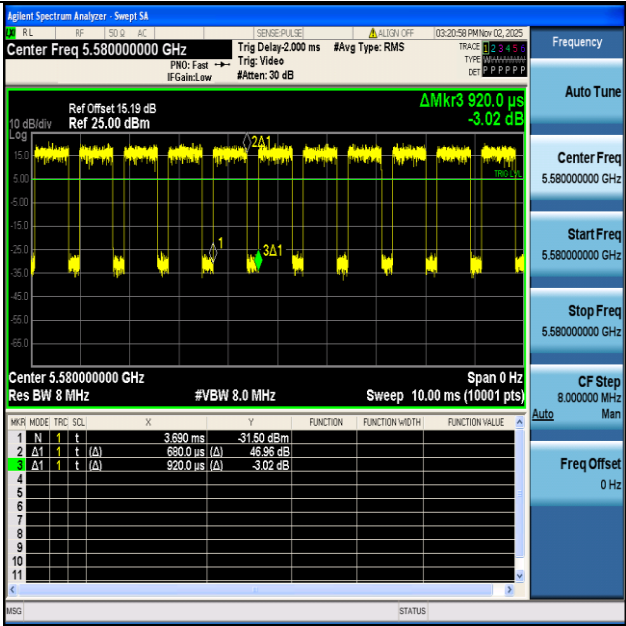
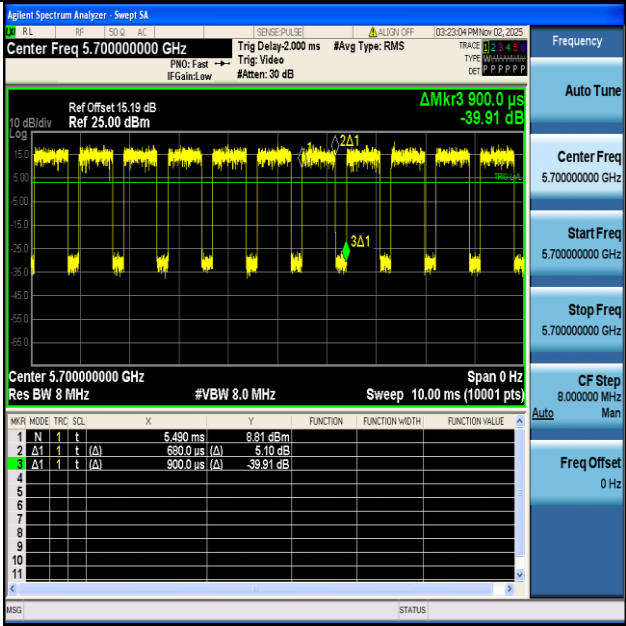
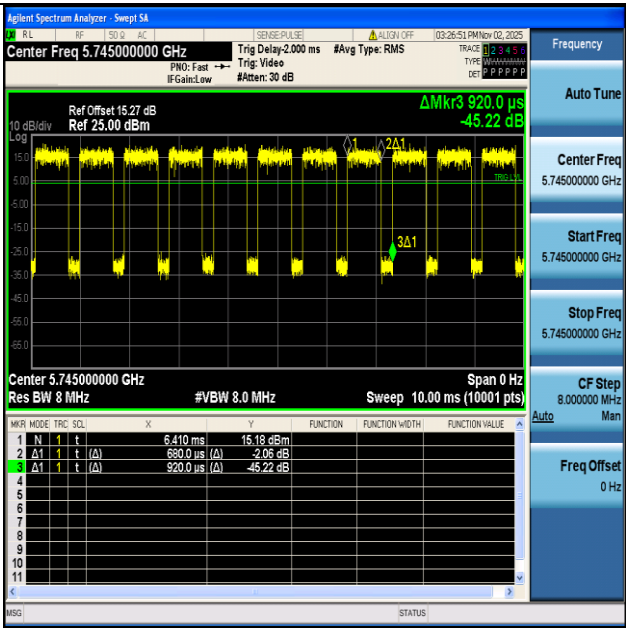




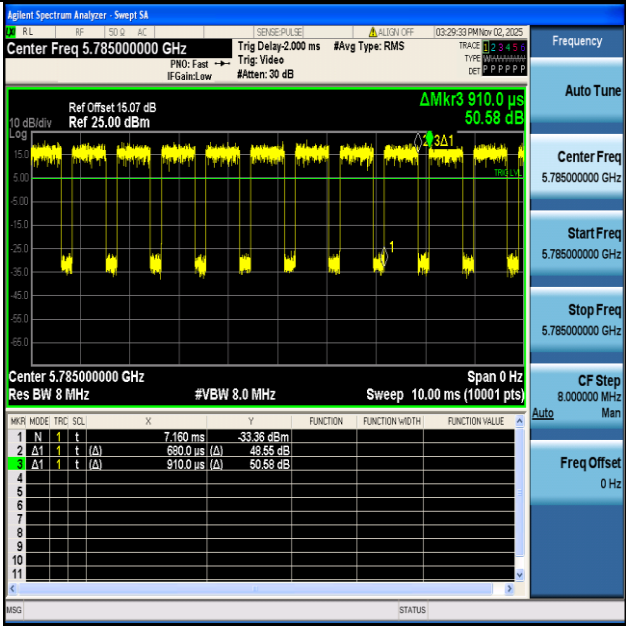
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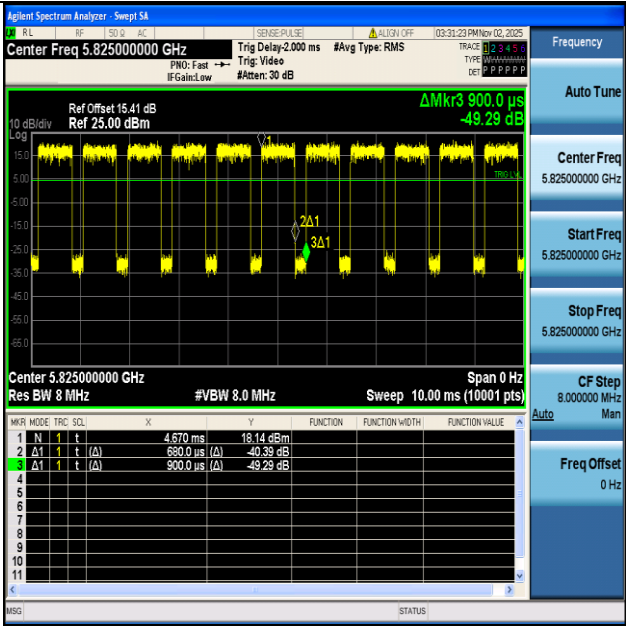
NTNV-11AC20SISO-Ant1-5745



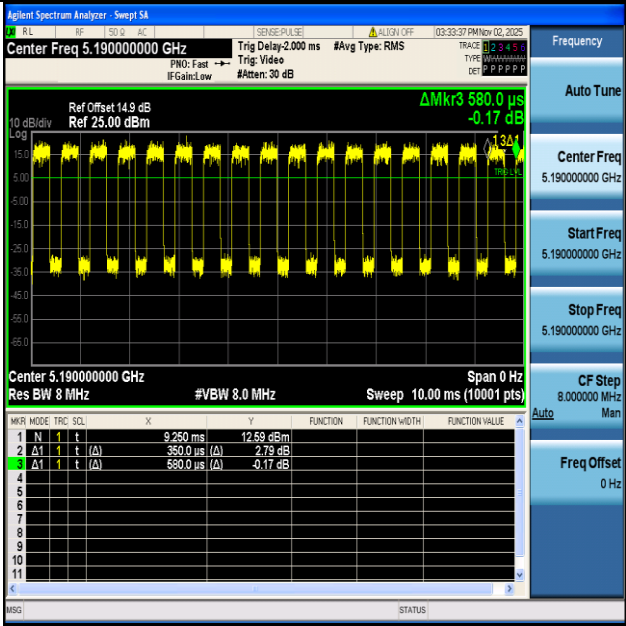
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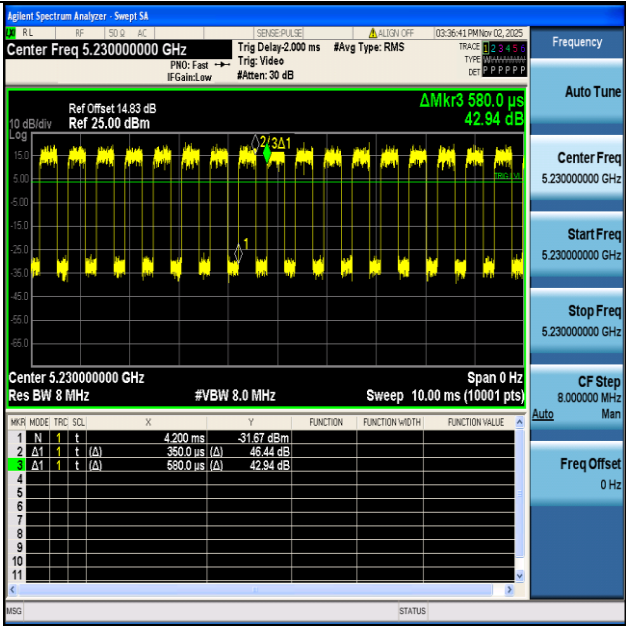
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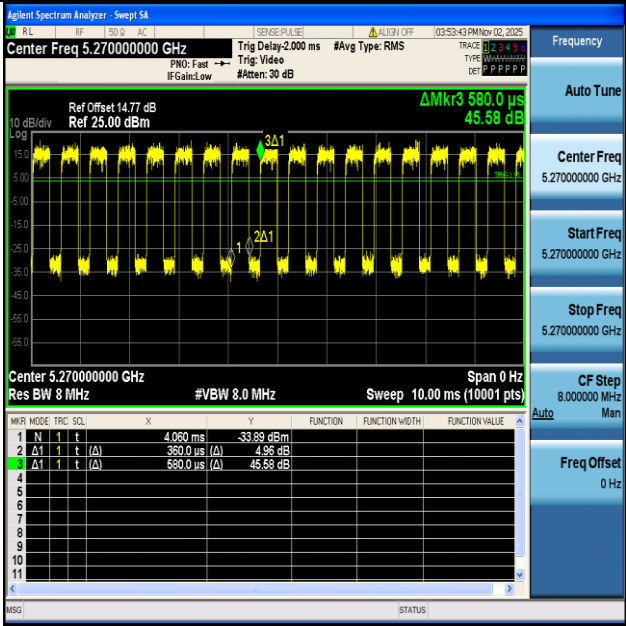
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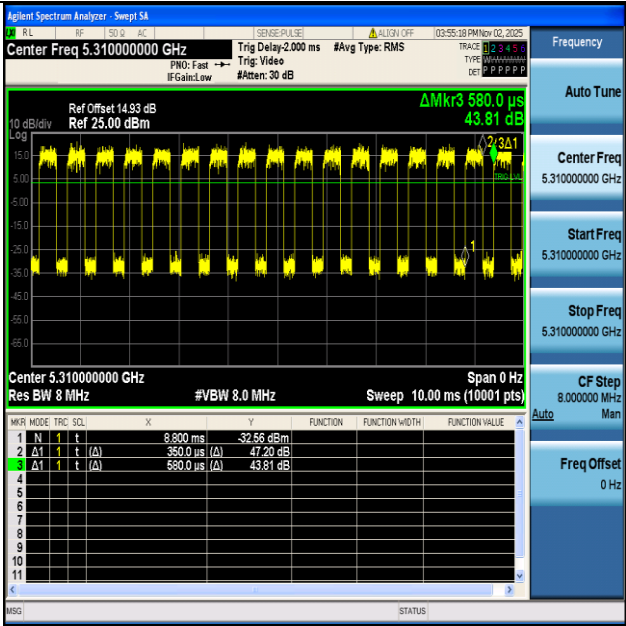
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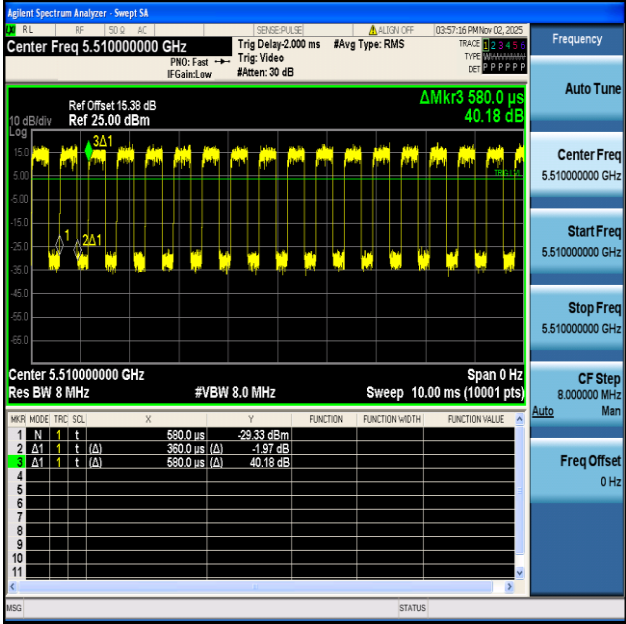
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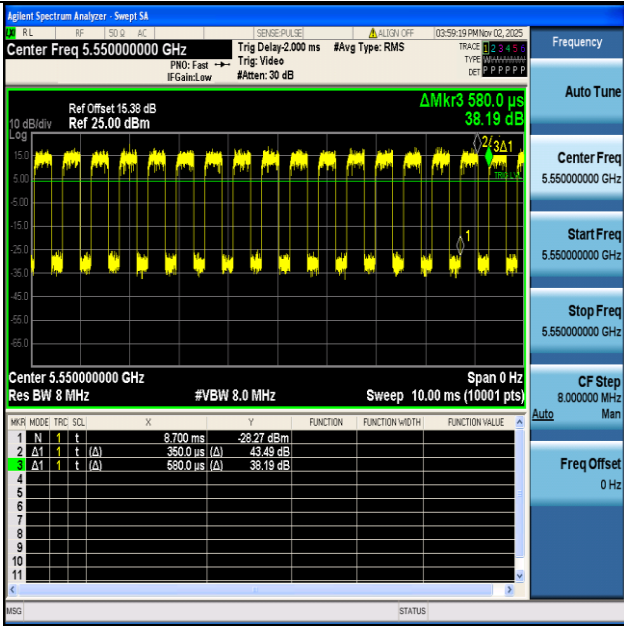
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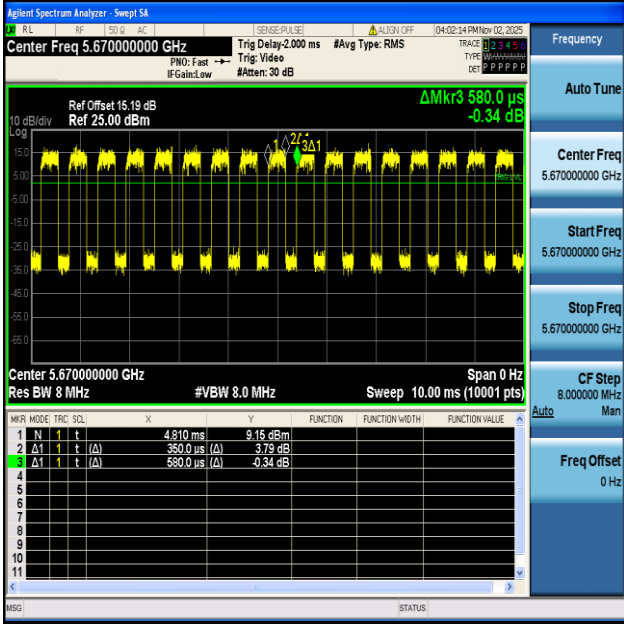
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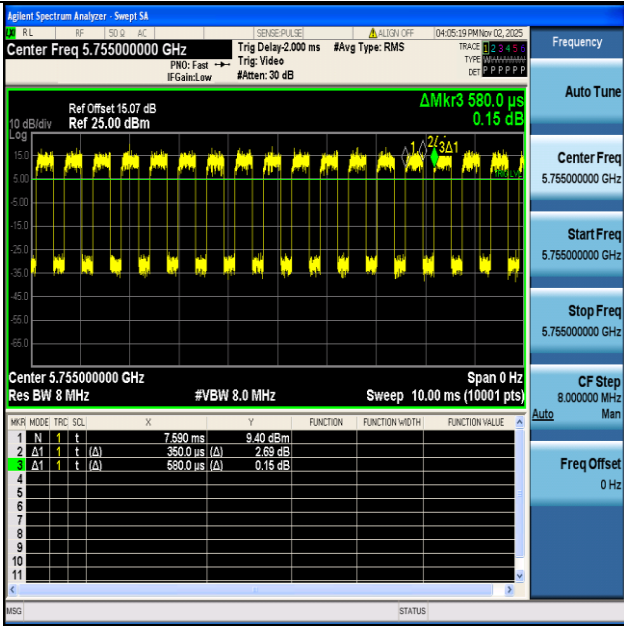
NTNV-11AC40SISO-Ant1-5550



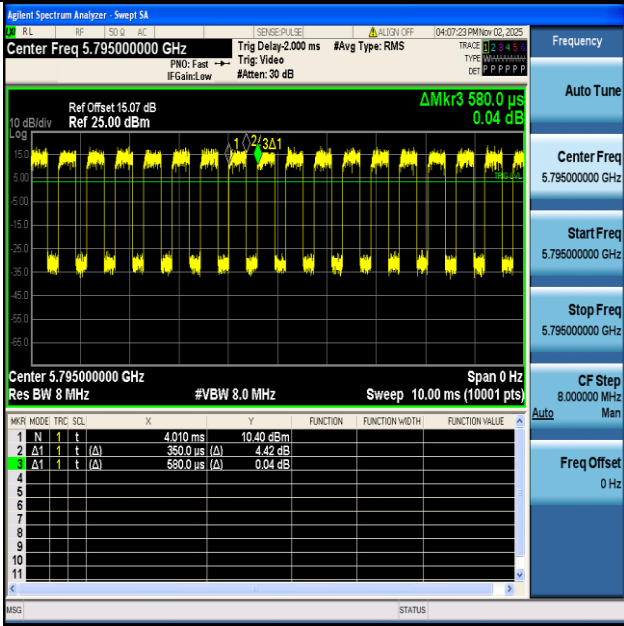
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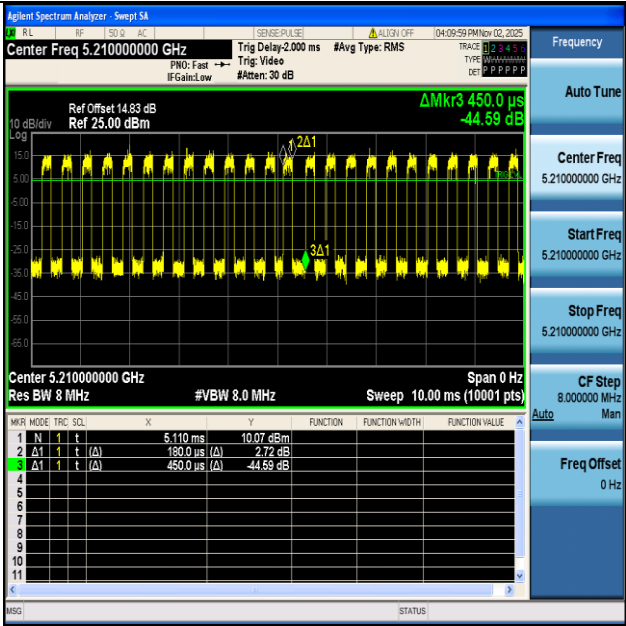
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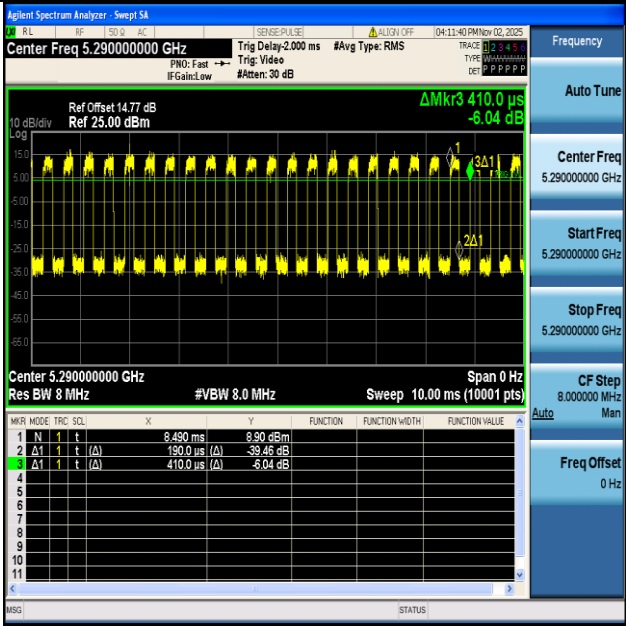
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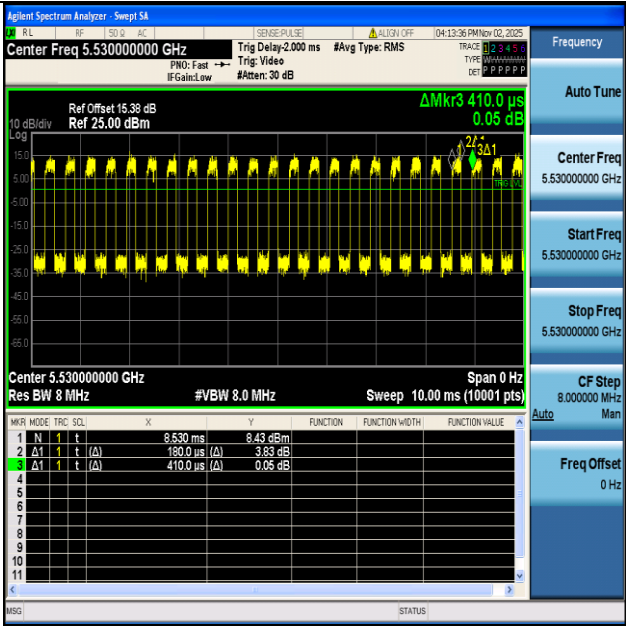
NTNV-11AC80SISO-Ant1-5210



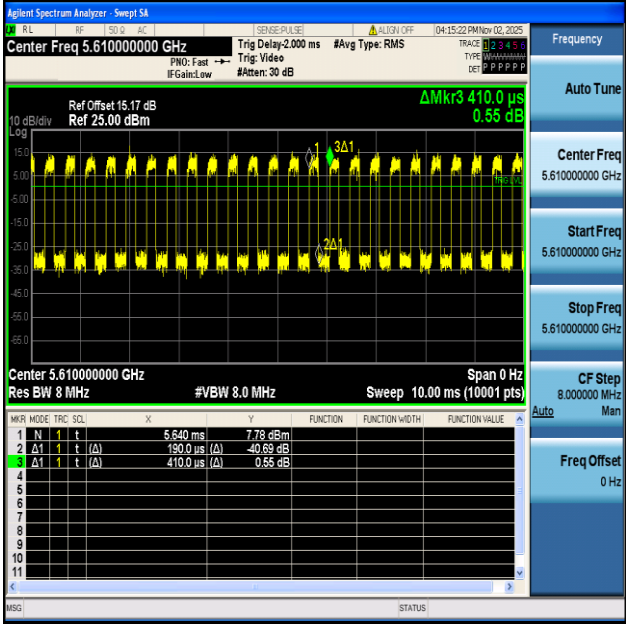
NTNV-11AC80SISO-Ant1-5290



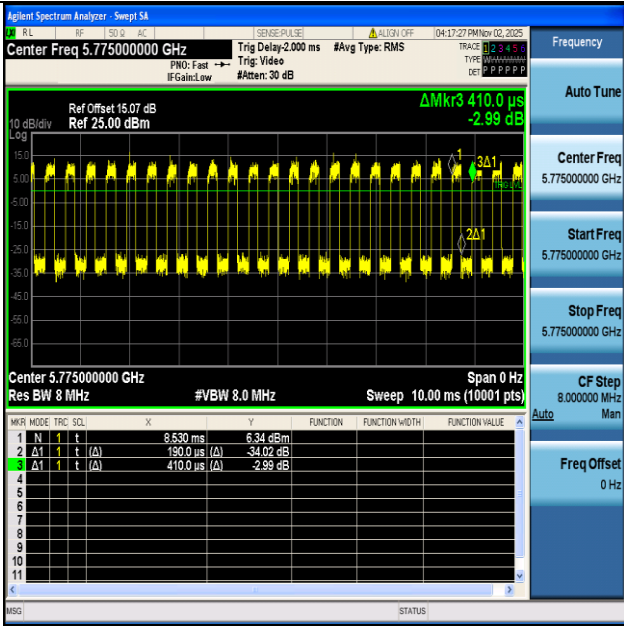
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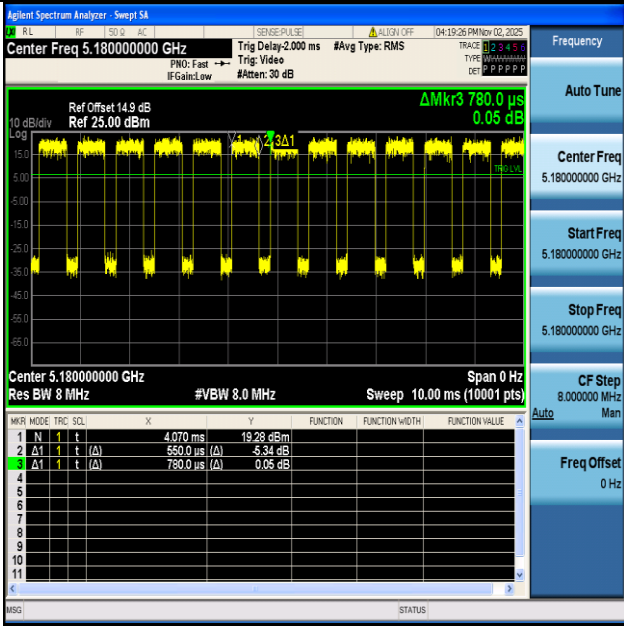
NTNV-11AC80SISO-Ant1-5610



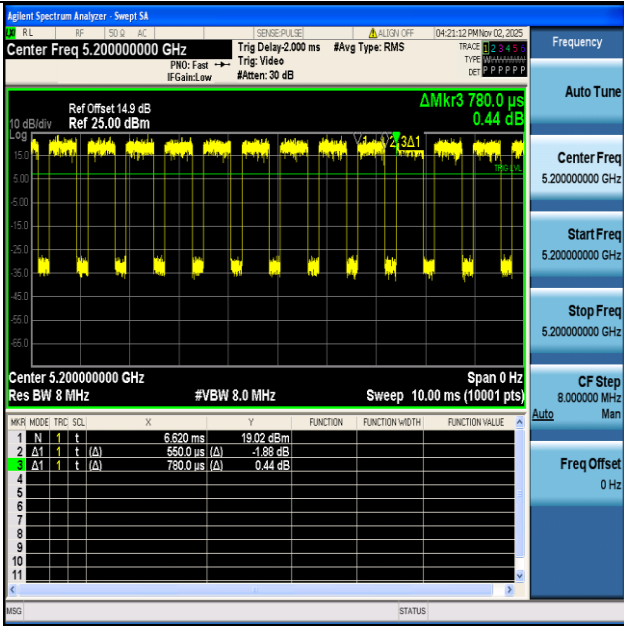
NTNV-11AC80SISO-Ant1-5775



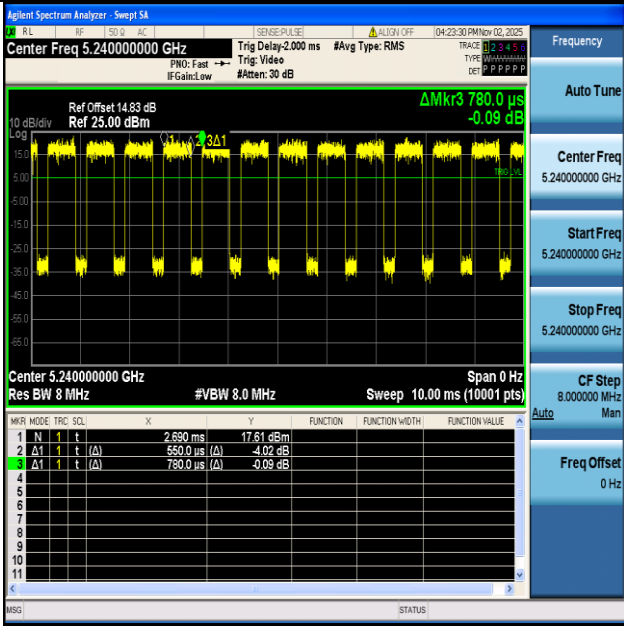
NTNV-11AX20SISO-Ant1-5180



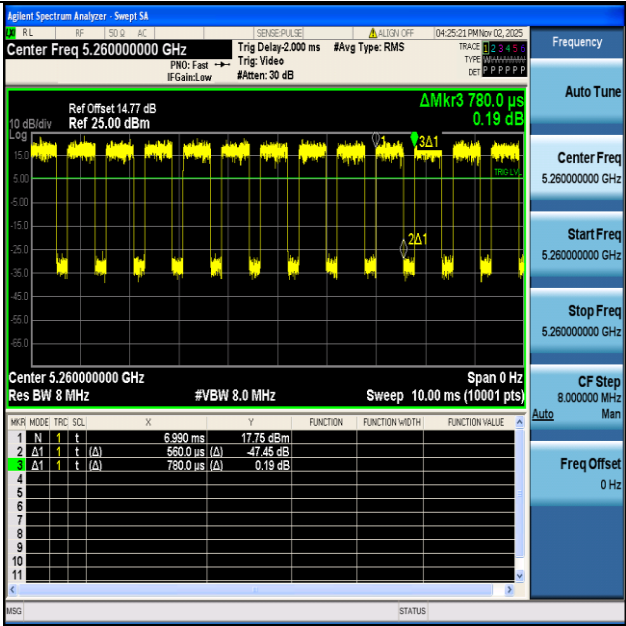
NTNV-11AX20SISO-Ant1-5200



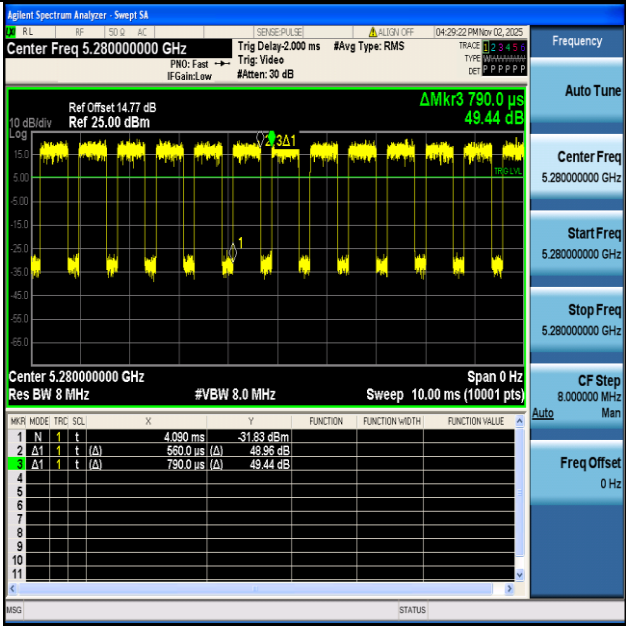
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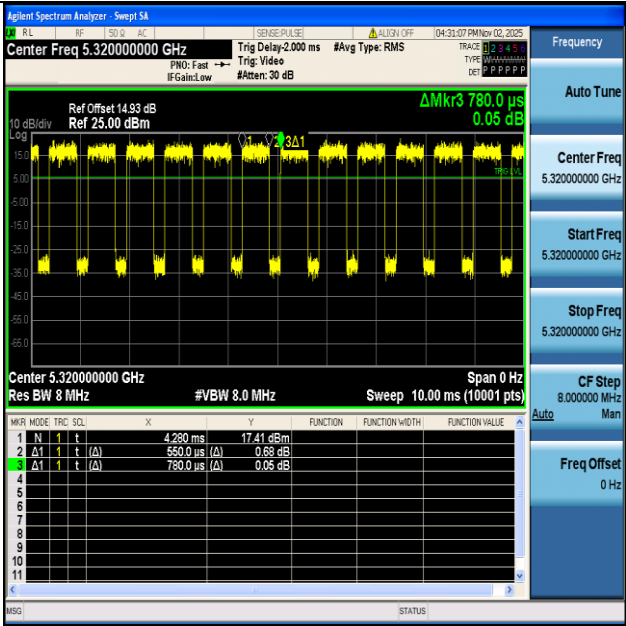
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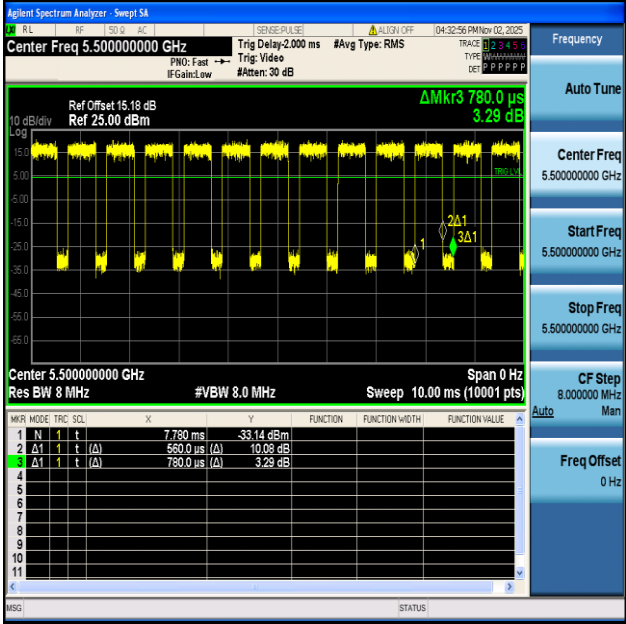
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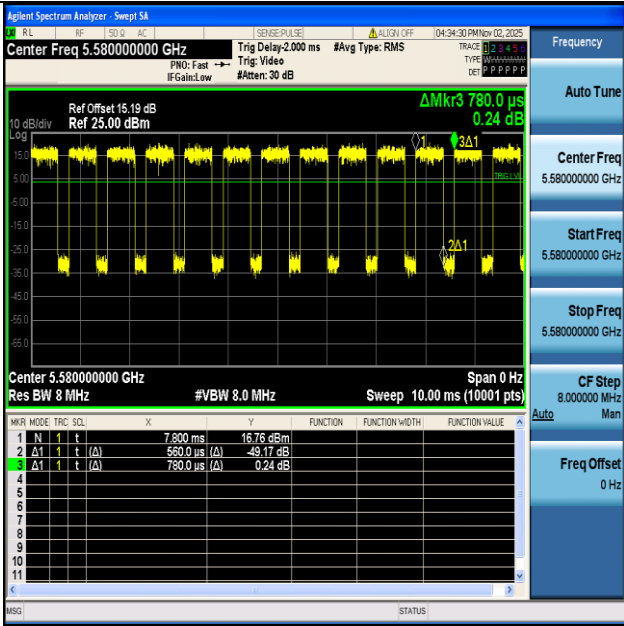
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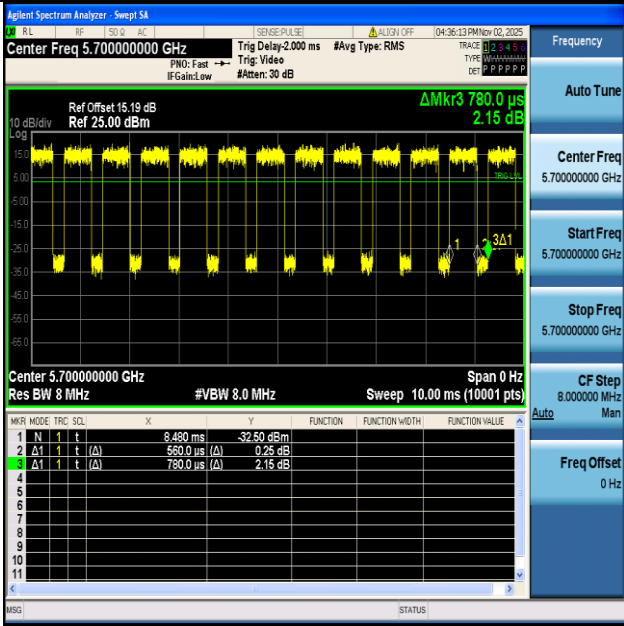
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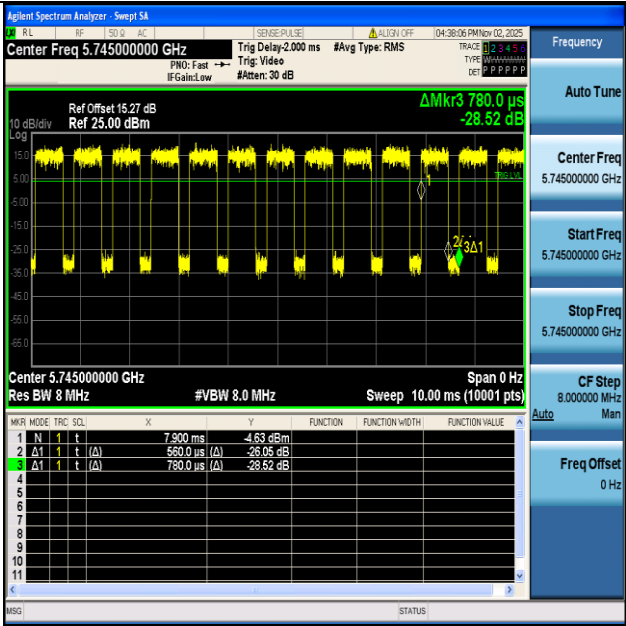
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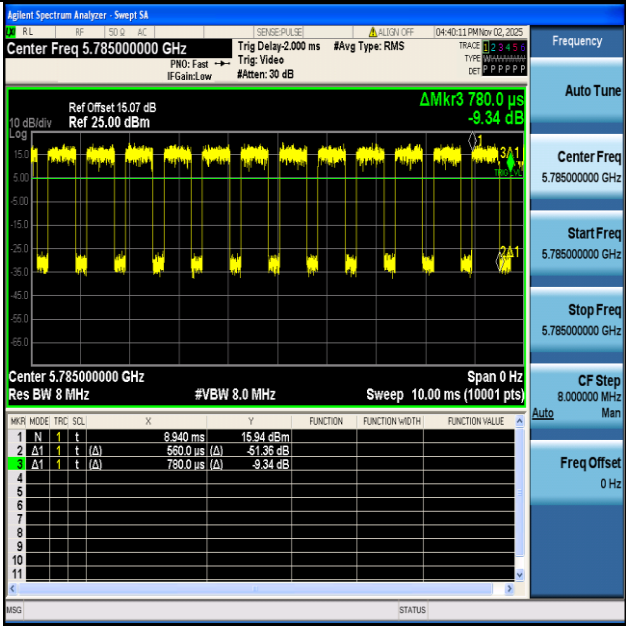
NTNV-11AX20SISO-Ant1-5700



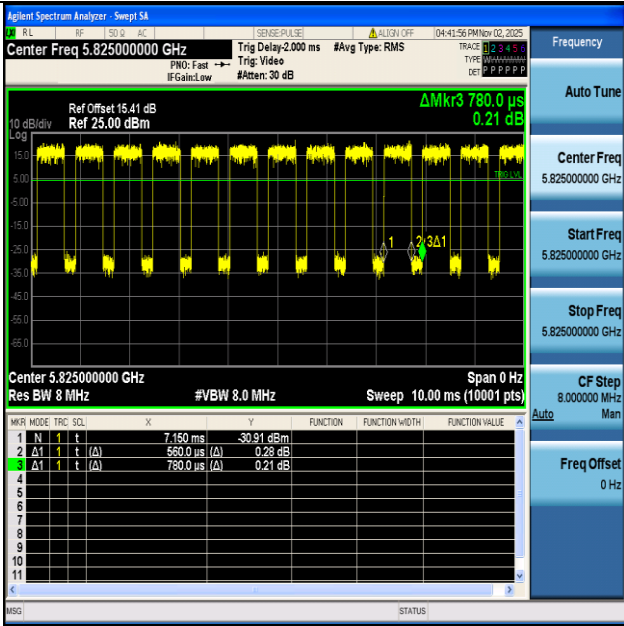
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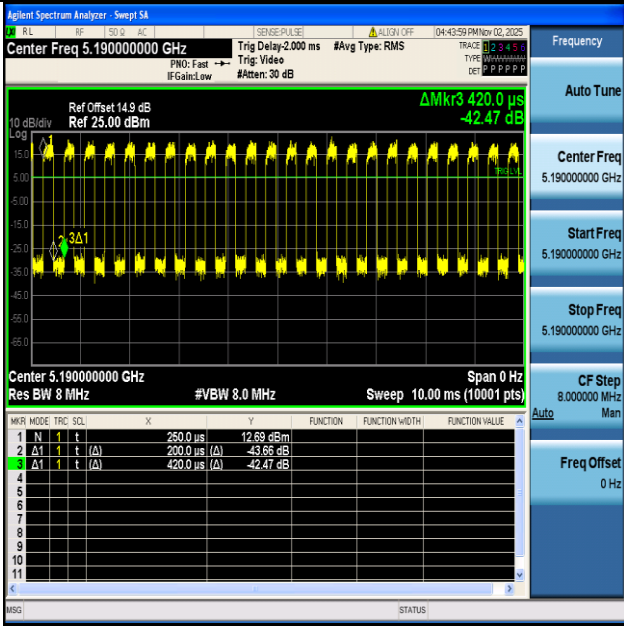
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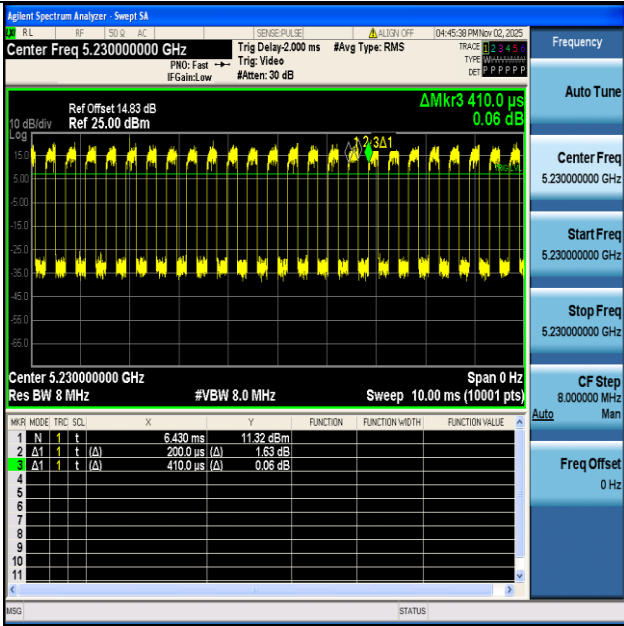
NTNV-11AX20SISO-Ant1-5825



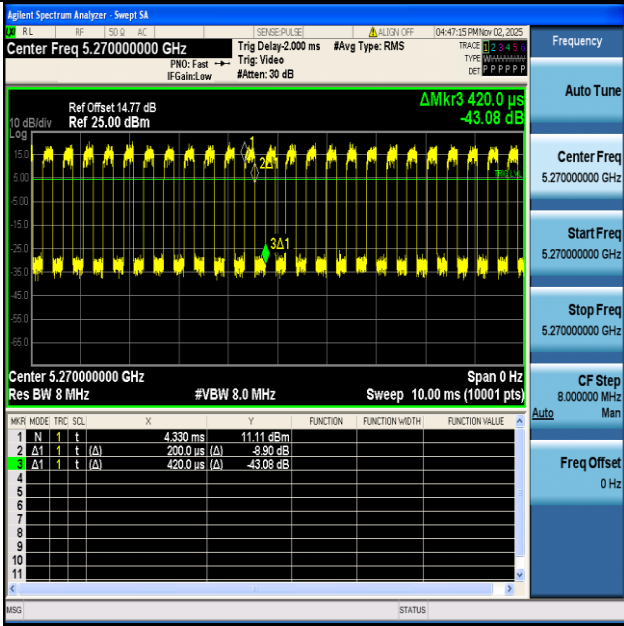
NTNV-11AX40SISO-Ant1-5190



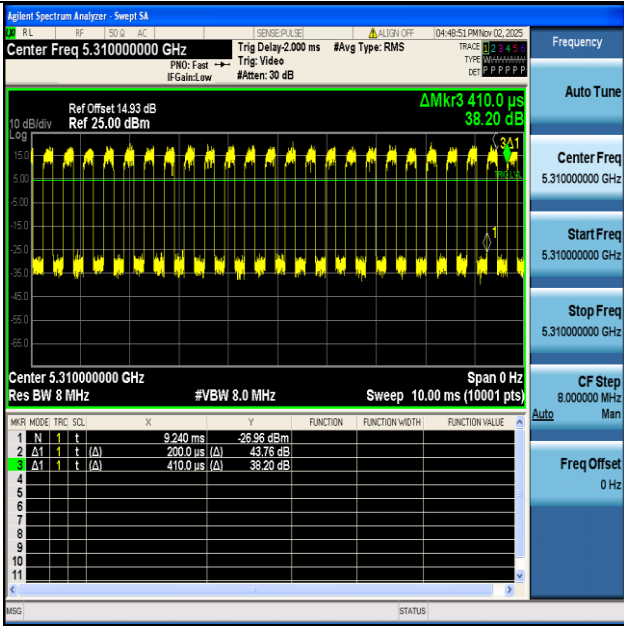
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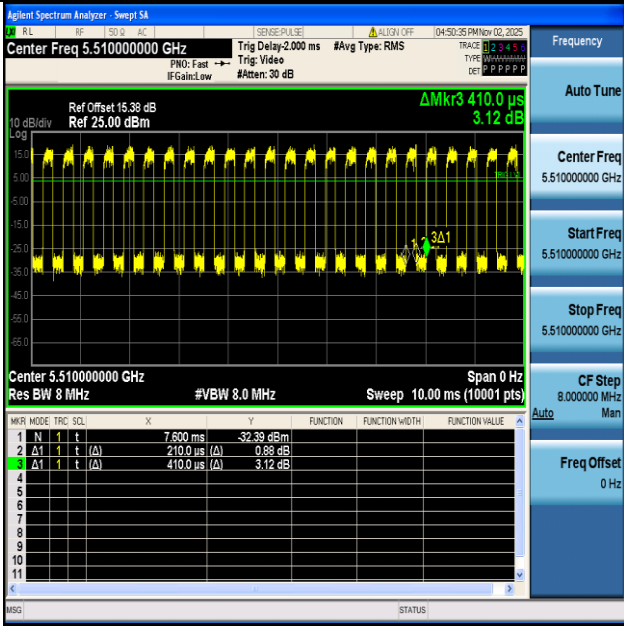
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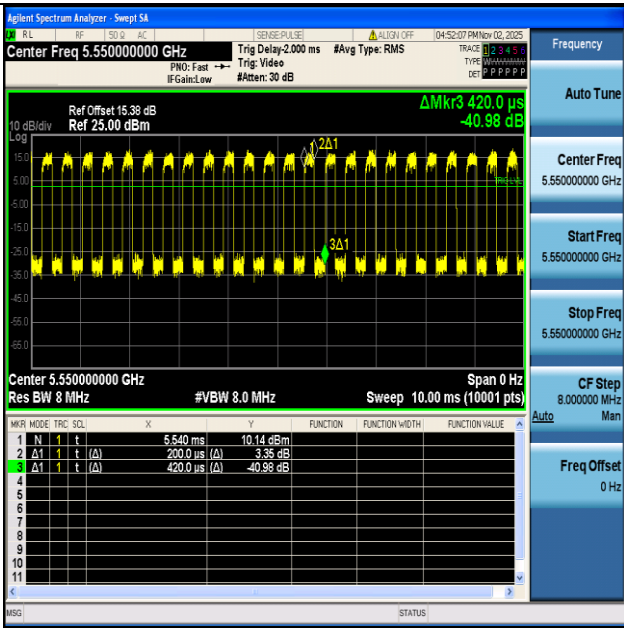
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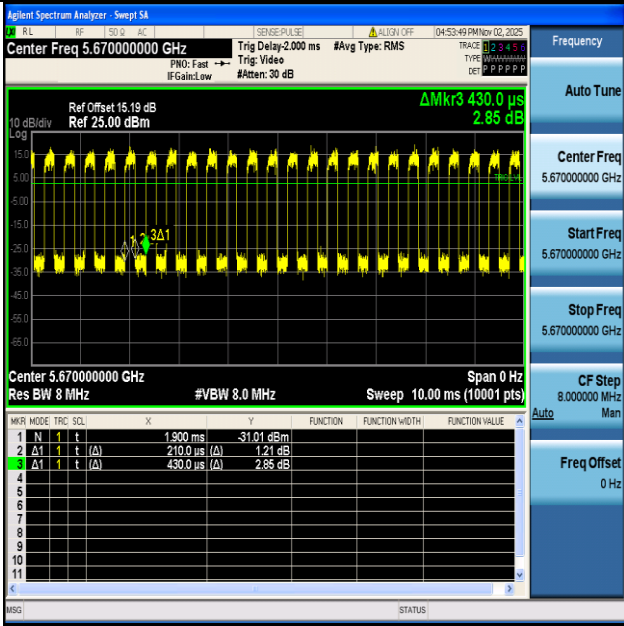
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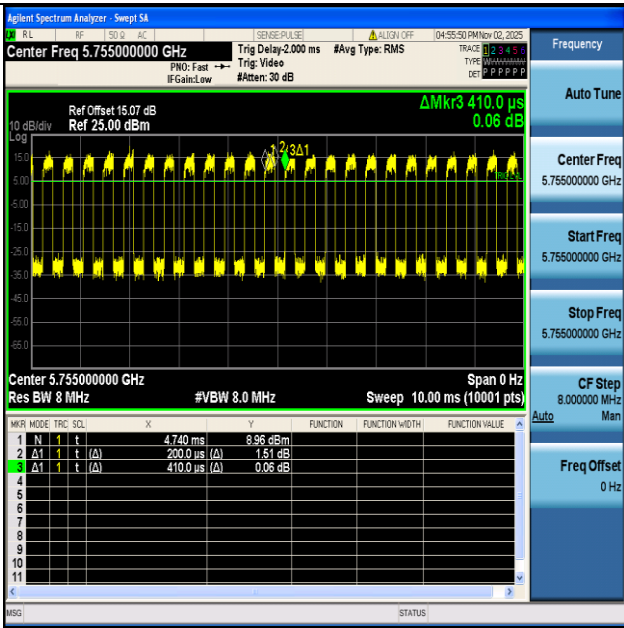
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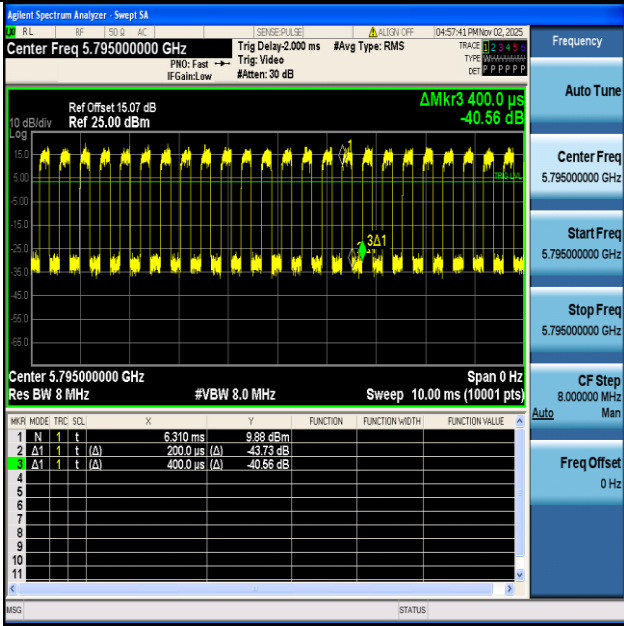
NTNV-11AX40SISO-Ant1-5670



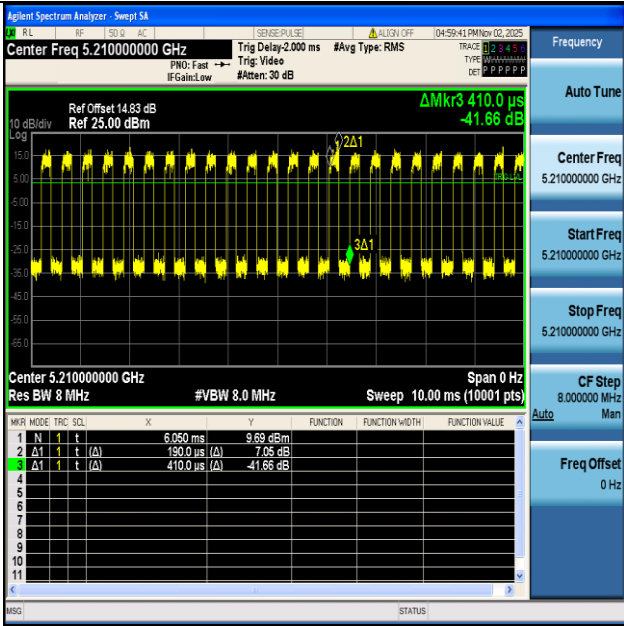
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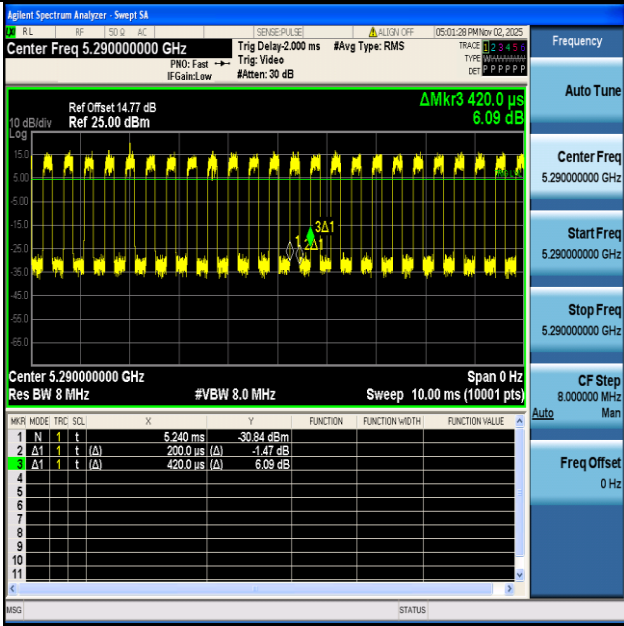
NTNV-11AX40SISO-Ant1-5795



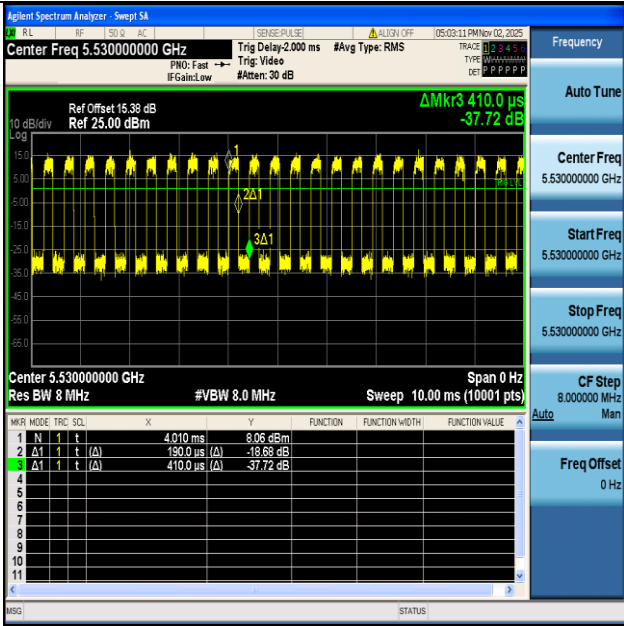
NTNV-11AX80SISO-Ant1-5210



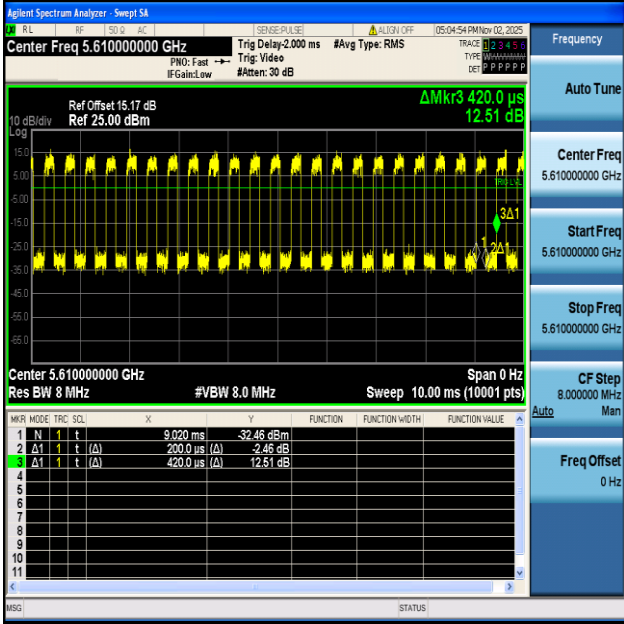
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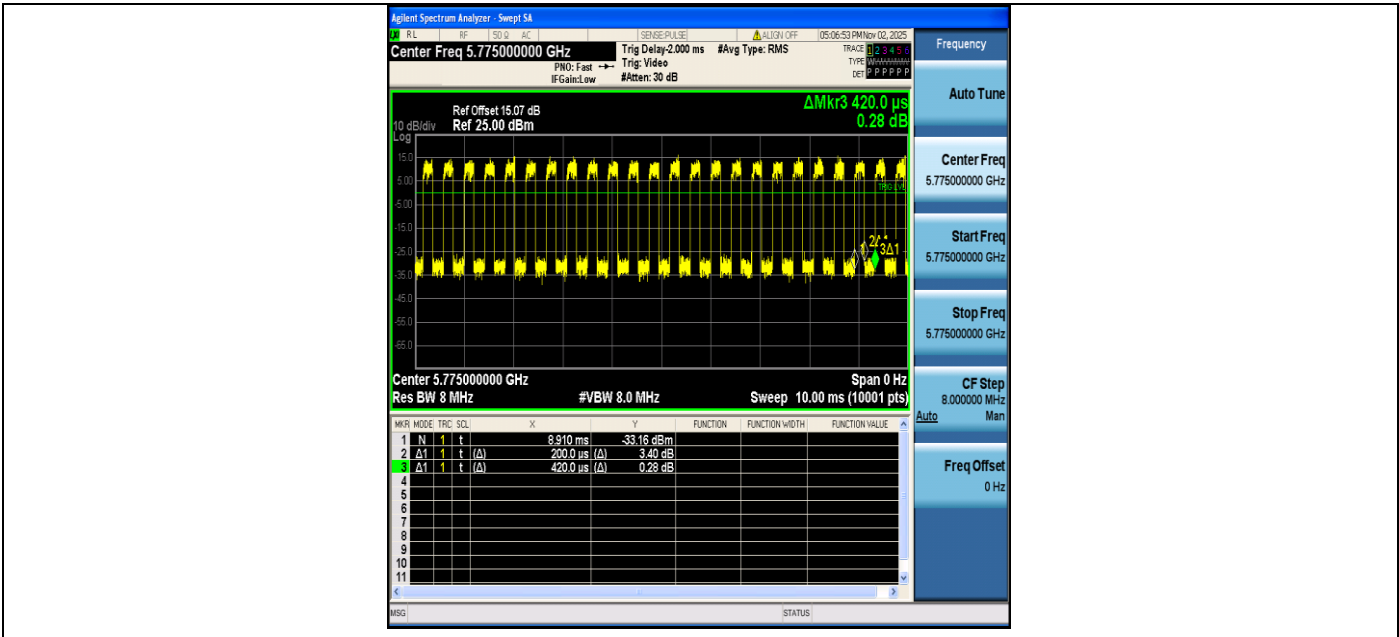
NTNV-11AX80SISO-Ant1-5530



NTNV-11AX80SISO-Ant1-5610



NTNV-11AX80SISO-Ant1-5775



Appendix E: Test result of Power Output

Mode	Channel	Frequency (MHz)	Measure result (dBm)			Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 1+2		
11A	36	5180	12.54	12.79	15.68	≤24.00	Pass
	40	5200	12.61	12.85	15.74	≤24.00	Pass
	48	5240	12.72	12.92	15.83	≤24.00	Pass
	52	5260	12.84	12.98	15.92	≤24.00	Pass
	56	5280	12.95	13.08	16.03	≤24.00	Pass
	64	5320	13.01	13.23	16.13	≤24.00	Pass
	100	5500	13.46	12.85	16.18	≤24.00	Pass
	116	5580	13.12	12.35	15.76	≤24.00	Pass
	140	5700	12.49	13.13	15.83	≤24.00	Pass
	149	5745	12.51	13.09	15.82	≤30.00	Pass
	157	5785	12.56	13.15	15.88	≤30.00	Pass
	165	5825	12.44	13.66	16.10	≤30.00	Pass
11N20	36	5180	12.93	12.86	15.91	≤24.00	Pass
	40	5200	12.88	12.75	15.83	≤24.00	Pass
	48	5240	12.82	12.69	15.76	≤24.00	Pass
	52	5260	13.05	12.88	15.98	≤24.00	Pass
	56	5280	12.74	12.62	15.69	≤24.00	Pass
	64	5320	12.83	12.74	15.80	≤24.00	Pass
	100	5500	12.87	12.96	15.93	≤24.00	Pass
	116	5580	12.96	12.74	15.86	≤24.00	Pass
	140	5700	12.84	12.96	15.91	≤24.00	Pass
	149	5745	12.39	12.54	15.48	≤30.00	Pass
	157	5785	12.51	12.68	15.61	≤30.00	Pass
	165	5825	12.63	12.94	15.80	≤30.00	Pass
11N40	38	5190	11.78	11.83	14.82	≤24.00	Pass
	46	5230	11.63	11.79	14.72	≤24.00	Pass
	54	5270	11.58	11.72	14.66	≤24.00	Pass
	62	5310	11.76	12.13	14.96	≤24.00	Pass
	102	5510	11.98	11.93	14.97	≤24.00	Pass
	110	5550	12.18	11.78	14.99	≤24.00	Pass
	134	5670	11.86	12.14	15.01	≤24.00	Pass
	151	5755	11.77	11.96	14.88	≤30.00	Pass
	159	5795	11.54	11.89	14.73	≤30.00	Pass
11AC20	36	5180	12.62	12.72	15.68	≤24.00	Pass
	40	5200	12.67	12.81	15.75	≤24.00	Pass
	48	5240	12.66	12.78	15.73	≤24.00	Pass
	52	5260	12.84	13.02	15.94	≤24.00	Pass
	56	5280	12.76	12.95	15.87	≤24.00	Pass
	64	5320	12.82	12.71	15.78	≤24.00	Pass
	100	5500	12.63	12.85	15.75	≤24.00	Pass
	116	5580	12.73	12.59	15.67	≤24.00	Pass
	140	5700	12.67	12.83	15.76	≤24.00	Pass
	149	5745	12.81	12.96	15.90	≤30.00	Pass
	157	5785	12.57	12.76	15.68	≤30.00	Pass
	165	5825	12.88	12.79	15.85	≤30.00	Pass
11AC40	38	5190	11.94	11.96	14.96	≤24.00	Pass
	46	5230	11.82	11.93	14.89	≤24.00	Pass

	54	5270	11.78	11.86	14.83	≤24.00	Pass
	62	5310	11.83	12.01	14.93	≤24.00	Pass
	102	5510	11.97	11.95	14.97	≤24.00	Pass
	110	5550	12.15	11.83	15.00	≤24.00	Pass
	134	5670	11.92	12.05	15.00	≤24.00	Pass
	151	5755	11.91	12.13	15.03	≤30.00	Pass
	159	5795	11.68	11.95	14.83	≤30.00	Pass
11AC80	42	5210	10.86	10.94	13.91	≤24.00	Pass
	58	5290	10.94	11.11	14.04	≤24.00	Pass
	106	5530	11.18	10.78	13.99	≤24.00	Pass
	122	5610	11.17	10.74	13.97	≤24.00	Pass
	155	5775	11.07	10.64	13.87	≤30.00	Pass
11AX20	36	5180	12.94	12.79	15.88	≤24.00	Pass
	40	5200	12.89	12.63	15.77	≤24.00	Pass
	48	5240	12.88	12.65	15.78	≤24.00	Pass
	52	5260	12.94	12.73	15.85	≤24.00	Pass
	56	5280	12.84	12.65	15.76	≤24.00	Pass
	64	5320	12.87	12.71	15.80	≤24.00	Pass
	100	5500	12.73	12.91	15.83	≤24.00	Pass
	116	5580	12.83	12.69	15.77	≤24.00	Pass
	140	5700	12.77	12.93	15.86	≤24.00	Pass
	149	5745	12.85	13.05	15.96	≤30.00	Pass
	157	5785	12.74	12.85	15.81	≤30.00	Pass
	165	5825	12.96	12.89	15.94	≤30.00	Pass
11AX40	38	5190	12.23	12.28	15.27	≤24.00	Pass
	46	5230	12.12	12.17	15.16	≤24.00	Pass
	54	5270	12.05	12.09	15.08	≤24.00	Pass
	62	5310	12.14	12.26	15.21	≤24.00	Pass
	102	5510	11.94	11.84	14.90	≤24.00	Pass
	110	5550	12.05	11.93	15.00	≤24.00	Pass
	134	5670	12.23	12.34	15.30	≤24.00	Pass
	151	5755	12.11	12.18	15.16	≤30.00	Pass
	159	5795	11.98	12.09	15.05	≤30.00	Pass
11AX80	42	5210	10.92	11.02	13.98	≤24.00	Pass
	58	5290	11.05	11.17	14.12	≤24.00	Pass
	106	5530	11.24	10.85	14.06	≤24.00	Pass
	122	5610	11.34	10.91	14.14	≤24.00	Pass
	155	5775	11.13	10.82	13.99	≤30.00	Pass

Part RU worse case:

Mode	Ru Size	Ru Index	Frequency (MHz)	Measure result (dBm)			Limit (dBm)	Verdict
				Ant 1	Ant 2	Ant 1+2		
11AX20	RU26	0	5180	6.90	6.45	9.69	≤24.00	Pass
		0	5260	6.17	5.83	9.01	≤24.00	Pass
		0	5500	6.29	5.95	9.13	≤24.00	Pass
		0	5745	4.78	4.02	7.43	≤30.00	Pass
	RU52	37	5180	9.01	8.18	11.63	≤24.00	Pass
		37	5260	8.20	7.65	10.94	≤24.00	Pass
		37	5500	9.25	8.44	11.87	≤24.00	Pass
		37	5745	6.63	5.96	9.32	≤30.00	Pass
	RU106	53	5180	9.97	9.03	12.54	≤24.00	Pass
		53	5260	11.25	10.46	13.88	≤24.00	Pass
		53	5500	10.50	10.04	13.29	≤24.00	Pass
		53	5745	9.70	9.22	12.48	≤30.00	Pass

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

Note 2: Measure result = Conducted Power + Duty Cycle Factor

Appendix F: Test result of Power Spectral Density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [5150~5725 dBm/MHz 5725~5850 dBm/500kHz]	Limit [5150~5725 dBm/MHz 5725~5850 dBm/500kHz]	Verdict
11A	Ant1+2	5180	3.70	≤11.00	PASS
11A	Ant1+2	5200	3.54	≤11.00	PASS
11A	Ant1+2	5240	3.81	≤11.00	PASS
11A	Ant1+2	5260	4.57	≤11.00	PASS
11A	Ant1+2	5280	4.11	≤11.00	PASS
11A	Ant1+2	5320	3.31	≤11.00	PASS
11A	Ant1+2	5500	3.21	≤11.00	PASS
11A	Ant1+2	5580	3.18	≤11.00	PASS
11A	Ant1+2	5700	3.31	≤11.00	PASS
11A	Ant1+2	5745	-0.28	≤30.00	PASS
11A	Ant1+2	5785	-0.76	≤30.00	PASS
11A	Ant1+2	5825	-0.24	≤30.00	PASS
11N20	Ant1+2	5180	3.73	≤11.00	PASS
11N20	Ant1+2	5200	4.24	≤11.00	PASS
11N20	Ant1+2	5240	4.05	≤11.00	PASS
11N20	Ant1+2	5260	4.45	≤11.00	PASS
11N20	Ant1+2	5280	4.89	≤11.00	PASS
11N20	Ant1+2	5320	4.79	≤11.00	PASS
11N20	Ant1+2	5500	3.64	≤11.00	PASS
11N20	Ant1+2	5580	3.91	≤11.00	PASS
11N20	Ant1+2	5700	4.15	≤11.00	PASS
11N20	Ant1+2	5745	1.06	≤30.00	PASS
11N20	Ant1+2	5785	0.70	≤30.00	PASS
11N20	Ant1+2	5825	0.67	≤30.00	PASS
11N40	Ant1+2	5190	1.68	≤11.00	PASS
11N40	Ant1+2	5230	0.47	≤11.00	PASS
11N40	Ant1+2	5270	0.87	≤11.00	PASS
11N40	Ant1+2	5310	1.13	≤11.00	PASS
11N40	Ant1+2	5510	0.44	≤11.00	PASS
11N40	Ant1+2	5550	0.75	≤11.00	PASS
11N40	Ant1+2	5670	-0.43	≤11.00	PASS
11N40	Ant1+2	5755	-4.00	≤30.00	PASS
11N40	Ant1+2	5795	-3.27	≤30.00	PASS
11AC20	Ant1+2	5180	2.05	≤11.00	PASS
11AC20	Ant1+2	5200	2.10	≤11.00	PASS
11AC20	Ant1+2	5240	2.50	≤11.00	PASS
11AC20	Ant1+2	5260	2.92	≤11.00	PASS
11AC20	Ant1+2	5280	3.09	≤11.00	PASS
11AC20	Ant1+2	5320	3.37	≤11.00	PASS
11AC20	Ant1+2	5500	4.53	≤11.00	PASS
11AC20	Ant1+2	5580	3.15	≤11.00	PASS
11AC20	Ant1+2	5700	2.37	≤11.00	PASS
11AC20	Ant1+2	5745	-0.76	≤30.00	PASS
11AC20	Ant1+2	5785	-1.36	≤30.00	PASS

11AC20	Ant1+2	5825	-1.02	≤30.00	PASS
11AC40	Ant1+2	5190	0.16	≤11.00	PASS
11AC40	Ant1+2	5230	-0.61	≤11.00	PASS
11AC40	Ant1+2	5270	-0.25	≤11.00	PASS
11AC40	Ant1+2	5310	0.19	≤11.00	PASS
11AC40	Ant1+2	5510	1.46	≤11.00	PASS
11AC40	Ant1+2	5550	1.29	≤11.00	PASS
11AC40	Ant1+2	5670	0.44	≤11.00	PASS
11AC40	Ant1+2	5755	-3.95	≤30.00	PASS
11AC40	Ant1+2	5795	-3.45	≤30.00	PASS
11AC80	Ant1+2	5210	-6.84	≤11.00	PASS
11AC80	Ant1+2	5290	-7.53	≤11.00	PASS
11AC80	Ant1+2	5530	-4.82	≤11.00	PASS
11AC80	Ant1+2	5610	-4.50	≤11.00	PASS
11AC80	Ant1+2	5775	-9.87	≤30.00	PASS
11AX20	Ant1+2	5180	4.00	≤11.00	PASS
11AX20	Ant1+2	5200	3.71	≤11.00	PASS
11AX20	Ant1+2	5240	3.03	≤11.00	PASS
11AX20	Ant1+2	5260	3.47	≤11.00	PASS
11AX20	Ant1+2	5280	3.65	≤11.00	PASS
11AX20	Ant1+2	5320	3.09	≤11.00	PASS
11AX20	Ant1+2	5500	3.96	≤11.00	PASS
11AX20	Ant1+2	5580	4.11	≤11.00	PASS
11AX20	Ant1+2	5700	2.69	≤11.00	PASS
11AX20	Ant1+2	5745	-0.30	≤30.00	PASS
11AX20	Ant1+2	5785	-0.51	≤30.00	PASS
11AX20	Ant1+2	5825	-0.29	≤30.00	PASS
11AX40	Ant1+2	5190	-0.01	≤11.00	PASS
11AX40	Ant1+2	5230	-0.87	≤11.00	PASS
11AX40	Ant1+2	5270	0.26	≤11.00	PASS
11AX40	Ant1+2	5310	0.04	≤11.00	PASS
11AX40	Ant1+2	5510	1.65	≤11.00	PASS
11AX40	Ant1+2	5550	1.17	≤11.00	PASS
11AX40	Ant1+2	5670	0.65	≤11.00	PASS
11AX40	Ant1+2	5755	-2.71	≤30.00	PASS
11AX40	Ant1+2	5795	-3.14	≤30.00	PASS
11AX80	Ant1+2	5210	-5.10	≤11.00	PASS
11AX80	Ant1+2	5290	-4.98	≤11.00	PASS
11AX80	Ant1+2	5530	-5.87	≤11.00	PASS
11AX80	Ant1+2	5610	-5.89	≤11.00	PASS
11AX80	Ant1+2	5775	-11.65	≤30.00	PASS

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

Note 2: The Duty Cycle Factor and RBW 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: $MIMO\ Limit = limit - (Directional\ gain - 6dB)$

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

Part RU worse case:

Test Mode	Antenna	Frequency[MHz]	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20	Ant1+2	5180	26Tone	RU0	3.43	≤11.00	PASS
11AX20	Ant1+2	5180	52Tone	RU37	3.85	≤11.00	PASS
11AX20	Ant1+2	5180	106Tone	RU53	2.13	≤11.00	PASS
11AX20	Ant1+2	5260	26Tone	RU0	3.26	≤11.00	PASS
11AX20	Ant1+2	5260	52Tone	RU37	2.69	≤11.00	PASS
11AX20	Ant1+2	5260	106Tone	RU53	2.77	≤11.00	PASS
11AX20	Ant1+2	5500	26Tone	RU0	3.84	≤11.00	PASS
11AX20	Ant1+2	5500	52Tone	RU37	3.71	≤11.00	PASS
11AX20	Ant1+2	5500	106Tone	RU53	3.57	≤11.00	PASS
11AX20	Ant1+2	5745	26Tone	RU0	-1.47	≤30.00	PASS
11AX20	Ant1+2	5745	52Tone	RU37	-2.17	≤30.00	PASS
11AX20	Ant1+2	5745	106Tone	RU53	-0.95	≤30.00	PASS

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

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

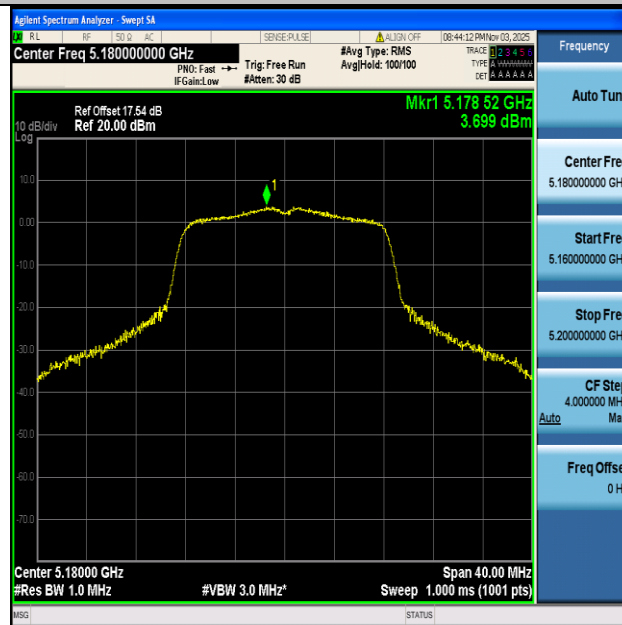
Note 3: The MIMO PSD is calculate form SISO PSD, which is tight than real result: $MIMO\ PSD = SISO\ PSD + 10\log(n) = SISO\ PSD + 3.01$ $n =$ chain number.

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

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

Test Graphs

11A-Ant1-5180-PASS



11A-Ant1-5200-PASS



11A-Ant1-5240-PASS



11A-Ant1-5260-PASS



11A-Ant1-5280-PASS



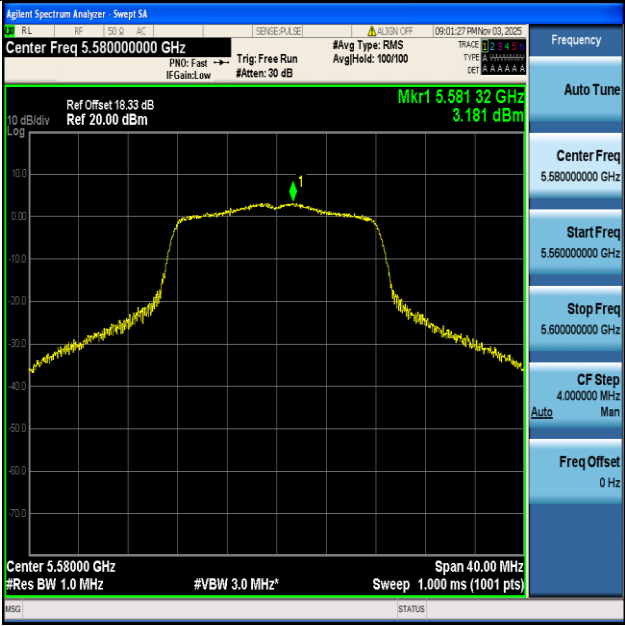
11A-Ant1-5320-PASS



11A-Ant1-5500-PASS



11A-Ant1-5580-PASS



11A-Ant1-5700-PASS



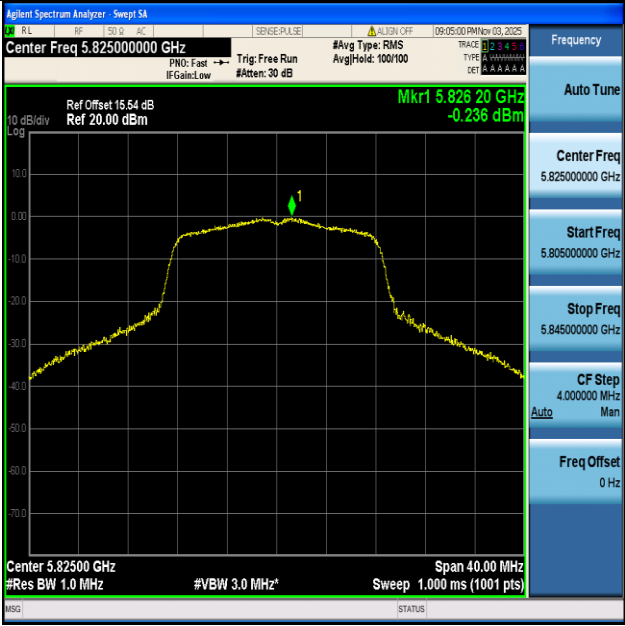
11A-Ant1-5745-PASS



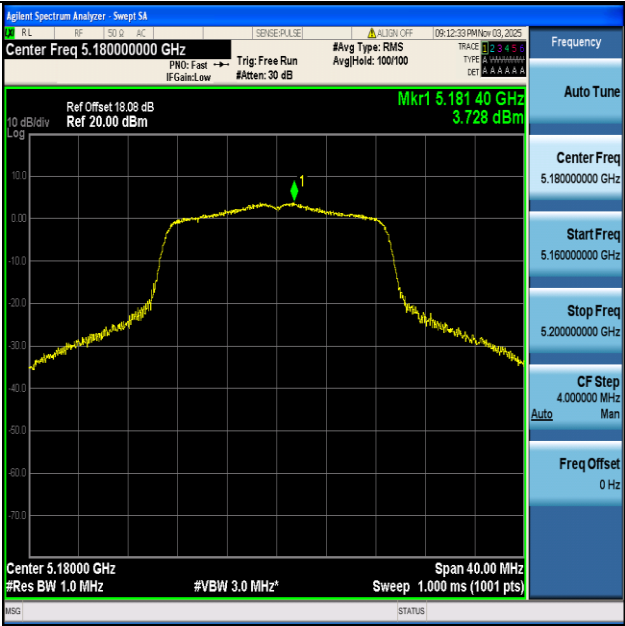
11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



11N20SISO-Ant1-5180-PASS



11N20SISO-Ant1-5200-PASS



11N20SISO-Ant1-5240-PASS



11N20SISO-Ant1-5260-PASS



11N20SISO-Ant1-5280-PASS



11N20SISO-Ant1-5320-PASS



11N20SISO-Ant1-5500-PASS



11N20SISO-Ant1-5580-PASS



11N20SISO-Ant1-5700-PASS



11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5190-PASS