

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(Degree)	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(Degree)	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

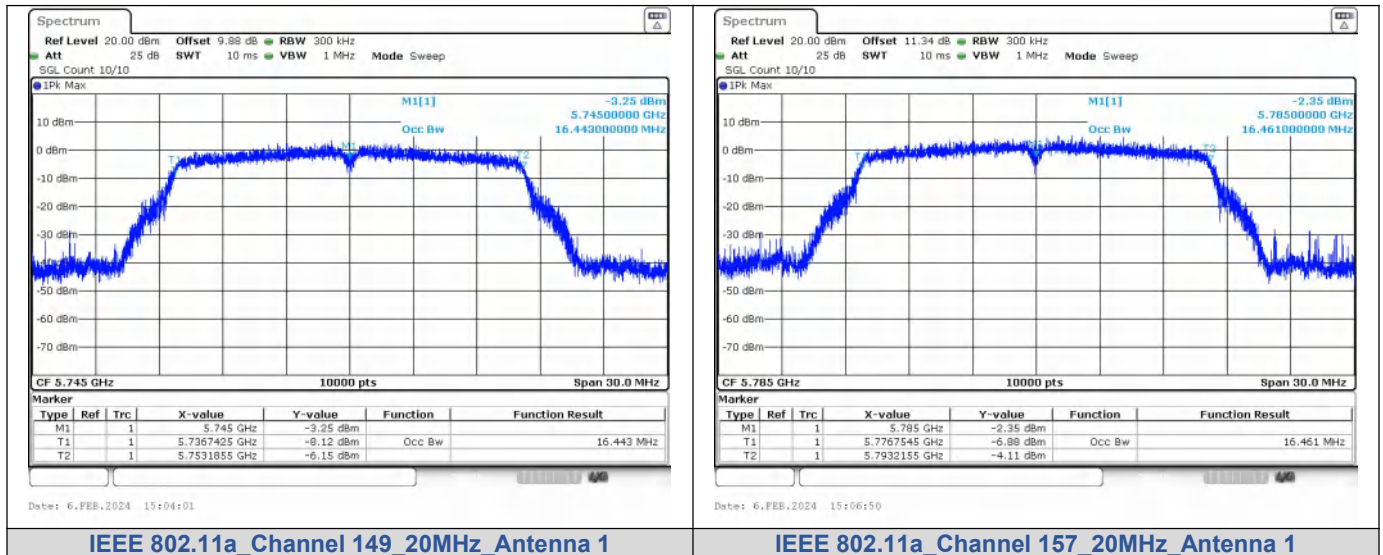
Mode	Channel	Power(dBm)	Limit(dBm)	Result
IEEE 802.11a	149	11.34	30	PASS
	157	11.86	30	PASS
	165	12.48	30	PASS
IEEE 802.11n_20	149	11.75	30	PASS
	157	11.83	30	PASS
	165	12.33	30	PASS
IEEE 802.11n_40	151	11.51	30	PASS
	159	11.82	30	PASS
IEEE 802.11ac_20	149	11.78	30	PASS
	157	11.6	30	PASS
	165	12.12	30	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

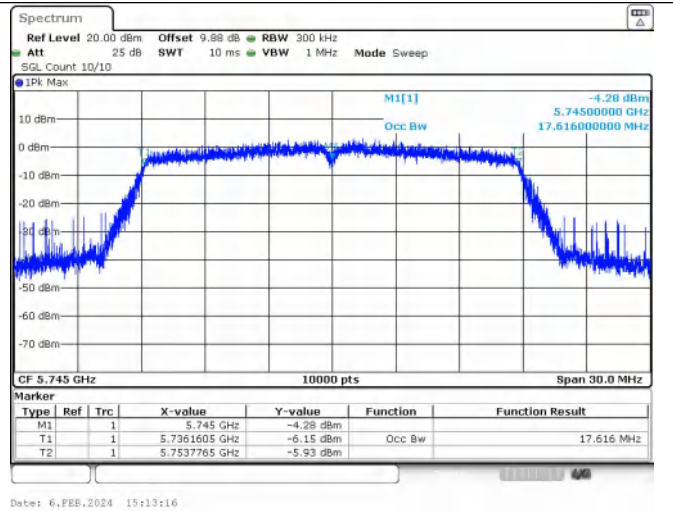
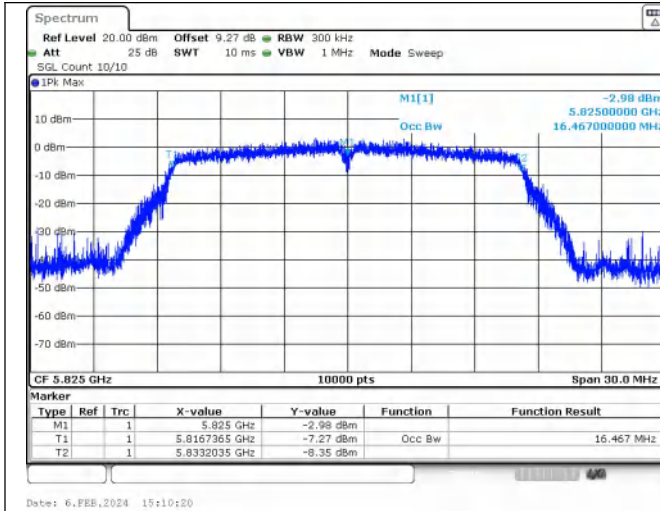
99% Bandwidth

Test Result

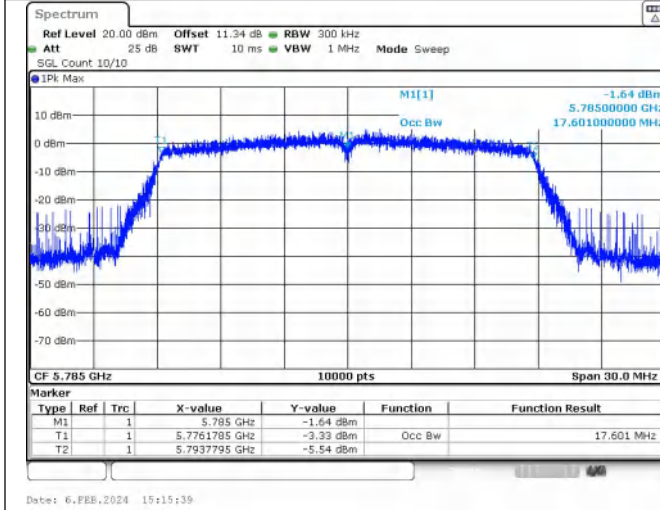
Mode	Channel	RU & Index	Ant.	99% BW (MHz)
IEEE 802.11a	149	N/A	1	16.440
	157			16.460
	165			16.470
IEEE 802.11n_20	149			17.620
	157			17.600
	165			17.600
IEEE 802.11n_40	151			35.950
	159			35.930
IEEE 802.11ac_20	149			17.580
	157			17.590
	165			17.580
IEEE 802.11ac_40	151			35.950
	159			35.910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

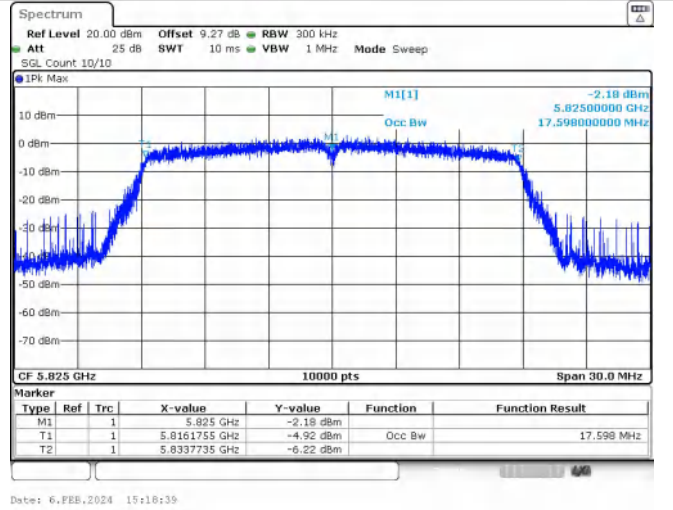




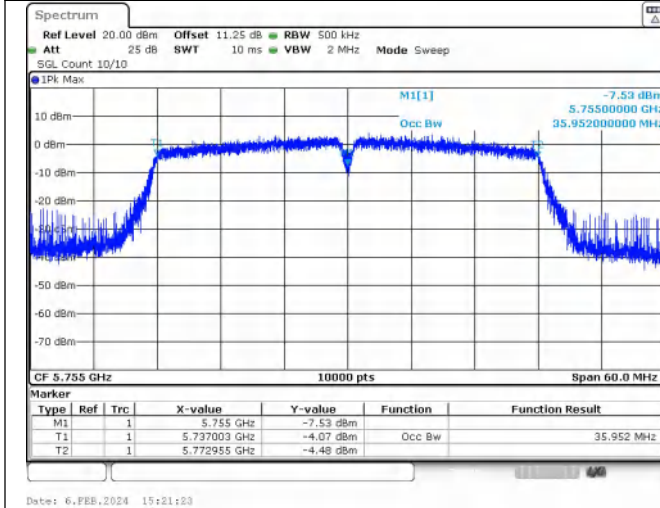
IEEE 802.11a_Channel 165_20MHz_Antenna 1



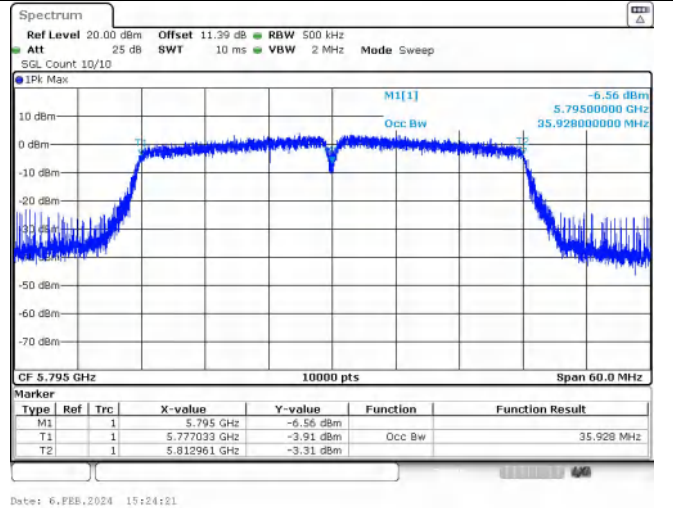
IEEE 802.11n_Channel 149_20MHz_Antenna 1



IEEE 802.11n_Channel 157_20MHz_Antenna 1

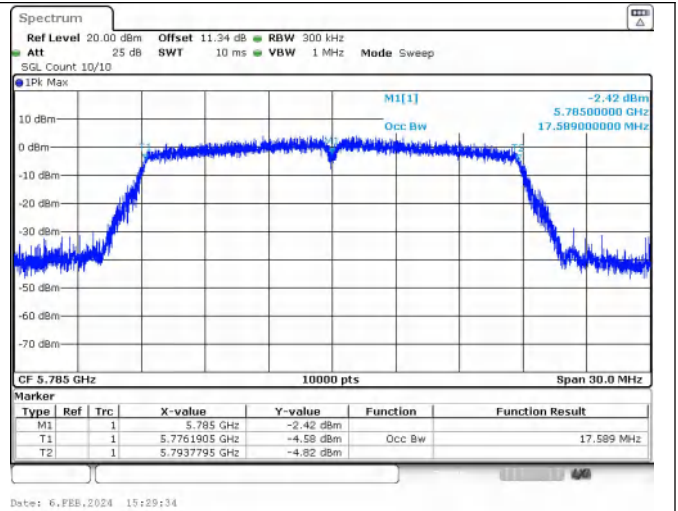
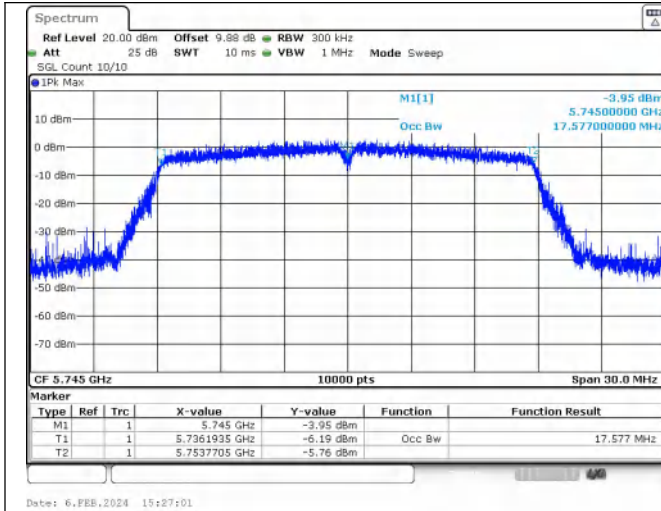


IEEE 802.11n_Channel 165_20MHz_Antenna 1



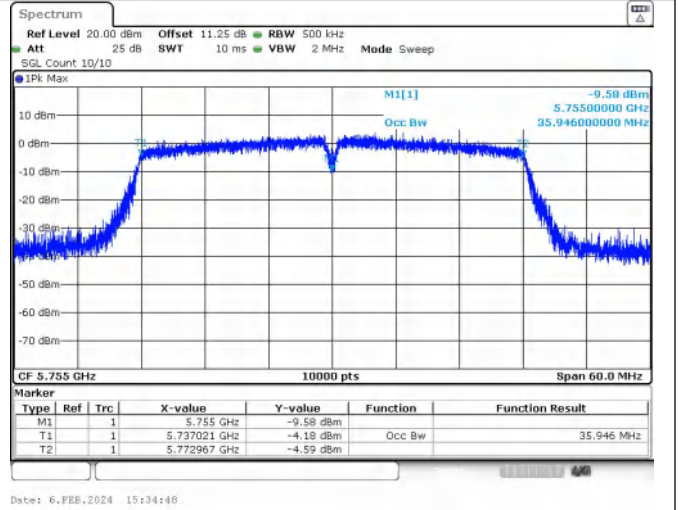
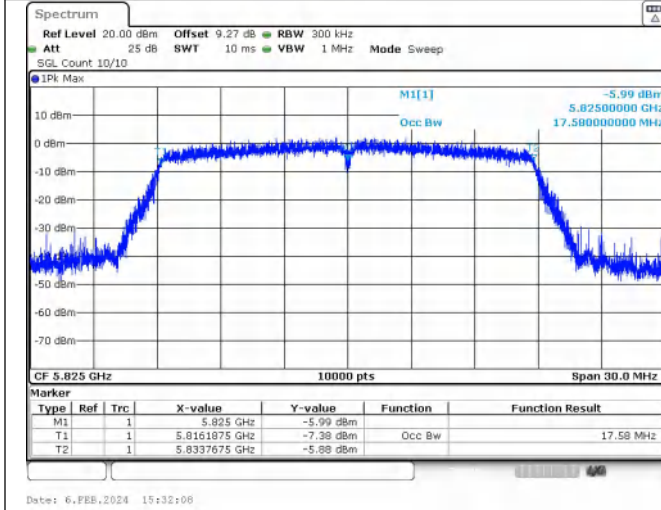
IEEE 802.11n_Channel 151_40MHz_Antenna 1

IEEE 802.11n_Channel 159_40MHz_Antenna 1



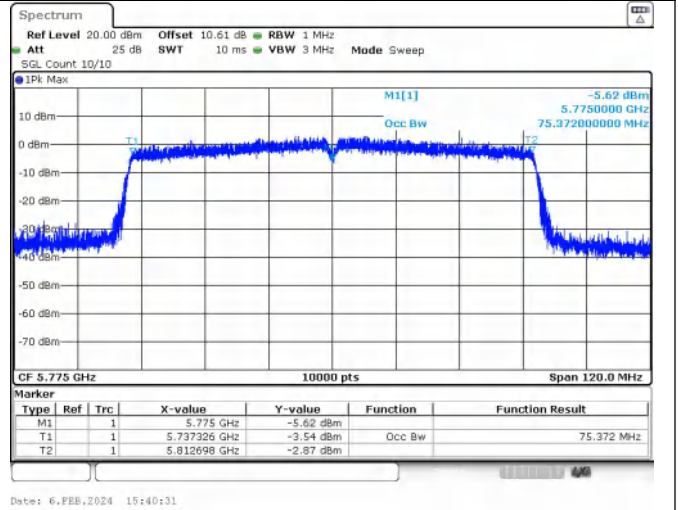
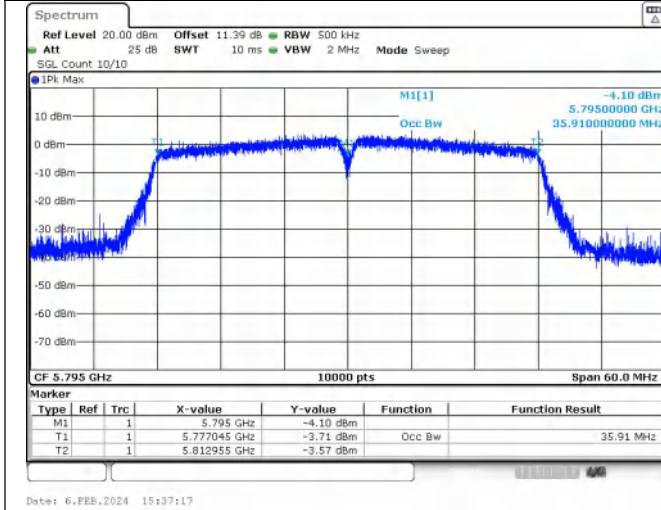
IEEE 802.11ac_Channel 149_20MHz_Antenna 1

IEEE 802.11ac_Channel 157_20MHz_Antenna 1



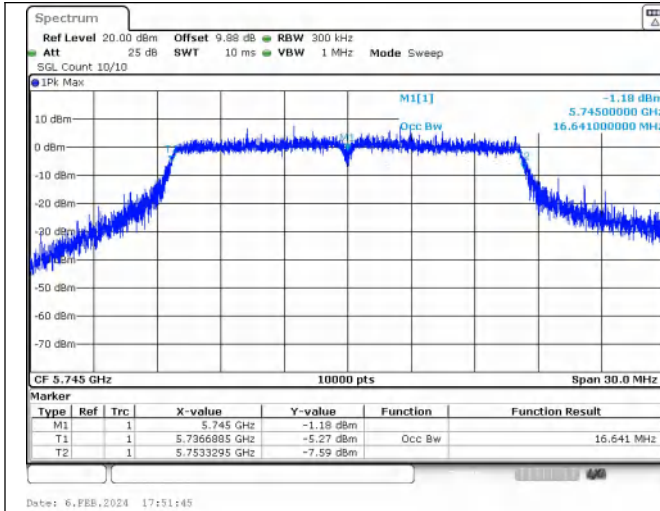
IEEE 802.11ac_Channel 165_20MHz_Antenna 1

IEEE 802.11ac_Channel 151_40MHz_Antenna 1

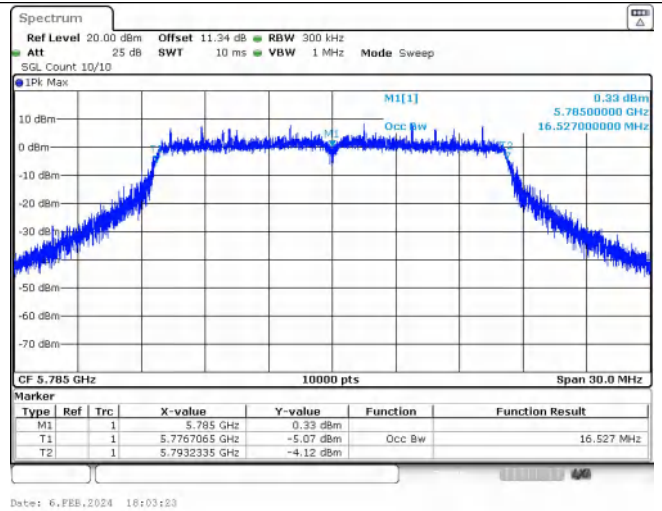


IEEE 802.11ac_Channel 159_40MHz_Antenna 1

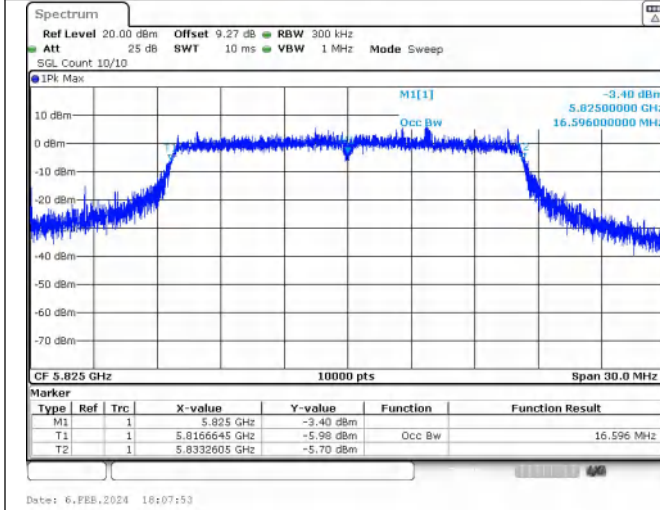
IEEE 802.11ac_Channel 155_80MHz_Antenna 1



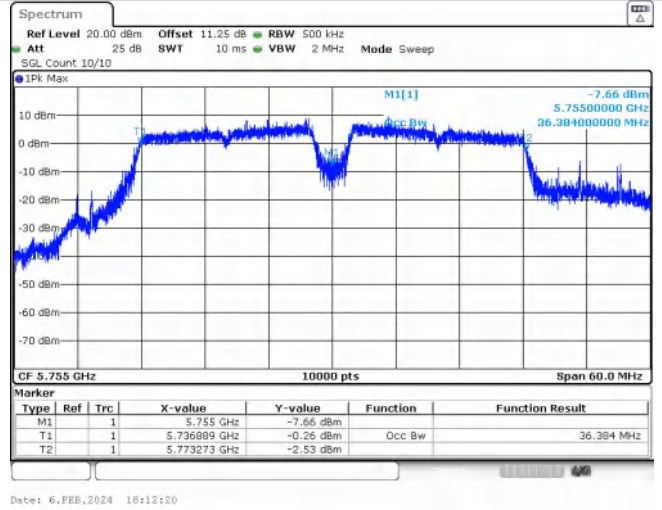
IEEE 802.11ax_Channel 149_20MHz_Antenna 1



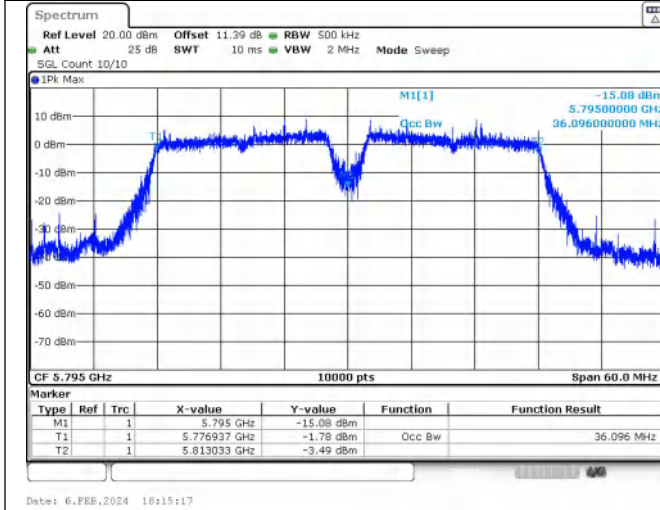
IEEE 802.11ax_Channel 157_20MHz_Antenna 1



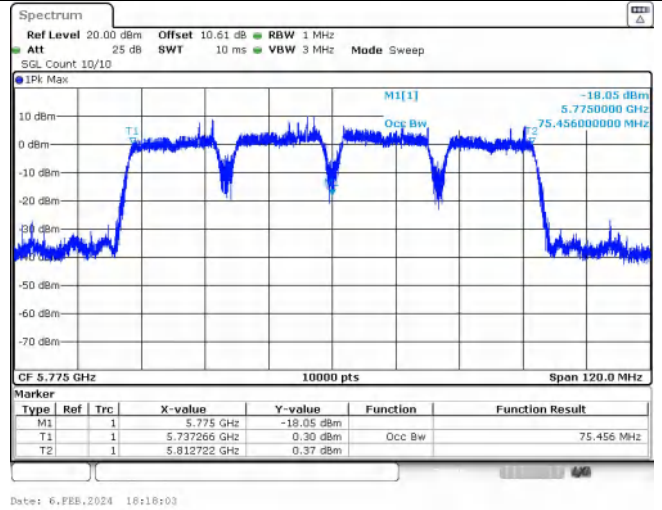
IEEE 802.11ax_Channel 165_20MHz_Antenna 1



IEEE 802.11ax_Channel 151_40MHz_Antenna 1



IEEE 802.11ax_Channel 159_40MHz_Antenna 1



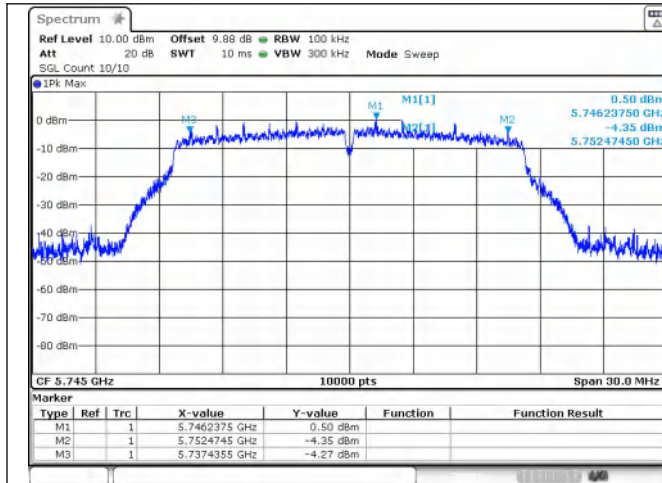
IEEE 802.11ax_Channel 155_80MHz_Antenna 1

6dB Bandwidth

Test Result

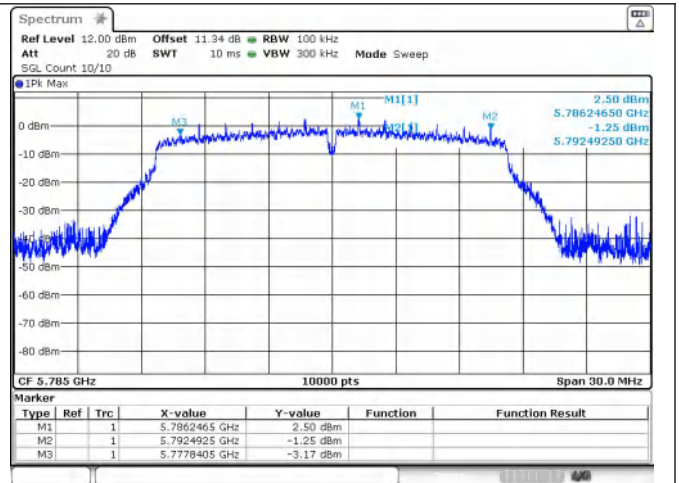
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	N/A	1	5745	15.03	0.5	PASS
	157			5785	14.65		PASS
	165			5825	15.11		PASS
IEEE 802.11n_20	149			5745	15.00		PASS
	157			5785	15.06		PASS
	165			5825	15.08		PASS
IEEE 802.11n_40	151			5755	35.08		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
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



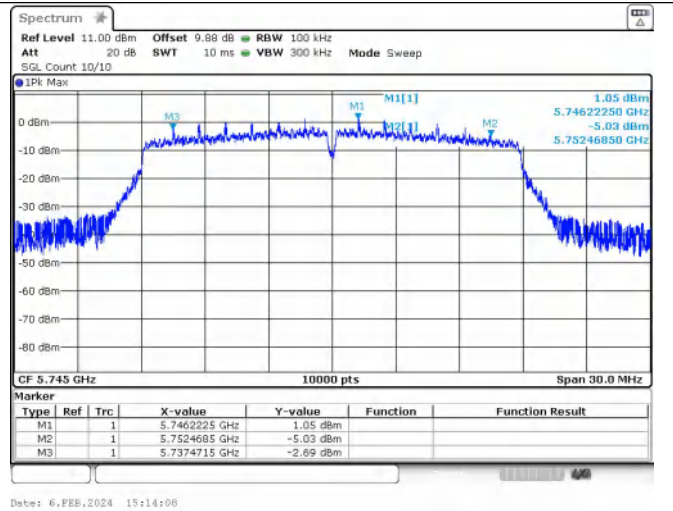
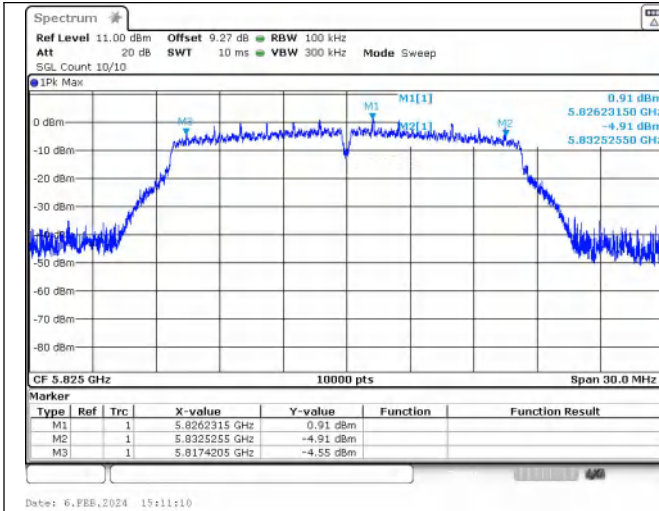
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IEEE 802.11a_Channel 149_20MHz_Antenna 1



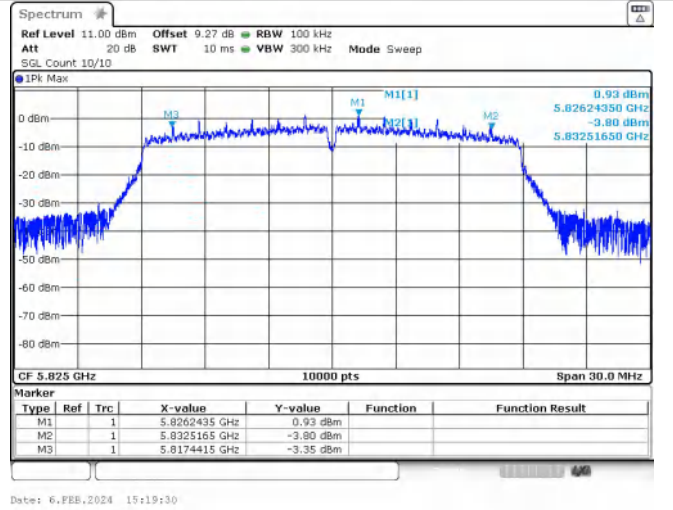
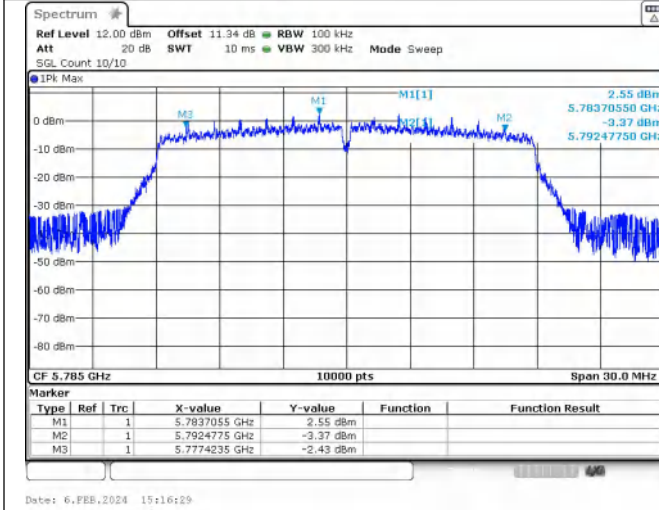
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IEEE 802.11a_Channel 157_20MHz_Antenna 1



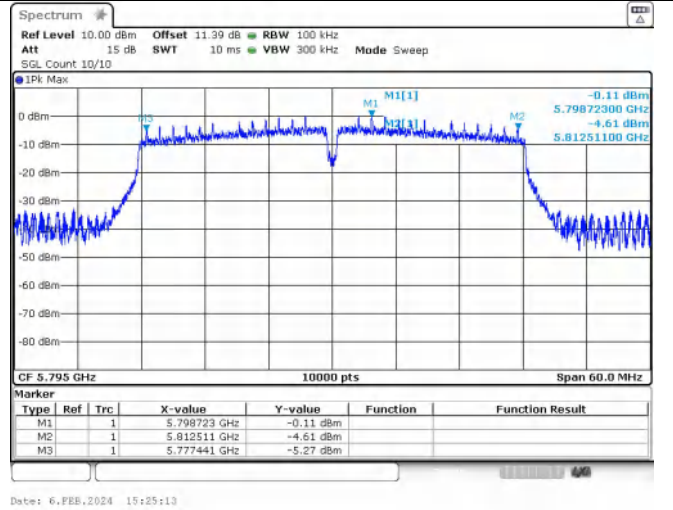
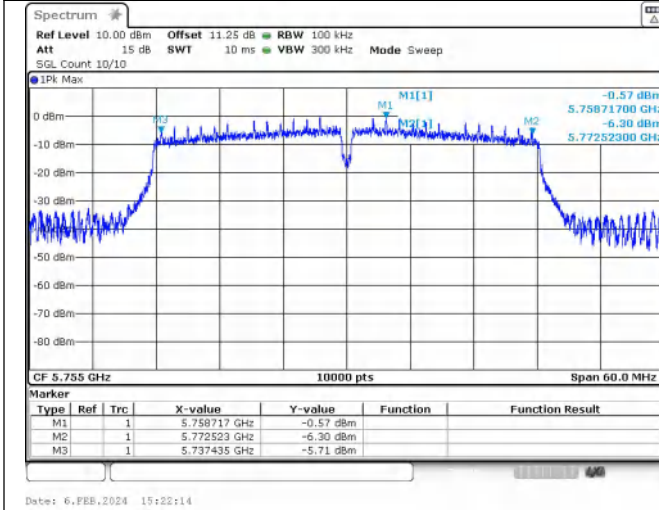
IEEE 802.11a_Channel 165_20MHz_Antenna 1

IEEE 802.11n_Channel 149_20MHz_Antenna 1



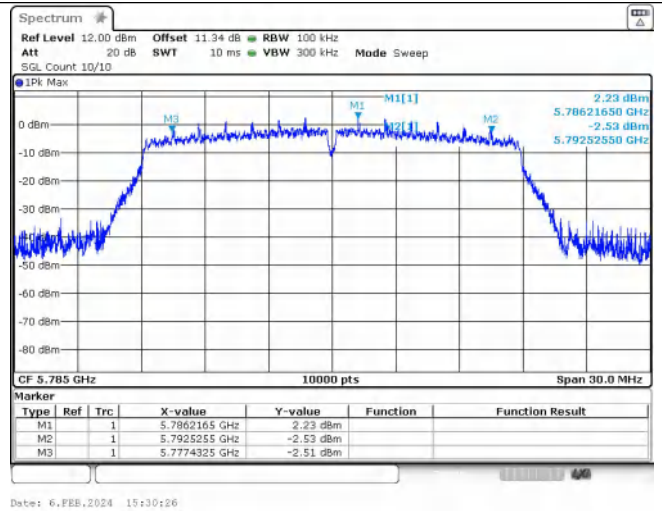
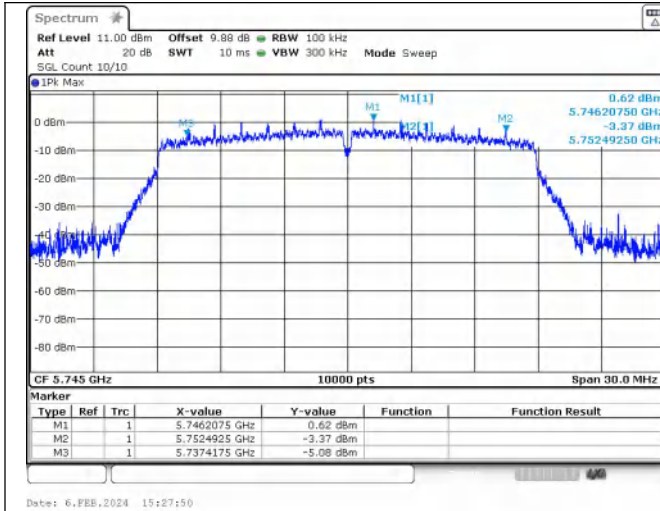
IEEE 802.11a_Channel 157_20MHz_Antenna 1

IEEE 802.11n_Channel 157_20MHz_Antenna 1



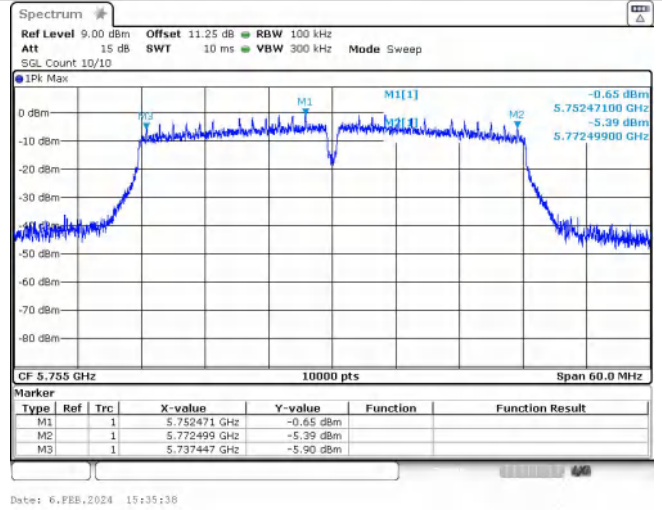
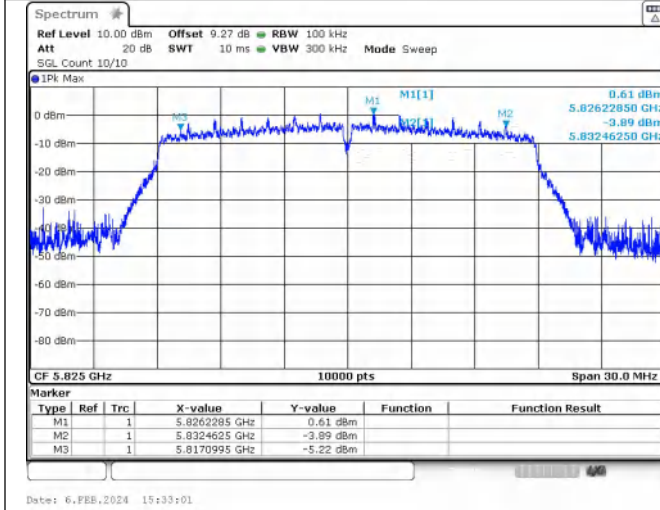
IEEE 802.11a_Channel 151_40MHz_Antenna 1

IEEE 802.11n_Channel 151_40MHz_Antenna 1



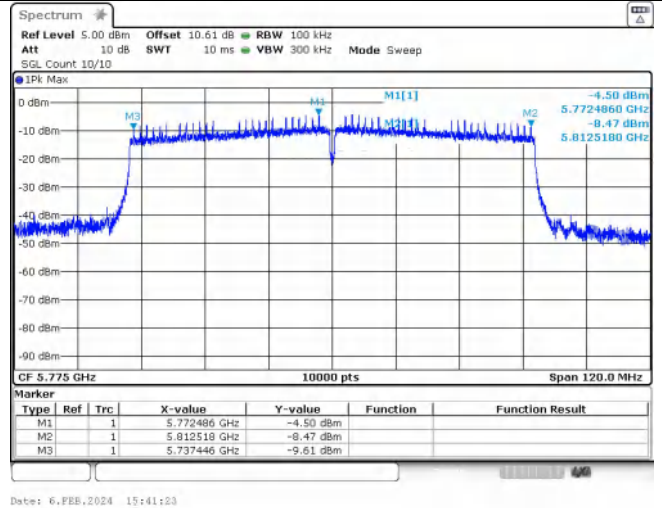
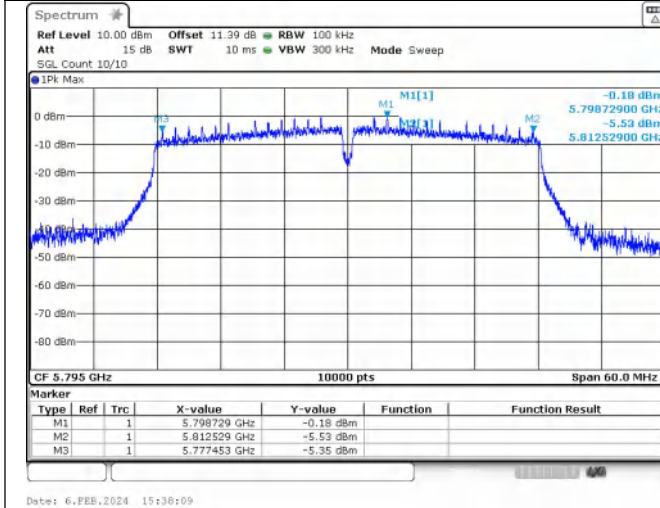
IEEE 802.11ac_Channel 149_20MHz_Antenna 1

IEEE 802.11ac_Channel 157_20MHz_Antenna 1



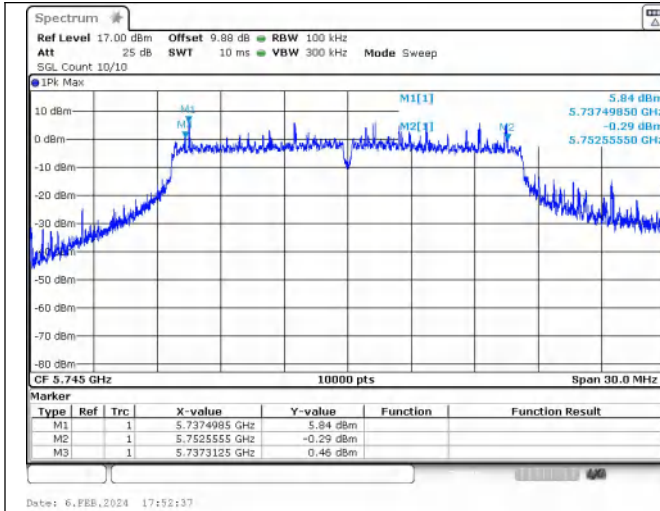
IEEE 802.11ac_Channel 165_20MHz_Antenna 1

IEEE 802.11ac_Channel 151_40MHz_Antenna 1

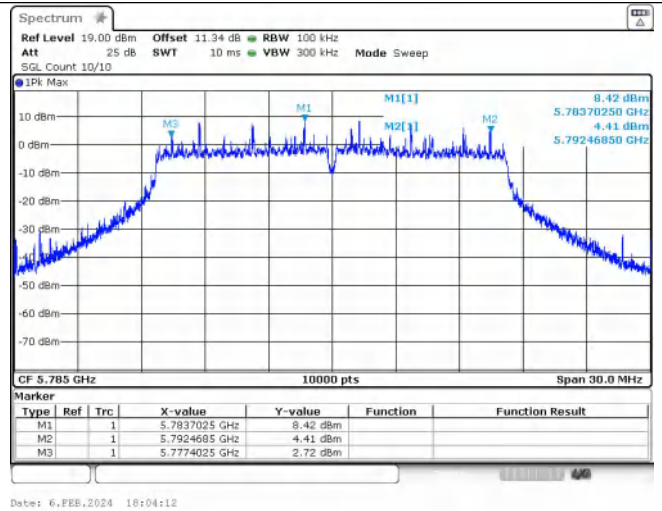


IEEE 802.11ac_Channel 159_40MHz_Antenna 1

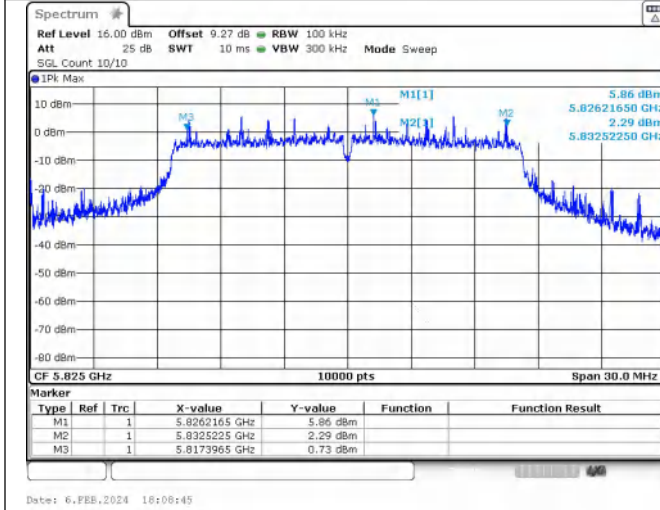
IEEE 802.11ac_Channel 155_80MHz_Antenna 1



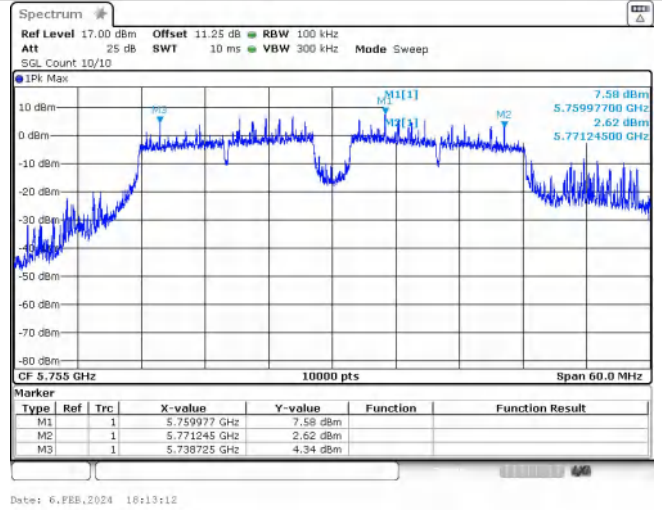
IEEE 802.11ax_Channel 149_20MHz_Antenna 1



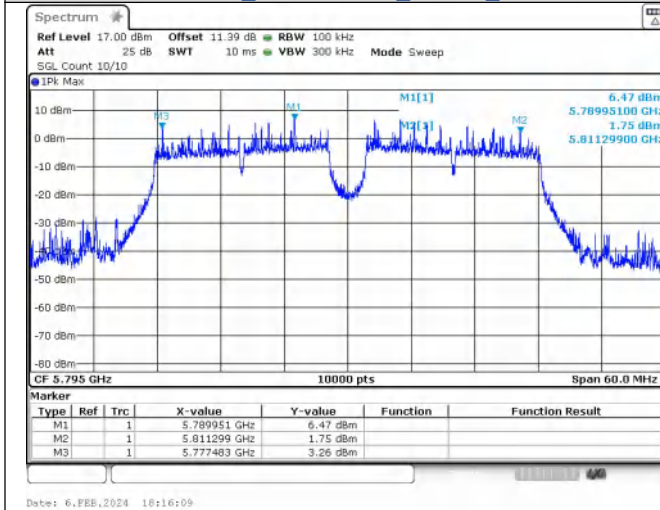
IEEE 802.11ax_Channel 157_20MHz_Antenna 1



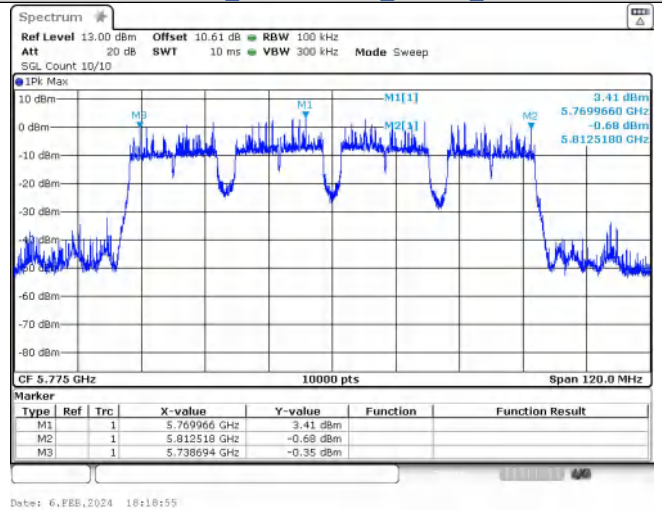
IEEE 802.11ax_Channel 165_20MHz_Antenna 1



IEEE 802.11ax_Channel 151_40MHz_Antenna 1



IEEE 802.11ax_Channel 159_40MHz_Antenna 1



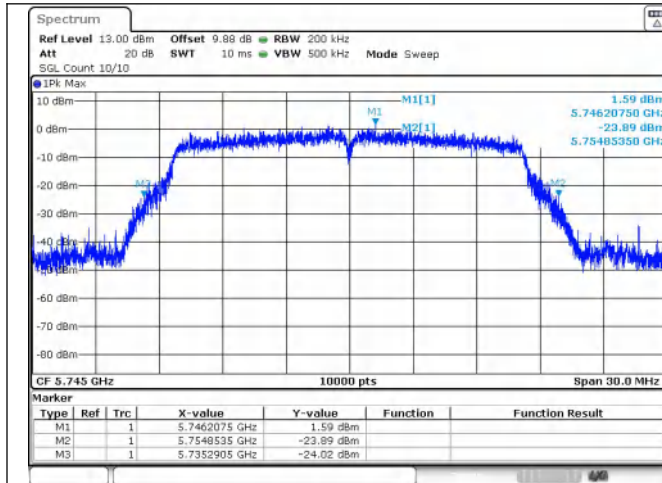
IEEE 802.11ax_Channel 155_80MHz_Antenna 1

26dB Bandwidth

Test Result

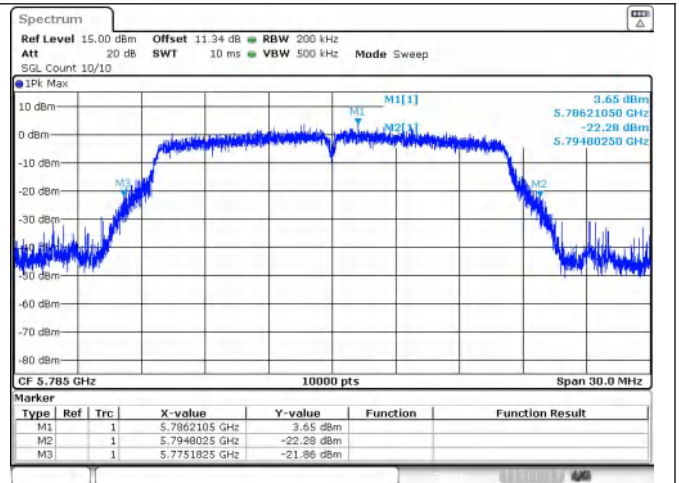
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	149	N/A	1	5745	19.56	1.12
	157			5785	19.62	1.12
	165			5825	19.69	1.11
IEEE 802.11n_20	149			5745	19.95	1.13
	157			5785	20.10	1.1
	165			5825	19.90	1.12
IEEE 802.11n_40	151			5755	40.66	1.06
	159			5795	40.67	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
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



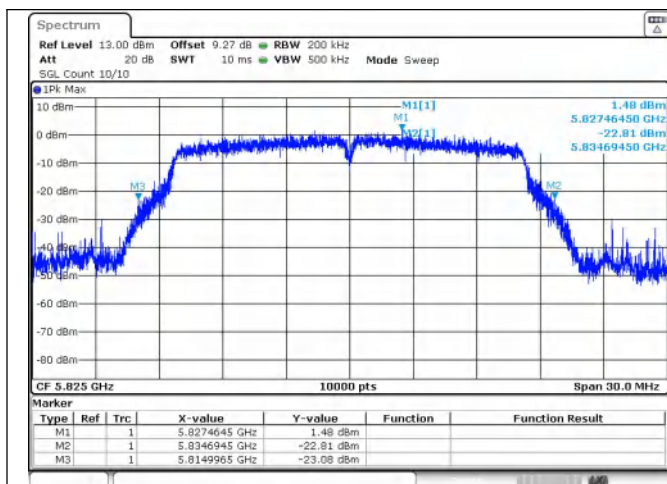
Date: 6.FEB.2024 15:04:24

IEEE 802.11a_Channel 149_20MHz_Antenna 1



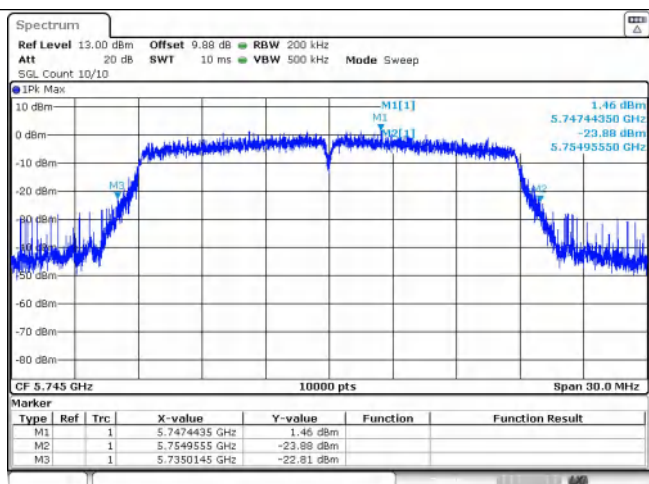
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IEEE 802.11a_Channel 157_20MHz_Antenna 1



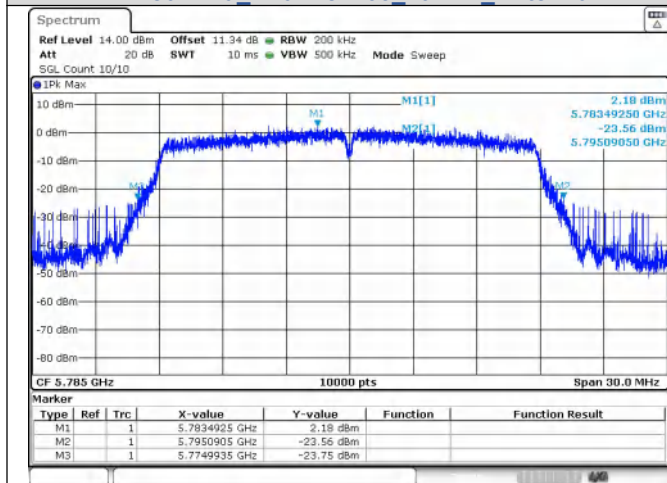
Date: 6.FEB.2024 15:10:44

IEEE 802.11a_Channel 165_20MHz_Antenna 1



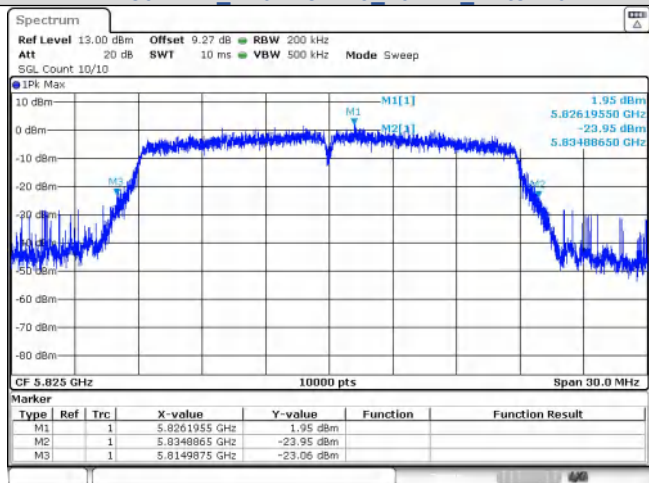
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IEEE 802.11n_Channel 149_20MHz_Antenna 1



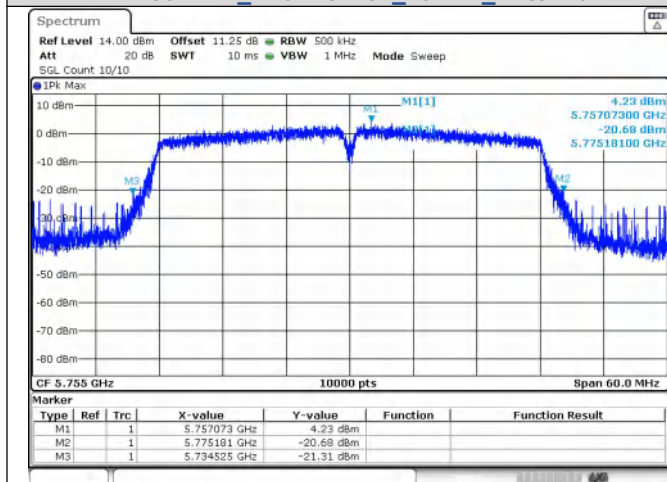
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IEEE 802.11a_Channel 157_20MHz_Antenna 1



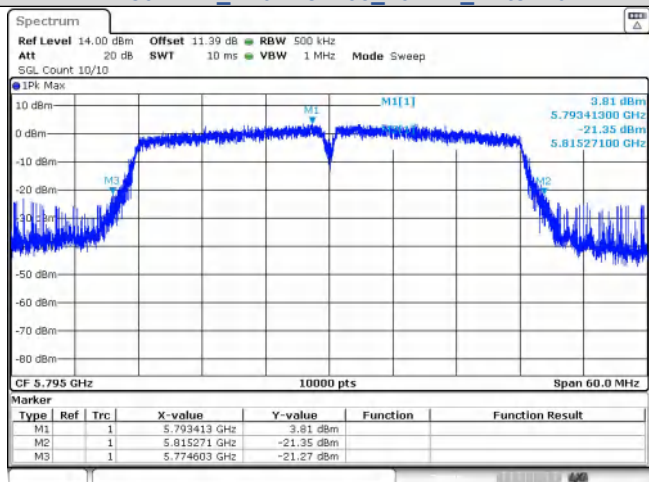
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IEEE 802.11n_Channel 165_20MHz_Antenna 1



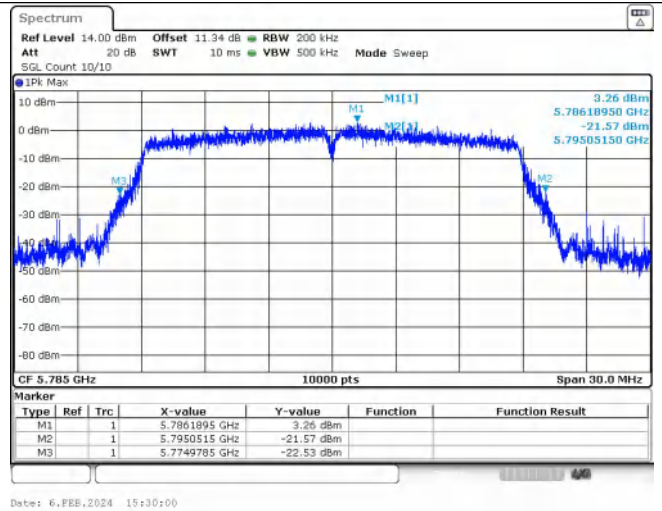
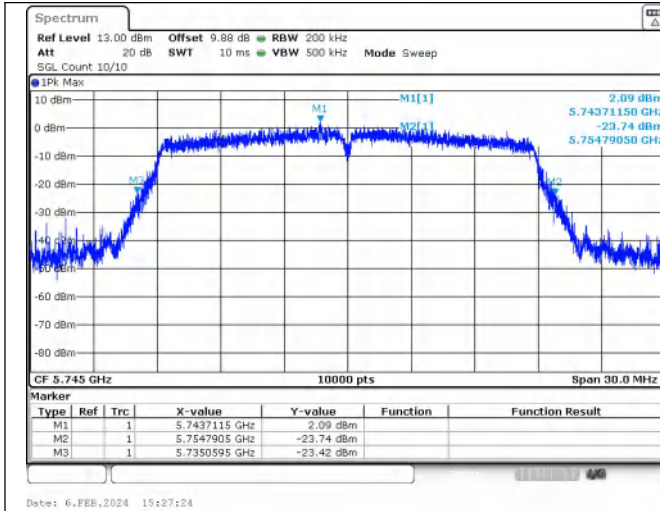
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IEEE 802.11a_Channel 151_40MHz_Antenna 1



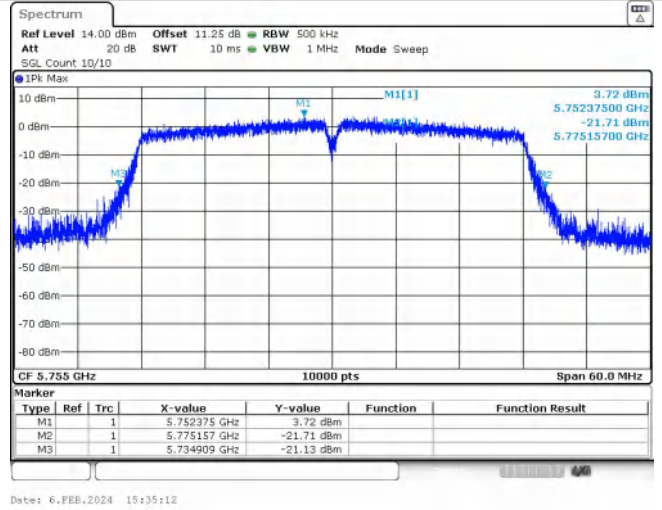
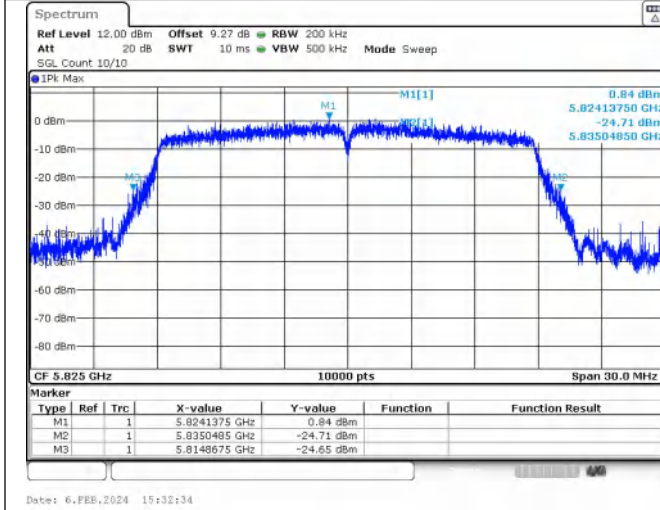
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IEEE 802.11n_Channel 159_40MHz_Antenna 1



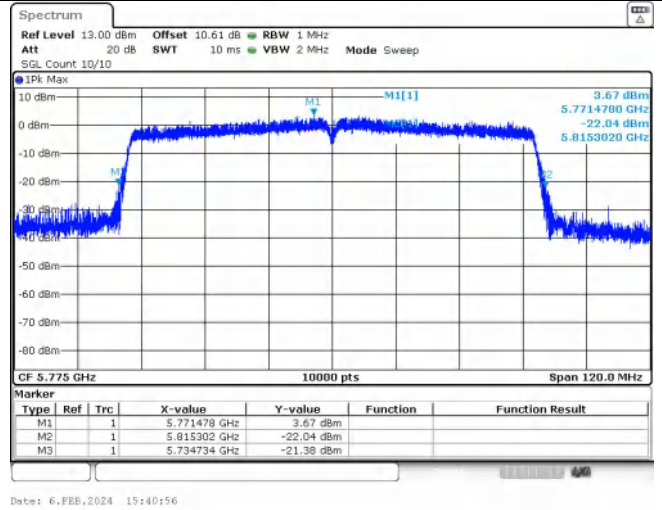
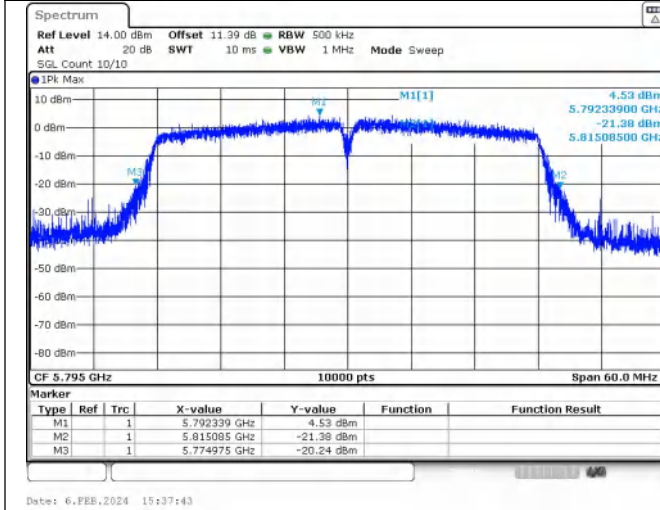
IEEE 802.11ac_Channel 149_20MHz_Antenna 1

IEEE 802.11ac_Channel 157_20MHz_Antenna 1



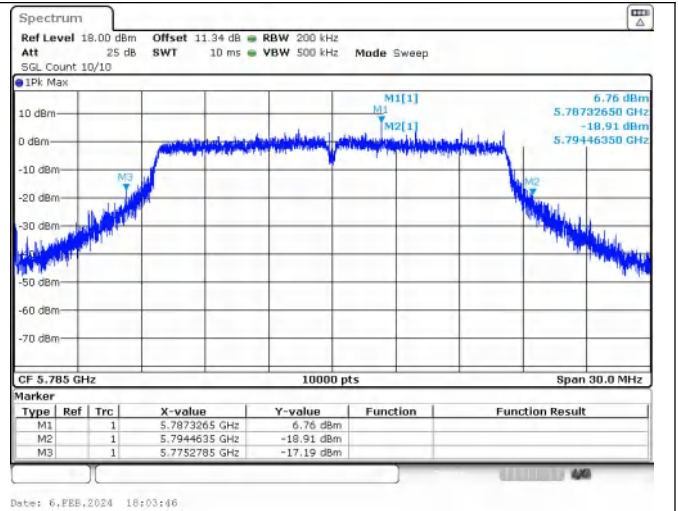
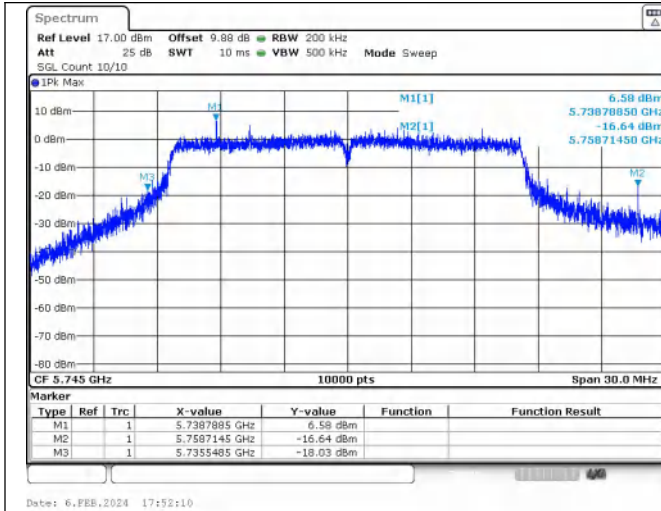
IEEE 802.11ac_Channel 165_20MHz_Antenna 1

IEEE 802.11ac_Channel 151_40MHz_Antenna 1



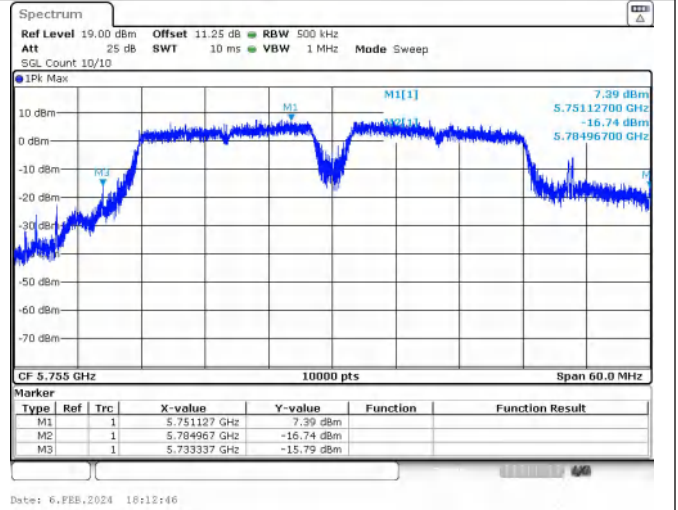
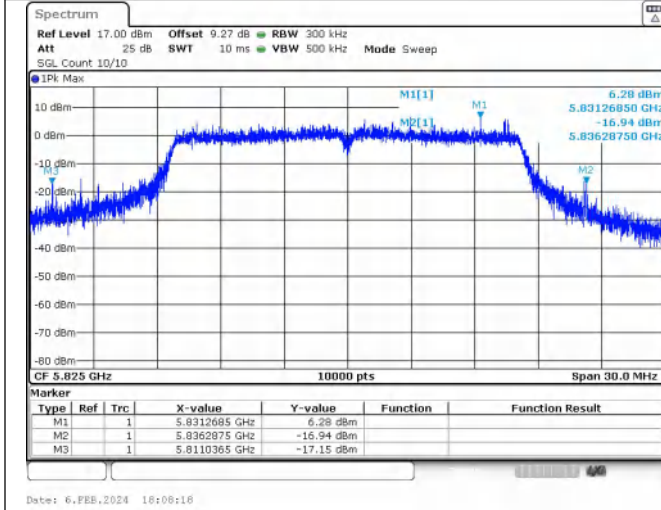
IEEE 802.11ac_Channel 159_40MHz_Antenna 1

IEEE 802.11ac_Channel 155_80MHz_Antenna 1



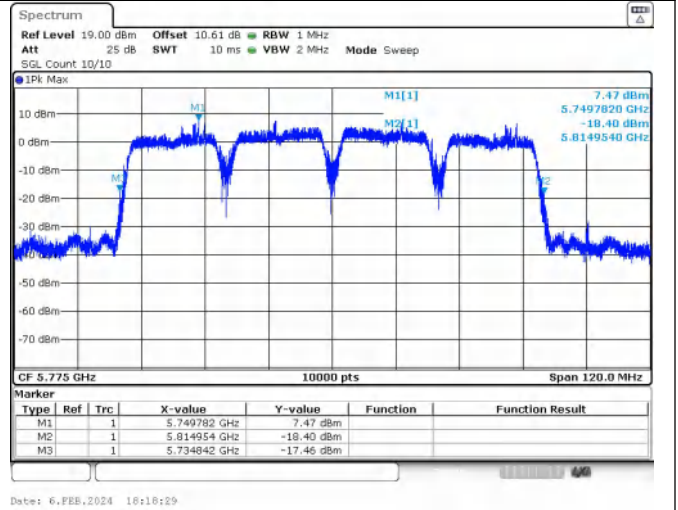
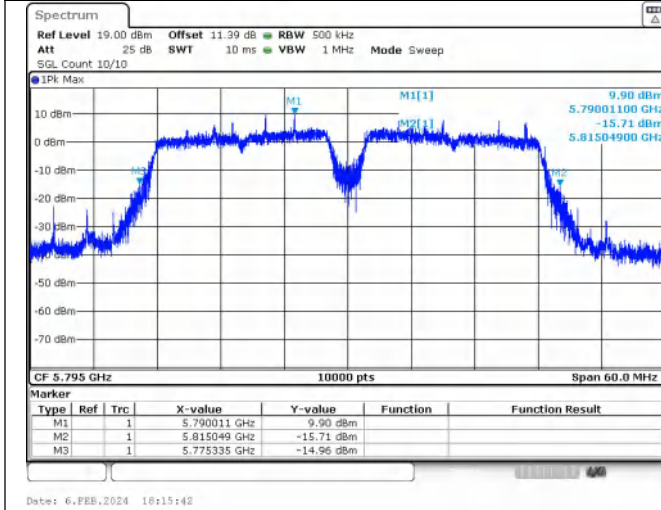
IEEE 802.11ax_Channel 149_20MHz_Antenna 1

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

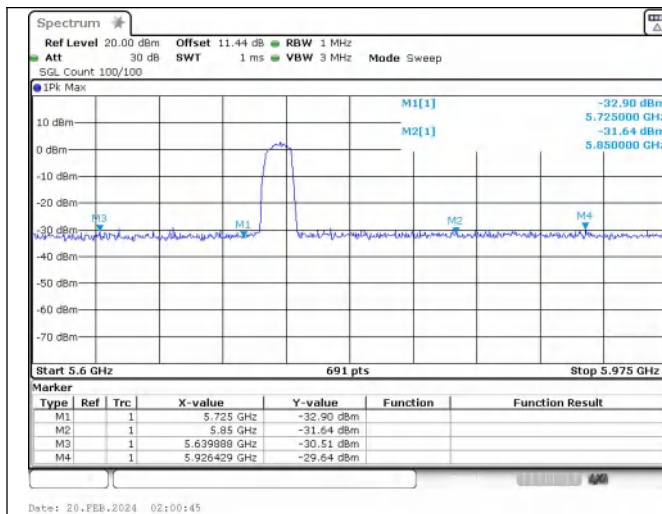
Test Result

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	
	157			6919.13	-47.497	-27	-20.500	PASS	
				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	
	165			5968.22	-29.017	-27	-2.017	PASS	
				15926.3	-47.330	-27	-20.330	PASS	
				5412.56	-49.143	-27	-22.140	PASS	
				5639.35	-30.780	-27	-3.780	PASS	
				5725.00	-31.702	27	-58.700	PASS	
IEEE 802.11n_20	149			5850.00	-31.457	27	-58.460	PASS	
				5947.59	-30.576	-27	-3.576	PASS	
				16610.5	-47.223	-27	-20.220	PASS	
				5459.20	-48.100	-27	-21.100	PASS	
				5625.24	-30.943	-27	-3.943	PASS	
	157			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	
				5621.81	-49.603	-27	-22.600	PASS	
	165			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	
IEEE 802.11n_40	151			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	
	159			16326.3	-47.214	-27	-20.210	PASS	
				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	
	IEEE 802.11ac_20			149	5970.39	-30.117	-27	-3.117	PASS
					22064.7	-47.528	-27	-20.530	PASS
					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			
		4985.62	-49.059	-27	-22.060	PASS			
		5617.09	-30.558	-27	-3.558	PASS			
		5725.00	-31.328	27	-58.330	PASS			

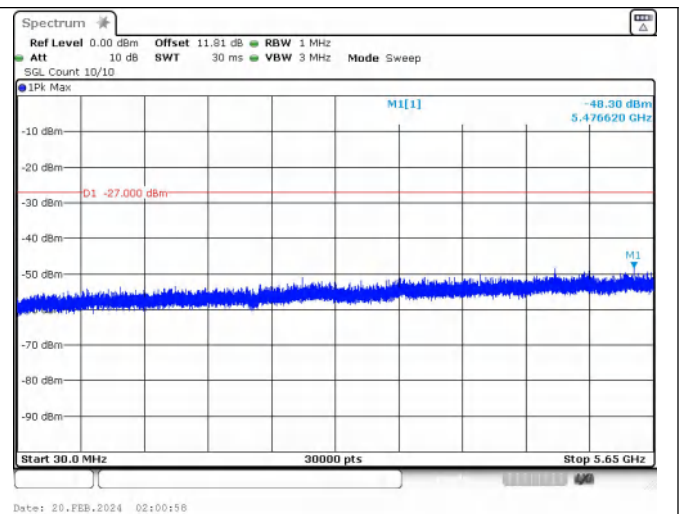
	157			5850.00	-31.449	27	-58.450	PASS
				5948.68	-30.467	-27	-3.467	PASS
				17913.3	-47.333	-27	-20.330	PASS
				4733.85	-49.698	-27	-22.700	PASS
				5629.03	-31.170	-27	-4.170	PASS
				5725.00	-31.128	27	-58.130	PASS
				5850.00	-31.818	27	-58.820	PASS
				5959.53	-30.782	-27	-3.782	PASS
				17344.9	-47.050	-27	-20.050	PASS
				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
				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
				4970.26	-48.983	-27	-21.980	PASS
				5634.46	-30.363	-27	-3.363	PASS
				IEEE 802.11ac_80	155			5725.00
5850.00	-33.166	27	-60.170					PASS
5974.19	-29.918	-27	-2.918					PASS
21945.8	-47.938	-27	-20.940					PASS
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
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
IEEE 802.11ax_20	157		SU					5936.74
				5945.03	-43.869	-27	-16.870	PASS
				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
				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
				IEEE 802.11ax_40	151			1589.83
5611.67	-30.370	-27	-3.370					PASS

IEEE 802.11ax_80	155			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
				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

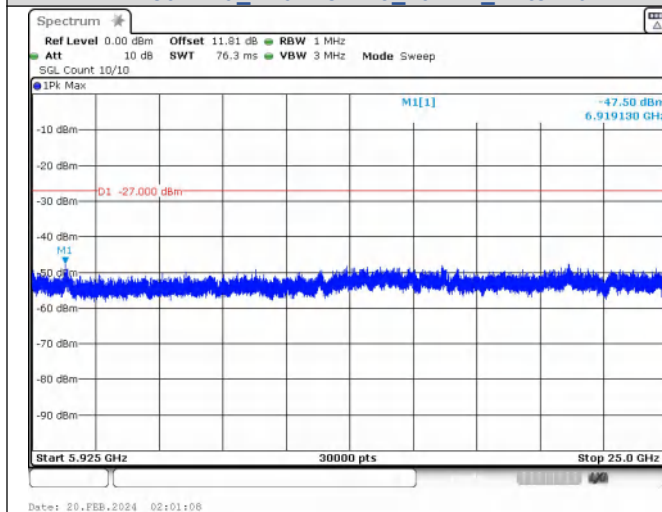
Test Graphs



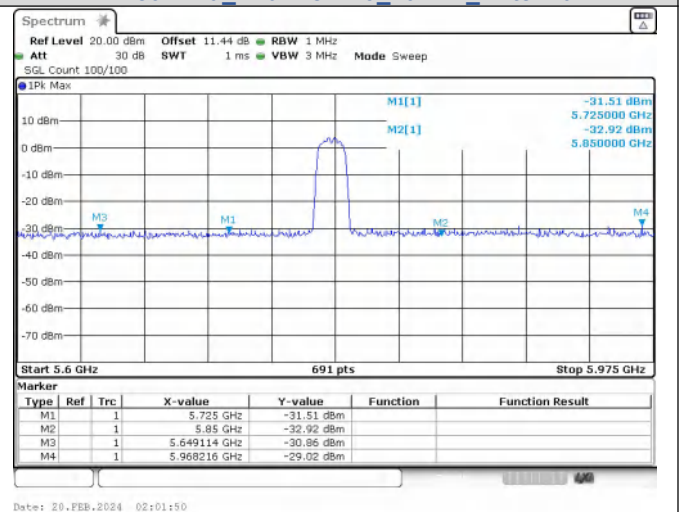
Out Of Band Emission
IEEE 802.11a_Channel 149_20MHz_Antenna 1



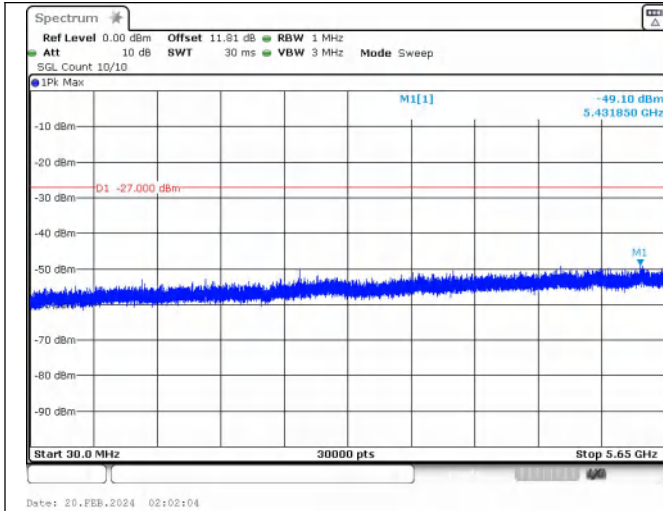
Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 1



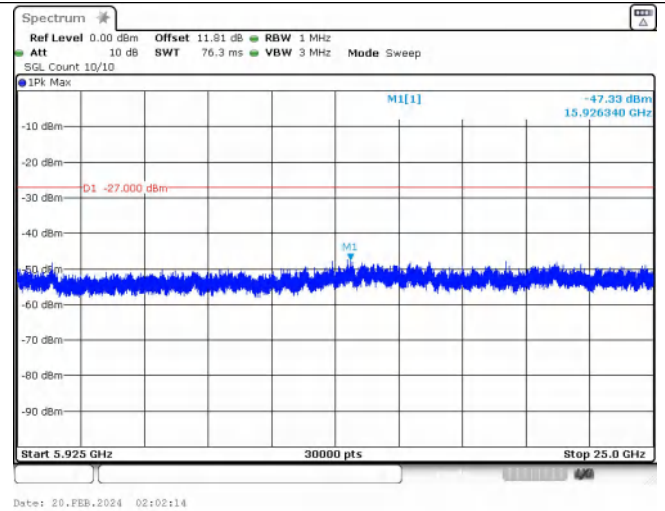
Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 1



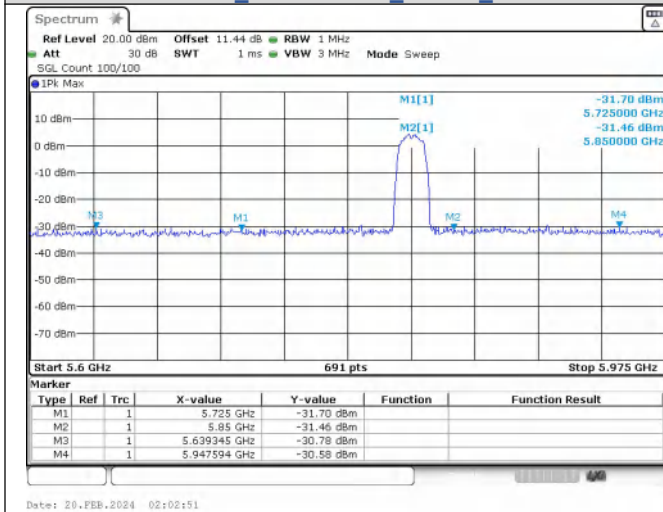
Out Of Band Emission
IEEE 802.11a_Channel 157_20MHz_Antenna 1



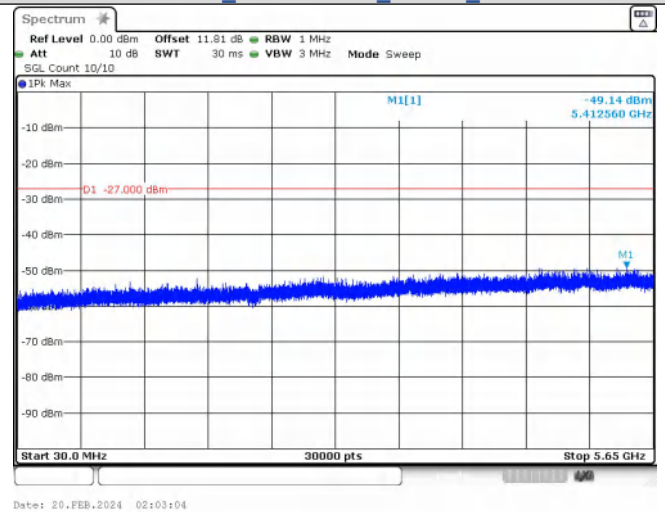
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IEEE 802.11a_Channel 157_20MHz_Antenna 1



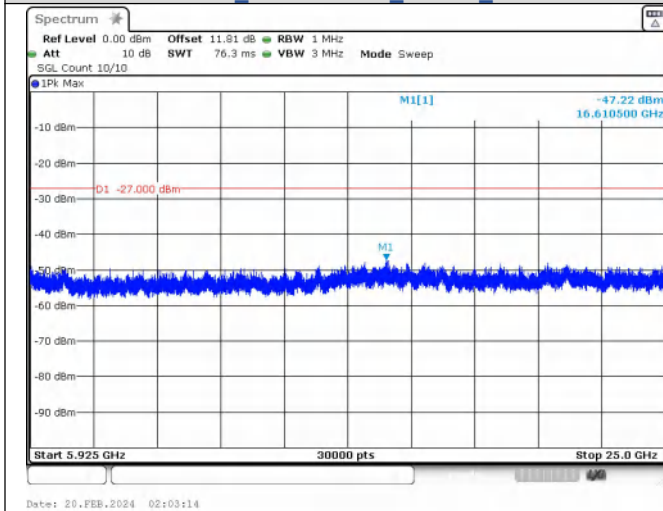
Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 157_20MHz_Antenna 1



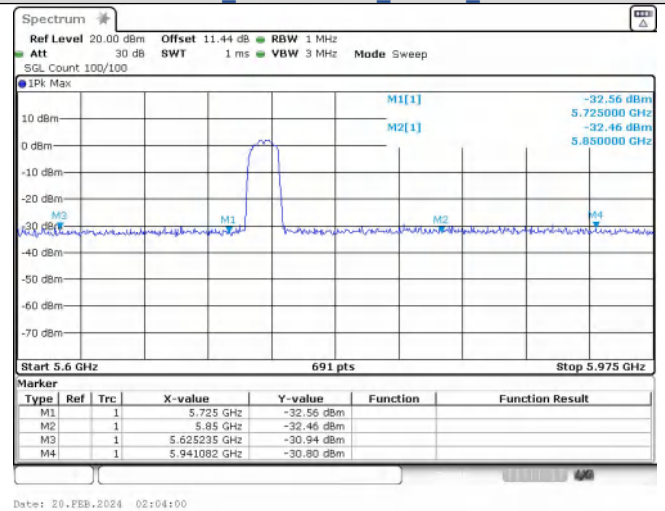
Out Of Band Emission
IEEE 802.11a_Channel 165_20MHz_Antenna 1



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

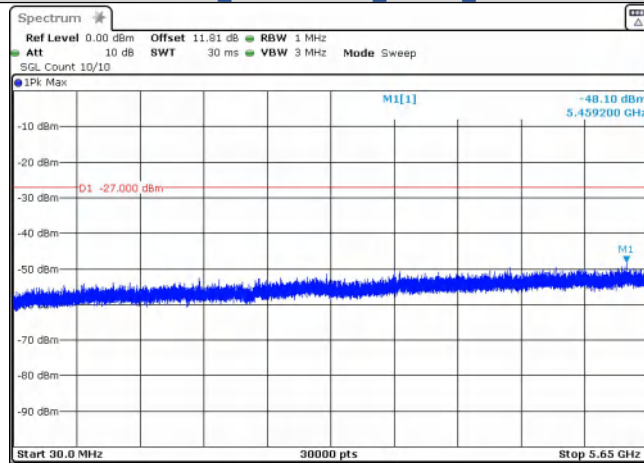


Spurious Emission:5925~25000.0 MHz



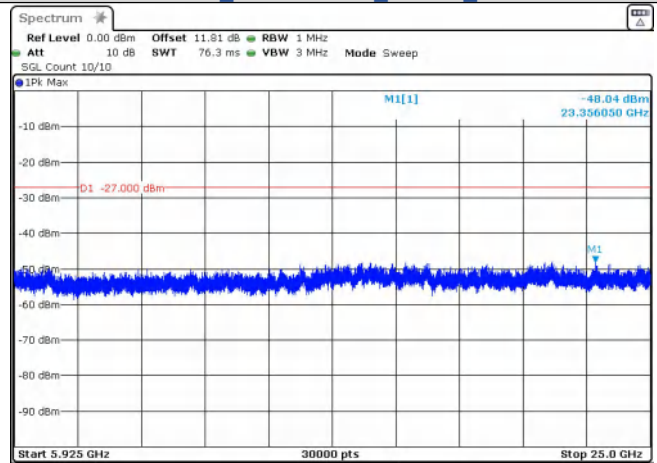
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IEEE 802.11a_Channel 165_20MHz_Antenna 1



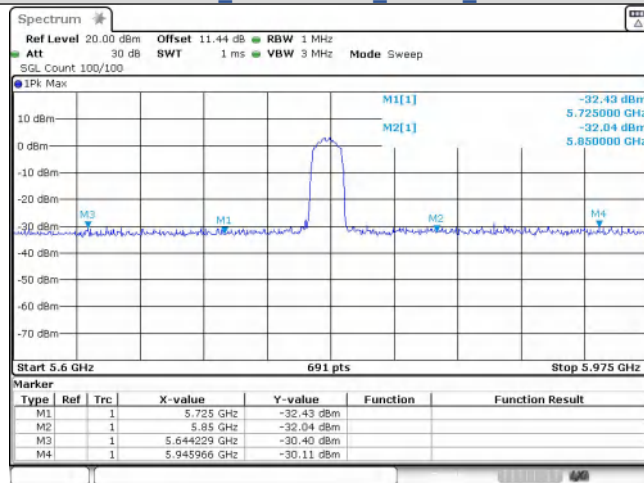
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IEEE 802.11n_Channel 149_20MHz_Antenna 1



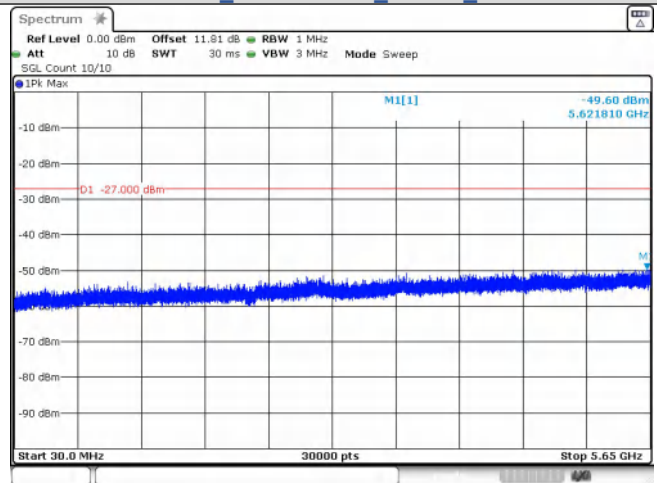
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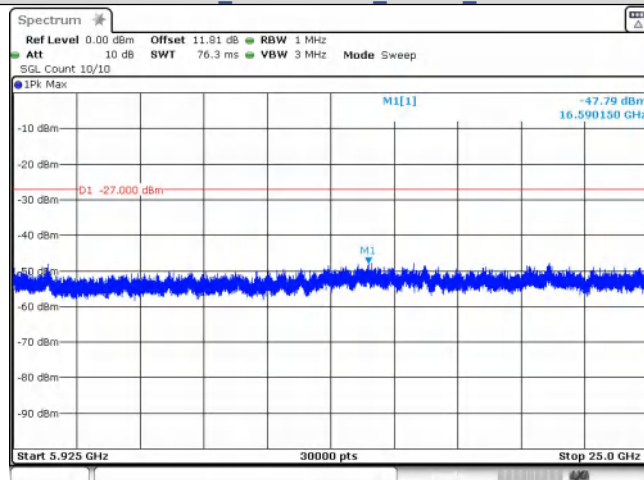
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Spurious Emission:5925~25000.0 MHz IEEE 802.11n_Channel 149_20MHz_Antenna 1



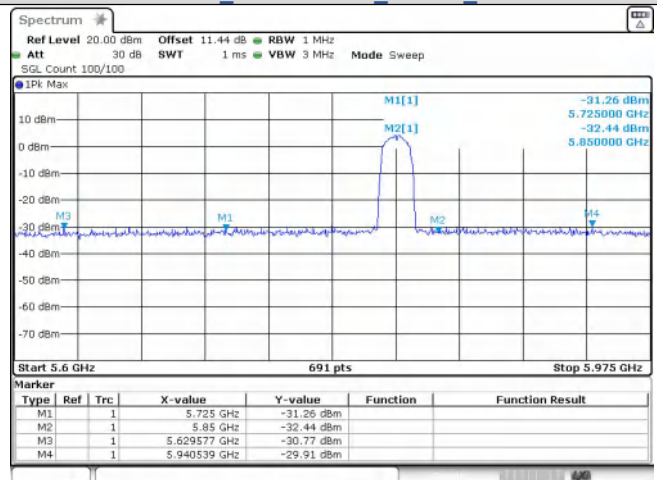
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Out Of Band Emission IEEE 802.11n_Channel 157_20MHz_Antenna 1

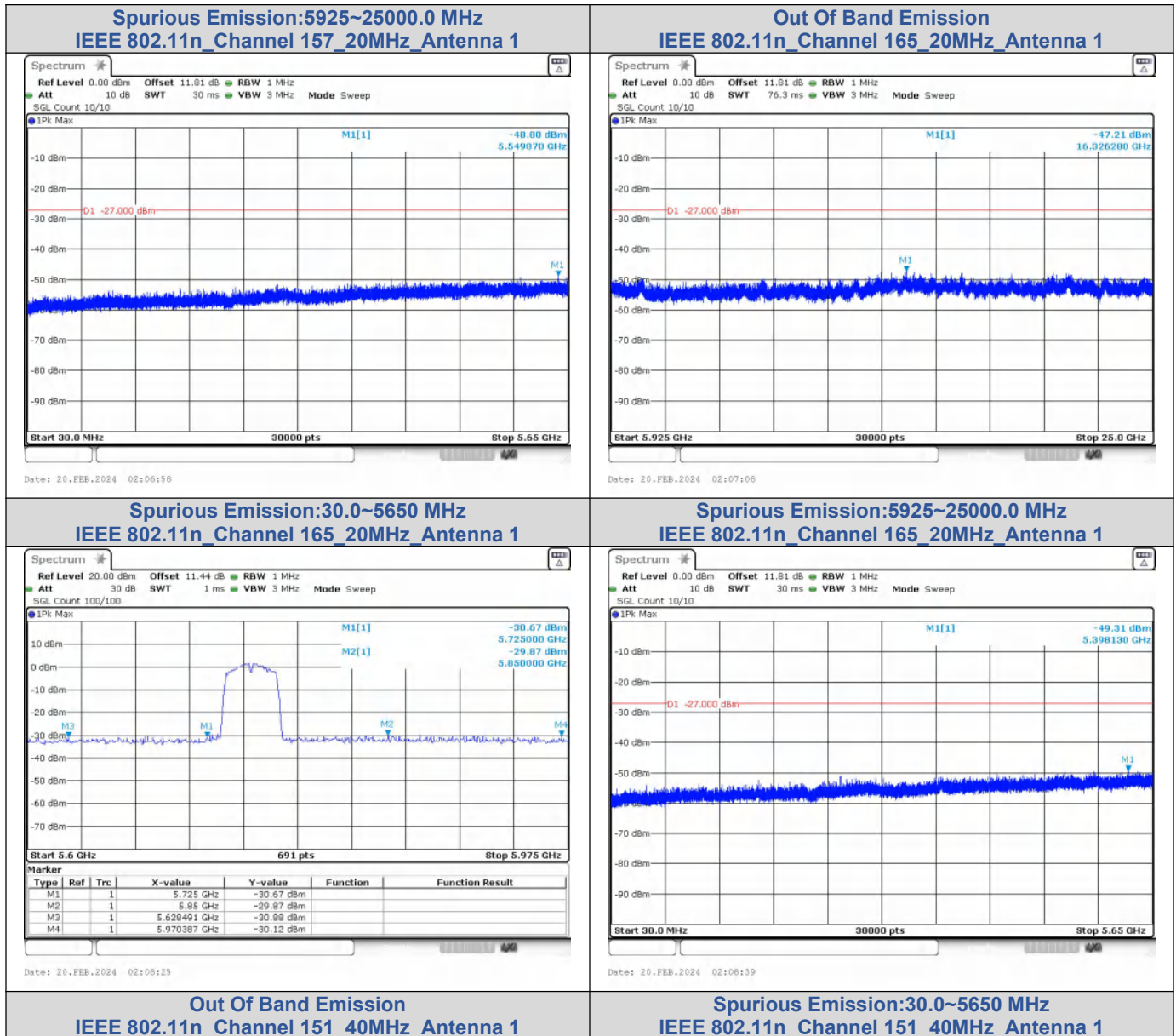


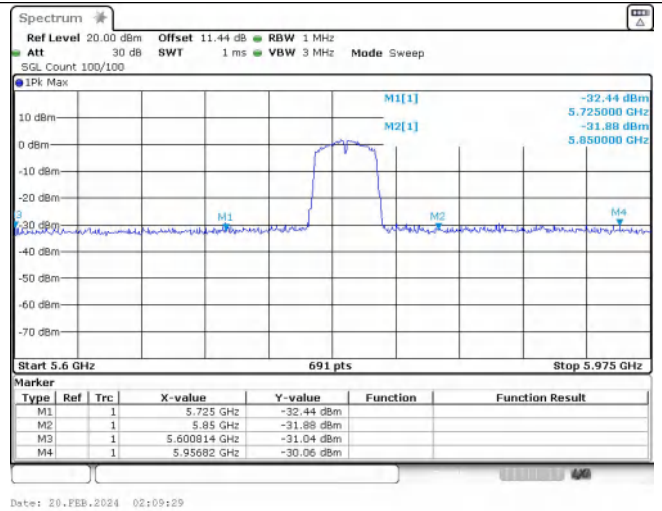
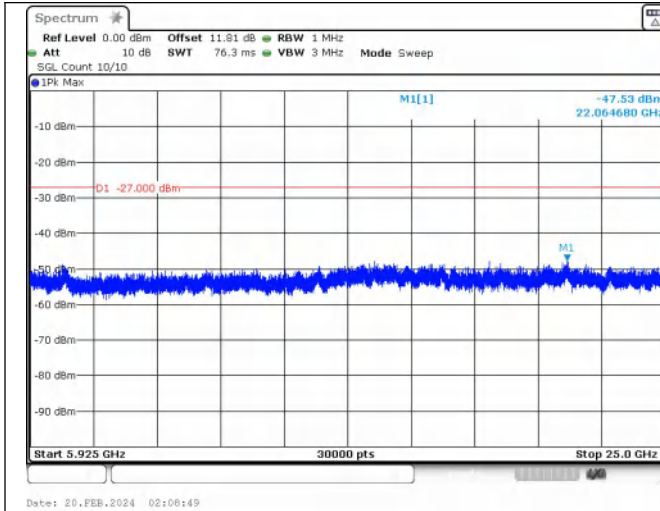
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Spurious Emission:30.0~5650 MHz IEEE 802.11n_Channel 157_20MHz_Antenna 1



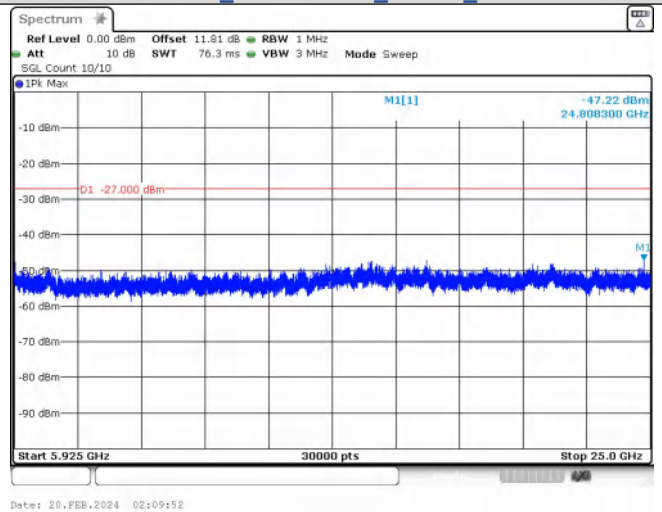
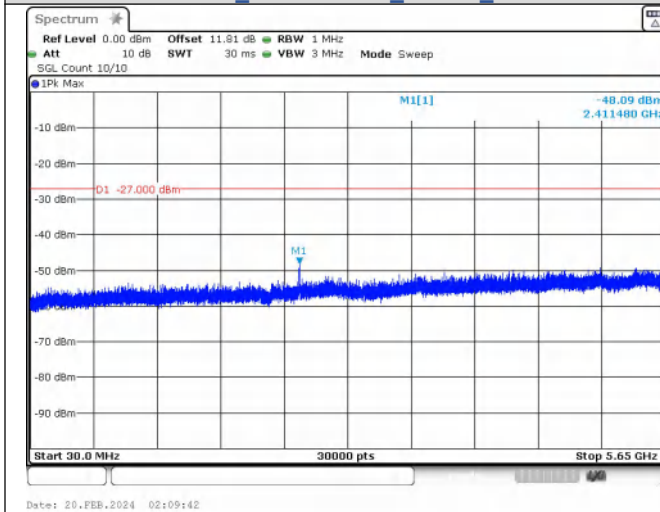
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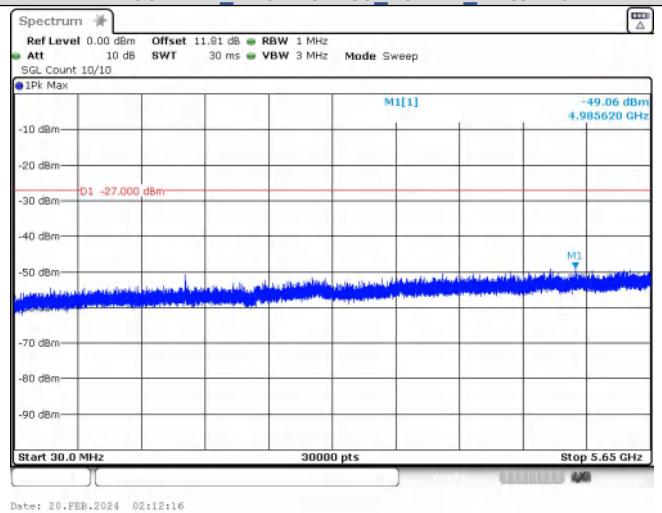
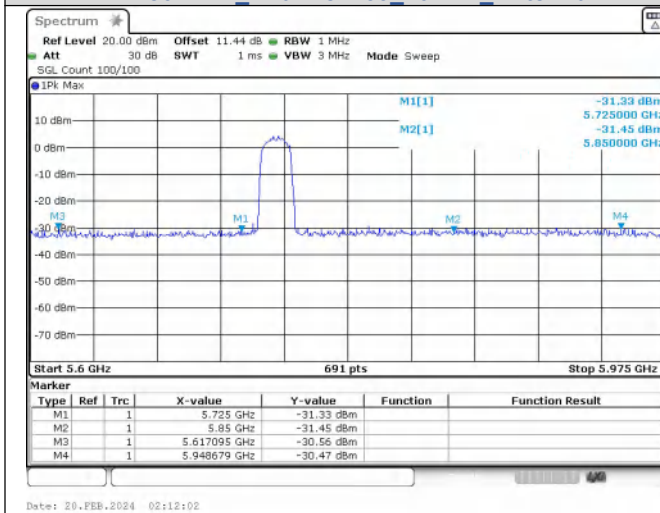
Spurious Emission:5925~25000.0 MHz IEEE 802.11n_Channel 151_40MHz_Antenna 1

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

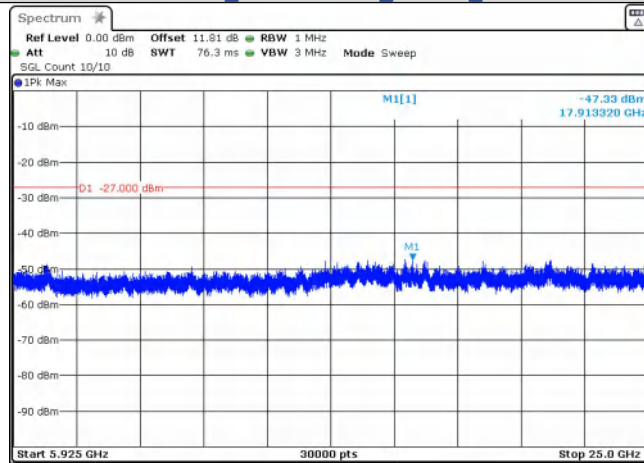
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Out Of Band Emission

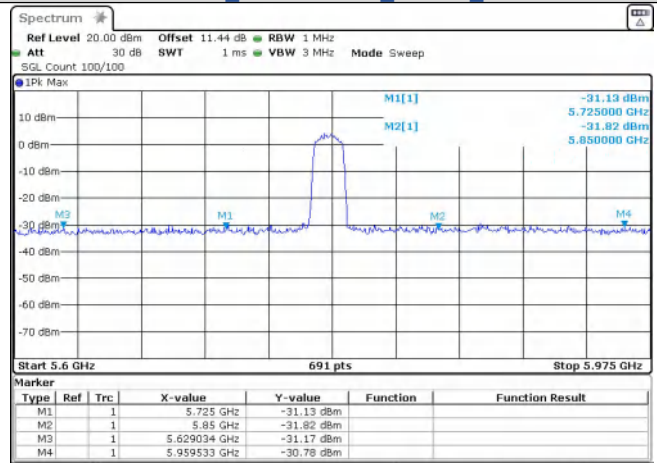
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IEEE 802.11ac Channel 149_20MHz_Antenna 1



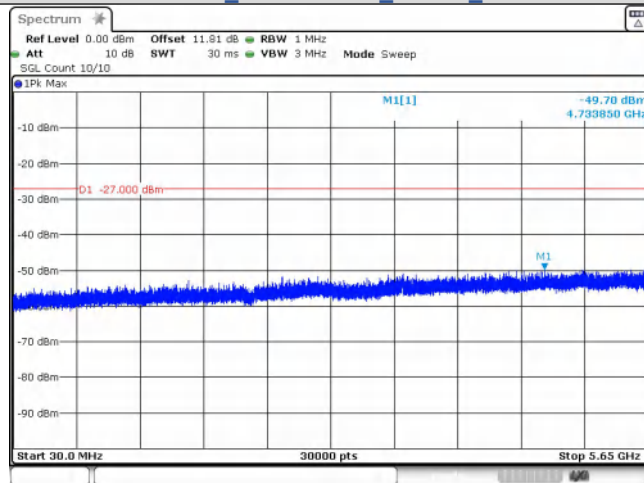
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IEEE 802.11ac Channel 149_20MHz_Antenna 1



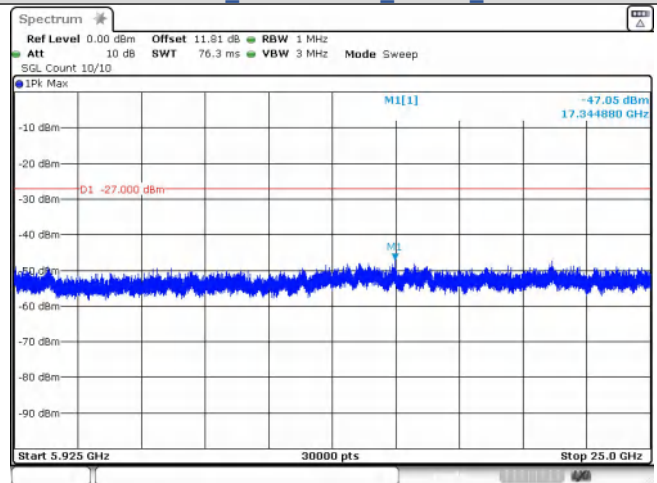
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Spurious Emission:5925~25000.0 MHz IEEE 802.11ac Channel 149_20MHz_Antenna 1



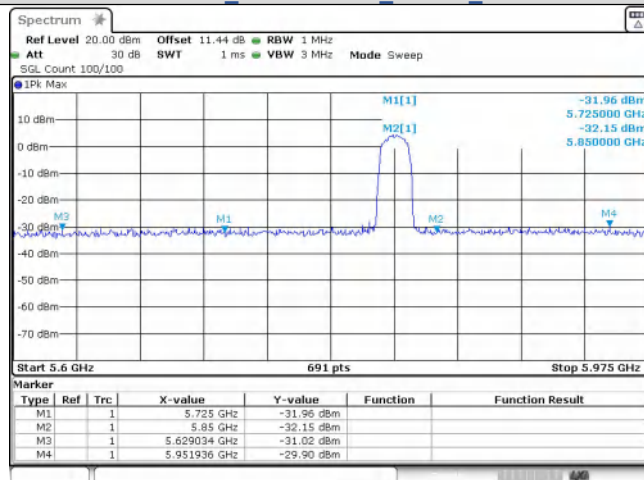
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Out Of Band Emission IEEE 802.11ac Channel 157_20MHz_Antenna 1



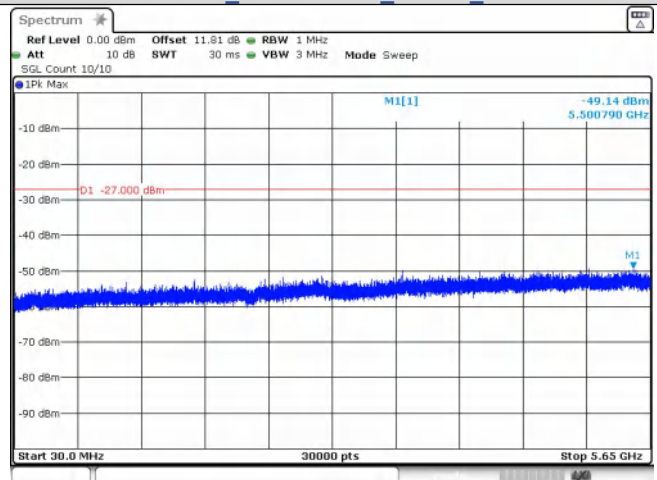
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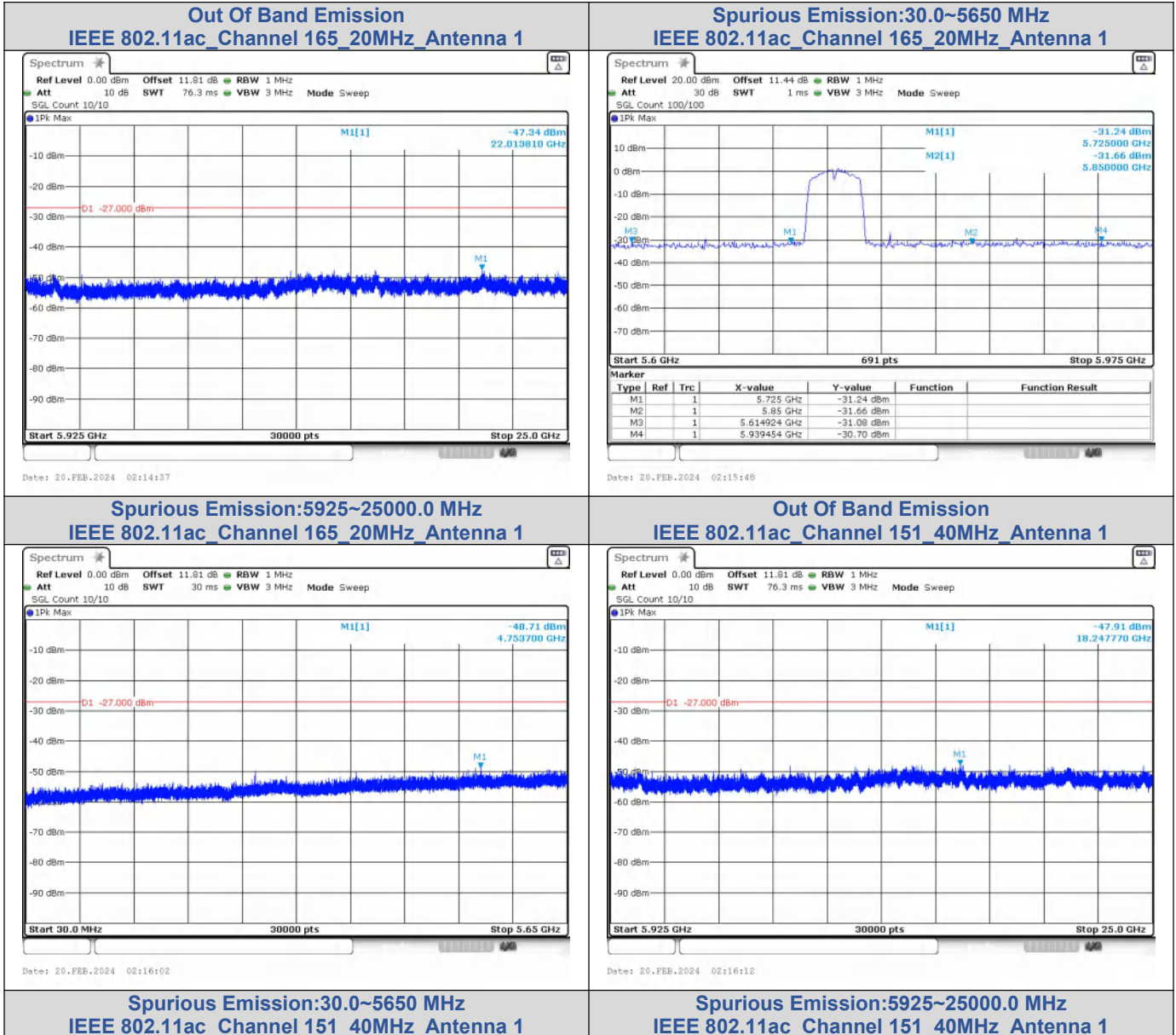


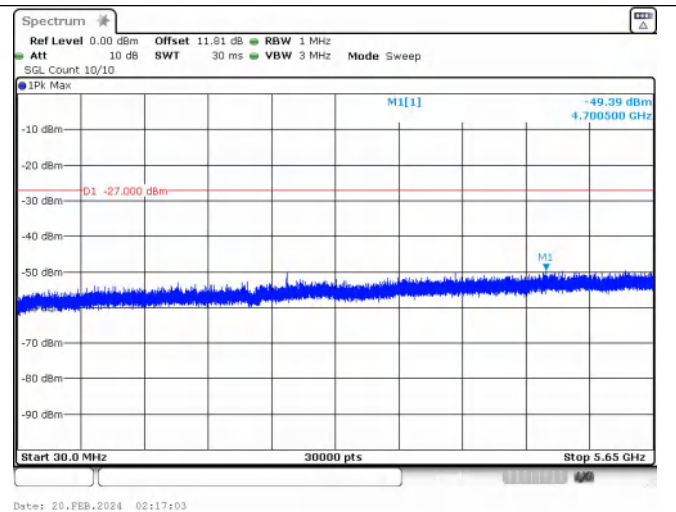
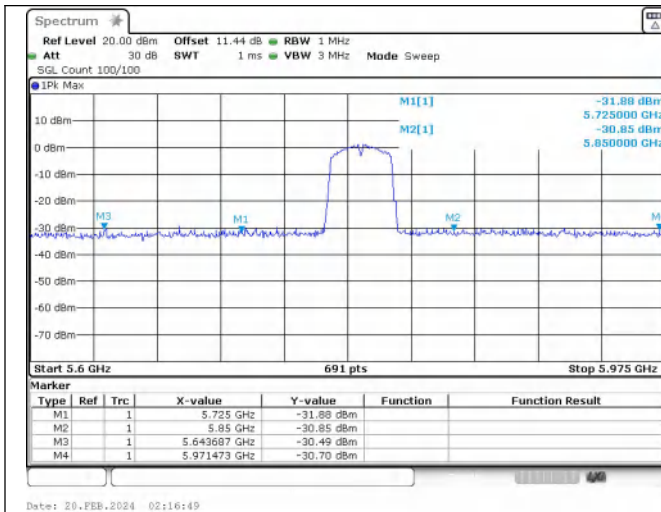
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Spurious Emission:5925~25000.0 MHz IEEE 802.11ac Channel 157_20MHz_Antenna 1



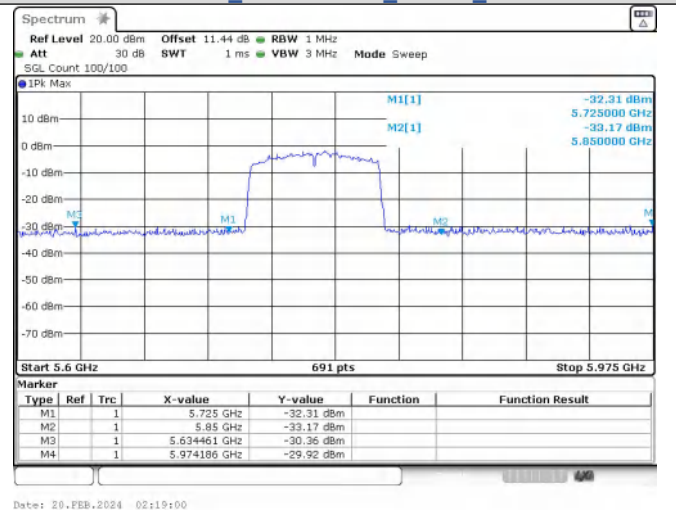
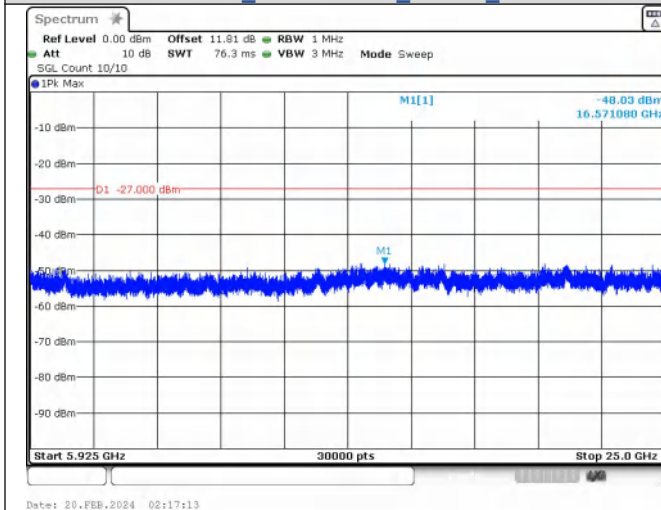
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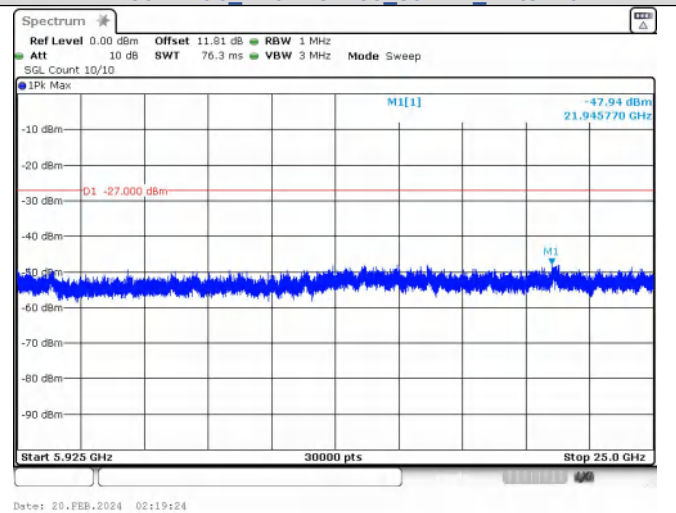
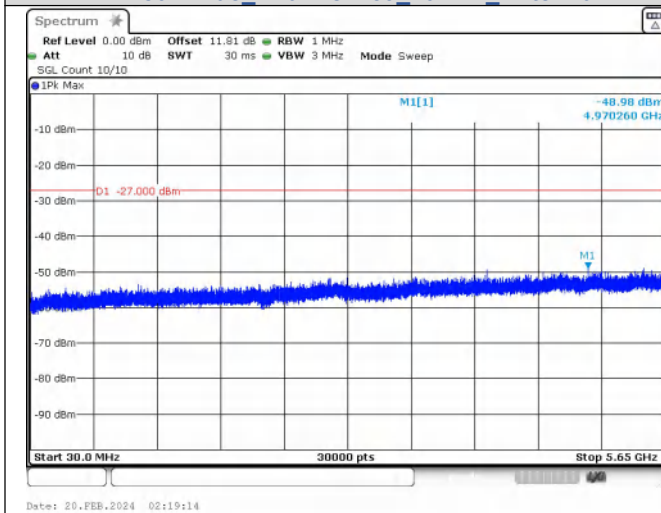
Out Of Band Emission
IEEE 802.11ac_Channel 159_40MHz_Antenna 1

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

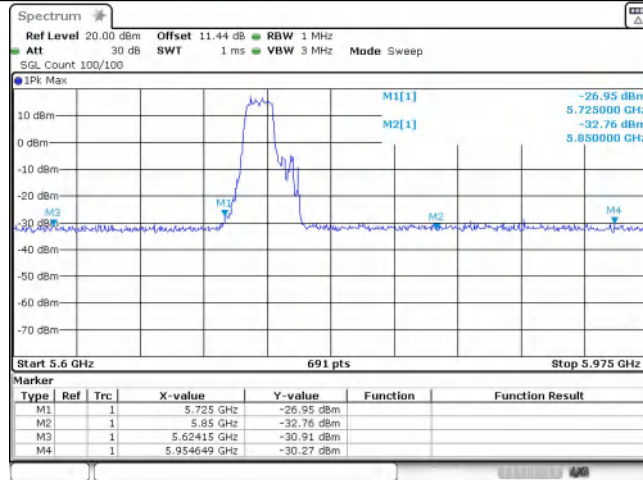
Out Of Band Emission
IEEE 802.11ac_Channel 155_80MHz_Antenna 1



Spurious Emission:30.0~5650 MHz

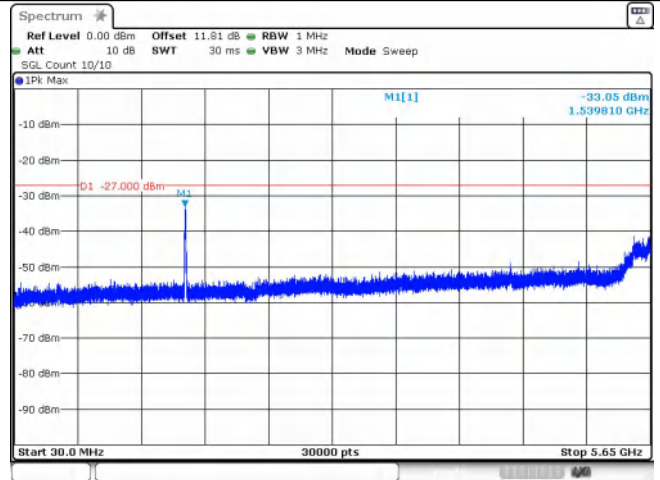
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IEEE 802.11ac_Channel 155_80MHz_Antenna 1



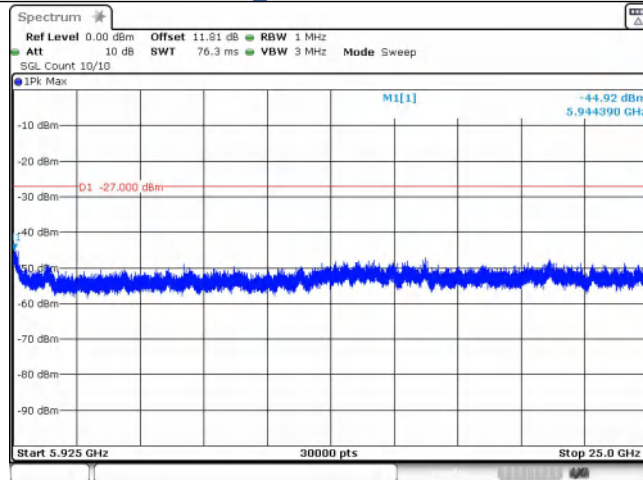
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IEEE 802.11ac_Channel 155_80MHz_Antenna 1



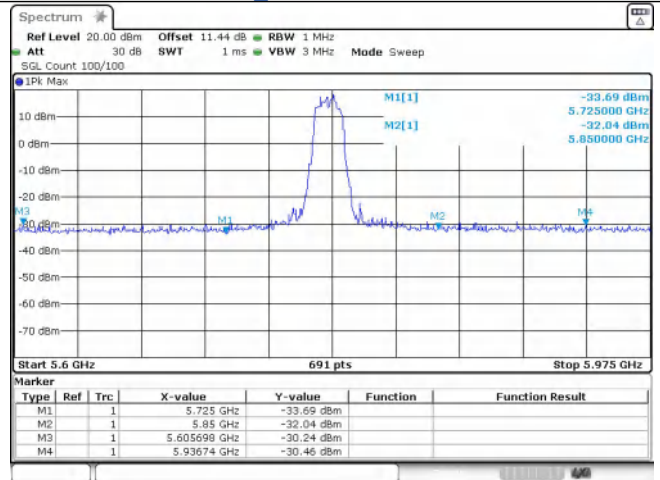
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Out Of Band Emission IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index SU



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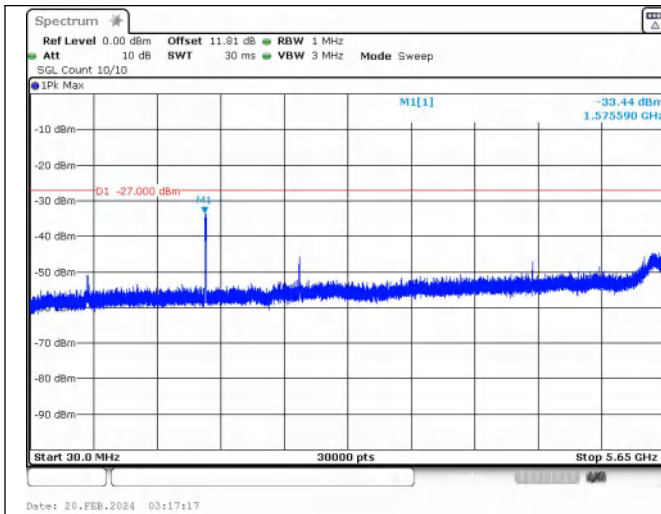
Spurious Emission:30.0~5650 MHz IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index SU



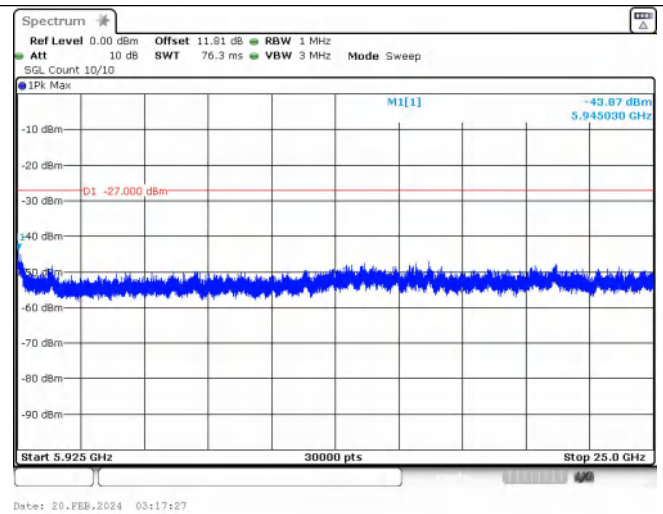
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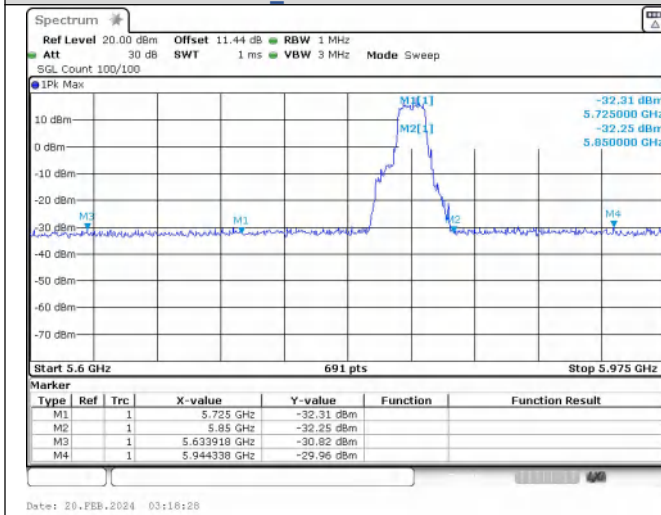
Out Of Band Emission IEEE 802.11ax_Channel 157_20MHz_Antenna 1_RU&Index SU



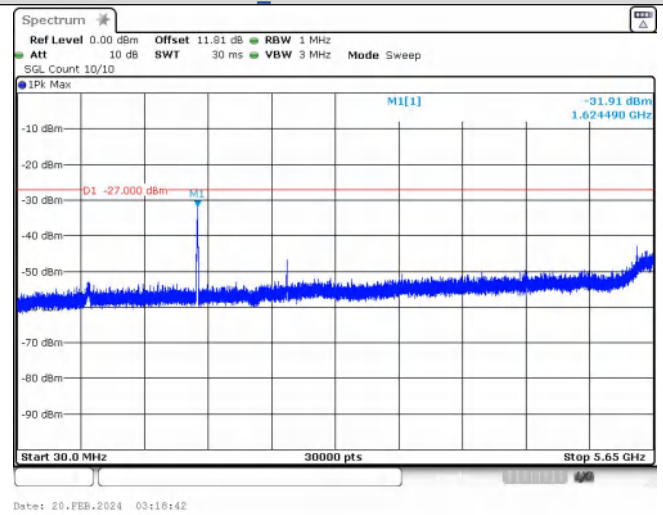
Spurious Emission:30.0~5650 MHz
IEEE 802.11ax_Channel 157_20MHz_Antenna
1_RU&Index SU



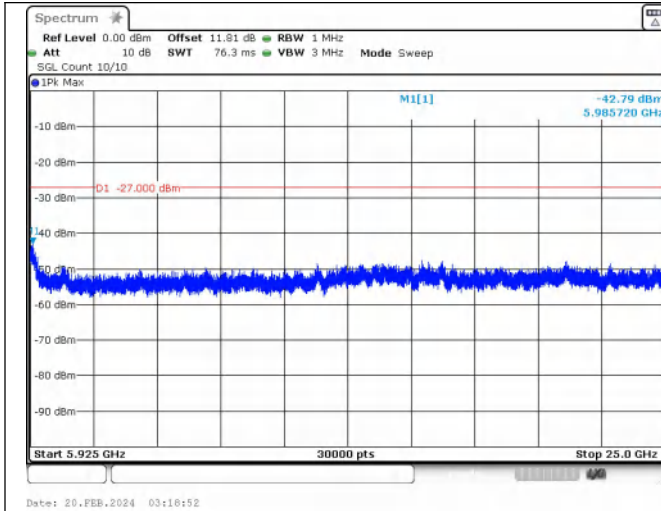
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IEEE 802.11ax_Channel 157_20MHz_Antenna
1_RU&Index SU



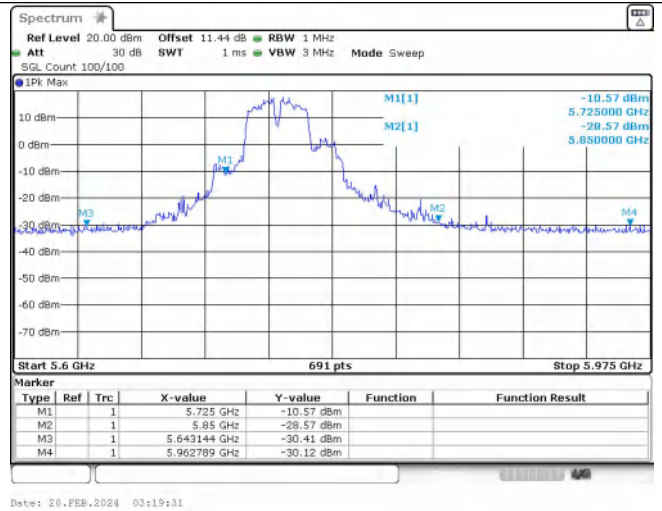
Out Of Band Emission
IEEE 802.11ax_Channel 165_20MHz_Antenna
1_RU&Index SU



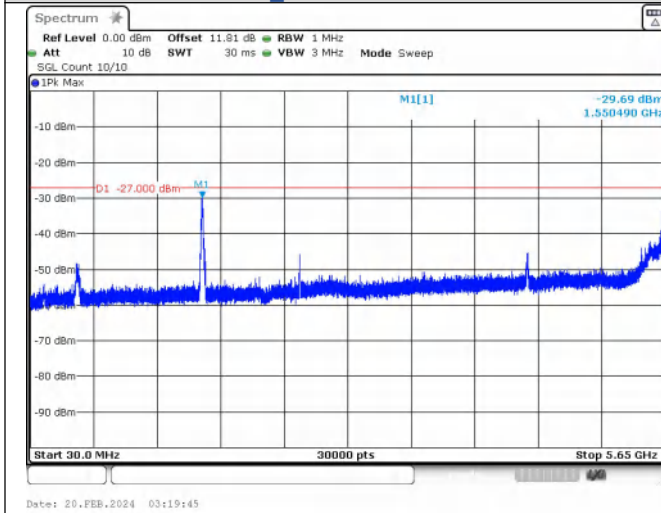
Spurious Emission:30.0~5650 MHz
IEEE 802.11ax_Channel 165_20MHz_Antenna
1_RU&Index SU



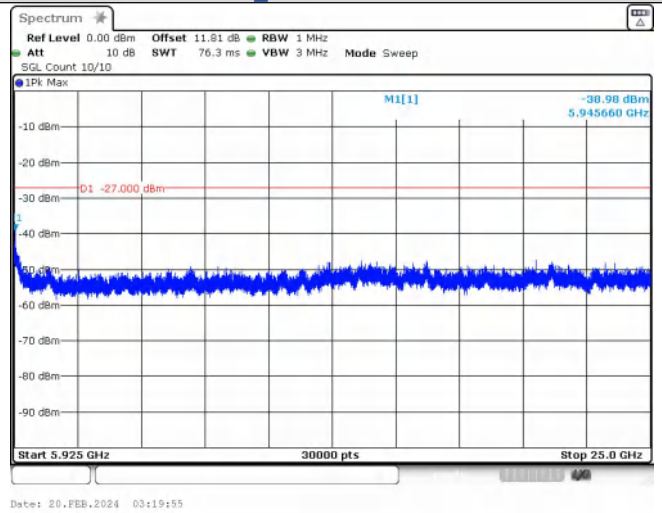
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ax_Channel 165_20MHz_Antenna
1_RU&Index SU



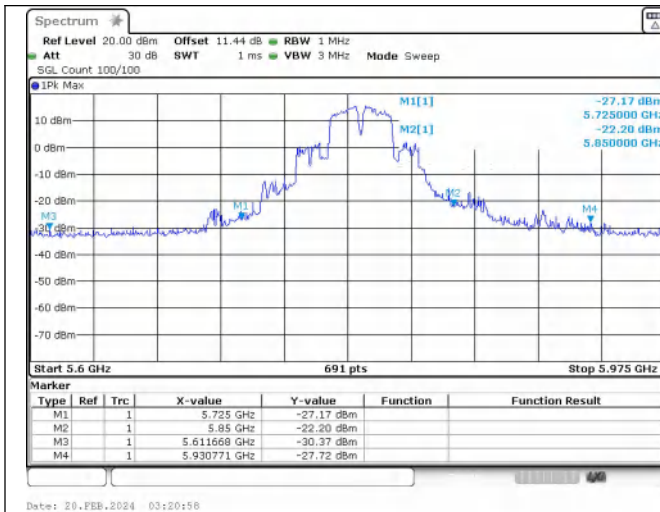
Out Of Band Emission
IEEE 802.11ax_Channel 151_40MHz_Antenna
1_RU&Index SU



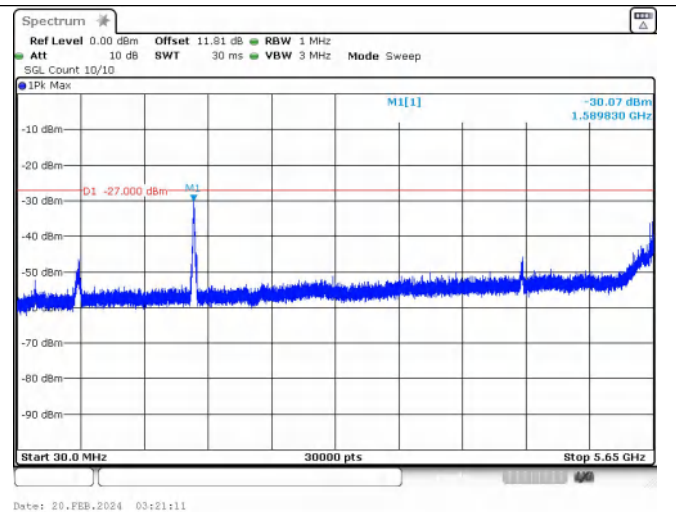
Spurious Emission:30.0~5650 MHz
IEEE 802.11ax_Channel 151_40MHz_Antenna
1_RU&Index SU



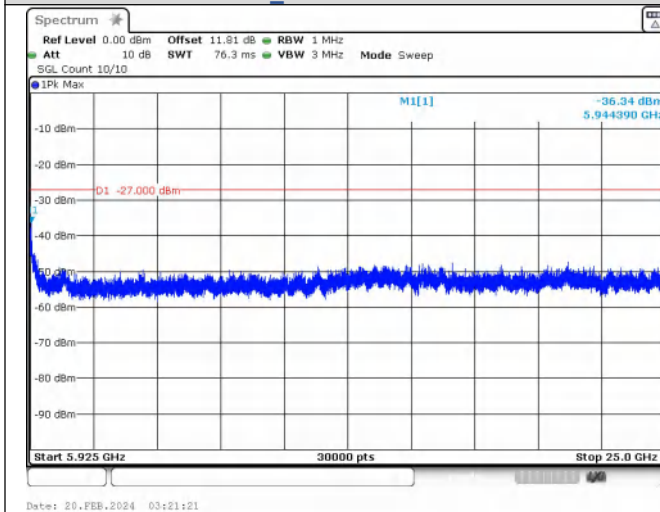
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ax_Channel 151_40MHz_Antenna
1_RU&Index SU



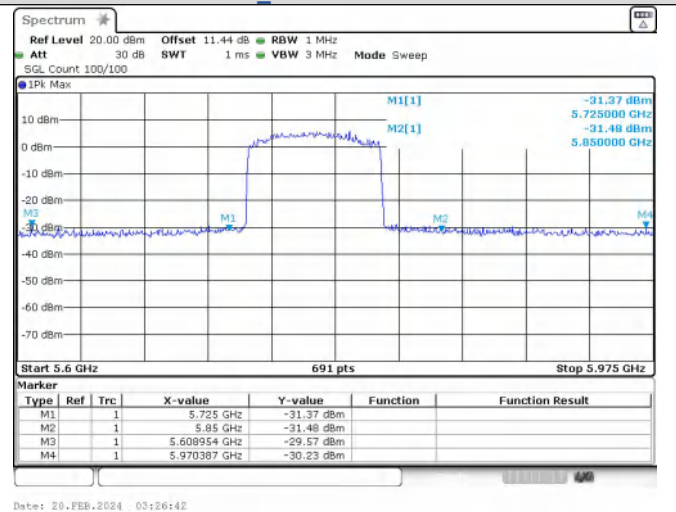
Out Of Band Emission
IEEE 802.11ax_Channel 159_40MHz_Antenna
1_RU&Index SU



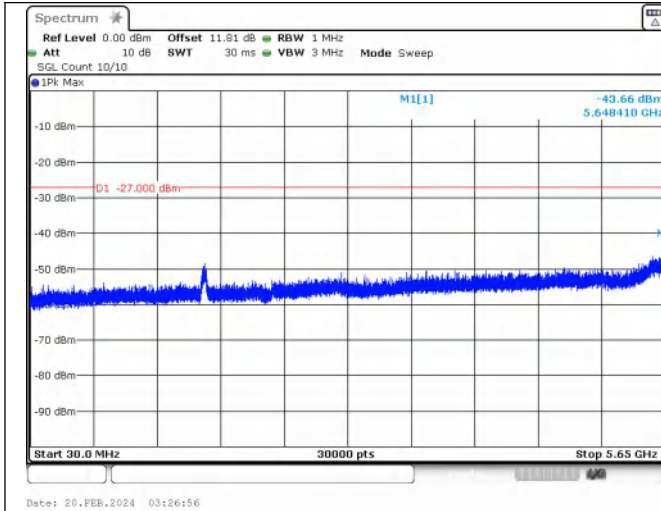
Spurious Emission:30.0~5650 MHz
IEEE 802.11ax_Channel 159_40MHz_Antenna
1_RU&Index SU



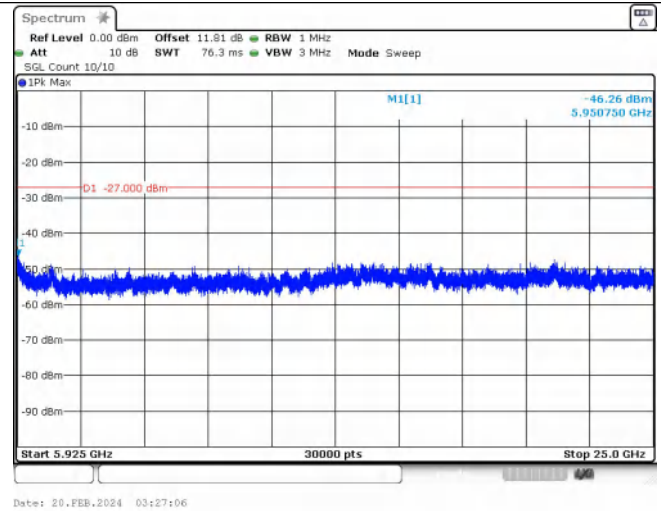
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ax_Channel 159_40MHz_Antenna
1_RU&Index SU



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



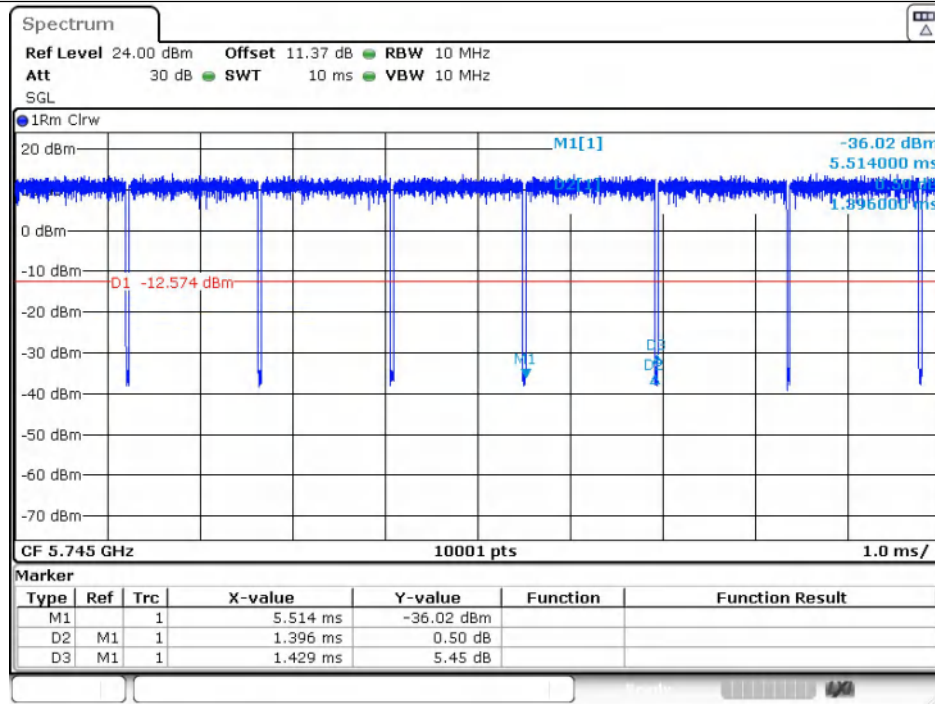
Spurious Emission:5925~25000.0 MHz
IEEE 802.11ax_Channel 155_80MHz_Antenna
1_RU&Index SU

Duty Cycle

Test Result

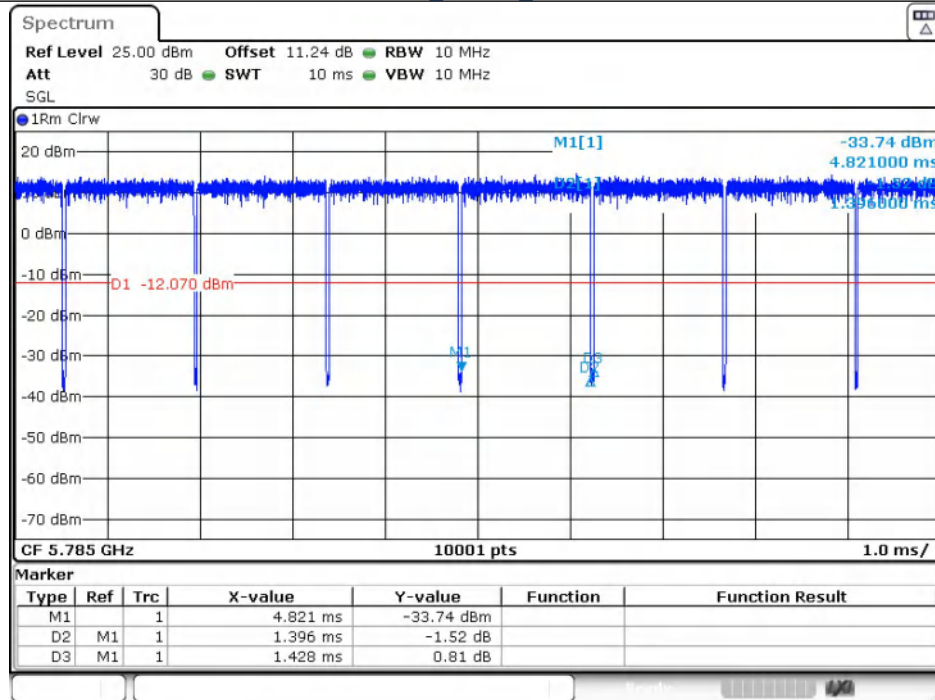
Mode	Data rates	Channel	RU & Index	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	6	149	N/A	1	1.396	1.429	97.69	0.9769	0.1015	0.72
		157			1.396	1.428	97.76	0.9776	0.0984	0.72
		165			1.396	1.429	97.69	0.9769	0.1015	0.72
IEEE 802.11n_20	149	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	MCS 0	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



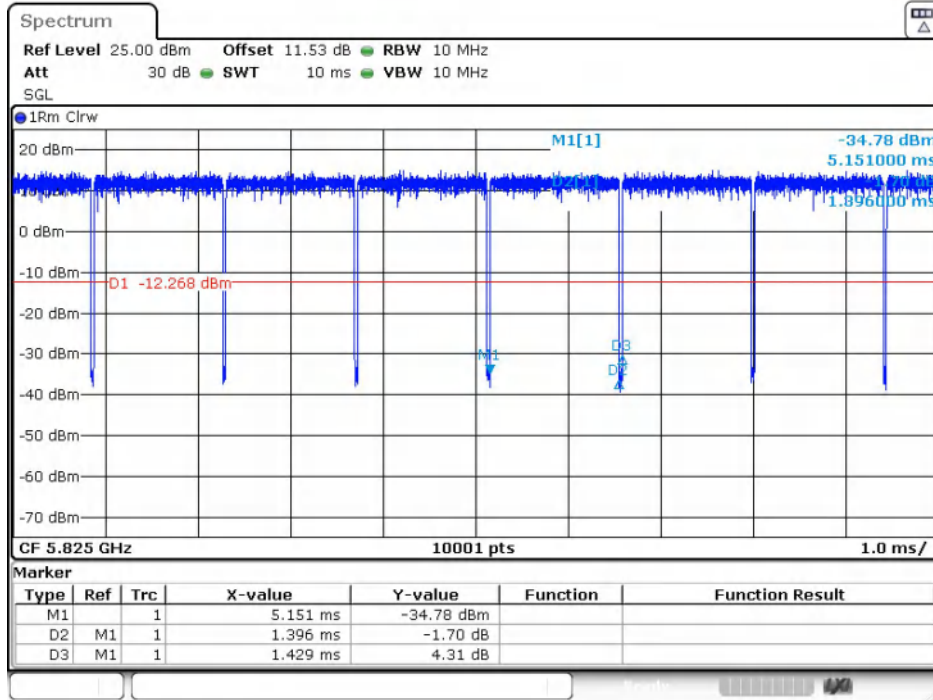
Date: 6.FEB.2024 15:03:51

IEEE 802.11a_20MHz_Channel 149



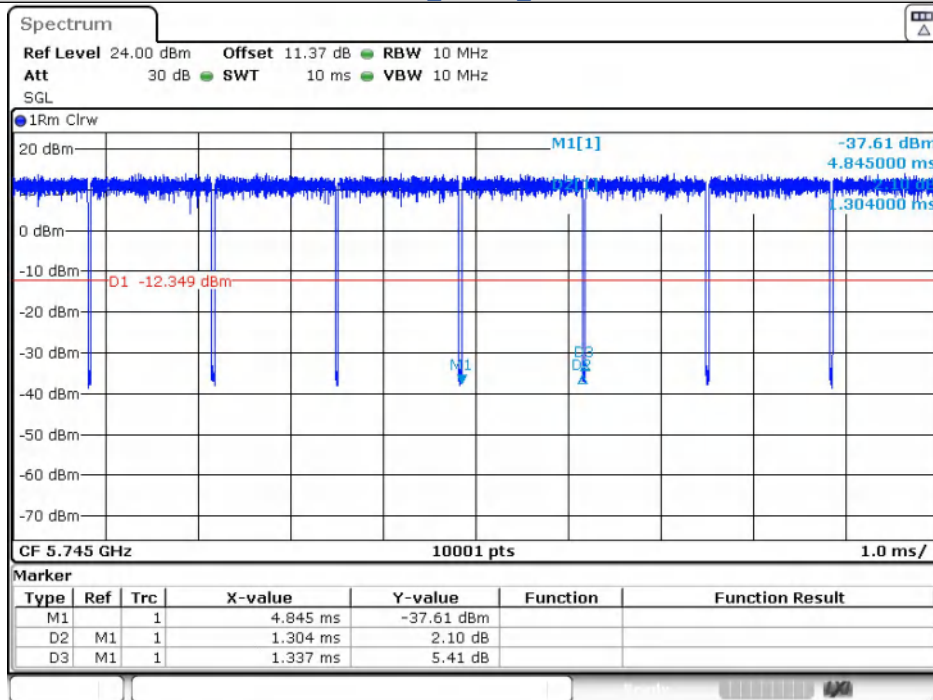
Date: 6.FEB.2024 15:06:40

IEEE 802.11a_20MHz_Channel 157



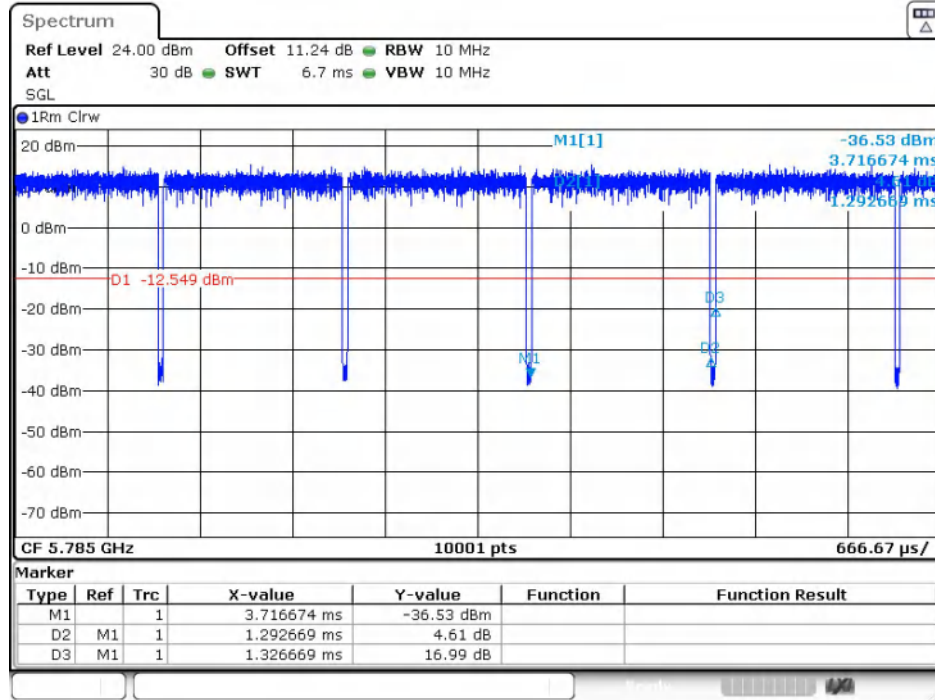
Date: 6.FEB.2024 15:10:10

IEEE 802.11a_20MHz_Channel 165



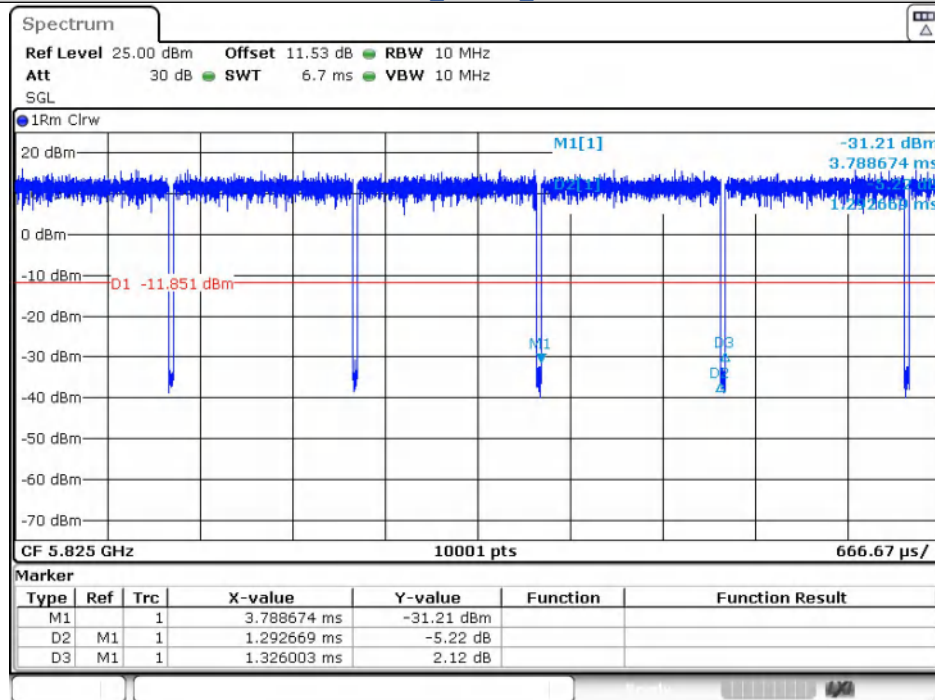
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IEEE 802.11n_20MHz_Channel 149



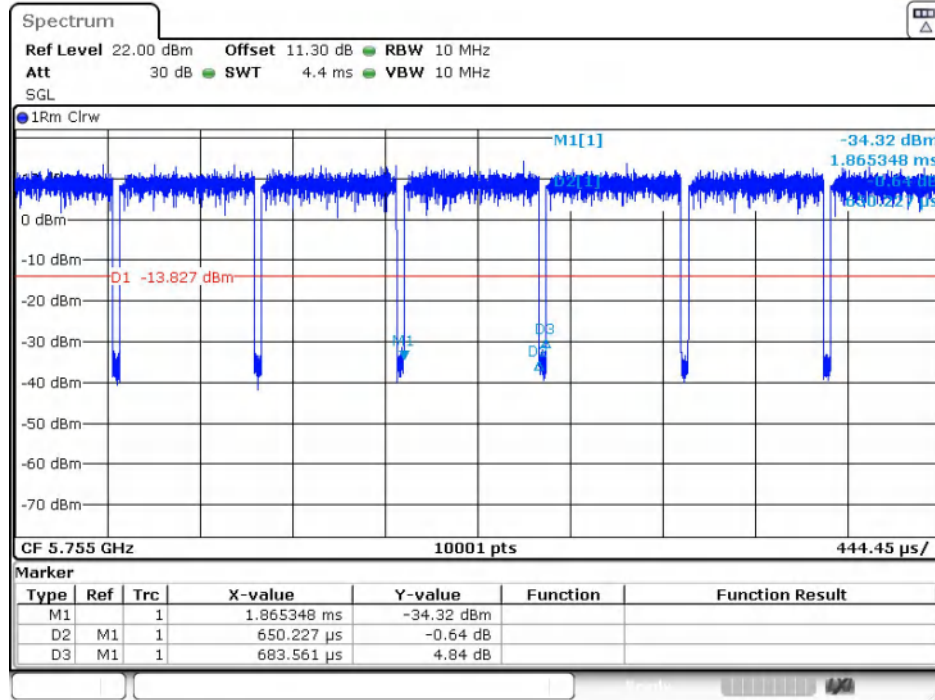
Date: 6.FEB.2024 15:15:29

IEEE 802.11n_20MHz_Channel 157



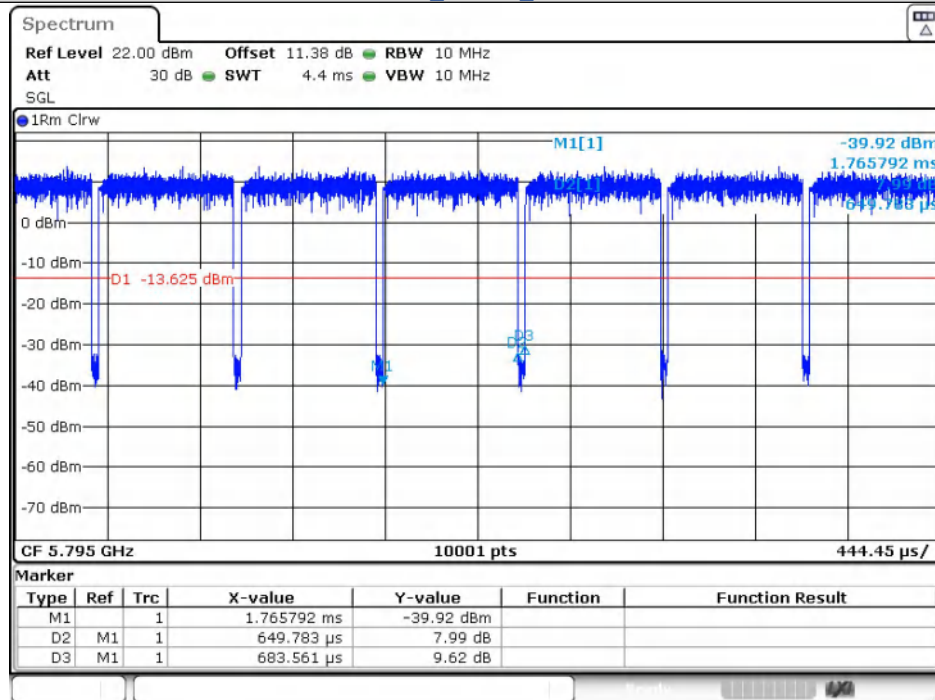
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IEEE 802.11n_20MHz_Channel 165



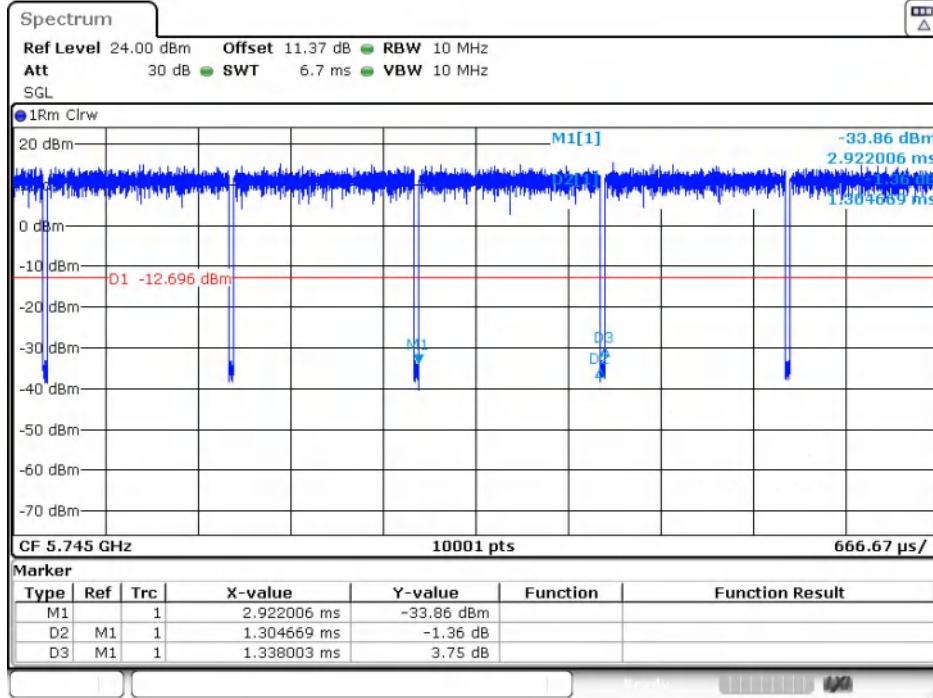
Date: 6.FEB.2024 15:21:13

IEEE 802.11n_40MHz_Channel 151



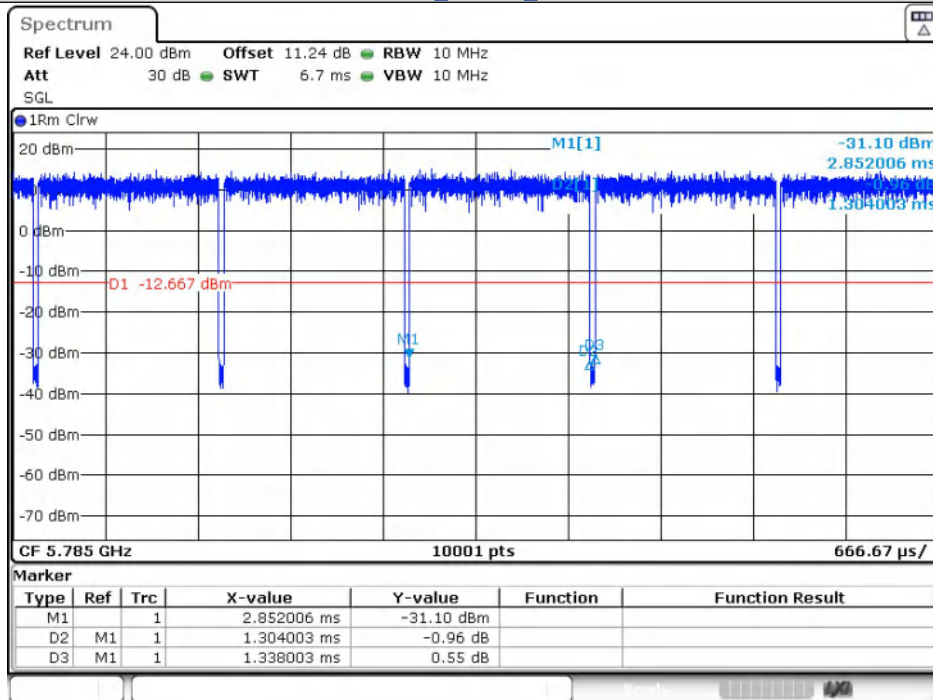
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IEEE 802.11n_40MHz_Channel 159



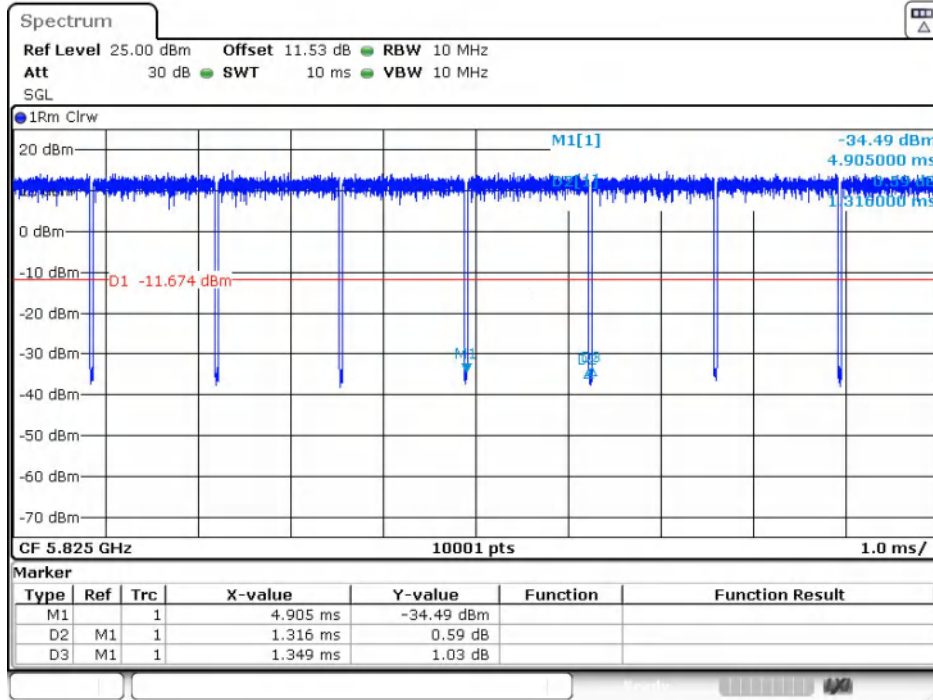
Date: 6.FEB.2024 15:26:51

IEEE 802.11ac_20MHz_Channel 149



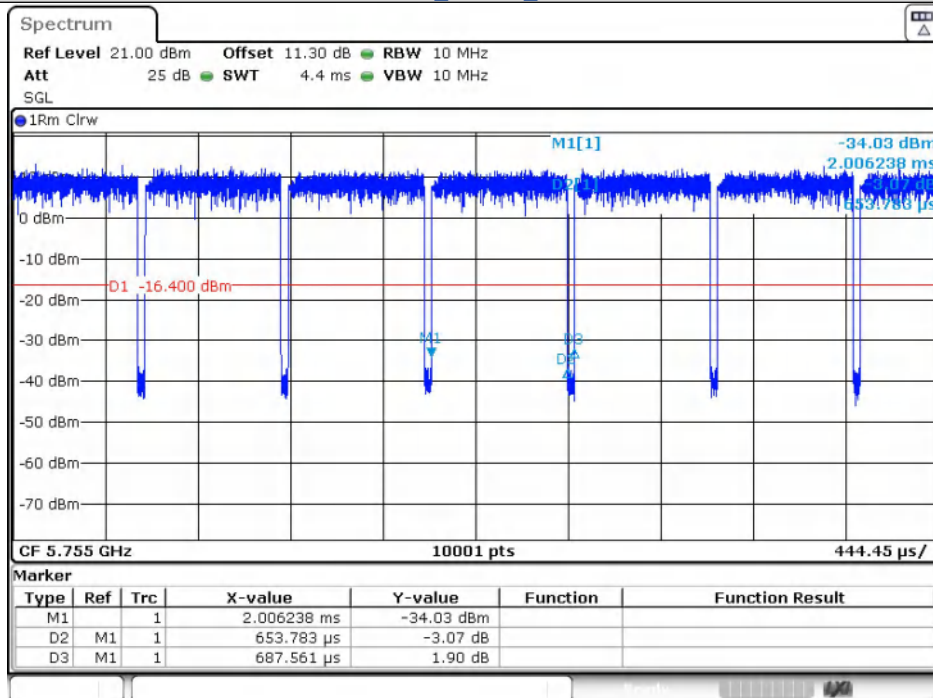
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IEEE 802.11ac_20MHz_Channel 157



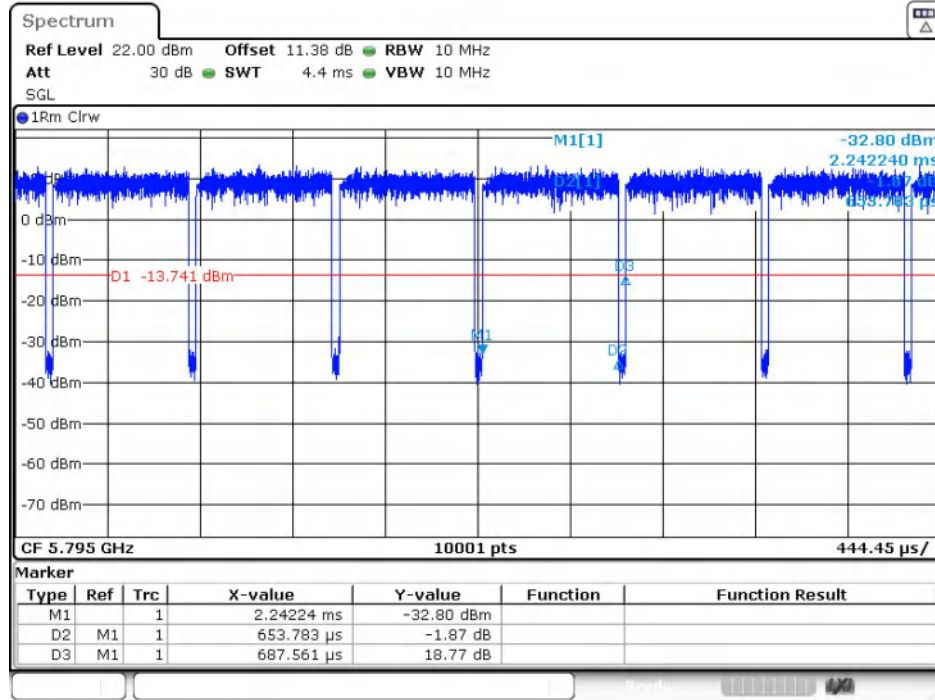
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IEEE 802.11ac_20MHz_Channel 165



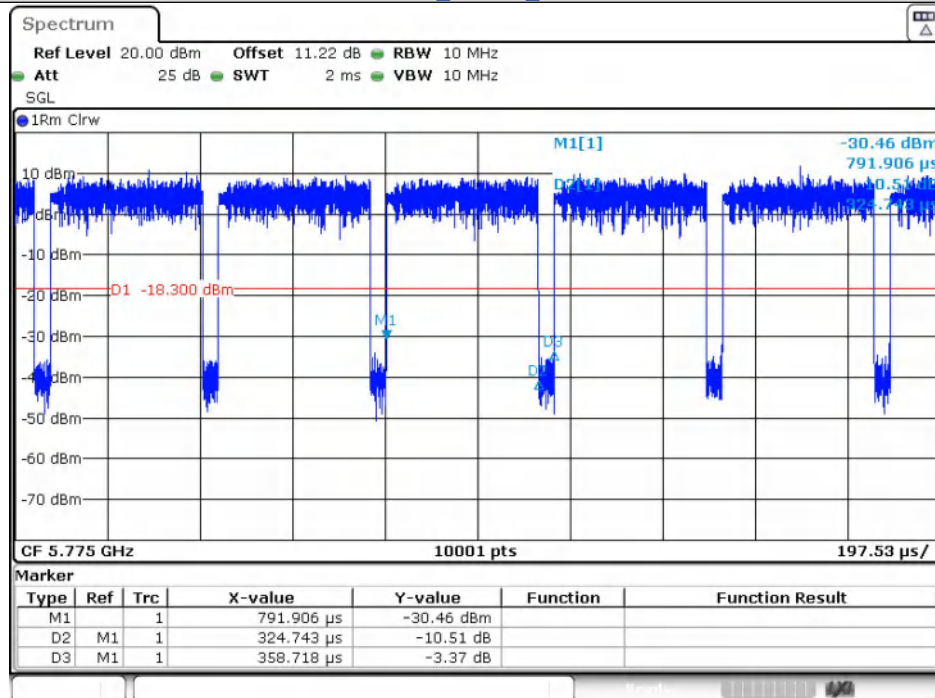
Date: 6.FEB.2024 15:34:38

IEEE 802.11ac_40MHz_Channel 151



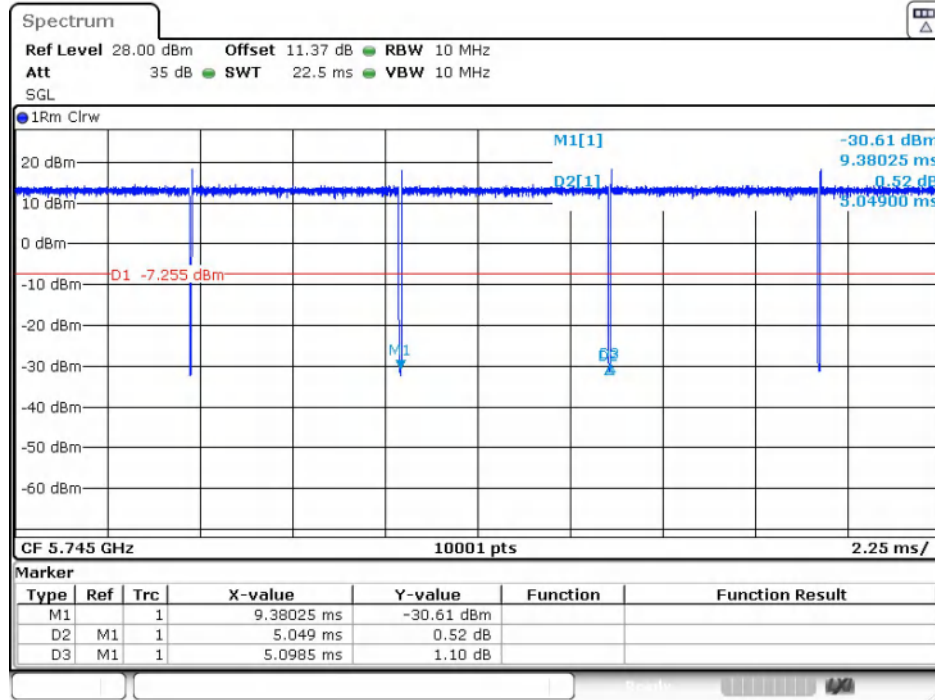
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IEEE 802.11ac_40MHz_Channel 159



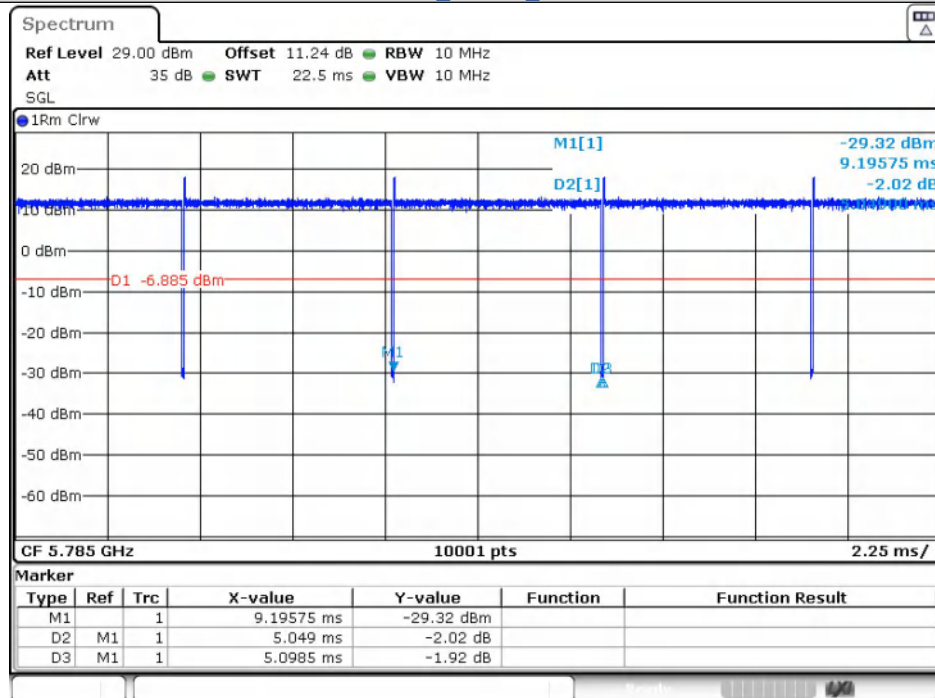
Date: 6.FEB.2024 15:40:21

IEEE 802.11ac_80MHz_Channel 155



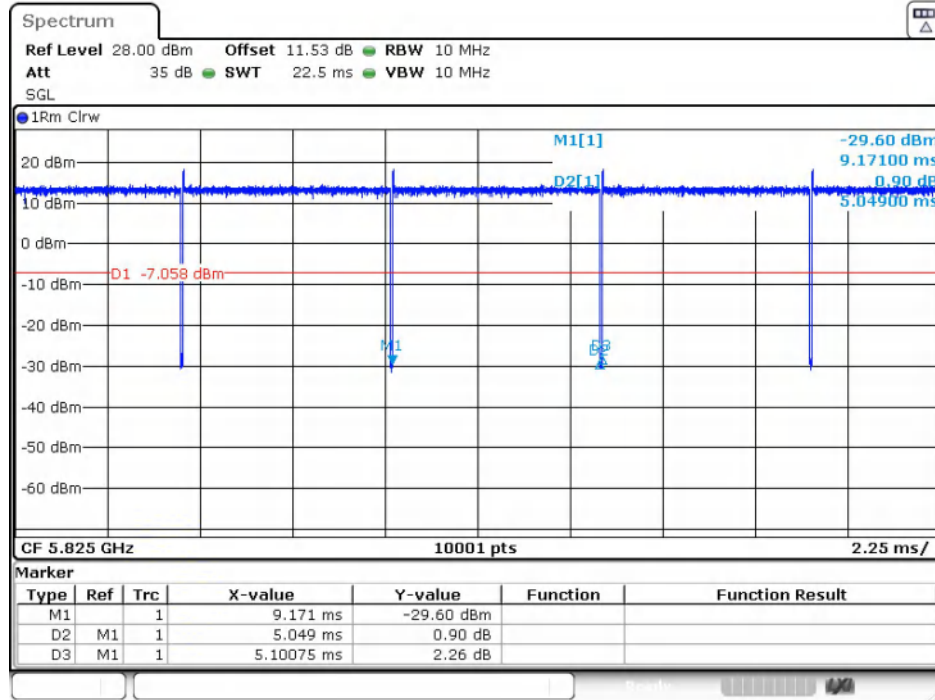
Date: 6.FEB.2024 17:51:30

IEEE 802.11ax_20MHz_Channel 149



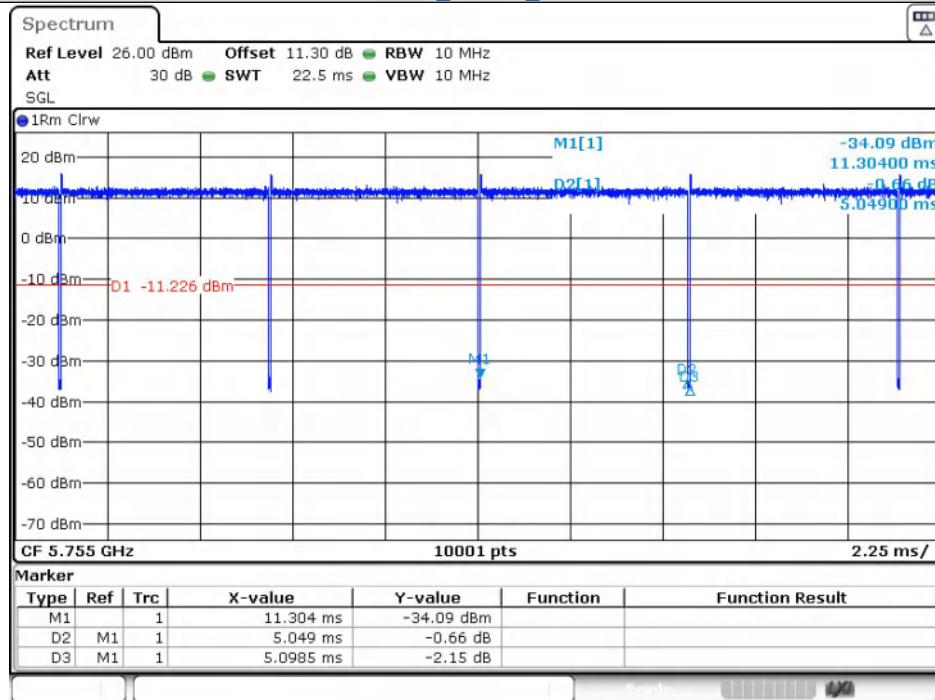
Date: 6.FEB.2024 18:03:13

IEEE 802.11ax_20MHz_Channel 157



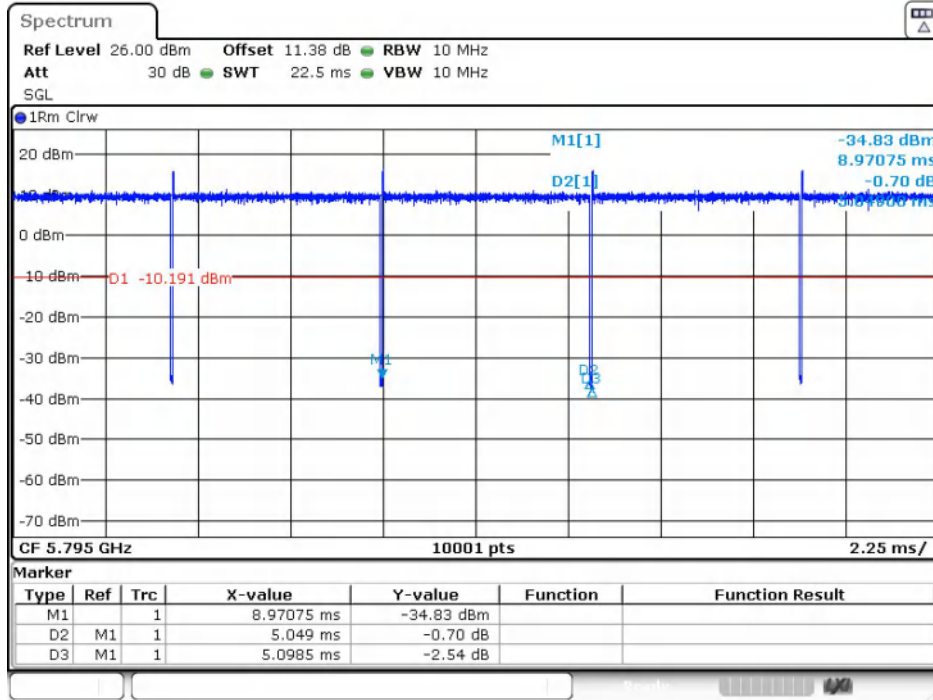
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IEEE 802.11ax_20MHz_Channel 165



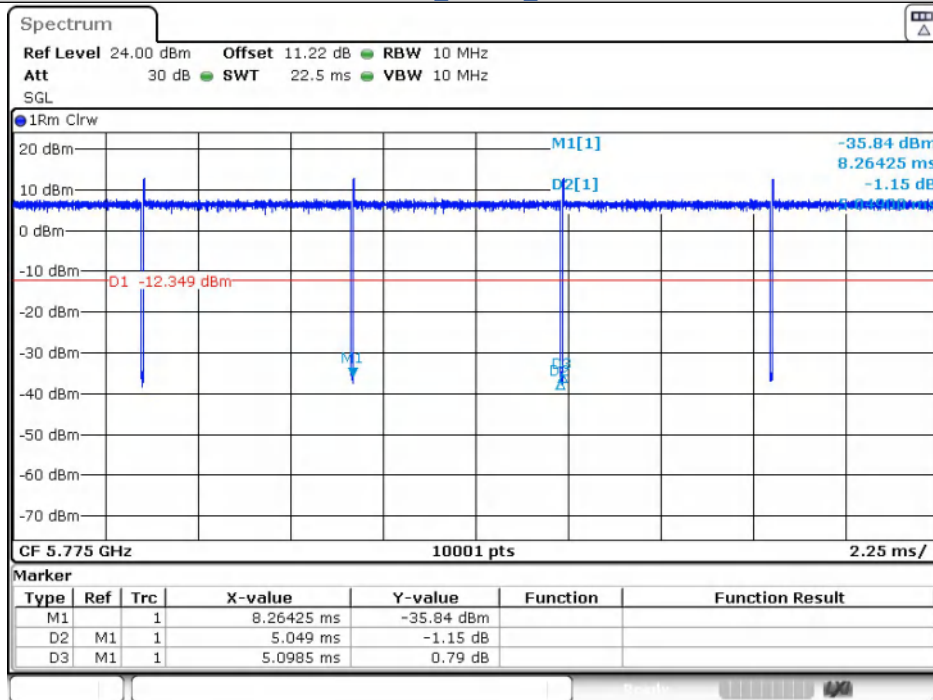
Date: 6.FEB.2024 18:12:10

IEEE 802.11ax_40MHz_Channel 151



Date: 6.FEB.2024 18:15:03

IEEE 802.11ax_40MHz_Channel 159



Date: 6.FEB.2024 18:17:49

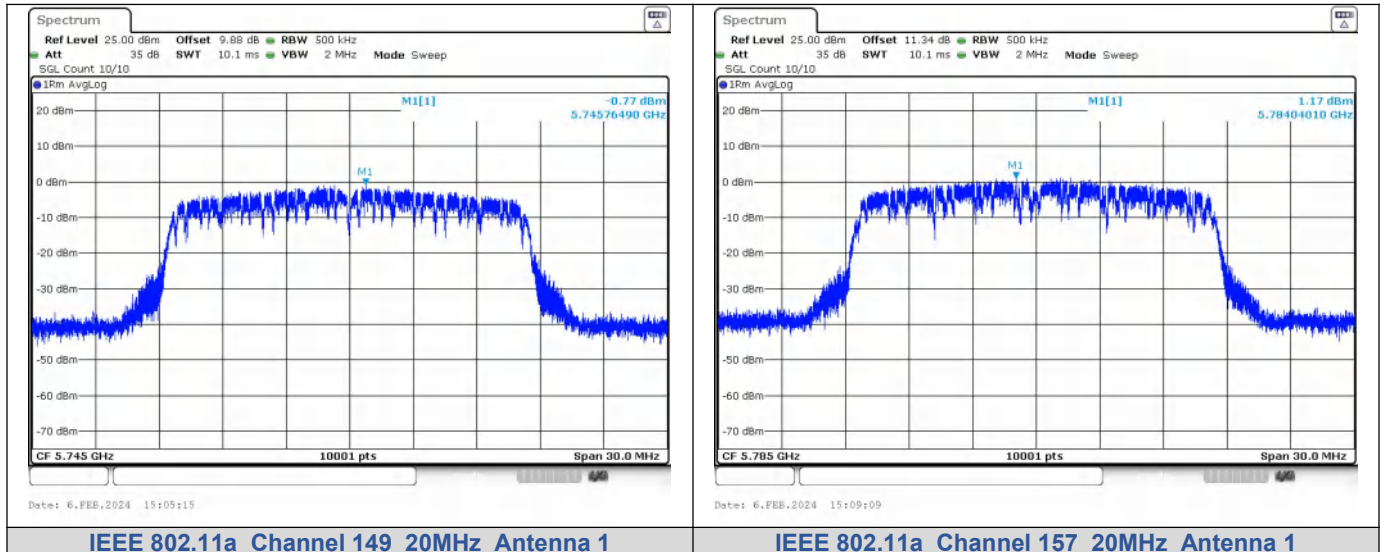
IEEE 802.11ax_80MHz_Channel 155

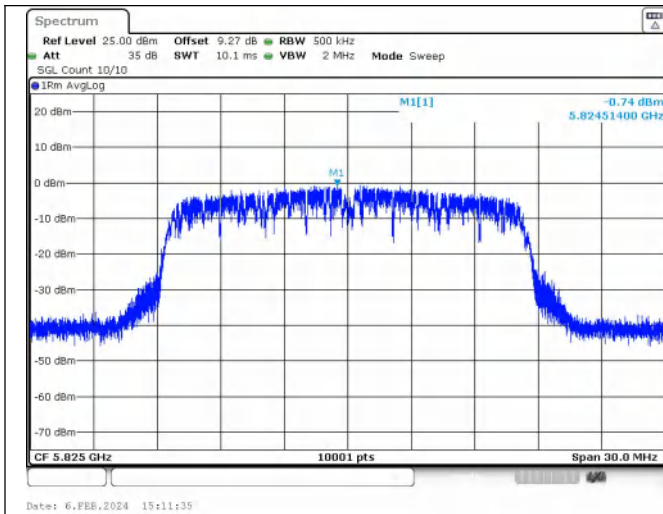
Peak Power Spectral Density

Test Result

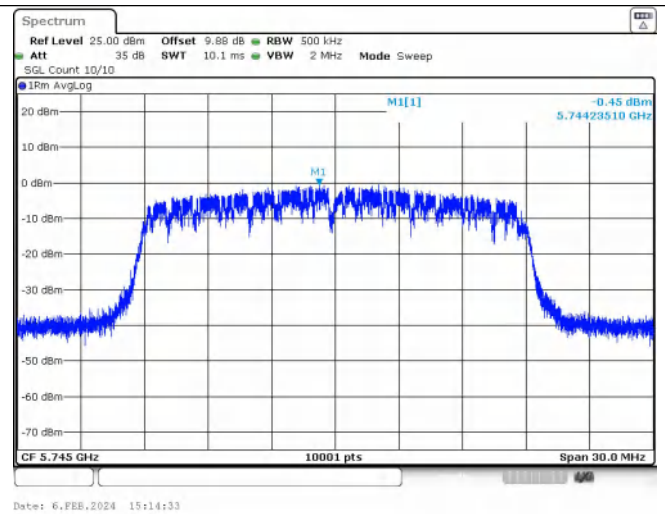
Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz or dBm/0.5MHz)	Ant. 0 Corr'd PSD (dBm/MHz or dBm/0.5MHz)	Limit (dBm/MHz or dBm/0.5MHz)	Result
IEEE 802.11a	149	N/A	-0.774	-0.672	11	PASS
	157		1.170	1.271		PASS
	165		-0.744	-0.642		PASS
IEEE 802.11n_20	149		-0.449	-0.339		PASS
	157		0.832	0.942		PASS
	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

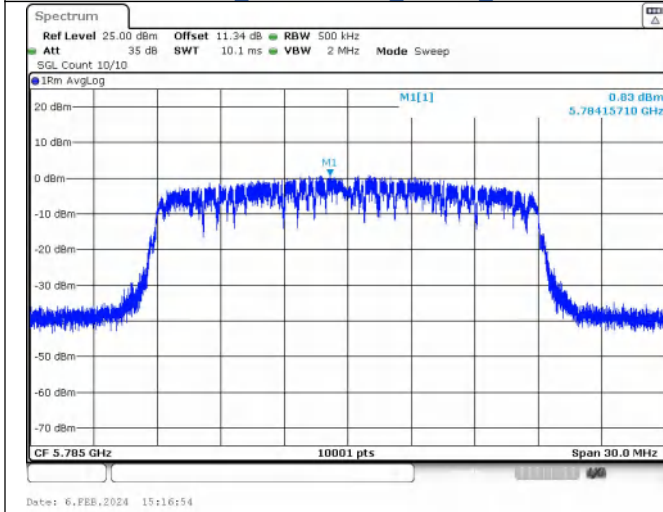




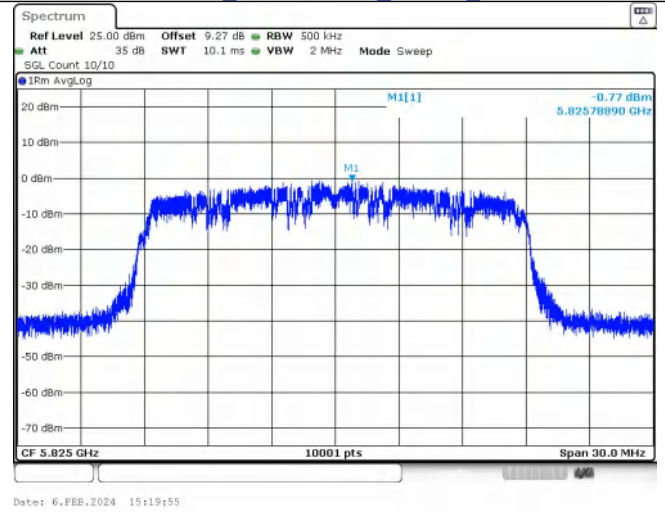
IEEE 802.11a_Channel 165_20MHz_Antenna 1



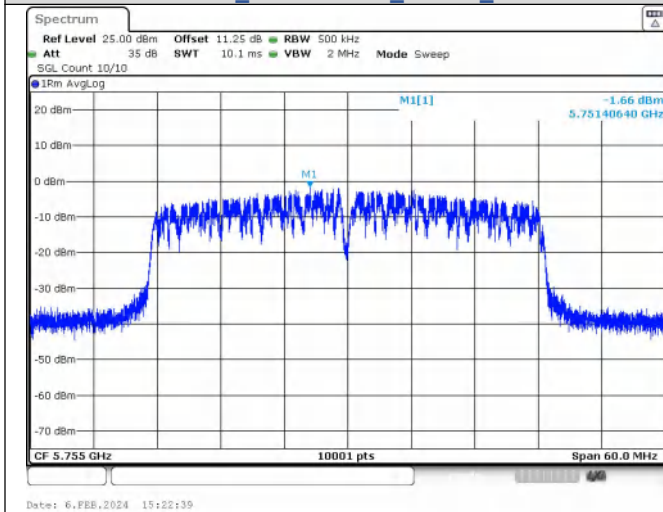
IEEE 802.11n_Channel 149_20MHz_Antenna 1



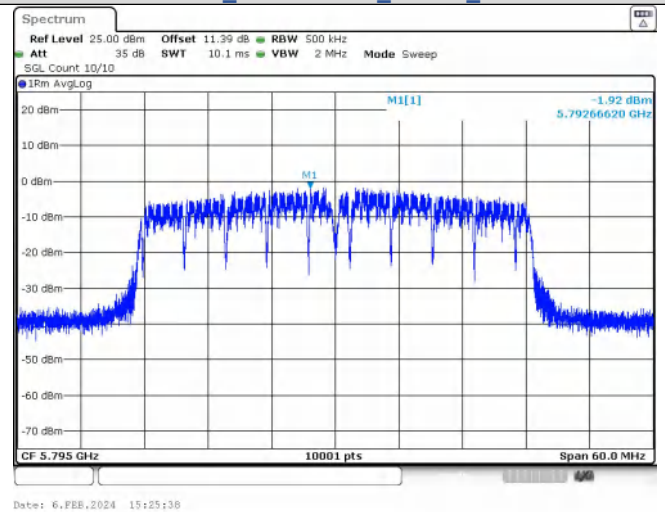
IEEE 802.11n_Channel 157_20MHz_Antenna 1



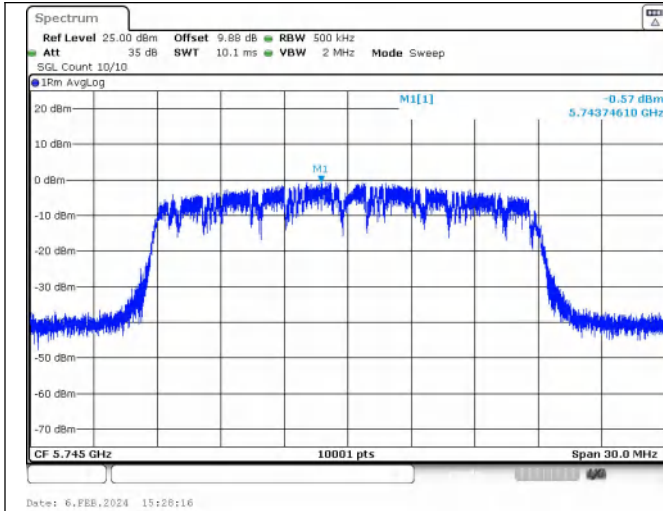
IEEE 802.11n_Channel 165_20MHz_Antenna 1



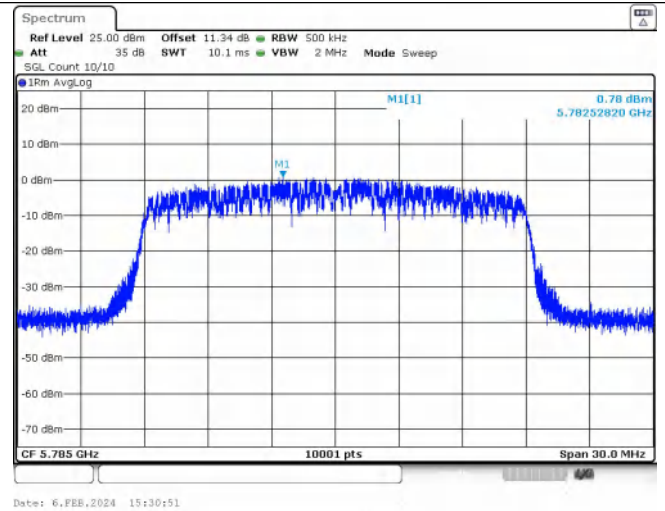
IEEE 802.11n_Channel 151_40MHz_Antenna 1



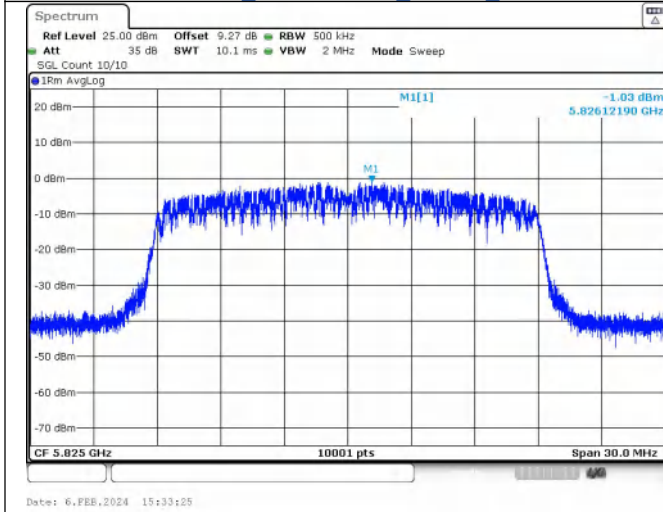
IEEE 802.11n_Channel 159_40MHz_Antenna 1



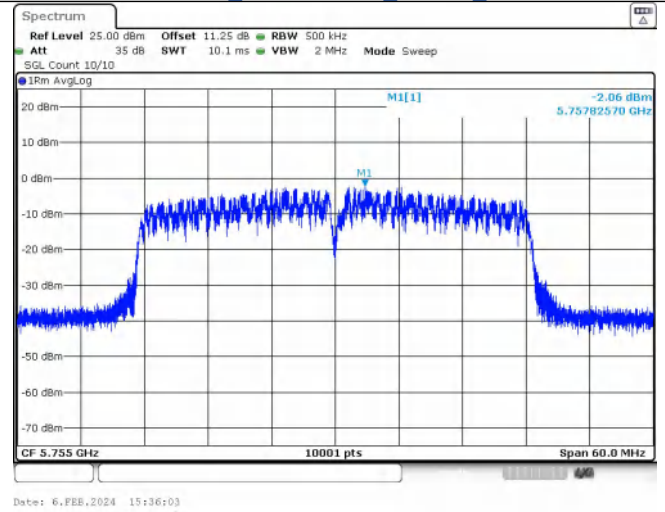
IEEE 802.11ac_Channel 149_20MHz_Antenna 1



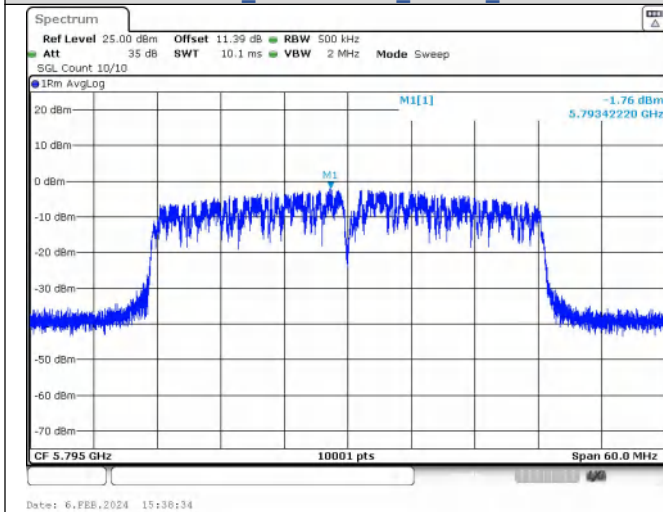
IEEE 802.11ac_Channel 157_20MHz_Antenna 1



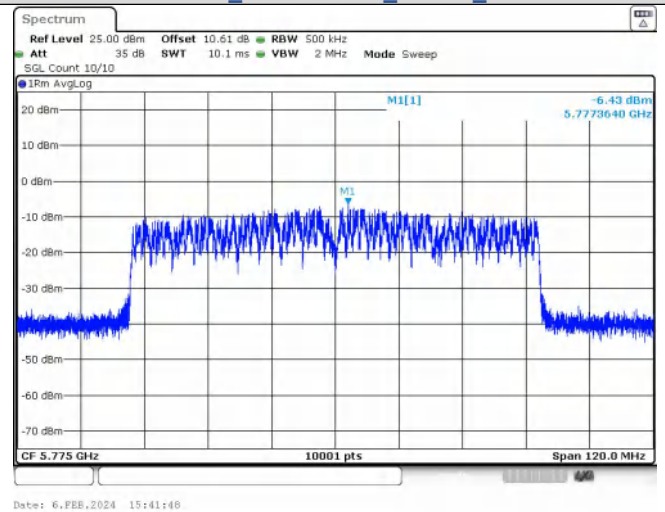
IEEE 802.11ac_Channel 165_20MHz_Antenna 1



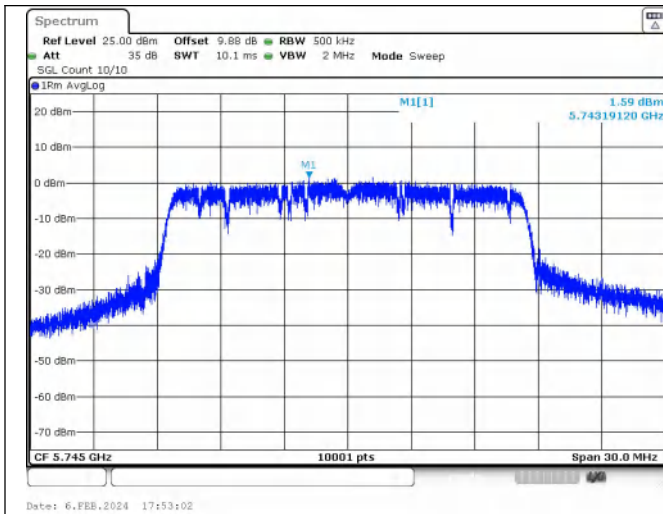
IEEE 802.11ac_Channel 151_40MHz_Antenna 1



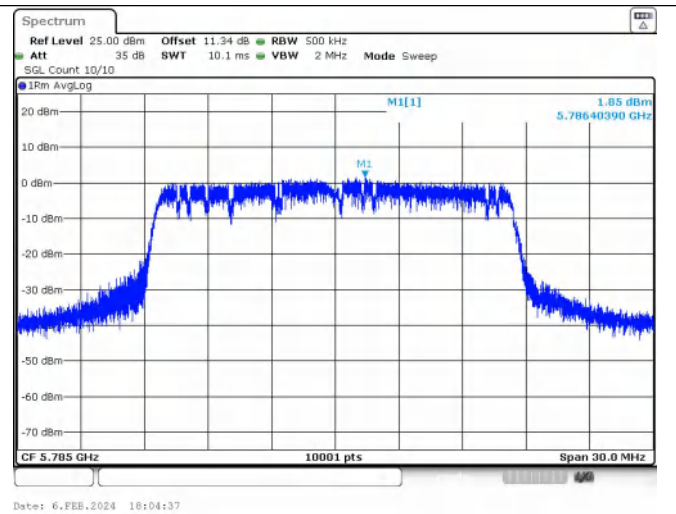
IEEE 802.11ac_Channel 159_40MHz_Antenna 1



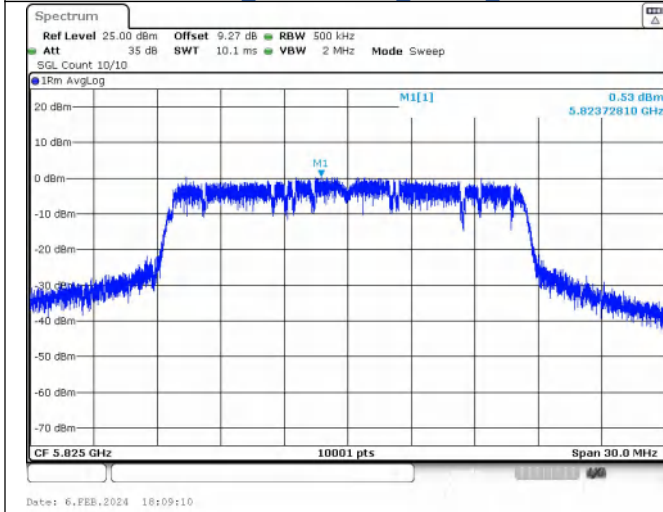
IEEE 802.11ac_Channel 155_80MHz_Antenna 1



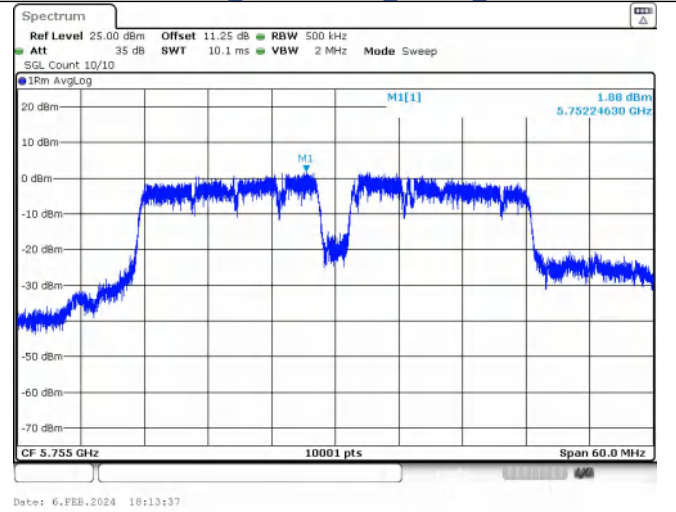
IEEE 802.11ax_Channel 149_20MHz_Antenna 1



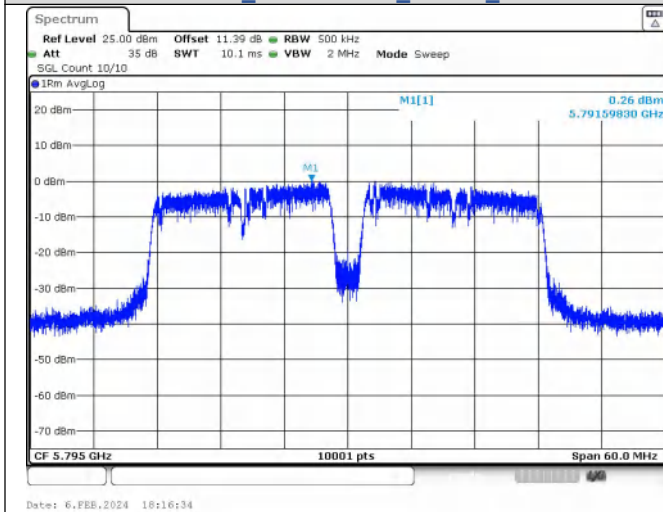
IEEE 802.11ax_Channel 157_20MHz_Antenna 1



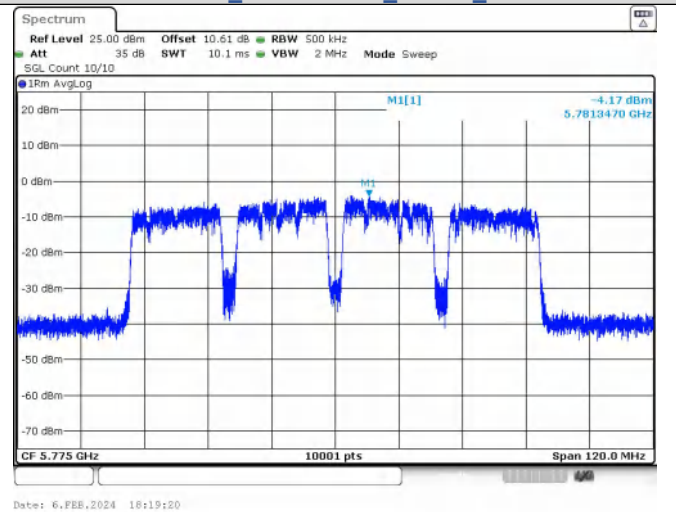
IEEE 802.11ax_Channel 165_20MHz_Antenna 1



IEEE 802.11ax_Channel 151_40MHz_Antenna 1



IEEE 802.11ax_Channel 159_40MHz_Antenna 1



IEEE 802.11ax_Channel 155_80MHz_Antenna 1