

2.7.4. Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

2.7.5. Test Result of AC Power Line Conducted Emission

Not applicable, the product is only powered by car charger DC.

3. List of measuring equipment

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	5M Anechoic Chamber	Albatross	SAC-5MAC 12.8x6.8x6.4m	A0304210	2022.06.09	2026.06.08
2	EMI Test Receiver	ROHDE&SCHWARZ	ESW26	A180502935	2023.06.08	2024.06.07
3	Loop Antenna	Schwarz beck	HFH2-Z2	A0304220	2022.05.02	2025.05.01
4	Broadband antenna (30MHz~1GHz)	R&S	HL562	A0304224	2023.06.08	2024.06.07
5	EMI Horn Ant. (1-18G)	ETC	MCTD-1209	A150402241	2023.05.16	2026.05.15
6	Horn antenna (18GHz~26.5GHz)	AR	AT4510	A0804450	2023.06.01	2024.05.31
7	Amplifier 30M~1GHz	MILMEGA	80RF1000-10004	A140101634	2023.10.20	2024.10.19
8	Amplifier 1G~18GHz	MILMEGA	AS0104R-800/400	A160302517	2023.10.20	2024.10.19
9	Spectrum Analyzer	KEYSIGHT	N9030A	A160702554	2023.02.20	2024.02.19
					2024.01.18	2025.01.17
10	Test Receiver	R&S	ESIB7	A0501375	2023.03.16	2024.03.15
					2024.02.28	2025.02.27
11	Broadband Ant.	ETC	MCTD 2786	A150402240	2023.05.22	2026.05.21
12	3M Anechoic Chamber	Albatross	SAC-3MAC 9*6*6m	A0412375	2019.03.26	2024.03.25
13	Temperature chamber	ESPEC	SU-642	A150802409	2023.03.18	2024.03.17
					2024.02.22	2025.02.21
14	Test Receiver	KEYSIGHT	N9038A	A141202036	2023.06.12	2024.06.11
15	LISN	ROHDE&SCHWARZ	ENV216	A140701847	2023.06.08	2024.06.07
16	Power Supply	R&S	WYJ-60100	A141102031	2023.07.12	2026.07.11

4. Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.10-2013. All the measurement uncertainty value were shown with a coverage $K=2$ to indicate 95% level of confidence . The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of AC Power Line Conducted Emission Measurement (150kHz~30MHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	2.8dB
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Uncertainty of Radiated Emission Measurement (9kHz~30MHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	3.5dB
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Uncertainty of Radiated Emission Measurement (30MHz~1GHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	3.91dB
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Uncertainty of Radiated Emission Measurement (1GHz~18GHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	4.5dB
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Uncertainty of Radiated Emission Measurement (18GHz~40GHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	4.9dB
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Uncertainty of RF Conducted Measurement (9kHz~40GHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	1.2dB
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Uncertainty of Occupied Bandwidth Measurement

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	1.2%
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Appendix A

Output power Test Result and Data

U-NII-1 AVGSA Output Power				
Mode	Frequency (MHz)	Power (dBm)	Power Limit (dBm)	Result
802.11n (20MHz)	5180	13.35	24	Pass
802.11n (20MHz)	5220	13.05	24	Pass
802.11n (20MHz)	5240	13.04	24	Pass
802.11n (40MHz)	5190	12.35	24	Pass
802.11n (40MHz)	5230	12.29	24	Pass
802.11ac (20MHz)	5180	11.06	24	Pass
802.11ac (20MHz)	5220	10.99	24	Pass
802.11ac (20MHz)	5240	11.14	24	Pass
802.11ac (40MHz)	5190	9.54	24	Pass
802.11ac (40MHz)	5230	9.30	24	Pass
802.11ac (80MHz)	5210	7.92	24	Pass
802.11a (20MHz)	5180	14.94	24	Pass
802.11a (20MHz)	5220	14.42	24	Pass
802.11a (20MHz)	5240	14.37	24	Pass



U-NII-2a AVGSA Output Power				
Mode	Frequency (MHz)	Power (dBm)	Power Limit (dBm)	Result
802.11n (20MHz)	5260	12.89	24	Pass
802.11n (20MHz)	5300	12.77	24	Pass
802.11n (20MHz)	5320	12.67	24	Pass
802.11n (40MHz)	5270	11.99	24	Pass
802.11n (40MHz)	5310	11.63	24	Pass
802.11ac (20MHz)	5260	10.80	24	Pass
802.11ac (20MHz)	5300	10.63	24	Pass
802.11ac (20MHz)	5320	10.72	24	Pass
802.11ac (40MHz)	5270	8.85	24	Pass
802.11ac (40MHz)	5310	8.64	24	Pass
802.11ac (80MHz)	5290	7.38	24	Pass
802.11a (20MHz)	5260	14.12	24	Pass
802.11a (20MHz)	5300	13.76	24	Pass
802.11a (20MHz)	5320	14.08	24	Pass



U-NII-2c AVGSA Output Power				
Mode	Frequency (MHz)	Power (dBm)	Power Limit (dBm)	Result
802.11n (20MHz)	5500	12.34	24	Pass
802.11n (20MHz)	5580	12.19	24	Pass
802.11n (20MHz)	5700	11.26	24	Pass
802.11n (40MHz)	5510	11.23	24	Pass
802.11n (40MHz)	5550	11.16	24	Pass
802.11n (40MHz)	5670	10.66	24	Pass
802.11ac (20MHz)	5500	10.49	24	Pass
802.11ac (20MHz)	5580	10.05	24	Pass
802.11ac (20MHz)	5700	9.08	24	Pass
802.11ac (40MHz)	5510	8.68	24	Pass
802.11ac (40MHz)	5550	8.56	24	Pass
802.11ac (40MHz)	5670	7.93	24	Pass
802.11ac (80MHz)	5530	7.35	24	Pass
802.11a (20MHz)	5500	13.71	24	Pass
802.11a (20MHz)	5580	13.47	24	Pass
802.11a (20MHz)	5700	12.61	24	Pass



U-NII-3 AVGSA Output Power				
Mode	Frequency (MHz)	Power (dBm)	Power Limit (dBm)	Result
802.11n (20MHz)	5745	12.22	30	Pass
802.11n (20MHz)	5785	11.60	30	Pass
802.11n (20MHz)	5825	11.36	30	Pass
802.11n (40MHz)	5755	11.20	30	Pass
802.11n (40MHz)	5795	10.92	30	Pass
802.11ac (20MHz)	5745	10.14	30	Pass
802.11ac (20MHz)	5785	9.49	30	Pass
802.11ac (20MHz)	5825	9.15	30	Pass
802.11ac (40MHz)	5755	8.63	30	Pass
802.11ac (40MHz)	5795	8.34	30	Pass
802.11ac (80MHz)	5775	7.09	30	Pass
802.11a (20MHz)	5745	13.77	30	Pass
802.11a (20MHz)	5785	13.12	30	Pass
802.11a (20MHz)	5825	12.78	30	Pass

Test plots

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



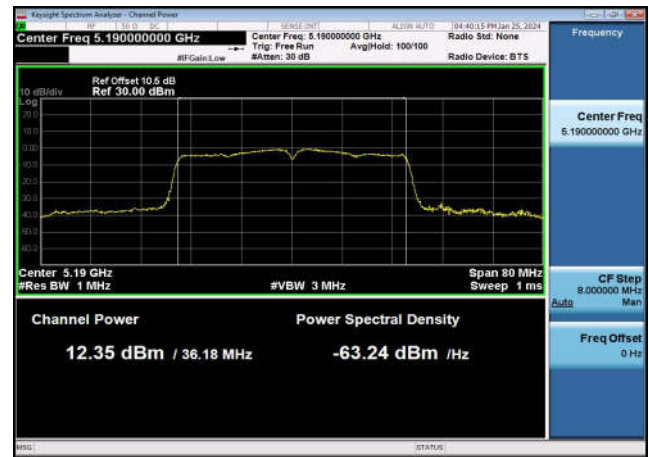
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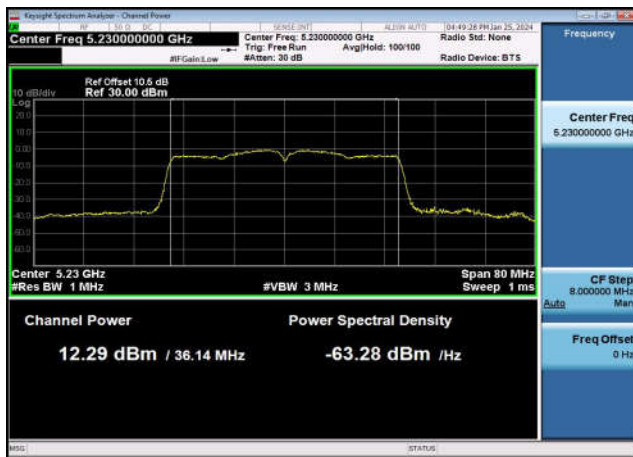
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,5240MHz,Ant1



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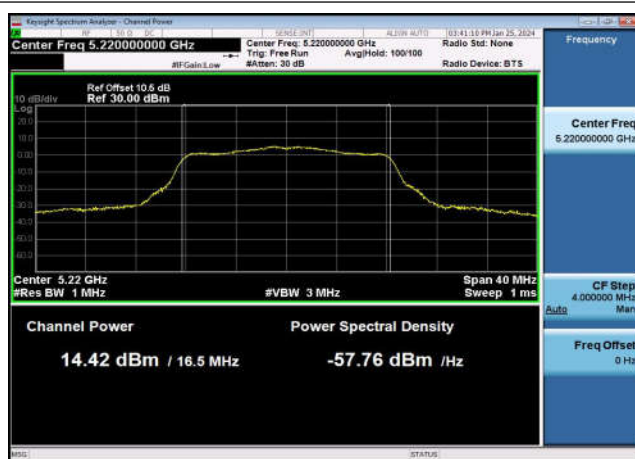
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,5230MHz,Ant1



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



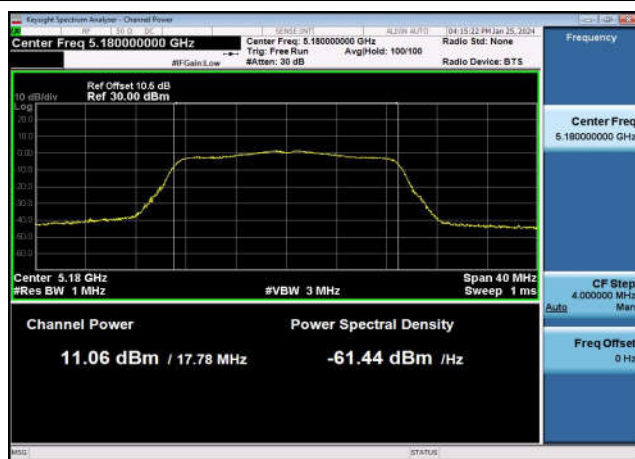
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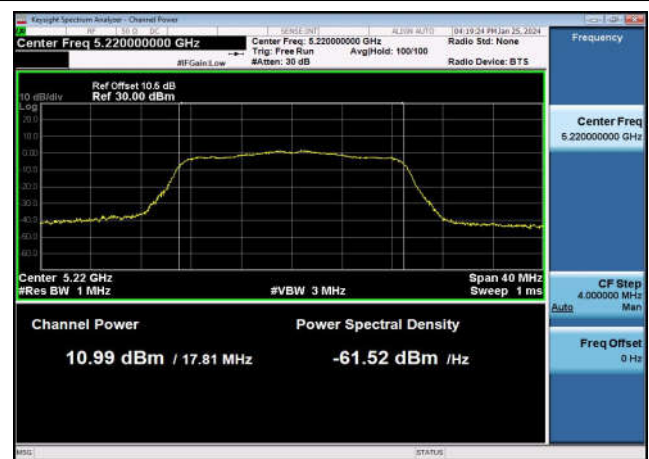
U-NII-1 Output Power-802.11a(20MHz)
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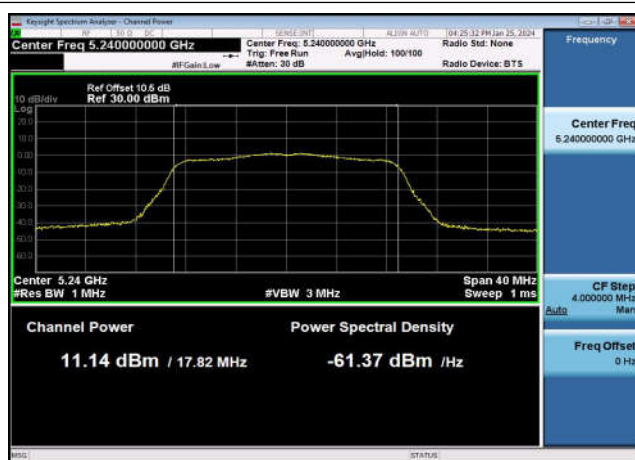
U-NII-1 Output Power-802.11ac(20MHz)
,5180MHz,Ant1



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



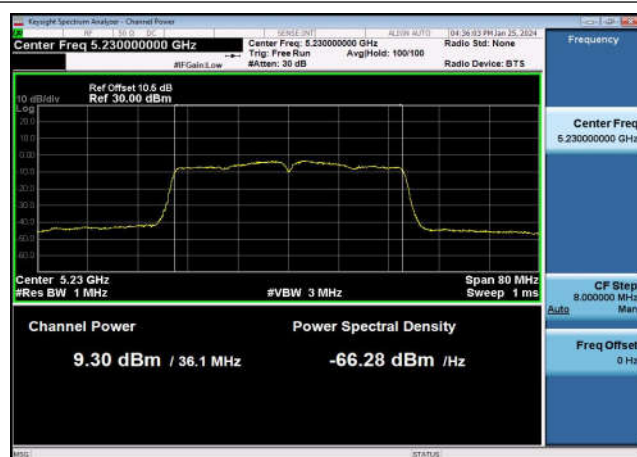
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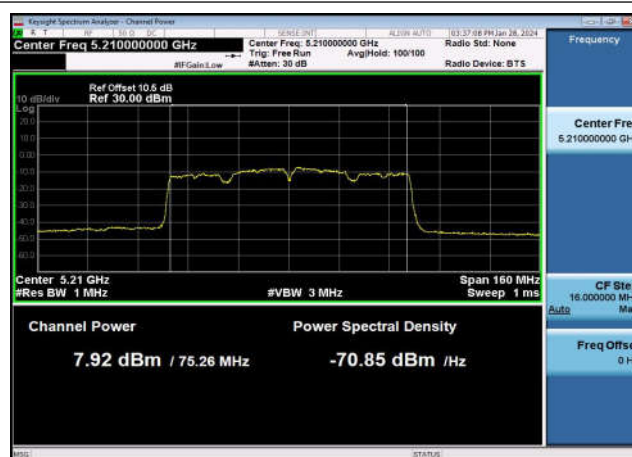
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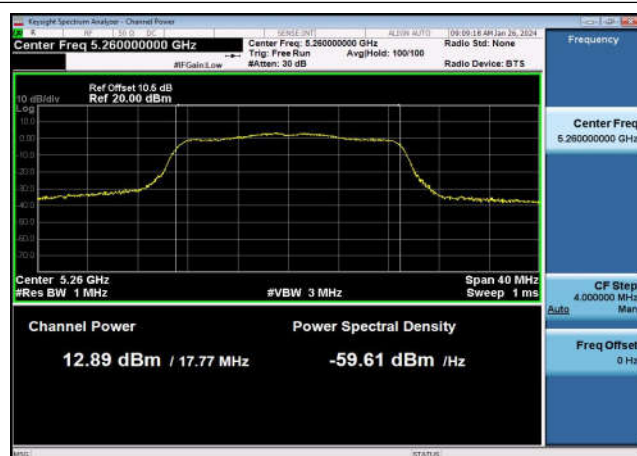
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,5230MHz,Ant1



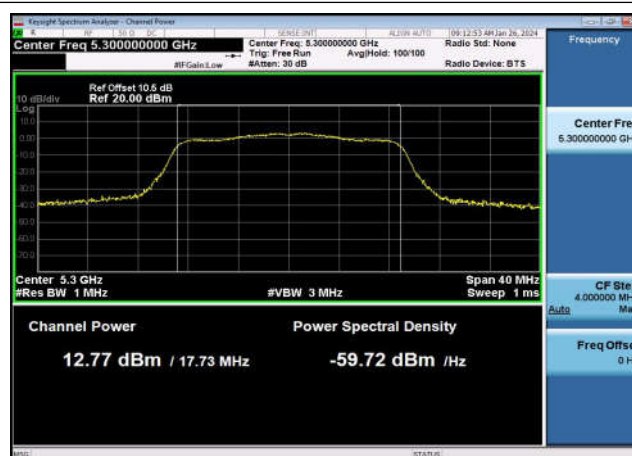
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U-NII-2a Output Power-802.11n(20MHz)
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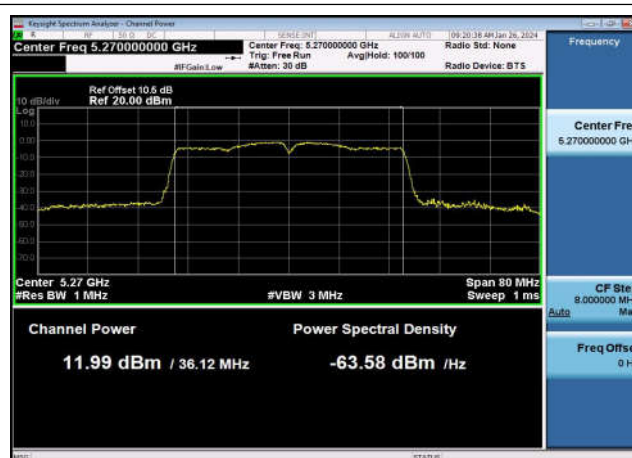
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U-NII-2a Output Power-802.11n(20MHz)
,5320MHz,Ant1



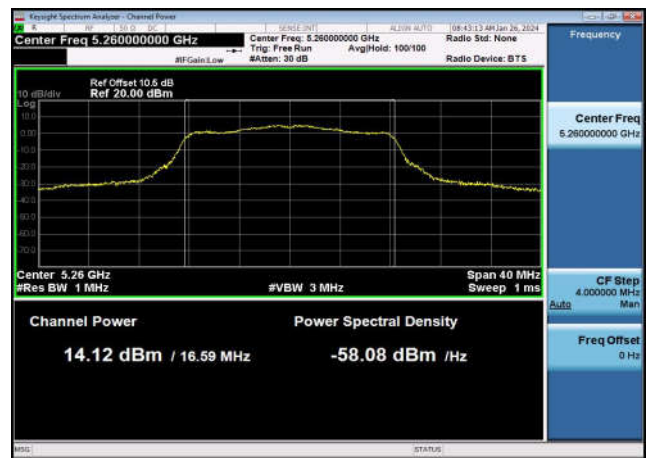
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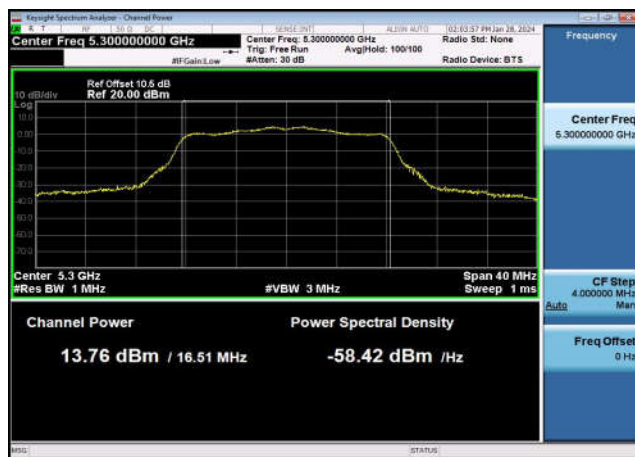
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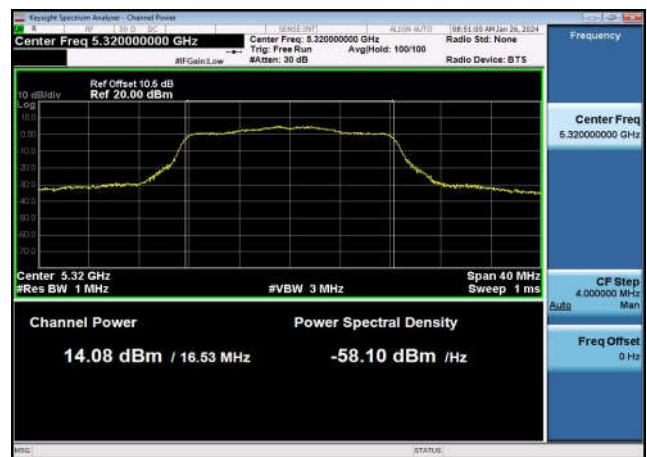
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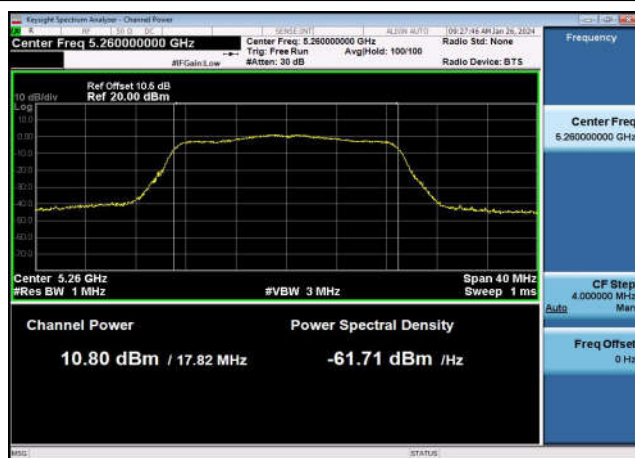
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,5300MHz,Ant1



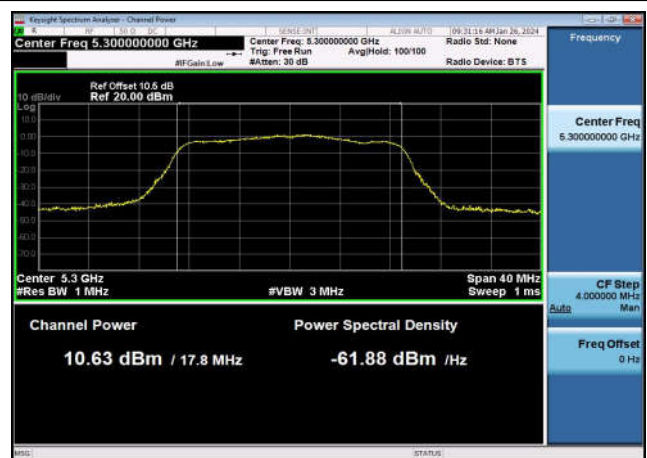
U-NII-2a Output Power-802.11a(20MHz)
,5320MHz,Ant1



U-NII-2a Output Power-802.11ac(20MHz)
,5260MHz,Ant1



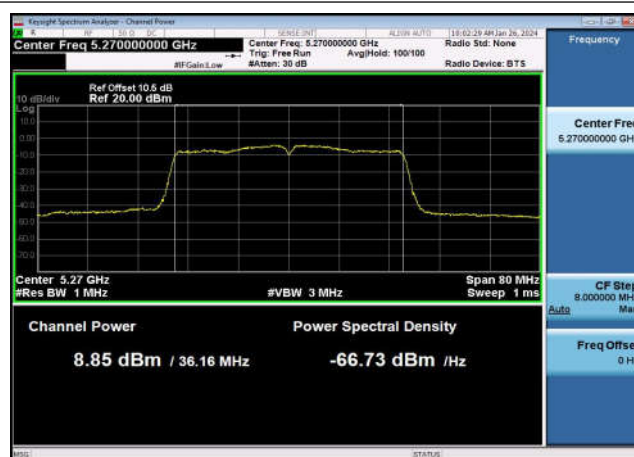
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,5300MHz,Ant1



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,5320MHz,Ant1



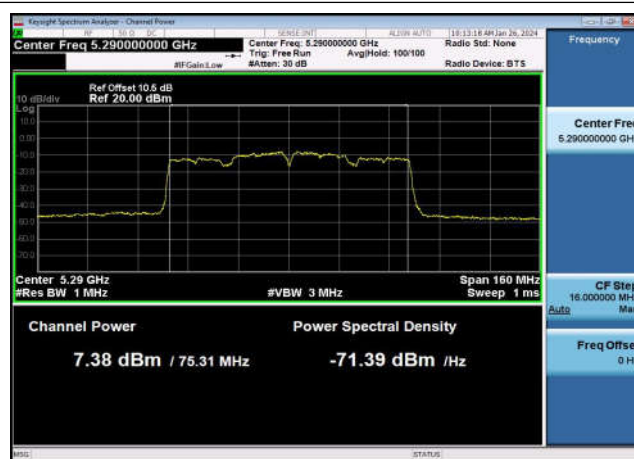
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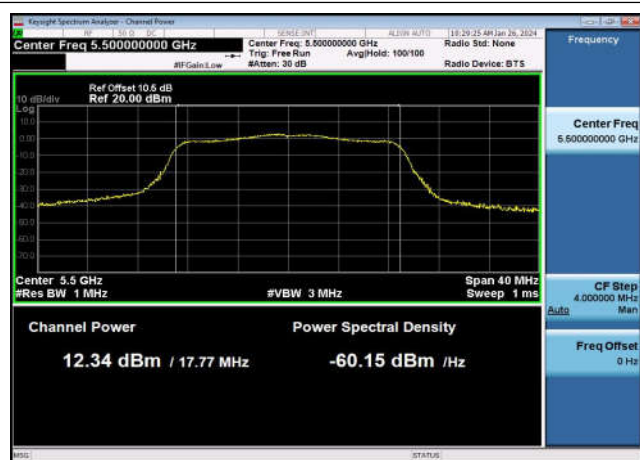
U-NII-2a Output Power-802.11ac(40MHz)
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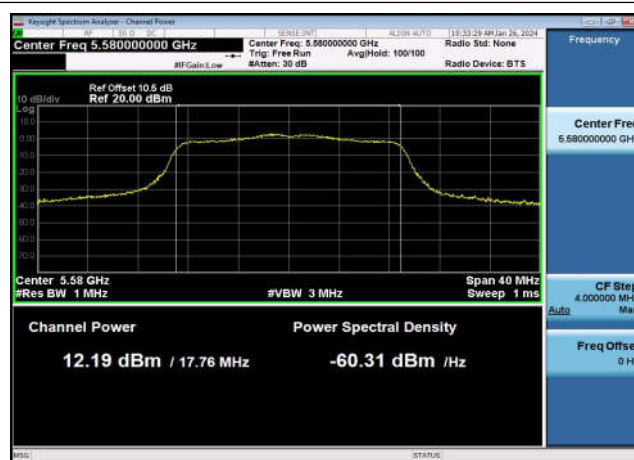
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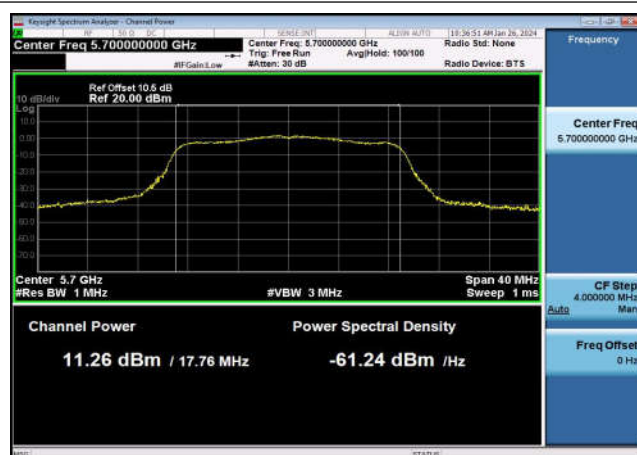
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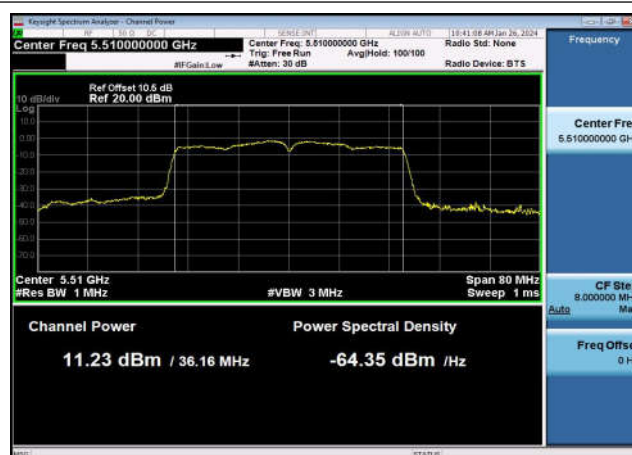
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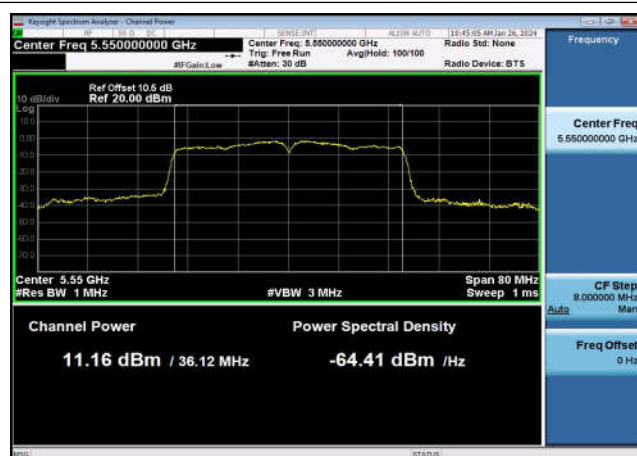
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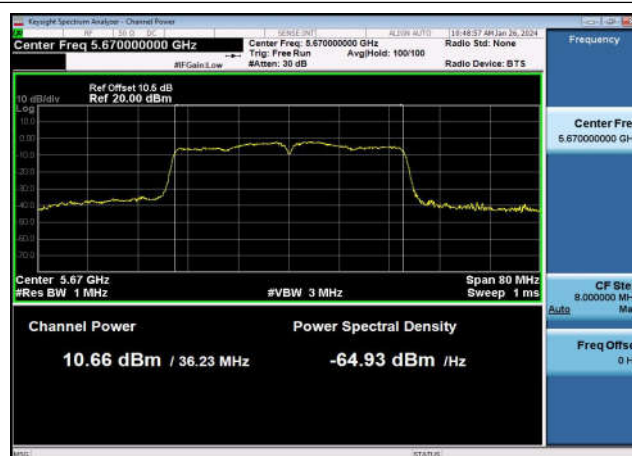
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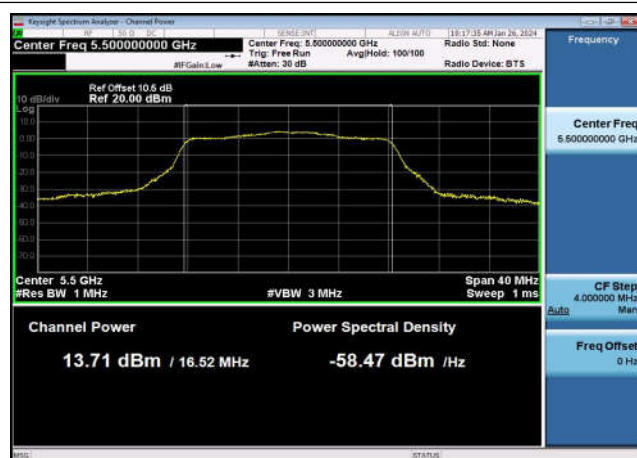
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U-NII-2c Output Power-802.11n(40MHz)
,5670MHz,Ant1



U-NII-2c Output Power-802.11a(20MHz)
,5500MHz,Ant1



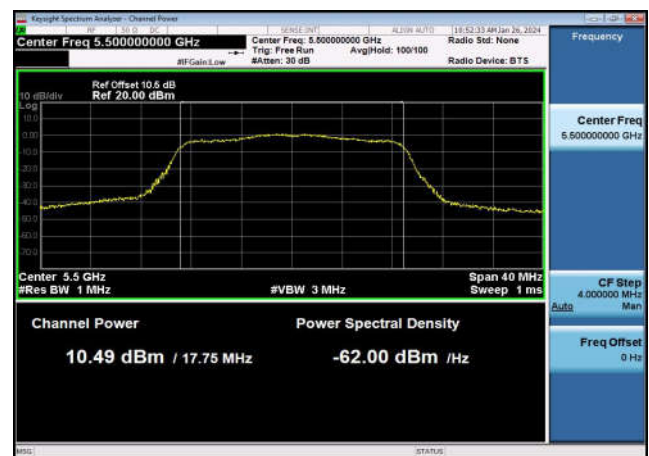
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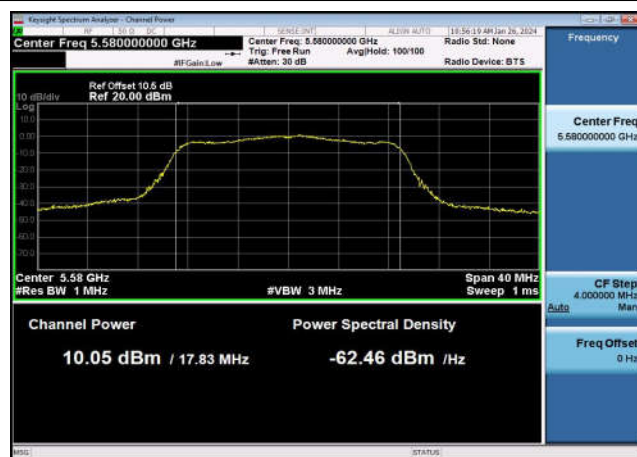
U-NII-2c Output Power-802.11a(20MHz)
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U-NII-2c Output Power-802.11ac(20MHz)
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U-NII-2c Output Power-802.11ac(20MHz)
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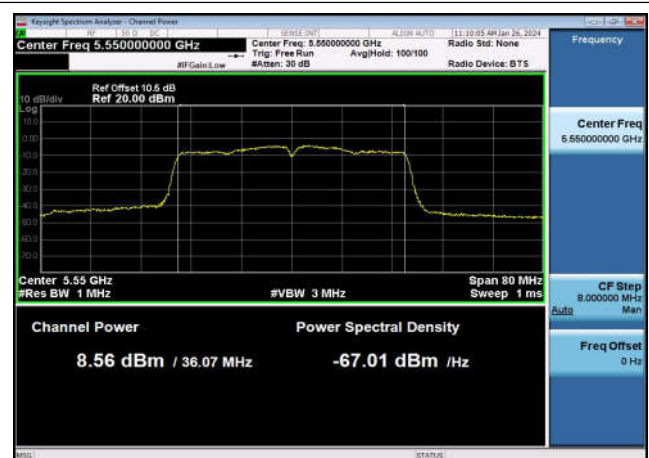
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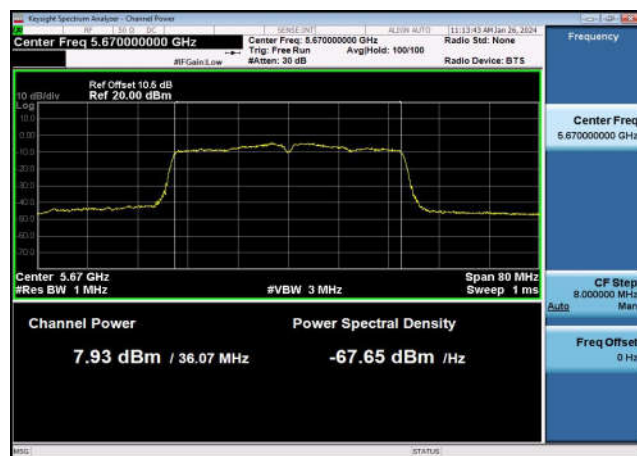
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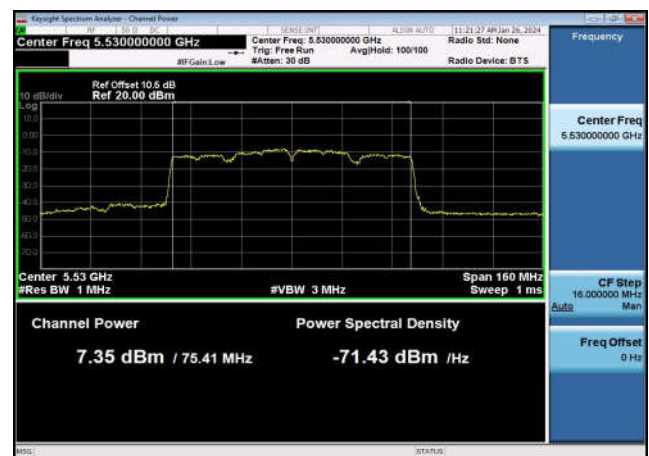
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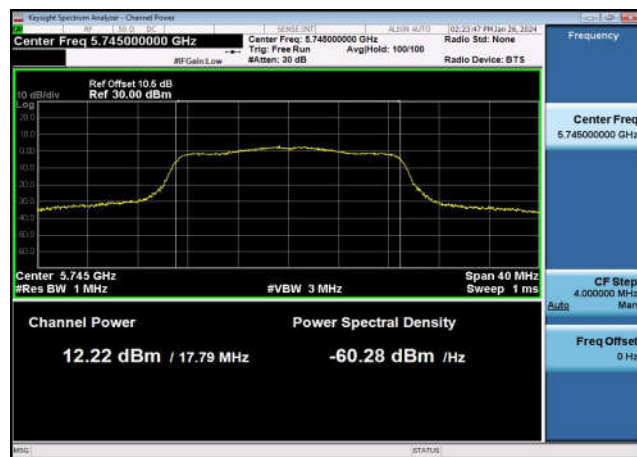
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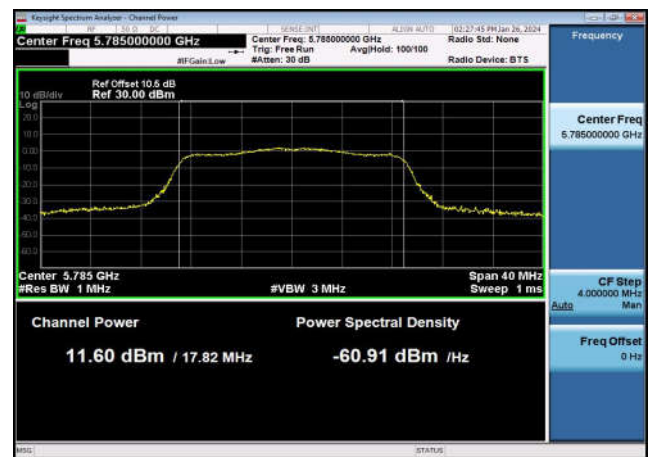
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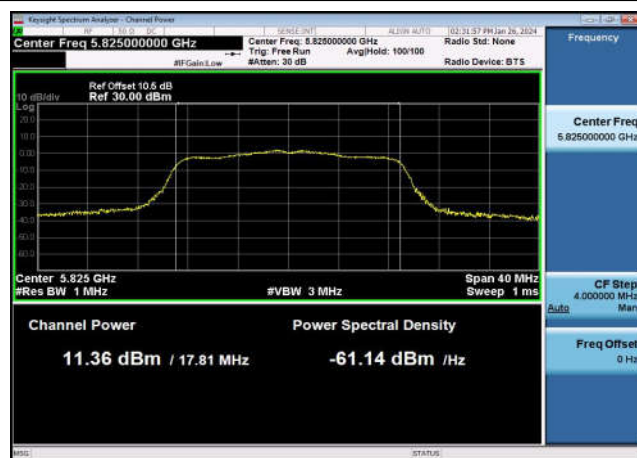
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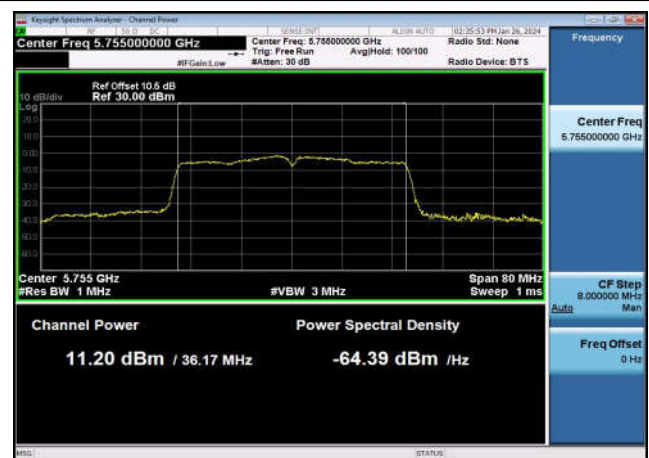
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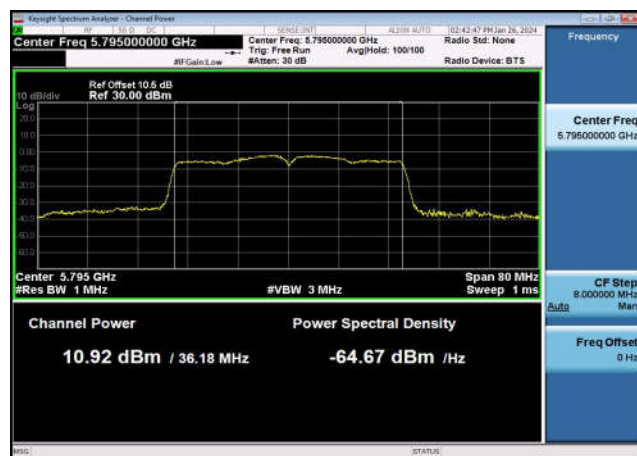
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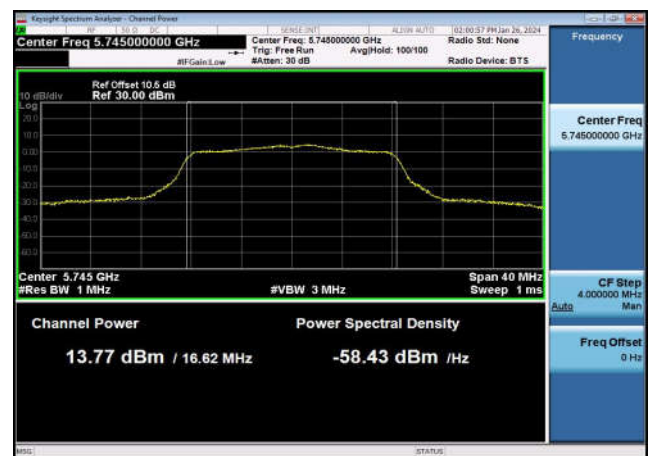
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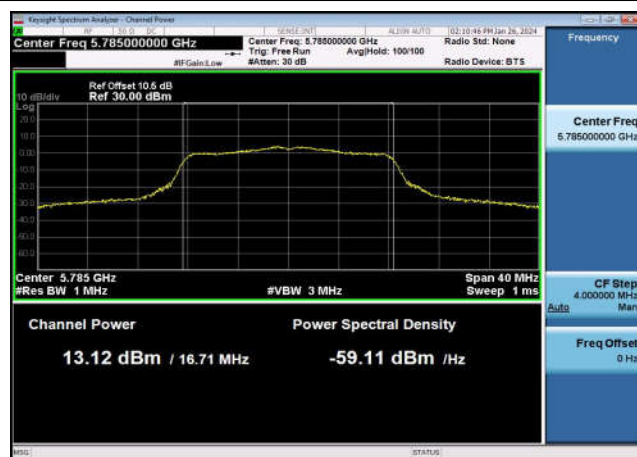
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U-NII-3 Output Power-802.11a(20MHz)
,5745MHz,Ant1



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



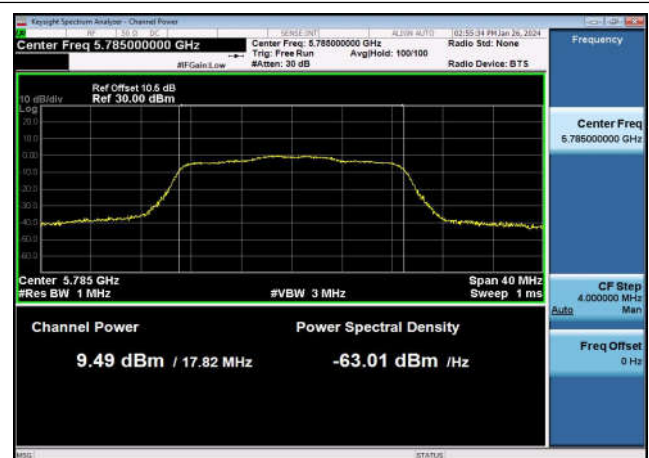
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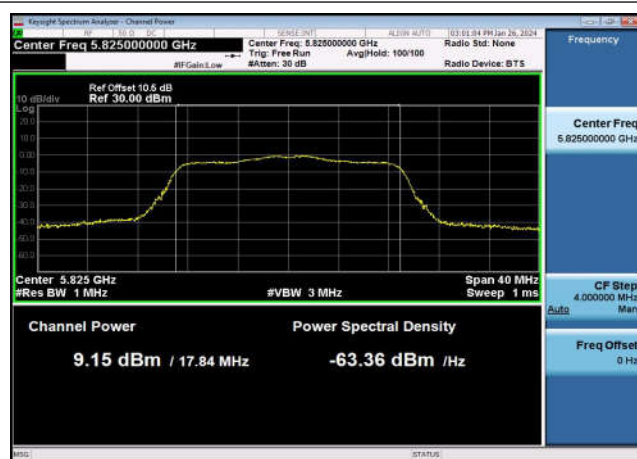
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U-NII-3 Output Power-802.11ac(20MHz)
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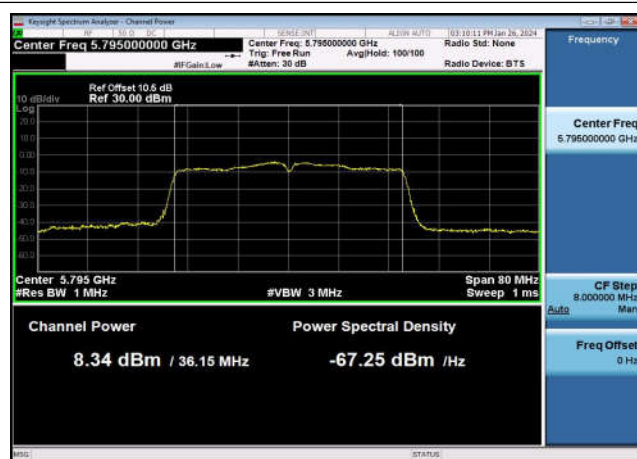
U-NII-3 Output Power-802.11ac(20MHz)
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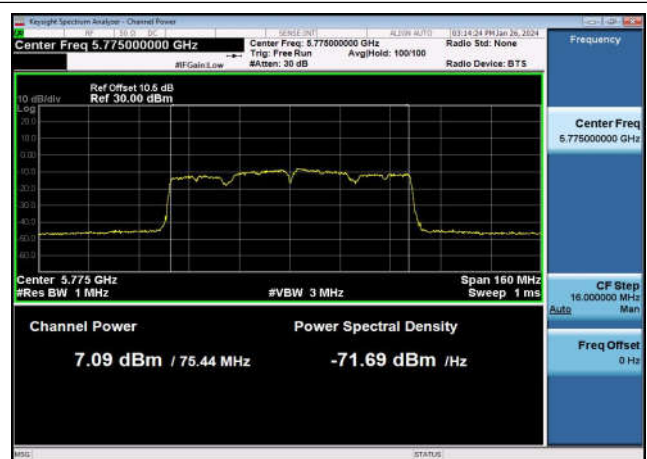
U-NII-3 Output Power-802.11ac(40MHz)
,5755MHz,Ant1



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



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



AVGSA Power Spectral Density

Test Result and Data

U-NII-1 AVGSA Power Spectral Density				
Mode	Test Frequency (MHz)	PSD (dBm/1MHz)	Limit (dBm/1MHz)	Result
802.11n (20MHz)	5180	4.032	11	Pass
802.11n (20MHz)	5220	3.486	11	Pass
802.11n (20MHz)	5240	3.532	11	Pass
802.11n (40MHz)	5190	-0.164	11	Pass
802.11n (40MHz)	5230	-0.285	11	Pass
802.11ac (20MHz)	5180	2.060	11	Pass
802.11ac (20MHz)	5220	1.629	11	Pass
802.11ac (20MHz)	5240	1.578	11	Pass
802.11ac (40MHz)	5190	-3.024	11	Pass
802.11ac (40MHz)	5230	-3.437	11	Pass
802.11ac (80MHz)	5210	-7.478	11	Pass
802.11a (20MHz)	5180	5.903	11	Pass
802.11a (20MHz)	5220	5.303	11	Pass
802.11a (20MHz)	5240	5.148	11	Pass

U-NII-2a AVGSA Power Spectral Density				
Mode	Test Frequency (MHz)	PSD (dBm/1MHz)	Limit (dBm/1MHz)	Result
802.11n (20MHz)	5260	4.148	11	Pass
802.11n (20MHz)	5300	3.676	11	Pass
802.11n (20MHz)	5320	3.438	11	Pass
802.11n (40MHz)	5270	-0.253	11	Pass
802.11n (40MHz)	5310	-0.210	11	Pass
802.11ac (20MHz)	5260	1.873	11	Pass
802.11ac (20MHz)	5300	1.878	11	Pass
802.11ac (20MHz)	5320	1.595	11	Pass
802.11ac (40MHz)	5270	-2.804	11	Pass
802.11ac (40MHz)	5310	-3.282	11	Pass
802.11ac (80MHz)	5290	-7.336	11	Pass
802.11a (20MHz)	5260	5.823	11	Pass
802.11a (20MHz)	5300	5.583	11	Pass
802.11a (20MHz)	5320	5.551	11	Pass



U-NII-2c AVGSA Power Spectral Density				
Mode	Test Frequency (MHz)	PSD (dBm/1MHz)	Limit (dBm/1MHz)	Result
802.11n (20MHz)	5500	3.325	11	Pass
802.11n (20MHz)	5580	3.168	11	Pass
802.11n (20MHz)	5700	1.991	11	Pass
802.11n (40MHz)	5510	-0.208	11	Pass
802.11n (40MHz)	5550	-0.957	11	Pass
802.11n (40MHz)	5670	-1.404	11	Pass
802.11ac (20MHz)	5500	1.557	11	Pass
802.11ac (20MHz)	5580	1.012	11	Pass
802.11ac (20MHz)	5700	-0.427	11	Pass
802.11ac (40MHz)	5510	-3.169	11	Pass
802.11ac (40MHz)	5550	-3.285	11	Pass
802.11ac (40MHz)	5670	-4.086	11	Pass
802.11ac (80MHz)	5530	-7.083	11	Pass
802.11a (20MHz)	5500	4.713	11	Pass
802.11a (20MHz)	5580	5.007	11	Pass
802.11a (20MHz)	5700	3.770	11	Pass



U-NII-3 AVGSA Power Spectral Density				
Mode	Test Frequency (MHz)	PSD (dBm/510kHz)	Limit (dBm/510kHz)	Result
802.11n (20MHz)	5745	-0.008	30	Pass
802.11n (20MHz)	5785	-0.839	30	Pass
802.11n (20MHz)	5825	-0.856	30	Pass
802.11n (40MHz)	5755	-3.483	30	Pass
802.11n (40MHz)	5795	-4.185	30	Pass
802.11ac (20MHz)	5745	-2.291	30	Pass
802.11ac (20MHz)	5785	-2.536	30	Pass
802.11ac (20MHz)	5825	-2.657	30	Pass
802.11ac (40MHz)	5755	-6.105	30	Pass
802.11ac (40MHz)	5795	-6.342	30	Pass
802.11ac (80MHz)	5775	-10.553	30	Pass
802.11a (20MHz)	5745	1.966	30	Pass
802.11a (20MHz)	5785	1.299	30	Pass
802.11a (20MHz)	5825	0.946	30	Pass

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



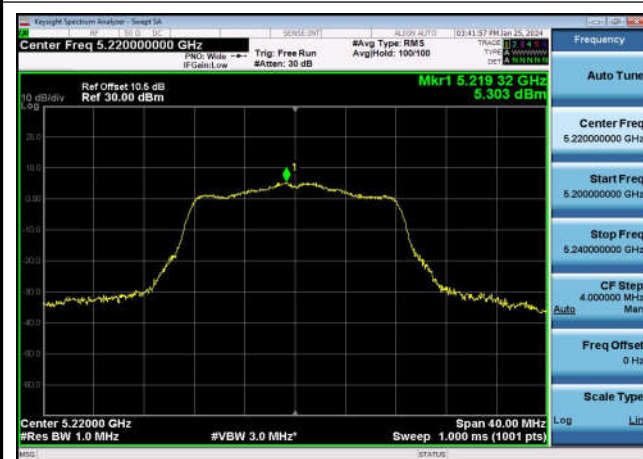
U-NII-1 Power spectral density-802.11
n(40MHz),5230MHz,Ant1



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



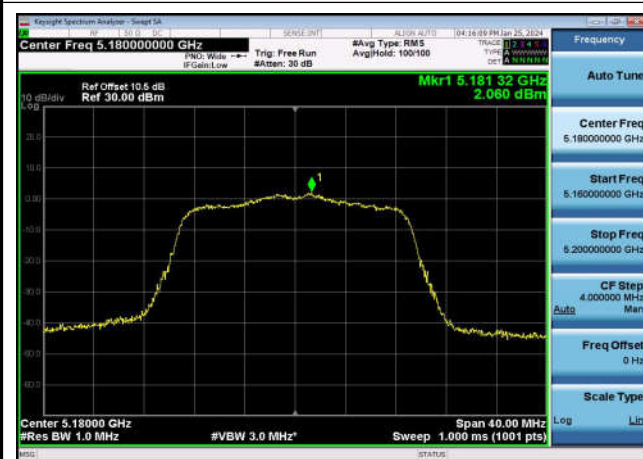
U-NII-1 Power spectral density-802.11
a(20MHz),5220MHz,Ant1



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



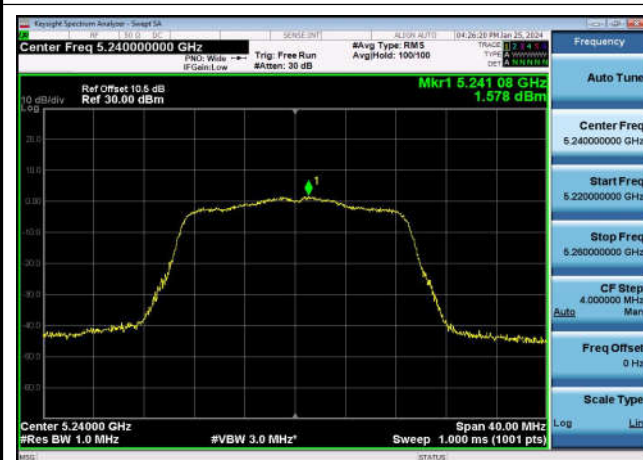
U-NII-1 Power spectral density-802.11
ac(20MHz),5180MHz,Ant1



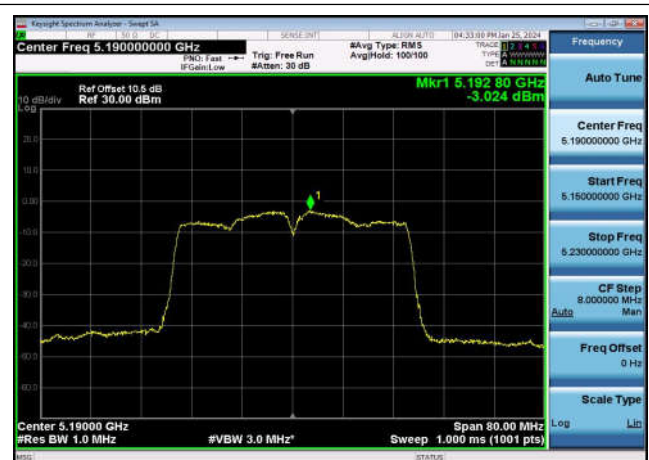
U-NII-1 Power spectral density-802.11
ac(20MHz),5220MHz,Ant1



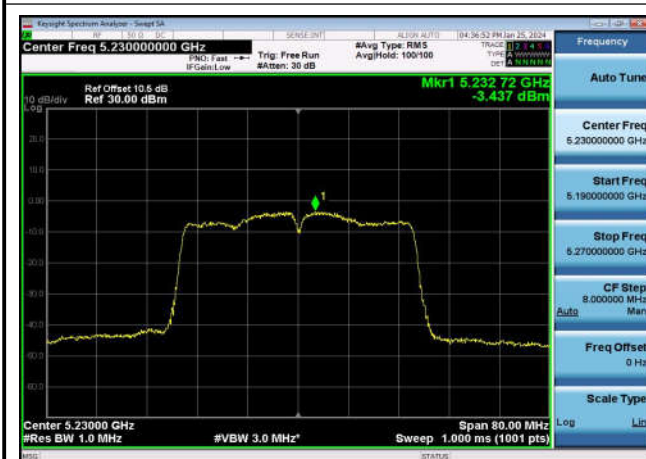
U-NII-1 Power spectral density-802.11
ac(20MHz),5240MHz,Ant1



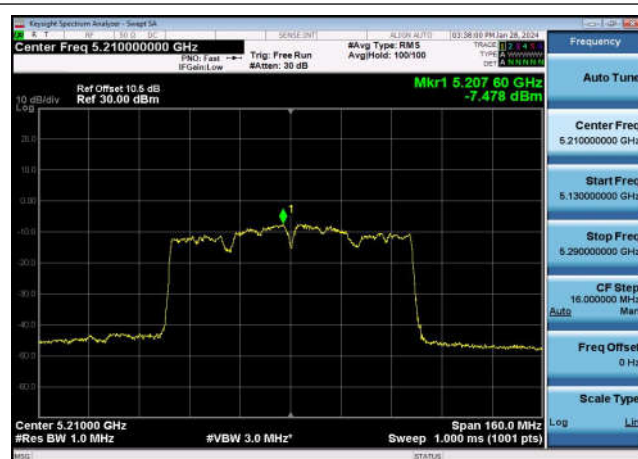
U-NII-1 Power spectral density-802.11
ac(40MHz),5190MHz,Ant1



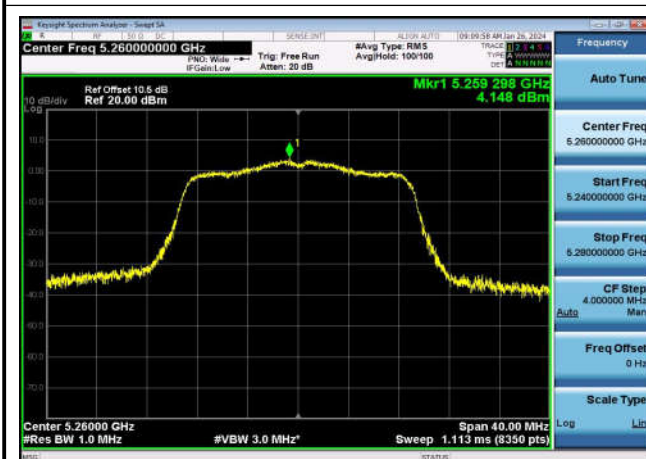
U-NII-1 Power spectral density-802.11
ac(40MHz),5230MHz,Ant1



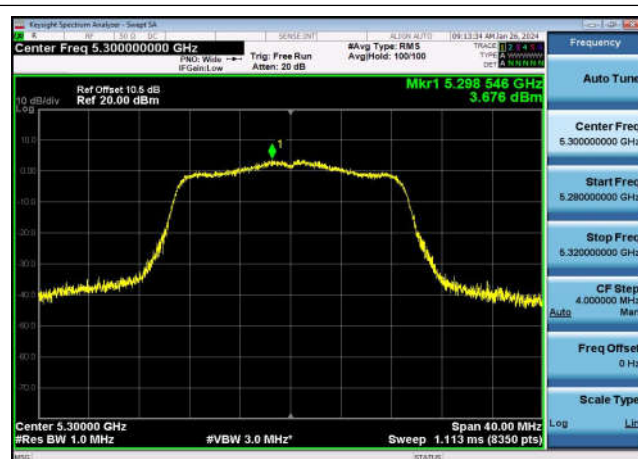
U-NII-1 Power spectral density-802.11
ac(80MHz),5210MHz,Ant1



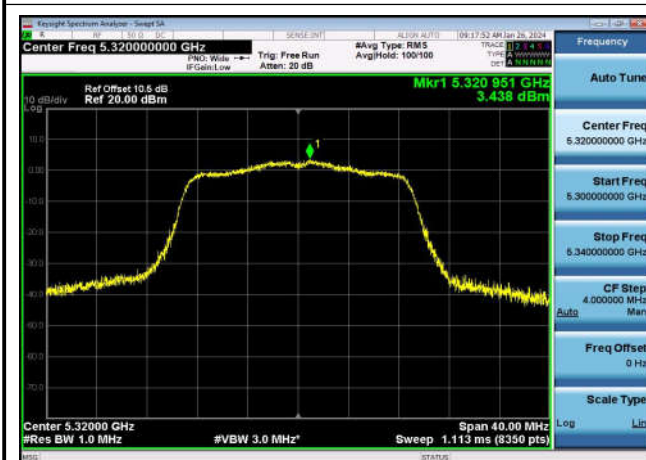
U-NII-2a Power spectral density-802.1
1n(20MHz),5260MHz,Ant1



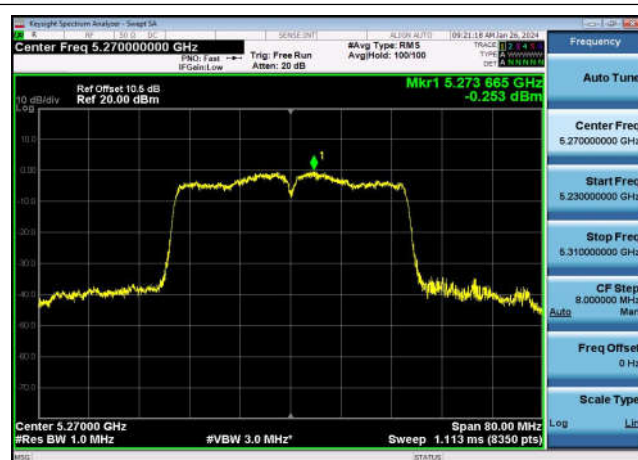
U-NII-2a Power spectral density-802.1
1n(20MHz),5300MHz,Ant1



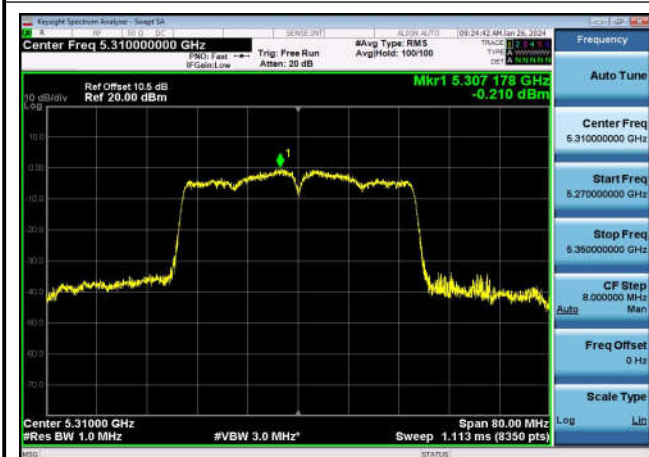
U-NII-2a Power spectral density-802.1
1n(20MHz),5320MHz,Ant1



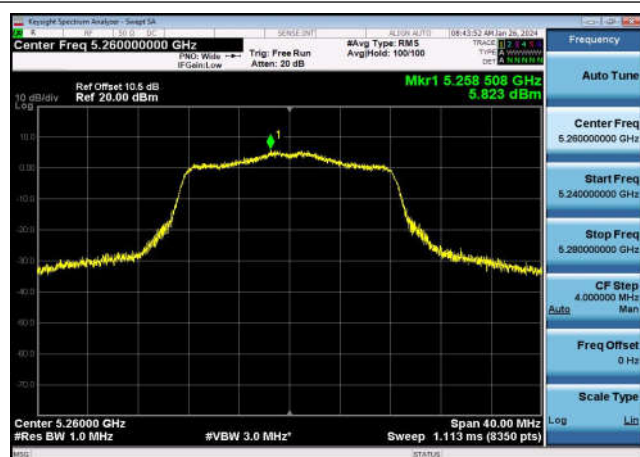
U-NII-2a Power spectral density-802.1
1n(40MHz),5270MHz,Ant1



U-NII-2a Power spectral density-802.1
1n(40MHz),5310MHz,Ant1



U-NII-2a Power spectral density-802.1
1a(20MHz),5260MHz,Ant1



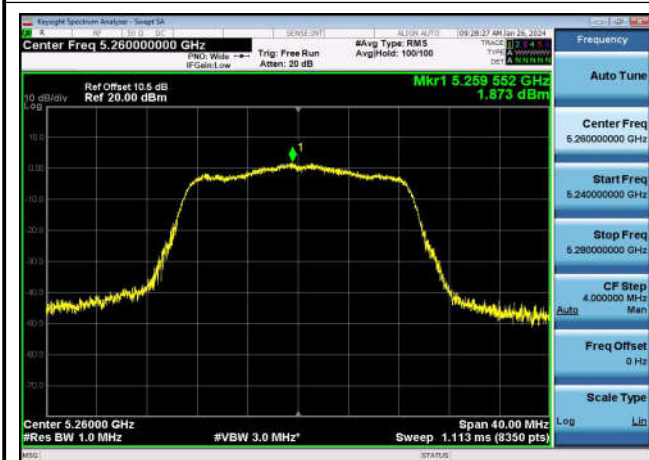
U-NII-2a Power spectral density-802.1
1a(20MHz),5300MHz,Ant1



U-NII-2a Power spectral density-802.1
1a(20MHz),5320MHz,Ant1



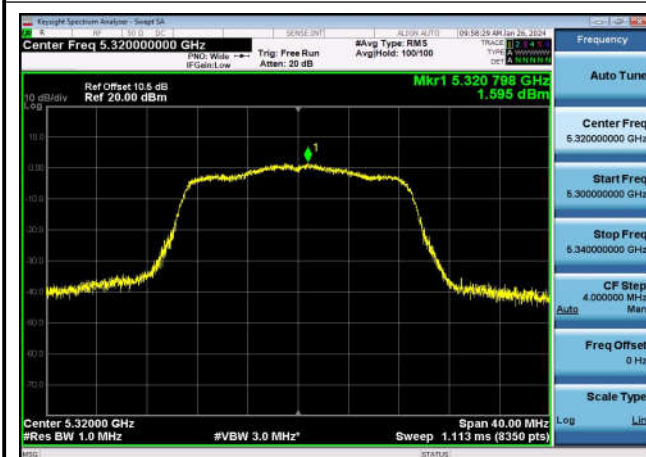
U-NII-2a Power spectral density-802.1
1ac(20MHz),5260MHz,Ant1



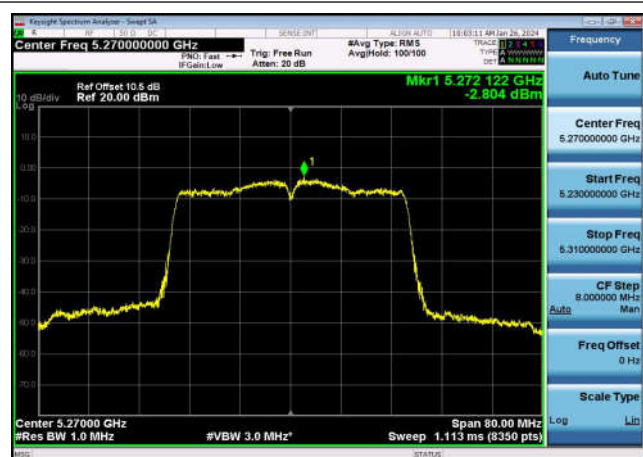
U-NII-2a Power spectral density-802.1
1ac(20MHz),5300MHz,Ant1



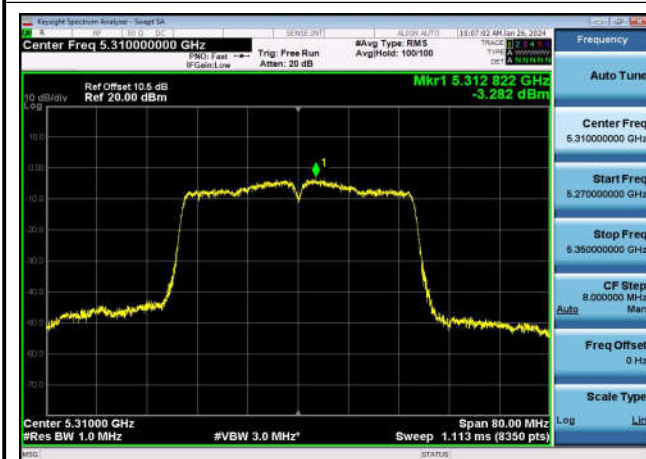
U-NII-2a Power spectral density-802.1
1ac(20MHz),5320MHz,Ant1



U-NII-2a Power spectral density-802.1
1ac(40MHz),5270MHz,Ant1



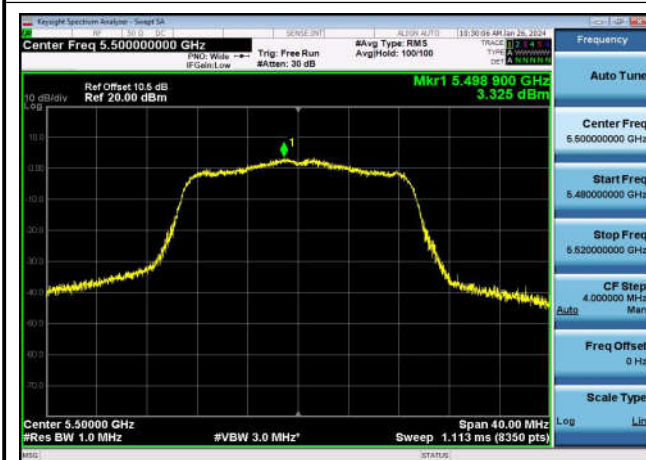
U-NII-2a Power spectral density-802.1
1ac(40MHz),5310MHz,Ant1



U-NII-2a Power spectral density-802.1
1ac(80MHz),5290MHz,Ant1



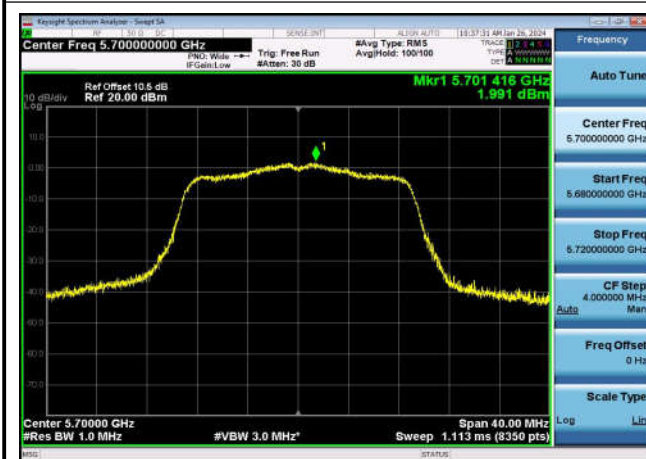
U-NII-2c Power spectral density-802.1
1n(20MHz),5500MHz,Ant1



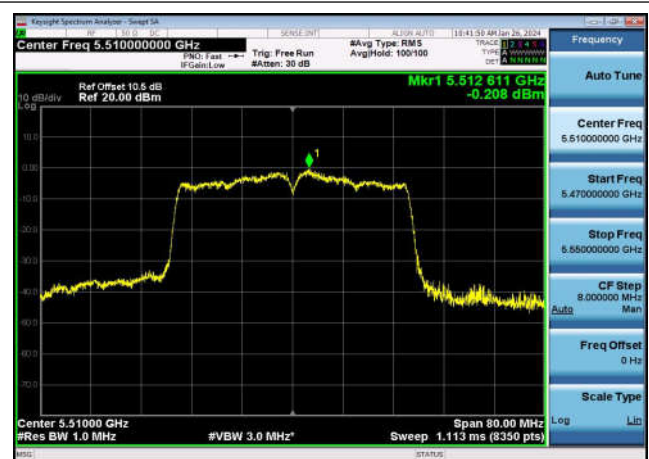
U-NII-2c Power spectral density-802.1
1n(20MHz),5580MHz,Ant1



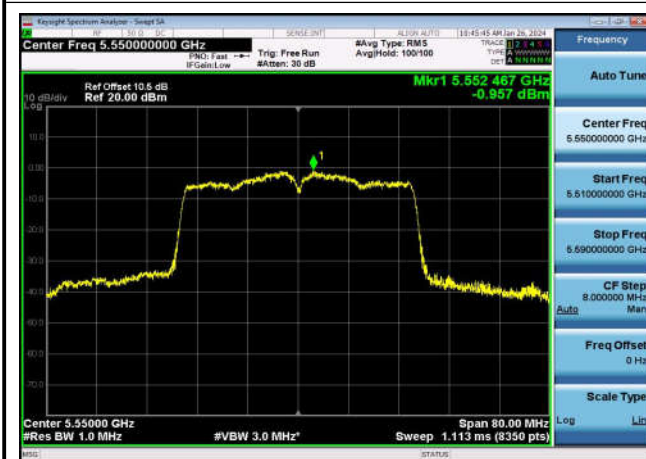
U-NII-2c Power spectral density-802.1
1n(20MHz),5700MHz,Ant1



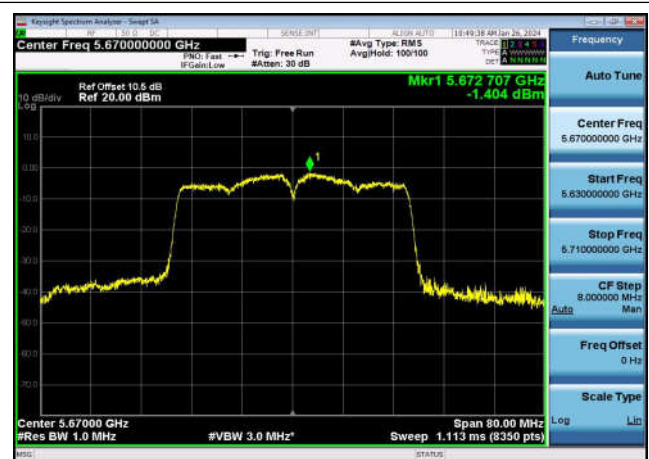
U-NII-2c Power spectral density-802.1
1n(40MHz),5510MHz,Ant1



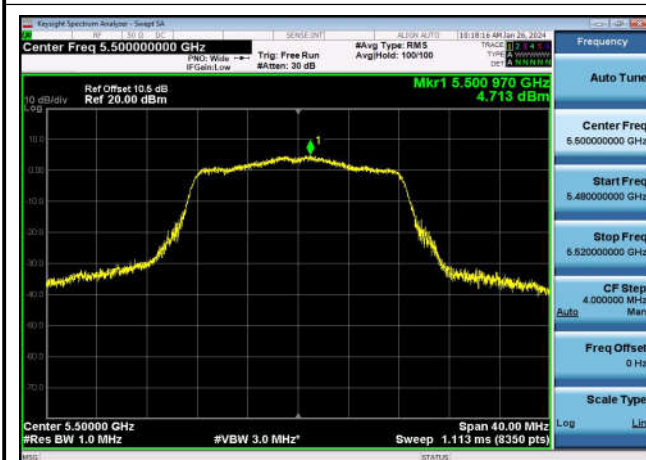
U-NII-2c Power spectral density-802.1
1n(40MHz),5550MHz,Ant1



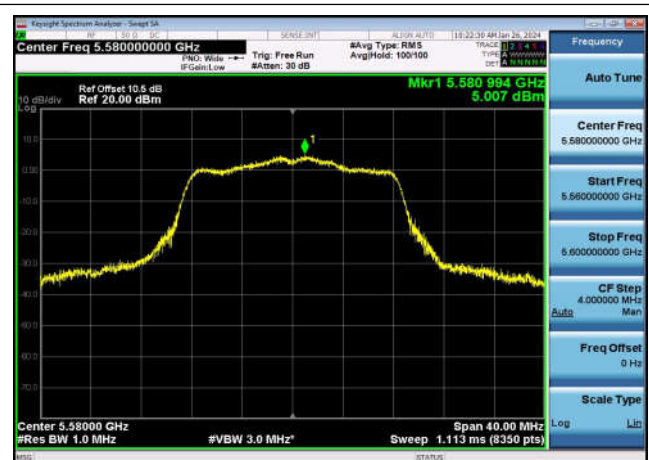
U-NII-2c Power spectral density-802.1
1n(40MHz),5670MHz,Ant1



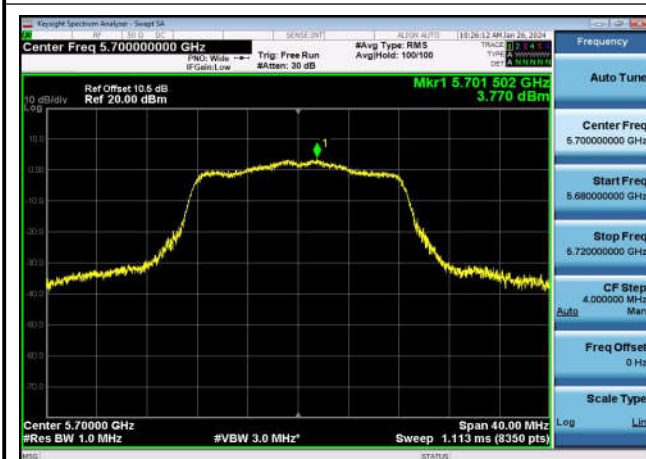
U-NII-2c Power spectral density-802.1
1a(20MHz),5500MHz,Ant1



U-NII-2c Power spectral density-802.1
1a(20MHz),5580MHz,Ant1



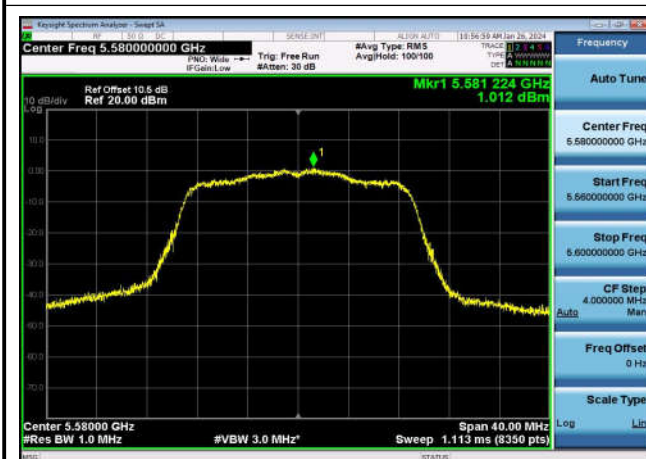
U-NII-2c Power spectral density-802.1
1a(20MHz),5700MHz,Ant1



U-NII-2c Power spectral density-802.1
1ac(20MHz),5500MHz,Ant1



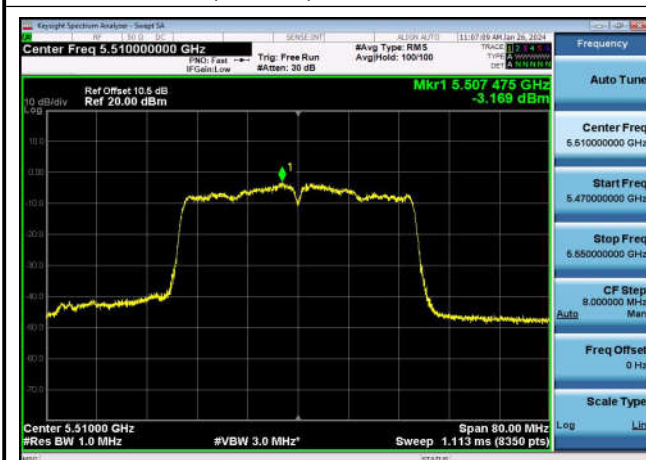
U-NII-2c Power spectral density-802.1
1ac(20MHz),5580MHz,Ant1



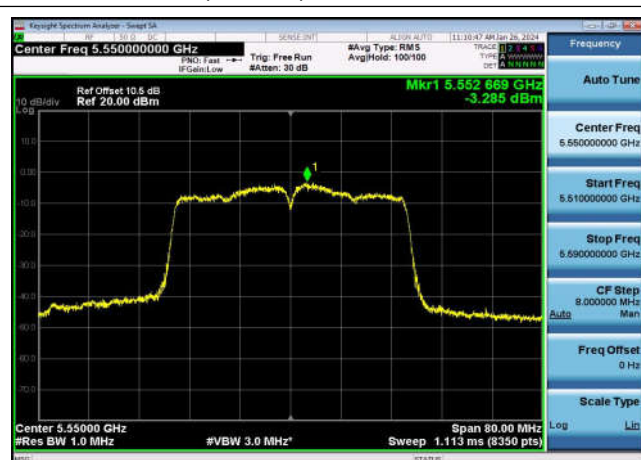
U-NII-2c Power spectral density-802.1
1ac(20MHz),5700MHz,Ant1



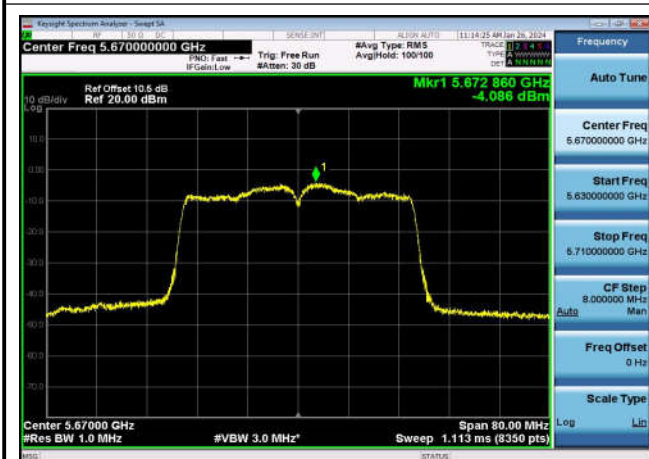
U-NII-2c Power spectral density-802.1
1ac(40MHz),5510MHz,Ant1



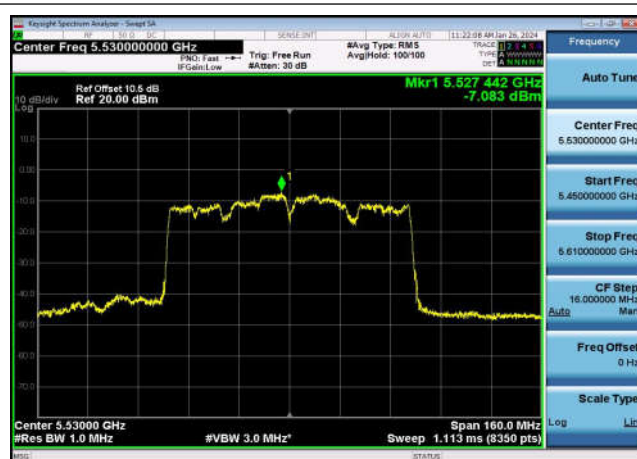
U-NII-2c Power spectral density-802.1
1ac(40MHz),5550MHz,Ant1



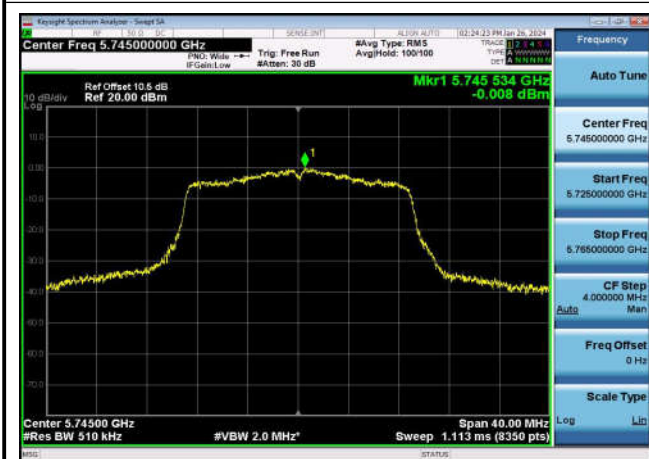
U-NII-2c Power spectral density-802.1
1ac(40MHz),5670MHz,Ant1



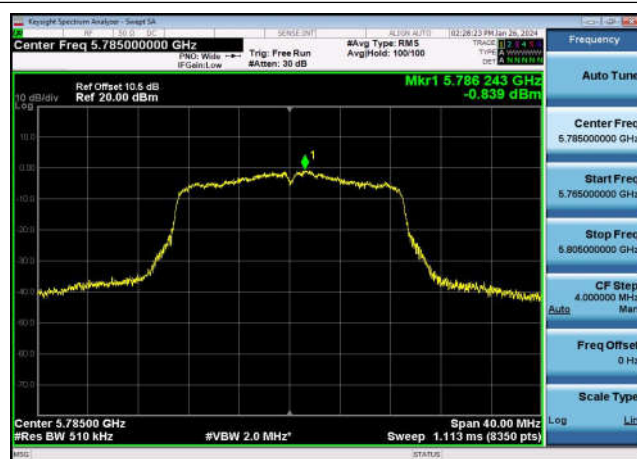
U-NII-2c Power spectral density-802.1
1ac(80MHz),5530MHz,Ant1



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



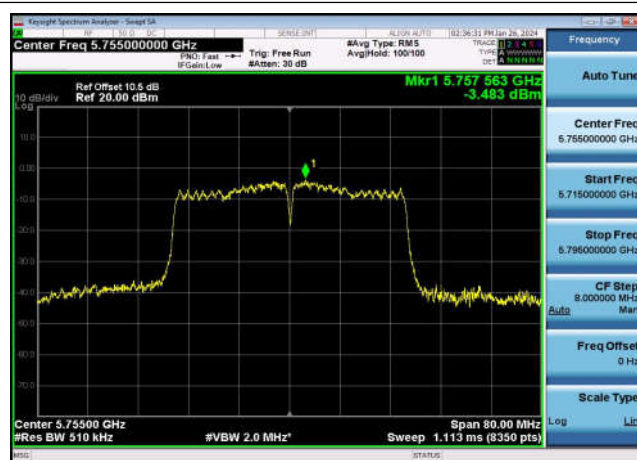
U-NII-3 Power spectral density-802.11
n(20MHz),5785MHz,Ant1



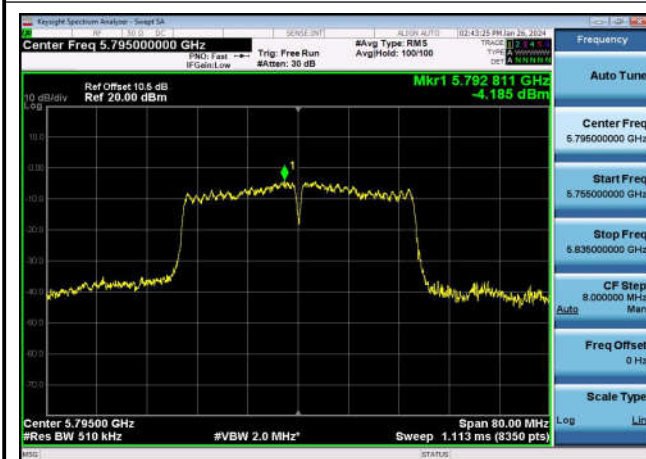
U-NII-3 Power spectral density-802.11
n(20MHz),5825MHz,Ant1



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



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



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



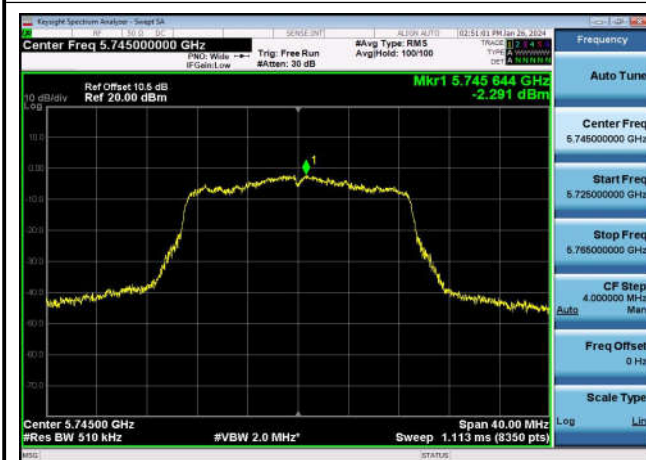
U-NII-3 Power spectral density-802.11
a(20MHz),5785MHz,Ant1



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



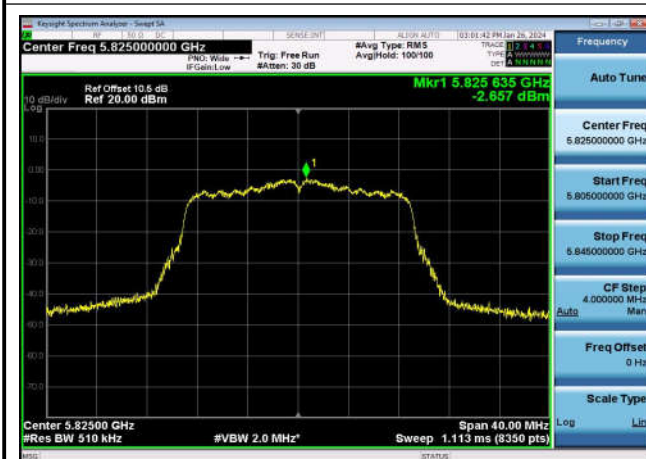
U-NII-3 Power spectral density-802.11
ac(20MHz),5745MHz,Ant1



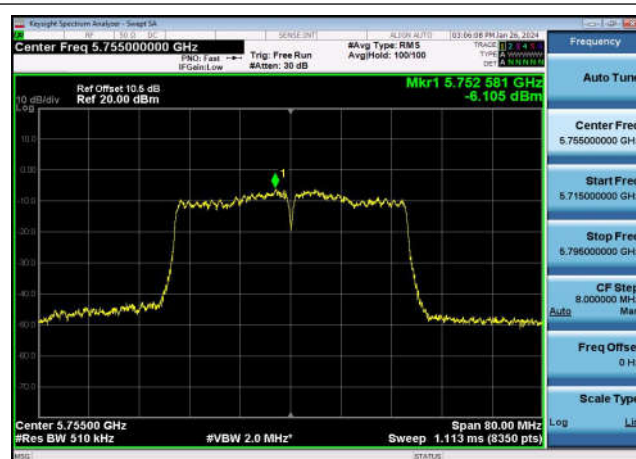
U-NII-3 Power spectral density-802.11
ac(20MHz),5785MHz,Ant1



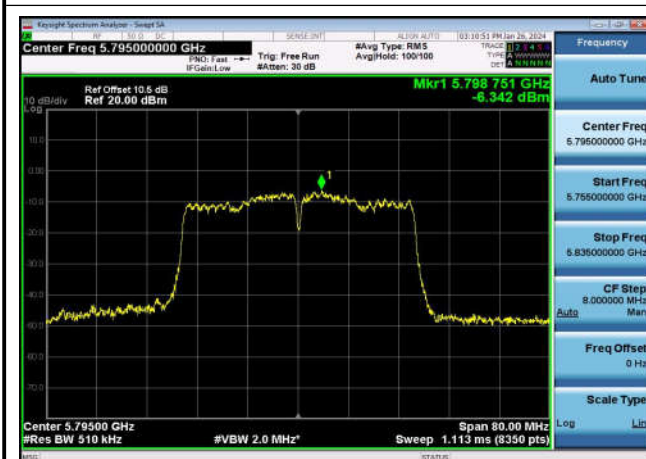
U-NII-3 Power spectral density-802.11
ac(20MHz),5825MHz,Ant1



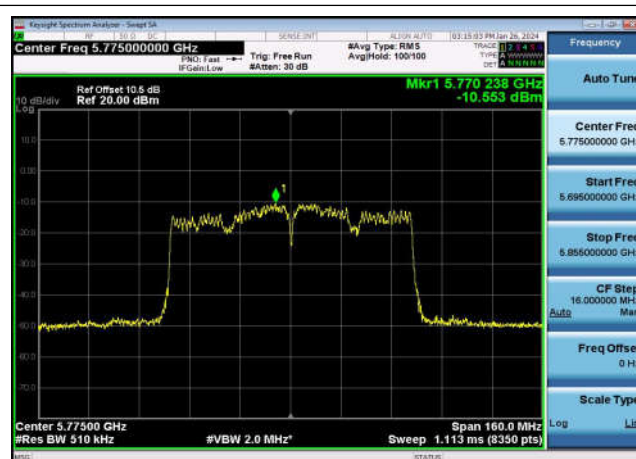
U-NII-3 Power spectral density-802.11
ac(40MHz),5755MHz,Ant1



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



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



**99% Occupied Bandwidth and 26dB Emission Bandwidth****Test Result and Data**

U-NII-1 99% OBW & 26dB EBW				
Mode	Test Frequency (MHz)	99% OBW (MHz)	26dB EBW (MHz)	Result
802.11n (20MHz)	5180	17.715	20.85	Pass
802.11n (20MHz)	5220	17.724	21.02	Pass
802.11n (20MHz)	5240	17.808	21.11	Pass
802.11n (40MHz)	5190	36.184	39.05	Pass
802.11n (40MHz)	5230	36.139	38.90	Pass
802.11ac (20MHz)	5180	17.782	21.15	Pass
802.11ac (20MHz)	5220	17.807	21.30	Pass
802.11ac (20MHz)	5240	17.818	21.00	Pass
802.11ac (40MHz)	5190	36.015	39.23	Pass
802.11ac (40MHz)	5230	36.098	38.88	Pass
802.11ac (80MHz)	5210	75.257	80.45	Pass
802.11a (20MHz)	5180	16.628	21.23	Pass
802.11a (20MHz)	5220	16.505	20.69	Pass
802.11a (20MHz)	5240	16.547	20.87	Pass



U-NII-2a 99% OBW & 26dB EBW				
Mode	Test Frequency (MHz)	99% OBW (MHz)	26dB EBW (MHz)	Result
802.11n (20MHz)	5260	17.767	20.56	Pass
802.11n (20MHz)	5300	17.733	20.89	Pass
802.11n (20MHz)	5320	17.801	21.37	Pass
802.11n (40MHz)	5270	36.120	39.02	Pass
802.11n (40MHz)	5310	36.141	39.08	Pass
802.11ac (20MHz)	5260	17.815	20.99	Pass
802.11ac (20MHz)	5300	17.800	21.03	Pass
802.11ac (20MHz)	5320	17.802	21.17	Pass
802.11ac (40MHz)	5270	36.160	39.35	Pass
802.11ac (40MHz)	5310	36.118	39.25	Pass
802.11ac (80MHz)	5290	75.314	81.08	Pass
802.11a (20MHz)	5260	16.589	21.15	Pass
802.11a (20MHz)	5300	16.584	20.95	Pass
802.11a (20MHz)	5320	16.532	20.97	Pass



U-NII-2c 99% OBW & 26dB EBW				
Mode	Test Frequency (MHz)	99% OBW (MHz)	26dB EBW (MHz)	Result
802.11n (20MHz)	5500	17.769	21.16	Pass
802.11n (20MHz)	5580	17.764	20.95	Pass
802.11n (20MHz)	5700	17.761	20.96	Pass
802.11n (40MHz)	5510	36.164	38.93	Pass
802.11n (40MHz)	5550	36.123	39.22	Pass
802.11n (40MHz)	5670	36.227	39.00	Pass
802.11ac (20MHz)	5500	17.754	21.34	Pass
802.11ac (20MHz)	5580	17.831	21.22	Pass
802.11ac (20MHz)	5700	17.812	21.23	Pass
802.11ac (40MHz)	5510	36.047	39.29	Pass
802.11ac (40MHz)	5550	36.071	39.17	Pass
802.11ac (40MHz)	5670	36.066	39.32	Pass
802.11ac (80MHz)	5530	75.410	80.83	Pass
802.11a (20MHz)	5500	16.523	20.51	Pass
802.11a (20MHz)	5580	16.566	20.66	Pass
802.11a (20MHz)	5700	16.586	20.74	Pass



U-NII-3 99% OBW & 26dB EBW				
Mode	Test Frequency (MHz)	99% OBW (MHz)	26dB EBW (MHz)	Result
802.11n (20MHz)	5745	17.791	21.34	Pass
802.11n (20MHz)	5785	17.816	22.09	Pass
802.11n (20MHz)	5825	17.810	21.37	Pass
802.11n (40MHz)	5755	36.168	39.07	Pass
802.11n (40MHz)	5795	36.182	39.15	Pass
802.11ac (20MHz)	5745	17.810	21.37	Pass
802.11ac (20MHz)	5785	17.822	21.25	Pass
802.11ac (20MHz)	5825	17.845	21.28	Pass
802.11ac (40MHz)	5755	36.149	39.34	Pass
802.11ac (40MHz)	5795	36.148	39.05	Pass
802.11ac (80MHz)	5775	75.435	80.63	Pass
802.11a (20MHz)	5745	16.619	20.97	Pass
802.11a (20MHz)	5785	16.709	21.50	Pass
802.11a (20MHz)	5825	16.591	21.01	Pass

Test Plots

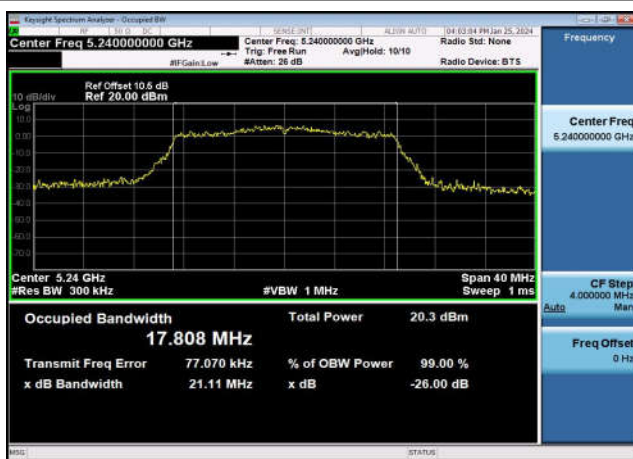
U-NII-1 99% & 26dB Bandwidth-802.11n(20MHz)
,5180MHz,Ant1



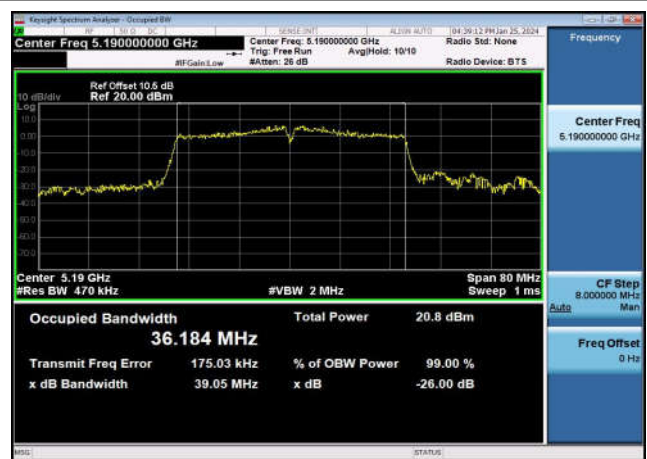
U-NII-1 99% & 26dB Bandwidth-802.11n(20MHz)
,5220MHz,Ant1



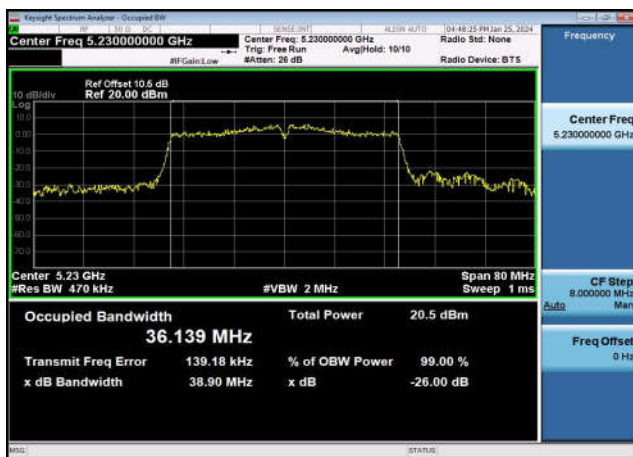
U-NII-1 99% & 26dB Bandwidth-802.11n(20MHz)
,5240MHz,Ant1



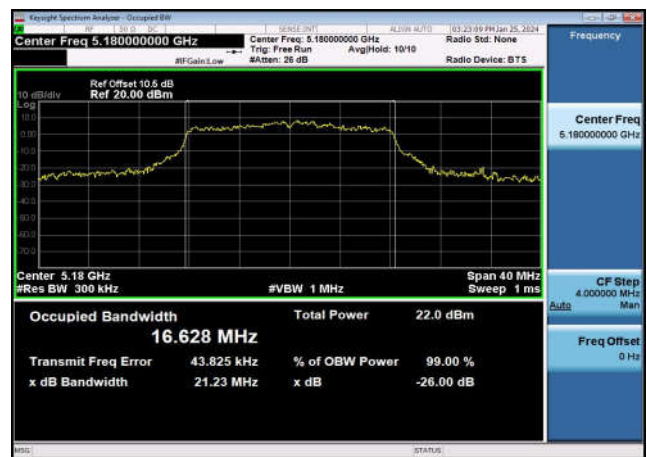
U-NII-1 99% & 26dB Bandwidth-802.11n(40MHz)
,5190MHz,Ant1



U-NII-1 99% & 26dB Bandwidth-802.11n(40MHz)
,5230MHz,Ant1



U-NII-1 99% & 26dB Bandwidth-802.11a(20MHz)
,5180MHz,Ant1



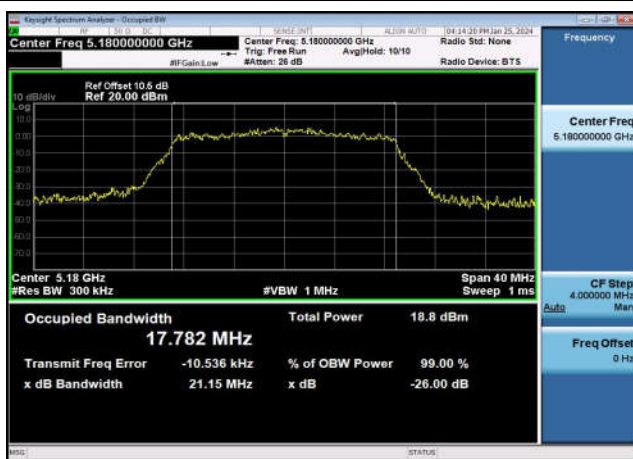
U-NII-1 99% & 26dB Bandwidth-802.11a(20MHz)
,5220MHz,Ant1



U-NII-1 99% & 26dB Bandwidth-802.11a(20MHz)
,5240MHz,Ant1



U-NII-1 99% & 26dB Bandwidth-802.11ac(20MHz)
,5180MHz,Ant1



U-NII-1 99% & 26dB Bandwidth-802.11ac(20MHz)
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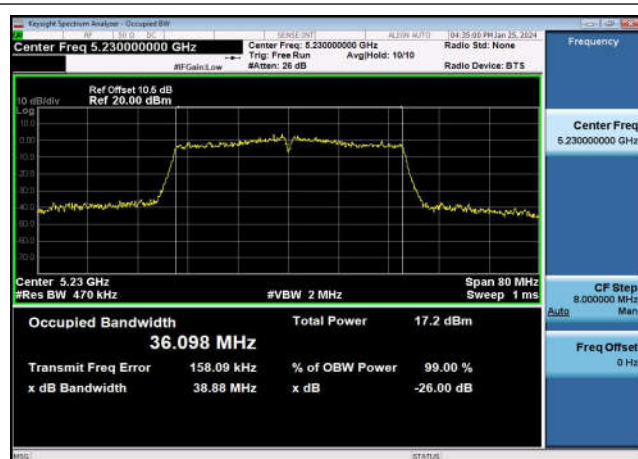
U-NII-1 99% & 26dB Bandwidth-802.11ac(20MHz)
,5240MHz,Ant1



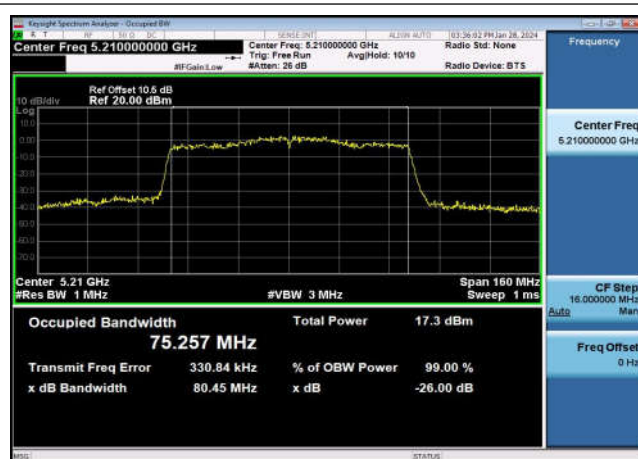
U-NII-1 99% & 26dB Bandwidth-802.11ac(40MHz)
,5190MHz,Ant1



U-NII-1 99% & 26dB Bandwidth-802.11ac(40MHz)
,5230MHz,Ant1



U-NII-1 99% & 26dB Bandwidth-802.11ac(80MHz)
,5210MHz,Ant1



U-NII-2a 99% & 26dB Bandwidth-802.11n(20MHz)
,5260MHz,Ant1



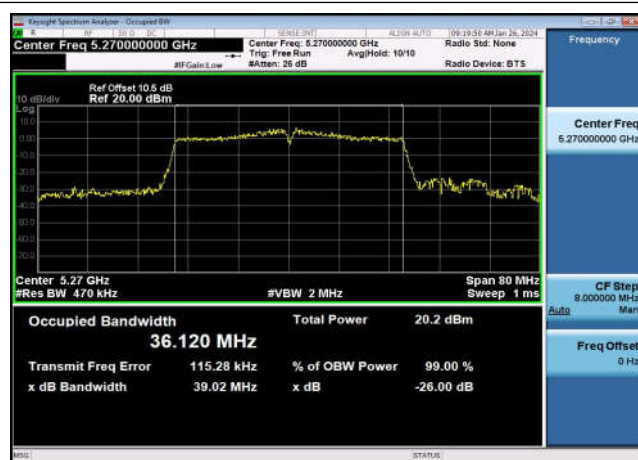
U-NII-2a 99% & 26dB Bandwidth-802.11n(20MHz)
,5300MHz,Ant1



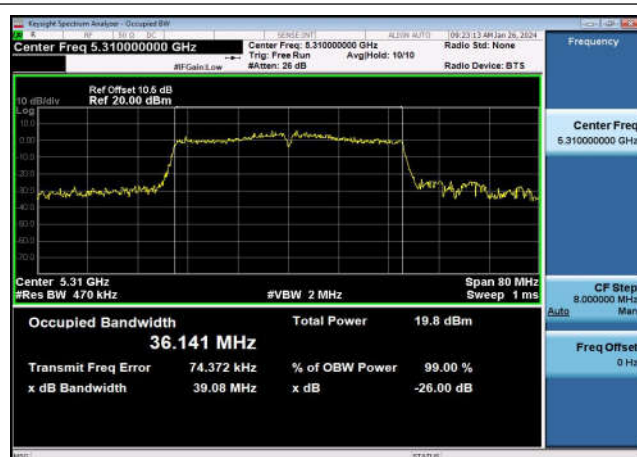
U-NII-2a 99% & 26dB Bandwidth-802.11n(20MHz)
,5320MHz,Ant1



U-NII-2a 99% & 26dB Bandwidth-802.11n(40MHz)
,5270MHz,Ant1



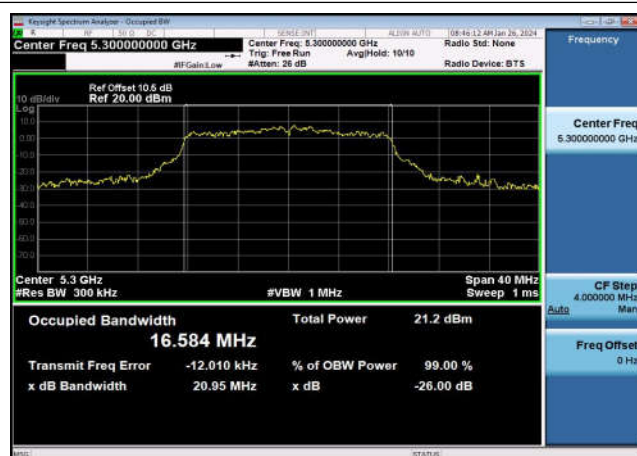
U-NII-2a 99% & 26dB Bandwidth-802.11n(40MHz)
,5310MHz,Ant1



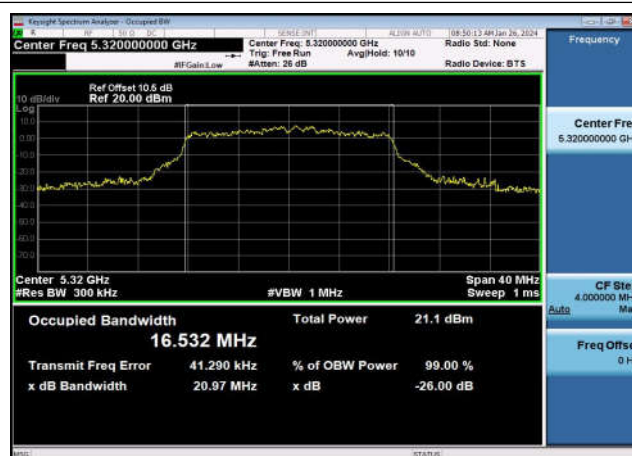
U-NII-2a 99% & 26dB Bandwidth-802.11a(20MHz)
,5260MHz,Ant1



U-NII-2a 99% & 26dB Bandwidth-802.11a(20MHz)
,5300MHz,Ant1



U-NII-2a 99% & 26dB Bandwidth-802.11a(20MHz)
,5320MHz,Ant1



U-NII-2a 99% & 26dB Bandwidth-802.11ac(20MHz)
,5260MHz,Ant1



U-NII-2a 99% & 26dB Bandwidth-802.11ac(20MHz)
,5300MHz,Ant1



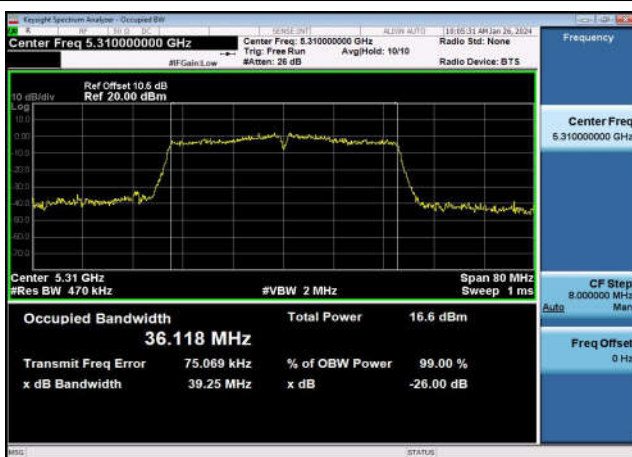
U-NII-2a 99% & 26dB Bandwidth-802.11ac(20MHz),5320MHz,Ant1



U-NII-2a 99% & 26dB Bandwidth-802.11ac(40MHz),5270MHz,Ant1



U-NII-2a 99% & 26dB Bandwidth-802.11ac(40MHz),5310MHz,Ant1



U-NII-2a 99% & 26dB Bandwidth-802.11ac(80MHz),5290MHz,Ant1



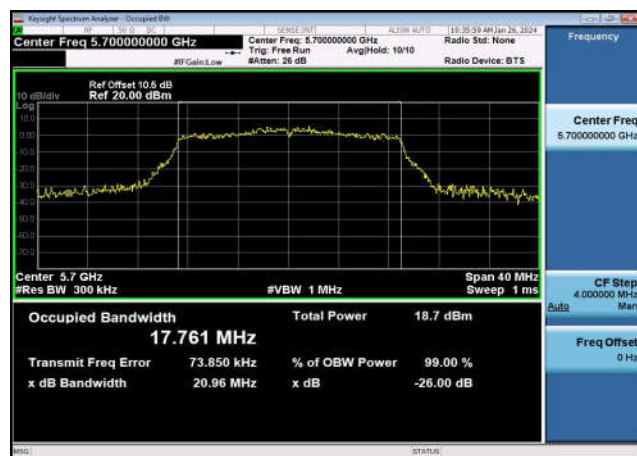
U-NII-2c 99% & 26dB Bandwidth-802.11n(20MHz),5500MHz,Ant1



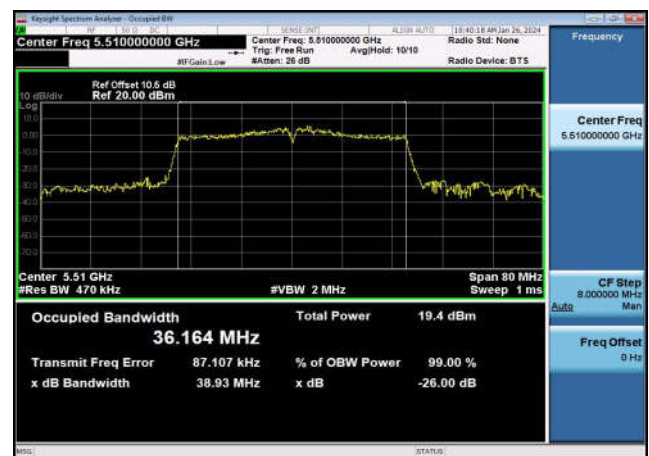
U-NII-2c 99% & 26dB Bandwidth-802.11n(20MHz),5580MHz,Ant1



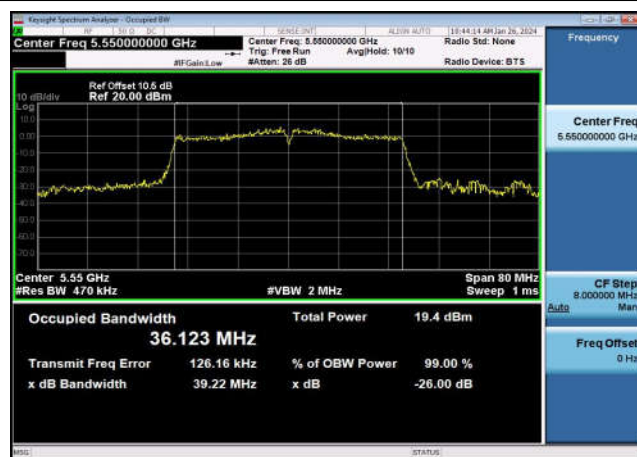
U-NII-2c 99% & 26dB Bandwidth-802.11n(20MHz)
,5700MHz,Ant1



U-NII-2c 99% & 26dB Bandwidth-802.11n(40MHz)
,5510MHz,Ant1



U-NII-2c 99% & 26dB Bandwidth-802.11n(40MHz)
,5550MHz,Ant1



U-NII-2c 99% & 26dB Bandwidth-802.11n(40MHz)
,5670MHz,Ant1



U-NII-2c 99% & 26dB Bandwidth-802.11a(20MHz)
,5500MHz,Ant1



U-NII-2c 99% & 26dB Bandwidth-802.11a(20MHz)
,5580MHz,Ant1

