

Appendix A

Output power Test Result and Data

U-NII-1 Duty Cycle		
Mode	Duty Cycle (%)	Duty Cycle Factor (dB)
802.11a (20MHz)	98.96	0.05
802.11n (20MHz)	98.89	0.05
802.11ac (20MHz)	98.90	0.05
802.11ax (20MHz)	98.58	0.06

U-NII-1 AVGSA Output Power				
Mode	Frequency (MHz)	Power (dBm)	Power Limit (dBm)	Result
802.11n (20MHz)	5180	15.72	24	Pass
802.11n (20MHz)	5220	15.60	24	Pass
802.11n (20MHz)	5240	15.55	24	Pass
802.11ac (20MHz)	5180	15.93	24	Pass
802.11ac (20MHz)	5220	15.83	24	Pass
802.11ac (20MHz)	5240	15.77	24	Pass
802.11a (20MHz)	5180	16.65	24	Pass
802.11a (20MHz)	5220	16.48	24	Pass
802.11a (20MHz)	5240	16.29	24	Pass
802.11ax (20MHz)	5180	16.10	24	Pass
802.11ax (20MHz)	5220	15.94	24	Pass
802.11ax (20MHz)	5240	15.87	24	Pass



U-NII-2a AVGSA Output Power				
Mode	Frequency (MHz)	Power (dBm)	Power Limit (dBm)	Result
802.11n (20MHz)	5260	15.83	24	Pass
802.11n (20MHz)	5300	15.55	24	Pass
802.11n (20MHz)	5320	15.25	24	Pass
802.11ac (20MHz)	5260	15.85	24	Pass
802.11ac (20MHz)	5300	15.48	24	Pass
802.11ac (20MHz)	5320	15.18	24	Pass
802.11a (20MHz)	5260	16.79	24	Pass
802.11a (20MHz)	5300	16.51	24	Pass
802.11a (20MHz)	5320	16.16	24	Pass
802.11ax (20MHz)	5260	16.12	24	Pass
802.11ax (20MHz)	5300	15.73	24	Pass
802.11ax (20MHz)	5320	15.29	24	Pass



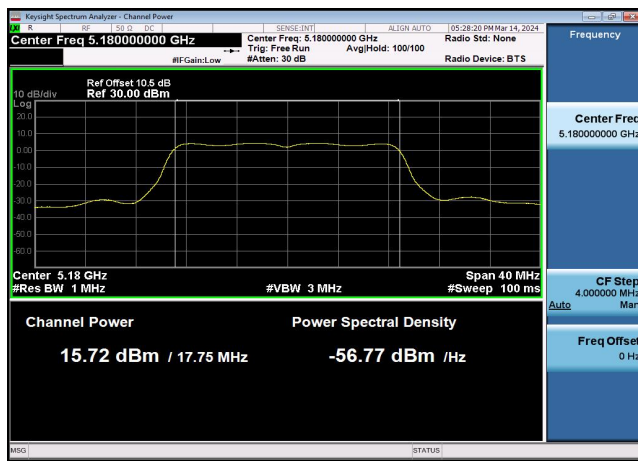
U-NII-2c AVGSA Output Power				
Mode	Frequency (MHz)	Power (dBm)	Power Limit (dBm)	Result
802.11n (20MHz)	5500	16.28	24	Pass
802.11n (20MHz)	5600	16.55	24	Pass
802.11n (20MHz)	5700	15.47	24	Pass
802.11ac (20MHz)	5500	15.49	24	Pass
802.11ac (20MHz)	5600	15.42	24	Pass
802.11ac (20MHz)	5700	14.49	24	Pass
802.11a (20MHz)	5500	16.72	24	Pass
802.11a (20MHz)	5600	16.80	24	Pass
802.11a (20MHz)	5700	16.01	24	Pass
802.11ax (20MHz)	5500	15.91	24	Pass
802.11ax (20MHz)	5600	16.16	24	Pass
802.11ax (20MHz)	5700	15.10	24	Pass



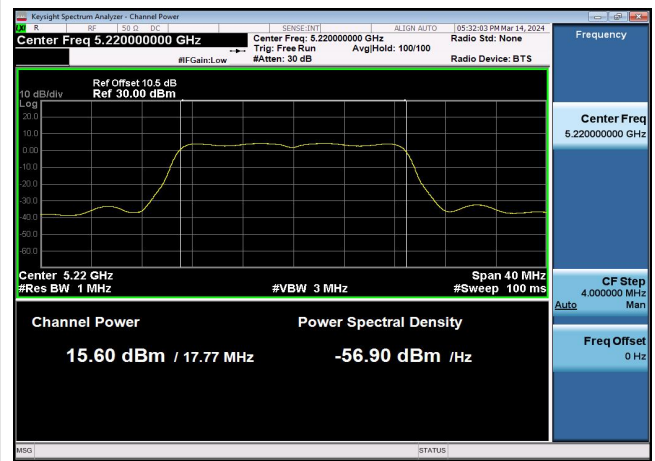
U-NII-3 AVGSA Output Power				
Mode	Frequency (MHz)	Power (dBm)	FCC&IC Limit (dBm)	Result
802.11n (20MHz)	5745	15.40	30	Pass
802.11n (20MHz)	5785	15.66	30	Pass
802.11n (20MHz)	5825	16.20	30	Pass
802.11ac (20MHz)	5745	15.05	30	Pass
802.11ac (20MHz)	5785	15.18	30	Pass
802.11ac (20MHz)	5825	15.24	30	Pass
802.11a (20MHz)	5745	16.27	30	Pass
802.11a (20MHz)	5785	16.30	30	Pass
802.11a (20MHz)	5825	17.16	30	Pass
802.11ax (20MHz)	5745	15.26	30	Pass
802.11ax (20MHz)	5785	15.37	30	Pass
802.11ax (20MHz)	5825	15.29	30	Pass

Test plots

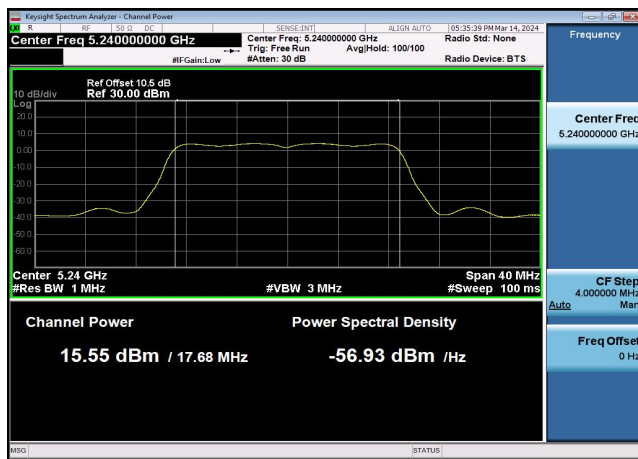
U-NII-1 Output Power-802.11n(20MHz)
,5180MHz,Ant1



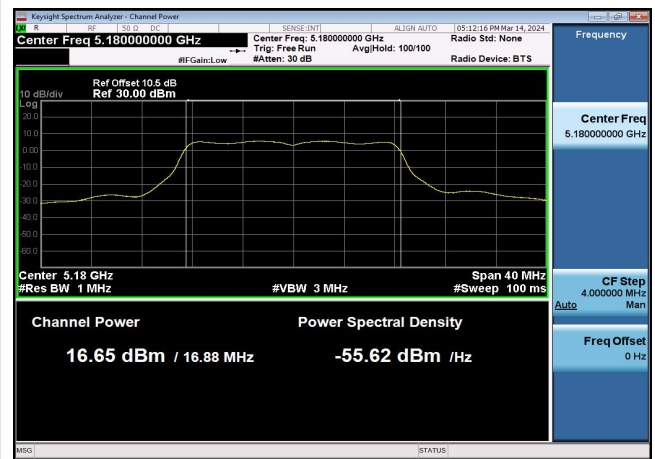
U-NII-1 Output Power-802.11n(20MHz)
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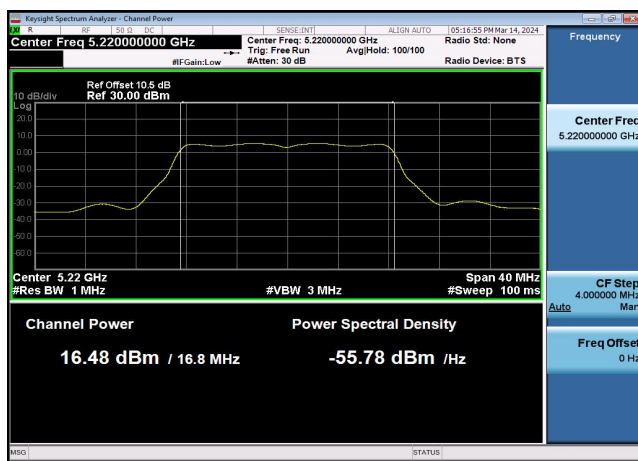
U-NII-1 Output Power-802.11n(20MHz)
,5240MHz,Ant1



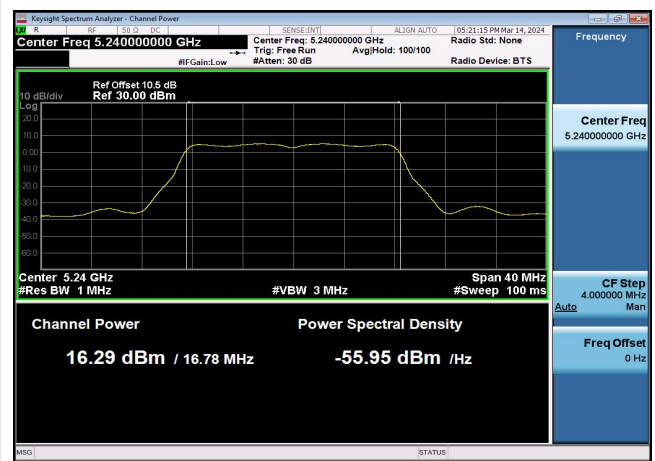
U-NII-1 Output Power-802.11a(20MHz)
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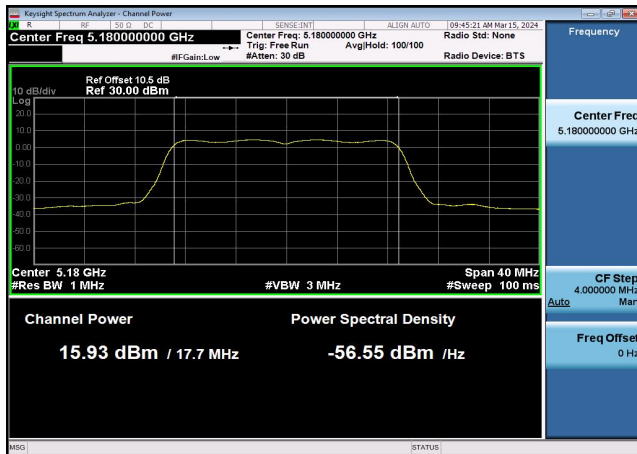
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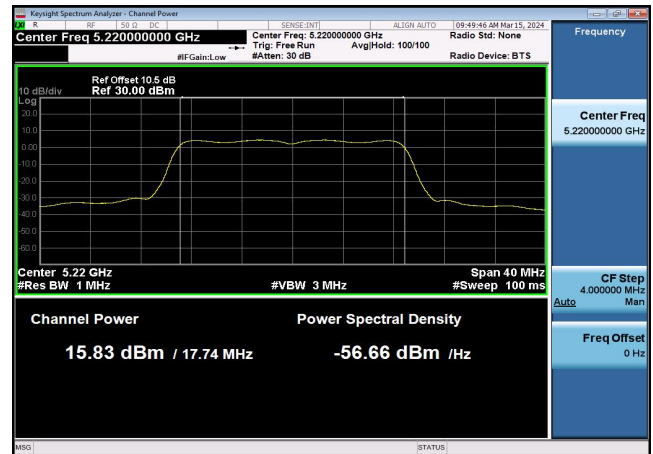
U-NII-1 Output Power-802.11a(20MHz)
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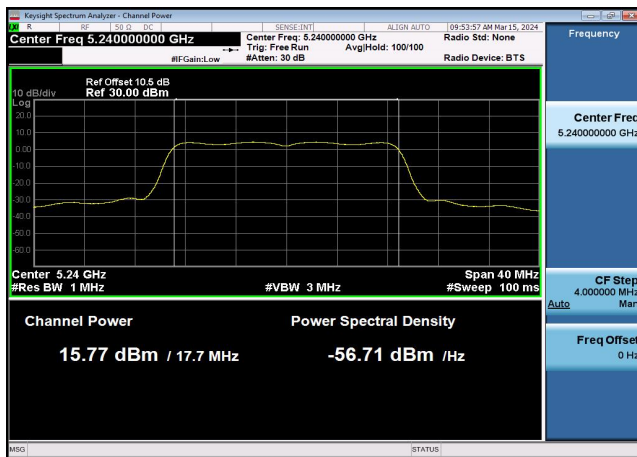
U-NII-1 Output Power-802.11ac(20MHz)
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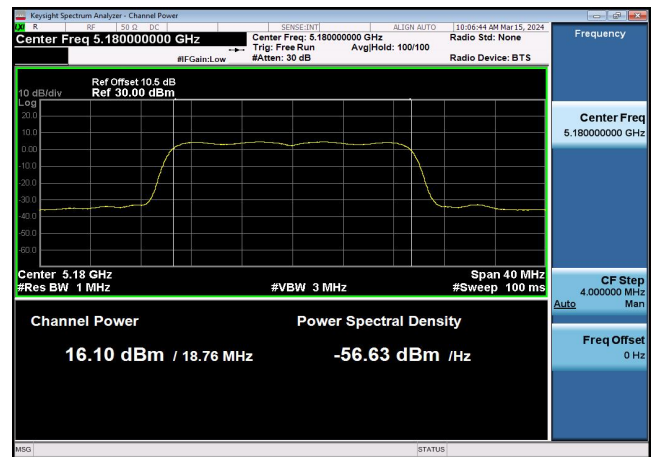
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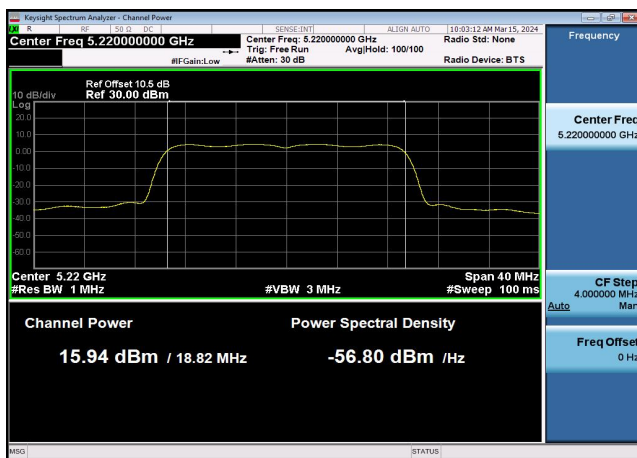
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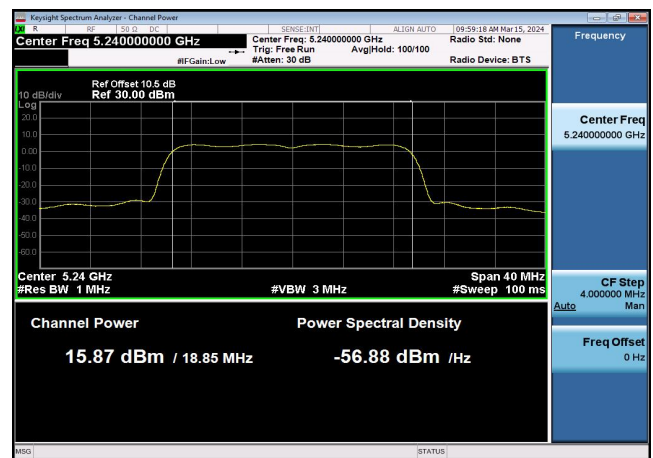
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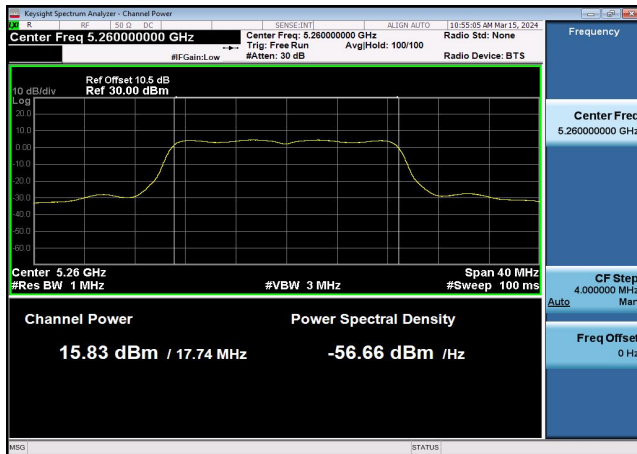
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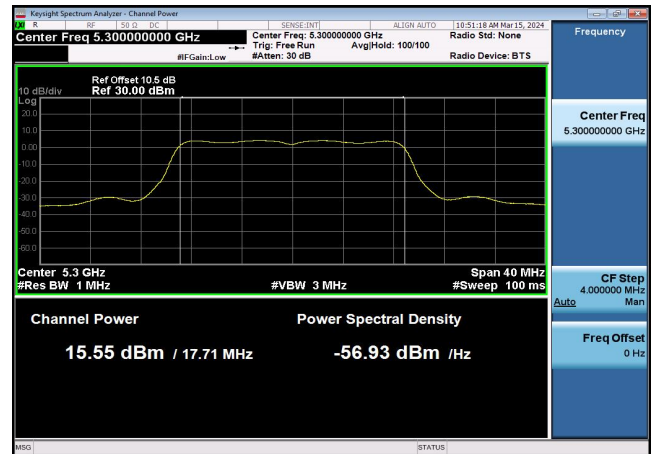
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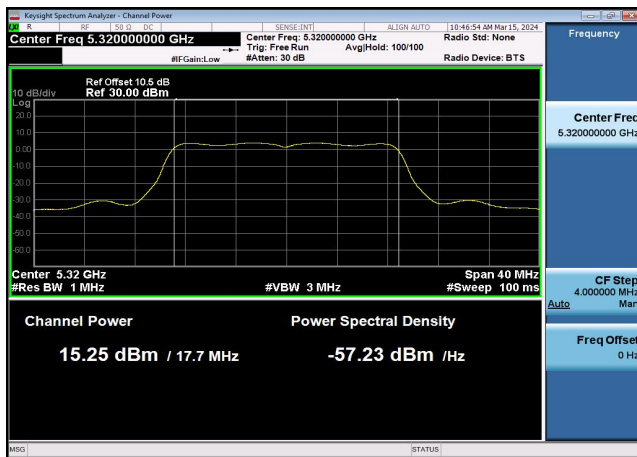
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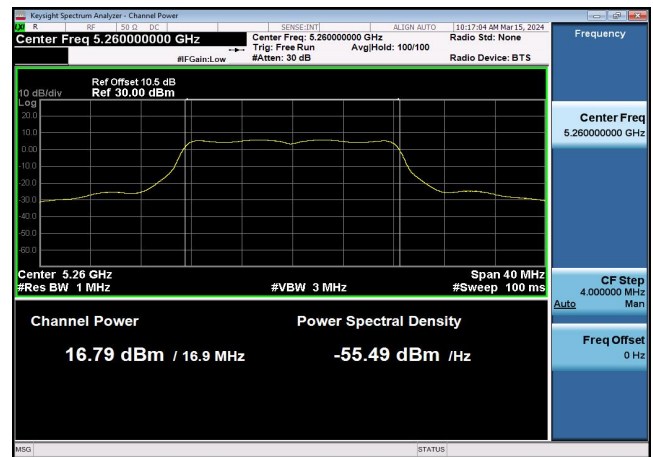
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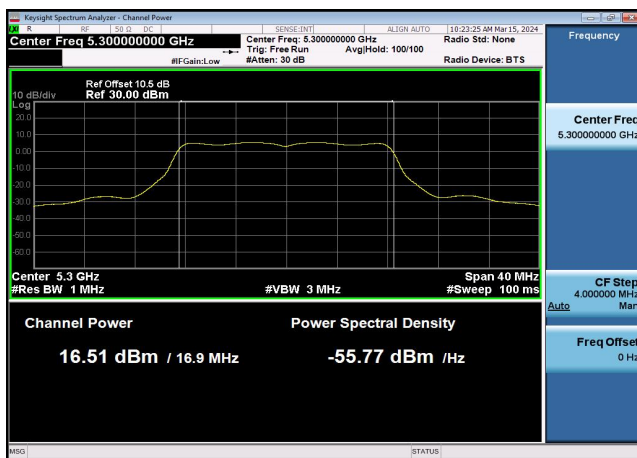
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,5320MHz,Ant1



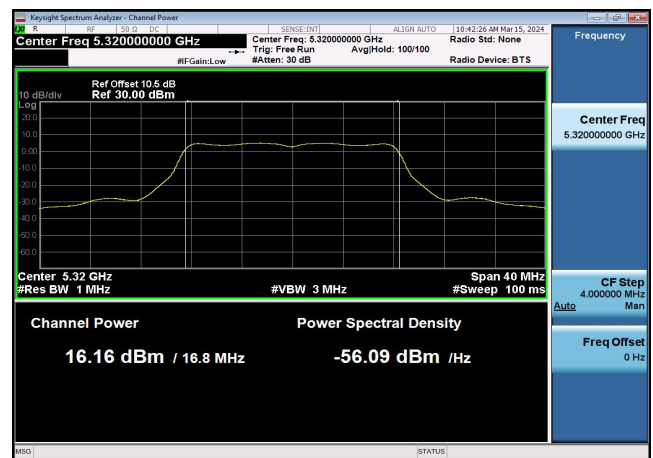
U-NII-2a Output Power-802.11a(20MHz)
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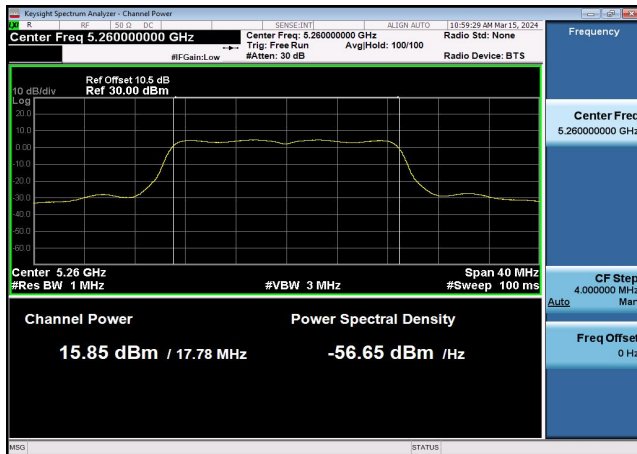
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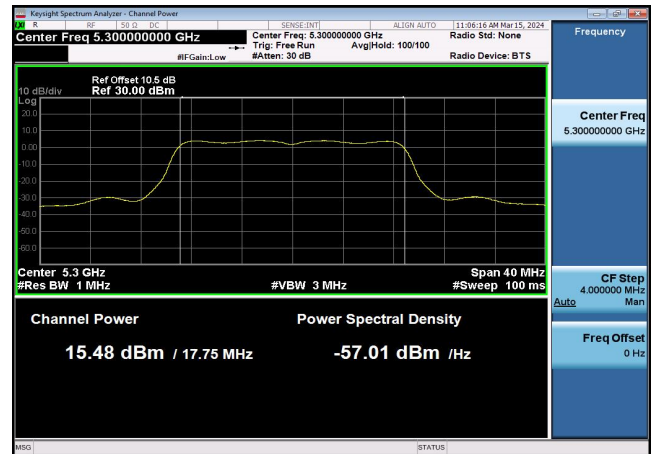
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,5320MHz,Ant1



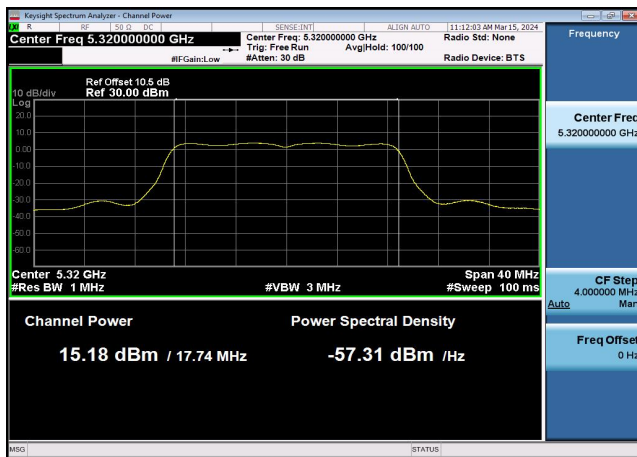
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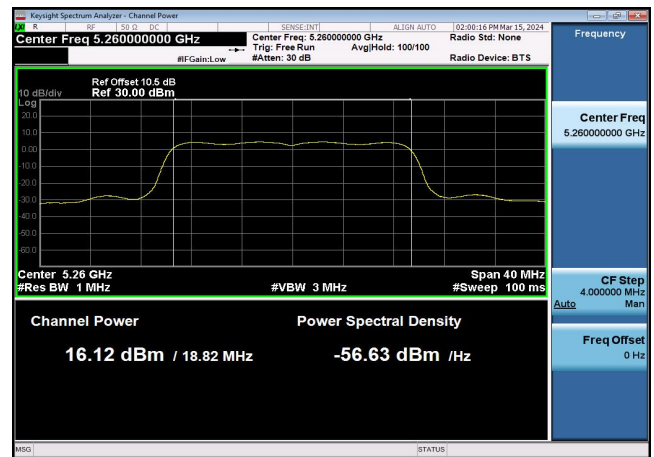
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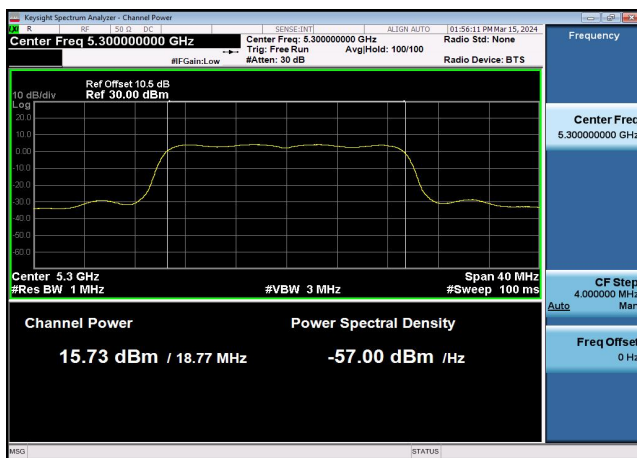
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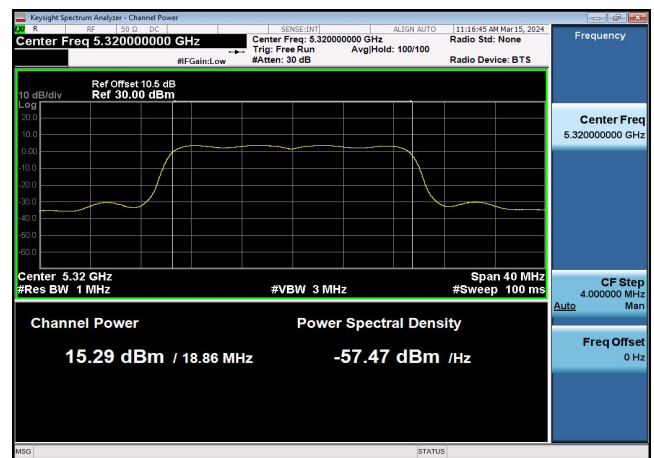
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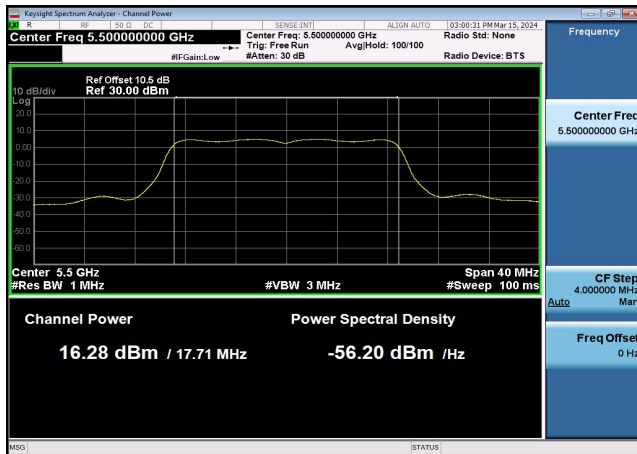
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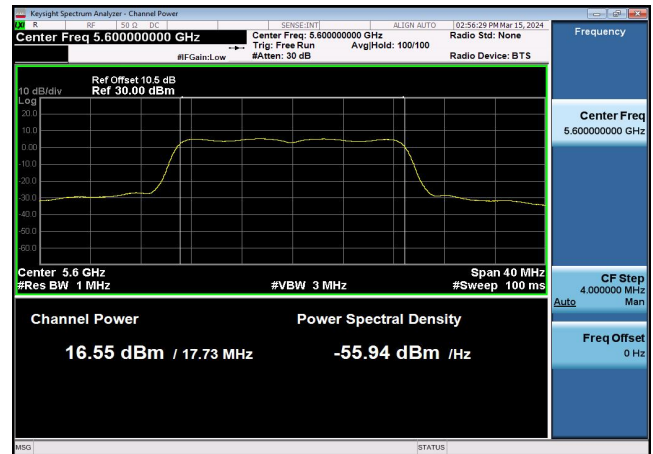
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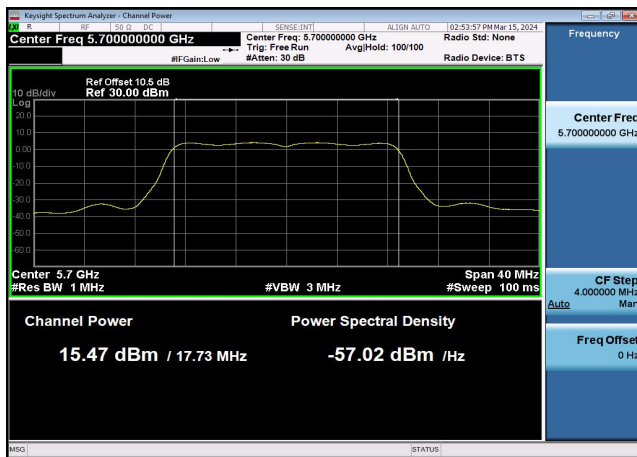
U-NII-2c Output Power-802.11n(20MHz)
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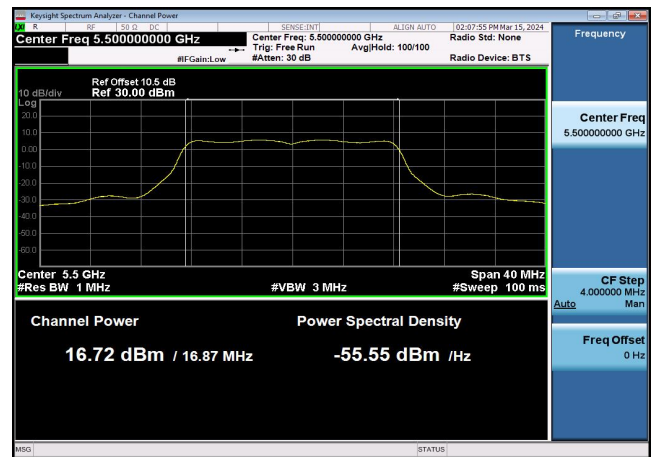
U-NII-2c Output Power-802.11n(20MHz)
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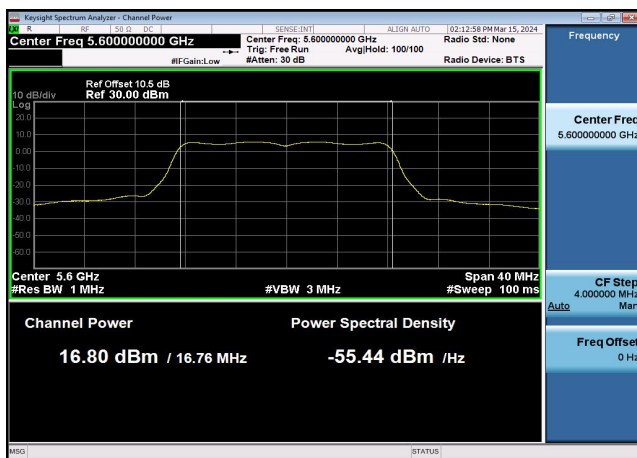
U-NII-2c Output Power-802.11n(20MHz)
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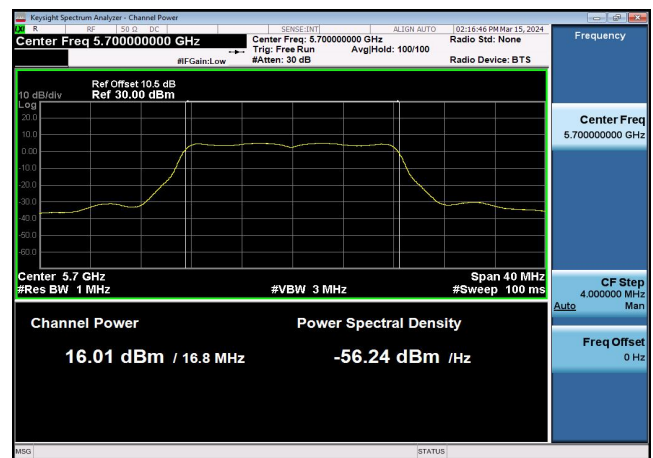
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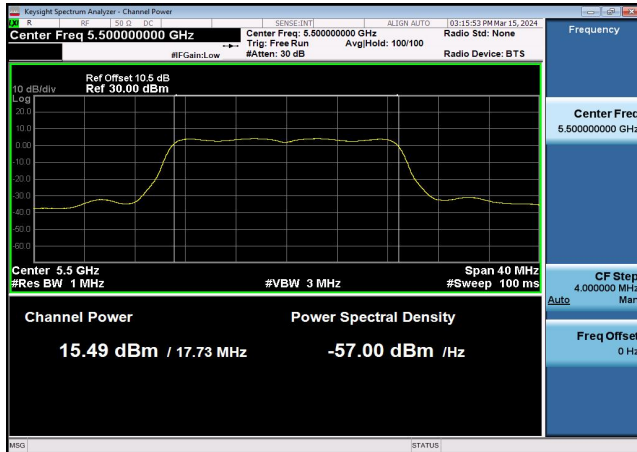
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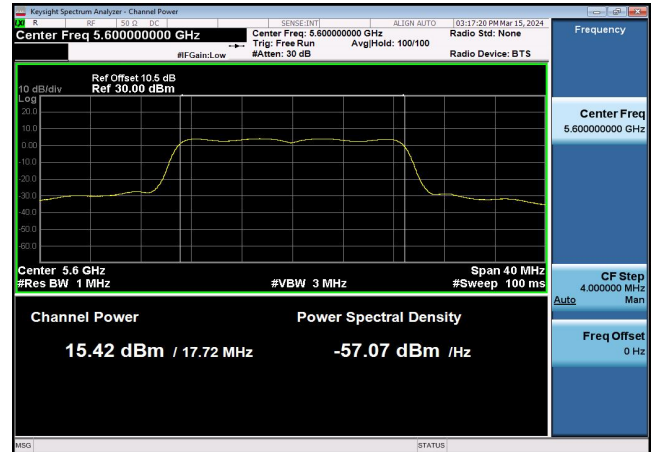
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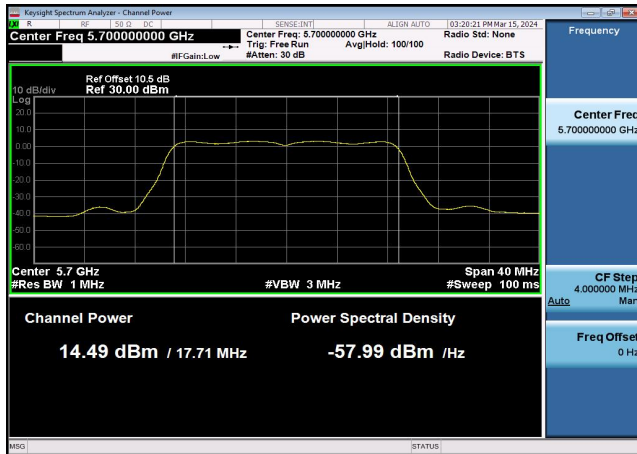
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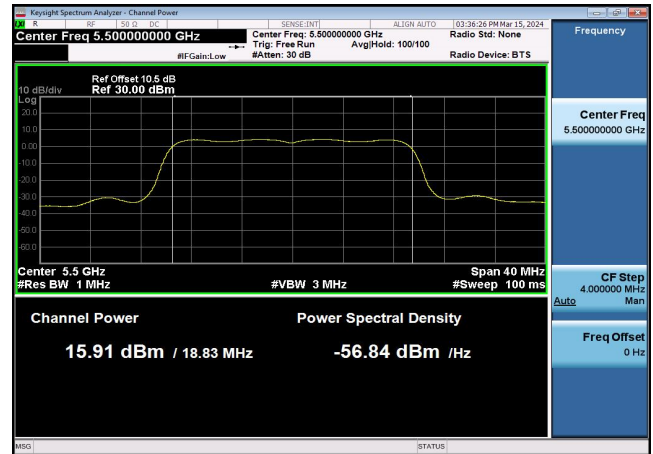
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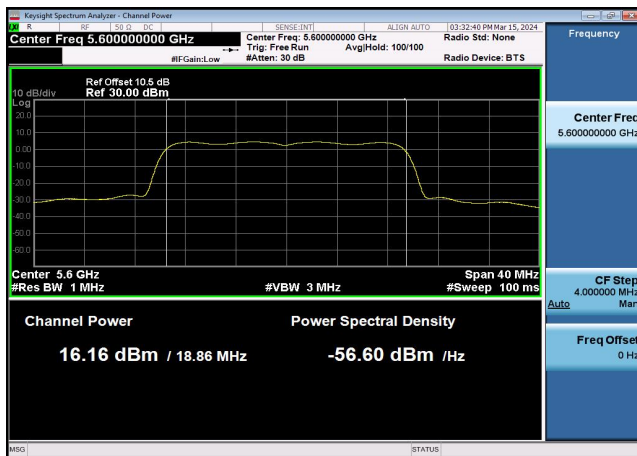
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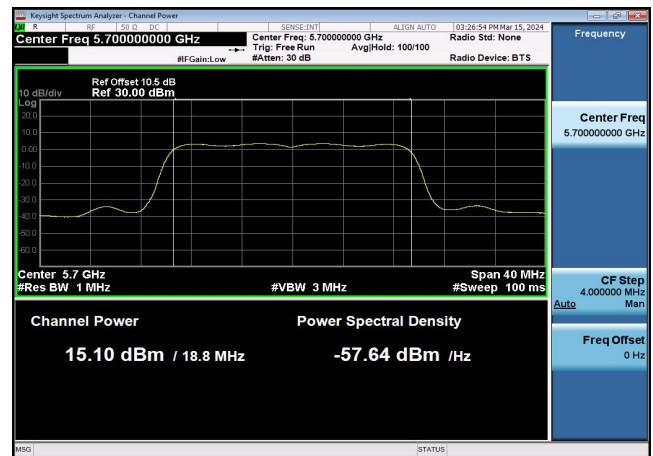
U-NII-2c Output Power-802.11ax(20MHz)
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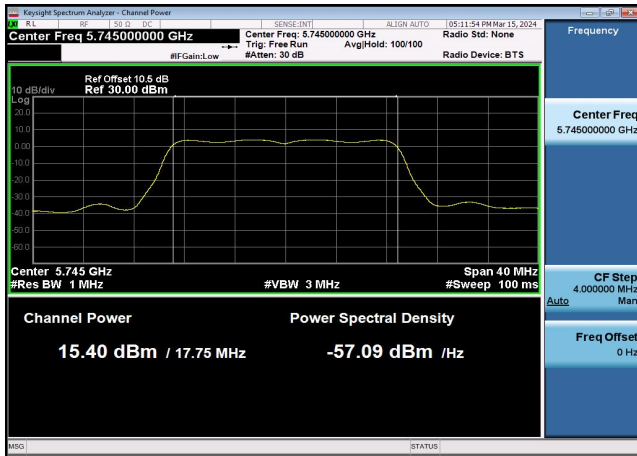
U-NII-2c Output Power-802.11ax(20MHz)
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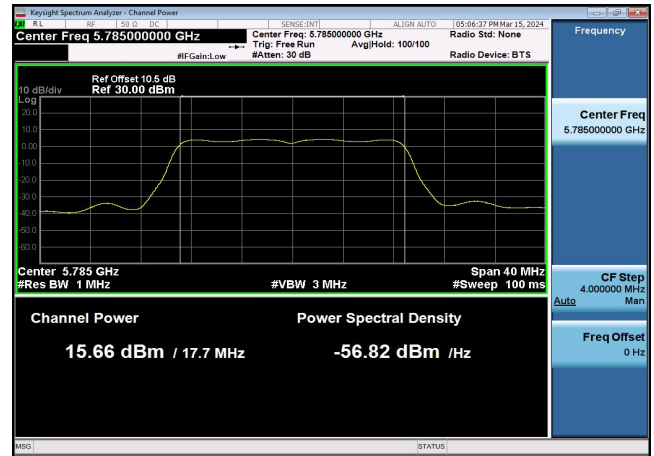
U-NII-2c Output Power-802.11ax(20MHz)
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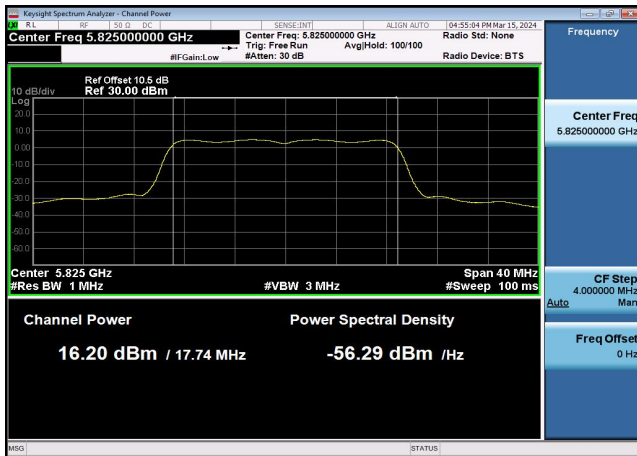
U-NII-3 Output Power-802.11n(20MHz)
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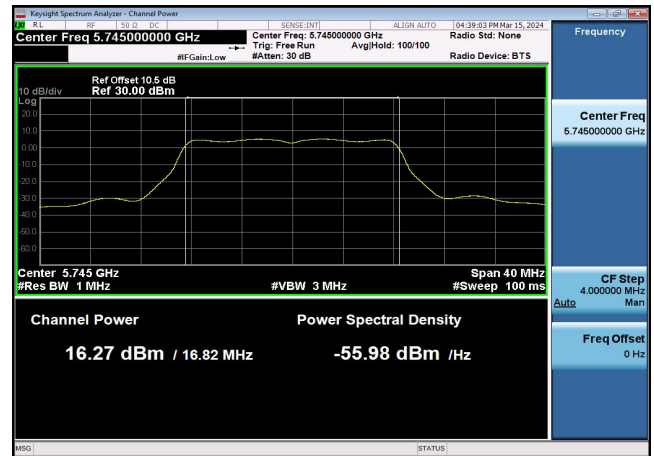
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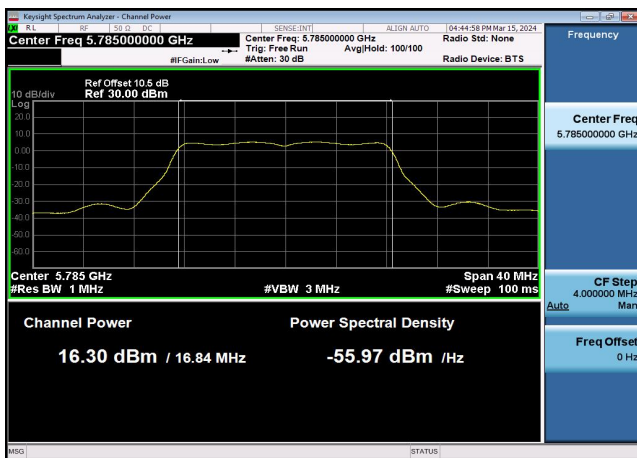
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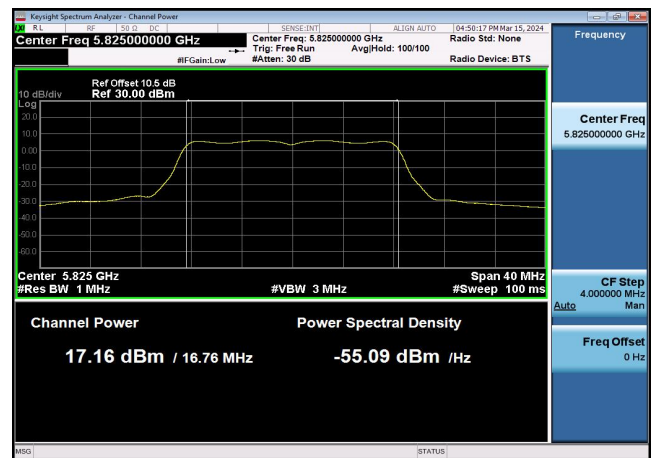
U-NII-3 Output Power-802.11a(20MHz)
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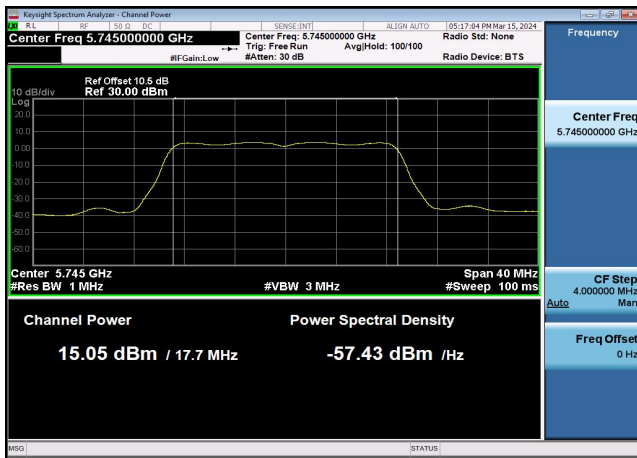
U-NII-3 Output Power-802.11a(20MHz)
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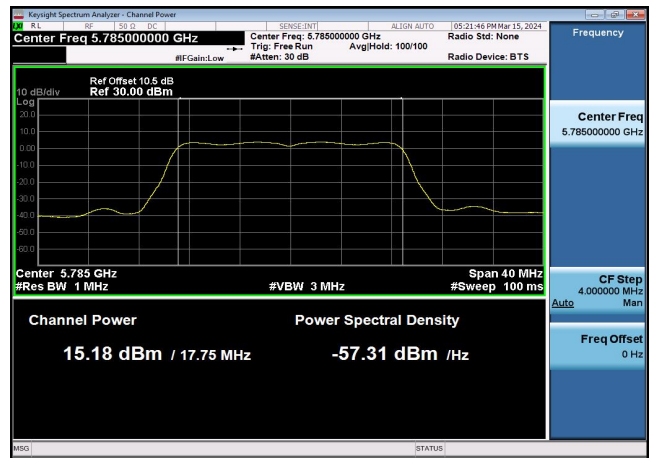
U-NII-3 Output Power-802.11a(20MHz)
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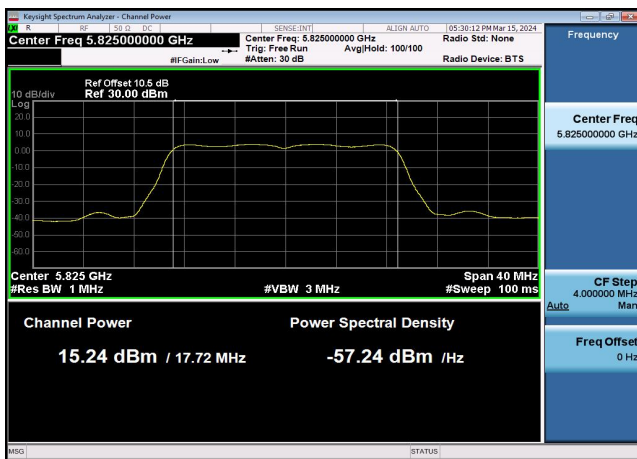
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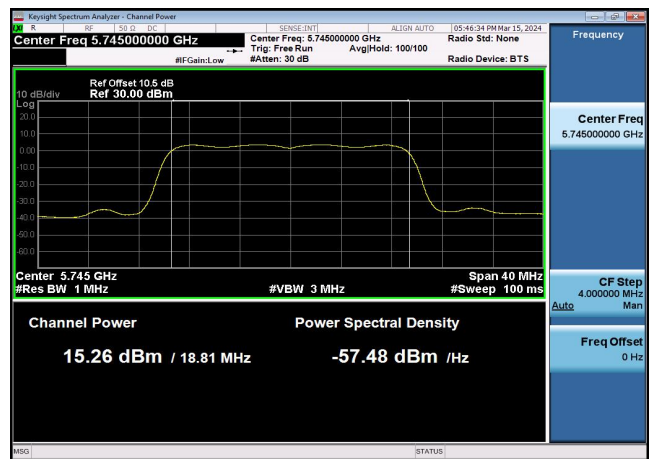
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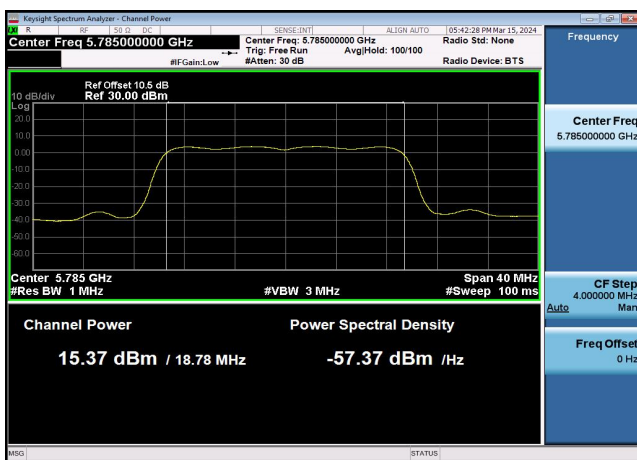
U-NII-3 Output Power-802.11ac(20MHz)
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U-NII-3 Output Power-802.11ax(20MHz)
,5745MHz,Ant1



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



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

