

8) Conducted Spurious & Band Edge 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	0	5509.03	-37.870	-27	-10.870	PASS
				5612.19	-30.574	-27	-3.574	PASS
				5725.00	-33.440	27	-60.440	PASS
				5850.00	-32.630	27	-59.630	PASS
				5938.67	-39.280	-27	-12.280	PASS
				5943.93	-29.987	-27	-2.987	PASS
			1	4800.16	-43.290	-27	-16.290	PASS
				5605.29	-36.759	-27	-9.759	PASS
				5725.00	-40.880	27	-67.880	PASS
				5850.00	-39.790	27	-66.790	PASS
				5930.34	-37.082	-27	-10.082	PASS
				6921.67	-43.370	-27	-16.370	PASS
	157		0	5553.62	-38.590	-27	-11.590	PASS
				5613.51	-36.626	-27	-9.626	PASS
				5725.00	-39.350	27	-66.350	PASS
				5850.00	-39.230	27	-66.230	PASS
				5952.28	-35.233	-27	-8.233	PASS
				22038.0	-39.130	-27	-12.130	PASS
			1	5581.34	-43.170	-27	-16.170	PASS
				5609.50	-37.091	-27	-10.091	PASS
				5725.00	-40.190	27	-67.190	PASS
				5850.00	-40.130	27	-67.130	PASS
				5954.64	-37.061	-27	-10.061	PASS
				16841.9	-44.200	-27	-17.200	PASS
	165		0	4660.41	-38.800	-27	-11.800	PASS
				5635.52	-36.570	-27	-9.570	PASS
				5725.00	-38.550	27	-65.550	PASS
				5850.00	-37.630	27	-64.630	PASS
				5964.20	-35.679	-27	-8.679	PASS
				22039.9	-39.310	-27	-12.310	PASS
			1	5490.86	-43.160	-27	-16.160	PASS
				5612.11	-37.404	-27	-10.404	PASS
				5725.00	-40.470	27	-67.470	PASS
				5850.00	-39.180	27	-66.180	PASS
				5955.67	-37.209	-27	-10.209	PASS
				22026.5	-43.650	-27	-16.650	PASS
IEEE	149	0	5585.09	-38.550	-27	-11.550	PASS	

802.11n_20				5610.03	-36.318	-27	-9.318	PASS	
				5725.00	-38.180	27	-65.180	PASS	
				5850.00	-39.120	27	-66.120	PASS	
				5926.87	-36.054	-27	-9.054	PASS	
				5985.09	-39.600	-27	-12.600	PASS	
			1	5536.57	-43.560	-27	-16.560	PASS	
				5633.81	-36.952	-27	-9.952	PASS	
				5725.00	-40.360	27	-67.360	PASS	
				5850.00	-39.660	27	-66.660	PASS	
				5970.79	-37.036	-27	-10.036	PASS	
				22048.1	-44.000	-27	-17.000	PASS	
			0	5585.09	-37.200	-27	-10.200	PASS	
				5616.36	-36.488	-27	-9.488	PASS	
				5725.00	-39.810	27	-66.810	PASS	
				5850.00	-40.030	27	-67.030	PASS	
	5935.25			-35.497	-27	-8.497	PASS		
	5946.30			-39.830	-27	-12.830	PASS		
	1		5565.79	-42.330	-27	-15.330	PASS		
			5611.08	-36.825	-27	-9.825	PASS		
			5725.00	-40.510	27	-67.510	PASS		
			5850.00	-40.380	27	-67.380	PASS		
			5944.22	-36.682	-27	-9.682	PASS		
			21953.4	-43.850	-27	-16.850	PASS		
	165		0	5170.33	-38.810	-27	-11.810	PASS	
				5614.51	-36.400	-27	-9.400	PASS	
				5725.00	-39.660	27	-66.660	PASS	
				5850.00	-37.980	27	-64.980	PASS	
				5935.94	-36.033	-27	-9.033	PASS	
				6066.47	-39.660	-27	-12.660	PASS	
			1	5581.90	-42.580	-27	-15.580	PASS	
				5627.16	-36.836	-27	-9.836	PASS	
				5725.00	-39.490	27	-66.490	PASS	
				5850.00	-40.420	27	-67.420	PASS	
	IEEE 802.11n_40		151	0	5579.09	-38.210	-27	-11.210	PASS
					5632.89	-36.517	-27	-9.517	PASS
5725.00		-39.360			27	-66.360	PASS		
5850.00		-38.640			27	-65.640	PASS		
5948.98		-35.827			-27	-8.827	PASS		
21992.8		-39.770			-27	-12.770	PASS		
1		4604.21		-43.140	-27	-16.140	PASS		
		5608.91		-37.421	-27	-10.421	PASS		
		5725.00		-40.390	27	-67.390	PASS		
		5850.00		-38.550	27	-65.550	PASS		

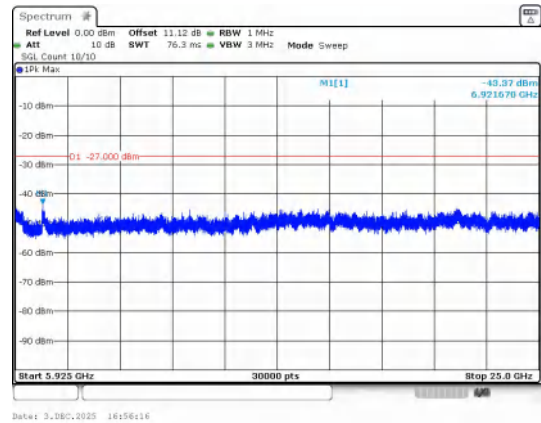
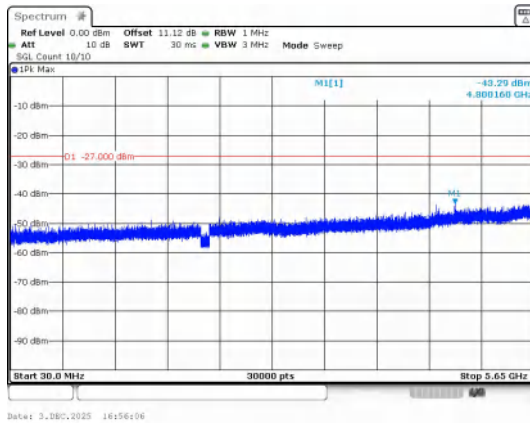
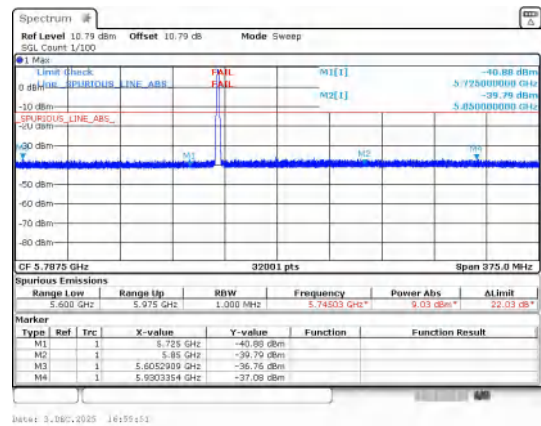
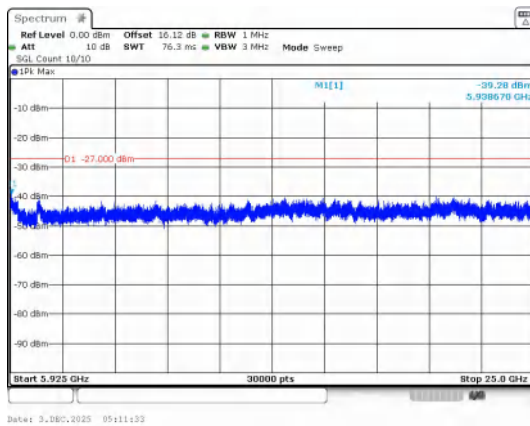
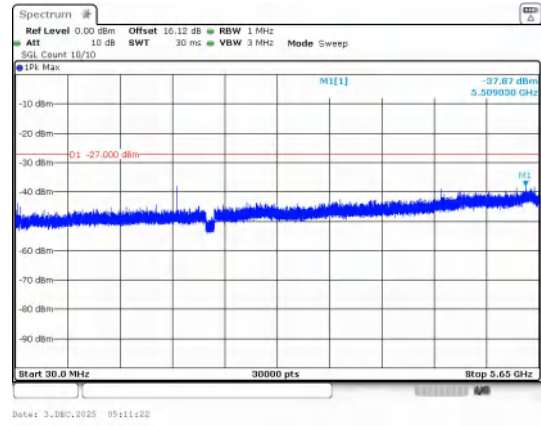
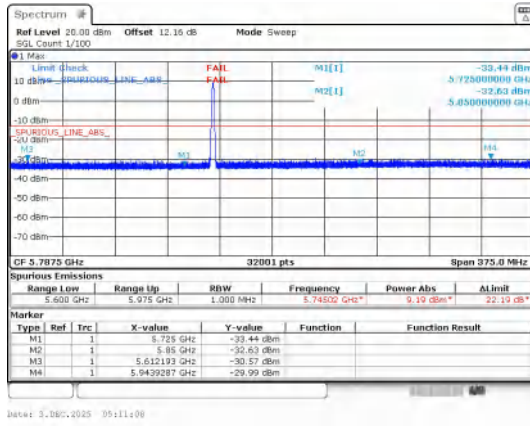
	159			5945.33	-36.633	-27	-9.633	PASS
				5975.55	-43.910	-27	-16.910	PASS
			0	5551.93	-38.390	-27	-11.390	PASS
				5646.41	-36.060	-27	-9.060	PASS
				5725.00	-39.850	27	-66.850	PASS
				5850.00	-38.100	27	-65.100	PASS
				5954.87	-36.329	-27	-9.329	PASS
				21978.8	-39.380	-27	-12.380	PASS
			1	4636.25	-42.520	-27	-15.520	PASS
				5634.79	-37.133	-27	-10.133	PASS
				5725.00	-39.530	27	-66.530	PASS
				5850.00	-39.090	27	-66.090	PASS
				5948.02	-36.633	-27	-9.633	PASS
				21896.8	-44.480	-27	-17.480	PASS
IEEE 802.11ac_20	149		0	5466.13	-37.020	-27	-10.020	PASS
				5639.38	-35.954	-27	-8.954	PASS
				5725.00	-38.530	27	-65.530	PASS
				5850.00	-38.690	27	-65.690	PASS
				5931.47	-35.349	-27	-8.349	PASS
				5962.83	-38.300	-27	-11.300	PASS
			1	4799.98	-42.740	-27	-15.740	PASS
				5609.92	-37.143	-27	-10.143	PASS
				5725.00	-39.240	27	-66.240	PASS
				5850.00	-39.040	27	-66.040	PASS
				5973.42	-36.548	-27	-9.548	PASS
				22052.0	-44.270	-27	-17.270	PASS
	157		0	5536.57	-37.660	-27	-10.660	PASS
				5646.67	-35.728	-27	-8.728	PASS
				5725.00	-39.140	27	-66.140	PASS
				5850.00	-37.410	27	-64.410	PASS
				5960.74	-34.852	-27	-7.852	PASS
				5985.09	-38.330	-27	-11.330	PASS
			1	5127.06	-43.210	-27	-16.210	PASS
				5617.75	-37.190	-27	-10.190	PASS
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				5850.00	-39.490	27	-66.490	PASS
				5926.44	-36.510	-27	-9.510	PASS
				24300.9	-44.390	-27	-17.390	PASS
	165		0	5586.78	-38.100	-27	-11.100	PASS
				5618.53	-35.774	-27	-8.774	PASS
				5725.00	-39.440	27	-66.440	PASS
				5850.00	-38.350	27	-65.350	PASS
				5943.95	-35.479	-27	-8.479	PASS
				22045.6	-39.160	-27	-12.160	PASS
			1	5554.18	-43.780	-27	-16.780	PASS

				5632.50	-36.676	-27	-9.676	PASS
				5725.00	-39.710	27	-66.710	PASS
				5850.00	-39.600	27	-66.600	PASS
				5945.96	-36.789	-27	-9.789	PASS
				15869.1	-44.120	-27	-17.120	PASS
IEEE 802.11ac_40	151		0	904.75	-36.210	-27	-9.210	PASS
				5604.54	-35.792	-27	-8.792	PASS
				5725.00	-39.700	27	-66.700	PASS
				5850.00	-38.500	27	-65.500	PASS
				5933.12	-35.812	-27	-8.812	PASS
		21994.7		-39.410	-27	-12.410	PASS	
		1	5566.73	-43.400	-27	-16.400	PASS	
			5623.03	-37.345	-27	-10.345	PASS	
			5725.00	-41.350	27	-68.350	PASS	
			5850.00	-40.040	27	-67.040	PASS	
			5972.67	-36.733	-27	-9.733	PASS	
			22122.5	-44.180	-27	-17.180	PASS	
	159	0	4635.87	-38.010	-27	-11.010	PASS	
			5644.42	-35.576	-27	-8.576	PASS	
			5725.00	-39.100	27	-66.100	PASS	
			5850.00	-38.050	27	-65.050	PASS	
			5947.23	-35.305	-27	-8.305	PASS	
			22064.7	-38.970	-27	-11.970	PASS	
		1	5597.64	-43.630	-27	-16.630	PASS	
			5617.08	-36.245	-27	-9.245	PASS	
			5725.00	-41.140	27	-68.140	PASS	
			5850.00	-40.650	27	-67.650	PASS	
IEEE 802.11ax_20	149		0	1538.31	-34.550	-27	-7.550	PASS
				5605.13	-30.404	-27	-3.404	PASS
				5725.00	-32.960	27	-59.960	PASS
				5850.00	-32.250	27	-59.250	PASS
				5940.07	-29.216	-27	-2.216	PASS
				5952.66	-36.170	-27	-9.170	PASS
		1	5550.43	-39.790	-27	-12.790	PASS	
			5608.97	-31.708	-27	-4.708	PASS	
			5725.00	-35.060	27	-62.060	PASS	
			5850.00	-33.920	27	-60.920	PASS	
			5964.74	-41.640	-27	-14.640	PASS	
			5972.03	-30.858	-27	-3.858	PASS	
		165	0	1618.12	-32.360	-27	-5.360	PASS
				5617.58	-30.262	-27	-3.262	PASS
				5725.00	-32.570	27	-59.570	PASS
				5850.00	-33.790	27	-60.790	PASS

				5925.38	-28.704	-27	-1.704	PASS	
				6037.86	-36.080	-27	-9.080	PASS	
IEEE 802.11ax_40	151		1	1621.12	-38.650	-27	-11.650	PASS	
				5642.03	-31.591	-27	-4.591	PASS	
				5725.00	-35.090	27	-62.090	PASS	
				5850.00	-33.600	27	-60.600	PASS	
				5941.54	-30.563	-27	-3.563	PASS	
				5947.57	-41.700	-27	-14.700	PASS	
				0	5576.28	-34.480	-27	-7.480	PASS
					5600.97	-30.151	-27	-3.151	PASS
			5725.00		-34.050	27	-61.050	PASS	
			5850.00		-32.590	27	-59.590	PASS	
			5962.76		-29.297	-27	-2.297	PASS	
			6014.33		-36.410	-27	-9.410	PASS	
	1		5572.73	-40.370	-27	-13.370	PASS		
			5601.96	-31.460	-27	-4.460	PASS		
			5725.00	-34.870	27	-61.870	PASS		
			5850.00	-34.440	27	-61.440	PASS		
			5934.22	-41.770	-27	-14.770	PASS		
			5950.53	-30.602	-27	-3.602	PASS		
	0		5551.93	-35.240	-27	-8.240	PASS		
			5636.39	-30.381	-27	-3.381	PASS		
			5725.00	-32.190	27	-59.190	PASS		
			5850.00	-33.190	27	-60.190	PASS		
			5939.38	-29.161	-27	-2.161	PASS		
			6036.59	-36.610	-27	-9.610	PASS		
	1		5538.82	-40.210	-27	-13.210	PASS		
			5617.07	-30.748	-27	-3.748	PASS		
			5725.00	-34.410	27	-61.410	PASS		
			5850.00	-34.690	27	-61.690	PASS		
			5937.44	-30.323	-27	-3.323	PASS		
			5985.72	-42.090	-27	-15.090	PASS		
Note: input compensation coeffcient (dB)= Cable Loss (dB)									

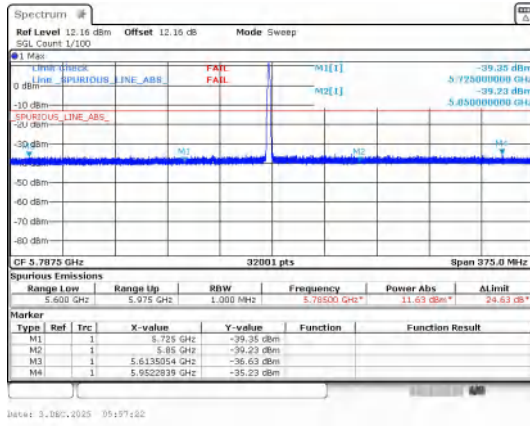
Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs

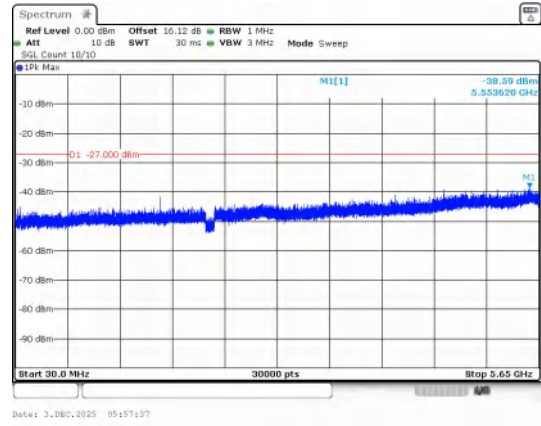


Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 1

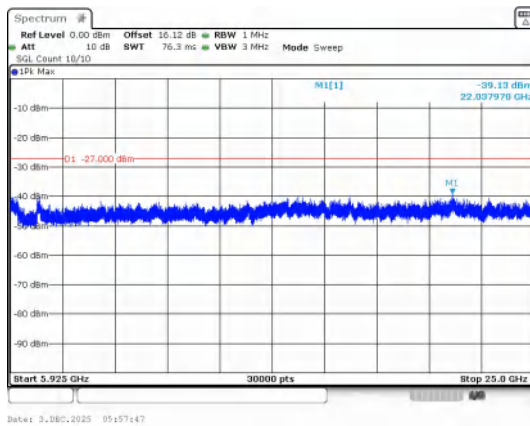
Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 149_20MHz_Antenna 1



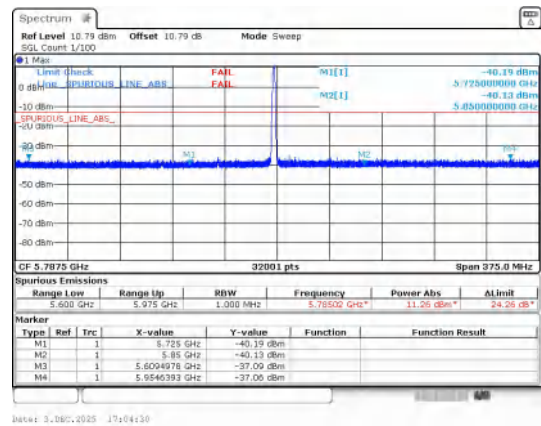
Out Of Band Emission
IEEE 802.11a_Channel 157_20MHz_Antenna 0



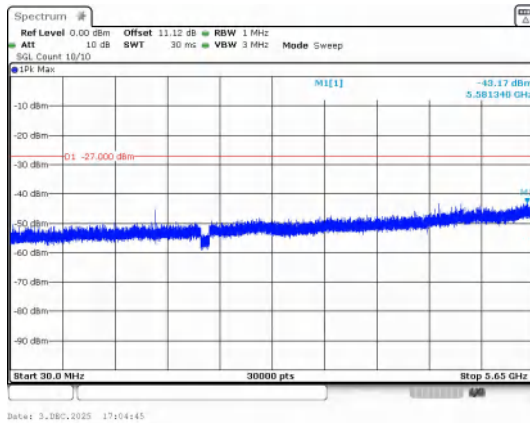
Spurious Emission:30.0~5650 MHz
IEEE 802.11a_Channel 157_20MHz_Antenna 0



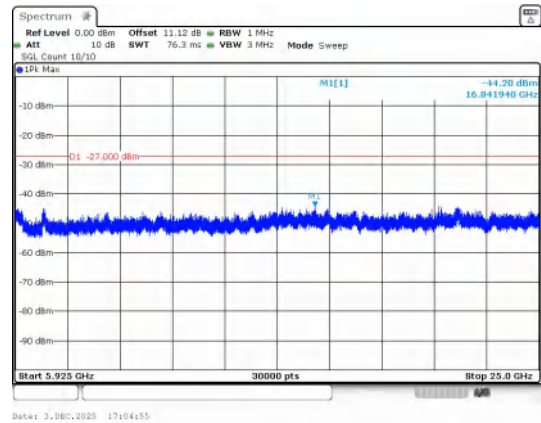
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IEEE 802.11a_Channel 157_20MHz_Antenna 0



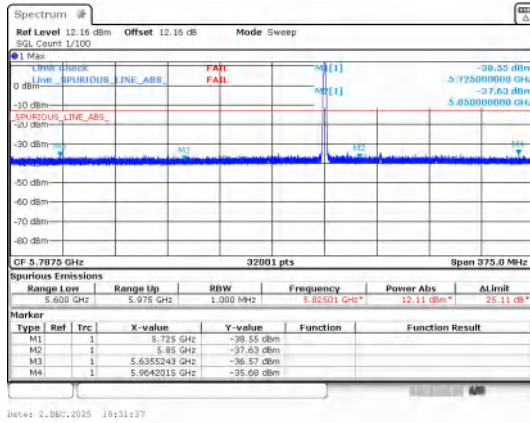
Out Of Band Emission
IEEE 802.11a_Channel 157_20MHz_Antenna 1



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

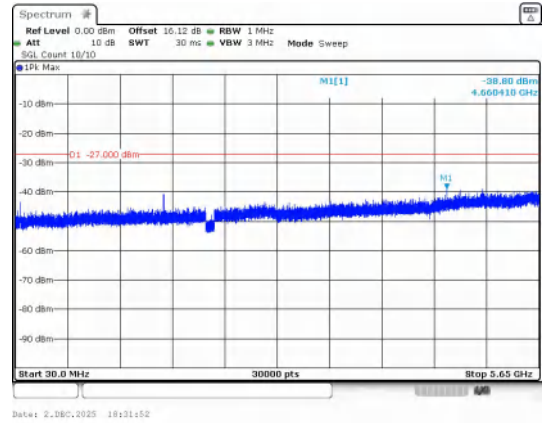


Spurious Emission:5925~25000.0 MHz
IEEE 802.11a_Channel 157_20MHz_Antenna 1



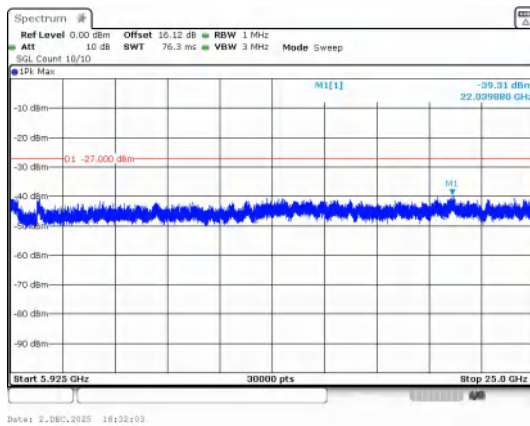
Out Of Band Emission

IEEE 802.11a_Channel 165_20MHz_Antenna 0



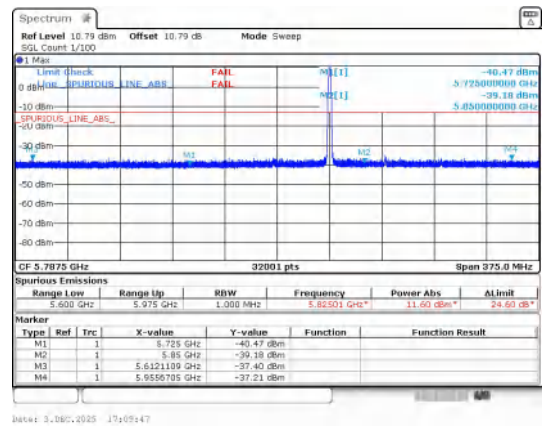
Spurious Emission:30.0~5650 MHz

IEEE 802.11a_Channel 165_20MHz_Antenna 0



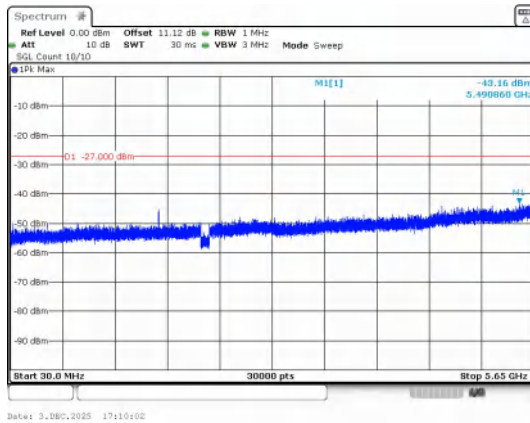
Spurious Emission:5925~25000.0 MHz

IEEE 802.11a_Channel 165_20MHz_Antenna 0



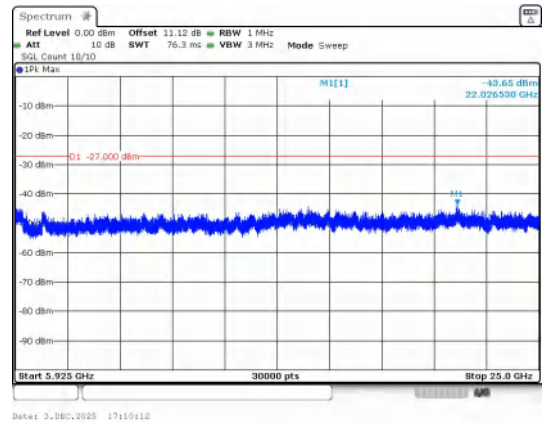
Out Of Band Emission

IEEE 802.11a_Channel 165_20MHz_Antenna 1



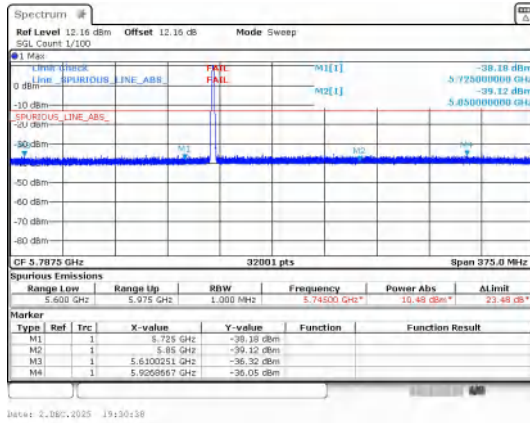
Spurious Emission:30.0~5650 MHz

IEEE 802.11a_Channel 165_20MHz_Antenna 1



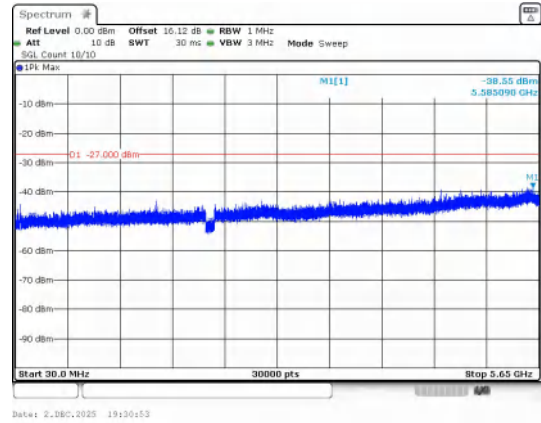
Spurious Emission:5925~25000.0 MHz

IEEE 802.11a_Channel 165_20MHz_Antenna 1



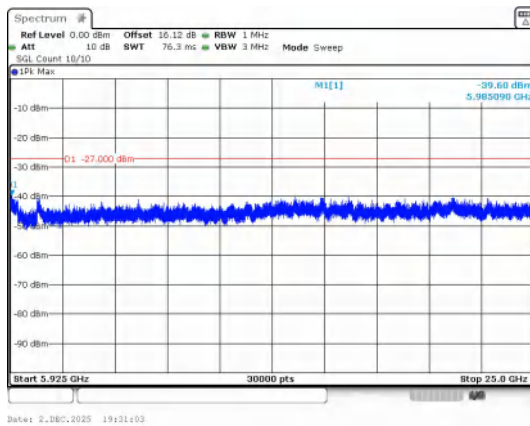
Out Of Band Emission

IEEE 802.11n_Channel 149_20MHz_Antenna 0



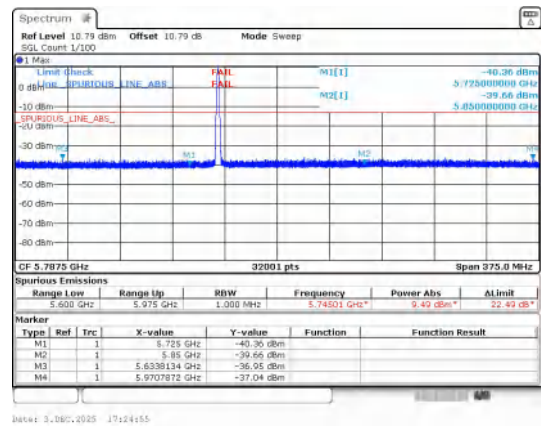
Spurious Emission:30.0~5650 MHz

IEEE 802.11n_Channel 149_20MHz_Antenna 0



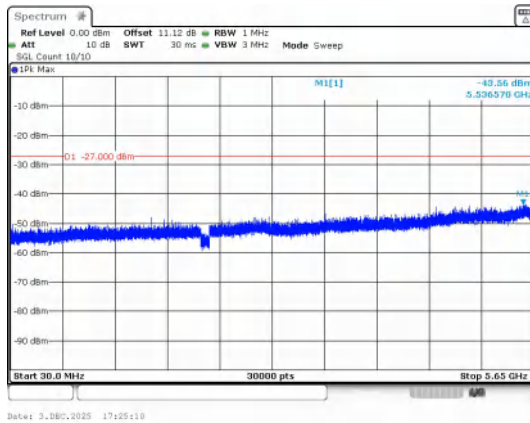
Spurious Emission:5925~25000.0 MHz

IEEE 802.11n_Channel 149_20MHz_Antenna 0



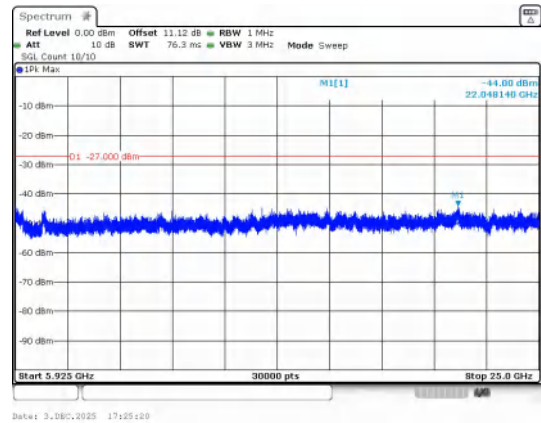
Out Of Band Emission

IEEE 802.11n_Channel 149_20MHz_Antenna 1



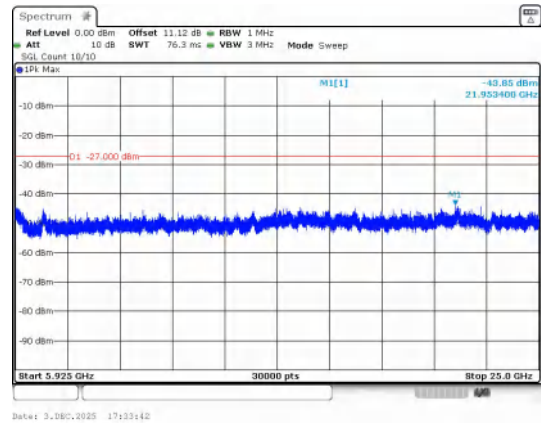
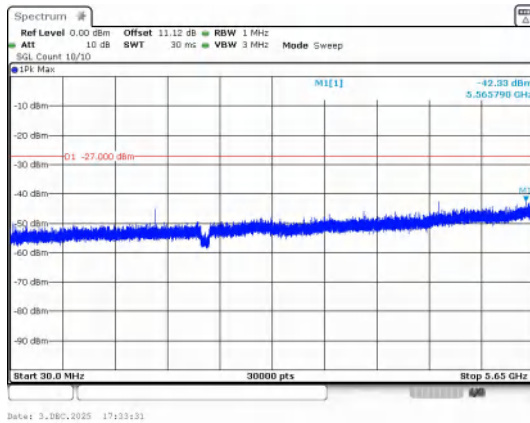
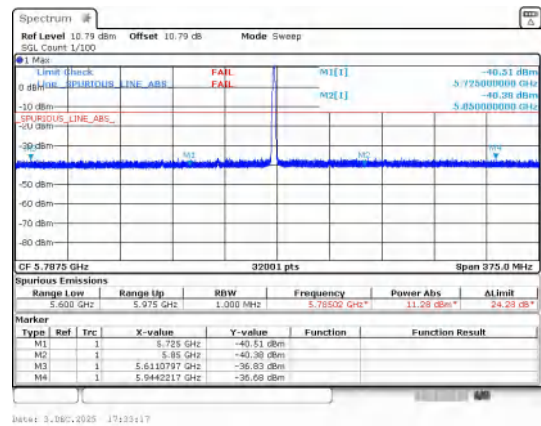
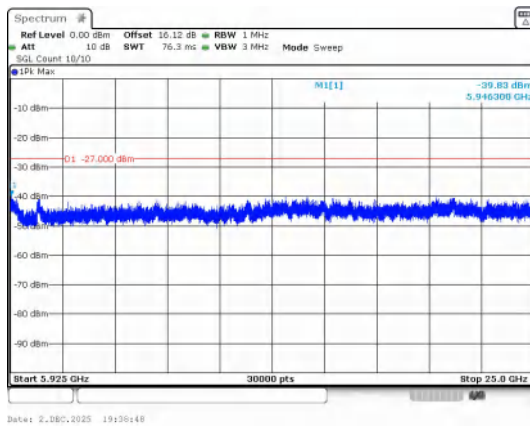
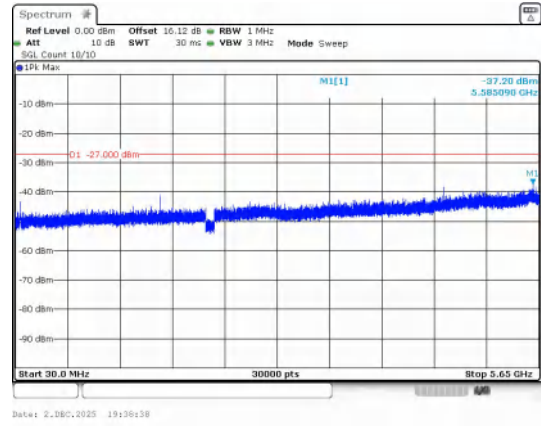
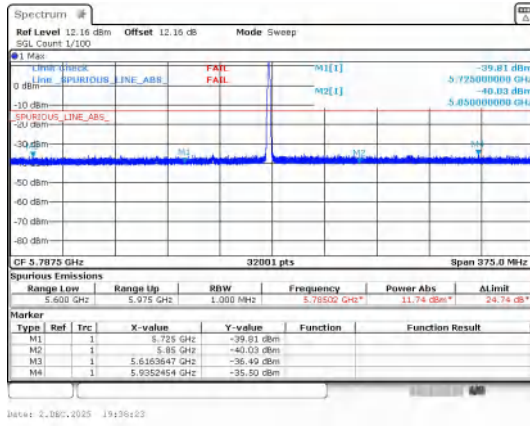
Spurious Emission:30.0~5650 MHz

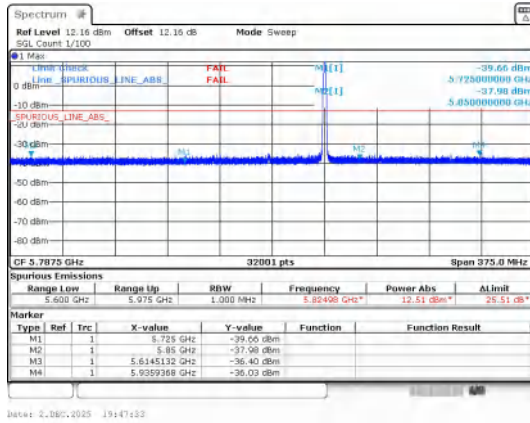
IEEE 802.11n_Channel 149_20MHz_Antenna 1



Spurious Emission:5925~25000.0 MHz

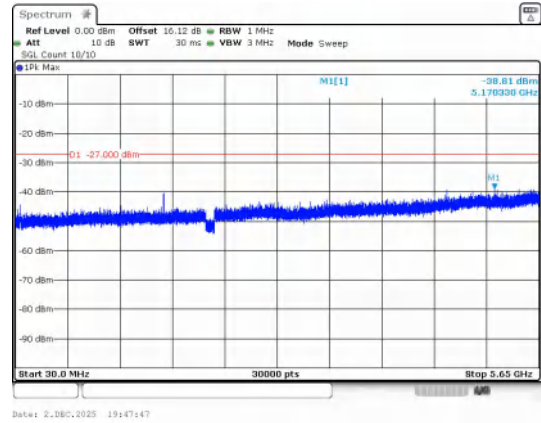
IEEE 802.11n_Channel 149_20MHz_Antenna 1





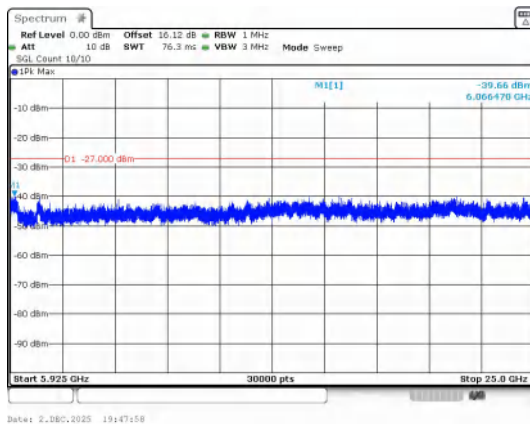
Out Of Band Emission

IEEE 802.11n_Channel 165_20MHz_Antenna 0



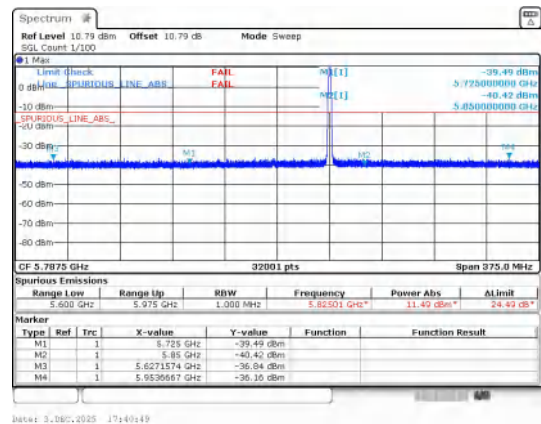
Spurious Emission:30.0~5650 MHz

IEEE 802.11n_Channel 165_20MHz_Antenna 0



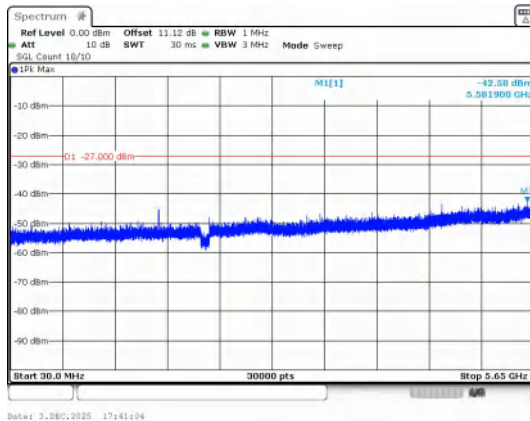
Spurious Emission:5925~25000.0 MHz

IEEE 802.11n_Channel 165_20MHz_Antenna 0



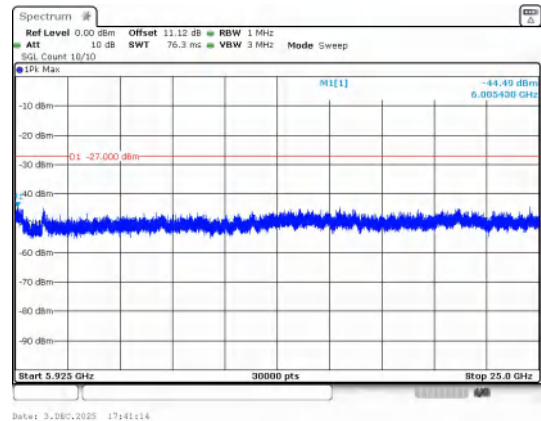
Out Of Band Emission

IEEE 802.11n_Channel 165_20MHz_Antenna 1



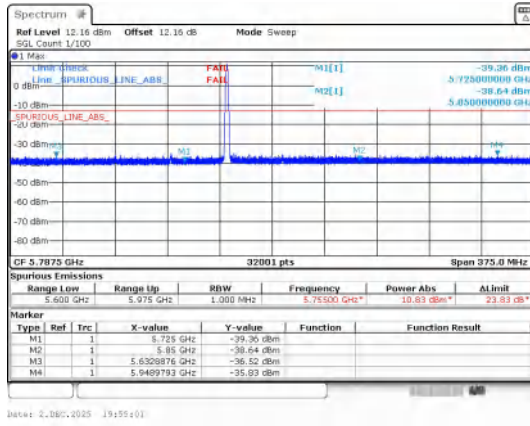
Spurious Emission:30.0~5650 MHz

IEEE 802.11n_Channel 165_20MHz_Antenna 1



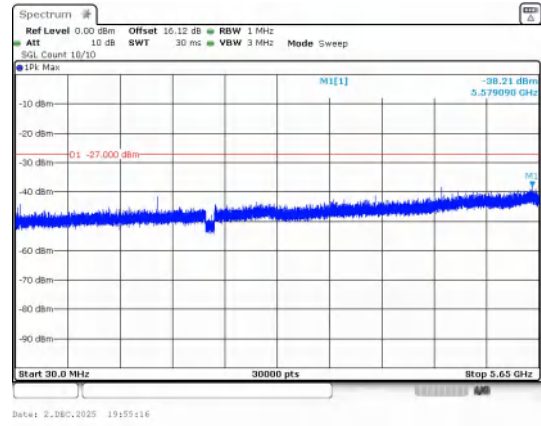
Spurious Emission:5925~25000.0 MHz

IEEE 802.11n_Channel 165_20MHz_Antenna 1



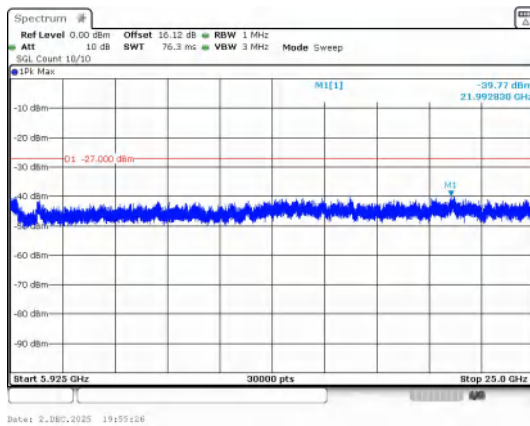
Out Of Band Emission

IEEE 802.11n_Channel 151_40MHz_Antenna 0



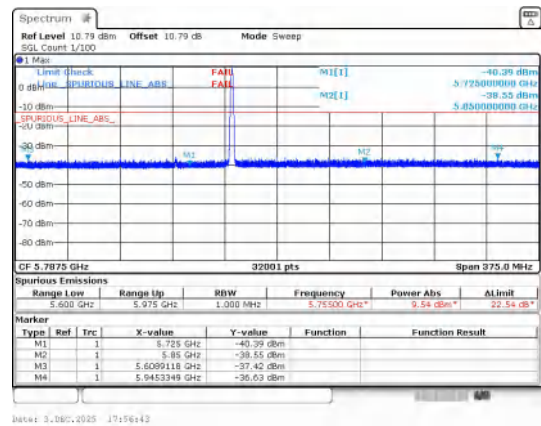
Spurious Emission:30.0~5650 MHz

IEEE 802.11n_Channel 151_40MHz_Antenna 0



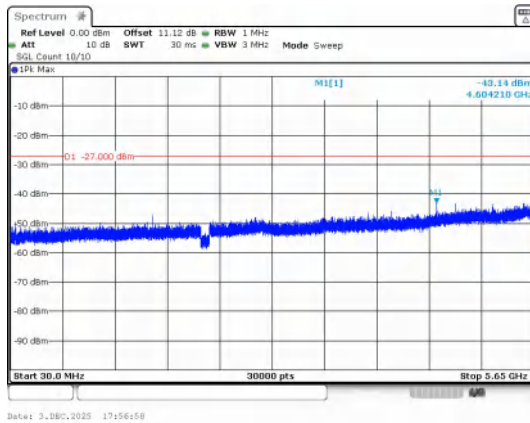
Spurious Emission:5925~25000.0 MHz

IEEE 802.11n_Channel 151_40MHz_Antenna 0



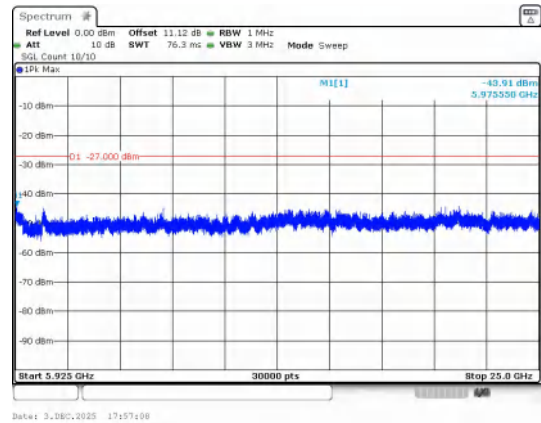
Out Of Band Emission

IEEE 802.11n_Channel 151_40MHz_Antenna 1



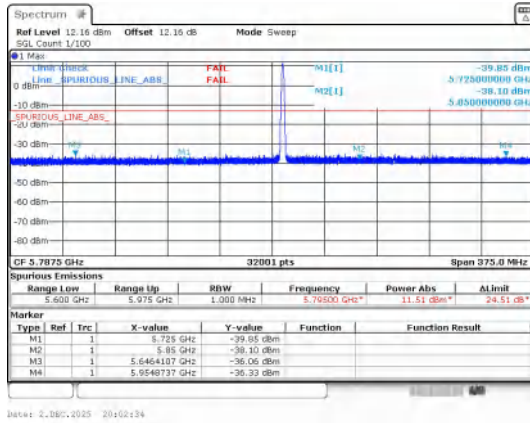
Spurious Emission:30.0~5650 MHz

IEEE 802.11n_Channel 151_40MHz_Antenna 1

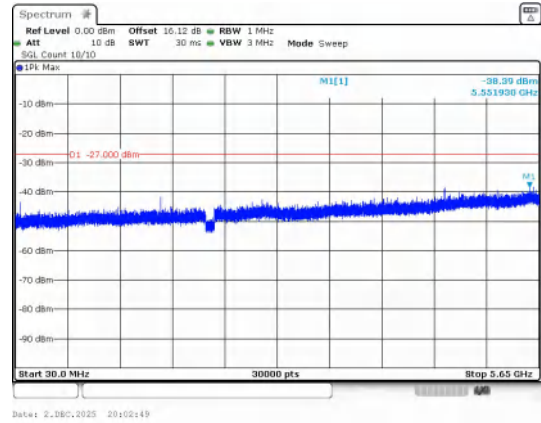


Spurious Emission:5925~25000.0 MHz

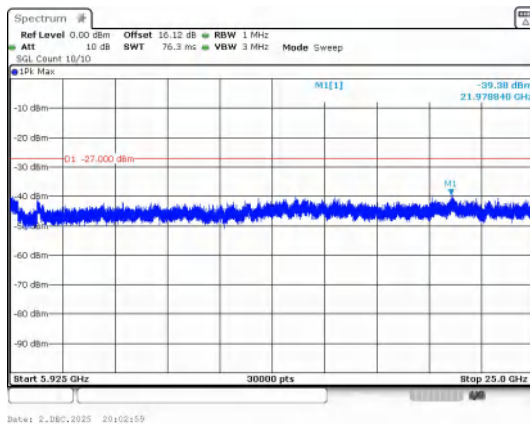
IEEE 802.11n_Channel 151_40MHz_Antenna 1



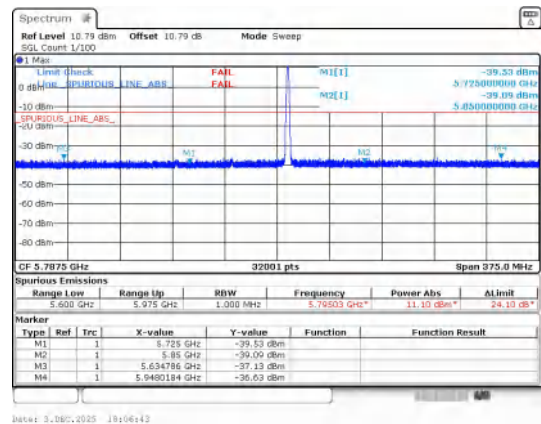
Out Of Band Emission
IEEE 802.11n_Channel 159_40MHz_Antenna 0



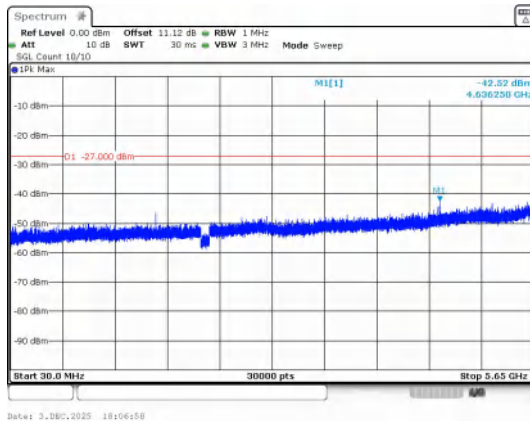
Spurious Emission:30.0~5650 MHz
IEEE 802.11n_Channel 159_40MHz_Antenna 0



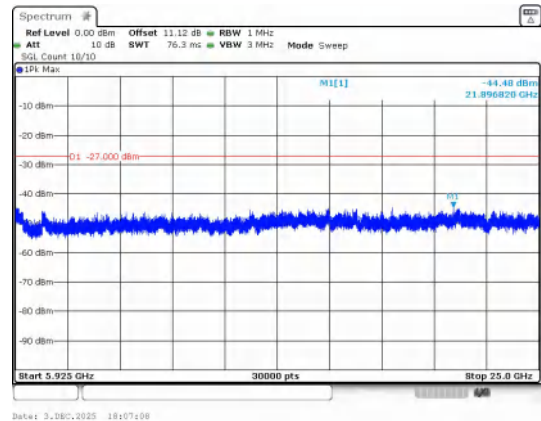
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 159_40MHz_Antenna 0



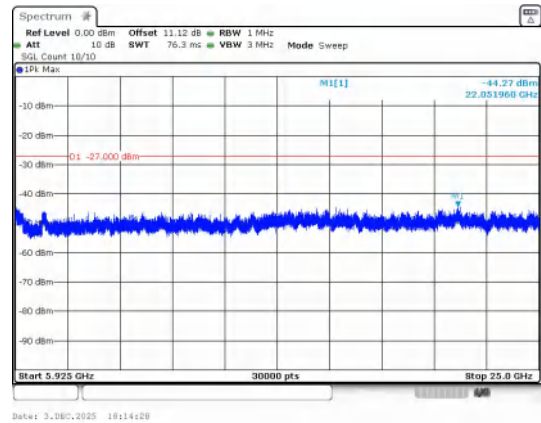
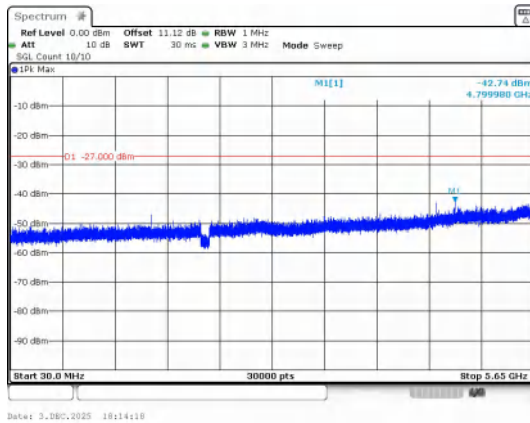
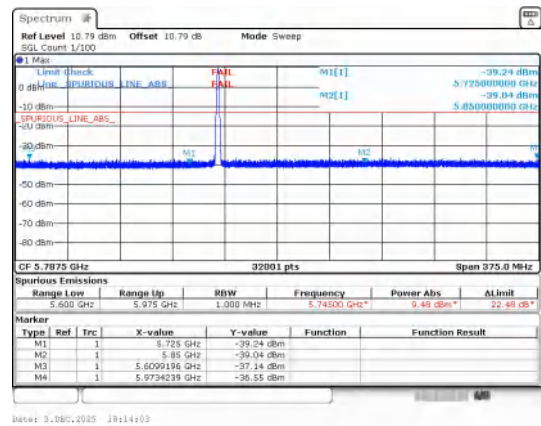
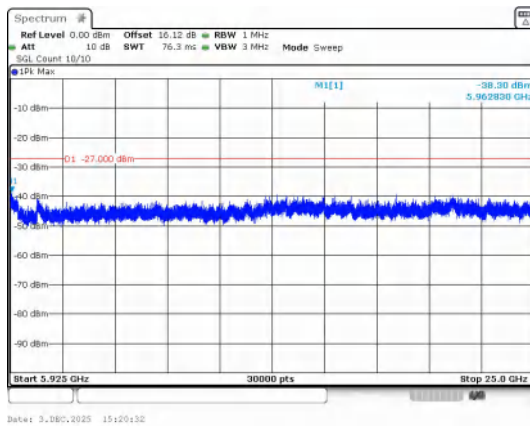
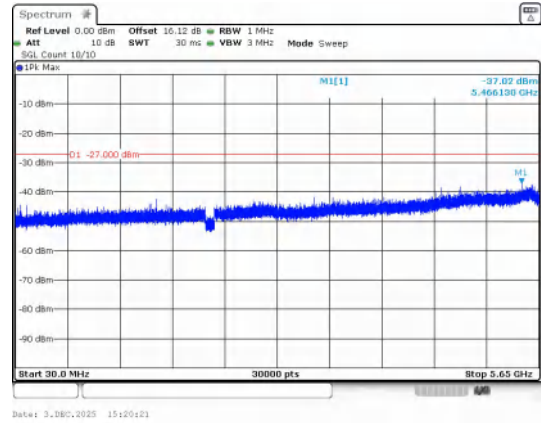
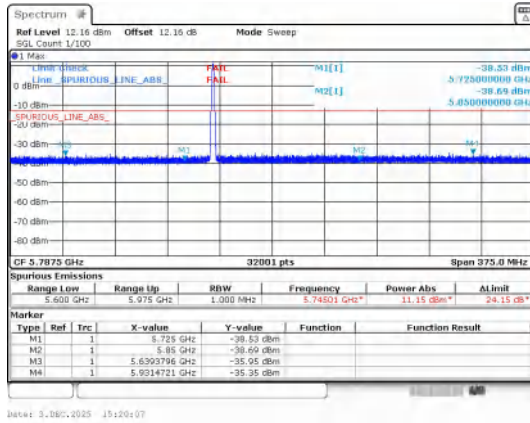
Out Of Band Emission
IEEE 802.11n_Channel 159_40MHz_Antenna 1

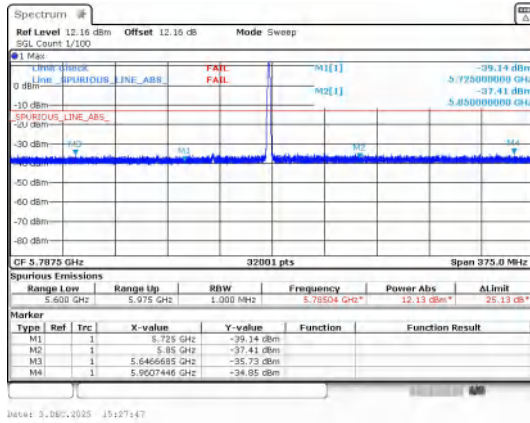


Spurious Emission:30.0~5650 MHz
IEEE 802.11n_Channel 159_40MHz_Antenna 1



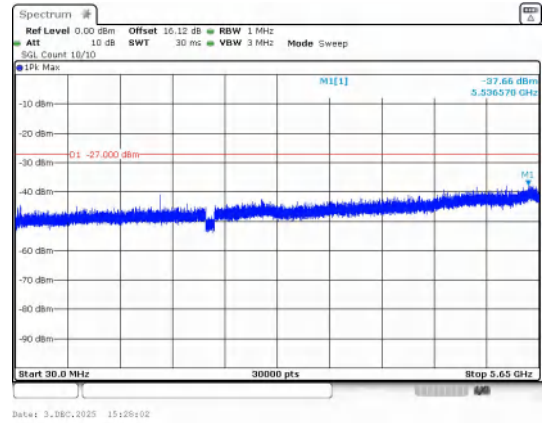
Spurious Emission:5925~25000.0 MHz
IEEE 802.11n_Channel 159_40MHz_Antenna 1





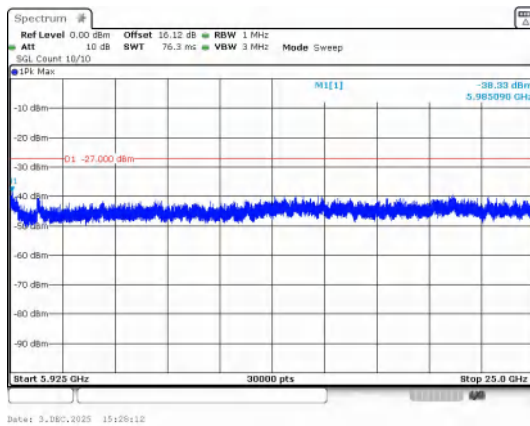
Out Of Band Emission

IEEE 802.11ac_Channel 157_20MHz_Antenna 0



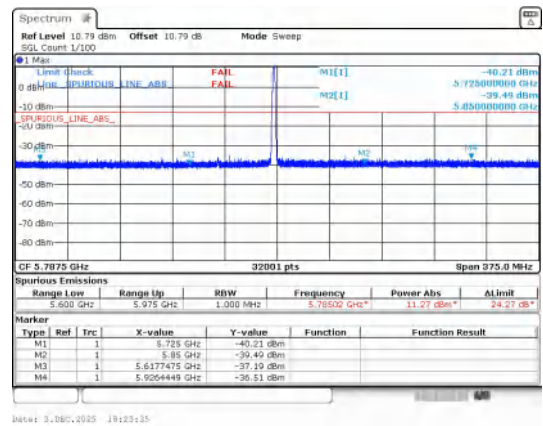
Spurious Emission:30.0~5650 MHz

IEEE 802.11ac_Channel 157_20MHz_Antenna 0



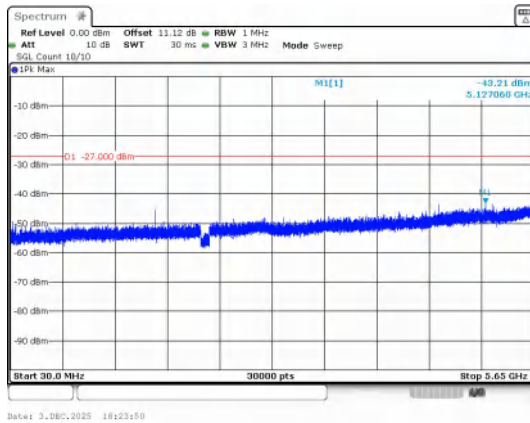
Spurious Emission:5925~25000.0 MHz

IEEE 802.11ac_Channel 157_20MHz_Antenna 0



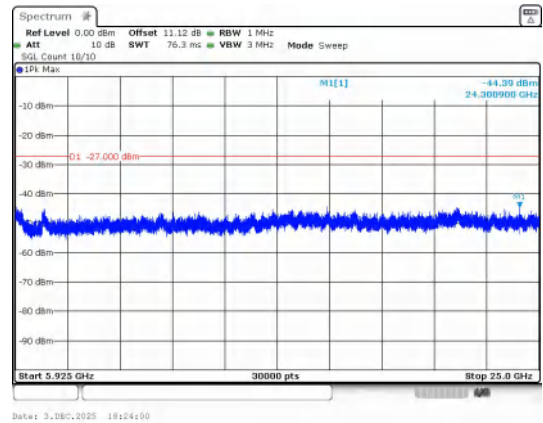
Out Of Band Emission

IEEE 802.11ac_Channel 157_20MHz_Antenna 1



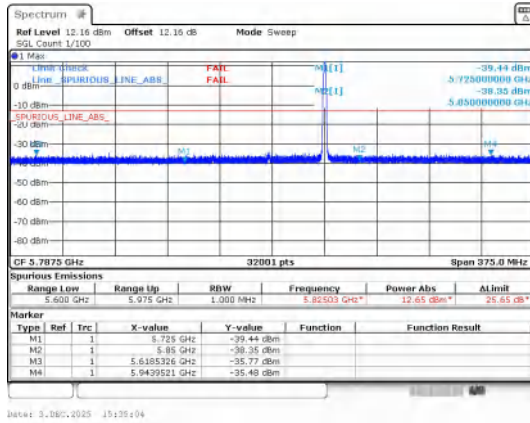
Spurious Emission:30.0~5650 MHz

IEEE 802.11ac_Channel 157_20MHz_Antenna 1



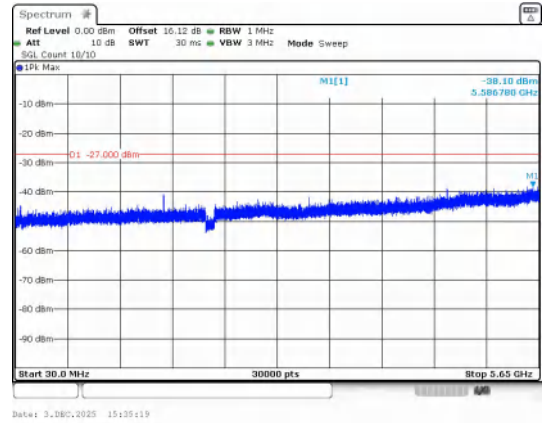
Spurious Emission:5925~25000.0 MHz

IEEE 802.11ac_Channel 157_20MHz_Antenna 1



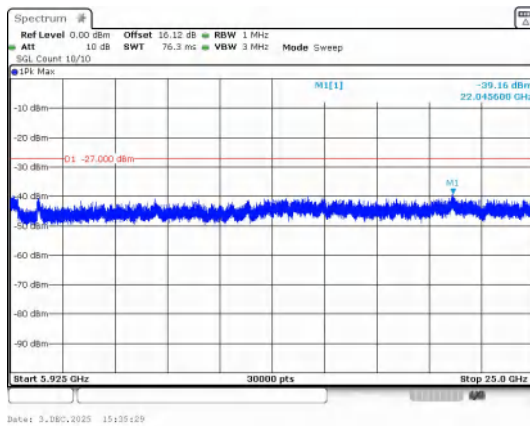
Out Of Band Emission

IEEE 802.11ac_Channel 165_20MHz_Antenna 0



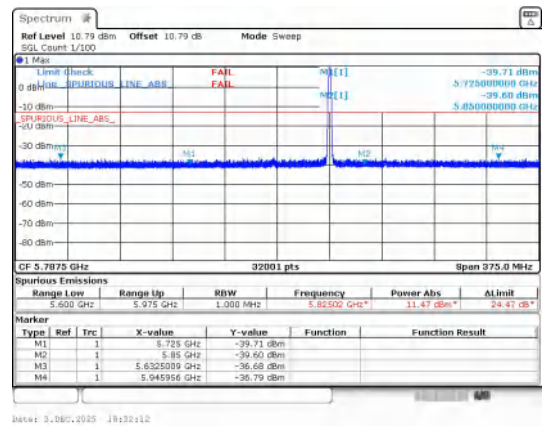
Spurious Emission:30.0~5650 MHz

IEEE 802.11ac_Channel 165_20MHz_Antenna 0



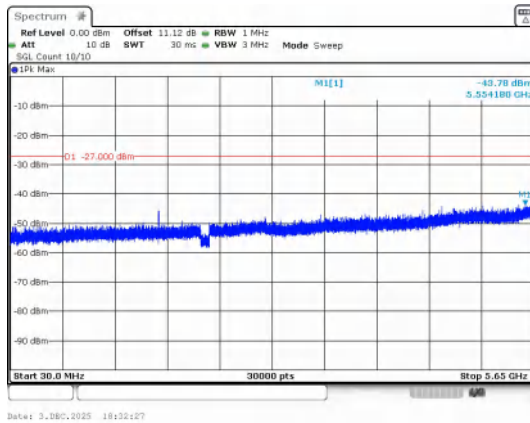
Spurious Emission:5925~25000.0 MHz

IEEE 802.11ac_Channel 165_20MHz_Antenna 0



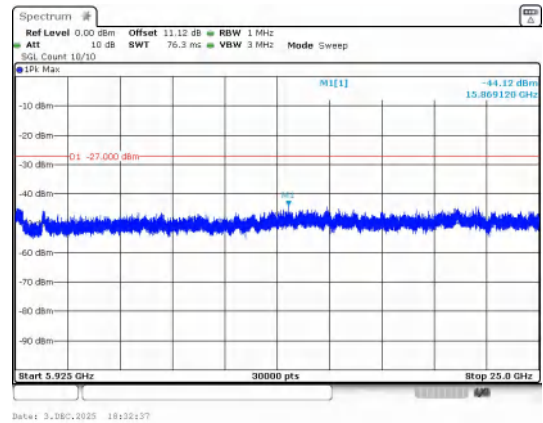
Out Of Band Emission

IEEE 802.11ac_Channel 165_20MHz_Antenna 1



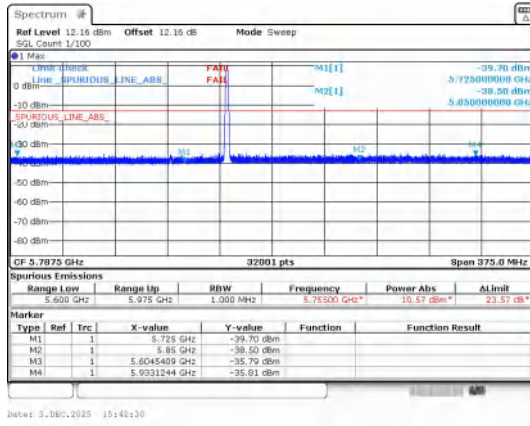
Spurious Emission:30.0~5650 MHz

IEEE 802.11ac_Channel 165_20MHz_Antenna 1

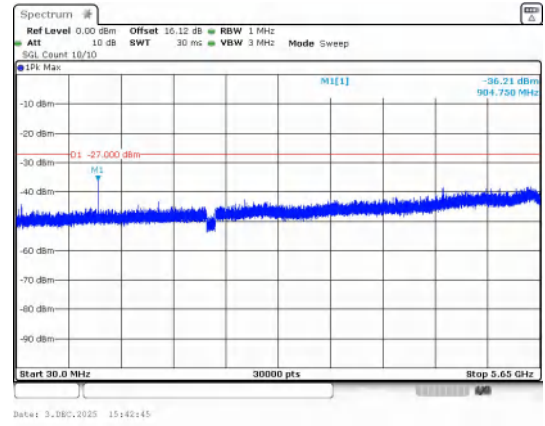


Spurious Emission:5925~25000.0 MHz

IEEE 802.11ac_Channel 165_20MHz_Antenna 1



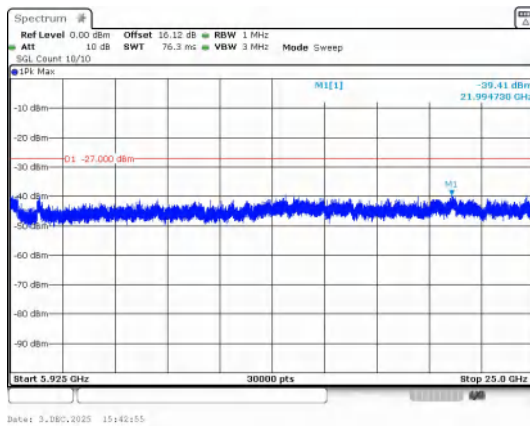
Date: 3, DEC, 2025 15:42:30



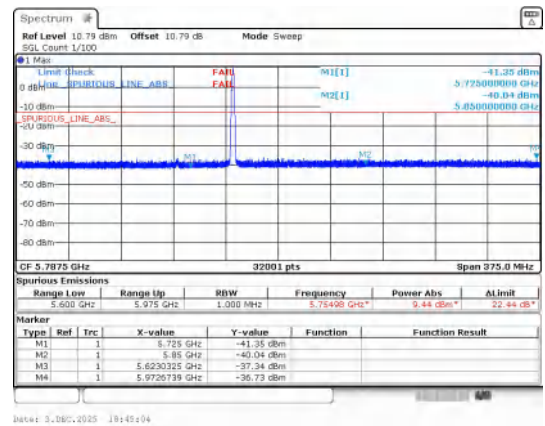
Date: 3, DEC, 2025 15:42:45

Out Of Band Emission
IEEE 802.11ac_Channel 151_40MHz_Antenna 0

Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 151_40MHz_Antenna 0



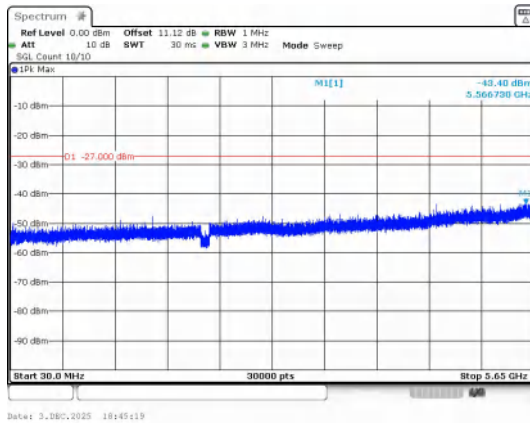
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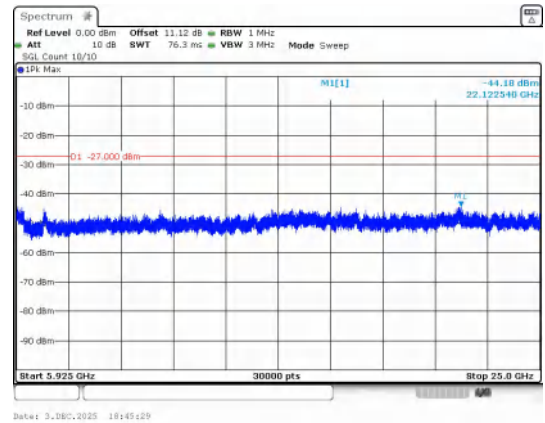
Date: 3, DEC, 2025 15:43:04

Spurious Emission:5925~25000.0 MHz
IEEE 802.11ac_Channel 151_40MHz_Antenna 0

Out Of Band Emission
IEEE 802.11ac_Channel 151_40MHz_Antenna 1



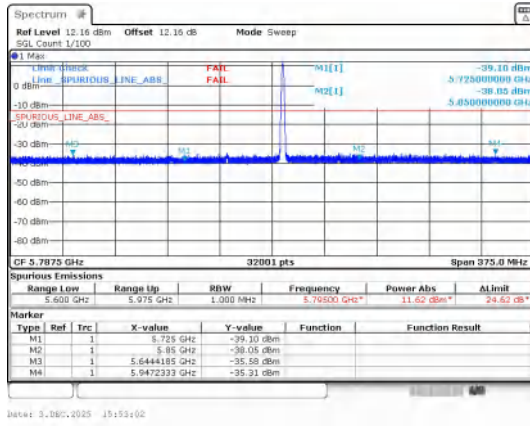
Date: 3, DEC, 2025 15:43:19



Date: 3, DEC, 2025 15:43:29

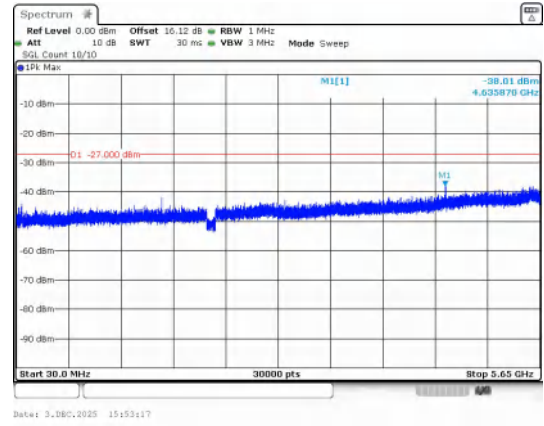
Spurious Emission:30.0~5650 MHz
IEEE 802.11ac_Channel 151_40MHz_Antenna 1

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



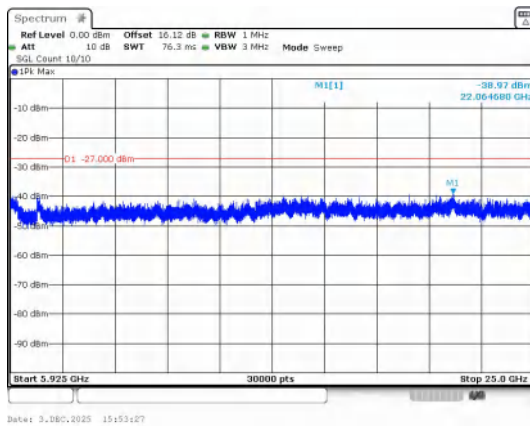
Out Of Band Emission

IEEE 802.11ac_Channel 159_40MHz_Antenna 0



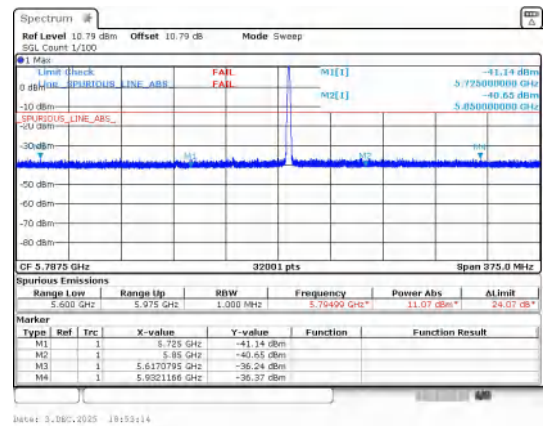
Spurious Emission:30.0~5650 MHz

IEEE 802.11ac_Channel 159_40MHz_Antenna 0



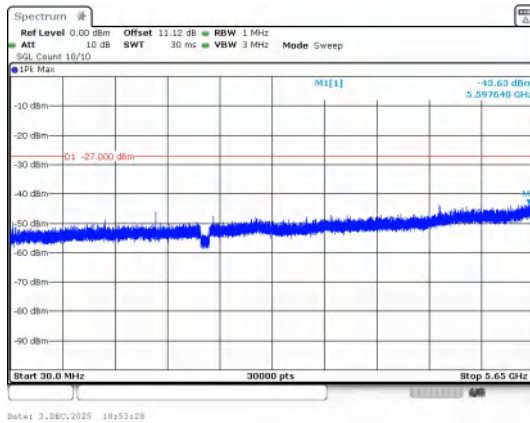
Spurious Emission:5925~25000.0 MHz

IEEE 802.11ac_Channel 159_40MHz_Antenna 0



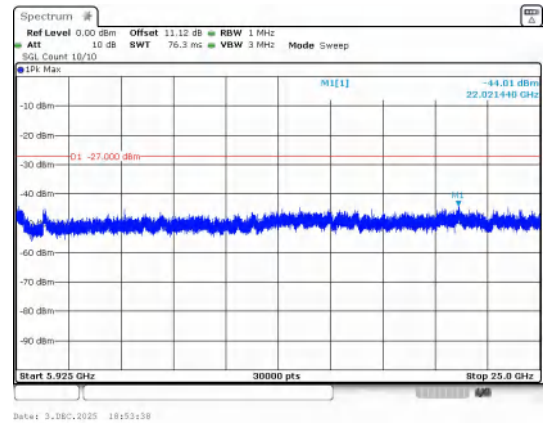
Out Of Band Emission

IEEE 802.11ac_Channel 159_40MHz_Antenna 1



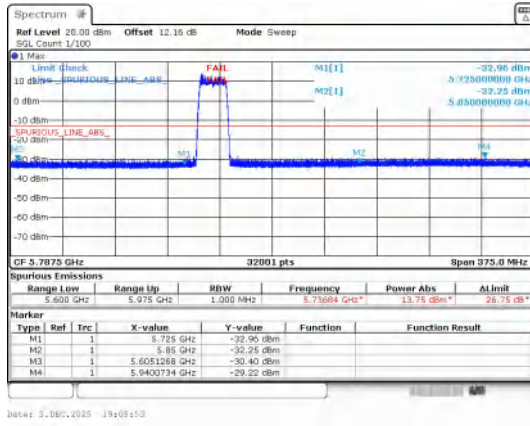
Spurious Emission:30.0~5650 MHz

IEEE 802.11ac_Channel 159_40MHz_Antenna 1



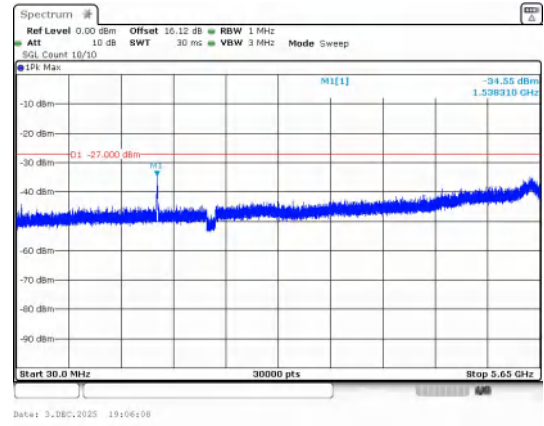
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IEEE 802.11ac_Channel 159_40MHz_Antenna 1



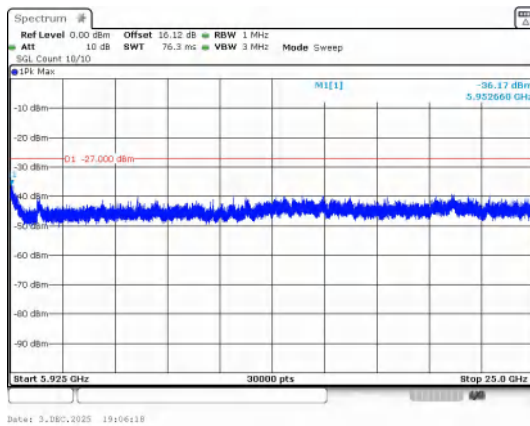
Out Of Band Emission

IEEE 802.11ax_Channel 149_20MHz_Antenna 0_RU&Index SU



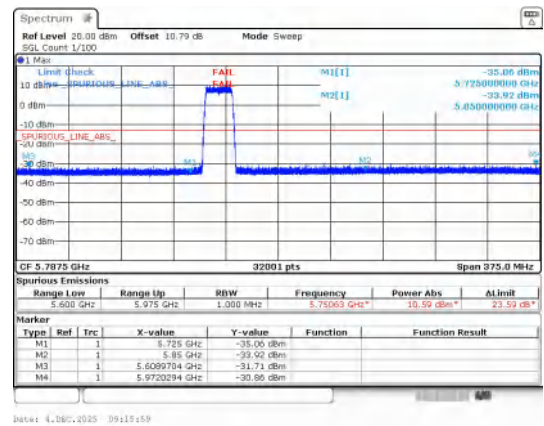
Spurious Emission:30.0~5650 MHz

IEEE 802.11ax_Channel 149_20MHz_Antenna 0_RU&Index SU



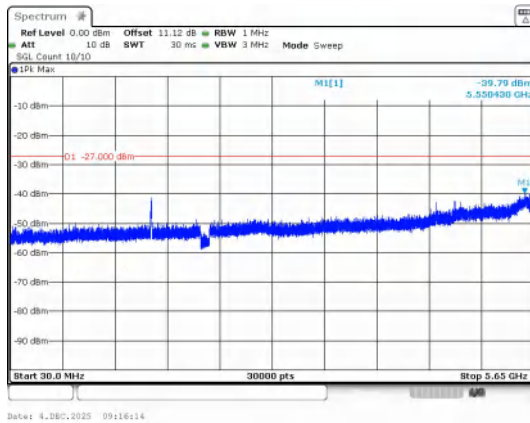
Spurious Emission:5925~25000.0 MHz

IEEE 802.11ax_Channel 149_20MHz_Antenna 0_RU&Index SU



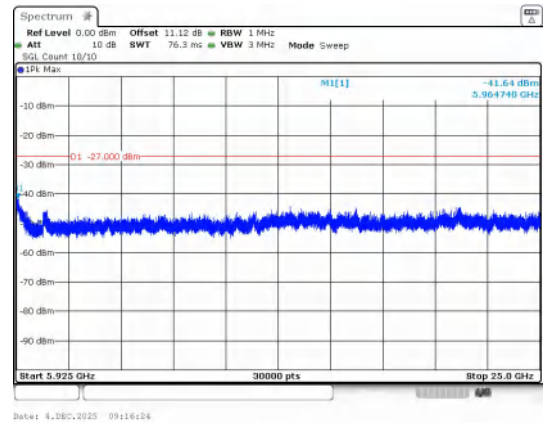
Out Of Band Emission

IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index SU



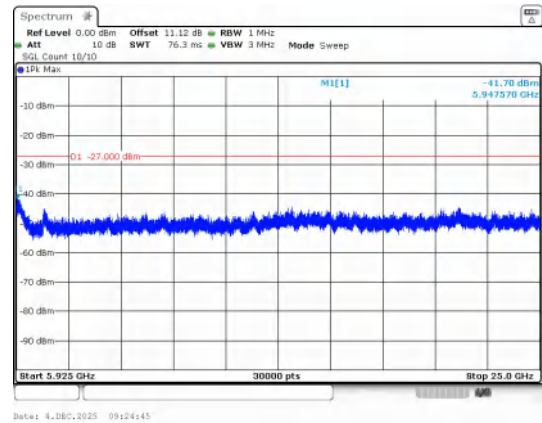
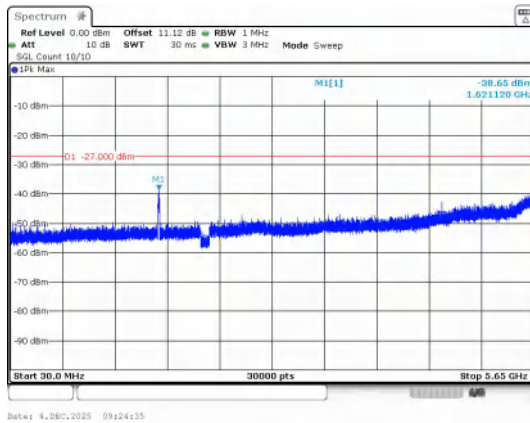
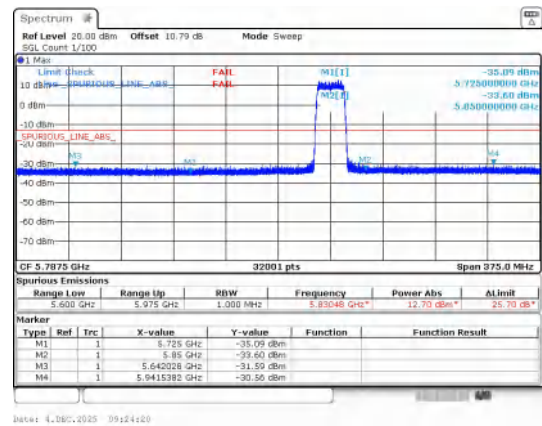
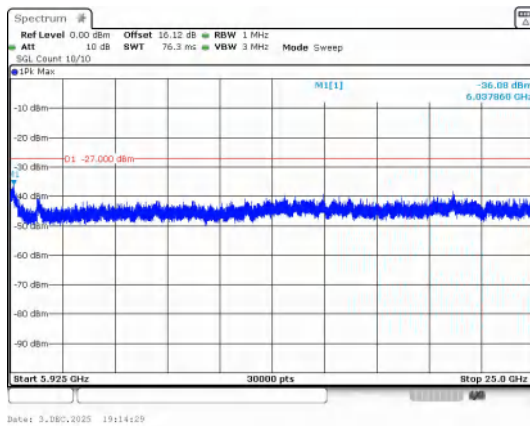
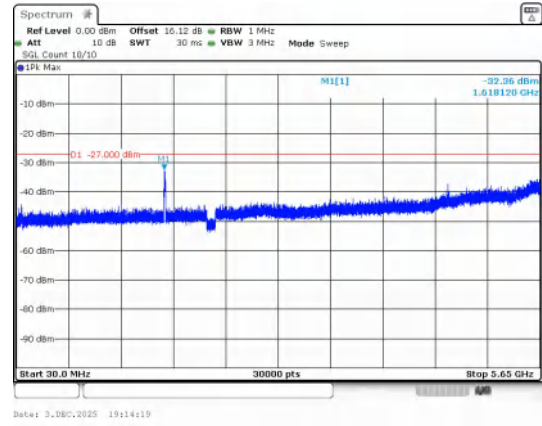
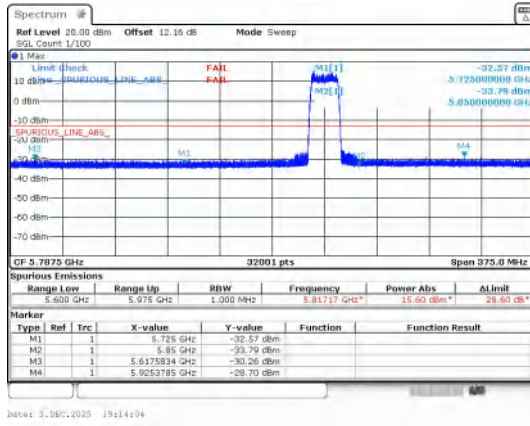
Spurious Emission:30.0~5650 MHz

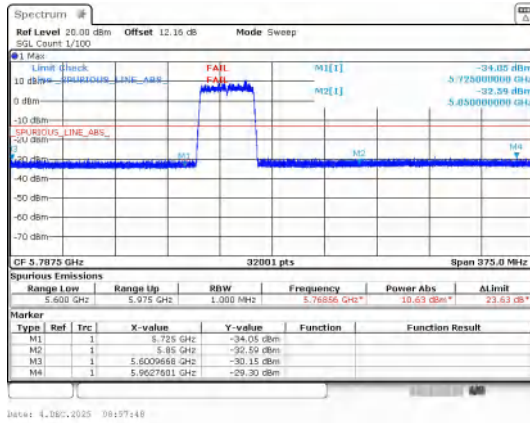
IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index SU



Spurious Emission:5925~25000.0 MHz

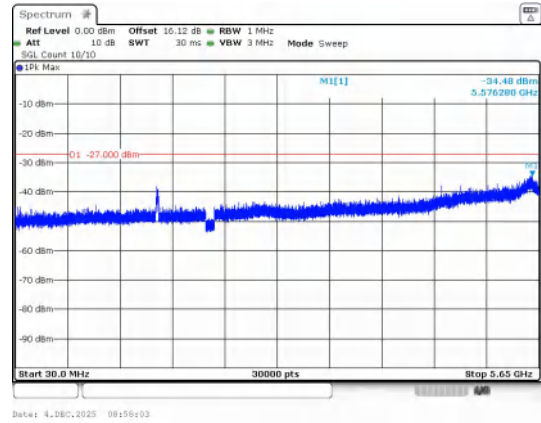
IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index SU





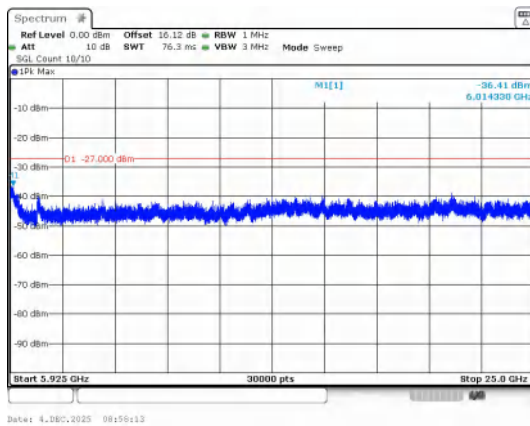
Out Of Band Emission

IEEE 802.11ax_Channel 151_40MHz_Antenna 0_RU&Index SU



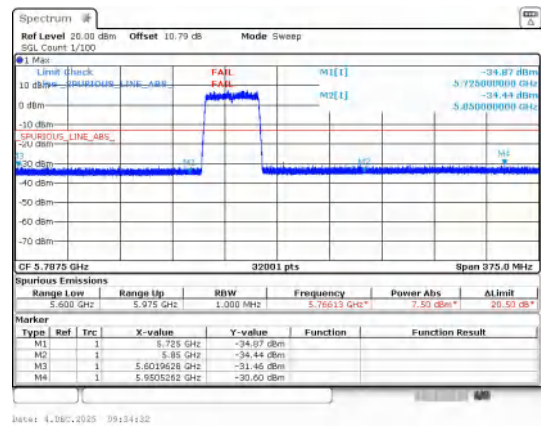
Spurious Emission:30.0~5650 MHz

IEEE 802.11ax_Channel 151_40MHz_Antenna 0_RU&Index SU



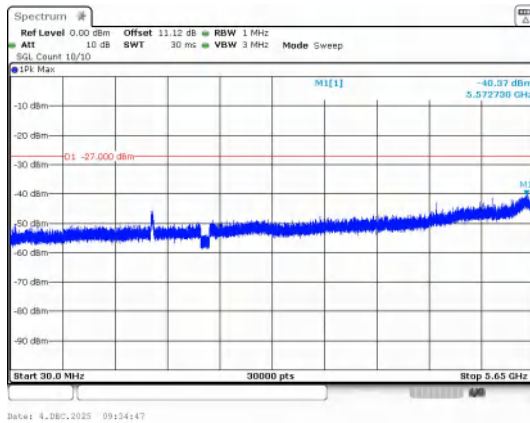
Spurious Emission:5925~25000.0 MHz

IEEE 802.11ax_Channel 151_40MHz_Antenna 0_RU&Index SU



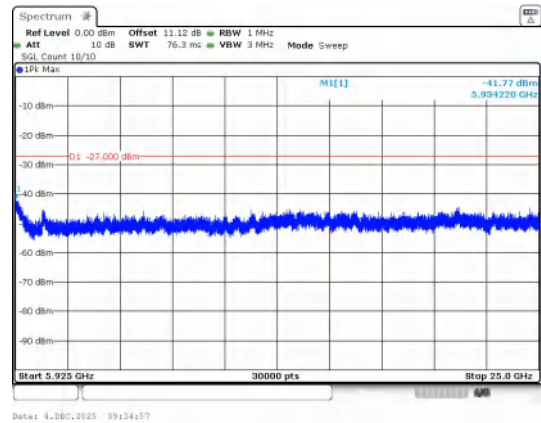
Out Of Band Emission

IEEE 802.11ax_Channel 151_40MHz_Antenna 1_RU&Index SU



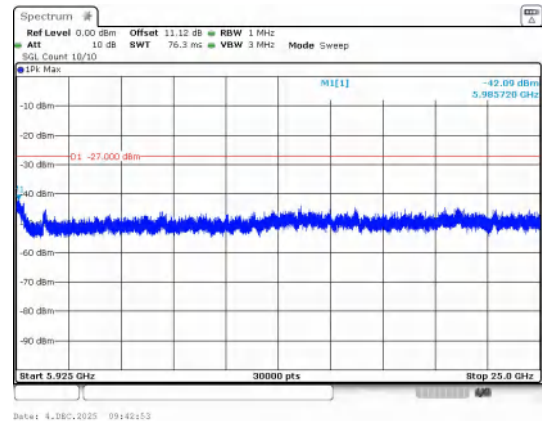
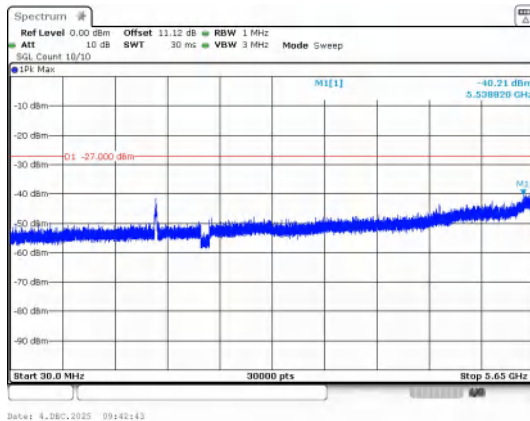
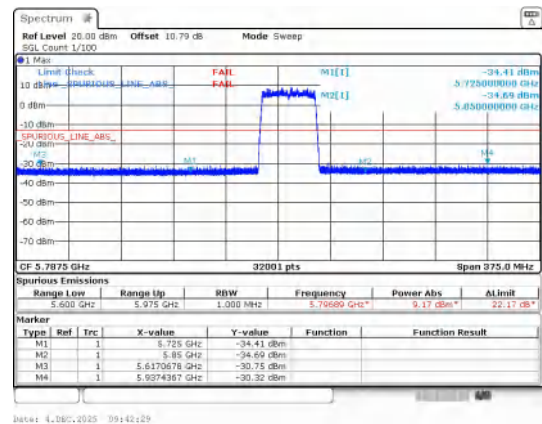
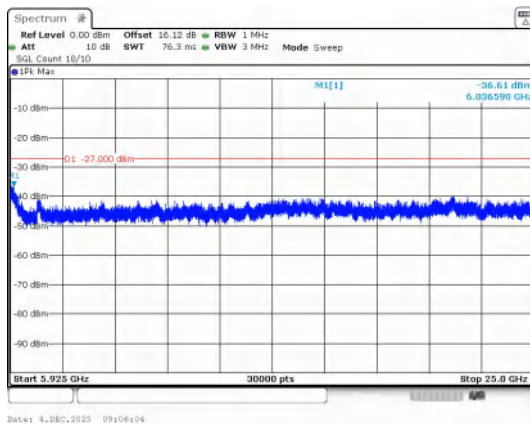
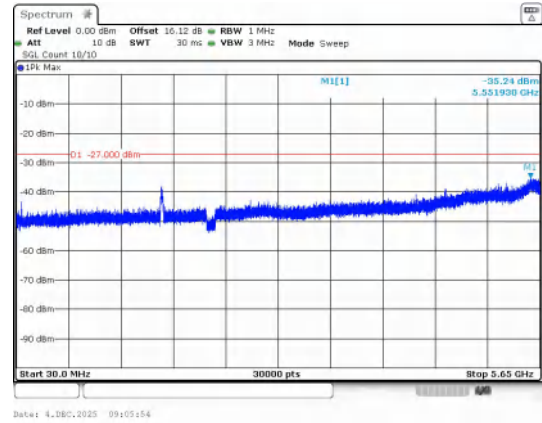
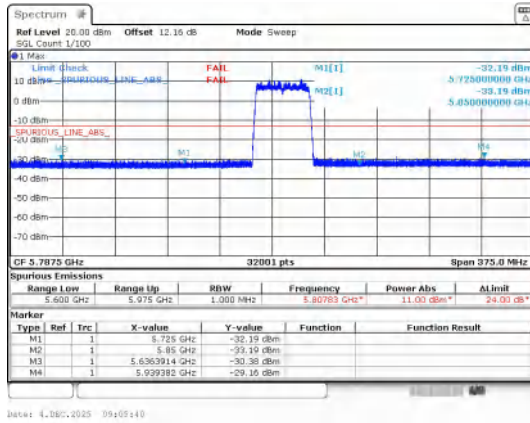
Spurious Emission:30.0~5650 MHz

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



Note:

1. The data screenshot on pages 50-66 shows the "Fail" points, which represent the main frequency signal of the test channel and are not within the scope of consideration.