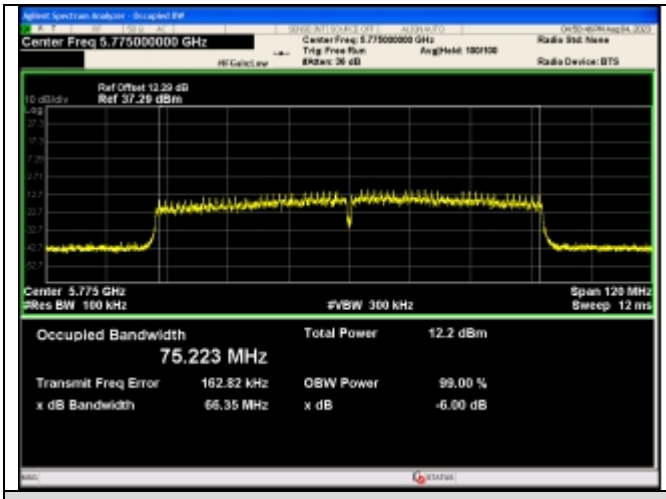
	Void
IEEE 802.11ac_Channel 155_80MHz_Antenna 0	

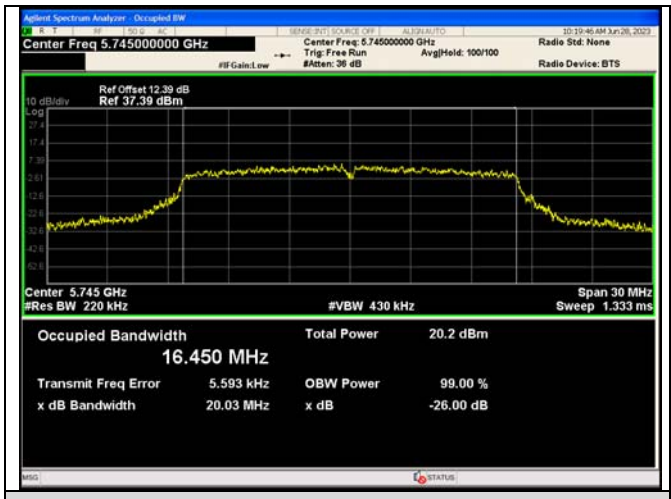
APPENDIX V.26dB Bandwidth

Test Result

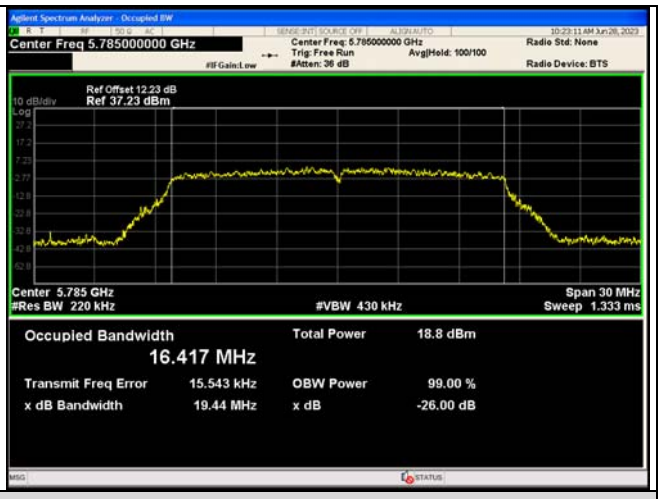
Antenna A:

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	149	0	5745	20.03	1.1
	157		5785	19.44	1.12
	165		5825	19.42	1.12
IEEE 802.11n_20	149		5745	19.95	1.12
	157		5785	19.64	1.12
	165		5825	19.79	1.13
IEEE 802.11n_40	151		5755	39.64	1.06
	159		5795	39.69	1.05
IEEE 802.11ac_20	149		5745	20.26	1.09
	157		5785	19.97	1.1
	165		5825	19.82	1.11
IEEE 802.11ac_40	151		5755	39.67	1.06
	159		5795	40.00	1.06
IEEE 802.11ac_80	155		5775	80.76	1.03

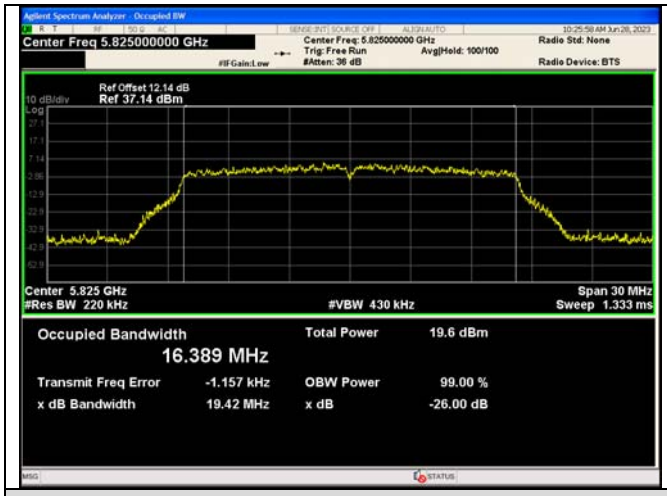
Test Graphs



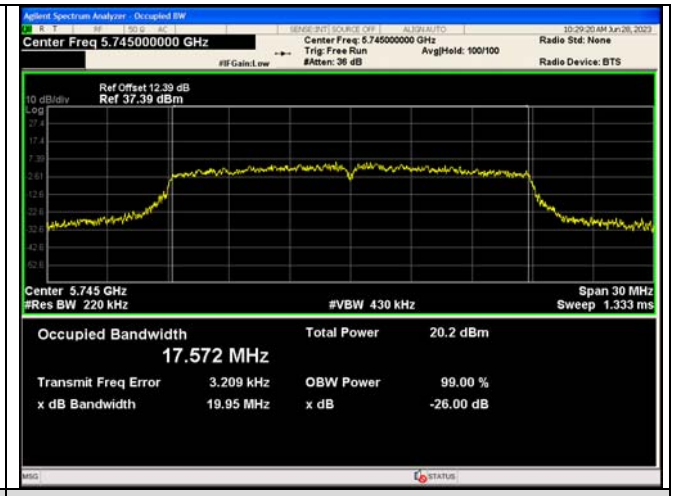
IEEE 802.11a_Channel 149_20MHz_Antenna 0



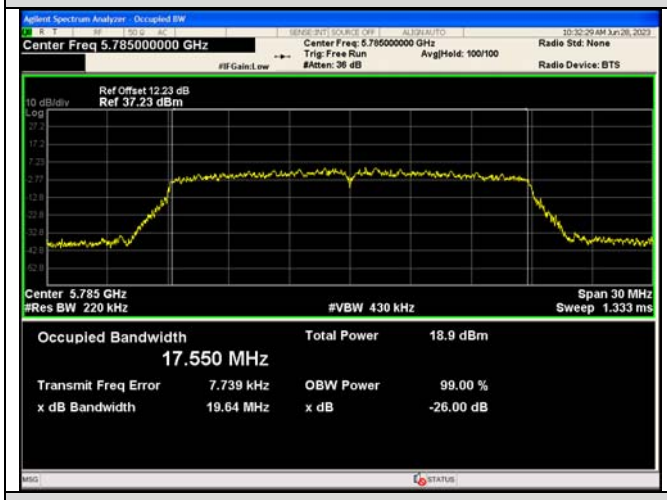
IEEE 802.11a_Channel 157_20MHz_Antenna 0



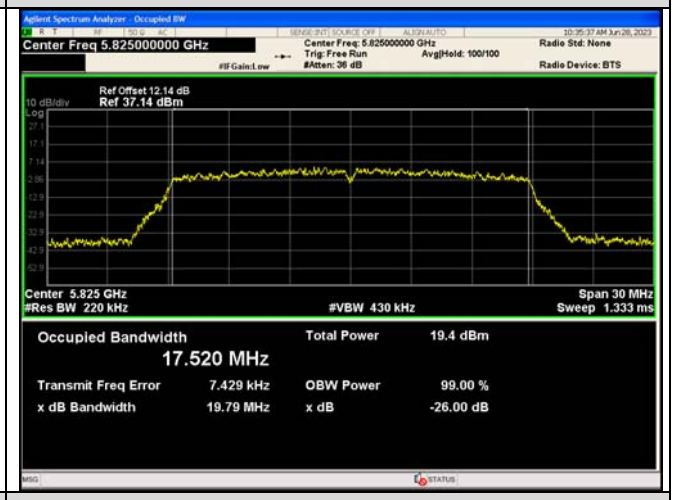
IEEE 802.11a_Channel 165_20MHz_Antenna 0



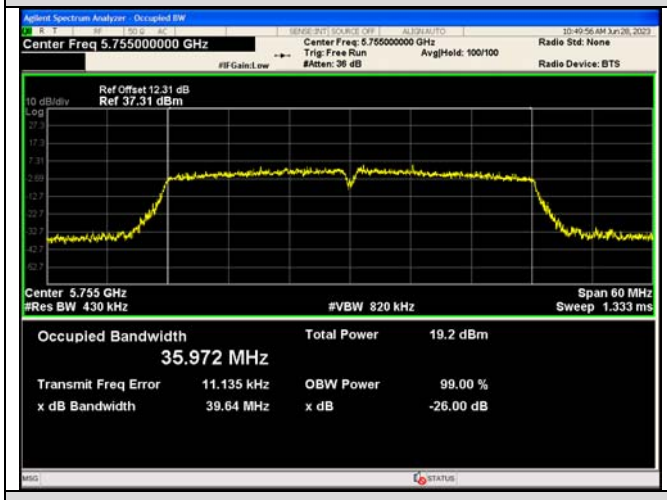
IEEE 802.11n_Channel 149_20MHz_Antenna 0



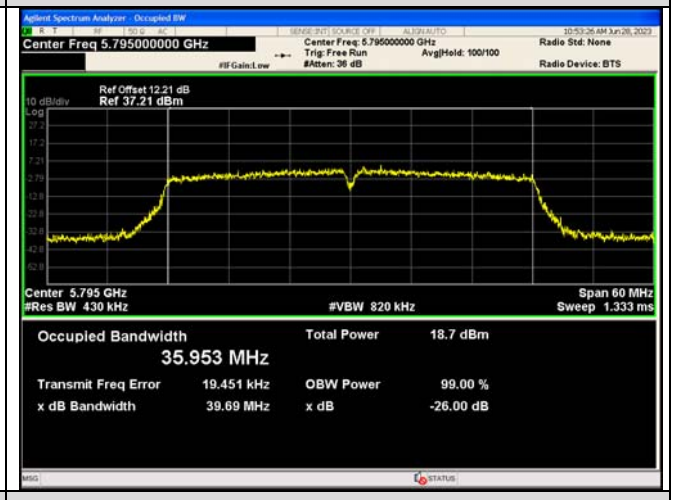
IEEE 802.11n_Channel 157_20MHz_Antenna 0



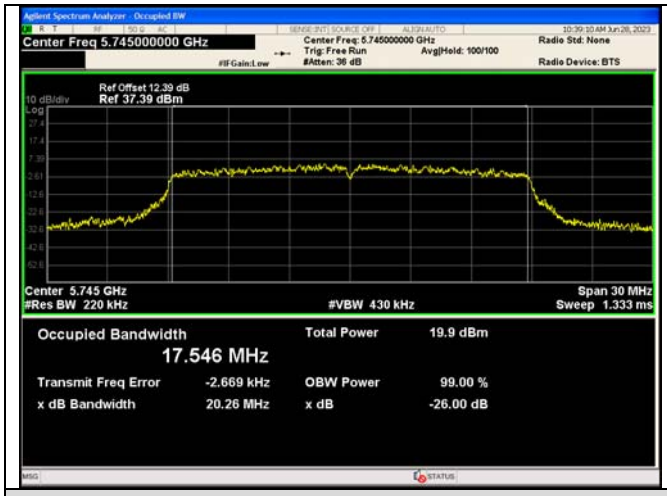
IEEE 802.11n_Channel 165_20MHz_Antenna 0



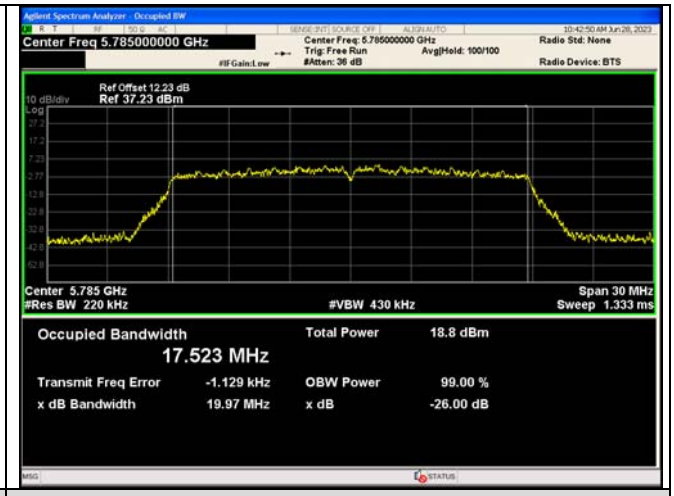
IEEE 802.11n_Channel 151_40MHz_Antenna 0



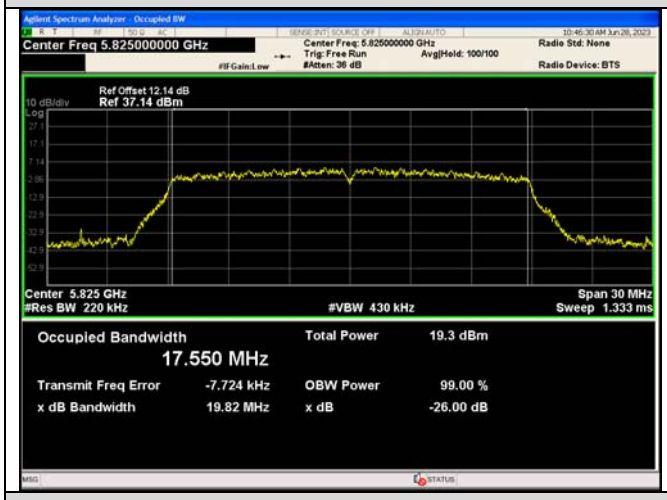
IEEE 802.11n_Channel 159_40MHz_Antenna 0



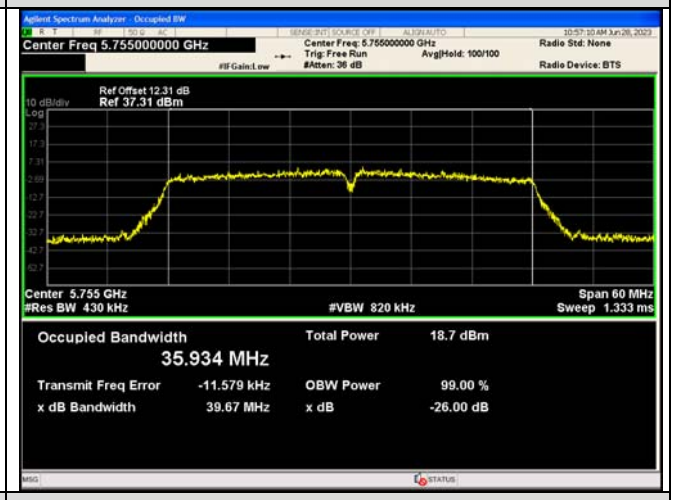
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



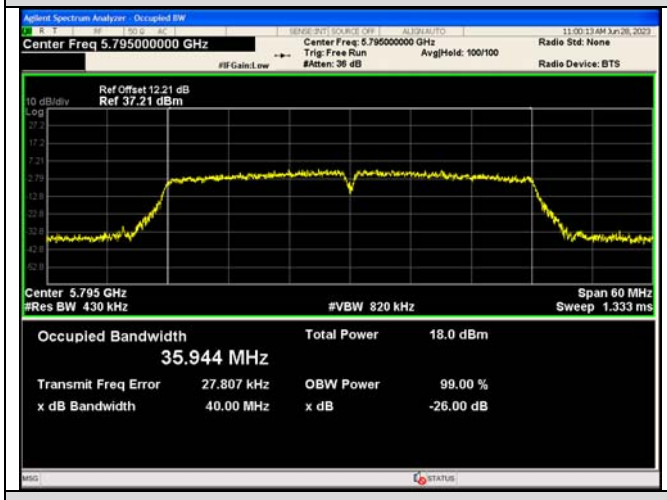
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



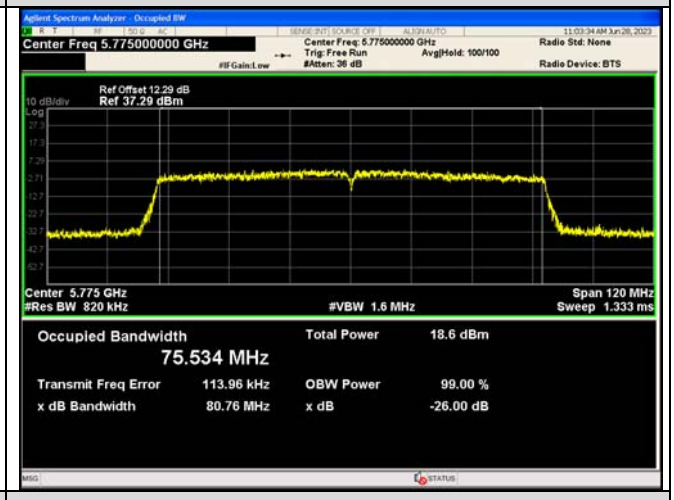
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



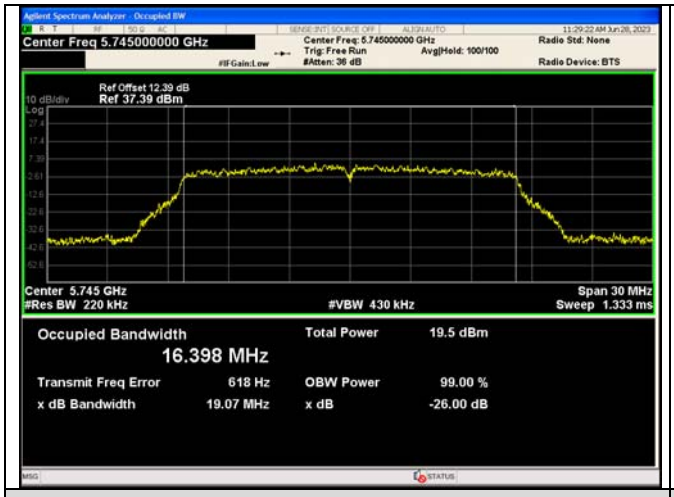
IEEE 802.11ac_Channel 155_80MHz_Antenna 0

Test Result

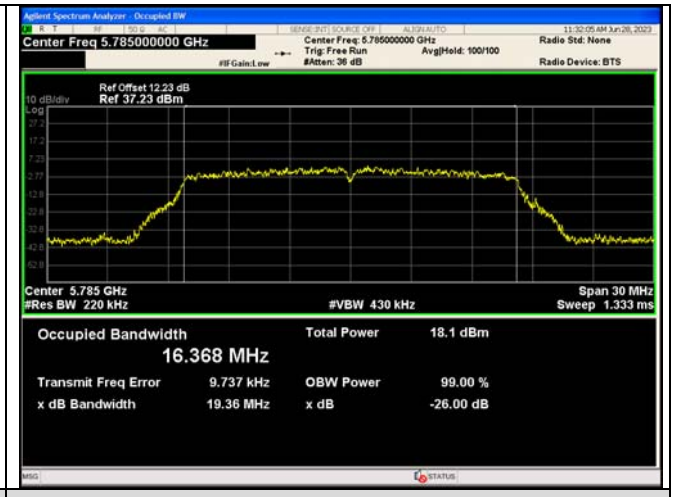
Antenna B:

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	149	0	5745	19.07	1.13
	157		5785	19.36	1.11
	165		5825	19.28	1.13
IEEE 802.11n_20	149		5745	19.83	1.1
	157		5785	19.82	1.11
	165		5825	19.52	1.13
IEEE 802.11n_40	151		5755	39.78	1.06
	159		5795	39.78	1.05
IEEE 802.11ac_20	149		5745	19.83	1.11
	157		5785	19.75	1.12
	165		5825	19.82	1.12
IEEE 802.11ac_40	151		5755	39.95	1.05
	159		5795	39.87	1.06
IEEE 802.11ac_80	155		5775	81.13	1.02

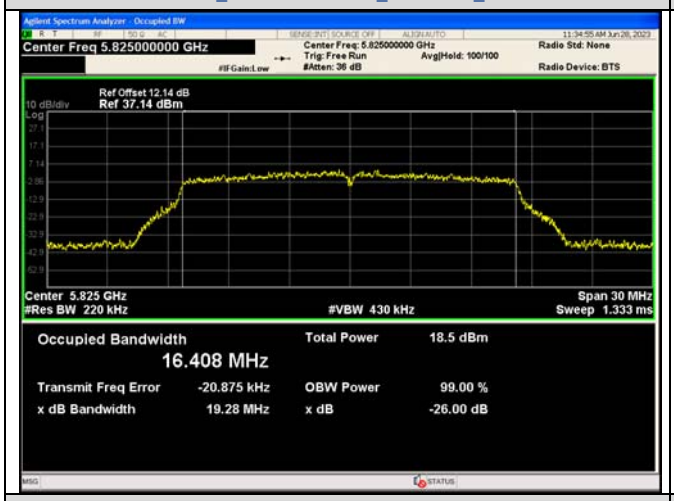
Test Graphs



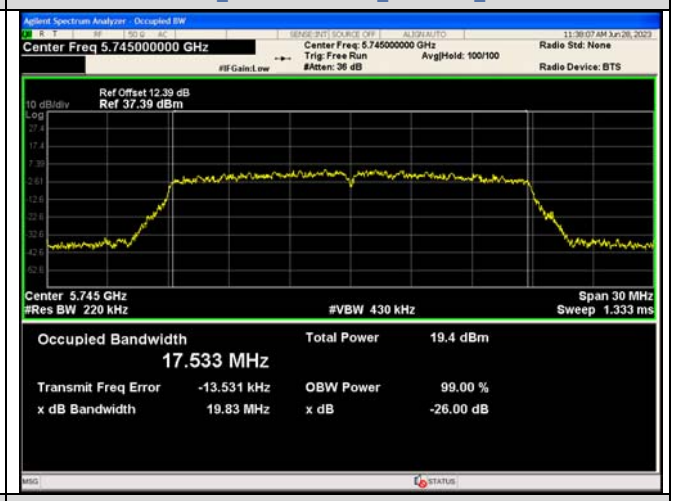
IEEE 802.11a_Channel 149_20MHz_Antenna 0



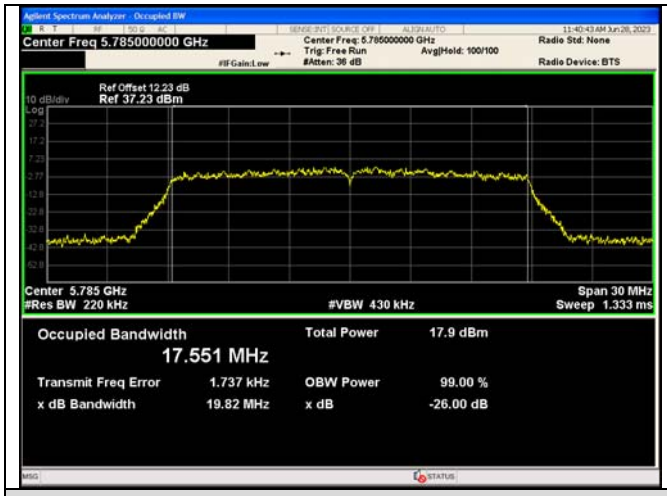
IEEE 802.11a_Channel 157_20MHz_Antenna 0



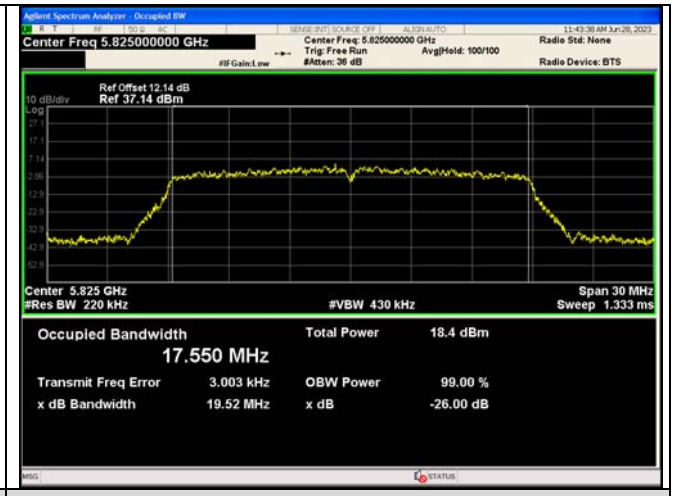
IEEE 802.11a_Channel 165_20MHz_Antenna 0



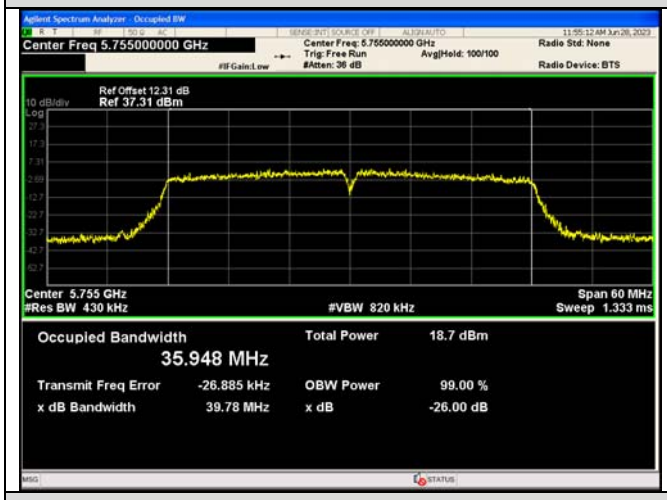
IEEE 802.11n_Channel 149_20MHz_Antenna 0



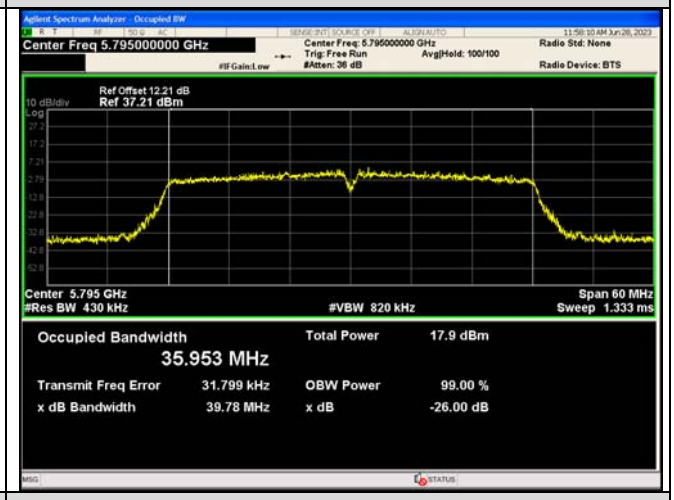
IEEE 802.11n_Channel 157_20MHz_Antenna 0



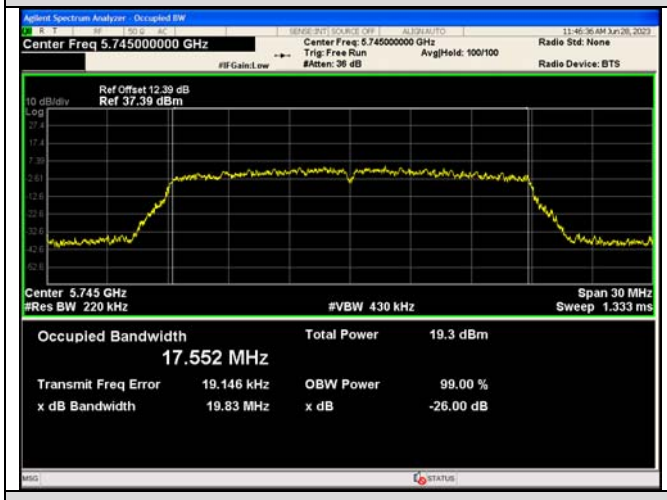
IEEE 802.11n_Channel 165_20MHz_Antenna 0



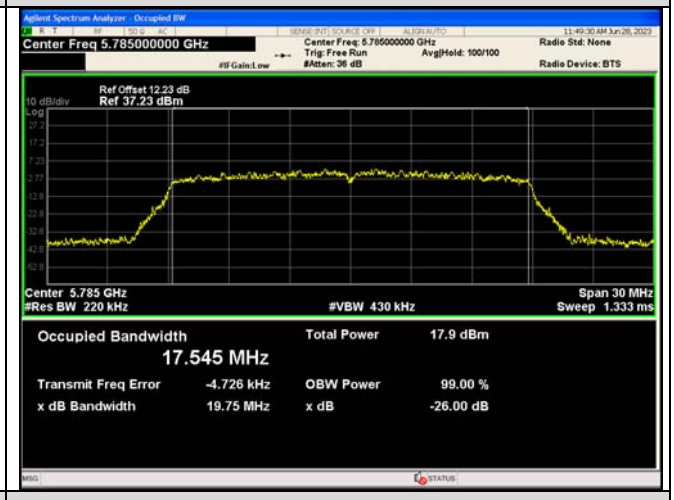
IEEE 802.11n_Channel 151_40MHz_Antenna 0



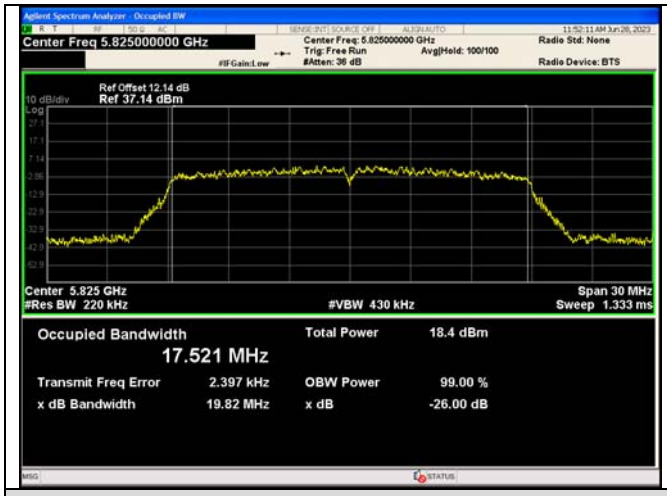
IEEE 802.11n_Channel 159_40MHz_Antenna 0



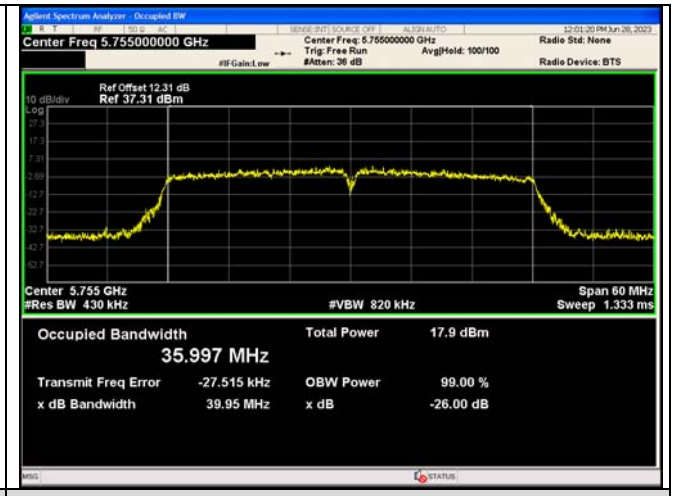
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



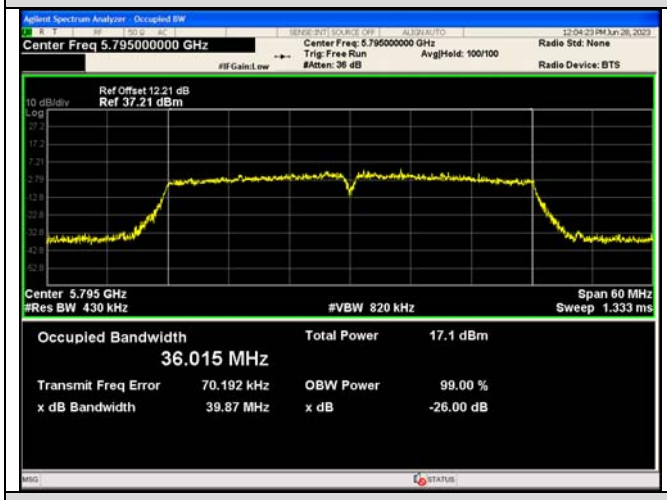
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



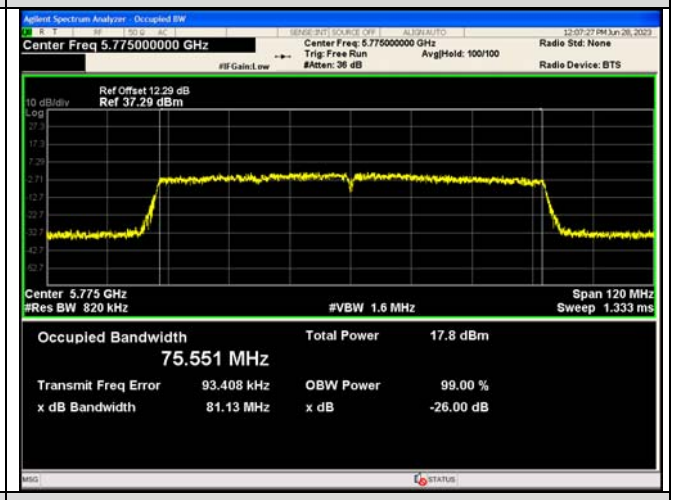
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



IEEE 802.11ac_Channel 151_40MHz_Antenna 0



IEEE 802.11ac_Channel 159_40MHz_Antenna 0



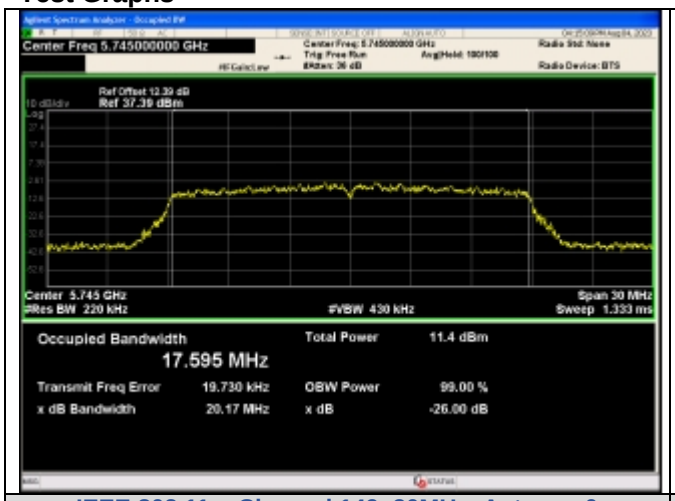
IEEE 802.11ac_Channel 155_80MHz_Antenna 0

Antenna A+ Antenna B:

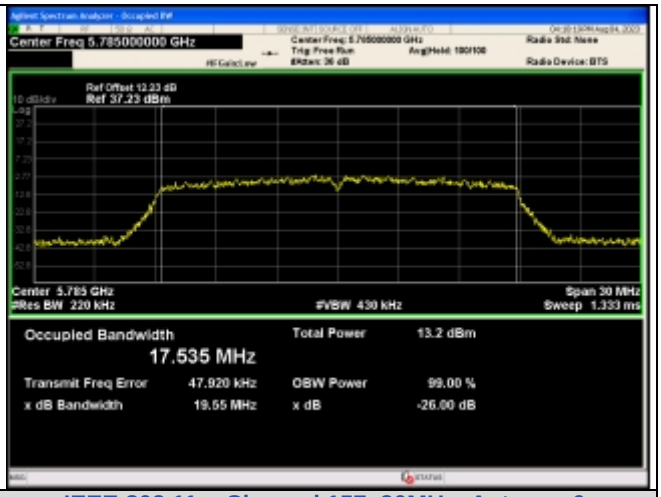
Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11n_20	149	0	5745	20.17	1.09
	157		5785	19.55	1.13
	165		5825	20.05	1.1
IEEE 802.11n_40	151		5755	40.36	1.05
	159		5795	40.19	1.04
IEEE 802.11ac_20	149		5745	20.00	1.1
	157		5785	20.52	1.09
	165		5825	20.03	1.12
IEEE 802.11ac_40	151		5755	39.92	1.06
	159		5795	40.16	1.06
IEEE 802.11ac_80	155		5775	88.79	1.13

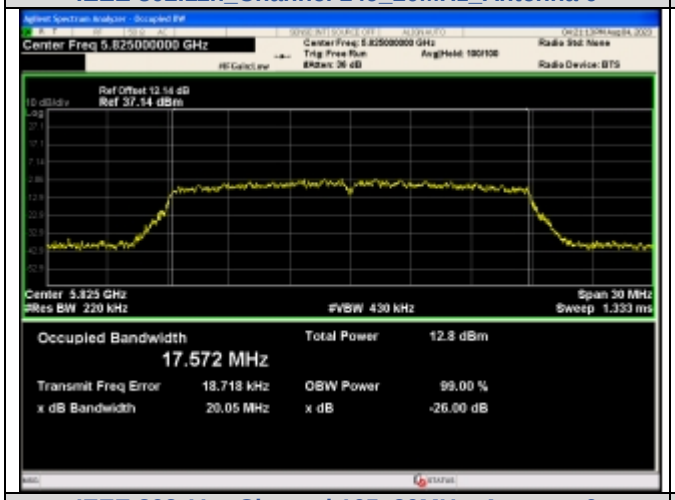
Test Graphs



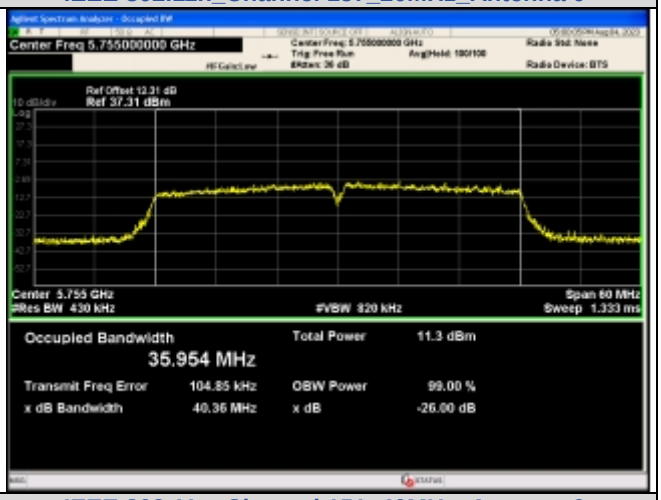
IEEE 802.11n_Channel 149_20MHz_Antenna 0



IEEE 802.11n_Channel 157_20MHz_Antenna 0



IEEE 802.11n_Channel 165_20MHz_Antenna 0



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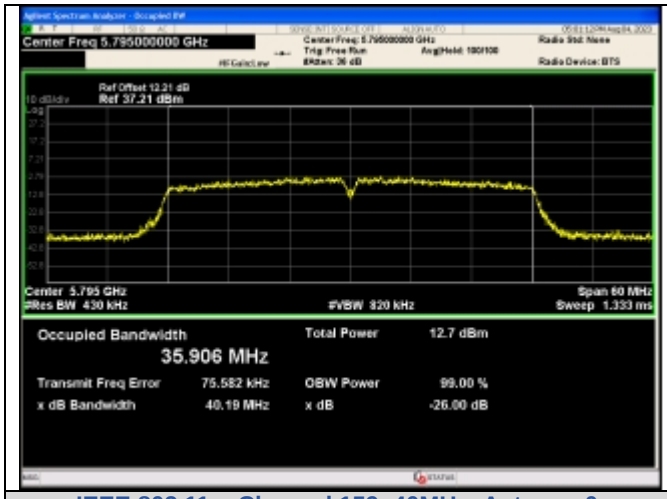

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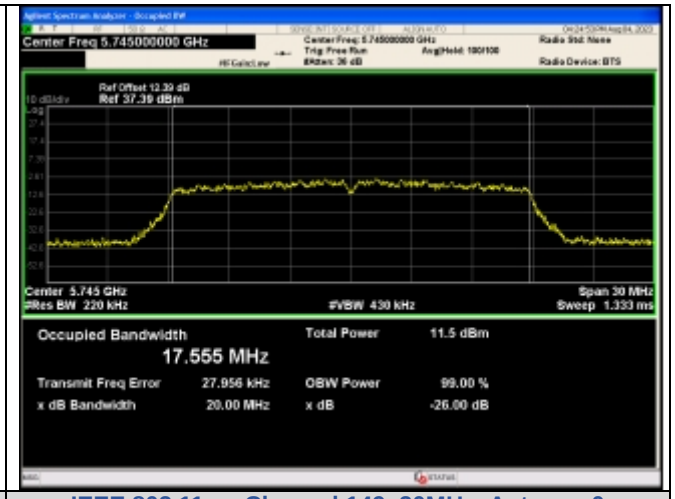

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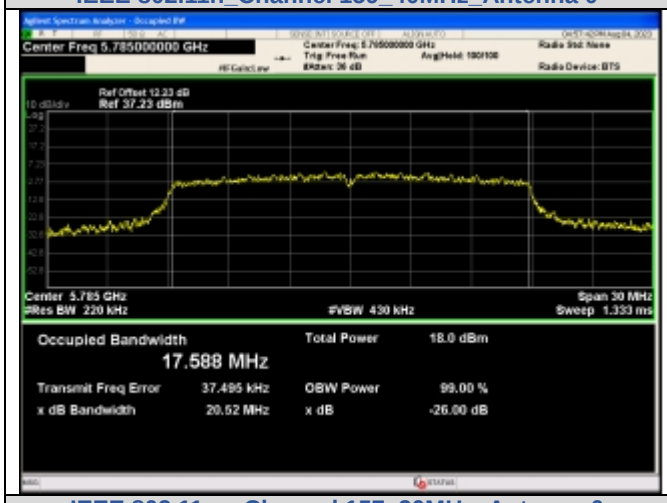

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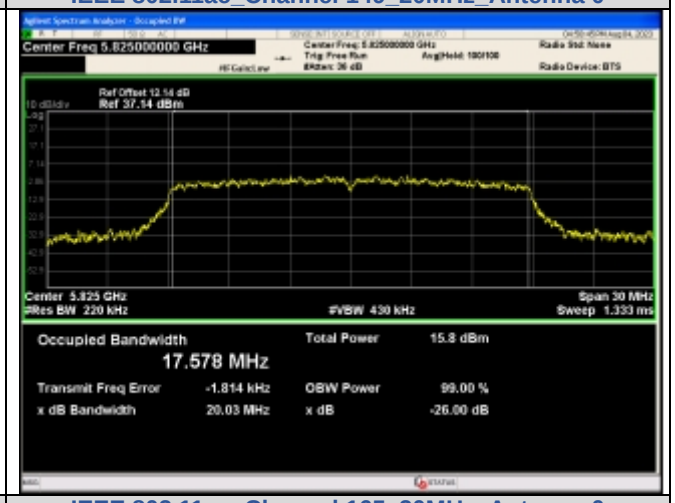

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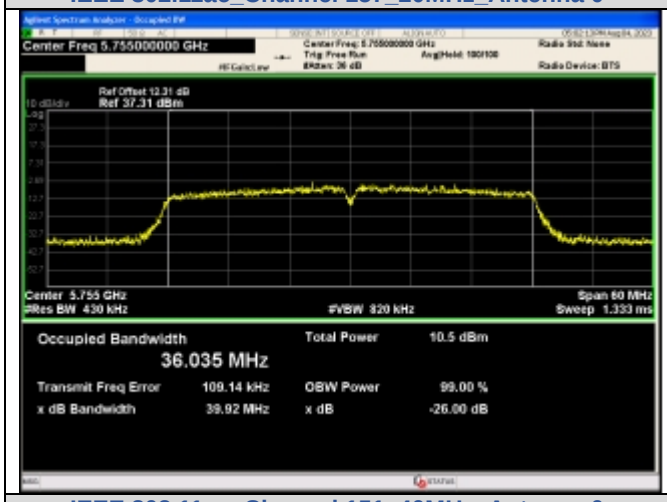

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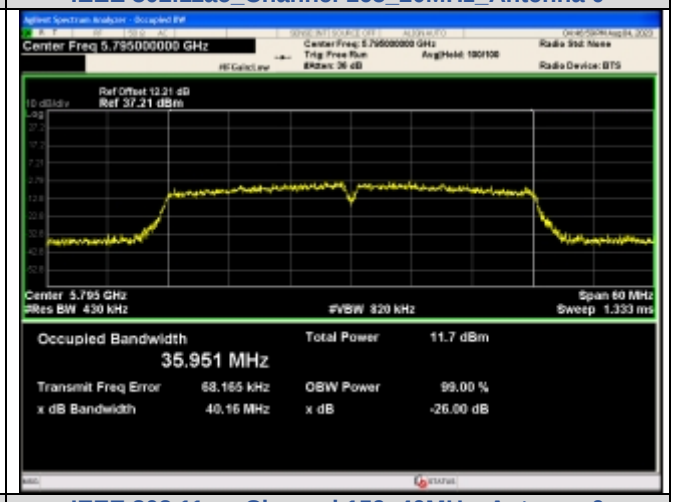

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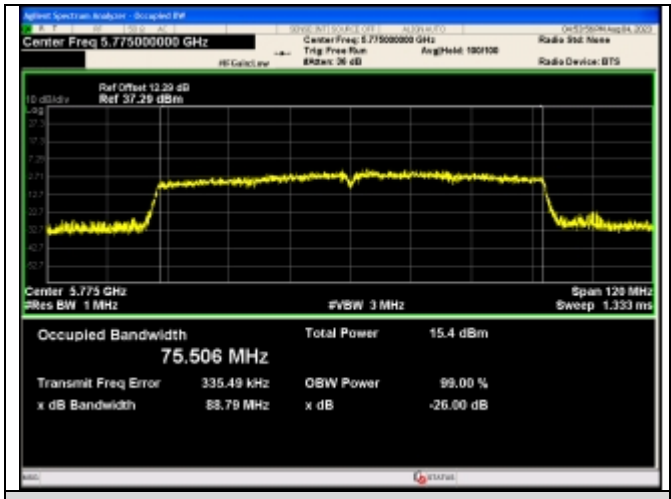
	Void
IEEE 802.11ac_Channel 155_80MHz_Antenna 0	

APPENDIX VI.Conducted Out Of Band Emission

Test Result

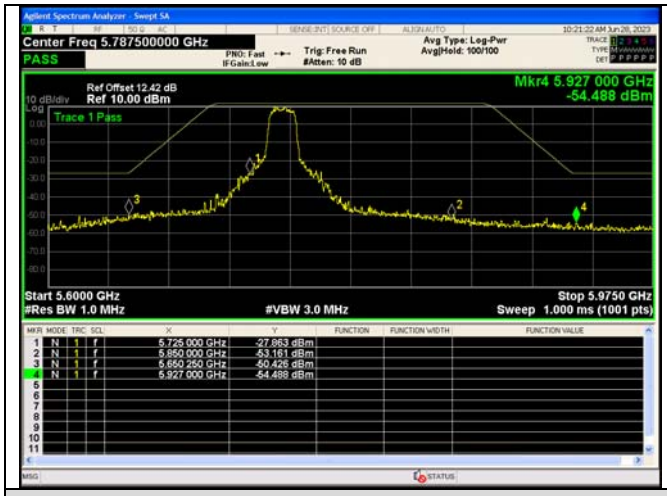
Antenna A:

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	149	0	2456.50	-30.612	-27	-3.610	PASS
			5650.25	-50.426	-26.815	-23.611	PASS
			5725.00	-27.863	27	-54.860	PASS
			5850.00	-53.161	27	-80.160	PASS
			5927.00	-54.488	-27	-27.488	PASS
			24928.9	-35.391	-27	-8.390	PASS
	157		1779.97	-39.808	-27	-12.810	PASS
			5648.38	-47.935	-27	-20.935	PASS
			5725.00	-49.781	27	-76.780	PASS
			5850.00	-55.095	27	-82.090	PASS
			5921.75	-53.129	-24.595	-28.534	PASS
			24965.2	-35.553	-27	-8.550	PASS
	165		4666.76	-39.463	-27	-12.460	PASS
			5636.38	-49.999	-27	-22.999	PASS
			5725.00	-51.085	27	-78.090	PASS
			5850.00	-35.227	27	-62.230	PASS
			5929.62	-51.712	-27	-24.712	PASS
			24949.0	-35.373	-27	-8.370	PASS
IEEE 802.11n_20	149		2413.78	-33.784	-27	-6.780	PASS
			5651.75	-50.265	-25.705	-24.560	PASS
			5725.00	-25.864	27	-52.860	PASS
			5850.00	-53.669	27	-80.670	PASS
			5927.38	-52.363	-27	-25.363	PASS
			24948.5	-35.483	-27	-8.480	PASS
	157		5610.94	-42.119	-27	-15.120	PASS
			5625.12	-49.168	-27	-22.168	PASS
			5725.00	-46.874	27	-73.870	PASS
			5850.00	-51.953	27	-78.950	PASS
			5928.12	-53.459	-27	-26.459	PASS
			24963.8	-35.115	-27	-8.120	PASS
	165		5613.05	-40.733	-27	-13.730	PASS
			5641.25	-50.078	-27	-23.078	PASS
			5725.00	-50.116	27	-77.120	PASS
			5850.00	-34.195	27	-61.200	PASS

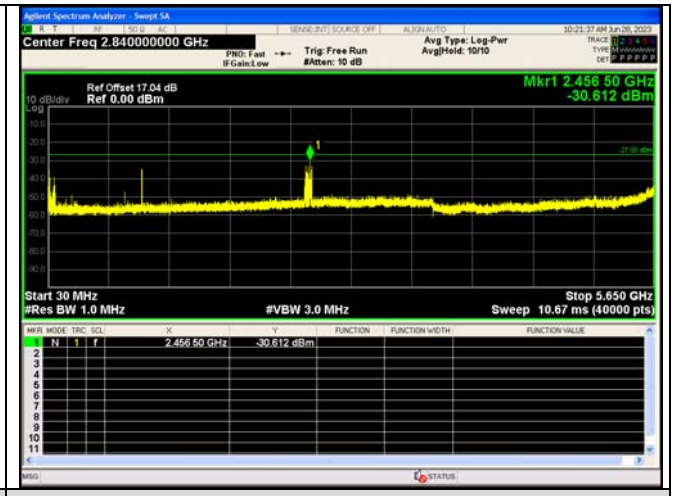
			5948.00	-50.573	-27	-23.573	PASS
			24926.6	-34.237	-27	-7.240	PASS
IEEE 802.11n_40	151		5623.25	-47.705	-27	-20.705	PASS
			5632.58	-40.811	-27	-13.810	PASS
			5725.00	-26.021	27	-53.020	PASS
			5850.00	-54.359	27	-81.360	PASS
			5927.38	-52.984	-27	-25.984	PASS
			24883.6	-35.572	-27	-8.570	PASS
	159		5624.75	-47.580	-27	-20.580	PASS
			5636.23	-40.333	-27	-13.330	PASS
			5725.00	-50.806	27	-77.810	PASS
			5850.00	-54.912	27	-81.910	PASS
			5938.25	-55.548	-27	-28.548	PASS
			24907.5	-35.181	-27	-8.180	PASS
IEEE 802.11ac_20	149		5628.08	-40.875	-27	-13.880	PASS
			5638.62	-46.648	-27	-19.648	PASS
			5725.00	-44.207	27	-71.210	PASS
			5850.00	-55.679	27	-82.680	PASS
			5933.38	-55.332	-27	-28.332	PASS
			24968.0	-34.994	-27	-7.990	PASS
	157		2402.26	-27.133	-27	-0.130	PASS
			5622.12	-52.927	-27	-25.927	PASS
			5725.00	-49.301	27	-76.300	PASS
			5850.00	-51.605	27	-78.600	PASS
			5956.25	-52.058	-27	-25.058	PASS
			24961.4	-35.705	-27	-8.700	PASS
	165		2408.44	-41.833	-27	-14.830	PASS
			5640.12	-48.132	-27	-21.132	PASS
			5725.00	-49.829	27	-76.830	PASS
			5850.00	-46.262	27	-73.260	PASS
			5928.88	-52.640	-27	-25.640	PASS
			24942.3	-34.831	-27	-7.830	PASS
IEEE 802.11ac_40	151		2403.67	-30.168	-27	-3.170	PASS
			5642.75	-50.909	-27	-23.909	PASS
			5725.00	-39.311	27	-66.310	PASS
			5850.00	-52.440	27	-79.440	PASS
			5936.38	-54.471	-27	-27.471	PASS
			24859.8	-35.209	-27	-8.210	PASS
	159		5637.21	-40.725	-27	-13.730	PASS
			5647.62	-48.531	-27	-21.531	PASS
			5725.00	-49.935	27	-76.940	PASS
			5850.00	-49.938	27	-76.940	PASS
			5933.38	-51.692	-27	-24.692	PASS
			24978.1	-35.066	-27	-8.070	PASS
IEEE 802.11ac_80	155		5609.25	-44.978	-27	-17.980	PASS
			5644.62	-53.228	-27	-26.229	PASS

			5725.00	-46.502	27	-73.500	PASS
			5850.00	-52.586	27	-79.590	PASS
			5973.50	-57.123	-27	-30.123	PASS
			24946.1	-36.077	-27	-9.080	PASS

Test Graphs

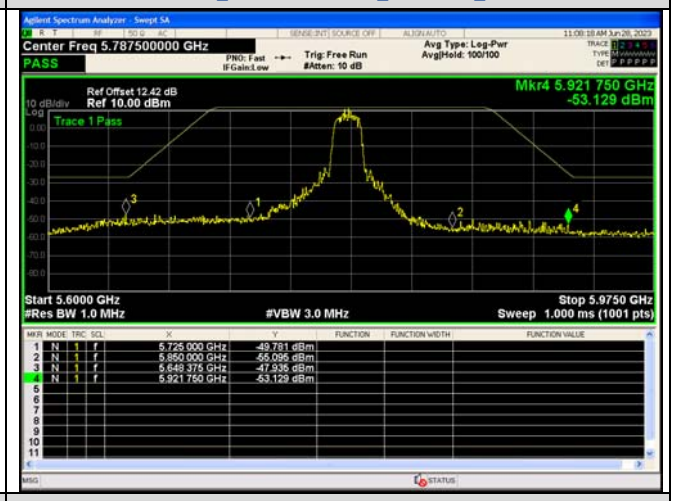


Out Of Band Emission
IEEE 802.11a_Channel 149_20MHz_Antenna 0

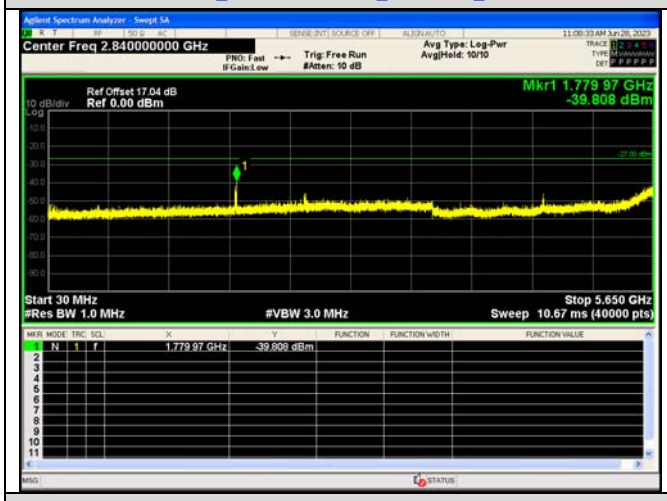


Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 0

Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 0

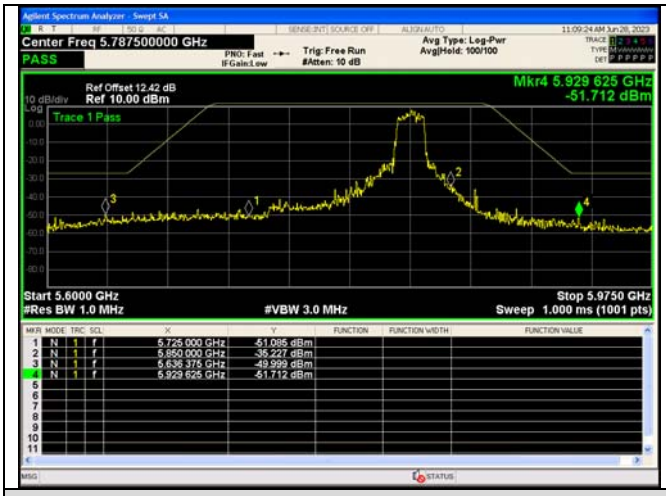


Out Of Band Emission
IEEE 802.11a_Channel 157_20MHz_Antenna 0



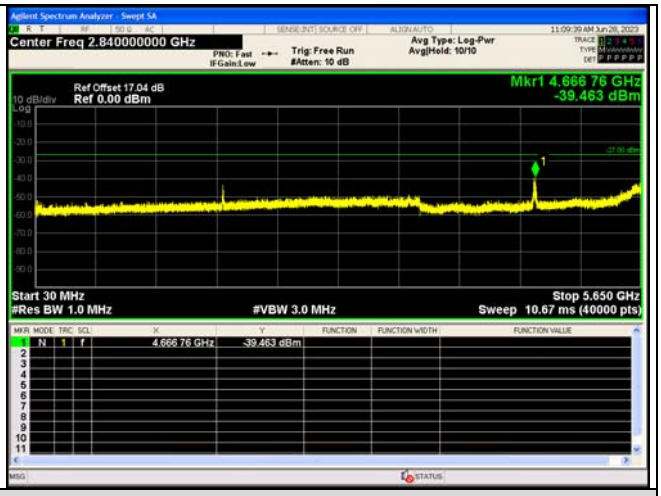
Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 157_20MHz_Antenna 0

Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 157_20MHz_Antenna 0



Out Of Band Emission

IEEE 802.11a_Channel 165_20MHz_Antenna 0

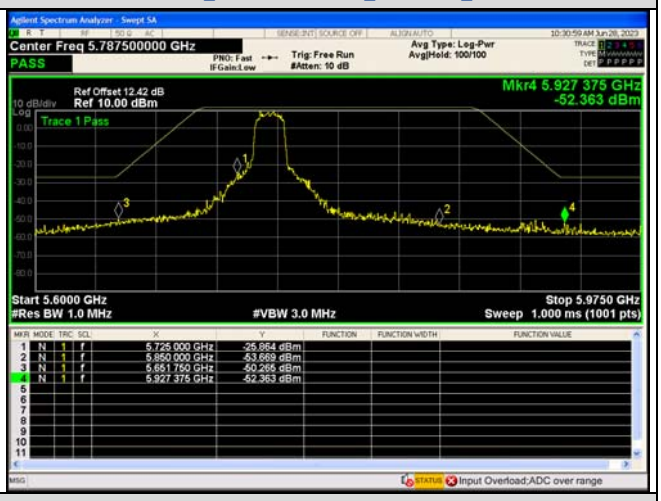


Spurious Emission:30.0~5650 MHz

IEEE 802.11a_Channel 165_20MHz_Antenna 0

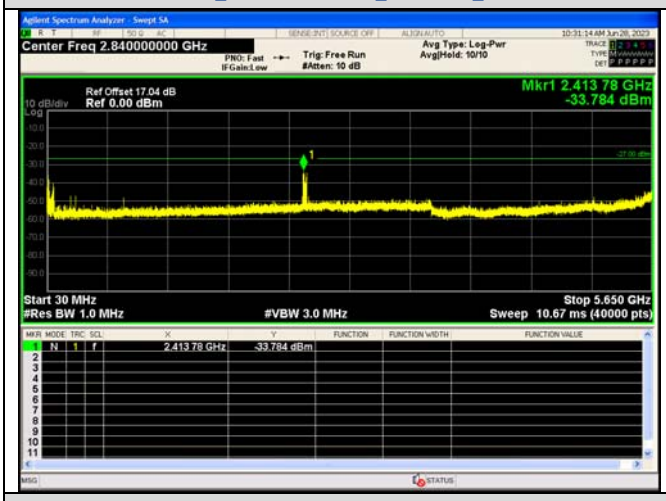
Spurious Emission:5925~25000.0 MHz

IEEE 802.11a_Channel 165_20MHz_Antenna 0



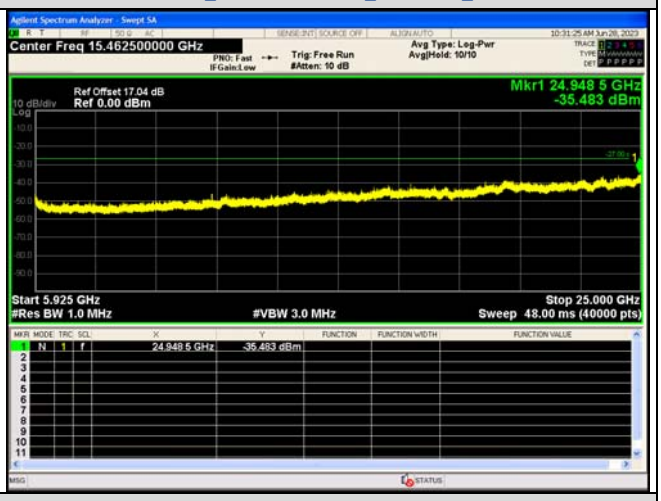
Out Of Band Emission

IEEE 802.11n_Channel 149_20MHz_Antenna 0



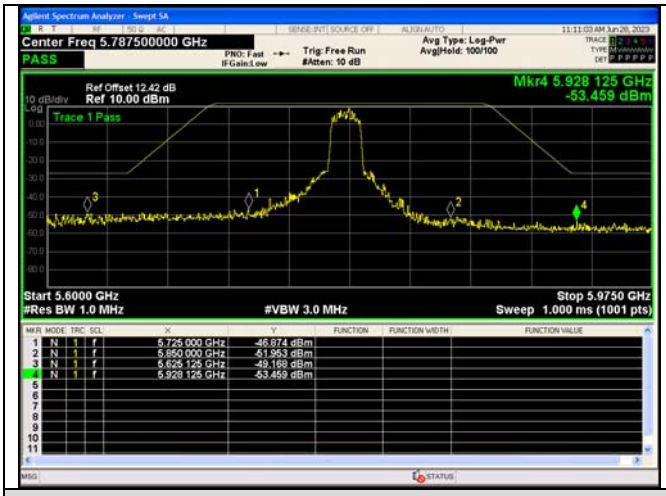
Spurious Emission:30.0~5650 MHz

IEEE 802.11n_Channel 149_20MHz_Antenna 0



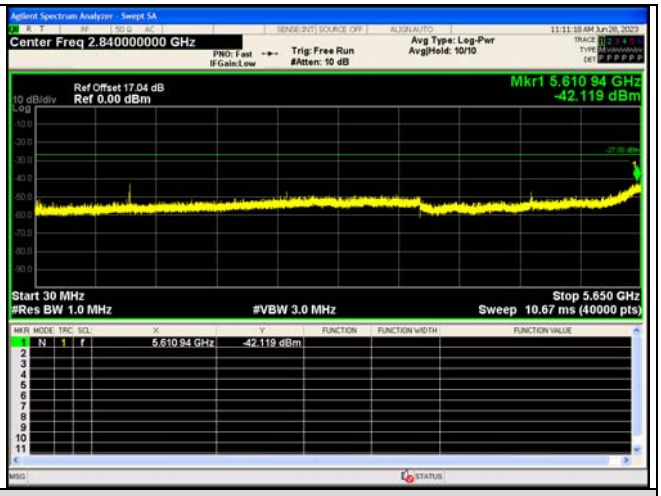
Spurious Emission:5925~25000.0 MHz

IEEE 802.11n_Channel 149_20MHz_Antenna 0



Out Of Band Emission

IEEE 802.11n_Channel 157_20MHz_Antenna 0

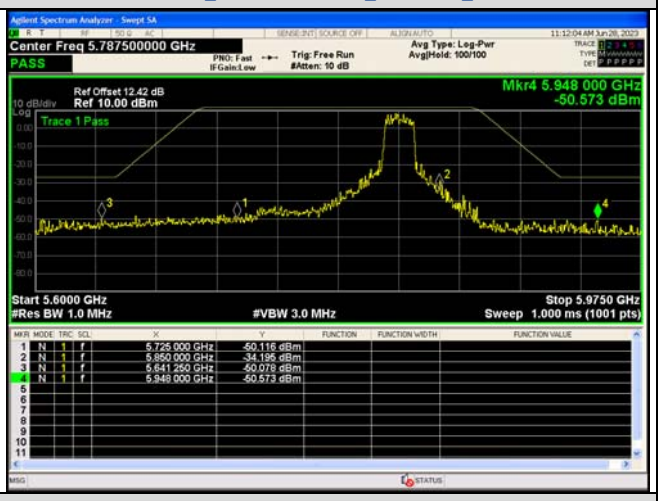


Spurious Emission:30.0~5650 MHz

IEEE 802.11n_Channel 157_20MHz_Antenna 0

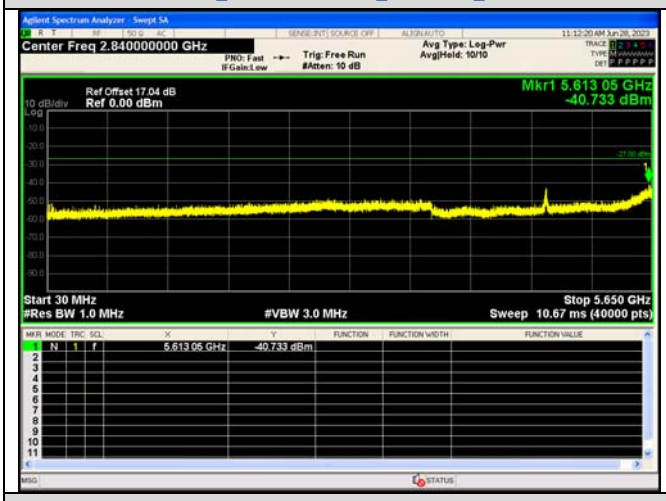
Spurious Emission:5925~25000.0 MHz

IEEE 802.11n_Channel 157_20MHz_Antenna 0



Out Of Band Emission

IEEE 802.11n_Channel 165_20MHz_Antenna 0



Spurious Emission:30.0~5650 MHz

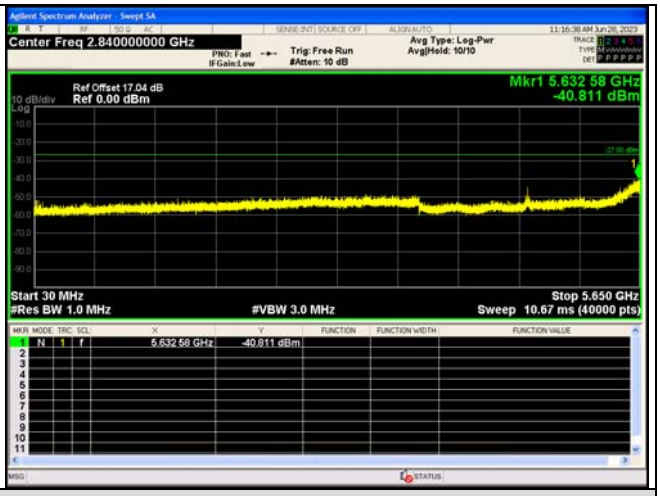
IEEE 802.11n_Channel 165_20MHz_Antenna 0

Spurious Emission:5925~25000.0 MHz

IEEE 802.11n_Channel 165_20MHz_Antenna 0

Out Of Band Emission

IEEE 802.11n_Channel 151_40MHz_Antenna 0

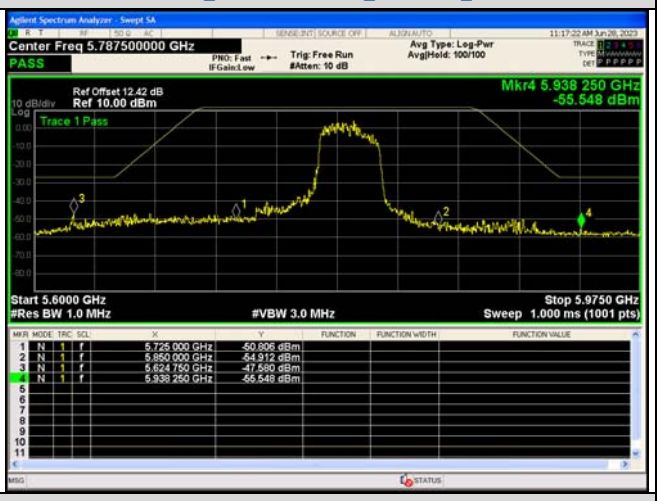


Spurious Emission:30.0~5650 MHz

IEEE 802.11n_Channel 151_40MHz_Antenna 0

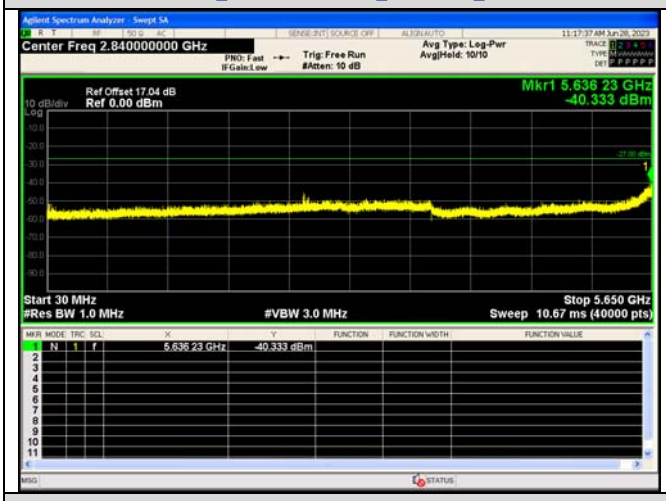
Spurious Emission:5925~25000.0 MHz

IEEE 802.11n_Channel 151_40MHz_Antenna 0



Out Of Band Emission

IEEE 802.11n_Channel 159_40MHz_Antenna 0

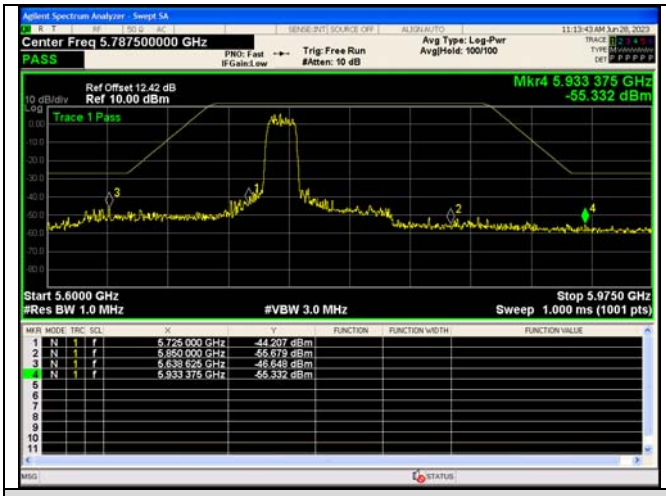


Spurious Emission:30.0~5650 MHz

IEEE 802.11n_Channel 159_40MHz_Antenna 0

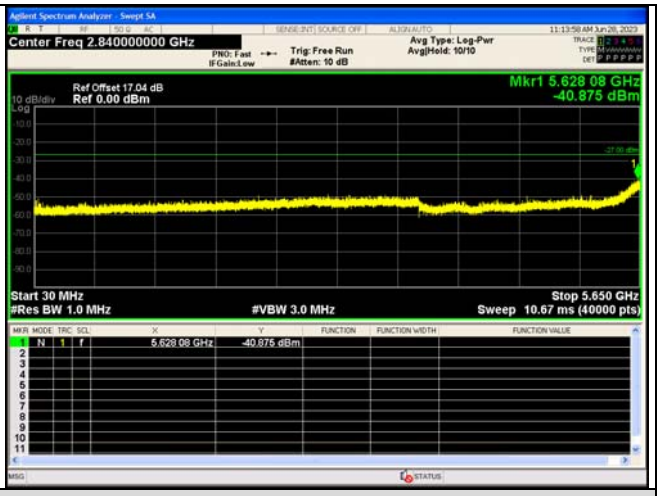
Spurious Emission:5925~25000.0 MHz

IEEE 802.11n_Channel 159_40MHz_Antenna 0



Out Of Band Emission

IEEE 802.11ac_Channel 149_20MHz_Antenna 0

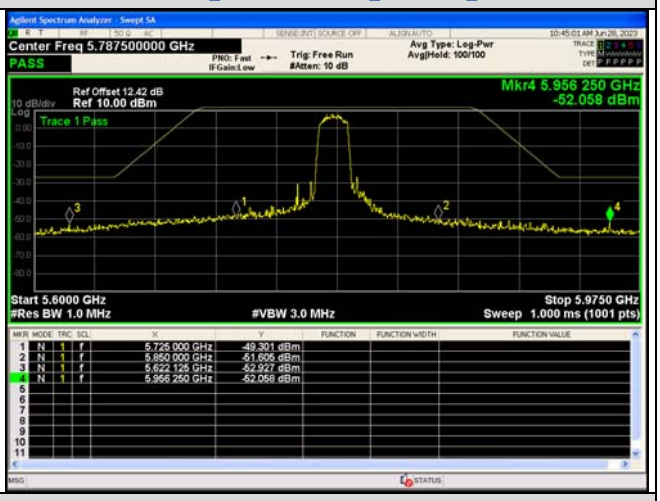


Spurious Emission:30.0~5650 MHz

IEEE 802.11ac_Channel 149_20MHz_Antenna 0

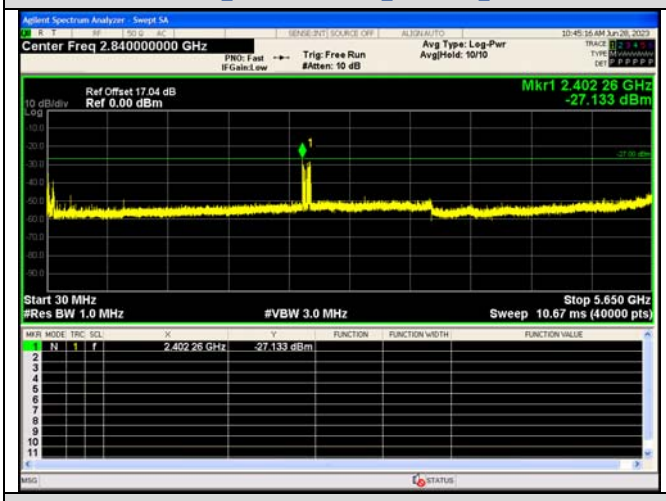
Spurious Emission:5925~25000.0 MHz

IEEE 802.11ac_Channel 149_20MHz_Antenna 0



Out Of Band Emission

IEEE 802.11ac_Channel 157_20MHz_Antenna 0



Spurious Emission:30.0~5650 MHz

IEEE 802.11ac_Channel 157_20MHz_Antenna 0

Spurious Emission:5925~25000.0 MHz

IEEE 802.11ac_Channel 157_20MHz_Antenna 0