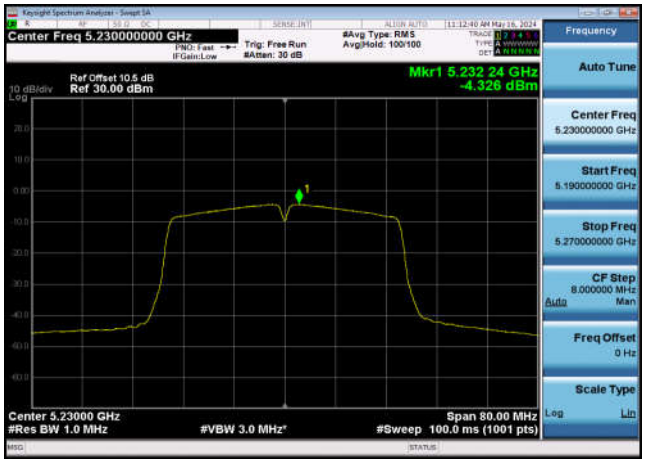
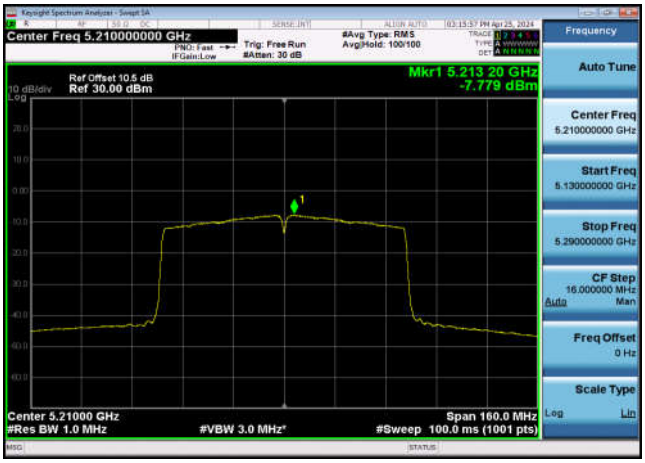
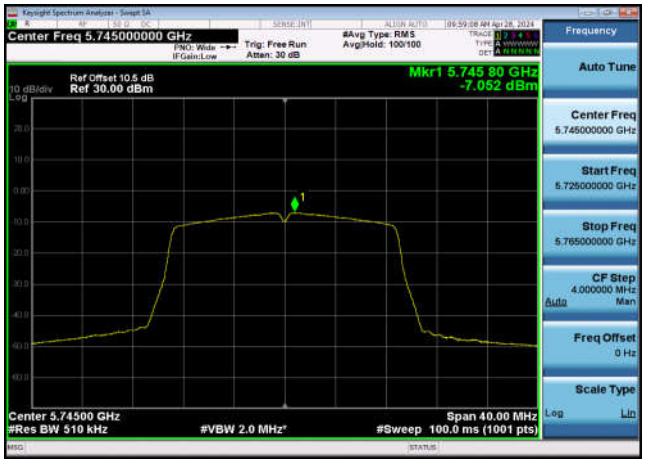
U-NII-1 Power spectral density-802.11 ac(40MHz),5230MHz,Ant1



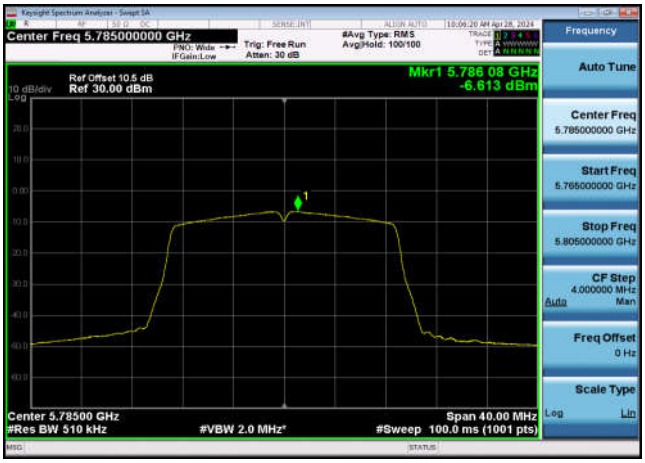
U-NII-1 Power spectral density-802.11 ac(80MHz),5210MHz,Ant1



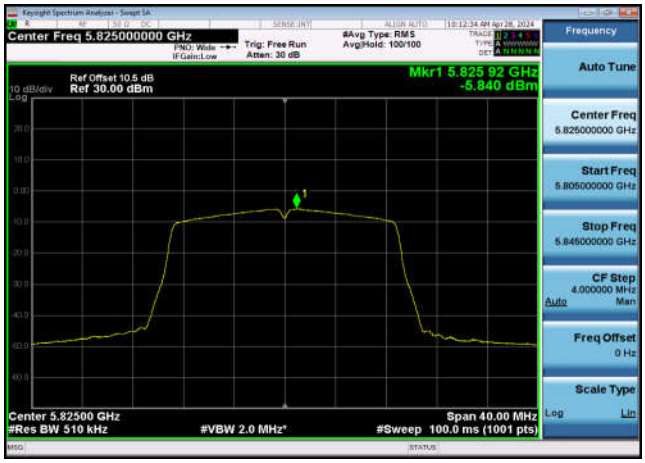
U-NII-3 Power spectral density-802.11 n(20MHz),5745MHz,Ant1



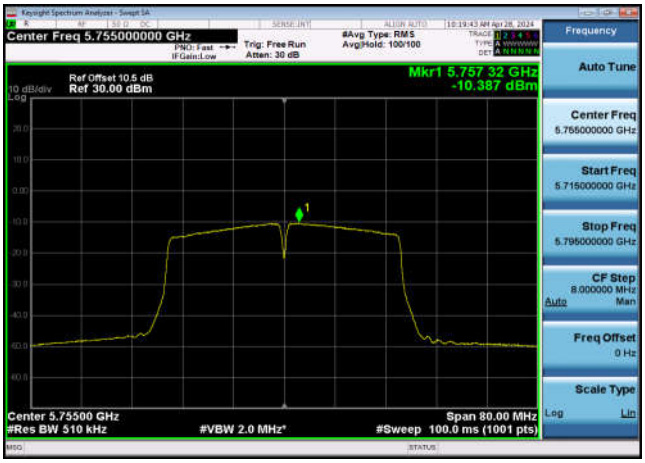
U-NII-3 Power spectral density-802.11 n(20MHz),5785MHz,Ant1



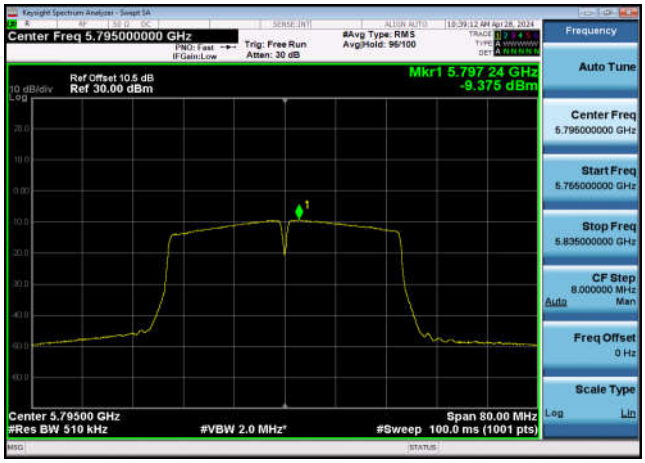
U-NII-3 Power spectral density-802.11 n(20MHz),5825MHz,Ant1



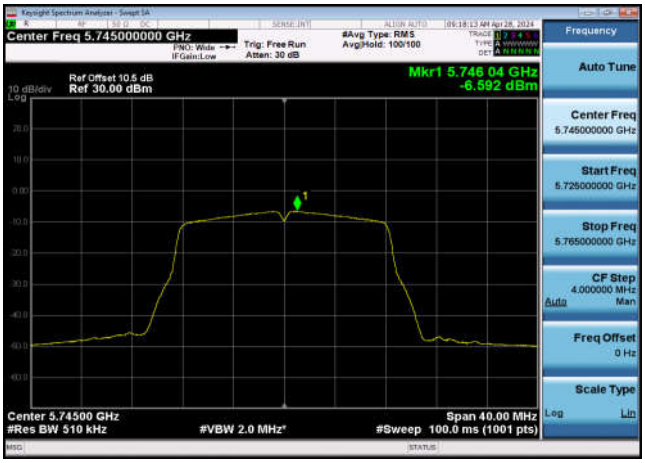
U-NII-3 Power spectral density-802.11 n(40MHz),5755MHz,Ant1



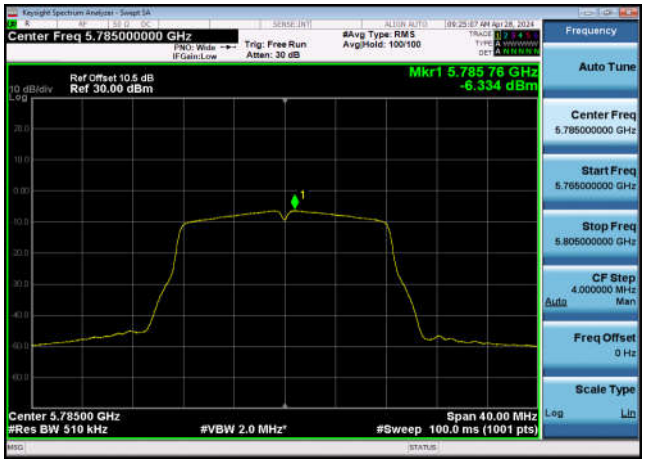
U-NII-3 Power spectral density-802.11 n(40MHz),5795MHz,Ant1



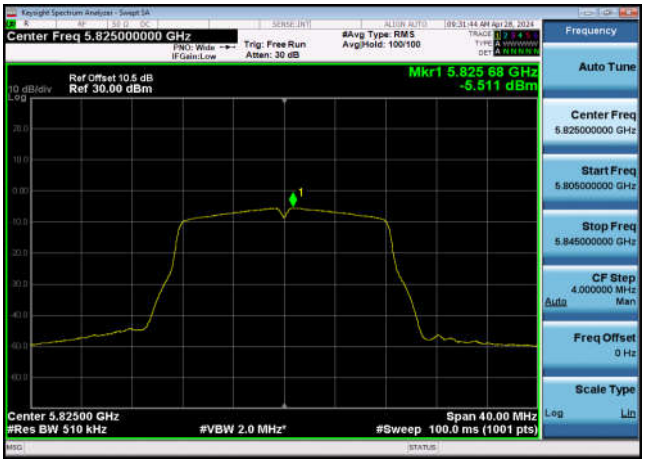
U-NII-3 Power spectral density-802.11 a(20MHz),5745MHz,Ant1



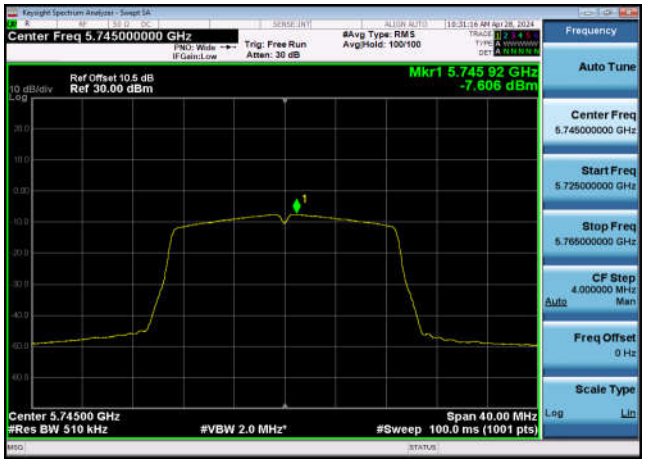
U-NII-3 Power spectral density-802.11 a(20MHz),5785MHz,Ant1



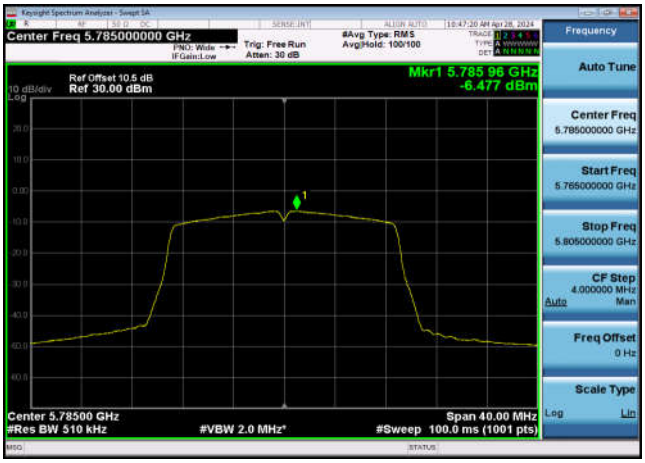
U-NII-3 Power spectral density-802.11 a(20MHz),5825MHz,Ant1

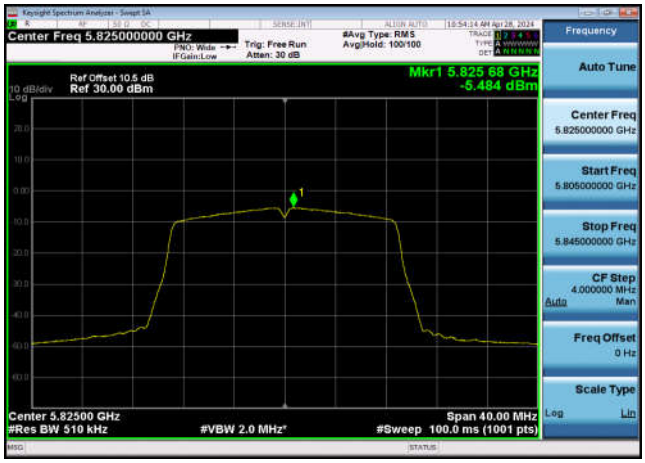
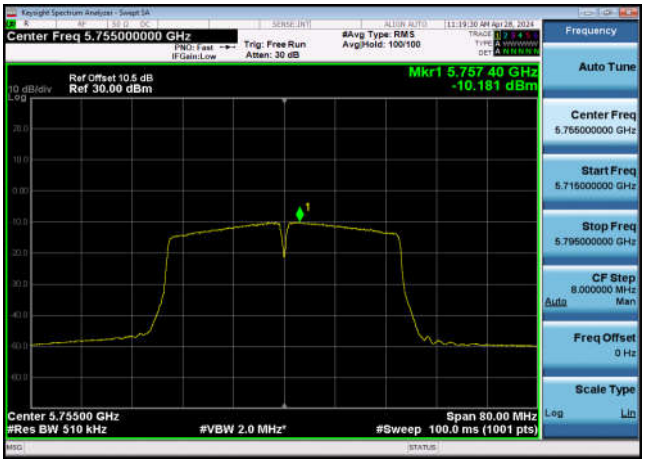
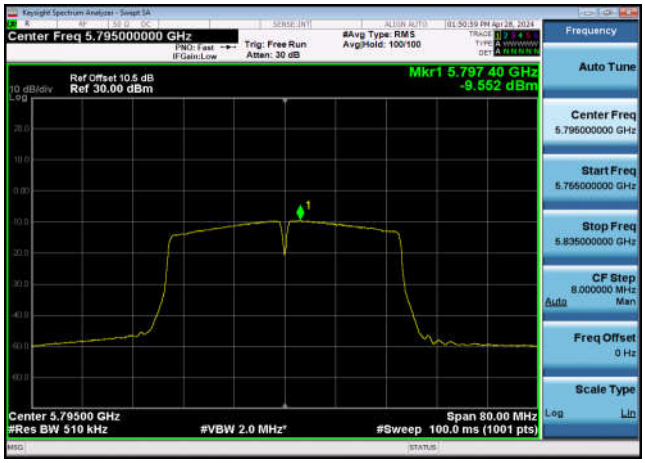
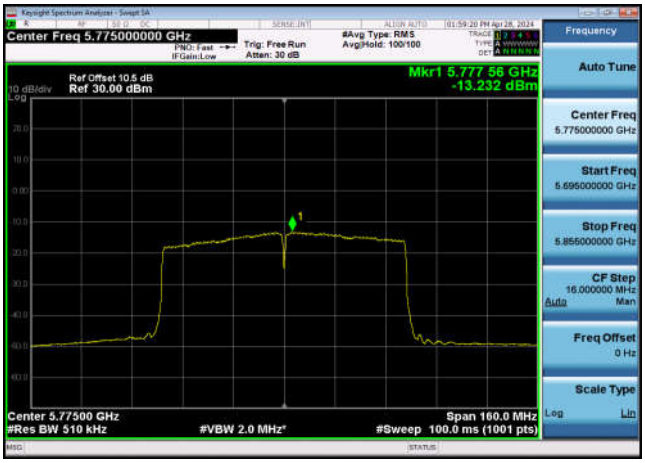


U-NII-3 Power spectral density-802.11 ac(20MHz),5745MHz,Ant1



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

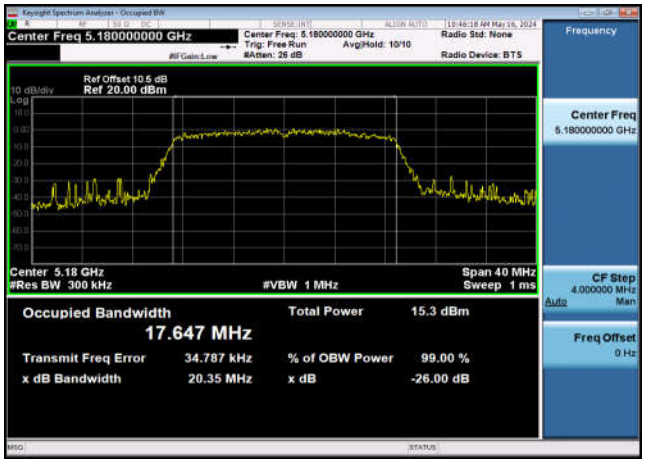
Test Result and Data

U-NII-1 99% OBW & 26dB EBW				
Mode	Test Frequency (MHz)	99% OBW (MHz)	26dB EBW (MHz)	Result
802.11n (20MHz)	5180	17.647	20.35	Pass
802.11n (20MHz)	5220	17.643	20.23	Pass
802.11n (20MHz)	5240	17.669	19.99	Pass
802.11n (40MHz)	5190	36.036	40.30	Pass
802.11n (40MHz)	5230	35.945	39.94	Pass
802.11ac (20MHz)	5180	17.684	20.45	Pass
802.11ac (20MHz)	5220	17.604	20.17	Pass
802.11ac (20MHz)	5240	17.653	20.59	Pass
802.11ac (40MHz)	5190	35.916	40.13	Pass
802.11ac (40MHz)	5230	36.013	40.25	Pass
802.11ac (80MHz)	5210	75.295	80.03	Pass
802.11a (20MHz)	5180	16.529	19.81	Pass
802.11a (20MHz)	5220	16.500	19.69	Pass
802.11a (20MHz)	5240	16.551	20.05	Pass

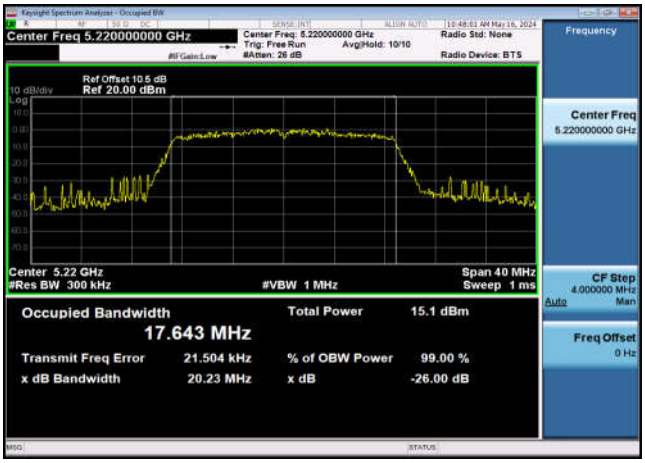
U-NII-3 99% OBW & 26dB EBW				
Mode	Test Frequency (MHz)	99% OBW (MHz)	26dB EBW (MHz)	Result
802.11n (20MHz)	5745	17.661	20.35	Pass
802.11n (20MHz)	5785	17.584	20.23	Pass
802.11n (20MHz)	5825	17.618	19.99	Pass
802.11n (40MHz)	5755	35.978	40.30	Pass
802.11n (40MHz)	5795	35.994	39.94	Pass
802.11ac (20MHz)	5745	17.624	20.46	Pass
802.11ac (20MHz)	5785	17.620	20.17	Pass
802.11ac (20MHz)	5825	17.656	20.59	Pass
802.11ac (40MHz)	5755	35.994	40.13	Pass
802.11ac (40MHz)	5795	35.959	40.25	Pass
802.11ac (80MHz)	5775	75.212	80.03	Pass
802.11a (20MHz)	5745	16.558	19.81	Pass
802.11a (20MHz)	5785	16.508	19.59	Pass
802.11a (20MHz)	5825	16.557	20.05	Pass

Test Plots

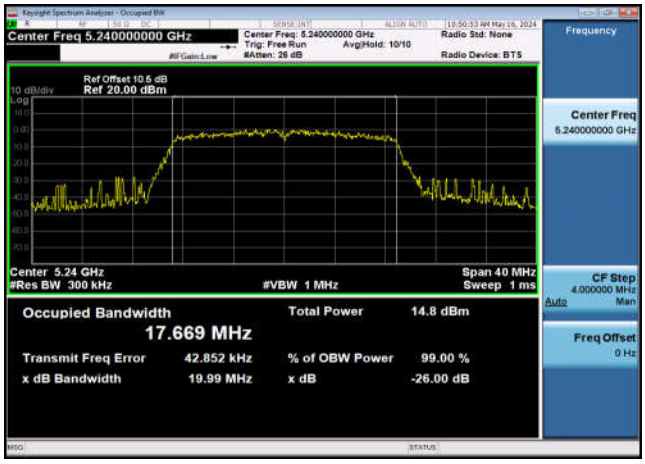
U-NII-1 99%&26dB Bandwidth-802.11n(20MHz) ,5180MHz,Ant1



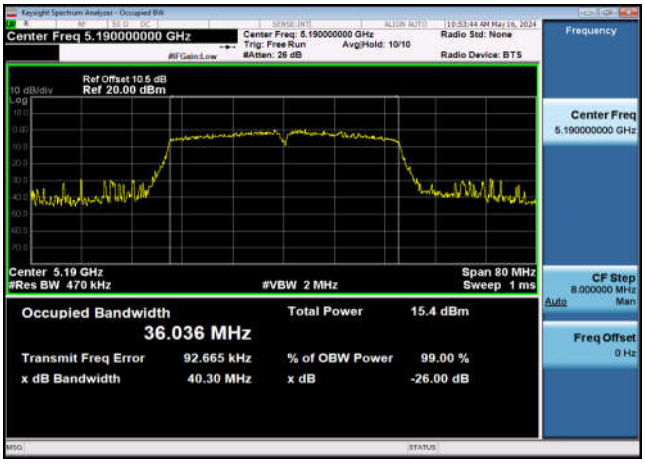
U-NII-1 99%&26dB Bandwidth-802.11n(20MHz) ,5220MHz,Ant1



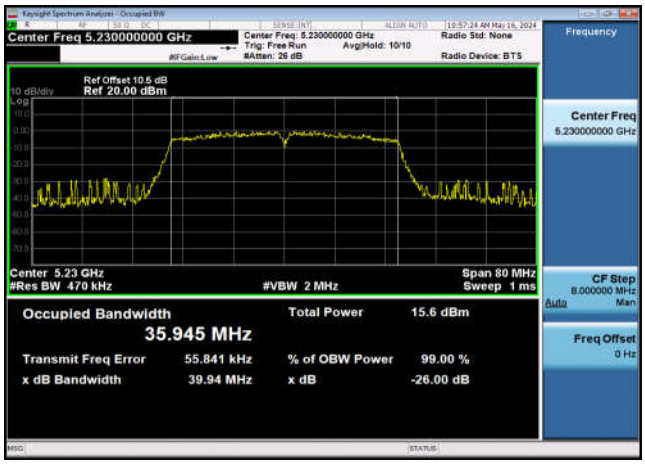
U-NII-1 99%&26dB Bandwidth-802.11n(20MHz) ,5240MHz,Ant1



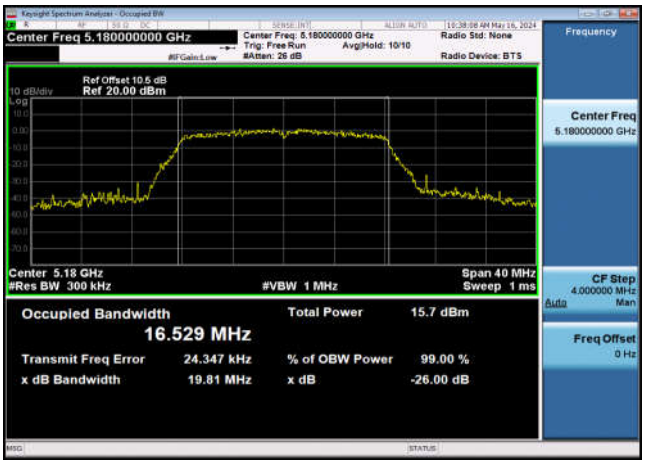
U-NII-1 99%&26dB Bandwidth-802.11n(40MHz) ,5190MHz,Ant1



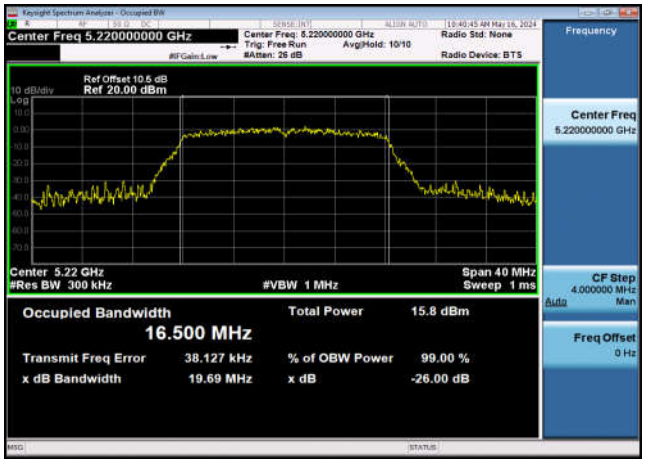
U-NII-1 99%&26dB Bandwidth-802.11n(40MHz) ,5230MHz,Ant1



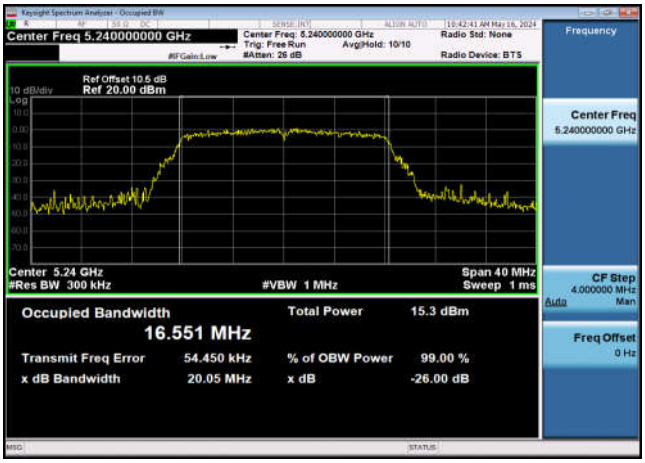
U-NII-1 99%&26dB Bandwidth-802.11a(20MHz) ,5180MHz,Ant1



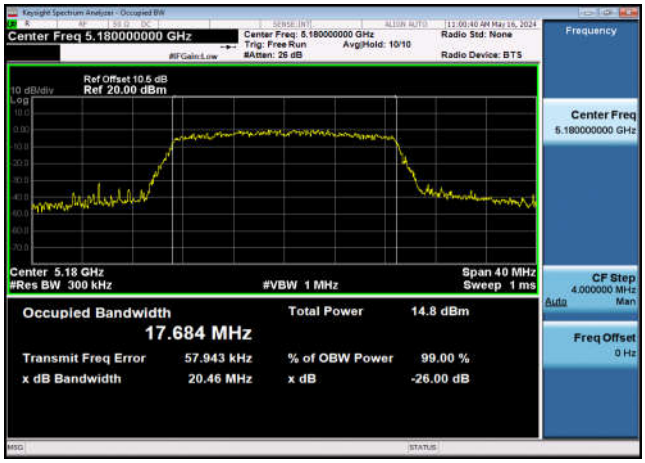
U-NII-1 99%&26dB Bandwidth-802.11a(20MHz) ,5220MHz,Ant1



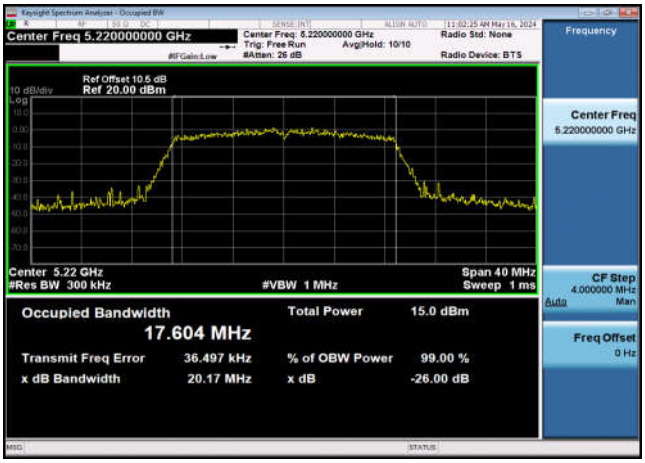
U-NII-1 99%&26dB Bandwidth-802.11a(20MHz) ,5240MHz,Ant1



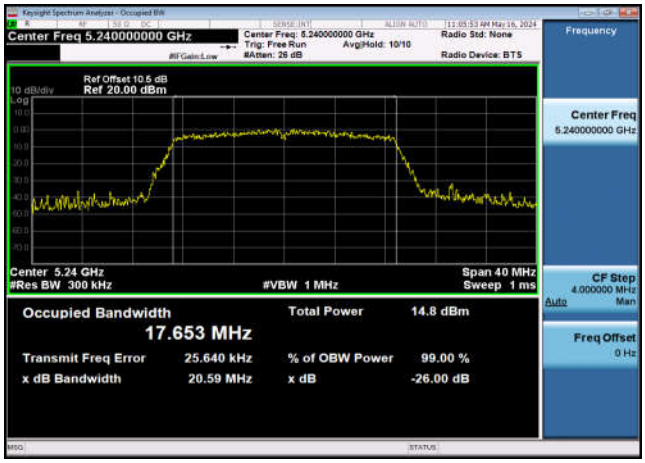
U-NII-1 99%&26dB Bandwidth-802.11ac(20MHz) ,5180MHz,Ant1



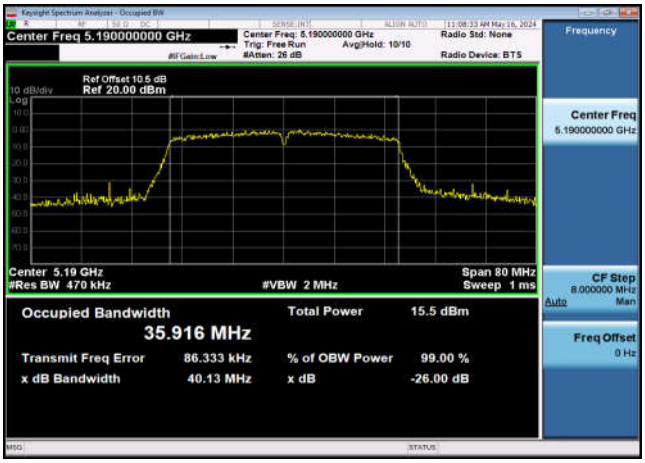
U-NII-1 99%&26dB Bandwidth-802.11ac(20MHz) ,5220MHz,Ant1



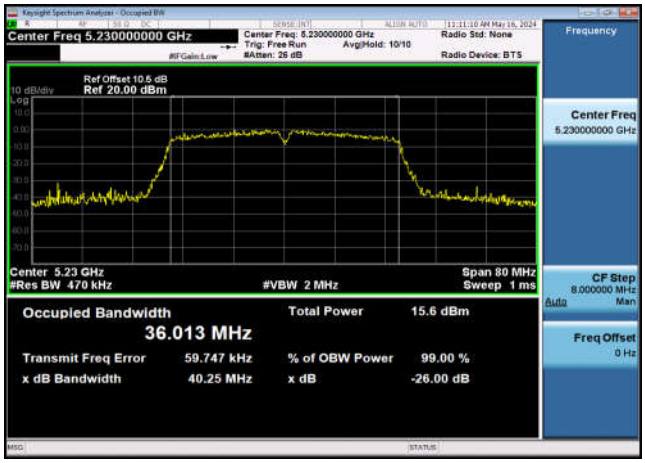
U-NII-1 99%&26dB Bandwidth-802.11ac(20MHz) ,5240MHz,Ant1



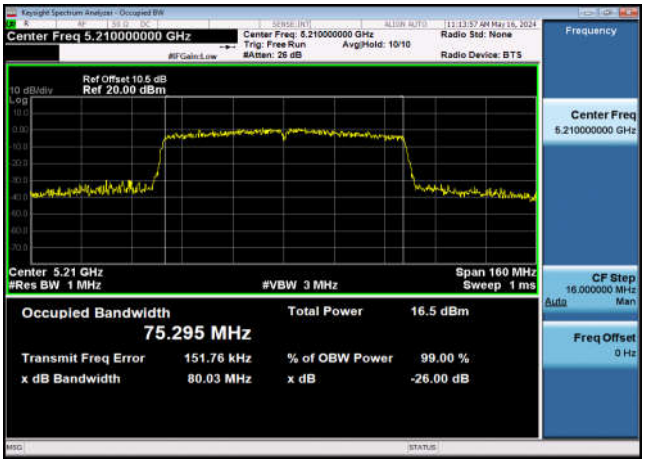
U-NII-1 99%&26dB Bandwidth-802.11ac(40MHz) ,5190MHz,Ant1



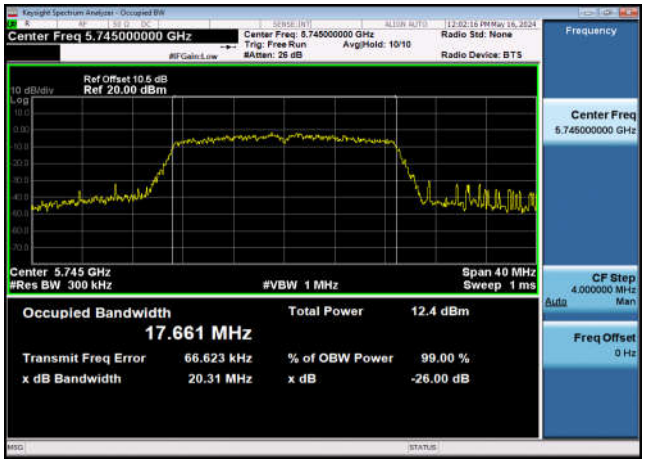
U-NII-1 99%&26dB Bandwidth-802.11ac(40MHz) ,5230MHz,Ant1



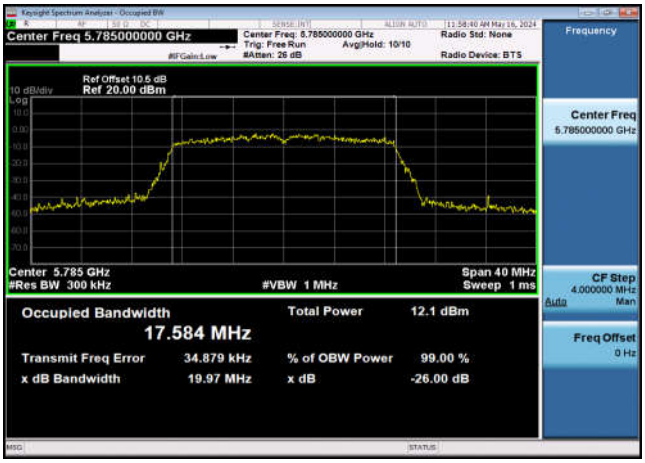
U-NII-1 99%&26dB Bandwidth-802.11ac(80MHz) ,5210MHz,Ant1



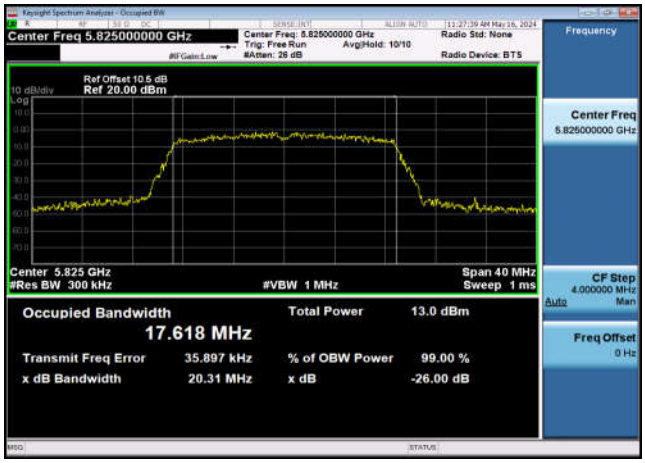
U-NII-3 99%&26dB Bandwidth-802.11n(20MHz) ,5745MHz,Ant1



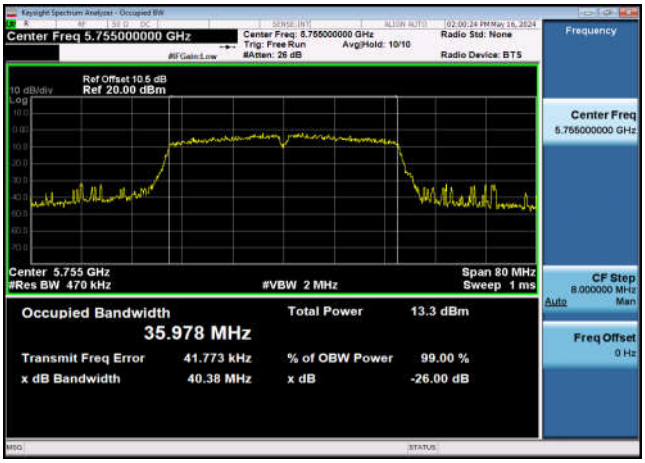
U-NII-3 99%&26dB Bandwidth-802.11n(20MHz) ,5785MHz,Ant1



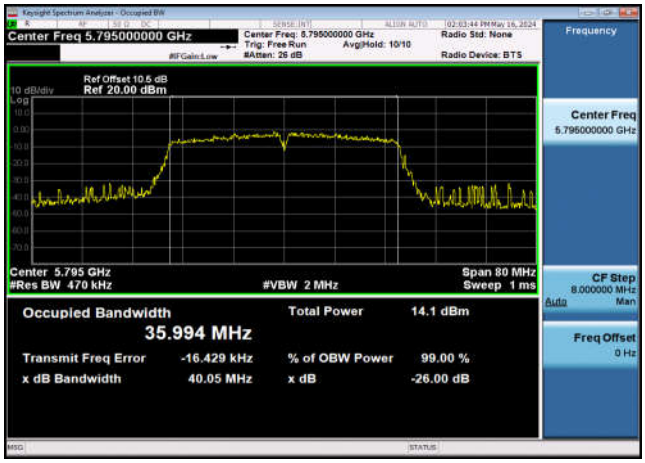
U-NII-3 99%&26dB Bandwidth-802.11n(20MHz) ,5825MHz,Ant1



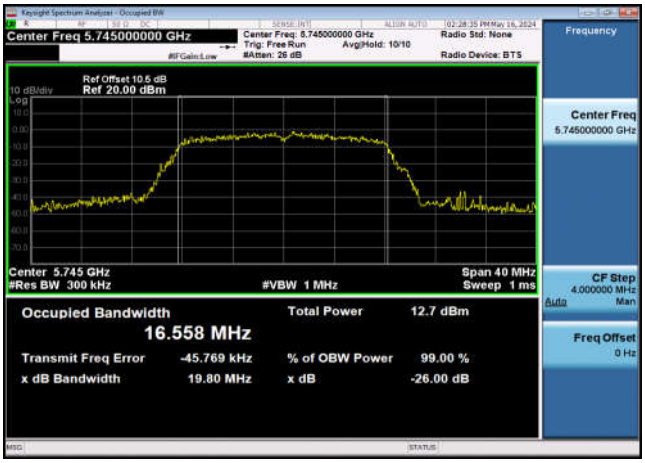
U-NII-3 99%&26dB Bandwidth-802.11n(40MHz) ,5755MHz,Ant1



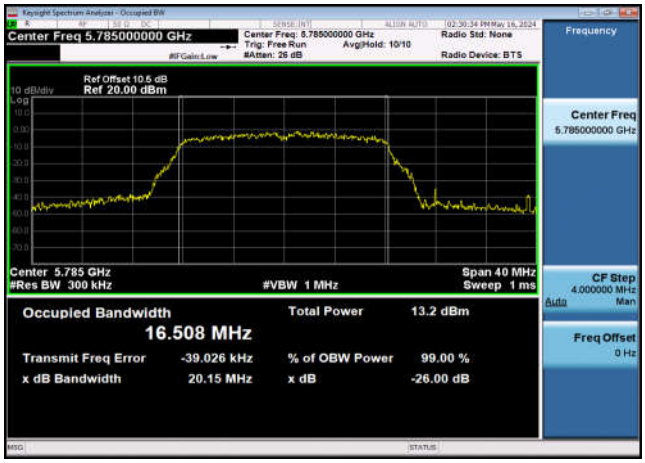
U-NII-3 99%&26dB Bandwidth-802.11n(40MHz) ,5795MHz,Ant1



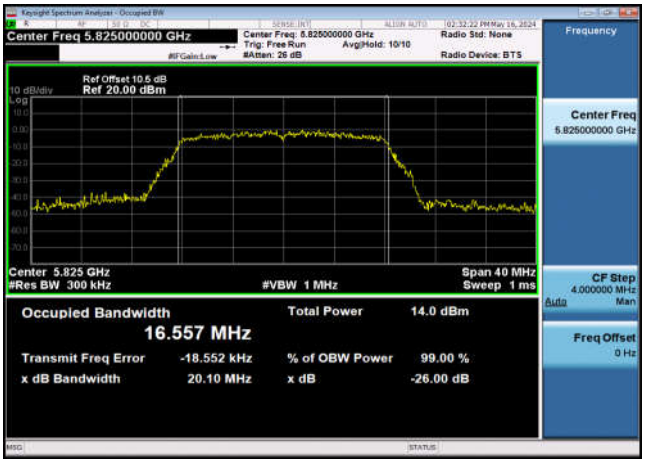
U-NII-3 99%&26dB Bandwidth-802.11a(20MHz) ,5745MHz,Ant1



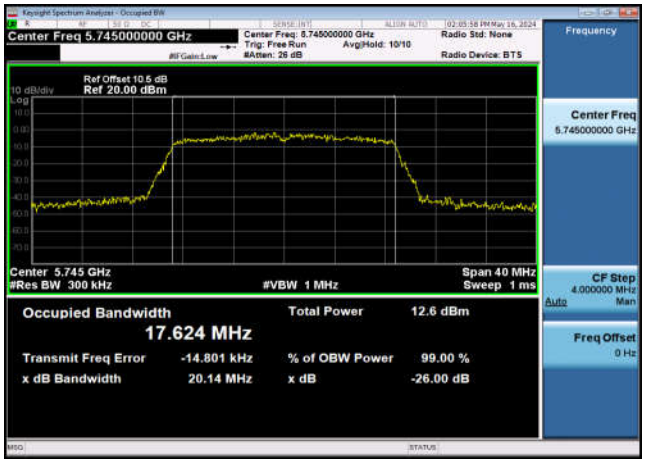
U-NII-3 99%&26dB Bandwidth-802.11a(20MHz) ,5785MHz,Ant1



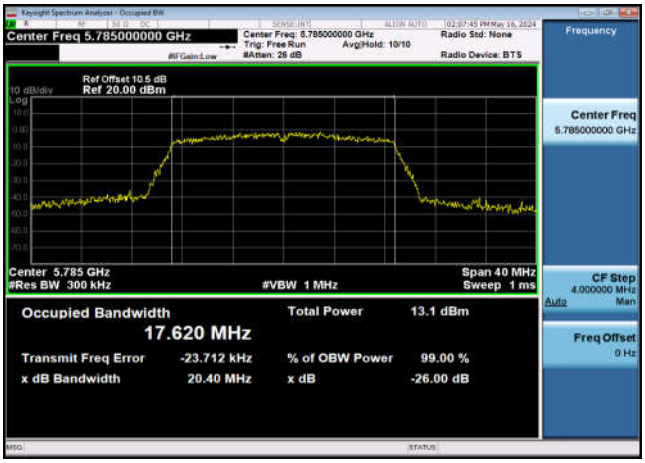
U-NII-3 99%&26dB Bandwidth-802.11a(20MHz) ,5825MHz,Ant1



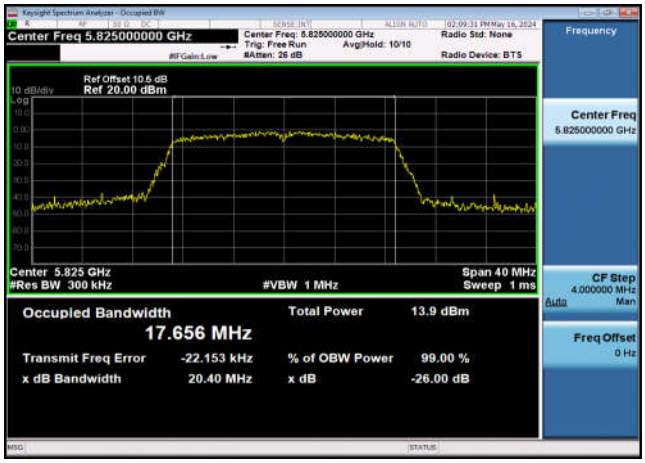
U-NII-3 99%&26dB Bandwidth-802.11ac(20MHz) ,5745MHz,Ant1



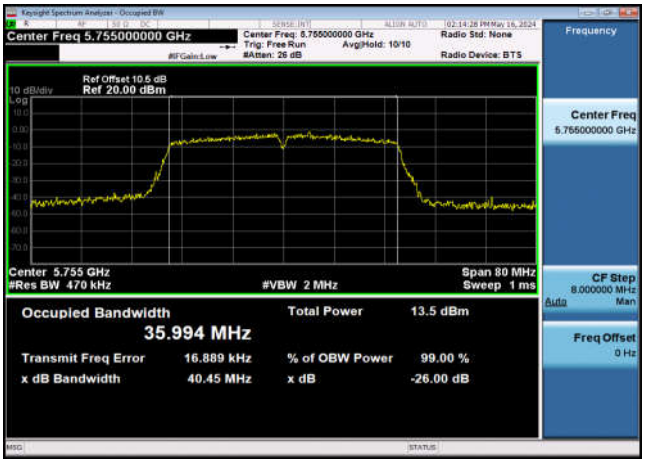
U-NII-3 99%&26dB Bandwidth-802.11ac(20MHz) ,5785MHz,Ant1



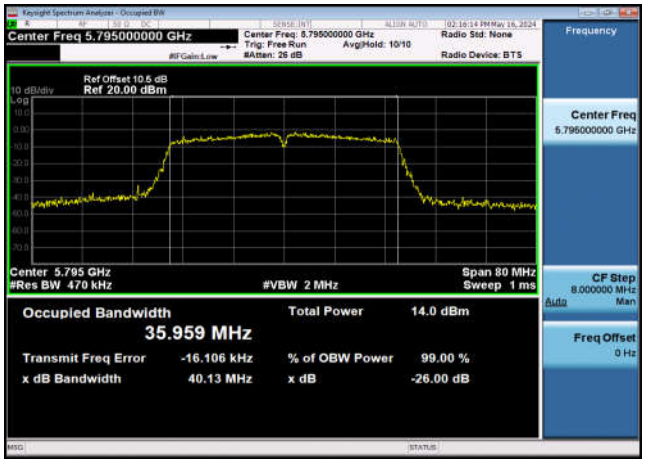
U-NII-3 99%&26dB Bandwidth-802.11ac(20MHz) ,5825MHz,Ant1



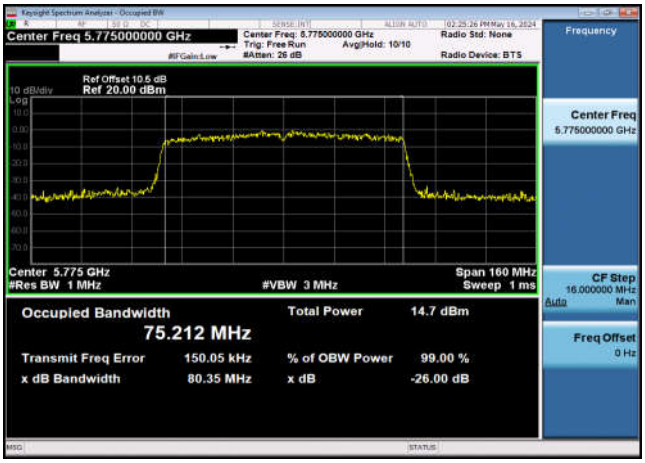
U-NII-3 99%&26dB Bandwidth-802.11ac(40MHz) ,5755MHz,Ant1



U-NII-3 99%&26dB Bandwidth-802.11ac(40MHz) ,5795MHz,Ant1



U-NII-3 99%&26dB Bandwidth-802.11ac(80MHz) ,5775MHz,Ant1



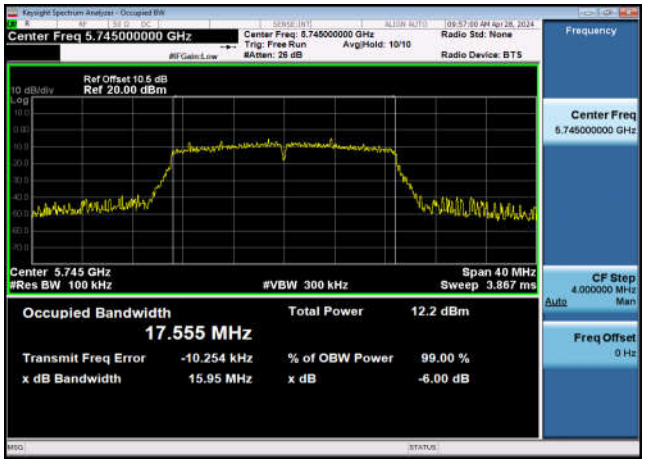
6dB Bandwidth

Test Result and Data

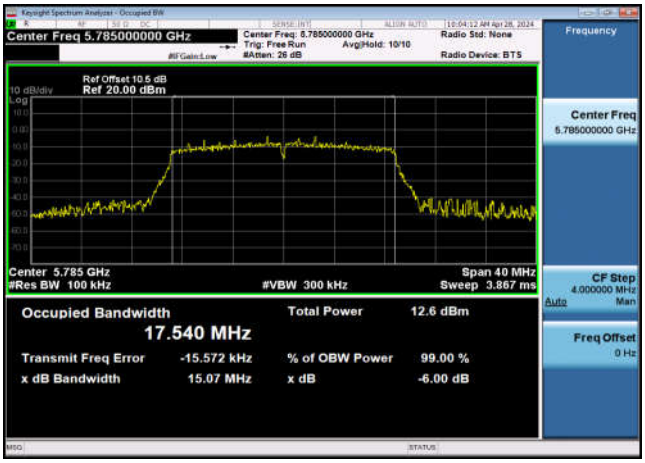
U-NII-3 Occupied 6 dB Bandwidth				
Mode	Test Frequency (MHz)	6dB Bandwidth (MHz)	Limit (kHz)	Result
802.11n (20MHz)	5745	15.95	500	Pass
802.11n (20MHz)	5785	15.07	500	Pass
802.11n (20MHz)	5825	15.14	500	Pass
802.11n (40MHz)	5755	33.89	500	Pass
802.11n (40MHz)	5795	33.93	500	Pass
802.11ac (20MHz)	5745	15.05	500	Pass
802.11ac (20MHz)	5785	14.82	500	Pass
802.11ac (20MHz)	5825	12.38	500	Pass
802.11ac (40MHz)	5755	35.18	500	Pass
802.11ac (40MHz)	5795	35.16	500	Pass
802.11ac (80MHz)	5775	74.10	500	Pass
802.11a (20MHz)	5745	16.33	500	Pass
802.11a (20MHz)	5785	15.96	500	Pass
802.11a (20MHz)	5825	15.29	500	Pass

Test Plots

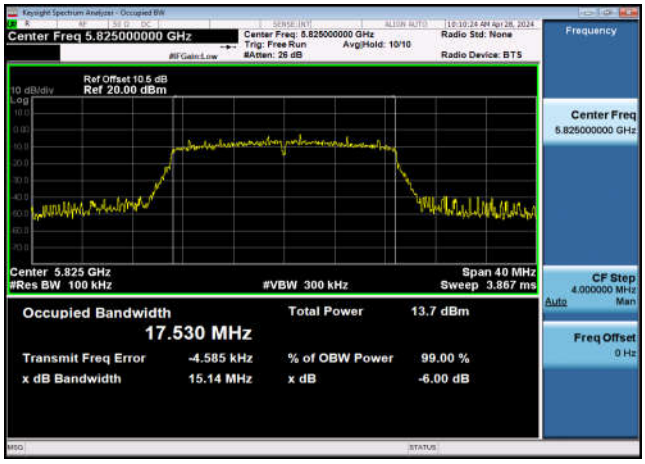
U-NII-3 6dB Bandwidth-802.11n(20MHz) ,5745MHz,Ant1



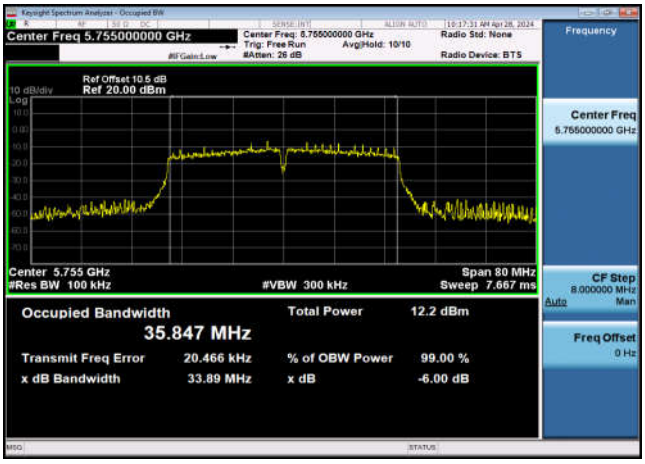
U-NII-3 6dB Bandwidth-802.11n(20MHz) ,5785MHz,Ant1



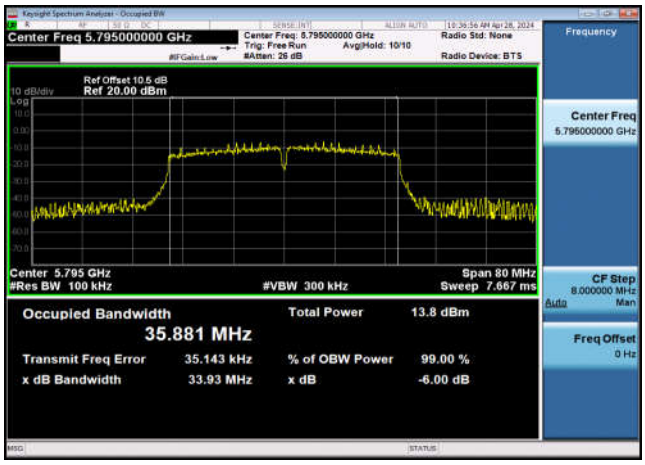
U-NII-3 6dB Bandwidth-802.11n(20MHz) ,5825MHz,Ant1



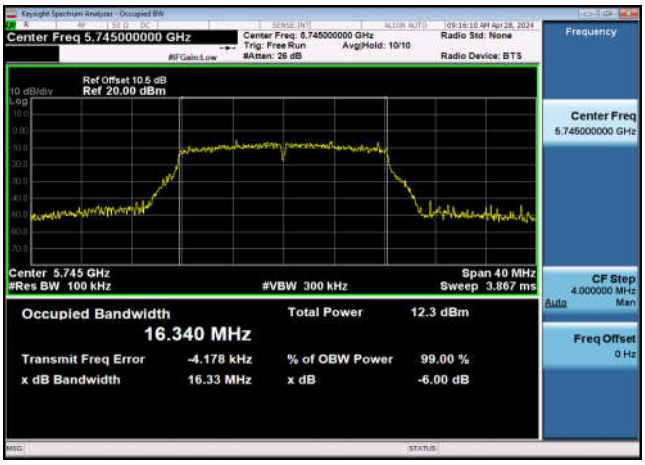
U-NII-3 6dB Bandwidth-802.11n(40MHz) ,5755MHz,Ant1



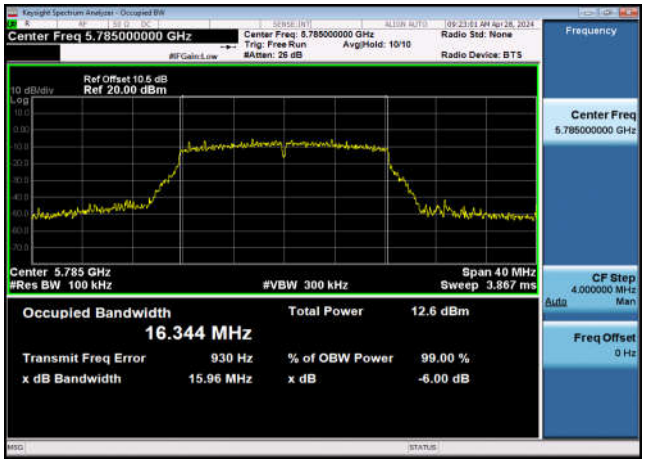
U-NII-3 6dB Bandwidth-802.11n(40MHz) ,5795MHz,Ant1



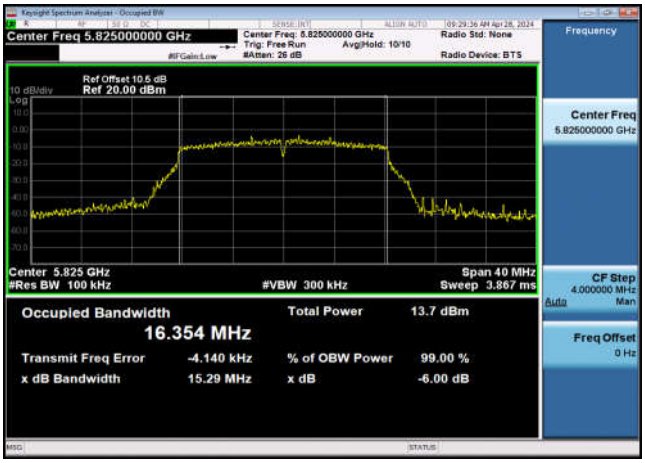
U-NII-3 6dB Bandwidth-802.11a(20MHz) ,5745MHz,Ant1



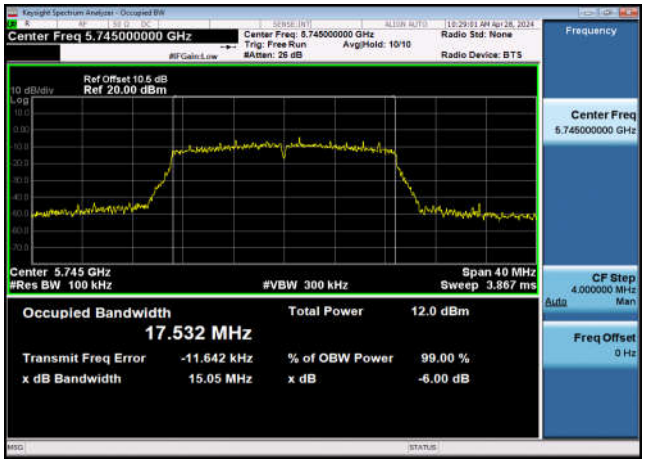
U-NII-3 6dB Bandwidth-802.11a(20MHz) ,5785MHz,Ant1



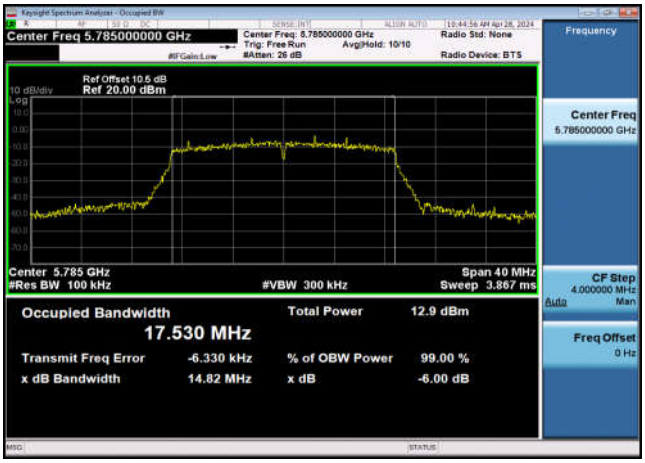
U-NII-3 6dB Bandwidth-802.11a(20MHz) ,5825MHz,Ant1



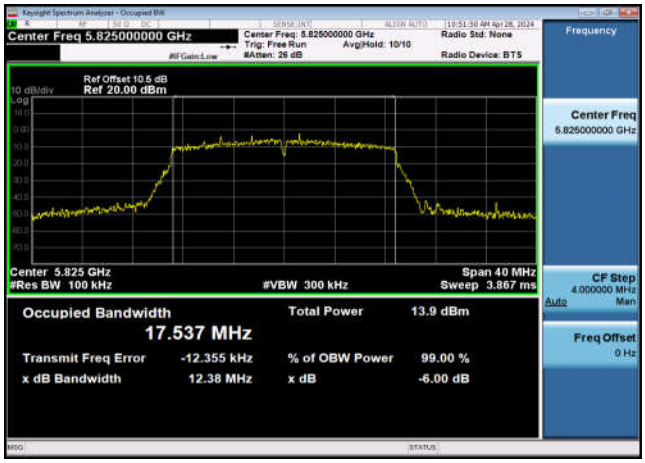
U-NII-3 6dB Bandwidth-802.11ac(20MHz) ,5745MHz,Ant1



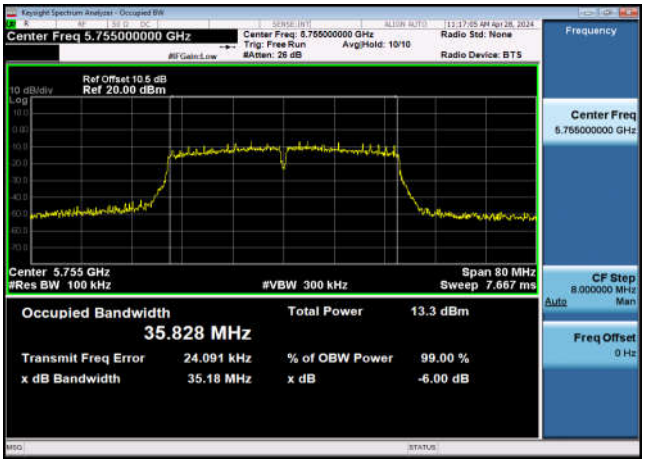
U-NII-3 6dB Bandwidth-802.11ac(20MHz) ,5785MHz,Ant1

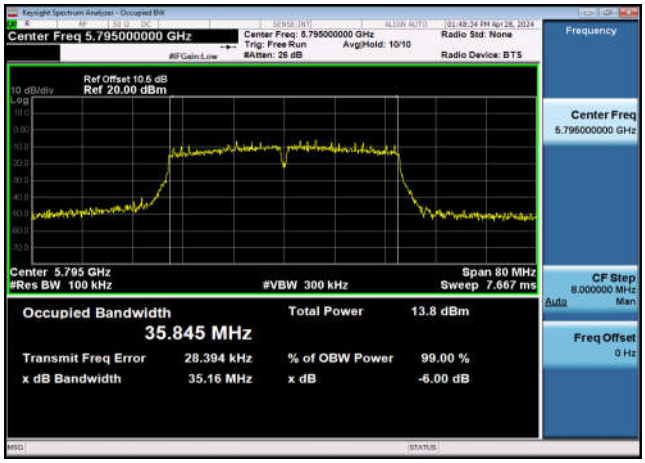
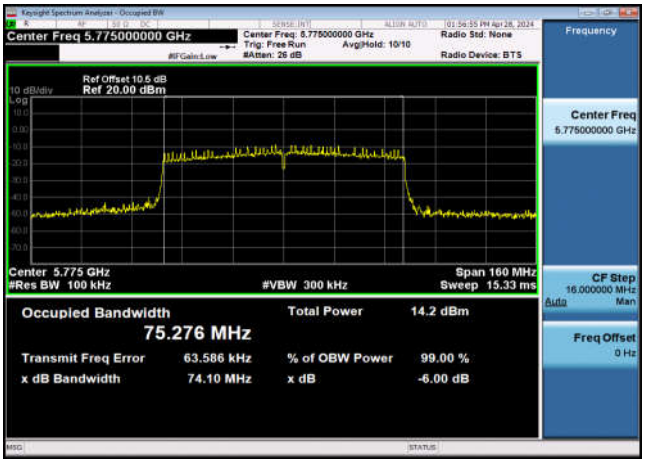


U-NII-3 6dB Bandwidth-802.11ac(20MHz) ,5825MHz,Ant1



U-NII-3 6dB Bandwidth-802.11ac(40MHz) ,5755MHz,Ant1



U-NII-3 6dB Bandwidth-802.11ac(40MHz) ,5795MHz,Ant1	U-NII-3 6dB Bandwidth-802.11ac(80MHz) ,5775MHz,Ant1
	

Frequency Stability

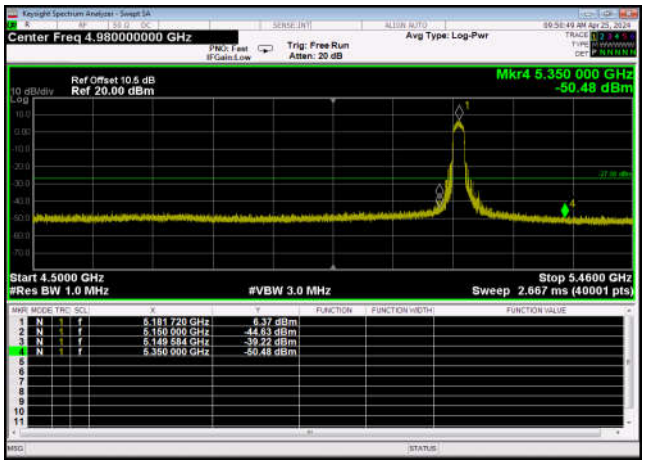
Test Result and Data

U-NII-1 Centre Frequency						
Mode	Test Frequency (MHz)	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5180	5171.187	5188.872	5180.030	5.690	Pass
802.11n (20MHz)	5220	5211.115	5228.852	5219.984	-3.160	Pass
802.11n (20MHz)	5240	5231.131	5248.865	5239.998	-0.380	Pass
802.11n (40MHz)	5190	5171.782	5208.226	5190.004	0.770	Pass
802.11n (40MHz)	5230	5211.788	5248.244	5230.016	3.060	Pass
802.11ac (20MHz)	5180	5171.129	5188.858	5179.994	-1.250	Pass
802.11ac (20MHz)	5220	5211.155	5228.830	5219.993	-1.440	Pass
802.11ac (20MHz)	5240	5231.113	5248.871	5239.992	-1.530	Pass
802.11ac (40MHz)	5190	5171.796	5208.226	5190.011	2.120	Pass
802.11ac (40MHz)	5230	5211.772	5248.250	5230.011	2.100	Pass
802.11ac (80MHz)	5210	5171.780	5248.196	5209.988	-2.300	Pass
802.11a (20MHz)	5180	5171.734	5188.248	5179.991	-1.740	Pass
802.11a (20MHz)	5220	5211.734	5228.205	5219.970	-5.840	Pass
802.11a (20MHz)	5240	5231.738	5248.211	5239.975	-4.870	Pass

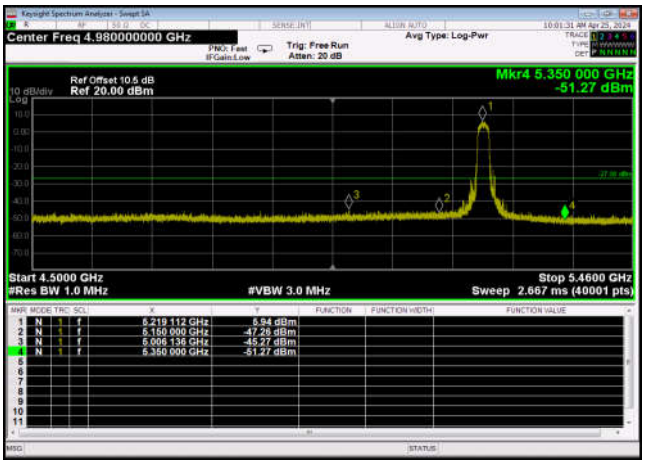
U-NII-3 Centre Frequency						
Mode	Test Frequency (MHz)	LF (MHz)	HF (MHz)	CF (MHz)	Freq Stability (ppm)	Test Result
802.11n (20MHz)	5745	5736.105	5753.833	5744.969	-5.400	Pass
802.11n (20MHz)	5785	5776.114	5793.855	5784.985	-2.680	Pass
802.11n (20MHz)	5825	5816.148	5833.839	5824.994	-1.120	Pass
802.11n (40MHz)	5755	5736.754	5773.208	5754.981	-3.300	Pass
802.11n (40MHz)	5795	5776.784	5813.186	5794.985	-2.590	Pass
802.11ac (20MHz)	5745	5736.100	5753.864	5744.982	-3.130	Pass
802.11ac (20MHz)	5785	5776.150	5793.839	5784.995	-0.950	Pass
802.11ac (20MHz)	5825	5816.123	5833.860	5824.992	-1.460	Pass
802.11ac (40MHz)	5755	5736.758	5773.188	5754.973	-4.690	Pass
802.11ac (40MHz)	5795	5776.772	5813.232	5795.002	0.350	Pass
802.11ac (80MHz)	5775	5736.792	5813.228	5775.010	1.730	Pass
802.11a (20MHz)	5745	5736.755	5753.238	5744.997	-0.610	Pass
802.11a (20MHz)	5785	5776.762	5793.237	5785.000	-0.090	Pass
802.11a (20MHz)	5825	5816.727	5833.238	5824.983	-3.000	Pass

Conducted Band Edges and spurious emission

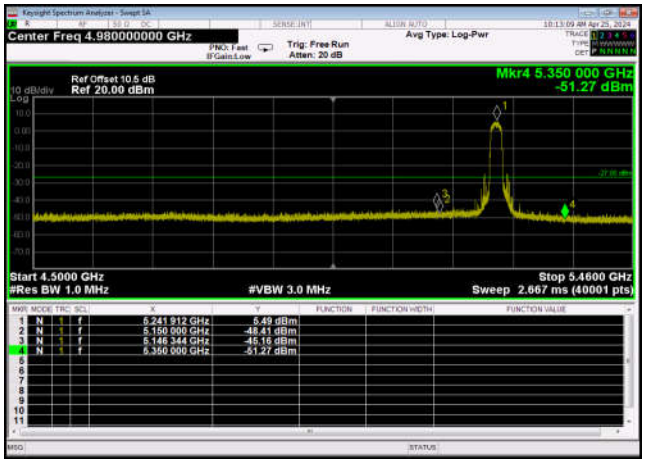
U-NII-1 ,Plot 1,Band Edge-802.11n(20MHz),5180MHz,Ant1



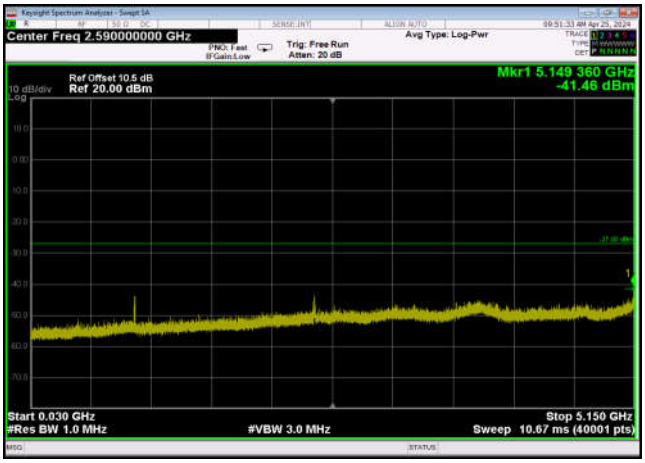
U-NII-1 ,Plot 1,Band Edge-802.11n(20MHz),5220MHz,Ant1



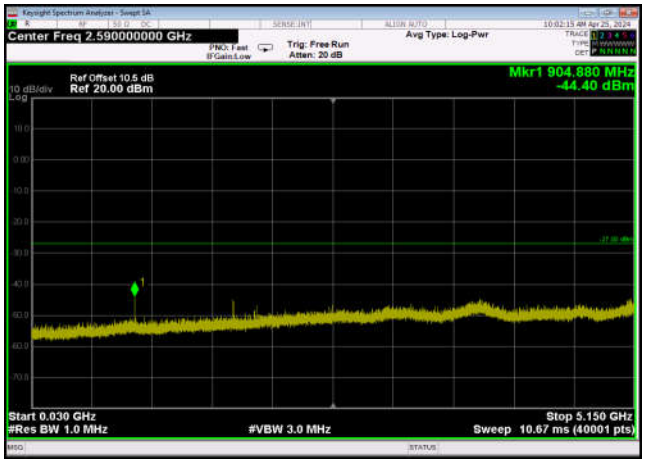
U-NII-1 ,Plot 1,Band Edge-802.11n(20MHz),5240MHz,Ant1



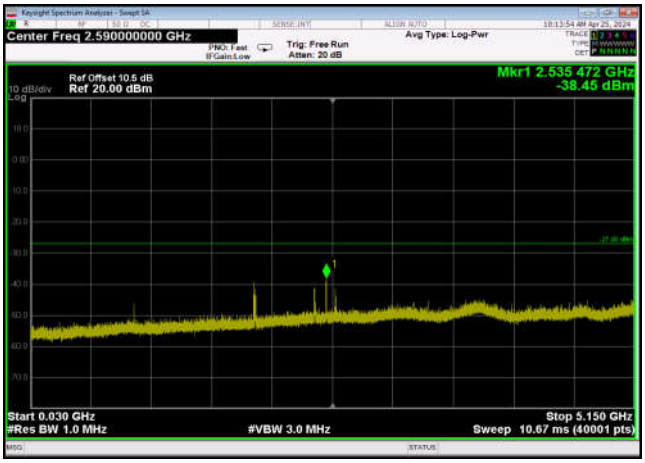
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11n(20MHz),5180MHz,Ant1



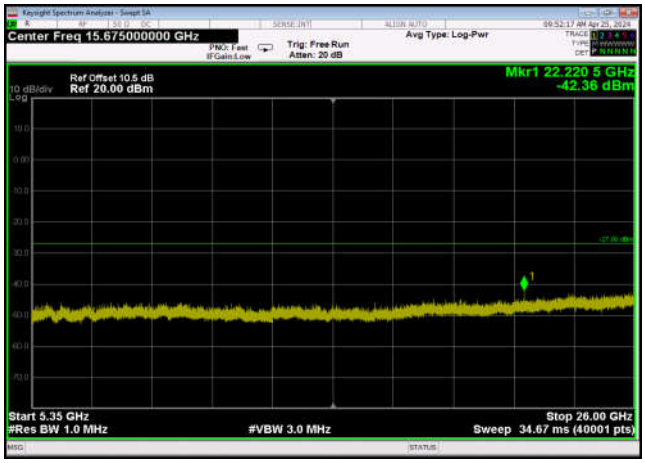
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11n(20MHz),5220MHz,Ant1



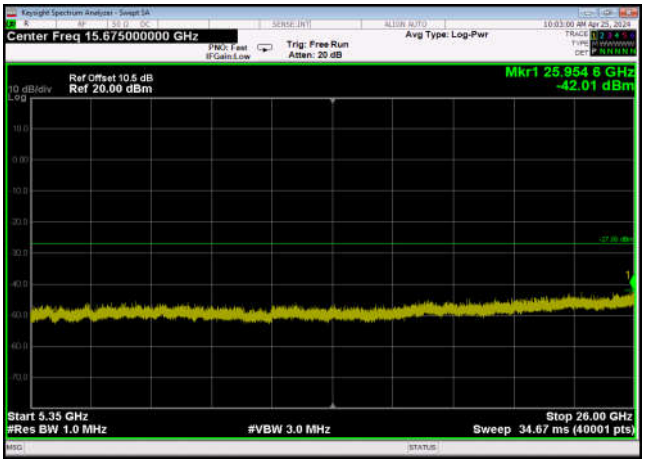
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11n(20MHz),5240MHz,Ant1



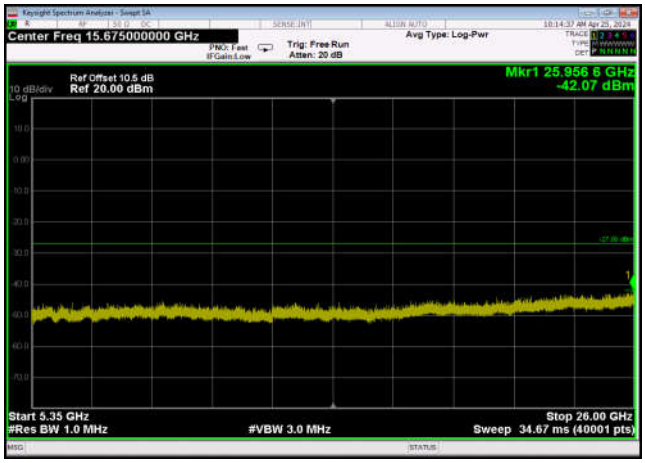
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11n(20MHz),5180MHz,Ant1



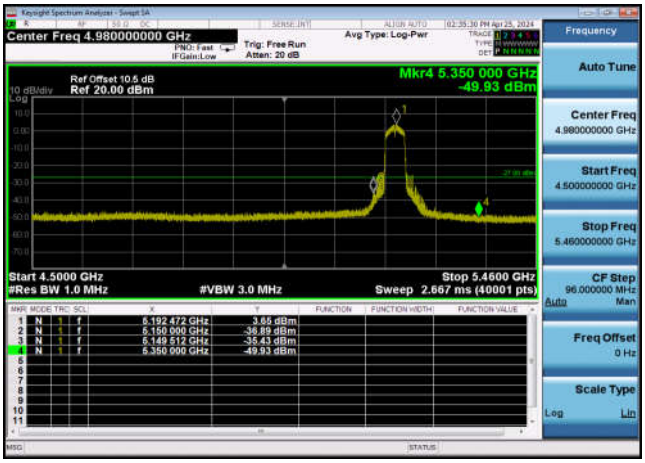
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11n(20MHz),5220MHz,Ant1



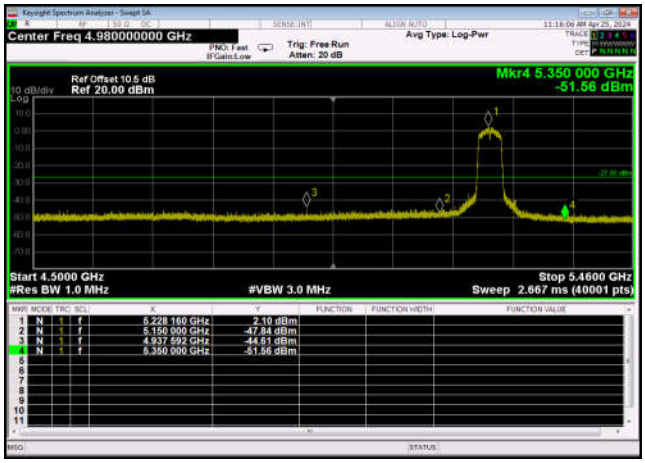
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11n(20MHz),5240MHz,Ant1



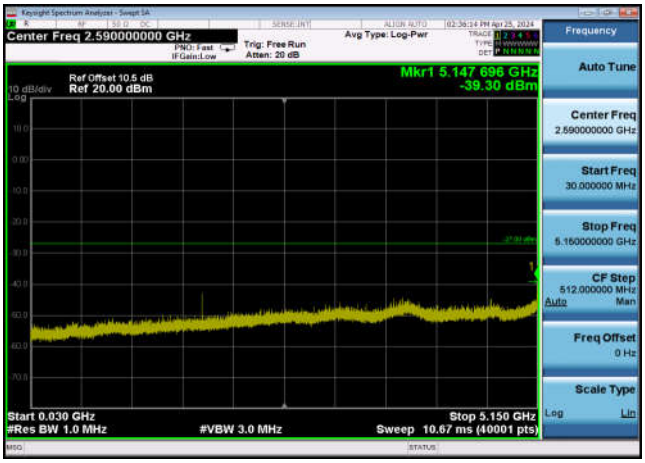
U-NII-1 ,Plot 1,Band Edge-802.11n(40MHz),5190MHz,Ant1



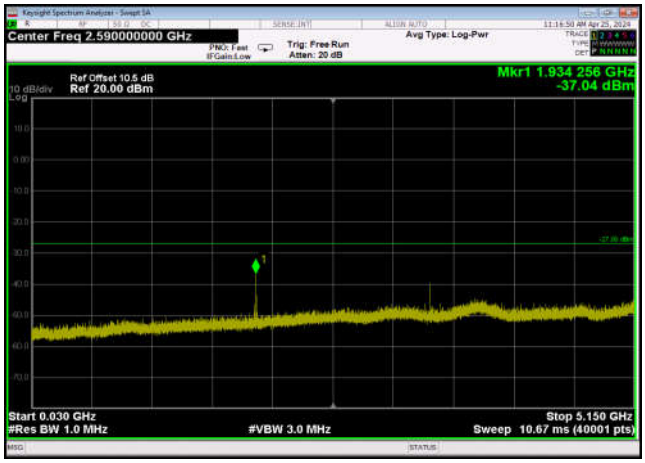
U-NII-1 ,Plot 1,Band Edge-802.11n(40MHz),5230MHz,Ant1



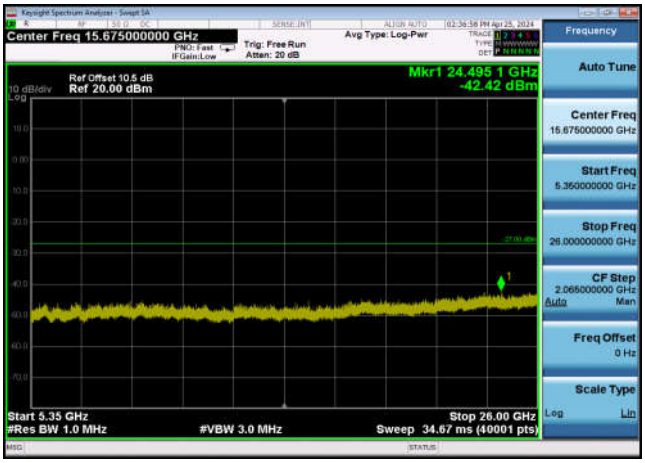
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11n(40MHz),5190MHz,Ant1



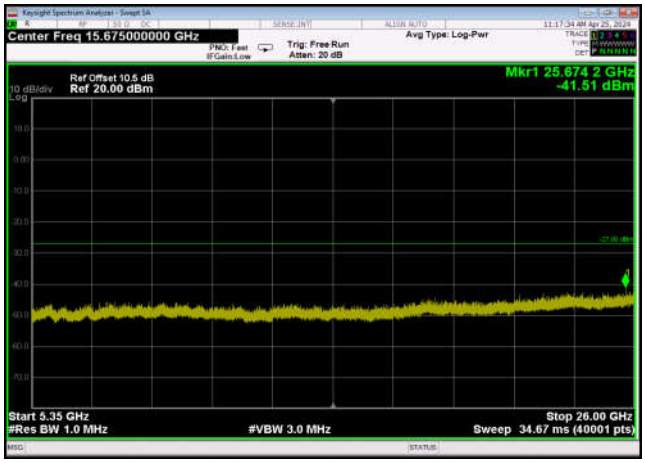
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11n (40MHz),5230MHz,Ant1



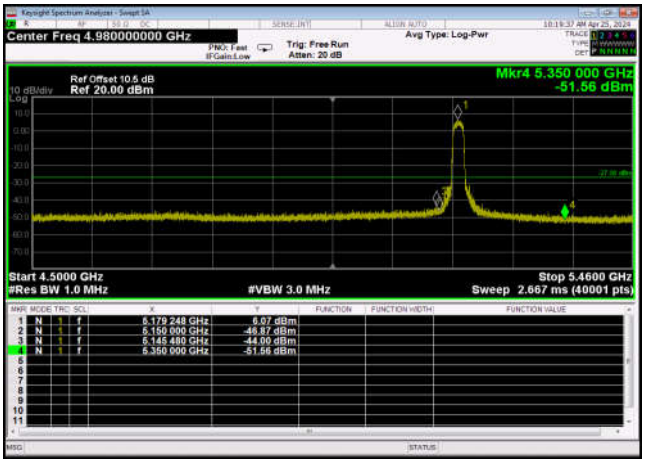
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11n(40MHz),5190MHz,Ant1



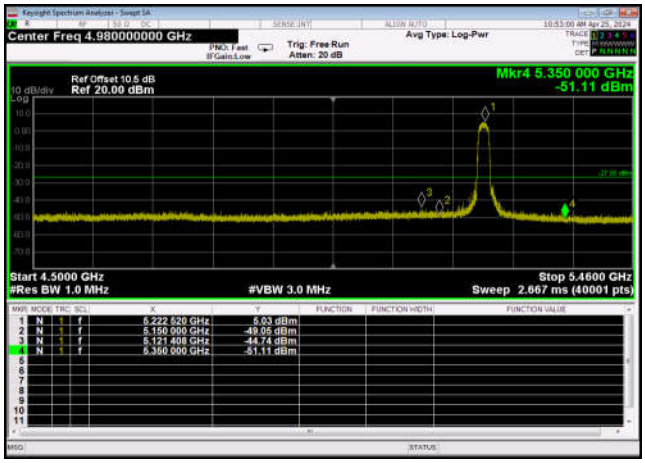
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11n(40MHz),5230MHz,Ant1



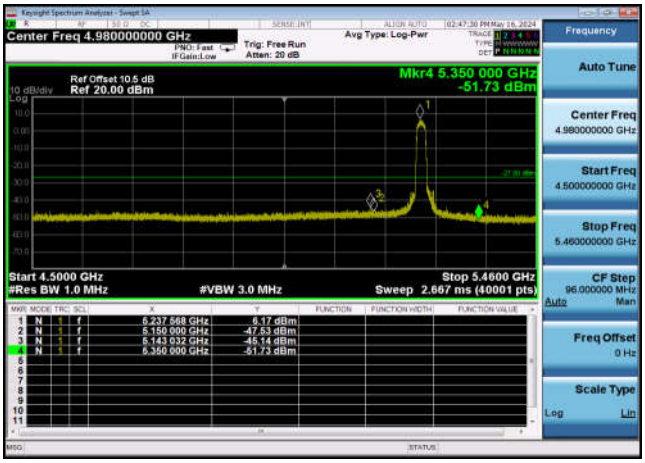
U-NII-1 ,Plot 1,Band Edge-802.11a(20MHz),5180MHz,Ant1



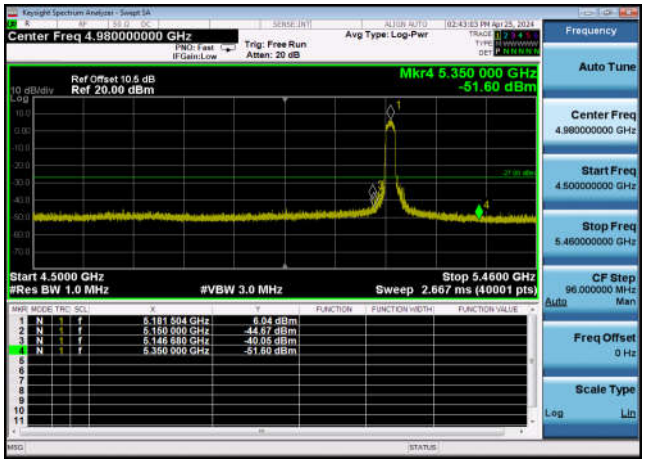
U-NII-1 ,Plot 1,Band Edge-802.11a(20MHz),5220MHz,Ant1



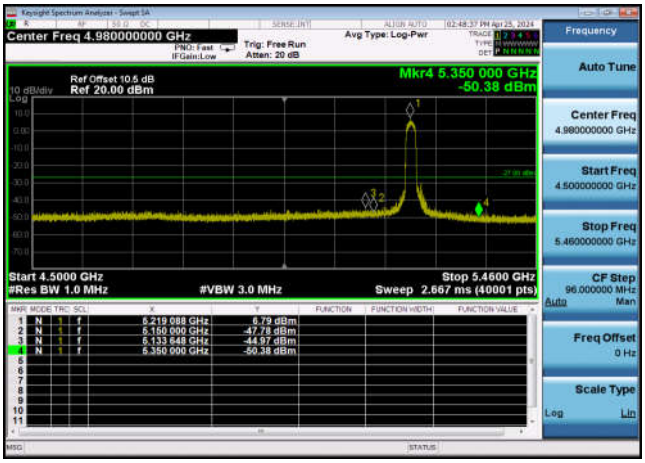
U-NII-1 ,Plot 1,Band Edge-802.11a(20MHz),5240MHz,Ant1



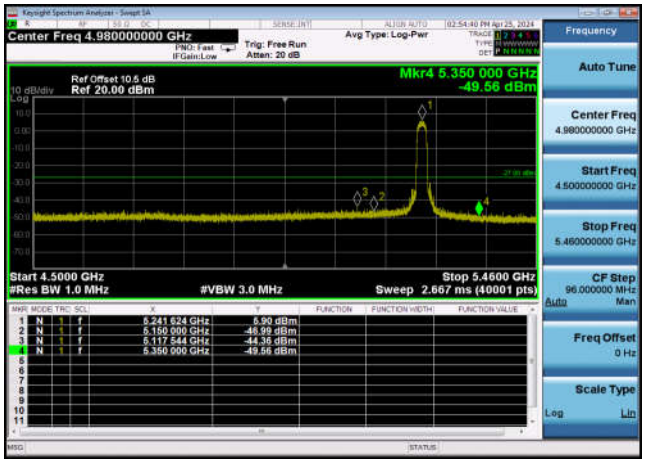
U-NII-1 ,Plot 1,Band Edge-802.11ac(20 MHz),5180MHz,Ant1



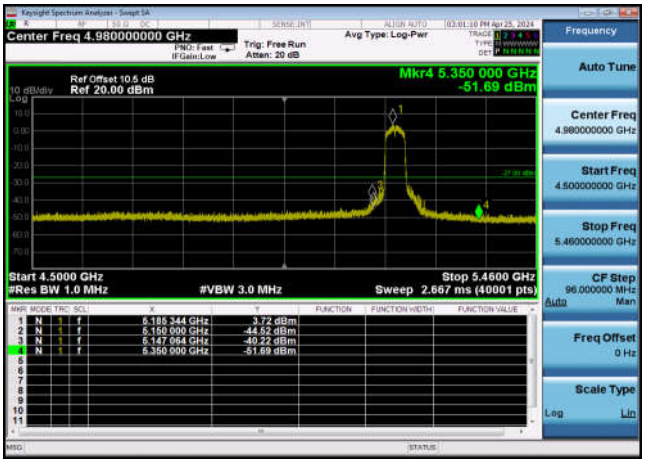
U-NII-1 ,Plot 1,Band Edge-802.11ac(20 MHz),5220MHz,Ant1



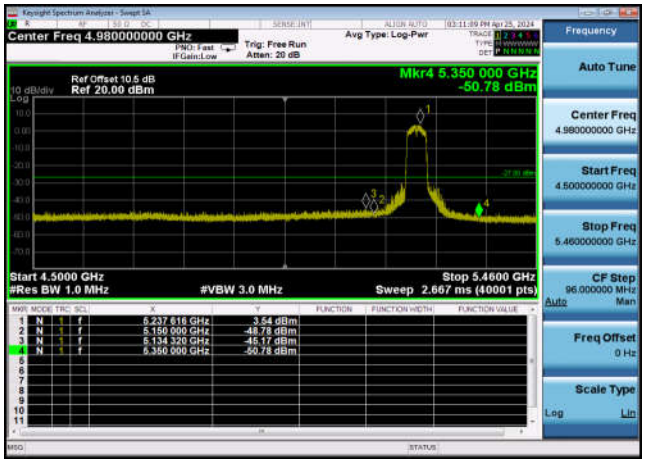
U-NII-1 ,Plot 1,Band Edge-802.11ac(20 MHz),5240MHz,Ant1



U-NII-1 ,Plot 1,Band Edge-802.11ac(40 MHz),5190MHz,Ant1

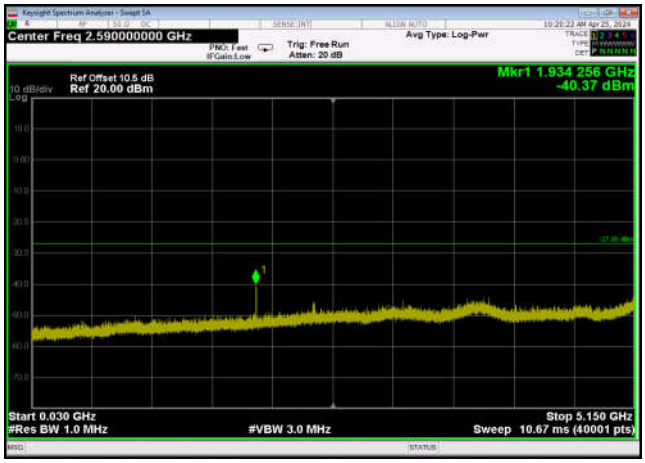


U-NII-1 ,Plot 1,Band Edge-802.11ac(40 MHz),5230MHz,Ant1

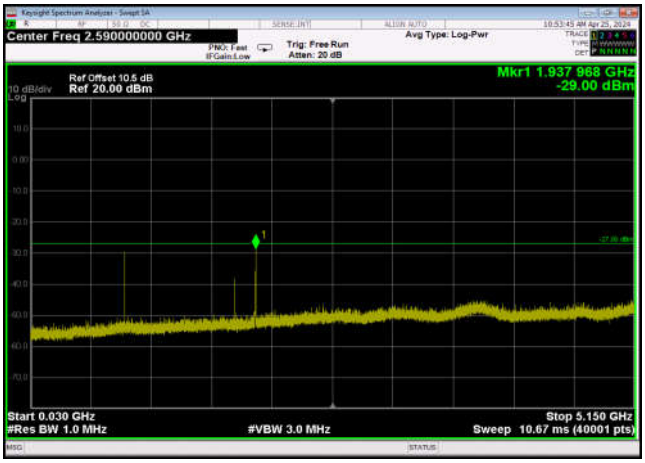


U-NII-1 ,Plot 1,Band Edge-802.11ac(80 MHz),5210MHz,Ant1

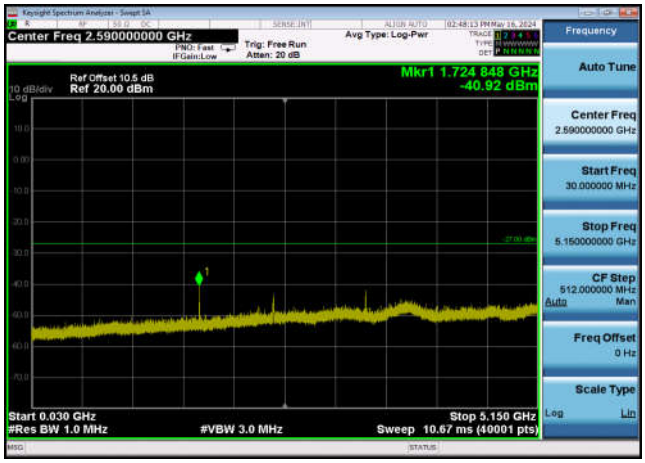
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11a (20MHz),5180MHz,Ant1



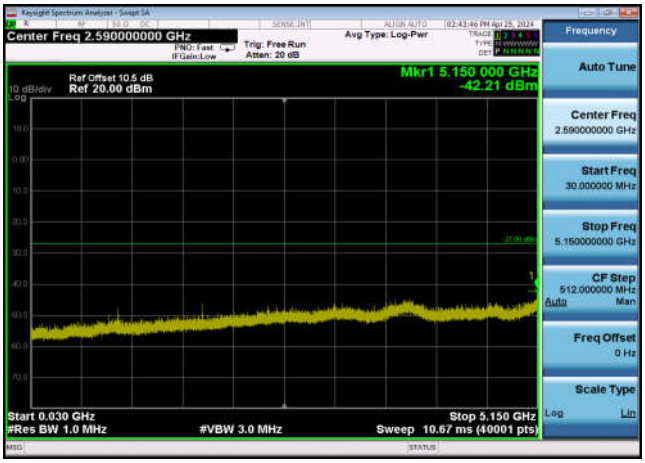
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11a (20MHz),5220MHz,Ant1



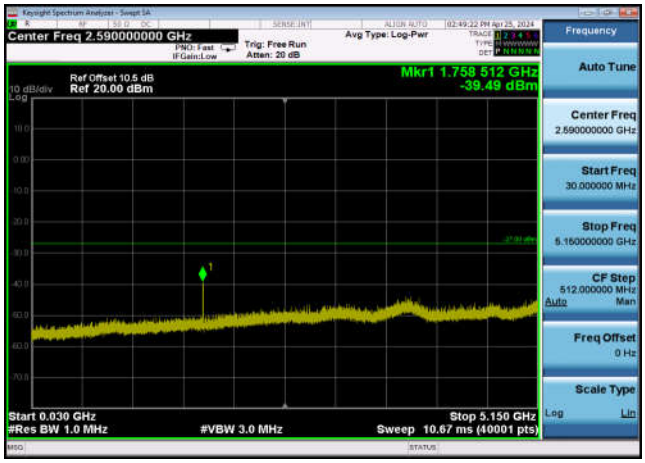
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11a (20MHz),5240MHz,Ant1



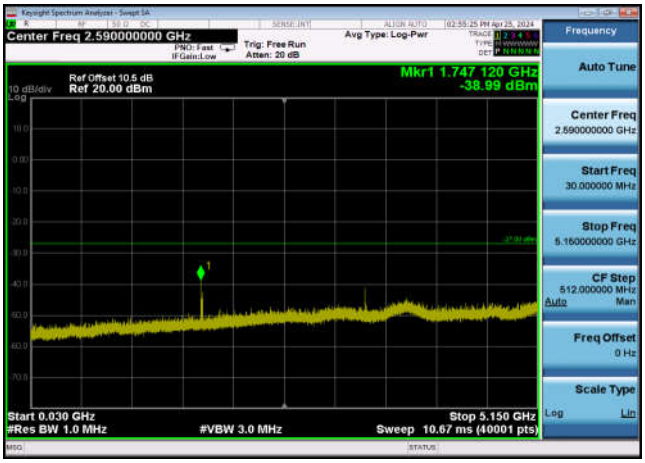
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11a c(20MHz),5180MHz,Ant1



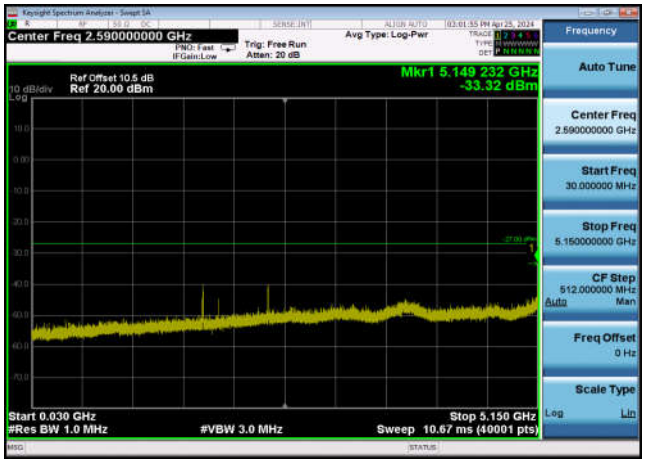
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11a c(20MHz),5220MHz,Ant1



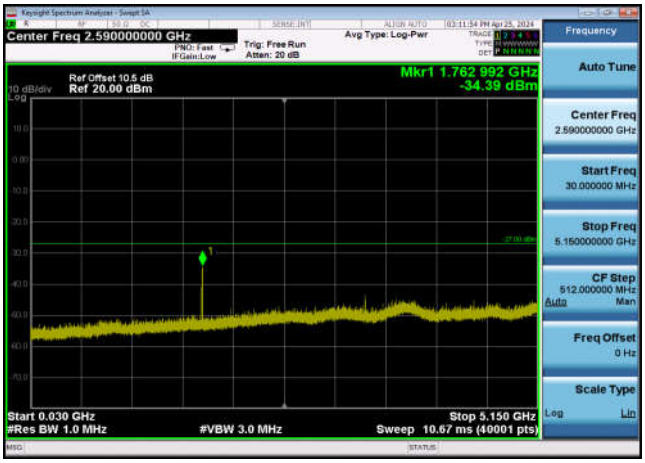
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11a c(20MHz),5240MHz,Ant1



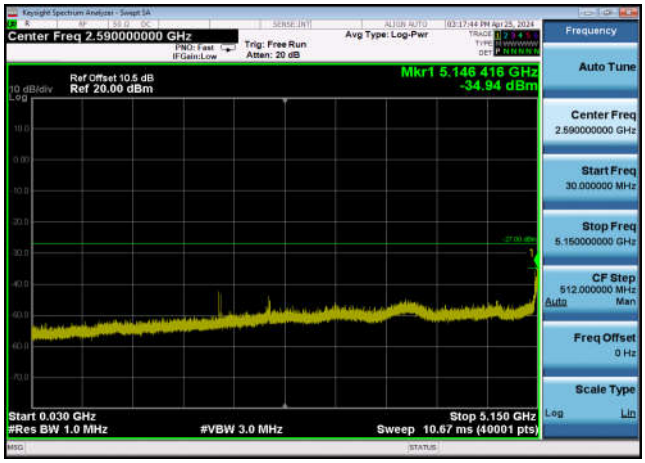
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11ac(40MHz),5190MHz,Ant1



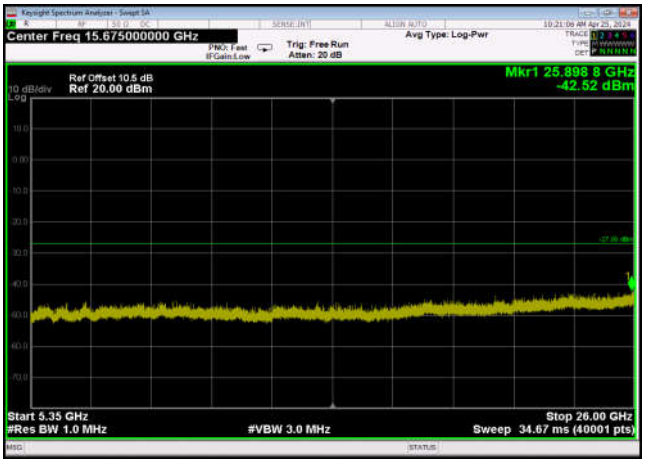
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11ac(40MHz),5230MHz,Ant1



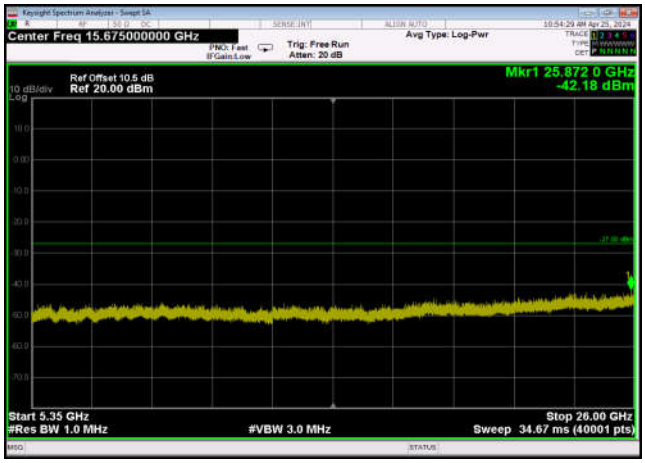
U-NII-1 ,Plot 2,30MHz~5150MHz-802.11ac(80MHz),5210MHz,Ant1



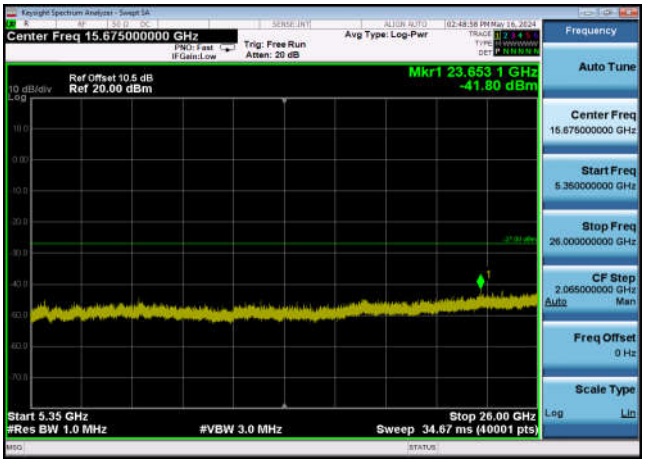
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11a(20MHz),5180MHz,Ant1



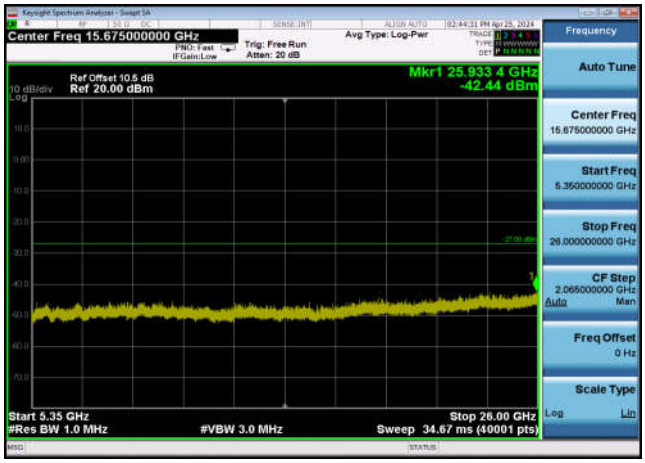
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11a(20MHz),5220MHz,Ant1



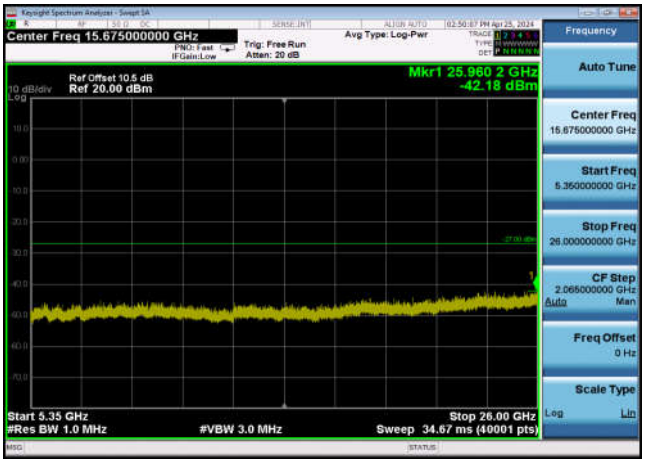
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11a(20MHz),5240MHz,Ant1



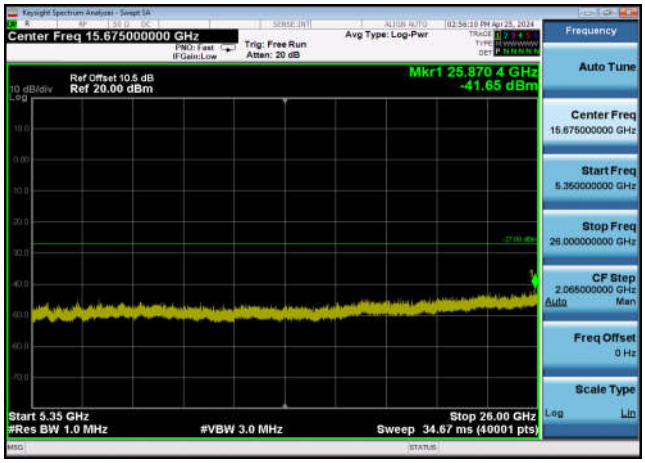
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11ac(20MHz),5180MHz,Ant1



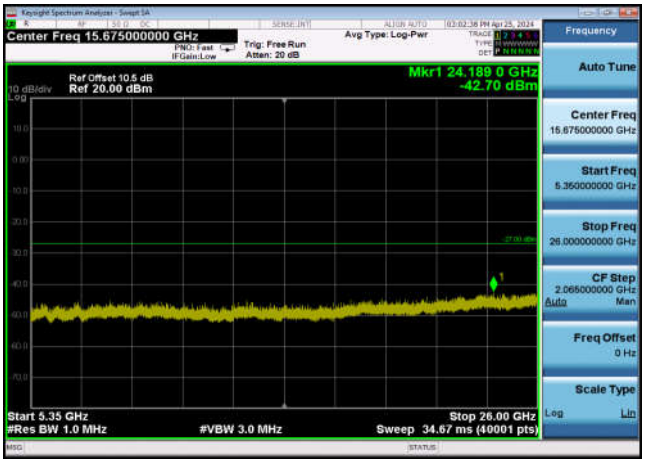
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11ac(20MHz),5220MHz,Ant1



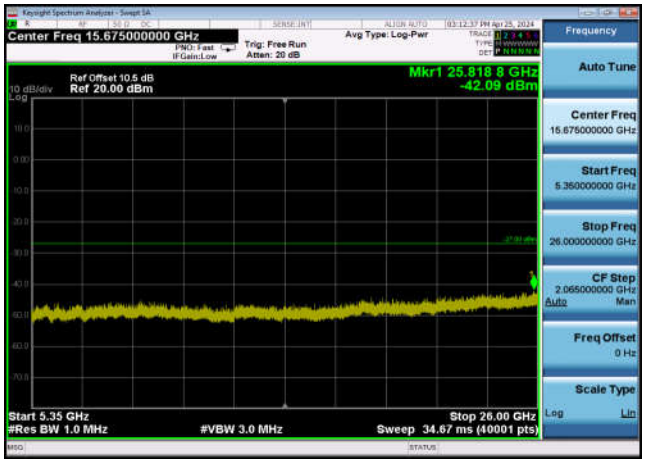
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11ac(20MHz),5240MHz,Ant1



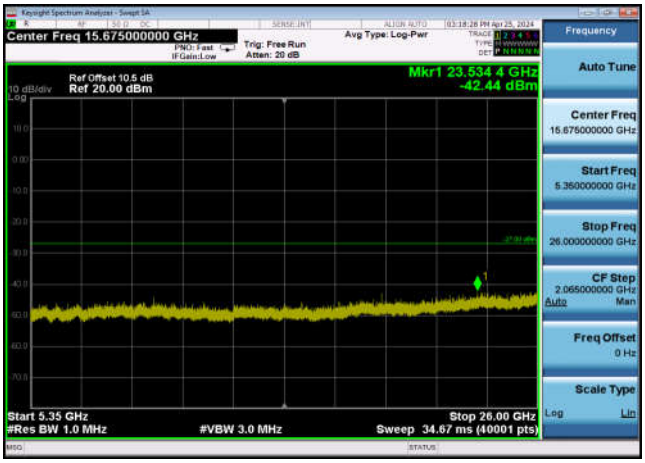
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11ac(40MHz),5190MHz,Ant1



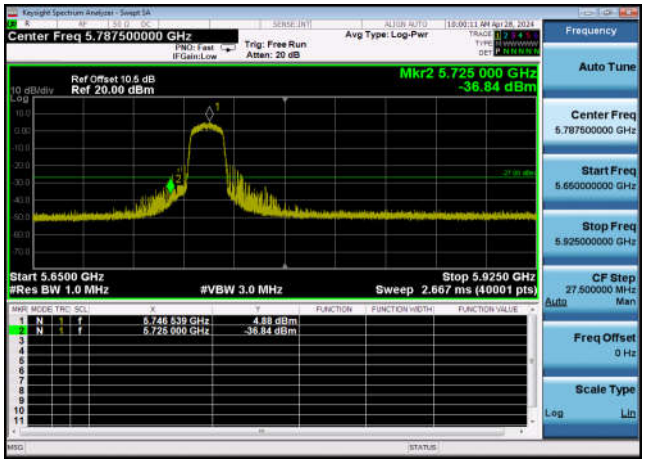
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11ac(40MHz),5230MHz,Ant1



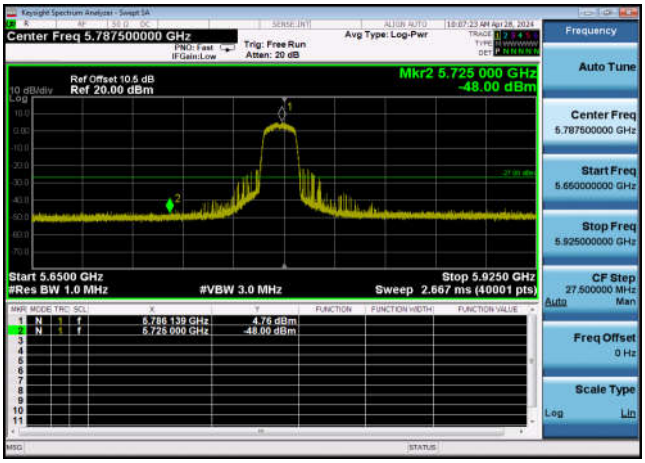
U-NII-1 ,Plot 3,5350MHz~26000MHz-802.11ac(80MHz),5210MHz,Ant1



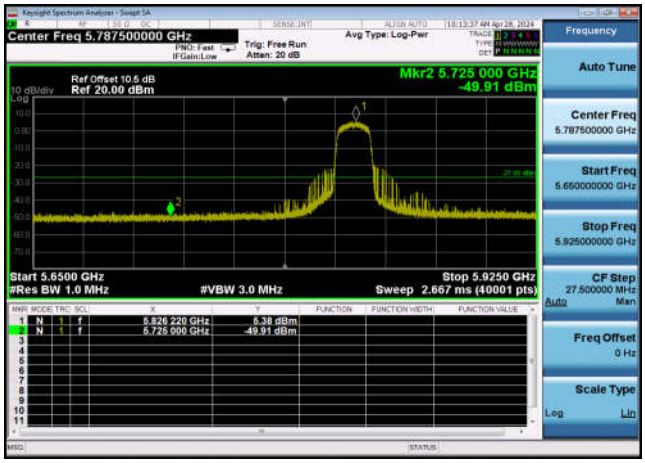
U-NII-3 ,Plot 1,Band Edge-802.11n(20MHz),5745MHz,Ant1



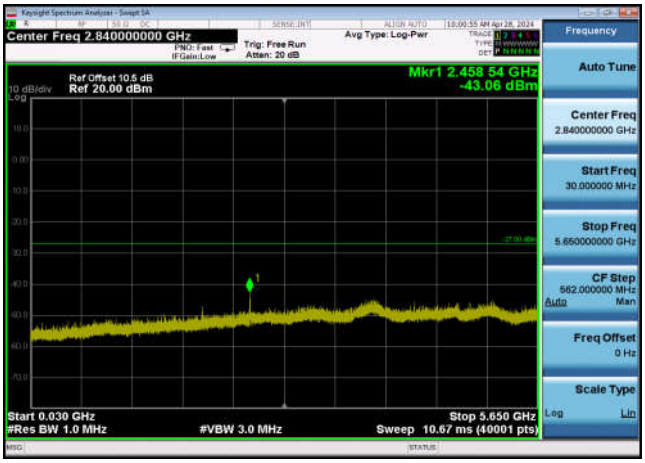
U-NII-3 ,Plot 1,Band Edge-802.11n(20MHz),5785MHz,Ant1



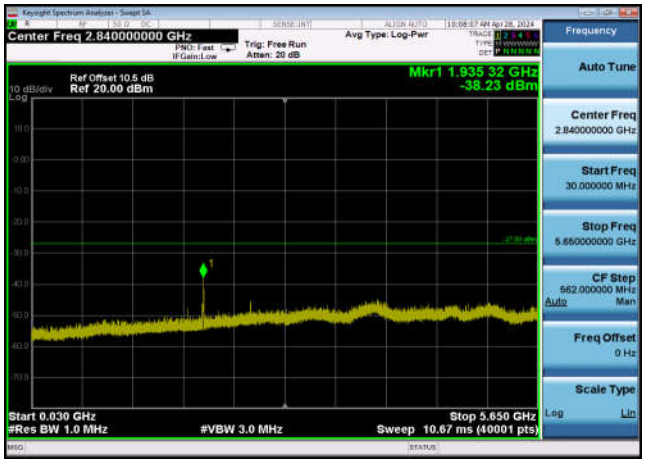
U-NII-3 ,Plot 1,Band Edge-802.11n(20MHz),5825MHz,Ant1



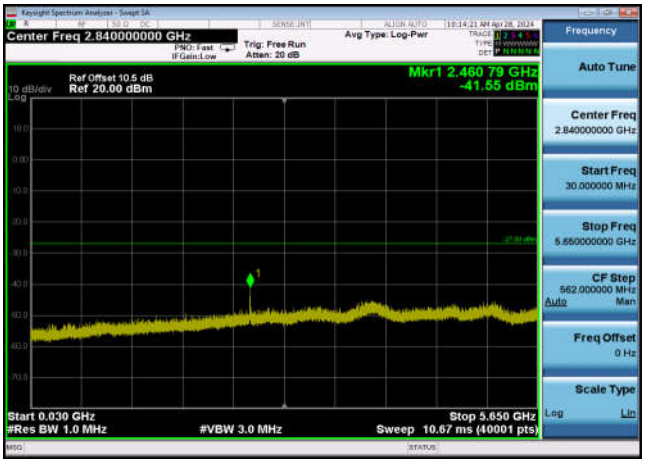
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11n(20MHz),5745MHz,Ant1



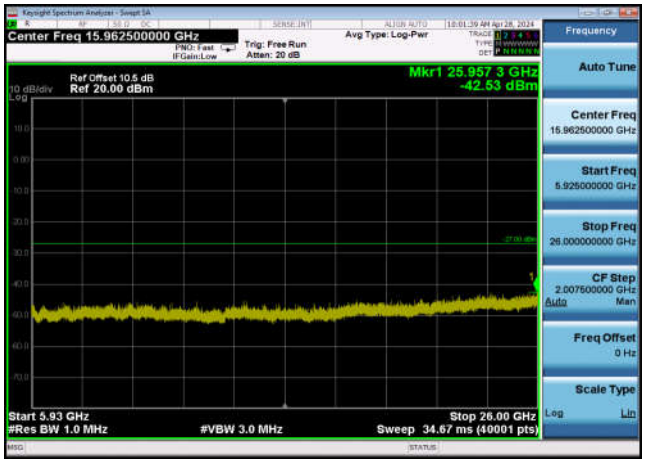
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11n(20MHz),5785MHz,Ant1



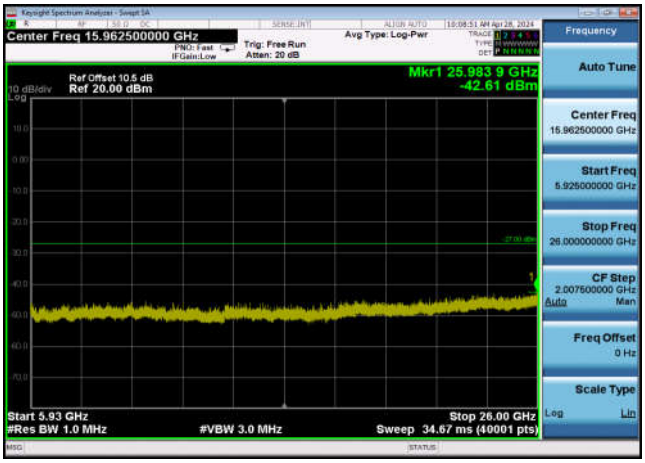
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11n(20MHz),5825MHz,Ant1



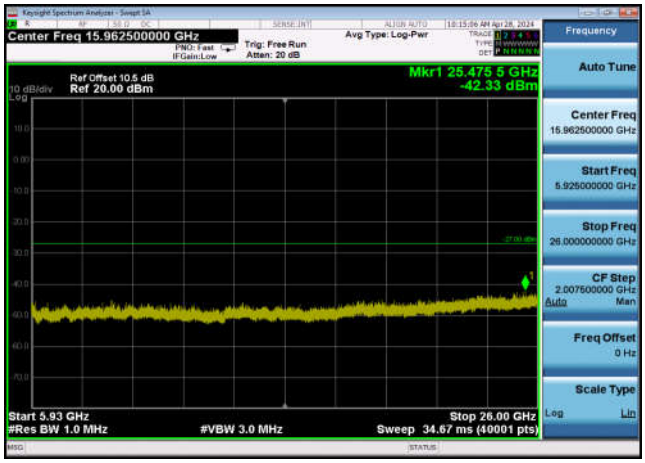
U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11n(20MHz),5745MHz,Ant1



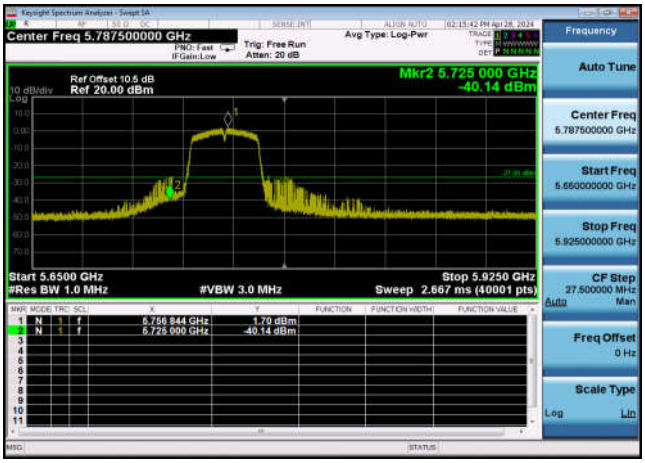
U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11n(20MHz),5785MHz,Ant1



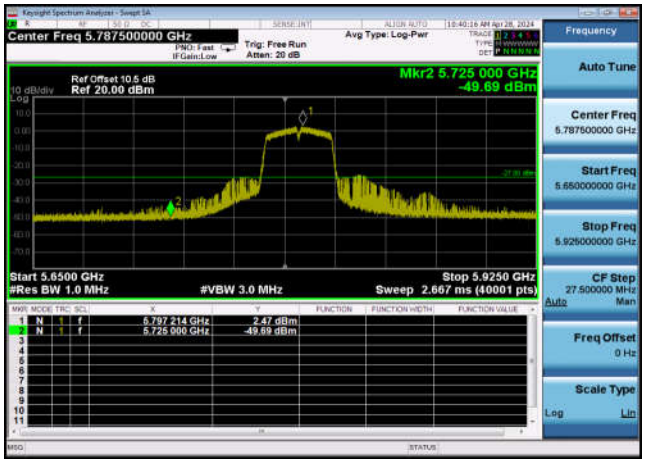
U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11n(20MHz),5825MHz,Ant1



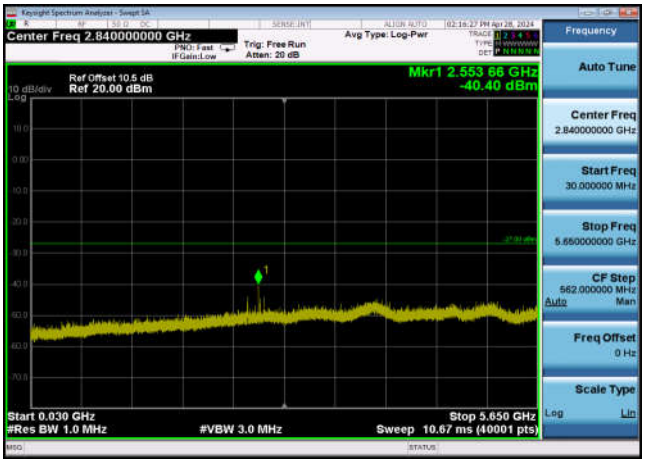
U-NII-3 ,Plot 1,Band Edge-802.11n(40MHz),5755MHz,Ant1



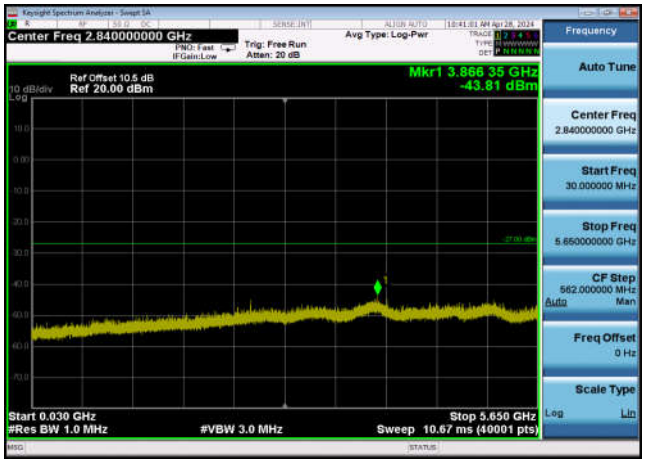
U-NII-3 ,Plot 1,Band Edge-802.11n(40MHz),5795MHz,Ant1



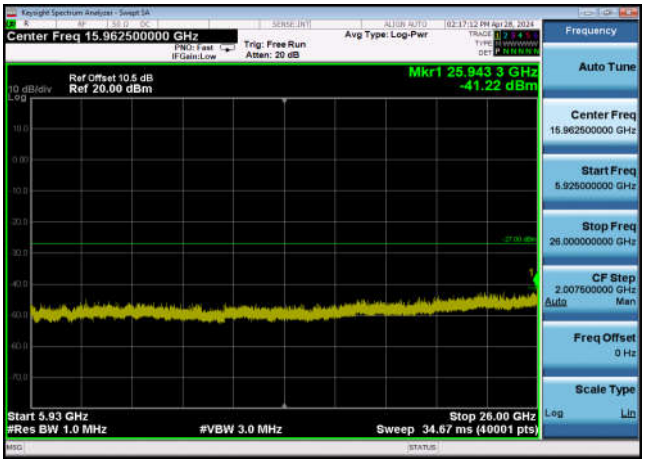
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11n(40MHz),5755MHz,Ant1



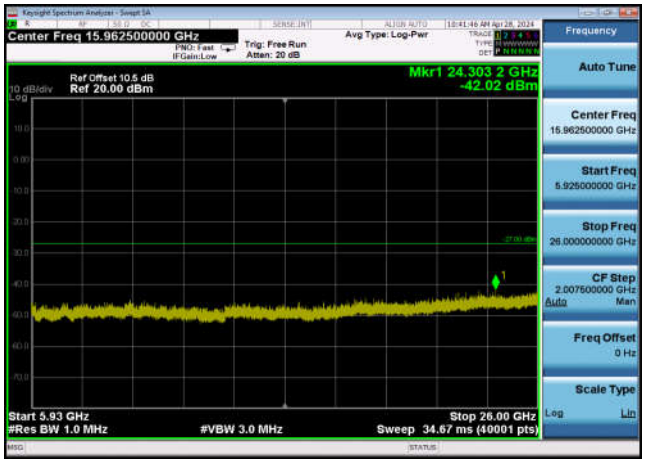
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11n (40MHz),5795MHz,Ant1



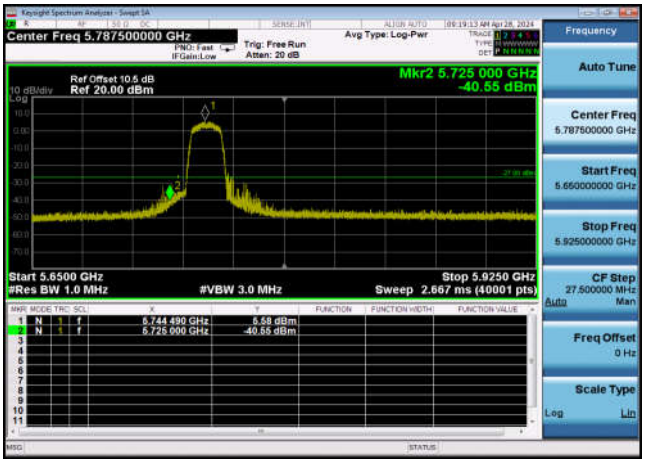
U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11n(40MHz),5755MHz,Ant1



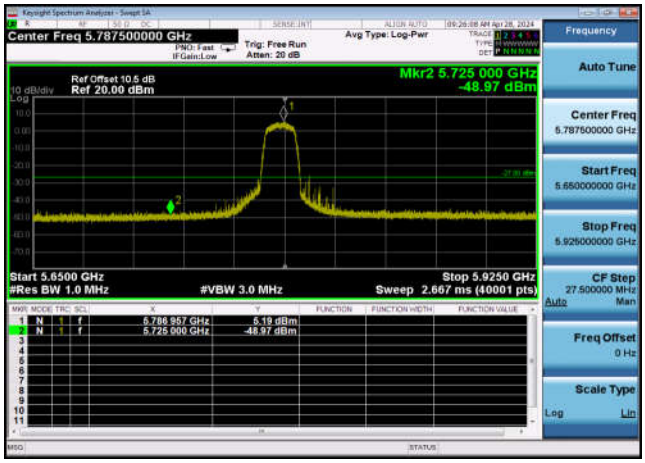
U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11n(40MHz),5795MHz,Ant1



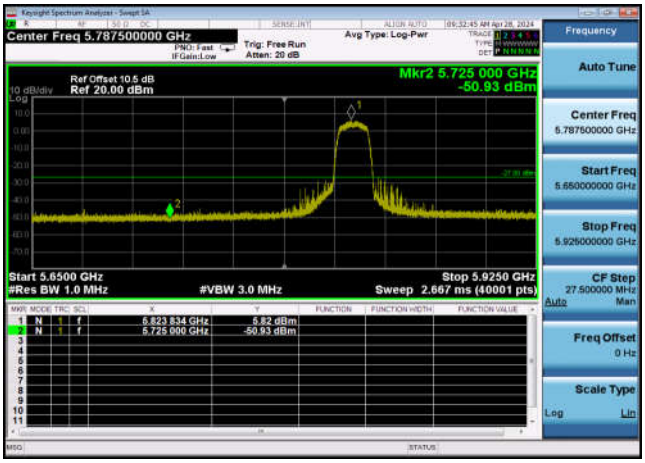
U-NII-3 ,Plot 1,Band Edge-802.11a(20MHz),5745MHz,Ant1



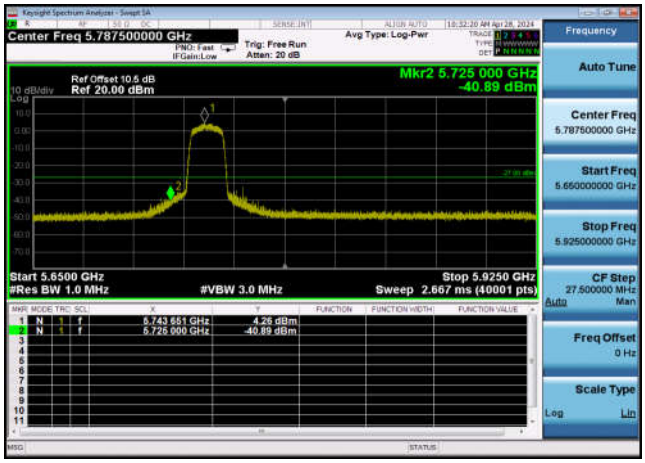
U-NII-3 ,Plot 1,Band Edge-802.11a(20MHz),5785MHz,Ant1



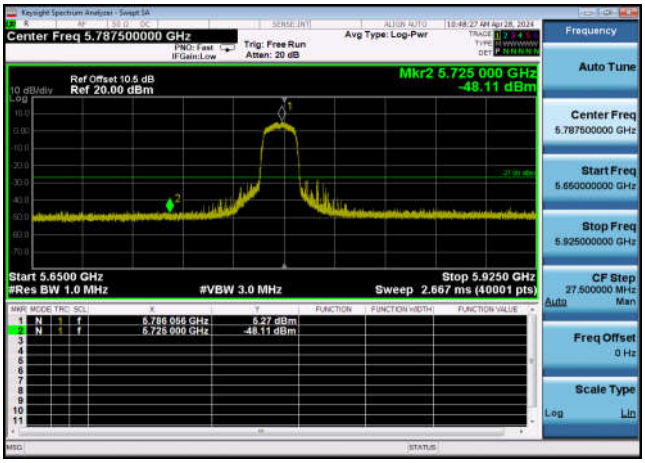
U-NII-3 ,Plot 1,Band Edge-802.11a(20MHz),5825MHz,Ant1



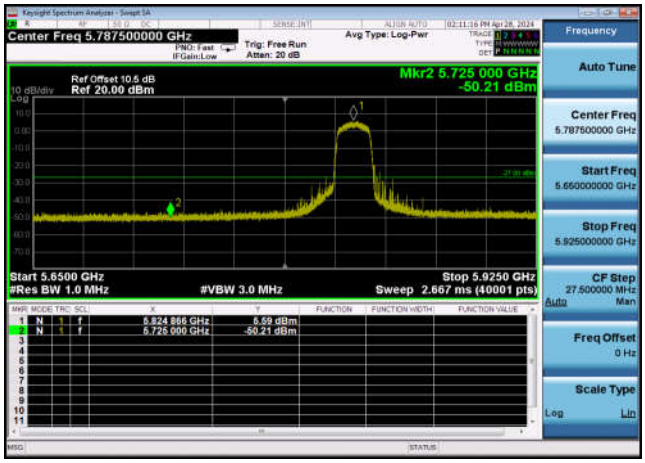
U-NII-3 ,Plot 1,Band Edge-802.11ac(20 MHz),5745MHz,Ant1



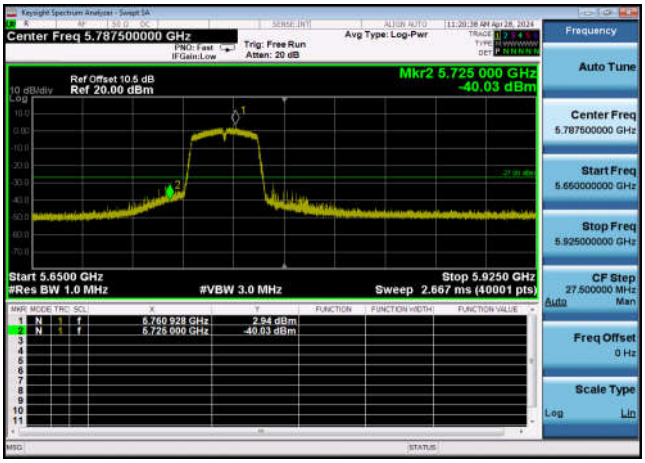
U-NII-3 ,Plot 1,Band Edge-802.11ac(20 MHz),5785MHz,Ant1



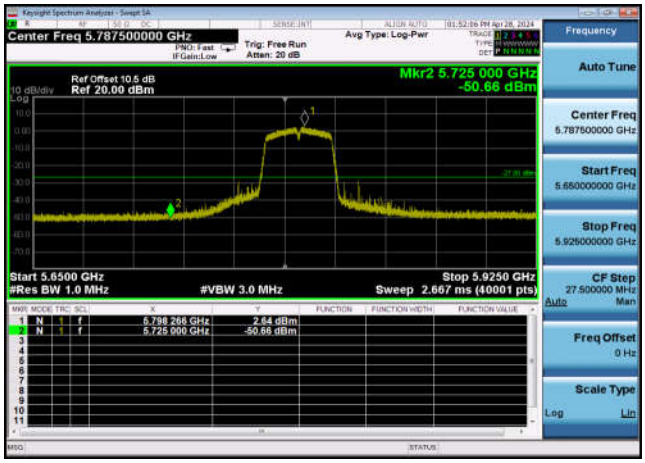
U-NII-3 ,Plot 1,Band Edge-802.11ac(20 MHz),5825MHz,Ant1



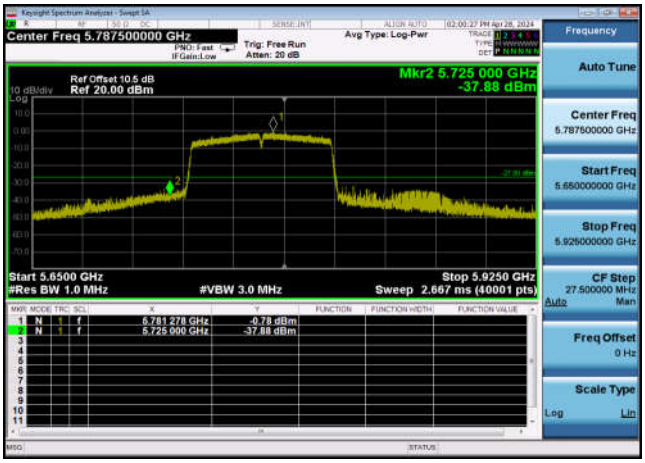
U-NII-3 ,Plot 1,Band Edge-802.11ac(40 MHz),5755MHz,Ant1



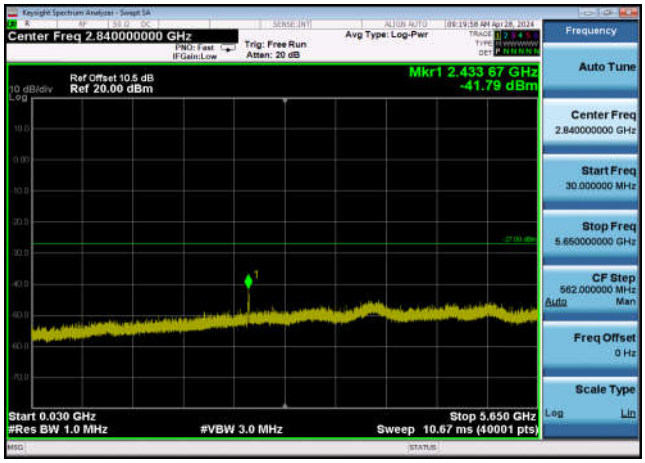
U-NII-3 ,Plot 1,Band Edge-802.11ac(40 MHz),5795MHz,Ant1



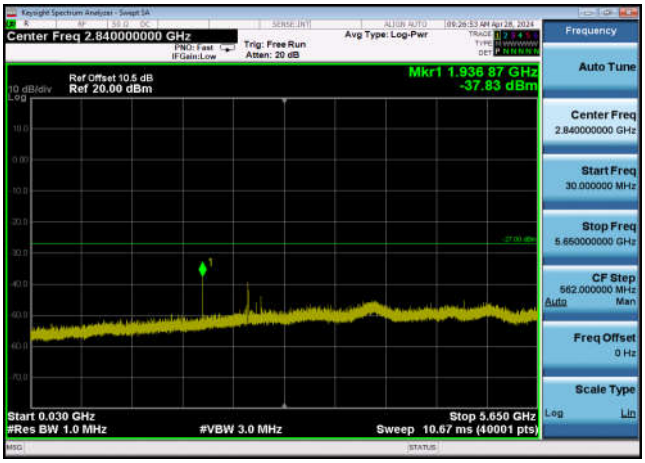
U-NII-3 ,Plot 1,Band Edge-802.11ac(80 MHz),5775MHz,Ant1



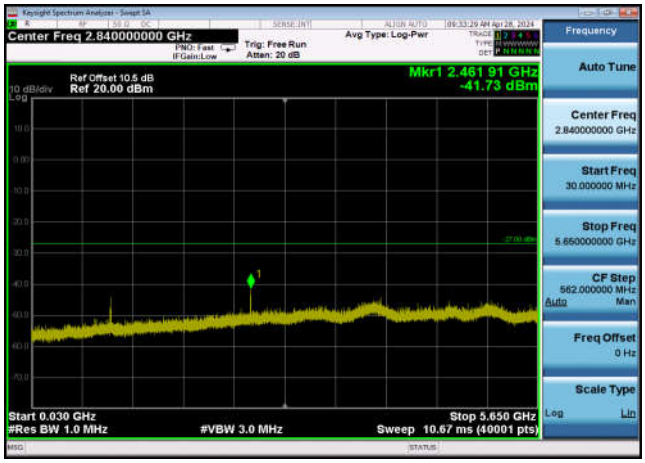
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11a (20MHz),5745MHz,Ant1



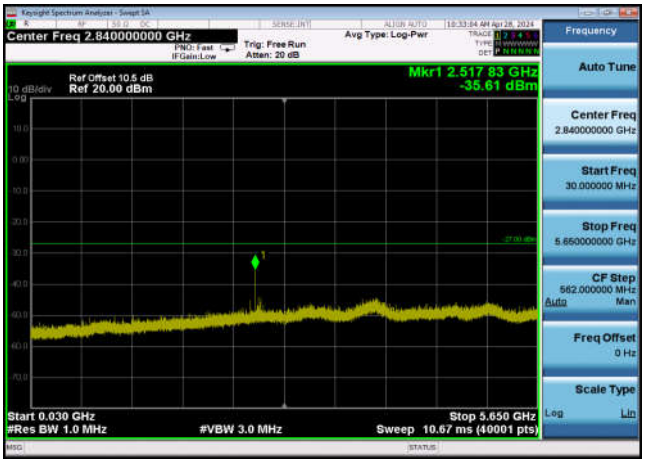
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11a (20MHz),5785MHz,Ant1



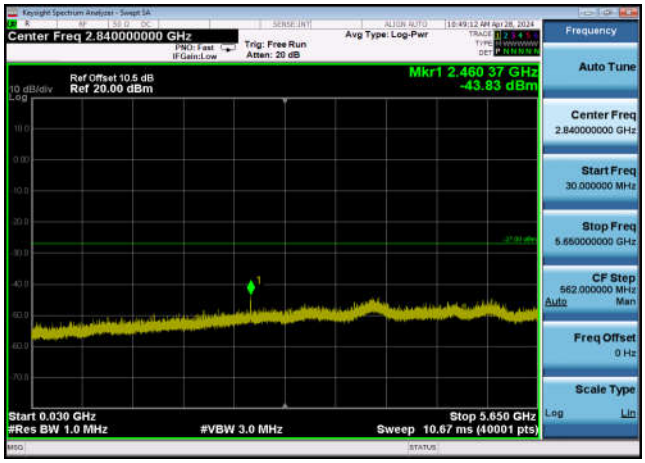
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11a (20MHz),5825MHz,Ant1



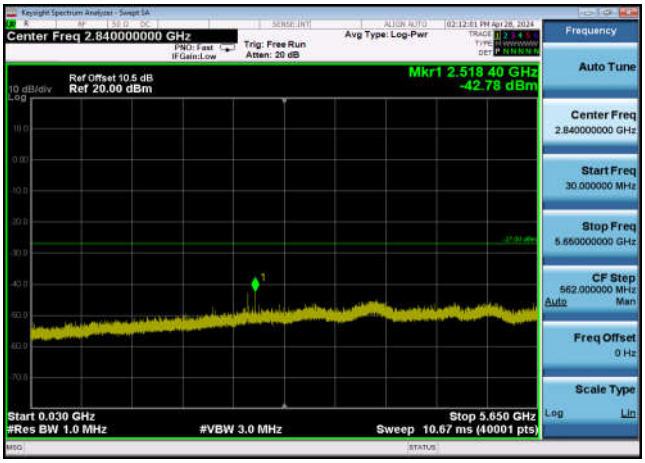
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11a c(20MHz),5745MHz,Ant1



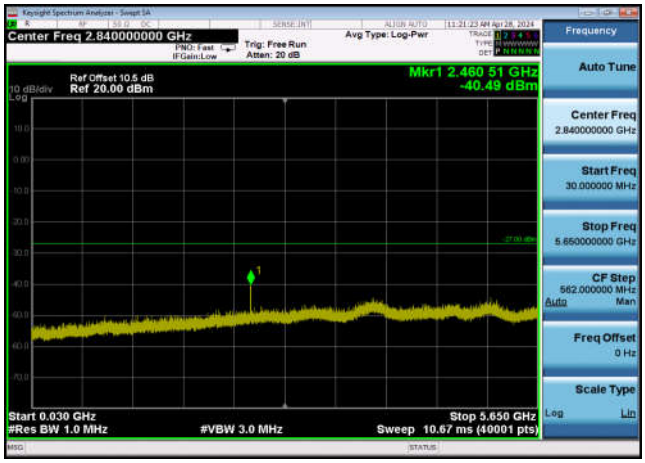
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11a c(20MHz),5785MHz,Ant1



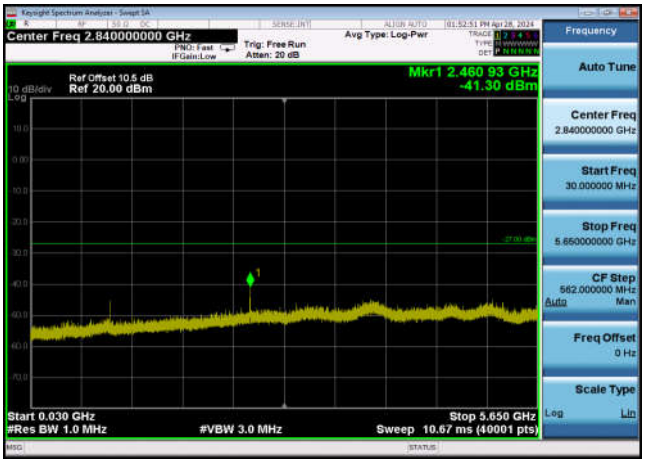
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11a c(20MHz),5825MHz,Ant1



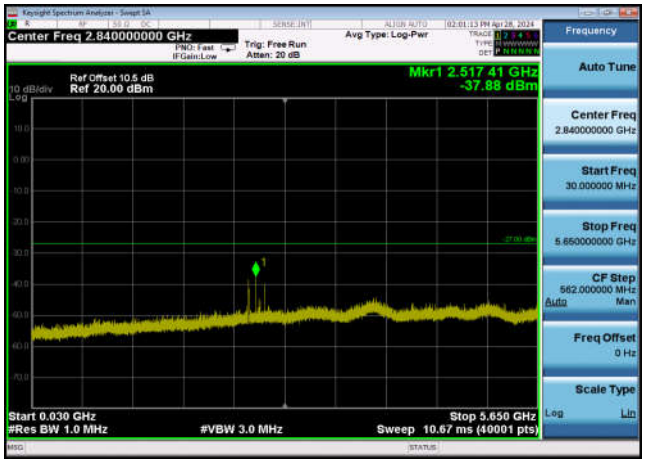
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11ac(40MHz),5755MHz,Ant1



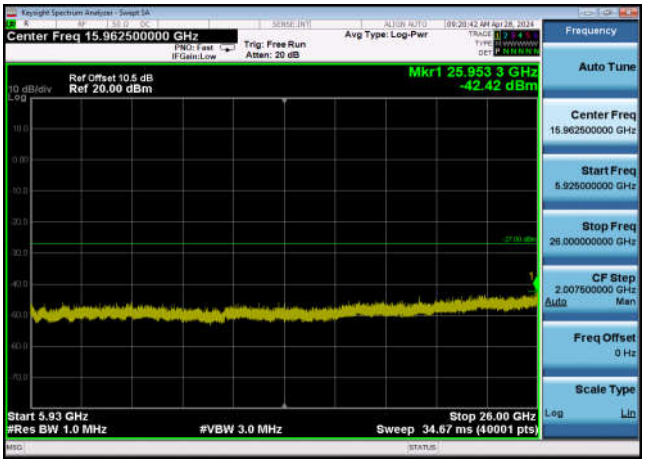
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11ac(40MHz),5795MHz,Ant1



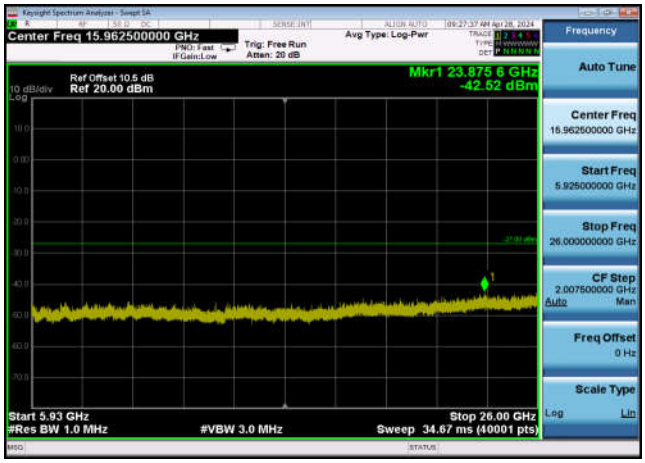
U-NII-3 ,Plot 2,30MHz~5650MHz-802.11ac(80MHz),5775MHz,Ant1



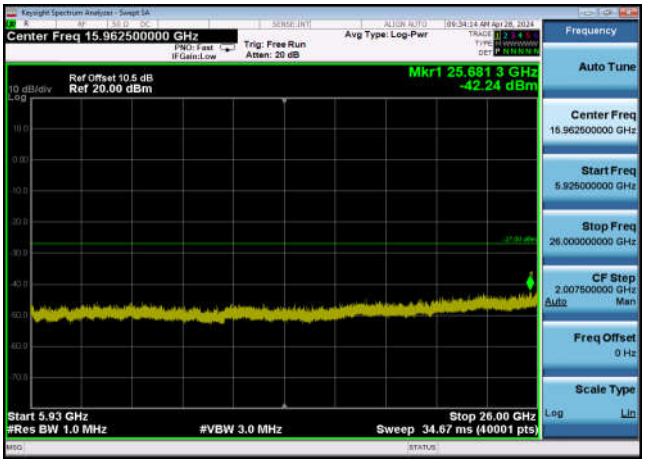
U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11a(20MHz),5745MHz,Ant1



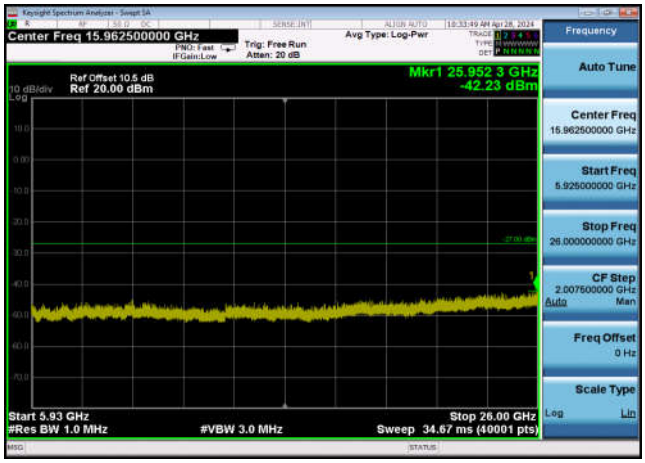
U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11a(20MHz),5785MHz,Ant1



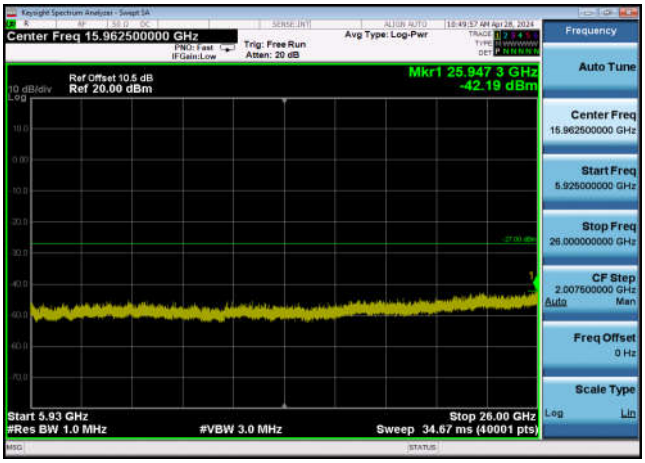
U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11a(20MHz),5825MHz,Ant1



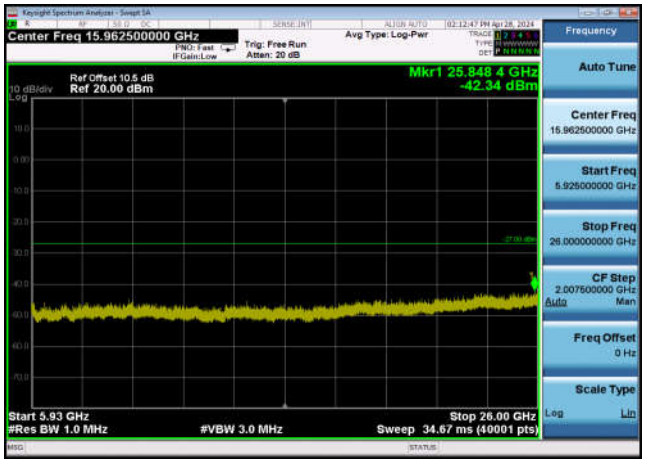
U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11ac(20MHz),5745MHz,Ant1



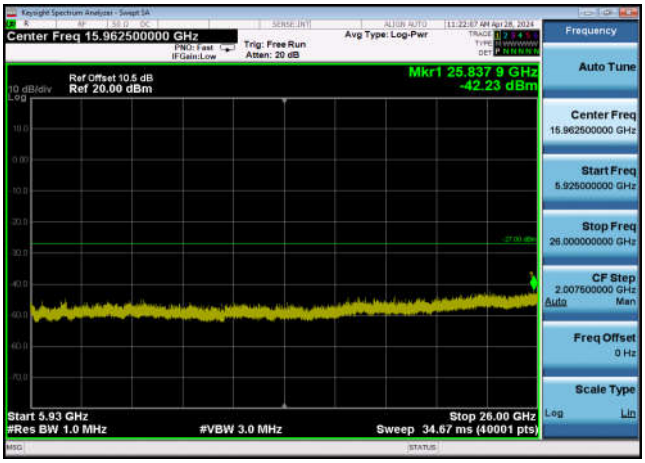
U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11ac(20MHz),5785MHz,Ant1



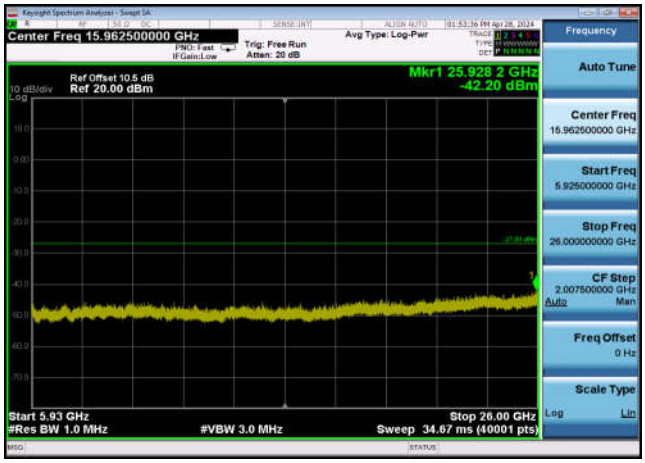
U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11ac(20MHz),5825MHz,Ant1



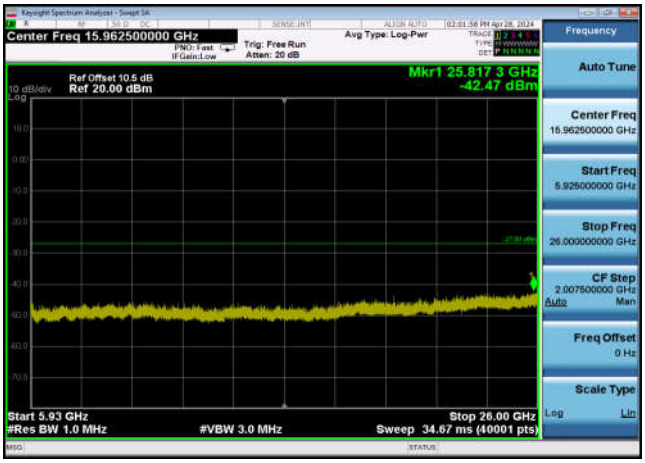
U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11ac(40MHz),5755MHz,Ant1



U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11ac(40MHz),5795MHz,Ant1



U-NII-3 ,Plot 3,5925MHz~26000MHz-802.11ac(80MHz),5775MHz,Ant1



** END OF REPORT **