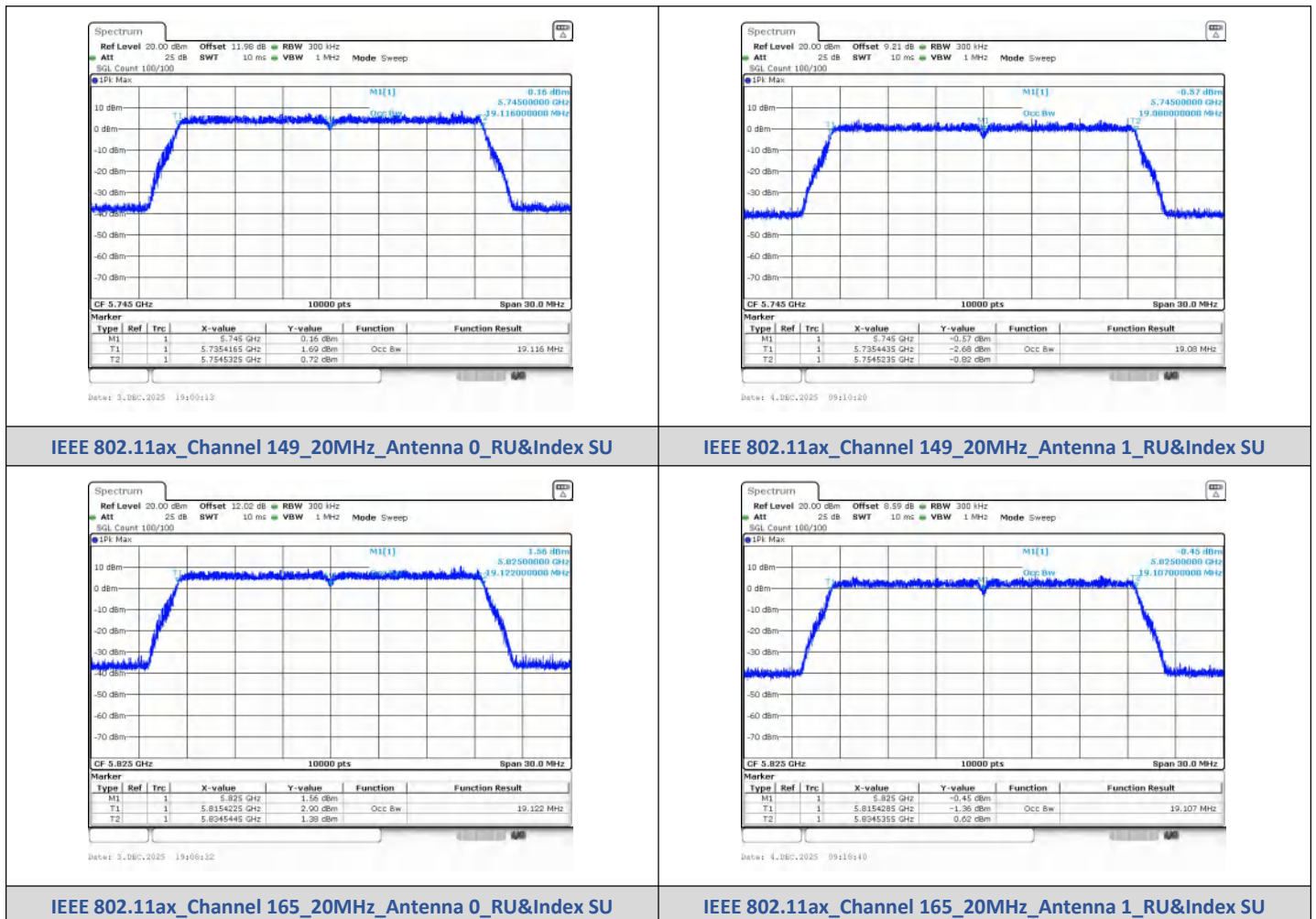


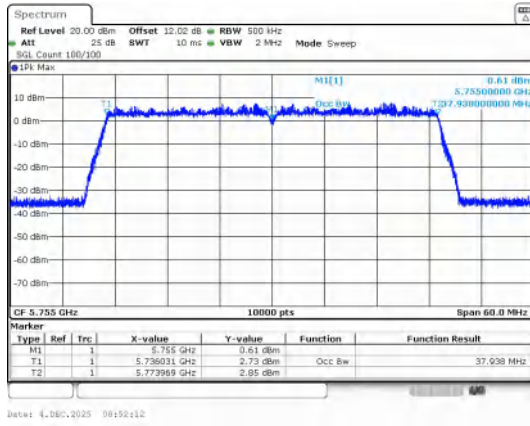
4) 99% Bandwidth

Test Result

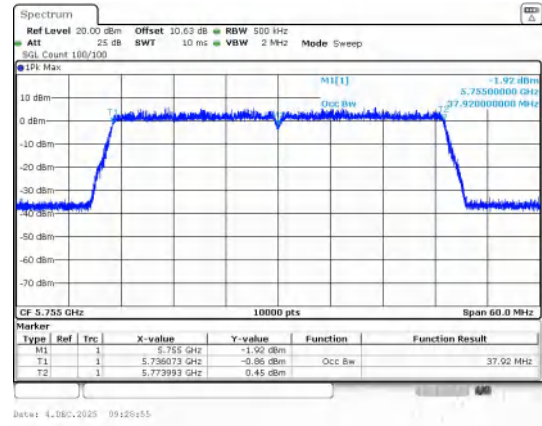
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11ax_20	149	SU	0	5745	19.116
			1	5745	19.080
	165		0	5825	19.122
			1	5825	19.107
IEEE 802.11ax_40	151		0	5755	37.938
			1	5755	37.920
	159		0	5795	37.914
			1	5795	37.896

Test Graphs

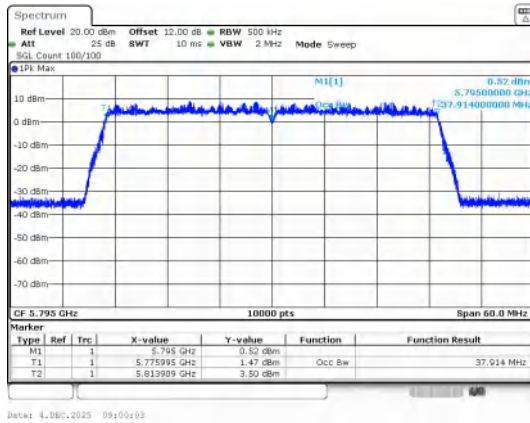




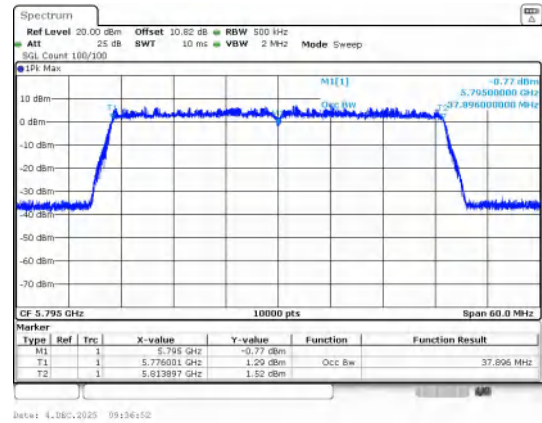
IEEE 802.11ax_Channel 151_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 151_40MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 159_40MHz_Antenna 0_RU&Index SU



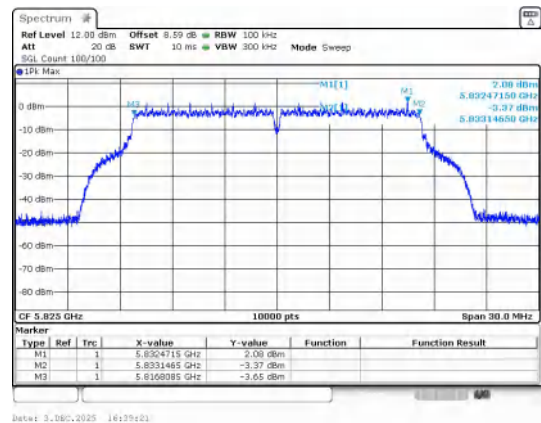
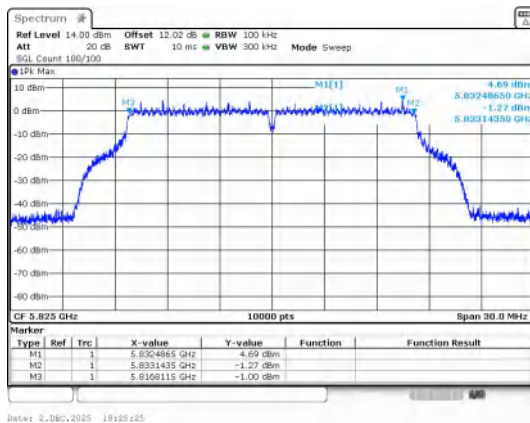
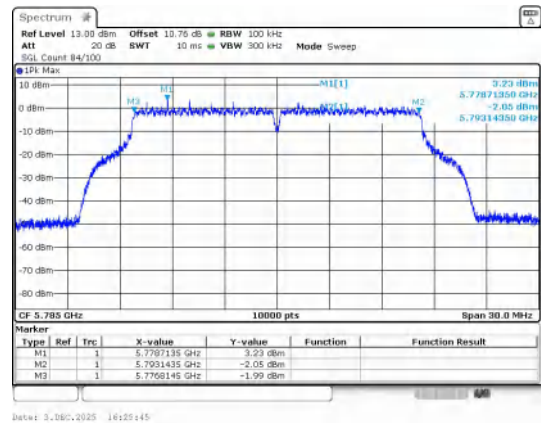
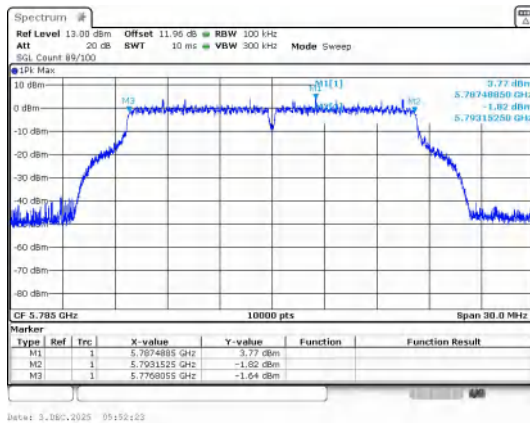
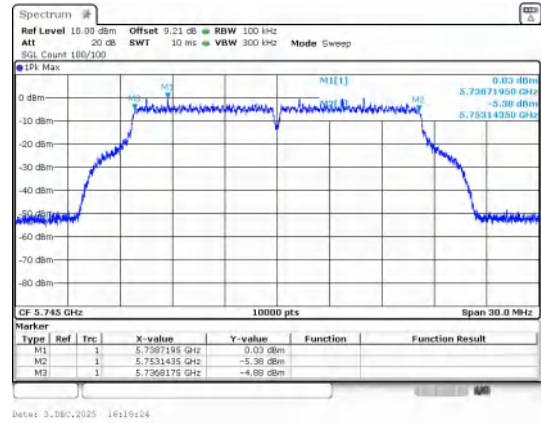
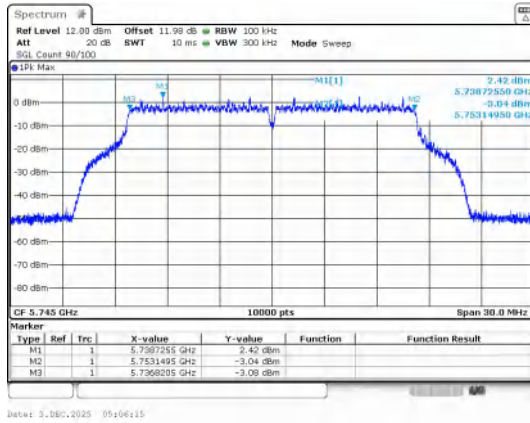
IEEE 802.11ax_Channel 159_40MHz_Antenna 1_RU&Index SU

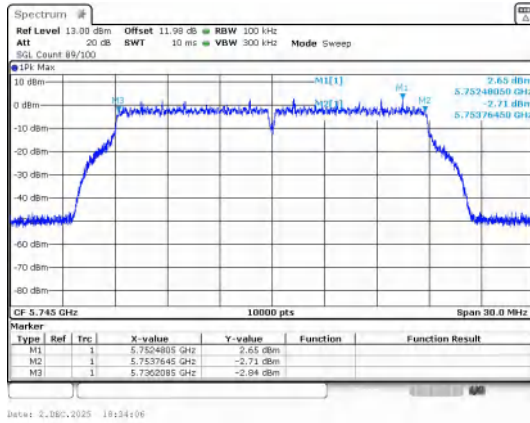
5) 6dB Bandwidth

Test Result

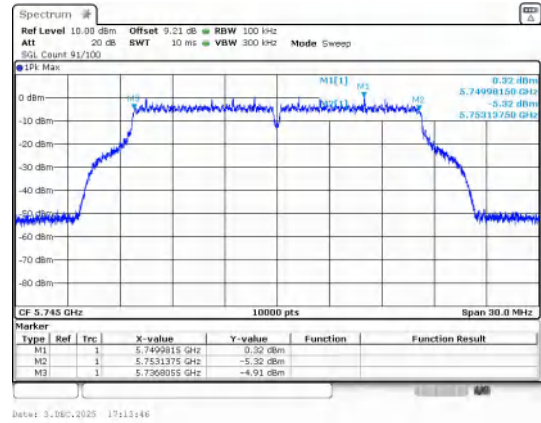
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	N/A	0	5745	16.33	≥0.5	PASS
			1	5745	16.32		PASS
	157		0	5785	16.34		PASS
			1	5785	16.33		PASS
	165		0	5825	16.33		PASS
			1	5825	16.34		PASS
IEEE 802.11n_20	149		0	5745	17.55		PASS
			1	5745	16.33		PASS
	157		0	5785	17.57		PASS
			1	5785	17.56		PASS
	165		0	5825	17.59		PASS
			1	5825	17.58		PASS
IEEE 802.11n_40	151		0	5755	36.32		PASS
			1	5755	36.32		PASS
	159		0	5795	36.30		PASS
			1	5795	36.31		PASS
IEEE 802.11ac_20	149		0	5745	17.58		PASS
			1	5745	17.58		PASS
	157		0	5785	17.58		PASS
			1	5785	17.57		PASS
	165		0	5825	17.59		PASS
			1	5825	17.58		PASS
IEEE 802.11ac_40	151		0	5755	36.32		PASS
			1	5755	36.32		PASS
	159		0	5795	36.30		PASS
			1	5795	36.29		PASS
IEEE 802.11ax_20	149	SU	0	5745	19.02		PASS
			1	5745	19.06		PASS
	165		0	5825	19.00		PASS
			1	5825	19.10		PASS
IEEE 802.11ax_40	151		0	5755	38.04		PASS
			1	5755	37.99		PASS
	159		0	5795	38.04		PASS
			1	5795	37.94		PASS

Test Graphs

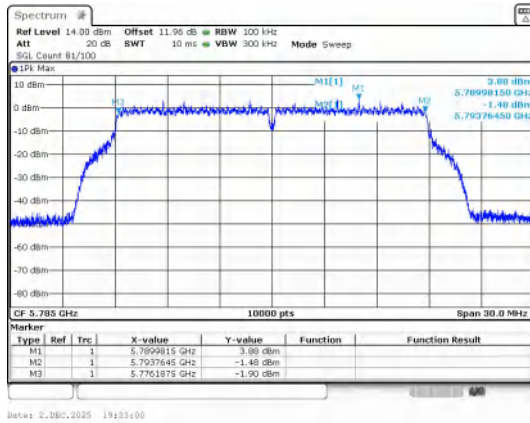




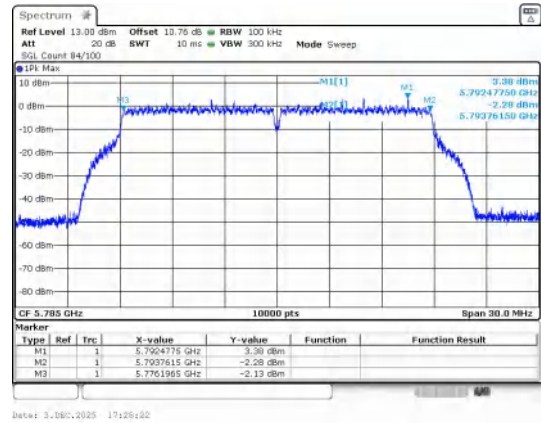
IEEE 802.11n_Channel 149_20MHz_Antenna 0



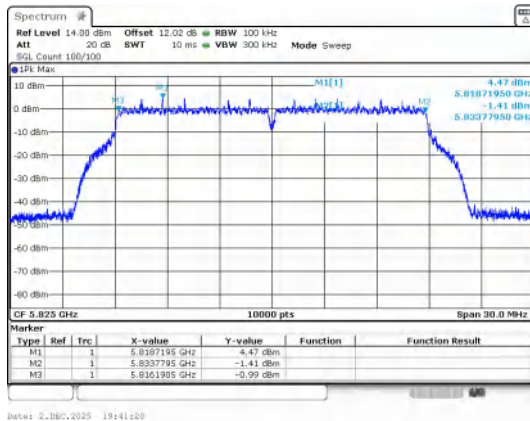
IEEE 802.11n_Channel 149_20MHz_Antenna 1



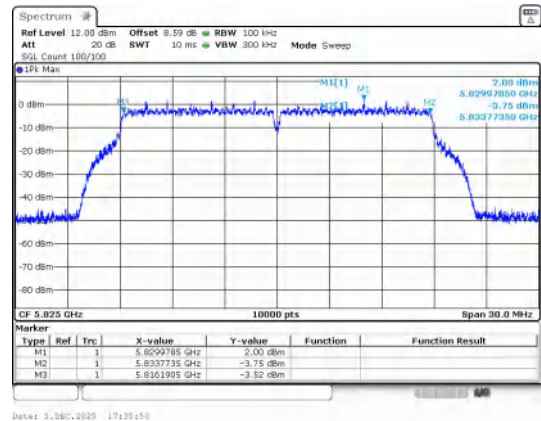
IEEE 802.11n_Channel 157_20MHz_Antenna 0



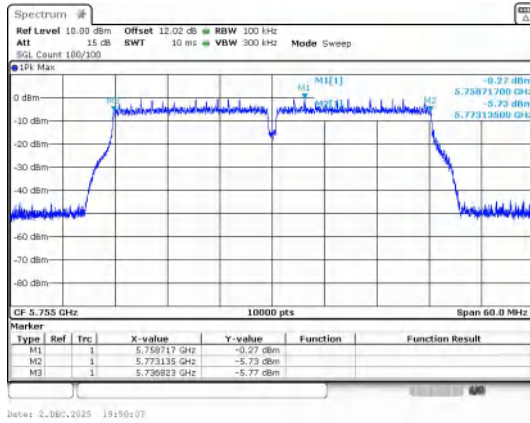
IEEE 802.11n_Channel 157_20MHz_Antenna 1



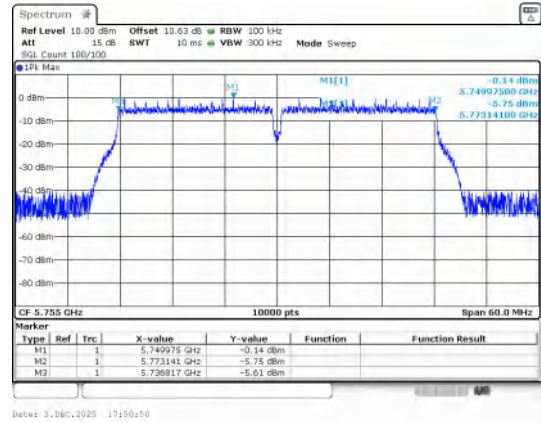
IEEE 802.11n_Channel 165_20MHz_Antenna 0



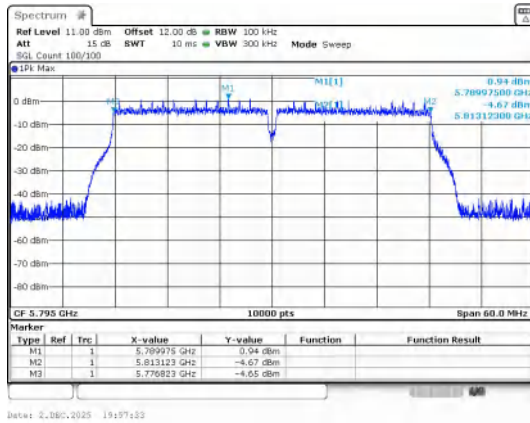
IEEE 802.11n_Channel 165_20MHz_Antenna 1



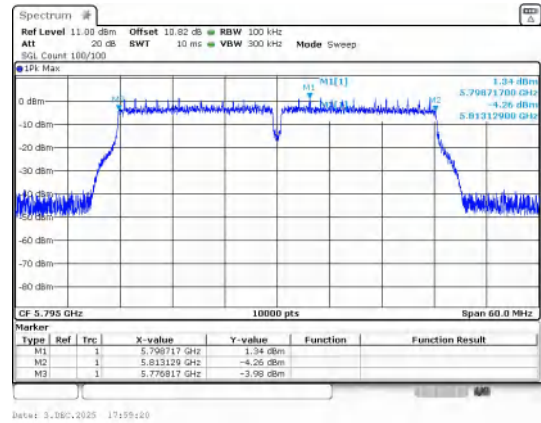
IEEE 802.11n_Channel 151_40MHz_Antenna 0



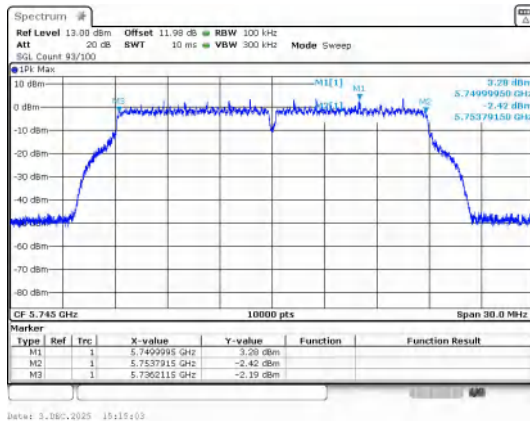
IEEE 802.11n_Channel 151_40MHz_Antenna 1



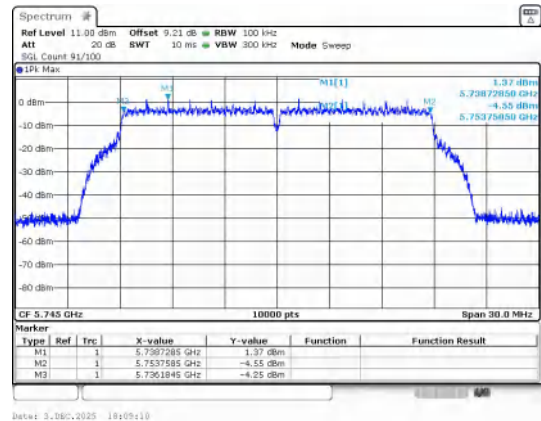
IEEE 802.11n_Channel 159_40MHz_Antenna 0



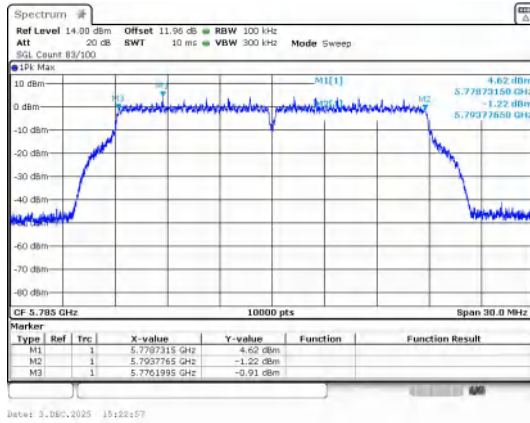
IEEE 802.11n_Channel 159_40MHz_Antenna 1



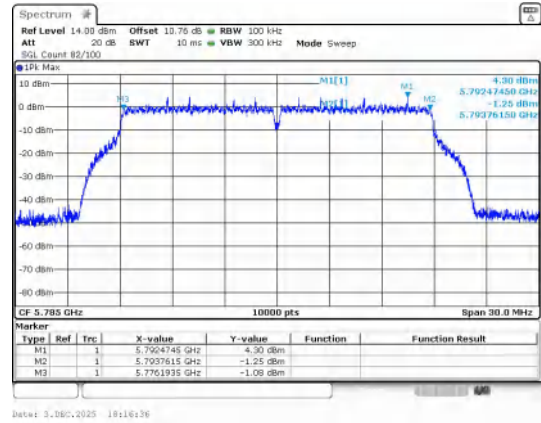
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



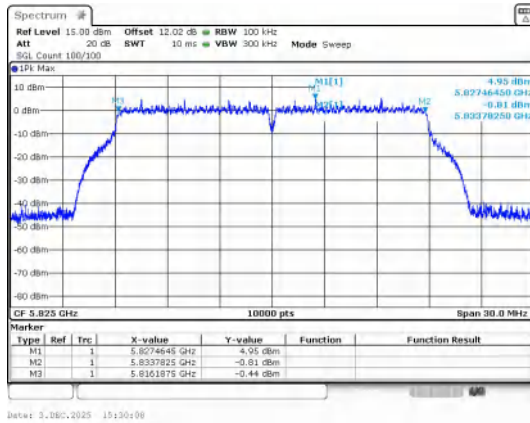
IEEE 802.11ac_Channel 149_20MHz_Antenna 1



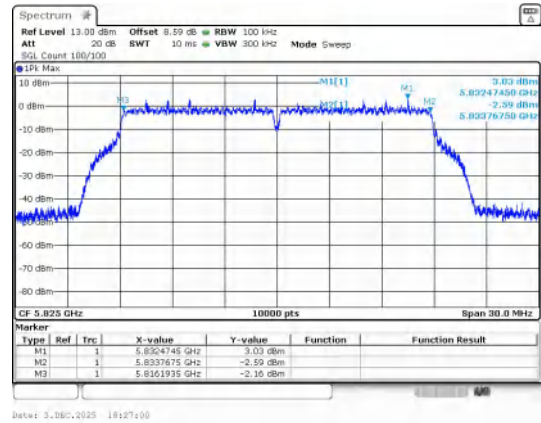
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



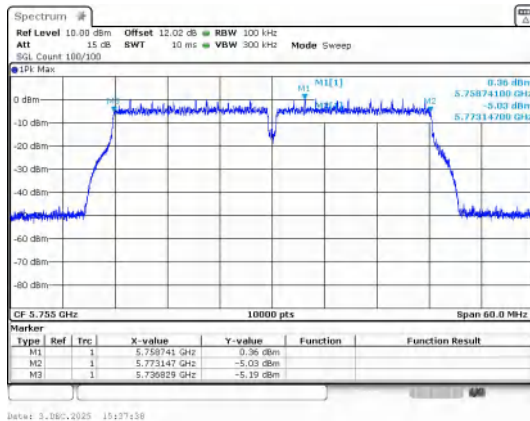
IEEE 802.11ac_Channel 157_20MHz_Antenna 1



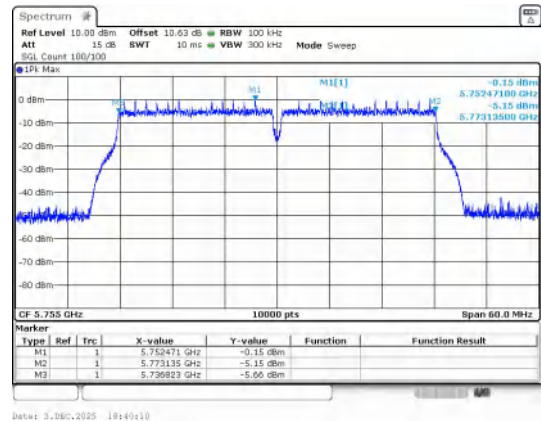
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



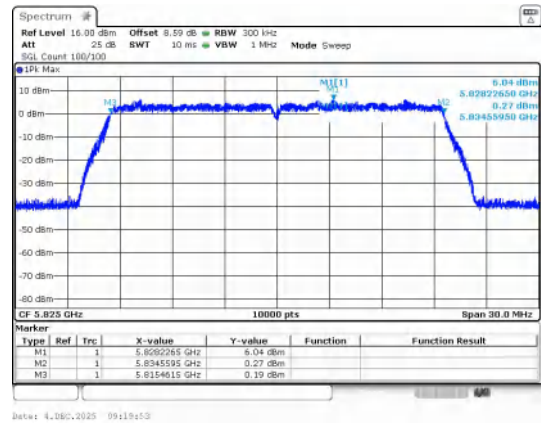
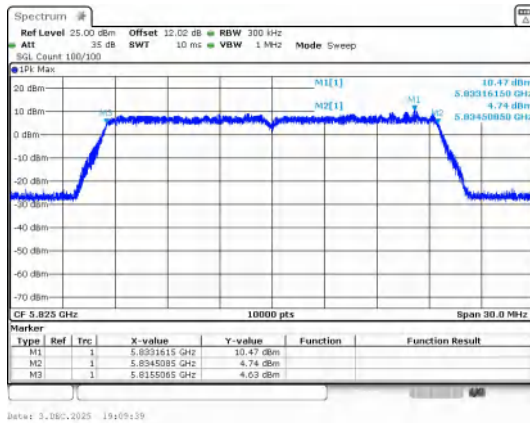
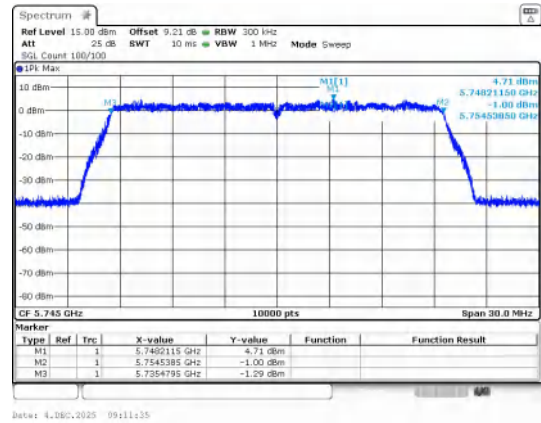
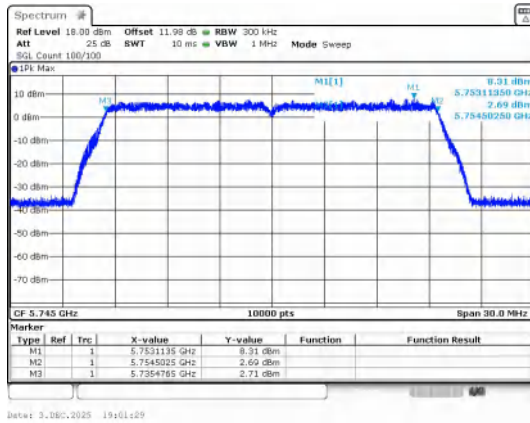
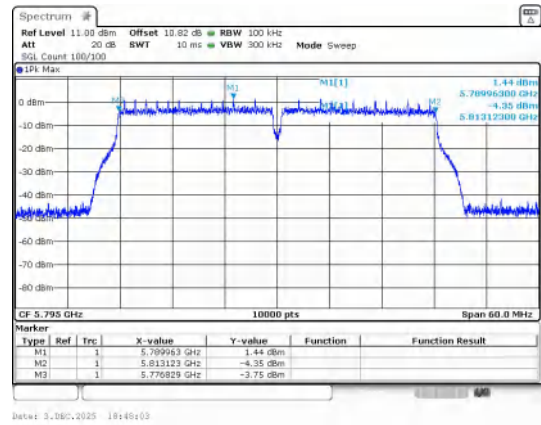
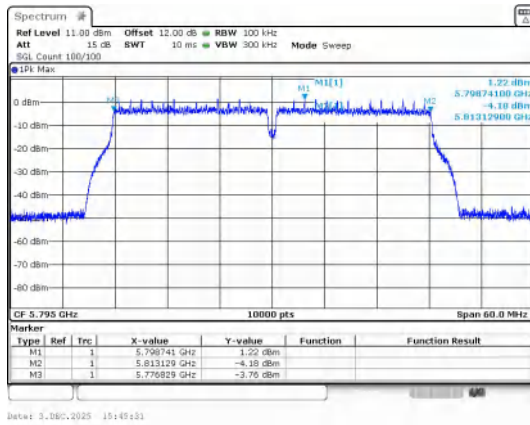
IEEE 802.11ac_Channel 165_20MHz_Antenna 1

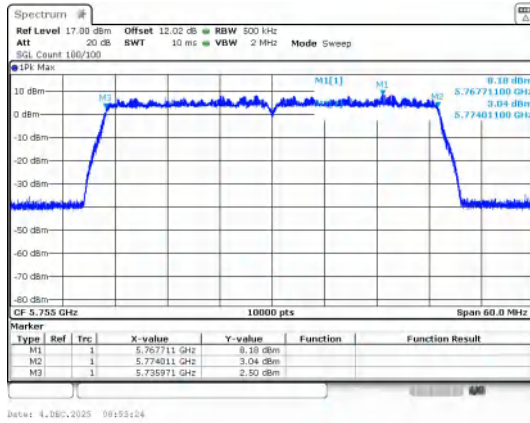


IEEE 802.11ac_Channel 151_40MHz_Antenna 0

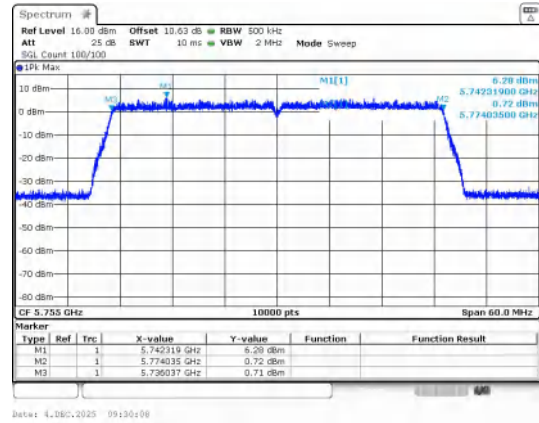


IEEE 802.11ac_Channel 151_40MHz_Antenna 1

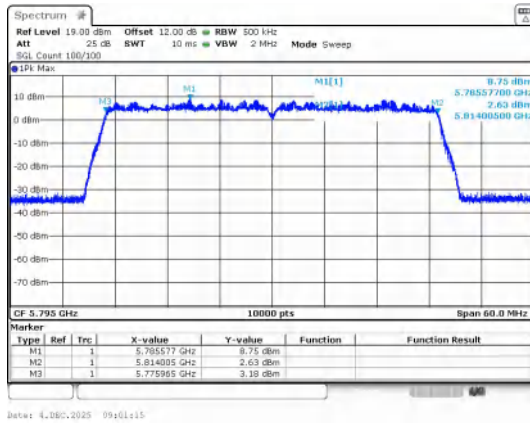




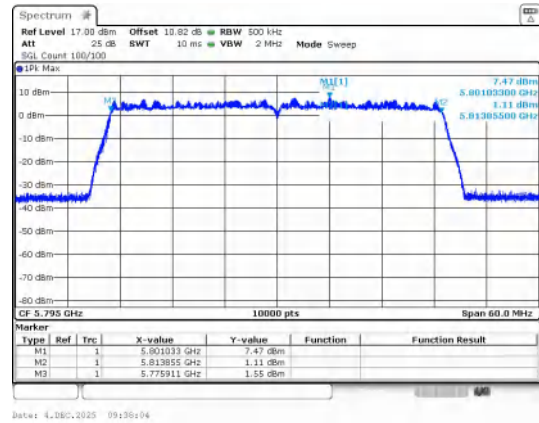
IEEE 802.11ax_Channel 151_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 151_40MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 159_40MHz_Antenna 0_RU&Index SU



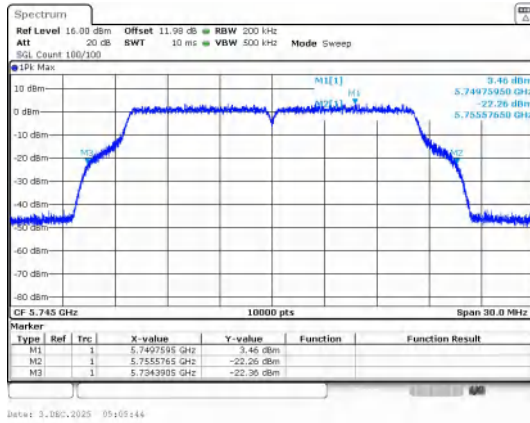
IEEE 802.11ax_Channel 159_40MHz_Antenna 1_RU&Index SU

6) 26dB Bandwidth

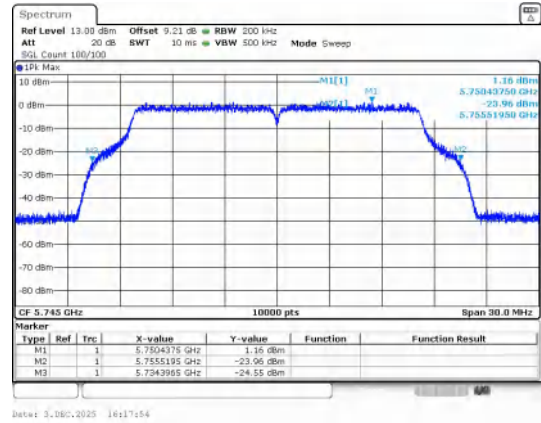
Test Result

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	149	N/A	0	5745	21.19	1.1
			1	5745	21.12	1.1
	157		0	5785	21.03	1.11
			1	5785	21.03	1.11
	165		0	5825	21.14	1.11
			1	5825	21.05	1.11
IEEE 802.11n_20	149		0	5745	21.45	1.1
			1	5745	21.04	1.1
	157		0	5785	21.43	1.11
			1	5785	21.51	1.1
	165		0	5825	21.48	1.1
			1	5825	21.42	1.11
IEEE 802.11n_40	151		0	5755	41.57	1.05
			1	5755	41.55	1.05
	159		0	5795	41.54	1.05
			1	5795	41.49	1.04
IEEE 802.11ac_20	149		0	5745	21.42	1.1
			1	5745	21.46	1.1
	157		0	5785	21.45	1.1
			1	5785	21.37	1.11
	165		0	5825	21.36	1.1
			1	5825	21.52	1.1
IEEE 802.11ac_40	151		0	5755	41.56	1.05
			1	5755	41.56	1.05
	159		0	5795	41.57	1.05
			1	5795	41.46	1.05
IEEE 802.11ax_20	149	SU	0	5745	21.44	1.1
			1	5745	21.33	1.11
	165		0	5825	21.53	1.1
			1	5825	21.30	1.11
IEEE 802.11ax_40	151		0	5755	41.41	1.05
			1	5755	41.35	1.05
	159		0	5795	41.34	1.05
			1	5795	41.16	1.05

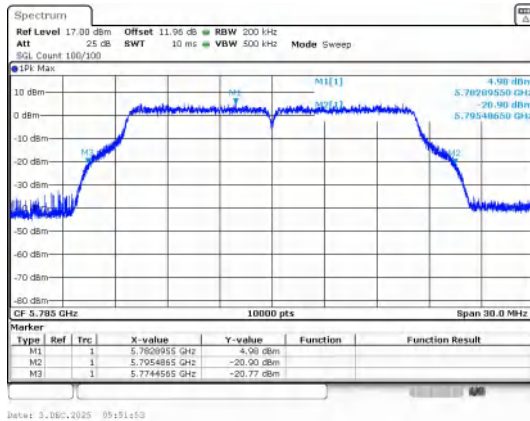
Test Graphs



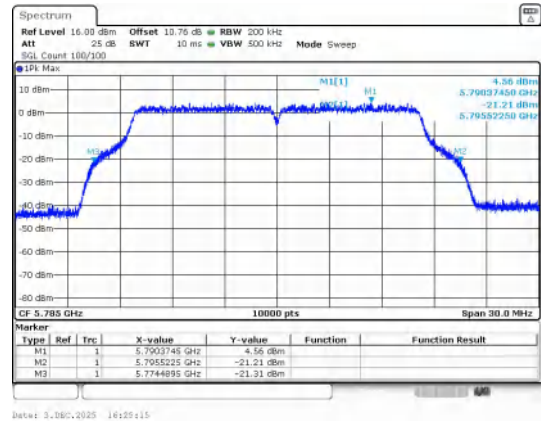
IEEE 802.11a_Channel 149_20MHz_Antenna 0



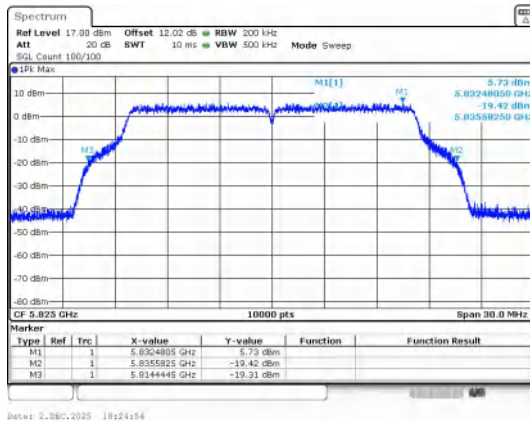
IEEE 802.11a_Channel 149_20MHz_Antenna 1



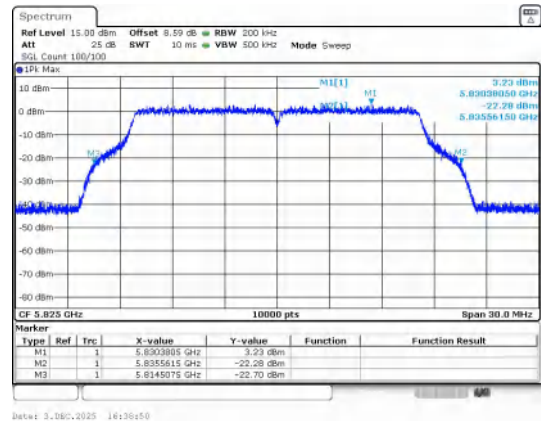
IEEE 802.11a_Channel 157_20MHz_Antenna 0



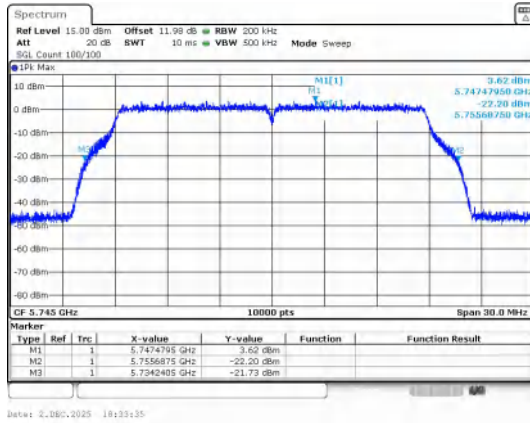
IEEE 802.11a_Channel 157_20MHz_Antenna 1



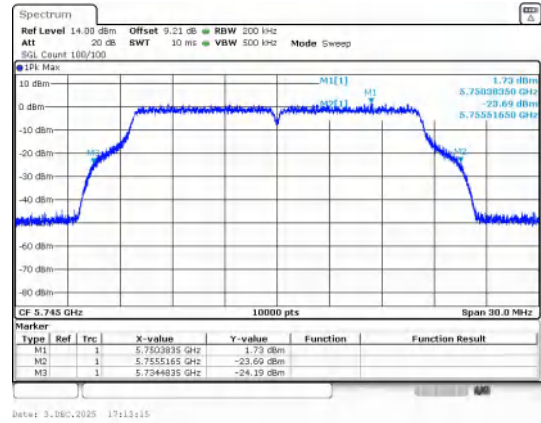
IEEE 802.11a_Channel 165_20MHz_Antenna 0



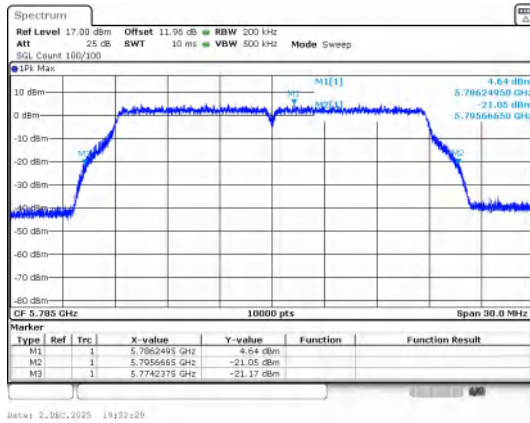
IEEE 802.11a_Channel 165_20MHz_Antenna 1



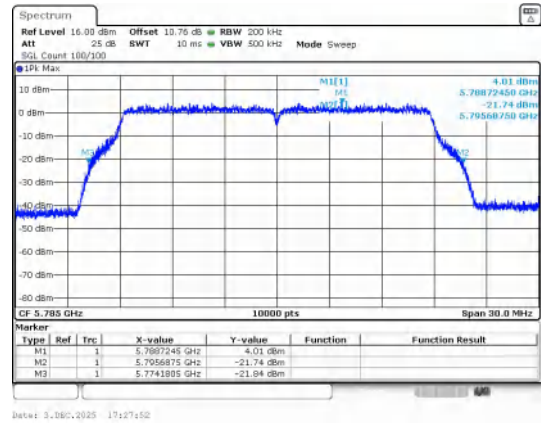
IEEE 802.11n_Channel 149_20MHz_Antenna 0



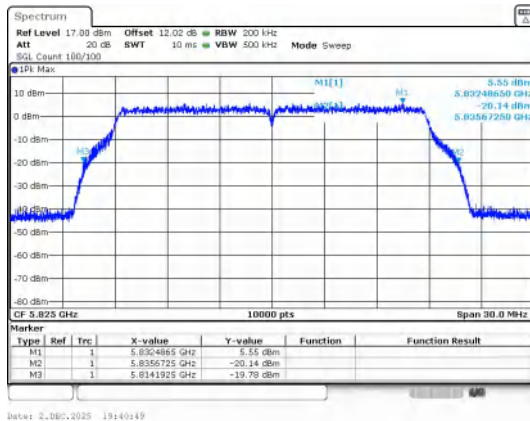
IEEE 802.11n_Channel 149_20MHz_Antenna 1



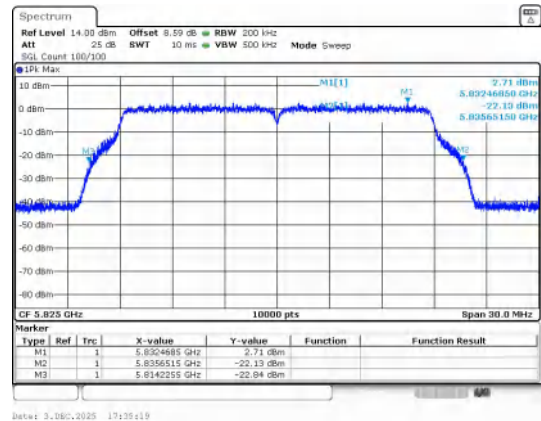
IEEE 802.11n_Channel 157_20MHz_Antenna 0



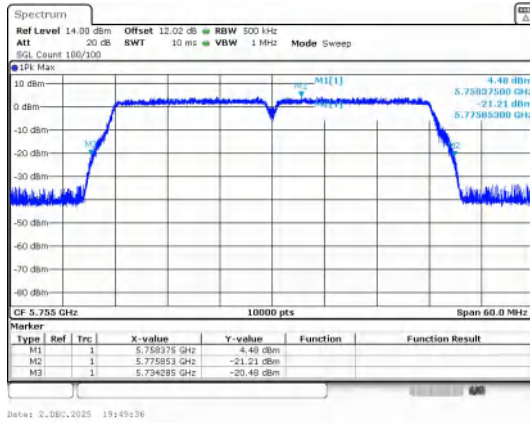
IEEE 802.11n_Channel 157_20MHz_Antenna 1



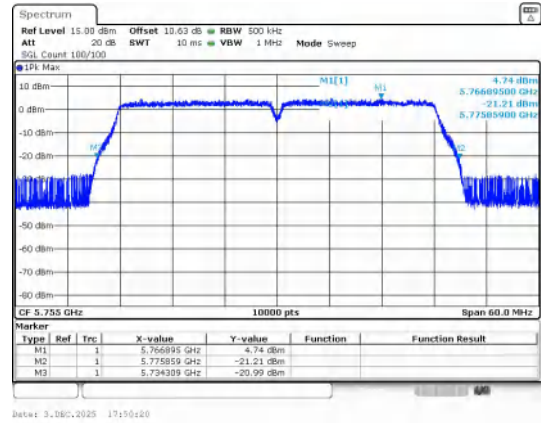
IEEE 802.11n_Channel 165_20MHz_Antenna 0



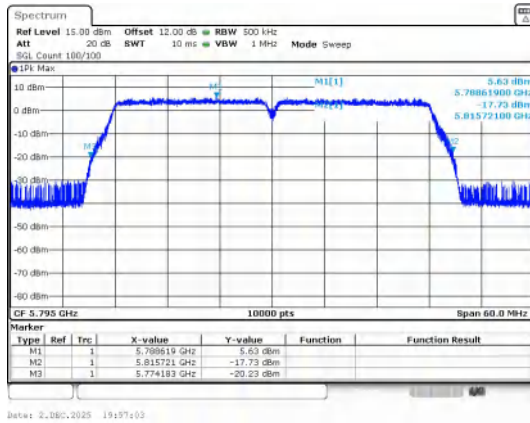
IEEE 802.11n_Channel 165_20MHz_Antenna 1



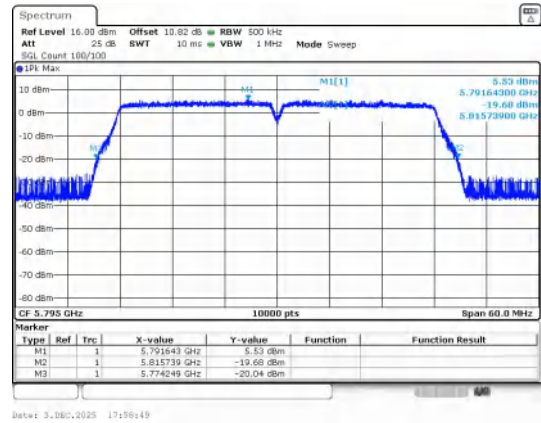
IEEE 802.11n_Channel 151_40MHz_Antenna 0



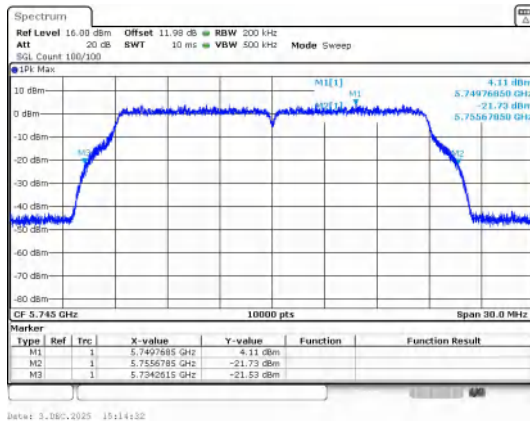
IEEE 802.11n_Channel 151_40MHz_Antenna 1



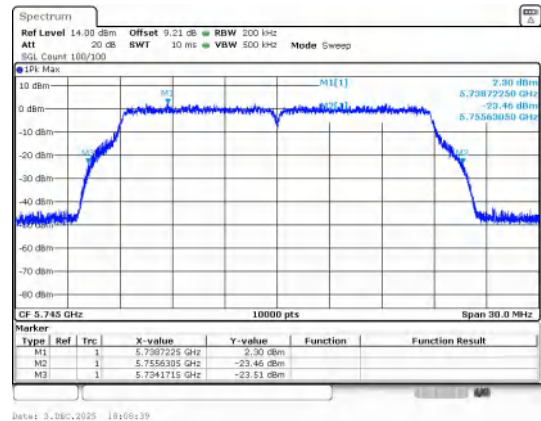
IEEE 802.11n_Channel 159_40MHz_Antenna 0



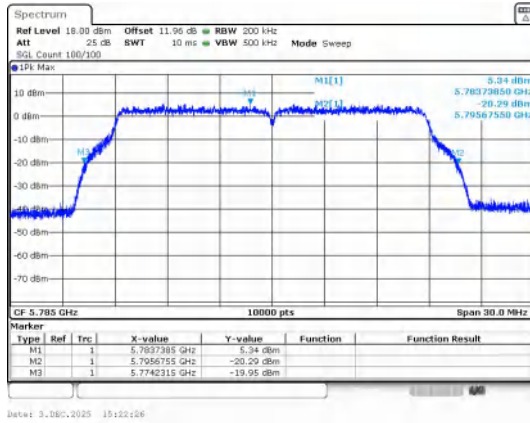
IEEE 802.11n_Channel 159_40MHz_Antenna 1



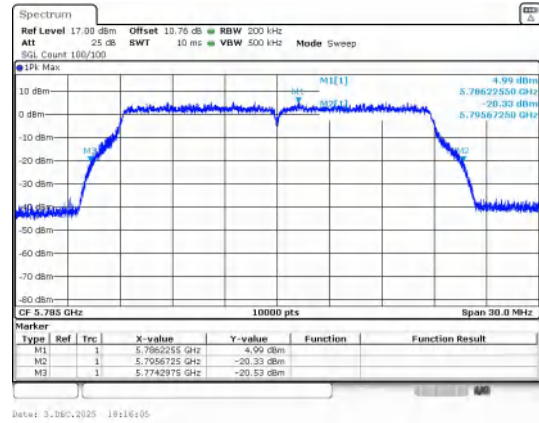
IEEE 802.11ac_Channel 149_20MHz_Antenna 0



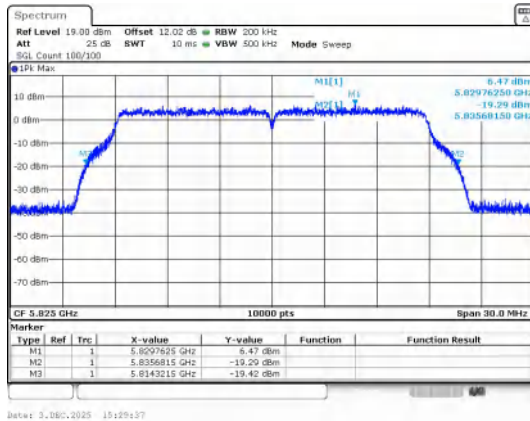
IEEE 802.11ac_Channel 149_20MHz_Antenna 1



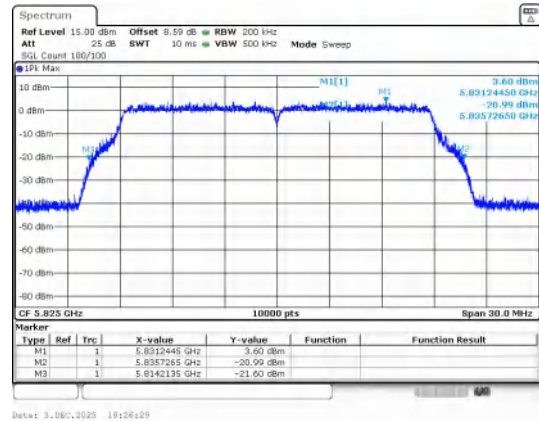
IEEE 802.11ac_Channel 157_20MHz_Antenna 0



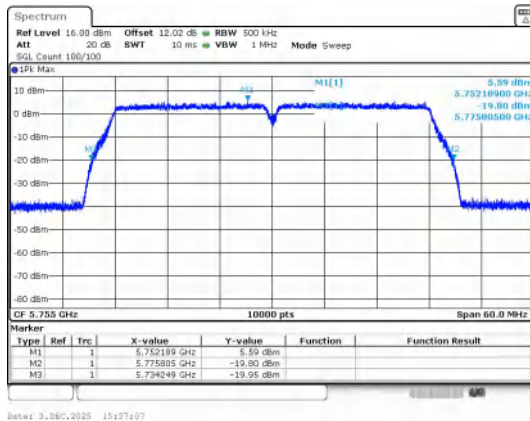
IEEE 802.11ac_Channel 157_20MHz_Antenna 1



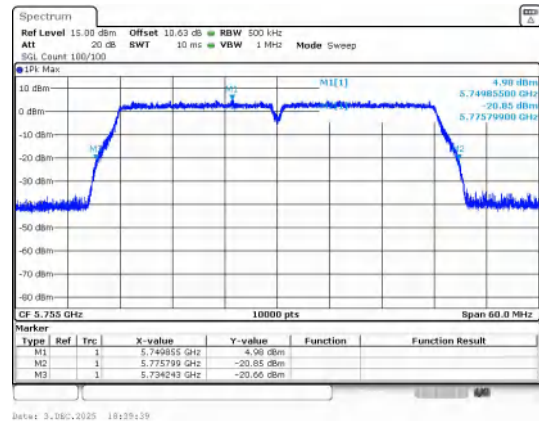
IEEE 802.11ac_Channel 165_20MHz_Antenna 0



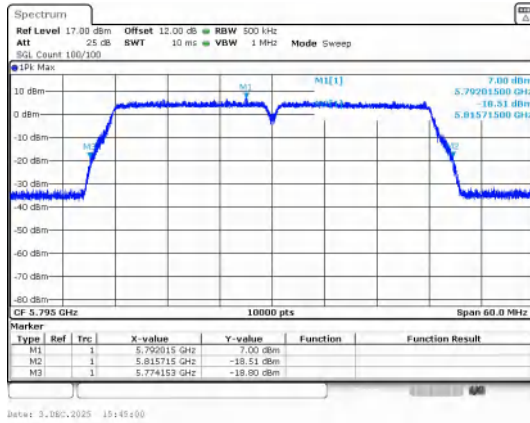
IEEE 802.11ac_Channel 165_20MHz_Antenna 1



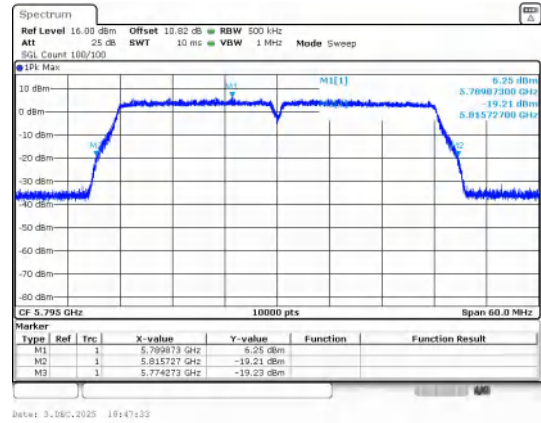
IEEE 802.11ac_Channel 151_40MHz_Antenna 0



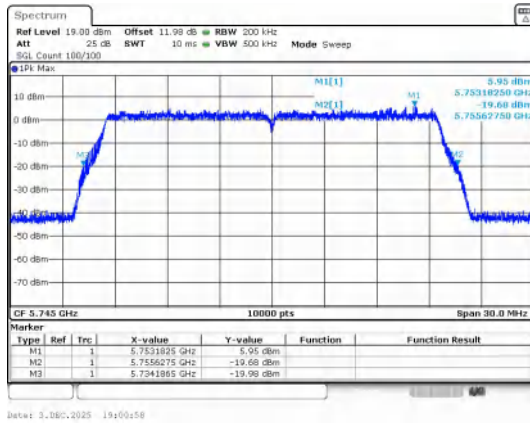
IEEE 802.11ac_Channel 151_40MHz_Antenna 1



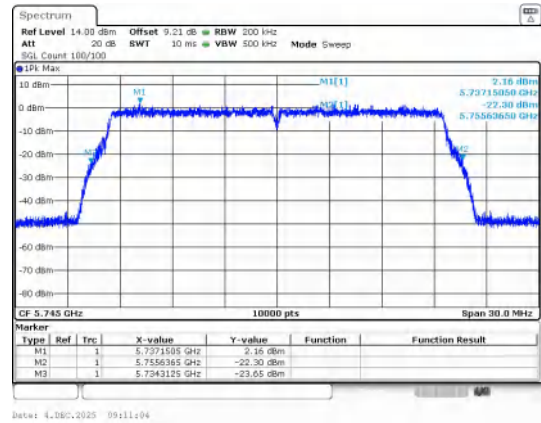
IEEE 802.11ac_Channel 159_40MHz_Antenna 0



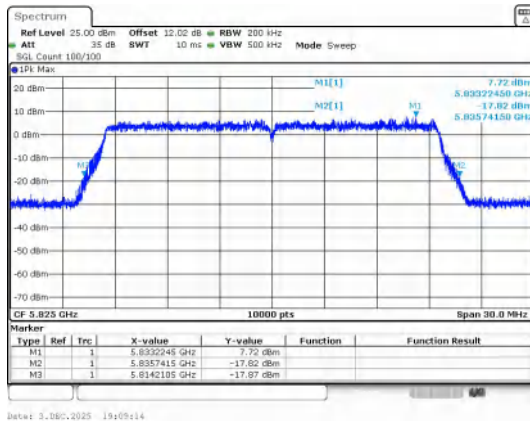
IEEE 802.11ac_Channel 159_40MHz_Antenna 1



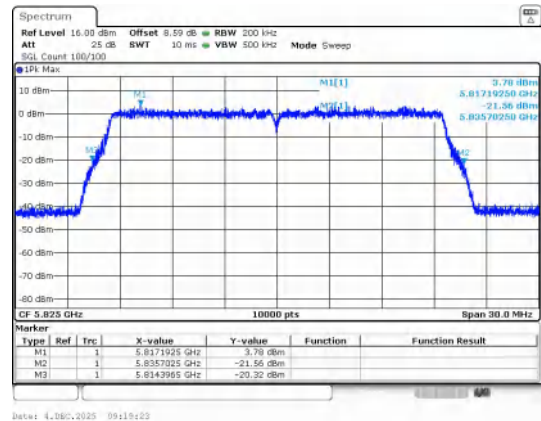
IEEE 802.11ax_Channel 149_20MHz_Antenna 0_RU&Index SU



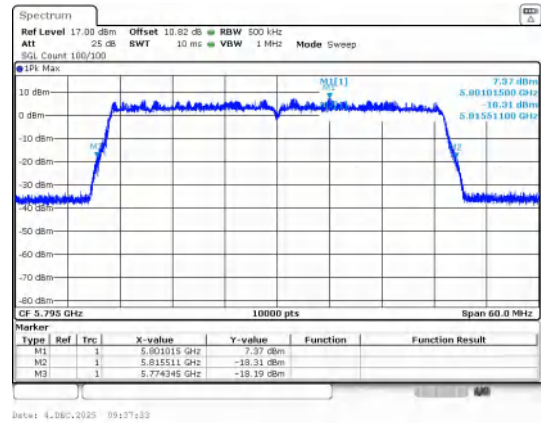
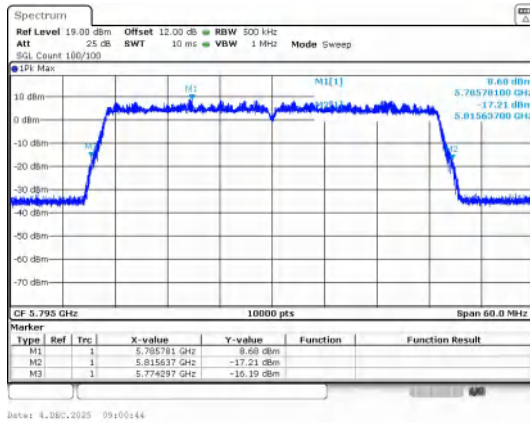
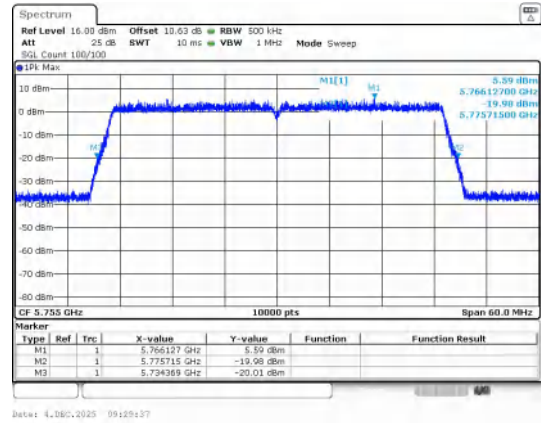
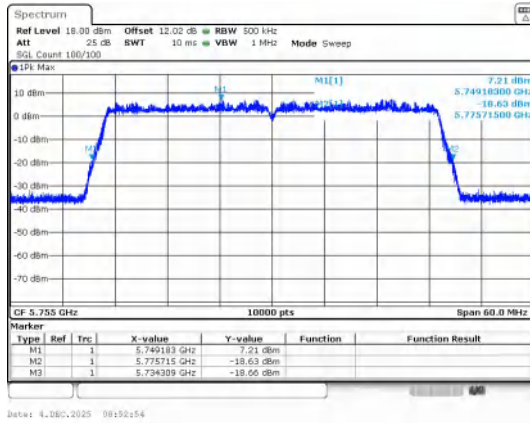
IEEE 802.11ax_Channel 149_20MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 165_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 165_20MHz_Antenna 1_RU&Index SU

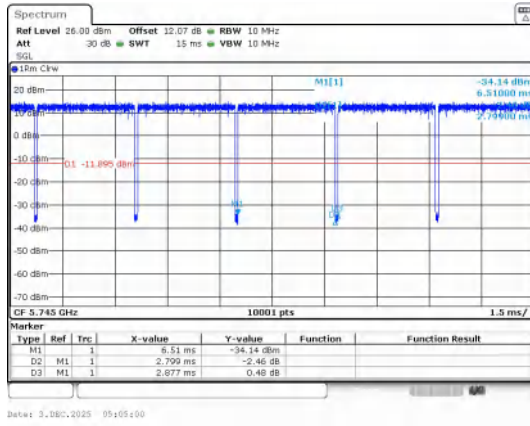


7) Duty Cycle

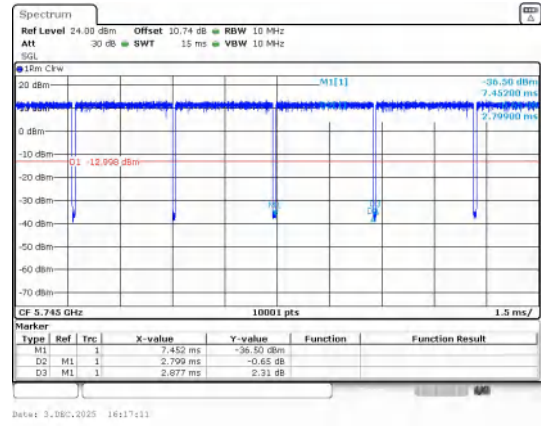
Test Result

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	2.799	2.877	97.29	0.9729	0.1193	0.3573		
				2	2.799	2.877	97.29	0.9729	0.1193	0.3573		
		157		1	2.798	2.875	97.29	0.9729	0.1193	0.3574		
				2	2.796	2.876	97.22	0.9722	0.1224	0.3577		
		165		1	2.798	2.877	97.24	0.9724	0.1216	0.3574		
				2	2.799	2.877	97.29	0.9729	0.1193	0.3573		
IEEE 802.11n_20	MCS 0	149		1	2.602	2.828	92.04	0.9204	0.3602	0.3843		
				2	2.796	2.876	97.22	0.9722	0.1224	0.3577		
		157		1	2.601	2.680	97.03	0.9703	0.1309	0.3845		
				2	2.600	2.679	97.05	0.9705	0.13	0.3846		
		165		1	2.600	2.680	97.01	0.9701	0.1318	0.3846		
				2	2.600	2.680	97.01	0.9701	0.1318	0.3846		
IEEE 802.11n_40		151		1	1.261	1.341	94.08	0.9408	0.265	0.7930		
				2	1.272	1.351	94.15	0.9415	0.2618	0.7862		
		159		1	1.272	1.351	94.15	0.9415	0.2618	0.7862		
				2	1.261	1.341	94.08	0.9408	0.265	0.7930		
IEEE 802.11ac_20		MCS 0		149	1	2.608	2.688	97.02	0.9702	0.1314	0.3834	
					2	2.599	2.680	96.98	0.9698	0.1332	0.3848	
				157	1	2.608	2.688	97.02	0.9702	0.1314	0.3834	
					2	2.600	2.680	97.01	0.9701	0.1318	0.3846	
				165	1	2.610	2.688	97.10	0.9710	0.1278	0.3831	
					2	2.602	2.681	97.09	0.9709	0.1283	0.3843	
IEEE 802.11ac_40				151	1	1.280	1.359	94.19	0.9419	0.26	0.7812	
					2	1.269	1.348	94.11	0.9411	0.2636	0.7880	
				159	1	1.280	1.359	94.19	0.9419	0.26	0.7812	
					2	1.280	1.359	94.19	0.9419	0.26	0.7812	
IEEE 802.11ax_20			MCS 0	149	SU	1	1.992	2.072	96.14	0.9614	0.171	0.5020
						2	1.992	2.334	85.35	0.8535	0.688	0.5020
				165		1	1.992	2.072	96.14	0.9614	0.171	0.5020
						2	1.992	2.072	96.14	0.9614	0.171	0.5020
IEEE 802.11ax_40				151		1	1.017	1.097	92.71	0.9271	0.3287	0.9833
						2	3.925	3.946	99.47	0.9947	0.0231	0.2548
	159			1		1.017	1.097	92.71	0.9271	0.3287	0.9833	
				2		1.017	1.097	92.71	0.9271	0.3287	0.9833	

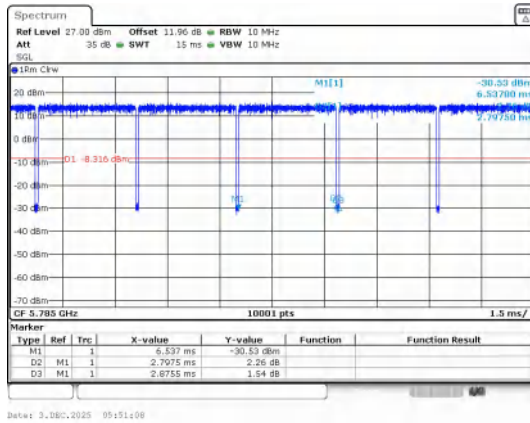
Test Graphs



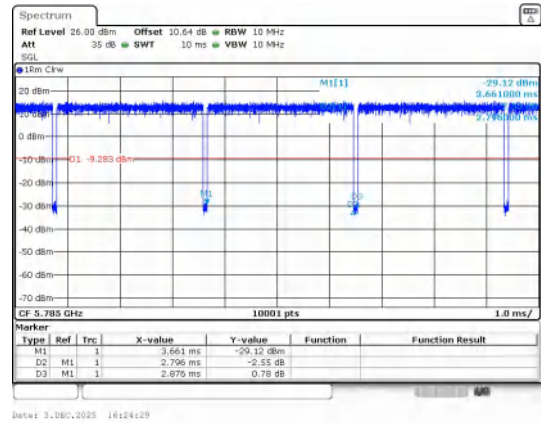
IEEE 802.11a_20MHz_Channel 149



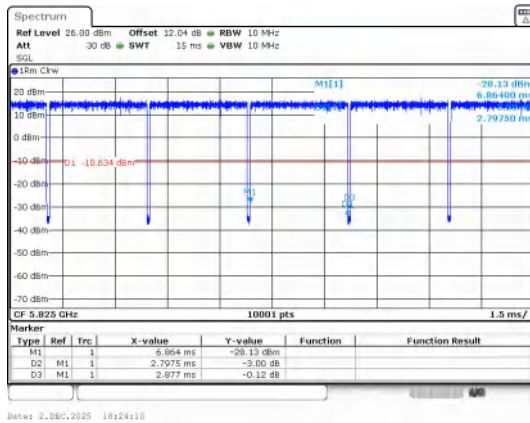
IEEE 802.11a_20MHz_Channel 149



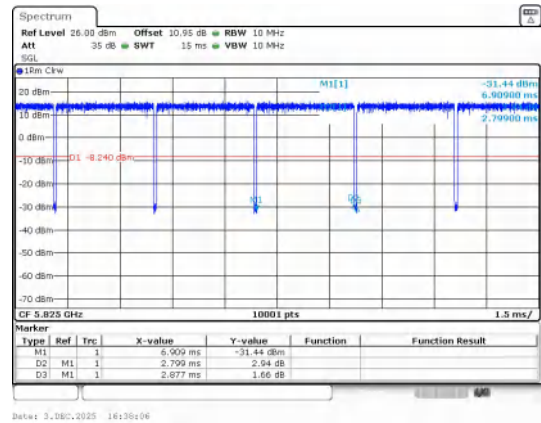
IEEE 802.11a_20MHz_Channel 157



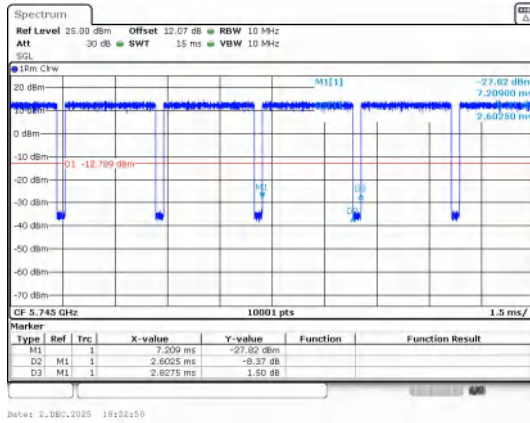
IEEE 802.11a_20MHz_Channel 157



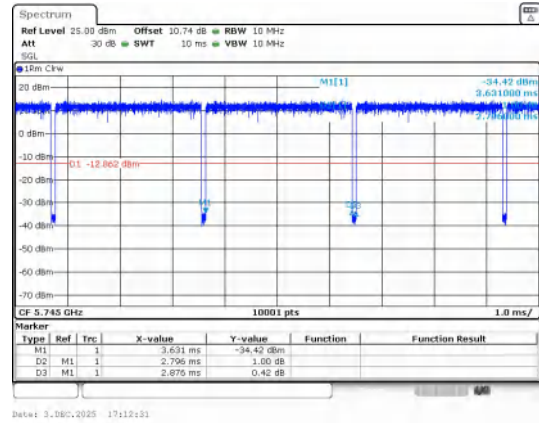
IEEE 802.11a_20MHz_Channel 165



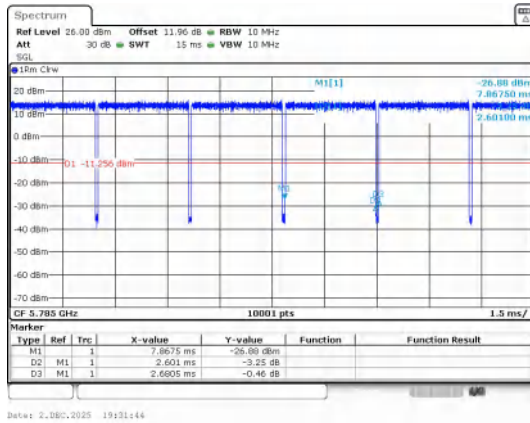
IEEE 802.11a_20MHz_Channel 165



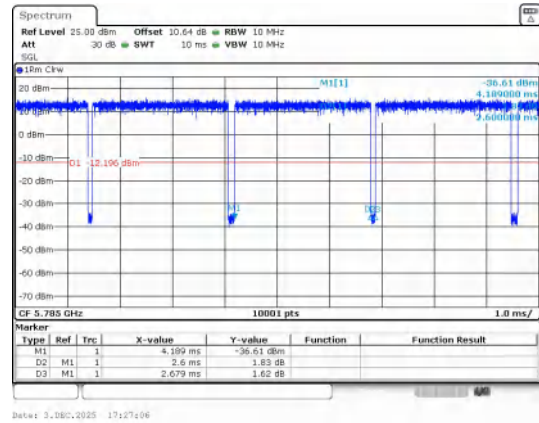
IEEE 802.11n_20MHz_Channel 149



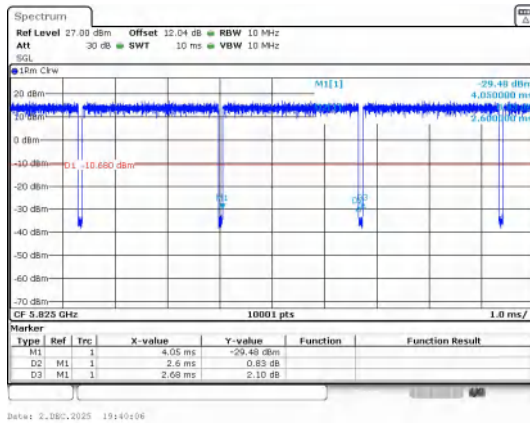
IEEE 802.11n_20MHz_Channel 149



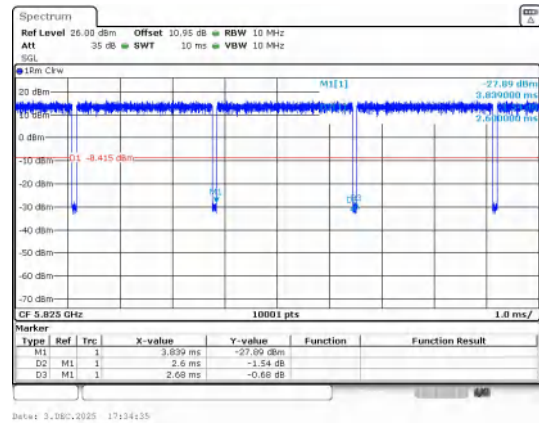
IEEE 802.11n_20MHz_Channel 157



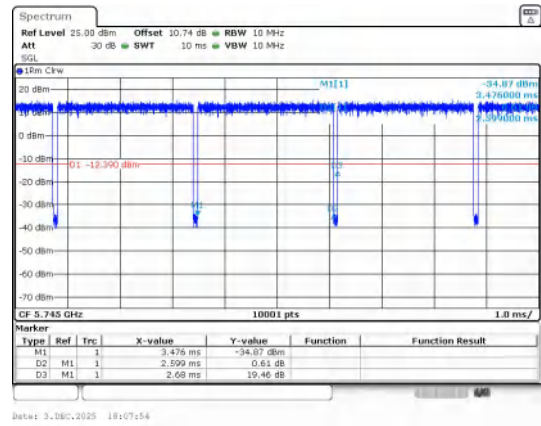
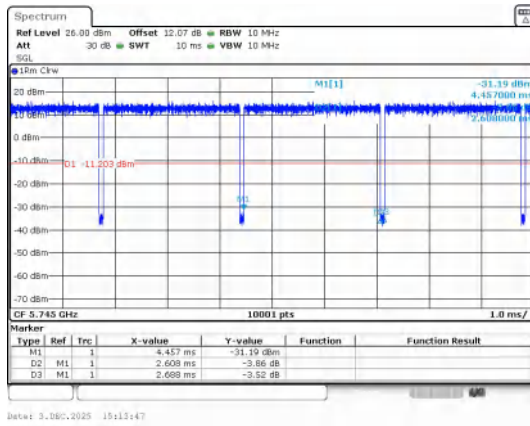
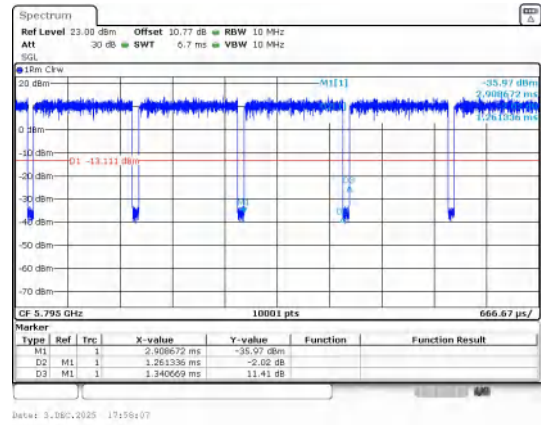
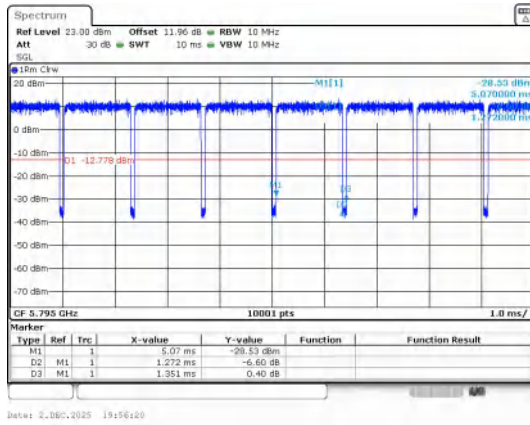
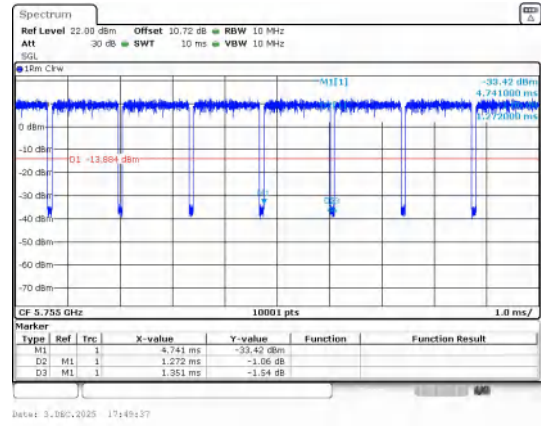
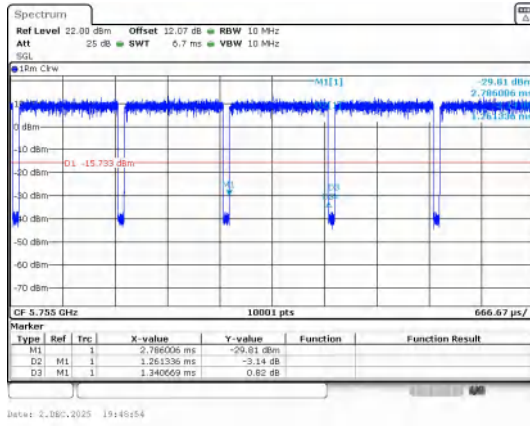
IEEE 802.11n_20MHz_Channel 157

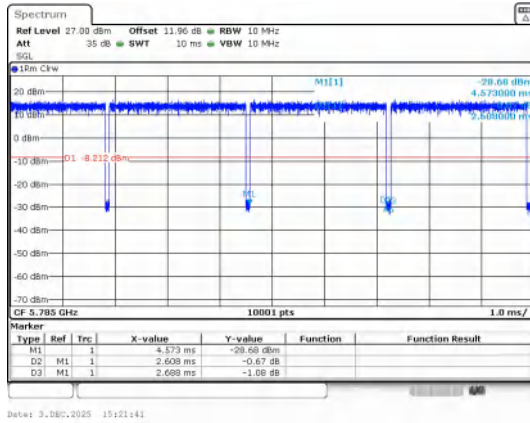


IEEE 802.11n_20MHz_Channel 165

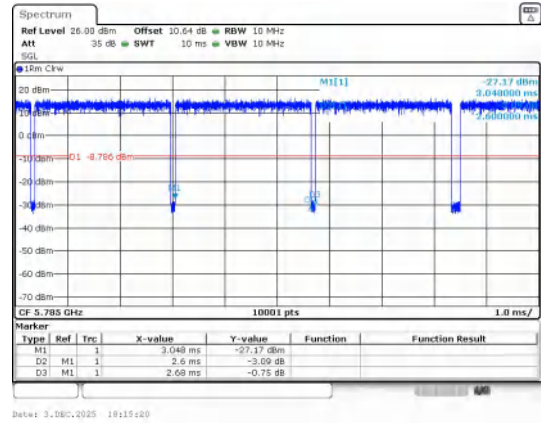


IEEE 802.11n_20MHz_Channel 165

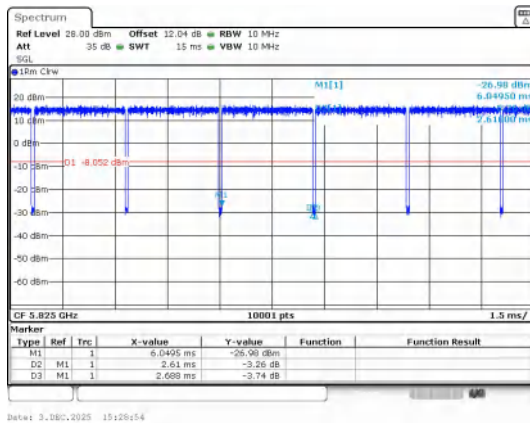




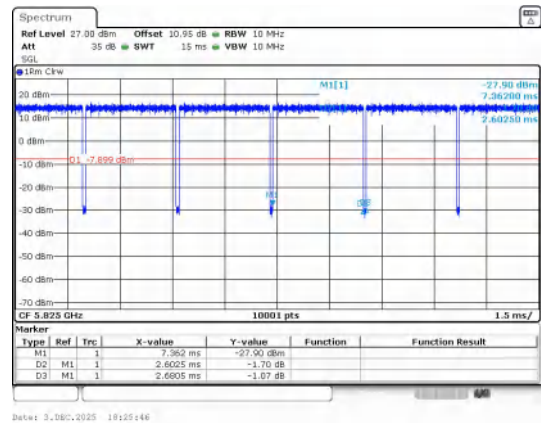
IEEE 802.11ac_20MHz_Channel 157



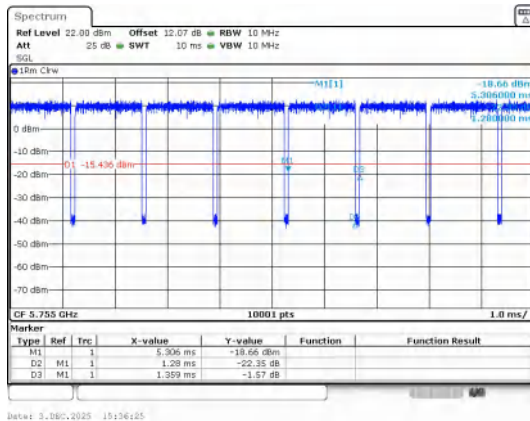
IEEE 802.11ac_20MHz_Channel 157



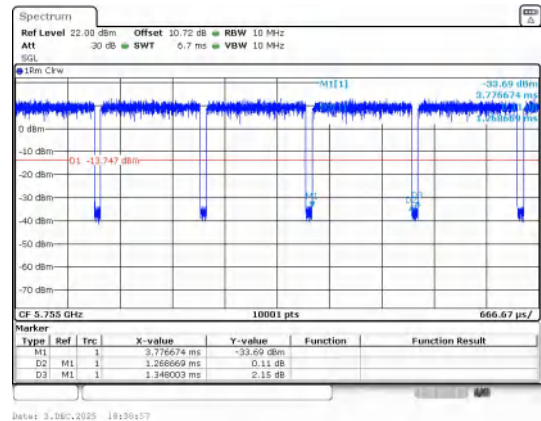
IEEE 802.11ac_20MHz_Channel 165



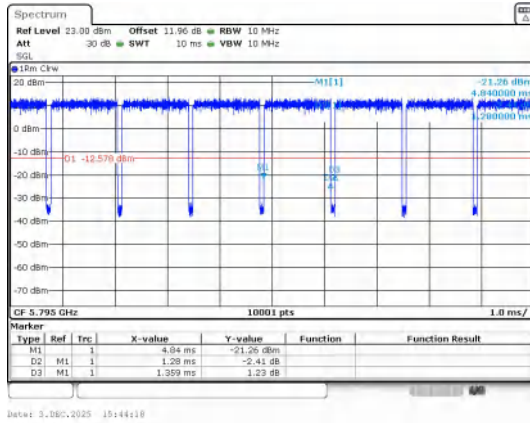
IEEE 802.11ac_20MHz_Channel 165



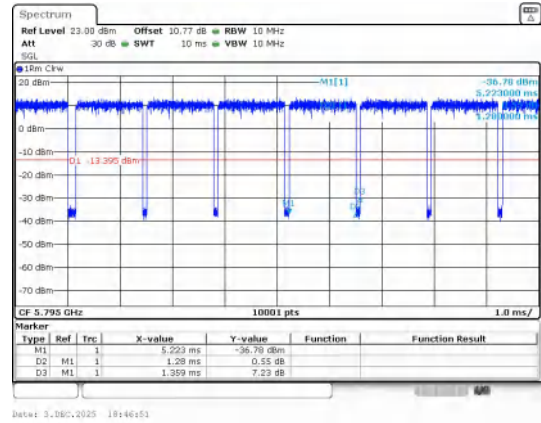
IEEE 802.11ac_40MHz_Channel 151



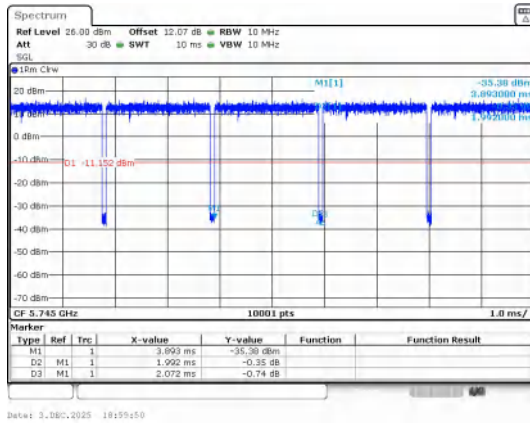
IEEE 802.11ac_40MHz_Channel 151



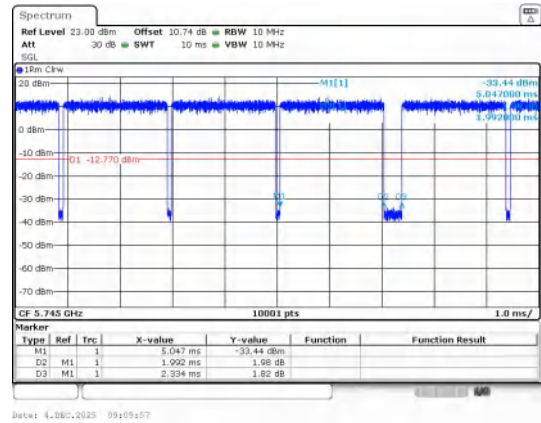
IEEE 802.11ac_40MHz_Channel 159



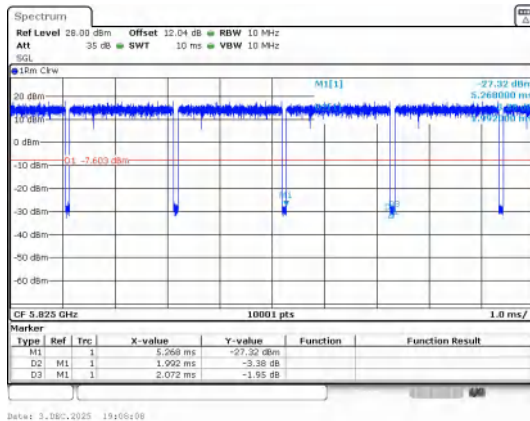
IEEE 802.11ac_40MHz_Channel 159



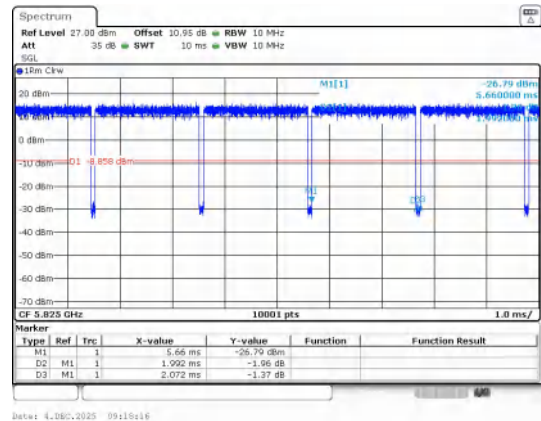
IEEE 802.11ax_20MHz_Channel 149



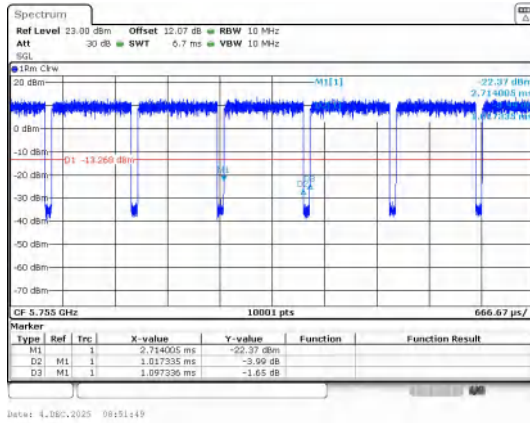
IEEE 802.11ax_20MHz_Channel 149



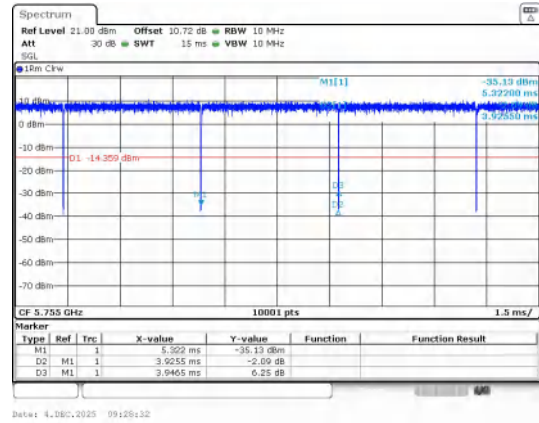
IEEE 802.11ax_20MHz_Channel 165



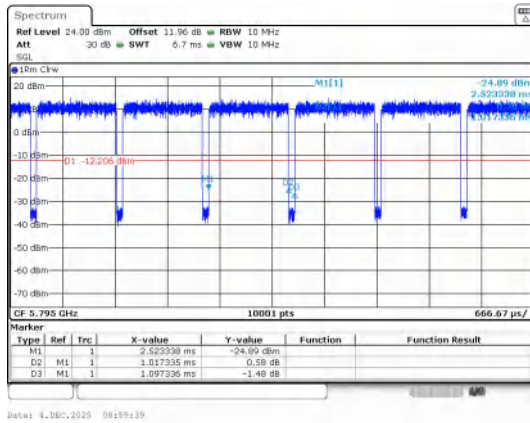
IEEE 802.11ax_20MHz_Channel 165



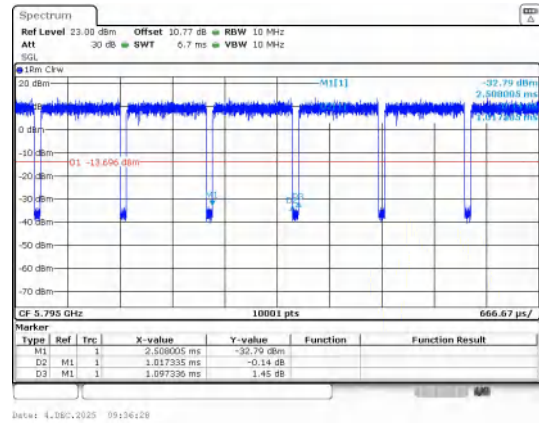
IEEE 802.11ax_40MHz_Channel 151



IEEE 802.11ax_40MHz_Channel 151



IEEE 802.11ax_40MHz_Channel 159



IEEE 802.11ax_40MHz_Channel 159