

Case No. : <u>GTS20231018011-1-88</u>
Ambient Condition: <u>22 °C, 47 %RH</u>
According Standard: <u>■Part15E</u>
Test Date: <u>2024.1.27</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	Ant0	5500	22.480	5488.360	5510.840	---	---
		5600	23.160	5588.080	5611.240	---	---
		5700	23.000	5688.120	5711.120	---	---
11N20SISO	Ant0	5500	23.440	5488.320	5511.760	---	---
		5600	23.160	5588.400	5611.560	---	---
		5700	22.840	5688.520	5711.360	---	---
11N40SISO	Ant0	5510	40.080	5489.920	5530.000	---	---
		5590	39.440	5570.320	5609.760	---	---
		5670	39.440	5650.320	5689.760	---	---
11AC20SISO	Ant0	5500	22.840	5488.360	5511.200	---	---
		5600	22.960	5588.480	5611.440	---	---
		5700	23.160	5688.600	5711.760	---	---
11AC40SISO	Ant0	5510	39.680	5490.160	5529.840	---	---
		5590	39.680	5570.080	5609.760	---	---
		5670	39.840	5650.160	5690.000	---	---
11AC80SISO	Ant0	5530	80.320	5489.840	5570.160	---	---
		5610	80.160	5570.000	5650.160	---	---
11AX20SISO	Ant0	5500	24.600	5488.000	5512.600	---	---
		5600	26.120	5586.480	5612.600	---	---
		5700	25.640	5687.040	5712.680	---	---
11AX40SISO	Ant0	5510	39.520	5490.240	5529.760	---	---
		5590	39.840	5570.160	5610.000	---	---
		5670	39.760	5650.160	5689.920	---	---
11AX80SISO	Ant0	5530	80.480	5489.680	5570.160	---	---
		5610	80.480	5569.840	5650.320	---	---

Test Graphs





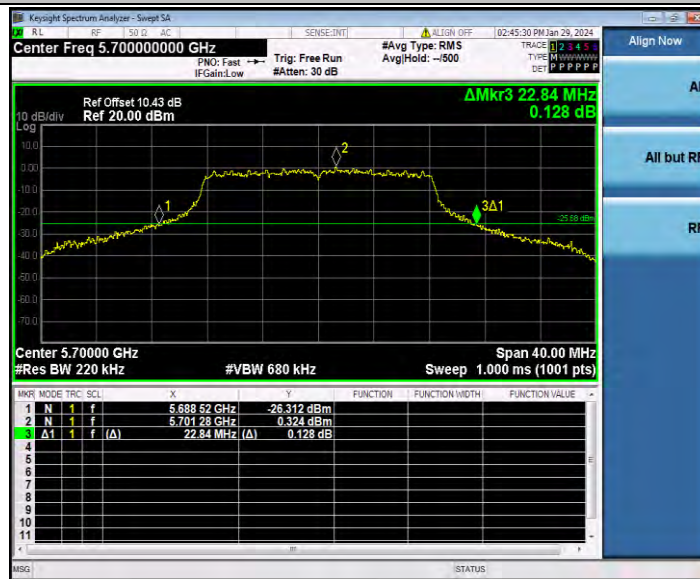
11N20SISO_Ant0_5500



11N20SISO_Ant0_5600



11N20SISO_Ant0_5700



11N40SISO_Ant0_5510



11N40SISO_Ant0_5590



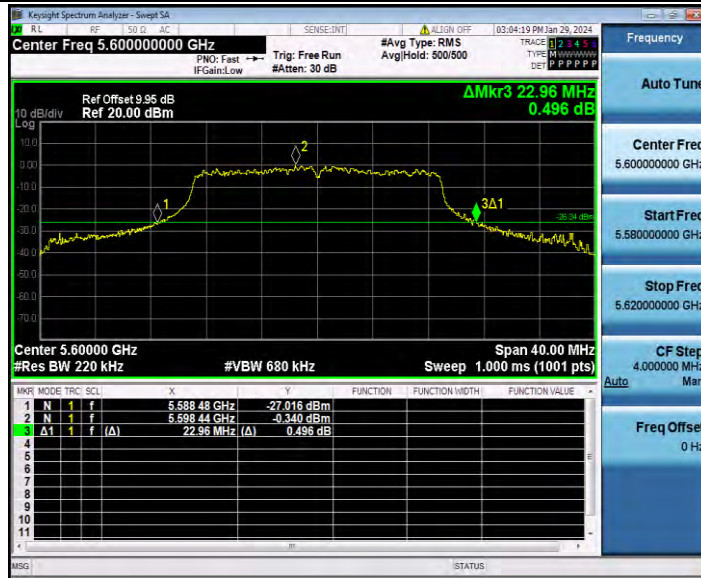
11N40SISO_Ant0_5670



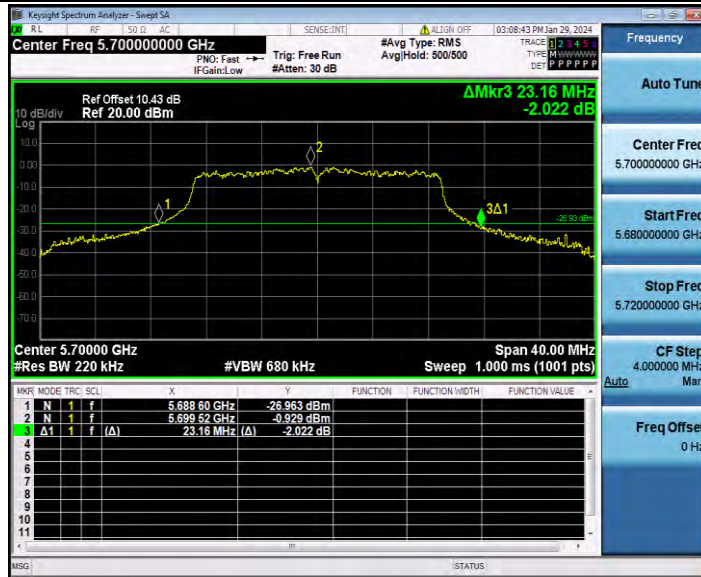
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11AC20SISO_Ant0_5600



11AC20SISO_Ant0_5700



11AC40SISO_Ant0_5510



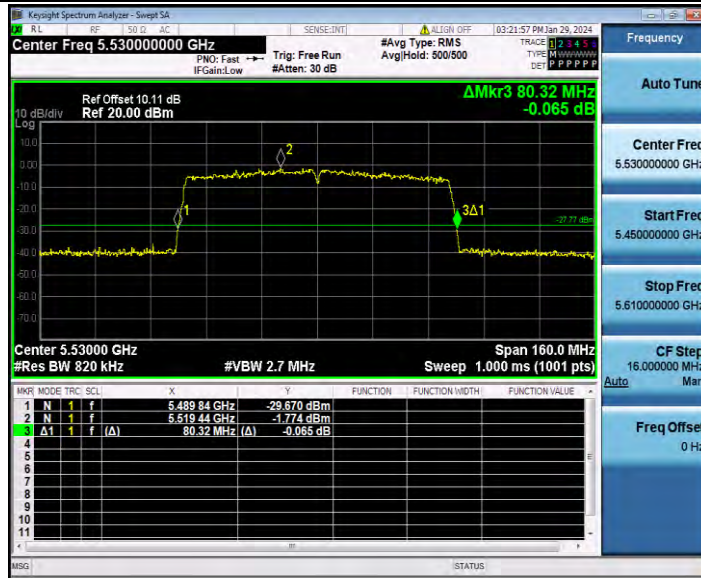
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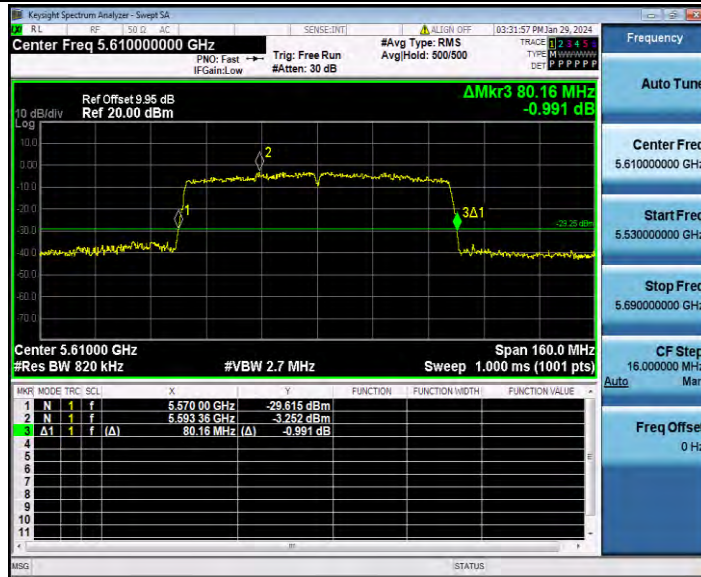
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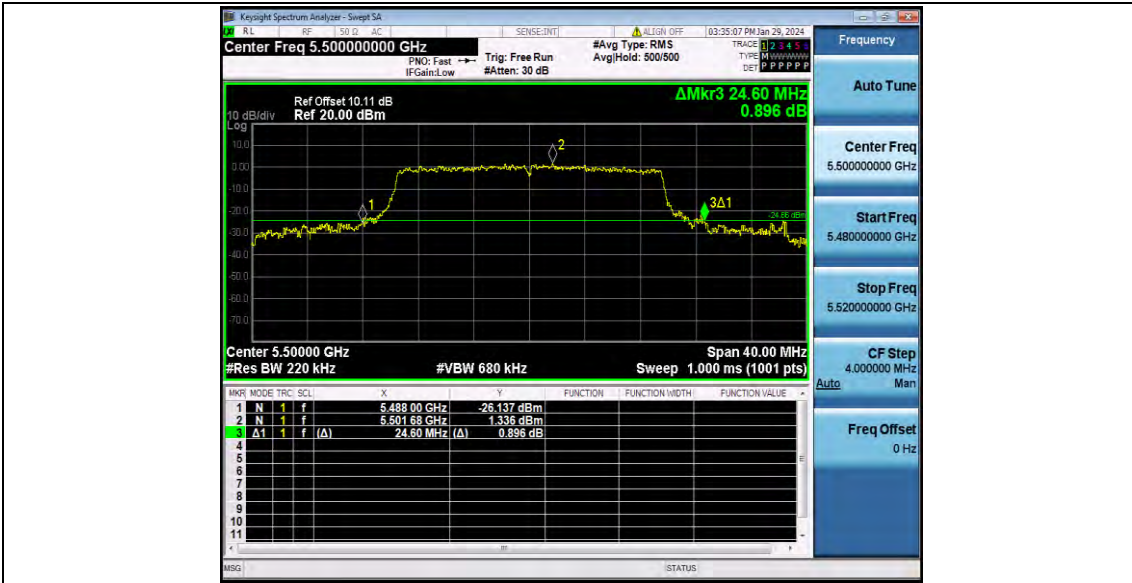
11AC80SISO_Ant0_5530



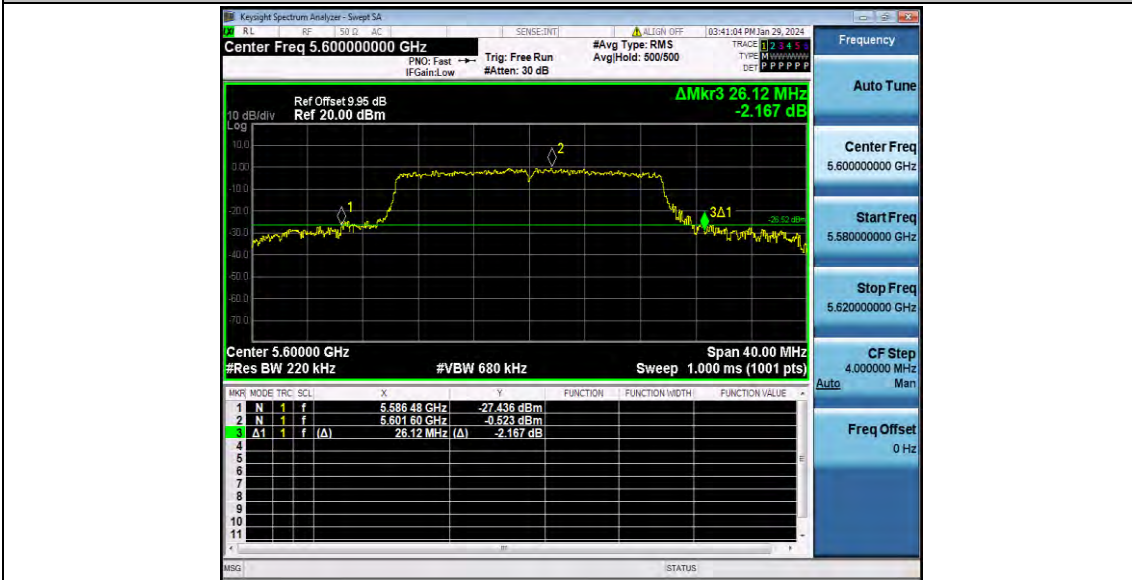
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11AX20SISO_Ant0_5500



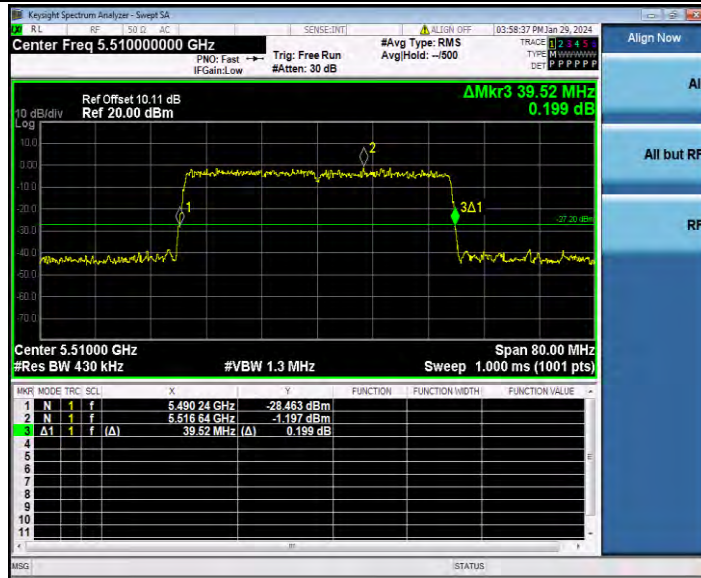
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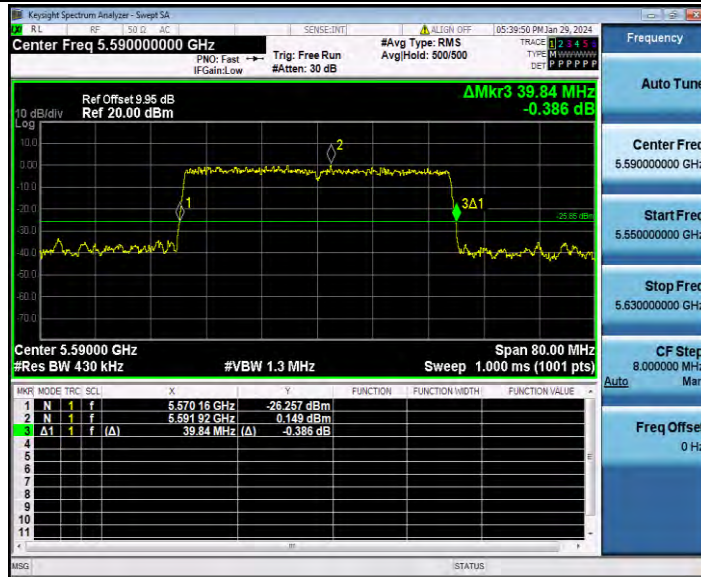
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11AX40SISO_Ant0_5510



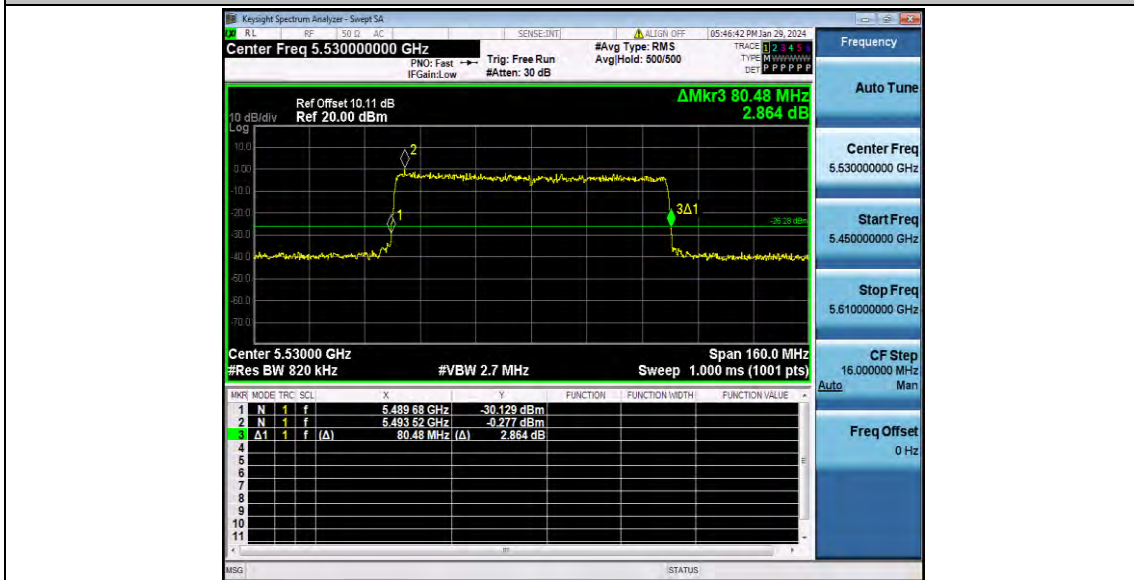
11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



11AX80SISO_Ant0_5610

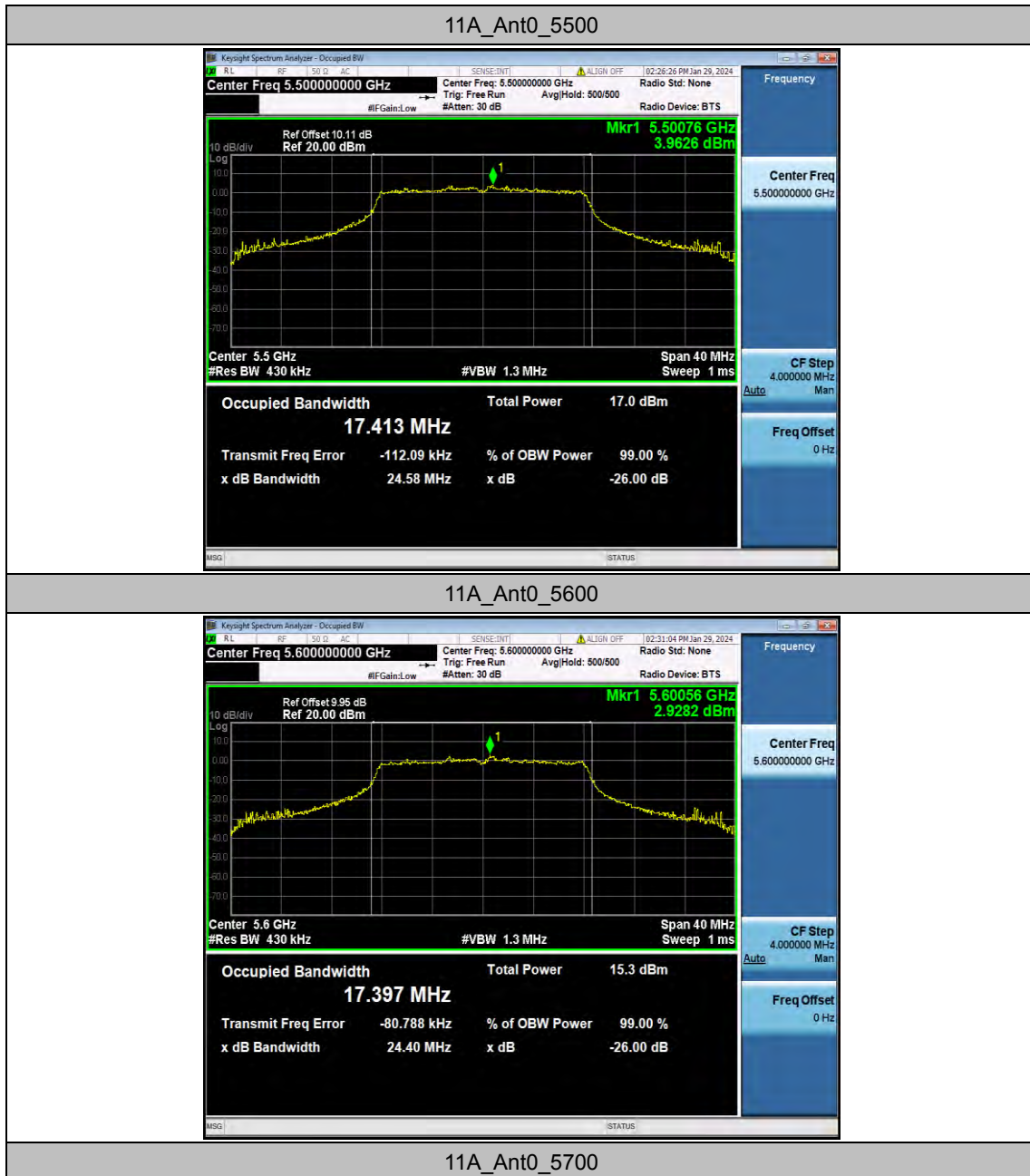


Appendix F.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5500	17.413	5491.1814	5508.5944	---	---
		5600	17.397	5591.2207	5608.6177	---	---
		5700	17.428	5691.1806	5708.6086	---	---
11N20SISO	Ant0	5500	17.453	5491.2546	5508.7076	---	---
		5600	17.588	5591.2451	5608.8331	---	---
		5700	17.525	5691.2054	5708.7304	---	---
11N40SISO	Ant0	5510	35.978	5492.0228	5528.0008	---	---
		5590	35.958	5572.0217	5607.9797	---	---
		5670	35.895	5652.1025	5687.9975	---	---
11AC20SISO	Ant0	5500	18.206	5490.8470	5509.0530	---	---
		5600	18.294	5590.7952	5609.0892	---	---
		5700	18.288	5690.8154	5709.1034	---	---
11AC40SISO	Ant0	5510	35.936	5492.0113	5527.9473	---	---
		5590	35.986	5572.0210	5608.0070	---	---
		5670	35.947	5652.0832	5688.0302	---	---
11AC80SISO	Ant0	5530	75.564	5492.1550	5567.7190	---	---
		5610	75.629	5572.1997	5647.8287	---	---
11AX20SISO	Ant0	5500	19.286	5490.3649	5509.6509	---	---
		5600	19.313	5590.3614	5609.6744	---	---
		5700	19.275	5690.3696	5709.6446	---	---
11AX40SISO	Ant0	5510	37.958	5491.0081	5528.9661	---	---
		5590	37.982	5570.9980	5608.9800	---	---
		5670	37.906	5651.0542	5688.9602	---	---
11AX80SISO	Ant0	5530	77.862	5490.9856	5568.8476	---	---
		5610	77.872	5571.0727	5648.9447	---	---

Test Graphs





11N20SISO_Ant0_5500



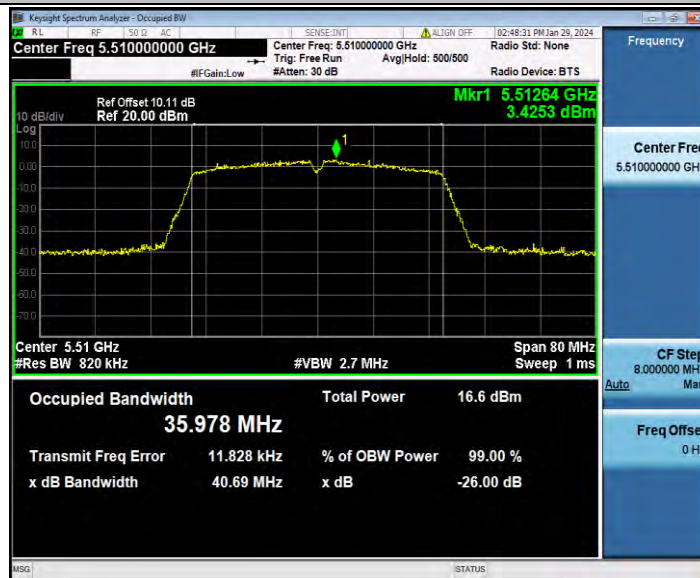
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11N20SISO_Ant0_5700



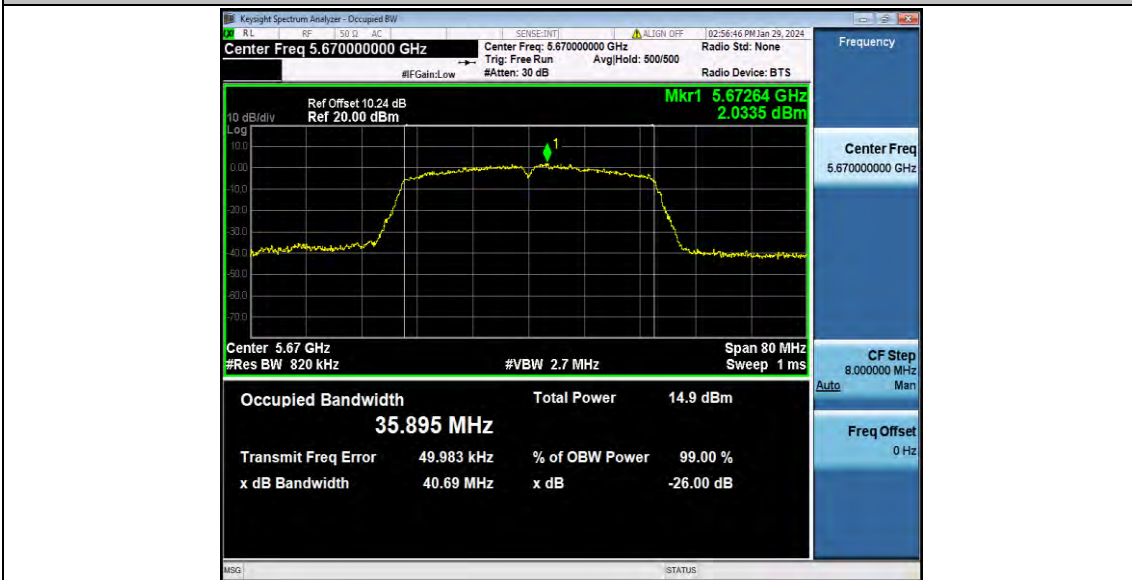
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11N40SISO_Ant0_5590



11N40SISO_Ant0_5670



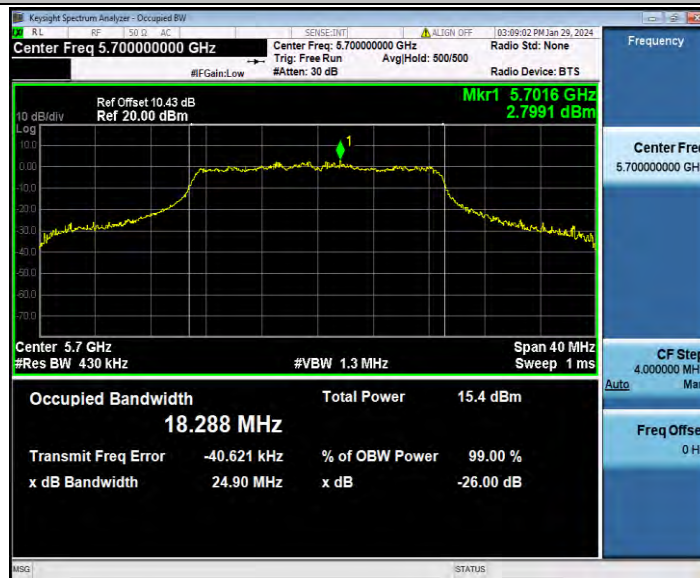
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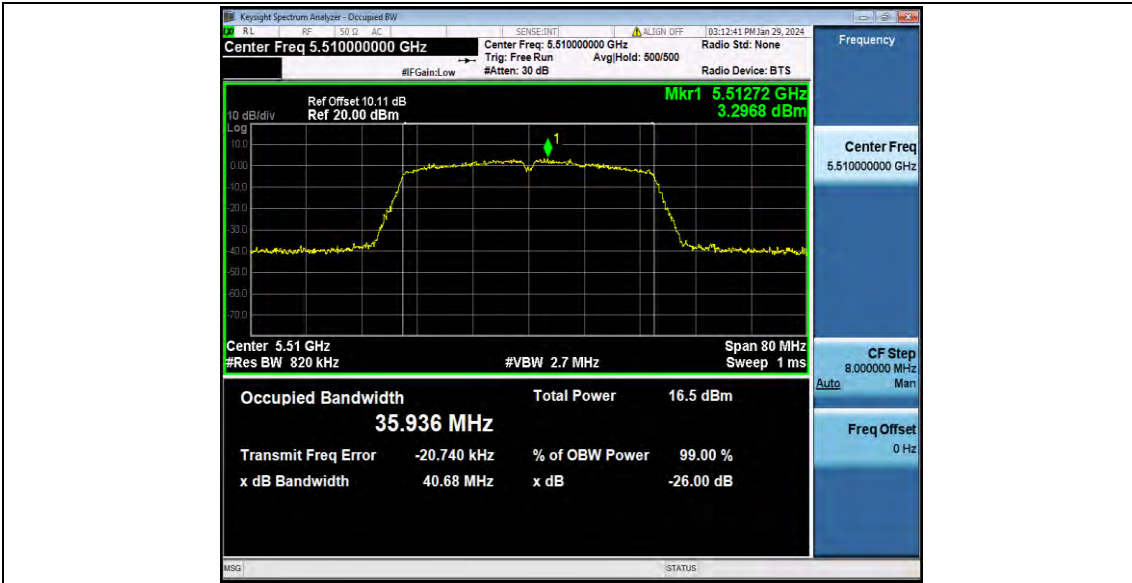
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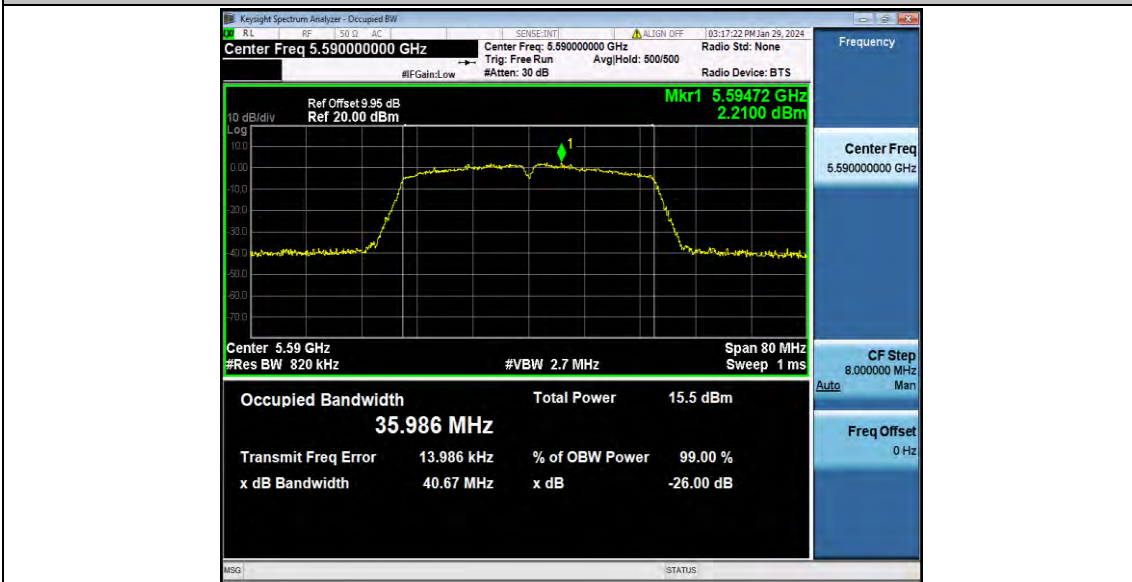
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11AC40SISO_Ant0_5510



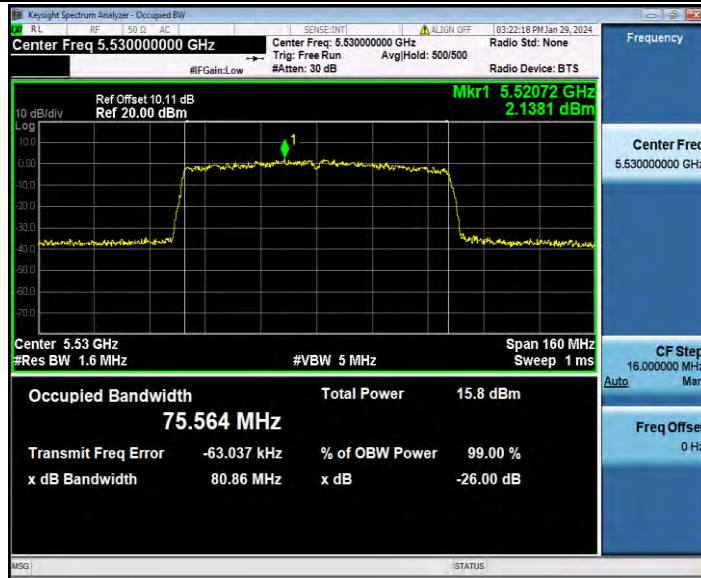
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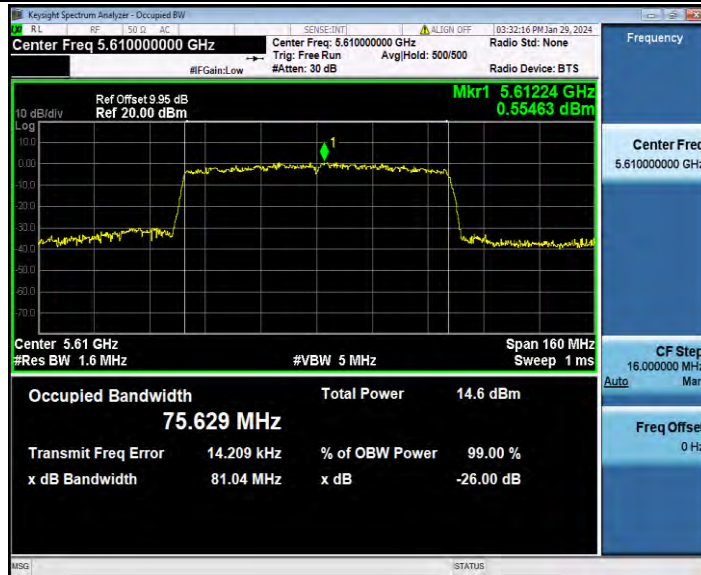
11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



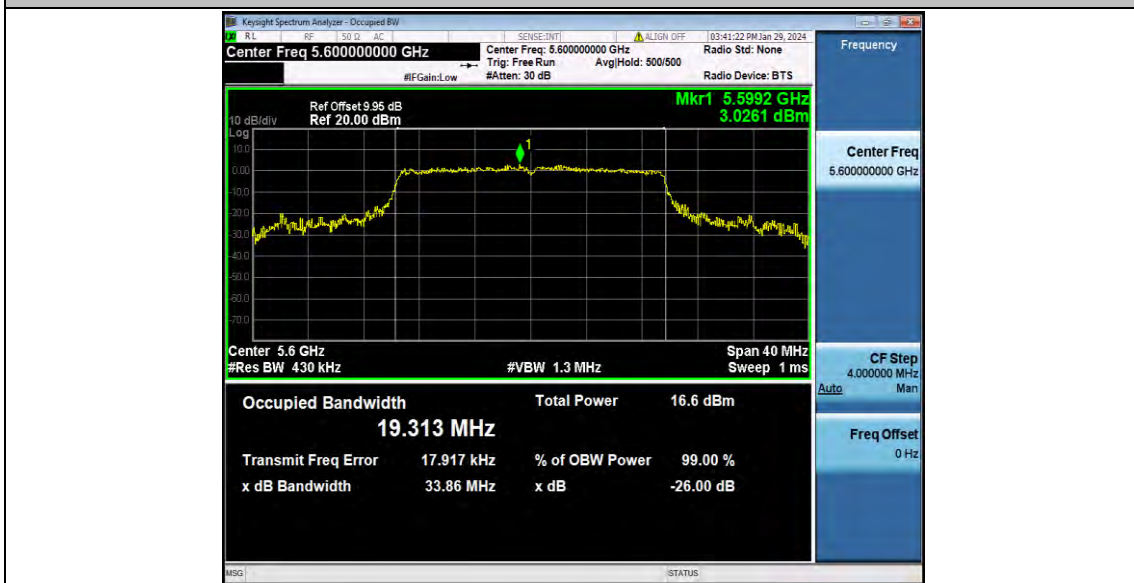
11AC80SISO_Ant0_5610



11AX20SISO_Ant0_5500



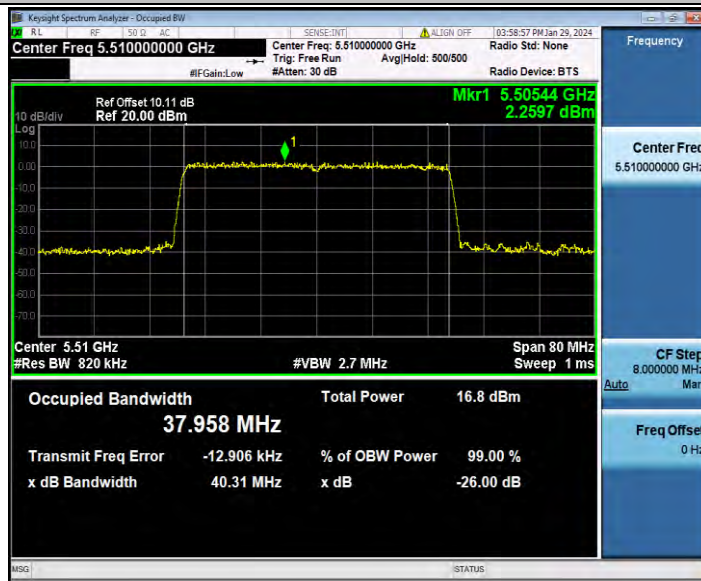
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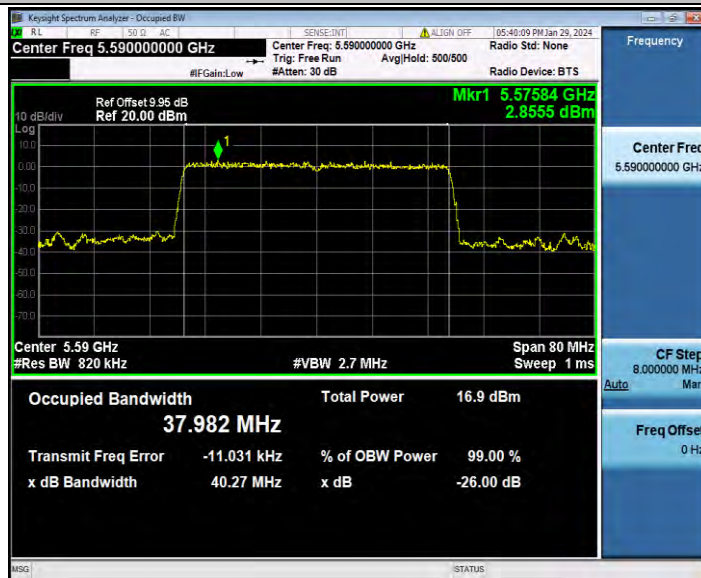
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11AX40SISO_Ant0_5510



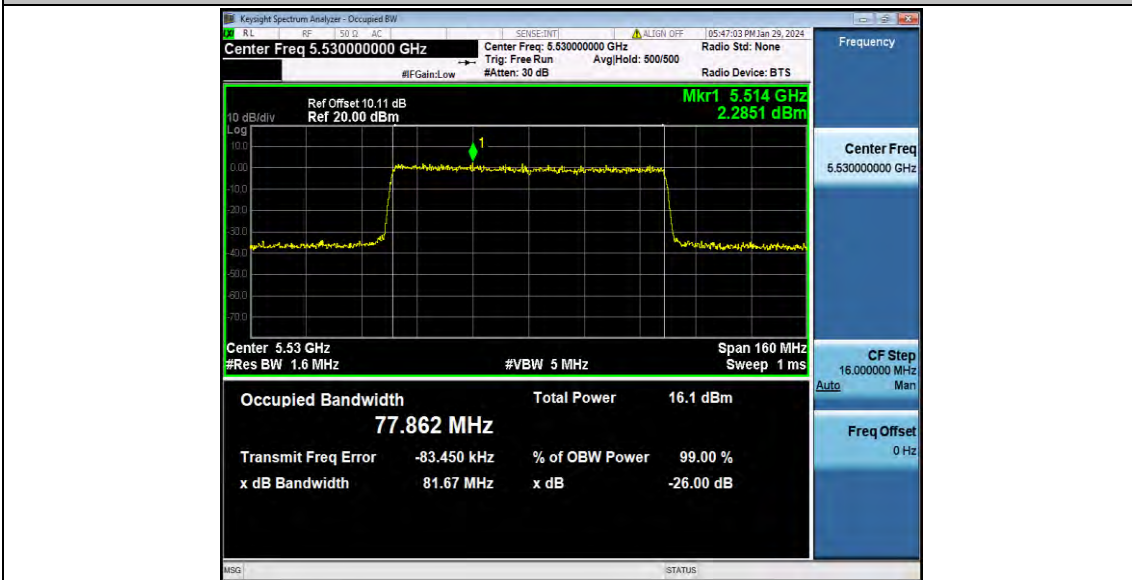
11AX40SISO_Ant0_5590



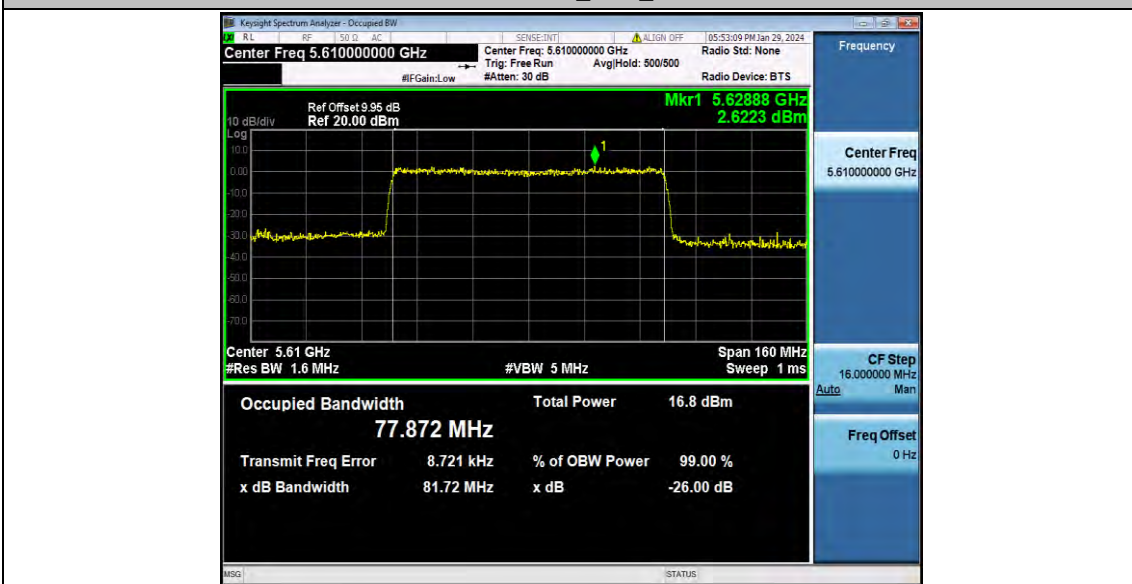
11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



11AX80SISO_Ant0_5610

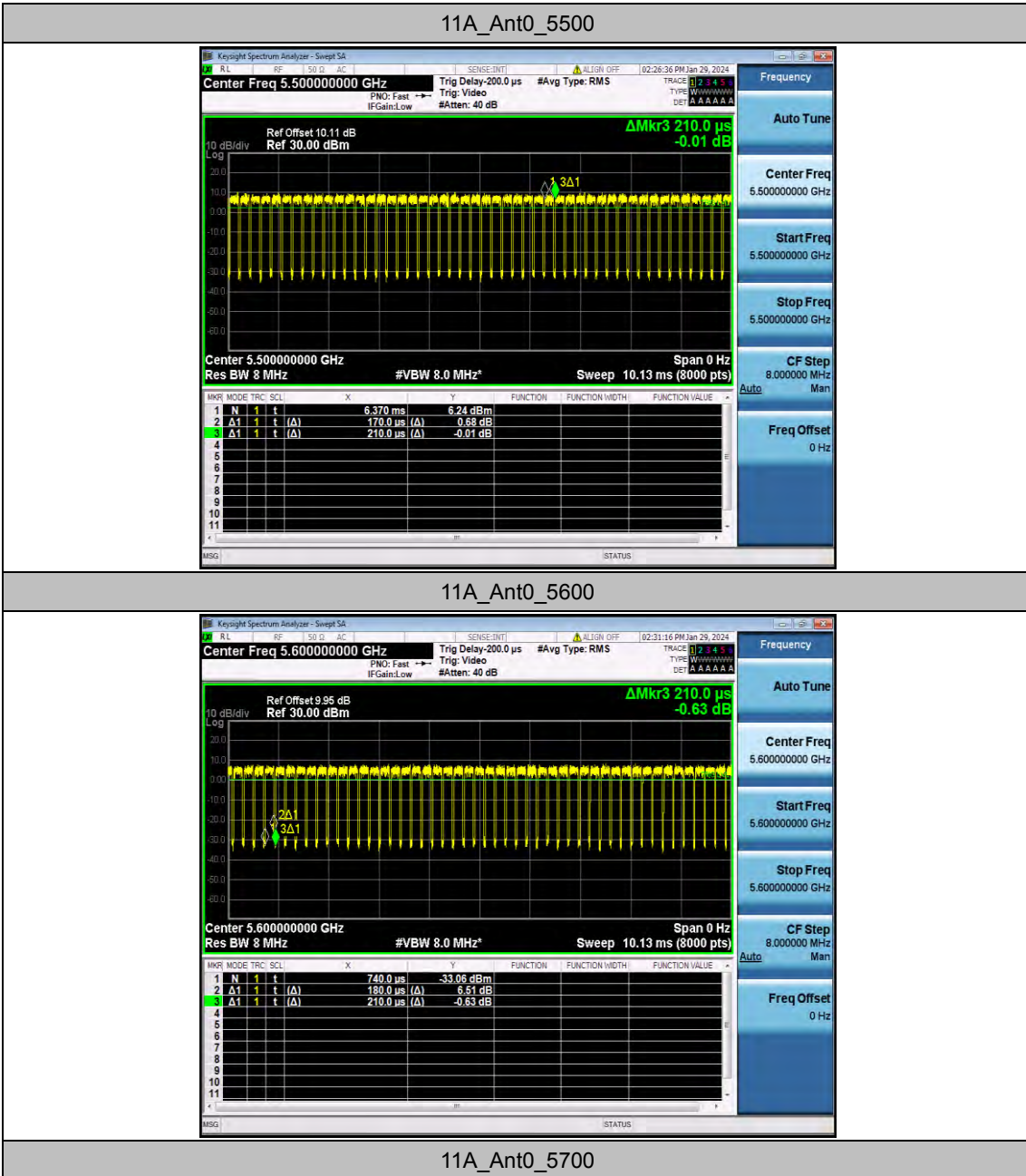


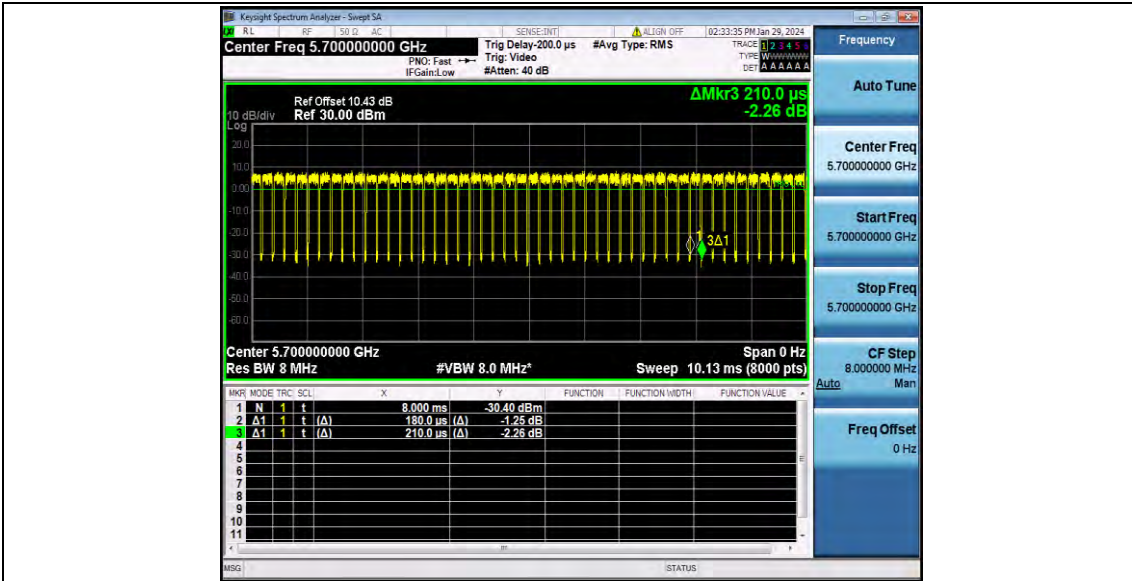
Appendix F.3: Duty Cycle

Test Result

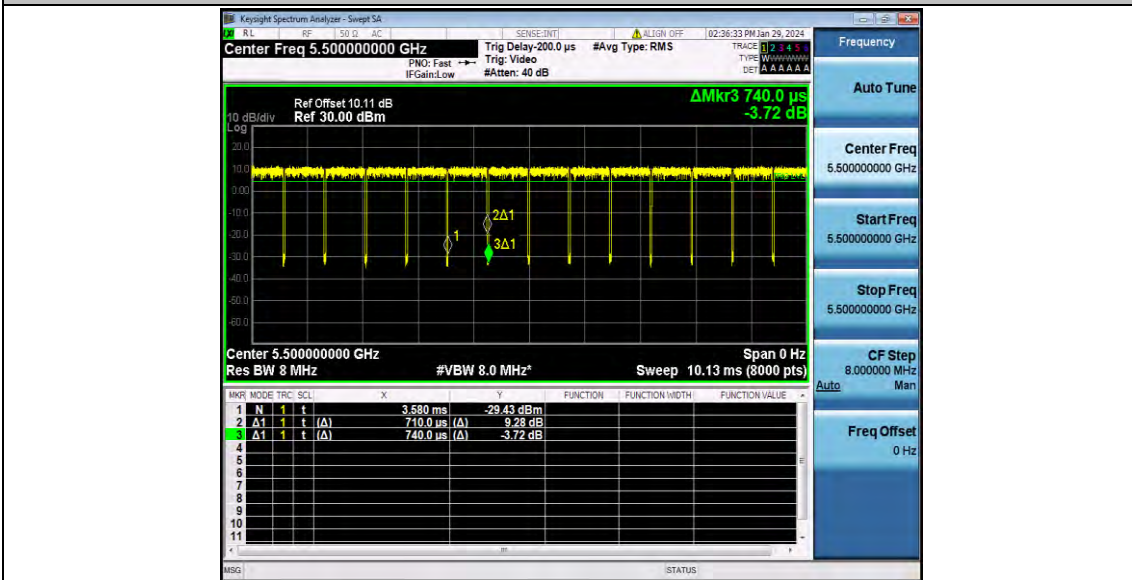
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5500	0.17	0.21	80.95	0.92	5.88
		5600	0.18	0.21	85.71	0.67	5.56
		5700	0.18	0.21	85.71	0.67	5.56
11N20SISO	Ant0	5500	0.71	0.74	95.95	0.18	1.41
		5600	0.70	0.74	94.59	0.24	1.43
		5700	0.71	0.74	95.95	0.18	1.41
11N40SISO	Ant0	5510	4.58	6.59	69.50	1.58	0.22
		5590	4.68	6.73	69.54	1.58	0.21
		5670	3.43	4.97	69.01	1.61	0.29
11AC20SISO	Ant0	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	0.20	85.00	0.71	5.88
11AC40SISO	Ant0	5510	4.58	6.59	69.50	1.58	0.22
		5590	4.58	6.58	69.60	1.57	0.22
		5670	4.57	6.58	69.45	1.58	0.22
11AC80SISO	Ant0	5530	2.45	5.07	48.32	3.16	0.41
		5610	2.45	5.08	48.23	3.17	0.41
11AX20SISO	Ant0	5500	0.16	0.19	84.21	0.75	6.25
		5600	0.15	0.19	78.95	1.03	6.67
		5700	0.16	0.19	84.21	0.75	6.25
11AX40SISO	Ant0	5510	2.88	5.07	56.80	2.46	0.35
		5590	3.81	6.72	56.70	2.46	0.26
		5670	2.88	5.07	56.80	2.46	0.35
11AX80SISO	Ant0	5530	2.58	5.07	50.89	2.93	0.39
		5610	3.38	6.71	50.37	2.98	0.30

Test Graphs

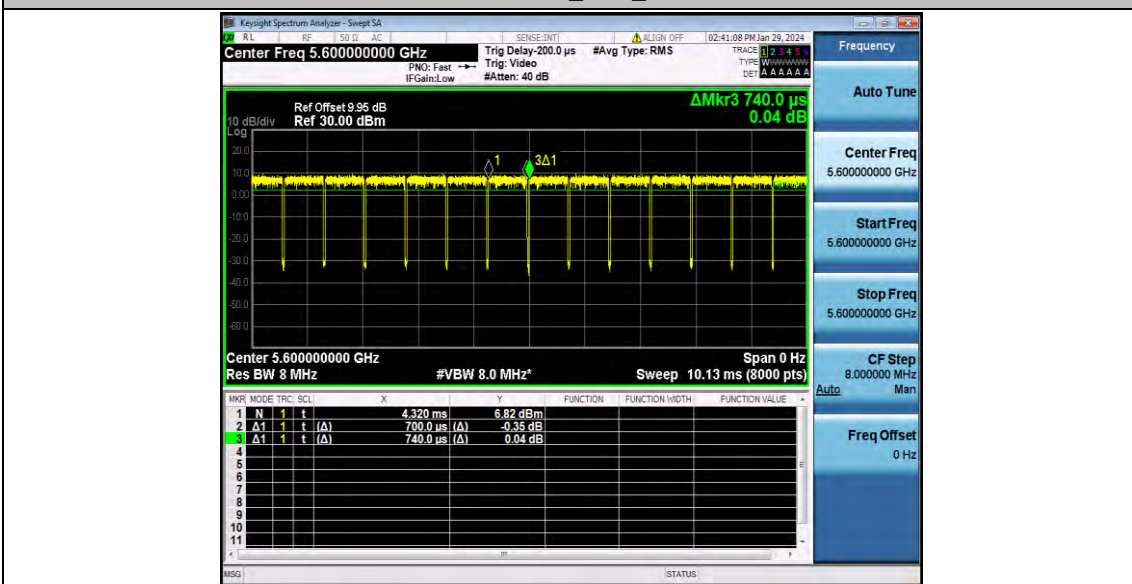




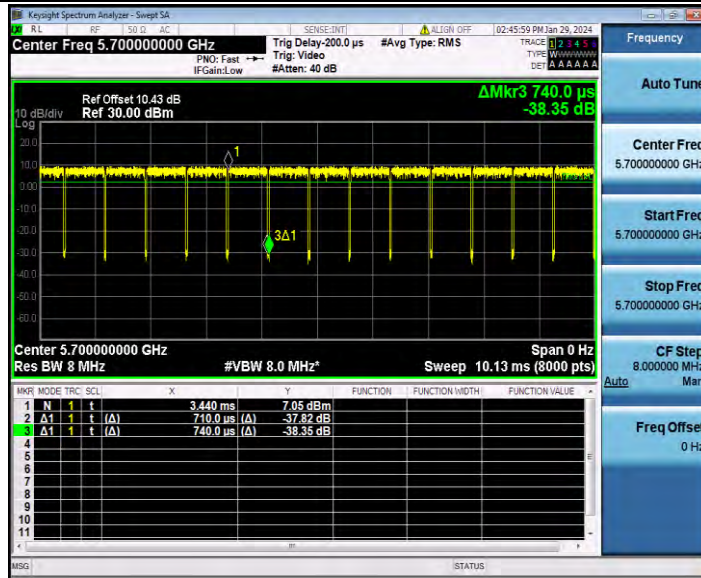
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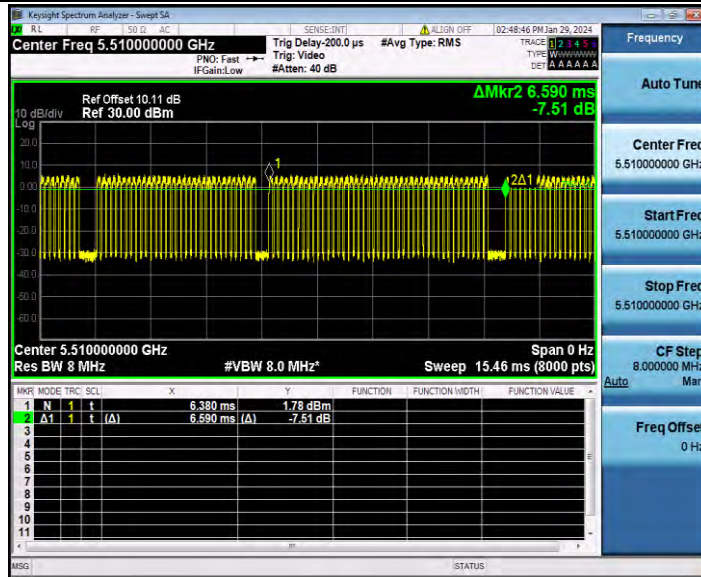
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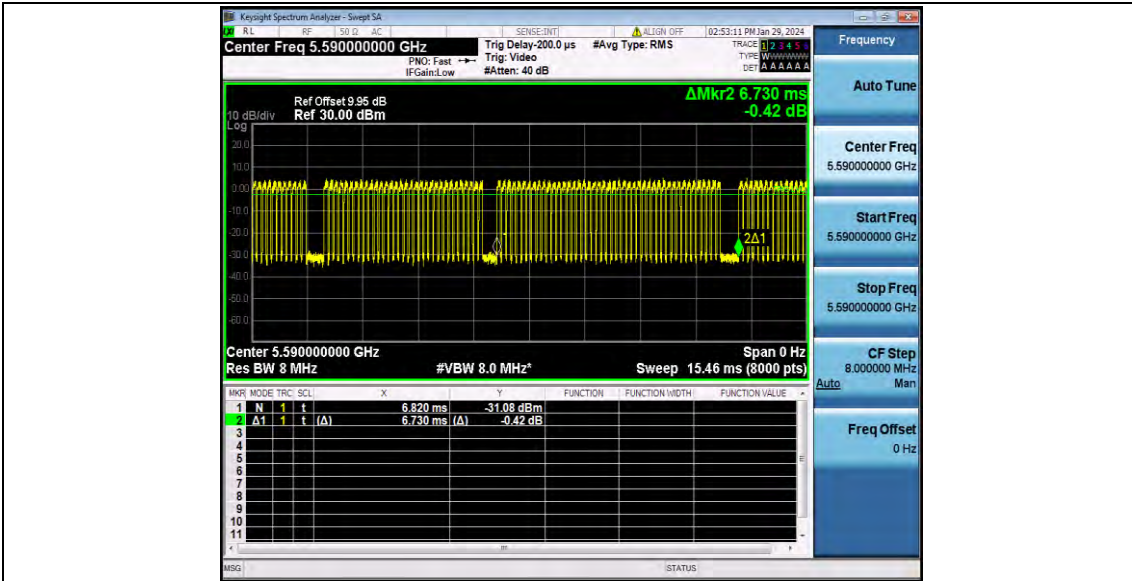
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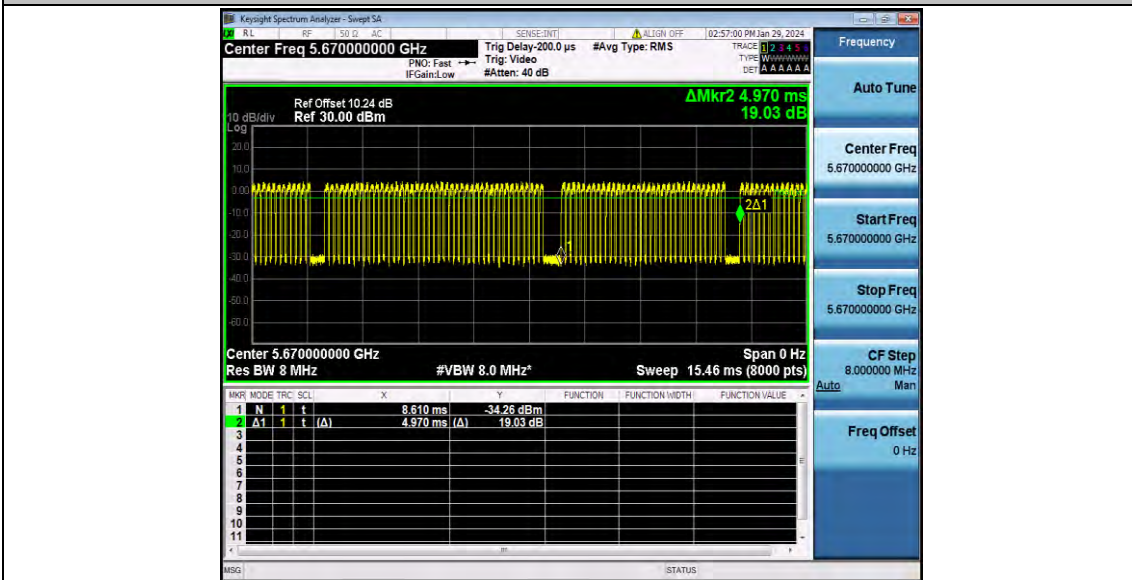
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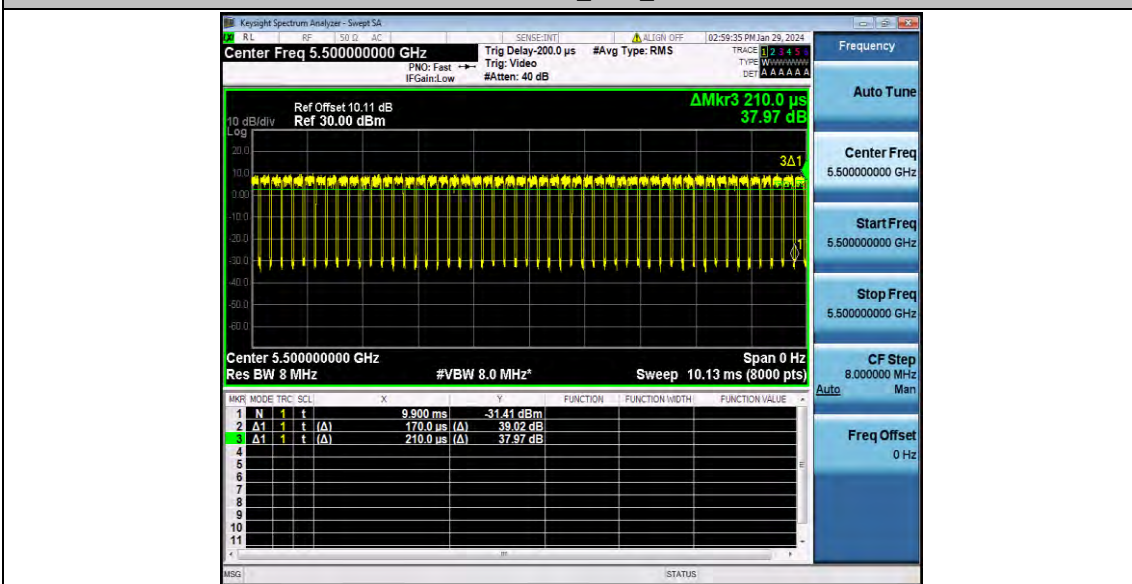
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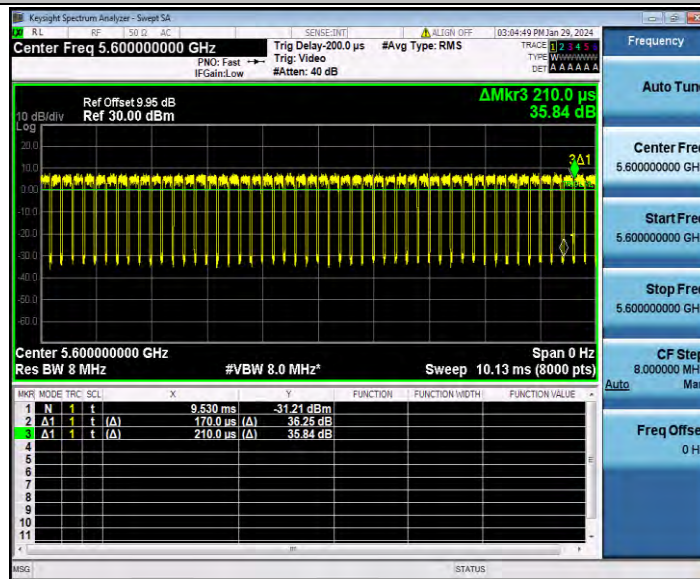
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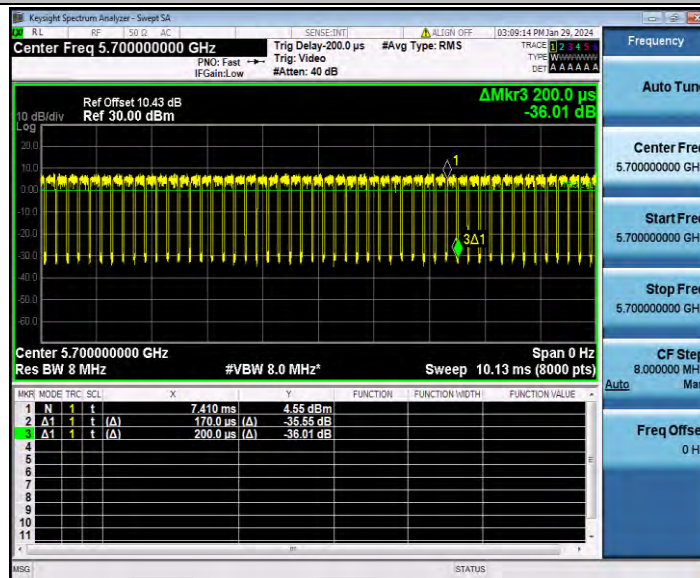
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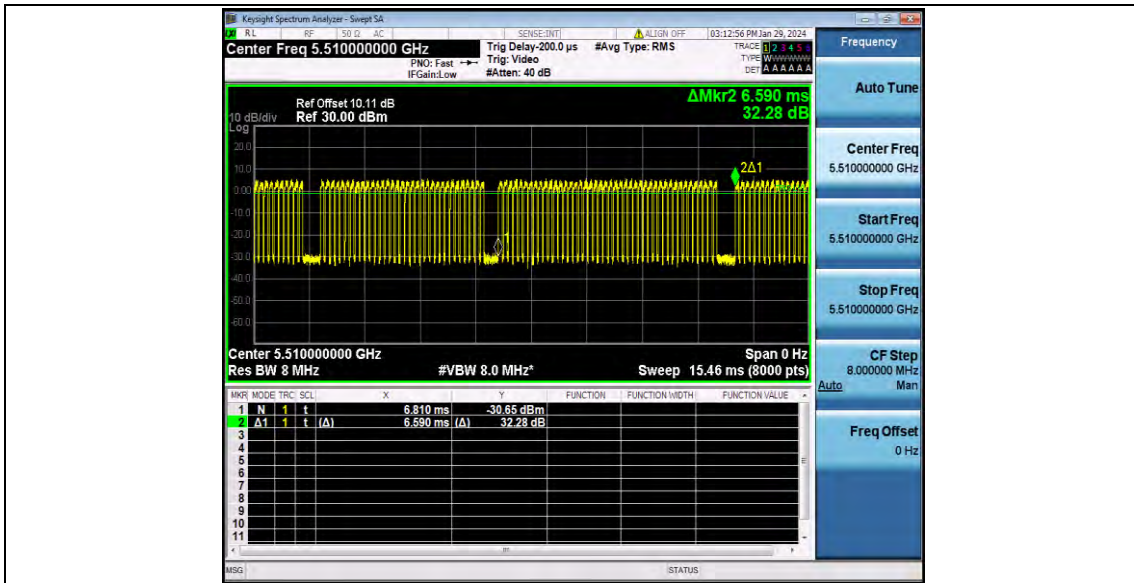
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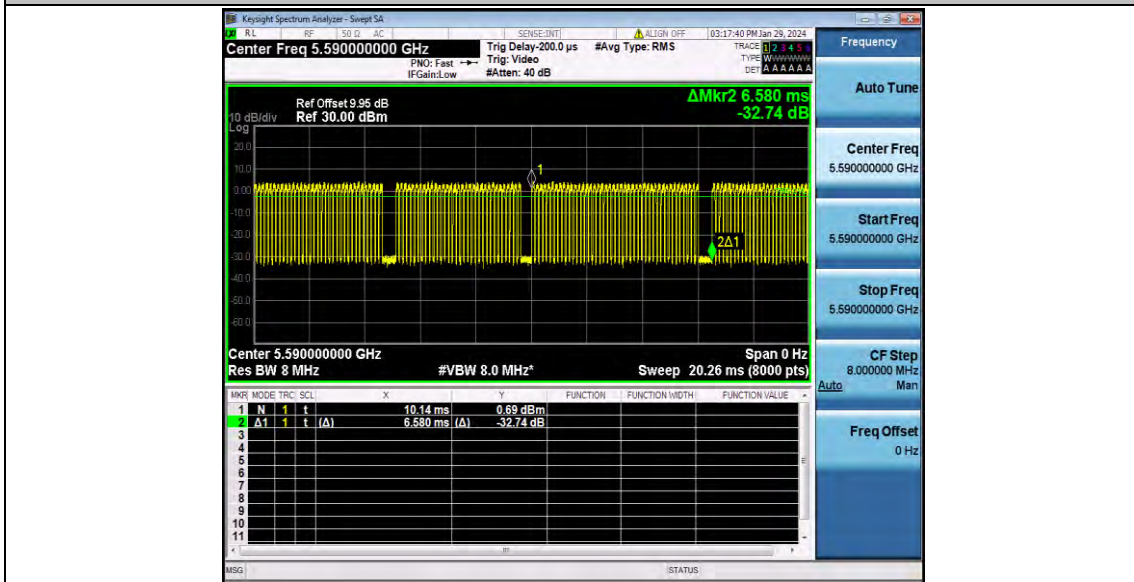
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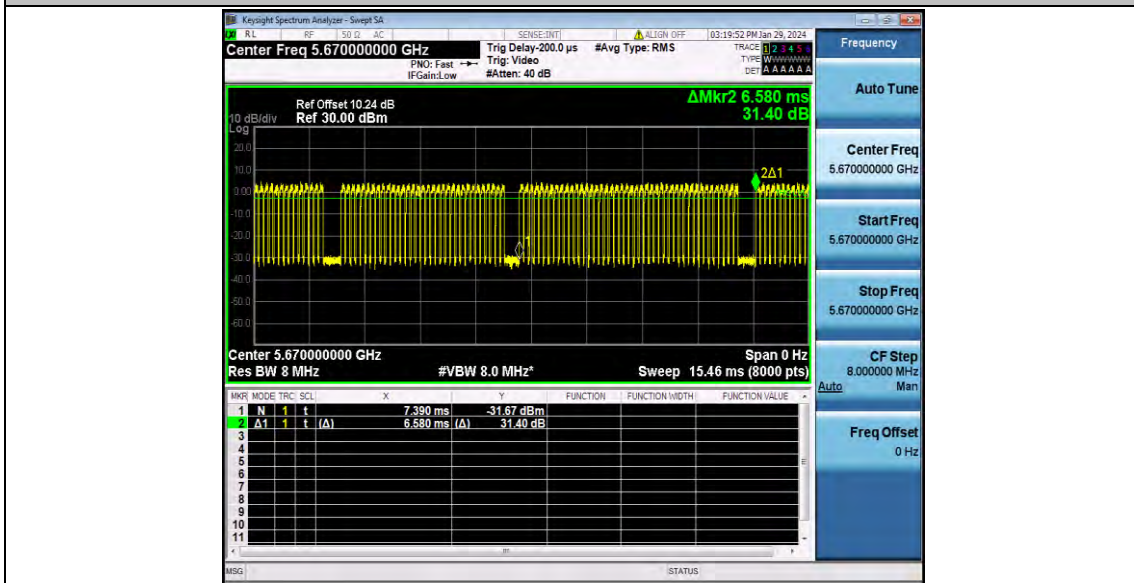
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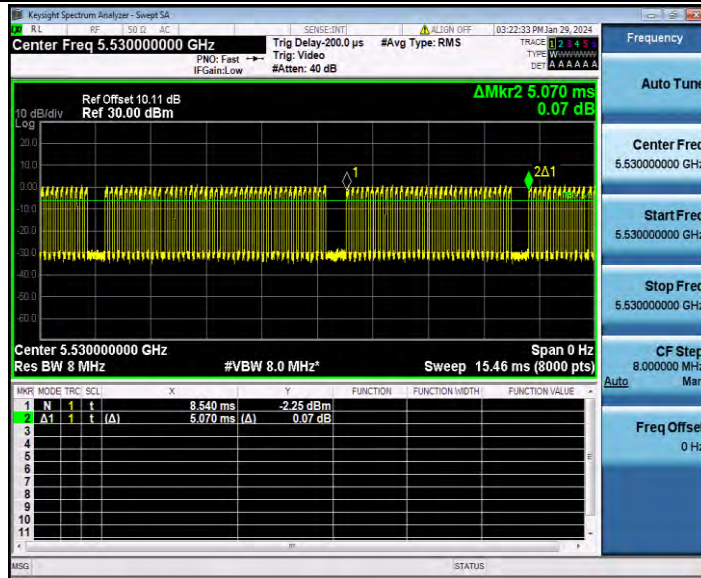
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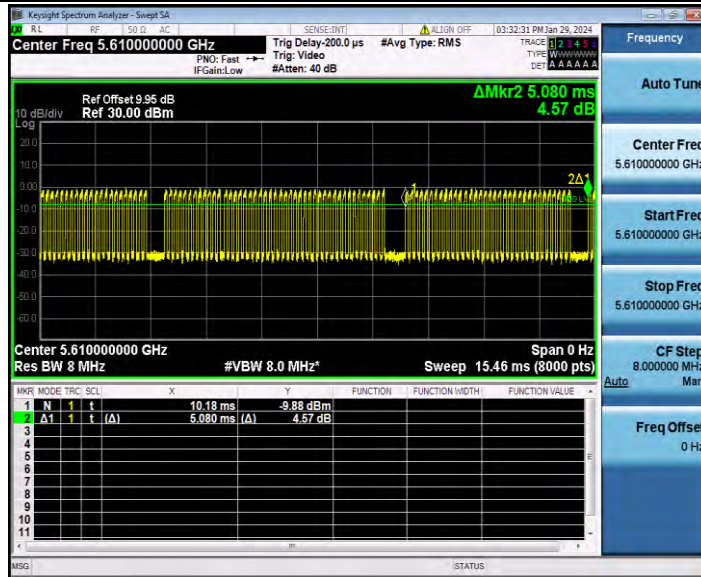
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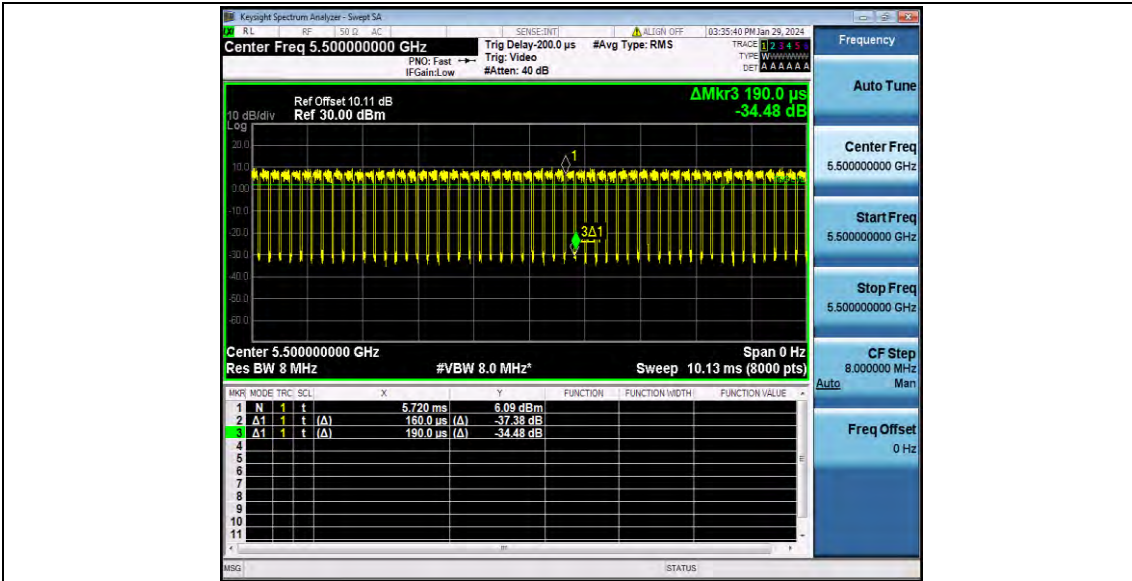
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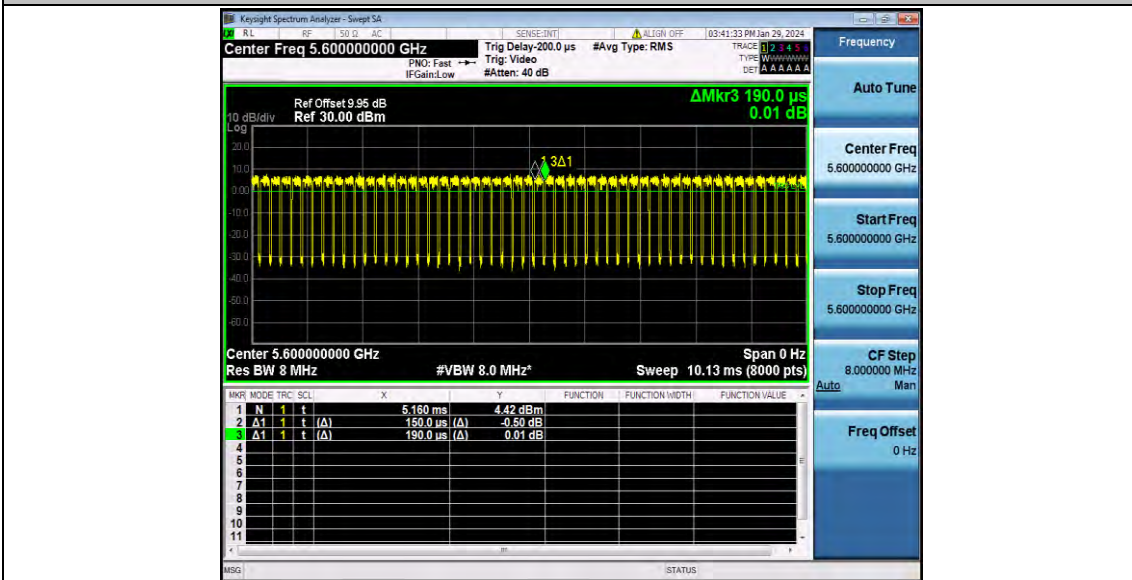
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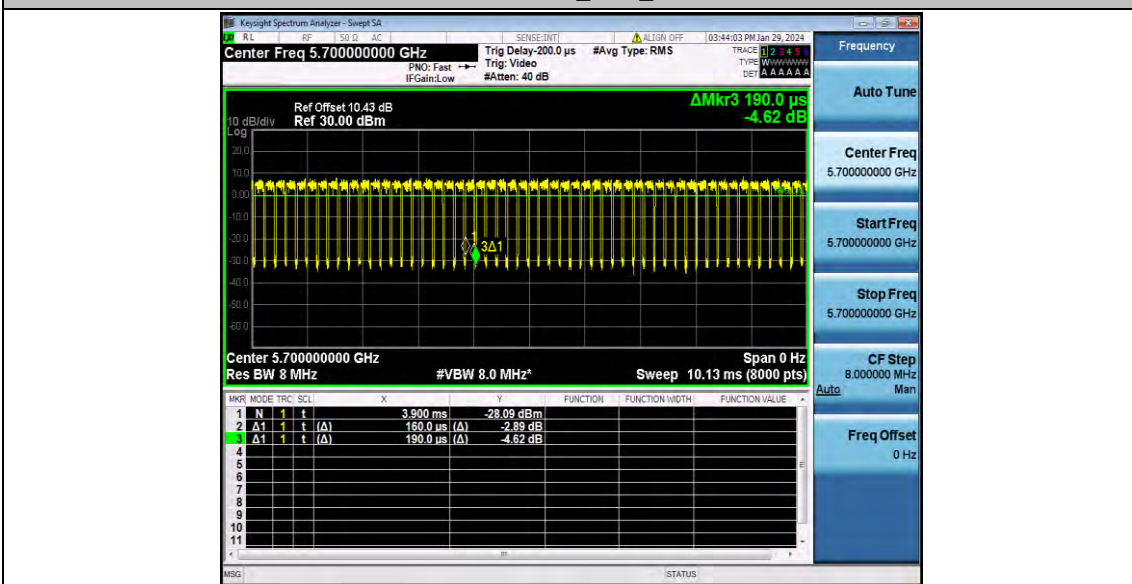
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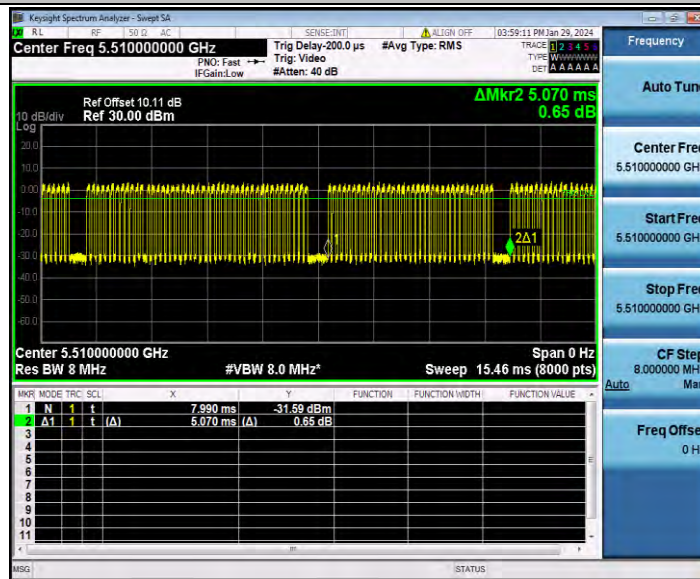
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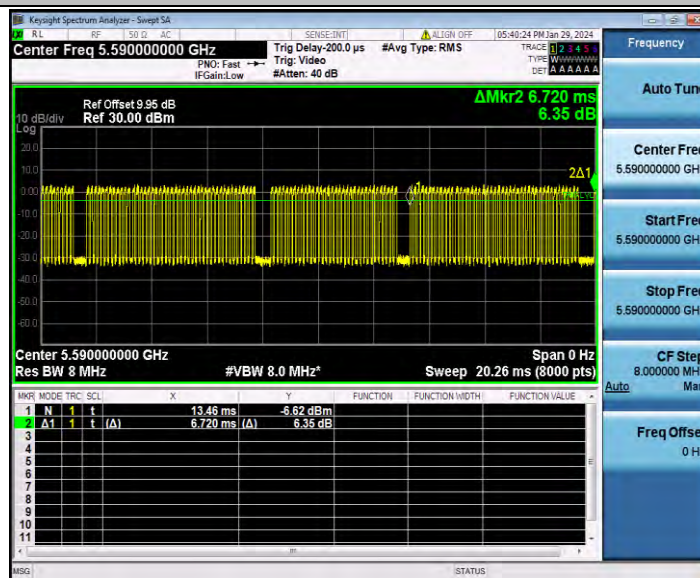
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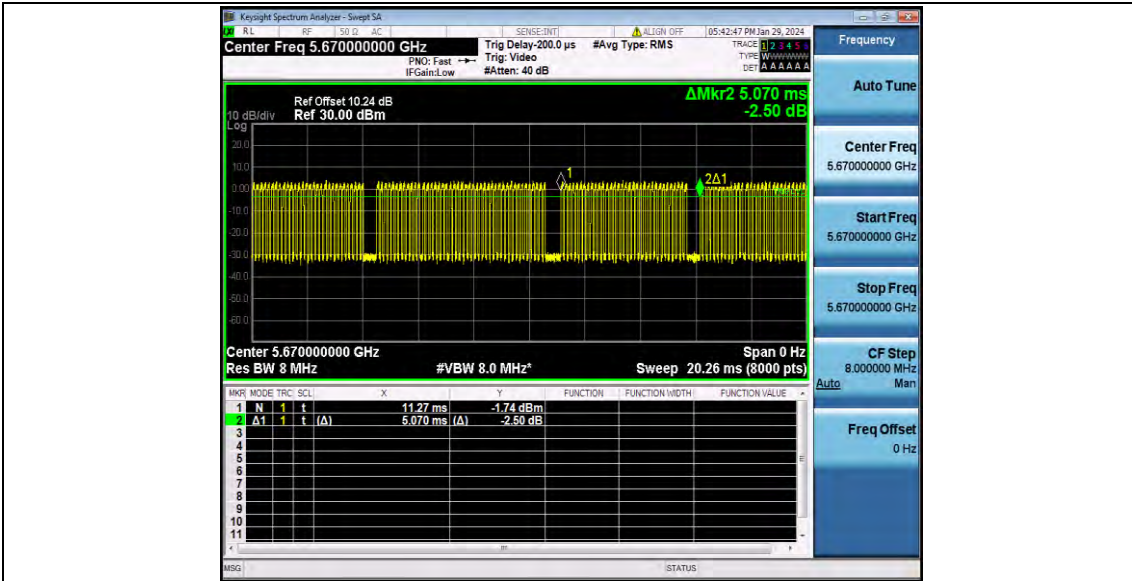
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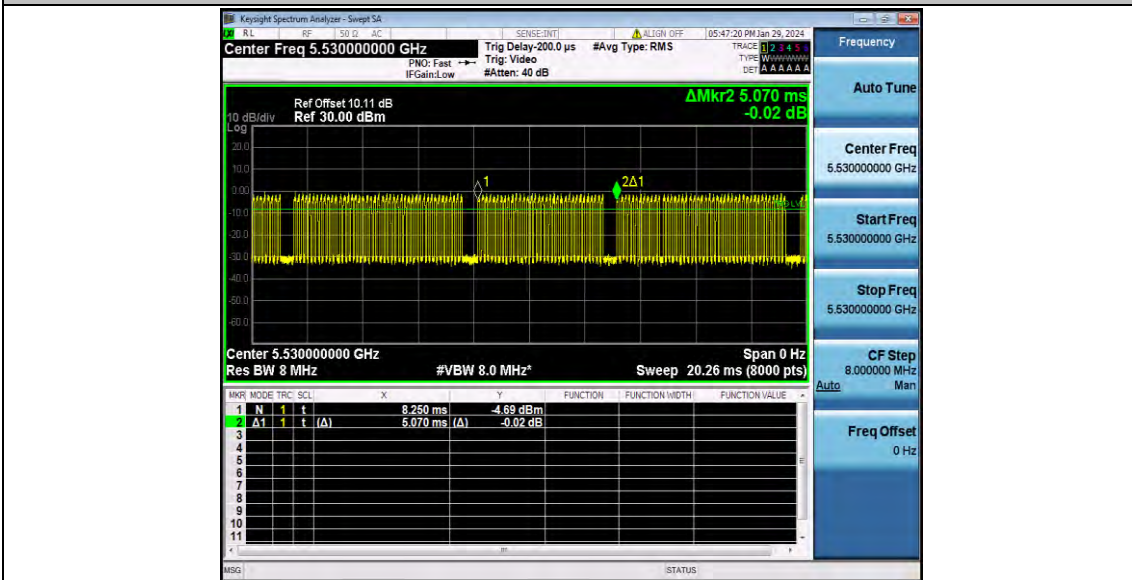
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11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



11AX80SISO_Ant0_5610

