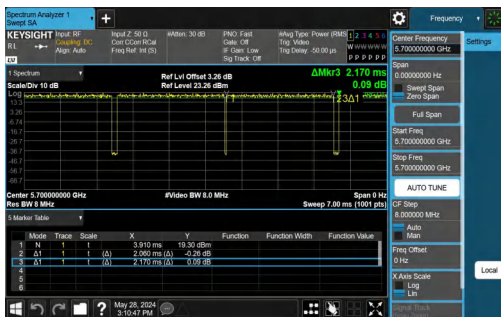
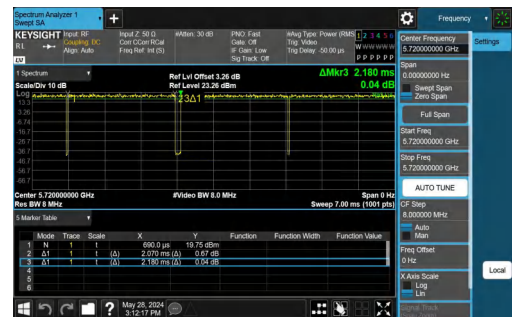


Test Graphs

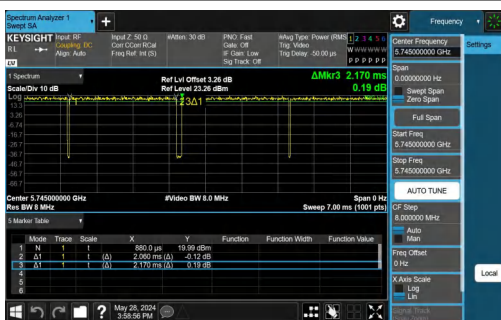




NTNV-11A-Ant1-5745



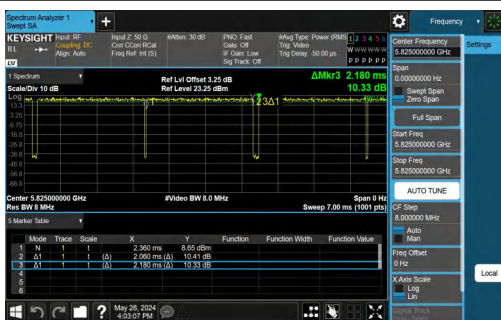
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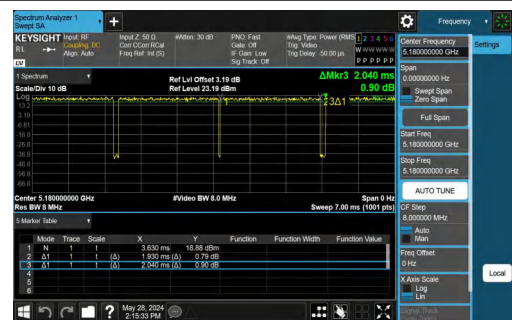
NTNV-11A-Ant1-5825



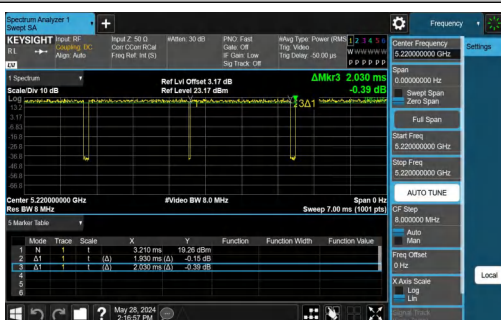
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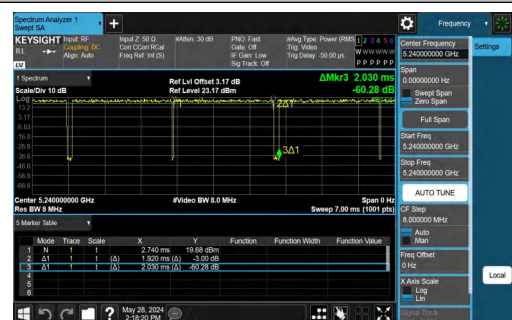
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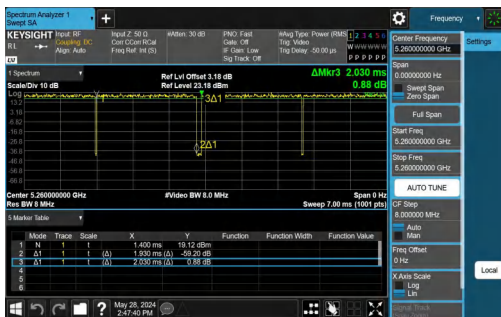
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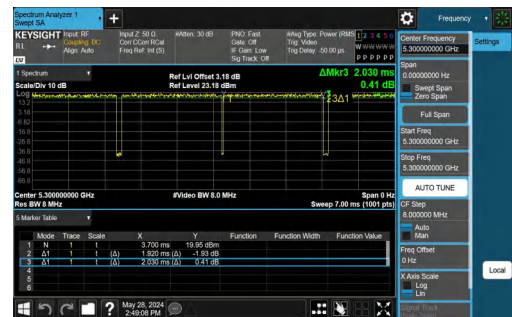
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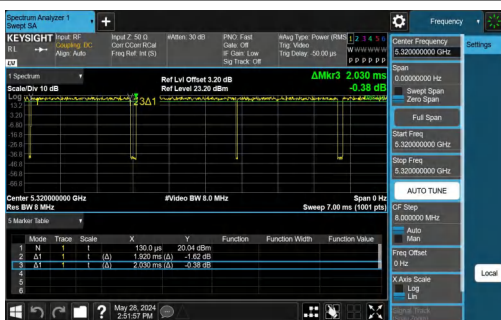
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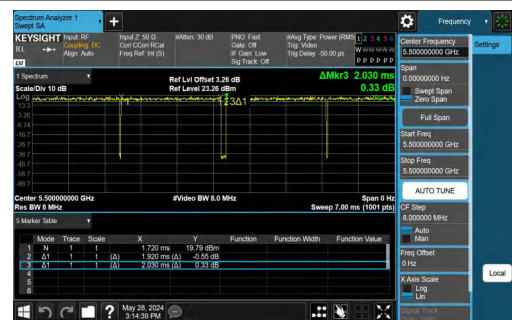
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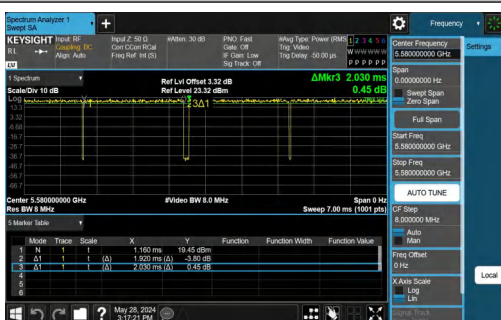
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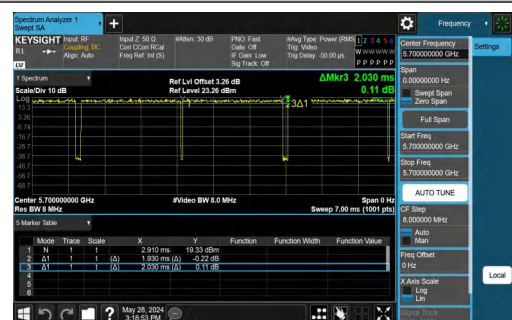
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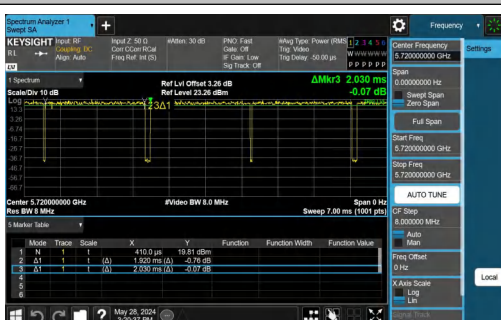
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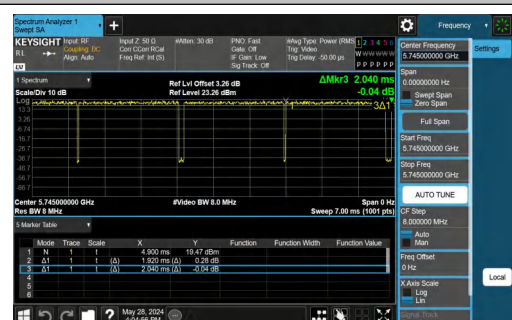
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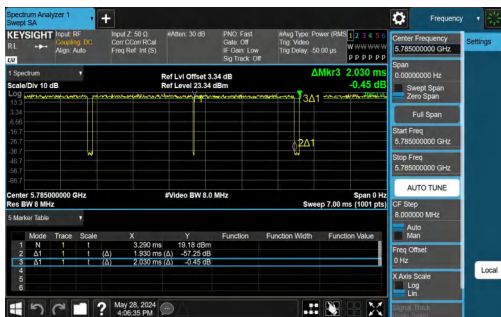
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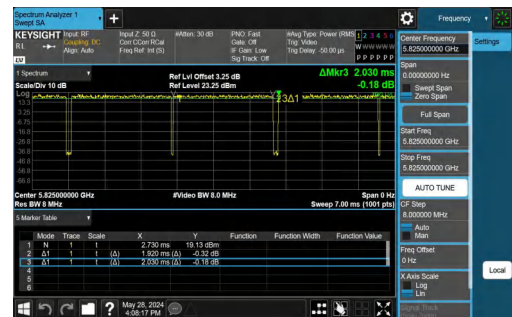
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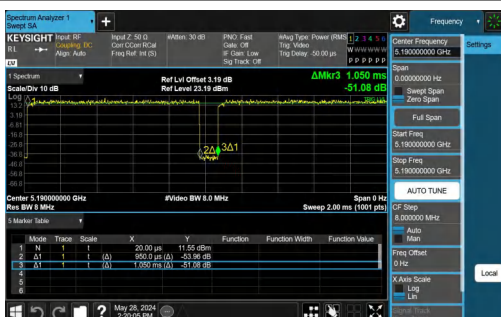
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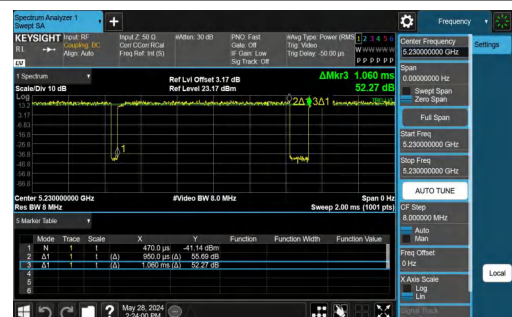
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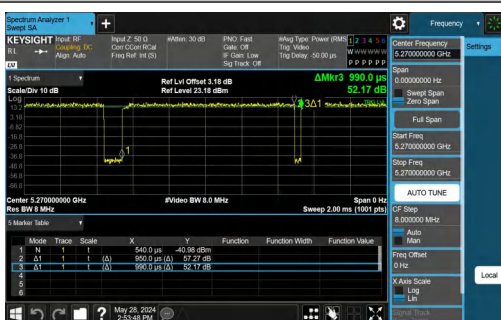
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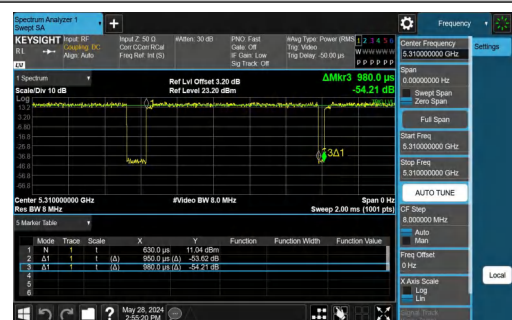
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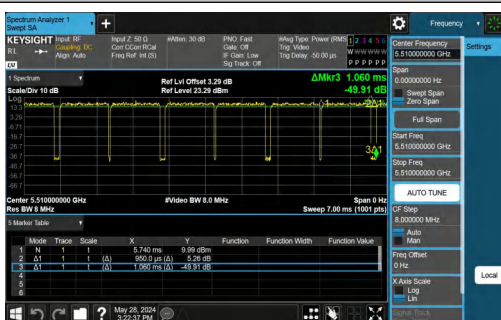
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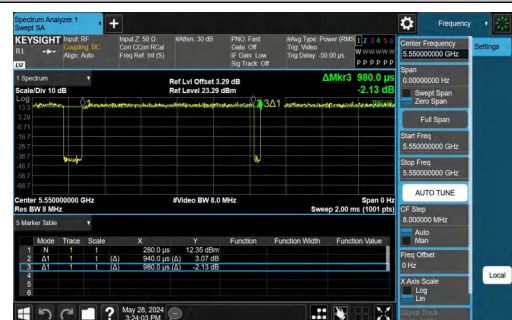
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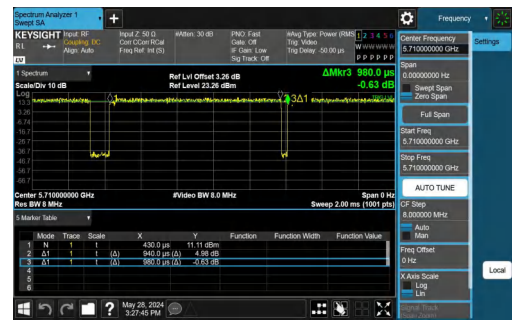
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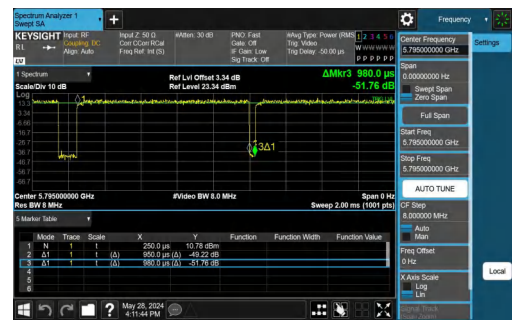
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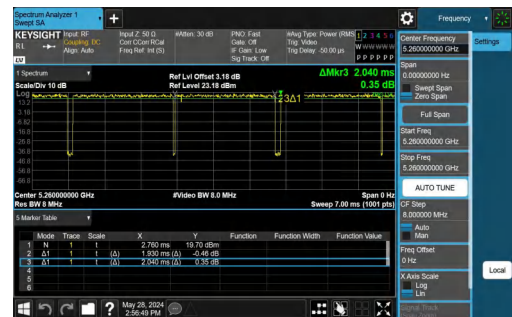
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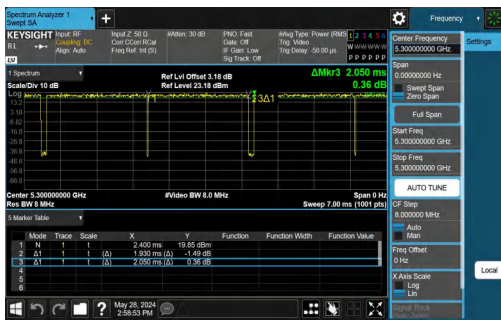
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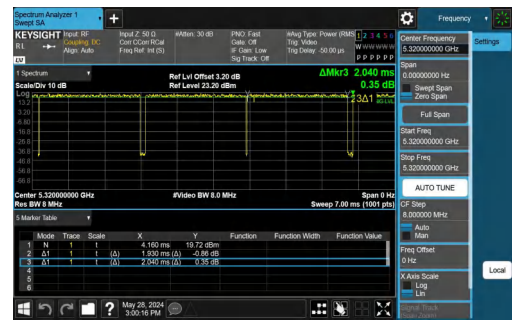
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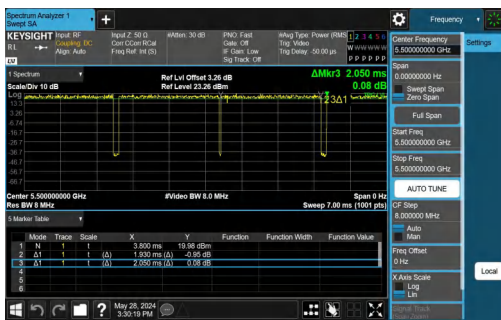
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NTNV-11AC20SISO-Ant1-5500



NTNV-11AC20SISO-Ant1-5580



NTNV-11AC20SISO-Ant1-5700



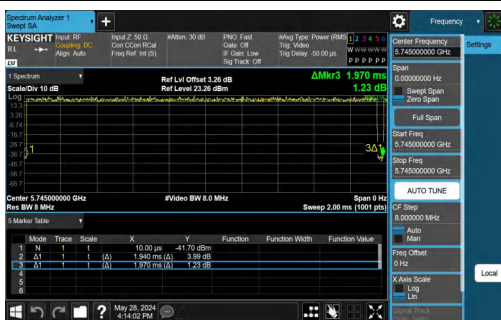
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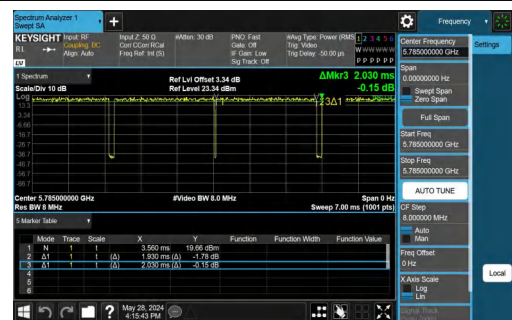
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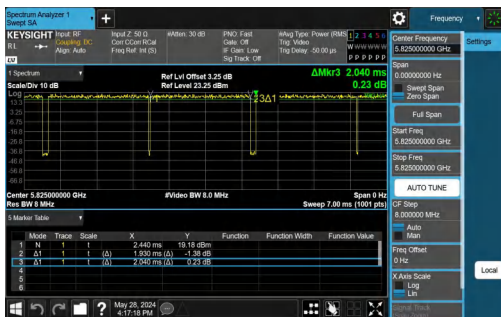
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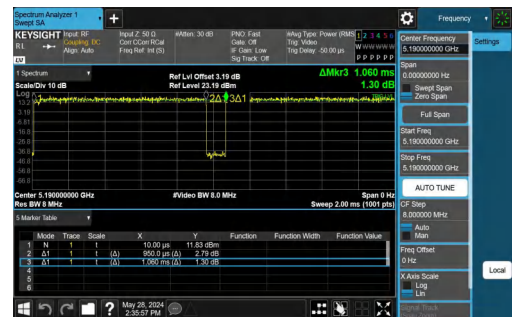
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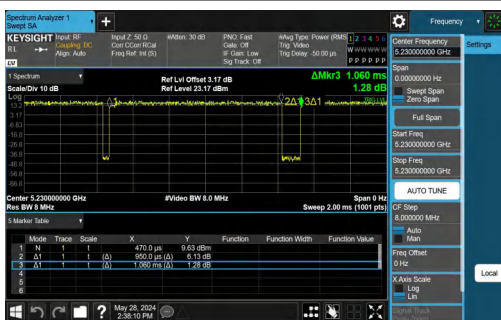
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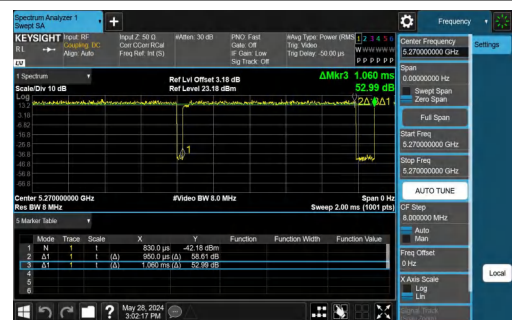
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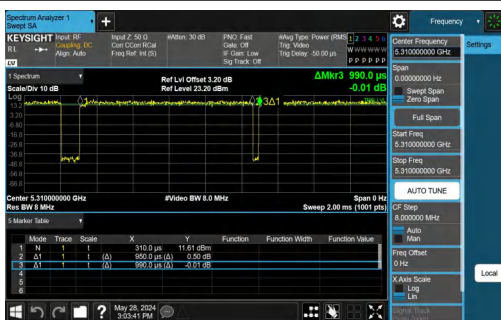
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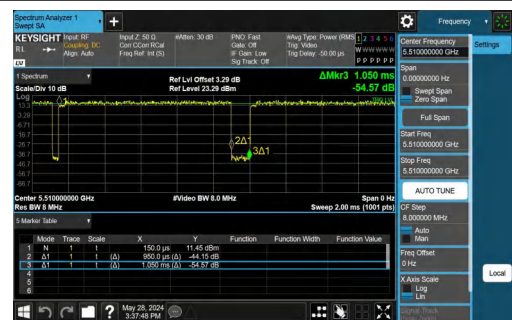
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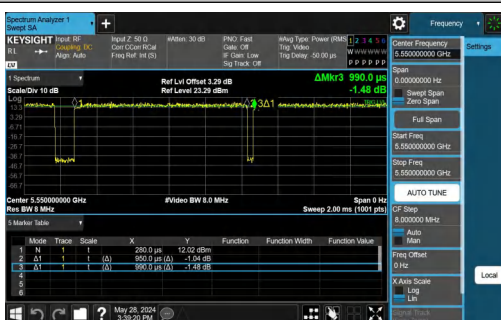
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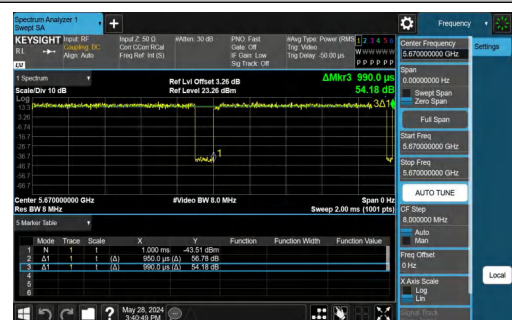
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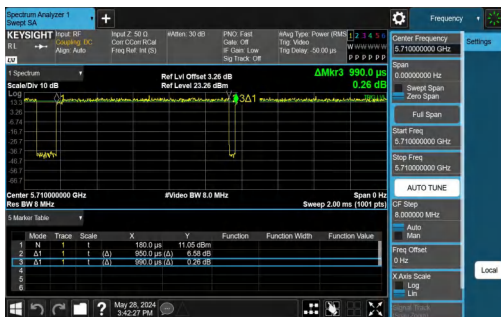
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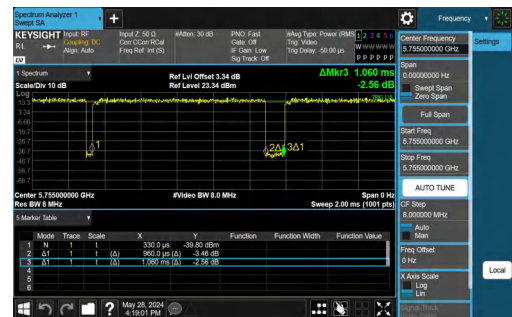
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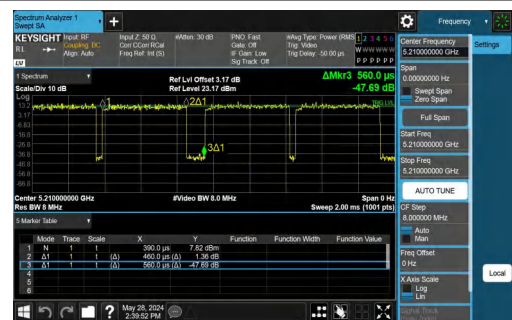
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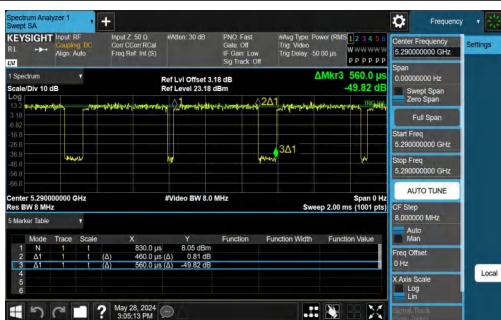
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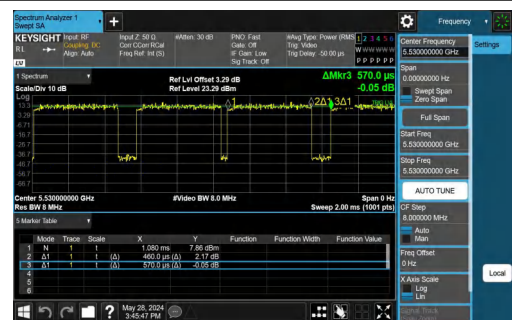
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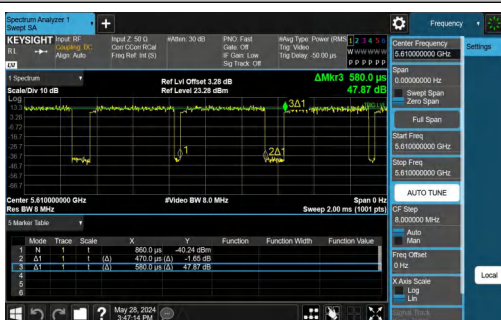
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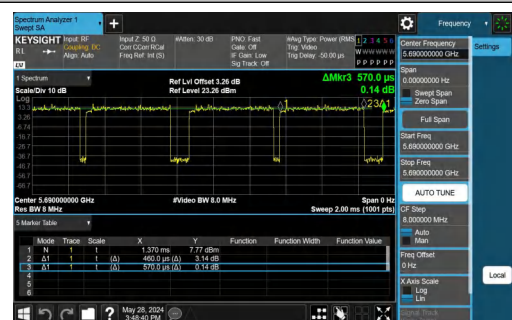
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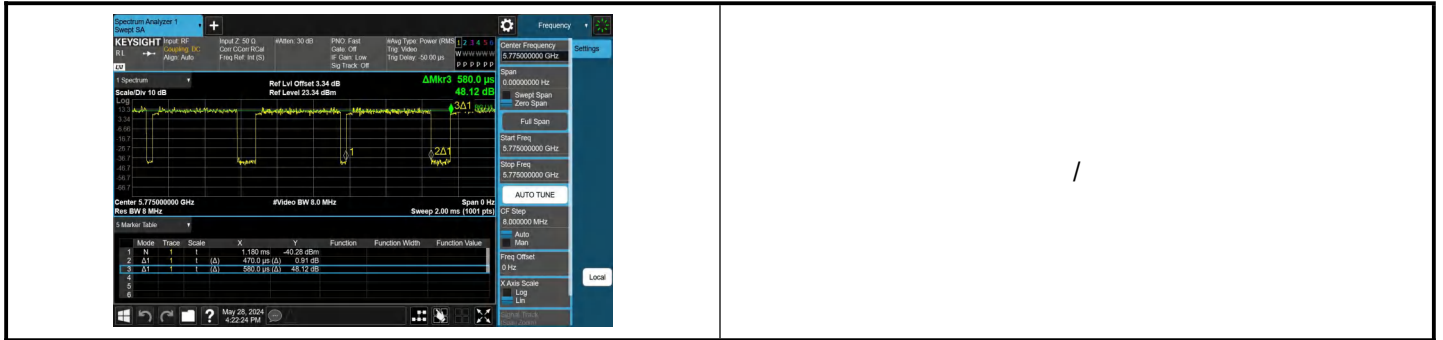
NTNV-11AC80SISO-Ant1-5690



NTNV-11AC80SISO-Ant1-5775



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Appendix B – Test Results of Radiated Test

B.1 Unwanted Emissions

Test Result_Band Edges

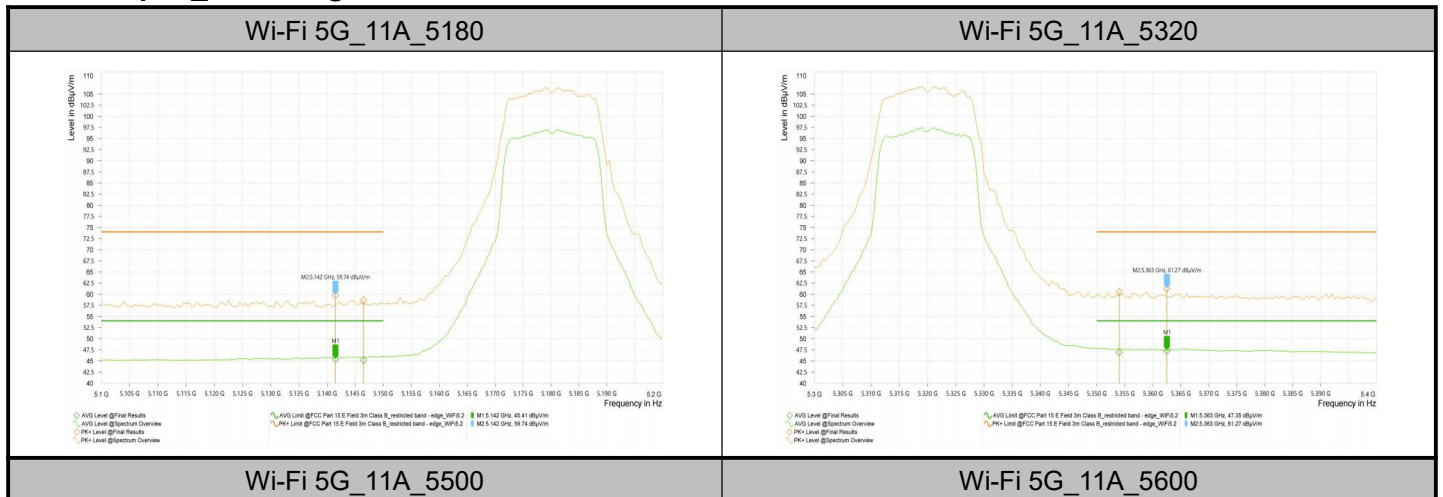
Test Mode & Test Freq.[MHz]	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Polarization	Azimuth [deg]
Wi-Fi 5G_11A_5180	5,141.500	59.74	74.00	14.26	45.41	54.00	8.59	V	184
	5,146.500	58.61	74.00	15.39	45.16	54.00	8.84	V	51.4
Wi-Fi 5G_11A_5320	5,354.000	60.51	74.00	13.49	46.97	54.00	7.03	V	0.2
	5,362.500	61.27	74.00	12.73	47.35	54.00	6.65	V	151.7
Wi-Fi 5G_11A_5500	5,455.750	55.20	74.00	18.80	41.97	54.00	12.03	V	64.7
	5,466.100	58.28	68.20	9.92	43.78	54.00	10.22	V	130.2
Wi-Fi 5G_11A_5600	5,454.995	54.59	74.00	19.41	40.91	54.00	13.09	H	3.7
	5,467.445	54.64	68.20	13.56	40.97	54.00	13.03	V	340.5
	5,737.610	54.89	68.20	13.31	41.63	54.00	12.37	V	359.3
Wi-Fi 5G_11A_5620	5,442.960	54.36	74.00	19.64	41.15	54.00	12.85	H	54.7
	5,465.370	54.25	68.20	13.95	41.11	54.00	12.89	V	239.9
	5,734.705	55.25	68.20	12.95	41.78	54.00	12.22	V	278.2
Wi-Fi 5G_11A_5640	5,447.525	54.53	74.00	19.47	41.06	54.00	12.94	H	145.2
	5,464.125	54.27	68.20	13.93	40.93	54.00	13.07	H	360
	5,735.535	55.83	68.20	12.37	42.03	54.00	11.97	V	70.2
Wi-Fi 5G_11A_5700	5,732.500	60.95	68.20	7.25	45.03	54.00	8.97	V	165.8
	5,744.167	59.08	68.20	9.12	44.06	54.00	9.94	V	125.3
Wi-Fi 5G_11A_5720	5,453.071	54.56	74.00	19.44	41.02	54.00	12.98	V	113.2
	5,464.214	54.12	68.20	14.08	40.81	--	--	H	95
	5,856.536	55.04	68.20	13.16	41.64	--	--	H	360
Wi-Fi 5G_11A_5745	5,642.875	54.51	68.20	13.69	41.23	--	--	H	360
	5,663.594	55.30	78.29	22.99	41.94	--	--	V	149.1
	5,712.750	60.57	108.77	48.21	46.04	--	--	V	149.1
	5,723.719	78.66	119.28	40.62	54.02	--	--	V	149.1
	5,851.688	55.84	118.35	62.51	42.09	--	--	V	238.7
	5,870.781	55.55	106.38	50.82	42.16	--	--	V	6.8
	5,912.219	55.47	77.63	22.15	42.17	--	--	V	121.4
	5,934.563	55.59	68.20	12.61	42.17	--	--	V	263.9
Wi-Fi 5G_11A_5825	5,632.313	54.42	68.20	13.78	41.04	--	--	H	313.8
	5,670.500	54.46	83.41	28.95	41.03	--	--	V	314
	5,707.875	54.91	107.41	52.50	41.21	--	--	H	0

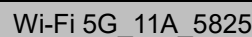
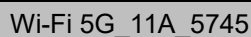
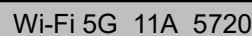
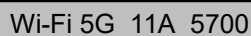
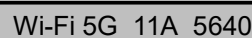
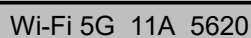
	5,722.500	54.69	116.50	61.81	41.46	--	--	V	275.8
	5,850.063	70.60	122.06	51.46	48.55	--	--	V	162.2
	5,871.594	58.95	106.15	47.21	44.25	--	--	V	162.2
	5,905.719	56.16	82.43	26.28	42.80	--	--	V	11.6
	5,947.563	55.35	68.20	12.85	42.21	--	--	V	173
Wi-Fi 5G_11AC20_5180	5,141.500	59.56	74.00	14.44	45.81	54.00	8.19	V	183.8
	5,146.500	59.91	74.00	14.09	45.93	54.00	8.07	V	183.8
Wi-Fi 5G_11AC20_5320	5,354.000	62.31	74.00	11.69	47.75	54.00	6.25	V	131.2
	5,362.500	60.28	74.00	13.72	46.74	54.00	7.26	H	304.5
Wi-Fi 5G_11AC20_5500	5,455.750	55.58	74.00	18.42	41.78	54.00	12.22	H	285.1
	5,468.800	59.45	68.20	8.75	45.50	54.00	8.50	V	139.5
Wi-Fi 5G_11AC20_5600	5,454.995	54.76	74.00	19.24	40.84	54.00	13.16	V	80.9
	5,467.445	53.97	68.20	14.23	40.65	54.00	13.35	H	217.1
	5,737.610	55.16	68.20	13.04	41.37	54.00	12.63	H	129.9
Wi-Fi 5G_11AC20_5620	5,442.960	54.35	74.00	19.65	41.20	54.00	12.80	V	65.4
	5,465.370	54.36	68.20	13.84	41.04	54.00	12.96	V	104.9
	5,734.705	55.60	68.20	12.60	41.62	54.00	12.38	H	303.3
Wi-Fi 5G_11AC20_5640	5,447.525	54.46	74.00	19.54	41.09	54.00	12.91	H	0
	5,464.125	54.68	68.20	13.52	40.94	54.00	13.06	V	328.5
	5,735.535	55.03	68.20	13.17	41.67	54.00	12.33	H	316.5
Wi-Fi 5G_11AC20_5700	5,738.333	58.86	68.20	9.34	43.42	54.00	10.58	V	0.8
	5,750.417	58.81	68.20	9.39	43.22	54.00	10.78	V	53.4
Wi-Fi 5G_11AC20_5720	5,454.929	54.52	74.00	19.48	40.79	54.00	13.21	H	195.4
	5,466.536	53.77	68.20	14.43	40.75	--	--	H	124
	5,853.286	55.26	68.20	12.94	41.92	--	--	V	213.6
Wi-Fi 5G_11AC20_5745	5,642.875	54.42	68.20	13.78	41.46	--	--	V	316.4
	5,663.594	54.41	78.29	23.88	41.32	--	--	H	351.1
	5,712.750	68.95	108.77	39.82	45.41	--	--	V	1.4
	5,723.719	75.38	119.28	43.90	54.25	--	--	V	114.5
	5,851.688	56.19	118.35	62.16	42.28	--	--	V	114.5
	5,870.781	55.76	106.38	50.62	42.07	--	--	V	107.8
	5,912.219	55.63	77.63	22.00	42.37	--	--	V	229.1
	5,934.563	55.11	68.20	13.09	42.07	--	--	H	27.1
Wi-Fi 5G_11AC20_5825	5,647.344	54.79	68.20	13.41	41.35	--	--	V	248
	5,670.906	54.90	83.71	28.81	41.19	--	--	H	52.3
	5,707.469	55.38	107.29	51.91	41.63	--	--	V	139.5
	5,723.719	54.99	119.28	64.29	41.50	--	--	H	359.3
	5,850.875	62.65	120.20	57.56	48.70	--	--	V	114.5
	5,865.094	58.46	107.97	49.51	43.68	--	--	V	53.5

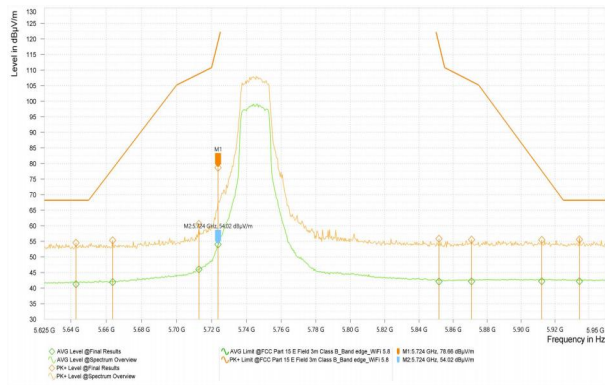
	5,905.313	56.37	82.73	26.36	42.89	--	--	V	239.9
	5,932.938	55.58	68.20	12.62	42.08	--	--	H	145.2
Wi-Fi 5G_11AC40_5190	5,146.500	63.50	74.00	10.50	49.88	54.00	4.12	V	163.4
	5,390.000	60.43	74.00	13.57	46.82	54.00	7.18	H	254.2
Wi-Fi 5G_11AC40_5310	5,147.500	58.65	74.00	15.35	44.92	54.00	9.08	H	356.6
	5,353.500	69.10	74.00	4.90	50.90	54.00	3.10	V	151.4
	5,378.500	61.52	74.00	12.48	47.90	54.00	6.10	V	164.6
Wi-Fi 5G_11AC40_5510	5,384.860	54.74	74.00	19.26	41.13	54.00	12.87	H	92.6
	5,462.050	65.12	68.20	3.08	50.86	54.00	3.14	V	187.4
	5,760.020	55.50	68.20	12.70	41.86	54.00	12.14	H	0
Wi-Fi 5G_11AC40_5590	5,452.505	54.21	74.00	19.79	40.79	54.00	13.21	H	188.6
	5,465.370	55.47	68.20	12.73	40.70	54.00	13.30	H	63
	5,730.140	54.80	68.20	13.40	41.47	54.00	12.53	V	51
Wi-Fi 5G_11AC40_5630	5,454.580	54.06	74.00	19.94	40.85	54.00	13.15	V	134.4
	5,466.615	54.12	68.20	14.08	40.79	54.00	13.21	V	360
	5,729.725	55.78	68.20	12.42	41.97	54.00	12.03	V	189.8
Wi-Fi 5G_11AC40_5670	5,455.825	54.11	74.00	19.89	40.77	54.00	13.23	H	0.1
	5,466.615	53.96	68.20	14.24	40.78	54.00	13.22	V	358.8
	5,729.310	58.09	68.20	10.11	44.42	54.00	9.58	V	114.4
Wi-Fi 5G_11AC40_5710	5,452.607	54.06	74.00	19.94	40.81	54.00	13.19	H	135.6
	5,466.536	53.68	68.20	14.52	40.76	--	--	H	262.4
	5,854.214	55.35	68.20	12.85	41.93	--	--	V	200.5
Wi-Fi 5G_11AC40_5755	5,643.688	54.79	68.20	13.41	41.04	--	--	H	176.6
	5,694.469	60.55	101.12	40.57	46.30	--	--	V	134.7
	5,715.594	70.74	109.57	38.82	57.87	--	--	V	159.8
	5,722.094	73.30	115.58	42.27	60.51	--	--	V	159.8
	5,852.094	54.66	117.43	62.77	41.66	--	--	H	0.6
	5,863.875	55.21	108.31	53.10	41.84	--	--	H	334.2
	5,884.594	55.89	98.08	42.19	42.22	--	--	V	0
	5,930.094	54.84	68.20	13.36	41.84	--	--	H	360
Wi-Fi 5G_11AC40_5795	5,646.938	54.32	68.20	13.88	41.07	--	--	H	290.1
	5,694.875	54.99	101.42	46.44	41.17	--	--	H	1.3
	5,715.594	54.31	109.57	55.25	41.17	--	--	H	340.4
	5,724.125	54.47	120.21	65.74	41.24	--	--	H	119
	5,851.688	55.92	118.35	62.43	42.03	--	--	H	356.2
	5,858.594	57.68	109.79	52.11	44.23	--	--	V	0
	5,878.094	55.50	102.90	47.40	41.97	--	--	H	0.1
	5,926.438	55.30	68.20	12.90	41.86	--	--	H	359.3
Wi-Fi 5G_11AC80_5210	5,143.000	64.74	74.00	9.26	50.69	54.00	3.31	V	186.2

	5,359.000	59.90	74.00	14.10	46.70	54.00	7.30	H	13.8
	5,453.750	54.66	74.00	19.34	41.01	54.00	12.99	V	75
Wi-Fi 5G_11AC80_5610	5,464.955	54.74	68.20	13.46	40.91	54.00	13.09	V	171.5
	5,733.045	54.69	68.20	13.51	41.39	54.00	12.61	H	315.2
	5,454.464	53.73	74.00	20.27	40.82	54.00	13.18	H	1.7
Wi-Fi 5G_11AC80_5690	5,465.607	54.01	68.20	14.19	40.74	--	--	H	11.6
	5,857.000	55.02	68.20	13.18	41.85	--	--	V	133.6
	5,645.719	54.74	68.20	13.46	41.58	--	--	V	139.5
	5,652.219	55.43	69.85	14.42	41.37	--	--	V	0.6
	5,697.313	69.22	103.22	34.00	53.39	--	--	V	139.5
	5,715.188	69.84	109.45	39.62	56.11	--	--	V	151.4
Wi-Fi 5G_11AC80_5775	5,724.125	72.78	120.21	47.42	57.09	--	--	V	165.8
	5,851.281	67.86	119.28	51.41	53.39	--	--	V	151.4
	5,863.063	66.30	108.54	42.24	51.83	--	--	V	151.4
	5,878.906	62.63	102.30	39.66	46.21	--	--	V	227.9
	5,930.094	55.95	68.20	12.25	42.37	--	--	V	265.1
Wi-Fi 5G_11AC80_5290	5,140.000	58.34	74.00	15.66	44.99	54.00	9.01	V	128.8
	5,359.500	64.10	74.00	9.90	49.00	54.00	5.00	V	140.6
	5,453.335	65.98	74.00	8.02	51.73	54.00	2.27	V	199.3
Wi-Fi 5G_11AC80_5530	5,465.370	64.58	68.20	3.62	50.96	54.00	3.04	V	66.6
	5,747.155	55.43	68.20	12.77	41.80	54.00	12.20	V	0.7

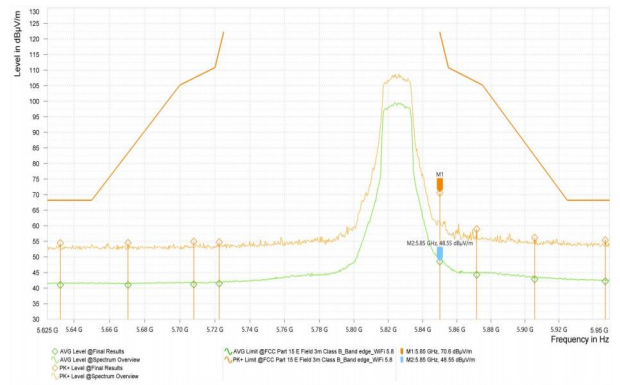
Test Graphs_Band Edges



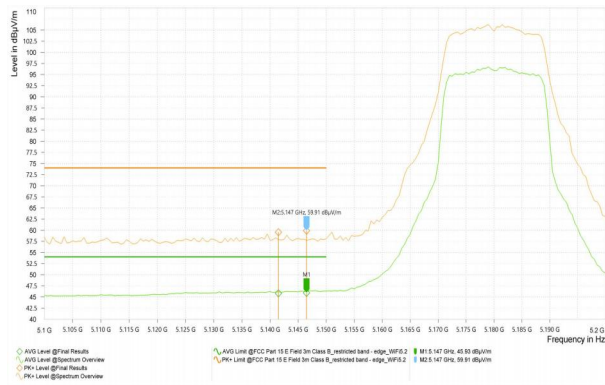




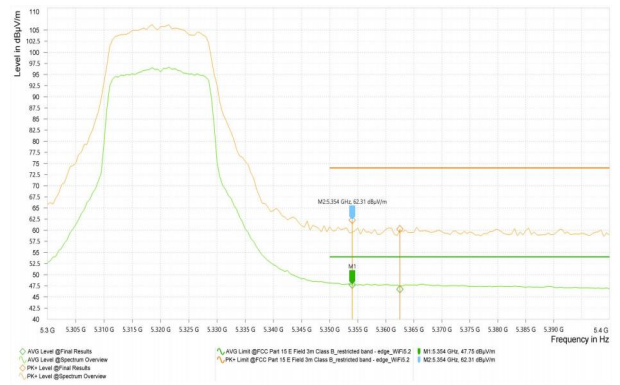
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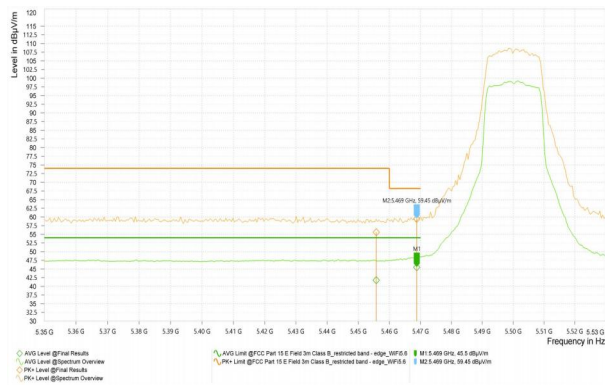
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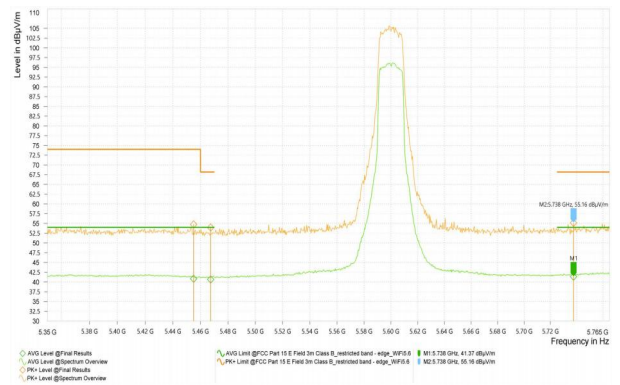
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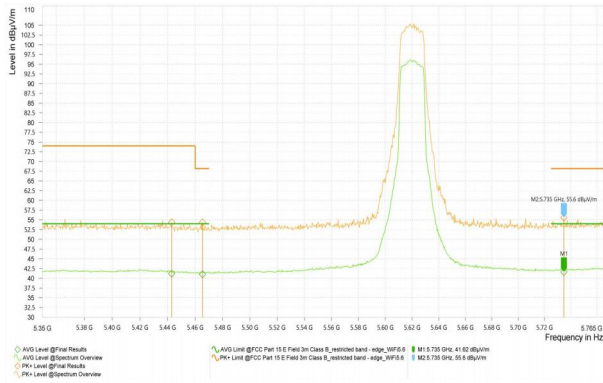
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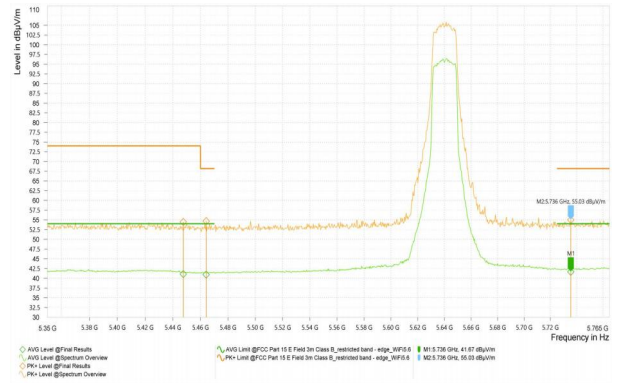
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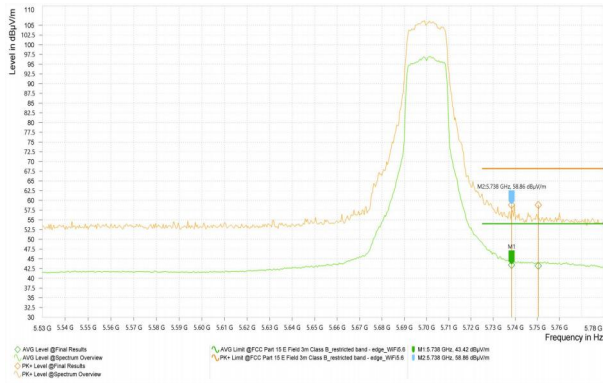
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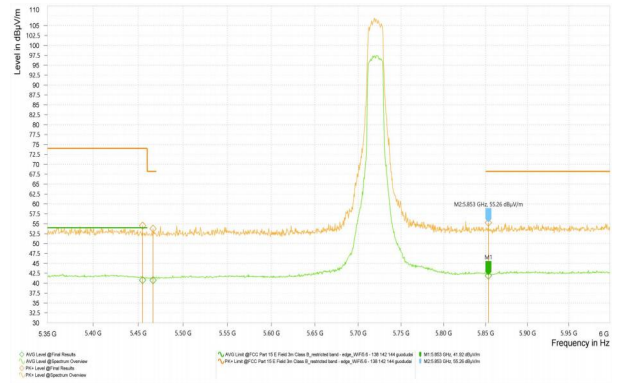
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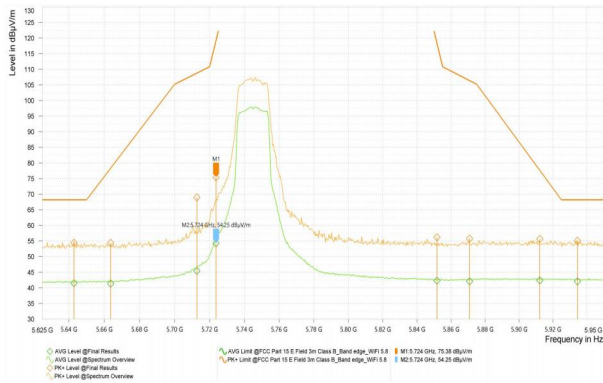
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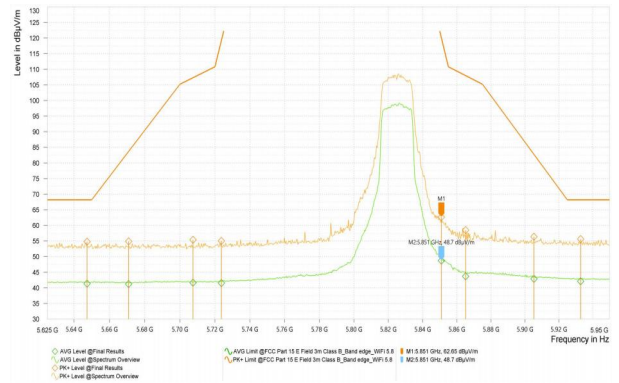
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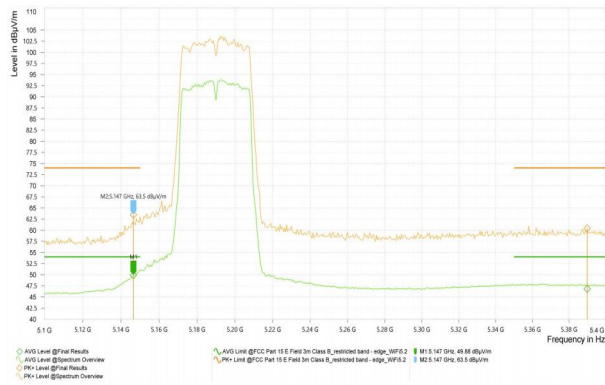
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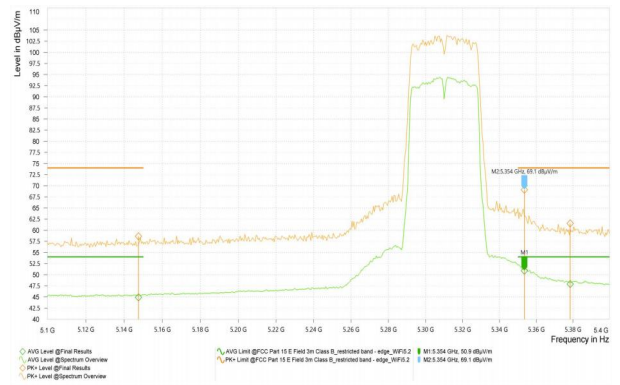
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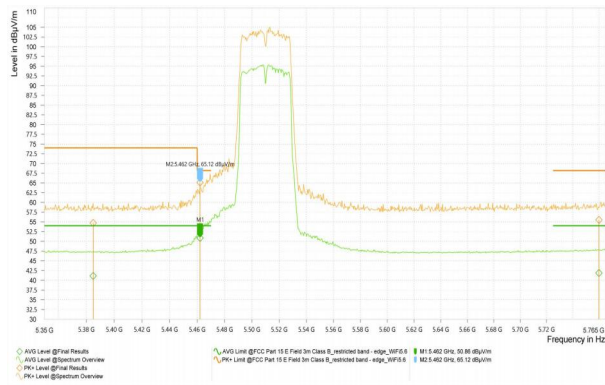
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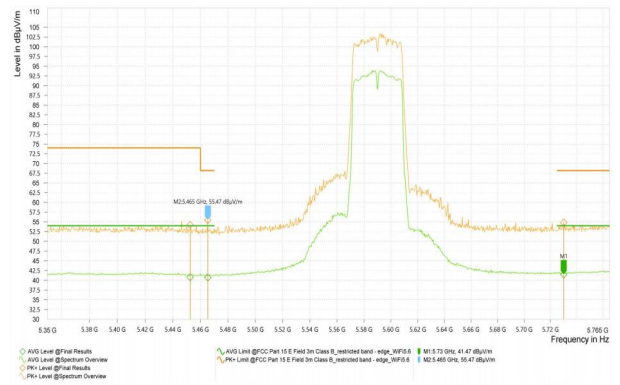
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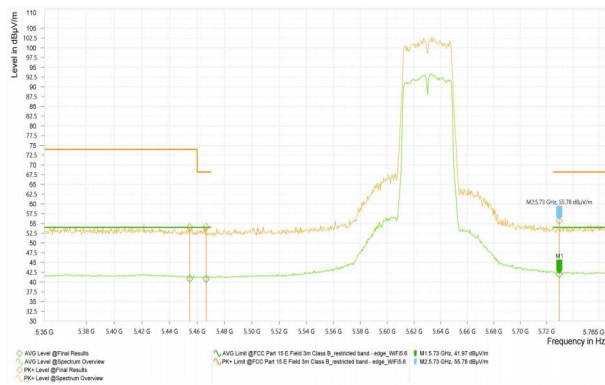
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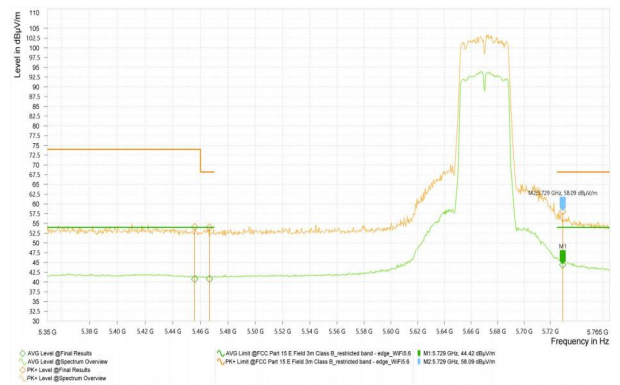
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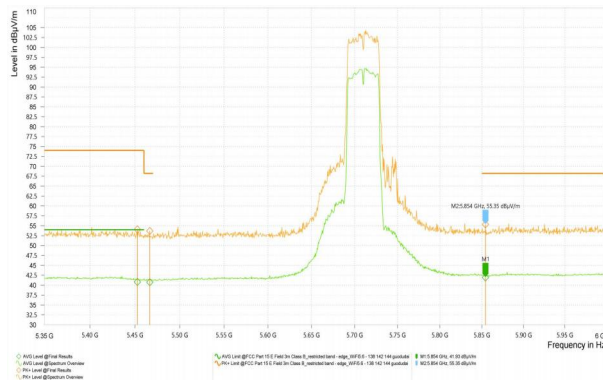
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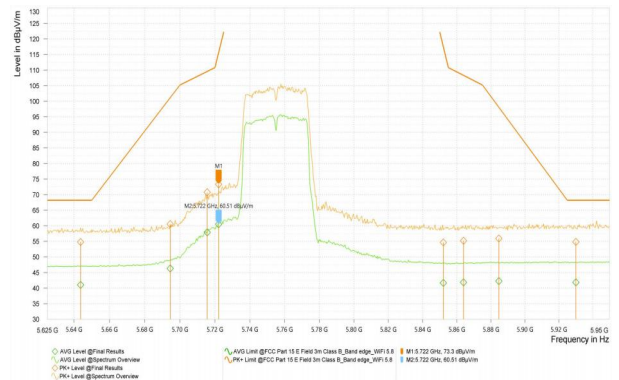
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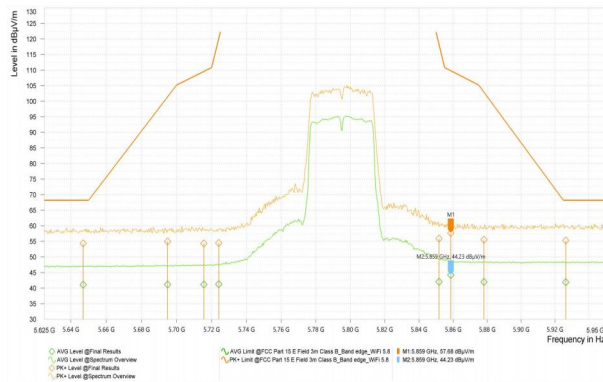
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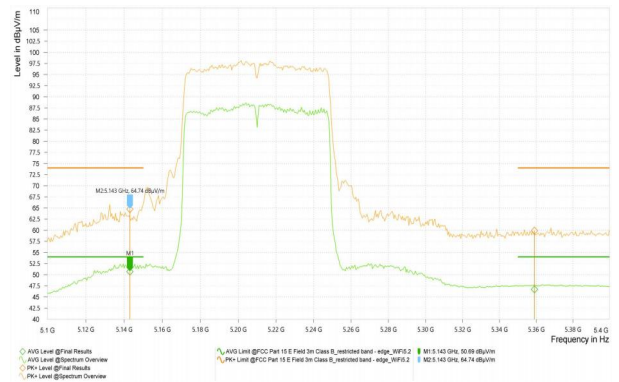
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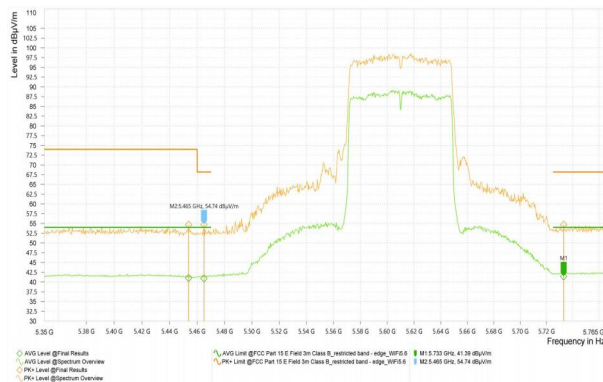
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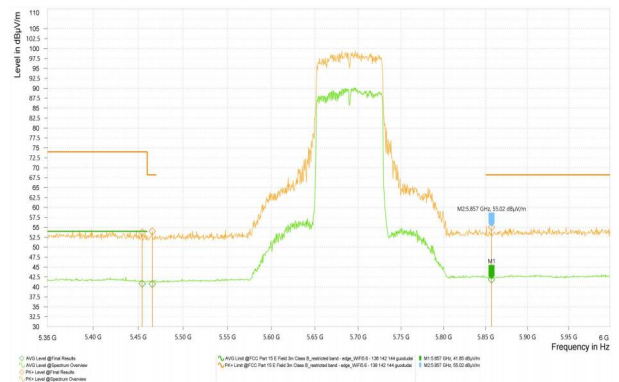
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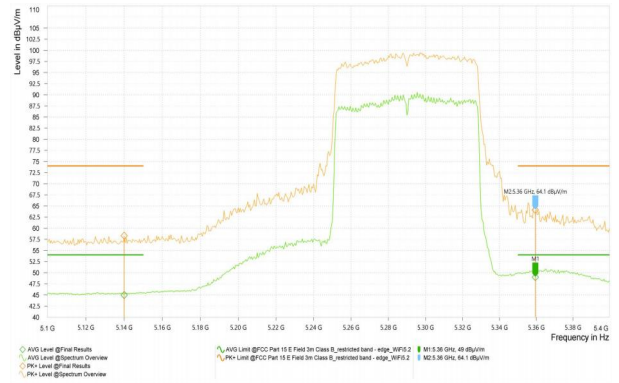
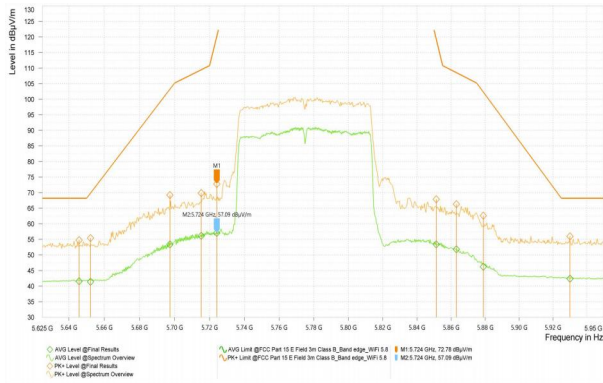
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Wi-Fi 5G_11AC80_5775

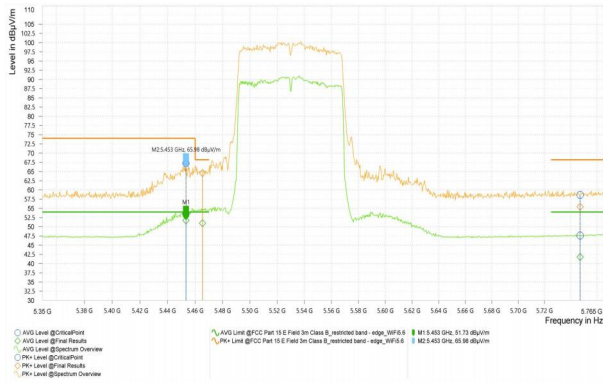


Wi-Fi 5G_11AC80_5290



Wi-Fi 5G_11AC80_5530

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Test Result_Spurious Emission

Note1: Test result Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier the Emissions in the frequency band 9kHz-30MHz and 18GHz-26.5GHz are more than 20dB below the limit are not reported.

Note2: 'Low' indicates a frequency range below 1GHz, and 'High' indicates a frequency range above 1GHz.

Test Mode & Test Freq.[MHz]	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Polarization	Azimuth [deg]
Wi-Fi 5G-11A_5180_High	6,906.500	56.68	68.20	11.52	49.31	--	--	V	19.4
	10,360.000	45.57	68.20	22.63	38.60	--	--	H	232.7
	15,540.500	49.21	74.00	24.79	41.45	54.00	12.55	H	6.7
Wi-Fi 5G-11A_5220_High	6,933.000	56.23	68.20	11.97	49.55	--	--	V	21.4
	10,440.000	46.57	68.20	21.63	38.79	--	--	V	232.7
	15,660.000	48.38	74.00	25.62	41.16	54.00	12.84	V	232.7
Wi-Fi 5G-11A_5240_High	6,986.500	56.74	68.20	11.46	50.47	--	--	V	21.4
	10,480.000	48.05	68.20	20.15	40.89	--	--	V	0
	15,720.000	48.42	74.00	25.58	41.72	54.00	12.28	H	360
Wi-Fi 5G-11A_5260_High	7,013.500	55.51	68.20	12.69	49.12	--	--	H	360
	10,520.000	46.75	68.20	21.45	39.94	--	--	V	73.8
	15,780.000	48.84	74.00	25.16	42.21	54.00	11.79	H	360
Wi-Fi 5G-11A_5300_High	10,600.000	48.08	68.20	20.12	40.88	--	--	V	75
	15,900.000	49.09	74.00	24.91	43.19	54.00	10.81	H	0
Wi-Fi 5G-11A_5320_High	10,640.000	48.60	74.00	25.40	42.41	54.00	11.59	V	71.4
	15,959.500	50.22	74.00	23.78	42.97	54.00	11.03	H	285
Wi-Fi 5G-11A_5500_High	11,000.000	47.01	74.00	26.99	41.04	54.00	12.96	V	230.3
	16,500.000	51.14	68.20	17.06	44.17	--	--	H	127.3
Wi-Fi 5G-11A_5580_High	11,160.000	47.09	74.00	26.91	39.69	54.00	14.31	V	79.8
	16,740.000	51.00	68.20	17.20	45.42	--	--	H	0
Wi-Fi 5G-11A_5700_High	11,160.000	47.11	74.00	26.89	40.18	54.00	13.82	H	201.3
	16,740.500	52.13	68.20	16.07	44.67	--	--	H	201.3
Wi-Fi 5G-11A_5720_High	11,439.500	47.32	74.00	26.68	39.88	54.00	14.12	V	158.6
	17,160.000	50.94	68.20	17.26	44.21	--	--	V	0
Wi-Fi 5G-11AC20_5180_High	10,359.500	47.69	68.20	20.51	40.46	--	--	V	159.8
	15,540.500	48.63	74.00	25.37	42.90	54.00	11.10	V	0
Wi-Fi 5G-11AC20_5220_High	10,439.500	48.06	68.20	20.14	40.94	--	--	V	156.2
	15,660.500	48.49	74.00	25.51	41.47	54.00	12.53	H	353.7
Wi-Fi 5G-11AC20_5240_High	10,481.000	47.09	68.20	21.11	39.94	--	--	H	157.4
	15,720.500	48.96	74.00	25.04	41.74	54.00	12.26	H	0
Wi-Fi	10,519.500	49.36	68.20	18.84	41.61	--	--	V	157.4