

Case No. : <u>GTS20231018011-1-41</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH
According Standard: ■Part15E
Test Date: <u>2023.12.26</u> Test Engineer: <u>Evan ouyang</u>

Appendix F.1: Emission Bandwidth

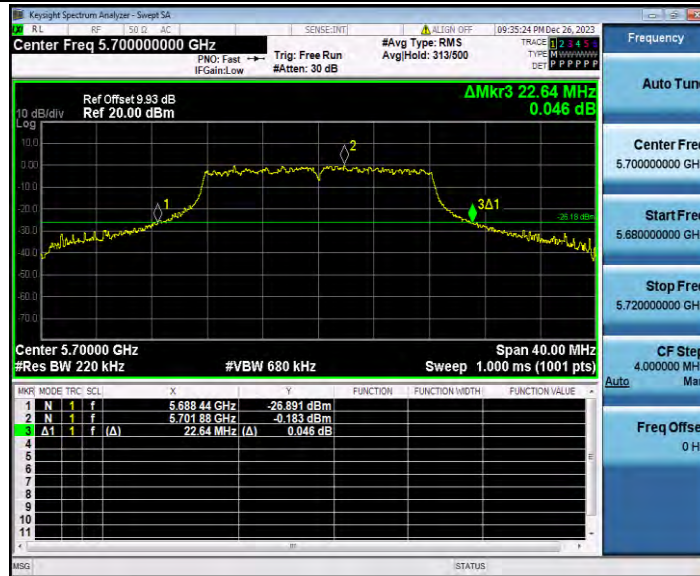
Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	22.880	5488.480	5511.360	---	---
		5600	22.640	5588.520	5611.160	---	---
		5700	22.640	5688.440	5711.080	---	---
11N20SISO	Ant1	5500	23.240	5488.720	5511.960	---	---
		5600	24.160	5587.280	5611.440	---	---
		5700	23.320	5688.440	5711.760	---	---
11N40SISO	Ant1	5510	39.680	5490.400	5530.080	---	---
		5590	40.000	5570.080	5610.080	---	---
		5670	39.360	5650.320	5689.680	---	---
11AC20SISO	Ant1	5500	22.960	5488.840	5511.800	---	---
		5600	23.760	5588.280	5612.040	---	---
		5700	22.920	5688.560	5711.480	---	---
11AC40SISO	Ant1	5510	39.200	5490.720	5529.920	---	---
		5590	39.920	5570.160	5610.080	---	---
		5670	39.280	5650.320	5689.600	---	---
11AC80SISO	Ant1	5530	79.840	5490.160	5570.000	---	---
		5610	79.680	5570.320	5650.000	---	---
11AX20SISO	Ant1	5500	24.760	5488.280	5513.040	---	---
		5600	25.000	5587.920	5612.920	---	---
		5700	25.160	5687.720	5712.880	---	---
11AX40SISO	Ant1	5510	39.520	5490.240	5529.760	---	---
		5590	39.680	5570.160	5609.840	---	---
		5670	39.600	5650.240	5689.840	---	---
11AX80SISO	Ant1	5530	80.320	5489.840	5570.160	---	---
		5610	80.320	5569.840	5650.160	---	---

Test Graphs



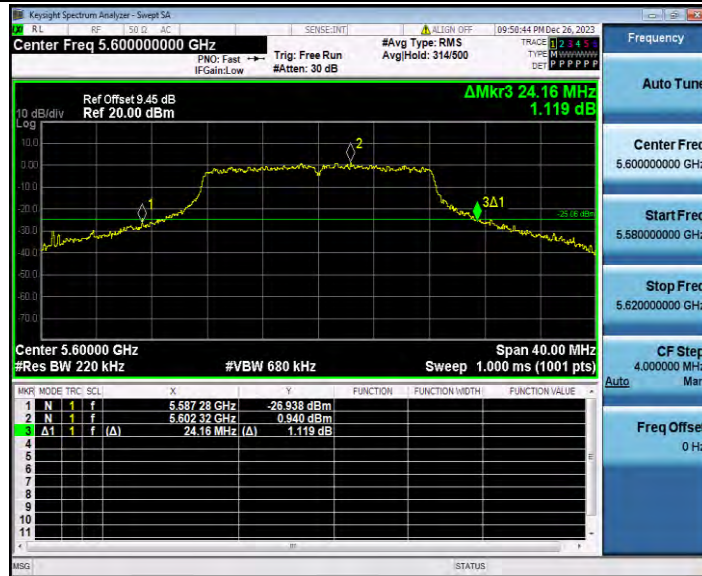
11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5600



11N20SISO_Ant1_5700



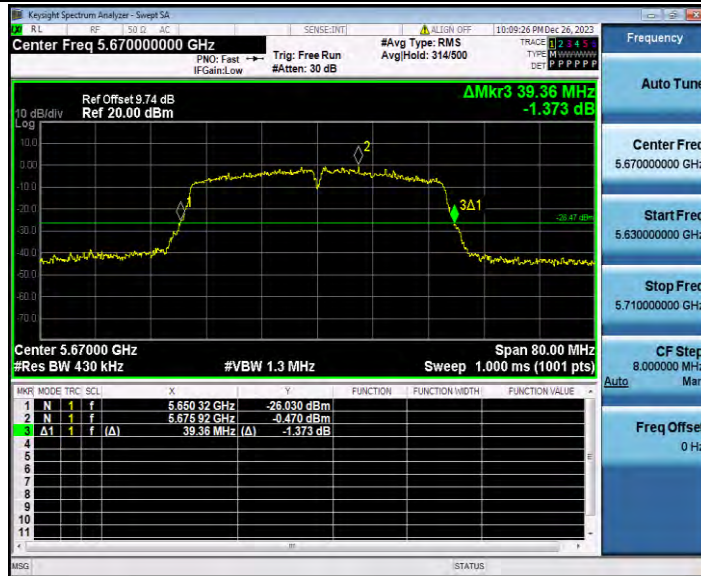
11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



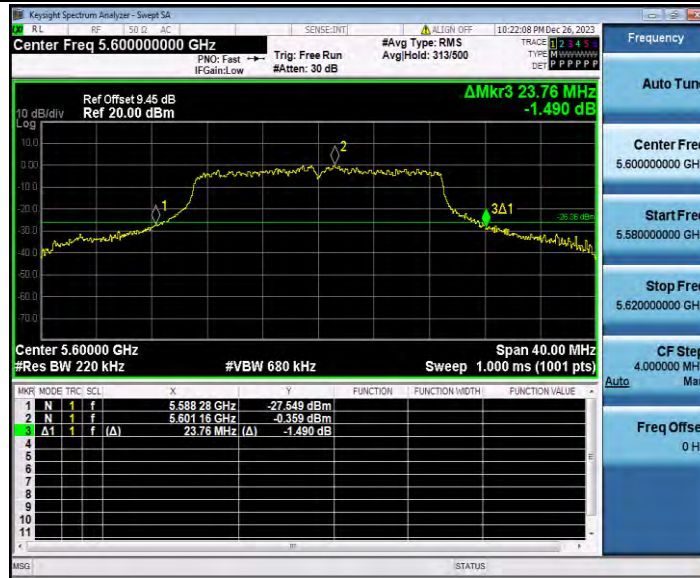
11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5600



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



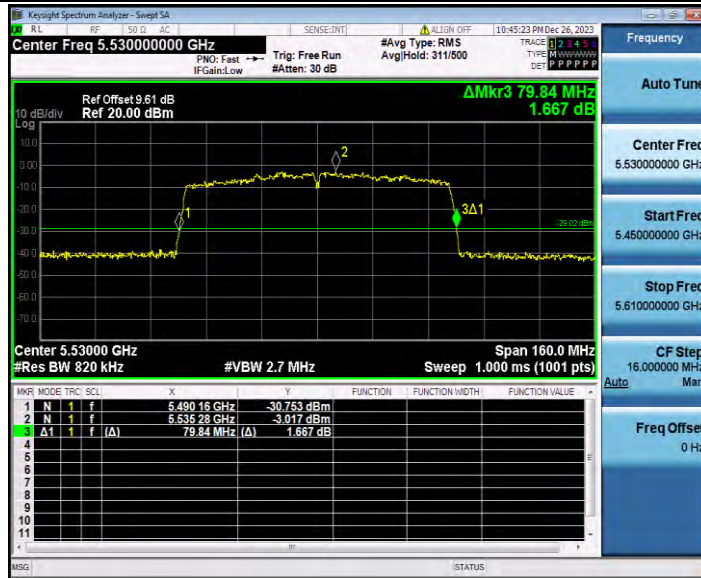
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11AC40SISO_Ant1_5670



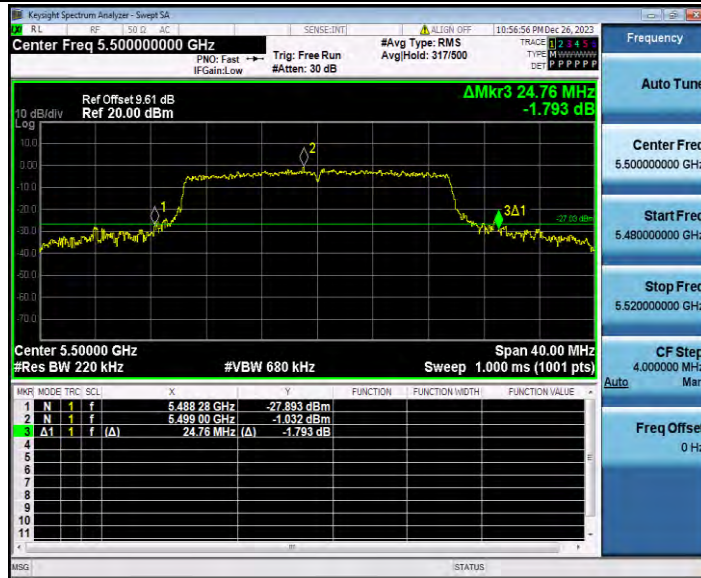
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11AC80SISO_Ant1_5610



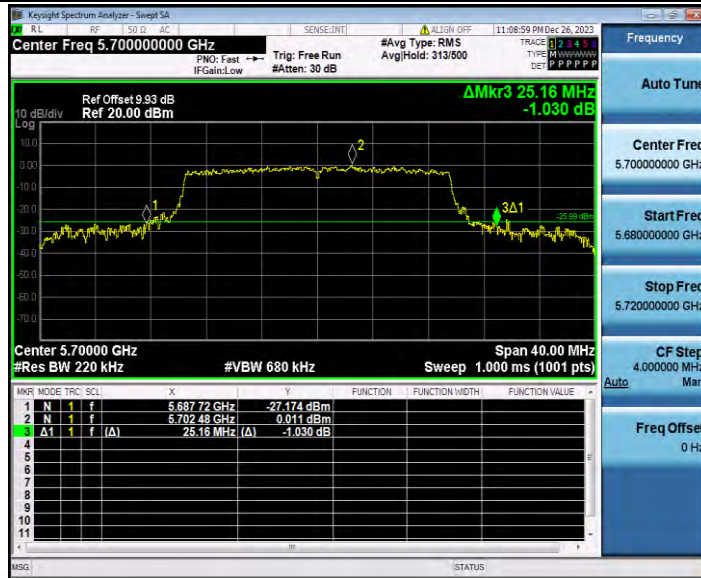
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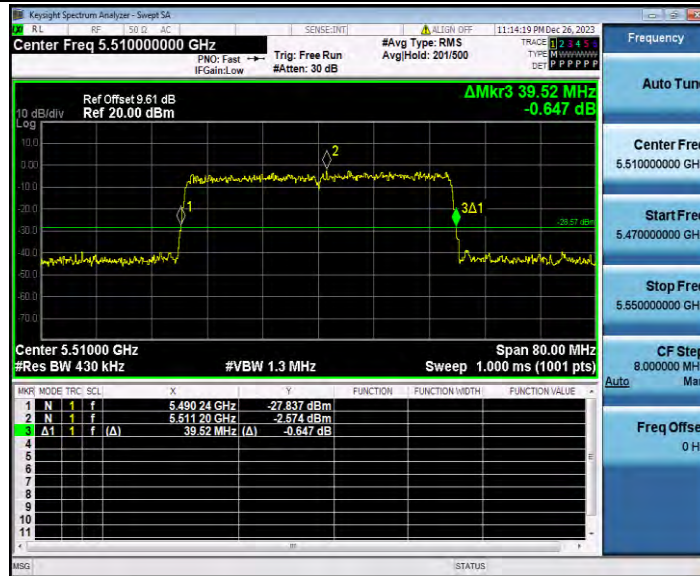
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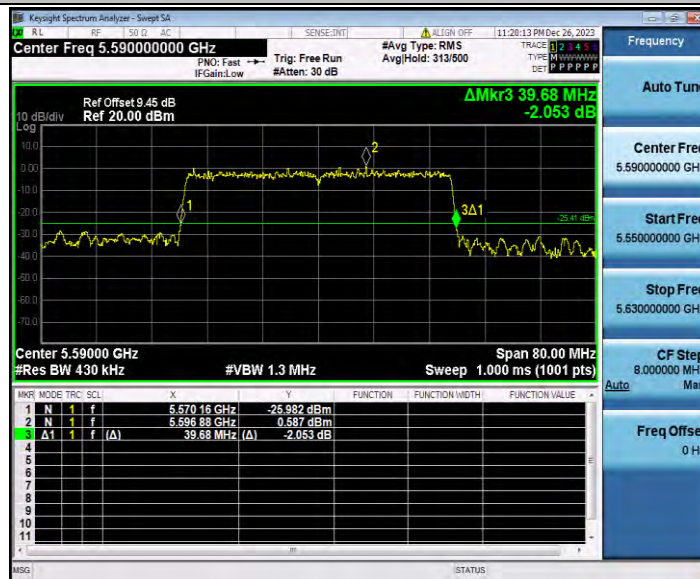
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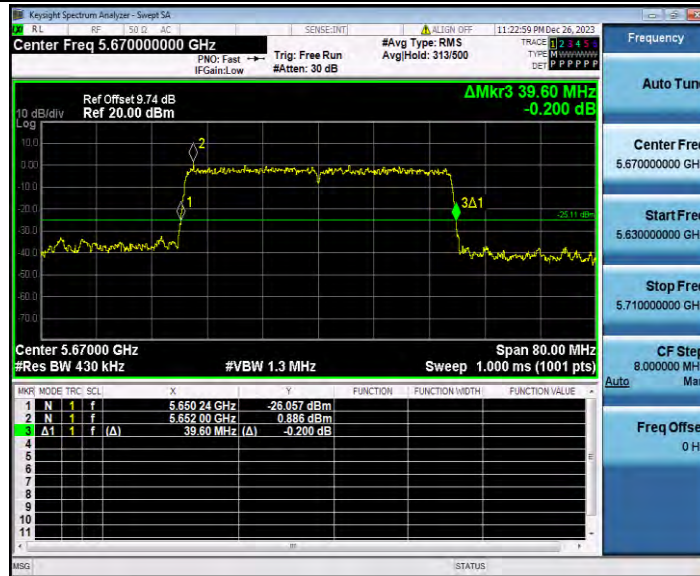
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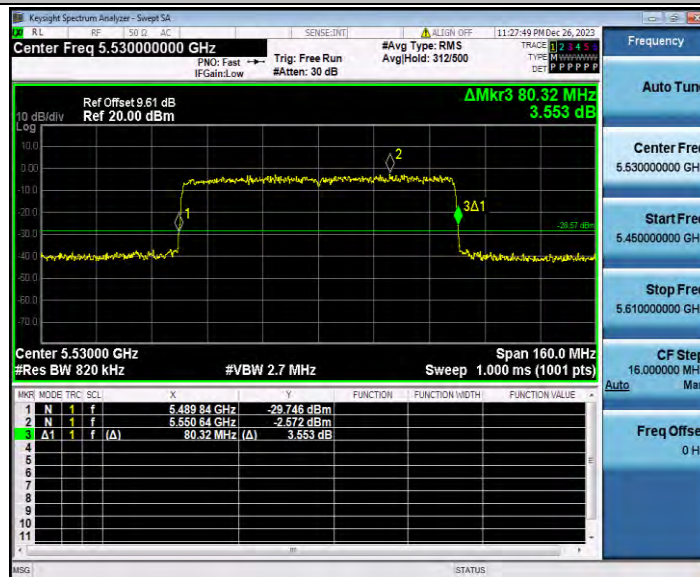
11AX40SISO_Ant1_5590

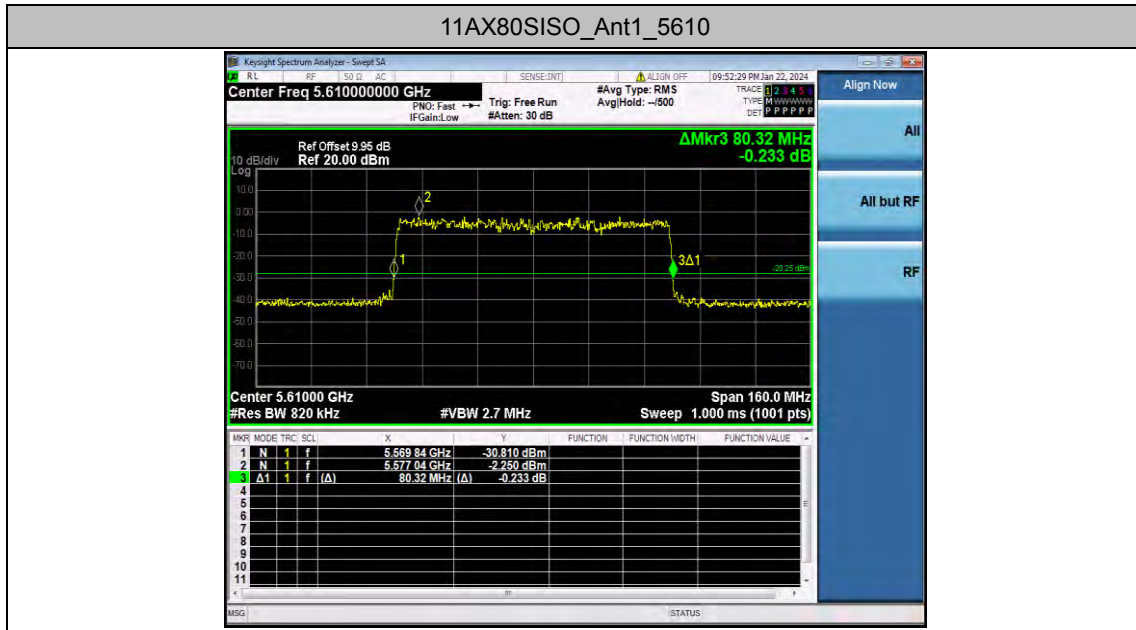


11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



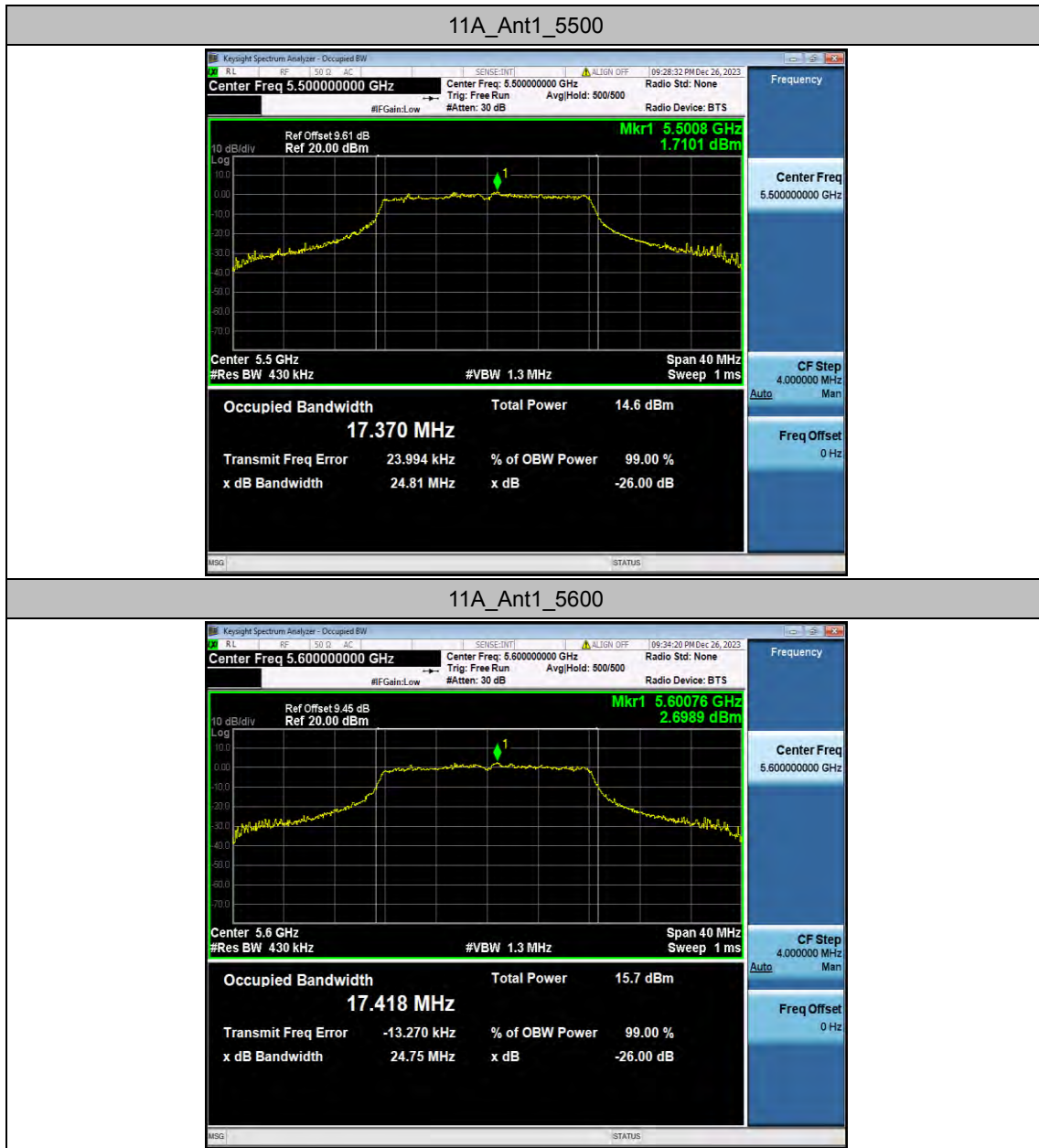


Appendix F.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	17.370	5491.339	5508.709	---	---
		5600	17.418	5591.278	5608.696	---	---
		5700	17.434	5691.214	5708.648	---	---
11N20SISO	Ant1	5500	17.532	5491.368	5508.900	---	---
		5600	17.542	5591.298	5608.840	---	---
		5700	17.457	5691.304	5708.761	---	---
11N40SISO	Ant1	5510	35.882	5492.201	5528.083	---	---
		5590	35.870	5572.0830	5607.9530	---	---
		5670	35.946	5652.090	5688.036	---	---
11AC20SISO	Ant1	5500	18.300	5490.905	5509.205	---	---
		5600	18.285	5590.860	5609.145	---	---
		5700	18.296	5690.835	5709.131	---	---
11AC40SISO	Ant1	5510	35.927	5492.201	5528.128	---	---
		5590	35.983	5572.105	5608.088	---	---
		5670	35.903	5652.052	5687.955	---	---
11AC80SISO	Ant1	5530	75.301	5492.533	5567.834	---	---
		5610	75.644	5572.377	5648.021	---	---
11AX20SISO	Ant1	5500	19.363	5490.424	5509.787	---	---
		5600	19.305	5590.412	5609.717	---	---
		5700	19.306	5690.379	5709.685	---	---
11AX40SISO	Ant1	5510	37.959	5491.106	5529.065	---	---
		5590	38.029	5571.026	5609.055	---	---
		5670	37.929	5651.035	5688.964	---	---
11AX80SISO	Ant1	5530	77.529	5491.344	5568.873	---	---
		5610	77.521	5571.2029	5648.7239	---	---

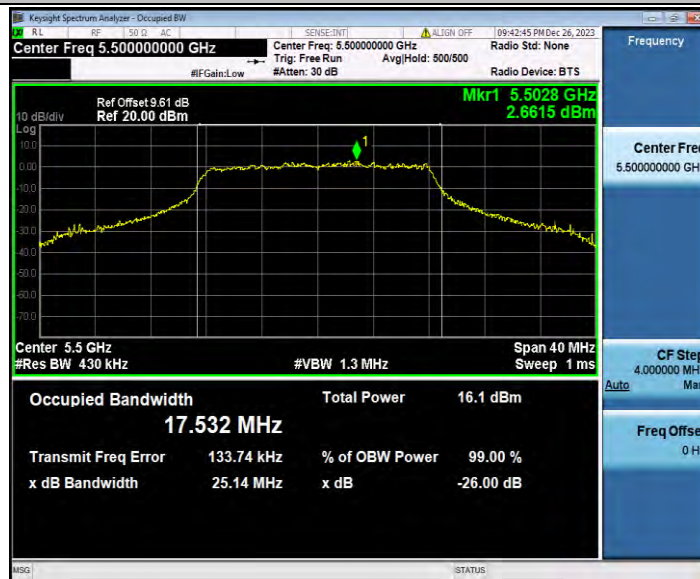
Test Graphs



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5600



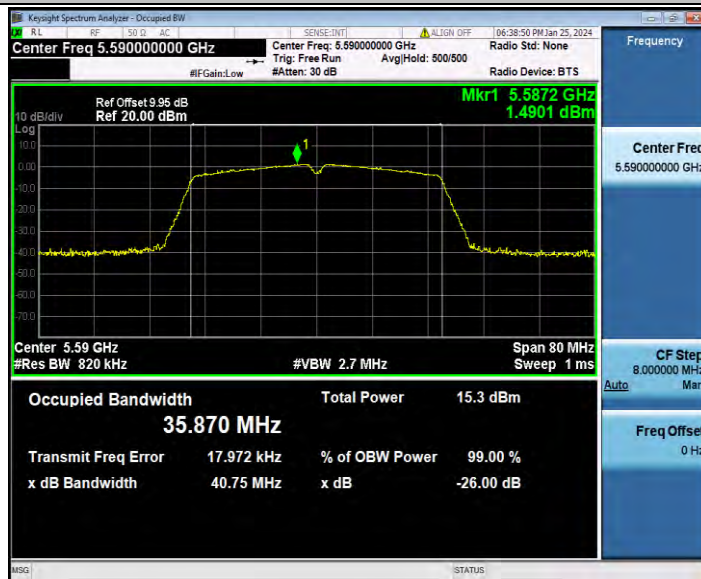
11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



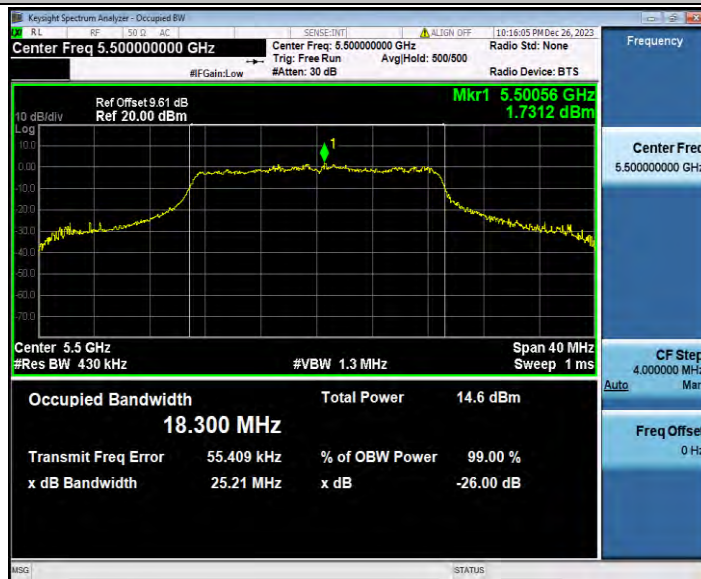
11N40SISO_Ant1_5590



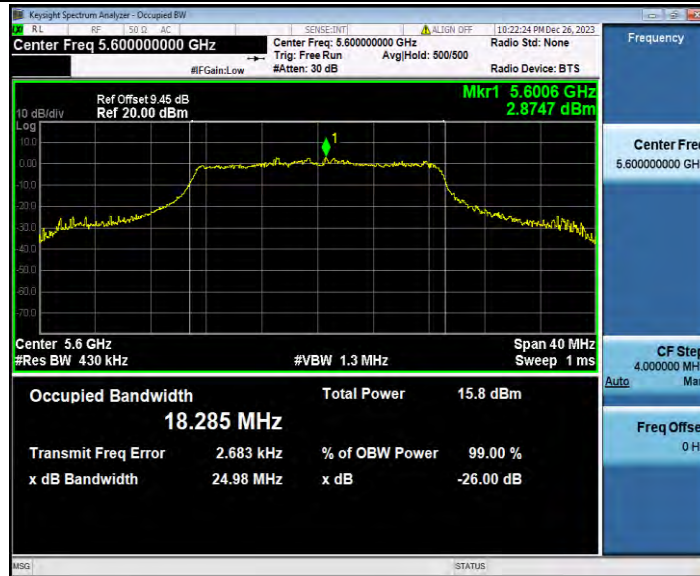
11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



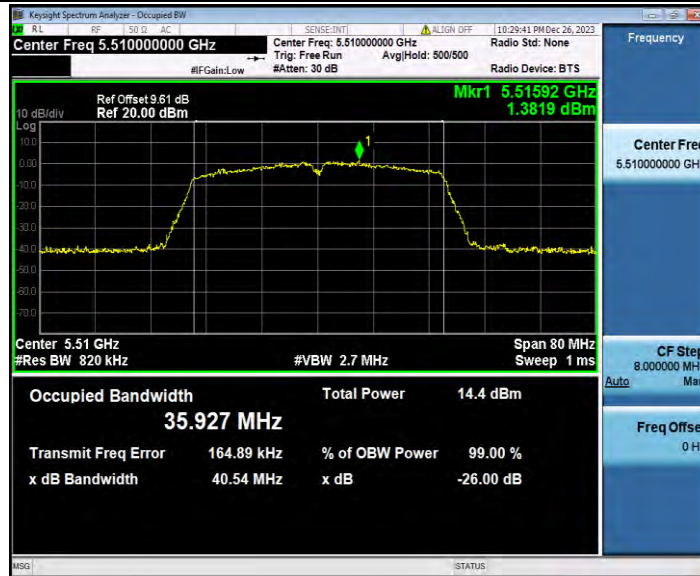
11AC20SISO_Ant1_5600



11AC20SISO_Ant1_5700



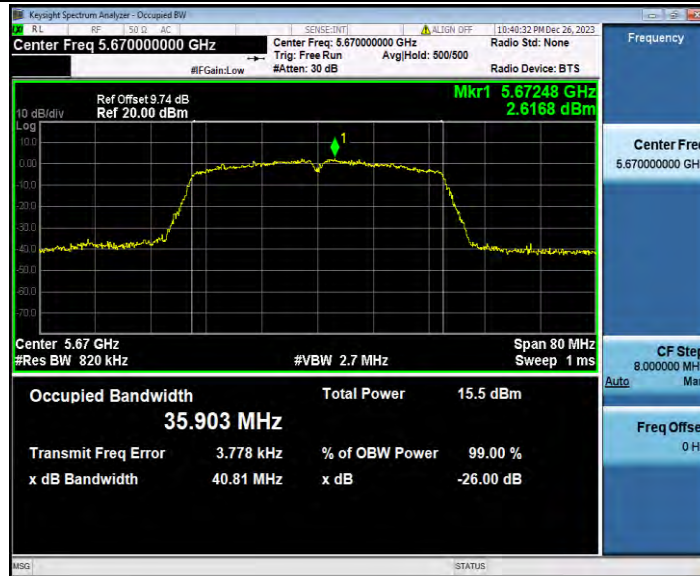
11AC40SISO_Ant1_5510



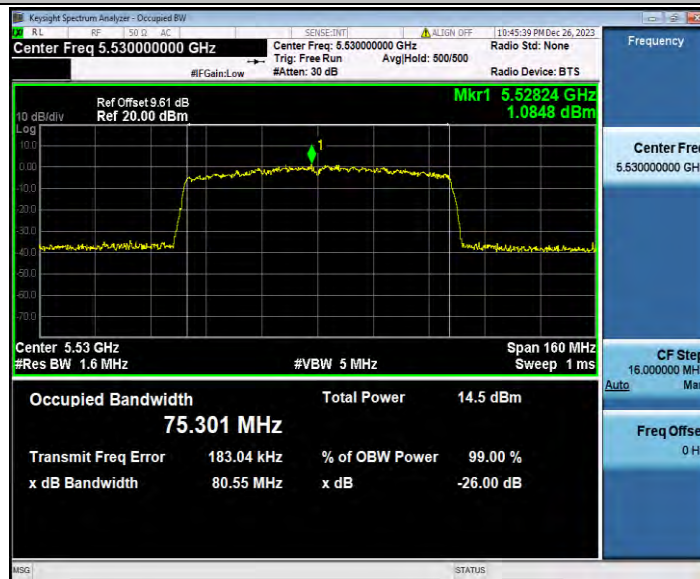
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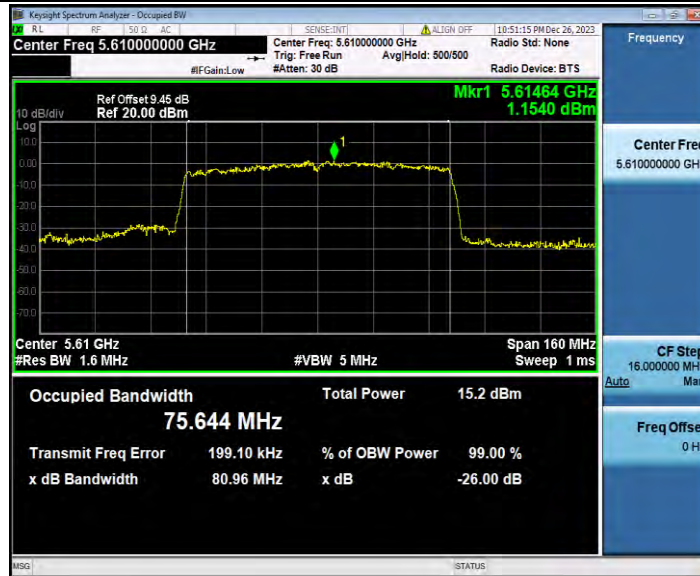
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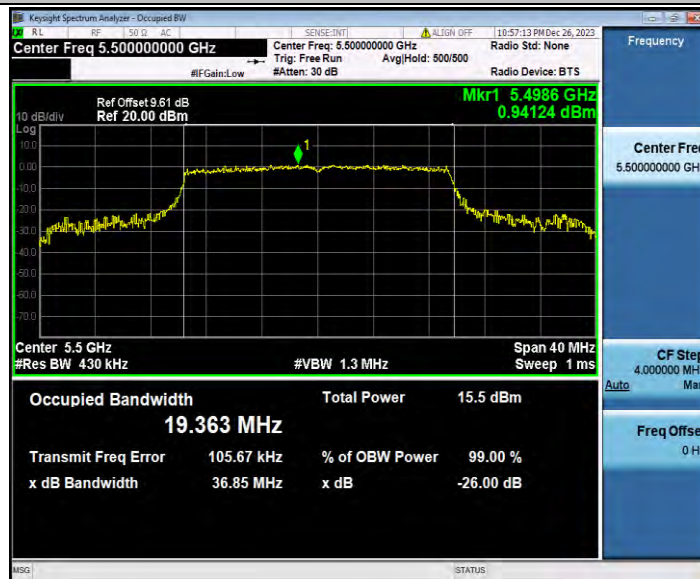
11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



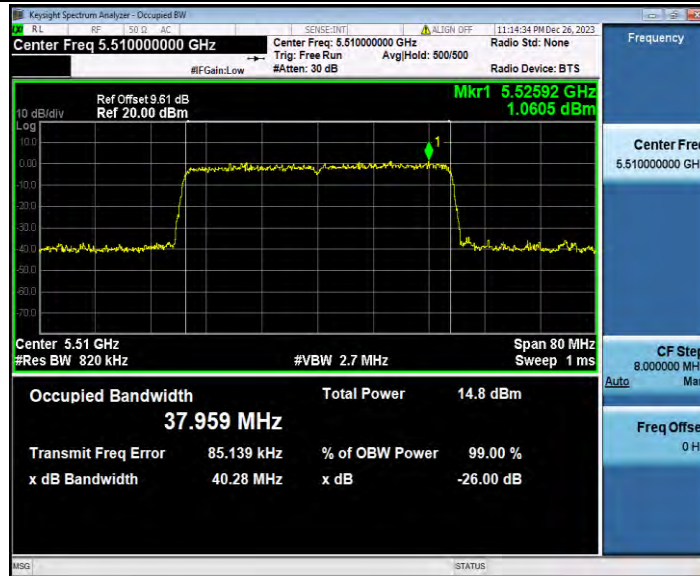
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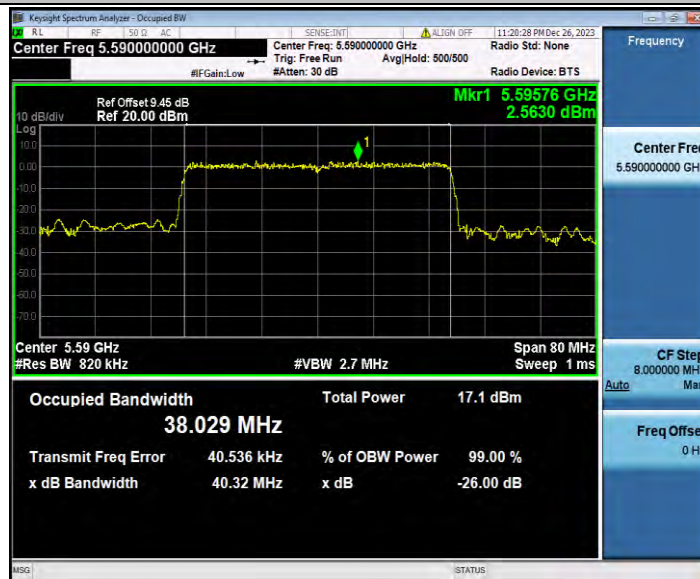
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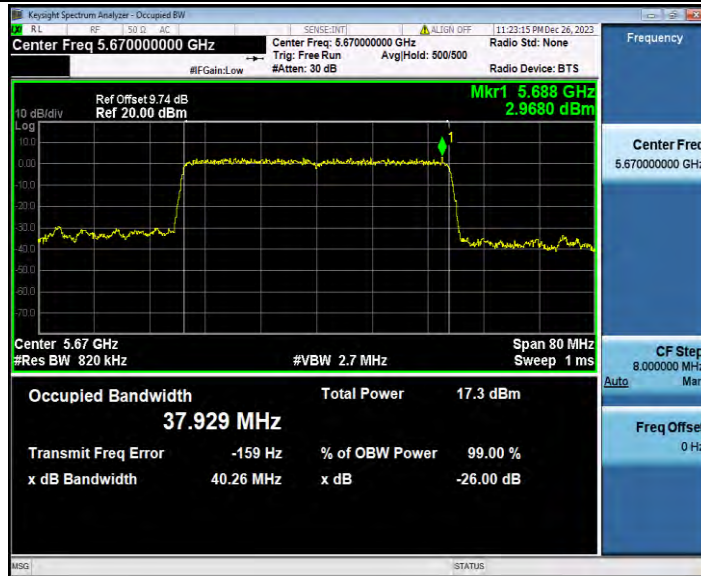
11AX40SISO_Ant1_5510



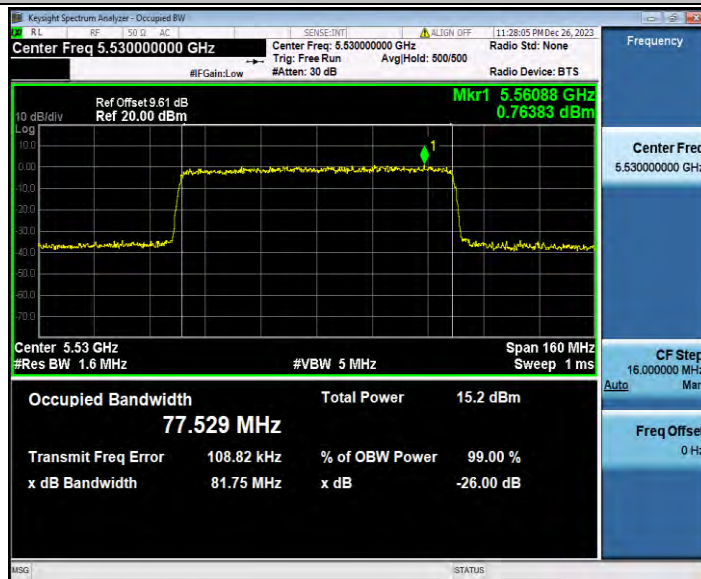
11AX40SISO_Ant1_5590

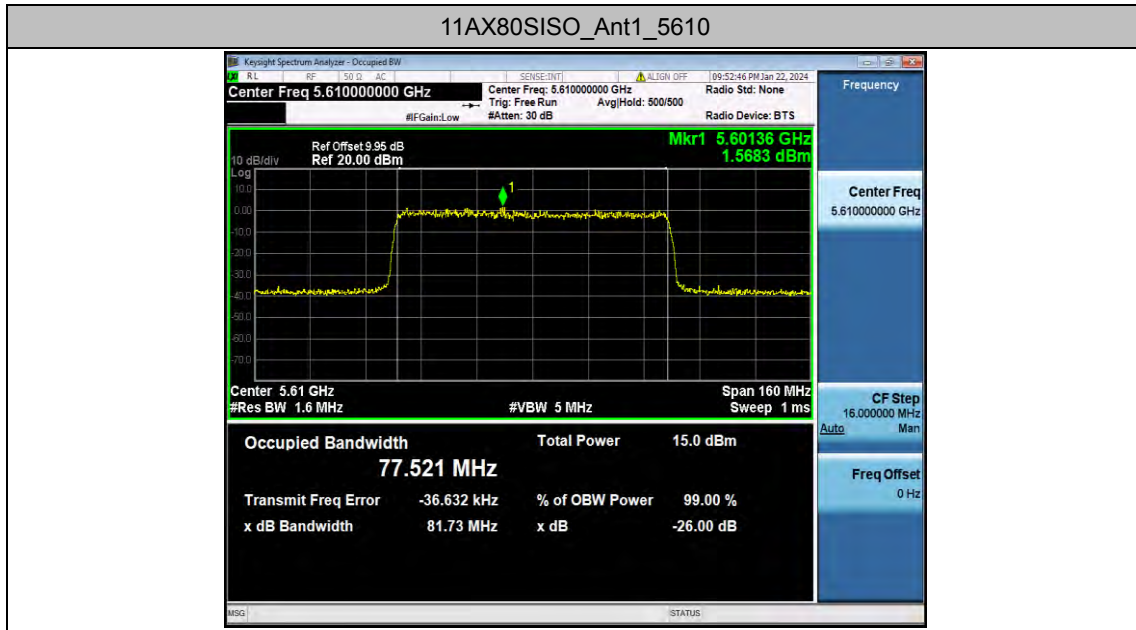


11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



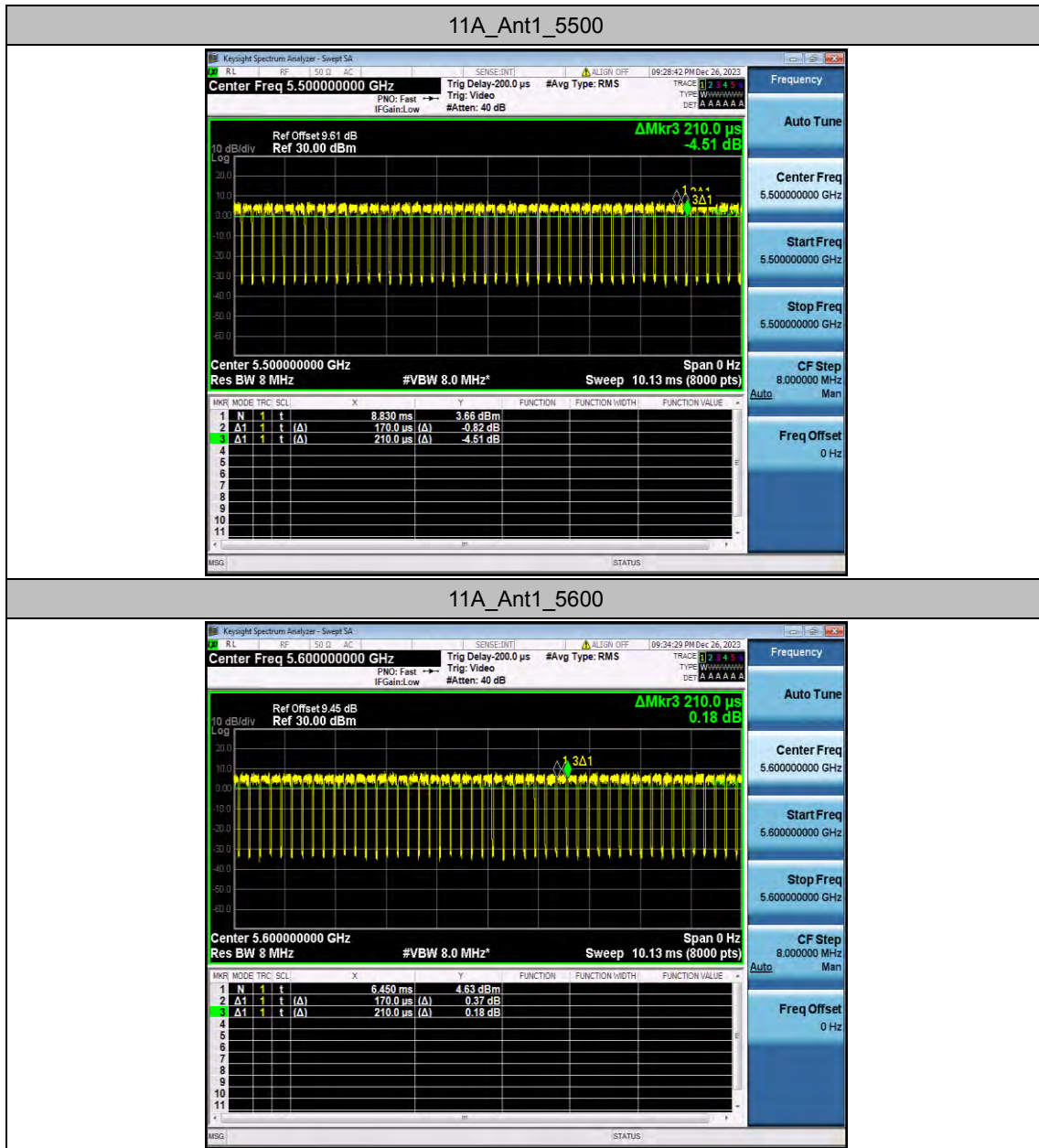


Appendix F.3: Duty Cycle

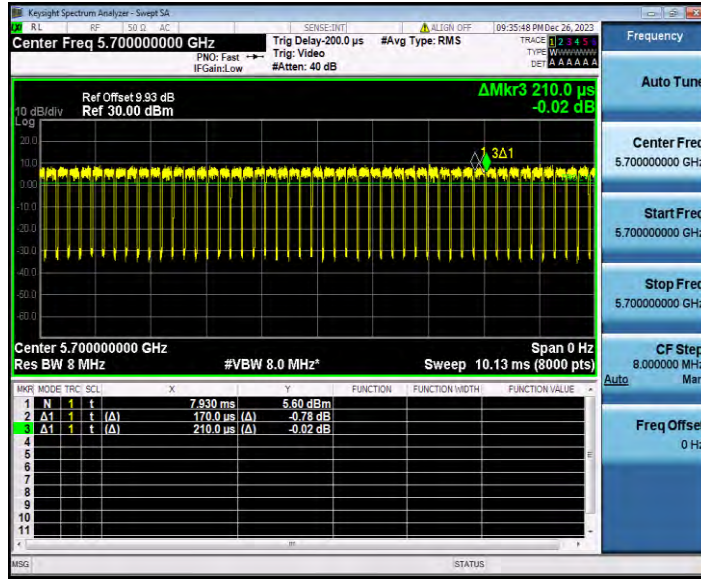
Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	0.17	0.21	80.95	0.92	5.88
		5600	0.17	0.21	80.95	0.92	5.88
		5700	0.17	0.21	80.95	0.92	5.88
11N20SISO	Ant1	5500	0.70	0.74	94.59	0.24	1.43
		5600	0.71	0.75	94.67	0.24	1.41
		5700	0.71	0.74	95.95	0.18	1.41
11N40SISO	Ant1	5510	3.33	4.80	69.38	1.59	0.30
		5590	0.65	0.68	95.59	0.20	1.54
		5670	3.33	4.80	69.38	1.59	0.30
11AC20SISO	Ant1	5500	0.17	0.20	85.00	0.71	5.88
		5600	0.16	0.20	80.00	0.97	6.25
		5700	0.16	0.20	80.00	0.97	6.25
11AC40SISO	Ant1	5510	3.33	4.80	69.38	1.59	0.30
		5590	3.32	4.79	69.31	1.59	0.30
		5670	4.57	6.55	69.77	1.56	0.22
11AC80SISO	Ant1	5530	2.45	5.08	48.23	3.17	0.41
		5610	2.45	5.07	48.32	3.16	0.41
11AX20SISO	Ant1	5500	0.15	0.19	78.95	1.03	6.67
		5600	0.16	0.20	80.00	0.97	6.25
		5700	0.15	0.19	78.95	1.03	6.67
11AX40SISO	Ant1	5510	2.88	5.07	56.80	2.46	0.35
		5590	3.81	6.71	56.78	2.46	0.26
		5670	2.87	5.07	56.61	2.47	0.35
11AX80SISO	Ant1	5530	3.39	6.71	50.52	2.97	0.29
		5610	0.08	0.74	10.81	9.66	12.50

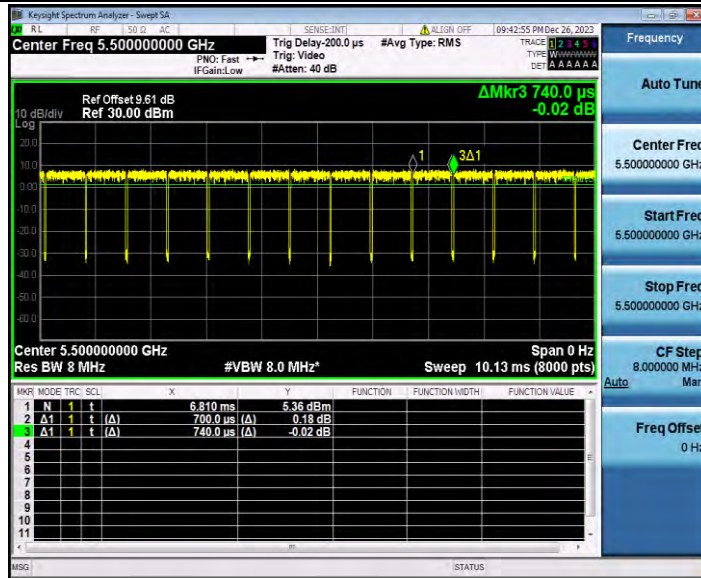
Test Graphs



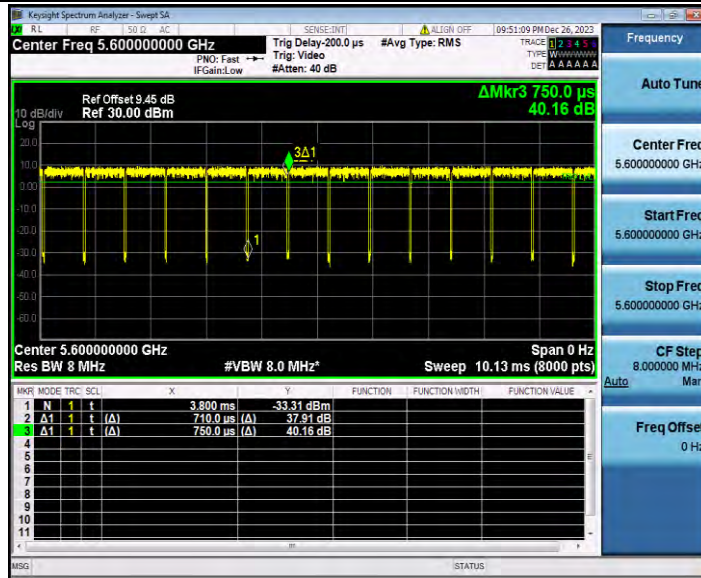
11A_Ant1_5700



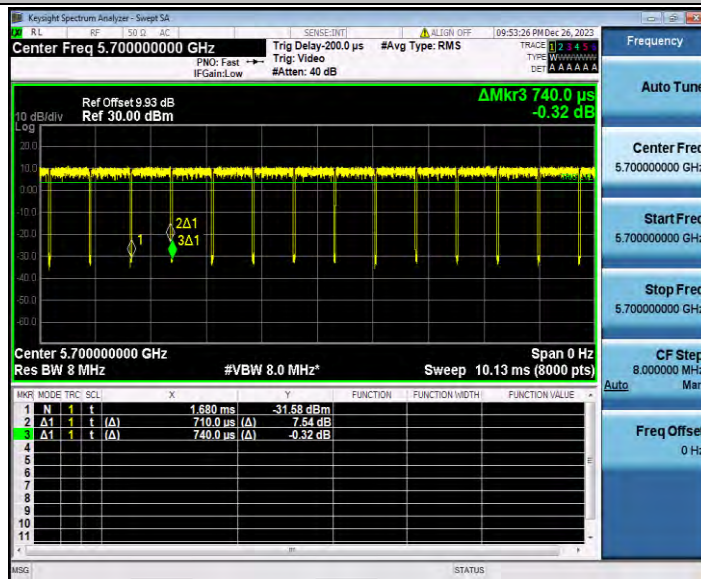
11N20SISO_Ant1_5500



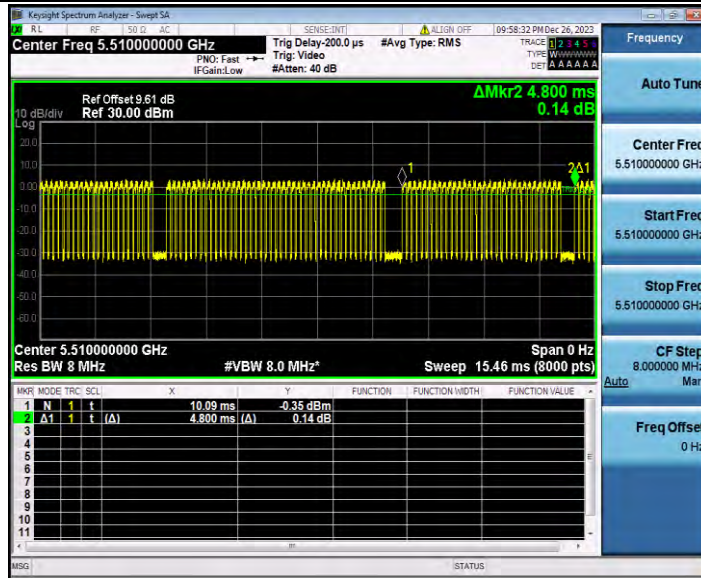
11N20SISO_Ant1_5600



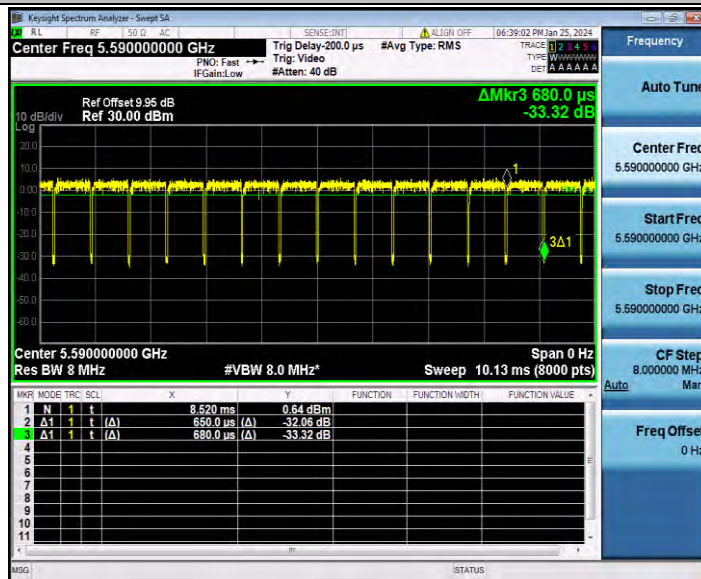
11N20SISO_Ant1_5700



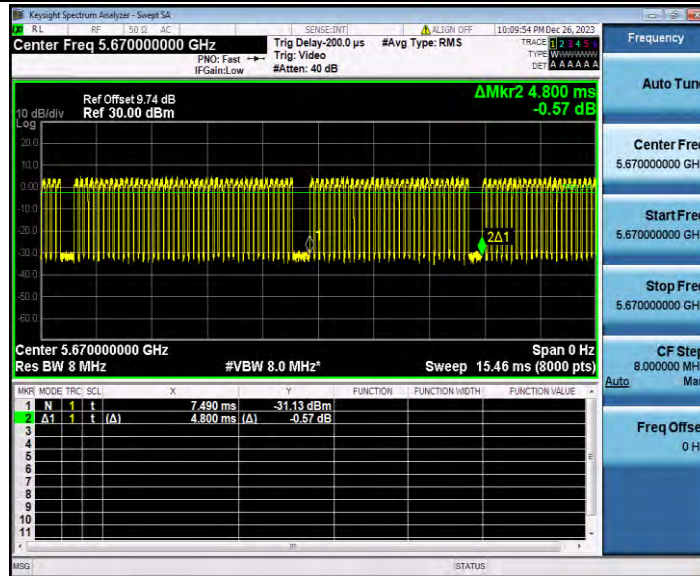
11N40SISO_Ant1_5510



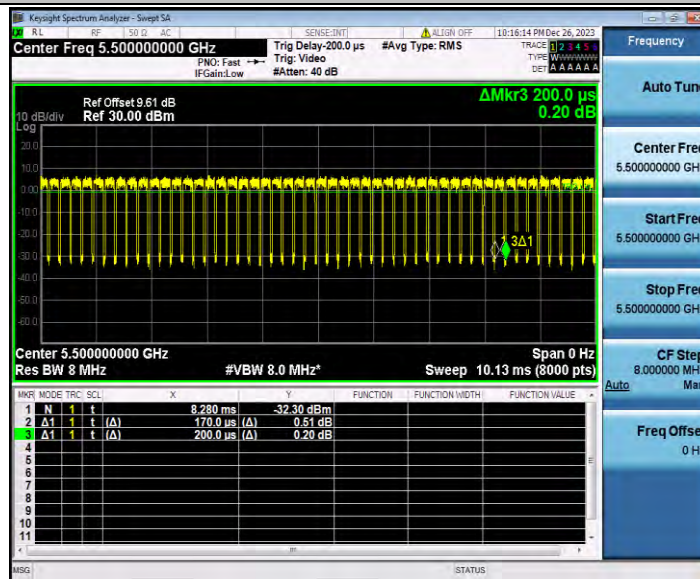
11N40SISO_Ant1_5590



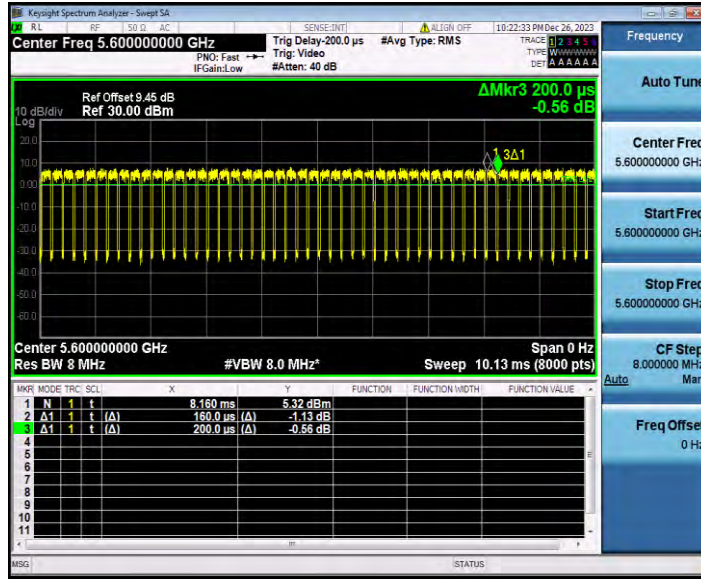
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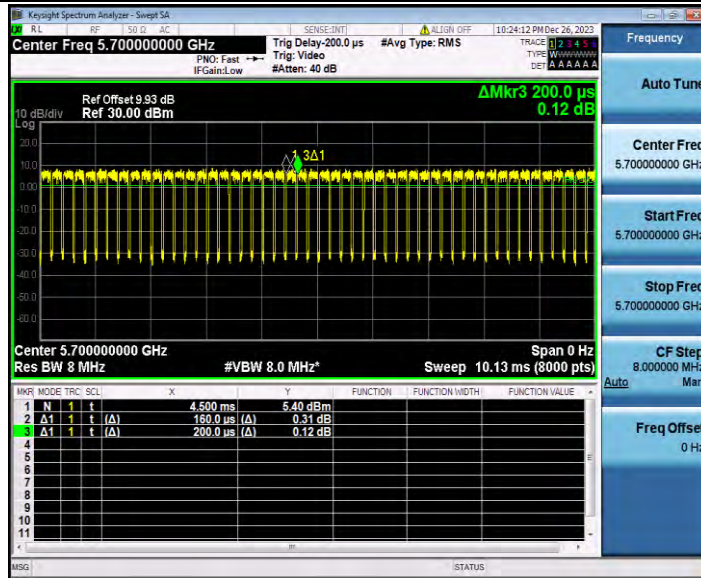
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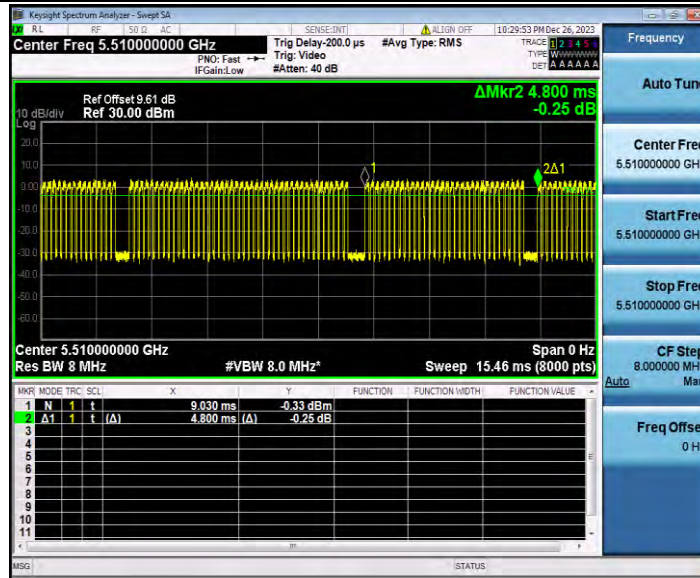
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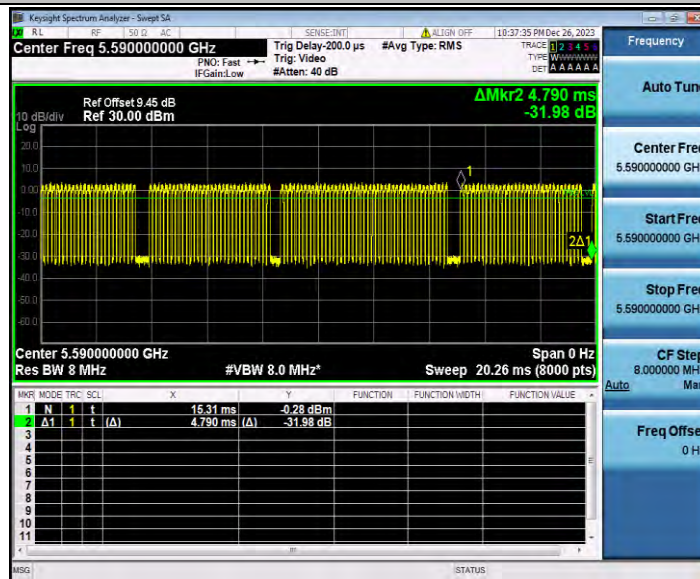
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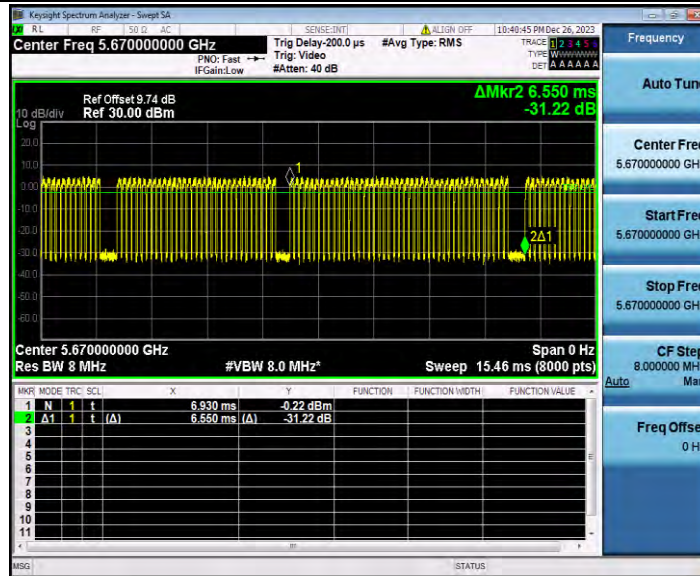
11AC40SISO_Ant1_5510



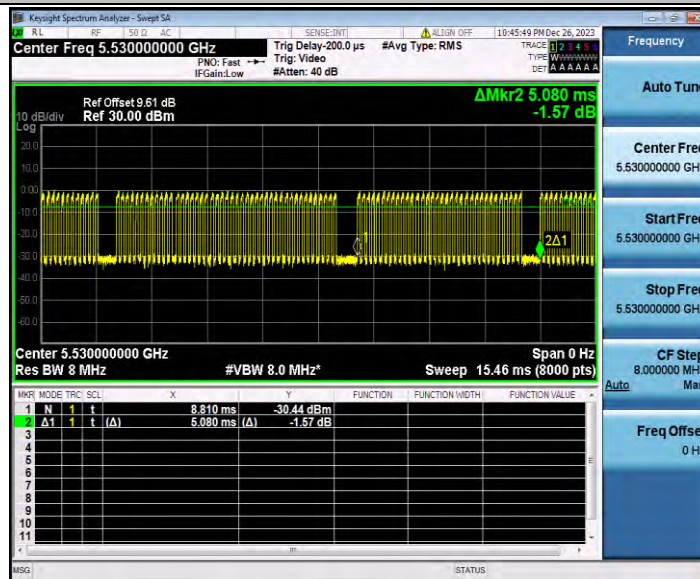
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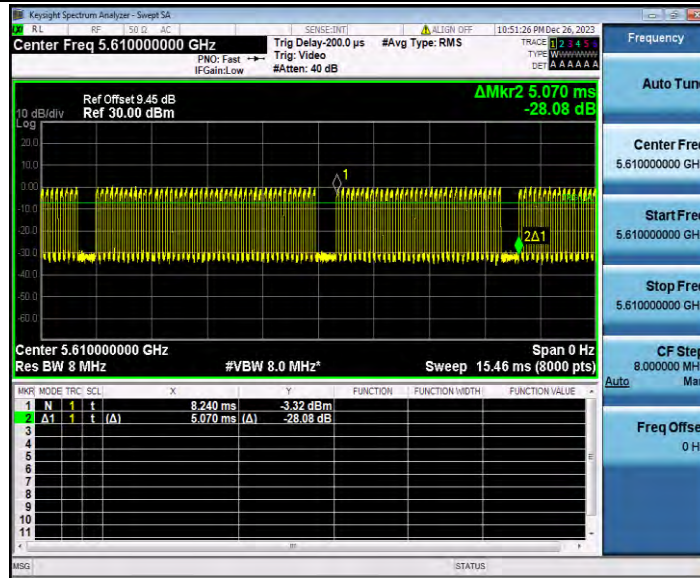
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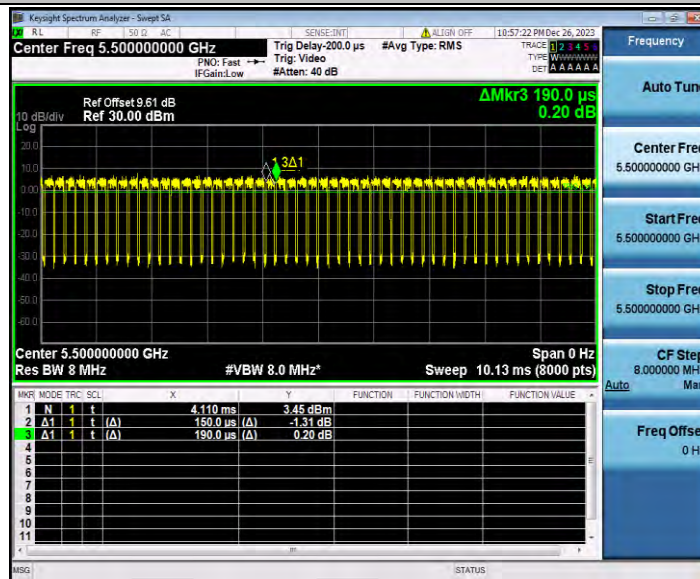
11AC80SISO_Ant1_5530



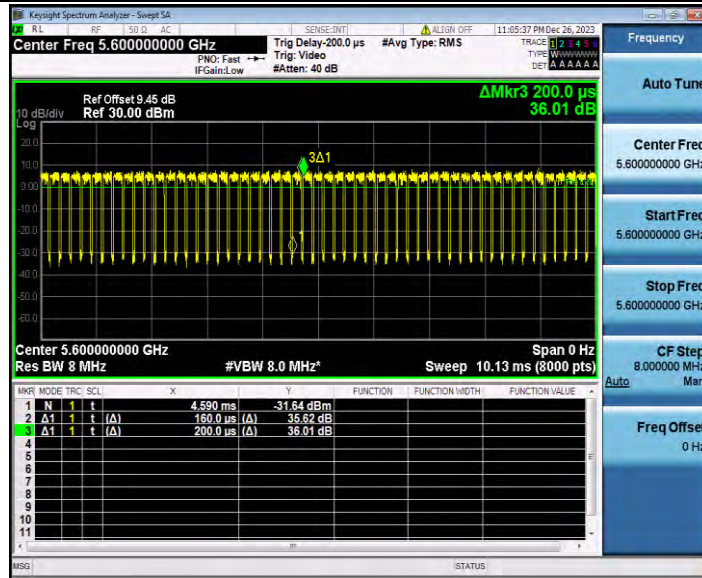
11AC80SISO_Ant1_5610



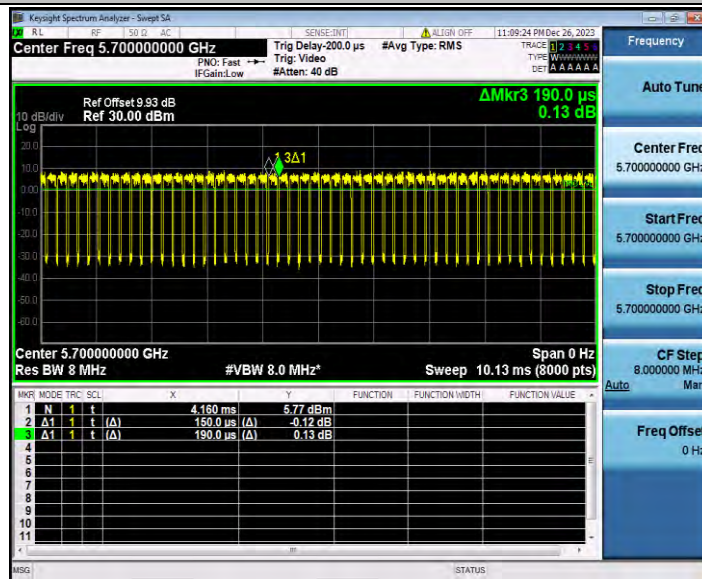
11AX20SISO_Ant1_5500



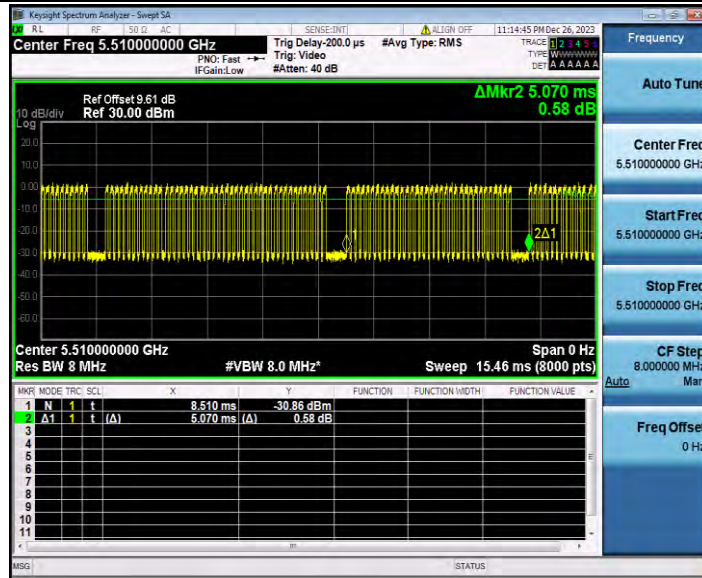
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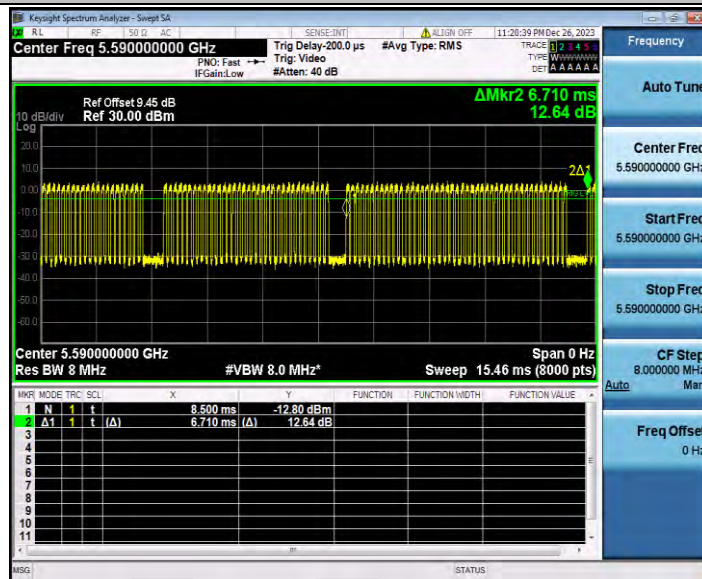
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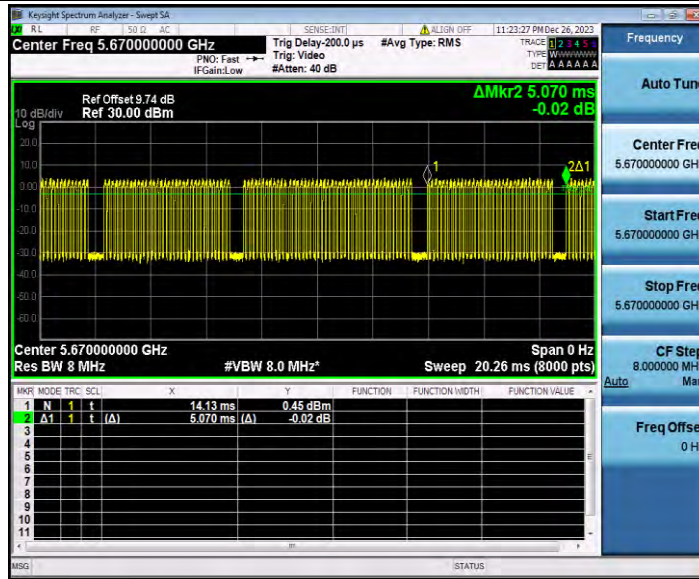
11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530

