Appendix C

Report No.:	CISRR24013016503
FCC ID:	2BE3U-C6
Product Name:	Encoder
Model No.:	C6
Test Engineer:	Lucas Huang
Supervised by:	Rory Huang

Frequency Stability

Measured all conditions and recorded worst case.

IEEE 802.11a Mode/5745MHz~5825MHz/ 5745 MHz

Enviroment Temperature(Dregree)	Voltage(v)	Center Frequency (MHz)	Calculated Value of Center Frequency(MHz)	Limit (ppm)	State
20	HV	5745.0	5744.982956	5745~5825	PASS
20	LV	5745.0	5744.982704		PASS
50	NV	5745.0	5744.983584		PASS
40	NV	5745.0	5744.983900		PASS
30	NV	5745.0	5744.982756		PASS
20	NV	5745.0	5744.982148		PASS
10	NV	5745.0	5744.983029		PASS
0	NV	5745.0	5744.983172		PASS
-10	NV	5745.0	5744.983865		PASS
-20	NV	5745.0	5744.983291		PASS
-30	NV	5745.0	5744.982956		PASS

IEEE 802.11a Mode/5745MHz~5825MHz/ 5825 MHz

Enviroment Temperature(Dregree)	Voltage(v)	Center Frequency (MHz)	Calculated Value of Center Frequency(MHz)	Limit (ppm)	State
20	HV	5825.0	5824.998218	5745~5825	PASS
20	LV	5825.0	5824.997640		PASS
50	NV	5825.0	5824.998596		PASS
40	NV	5825.0	5824.998714		PASS
30	NV	5825.0	5824.999878		PASS
20	NV	5825.0	5824.999748		PASS
10	NV	5825.0	5824.997620		PASS
0	NV	5825.0	5824.999828		PASS
-10	NV	5825.0	5824.997830		PASS
-20	NV	5825.0	5824.998202		PASS
-30	NV	5825.0	5824.998715		PASS

Conducted Peak Output Power

Conducted output power

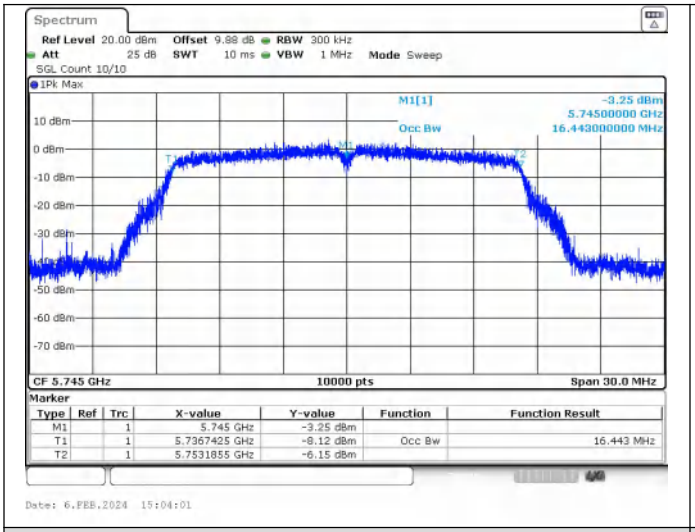
Mode	Channel	Power(dBm)	Limit(dBm)	Result
IEEE 802.11a	149	11.34	30	PASS
	157	11.86	30	PASS
	165	12.48	30	PASS
IEEE 802.11n_20	149	11.75	30	PASS
	157	11.83	30	PASS
	165	12.33	30	PASS
IEEE 802.11n_40	151	11.51	30	PASS
	159	11.82	30	PASS
IEEE 802.11ac_20	149	11.78	30	PASS
	157	11.6	30	PASS
	165	12.12	30	PASS
IEEE 802.11ac_40	151	11.35	30	PASS
	159	11.85	30	PASS
IEEE 802.11ac_80	155	9.74	30	PASS
IEEE 802.11ax_20	149	14.26	30	PASS
	157	12.98	30	PASS
	165	14.36	30	PASS
IEEE 802.11ax_40	151	15.76	30	PASS
	159	14.04	30	PASS
IEEE 802.11ax_80	155	13.43	30	PASS

99% Bandwidth

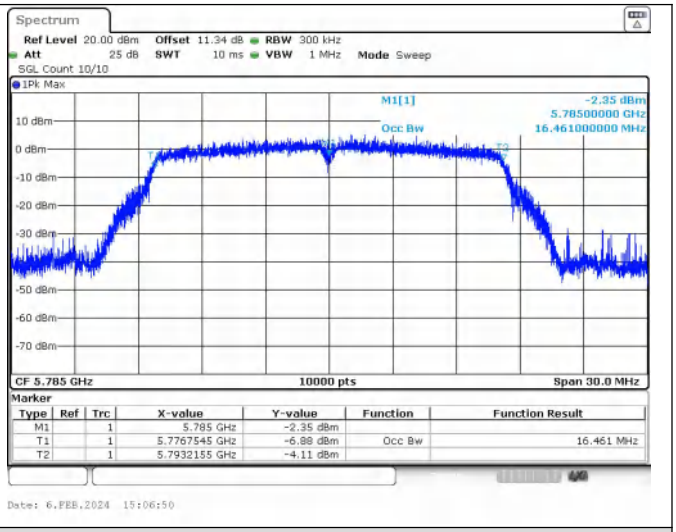
Test Result

Mode	Channel	RU & Index	Ant.	99% BW (MHz)
IEEE 802.11a	149	N/A	1	16.440
	157			16.460
	165			16.470
IEEE 802.11n_20	149			17.620
	157			17.600
	165			17.600
IEEE 802.11n_40	151			35.950
	159			35.930
IEEE 802.11ac_20	149			17.580
	157			17.590
	165			17.580
IEEE 802.11ac_40	151			35.950
	159			35.910
IEEE 802.11ac_80	155			75.370
IEEE 802.11ax_20	149	SU		16.640
	157			16.530
	165			16.600
IEEE 802.11ax_40	151			36.380
	159			36.100
IEEE 802.11ax_80	155			75.460

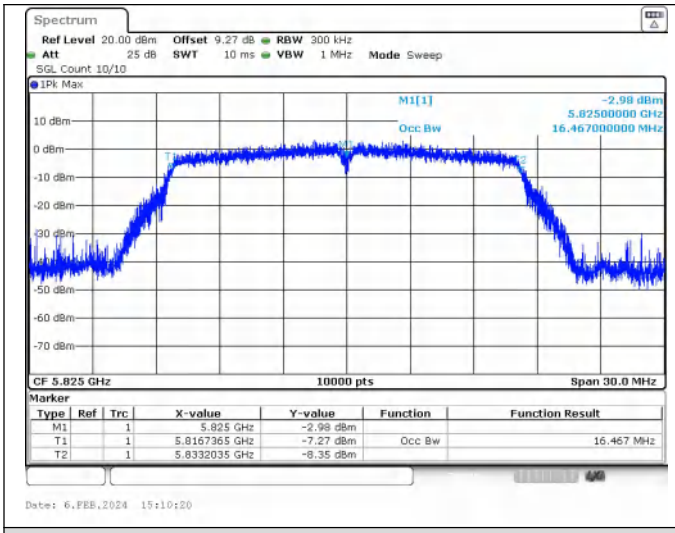
Test Graphs



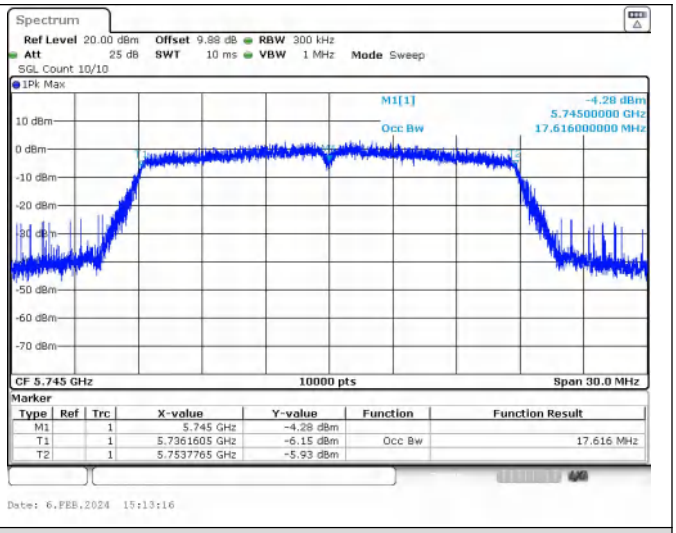
IEEE 802.11a_Channel 149_20MHz_Antenna 1



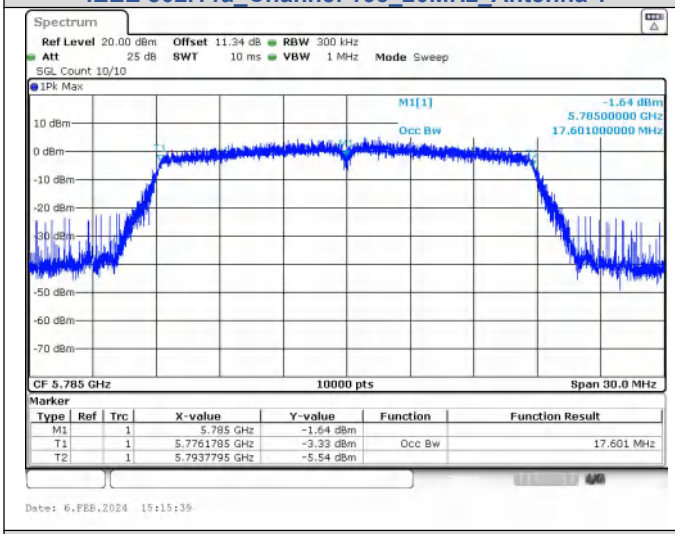
IEEE 802.11a_Channel 157_20MHz_Antenna 1



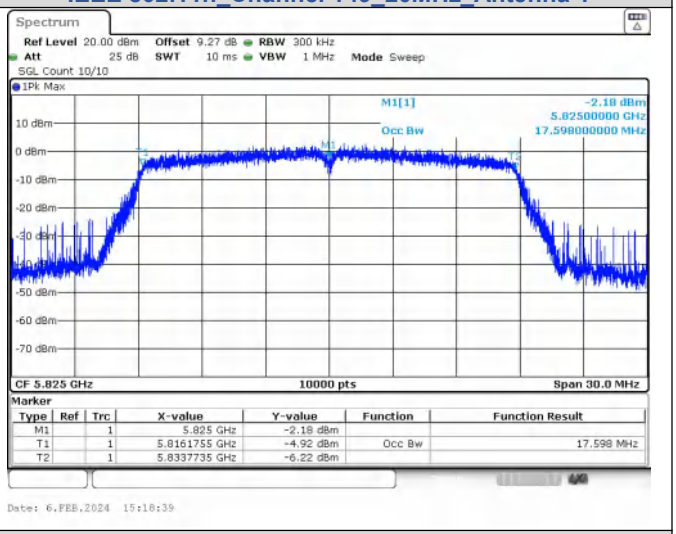
IEEE 802.11a_Channel 165_20MHz_Antenna 1



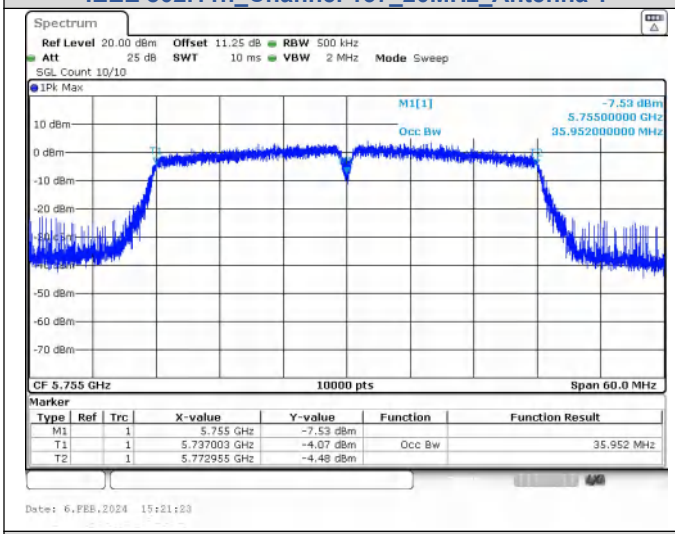
IEEE 802.11n_Channel 149_20MHz_Antenna 1



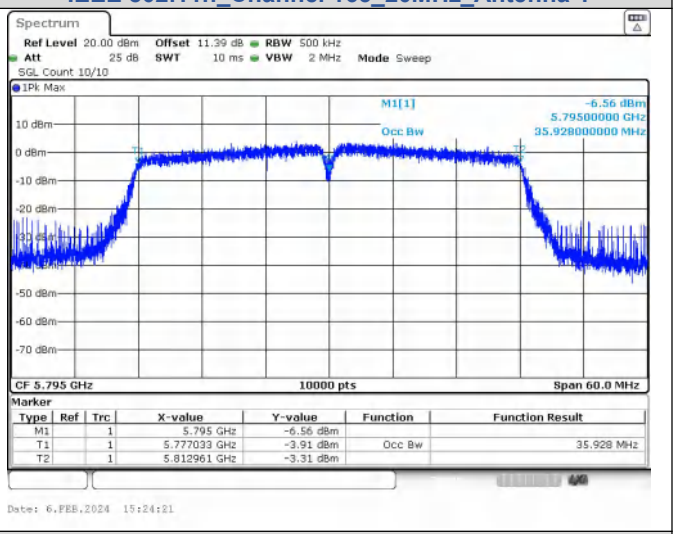
IEEE 802.11n_Channel 157_20MHz_Antenna 1



IEEE 802.11n_Channel 165_20MHz_Antenna 1



IEEE 802.11n_Channel 151_40MHz_Antenna 1



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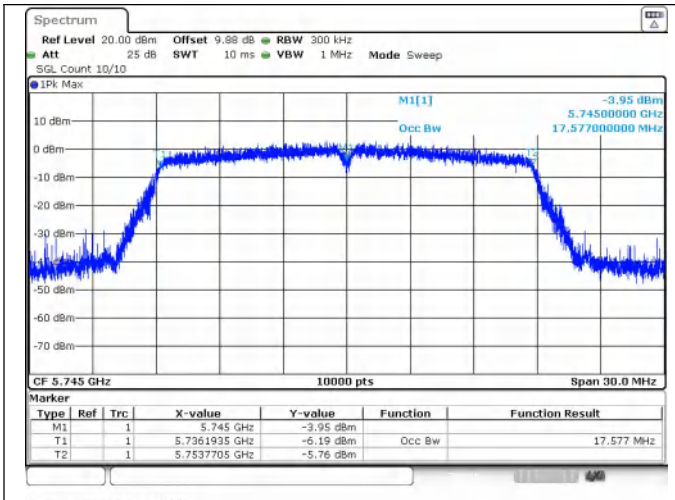
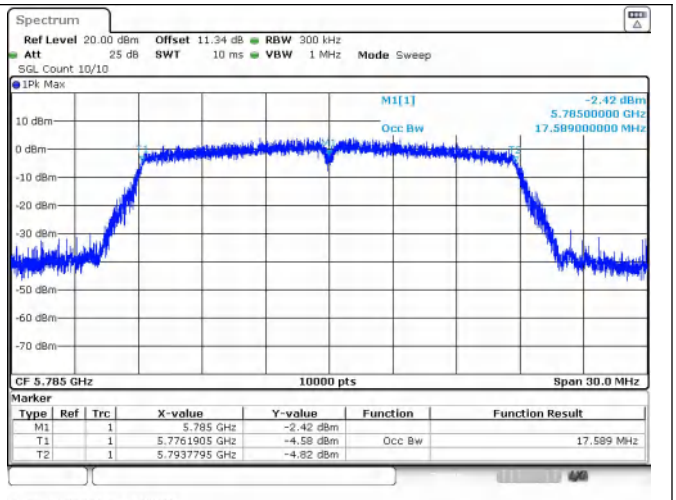
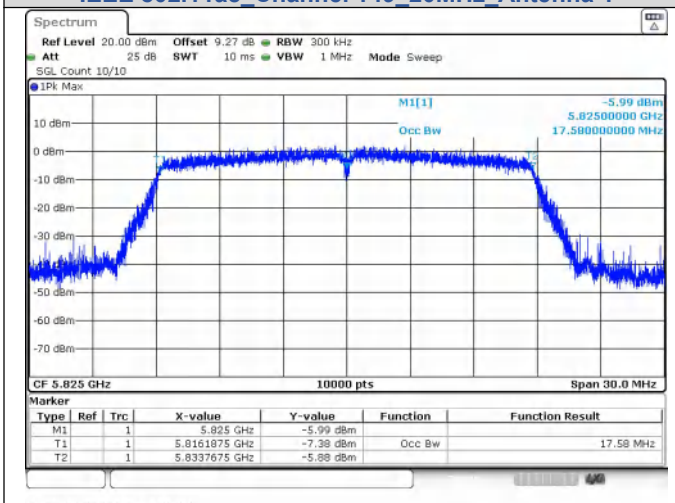


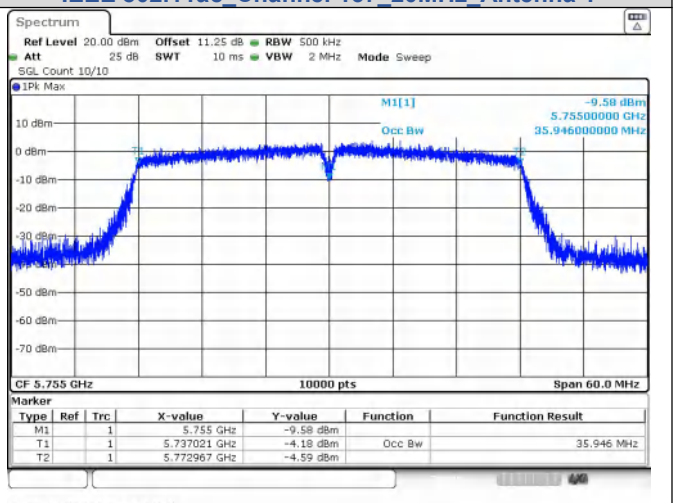
IEEE 802.11ac_Channel 149_20MHz_Antenna 1



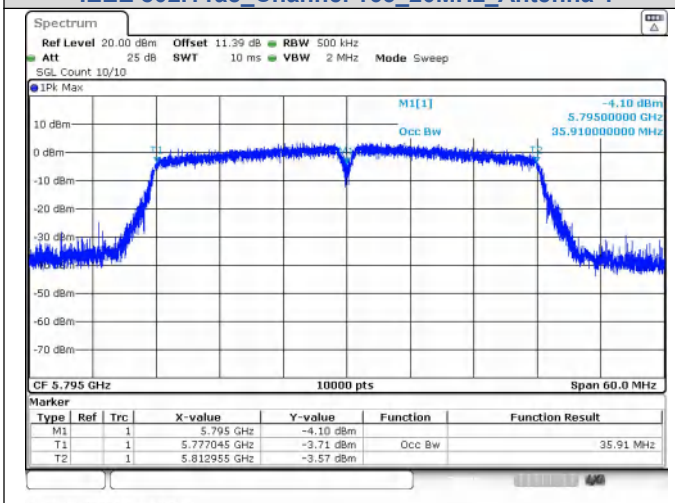
IEEE 802.11ac_Channel 157_20MHz_Antenna 1



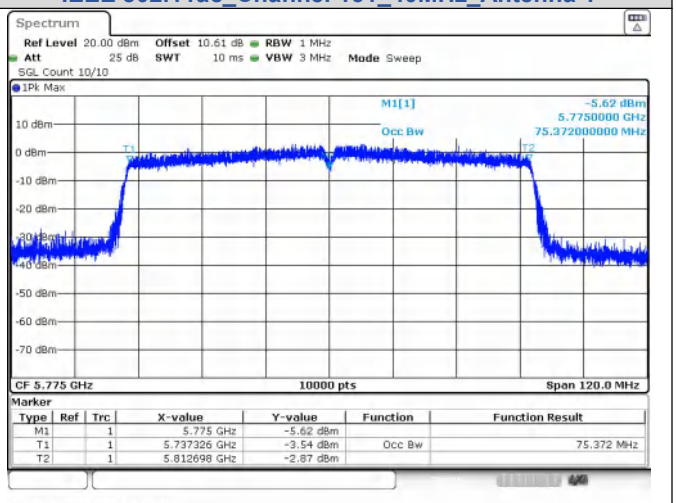
IEEE 802.11ac_Channel 165_20MHz_Antenna 1



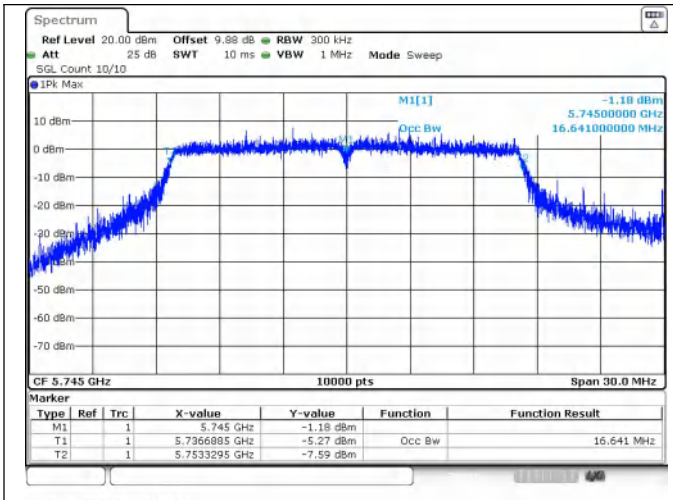
IEEE 802.11ac_Channel 151_40MHz_Antenna 1



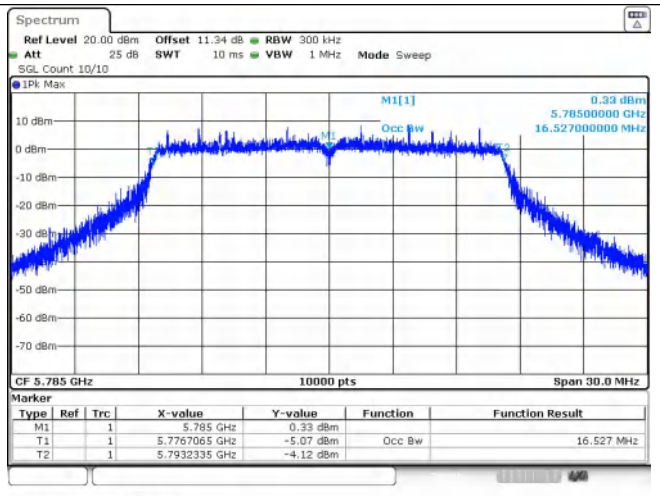
IEEE 802.11ac_Channel 159_40MHz_Antenna 1



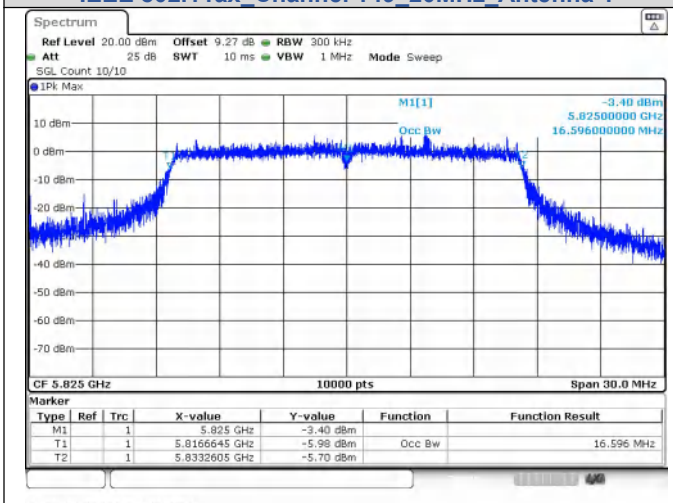
IEEE 802.11ac_Channel 155_80MHz_Antenna 1



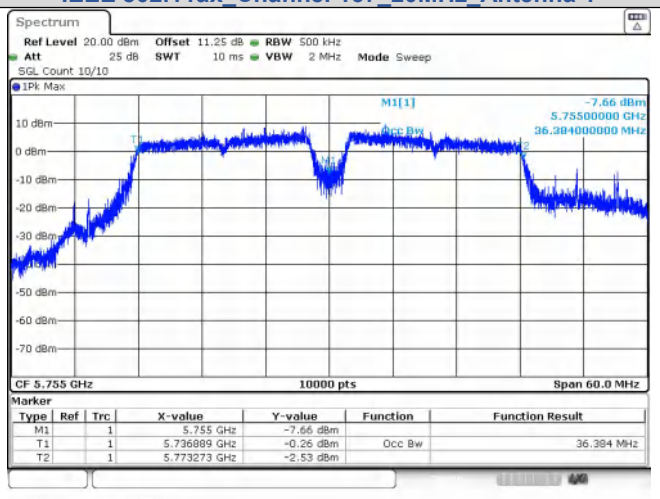
IEEE 802.11ax_Channel 149_20MHz_Antenna 1



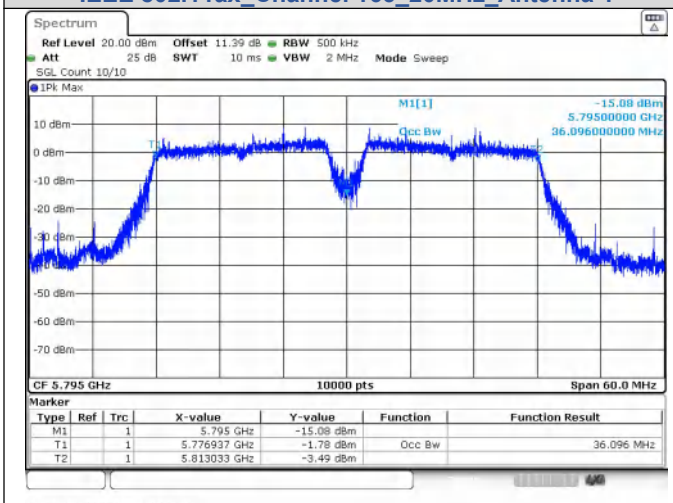
IEEE 802.11ax_Channel 157_20MHz_Antenna 1



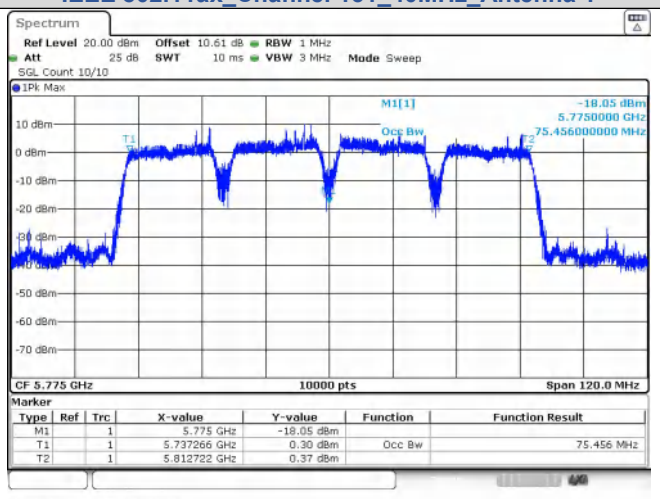
IEEE 802.11ax_Channel 165_20MHz_Antenna 1



IEEE 802.11ax_Channel 151_40MHz_Antenna 1



IEEE 802.11ax_Channel 159_40MHz_Antenna 1



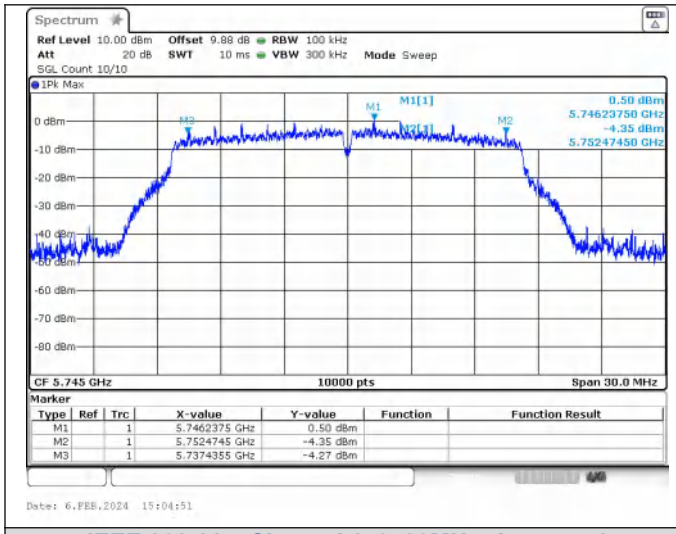
IEEE 802.11ax_Channel 155_80MHz_Antenna 1

6dB Bandwidth

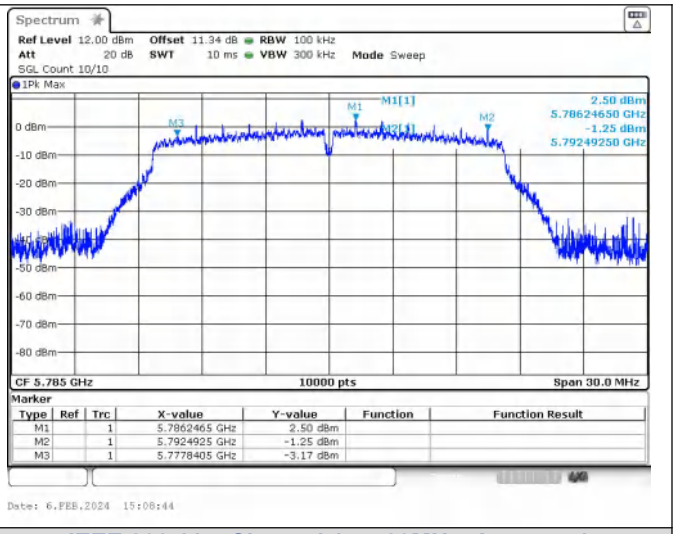
Test Result

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	N/A	1	5745	15.03	0.5	PASS
	157			5785	14.65		PASS
	165			5825	15.11		PASS
IEEE 802.11n_20	149			5745	15.00		PASS
	157			5785	15.06		PASS
	165			5825	15.08		PASS
IEEE 802.11n_40	151			5755	35.08		PASS
	159			5795	35.07		PASS
IEEE 802.11ac_20	149			5745	15.07		PASS
	157			5785	15.10		PASS
	165			5825	15.36		PASS
IEEE 802.11ac_40	151			5755	35.05		PASS
	159			5795	35.08		PASS
IEEE 802.11ac_80	155			5775	75.07		PASS
IEEE 802.11ax_20	149	SU		5745	15.25		PASS
	157			5785	15.07		PASS
	165			5825	15.12		PASS
IEEE 802.11ax_40	151			5755	32.51		PASS
	159			5795	33.82		PASS
IEEE 802.11ax_80	155			5775	73.83		PASS

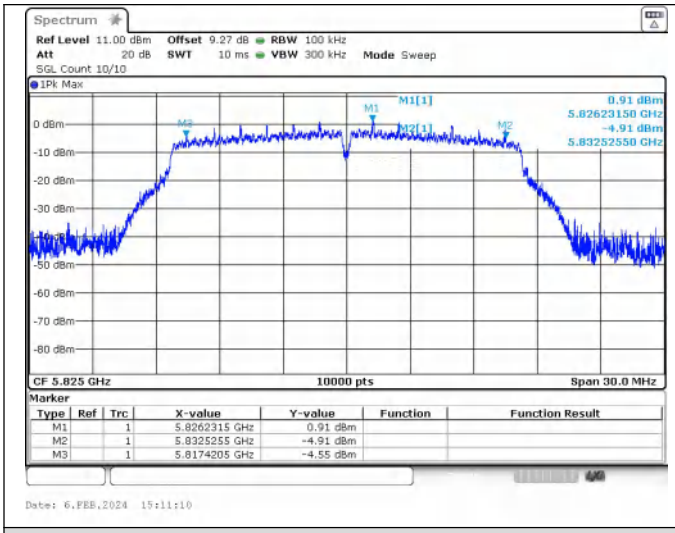
Test Graphs



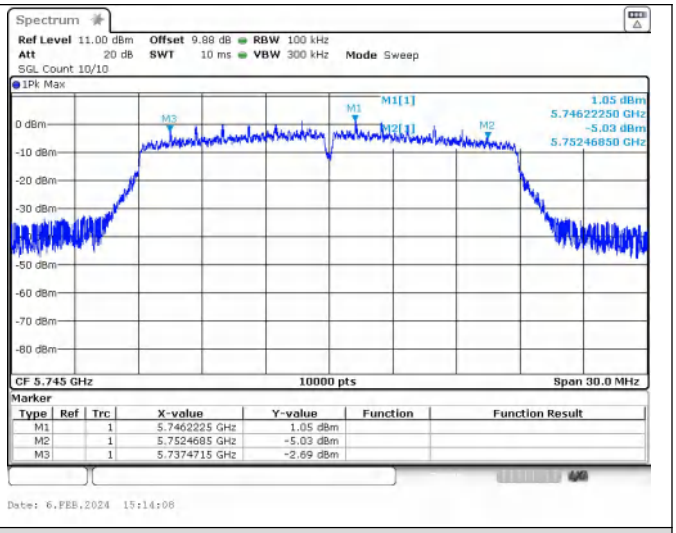
IEEE 802.11a_Channel 149_20MHz_Antenna 1



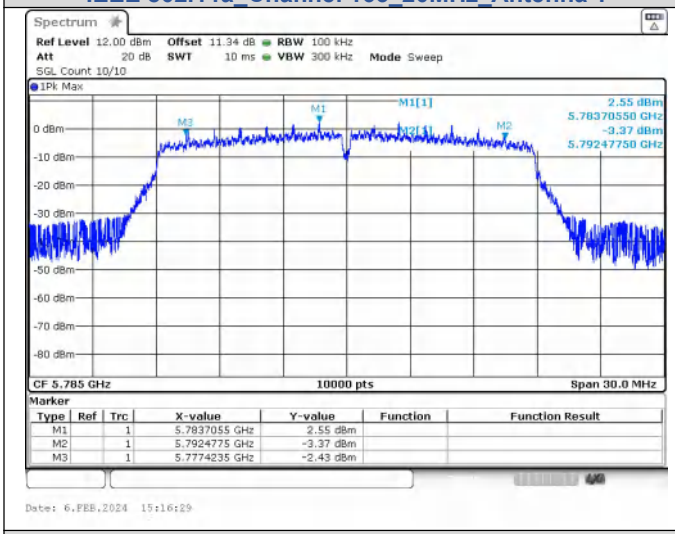
IEEE 802.11a_Channel 157_20MHz_Antenna 1



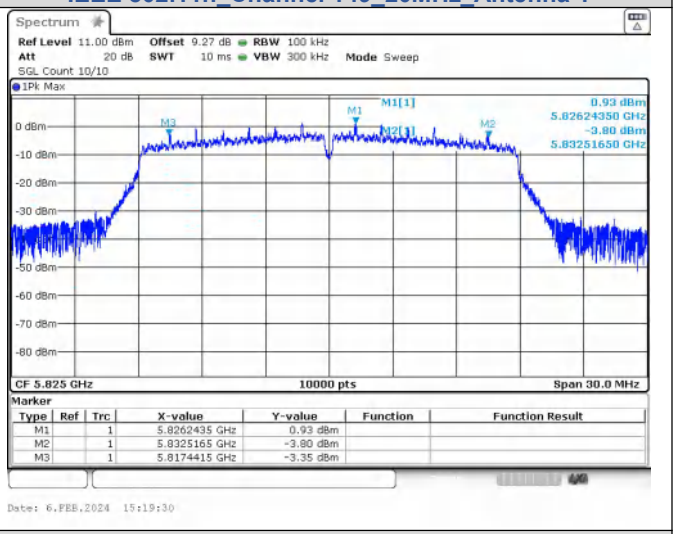
IEEE 802.11a_Channel 165_20MHz_Antenna 1



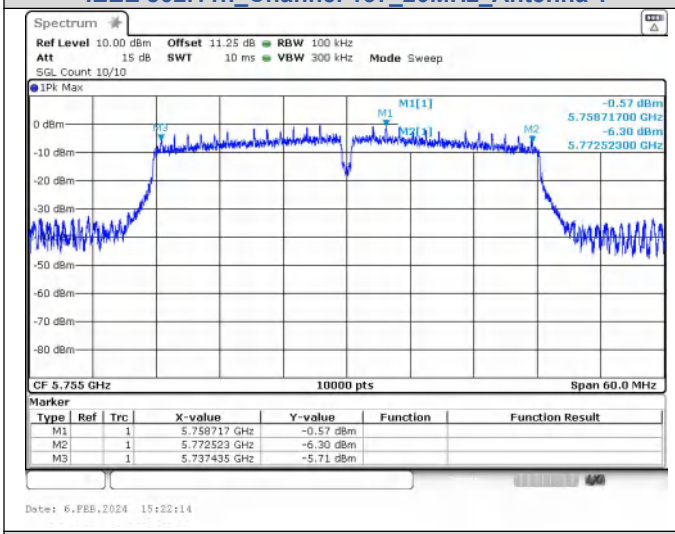
IEEE 802.11n_Channel 149_20MHz_Antenna 1



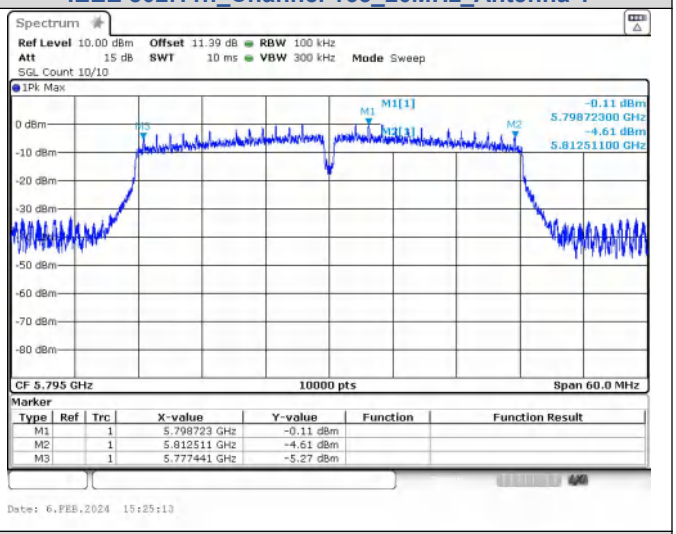
IEEE 802.11n_Channel 157_20MHz_Antenna 1



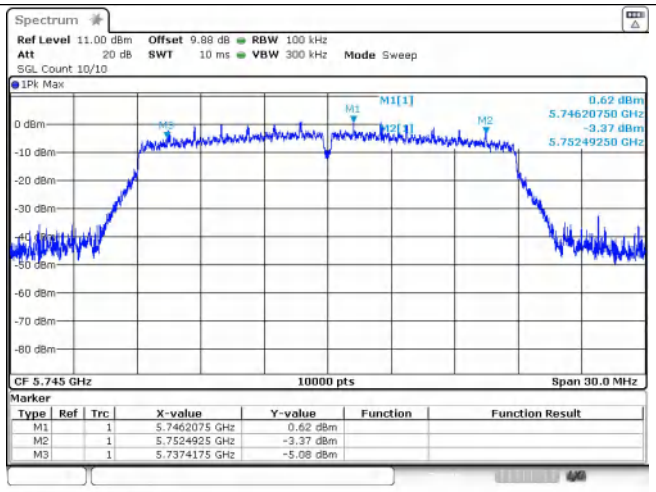
IEEE 802.11n_Channel 165_20MHz_Antenna 1



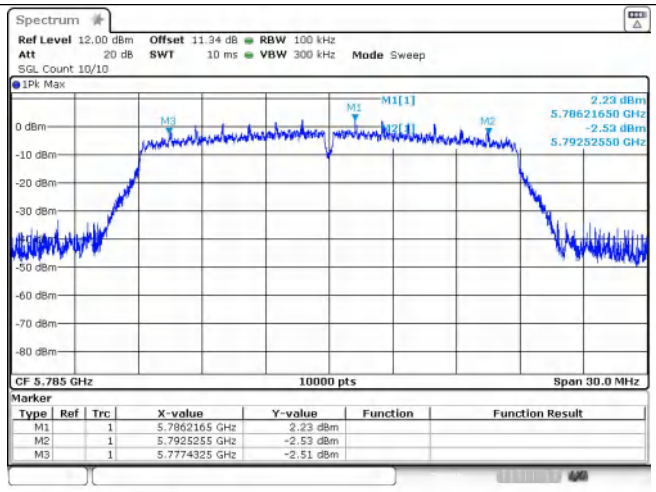
IEEE 802.11n_Channel 151_40MHz_Antenna 1



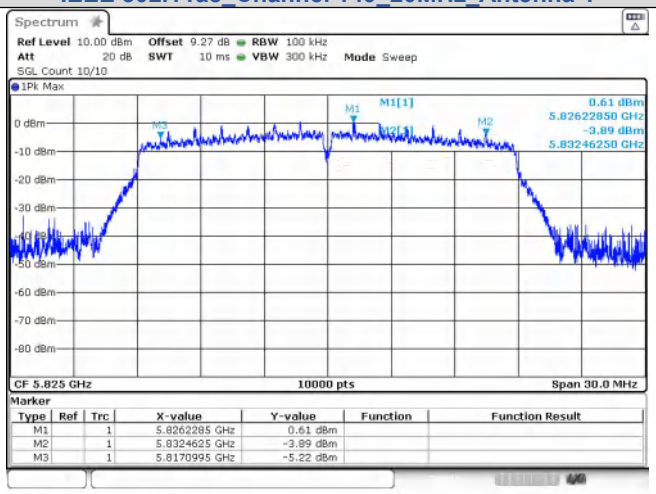
IEEE 802.11n_Channel 159_40MHz_Antenna 1



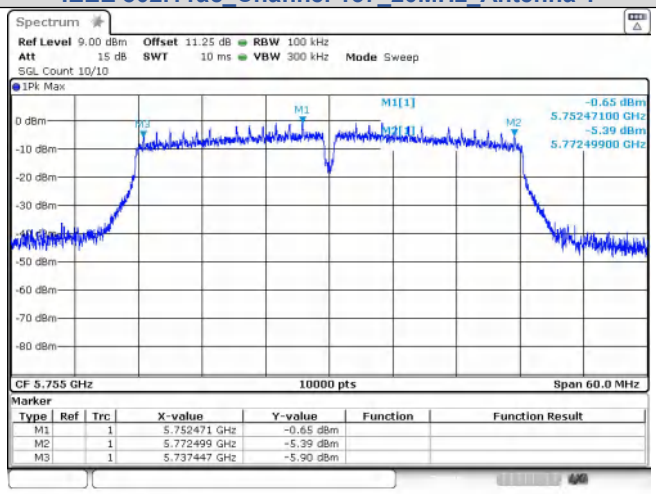
IEEE 802.11ac_Channel 149_20MHz_Antenna 1



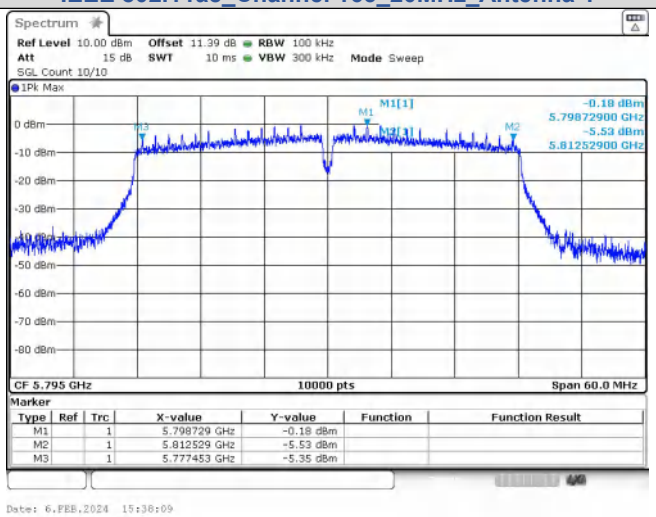
IEEE 802.11ac_Channel 157_20MHz_Antenna 1



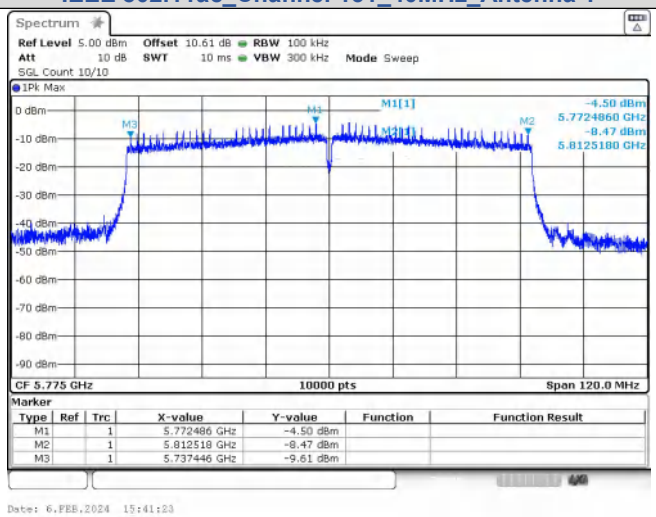
IEEE 802.11ac_Channel 165_20MHz_Antenna 1



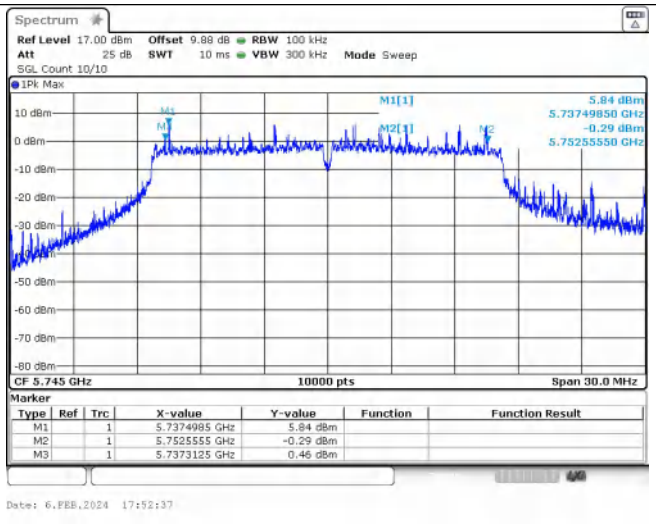
IEEE 802.11ac_Channel 151_40MHz_Antenna 1



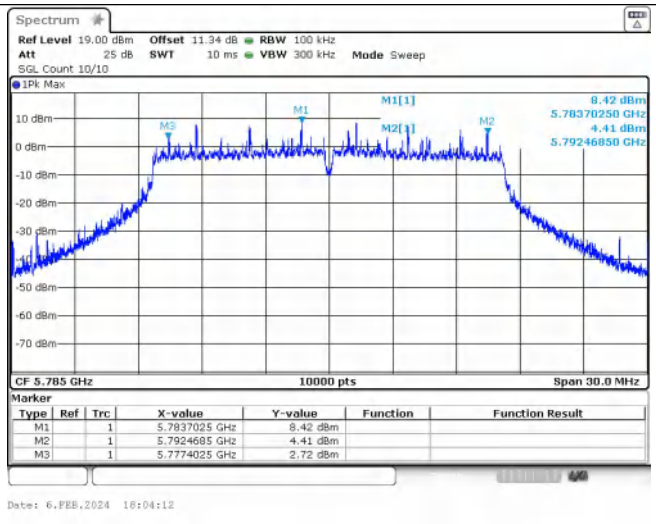
IEEE 802.11ac_Channel 159_40MHz_Antenna 1



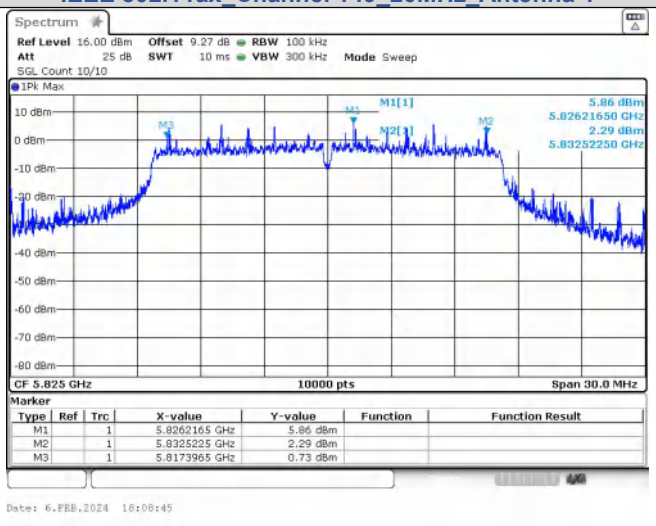
IEEE 802.11ac_Channel 155_80MHz_Antenna 1



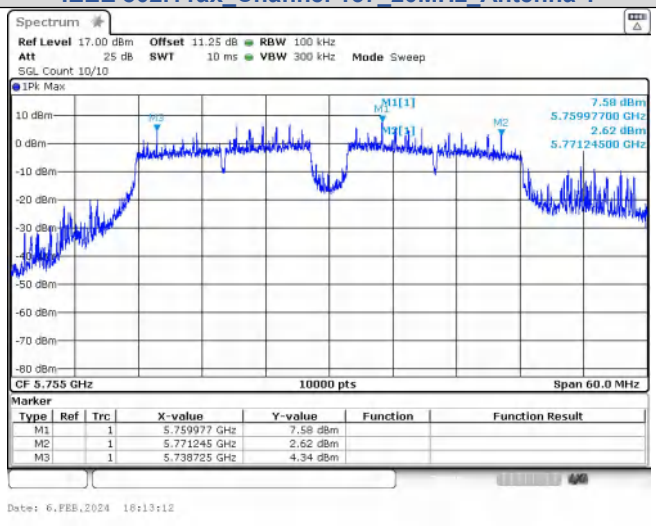
IEEE 802.11ax_Channel 149_20MHz_Antenna 1



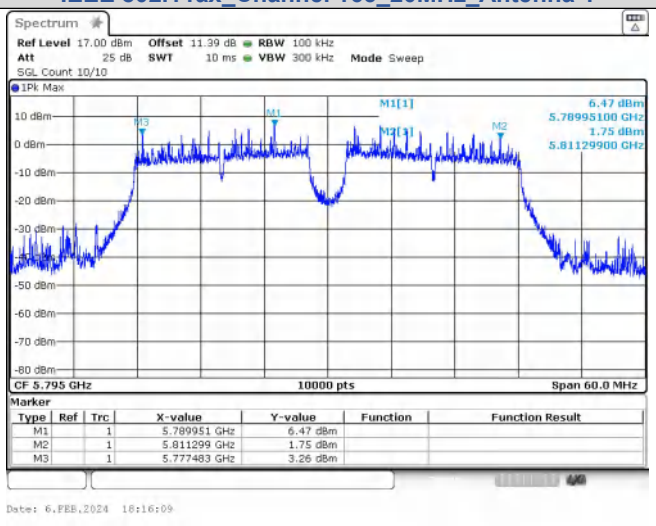
IEEE 802.11ax_Channel 157_20MHz_Antenna 1



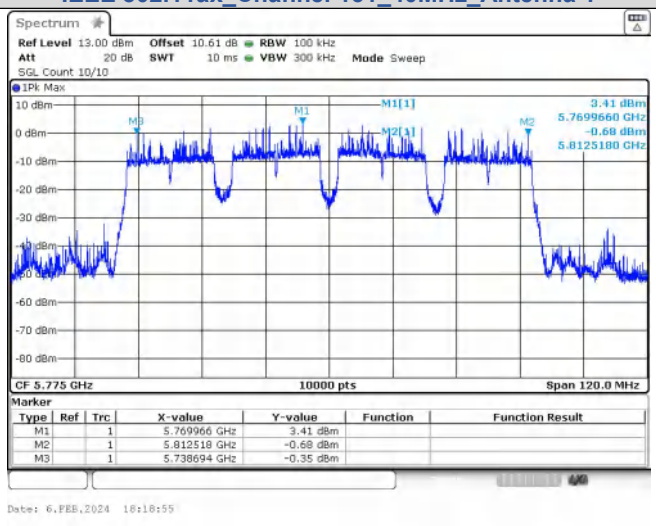
IEEE 802.11ax_Channel 165_20MHz_Antenna 1



IEEE 802.11ax_Channel 151_40MHz_Antenna 1



IEEE 802.11ax_Channel 159_40MHz_Antenna 1



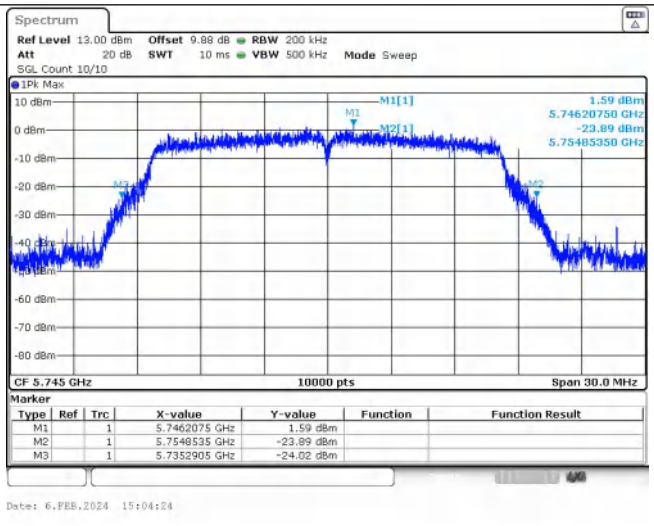
IEEE 802.11ax_Channel 155_80MHz_Antenna 1

26dB Bandwidth

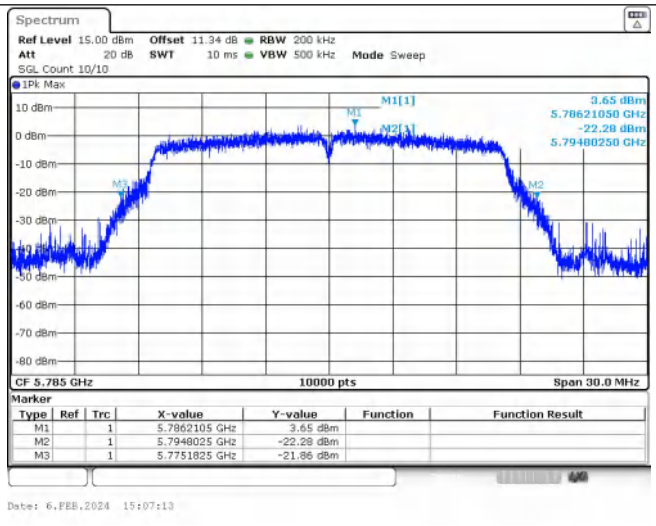
Test Result

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	149	N/A	1	5745	19.56	1.12
	157			5785	19.62	1.12
	165			5825	19.69	1.11
IEEE 802.11n_20	149			5745	19.95	1.13
	157			5785	20.10	1.1
	165			5825	19.90	1.12
IEEE 802.11n_40	151			5755	40.66	1.06
	159			5795	40.67	1.05
IEEE 802.11ac_20	149			5745	19.73	1.13
	157			5785	20.07	1.11
	165			5825	20.18	1.11
IEEE 802.11ac_40	151			5755	40.25	1.05
	159			5795	40.11	1.06
IEEE 802.11ac_80	155			5775	80.57	1.03
IEEE 802.11ax_20	149	SU		5745	23.16	1.07
	157			5785	19.18	1.14
	165			5825	25.25	1.06
IEEE 802.11ax_40	151			5755	51.63	1.04
	159			5795	39.71	1.04
IEEE 802.11ax_80	155			5775	80.11	1.02

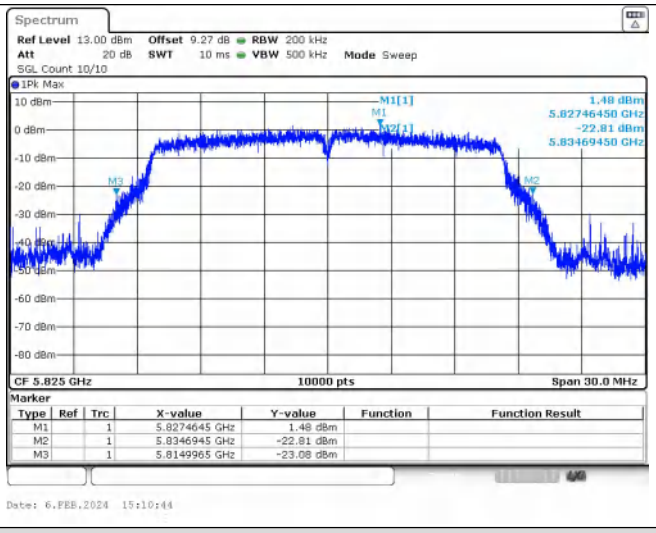
Test Graphs



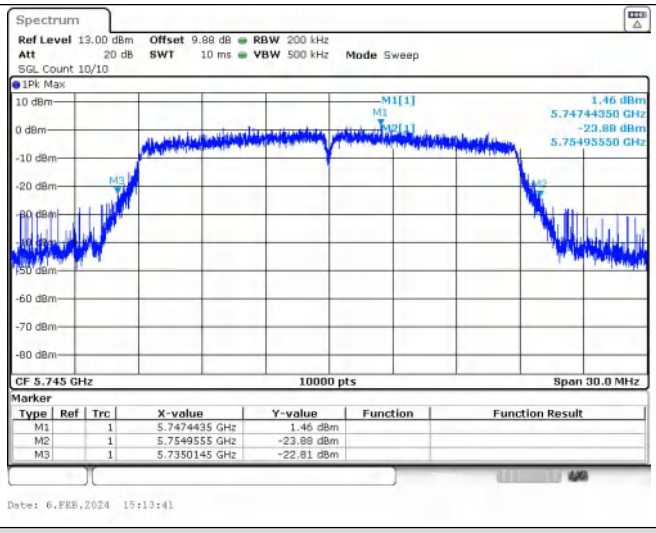
IEEE 802.11a_Channel 149_20MHz_Antenna 1



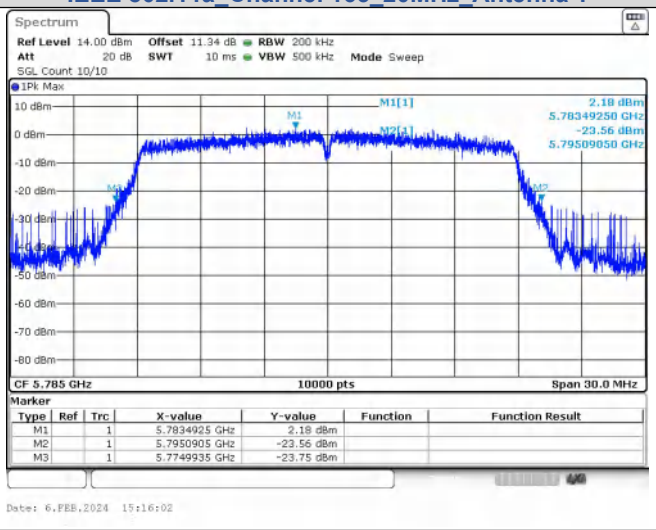
IEEE 802.11a_Channel 157_20MHz_Antenna 1



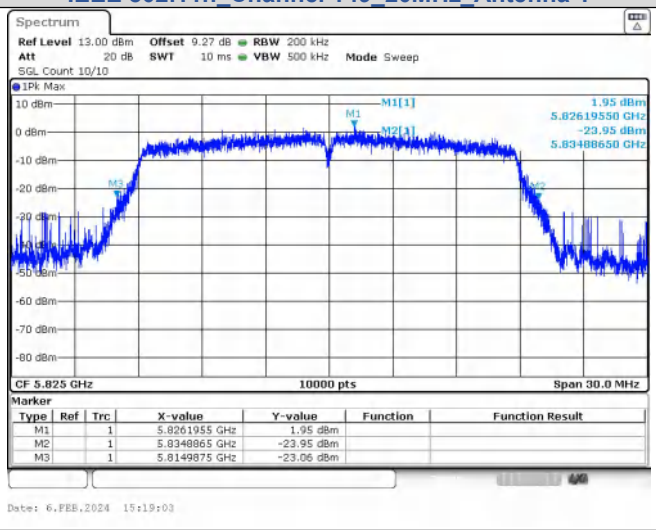
IEEE 802.11a_Channel 165_20MHz_Antenna 1



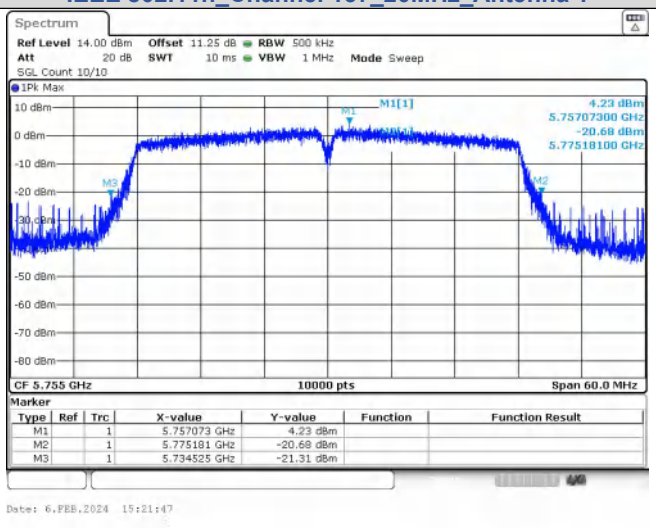
IEEE 802.11n_Channel 149_20MHz_Antenna 1



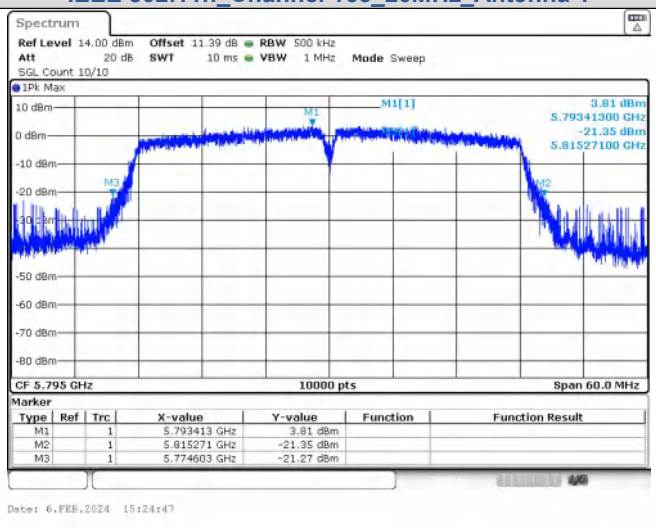
IEEE 802.11n_Channel 157_20MHz_Antenna 1



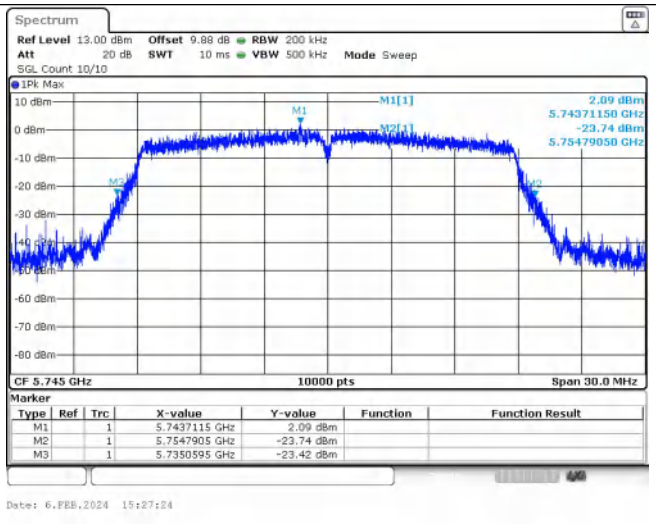
IEEE 802.11n_Channel 165_20MHz_Antenna 1



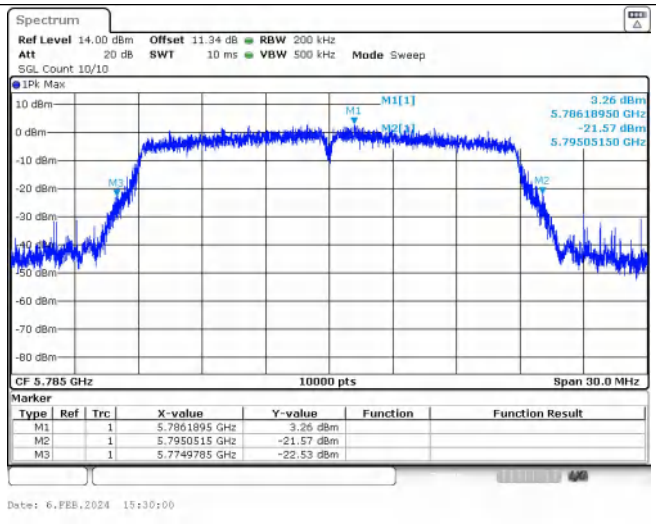
IEEE 802.11n_Channel 151_40MHz_Antenna 1



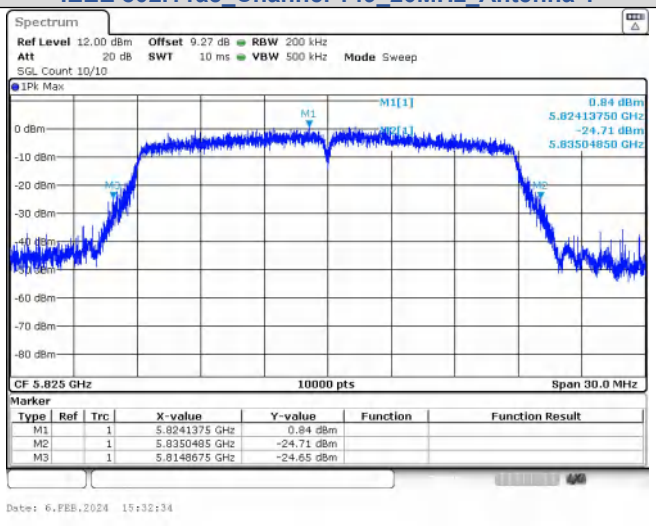
IEEE 802.11n_Channel 159_40MHz_Antenna 1



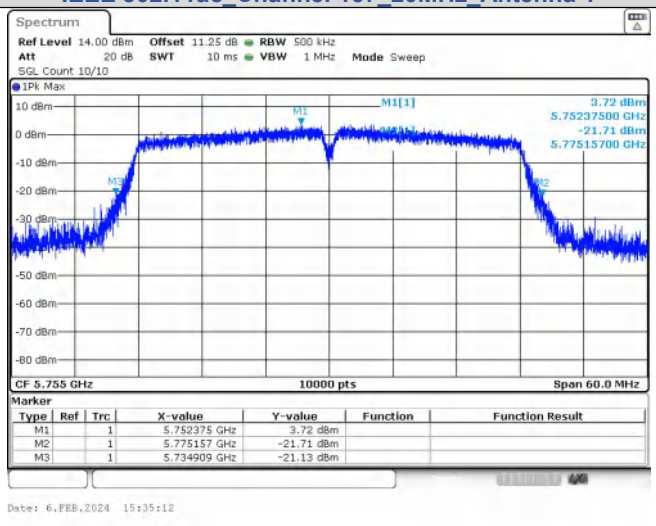
IEEE 802.11ac_Channel 149_20MHz_Antenna 1



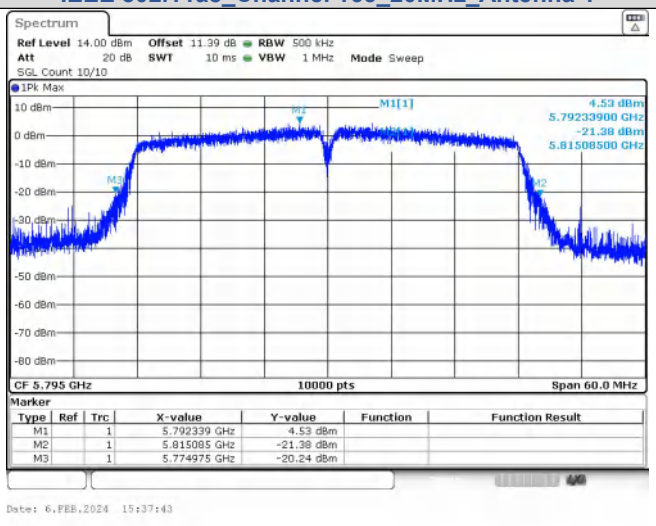
IEEE 802.11ac_Channel 157_20MHz_Antenna 1



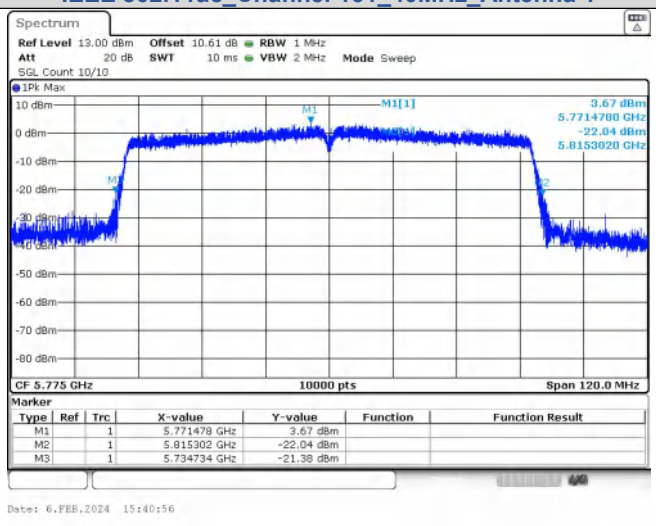
IEEE 802.11ac_Channel 165_20MHz_Antenna 1



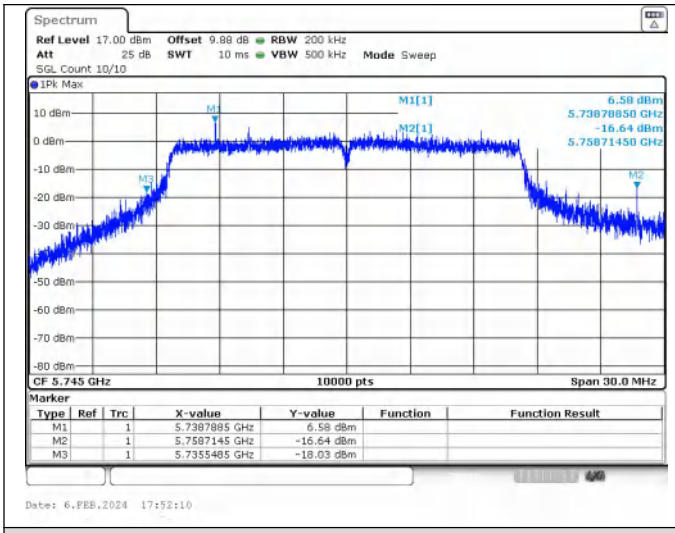
IEEE 802.11ac_Channel 151_40MHz_Antenna 1



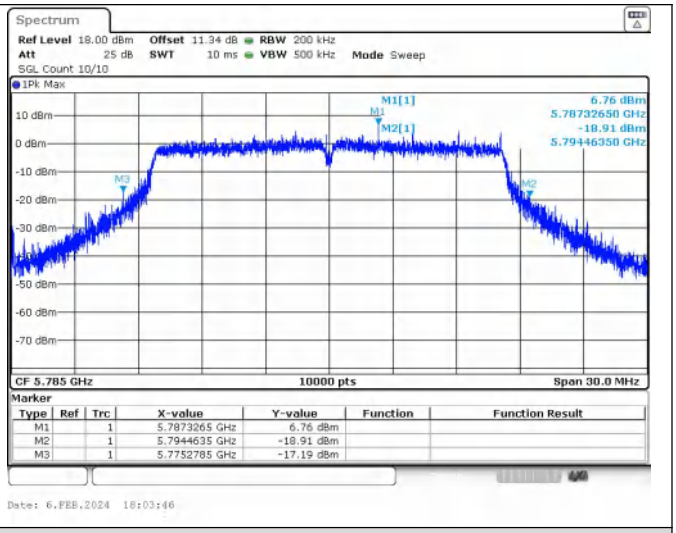
IEEE 802.11ac_Channel 159_40MHz_Antenna 1



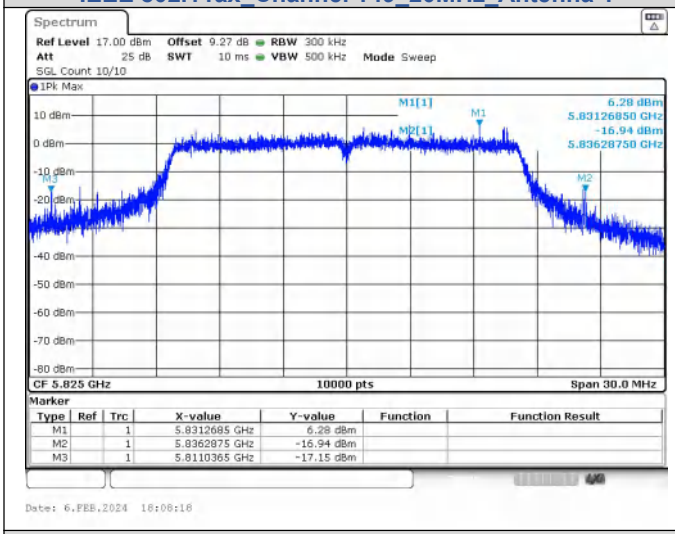
IEEE 802.11ac_Channel 155_80MHz_Antenna 1



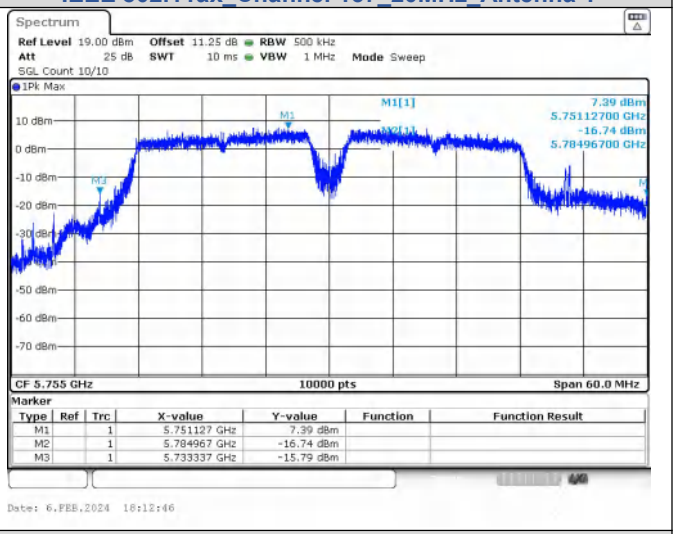
IEEE 802.11ax_Channel 149_20MHz_Antenna 1



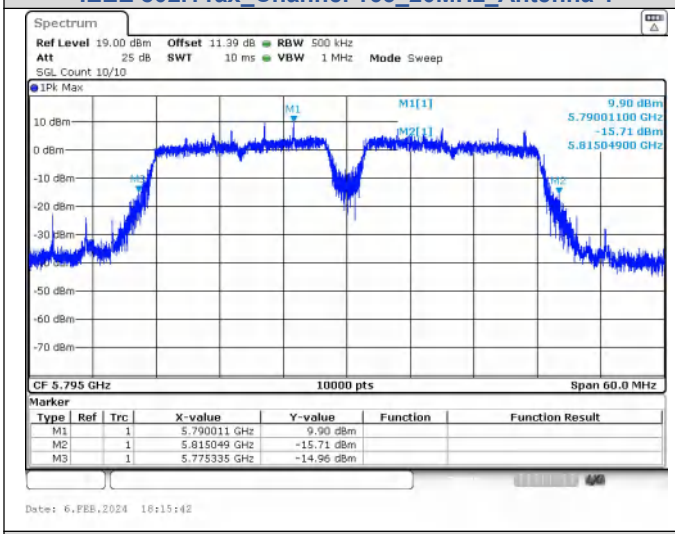
IEEE 802.11ax_Channel 157_20MHz_Antenna 1



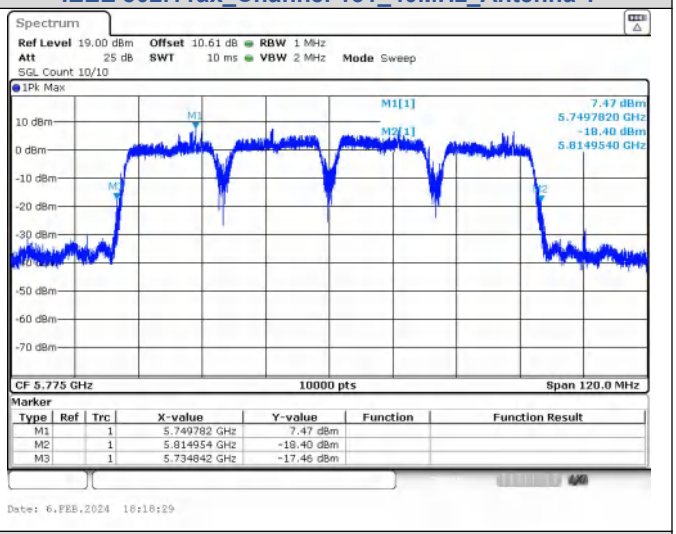
IEEE 802.11ax_Channel 165_20MHz_Antenna 1



IEEE 802.11ax_Channel 151_40MHz_Antenna 1



IEEE 802.11ax_Channel 159_40MHz_Antenna 1



IEEE 802.11ax_Channel 155_80MHz_Antenna 1

Conducted Out Of Band Emission

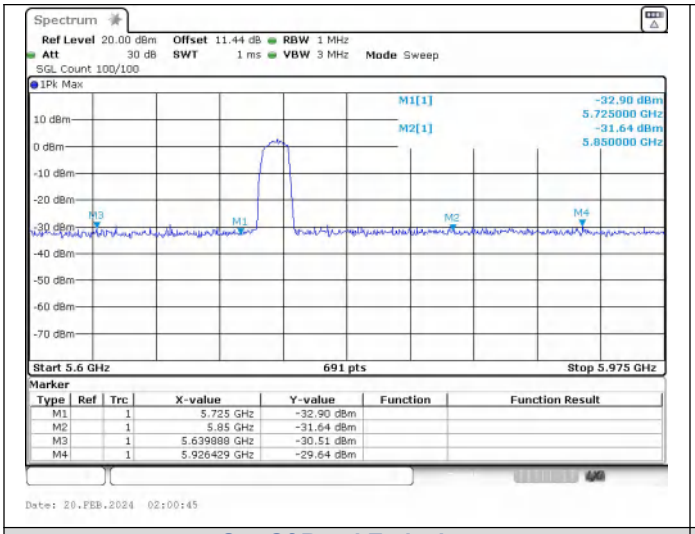
Test Result

Mode	Channel	RU & Index	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	149	N/A	1	5476.62	-48.299	-27	-21.300	PASS
				5639.89	-30.508	-27	-3.508	PASS
				5725.00	-32.895	27	-59.900	PASS
				5850.00	-31.639	27	-58.640	PASS
				5926.43	-29.644	-27	-2.644	PASS
				6919.13	-47.497	-27	-20.500	PASS
	157			5431.85	-49.097	-27	-22.100	PASS
				5649.11	-30.862	-27	-3.862	PASS
				5725.00	-31.506	27	-58.510	PASS
				5850.00	-32.920	27	-59.920	PASS
				5968.22	-29.017	-27	-2.017	PASS
				15926.3	-47.330	-27	-20.330	PASS
	165			5412.56	-49.143	-27	-22.140	PASS
				5639.35	-30.780	-27	-3.780	PASS
				5725.00	-31.702	27	-58.700	PASS
				5850.00	-31.457	27	-58.460	PASS
				5947.59	-30.576	-27	-3.576	PASS
				16610.5	-47.223	-27	-20.220	PASS
IEEE 802.11n_20	149			5459.20	-48.100	-27	-21.100	PASS
				5625.24	-30.943	-27	-3.943	PASS
				5725.00	-32.556	27	-59.560	PASS
				5850.00	-32.462	27	-59.460	PASS
				5941.08	-30.798	-27	-3.798	PASS
				23356.0	-48.043	-27	-21.040	PASS
	157			5621.81	-49.603	-27	-22.600	PASS
				5644.23	-30.399	-27	-3.399	PASS
				5725.00	-32.431	27	-59.430	PASS
				5850.00	-32.036	27	-59.040	PASS
				5945.97	-30.112	-27	-3.112	PASS
				16590.2	-47.794	-27	-20.790	PASS
	165			5549.87	-48.796	-27	-21.800	PASS
				5629.58	-30.773	-27	-3.773	PASS
				5725.00	-31.260	27	-58.260	PASS
				5850.00	-32.442	27	-59.440	PASS
				5940.54	-29.913	-27	-2.913	PASS
				16326.3	-47.214	-27	-20.210	PASS
IEEE 802.11n_40	151			5398.13	-49.310	-27	-22.310	PASS
				5628.49	-30.884	-27	-3.884	PASS
				5725.00	-30.672	27	-57.670	PASS
				5850.00	-29.866	27	-56.870	PASS
				5970.39	-30.117	-27	-3.117	PASS
				22064.7	-47.528	-27	-20.530	PASS
	159			2411.48	-48.093	-27	-21.090	PASS
				5600.81	-31.037	-27	-4.037	PASS
				5725.00	-32.444	27	-59.440	PASS
				5850.00	-31.882	27	-58.880	PASS
				5956.82	-30.059	-27	-3.059	PASS
				24808.3	-47.215	-27	-20.220	PASS
IEEE 802.11ac_20	149			4985.62	-49.059	-27	-22.060	PASS
				5617.09	-30.558	-27	-3.558	PASS
				5725.00	-31.328	27	-58.330	PASS

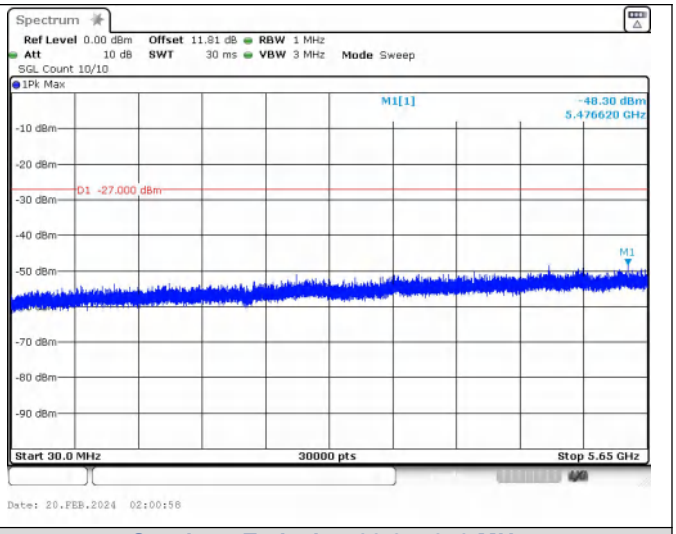
				5850.00	-31.449	27	-58.450	PASS
				5948.68	-30.467	-27	-3.467	PASS
				17913.3	-47.333	-27	-20.330	PASS
	157			4733.85	-49.698	-27	-22.700	PASS
				5629.03	-31.170	-27	-4.170	PASS
				5725.00	-31.128	27	-58.130	PASS
				5850.00	-31.818	27	-58.820	PASS
				5959.53	-30.782	-27	-3.782	PASS
				17344.9	-47.050	-27	-20.050	PASS
	165			5500.79	-49.142	-27	-22.140	PASS
				5629.03	-31.019	-27	-4.019	PASS
				5725.00	-31.962	27	-58.960	PASS
				5850.00	-32.146	27	-59.150	PASS
				5951.94	-29.899	-27	-2.899	PASS
				22013.8	-47.336	-27	-20.340	PASS
IEEE 802.11ac_40	151			4753.70	-48.714	-27	-21.710	PASS
				5614.92	-31.085	-27	-4.085	PASS
				5725.00	-31.243	27	-58.240	PASS
				5850.00	-31.658	27	-58.660	PASS
				5939.45	-30.697	-27	-3.697	PASS
				18247.8	-47.912	-27	-20.910	PASS
	159			4700.50	-49.386	-27	-22.390	PASS
				5643.69	-30.494	-27	-3.494	PASS
				5725.00	-31.884	27	-58.880	PASS
				5850.00	-30.846	27	-57.850	PASS
				5971.47	-30.699	-27	-3.699	PASS
				16571.1	-48.034	-27	-21.030	PASS
IEEE 802.11ac_80	155			4970.26	-48.983	-27	-21.980	PASS
				5634.46	-30.363	-27	-3.363	PASS
				5725.00	-32.312	27	-59.310	PASS
				5850.00	-33.166	27	-60.170	PASS
				5974.19	-29.918	-27	-2.918	PASS
				21945.8	-47.938	-27	-20.940	PASS
IEEE 802.11ax_20	149	SU		1539.81	-33.053	-27	-6.050	PASS
				5624.15	-30.914	-27	-3.914	PASS
				5725.00	-26.945	27	-53.950	PASS
				5850.00	-32.763	27	-59.760	PASS
				5944.39	-44.924	-27	-17.920	PASS
				5954.65	-30.274	-27	-3.274	PASS
	157			1575.59	-33.444	-27	-6.440	PASS
				5605.70	-30.243	-27	-3.243	PASS
				5725.00	-33.690	27	-60.690	PASS
				5850.00	-32.038	27	-59.040	PASS
				5936.74	-30.455	-27	-3.455	PASS
				5945.03	-43.869	-27	-16.870	PASS
	165			1624.49	-31.914	-27	-4.910	PASS
				5633.92	-30.819	-27	-3.819	PASS
				5725.00	-32.308	27	-59.310	PASS
				5850.00	-32.247	27	-59.250	PASS
				5944.34	-29.965	-27	-2.965	PASS
				5985.72	-42.791	-27	-15.790	PASS
IEEE 802.11ax_40	151			1550.49	-29.686	-27	-2.690	PASS
				5643.14	-30.410	-27	-3.410	PASS
				5725.00	-10.574	27	-37.570	PASS
				5850.00	-28.572	27	-55.570	PASS
				5945.66	-38.981	-27	-11.980	PASS
				5962.79	-30.116	-27	-3.116	PASS
	159			1589.83	-30.068	-27	-3.070	PASS
				5611.67	-30.370	-27	-3.370	PASS

				5725.00	-27.166	27	-54.170	PASS
				5850.00	-22.197	27	-49.200	PASS
				5930.77	-27.717	-27	-0.717	PASS
				5944.39	-36.340	-27	-9.340	PASS
IEEE 802.11ax_80	155			5608.95	-29.566	-27	-2.566	PASS
				5648.41	-43.662	-27	-16.660	PASS
				5725.00	-31.372	27	-58.370	PASS
				5850.00	-31.476	27	-58.480	PASS
				5950.75	-46.261	-27	-19.260	PASS
				5970.39	-30.235	-27	-3.235	PASS

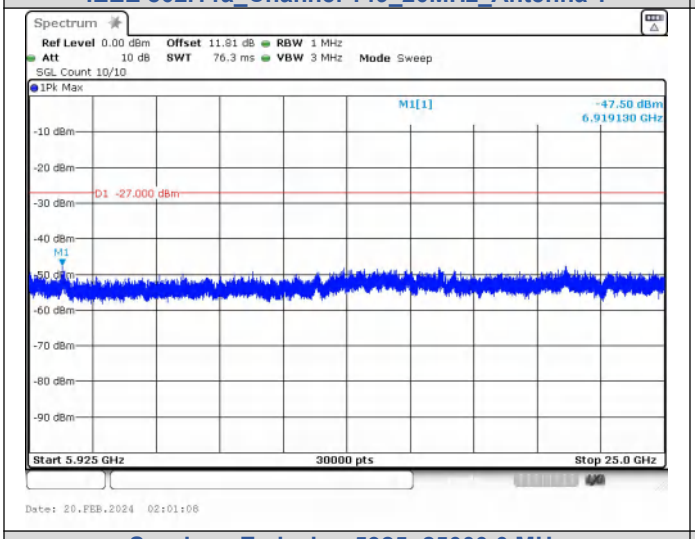
Test Graphs



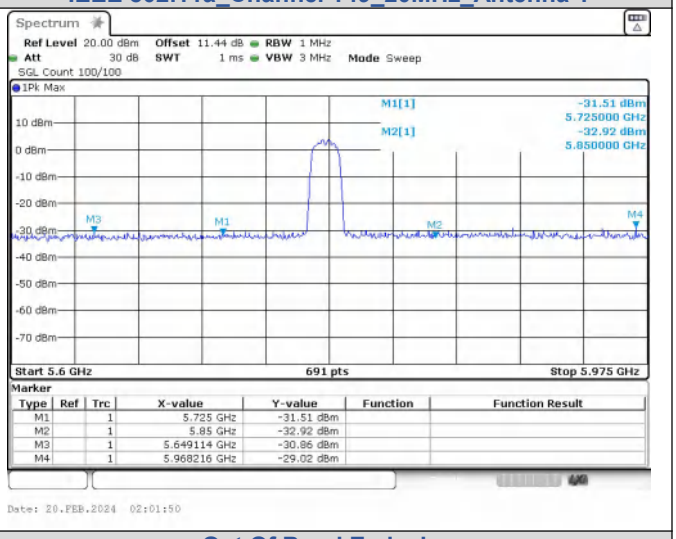
Out Of Band Emission
IEEE 802.11a_Channel 149_20MHz_Antenna 1



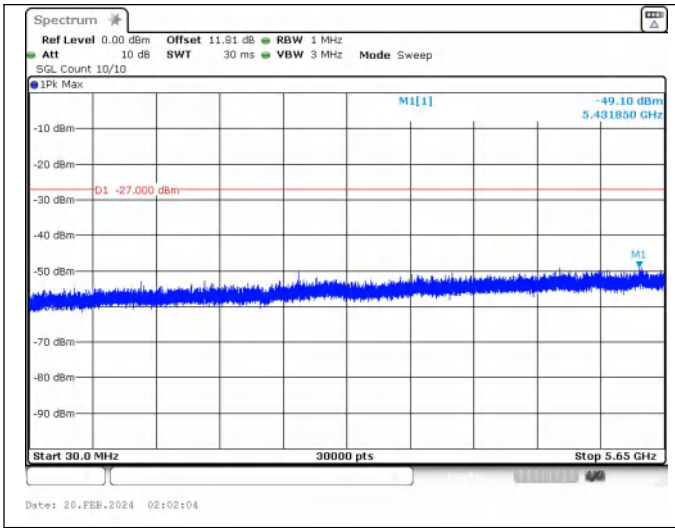
Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 1



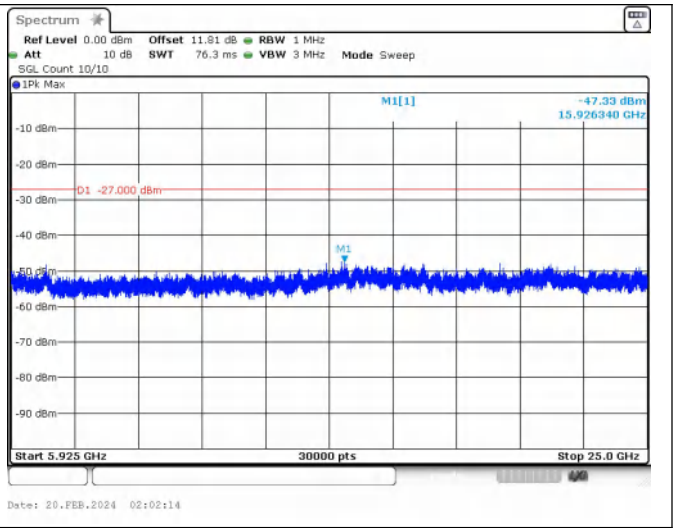
Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 1



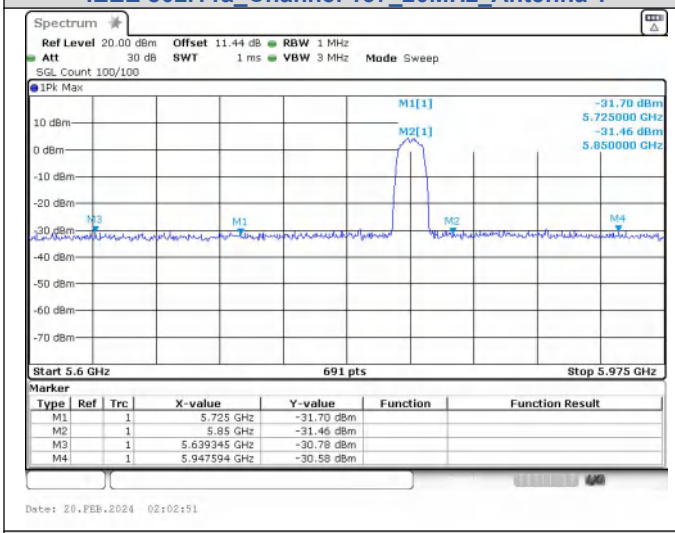
Out Of Band Emission
IEEE 802.11a_Channel 157_20MHz_Antenna 1



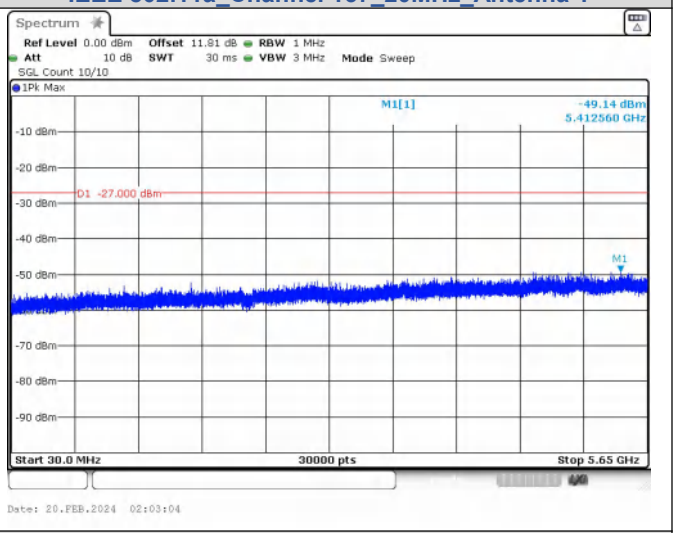
Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 157_20MHz_Antenna 1



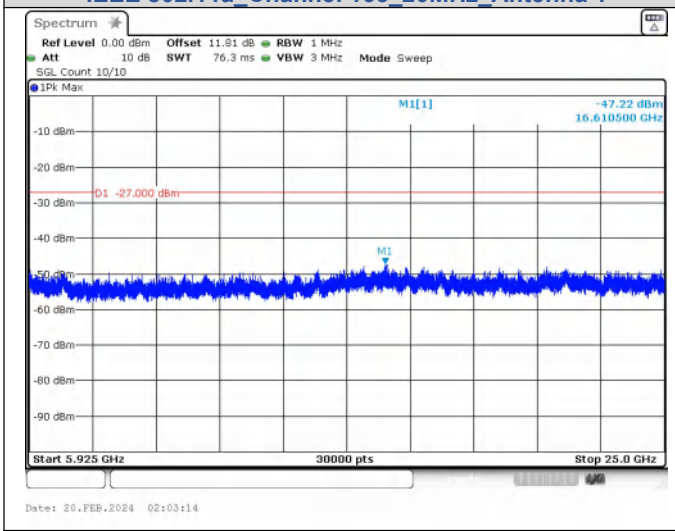
Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 157_20MHz_Antenna 1



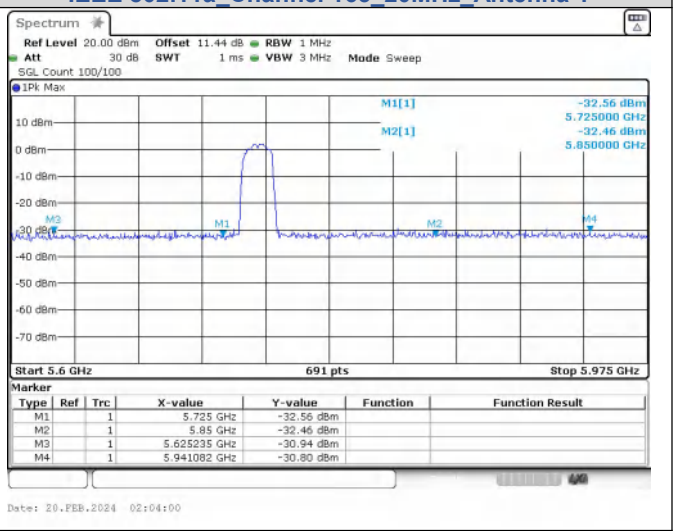
Out Of Band Emission
IEEE 802.11a_Channel 165_20MHz_Antenna 1



Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 165_20MHz_Antenna 1

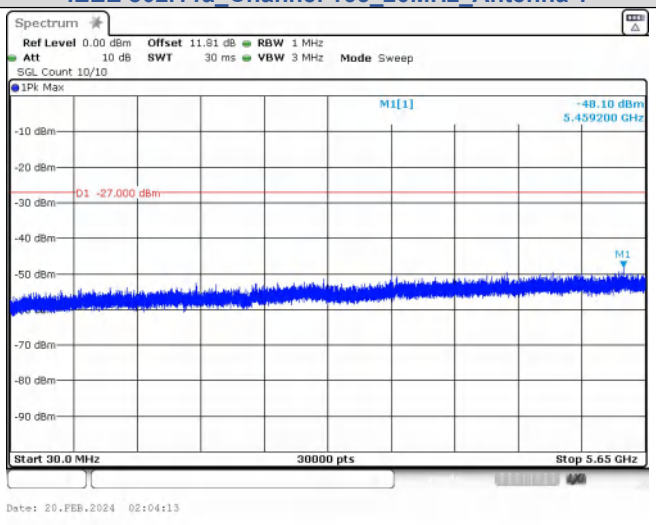


Spurious Emission:5925~25000.0 MHz

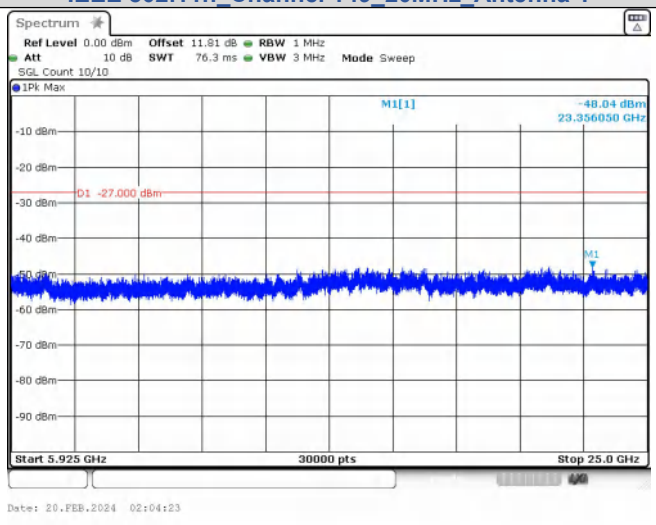


Out Of Band Emission

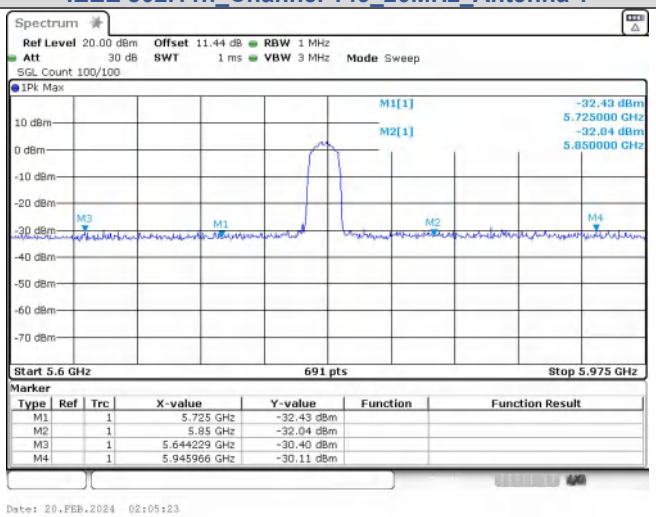
IEEE 802.11a_Channel 165_20MHz_Antenna 1



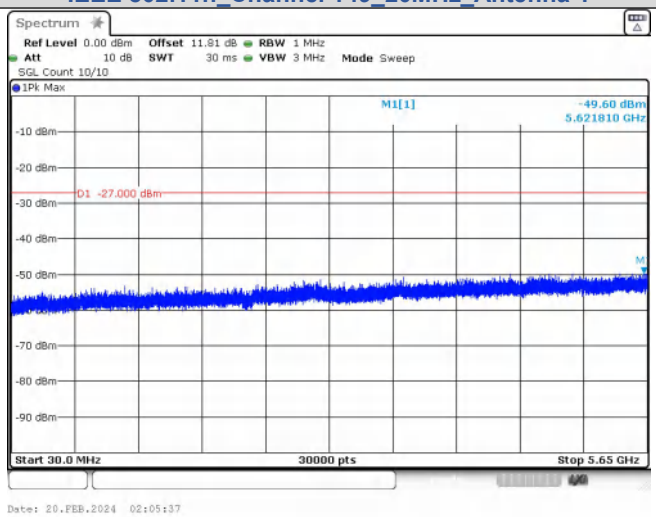
IEEE 802.11n_Channel 149_20MHz_Antenna 1



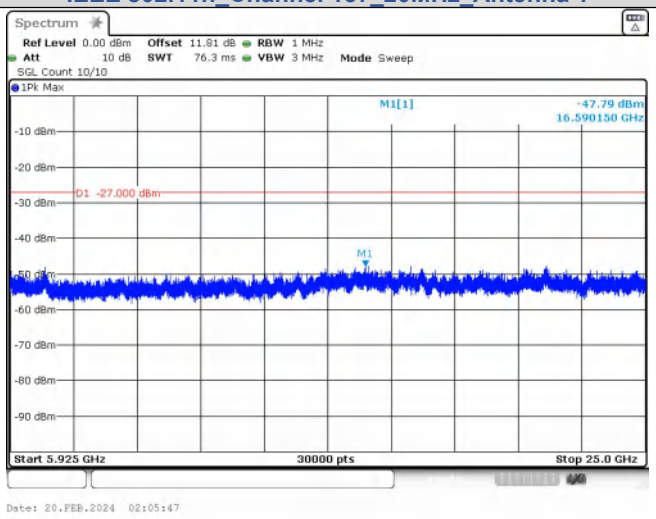
Spurious Emission:30.0~5650 MHz
IEEE 802.11n_Channel 149_20MHz_Antenna 1



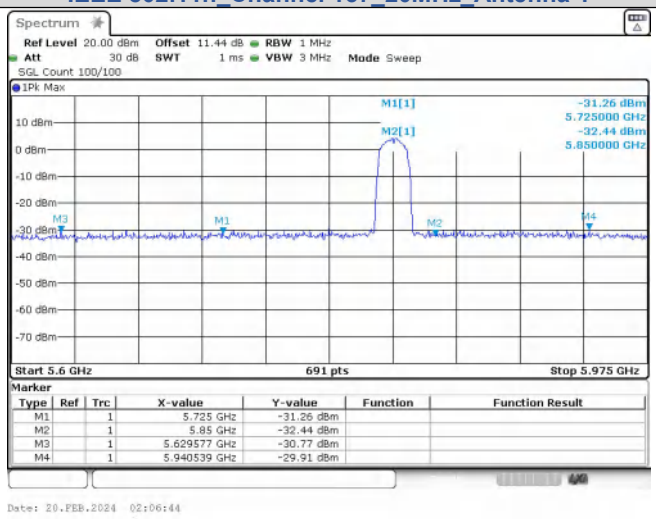
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 149_20MHz_Antenna 1



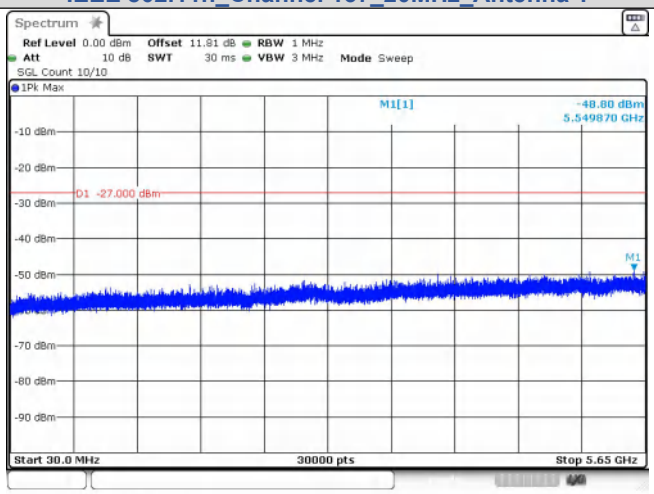
Out Of Band Emission
IEEE 802.11n_Channel 157_20MHz_Antenna 1



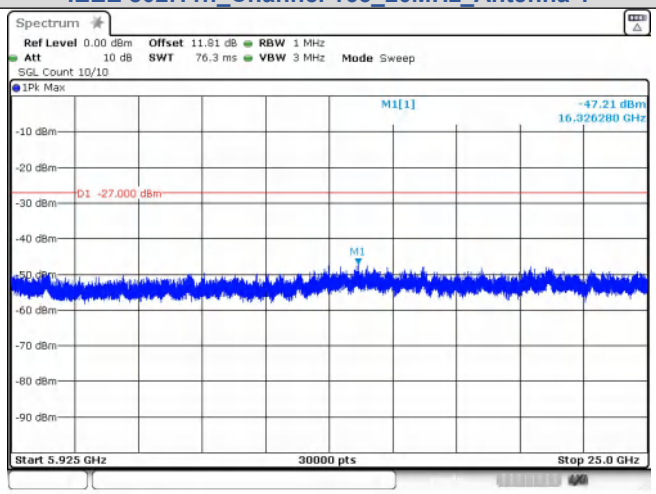
Spurious Emission:30.0~5650 MHz
IEEE 802.11n_Channel 157_20MHz_Antenna 1



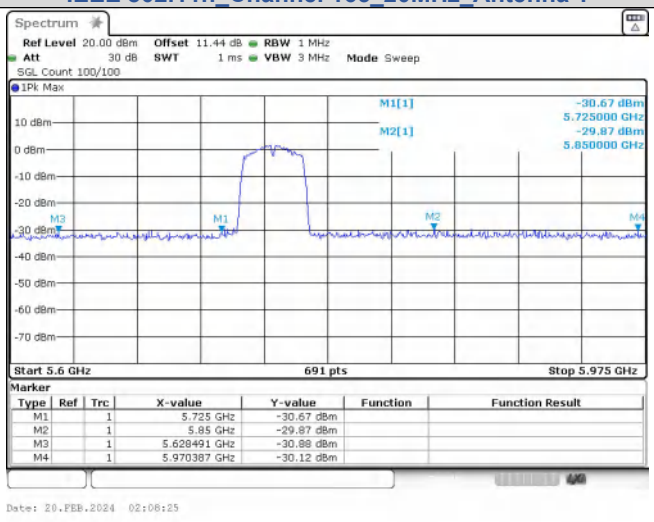
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 157_20MHz_Antenna 1



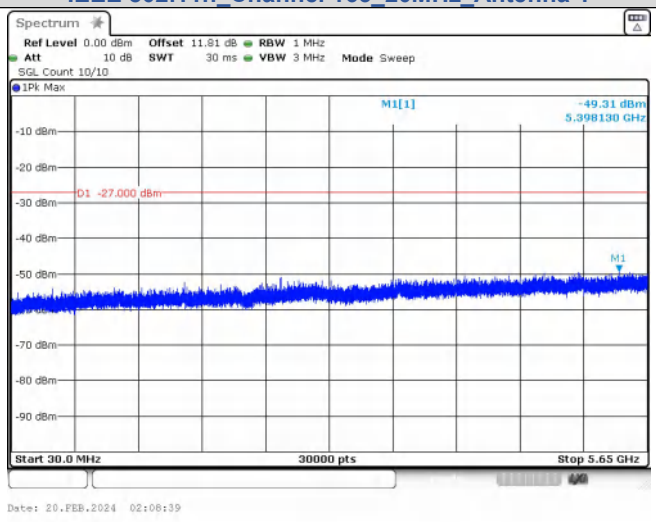
Out Of Band Emission
IEEE 802.11n_Channel 165_20MHz_Antenna 1



Spurious Emission:30.0~5650 MHz
IEEE 802.11n_Channel 165_20MHz_Antenna 1

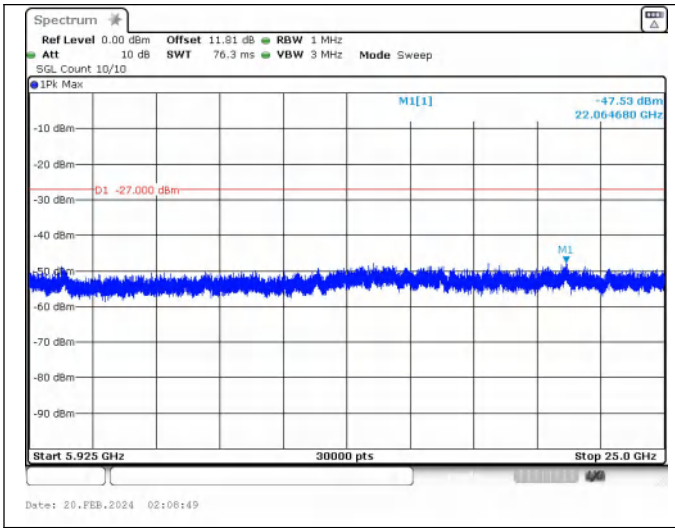


Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 165_20MHz_Antenna 1

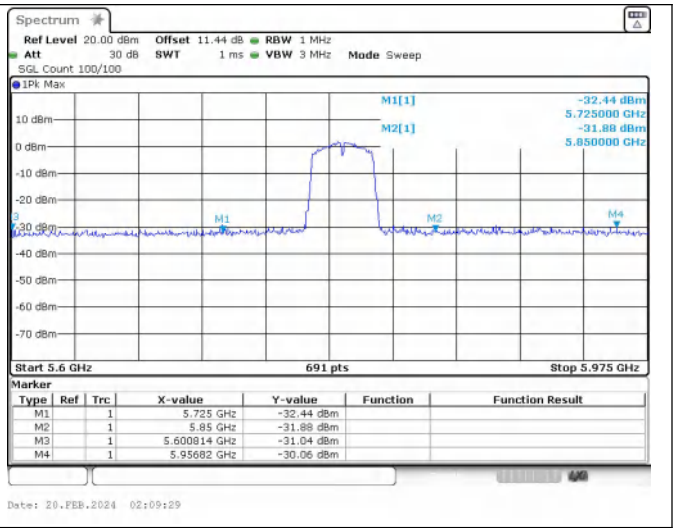


Out Of Band Emission
IEEE 802.11n_Channel 151_40MHz_Antenna 1

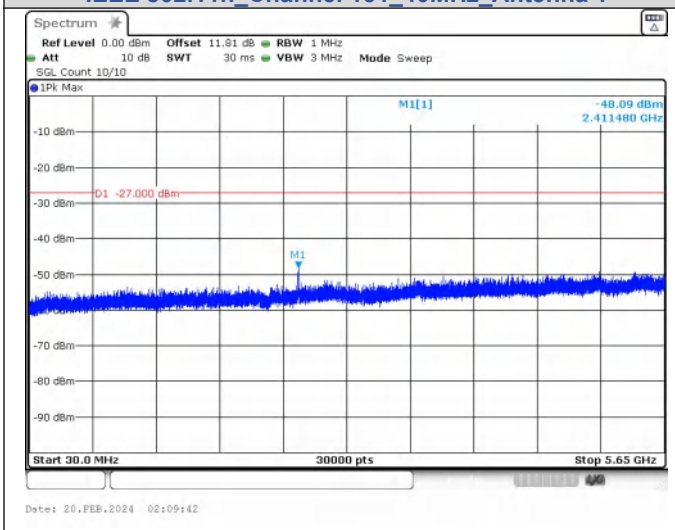
Spurious Emission:30.0~5650 MHz
IEEE 802.11n_Channel 151_40MHz_Antenna 1



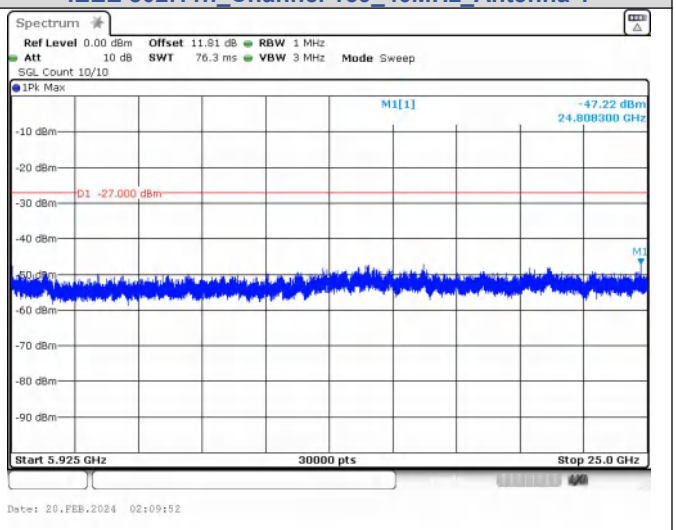
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 151_40MHz_Antenna 1



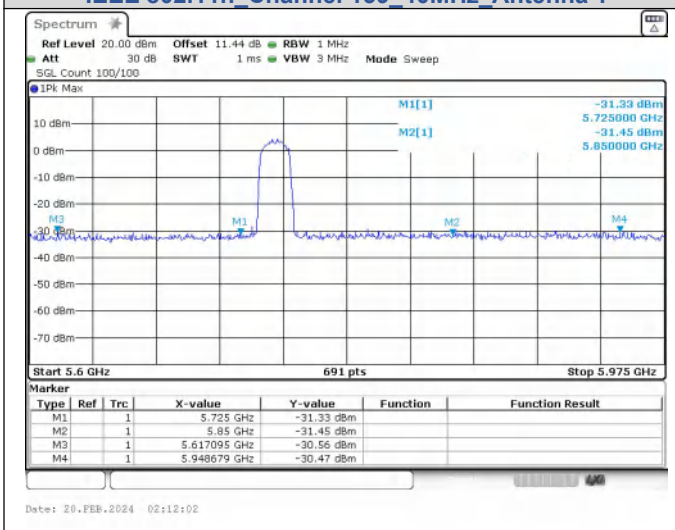
Out Of Band Emission
IEEE 802.11n_Channel 159_40MHz_Antenna 1



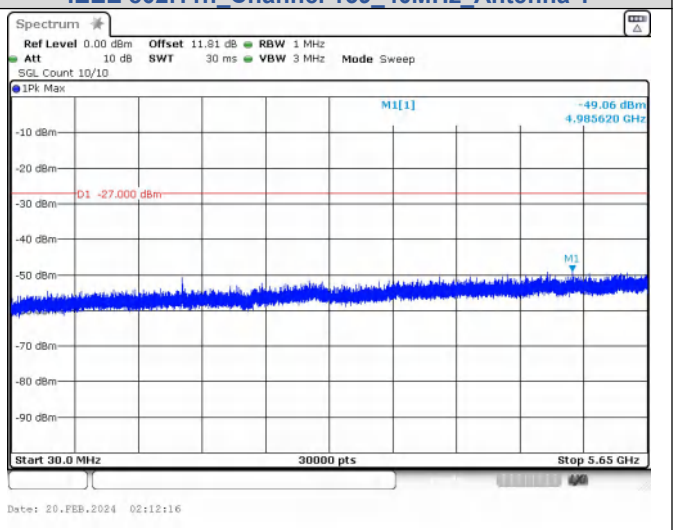
Spurious Emission:30.0~5650 MHz
IEEE 802.11n_Channel 159_40MHz_Antenna 1



Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 159_40MHz_Antenna 1

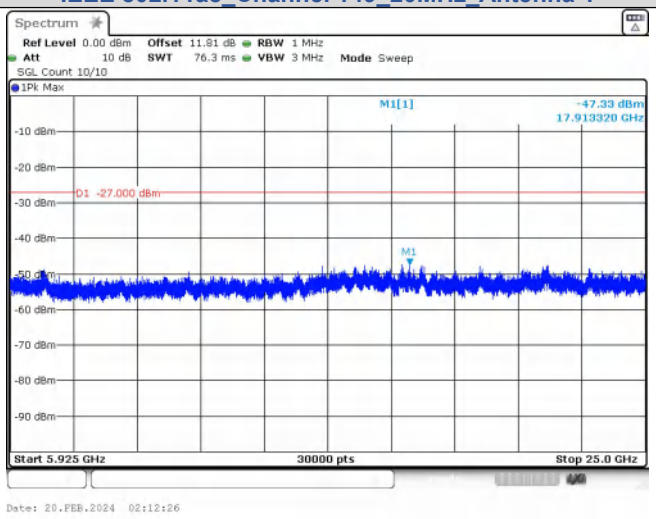


Out Of Band Emission

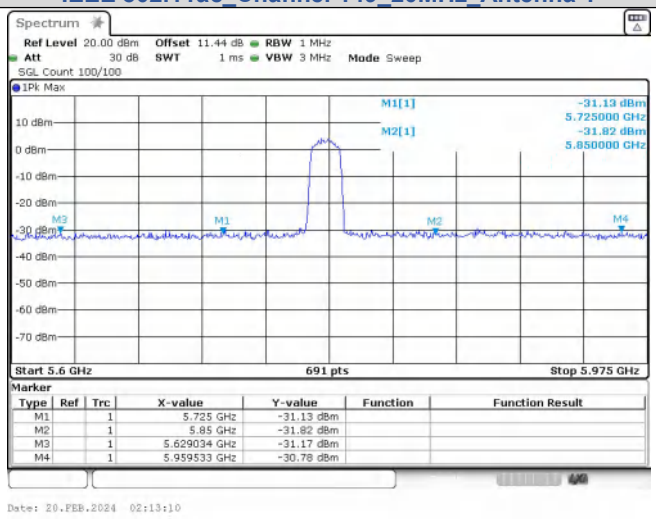


Spurious Emission:30.0~5650 MHz

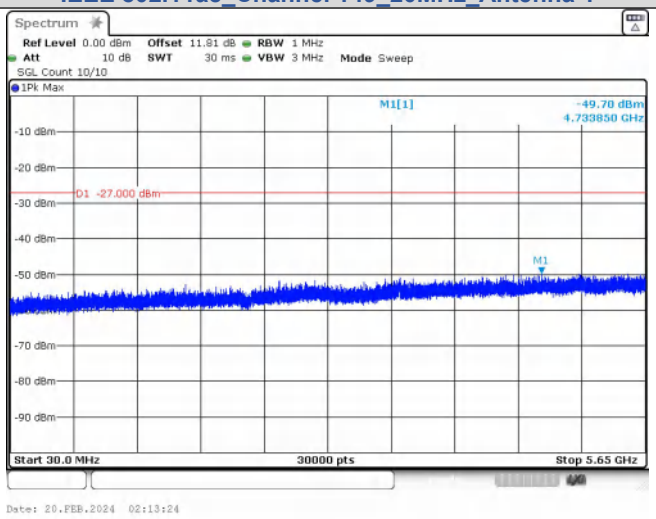
IEEE 802.11ac_Channel 149_20MHz_Antenna 1



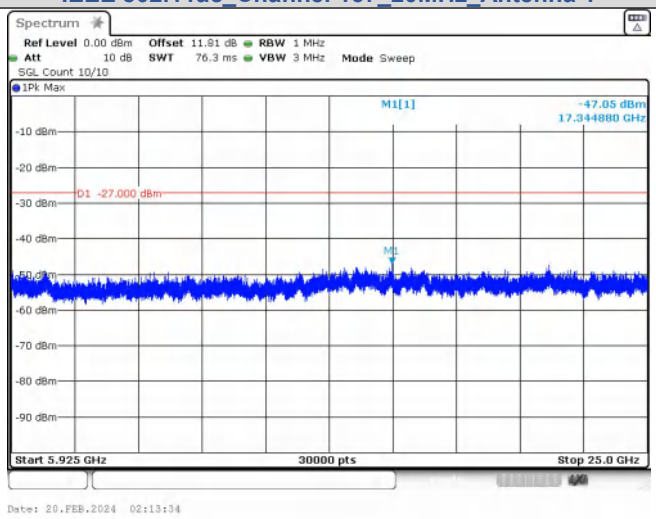
IEEE 802.11ac_Channel 149_20MHz_Antenna 1



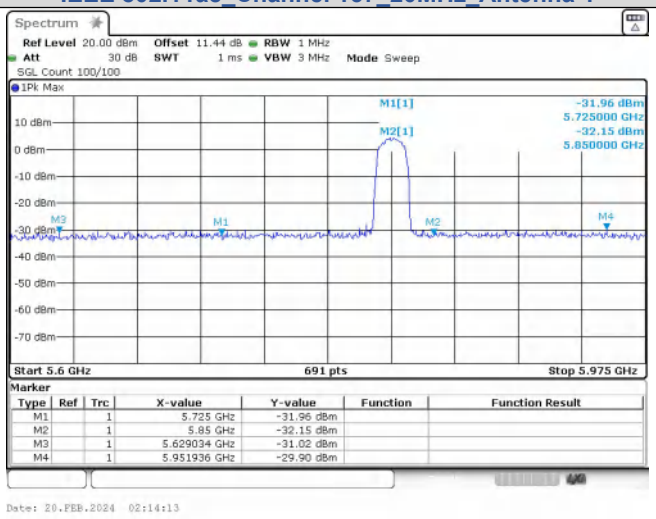
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 149_20MHz_Antenna 1



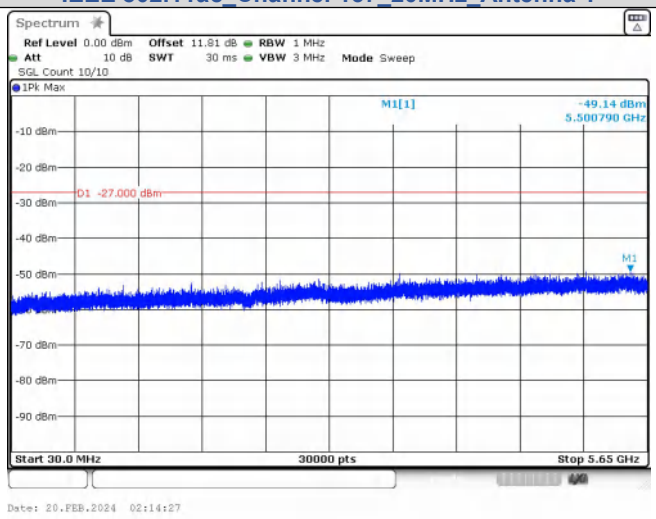
Out Of Band Emission
IEEE 802.11ac_Channel 157_20MHz_Antenna 1



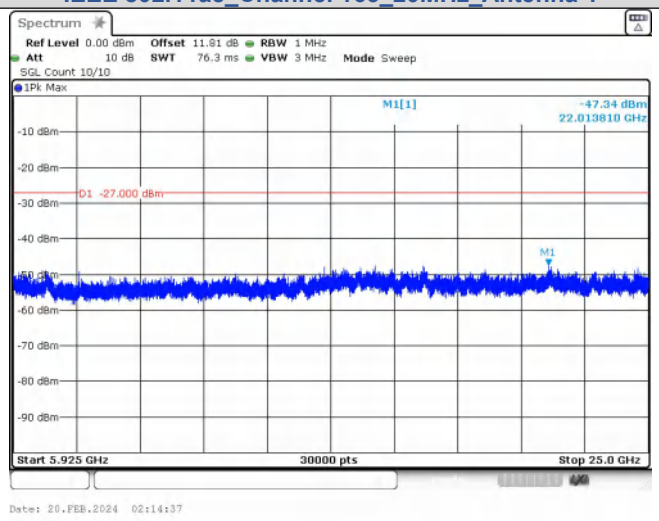
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 157_20MHz_Antenna 1



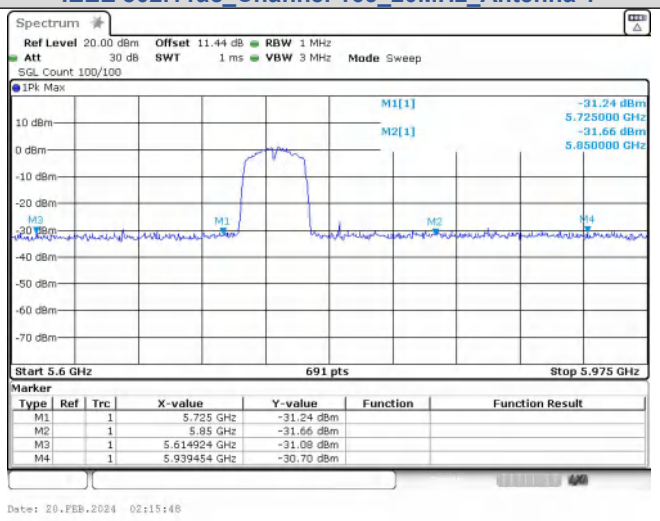
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 157_20MHz_Antenna 1



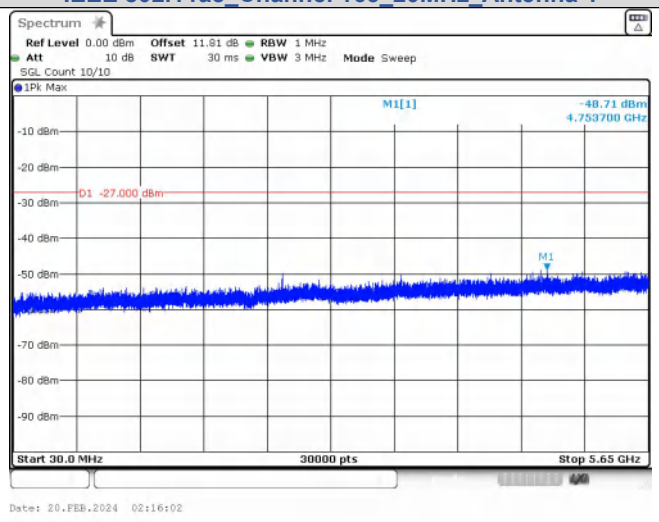
Out Of Band Emission
IEEE 802.11ac_Channel 165_20MHz_Antenna 1



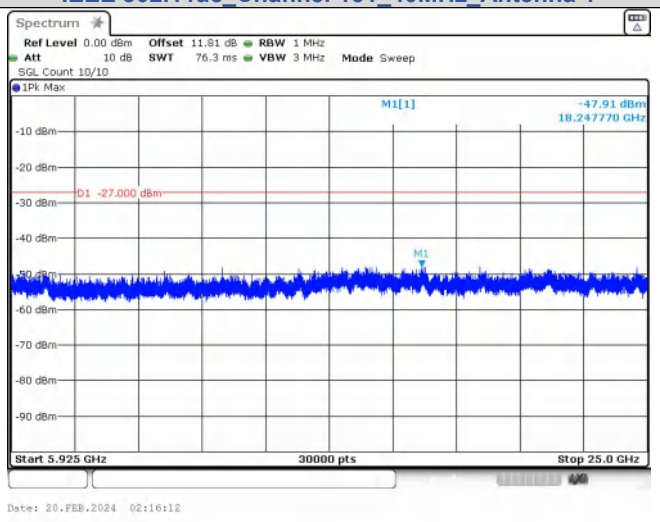
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 165_20MHz_Antenna 1



Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 165_20MHz_Antenna 1

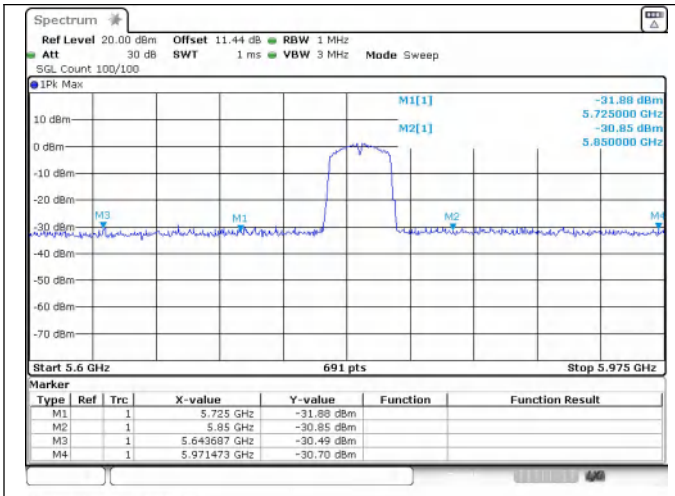


Out Of Band Emission
IEEE 802.11ac_Channel 151_40MHz_Antenna 1

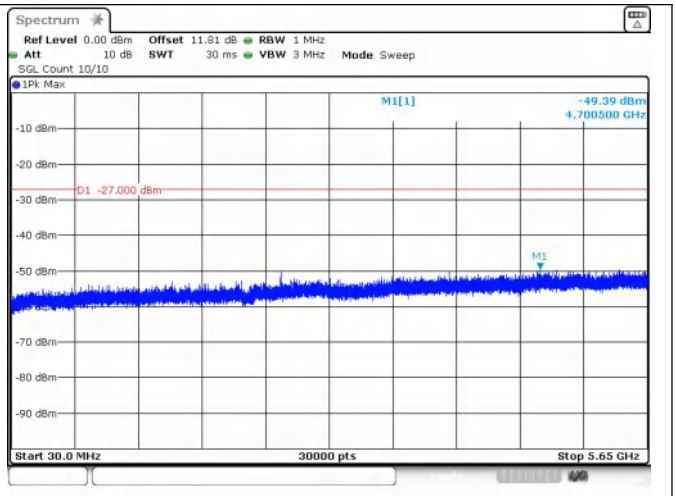


Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 151_40MHz_Antenna 1

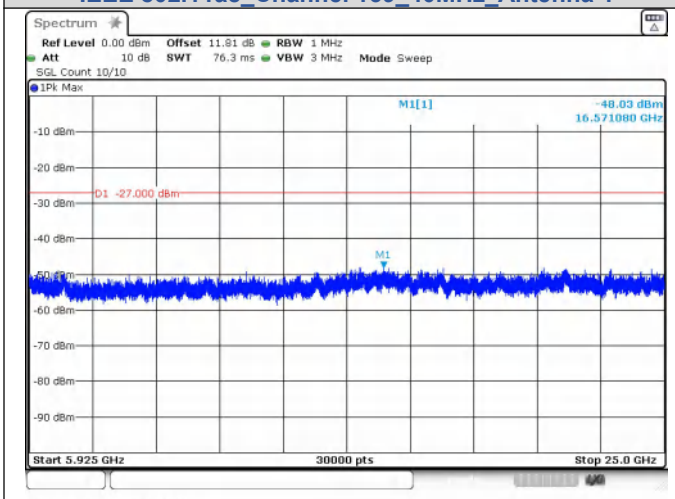
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 151_40MHz_Antenna 1



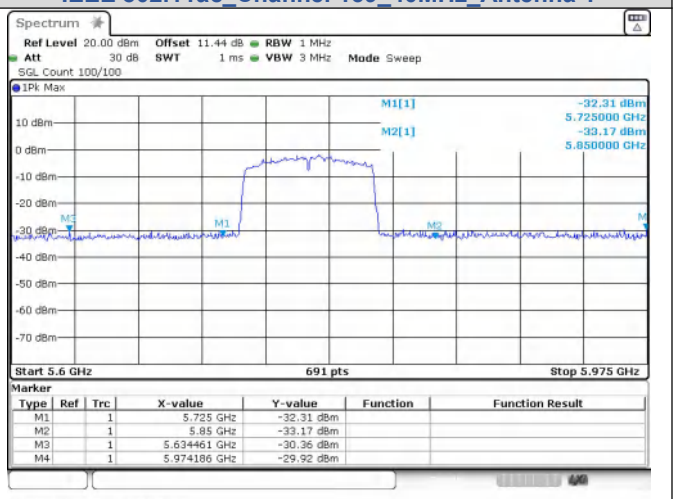
Out Of Band Emission
IEEE 802.11ac_Channel 159_40MHz_Antenna 1



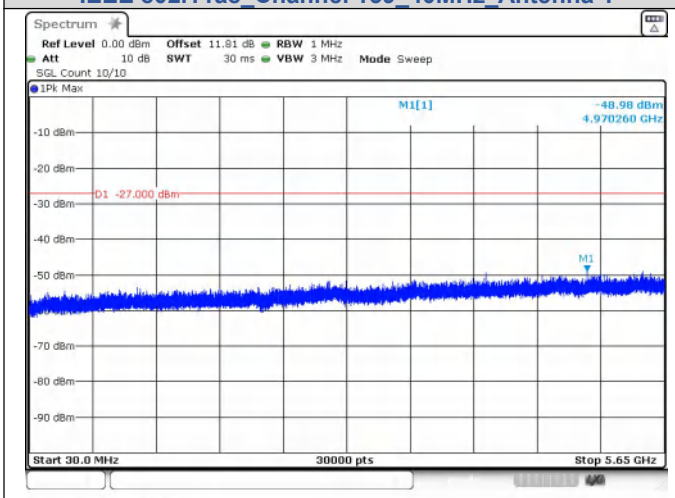
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 159_40MHz_Antenna 1



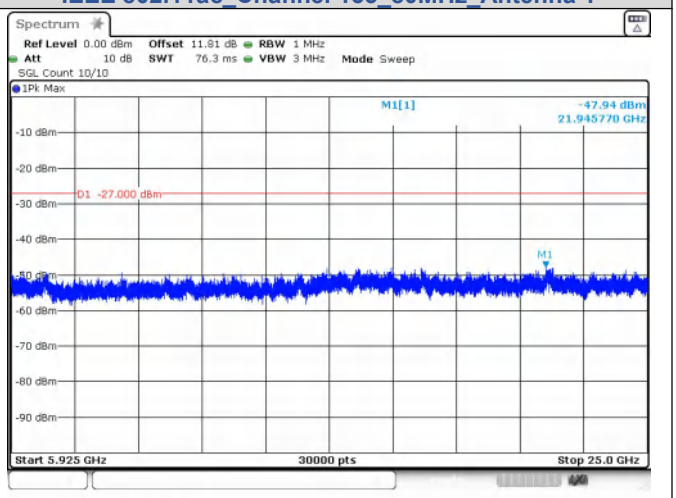
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 159_40MHz_Antenna 1



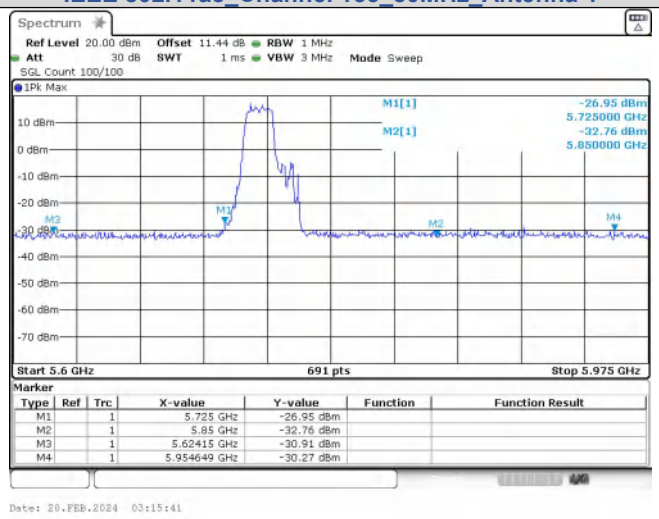
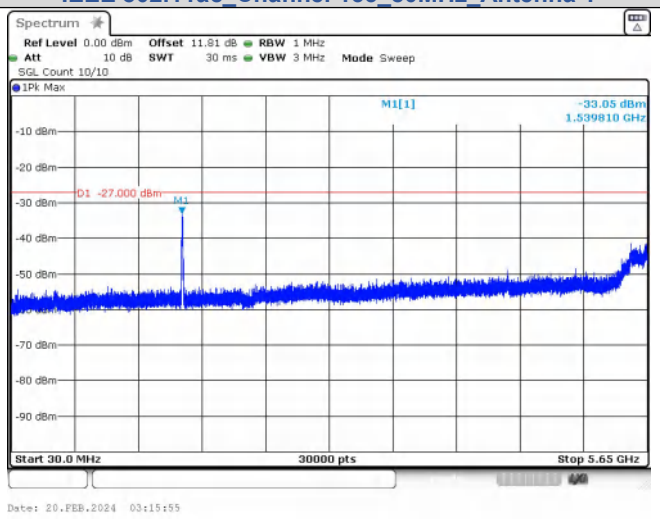
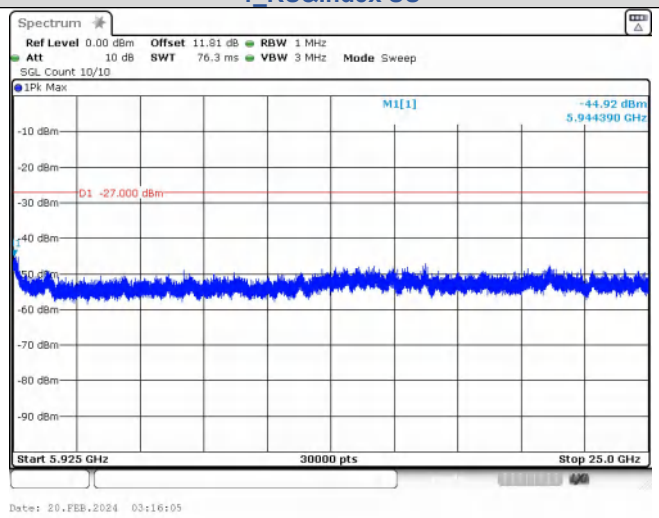
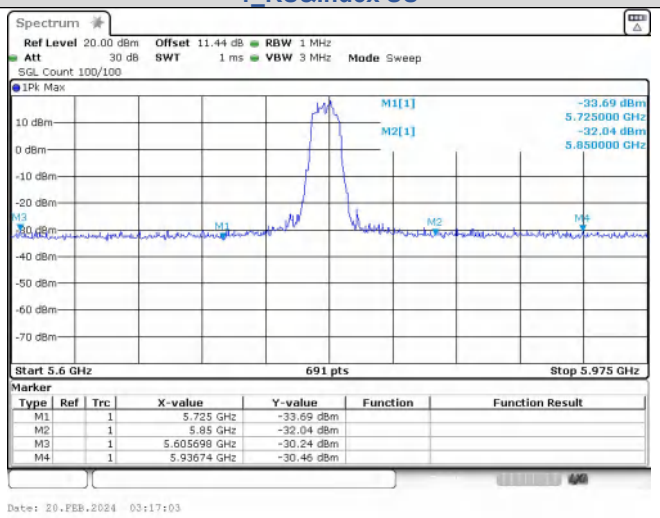
Out Of Band Emission
IEEE 802.11ac_Channel 155_80MHz_Antenna 1

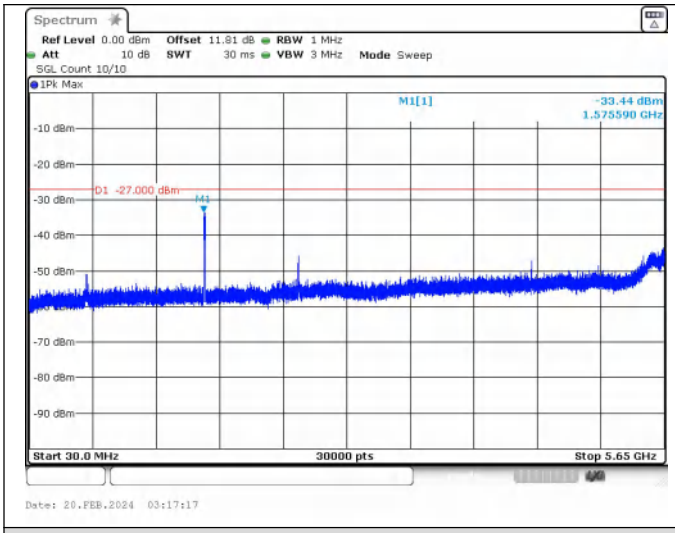


Spurious Emission:30.0~5650 MHz

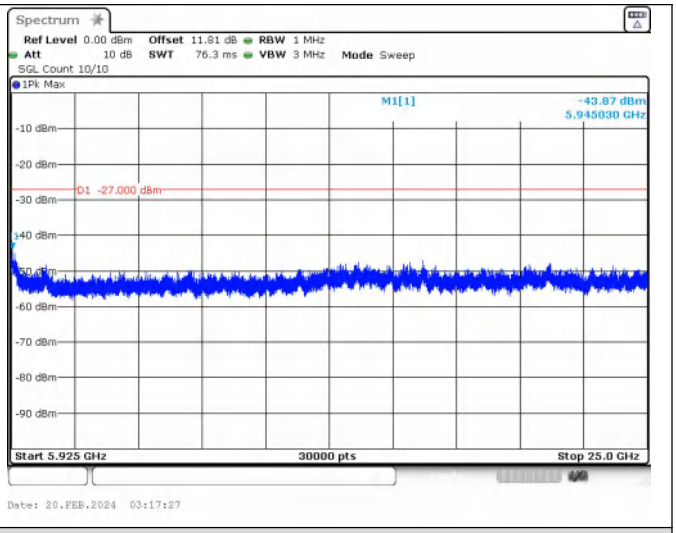


Spurious Emission:5925~25000.0 MHz

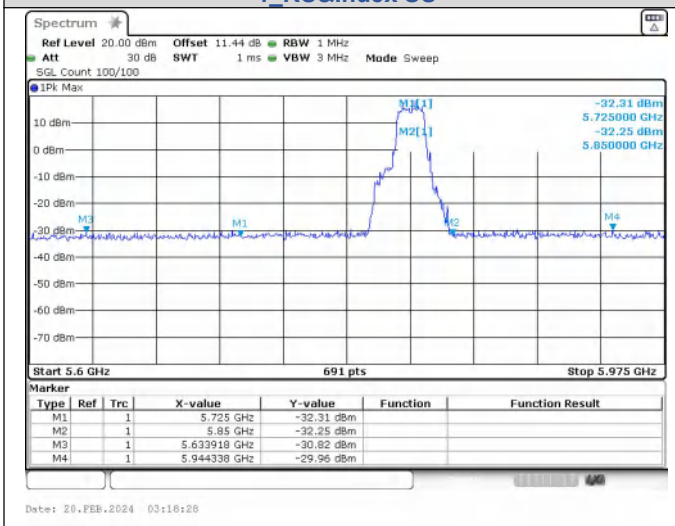
IEEE 802.11ac_Channel 155_80MHz_Antenna 1	IEEE 802.11ac_Channel 155_80MHz_Antenna 1
	
Out Of Band Emission IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index SU	**Spurious Emission:30.0~5650 MHz IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index SU**
	
Spurious Emission:5925~25000.0 MHz IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index SU	**Out Of Band Emission IEEE 802.11ax_Channel 157_20MHz_Antenna 1_RU&Index SU**



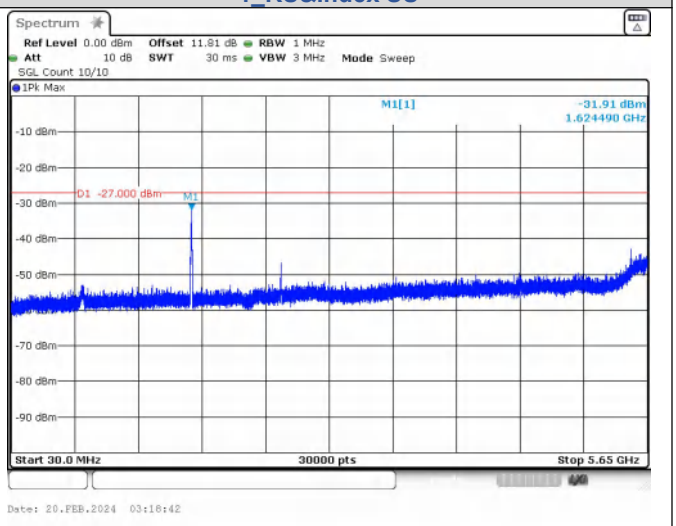
Spurious Emission:30.0~5650 MHz
IEEE 802.11ax_Channel 157_20MHz_Antenna 1_RU&Index SU



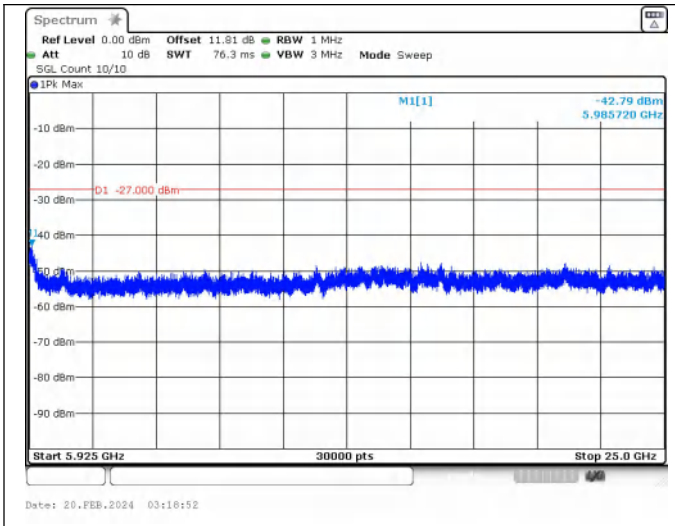
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ax_Channel 157_20MHz_Antenna 1_RU&Index SU



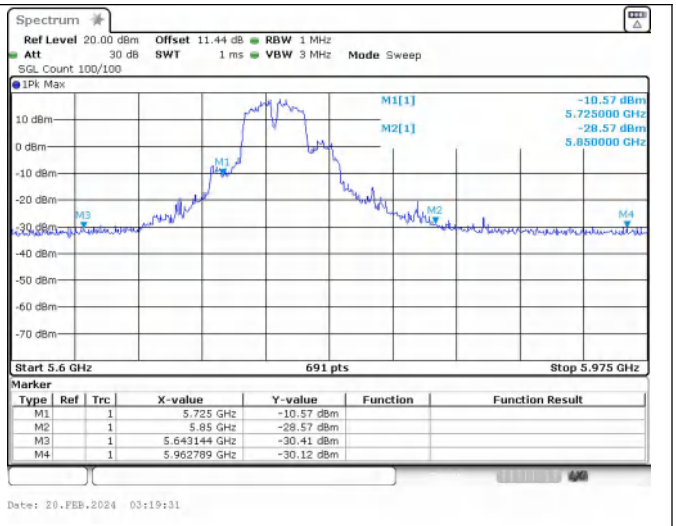
Out Of Band Emission
IEEE 802.11ax_Channel 165_20MHz_Antenna 1_RU&Index SU



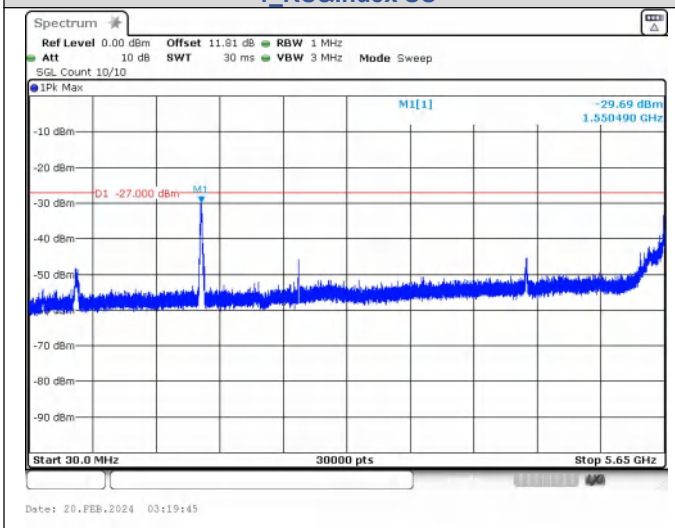
Spurious Emission:30.0~5650 MHz
IEEE 802.11ax_Channel 165_20MHz_Antenna 1_RU&Index SU



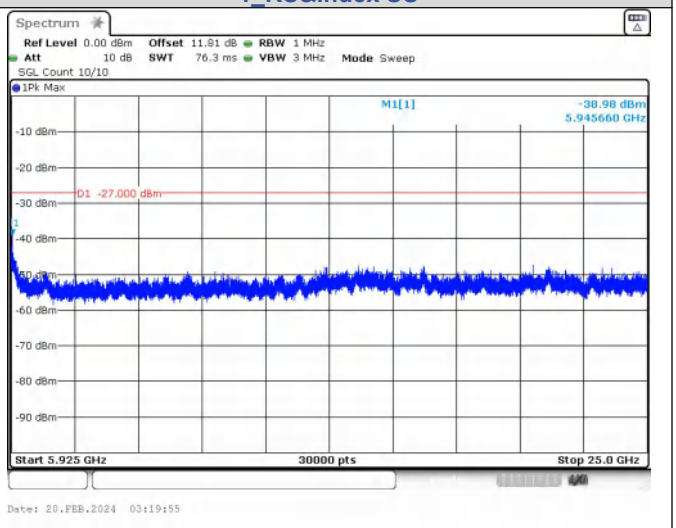
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ax_Channel 165_20MHz_Antenna 1_RU&Index SU



Out Of Band Emission
IEEE 802.11ax_Channel 151_40MHz_Antenna 1_RU&Index SU

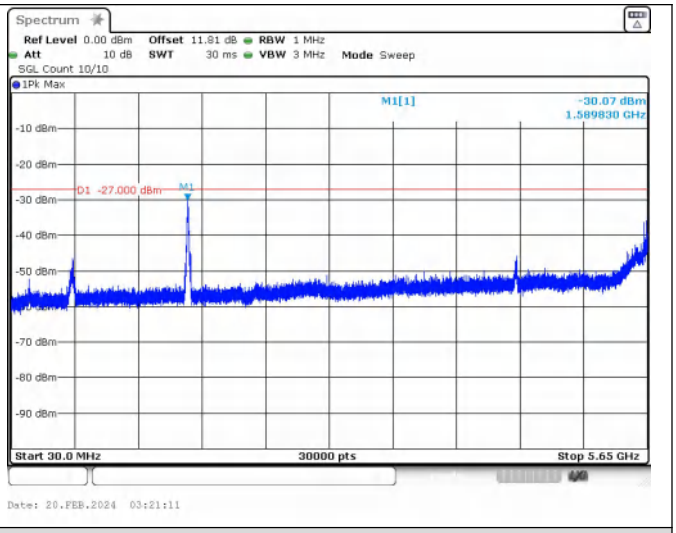


Spurious Emission:30.0~5650 MHz
IEEE 802.11ax_Channel 151_40MHz_Antenna 1_RU&Index SU

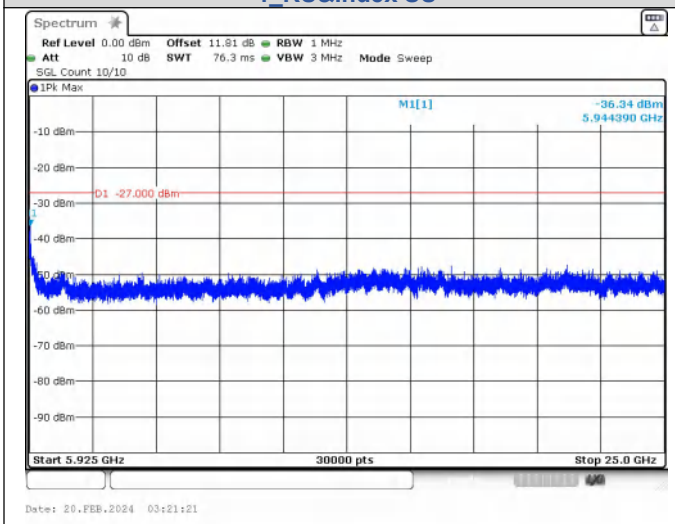


Spurious Emission:5925~25000.0 MHz
IEEE 802.11ax_Channel 151_40MHz_Antenna 1_RU&Index SU

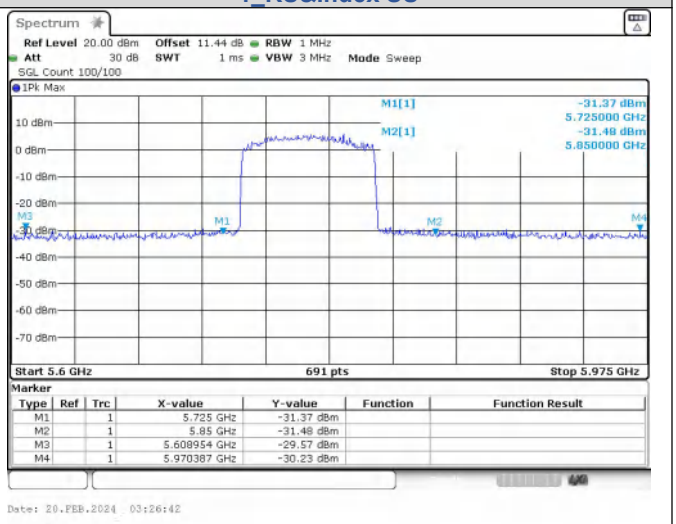
Out Of Band Emission
IEEE 802.11ax_Channel 159_40MHz_Antenna 1_RU&Index SU



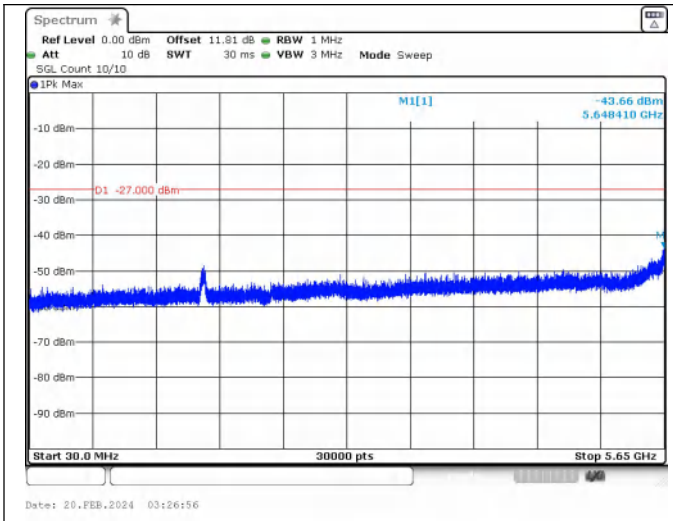
Spurious Emission:30.0~5650 MHz
IEEE 802.11ax_Channel 159_40MHz_Antenna 1_RU&Index SU



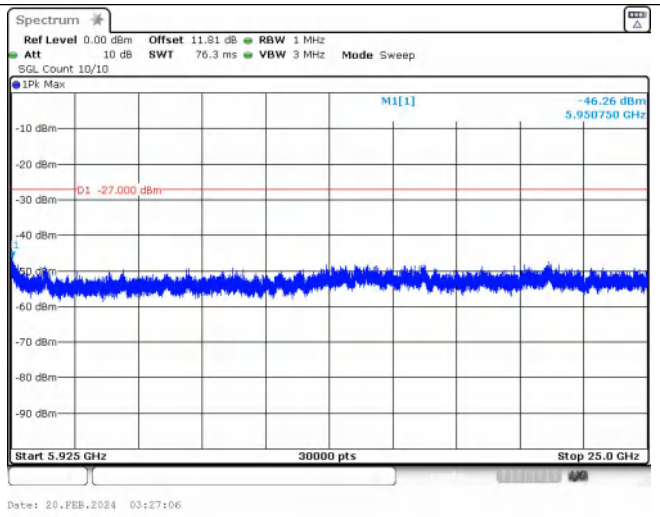
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ax_Channel 159_40MHz_Antenna 1_RU&Index SU



Out Of Band Emission
IEEE 802.11ax_Channel 155_80MHz_Antenna 1_RU&Index SU



Spurious Emission:30.0~5650 MHz
IEEE 802.11ax_Channel 155_80MHz_Antenna 1_RU&Index SU



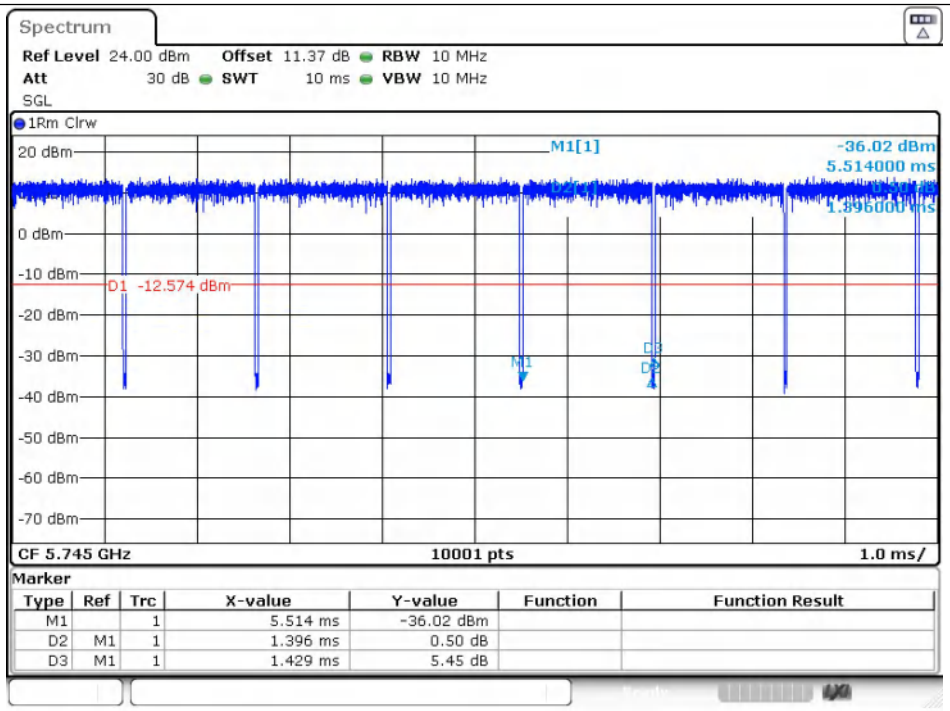
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ax_Channel 155_80MHz_Antenna 1_RU&Index SU

Duty Cycle

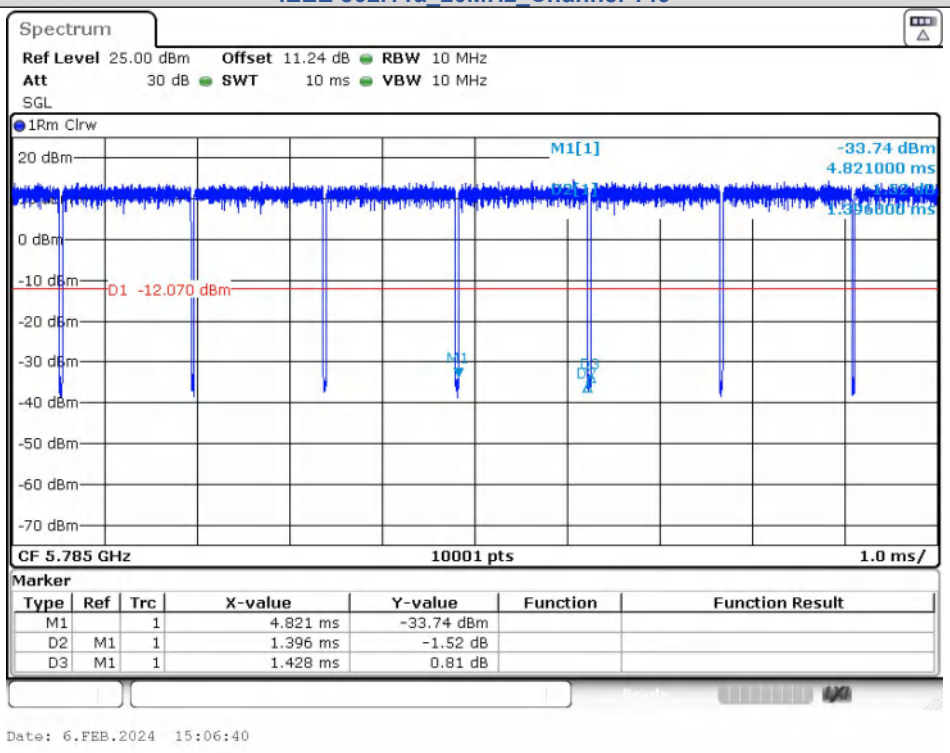
Test Result

Mode	Data rates	Channel	RU & Index	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	6	149	N/A	1	1.396	1.429	97.69	0.9769	0.1015	0.72
		157			1.396	1.428	97.76	0.9776	0.0984	0.72
		165			1.396	1.429	97.69	0.9769	0.1015	0.72
IEEE 802.11n_20	MCS 0	149			1.304	1.337	97.53	0.9753	0.1086	0.77
		157			1.293	1.327	97.44	0.9744	0.1126	0.77
		165			1.293	1.326	97.49	0.9749	0.1104	0.77
IEEE 802.11n_40		151			0.650	0.684	95.12	0.9512	0.2173	1.54
		159			0.650	0.684	95.06	0.9506	0.22	1.54
IEEE 802.11ac_20		149			1.305	1.338	97.51	0.9751	0.1095	0.77
		157			1.304	1.338	97.46	0.9746	0.1117	0.77
		165			1.316	1.349	97.55	0.9755	0.1077	0.76
IEEE 802.11ac_40		151			0.654	0.688	95.09	0.9509	0.2187	1.53
		159			0.654	0.688	95.09	0.9509	0.2187	1.53
IEEE 802.11ac_80		155			0.325	0.359	90.53	0.9053	0.4321	3.08
IEEE 802.11ax_20		149	SU		5.049	5.099	99.03	0.9903	0.0423	0.20
		157			5.049	5.098	99.03	0.9903	0.0423	0.20
		165			5.049	5.101	98.99	0.9899	0.0441	0.20
IEEE 802.11ax_40		151			5.049	5.098	99.03	0.9903	0.0423	0.20
		159			5.049	5.098	99.03	0.9903	0.0423	0.20
IEEE 802.11ax_80		155			5.049	5.098	99.03	0.9903	0.0423	0.20

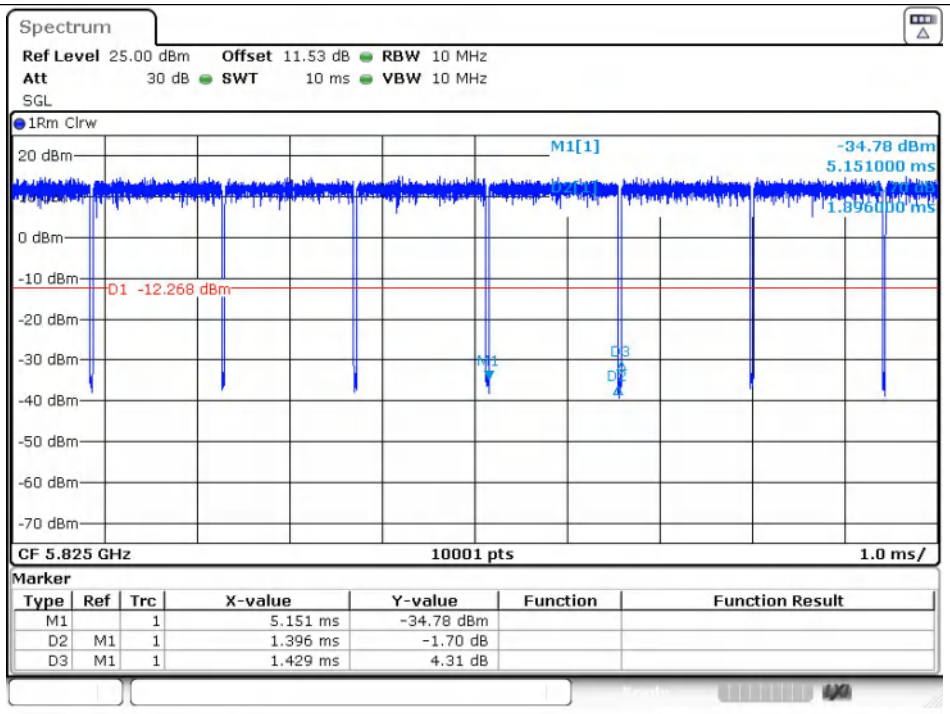
Test Graphs



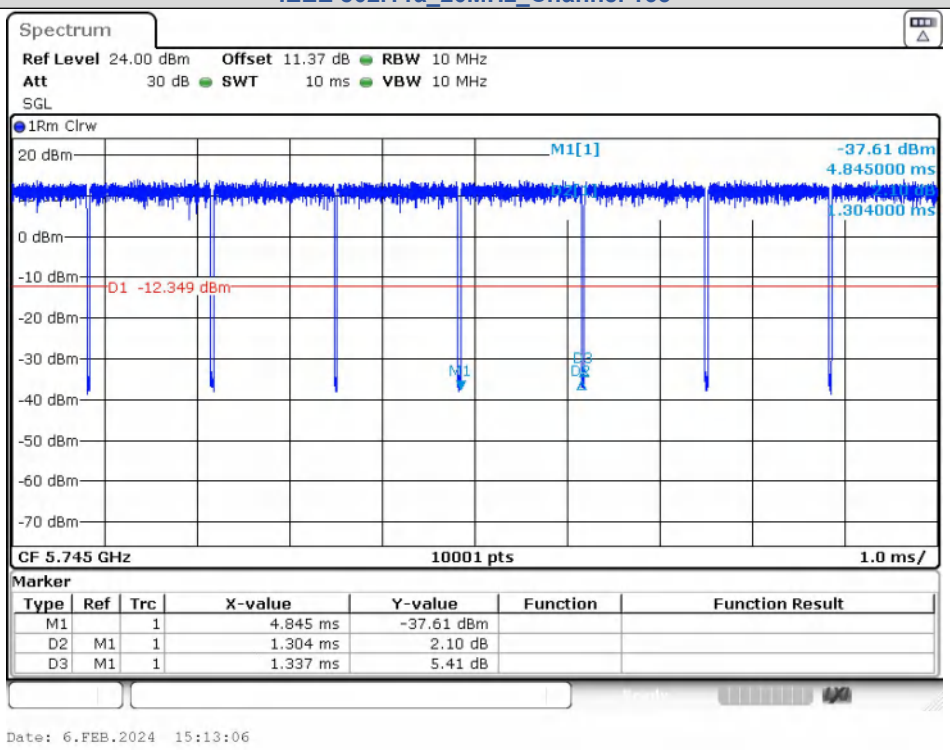
IEEE 802.11a_20MHz_Channel 149



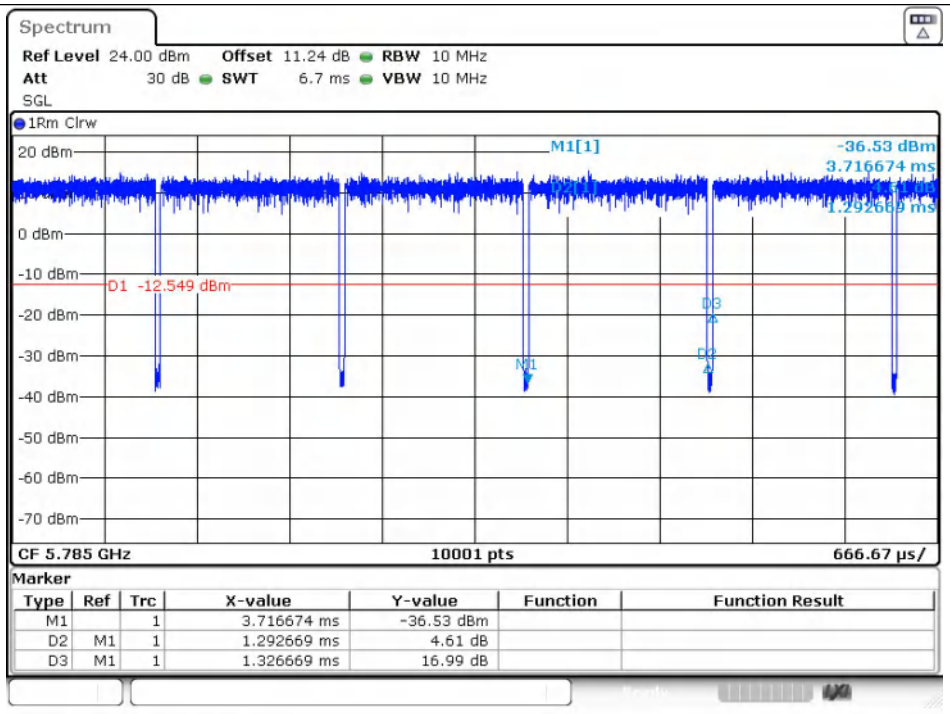
IEEE 802.11a_20MHz_Channel 157



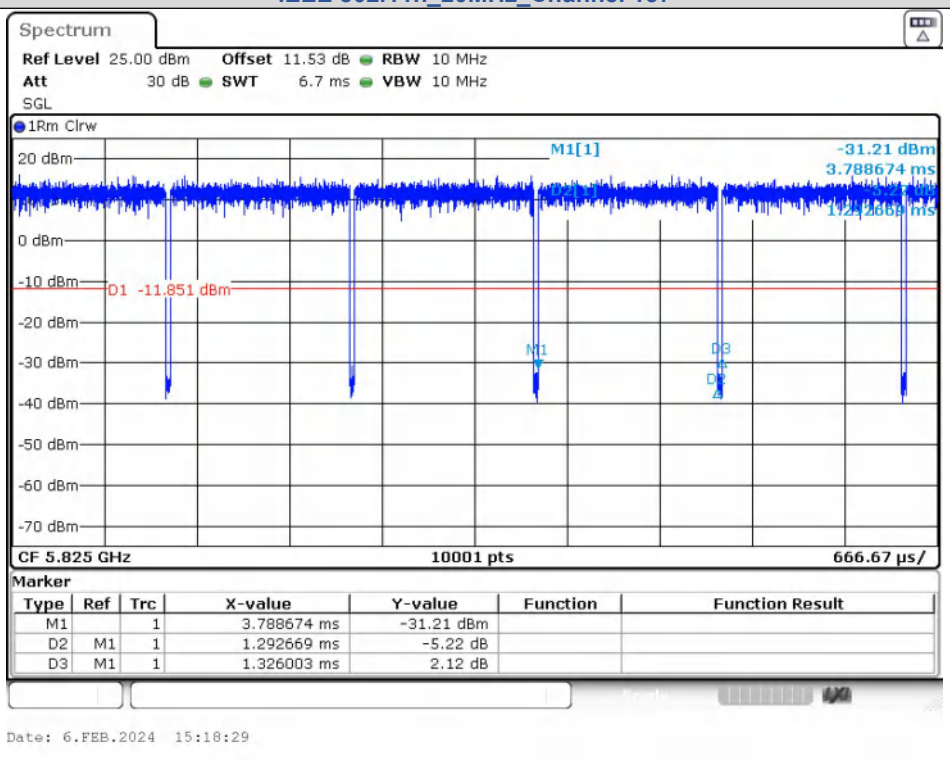
IEEE 802.11a_20MHz_Channel 165



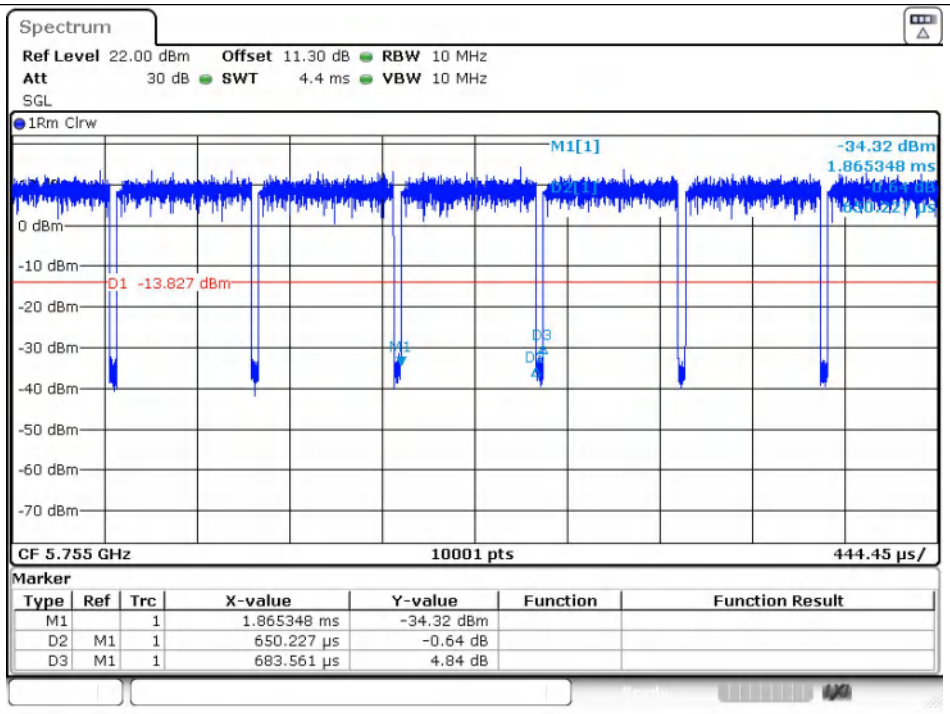
IEEE 802.11n_20MHz_Channel 149



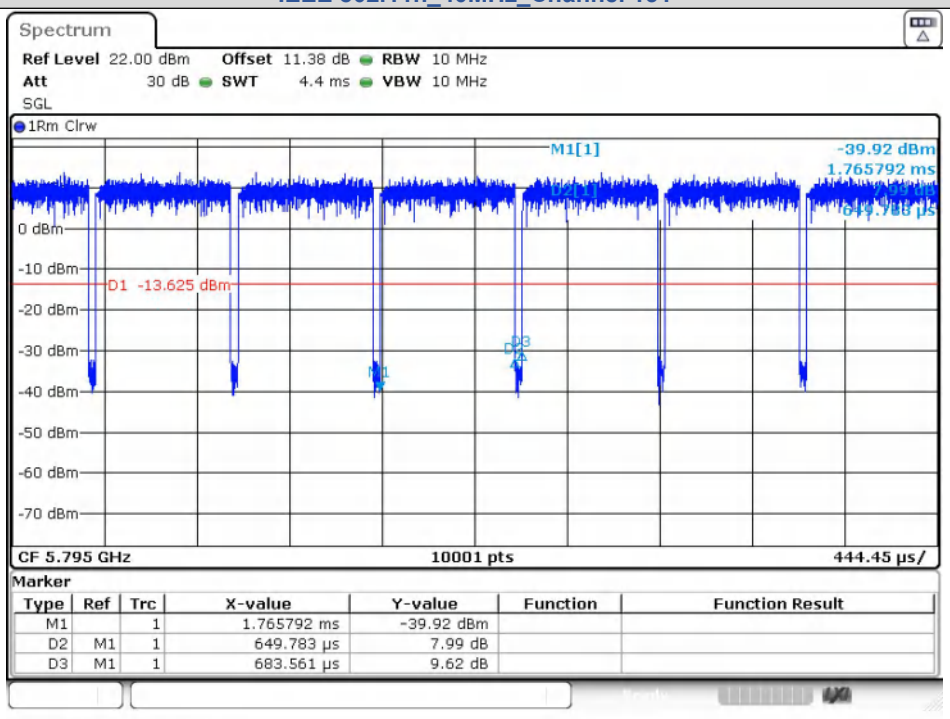
IEEE 802.11n_20MHz_Channel 157



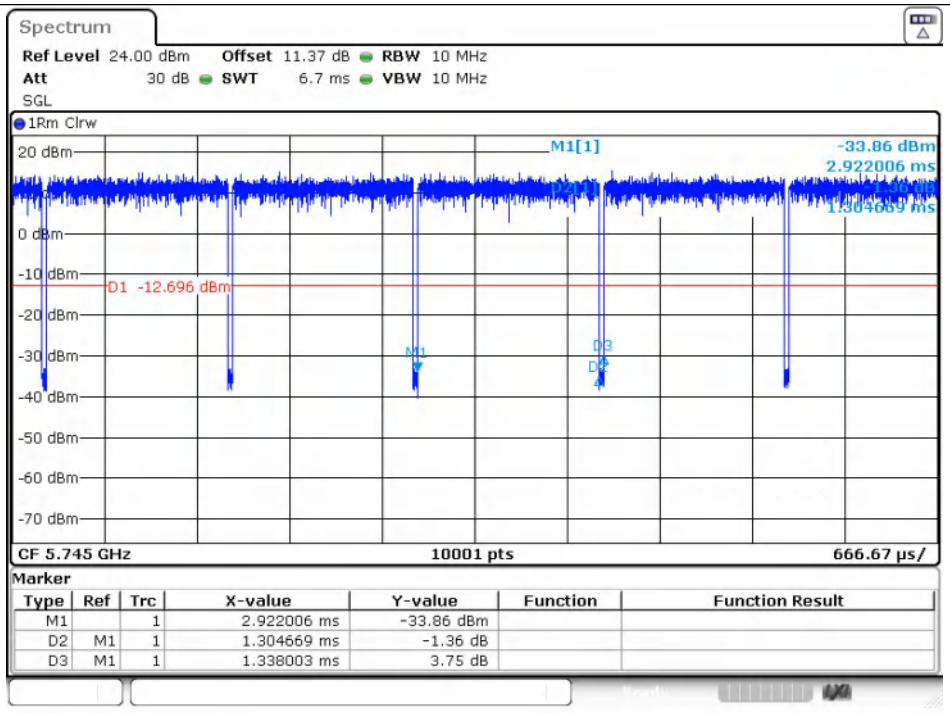
IEEE 802.11n_20MHz_Channel 165



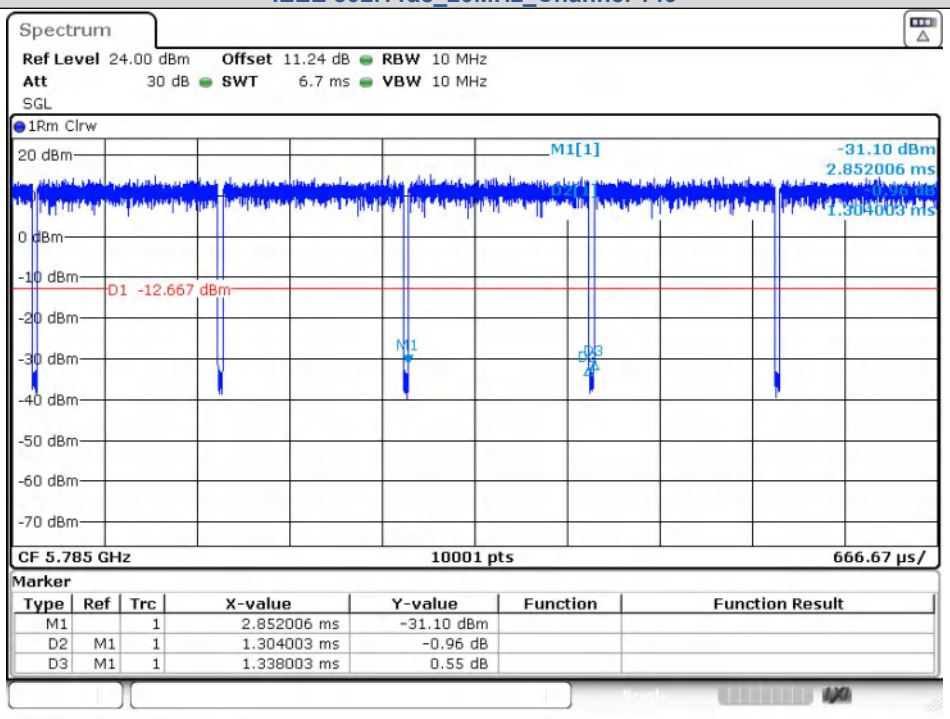
IEEE 802.11n_40MHz_Channel 151



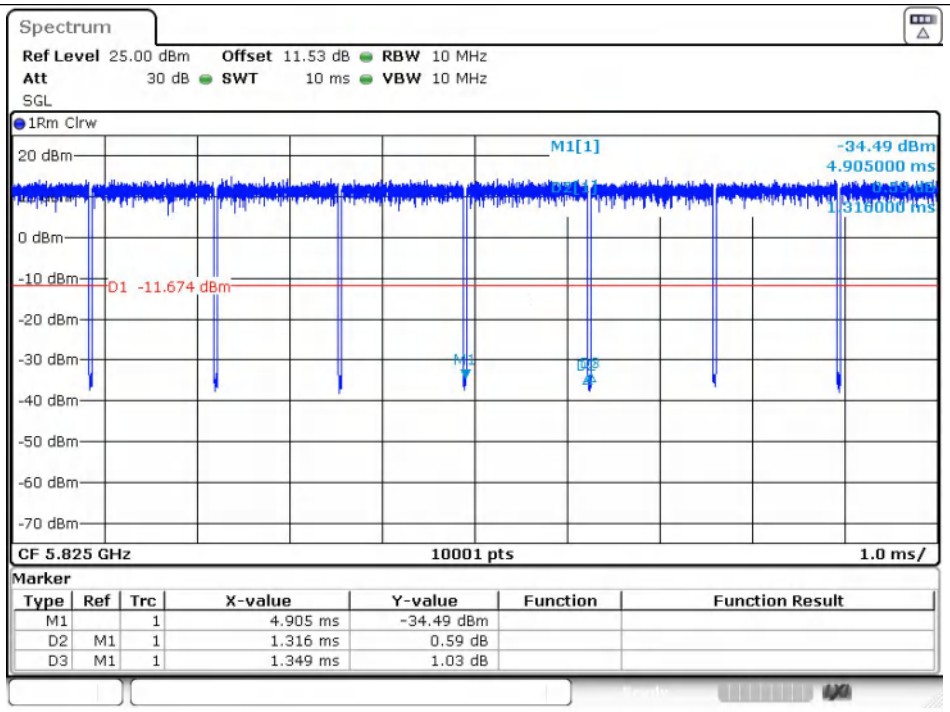
IEEE 802.11n_40MHz_Channel 159



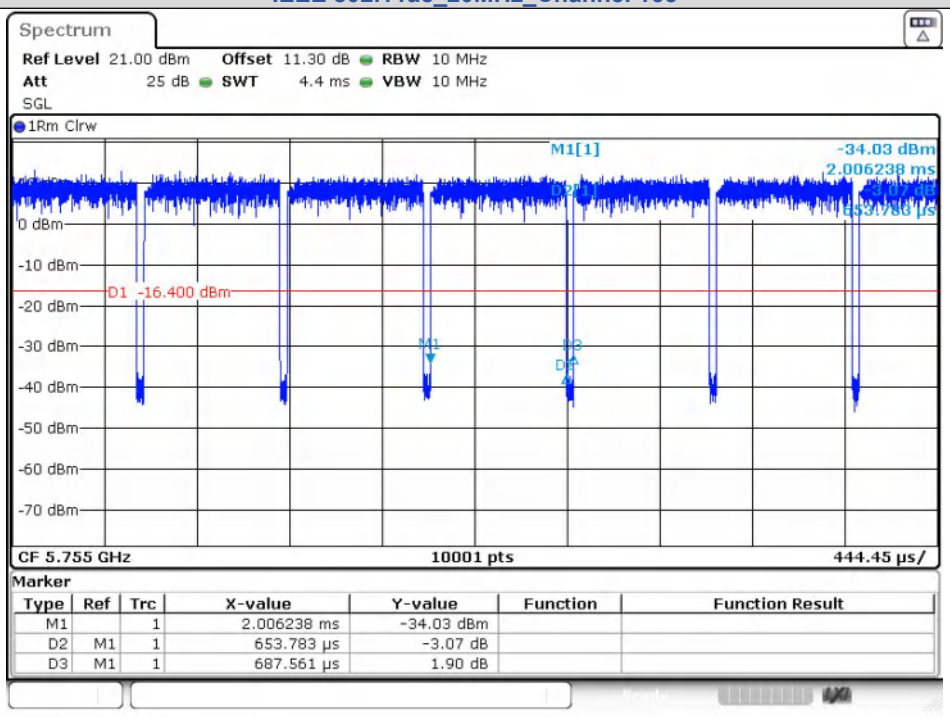
IEEE 802.11ac_20MHz_Channel 149



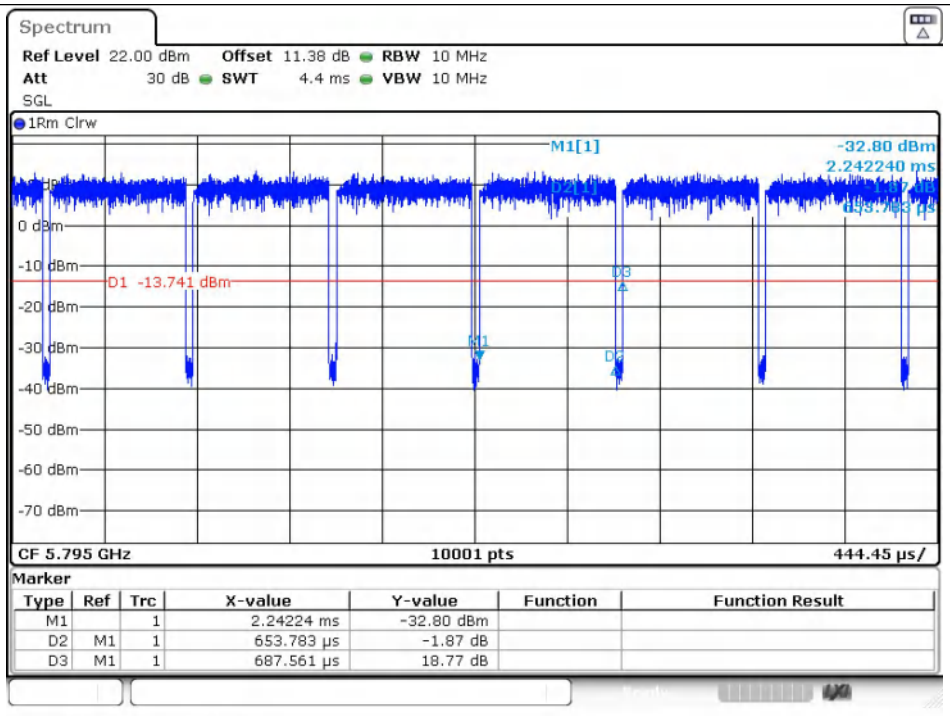
IEEE 802.11ac_20MHz_Channel 157



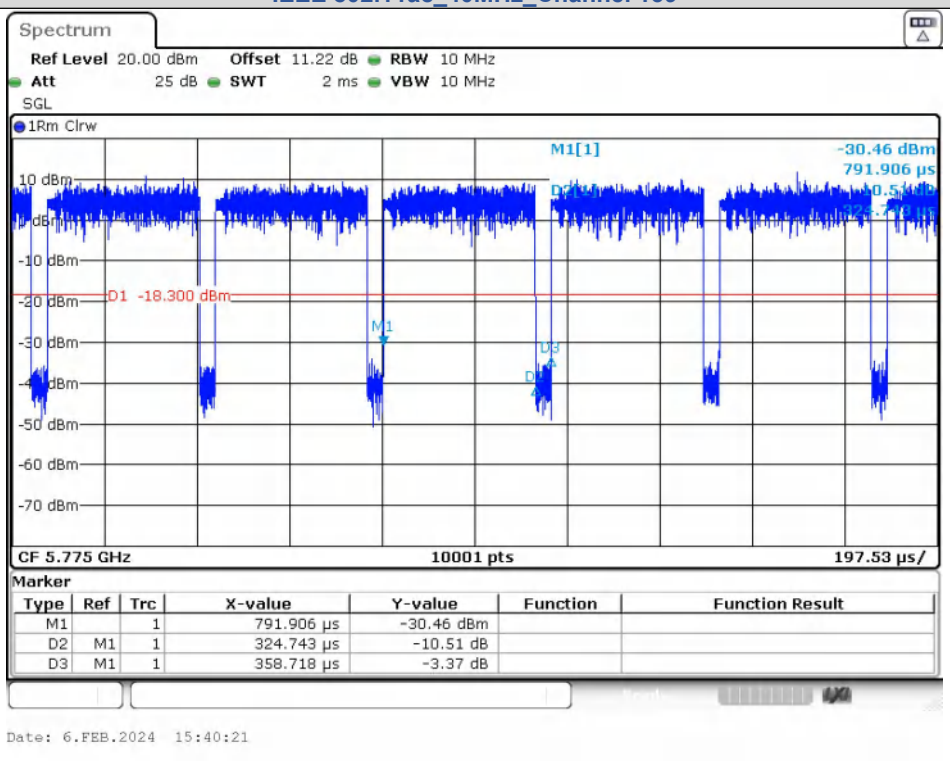
IEEE 802.11ac_20MHz_Channel 165



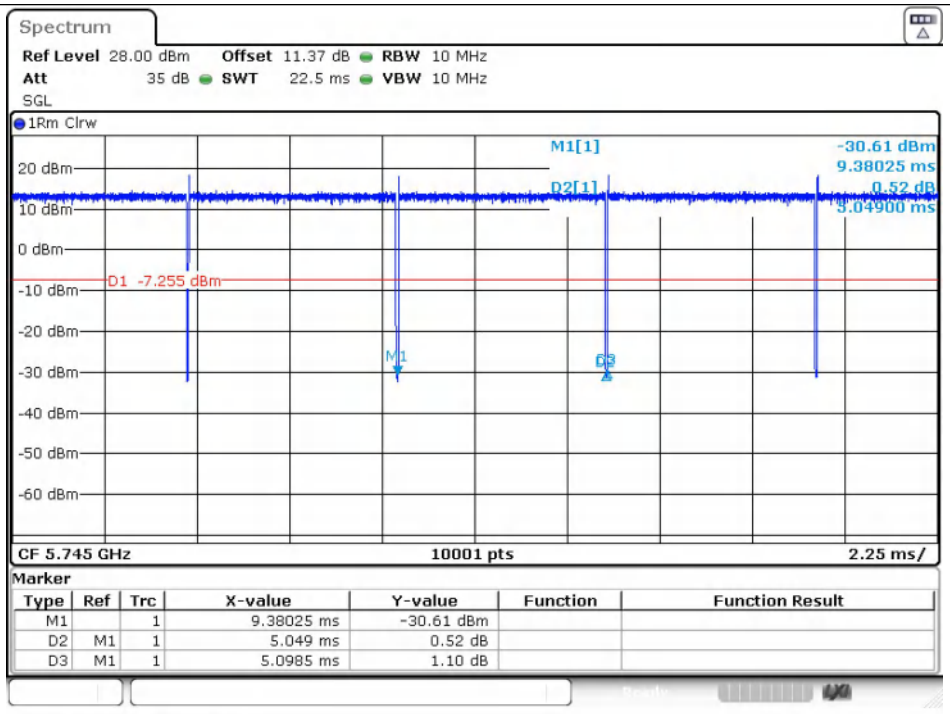
IEEE 802.11ac_40MHz_Channel 151



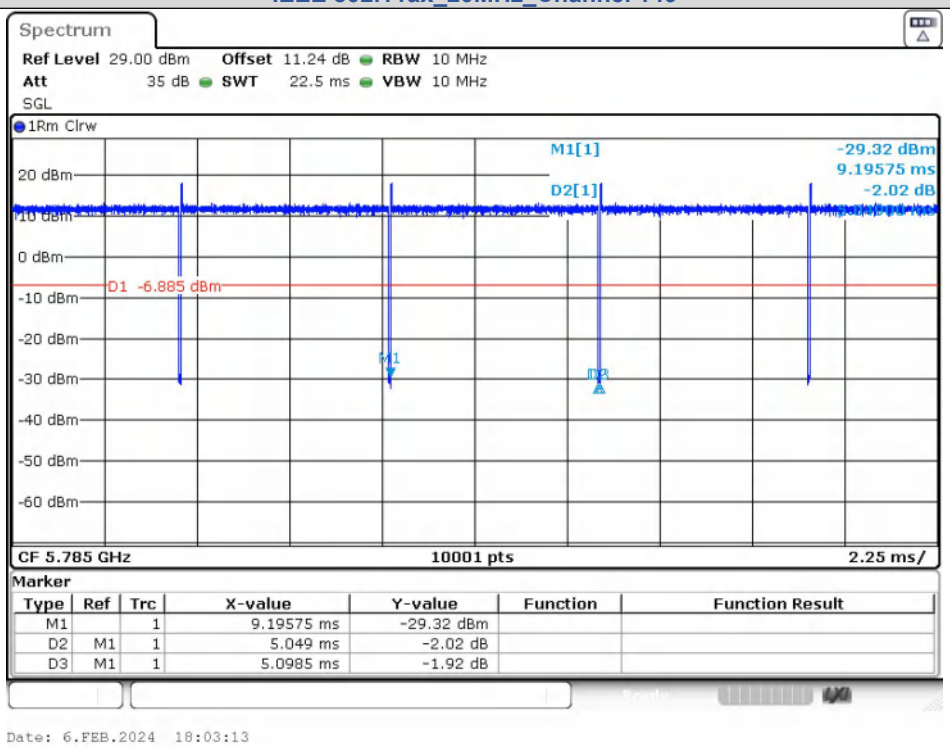
IEEE 802.11ac_40MHz_Channel 159



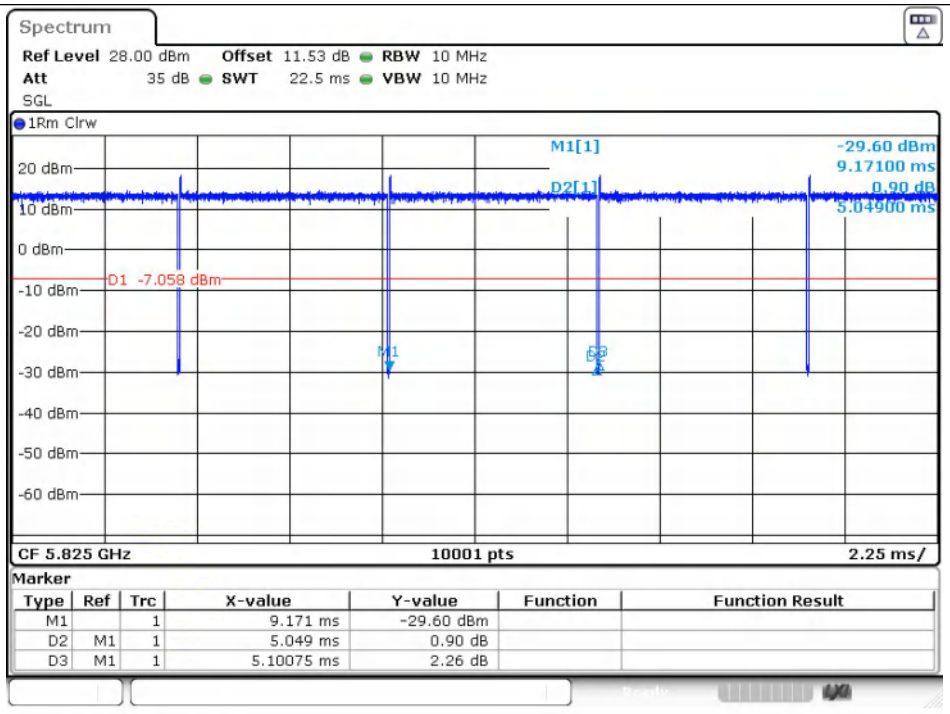
IEEE 802.11ac_80MHz_Channel 155



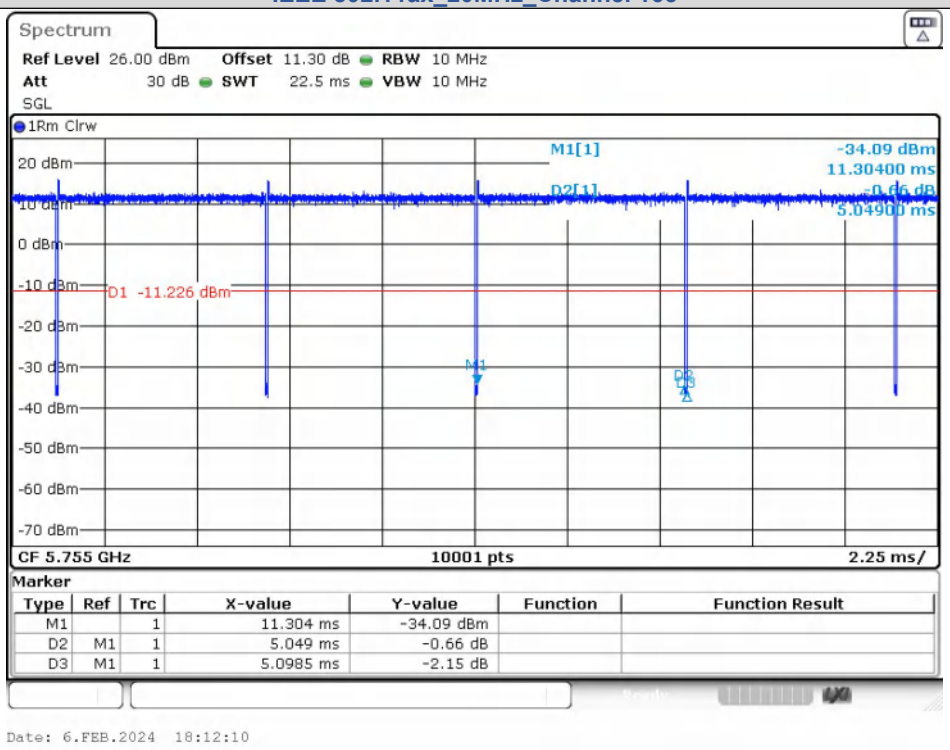
IEEE 802.11ax_20MHz_Channel 149



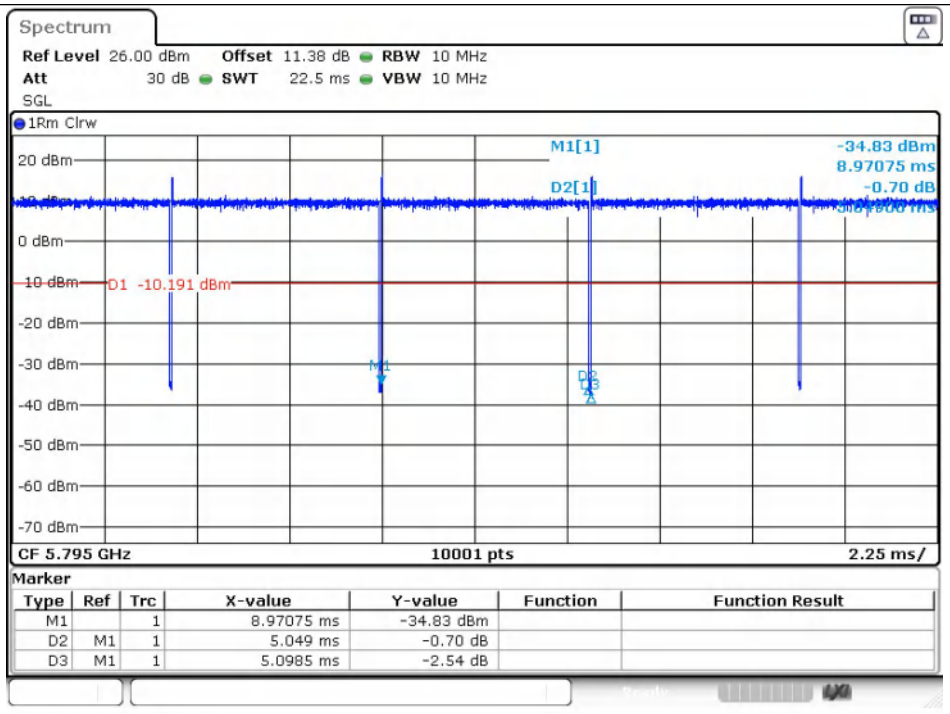
IEEE 802.11ax_20MHz_Channel 157



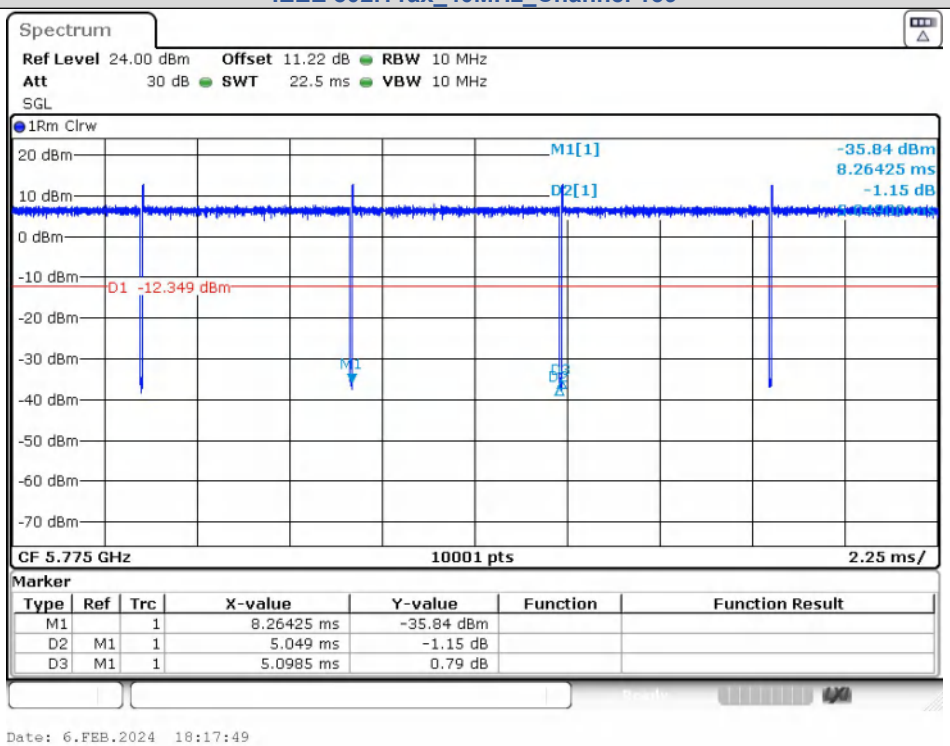
IEEE 802.11ax_20MHz_Channel 165



IEEE 802.11ax_40MHz_Channel 151



IEEE 802.11ax_40MHz_Channel 159



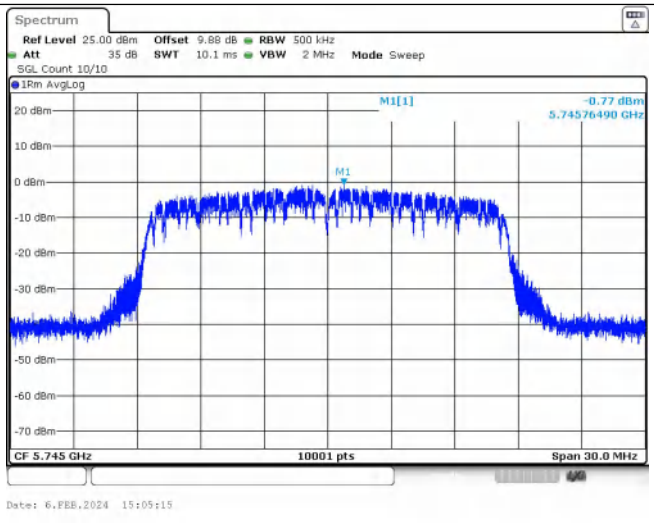
IEEE 802.11ax_80MHz_Channel 155

Peak Power Spectral Density

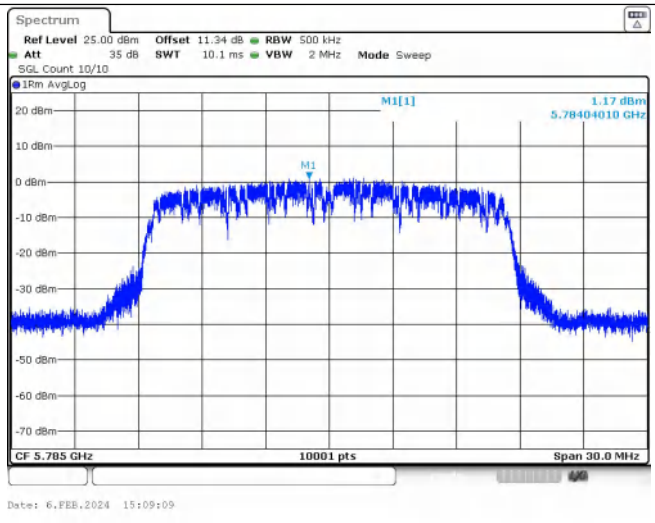
Test Result

Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	149	N/A	-0.774	-0.672	11	PASS
	157		1.170	1.271		PASS
	165		-0.744	-0.642		PASS
IEEE 802.11n_20	149		-0.449	-0.339		PASS
	157		0.832	0.942		PASS
	165		-0.768	-0.657		PASS
IEEE 802.11n_40	151		-1.659	-1.439		PASS
	159		-1.917	-1.698		PASS
IEEE 802.11ac_20	149		-0.570	-0.462		PASS
	157		0.780	0.887		PASS
	165		-1.025	-0.918		PASS
IEEE 802.11ac_40	151		-2.057	-1.838		PASS
	159		-1.760	-1.541		PASS
IEEE 802.11ac_80	155		-6.430	-5.997		PASS
IEEE 802.11ax_20	149	SU	1.587	1.632		PASS
	157		1.854	1.898		PASS
	165		0.527	0.571		PASS
IEEE 802.11ax_40	151		1.883	1.926		PASS
	159		0.264	0.306		PASS
IEEE 802.11ax_80	155		-4.173	-4.131		PASS

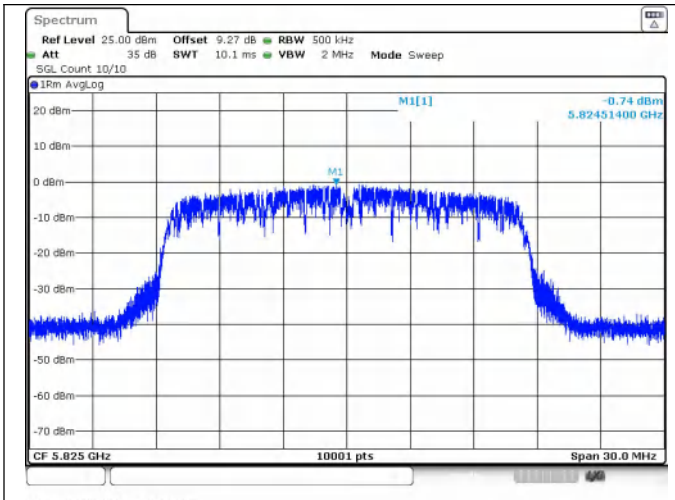
Test Graphs



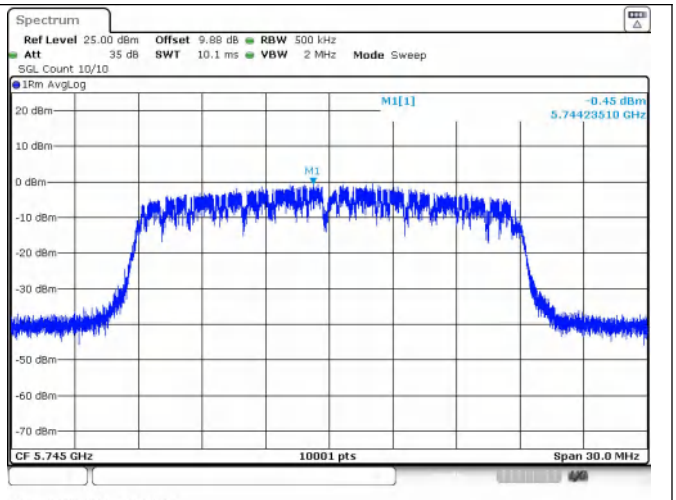
IEEE 802.11a_Channel 149_20MHz_Antenna 1



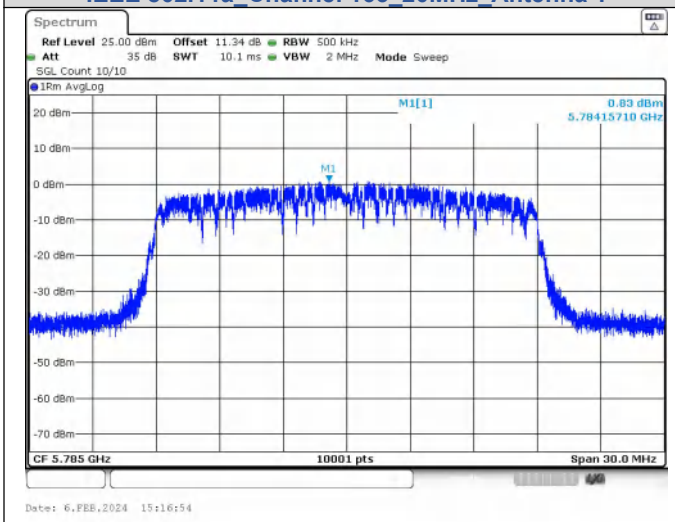
IEEE 802.11a_Channel 157_20MHz_Antenna 1



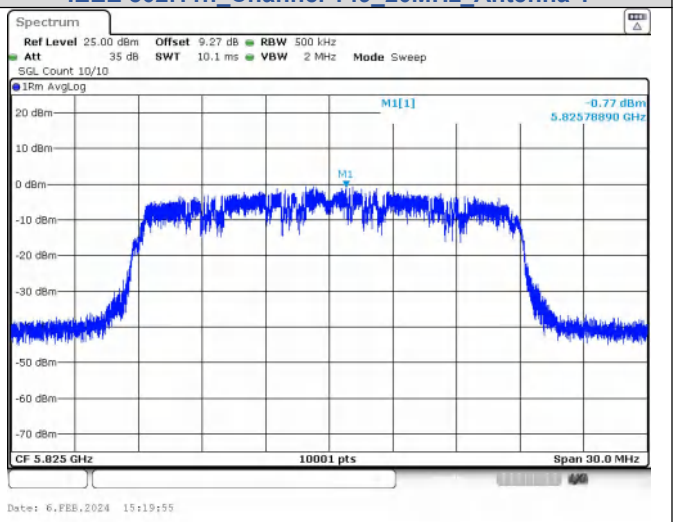
IEEE 802.11a_Channel 165_20MHz_Antenna 1



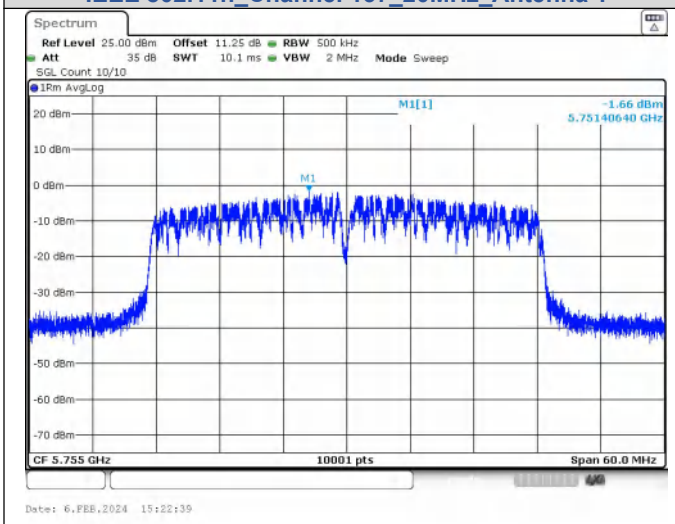
IEEE 802.11n_Channel 149_20MHz_Antenna 1



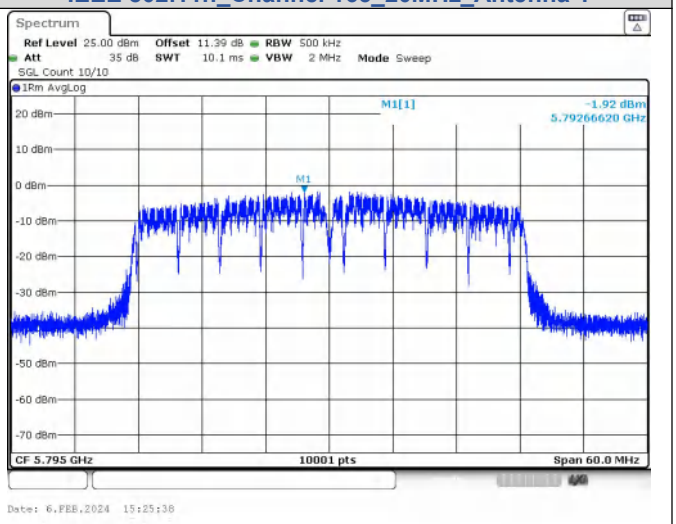
IEEE 802.11n_Channel 157_20MHz_Antenna 1



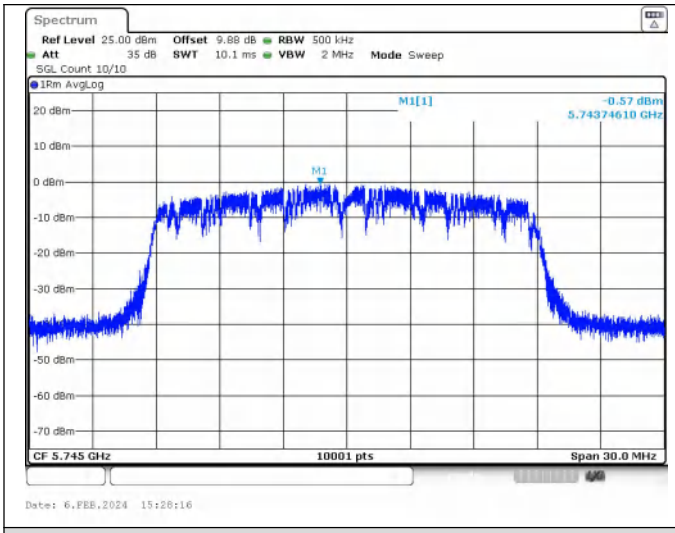
IEEE 802.11n_Channel 165_20MHz_Antenna 1



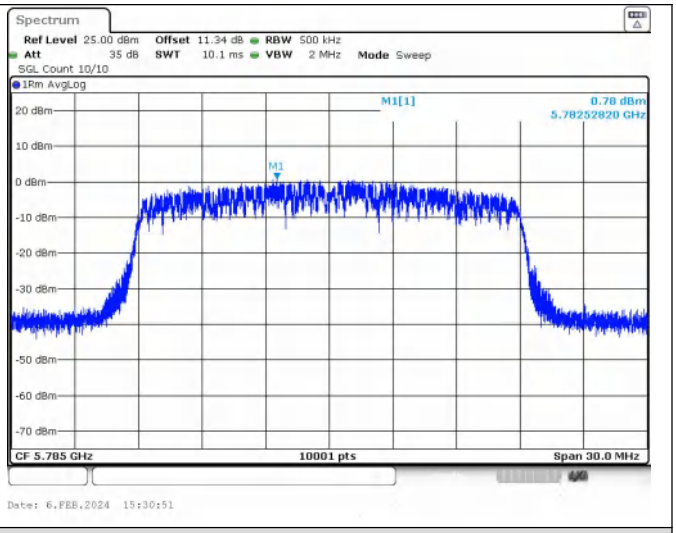
IEEE 802.11n_Channel 151_40MHz_Antenna 1



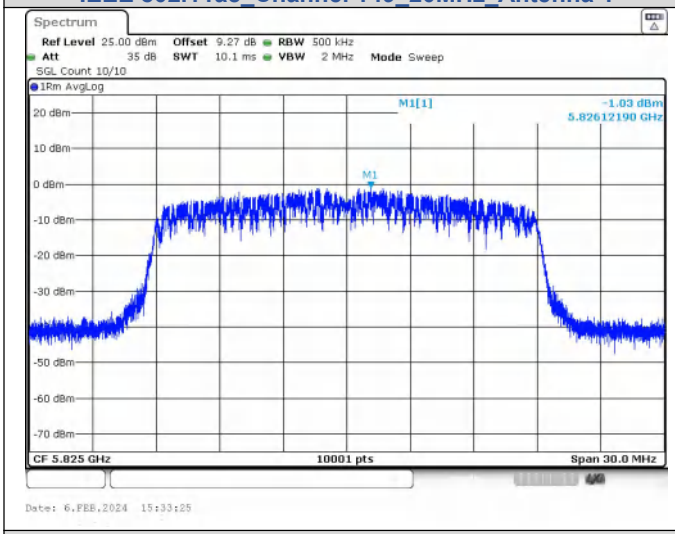
IEEE 802.11n_Channel 159_40MHz_Antenna 1



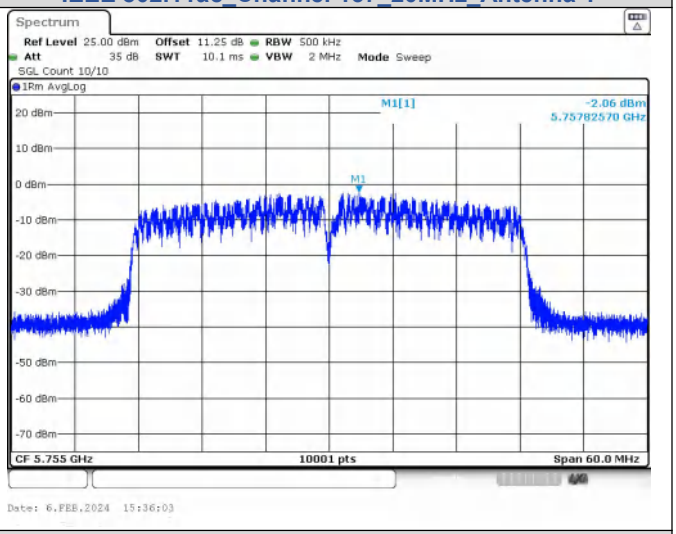
IEEE 802.11ac_Channel 149_20MHz_Antenna 1



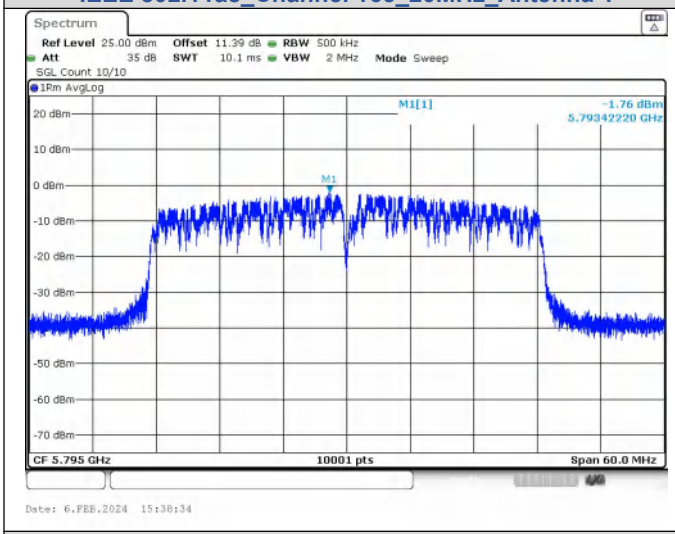
IEEE 802.11ac_Channel 157_20MHz_Antenna 1



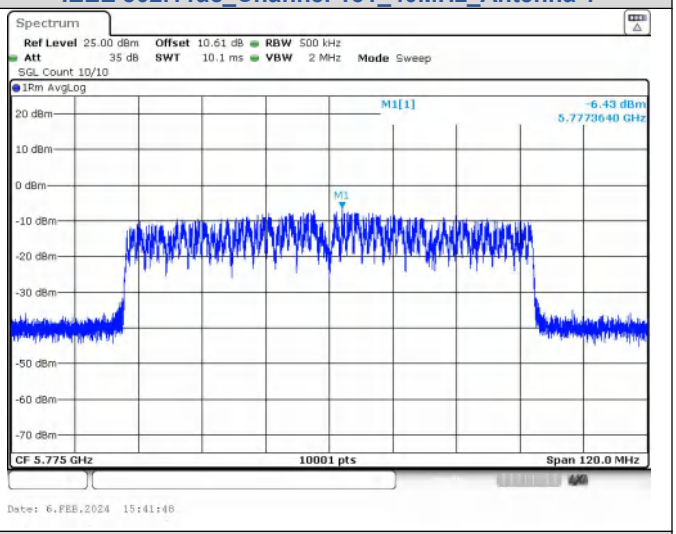
IEEE 802.11ac_Channel 165_20MHz_Antenna 1



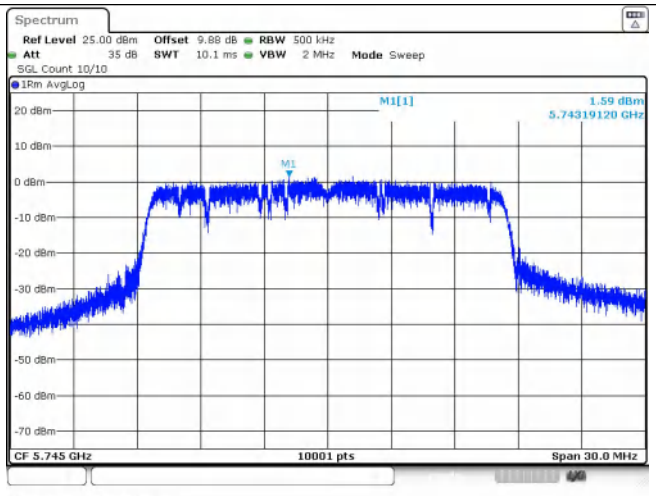
IEEE 802.11ac_Channel 151_40MHz_Antenna 1



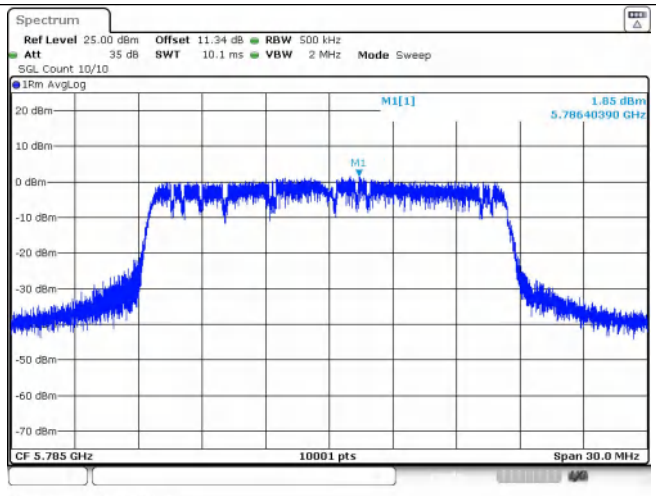
IEEE 802.11ac_Channel 159_40MHz_Antenna 1



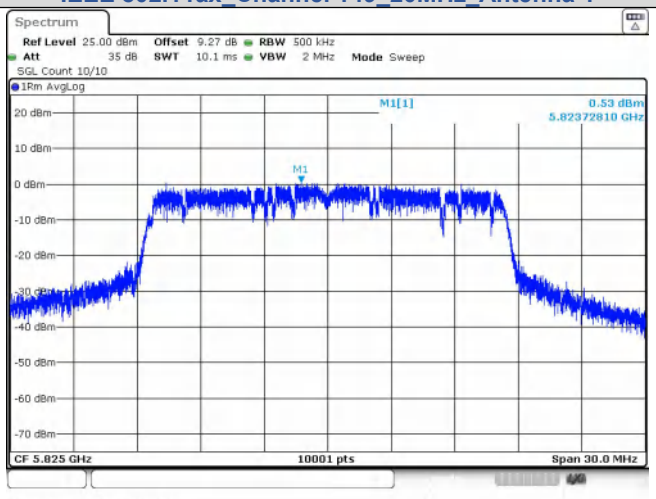
IEEE 802.11ac_Channel 155_80MHz_Antenna 1



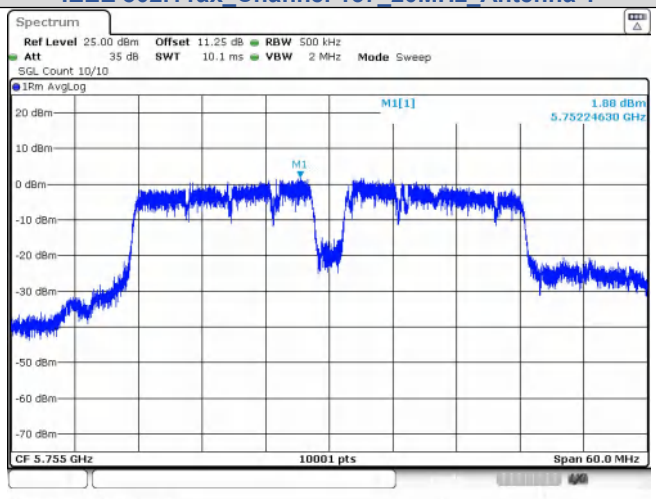
IEEE 802.11ax_Channel 149_20MHz_Antenna 1



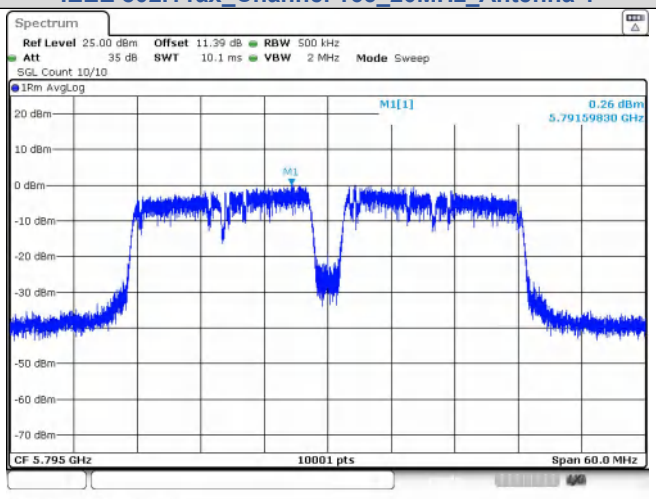
IEEE 802.11ax_Channel 157_20MHz_Antenna 1



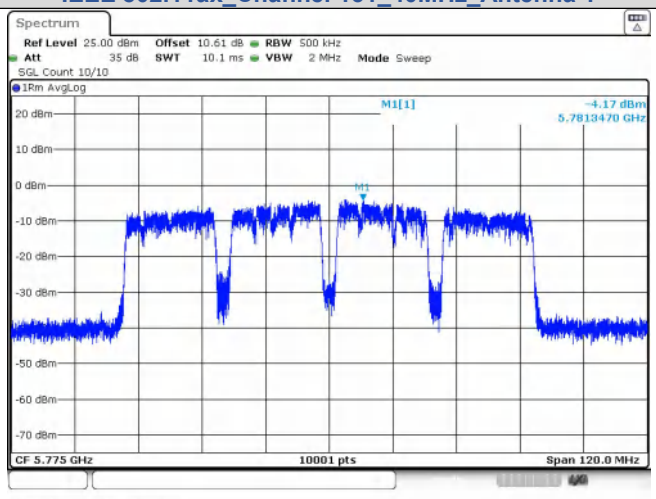
IEEE 802.11ax_Channel 165_20MHz_Antenna 1



IEEE 802.11ax_Channel 151_40MHz_Antenna 1



IEEE 802.11ax_Channel 159_40MHz_Antenna 1



IEEE 802.11ax_Channel 155_80MHz_Antenna 1