

Case No. : <u>GTS20251018005-2-04</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.10.24-2025.11.17</u> Test Engineer: <u>Evan ouyang</u>

Appendix F.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	25.320	5487.000	5512.320	---	---
		5580	27.480	5564.880	5592.360	---	---
		5700	27.080	5686.680	5713.760	---	---
11N20SISO	Ant1	5500	27.160	5486.640	5513.800	---	---
		5580	26.320	5566.720	5593.040	---	---
		5700	29.040	5686.040	5715.080	---	---
11N40SISO	Ant1	5510	46.560	5487.120	5533.680	---	---
		5590	59.680	5565.280	5624.960	---	---
		5670	47.920	5645.280	5693.200	---	---
11AC20SISO	Ant1	5500	26.200	5486.680	5512.880	---	---
		5580	28.200	5564.640	5592.840	---	---
		5700	28.440	5685.640	5714.080	---	---
11AC40SISO	Ant1	5510	48.720	5485.280	5534.000	---	---
		5590	47.840	5566.000	5613.840	---	---
		5670	48.080	5646.160	5694.240	---	---
11AC80SISO	Ant1	5530	100.960	5475.600	5576.560	---	---
		5610	118.400	5553.360	5671.760	---	---
11AX20SISO	Ant1	5500	25.360	5487.400	5512.760	---	---
		5580	24.960	5567.280	5592.240	---	---
		5700	25.840	5687.040	5712.880	---	---
11AX40SISO	Ant1	5510	46.480	5487.200	5533.680	---	---
		5590	45.600	5567.600	5613.200	---	---
		5670	46.000	5647.280	5693.280	---	---
11AX80SISO	Ant1	5530	86.240	5486.800	5573.040	---	---
		5610	89.600	5566.320	5655.920	---	---

Test Graphs

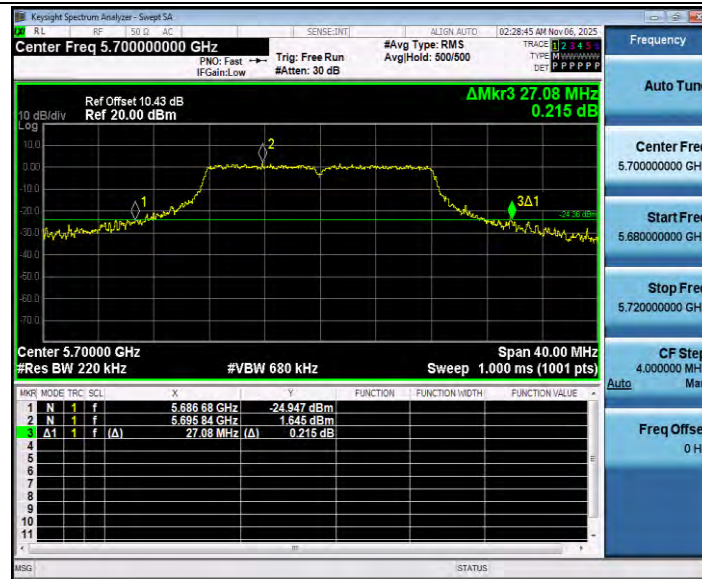
11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



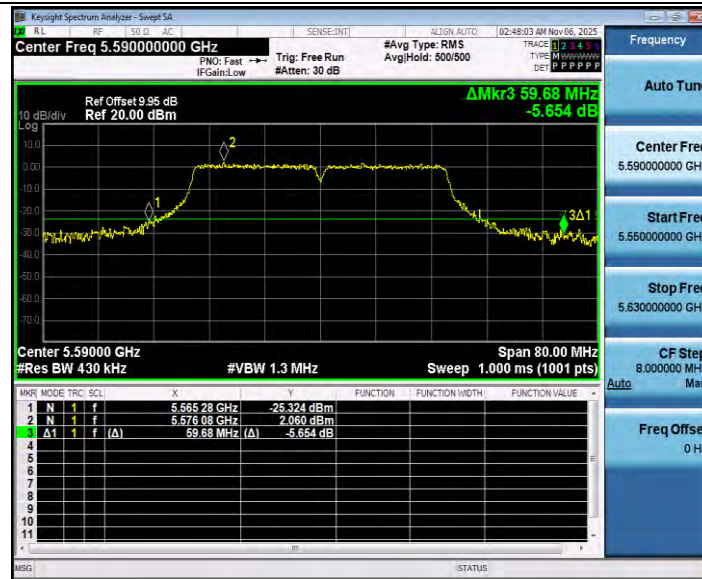
11N20SISO_Ant1_5700



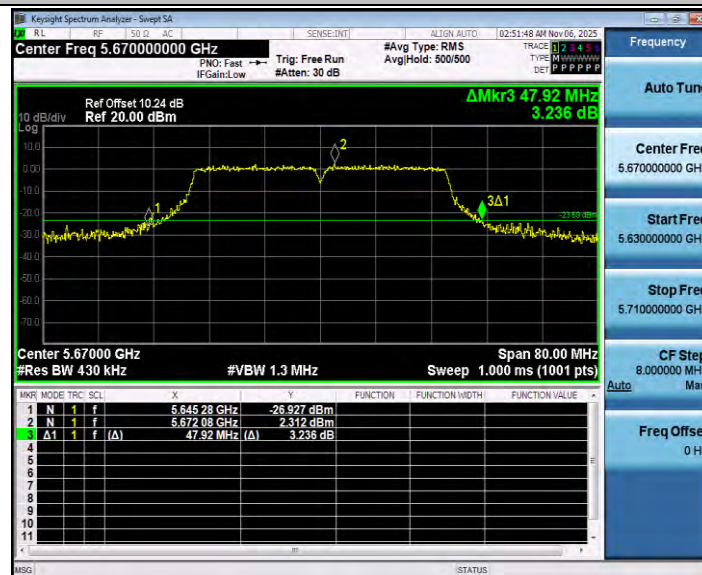
11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



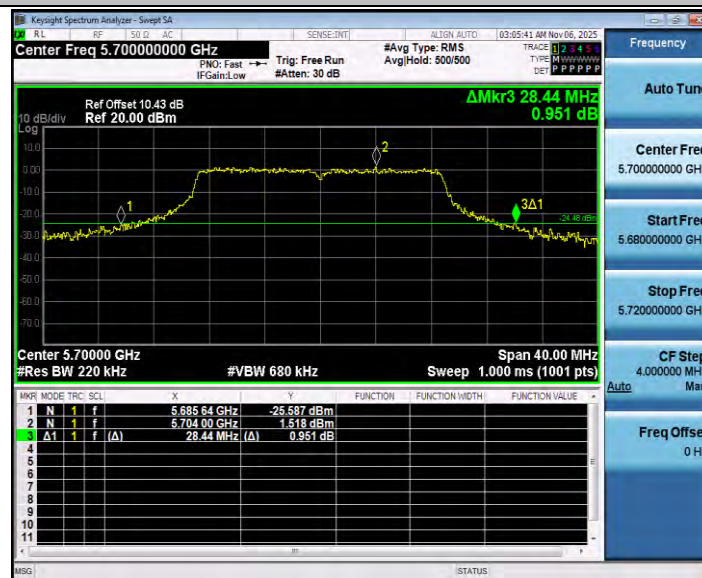
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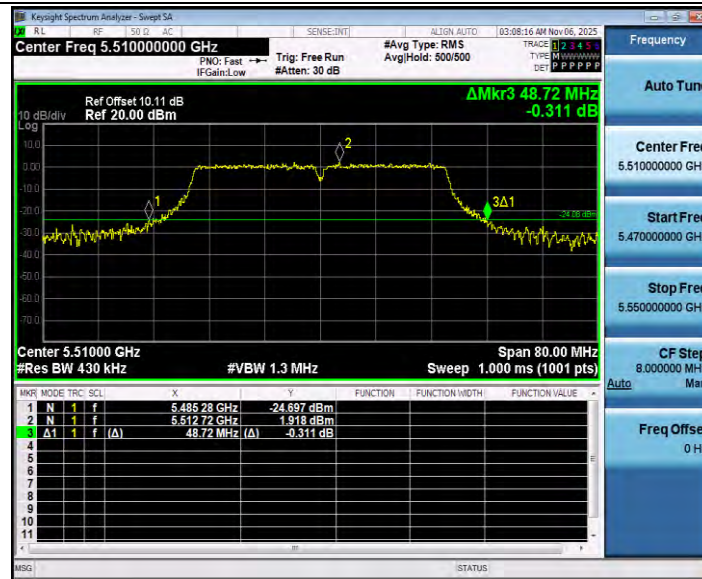
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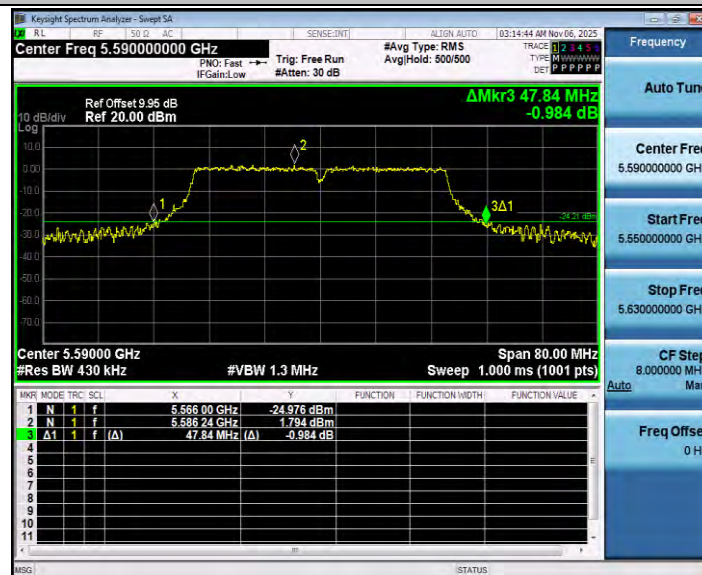
11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80ISO_Ant1_5530



11AX80ISO_Ant1_5610



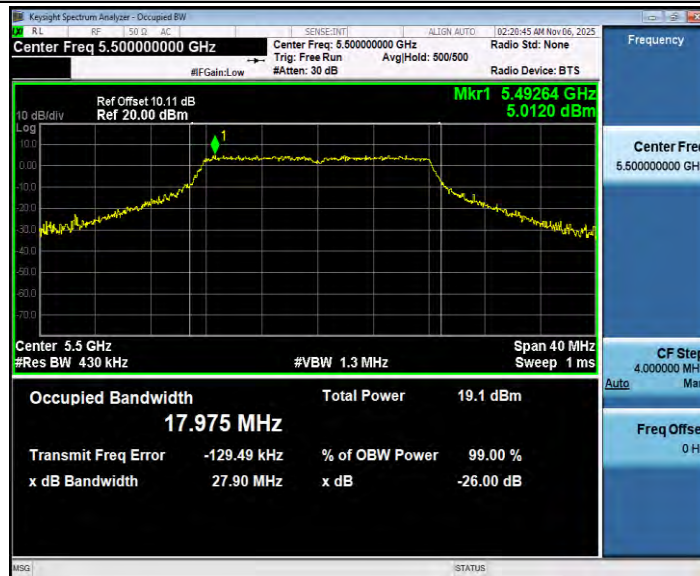
Appendix F.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	17.975	5490.8830	5508.8580	---	---
		5580	18.019	5570.8529	5588.8719	---	---
		5700	18.216	5690.6656	5708.8816	---	---
11N20SISO	Ant1	5500	19.073	5490.4072	5509.4802	---	---
		5580	19.105	5570.3408	5589.4458	---	---
		5700	19.199	5690.2384	5709.4374	---	---
11N40SISO	Ant1	5510	37.704	5491.1154	5528.8194	---	---
		5590	37.644	5571.1254	5608.7694	---	---
		5670	37.527	5651.2590	5688.7860	---	---
11AC20SISO	Ant1	5500	19.093	5490.4408	5509.5338	---	---
		5580	19.019	5570.4632	5589.4822	---	---
		5700	19.102	5690.3099	5709.4119	---	---
11AC40SISO	Ant1	5510	37.747	5491.1173	5528.8643	---	---
		5590	37.760	5571.0522	5608.8122	---	---
		5670	37.720	5651.1817	5688.9017	---	---
11AC80SISO	Ant1	5530	77.045	5491.5411	5568.5861	---	---
		5610	77.566	5571.3049	5648.8709	---	---
11AX20SISO	Ant1	5500	19.671	5490.1687	5509.8397	---	---
		5580	19.644	5570.1910	5589.8350	---	---
		5700	19.665	5690.1154	5709.7804	---	---
11AX40SISO	Ant1	5510	38.661	5490.6880	5529.3490	---	---
		5590	38.481	5570.7447	5609.2257	---	---
		5670	38.441	5650.8204	5689.2614	---	---
11AX80SISO	Ant1	5530	78.147	5490.8683	5569.0153	---	---
		5610	78.669	5570.7539	5649.4229	---	---

Test Graphs

11A_Ant1_5500



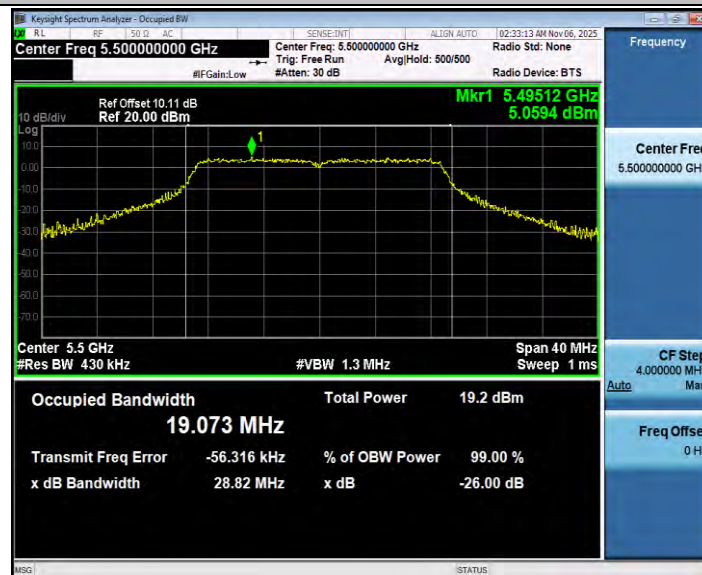
11A_Ant1_5580



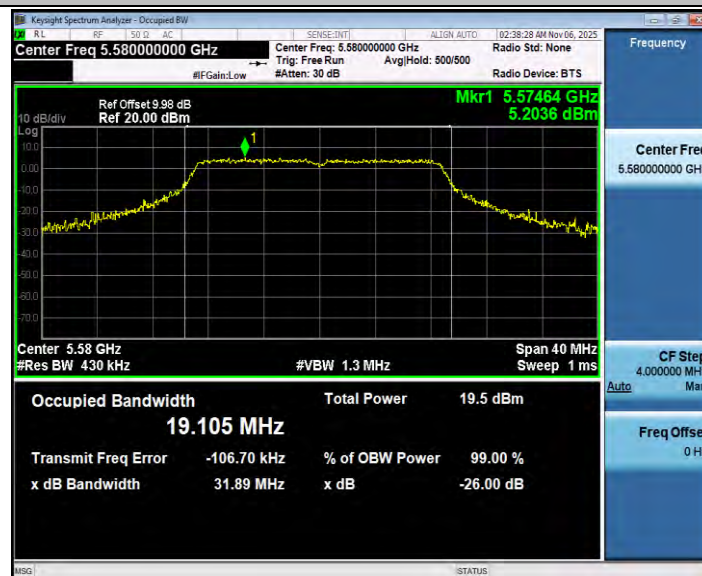
11A_Ant1_5700



11N20SISO_Ant1_5500



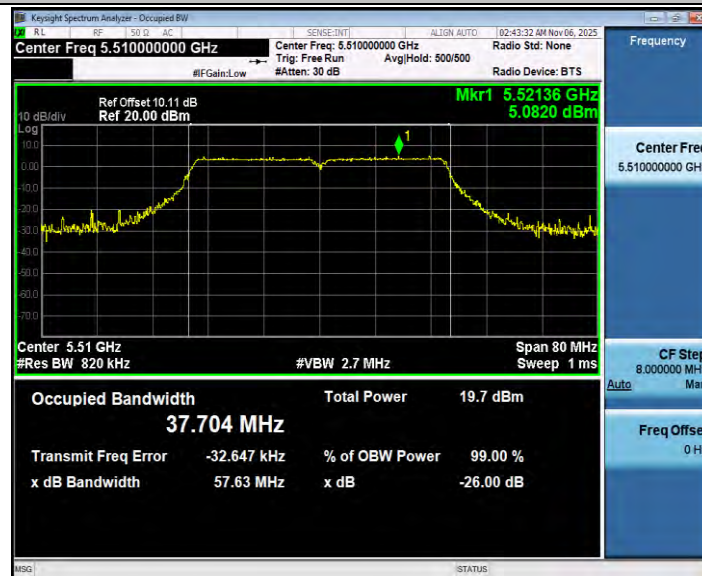
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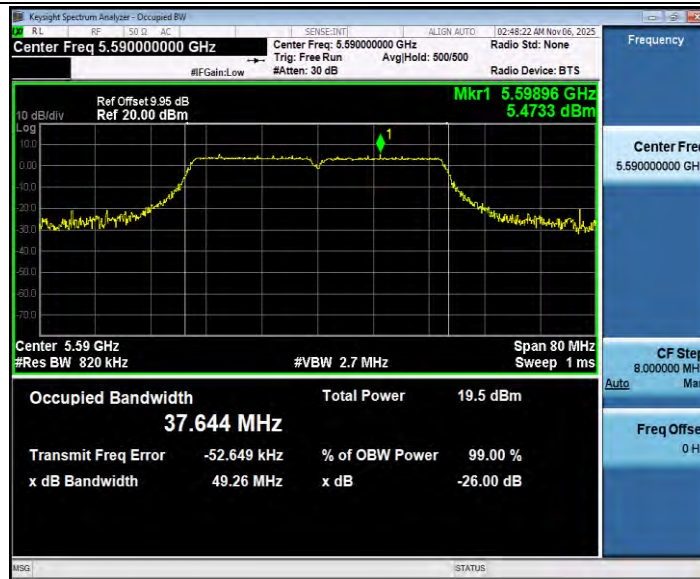
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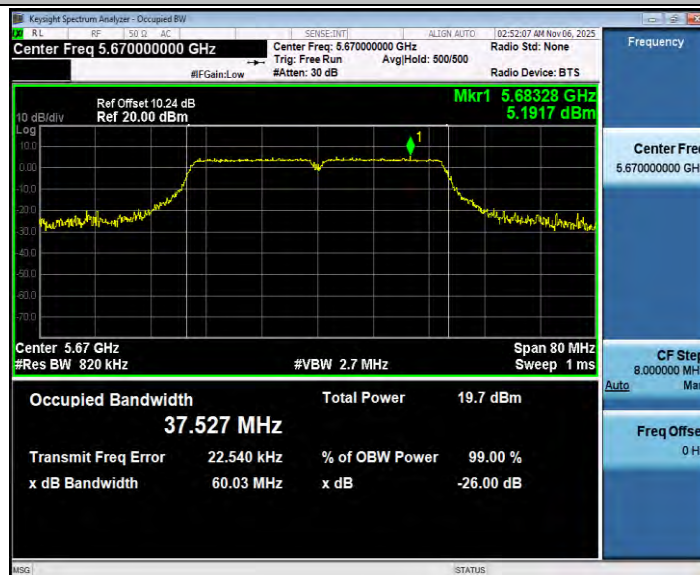
11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



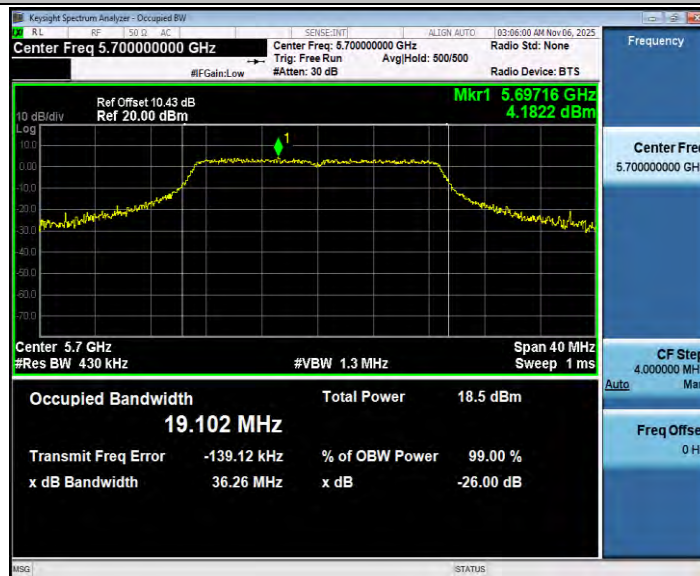
11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



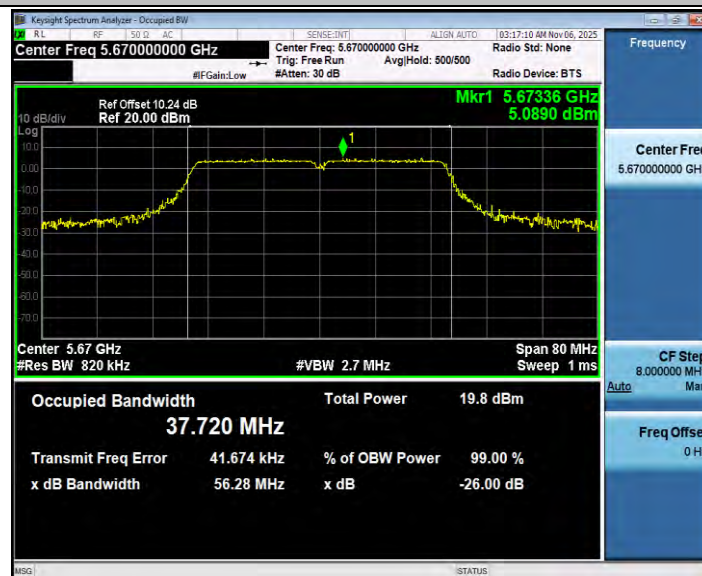
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11AC40SISO_Ant1_5590



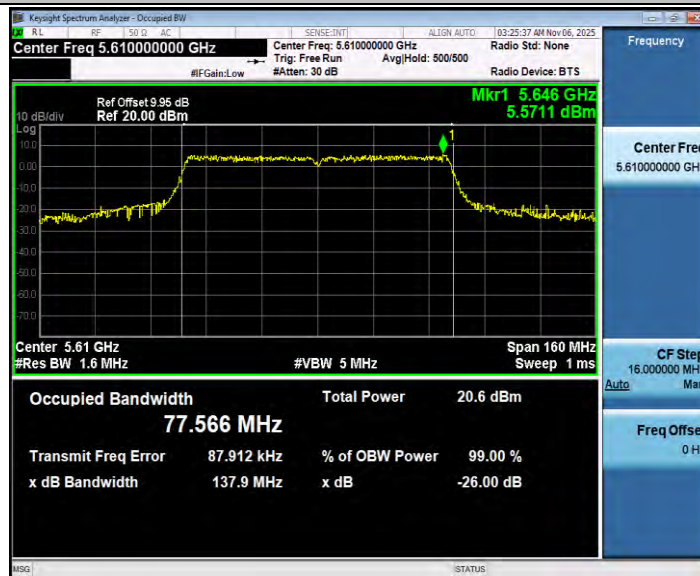
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



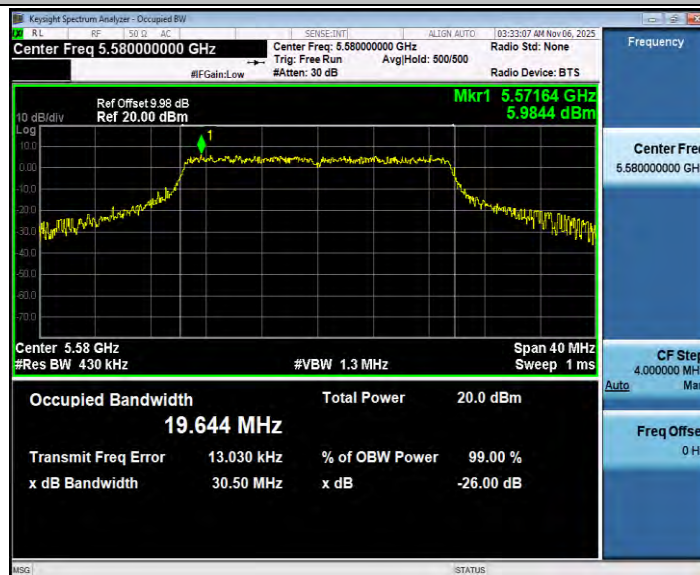
11AC80SISO_Ant1_5610



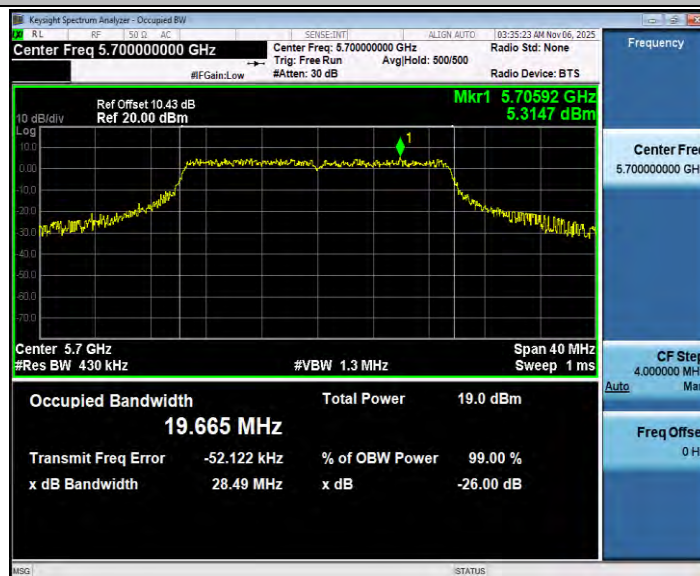
11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



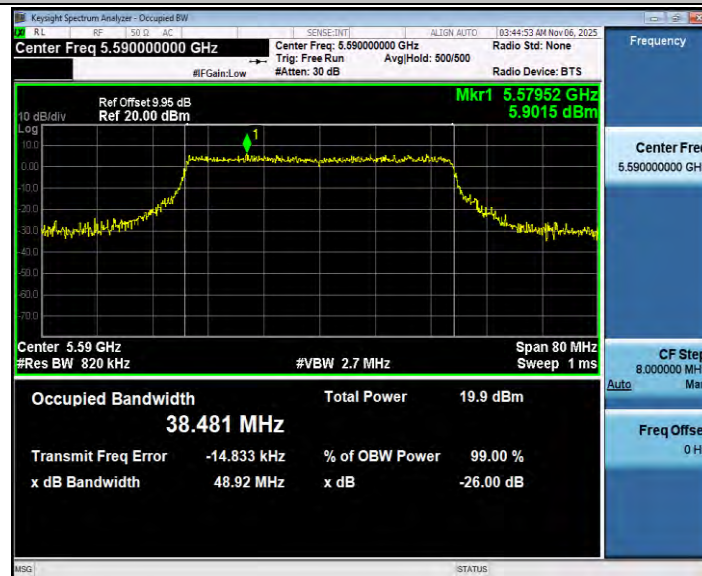
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11AX40SISO_Ant1_5510



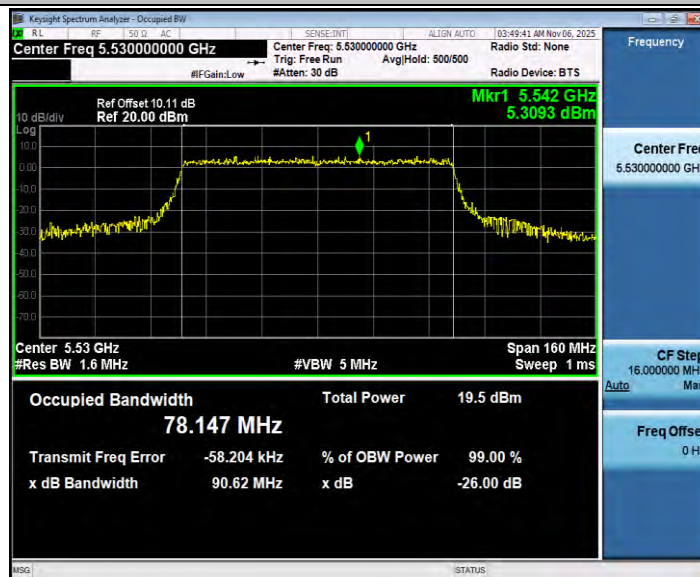
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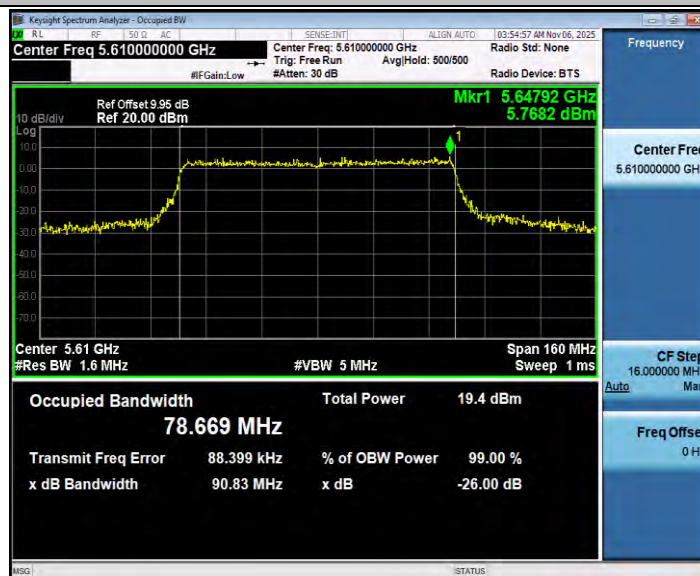
11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

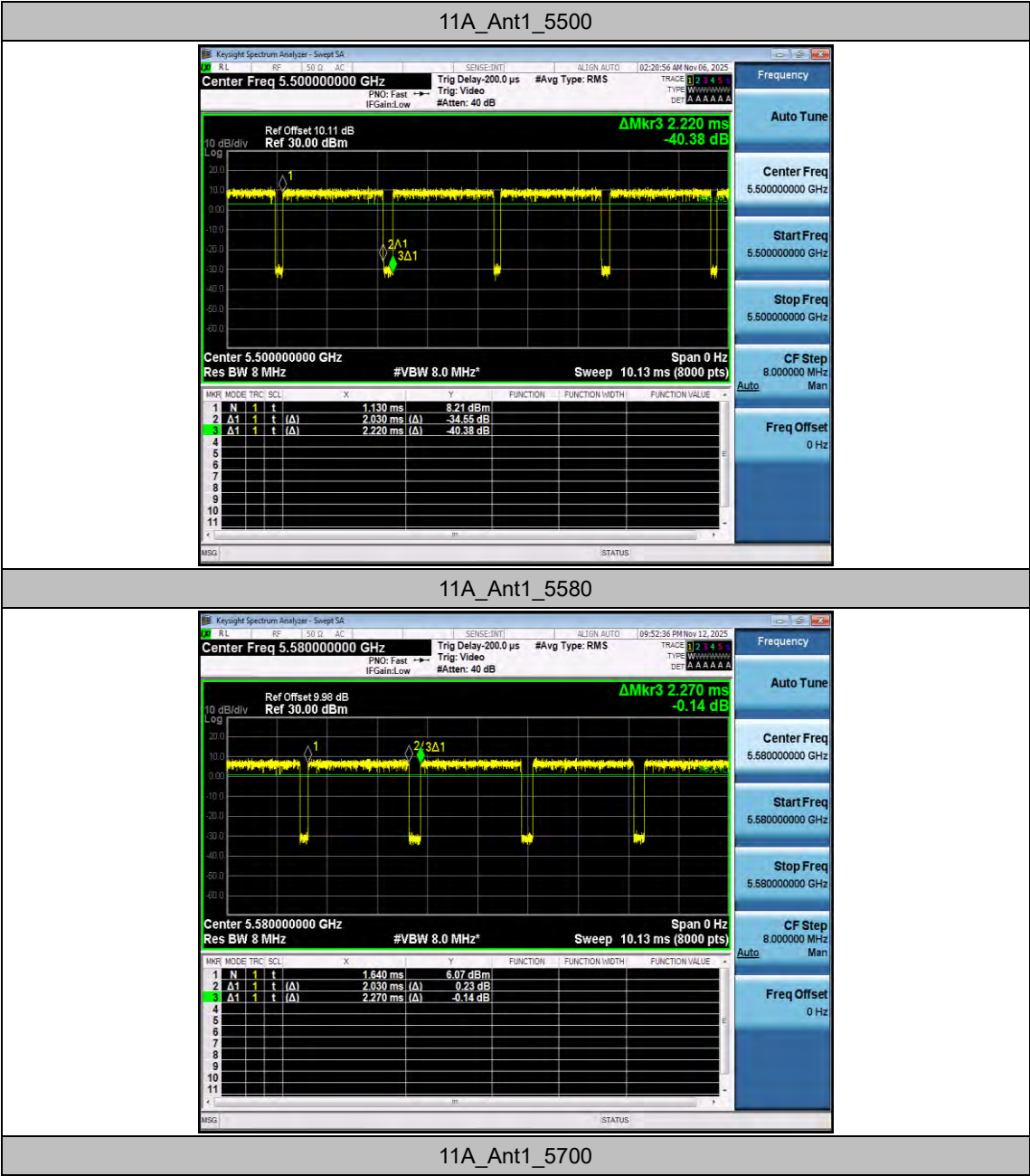


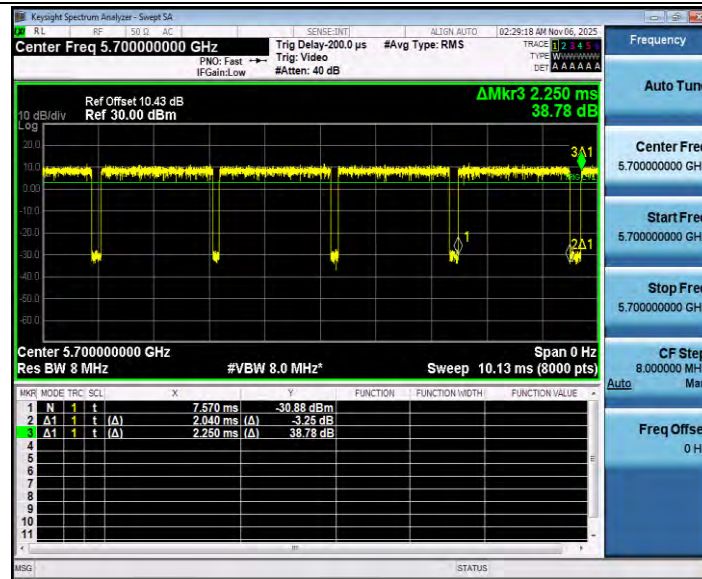
Appendix F.3: Duty Cycle

Test Result

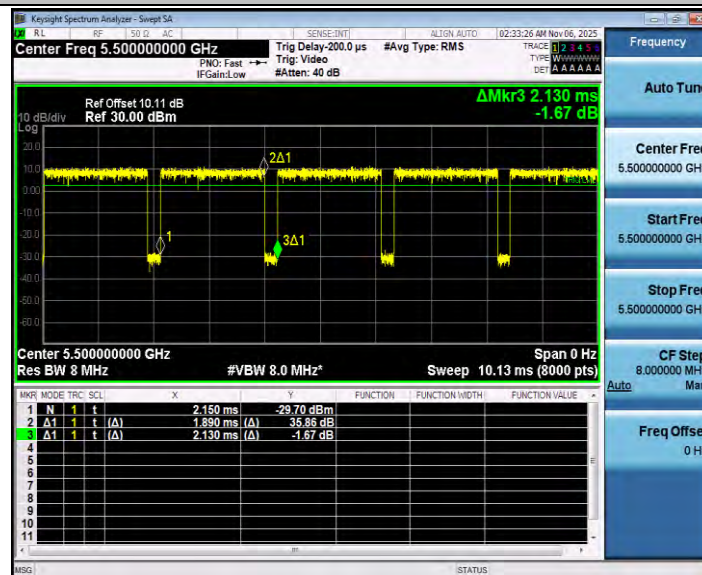
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	2.03	2.22	91.44	0.39	0.49
		5580	2.03	2.27	89.43	0.49	0.49
		5700	2.04	2.25	90.67	0.43	0.49
11N20SISO	Ant1	5500	1.89	2.13	88.73	0.52	0.53
		5580	1.89	2.11	89.57	0.48	0.53
		5700	1.89	2.11	89.57	0.48	0.53
11N40SISO	Ant1	5510	0.93	1.42	65.49	1.84	1.08
		5590	0.94	1.16	81.03	0.91	1.06
		5670	0.93	1.15	80.87	0.92	1.08
11AC20SISO	Ant1	5500	1.90	2.10	90.48	0.43	0.53
		5580	1.90	2.09	90.91	0.41	0.53
		5700	1.90	2.08	91.35	0.39	0.53
11AC40SISO	Ant1	5510	0.93	1.43	65.03	1.87	1.08
		5590	0.94	1.16	81.03	0.91	1.06
		5670	0.94	1.18	79.66	0.99	1.06
11AC80SISO	Ant1	5530	0.45	0.92	48.91	3.11	2.22
		5610	0.45	0.68	66.18	1.79	2.22
11AX20SISO	Ant1	5500	1.46	1.65	88.48	0.53	0.68
		5580	1.46	1.65	88.48	0.53	0.68
		5700	1.46	1.66	87.95	0.56	0.68
11AX40SISO	Ant1	5510	0.76	1.00	76.00	1.19	1.32
		5590	0.76	1.00	76.00	1.19	1.32
		5670	0.76	1.00	76.00	1.19	1.32
11AX80SISO	Ant1	5530	0.39	0.88	44.32	3.53	2.56
		5610	0.39	0.62	62.90	2.01	2.56

Test Graphs

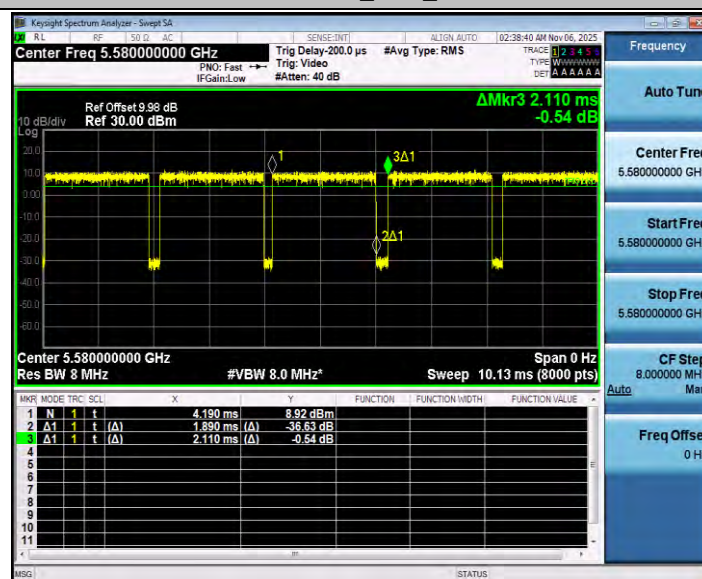




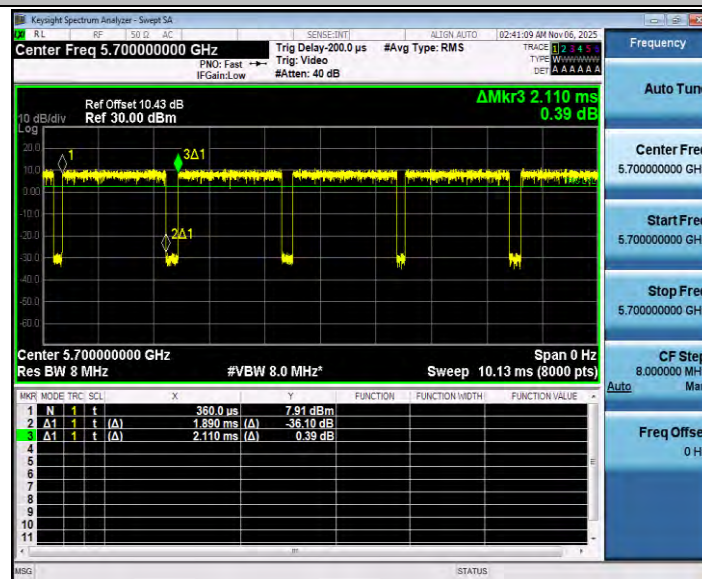
11N20SISO_Ant1_5500



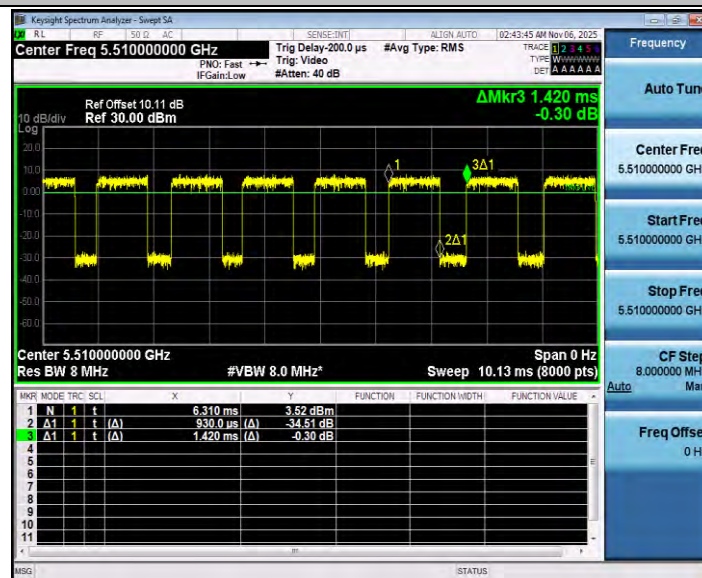
11N20SISO_Ant1_5580



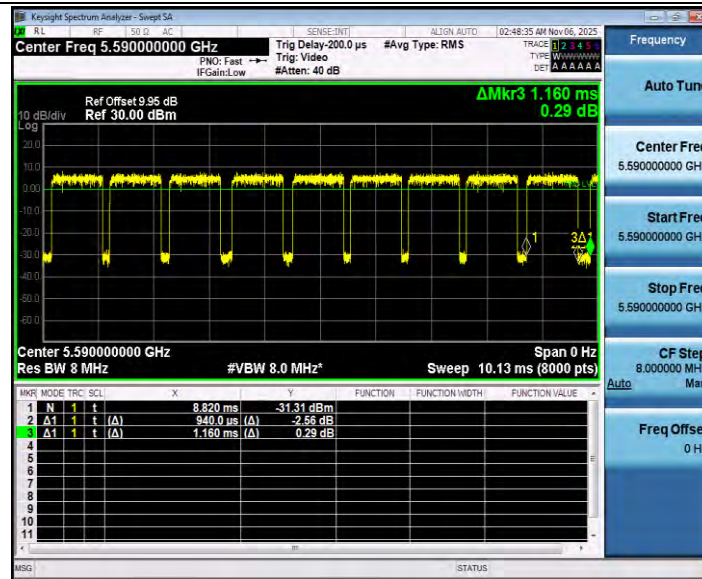
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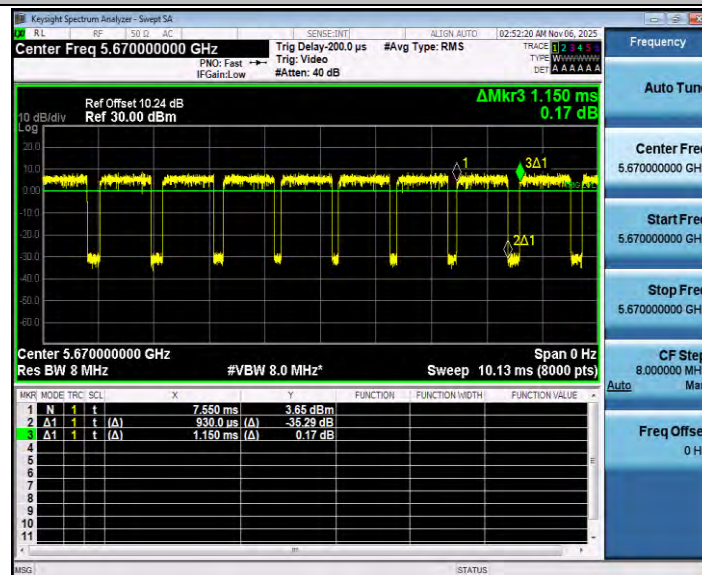
11N40SISO_Ant1_5510



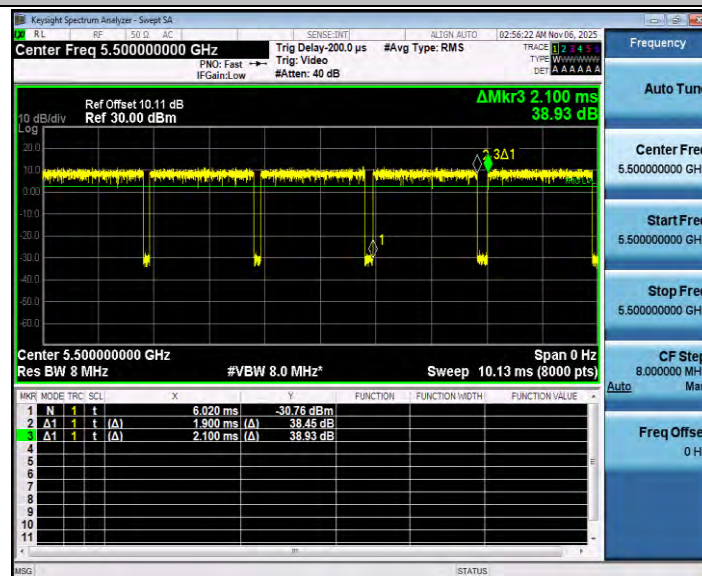
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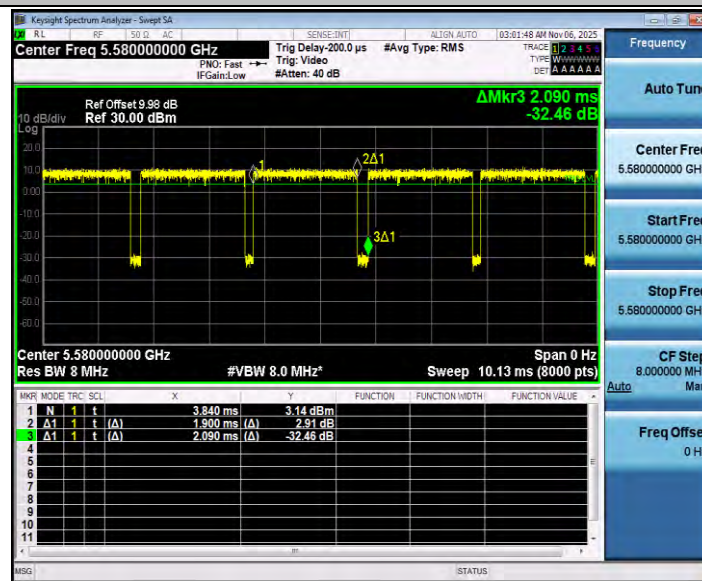
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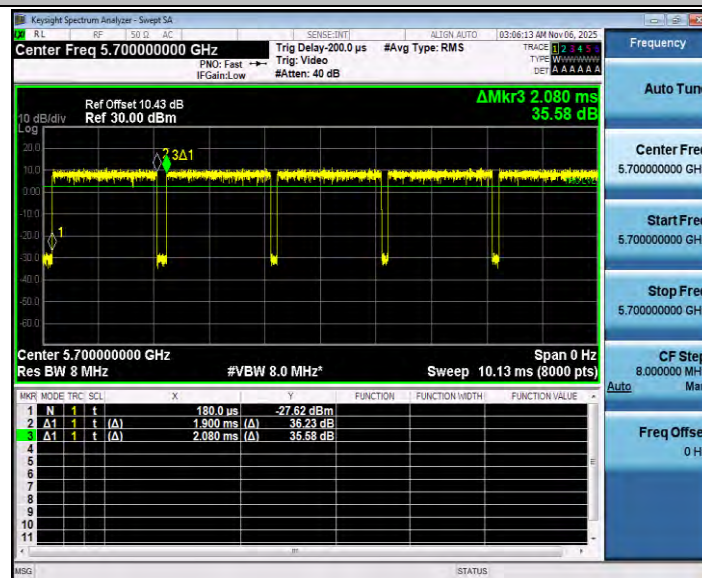
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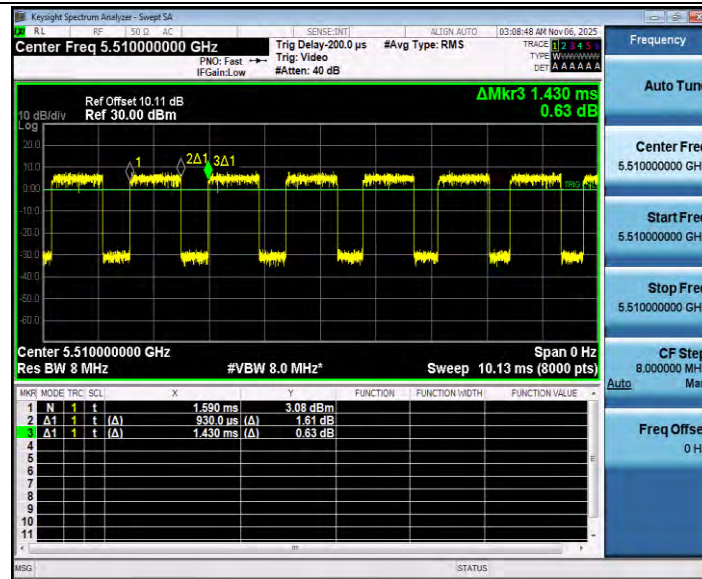
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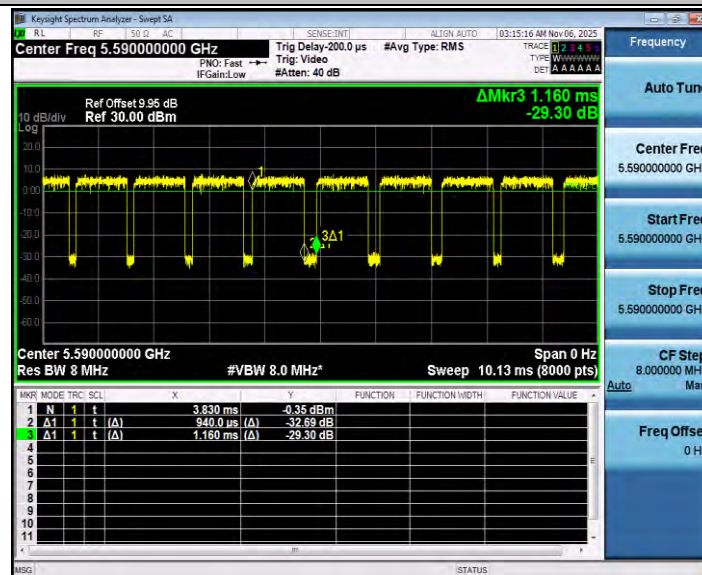
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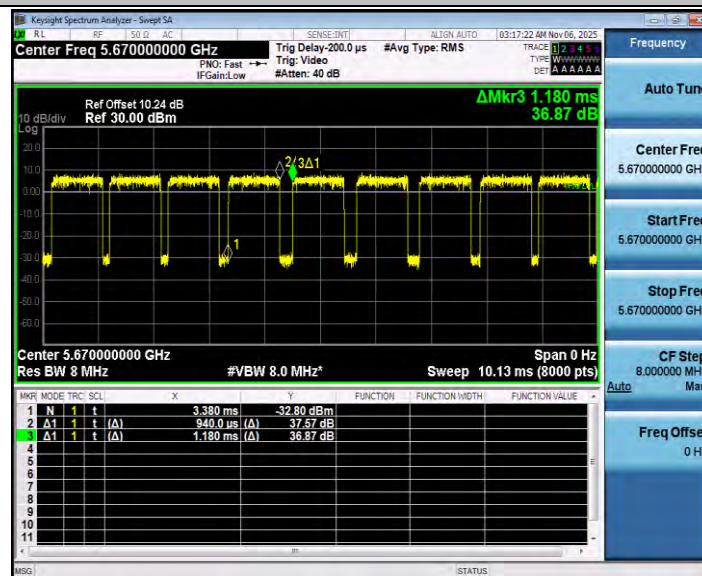
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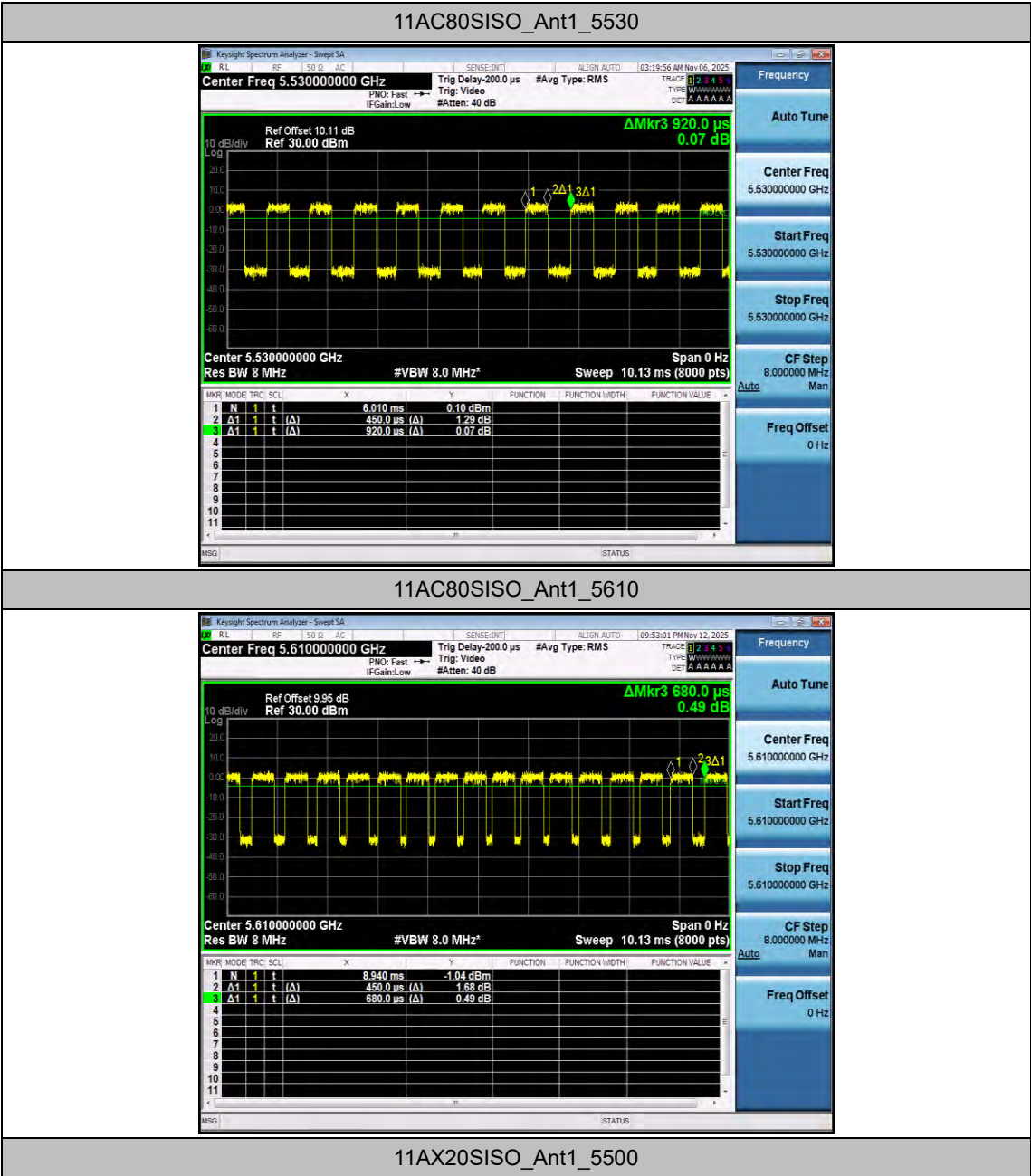


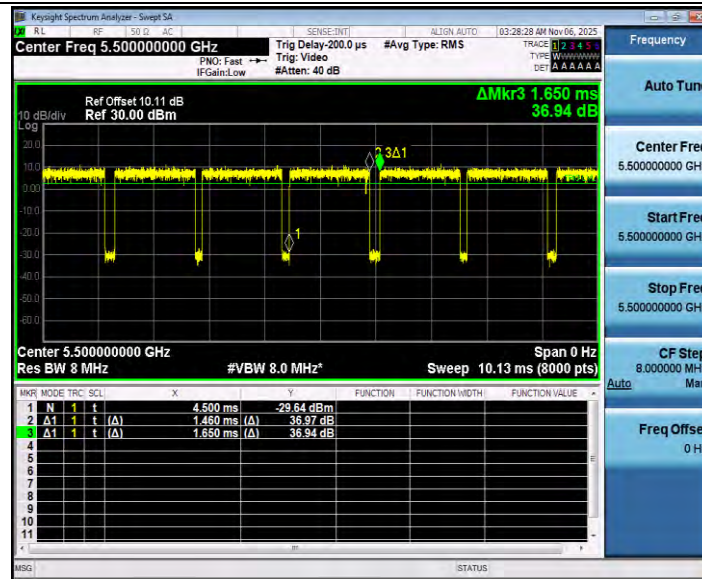
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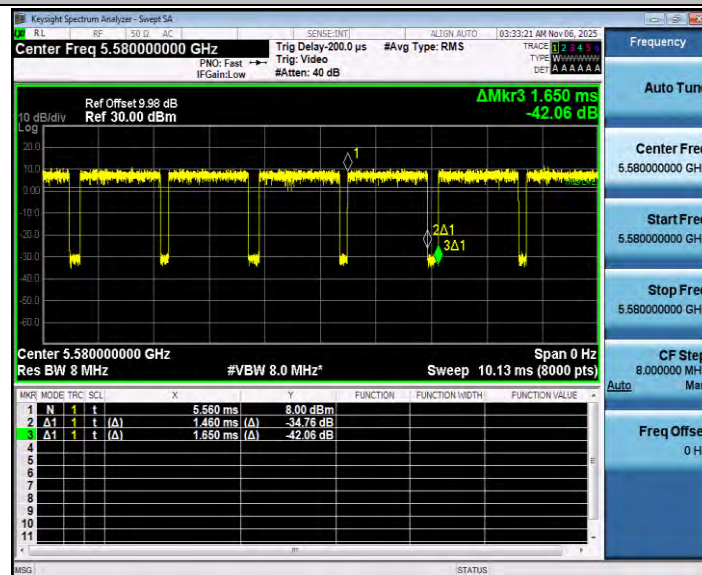
11AC40SISO_Ant1_5670



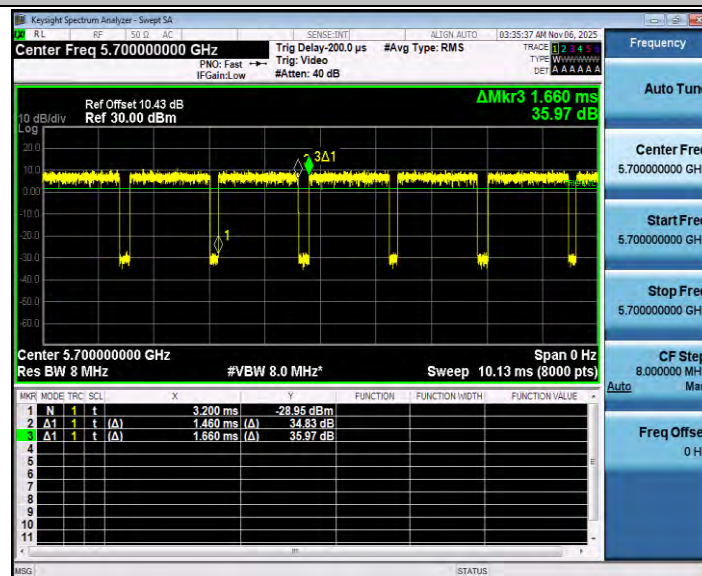


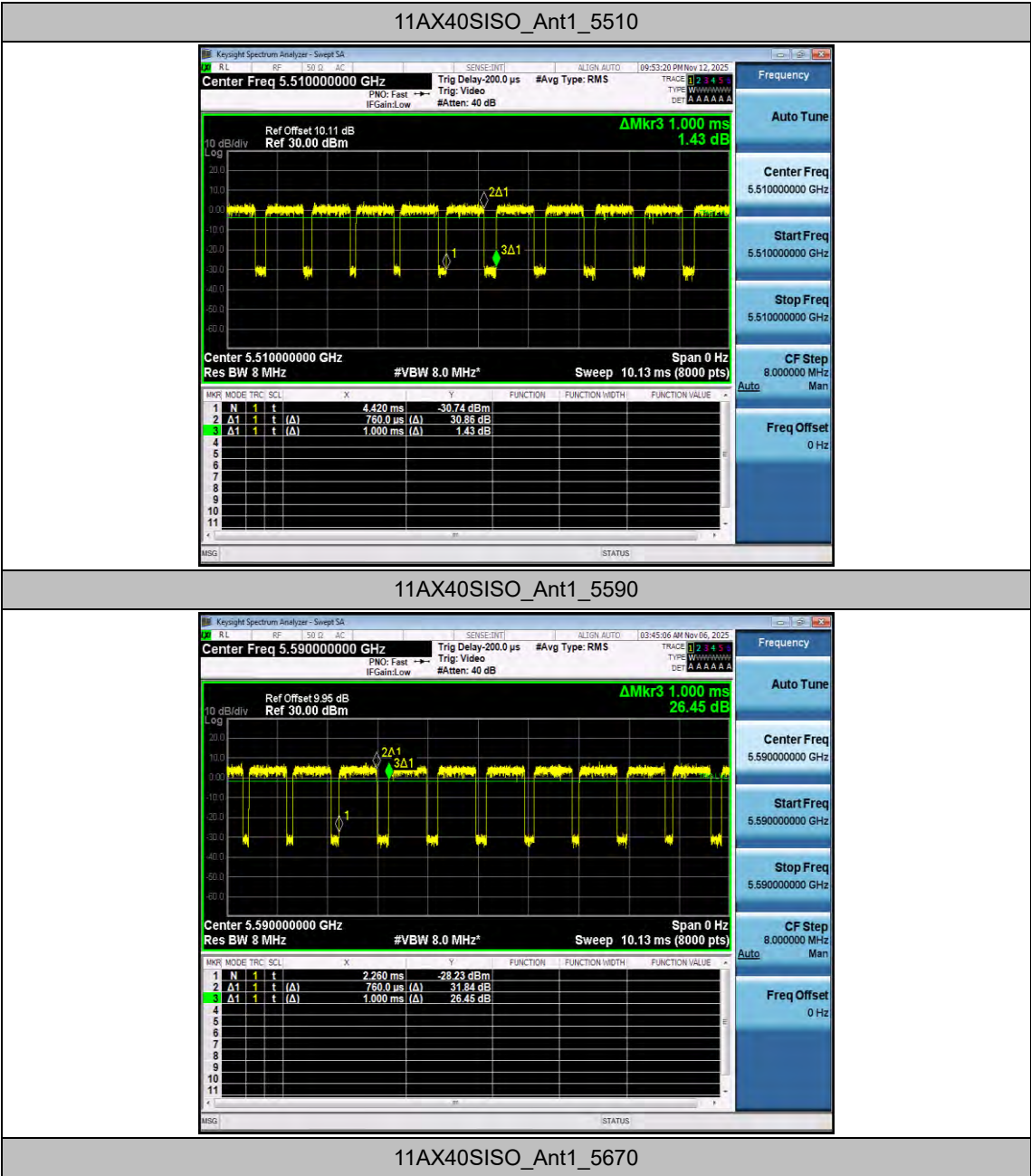


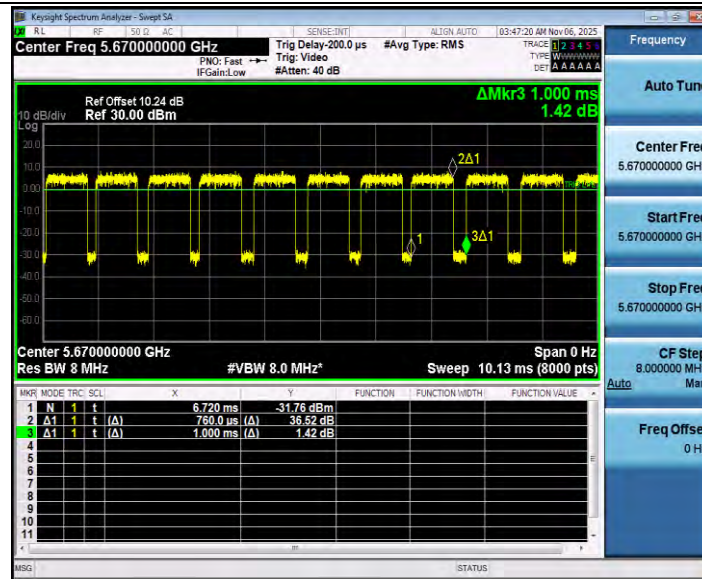
11AX20SISO_Ant1_5580



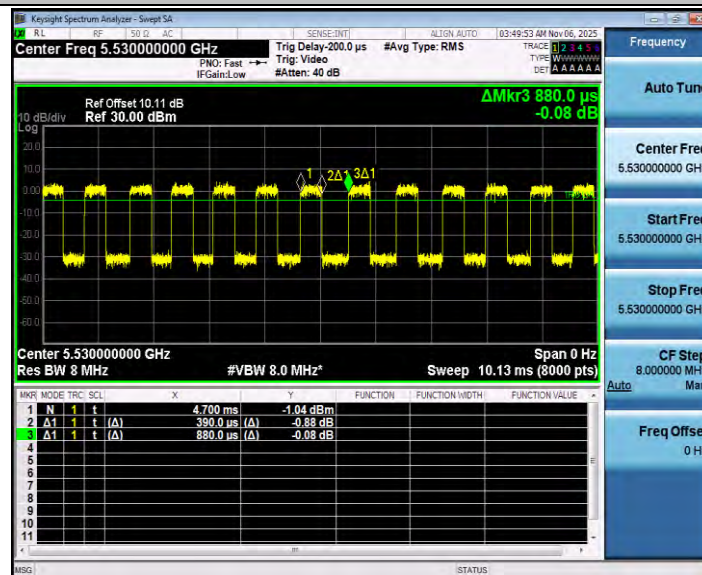
11AX20SISO_Ant1_5700







11AX80ISO_Ant1_5530



11AX80ISO_Ant1_5610

