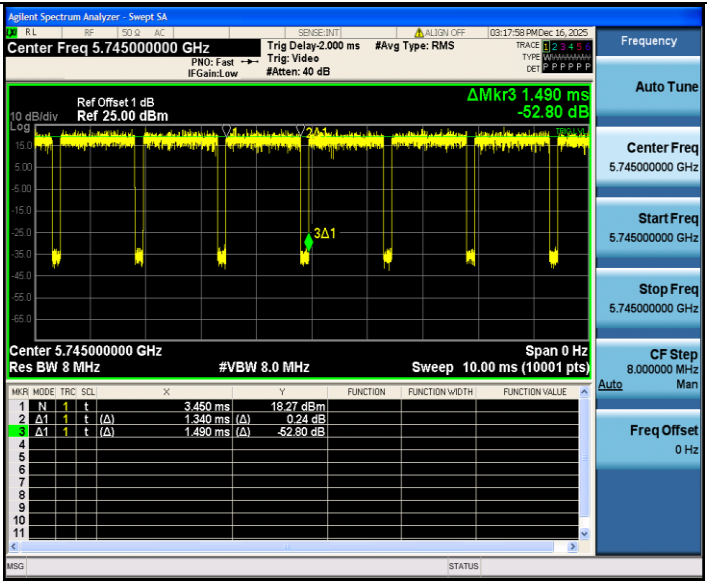
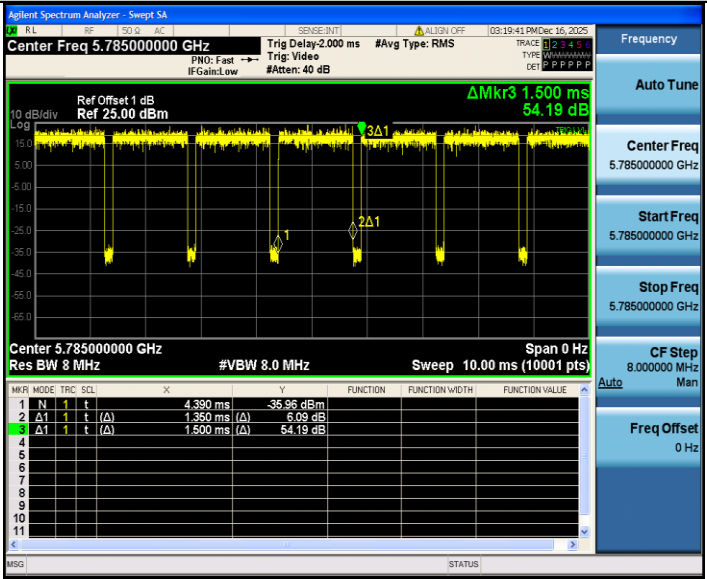
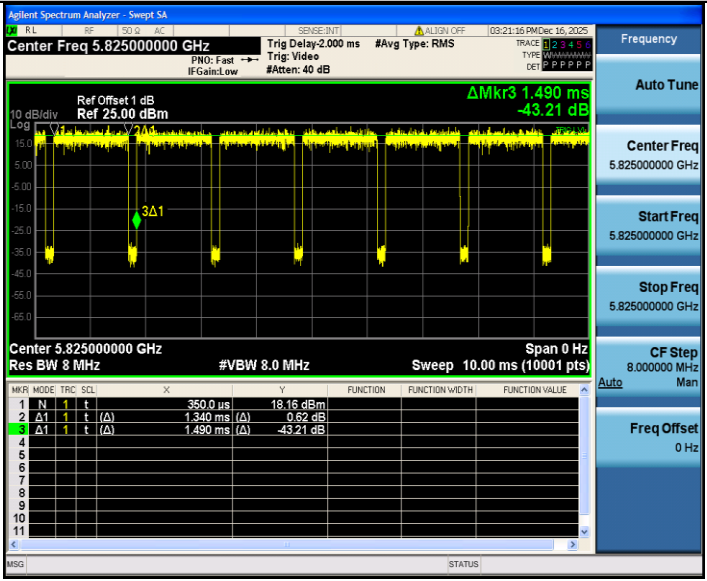




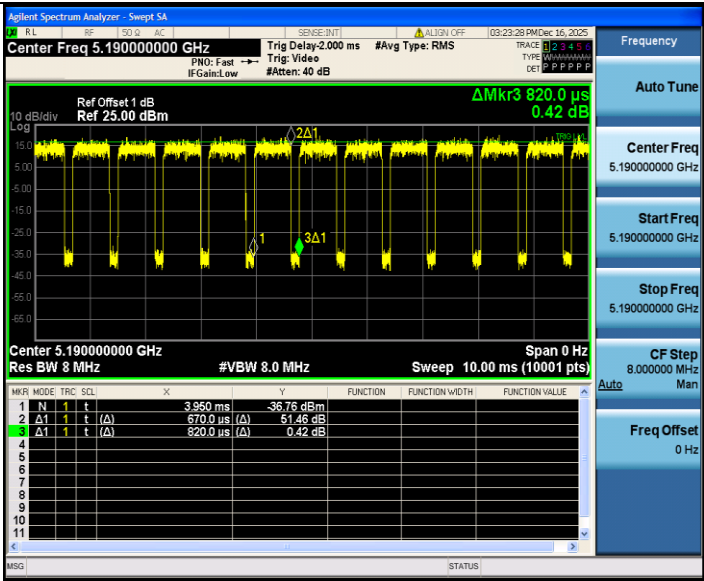
11AC20_5785



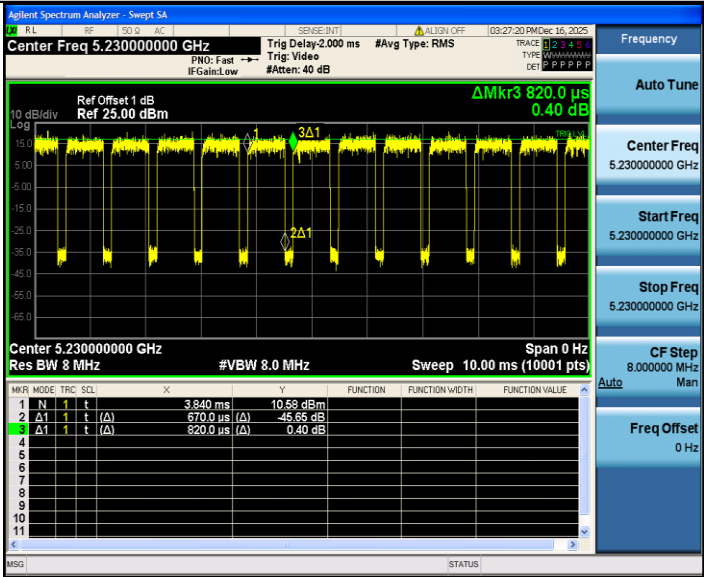
11AC20_5825



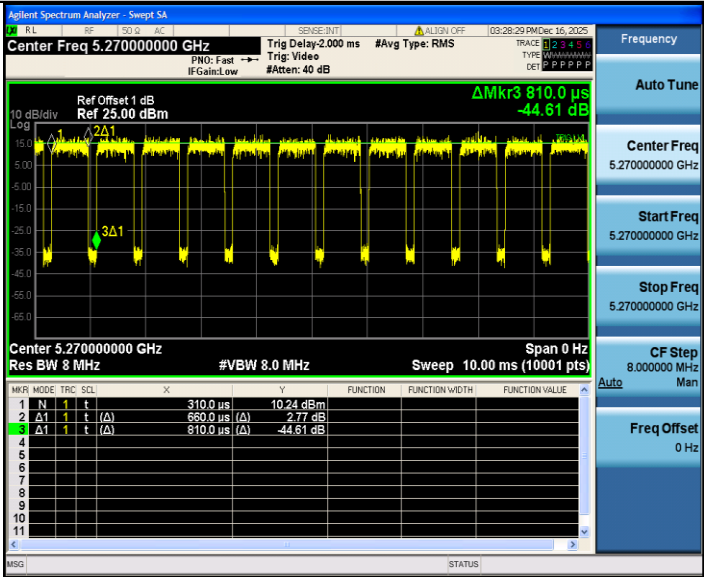
11AC40_5190



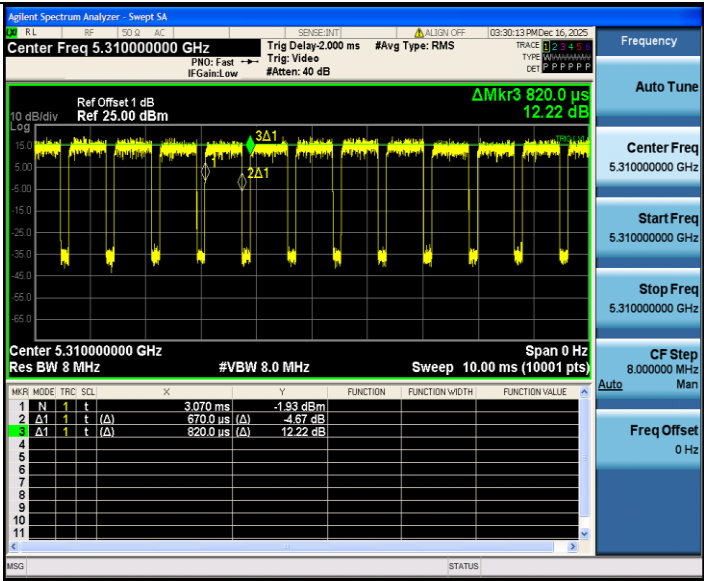
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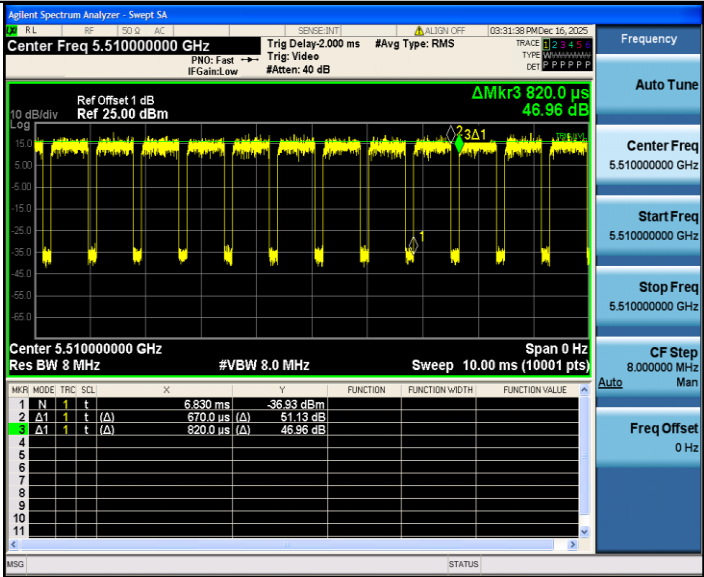
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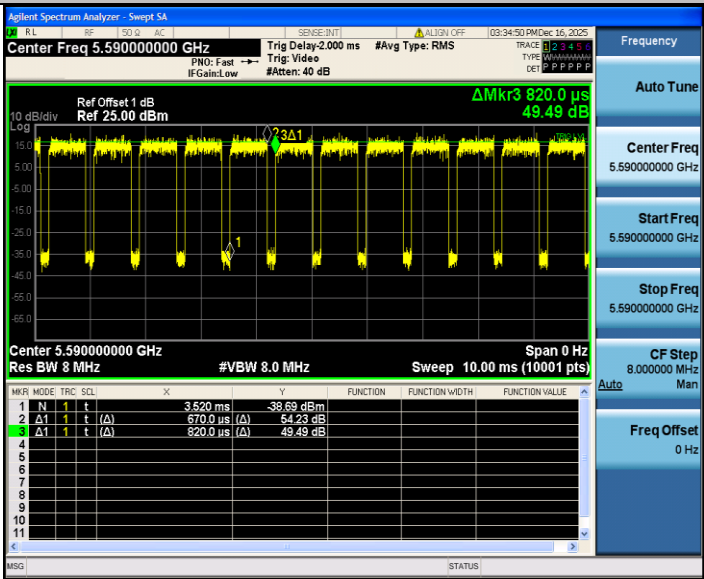
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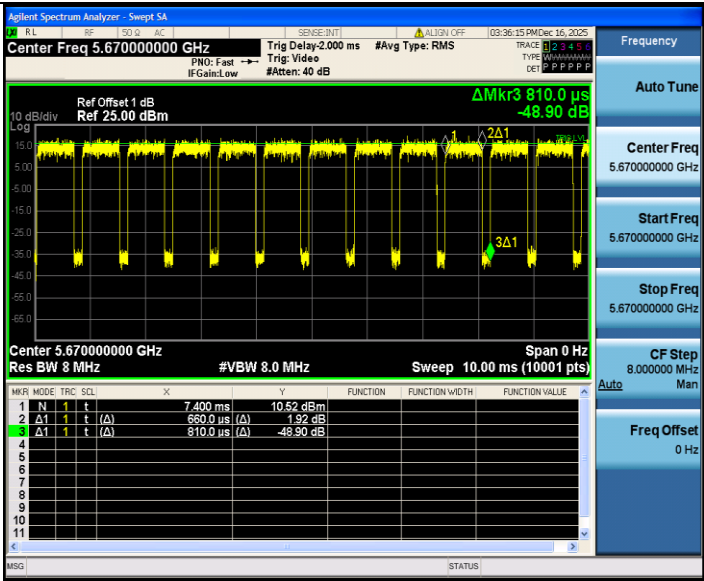
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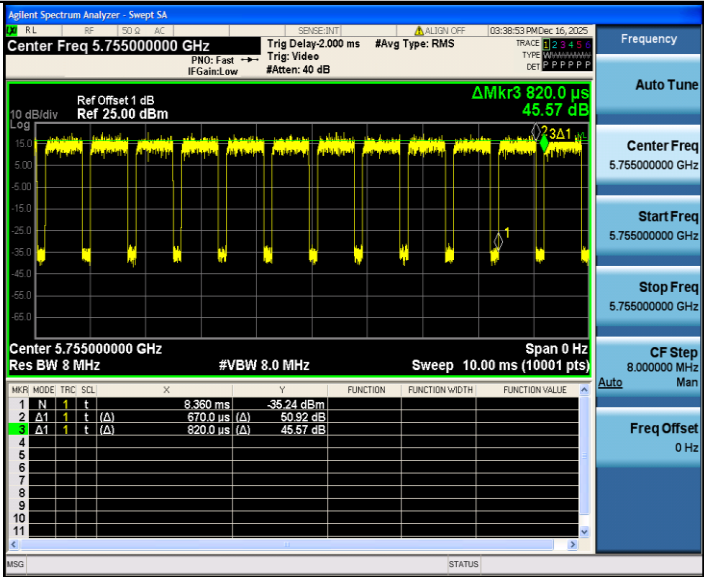
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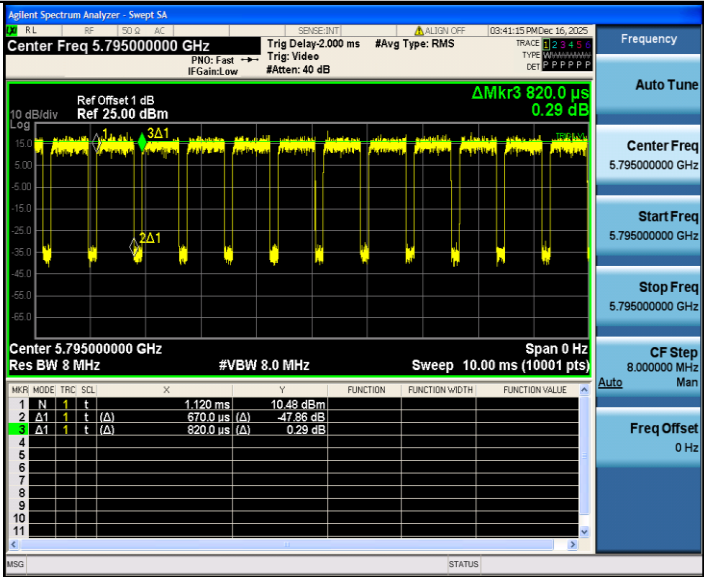
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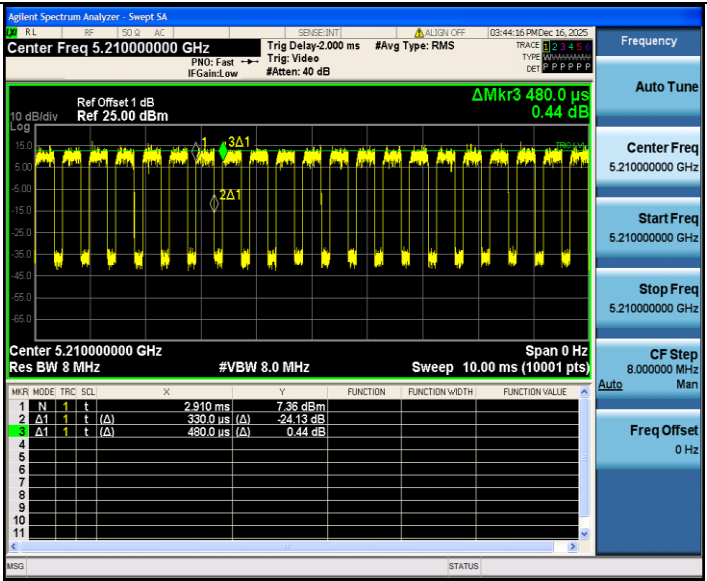
11AC40_5755



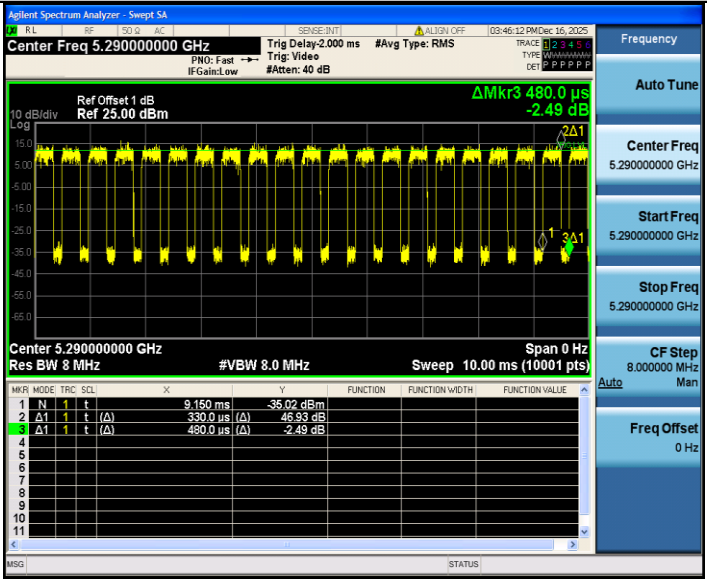
11AC40_5795



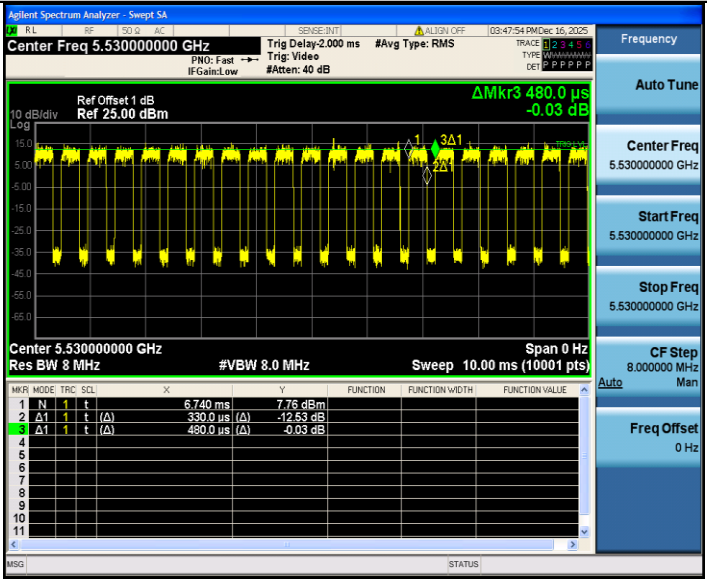
11AC80_5210



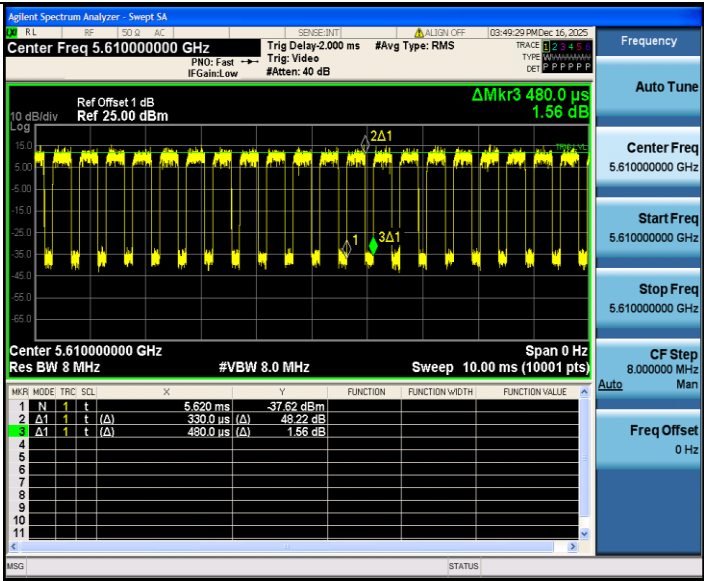
11AC80_5290



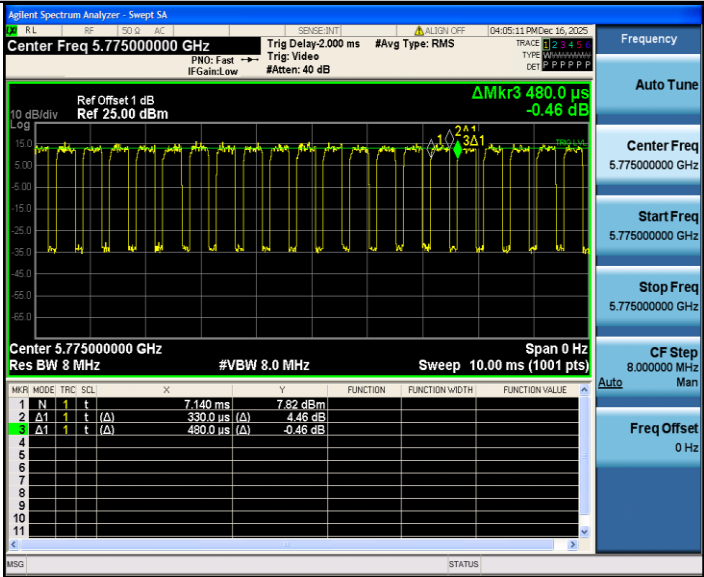
11AC80_5530



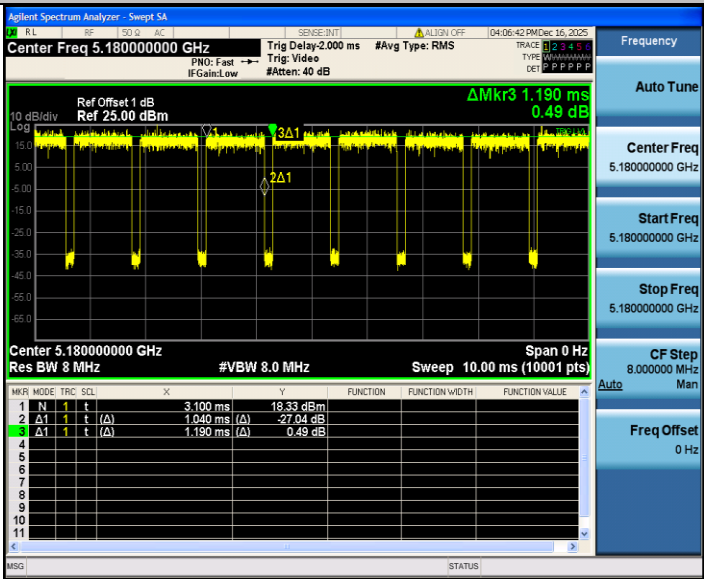
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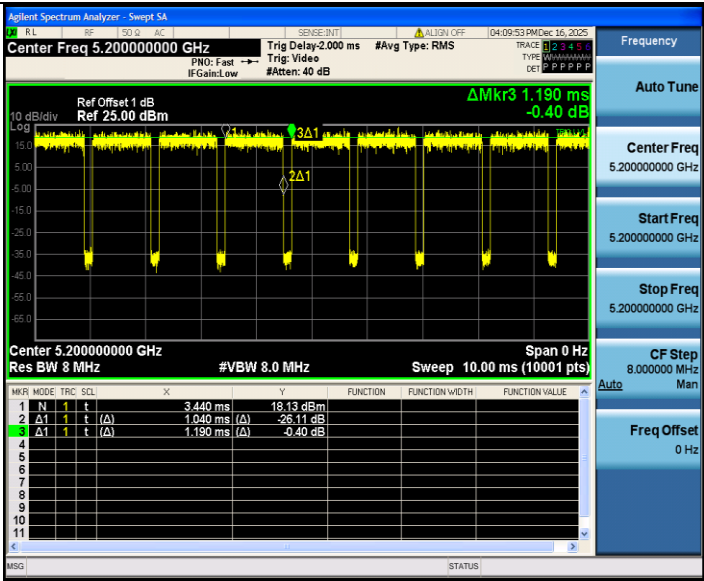
11AC80_5775



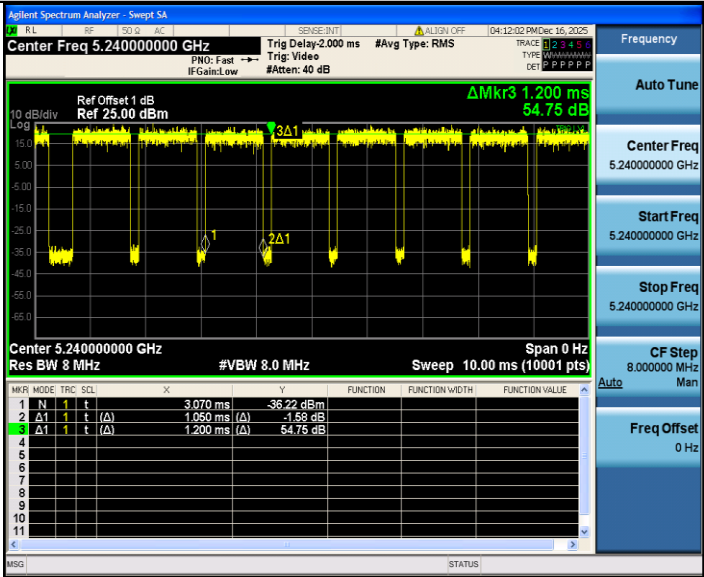
11AX20_5180



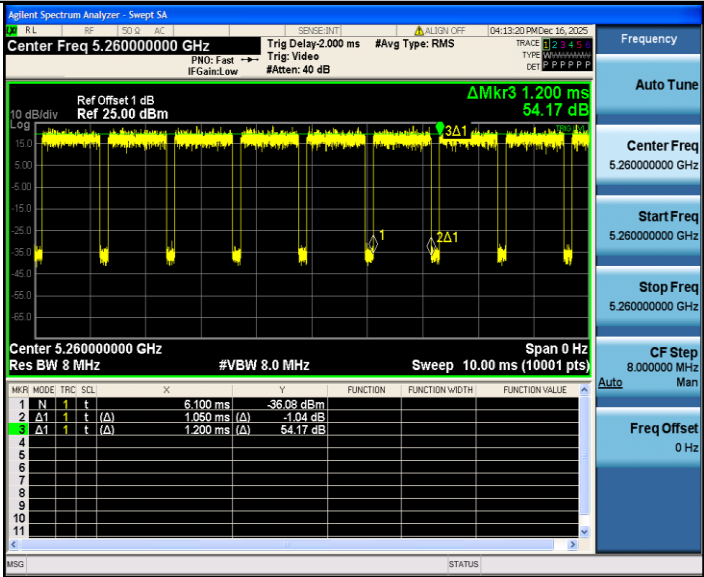
11AX20_5200



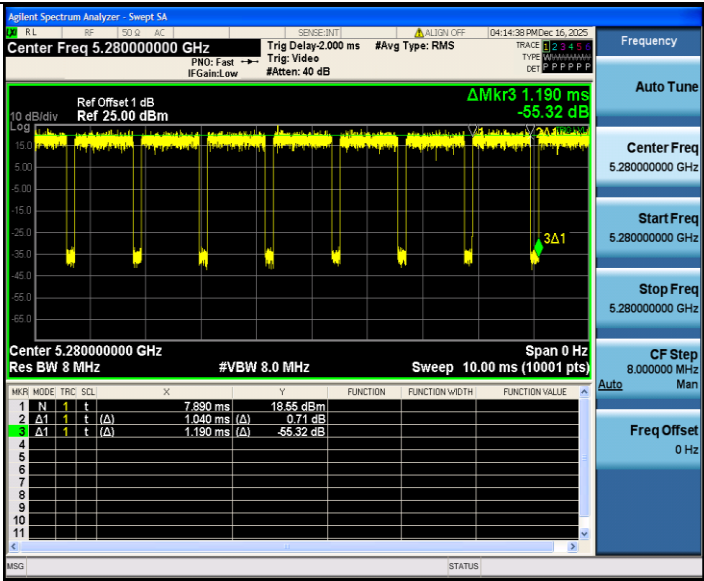
11AX20_5240



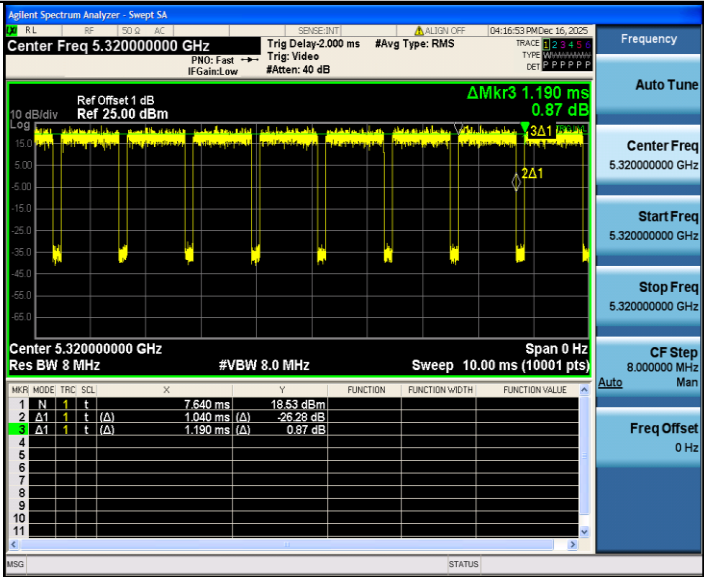
11AX20_5260



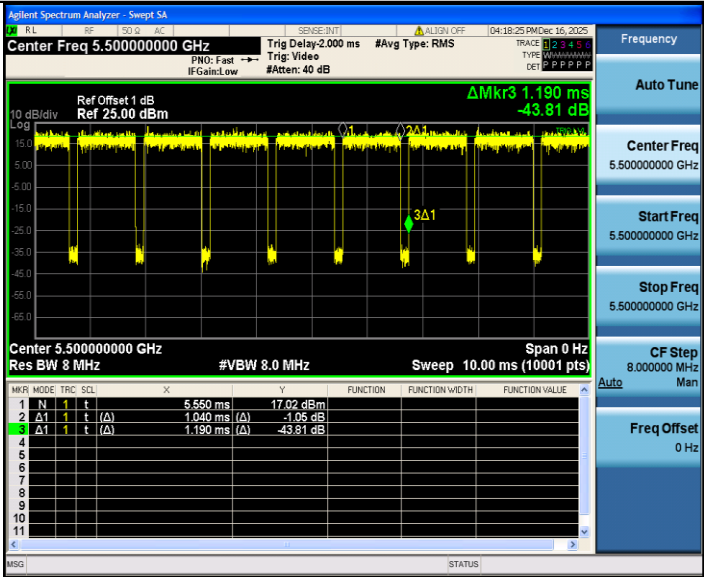
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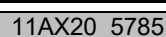
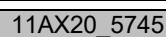
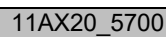
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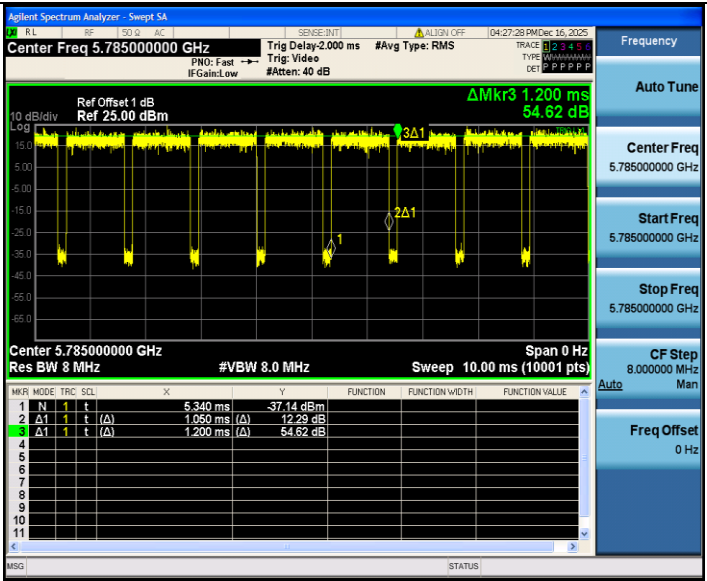


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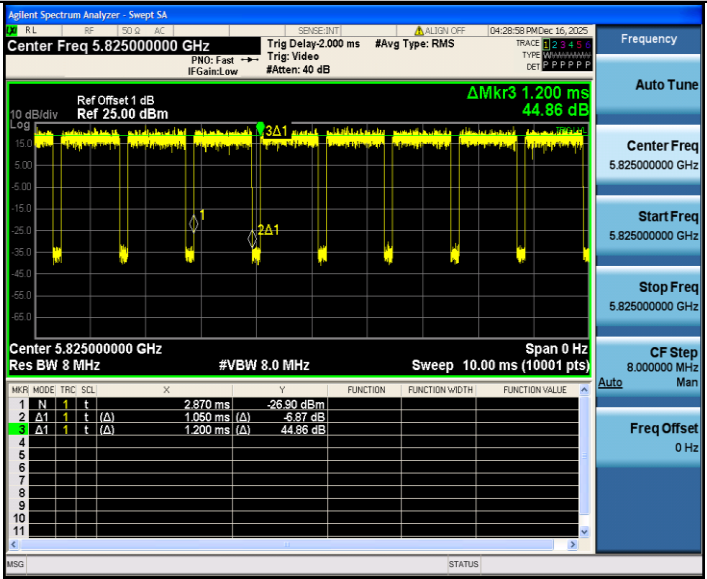


11AX20_5580

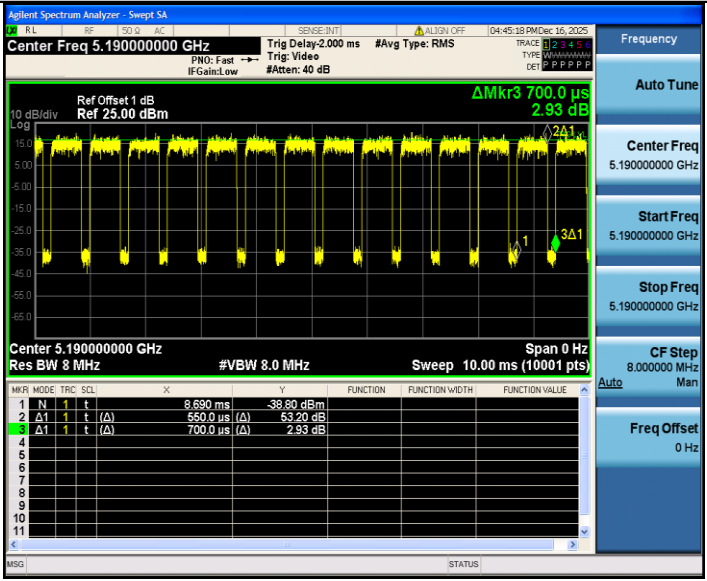




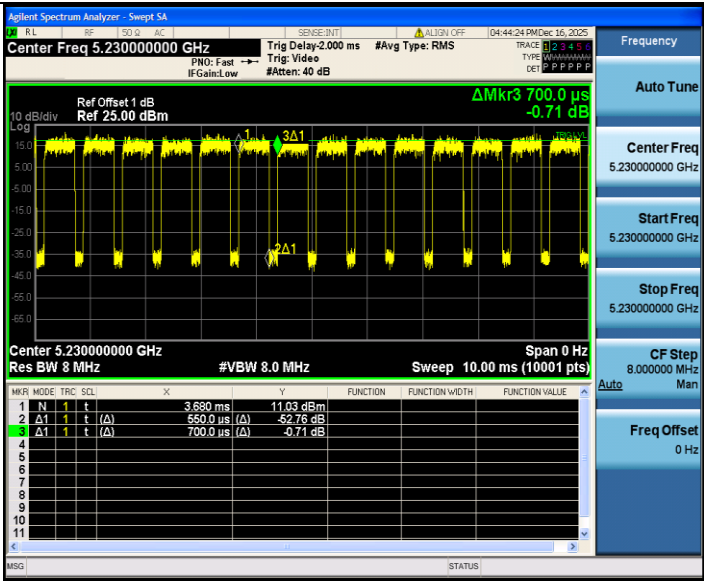
11AX20_5825



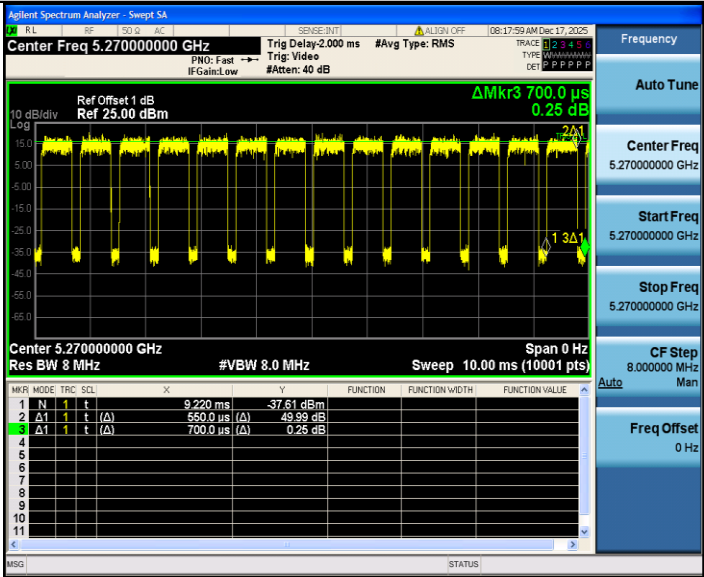
11AX40_5190



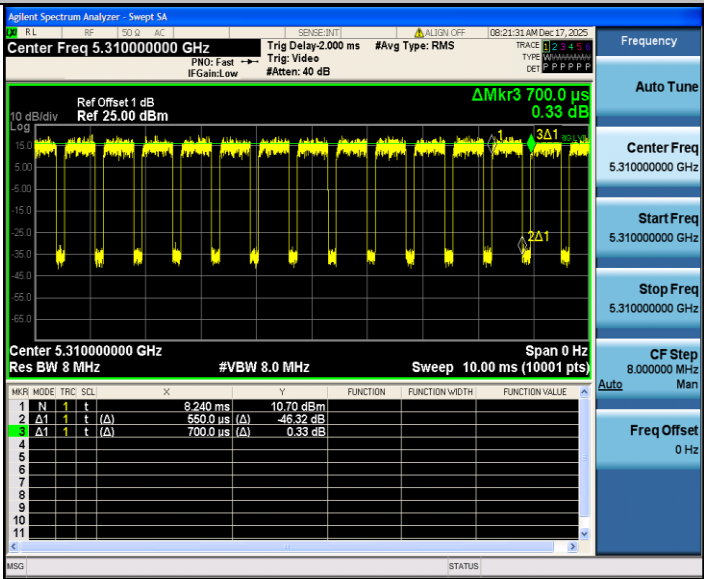
11AX40_5230



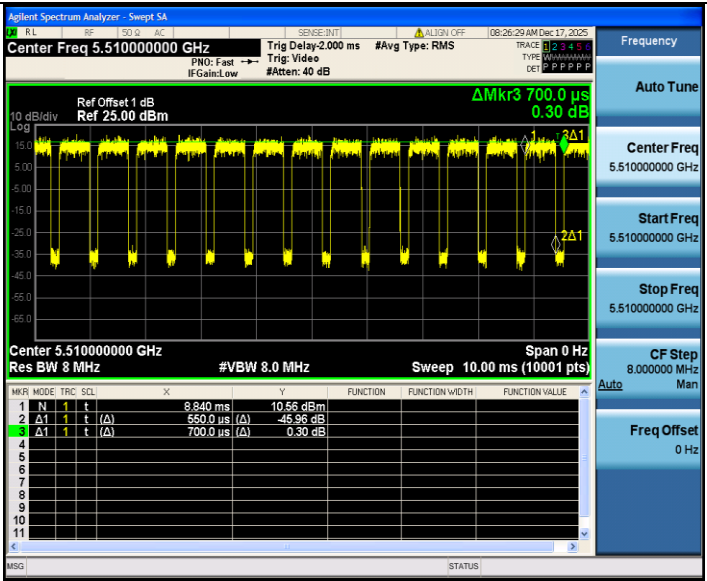
11AX40_5270



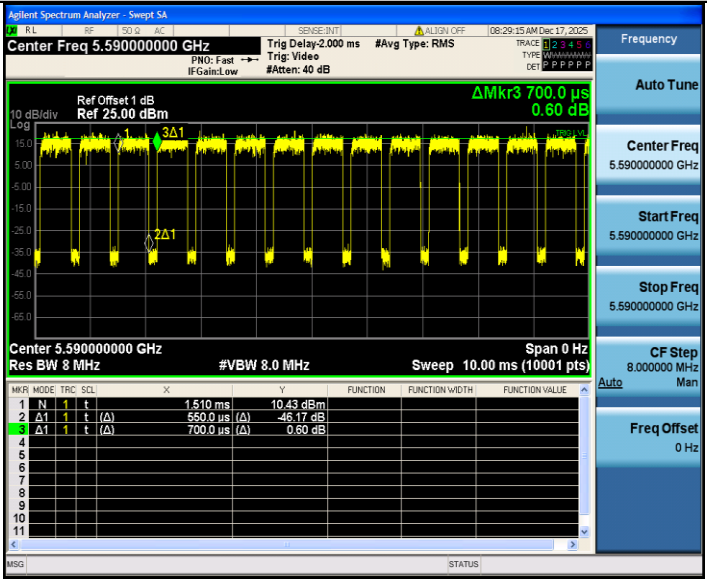
11AX40_5310



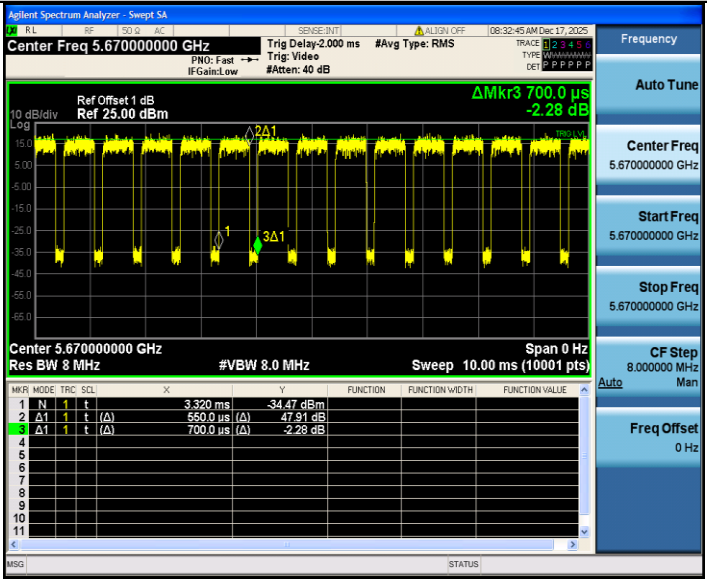
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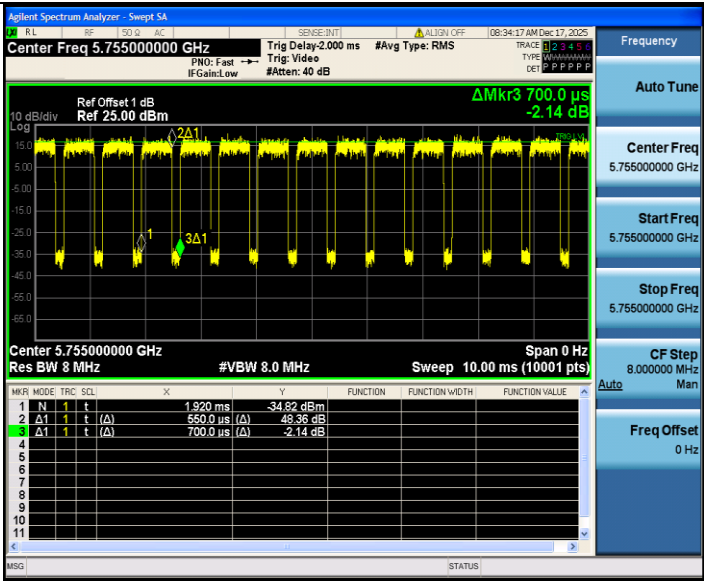
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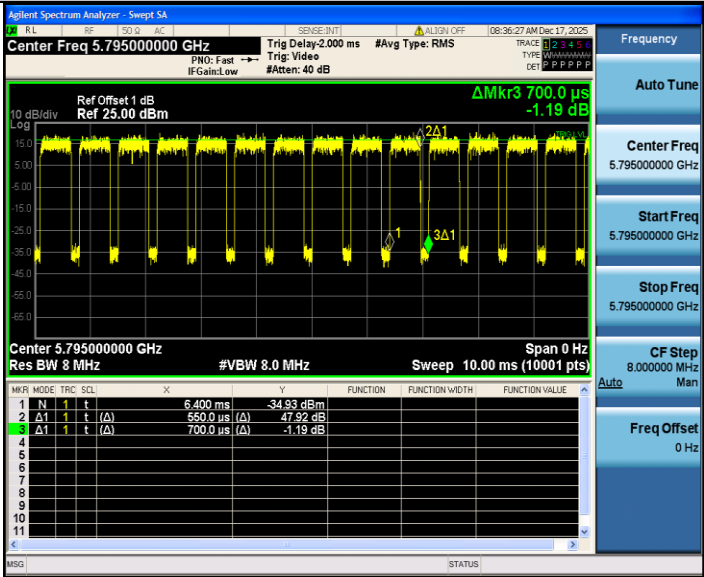
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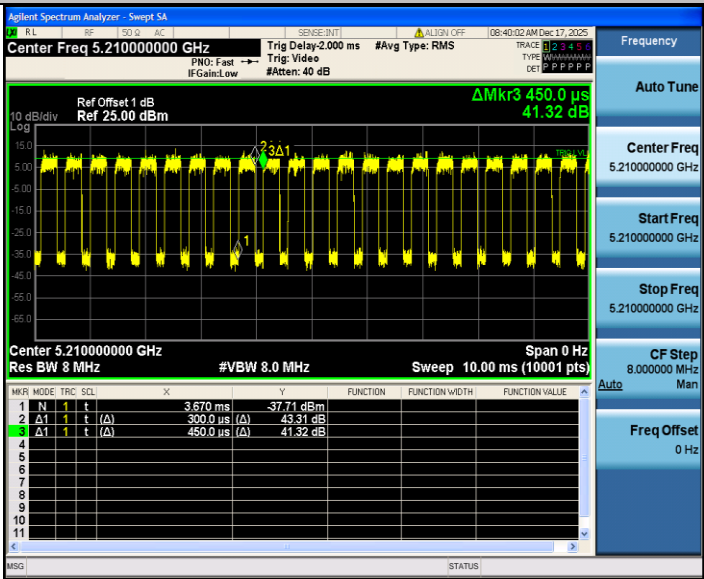
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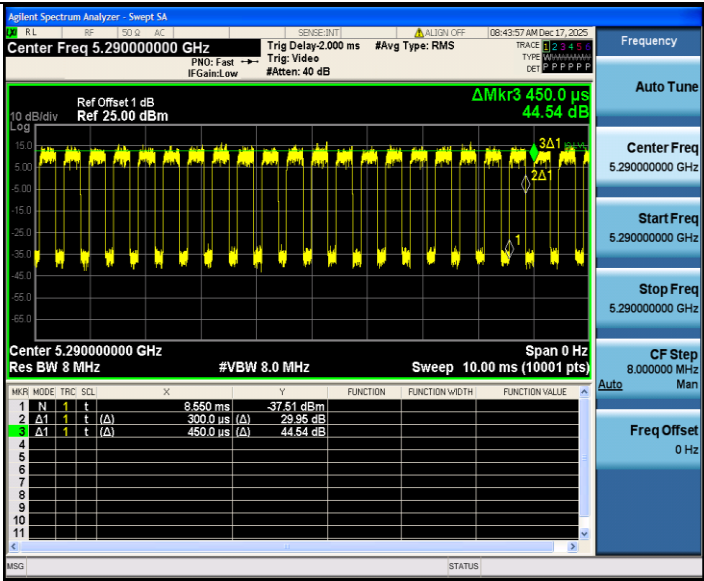
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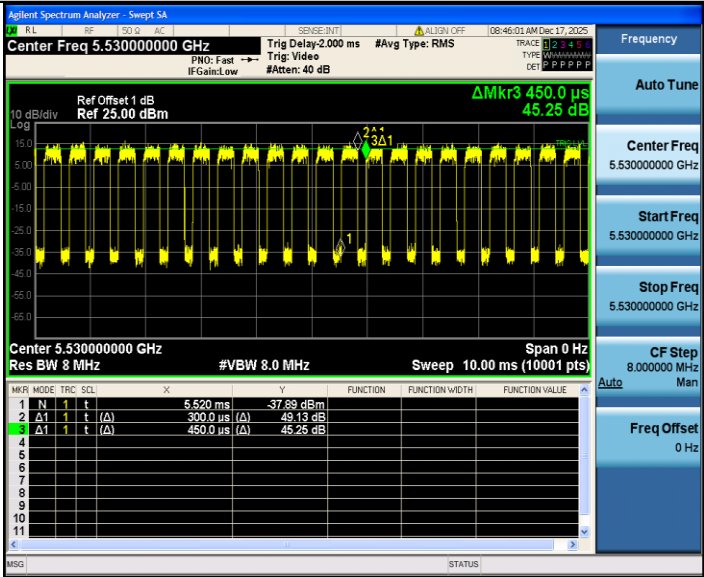
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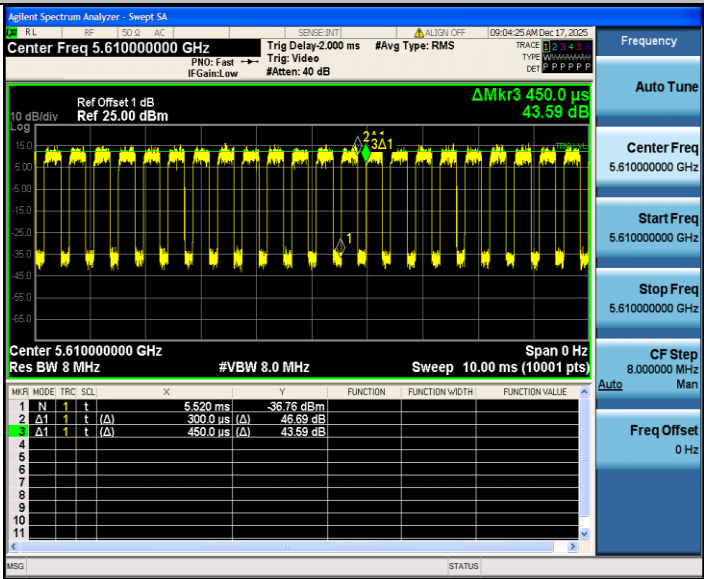
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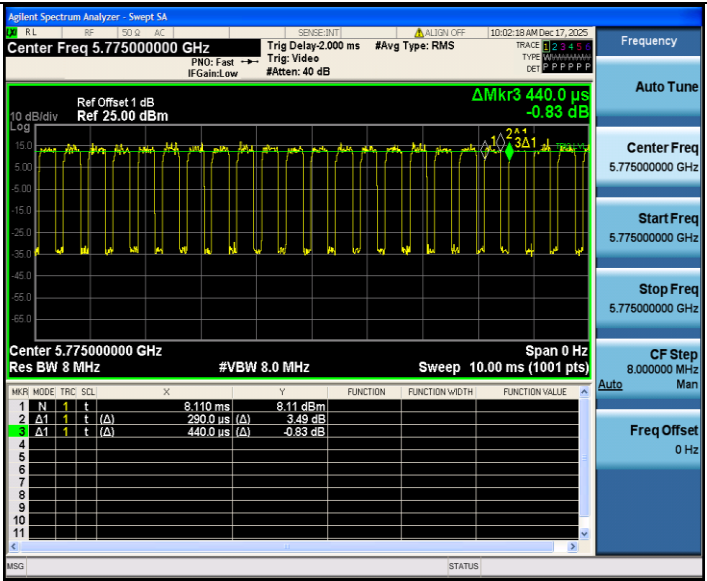
11AX80_5530



11AX80_5610



11AX80_5775



Power Output

	Mode	Channel	Frequency (MHz)	Average Power (dBm)			Limit (dBm)
				ANT 1	ANT 2	ANT 1+2	
5GHz WLAN	802.11a 6Mbps	36	5180	14.92	15.03	N/A	24.00
		40	5200	14.88	14.98		24.00
		48	5240	14.93	14.92		24.00
		52	5260	14.93	15.11		24.00
		56	5280	14.92	15.08		24.00
		64	5320	15.02	15.49		24.00
		100	5500	15.27	15.53		24.00
		116	5580	15.28	15.52		24.00
		140	5700	15.15	15.60		24.00
		149	5745	15.10	15.40		30.00
		157	5785	15.14	15.44		30.00
		165	5825	15.02	15.12		30.00
	802.11n-HT20 MCS0	36	5180	13.35	13.48	16.43	24.00
		40	5200	12.82	12.91	15.88	24.00
		48	5240	12.82	13.01	15.93	24.00
		52	5260	14.72	15.23	17.99	24.00
		56	5280	14.72	14.93	17.84	24.00
		64	5320	14.99	15.83	18.44	24.00
		100	5500	15.70	15.88	18.80	24.00
		116	5580	14.93	15.88	18.44	24.00
		140	5700	15.15	15.54	18.36	24.00
		149	5745	15.35	15.17	18.27	30.00
		157	5785	15.33	15.90	18.63	30.00
		165	5825	14.89	15.29	18.10	30.00
	802.11n-HT40 MCS0	38	5190	13.29	13.16	16.24	24.00
		46	5230	13.12	13.17	16.16	24.00
		54	5270	15.34	15.24	18.30	24.00
		62	5310	14.74	14.96	17.86	24.00
		102	5510	12.30	13.33	15.86	24.00
		118	5590	14.81	15.64	18.26	24.00
		134	5670	15.44	15.47	18.47	24.00
		151	5755	15.04	15.05	18.06	30.00
		159	5795	14.49	15.26	17.90	30.00
	802.11ac-VHT20 MCS0	36	5180	13.10	13.61	16.37	24.00
		40	5200	12.94	12.87	15.92	24.00
		48	5240	12.72	12.57	15.66	24.00
		52	5260	14.74	15.45	18.12	24.00
		56	5280	15.02	14.85	17.95	24.00
		64	5320	15.20	15.19	18.21	24.00
		100	5500	15.69	15.15	18.44	24.00
		116	5580	15.03	15.69	18.38	24.00

		140	5700	15.33	15.63	18.49	24.00
		149	5745	15.34	15.48	18.42	30.00
		157	5785	15.38	15.48	18.44	30.00
		165	5825	15.66	15.20	18.45	30.00
	802.11ac-VHT40 MCS0	38	5190	13.22	13.19	16.22	24.00
		46	5230	13.13	13.21	16.18	24.00
		54	5270	15.26	15.37	18.33	24.00
		62	5310	15.25	15.37	18.32	24.00
		102	5510	12.32	13.23	15.81	24.00
		118	5590	14.97	15.35	18.17	24.00
		134	5670	15.18	15.59	18.40	24.00
		151	5755	15.33	15.50	18.43	30.00
		159	5795	14.89	15.05	17.98	30.00
	802.11ac-VHT80 MCS0	42	5210	13.30	13.42	16.37	24.00
		58	5290	14.77	15.40	18.11	24.00
		106	5530	12.70	13.11	15.92	24.00
		122	5610	15.24	15.39	18.33	24.00
		155	5775	15.26	15.40	18.34	30.00
	802.11ax-HE20 MCS0	36	5180	13.12	13.09	16.12	24.00
		40	5200	13.11	13.05	16.09	24.00
		48	5240	13.22	13.11	16.18	24.00
		52	5260	14.89	15.21	18.06	24.00
		56	5280	14.75	15.48	18.14	24.00
		64	5320	15.69	15.54	18.63	24.00
		100	5500	14.88	15.40	18.16	24.00
		116	5580	14.85	14.87	17.87	24.00
		140	5700	14.36	14.42	17.40	24.00
		149	5745	15.39	15.59	18.50	30.00
		157	5785	15.26	15.59	18.44	30.00
		165	5825	15.33	15.19	18.27	30.00
	802.11ax-HE40 MCS0	38	5190	12.51	12.54	15.54	24.00
		46	5230	13.23	13.41	16.33	24.00
		54	5270	14.93	15.19	18.07	24.00
		62	5310	14.91	15.27	18.10	24.00
		102	5510	12.61	13.49	16.08	24.00
		118	5590	15.33	15.67	18.51	24.00
		134	5670	14.69	15.54	18.15	24.00
		151	5755	15.24	14.82	18.05	30.00
		159	5795	15.01	15.66	18.36	30.00
	802.11ax-HE80 MCS0	42	5210	12.66	12.82	15.75	24.00
		58	5290	14.78	15.03	17.92	24.00
		106	5530	12.61	13.45	16.06	24.00
		122	5610	14.30	14.85	17.59	24.00
		155	5775	14.04	14.98	17.55	30.00

Note 1: Limit = limit – (Directional gain -6dBi)

Note 2: Average Power = Conducted Power + Duty Cycle Factor

Power Spectral Density

TestMode	Antenna	Frequency[MHz]	Result 5150~5250 dBm/MHz	EIRP Limit [5150~5250] dBm/MHz	Verdict
11A	Ant1	5180	3.97	≤11.00	PASS
11A	Ant1	5200	3.85	≤11.00	PASS
11A	Ant1	5240	3.85	≤11.00	PASS

Note 1: Only the highest power chain date shown in this report.

Note 2: The Duty Cycle Factor is compensated in the graph.

Note 3: EIRP = Result + Antenna Gain

Note 4: Offset = Cable loss + Duty Cycle Factor

TestMode	Antenna	Frequency[MHz]	SISO Result 5150~5250 dBm/MHz	MIMO Result 5150~5250 dBm/MHz	EIRP Limit [5150~5250] dBm/MHz	Verdict
11N20	Ant1+2	5180	1.03	4.04	≤11.00	PASS
11N20	Ant1+2	5200	1.39	4.40	≤11.00	PASS
11N20	Ant1+2	5240	0.87	3.88	≤11.00	PASS
11N40	Ant1+2	5190	1.58	4.59	≤11.00	PASS
11N40	Ant1+2	5230	1.11	4.12	≤11.00	PASS
11AC20	Ant1+2	5180	1.54	4.55	≤11.00	PASS
11AC20	Ant1+2	5200	0.77	3.78	≤11.00	PASS
11AC20	Ant1+2	5240	1.29	4.30	≤11.00	PASS
11AC40	Ant1+2	5190	1.29	4.30	≤11.00	PASS
11AC40	Ant1+2	5230	1.43	4.44	≤11.00	PASS
11AC80	Ant1+2	5210	1.00	4.01	≤11.00	PASS
11AX20	Ant1+2	5180	0.64	3.65	≤11.00	PASS
11AX20	Ant1+2	5200	1.03	4.04	≤11.00	PASS
11AX20	Ant1+2	5240	1.39	4.40	≤11.00	PASS
11AX40	Ant1+2	5190	0.87	3.88	≤11.00	PASS
11AX40	Ant1+2	5230	1.58	4.59	≤11.00	PASS
11AX80	Ant1+2	5210	1.11	4.12	≤11.00	PASS

Note 1: Only the highest power chain date shown in this report.

Note 2: The Duty Cycle Factor is compensated in the graph.

Note 3: The MIMO PSD is calculate form SISO PSD, which is tight than real result: $MIMO\ PSD = SISO\ PSD + 10\log(n) = SISO\ PSD + 3.01$ $n =$ chain number.

Note 4: Directional gain= 5.15

Note 5: Offset = Cable loss + Duty Cycle Factor

TestMode	Antenna	Frequency[MHz]	Result [5250~5725 dBm/MHz]	Limit 5250~5725 dBm/MHz	Verdict
11A	Ant1	5260	4.03	≤11.00	PASS
11A	Ant1	5280	4.41	≤11.00	PASS
11A	Ant1	5320	4.73	≤11.00	PASS
11A	Ant1	5500	4.41	≤11.00	PASS
11A	Ant1	5580	4.86	≤11.00	PASS
11A	Ant1	5700	4.39	≤11.00	PASS

Note 1: Only the highest power chain data shown in this report.

Note 2: The Duty Cycle Factor is compensated in the graph.

Note 3: Offset = Offset = Cable loss + Duty Cycle Factor

TestMode	Antenna	Frequency[MHz]	SISO Result [5250~5725 dBm/MHz]	MIMO Result [5250~5725 dBm/MHz]	Limit 5250~5725 dBm/MHz	Verdict
11N20	Ant1+2	5260	4.53	7.54	≤11.00	PASS
11N20	Ant1+2	5280	4.95	7.96	≤11.00	PASS
11N20	Ant1+2	5320	5.17	8.18	≤11.00	PASS
11N20	Ant1+2	5500	4.90	7.91	≤11.00	PASS
11N20	Ant1+2	5580	5.45	8.46	≤11.00	PASS
11N20	Ant1+2	5700	4.13	7.14	≤11.00	PASS
11N40	Ant1+2	5270	1.57	4.58	≤11.00	PASS
11N40	Ant1+2	5310	0.99	4.00	≤11.00	PASS
11N40	Ant1+2	5510	-1.45	1.56	≤11.00	PASS
11N40	Ant1+2	5550	2.72	5.73	≤11.00	PASS
11N40	Ant1+2	5670	1.90	4.91	≤11.00	PASS
11AC20	Ant1+2	5260	4.39	7.40	≤11.00	PASS
11AC20	Ant1+2	5280	4.70	7.71	≤11.00	PASS
11AC20	Ant1+2	5320	4.81	7.82	≤11.00	PASS
11AC20	Ant1+2	5500	4.76	7.77	≤11.00	PASS
11AC20	Ant1+2	5580	5.19	8.20	≤11.00	PASS
11AC20	Ant1+2	5700	4.69	7.70	≤11.00	PASS
11AC40	Ant1+2	5270	1.20	4.21	≤11.00	PASS
11AC40	Ant1+2	5310	1.42	4.43	≤11.00	PASS
11AC40	Ant1+2	5510	-1.87	1.14	≤11.00	PASS
11AC40	Ant1+2	5550	2.07	5.08	≤11.00	PASS
11AC40	Ant1+2	5670	1.46	4.47	≤11.00	PASS
11AC80	Ant1+2	5290	-1.71	1.30	≤11.00	PASS
11AC80	Ant1+2	5530	-5.19	-2.18	≤11.00	PASS
11AC80	Ant1+2	5610	-2.34	0.67	≤11.00	PASS
11AX20	Ant1+2	5260	4.34	7.35	≤11.00	PASS
11AX20	Ant1+2	5280	4.94	7.95	≤11.00	PASS
11AX20	Ant1+2	5320	5.02	8.03	≤11.00	PASS
11AX20	Ant1+2	5500	4.18	7.19	≤11.00	PASS
11AX20	Ant1+2	5580	4.36	7.37	≤11.00	PASS
11AX20	Ant1+2	5700	3.13	6.14	≤11.00	PASS
11AX40	Ant1+2	5270	1.46	4.47	≤11.00	PASS
11AX40	Ant1+2	5310	0.84	3.85	≤11.00	PASS

11AX40	Ant1+2	5510	-1.45	1.56	≤11.00	PASS
11AX40	Ant1+2	5550	2.20	5.21	≤11.00	PASS
11AX40	Ant1+2	5670	1.64	4.65	≤11.00	PASS
11AX80	Ant1+2	5290	-3.08	-0.07	≤11.00	PASS
11AX80	Ant1+2	5530	-5.35	-2.34	≤11.00	PASS
11AX80	Ant1+2	5610	-1.77	1.24	≤11.00	PASS

Note 1: Only the highest power chain data shown in this report.

Note 2: The Duty Cycle Factor is compensated in the graph.

Note 3: The MIMO PSD is calculated from SISO PSD, which is tighter than the real result: $MIMO\ PSD = SISO\ PSD + 10\log(n) = SISO\ PSD + 3.01$, n = chain number.

Note 4: $MIMO\ Limit = limit - (Directional\ gain - 6dB)$

$11 - (5.15 - 6) = 11.00$

Note 5: $Offset = Offset = Cable\ loss + Duty\ Cycle\ Factor$

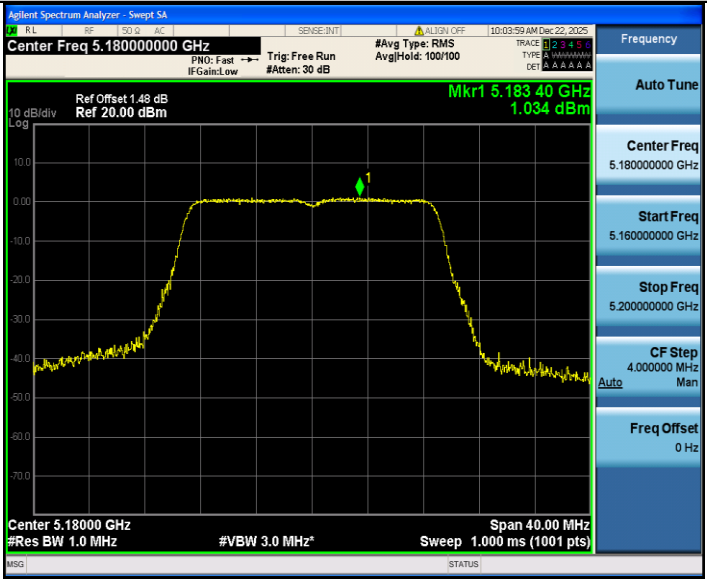
Test Graphs

5150~5250MHz

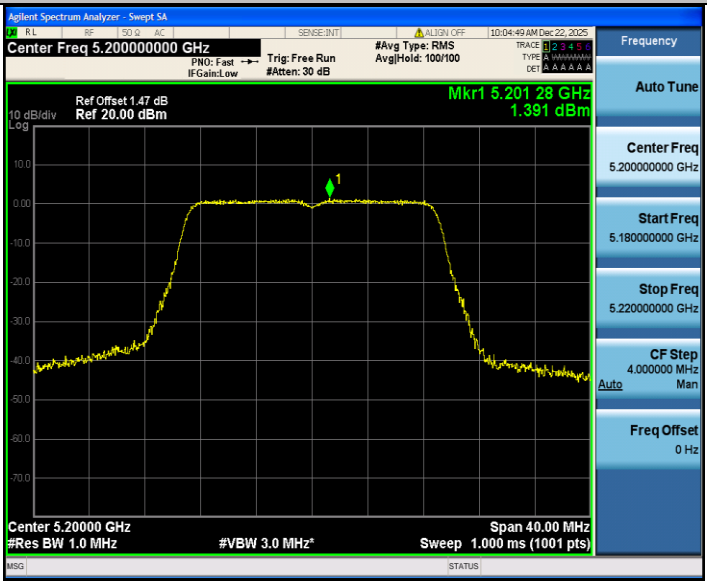




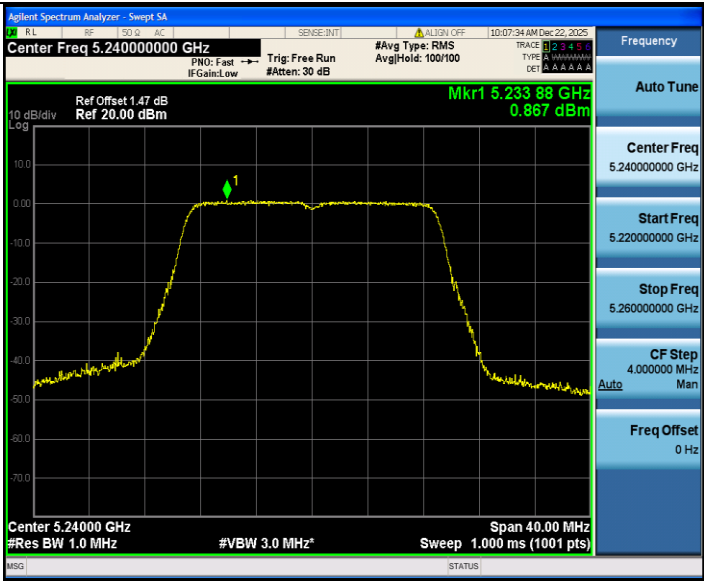
11N20_5180



11N20_5200



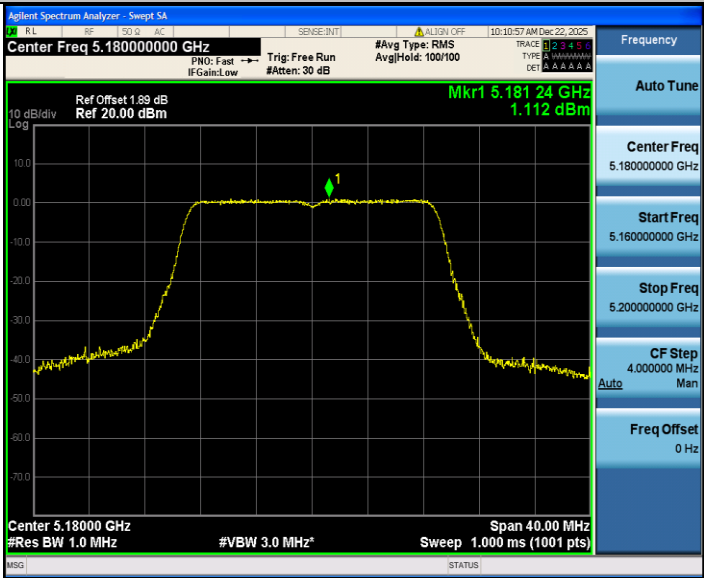
11N20_5240



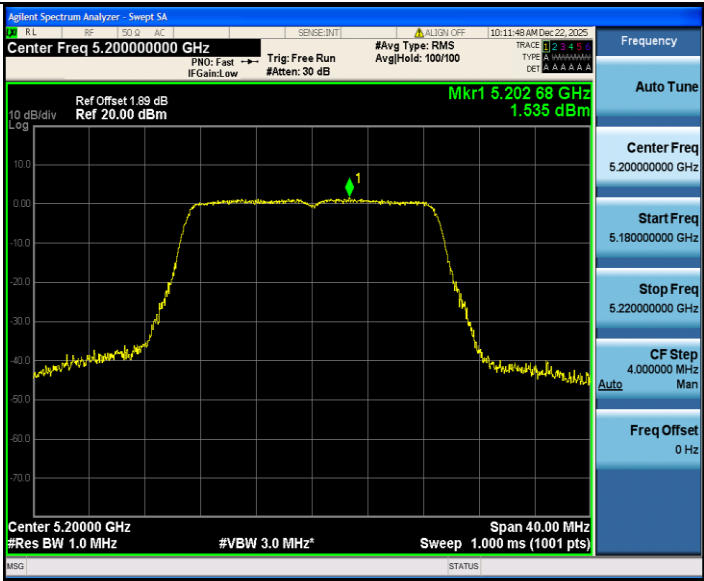
11N40_5230



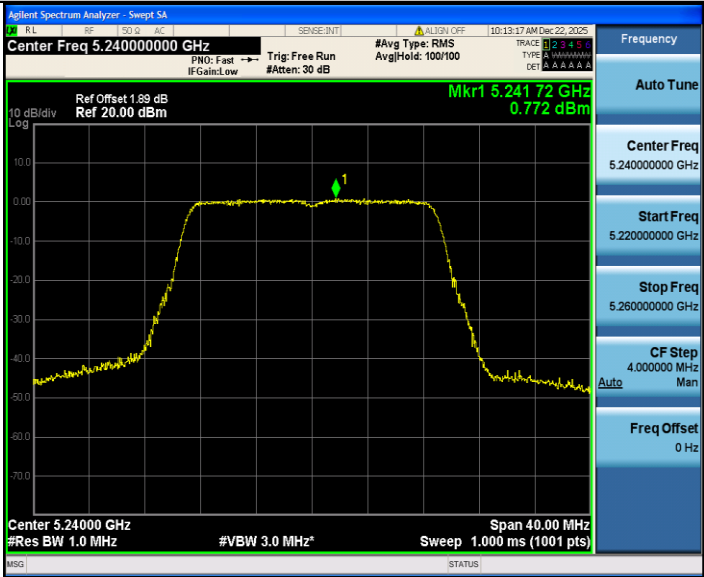
11AC20_5180



11AC20_5200



11AC20_5240



11AC40_5230



11AX20_5180