)	5180	Ant2	0.00	22.27	30	Pass
802.11ax (20MHz)	5220	Ant2	0.00	22.20	30	Pass
802.11ax (20MHz)	5240	Ant2	0.00	22.27	30	Pass
802.11ax (40MHz)	5190	Ant2	0.00	22.51	30	Pass
802.11ax (40MHz)	5230	Ant2	0.00	22.73	30	Pass
802.11ax (80MHz)	5210	Ant2	0.00	21.77	30	Pass

U-NII-1 AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Limit (dBm)	Result
802.11n (20MHz)	5180	Ant3	0.00	22.24	30	Pass
802.11n (20MHz)	5220	Ant3	0.00	22.23	30	Pass
802.11n (20MHz)	5240	Ant3	0.00	22.26	30	Pass
802.11n (40MHz)	5190	Ant3	0.00	22.31	30	Pass
802.11n (40MHz)	5230	Ant3	0.00	22.30	30	Pass
802.11ac (20MHz)	5180	Ant3	0.00	22.39	30	Pass
802.11ac (20MHz)	5220	Ant3	0.00	22.36	30	Pass
802.11ac (20MHz)	5240	Ant3	0.00	22.35	30	Pass
802.11ac (40MHz)	5190	Ant3	0.00	22.23	30	Pass
802.11ac (40MHz)	5230	Ant3	0.00	22.27	30	Pass
802.11ac (80MHz)	5210	Ant3	0.00	22.13	30	Pass
802.11a (20MHz)	5180	Ant3	0.00	22.92	30	Pass
802.11a (20MHz)	5220	Ant3	0.00	22.38	30	Pass
802.11a (20MHz)	5240	Ant3	0.00	22.54	30	Pass
802.11ax (20MHz)	5180	Ant3	0.00	22.27	30	Pass
802.11ax (20MHz)	5220	Ant3	0.00	22.23	30	Pass
802.11ax (20MHz)	5240	Ant3	0.00	22.21	30	Pass
802.11ax (40MHz)	5190	Ant3	0.00	22.44	30	Pass
802.11ax (40MHz)	5230	Ant3	0.00	22.51	30	Pass
802.11ax (80MHz)	5210	Ant3	0.00	22.01	30	Pass

U-NII-1 AVGSA Output Power - 4×4 MIMO								
Mode	Frequency (MHz)	Max Power (dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
802.11n (20MHz)	5180	22.35	22.06	22.21	22.24	28.24	30	Pass
802.11n (20MHz)	5220	22.44	22.18	22.07	22.23	28.25	30	Pass
802.11n (20MHz)	5240	22.26	22.18	22.15	22.26	28.23	30	Pass
802.11n (40MHz)	5190	22.42	22.29	22.52	22.31	28.41	30	Pass
802.11n (40MHz)	5230	22.38	22.45	22.43	22.30	28.41	30	Pass
802.11ac (20MHz)	5180	22.25	22.11	22.11	22.39	28.24	30	Pass
802.11ac (20MHz)	5220	22.23	22.13	22.23	22.36	28.26	30	Pass
802.11ac (20MHz)	5240	22.36	22.03	22.06	22.35	28.22	30	Pass
802.11ac (40MHz)	5190	22.40	22.40	22.42	22.23	28.38	30	Pass
802.11ac (40MHz)	5230	22.49	22.30	22.39	22.27	28.38	30	Pass
802.11ac (80MHz)	5210	22.02	21.96	22.07	22.13	28.07	30	Pass
802.11ax (20MHz)	5180	22.06	22.17	22.27	22.27	28.21	30	Pass
802.11ax (20MHz)	5220	22.10	22.15	22.20	22.23	28.19	30	Pass
802.11ax (20MHz)	5240	22.07	22.25	22.27	22.21	28.22	30	Pass
802.11ax (40MHz)	5190	22.58	22.26	22.51	22.44	28.47	30	Pass
802.11ax (40MHz)	5230	22.57	22.27	22.73	22.51	28.54	30	Pass
802.11ax (80MHz)	5210	22.25	21.93	21.77	22.01	28.01	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 = $10 \cdot \log \{ 10^{(\text{Ant 0 Max Power}/10)} + 10^{(\text{Ant 1 Max Power}/10)} + 10^{(\text{Ant 2 Max Power}/10)} + 10^{(\text{Ant 3 Max Power}/10)} \}$.

U-NII-3 AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Limit (dBm)	Result
802.11n (20MHz)	5745	Ant0	0.00	22.97	30	Pass
802.11n (20MHz)	5785	Ant0	0.00	22.59	30	Pass
802.11n (20MHz)	5825	Ant0	0.00	22.31	30	Pass
802.11n (40MHz)	5755	Ant0	0.00	23.18	30	Pass
802.11n (40MHz)	5795	Ant0	0.00	22.59	30	Pass
802.11ac (20MHz)	5745	Ant0	0.00	23.04	30	Pass
802.11ac (20MHz)	5785	Ant0	0.00	22.84	30	Pass
802.11ac (20MHz)	5825	Ant0	0.00	22.30	30	Pass
802.11ac (40MHz)	5755	Ant0	0.00	22.60	30	Pass
802.11ac (40MHz)	5795	Ant0	0.00	22.84	30	Pass
802.11ac (80MHz)	5775	Ant0	0.00	22.63	30	Pass
802.11a (20MHz)	5745	Ant0	0.00	22.27	30	Pass
802.11a (20MHz)	5785	Ant0	0.00	22.50	30	Pass
802.11a (20MHz)	5825	Ant0	0.00	22.14	30	Pass
802.11ax (20MHz)	5745	Ant0	0.00	23.07	30	Pass
802.11ax (20MHz)	5785	Ant0	0.00	23.32	30	Pass
802.11ax (20MHz)	5825	Ant0	0.00	22.42	30	Pass
802.11ax (40MHz)	5755	Ant0	0.00	23.07	30	Pass
802.11ax (40MHz)	5795	Ant0	0.00	22.87	30	Pass
802.11ax (80MHz)	5775	Ant0	0.00	22.85	30	Pass

U-NII-3 AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Limit (dBm)	Result
802.11n (20MHz)	5745	Ant1	0.00	23.07	30	Pass
802.11n (20MHz)	5785	Ant1	0.00	22.32	30	Pass
802.11n (20MHz)	5825	Ant1	0.00	22.24	30	Pass
802.11n (40MHz)	5755	Ant1	0.00	23.14	30	Pass
802.11n (40MHz)	5795	Ant1	0.00	22.63	30	Pass
802.11ac (20MHz)	5745	Ant1	0.00	22.89	30	Pass
802.11ac (20MHz)	5785	Ant1	0.00	22.75	30	Pass
802.11ac (20MHz)	5825	Ant1	0.00	22.29	30	Pass
802.11ac (40MHz)	5755	Ant1	0.00	22.51	30	Pass
802.11ac (40MHz)	5795	Ant1	0.00	23.03	30	Pass
802.11ac (80MHz)	5775	Ant1	0.00	22.85	30	Pass
802.11a (20MHz)	5745	Ant1	0.00	23.12	30	Pass
802.11a (20MHz)	5785	Ant1	0.00	22.77	30	Pass
802.11a (20MHz)	5825	Ant1	0.00	21.99	30	Pass
802.11ax (20MHz)	5745	Ant1	0.00	22.96	30	Pass
802.11ax (20MHz)	5785	Ant1	0.00	22.75	30	Pass
802.11ax (20MHz)	5825	Ant1	0.00	22.46	30	Pass
802.11ax (40MHz)	5755	Ant1	0.00	23.46	30	Pass
802.11ax (40MHz)	5795	Ant1	0.00	22.90	30	Pass
802.11ax (80MHz)	5775	Ant1	0.00	22.82	30	Pass

U-NII-3 AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Limit (dBm)	Result
802.11n (20MHz)	5745	Ant2	0.00	22.81	30	Pass
802.11n (20MHz)	5785	Ant2	0.00	22.56	30	Pass
802.11n (20MHz)	5825	Ant2	0.00	22.49	30	Pass
802.11n (40MHz)	5755	Ant2	0.00	22.84	30	Pass
802.11n (40MHz)	5795	Ant2	0.00	21.62	30	Pass
802.11ac (20MHz)	5745	Ant2	0.00	23.62	30	Pass
802.11ac (20MHz)	5785	Ant2	0.00	22.59	30	Pass
802.11ac (20MHz)	5825	Ant2	0.00	22.16	30	Pass
802.11ac (40MHz)	5755	Ant2	0.00	22.51	30	Pass
802.11ac (40MHz)	5795	Ant2	0.00	22.57	30	Pass
802.11ac (80MHz)	5775	Ant2	0.00	22.40	30	Pass
802.11a (20MHz)	5745	Ant2	0.00	23.12	30	Pass
802.11a (20MHz)	5785	Ant2	0.00	22.74	30	Pass
802.11a (20MHz)	5825	Ant2	0.00	22.51	30	Pass
802.11ax (20MHz)	5745	Ant2	0.00	23.02	30	Pass
802.11ax (20MHz)	5785	Ant2	0.00	22.80	30	Pass
802.11ax (20MHz)	5825	Ant2	0.00	22.46	30	Pass
802.11ax (40MHz)	5755	Ant2	0.00	23.38	30	Pass
802.11ax (40MHz)	5795	Ant2	0.00	22.89	30	Pass
802.11ax (80MHz)	5775	Ant2	0.00	22.81	30	Pass

U-NII-3 AVGSA Output Power						
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Limit (dBm)	Result
802.11n (20MHz)	5745	Ant3	0.00	22.93	30	Pass
802.11n (20MHz)	5785	Ant3	0.00	22.70	30	Pass
802.11n (20MHz)	5825	Ant3	0.00	22.13	30	Pass
802.11n (40MHz)	5755	Ant3	0.00	22.92	30	Pass
802.11n (40MHz)	5795	Ant3	0.00	22.78	30	Pass
802.11ac (20MHz)	5745	Ant3	0.00	22.85	30	Pass
802.11ac (20MHz)	5785	Ant3	0.00	22.96	30	Pass
802.11ac (20MHz)	5825	Ant3	0.00	22.32	30	Pass
802.11ac (40MHz)	5755	Ant3	0.00	22.94	30	Pass
802.11ac (40MHz)	5795	Ant3	0.00	22.83	30	Pass
802.11ac (80MHz)	5775	Ant3	0.00	22.63	30	Pass
802.11a (20MHz)	5745	Ant3	0.00	23.24	30	Pass
802.11a (20MHz)	5785	Ant3	0.00	22.98	30	Pass
802.11a (20MHz)	5825	Ant3	0.00	22.40	30	Pass
802.11ax (20MHz)	5745	Ant3	0.00	22.97	30	Pass
802.11ax (20MHz)	5785	Ant3	0.00	22.89	30	Pass
802.11ax (20MHz)	5825	Ant3	0.00	22.45	30	Pass
802.11ax (40MHz)	5755	Ant3	0.00	23.16	30	Pass
802.11ax (40MHz)	5795	Ant3	0.00	22.84	30	Pass
802.11ax (80MHz)	5775	Ant3	0.00	22.70	30	Pass

U-NII-3 AVGSA Output Power - 4×4 MIMO								
Mode	Frequency (MHz)	Max Power (dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
802.11n (20MHz)	5745	22.97	23.07	22.81	22.93	28.97	30	Pass
802.11n (20MHz)	5785	22.59	22.32	22.56	22.70	28.57	30	Pass
802.11n (20MHz)	5825	22.31	22.24	22.49	22.13	28.32	30	Pass
802.11n (40MHz)	5755	23.18	23.14	22.84	22.92	29.04	30	Pass
802.11n (40MHz)	5795	22.59	22.63	21.62	22.78	28.45	30	Pass
802.11ac (20MHz)	5745	23.04	22.89	23.62	22.85	29.13	30	Pass
802.11ac (20MHz)	5785	22.84	22.75	22.59	22.96	28.81	30	Pass
802.11ac (20MHz)	5825	22.30	22.29	22.16	22.32	28.29	30	Pass
802.11ac (40MHz)	5755	22.60	22.51	22.51	22.94	28.66	30	Pass
802.11ac (40MHz)	5795	22.84	23.03	22.57	22.83	28.84	30	Pass
802.11ac (80MHz)	5775	22.63	22.85	22.40	22.63	28.65	30	Pass
802.11ax (20MHz)	5745	23.07	22.96	23.02	22.97	29.03	30	Pass
802.11ax (20MHz)	5785	23.32	22.75	22.80	22.89	28.97	30	Pass
802.11ax (20MHz)	5825	22.42	22.46	22.46	22.45	28.47	30	Pass
802.11ax (40MHz)	5755	23.07	23.46	23.38	23.16	29.29	30	Pass
802.11ax (40MHz)	5795	22.87	22.90	22.89	22.84	28.90	30	Pass
802.11ax (80MHz)	5775	22.85	22.82	22.81	22.70	28.82	30	Pass

Note:

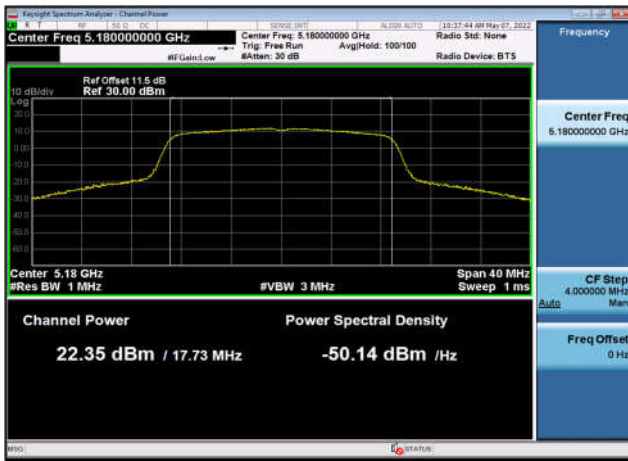
1) ANT 0, ANT 1, ANT 2 and ANT 3 is 4*4MIMO.

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

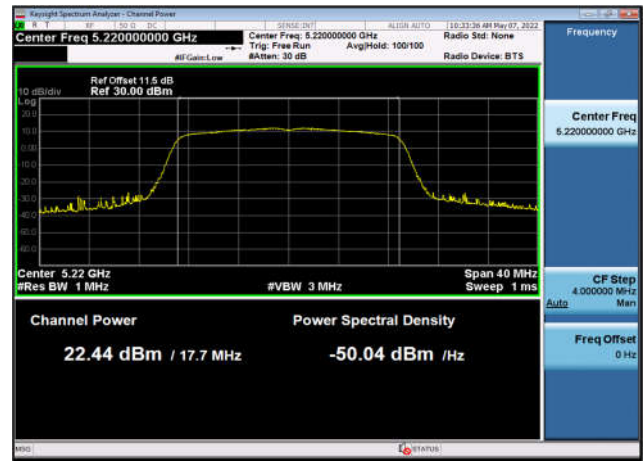
3) Total Power = $10 \cdot \log \{ 10^{(\text{Ant 0 Max Power}/10)} + 10^{(\text{Ant 1 Max Power}/10)} + 10^{(\text{Ant 2 Max Power}/10)} + 10^{(\text{Ant 3 Max Power}/10)} \}$.

Test plots

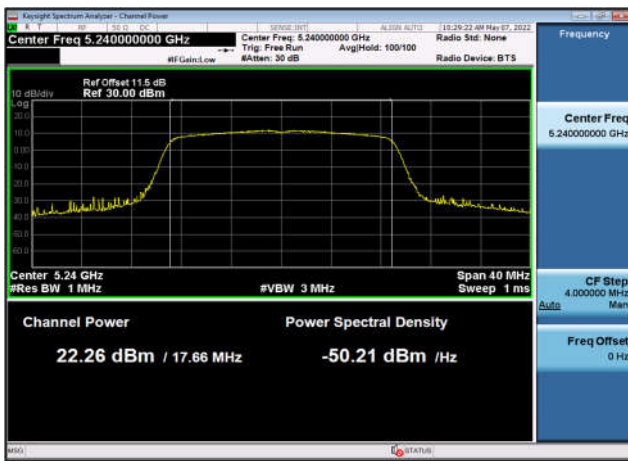
U-NII-1 Output Power-802.11n(20MHz)
,5180MHz,Ant0



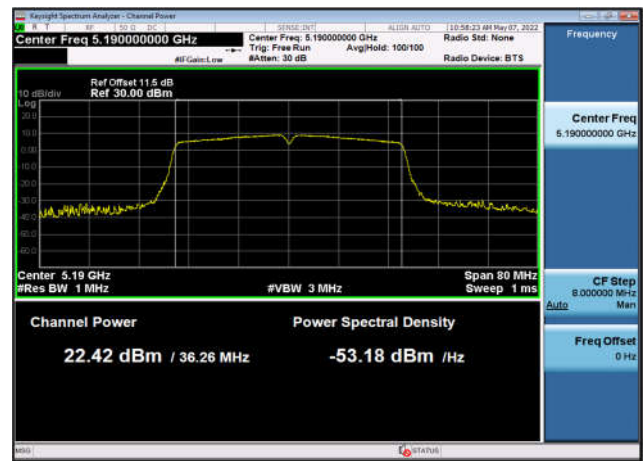
U-NII-1 Output Power-802.11n(20MHz)
,5220MHz,Ant0



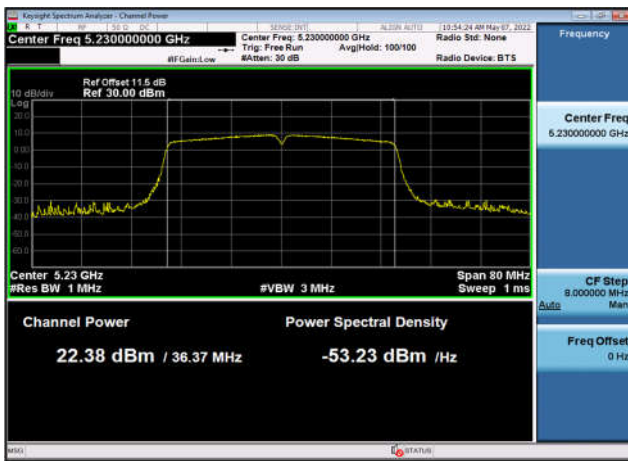
U-NII-1 Output Power-802.11n(20MHz)
,5240MHz,Ant0



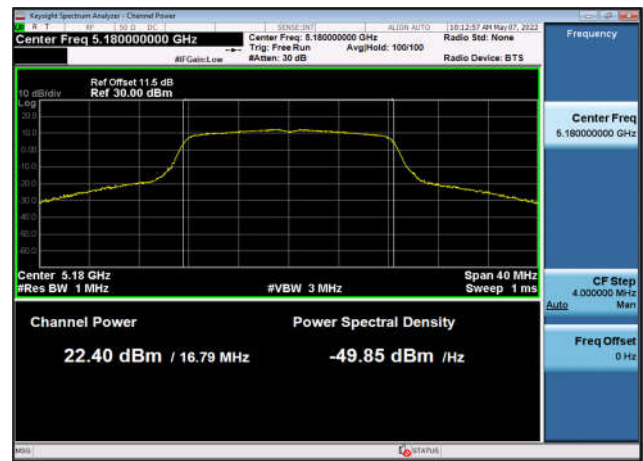
U-NII-1 Output Power-802.11n(40MHz)
,5190MHz,Ant0



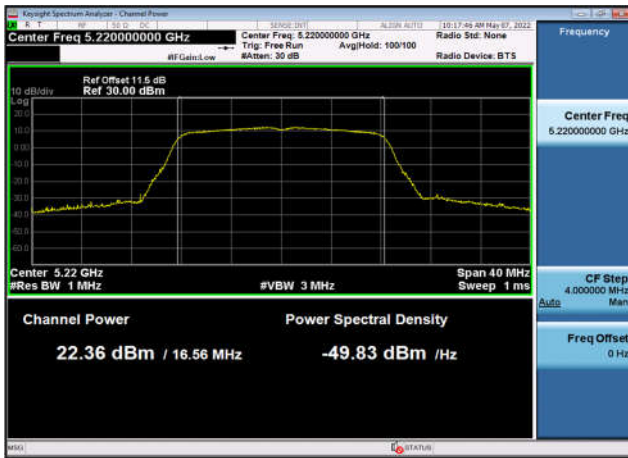
U-NII-1 Output Power-802.11n(40MHz)
,5230MHz,Ant0



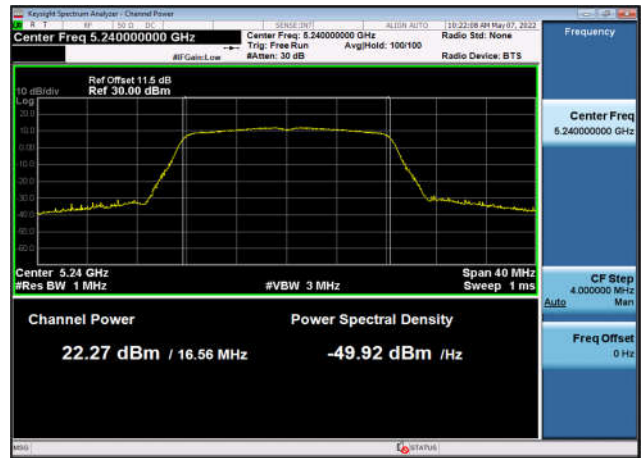
U-NII-1 Output Power-802.11a(20MHz)
,5180MHz,Ant0



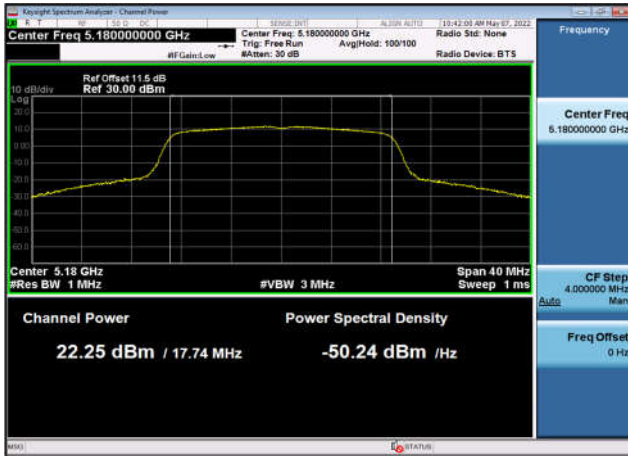
U-NII-1 Output Power-802.11a(20MHz)
,5220MHz,Ant0



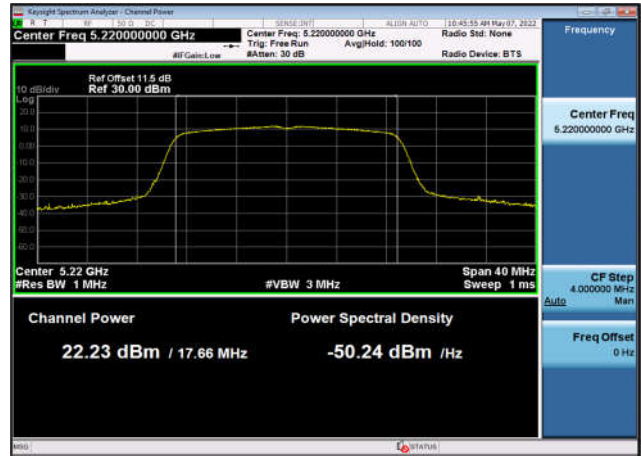
U-NII-1 Output Power-802.11a(20MHz)
,5240MHz,Ant0



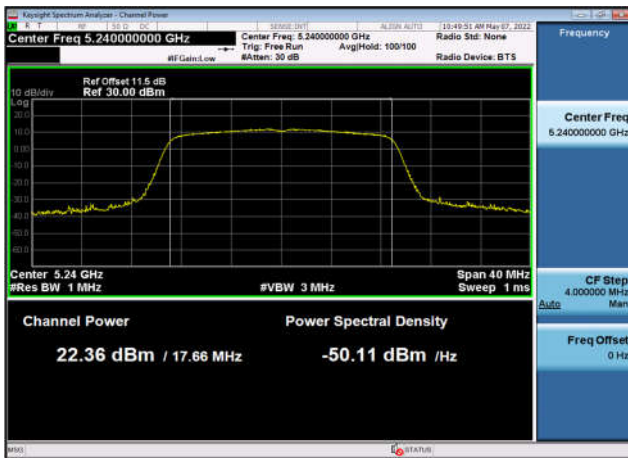
U-NII-1 Output Power-802.11ac(20MHz)
,5180MHz,Ant0



U-NII-1 Output Power-802.11ac(20MHz)
,5220MHz,Ant0



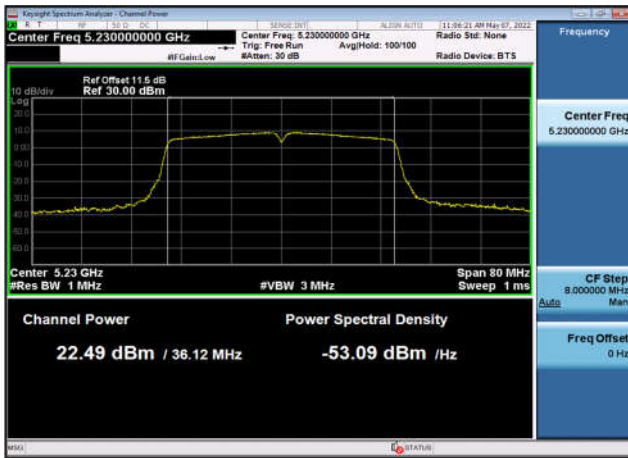
U-NII-1 Output Power-802.11ac(20MHz)
,5240MHz,Ant0



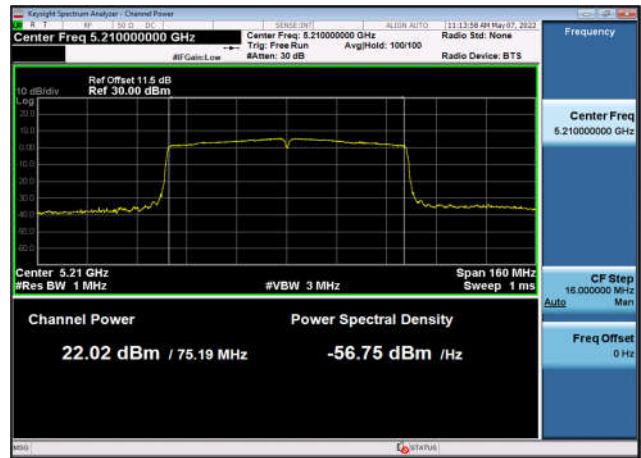
U-NII-1 Output Power-802.11ac(40MHz)
,5190MHz,Ant0



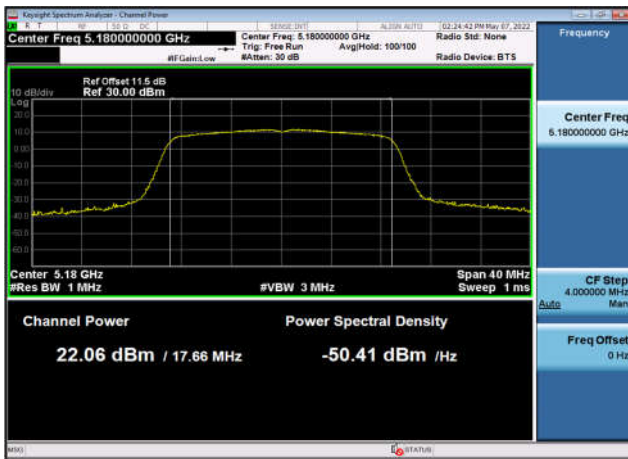
U-NII-1 Output Power-802.11ac(40MHz)
,5230MHz,Ant0



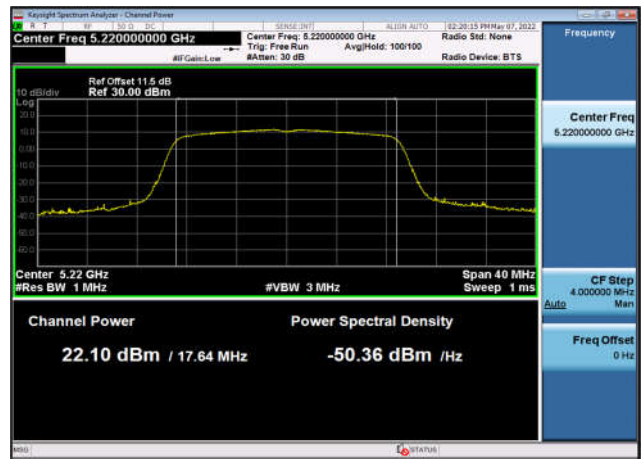
U-NII-1 Output Power-802.11ac(80MHz)
,5210MHz,Ant0



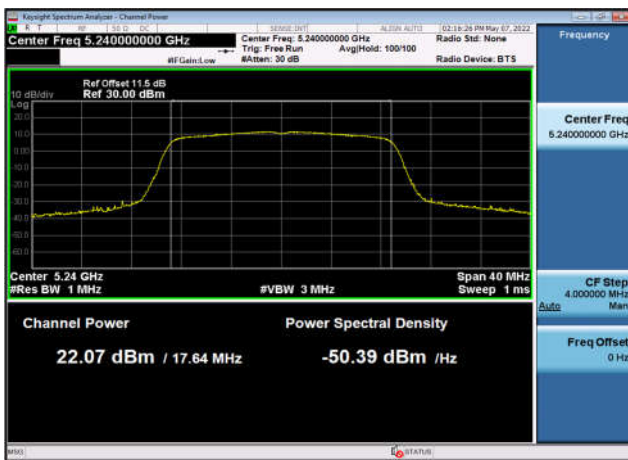
U-NII-1 Output Power-802.11ax(20MHz)
,5180MHz,Ant0



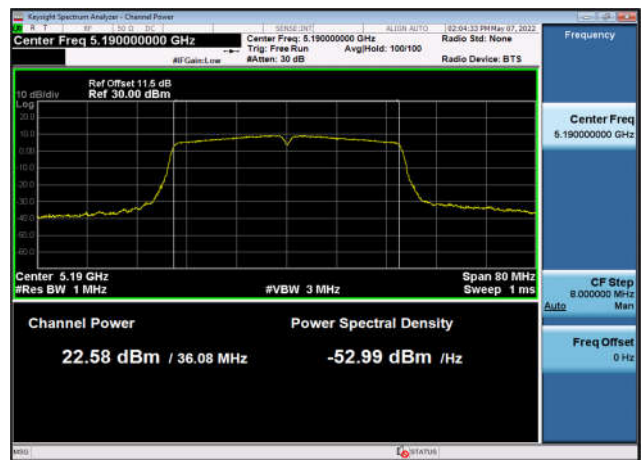
U-NII-1 Output Power-802.11ax(20MHz)
,5220MHz,Ant0



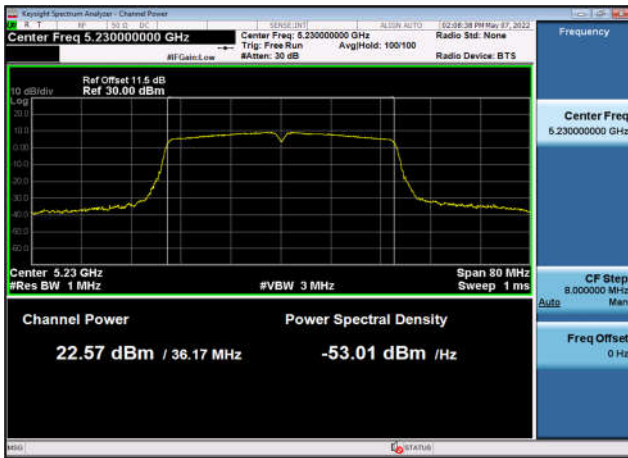
U-NII-1 Output Power-802.11ax(20MHz)
,5240MHz,Ant0



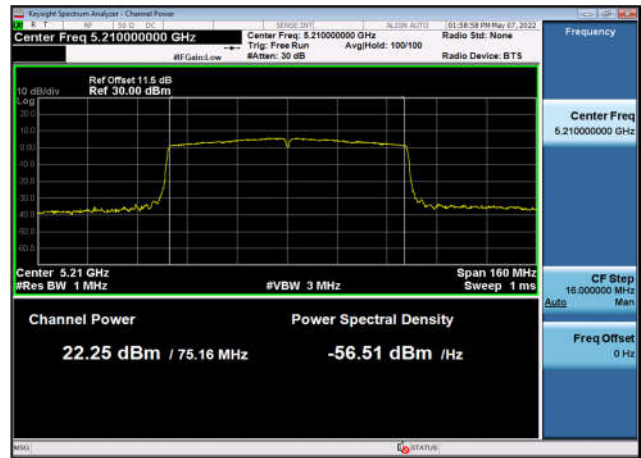
U-NII-1 Output Power-802.11ax(40MHz)
,5190MHz,Ant0



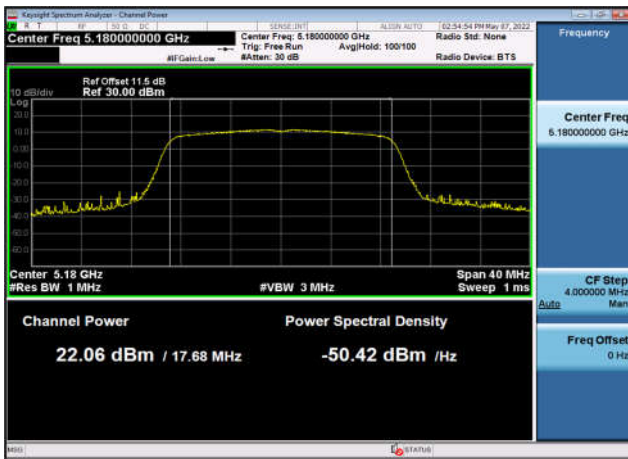
U-NII-1 Output Power-802.11ax(40MHz)
,5230MHz,Ant0



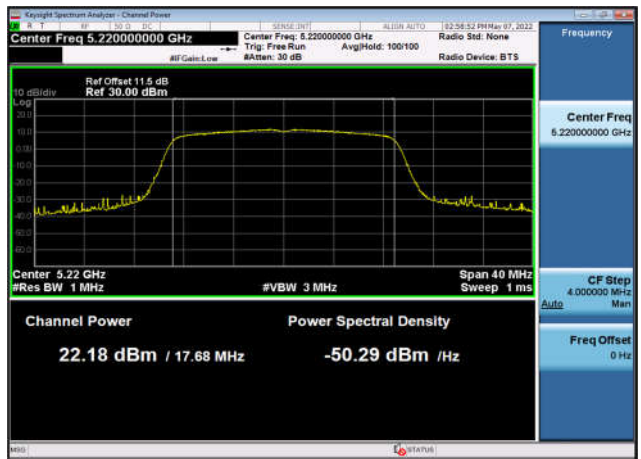
U-NII-1 Output Power-802.11ax(80MHz)
,5210MHz,Ant0



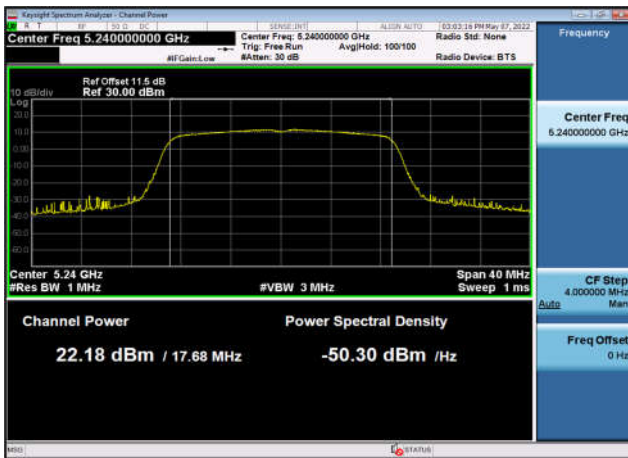
U-NII-1 Output Power-802.11n(20MHz)
,5180MHz,Ant1



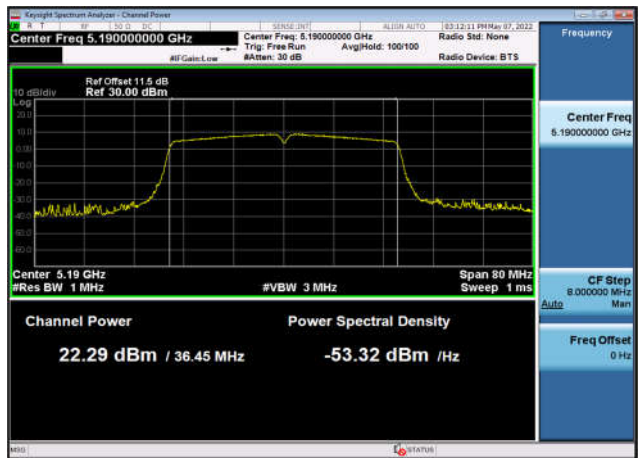
U-NII-1 Output Power-802.11n(20MHz)
,5220MHz,Ant1



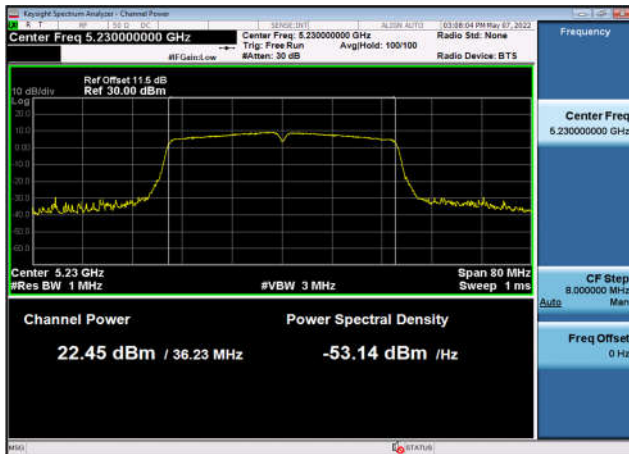
U-NII-1 Output Power-802.11n(20MHz)
,5240MHz,Ant1



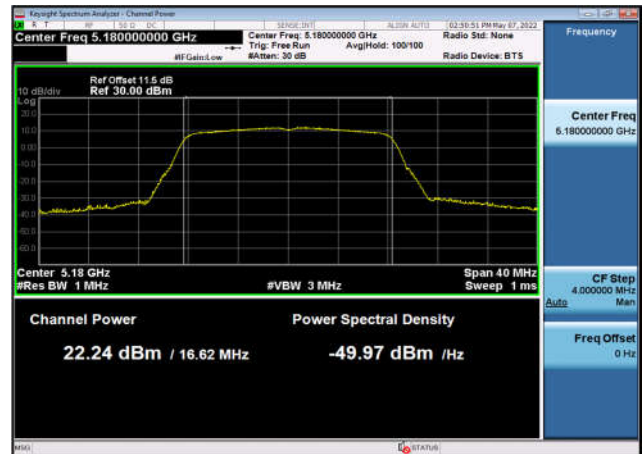
U-NII-1 Output Power-802.11n(40MHz)
,5190MHz,Ant1



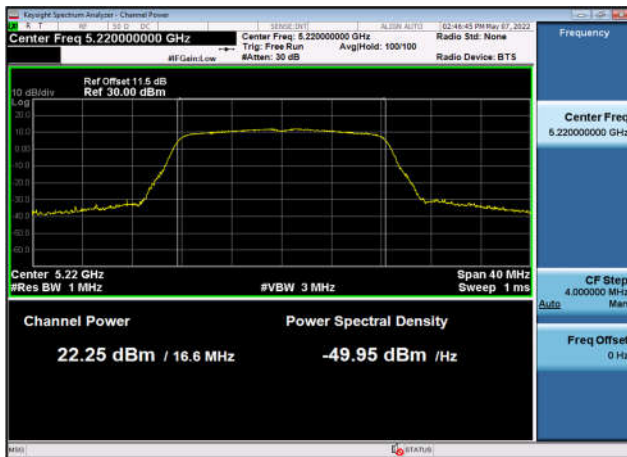
U-NII-1 Output Power-802.11n(40MHz)
,5230MHz,Ant1



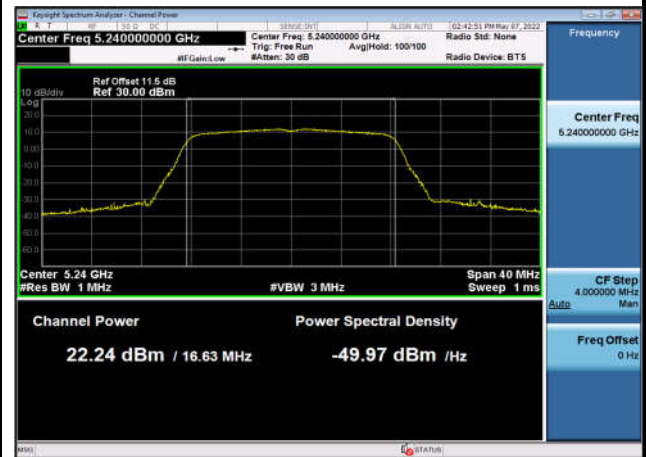
U-NII-1 Output Power-802.11a(20MHz)
,5180MHz,Ant1



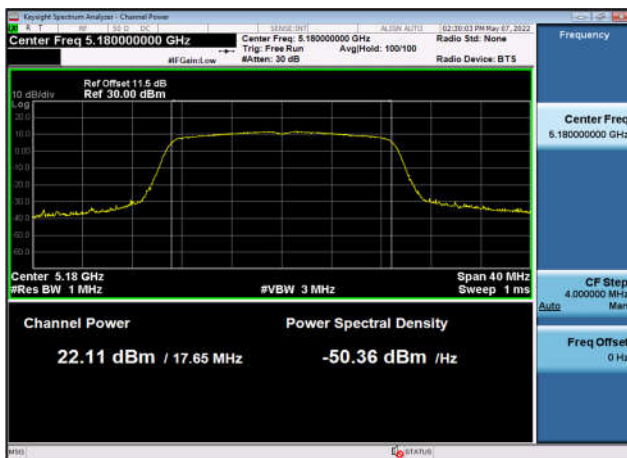
U-NII-1 Output Power-802.11a(20MHz)
,5220MHz,Ant1



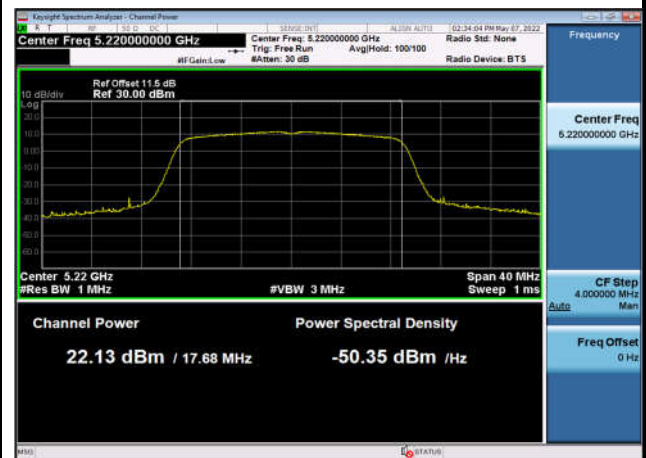
U-NII-1 Output Power-802.11a(20MHz)
,5240MHz,Ant1



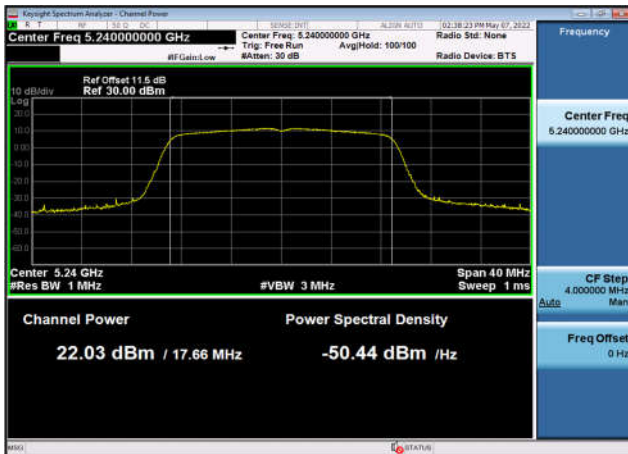
U-NII-1 Output Power-802.11ac(20MHz)
,5180MHz,Ant1



U-NII-1 Output Power-802.11ac(20MHz)
,5220MHz,Ant1



U-NII-1 Output Power-802.11ac(20MHz)
,5240MHz,Ant1



U-NII-1 Output Power-802.11ac(40MHz)
,5190MHz,Ant1



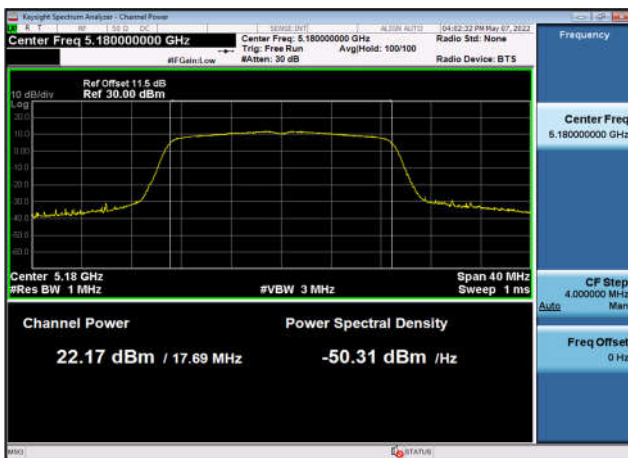
U-NII-1 Output Power-802.11ac(40MHz)
,5230MHz,Ant1



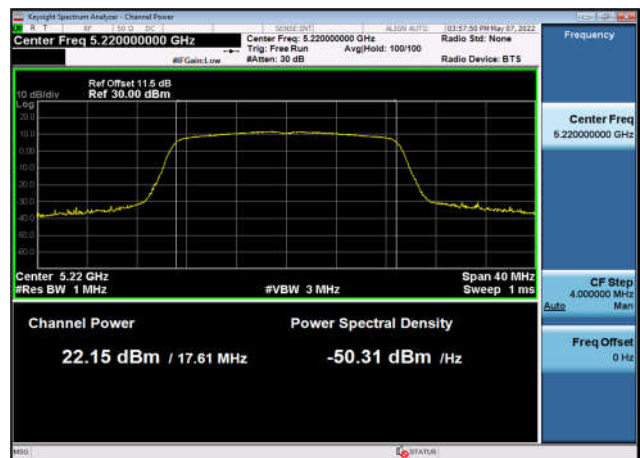
U-NII-1 Output Power-802.11ac(80MHz)
,5210MHz,Ant1



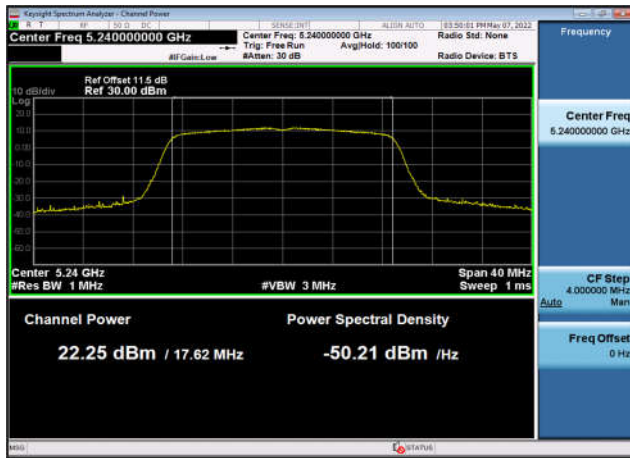
U-NII-1 Output Power-802.11ax(20MHz)
,5180MHz,Ant1



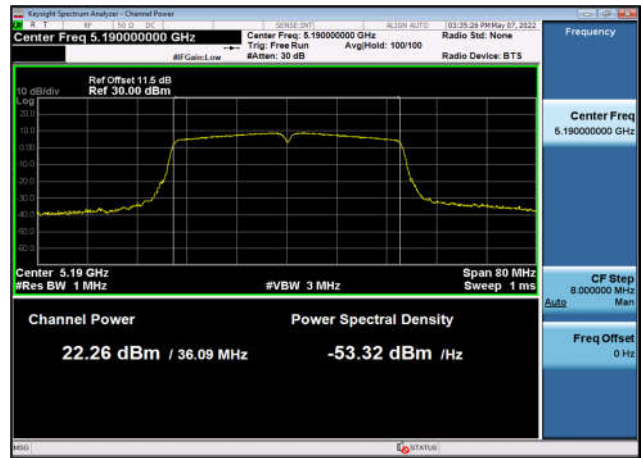
U-NII-1 Output Power-802.11ax(20MHz)
,5220MHz,Ant1



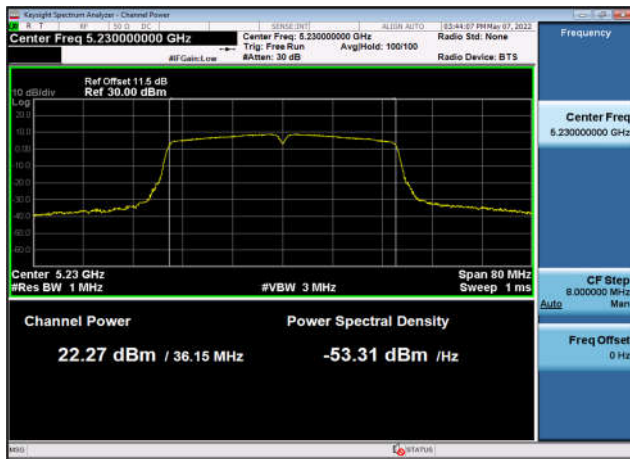
U-NII-1 Output Power-802.11ax(20MHz)
,5240MHz,Ant1



U-NII-1 Output Power-802.11ax(40MHz)
,5190MHz,Ant1



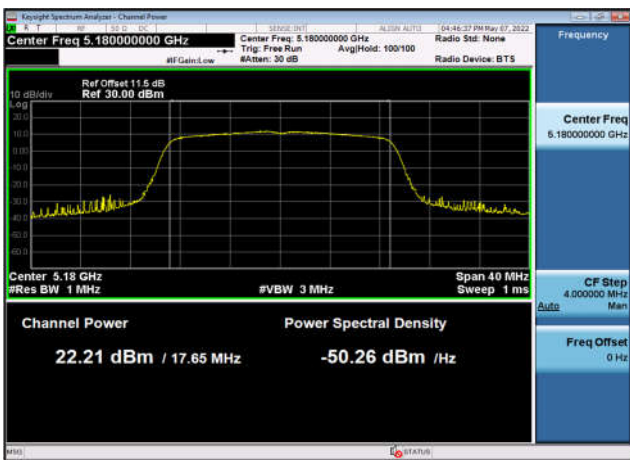
U-NII-1 Output Power-802.11ax(40MHz)
,5230MHz,Ant1



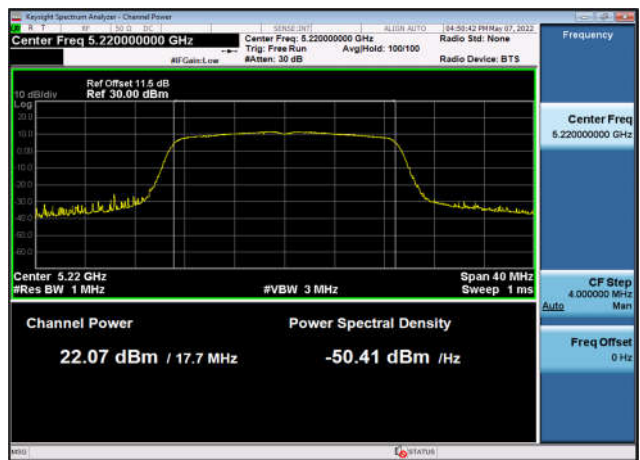
U-NII-1 Output Power-802.11ax(80MHz)
,5210MHz,Ant1



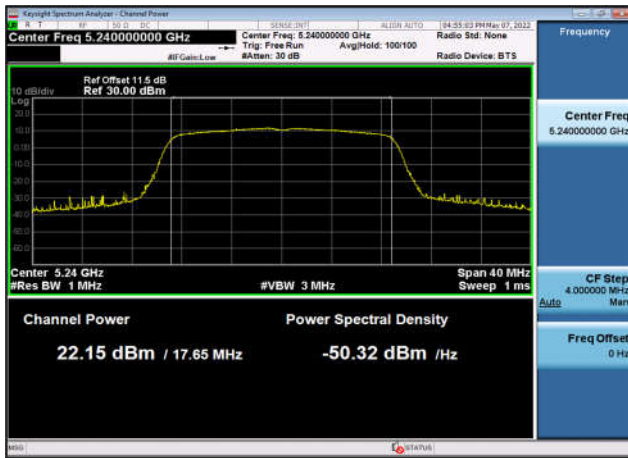
U-NII-1 Output Power-802.11n(20MHz)
,5180MHz,Ant2



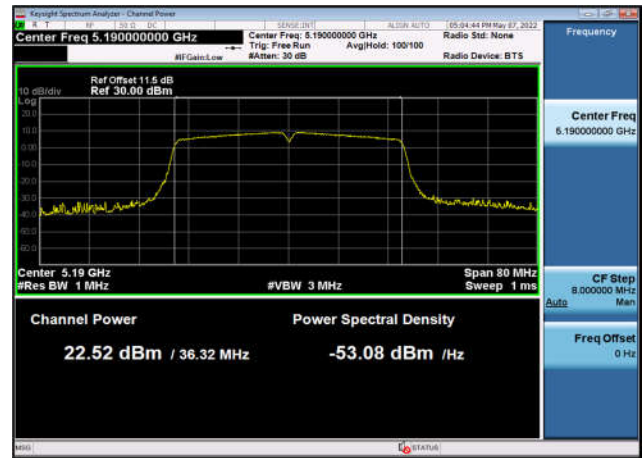
U-NII-1 Output Power-802.11n(20MHz)
,5220MHz,Ant2



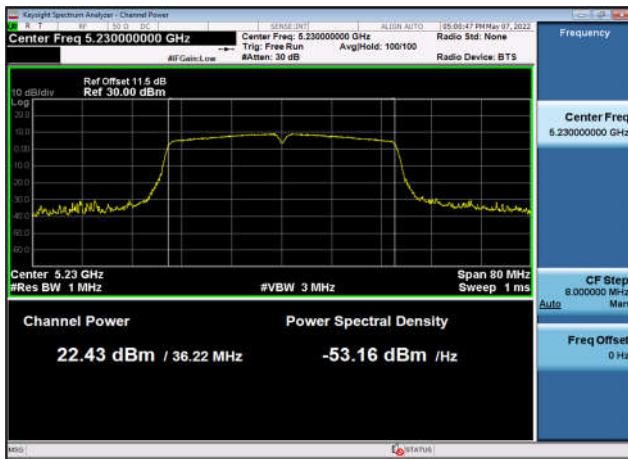
U-NII-1 Output Power-802.11n(20MHz)
,5240MHz,Ant2



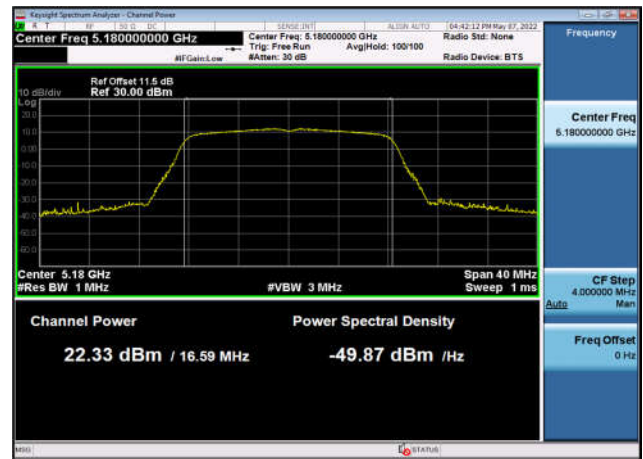
U-NII-1 Output Power-802.11n(40MHz)
,5190MHz,Ant2



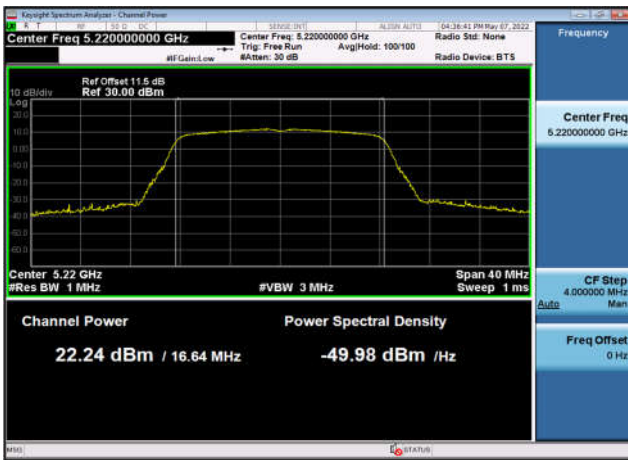
U-NII-1 Output Power-802.11n(40MHz)
,5230MHz,Ant2



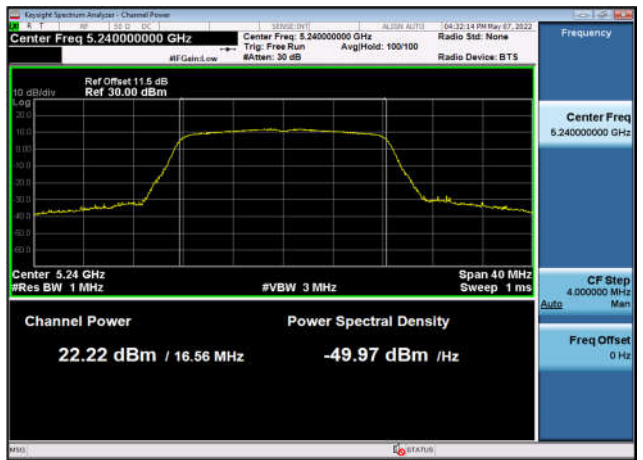
U-NII-1 Output Power-802.11a(20MHz)
,5180MHz,Ant2



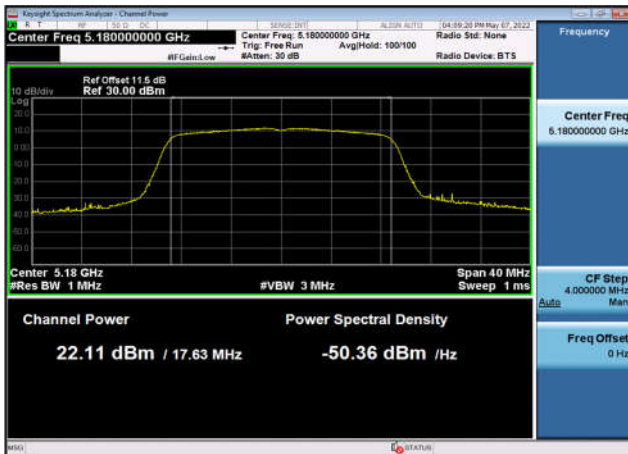
U-NII-1 Output Power-802.11a(20MHz)
,5220MHz,Ant2



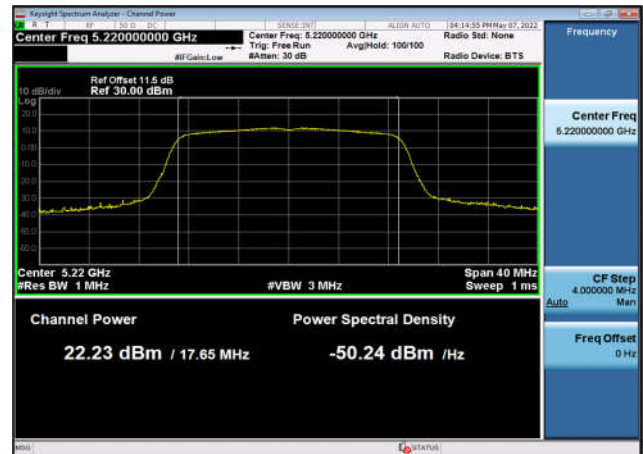
U-NII-1 Output Power-802.11a(20MHz)
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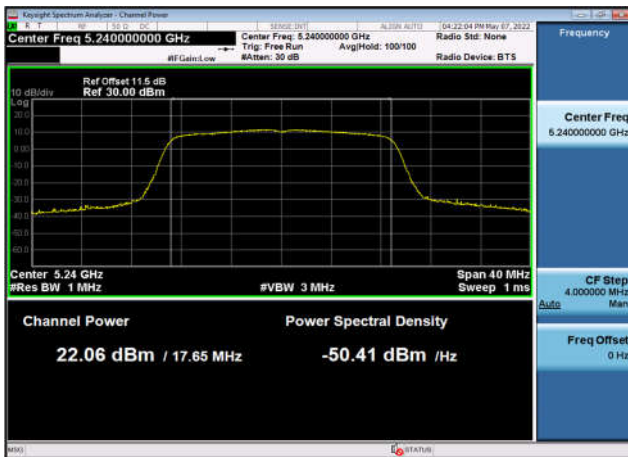
U-NII-1 Output Power-802.11ac(20MHz)
,5180MHz,Ant2



U-NII-1 Output Power-802.11ac(20MHz)
,5220MHz,Ant2



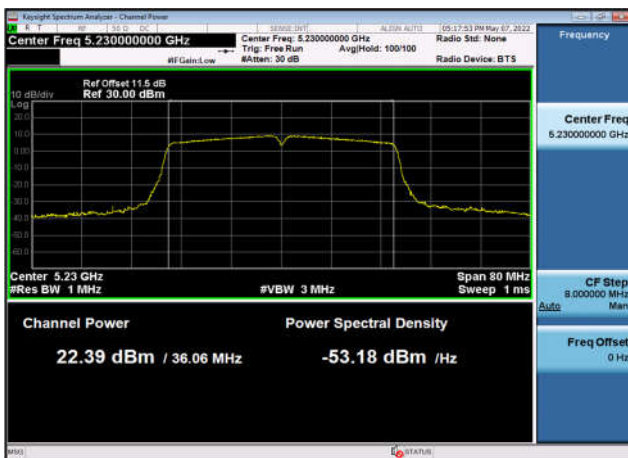
U-NII-1 Output Power-802.11ac(20MHz)
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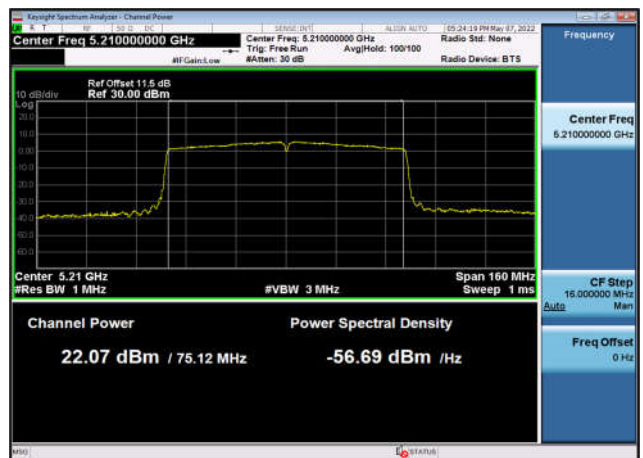
U-NII-1 Output Power-802.11ac(40MHz)
,5190MHz,Ant2



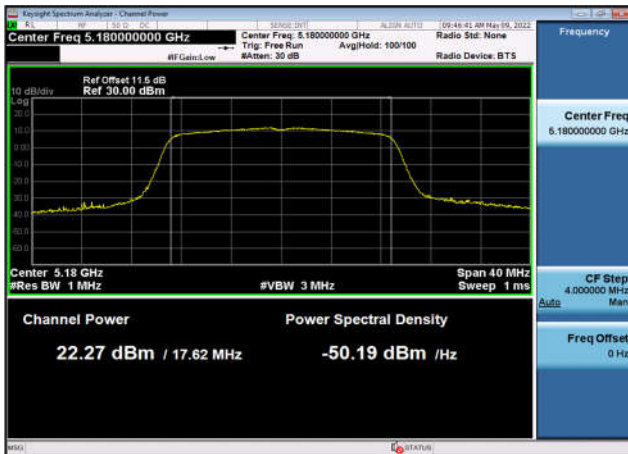
U-NII-1 Output Power-802.11ac(40MHz)
,5230MHz,Ant2



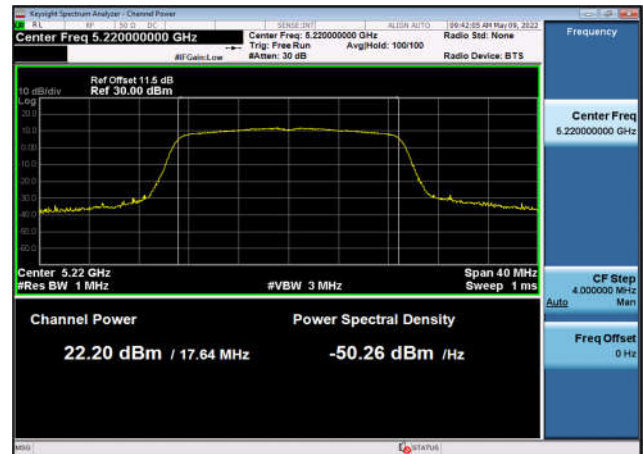
U-NII-1 Output Power-802.11ac(80MHz)
,5210MHz,Ant2



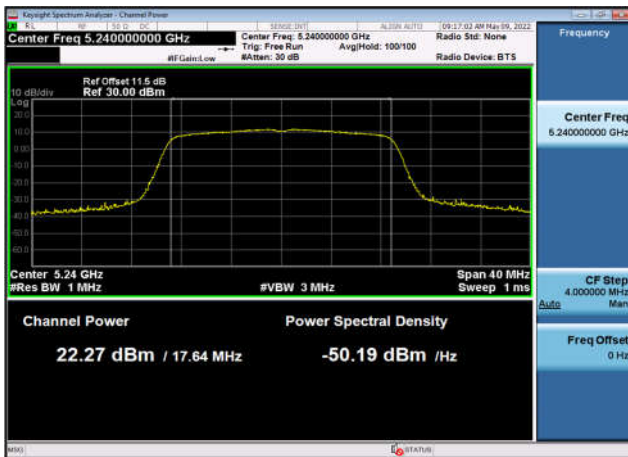
U-NII-1 Output Power-802.11ax(20MHz)
,5180MHz,Ant2



U-NII-1 Output Power-802.11ax(20MHz)
,5220MHz,Ant2



U-NII-1 Output Power-802.11ax(20MHz)
,5240MHz,Ant2



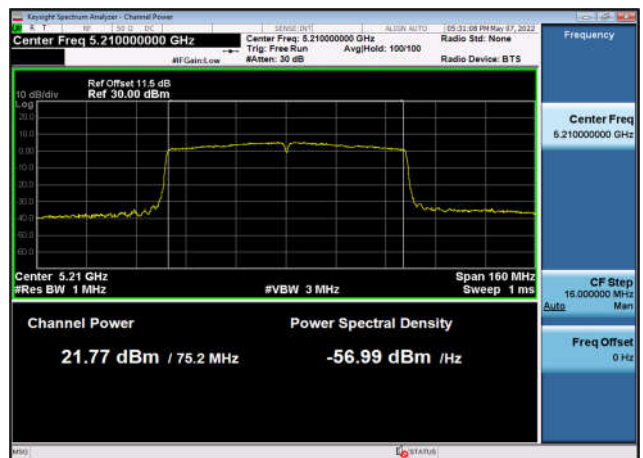
U-NII-1 Output Power-802.11ax(40MHz)
,5190MHz,Ant2

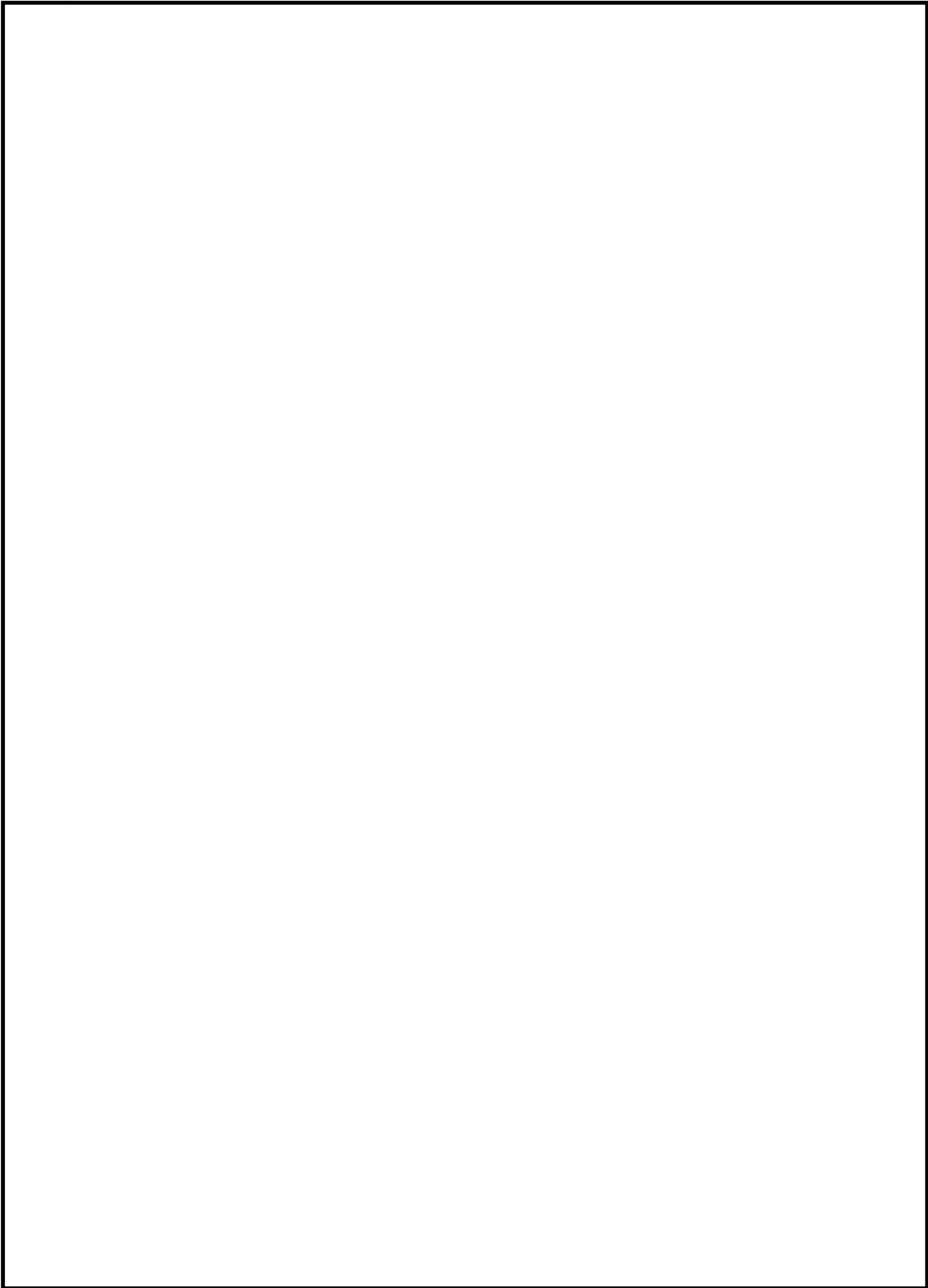


U-NII-1 Output Power-802.11ax(40MHz)
,5230MHz,Ant2

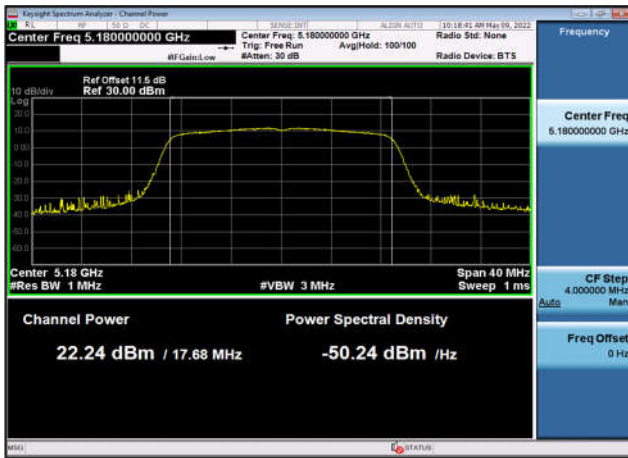


U-NII-1 Output Power-802.11ax(80MHz)
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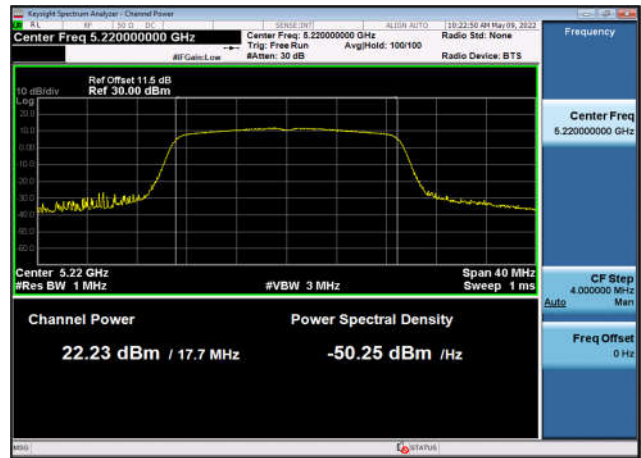




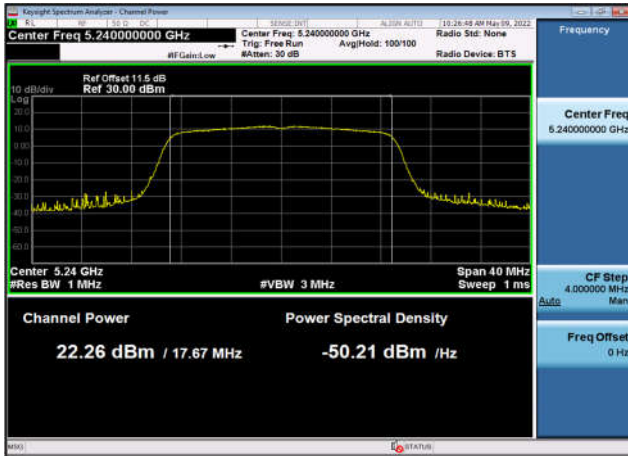
U-NII-1 Output Power-802.11n(20MHz)
,5180MHz,Ant3



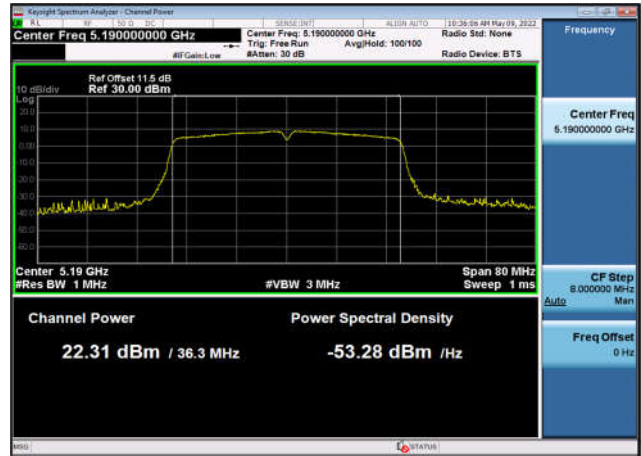
U-NII-1 Output Power-802.11n(20MHz)
,5220MHz,Ant3



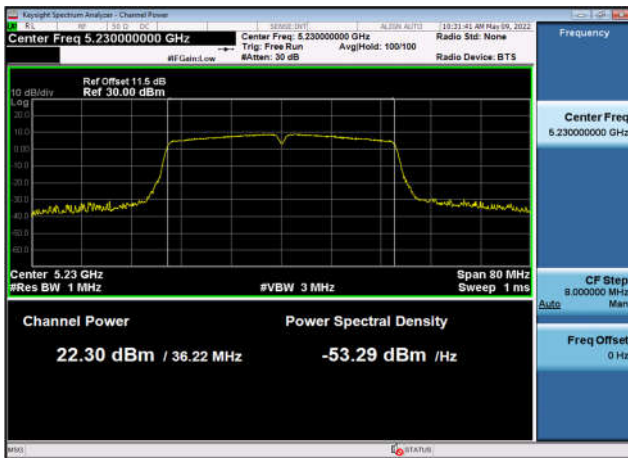
U-NII-1 Output Power-802.11n(20MHz)
,5240MHz,Ant3



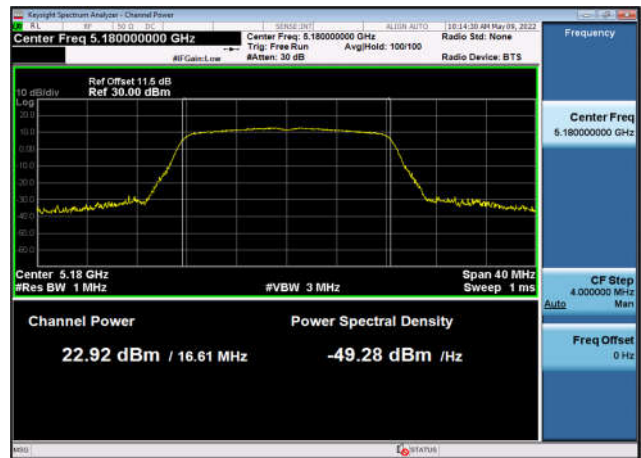
U-NII-1 Output Power-802.11n(40MHz)
,5190MHz,Ant3



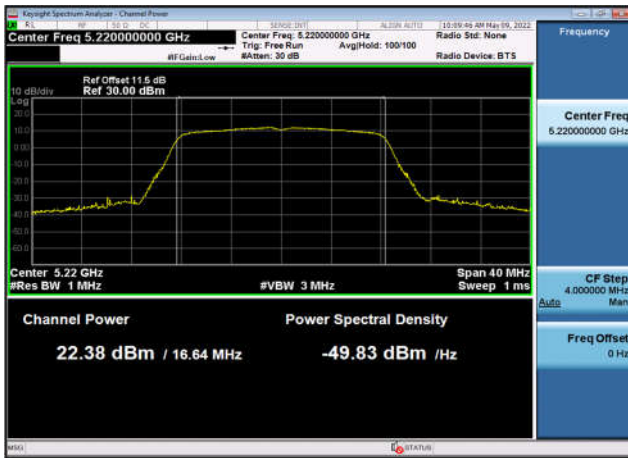
U-NII-1 Output Power-802.11n(40MHz)
,5230MHz,Ant3



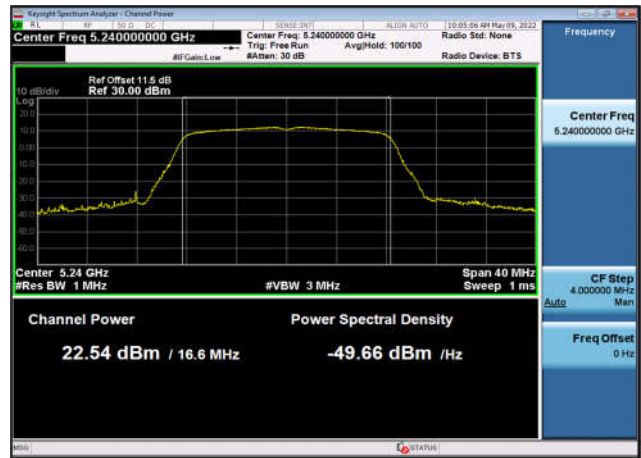
U-NII-1 Output Power-802.11a(20MHz)
,5180MHz,Ant3



U-NII-1 Output Power-802.11a(20MHz)
,5220MHz,Ant3



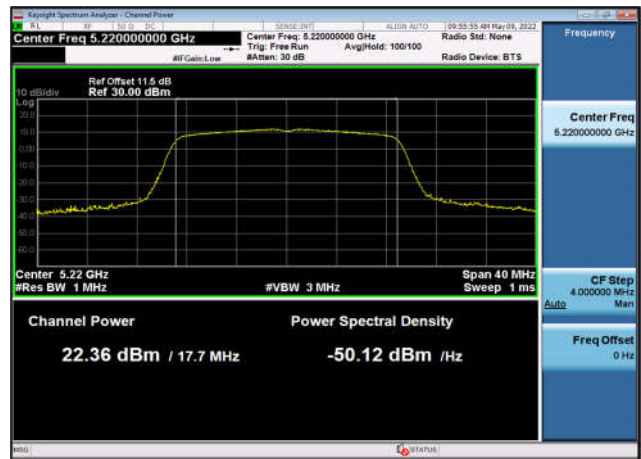
U-NII-1 Output Power-802.11a(20MHz)
,5240MHz,Ant3



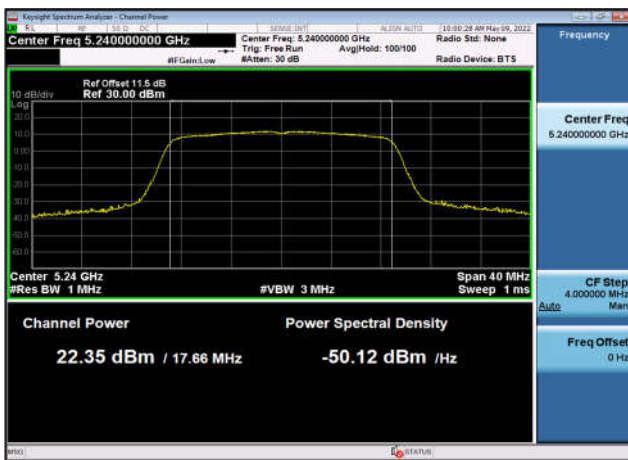
U-NII-1 Output Power-802.11ac(20MHz)
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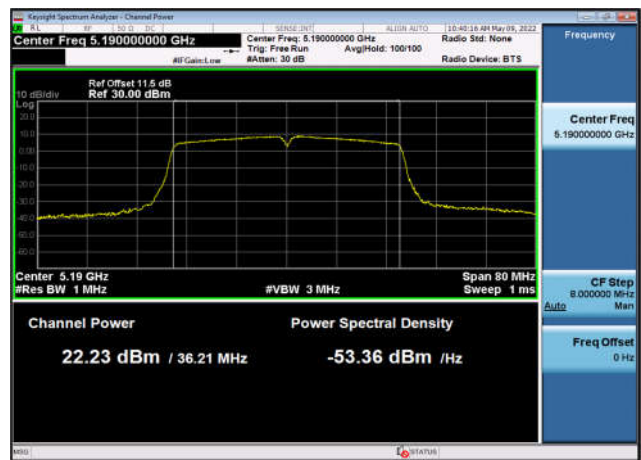
U-NII-1 Output Power-802.11ac(20MHz)
,5220MHz,Ant3



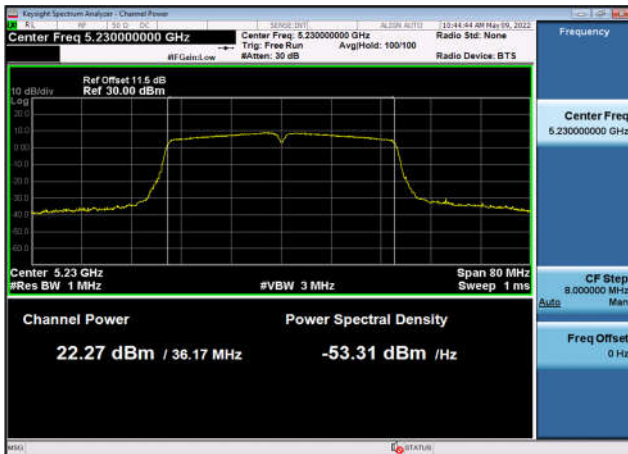
U-NII-1 Output Power-802.11ac(20MHz)
,5240MHz,Ant3



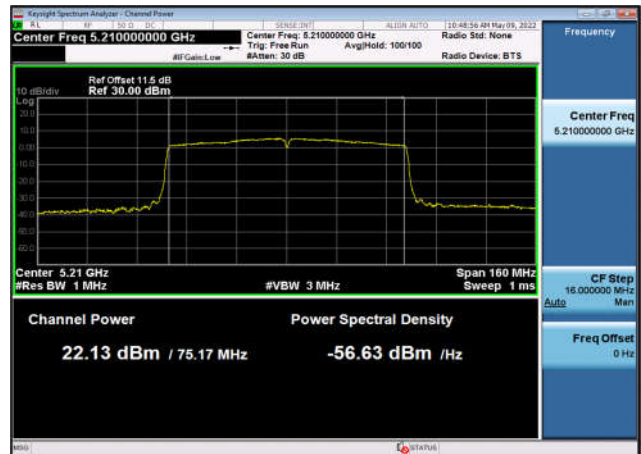
U-NII-1 Output Power-802.11ac(40MHz)
,5190MHz,Ant3



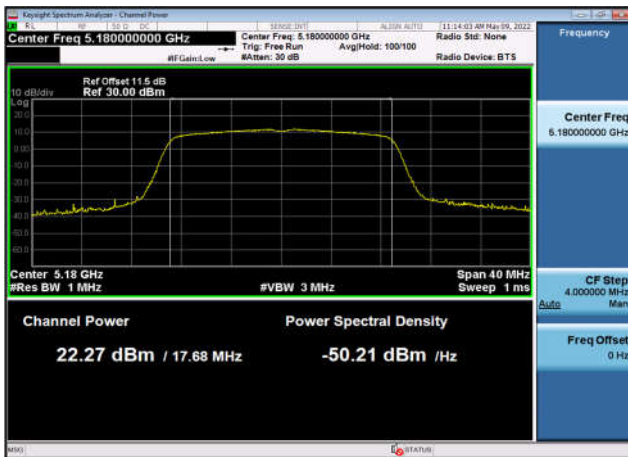
U-NII-1 Output Power-802.11ac(40MHz)
,5230MHz,Ant3



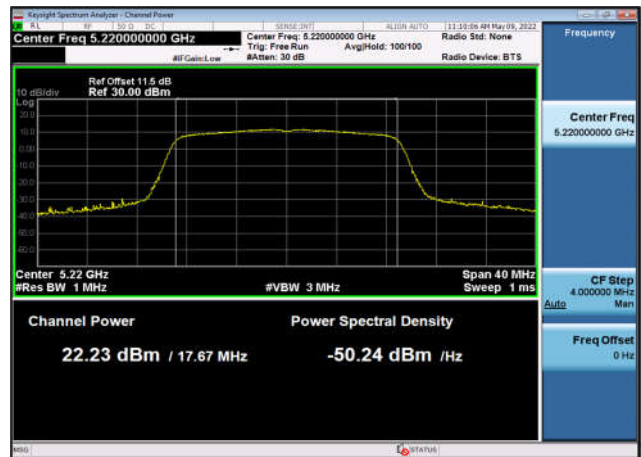
U-NII-1 Output Power-802.11ac(80MHz)
,5210MHz,Ant3



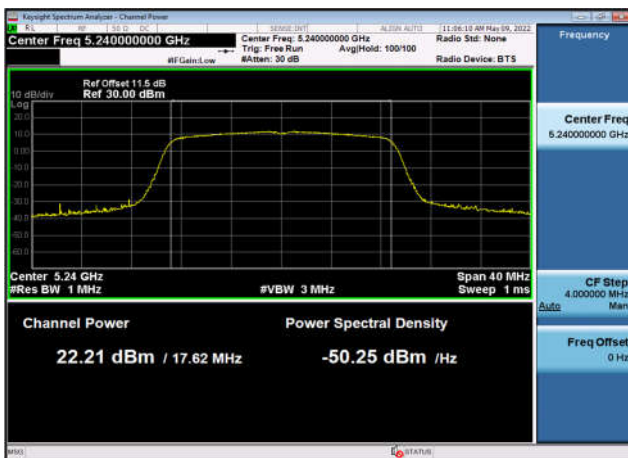
U-NII-1 Output Power-802.11ax(20MHz)
,5180MHz,Ant3



U-NII-1 Output Power-802.11ax(20MHz)
,5220MHz,Ant3



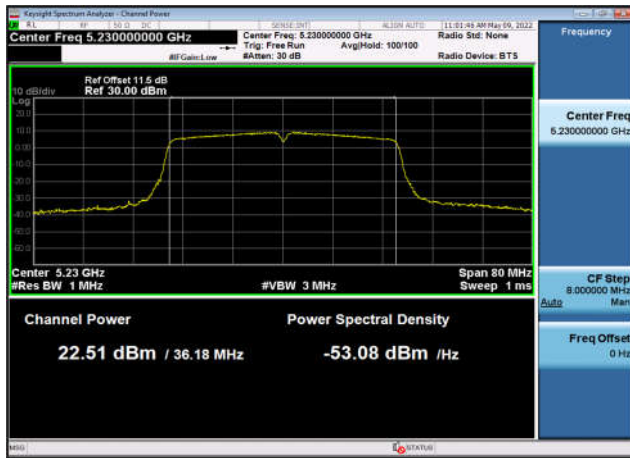
U-NII-1 Output Power-802.11ax(20MHz)
,5240MHz,Ant3



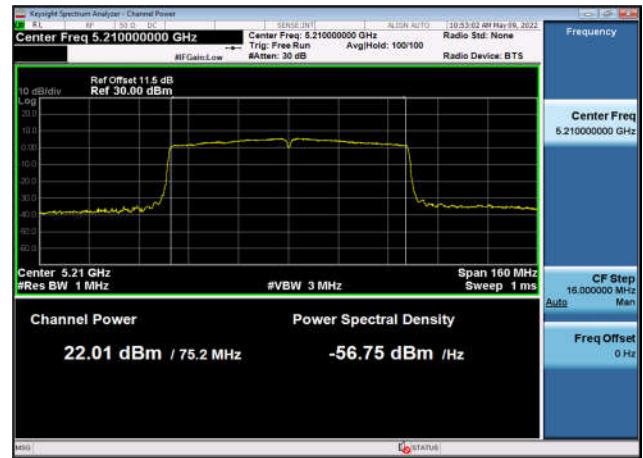
U-NII-1 Output Power-802.11ax(40MHz)
,5190MHz,Ant3



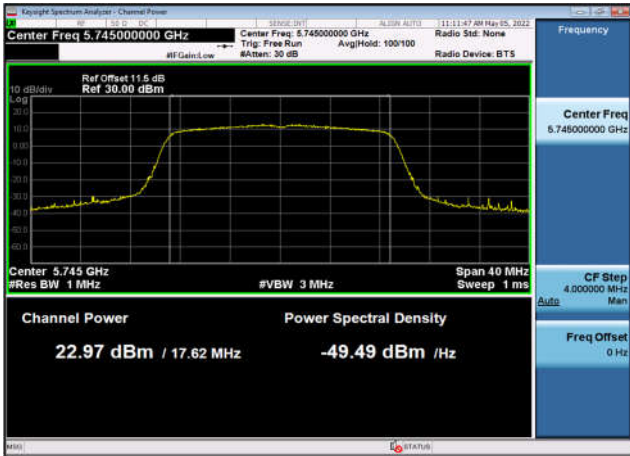
U-NII-1 Output Power-802.11ax(40MHz)
,5230MHz,Ant3



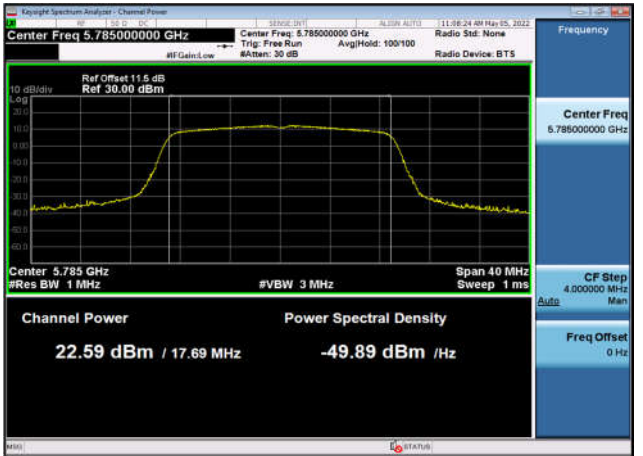
U-NII-1 Output Power-802.11ax(80MHz)
,5210MHz,Ant3



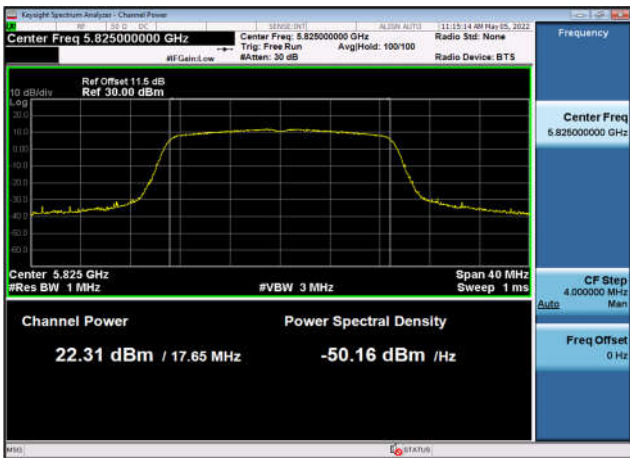
U-NII-3 Output Power-802.11n(20MHz)
,5745MHz,Ant0



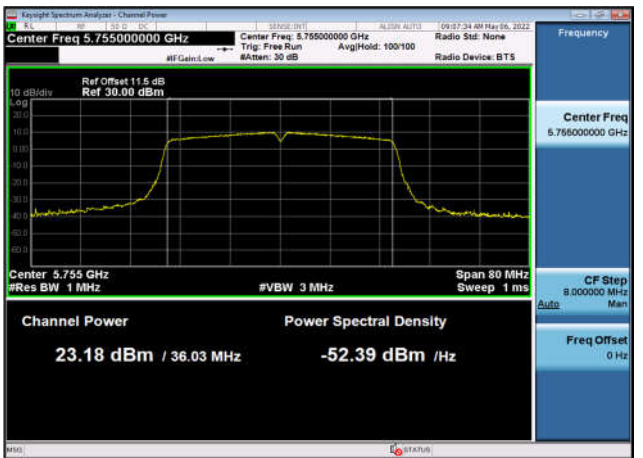
U-NII-3 Output Power-802.11n(20MHz)
,5785MHz,Ant0



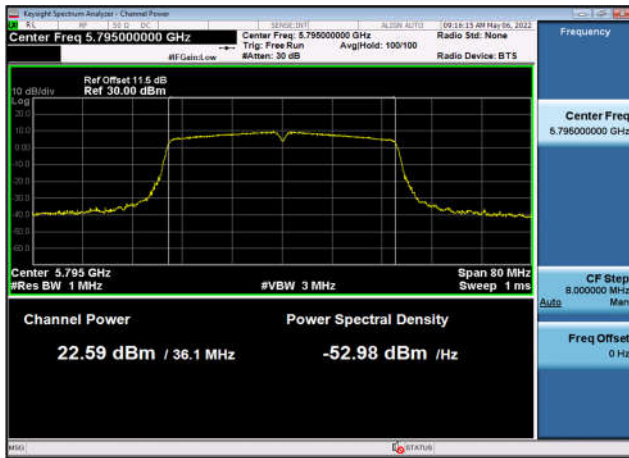
U-NII-3 Output Power-802.11n(20MHz)
,5825MHz,Ant0



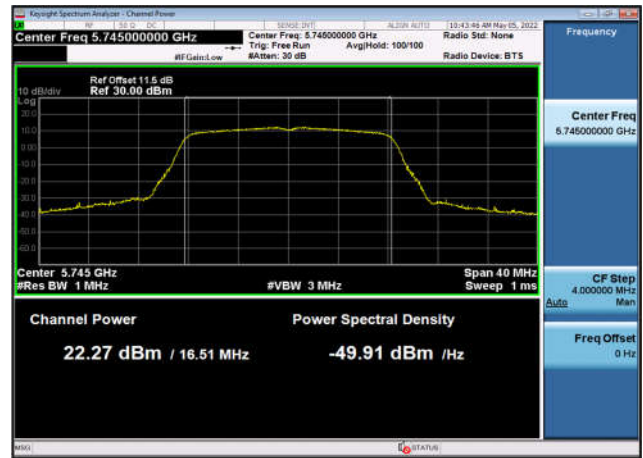
U-NII-3 Output Power-802.11n(40MHz)
,5755MHz,Ant0



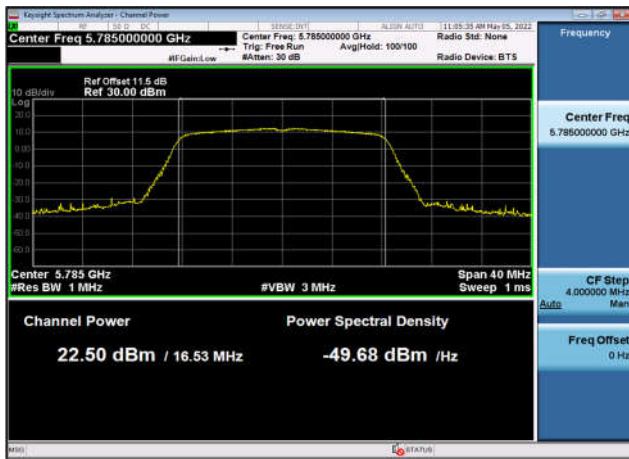
U-NII-3 Output Power-802.11n(40MHz)
,5795MHz,Ant0



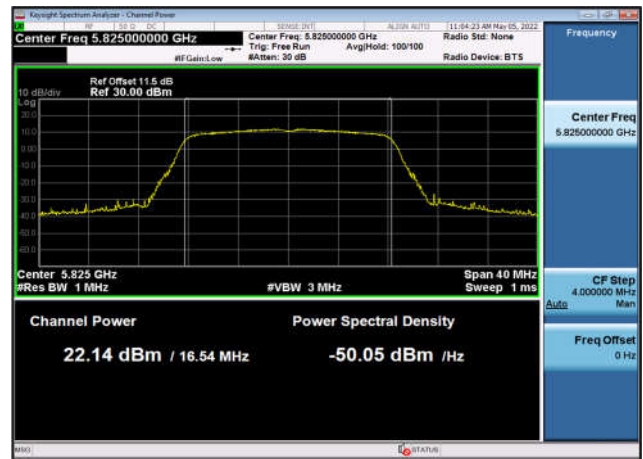
U-NII-3 Output Power-802.11a(20MHz)
,5745MHz,Ant0



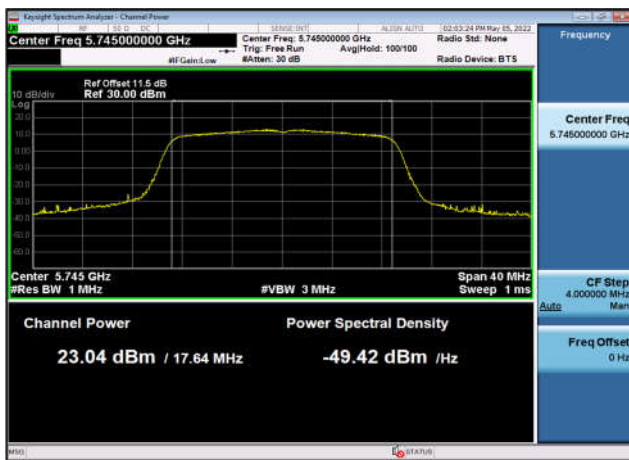
U-NII-3 Output Power-802.11a(20MHz)
,5785MHz,Ant0



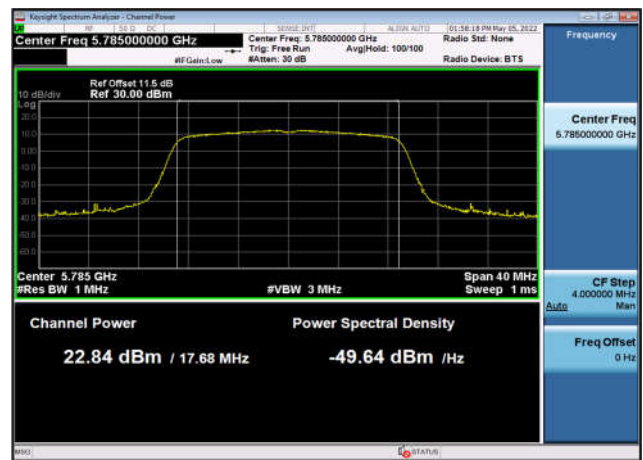
U-NII-3 Output Power-802.11a(20MHz)
,5825MHz,Ant0



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



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



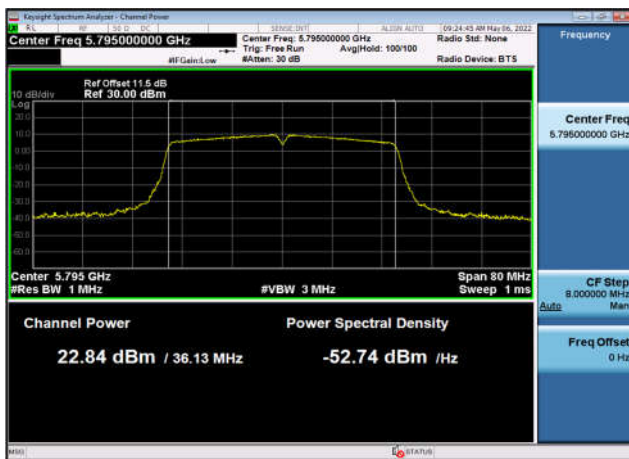
U-NII-3 Output Power-802.11ac(20MHz)
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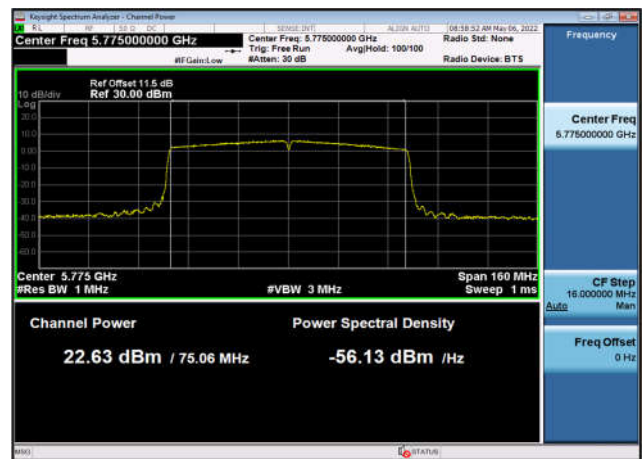
U-NII-3 Output Power-802.11ac(40MHz)
,5755MHz,Ant0



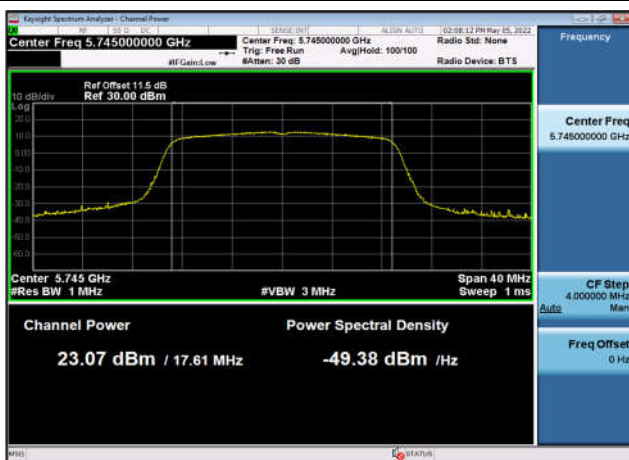
U-NII-3 Output Power-802.11ac(40MHz)
,5795MHz,Ant0



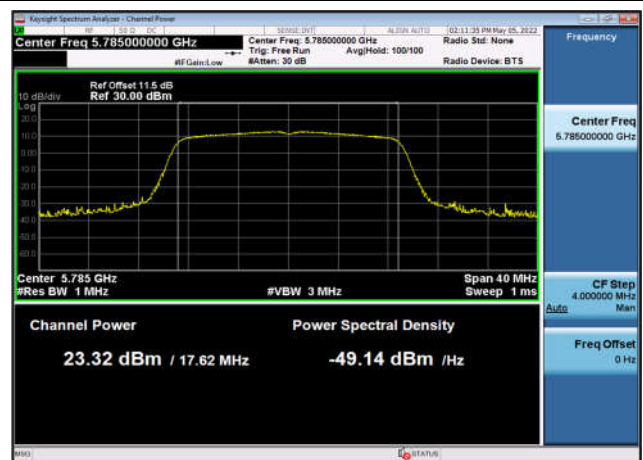
U-NII-3 Output Power-802.11ac(80MHz)
,5775MHz,Ant0



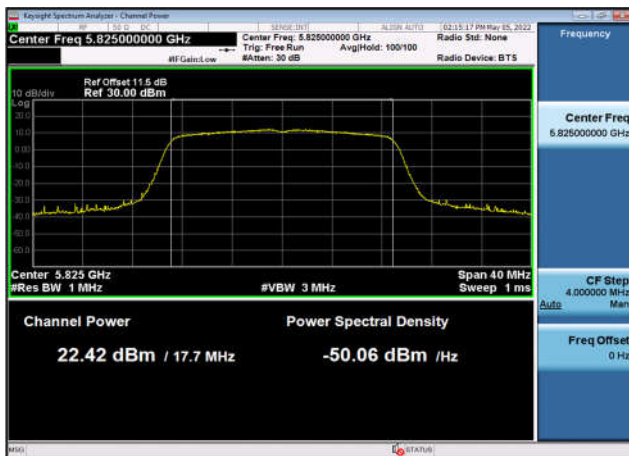
U-NII-3 Output Power-802.11ax(20MHz)
,5745MHz,Ant0



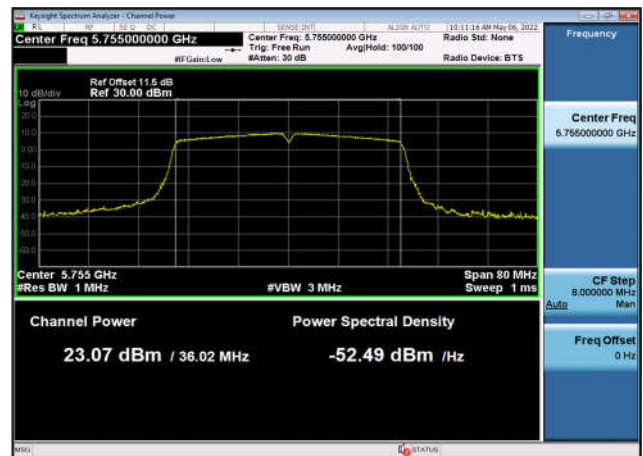
U-NII-3 Output Power-802.11ax(20MHz)
,5785MHz,Ant0



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



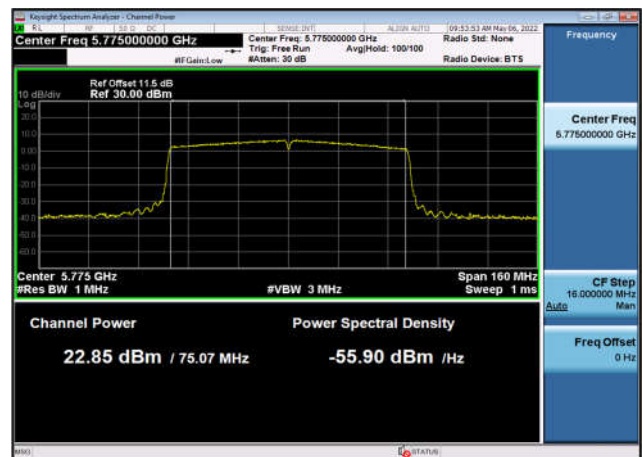
U-NII-3 Output Power-802.11ax(40MHz)
,5755MHz,Ant0



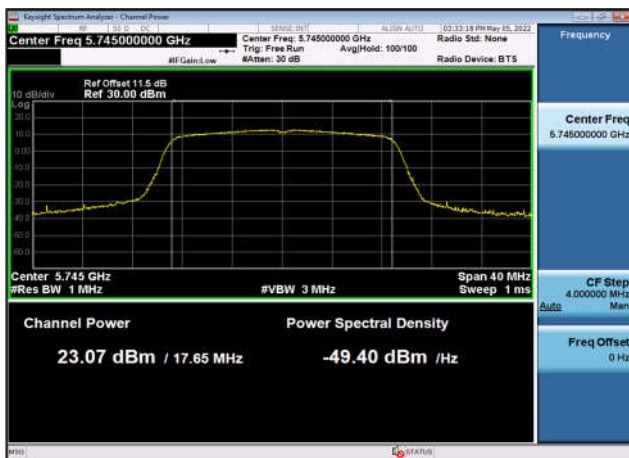
U-NII-3 Output Power-802.11ax(40MHz)
,5795MHz,Ant0



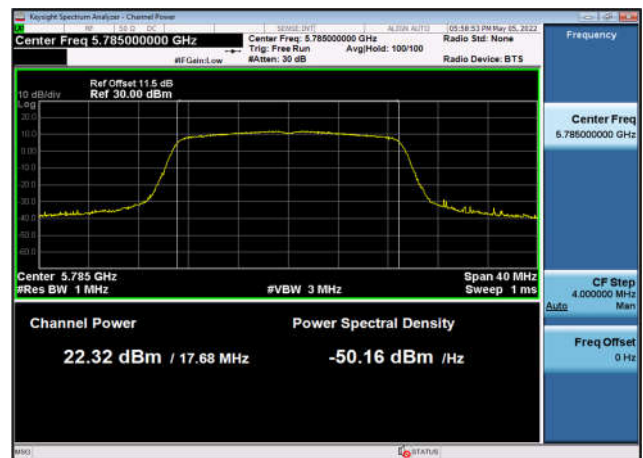
U-NII-3 Output Power-802.11ax(80MHz)
,5775MHz,Ant0



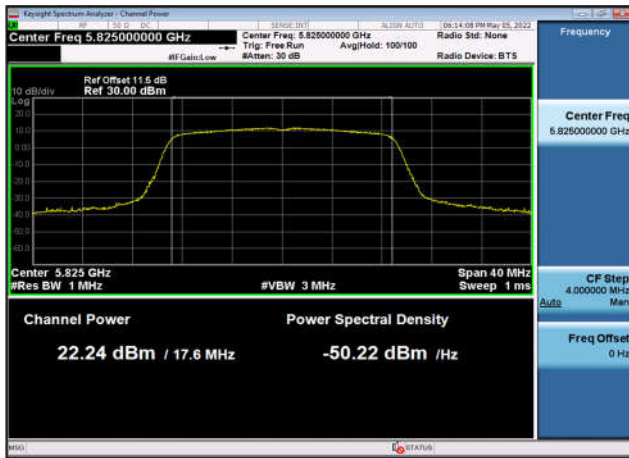
U-NII-3 Output Power-802.11n(20MHz)
,5745MHz,Ant1



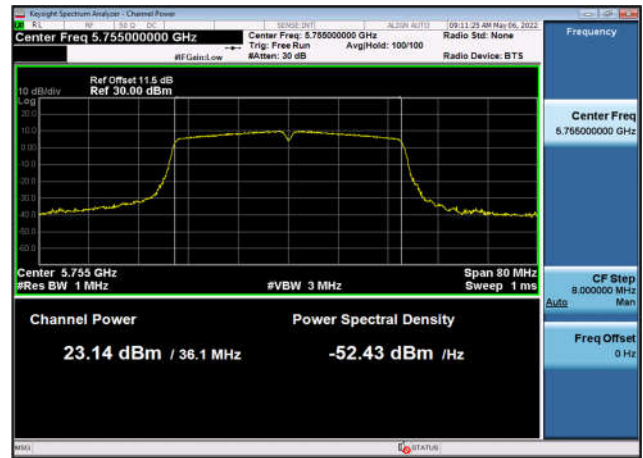
U-NII-3 Output Power-802.11n(20MHz)
,5785MHz,Ant1



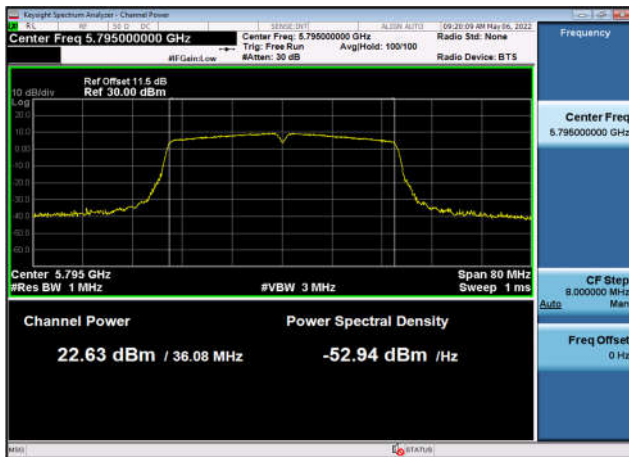
U-NII-3 Output Power-802.11n(20MHz)
,5825MHz,Ant1



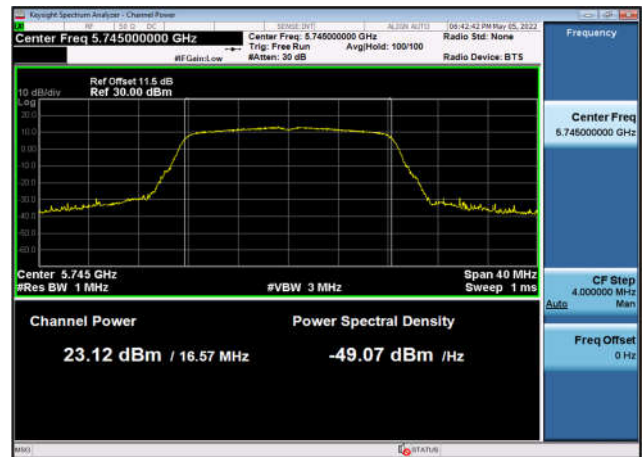
U-NII-3 Output Power-802.11n(40MHz)
,5755MHz,Ant1



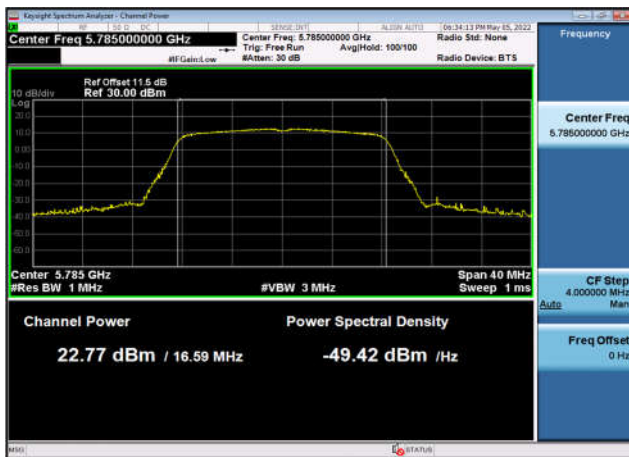
U-NII-3 Output Power-802.11n(40MHz)
,5795MHz,Ant1



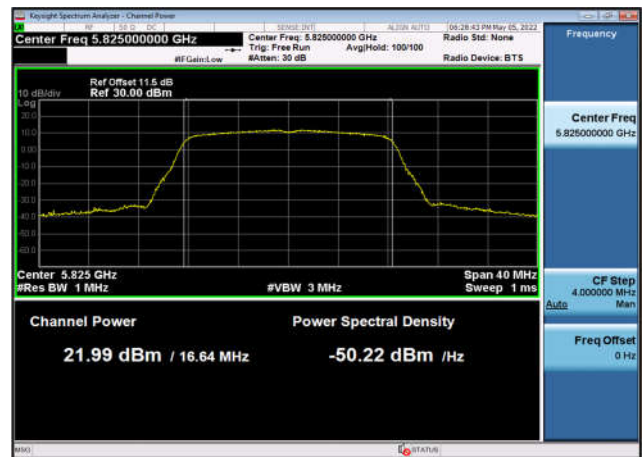
U-NII-3 Output Power-802.11a(20MHz)
,5745MHz,Ant1



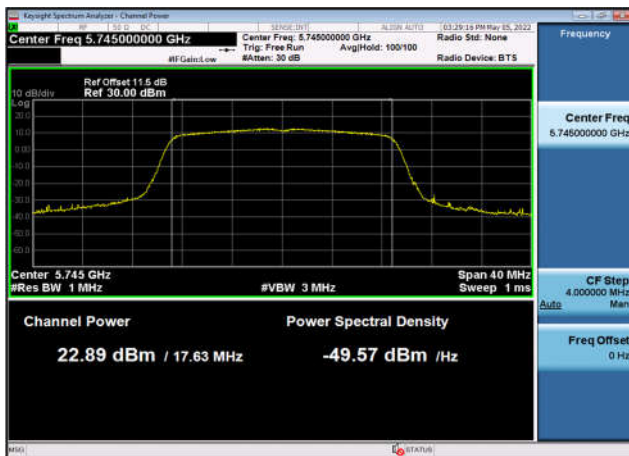
U-NII-3 Output Power-802.11a(20MHz)
,5785MHz,Ant1



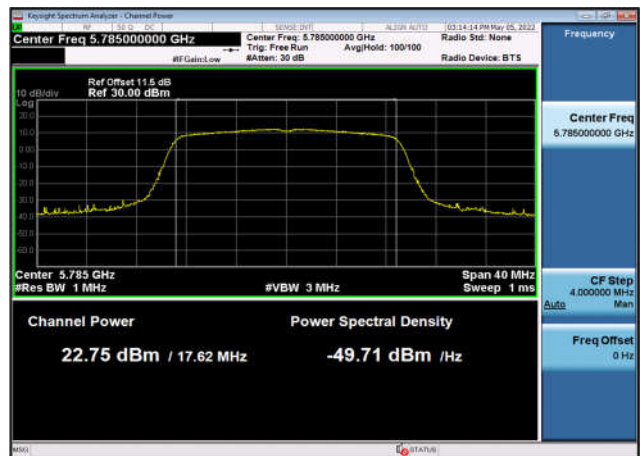
U-NII-3 Output Power-802.11a(20MHz)
,5825MHz,Ant1



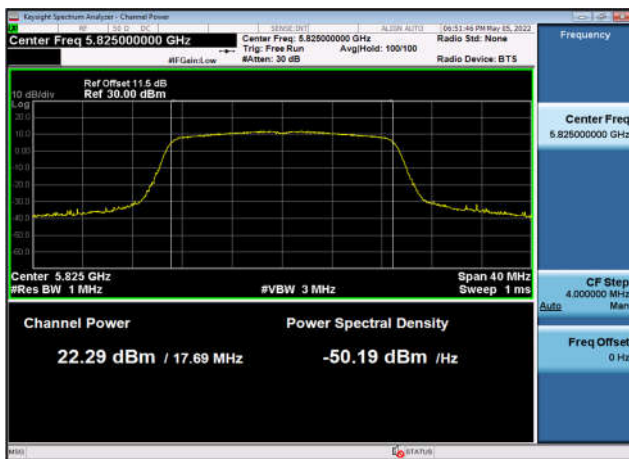
U-NII-3 Output Power-802.11ac(20MHz)
,5745MHz,Ant1



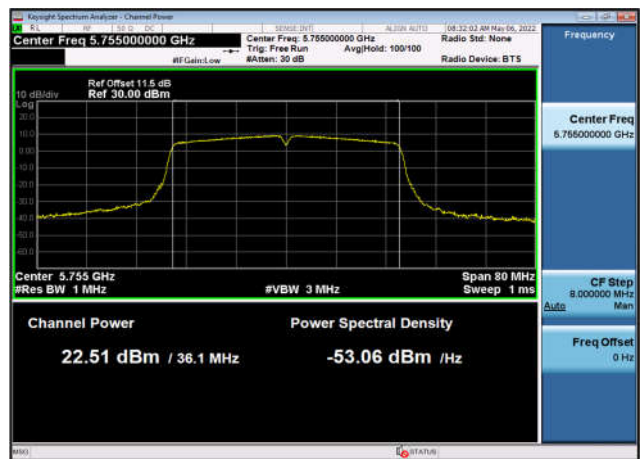
U-NII-3 Output Power-802.11ac(20MHz)
,5785MHz,Ant1



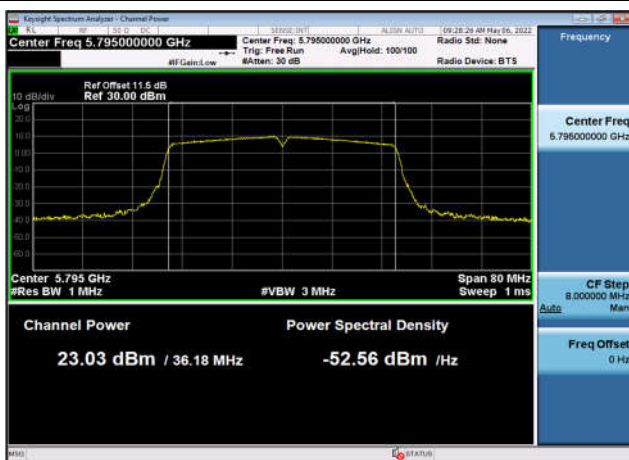
U-NII-3 Output Power-802.11ac(20MHz)
,5825MHz,Ant1



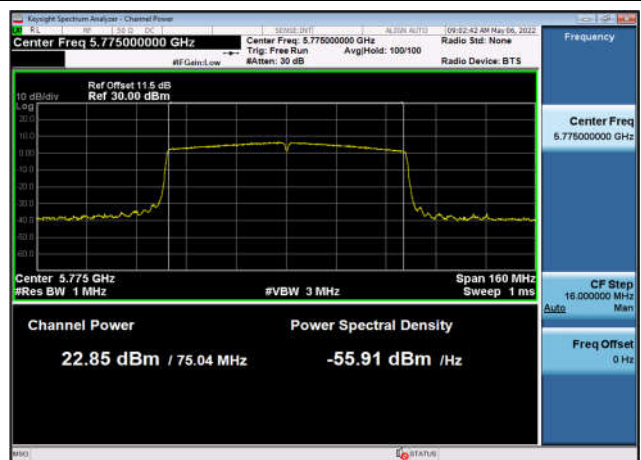
U-NII-3 Output Power-802.11ac(40MHz)
,5755MHz,Ant1



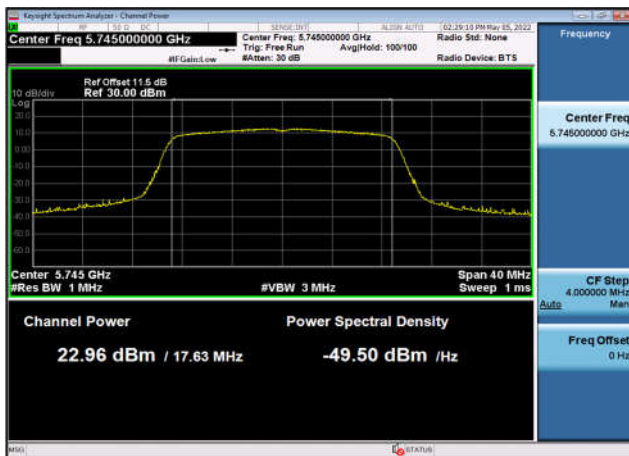
U-NII-3 Output Power-802.11ac(40MHz)
,5795MHz,Ant1



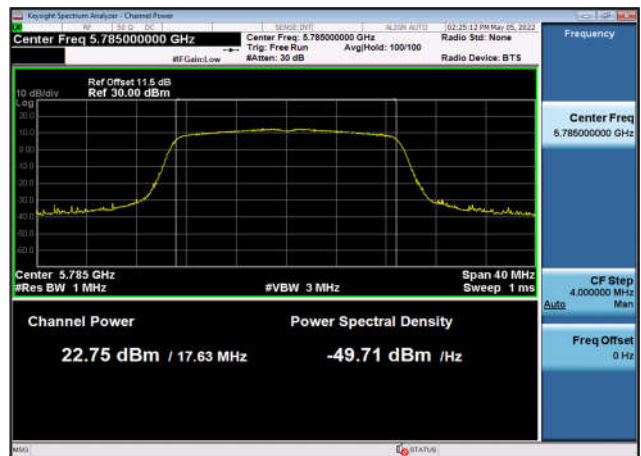
U-NII-3 Output Power-802.11ac(80MHz)
,5775MHz,Ant1



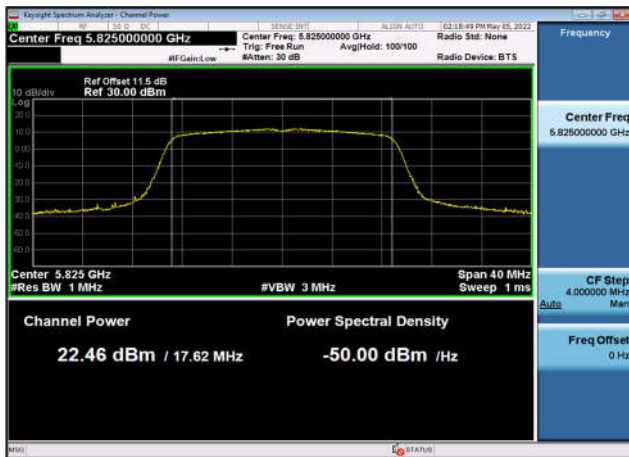
U-NII-3 Output Power-802.11ax(20MHz)
,5745MHz,Ant1



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



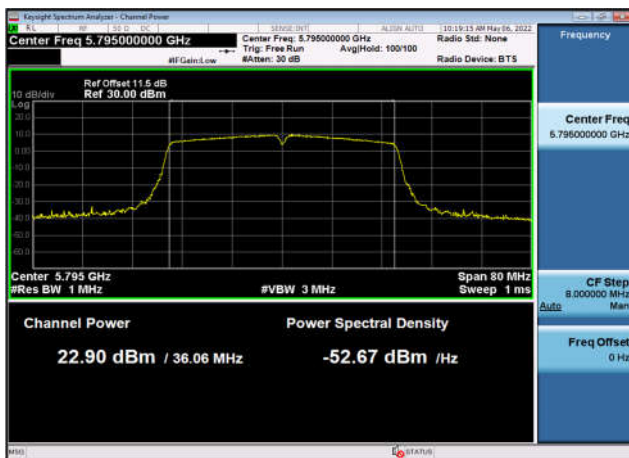
U-NII-3 Output Power-802.11ax(20MHz)
,5825MHz,Ant1



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



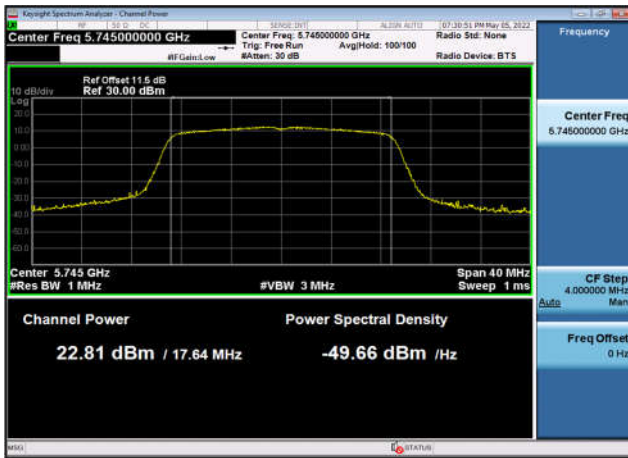
U-NII-3 Output Power-802.11ax(40MHz)
,5795MHz,Ant1



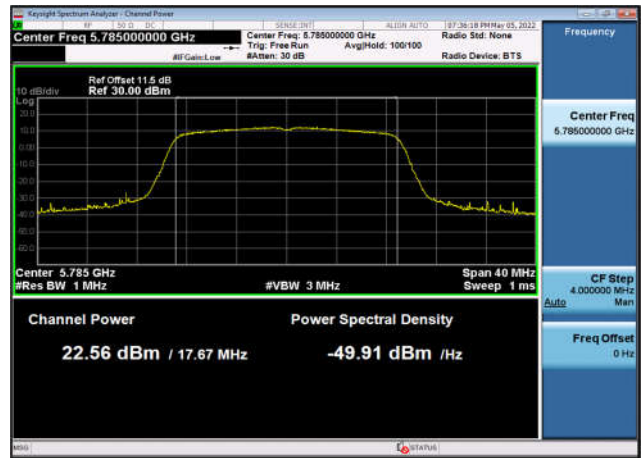
U-NII-3 Output Power-802.11ax(80MHz)
,5775MHz,Ant1



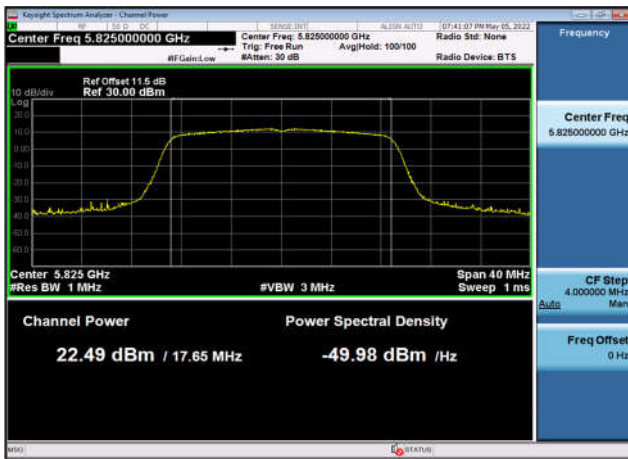
U-NII-3 Output Power-802.11n(20MHz)
,5745MHz,Ant2



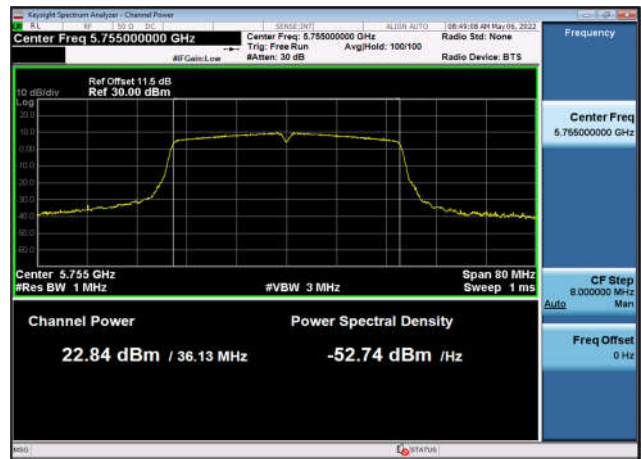
U-NII-3 Output Power-802.11n(20MHz)
,5785MHz,Ant2



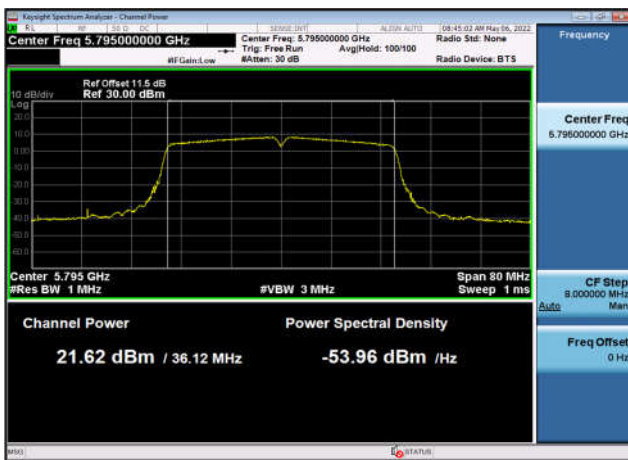
U-NII-3 Output Power-802.11n(20MHz)
,5825MHz,Ant2



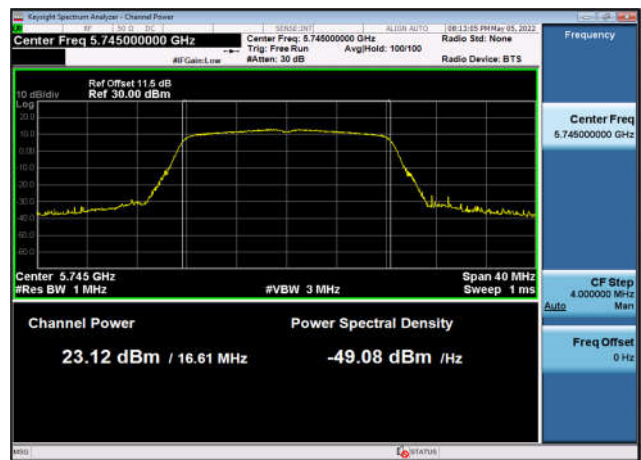
U-NII-3 Output Power-802.11n(40MHz)
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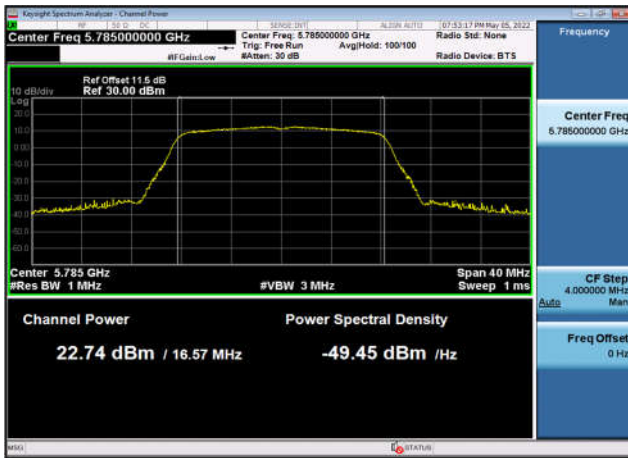
U-NII-3 Output Power-802.11n(40MHz)
,5795MHz,Ant2



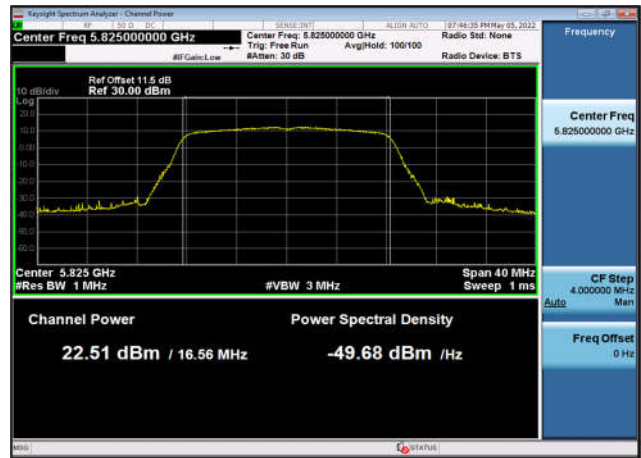
U-NII-3 Output Power-802.11a(20MHz)
,5745MHz,Ant2



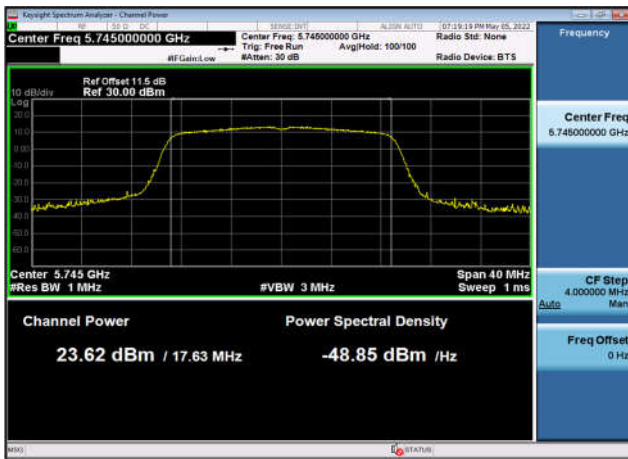
U-NII-3 Output Power-802.11a(20MHz)
,5785MHz,Ant2



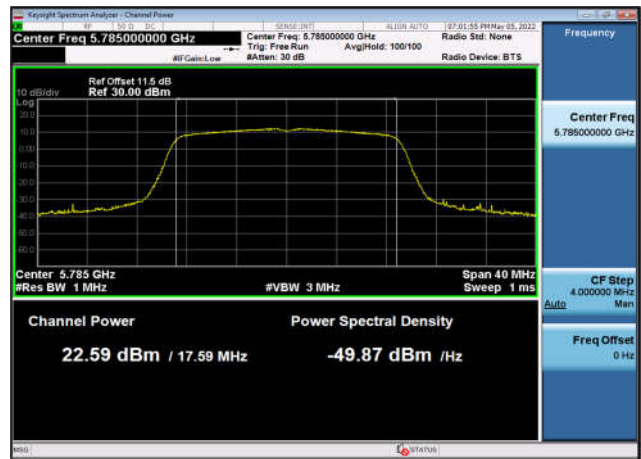
U-NII-3 Output Power-802.11a(20MHz)
,5825MHz,Ant2



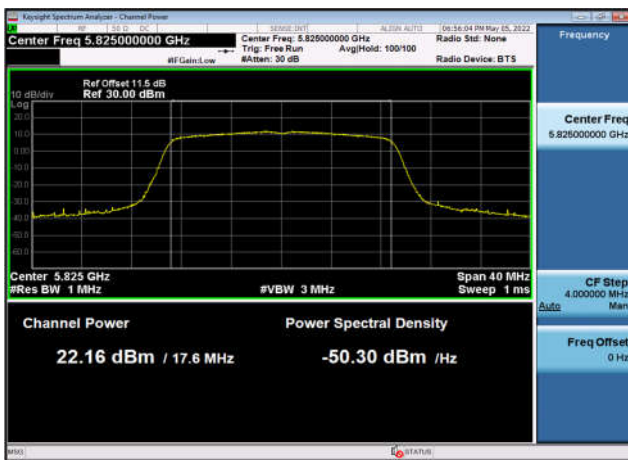
U-NII-3 Output Power-802.11ac(20MHz)
,5745MHz,Ant2



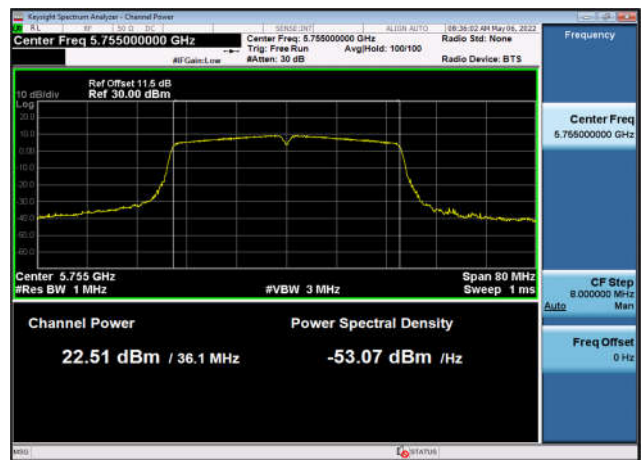
U-NII-3 Output Power-802.11ac(20MHz)
,5785MHz,Ant2



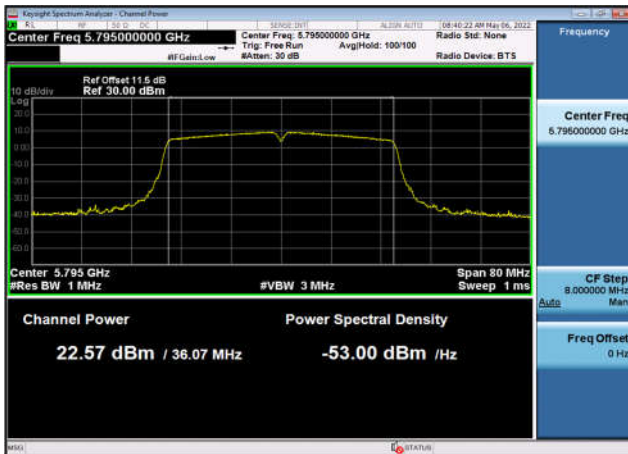
U-NII-3 Output Power-802.11ac(20MHz)
,5825MHz,Ant2



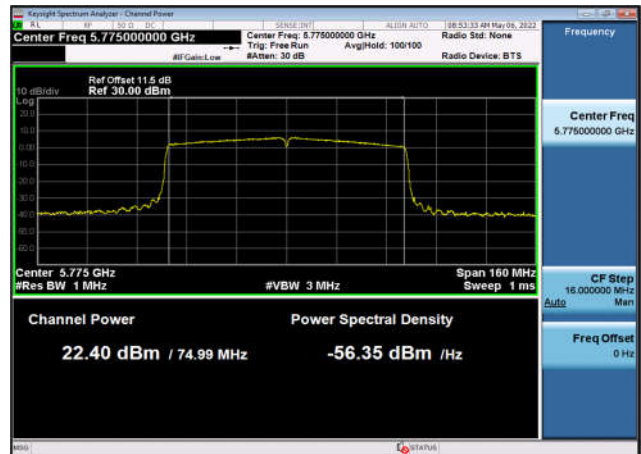
U-NII-3 Output Power-802.11ac(40MHz)
,5755MHz,Ant2



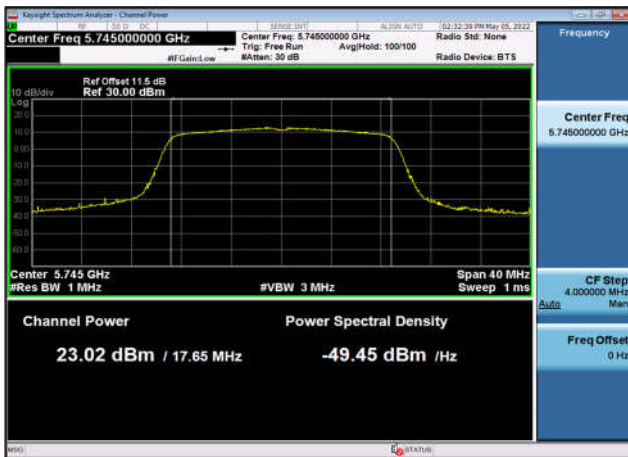
U-NII-3 Output Power-802.11ac(40MHz)
,5795MHz,Ant2



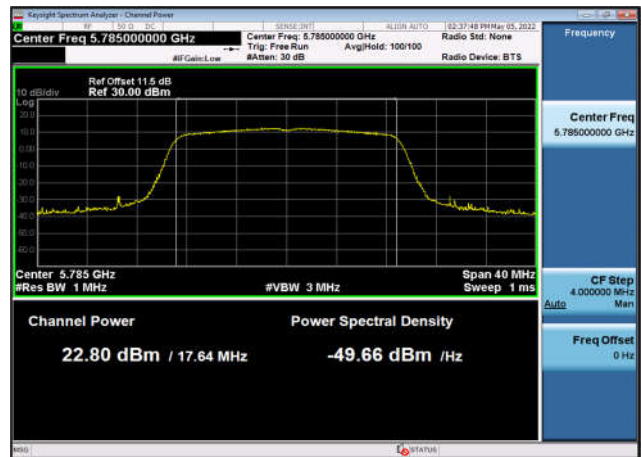
U-NII-3 Output Power-802.11ac(80MHz)
,5775MHz,Ant2



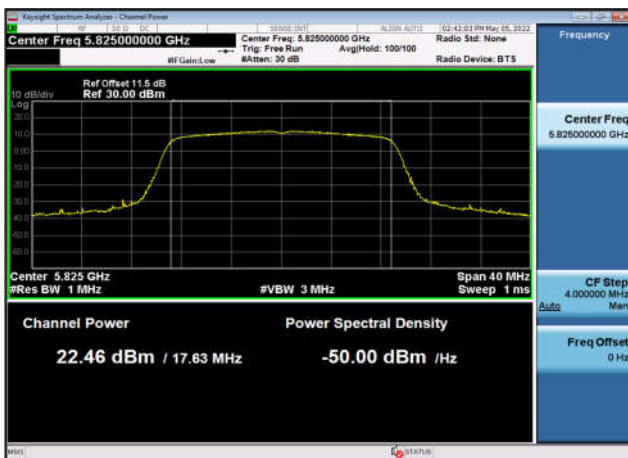
U-NII-3 Output Power-802.11ax(20MHz)
,5745MHz,Ant2



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



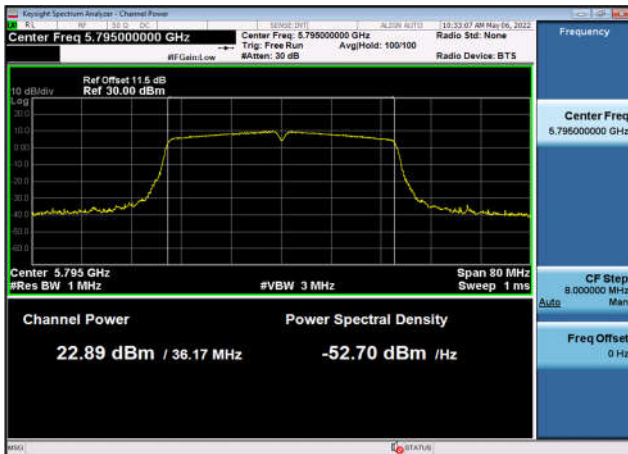
U-NII-3 Output Power-802.11ax(20MHz)
,5825MHz,Ant2



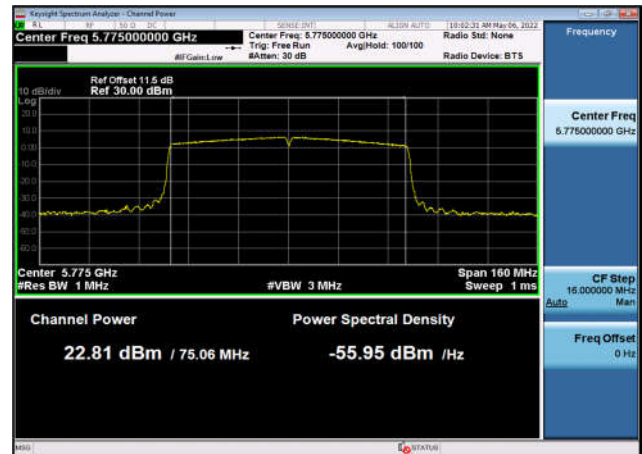
U-NII-3 Output Power-802.11ax(40MHz)
,5755MHz,Ant2



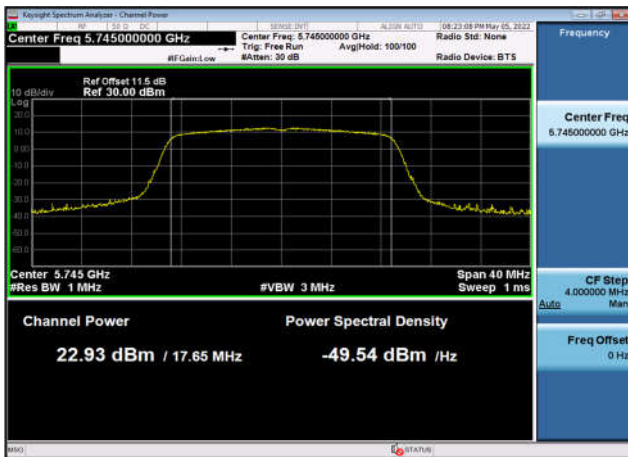
U-NII-3 Output Power-802.11ax(40MHz)
,5795MHz,Ant2



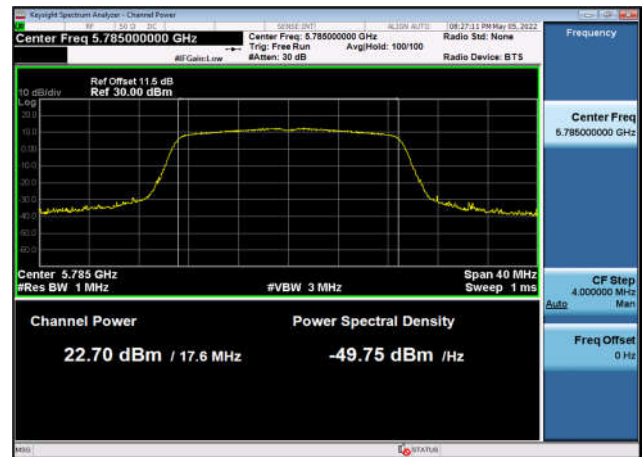
U-NII-3 Output Power-802.11ax(80MHz)
,5775MHz,Ant2



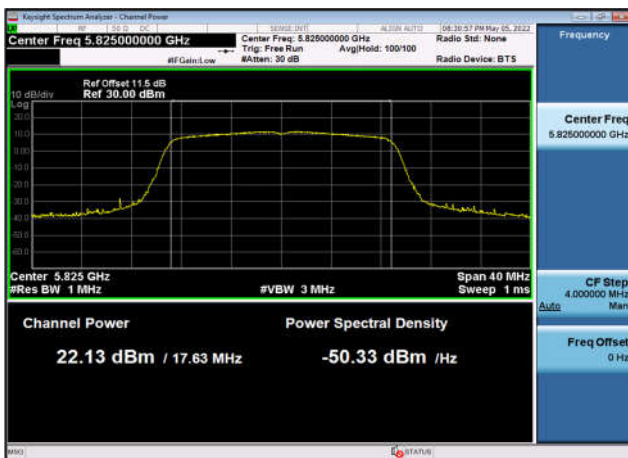
U-NII-3 Output Power-802.11n(20MHz)
,5745MHz,Ant3



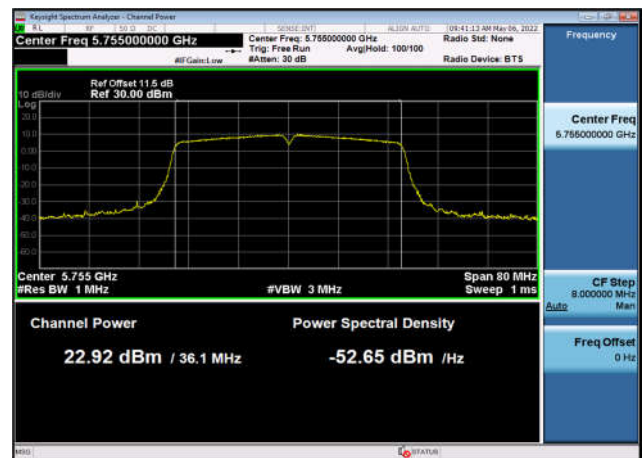
U-NII-3 Output Power-802.11n(20MHz)
,5785MHz,Ant3



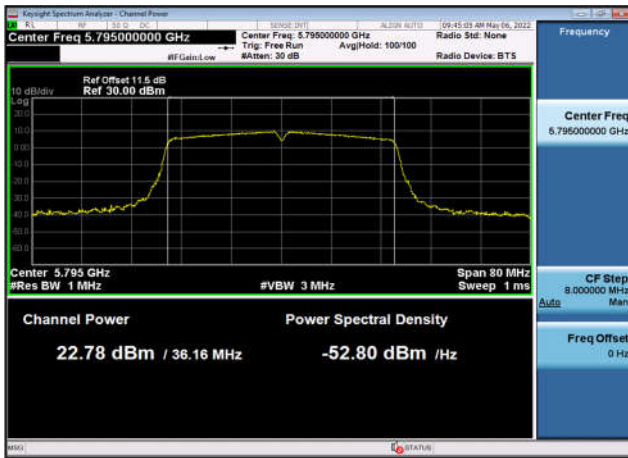
U-NII-3 Output Power-802.11n(20MHz)
,5825MHz,Ant3



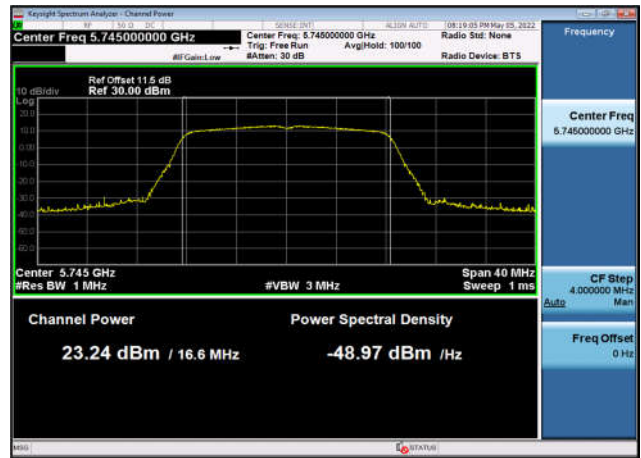
U-NII-3 Output Power-802.11n(40MHz)
,5755MHz,Ant3



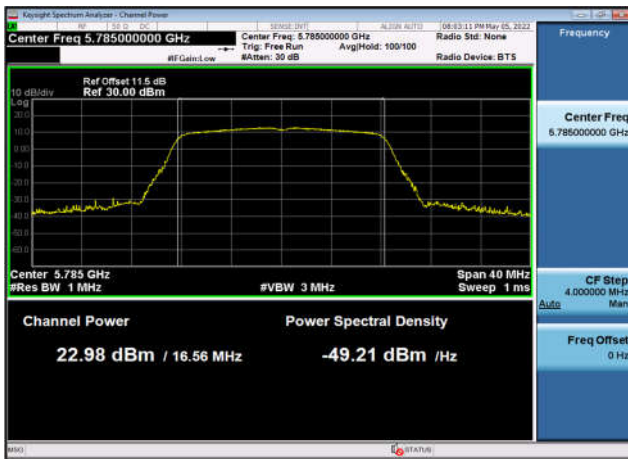
U-NII-3 Output Power-802.11n(40MHz)
,5795MHz,Ant3



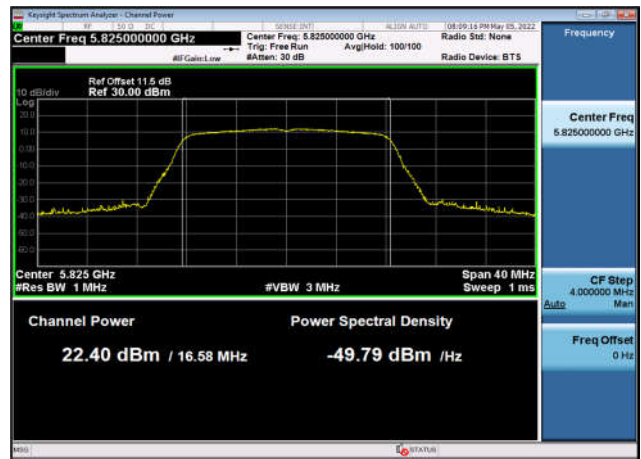
U-NII-3 Output Power-802.11a(20MHz)
,5745MHz,Ant3



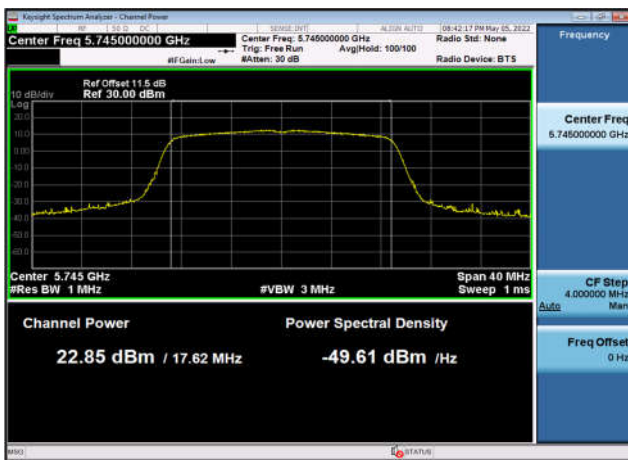
U-NII-3 Output Power-802.11a(20MHz)
,5785MHz,Ant3



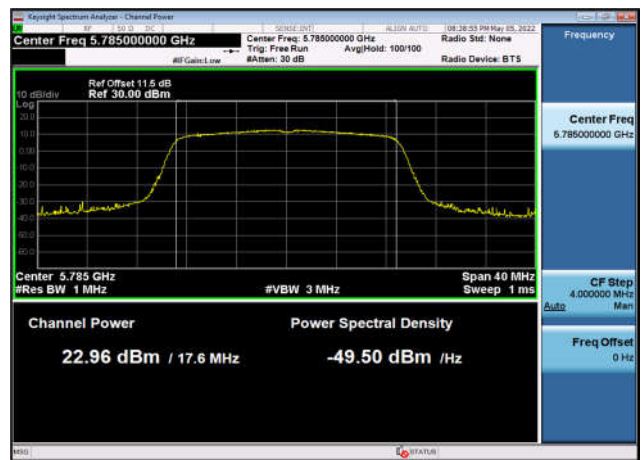
U-NII-3 Output Power-802.11a(20MHz)
,5825MHz,Ant3



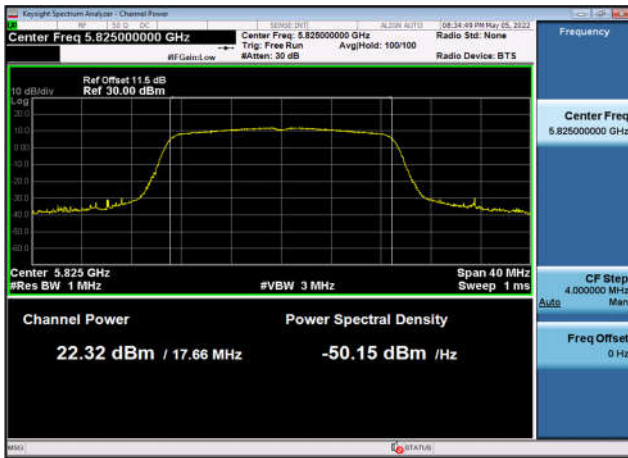
U-NII-3 Output Power-802.11ac(20MHz)
,5745MHz,Ant3



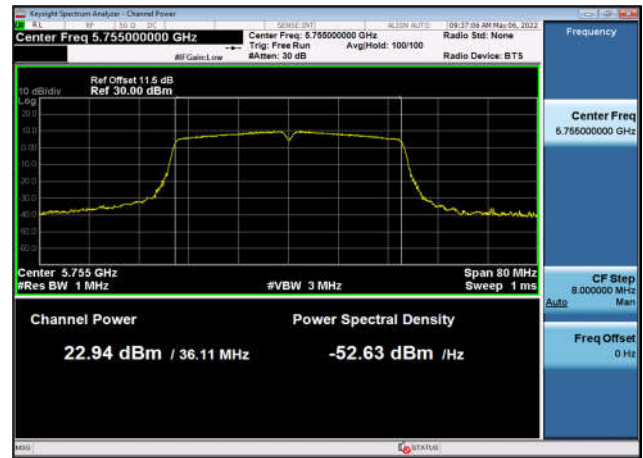
U-NII-3 Output Power-802.11ac(20MHz)
,5785MHz,Ant3



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



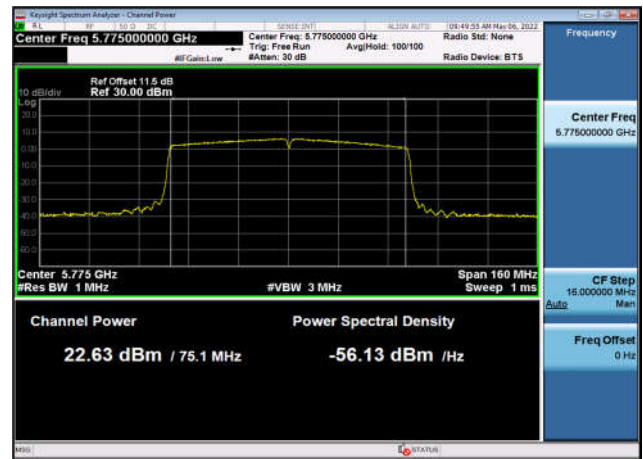
U-NII-3 Output Power-802.11ac(40MHz)
,5755MHz,Ant3



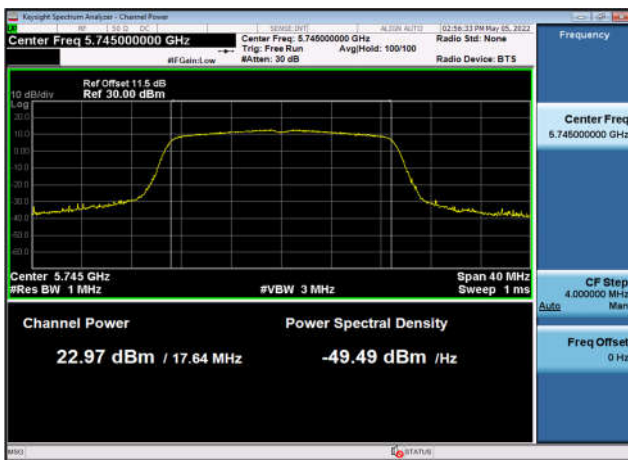
U-NII-3 Output Power-802.11ac(40MHz)
,5795MHz,Ant3



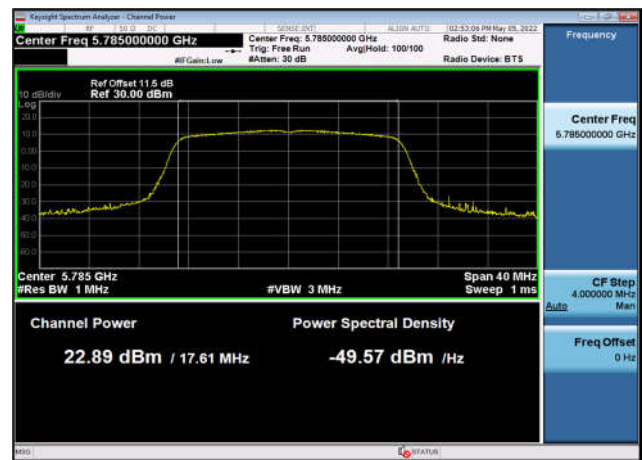
U-NII-3 Output Power-802.11ac(80MHz)
,5775MHz,Ant3



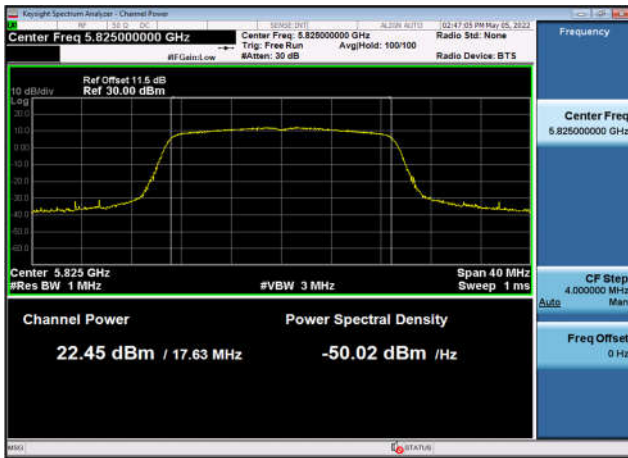
U-NII-3 Output Power-802.11ax(20MHz)
,5745MHz,Ant3



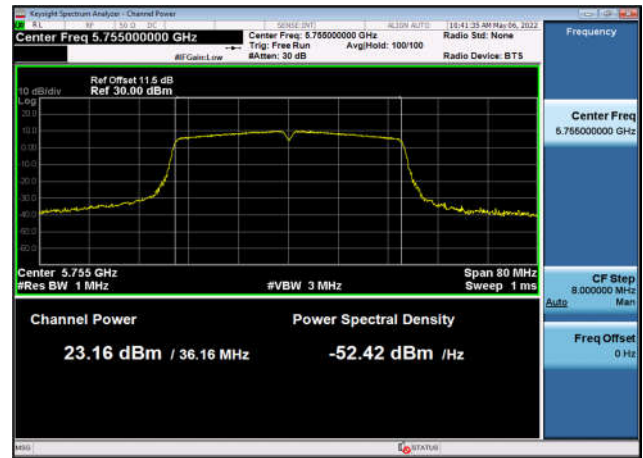
U-NII-3 Output Power-802.11ax(20MHz)
,5785MHz,Ant3



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



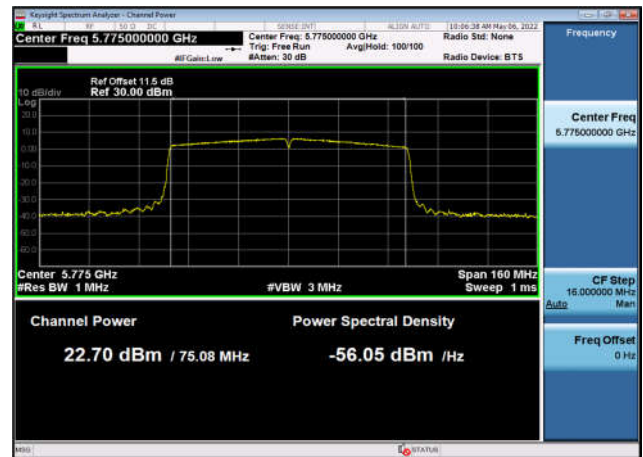
U-NII-3 Output Power-802.11ax(40MHz)
,5755MHz,Ant3



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



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



AVGSA Power Spectral Density

Test Result and Data

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	9.999	1000	17	Pass
802.11n (20MHz)	5220	Ant0	0.00	9.617	1000	17	Pass
802.11n (20MHz)	5240	Ant0	0.00	9.858	1000	17	Pass
802.11n (40MHz)	5190	Ant0	0.00	6.998	1000	17	Pass
802.11n (40MHz)	5230	Ant0	0.00	6.870	1000	17	Pass
802.11ac (20MHz)	5180	Ant0	0.00	9.785	1000	17	Pass
802.11ac (20MHz)	5220	Ant0	0.00	9.860	1000	17	Pass
802.11ac (20MHz)	5240	Ant0	0.00	9.961	1000	17	Pass
802.11ac (40MHz)	5190	Ant0	0.00	7.048	1000	17	Pass
802.11ac (40MHz)	5230	Ant0	0.00	6.917	1000	17	Pass
802.11ac (80MHz)	5210	Ant0	0.00	3.297	1000	17	Pass
802.11a (20MHz)	5180	Ant0	0.00	9.882	1000	17	Pass
802.11a (20MHz)	5220	Ant0	0.00	10.028	1000	17	Pass
802.11a (20MHz)	5240	Ant0	0.00	9.974	1000	17	Pass
802.11ax (20MHz)	5180	Ant0	0.00	9.582	1000	17	Pass
802.11ax (20MHz)	5220	Ant0	0.00	9.523	1000	17	Pass
802.11ax (20MHz)	5240	Ant0	0.00	9.816	1000	17	Pass
802.11ax (40MHz)	5190	Ant0	0.00	6.958	1000	17	Pass
802.11ax (40MHz)	5230	Ant0	0.00	6.849	1000	17	Pass
802.11ax (80MHz)	5210	Ant0	0.00	3.133	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	9.802	1000	17	Pass
802.11n (20MHz)	5220	Ant1	0.00	9.948	1000	17	Pass
802.11n (20MHz)	5240	Ant1	0.00	9.712	1000	17	Pass
802.11n (40MHz)	5190	Ant1	0.00	6.957	1000	17	Pass
802.11n (40MHz)	5230	Ant1	0.00	7.115	1000	17	Pass
802.11ac (20MHz)	5180	Ant1	0.00	10.209	1000	17	Pass
802.11ac (20MHz)	5220	Ant1	0.00	9.686	1000	17	Pass
802.11ac (20MHz)	5240	Ant1	0.00	9.920	1000	17	Pass
802.11ac (40MHz)	5190	Ant1	0.00	6.937	1000	17	Pass
802.11ac (40MHz)	5230	Ant1	0.00	7.188	1000	17	Pass
802.11ac (80MHz)	5210	Ant1	0.00	3.438	1000	17	Pass
802.11a (20MHz)	5180	Ant1	0.00	10.000	1000	17	Pass
802.11a (20MHz)	5220	Ant1	0.00	9.934	1000	17	Pass
802.11a (20MHz)	5240	Ant1	0.00	10.022	1000	17	Pass
802.11ax (20MHz)	5180	Ant1	0.00	9.449	1000	17	Pass
802.11ax (20MHz)	5220	Ant1	0.00	9.569	1000	17	Pass
802.11ax (20MHz)	5240	Ant1	0.00	9.877	1000	17	Pass
802.11ax (40MHz)	5190	Ant1	0.00	7.055	1000	17	Pass
802.11ax (40MHz)	5230	Ant1	0.00	6.907	1000	17	Pass
802.11ax (80MHz)	5210	Ant1	0.00	3.569	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	9.998	1000	17	Pass
802.11n (20MHz)	5220	Ant2	0.00	9.917	1000	17	Pass
802.11n (20MHz)	5240	Ant2	0.00	9.623	1000	17	Pass
802.11n (40MHz)	5190	Ant2	0.00	6.764	1000	17	Pass
802.11n (40MHz)	5230	Ant2	0.00	6.880	1000	17	Pass
802.11ac (20MHz)	5180	Ant2	0.00	10.023	1000	17	Pass
802.11ac (20MHz)	5220	Ant2	0.00	9.939	1000	17	Pass
802.11ac (20MHz)	5240	Ant2	0.00	9.822	1000	17	Pass
802.11ac (40MHz)	5190	Ant2	0.00	6.833	1000	17	Pass
802.11ac (40MHz)	5230	Ant2	0.00	6.933	1000	17	Pass
802.11ac (80MHz)	5210	Ant2	0.00	3.338	1000	17	Pass
802.11a (20MHz)	5180	Ant2	0.00	9.777	1000	17	Pass
802.11a (20MHz)	5220	Ant2	0.00	10.086	1000	17	Pass
802.11a (20MHz)	5240	Ant2	0.00	9.997	1000	17	Pass
802.11ax (20MHz)	5180	Ant2	0.00	9.833	1000	17	Pass
802.11ax (20MHz)	5220	Ant2	0.00	9.658	1000	17	Pass
802.11ax (20MHz)	5240	Ant2	0.00	9.890	1000	17	Pass
802.11ax (40MHz)	5190	Ant2	0.00	6.977	1000	17	Pass
802.11ax (40MHz)	5230	Ant2	0.00	6.862	1000	17	Pass
802.11ax (80MHz)	5210	Ant2	0.00	3.240	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	9.945	1000	17	Pass
802.11n (20MHz)	5220	Ant3	0.00	9.885	1000	17	Pass
802.11n (20MHz)	5240	Ant3	0.00	9.726	1000	17	Pass
802.11n (40MHz)	5190	Ant3	0.00	6.980	1000	17	Pass
802.11n (40MHz)	5230	Ant3	0.00	6.728	1000	17	Pass
802.11ac (20MHz)	5180	Ant3	0.00	10.022	1000	17	Pass
802.11ac (20MHz)	5220	Ant3	0.00	9.987	1000	17	Pass
802.11ac (20MHz)	5240	Ant3	0.00	10.139	1000	17	Pass
802.11ac (40MHz)	5190	Ant3	0.00	7.046	1000	17	Pass
802.11ac (40MHz)	5230	Ant3	0.00	7.145	1000	17	Pass
802.11ac (80MHz)	5210	Ant3	0.00	3.519	1000	17	Pass
802.11a (20MHz)	5180	Ant3	0.00	9.814	1000	17	Pass
802.11a (20MHz)	5220	Ant3	0.00	10.190	1000	17	Pass
802.11a (20MHz)	5240	Ant3	0.00	9.995	1000	17	Pass
802.11ax (20MHz)	5180	Ant3	0.00	9.726	1000	17	Pass
802.11ax (20MHz)	5220	Ant3	0.00	9.745	1000	17	Pass
802.11ax (20MHz)	5240	Ant3	0.00	9.746	1000	17	Pass
802.11ax (40MHz)	5190	Ant3	0.00	7.052	1000	17	Pass
802.11ax (40MHz)	5230	Ant3	0.00	7.224	1000	17	Pass
802.11ax (80MHz)	5210	Ant3	0.00	3.624	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	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

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	9.999	9.802	9.998	9.945	15.96	17	Pass
802.11n (20MHz)	5220	9.617	9.948	9.917	9.885	15.86	17	Pass
802.11n (20MHz)	5240	9.858	9.712	9.623	9.726	15.75	17	Pass
802.11n (40MHz)	5190	6.998	6.957	6.764	6.980	12.95	17	Pass
802.11n (40MHz)	5230	6.870	7.115	6.880	6.728	12.92	17	Pass
802.11ac (20MHz)	5180	9.785	10.209	10.023	10.022	16.03	17	Pass
802.11ac (20MHz)	5220	9.860	9.686	9.939	9.987	15.89	17	Pass
802.11ac (20MHz)	5240	9.961	9.920	9.822	10.139	15.98	17	Pass
802.11ac (40MHz)	5190	7.048	6.937	6.833	7.046	12.99	17	Pass
802.11ac (40MHz)	5230	6.917	7.188	6.933	7.145	13.07	17	Pass
802.11ac (80MHz)	5210	3.297	3.438	3.338	3.519	9.42	17	Pass
802.11a (20MHz)	5180	9.882	10.000	9.777	9.814	15.89	17	Pass
802.11a (20MHz)	5220	10.028	9.934	10.086	10.190	16.08	17	Pass
802.11a (20MHz)	5240	9.974	10.022	9.997	9.995	16.02	17	Pass
802.11ax (20MHz)	5180	9.582	9.449	9.833	9.726	15.67	17	Pass
802.11ax (20MHz)	5220	9.523	9.569	9.658	9.745	15.65	17	Pass
802.11ax (20MHz)	5240	9.816	9.877	9.890	9.746	15.85	17	Pass
802.11ax (40MHz)	5190	6.958	7.055	6.977	7.052	13.03	17	Pass
802.11ax (40MHz)	5230	6.849	6.907	6.862	7.224	12.98	17	Pass
802.11ax (80MHz)	5210	3.133	3.569	3.240	3.624	9.42	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 = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$.

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	9.977	510	30	Pass
802.11n (20MHz)	5785	Ant0	0.00	9.605	510	30	Pass
802.11n (20MHz)	5825	Ant0	0.00	9.362	510	30	Pass
802.11n (40MHz)	5755	Ant0	0.00	7.902	510	30	Pass
802.11n (40MHz)	5795	Ant0	0.00	7.185	510	30	Pass
802.11ac (20MHz)	5745	Ant0	0.00	9.892	510	30	Pass
802.11ac (20MHz)	5785	Ant0	0.00	9.837	510	30	Pass
802.11ac (20MHz)	5825	Ant0	0.00	9.488	510	30	Pass
802.11ac (40MHz)	5755	Ant0	0.00	7.003	510	30	Pass
802.11ac (40MHz)	5795	Ant0	0.00	7.423	510	30	Pass
802.11ac (80MHz)	5775	Ant0	0.00	3.752	510	30	Pass
802.11a (20MHz)	5745	Ant0	0.00	9.357	510	30	Pass
802.11a (20MHz)	5785	Ant0	0.00	9.415	510	30	Pass
802.11a (20MHz)	5825	Ant0	0.00	9.035	510	30	Pass
802.11ax (20MHz)	5745	Ant0	0.00	10.066	510	30	Pass
802.11ax (20MHz)	5785	Ant0	0.00	10.135	510	30	Pass
802.11ax (20MHz)	5825	Ant0	0.00	9.752	510	30	Pass
802.11ax (40MHz)	5755	Ant0	0.00	7.715	510	30	Pass
802.11ax (40MHz)	5795	Ant0	0.00	7.261	510	30	Pass
802.11ax (80MHz)	5775	Ant0	0.00	4.154	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	9.932	510	30	Pass
802.11n (20MHz)	5785	Ant1	0.00	9.326	510	30	Pass
802.11n (20MHz)	5825	Ant1	0.00	8.989	510	30	Pass
802.11n (40MHz)	5755	Ant1	0.00	7.464	510	30	Pass
802.11n (40MHz)	5795	Ant1	0.00	7.354	510	30	Pass
802.11ac (20MHz)	5745	Ant1	0.00	9.757	510	30	Pass
802.11ac (20MHz)	5785	Ant1	0.00	9.527	510	30	Pass
802.11ac (20MHz)	5825	Ant1	0.00	9.136	510	30	Pass
802.11ac (40MHz)	5755	Ant1	0.00	6.604	510	30	Pass
802.11ac (40MHz)	5795	Ant1	0.00	7.287	510	30	Pass
802.11ac (80MHz)	5775	Ant1	0.00	4.045	510	30	Pass
802.11a (20MHz)	5745	Ant1	0.00	10.073	510	30	Pass
802.11a (20MHz)	5785	Ant1	0.00	9.789	510	30	Pass
802.11a (20MHz)	5825	Ant1	0.00	9.294	510	30	Pass
802.11ax (20MHz)	5745	Ant1	0.00	9.972	510	30	Pass
802.11ax (20MHz)	5785	Ant1	0.00	9.837	510	30	Pass
802.11ax (20MHz)	5825	Ant1	0.00	9.579	510	30	Pass
802.11ax (40MHz)	5755	Ant1	0.00	7.518	510	30	Pass
802.11ax (40MHz)	5795	Ant1	0.00	7.159	510	30	Pass
802.11ax (80MHz)	5775	Ant1	0.00	4.071	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	9.723	510	30	Pass
802.11n (20MHz)	5785	Ant2	0.00	9.561	510	30	Pass
802.11n (20MHz)	5825	Ant2	0.00	9.684	510	30	Pass
802.11n (40MHz)	5755	Ant2	0.00	7.076	510	30	Pass
802.11n (40MHz)	5795	Ant2	0.00	5.987	510	30	Pass
802.11ac (20MHz)	5745	Ant2	0.00	10.403	510	30	Pass
802.11ac (20MHz)	5785	Ant2	0.00	9.658	510	30	Pass
802.11ac (20MHz)	5825	Ant2	0.00	9.243	510	30	Pass
802.11ac (40MHz)	5755	Ant2	0.00	6.732	510	30	Pass
802.11ac (40MHz)	5795	Ant2	0.00	6.863	510	30	Pass
802.11ac (80MHz)	5775	Ant2	0.00	3.612	510	30	Pass
802.11a (20MHz)	5745	Ant2	0.00	10.227	510	30	Pass
802.11a (20MHz)	5785	Ant2	0.00	9.928	510	30	Pass
802.11a (20MHz)	5825	Ant2	0.00	9.914	510	30	Pass
802.11ax (20MHz)	5745	Ant2	0.00	9.996	510	30	Pass
802.11ax (20MHz)	5785	Ant2	0.00	9.925	510	30	Pass
802.11ax (20MHz)	5825	Ant2	0.00	9.763	510	30	Pass
802.11ax (40MHz)	5755	Ant2	0.00	7.793	510	30	Pass
802.11ax (40MHz)	5795	Ant2	0.00	7.124	510	30	Pass
802.11ax (80MHz)	5775	Ant2	0.00	3.870	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	9.809	510	30	Pass
802.11n (20MHz)	5785	Ant3	0.00	9.852	510	30	Pass
802.11n (20MHz)	5825	Ant3	0.00	9.211	510	30	Pass
802.11n (40MHz)	5755	Ant3	0.00	7.247	510	30	Pass
802.11n (40MHz)	5795	Ant3	0.00	7.165	510	30	Pass
802.11ac (20MHz)	5745	Ant3	0.00	9.937	510	30	Pass
802.11ac (20MHz)	5785	Ant3	0.00	9.836	510	30	Pass
802.11ac (20MHz)	5825	Ant3	0.00	9.431	510	30	Pass
802.11ac (40MHz)	5755	Ant3	0.00	7.347	510	30	Pass
802.11ac (40MHz)	5795	Ant3	0.00	7.219	510	30	Pass
802.11ac (80MHz)	5775	Ant3	0.00	4.334	510	30	Pass
802.11a (20MHz)	5745	Ant3	0.00	10.469	510	30	Pass
802.11a (20MHz)	5785	Ant3	0.00	10.024	510	30	Pass
802.11a (20MHz)	5825	Ant3	0.00	9.732	510	30	Pass
802.11ax (20MHz)	5745	Ant3	0.00	10.011	510	30	Pass
802.11ax (20MHz)	5785	Ant3	0.00	9.803	510	30	Pass
802.11ax (20MHz)	5825	Ant3	0.00	9.503	510	30	Pass
802.11ax (40MHz)	5755	Ant3	0.00	7.593	510	30	Pass
802.11ax (40MHz)	5795	Ant3	0.00	7.203	510	30	Pass
802.11ax (80MHz)	5775	Ant3	0.00	3.951	510	30	Pass

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	9.977	9.932	9.723	9.809	15.88	30	Pass
802.11n (20MHz)	5785	9.605	9.326	9.561	9.852	15.61	30	Pass
802.11n (20MHz)	5825	9.362	8.989	9.684	9.211	15.34	30	Pass
802.11n (40MHz)	5755	7.902	7.464	7.076	7.247	13.45	30	Pass
802.11n (40MHz)	5795	7.185	7.354	5.987	7.165	12.98	30	Pass
802.11ac (20MHz)	5745	9.892	9.757	10.403	9.937	16.02	30	Pass
802.11ac (20MHz)	5785	9.837	9.527	9.658	9.836	15.74	30	Pass
802.11ac (20MHz)	5825	9.488	9.136	9.243	9.431	15.35	30	Pass
802.11ac (40MHz)	5755	7.003	6.604	6.732	7.347	12.95	30	Pass
802.11ac (40MHz)	5795	7.423	7.287	6.863	7.219	13.22	30	Pass
802.11ac (80MHz)	5775	3.752	4.045	3.612	4.334	9.97	30	Pass
802.11a (20MHz)	5745	9.357	10.073	10.227	10.469	16.07	30	Pass
802.11a (20MHz)	5785	9.415	9.789	9.928	10.024	15.82	30	Pass
802.11a (20MHz)	5825	9.035	9.294	9.914	9.732	15.53	30	Pass
802.11ax (20MHz)	5745	10.066	9.972	9.996	10.011	16.03	30	Pass
802.11ax (20MHz)	5785	10.135	9.837	9.925	9.803	15.95	30	Pass
802.11ax (20MHz)	5825	9.752	9.579	9.763	9.503	15.67	30	Pass
802.11ax (40MHz)	5755	7.715	7.518	7.793	7.593	13.68	30	Pass
802.11ax (40MHz)	5795	7.261	7.159	7.124	7.203	13.21	30	Pass
802.11ax (80MHz)	5775	4.154	4.071	3.870	3.951	10.03	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 = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$.