

Case No. : <u>GTS20231018011-1-18</u>
Ambient Condition: <u>25</u> °C, <u>48</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.12.11</u> Test Engineer: <u>Evan ouyang</u>

Appendix F.1: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	20.040	5490.080	5510.120	---	---
		5600	19.960	5590.000	5609.960	---	---
		5700	20.000	5690.040	5710.040	---	---
11N20SISO	Ant1	5500	20.240	5489.840	5510.080	---	---
		5600	20.080	5590.000	5610.080	---	---
		5700	20.200	5689.920	5710.120	---	---
11N40SISO	Ant1	5510	40.480	5489.840	5530.320	---	---
		5590	40.560	5569.600	5610.160	---	---
		5670	40.640	5649.680	5690.320	---	---
11AC20SISO	Ant1	5500	20.160	5489.920	5510.080	---	---
		5600	20.160	5589.880	5610.040	---	---
		5700	20.160	5689.920	5710.080	---	---
11AC40SISO	Ant1	5510	40.320	5489.840	5530.160	---	---
		5590	40.480	5569.680	5610.160	---	---
		5670	40.480	5649.760	5690.240	---	---
11AC80SISO	Ant1	5530	81.600	5489.200	5570.800	---	---
		5610	82.240	5569.040	5651.280	---	---

Test Graphs



11A_Ant1_5500



11A_Ant1_5600



11A_Ant1_5700



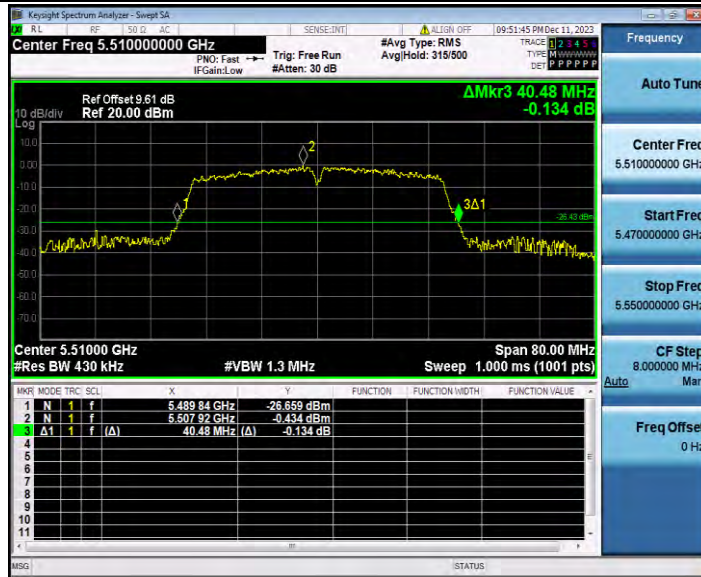
11N20SISO_Ant1_5500



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



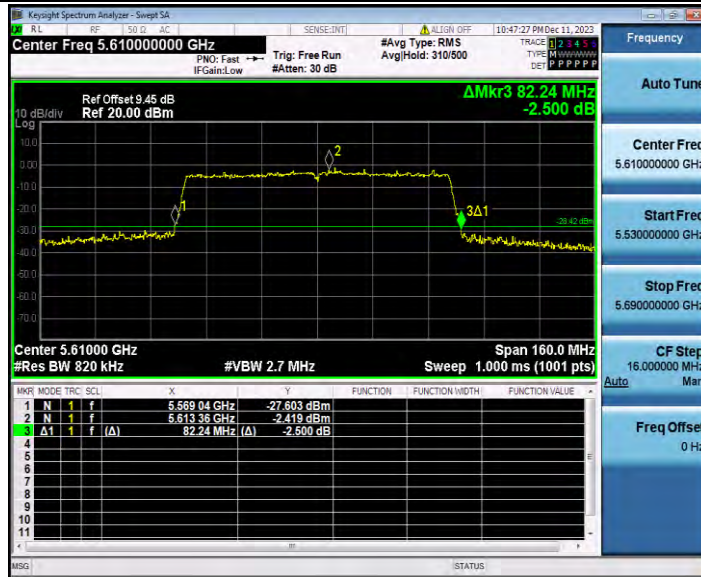
11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610

Appendix F.2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	17.096	5491.447	5508.543	---	---
		5600	17.134	5591.398	5608.532	---	---
		5700	17.152	5691.409	5708.561	---	---
11N20SISO	Ant1	5500	17.755	5491.144	5508.899	---	---
		5600	17.775	5591.111	5608.886	---	---
		5700	17.838	5691.107	5708.945	---	---
11N40SISO	Ant1	5510	36.251	5491.971	5528.222	---	---
		5590	36.355	5571.836	5608.191	---	---
		5670	36.311	5651.928	5688.239	---	---
11AC20SISO	Ant1	5500	17.696	5491.170	5508.866	---	---
		5600	17.755	5591.118	5608.873	---	---
		5700	17.747	5691.164	5708.911	---	---
11AC40SISO	Ant1	5510	36.116	5492.041	5528.157	---	---
		5590	36.317	5571.840	5608.157	---	---
		5670	36.114	5652.018	5688.132	---	---
11AC80SISO	Ant1	5530	75.645	5492.163	5567.808	---	---
		5610	76.096	5572.028	5648.124	---	---

Test Graphs



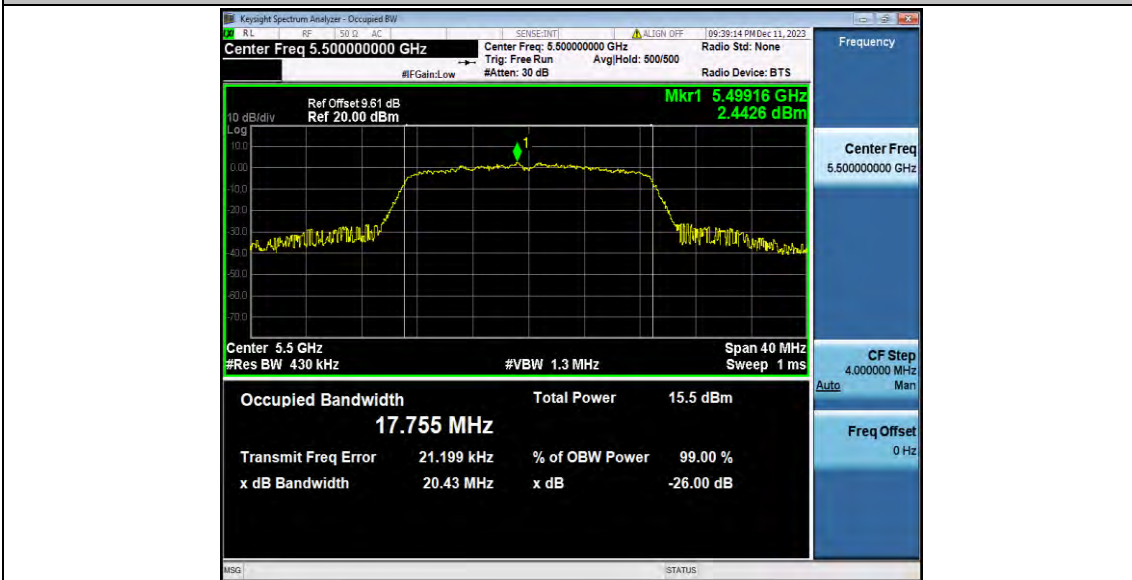
11A_Ant1_5500



11A_Ant1_5600



11A_Ant1_5700



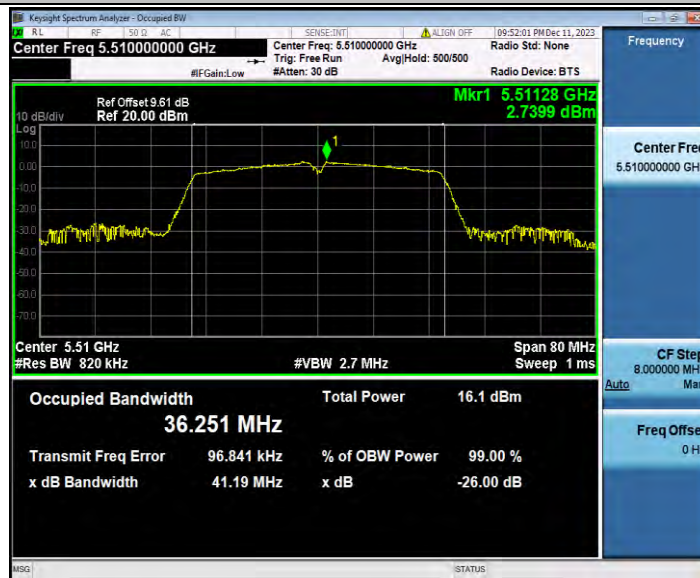
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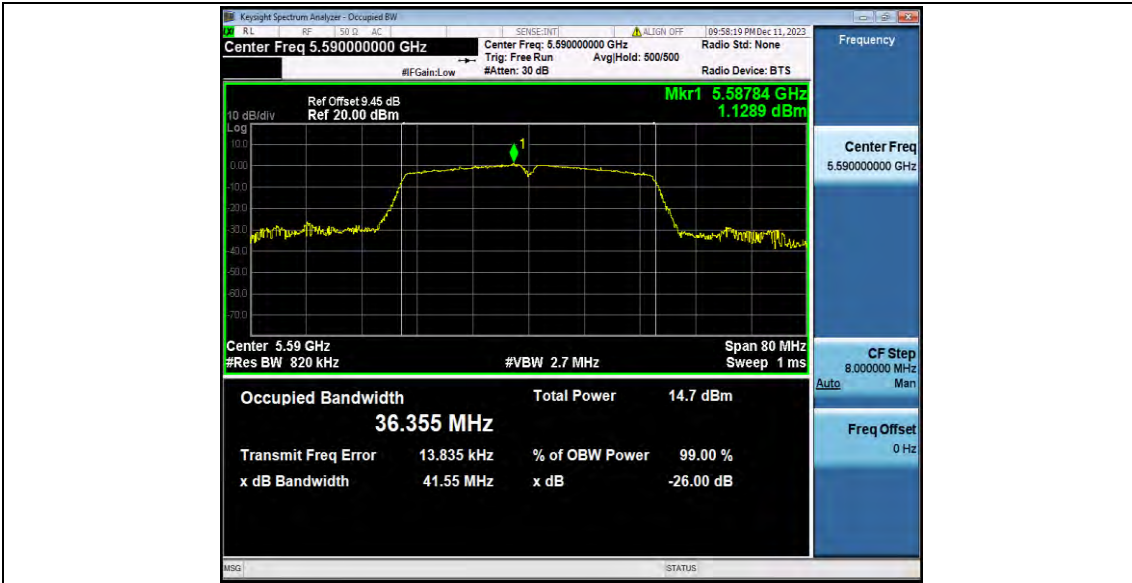
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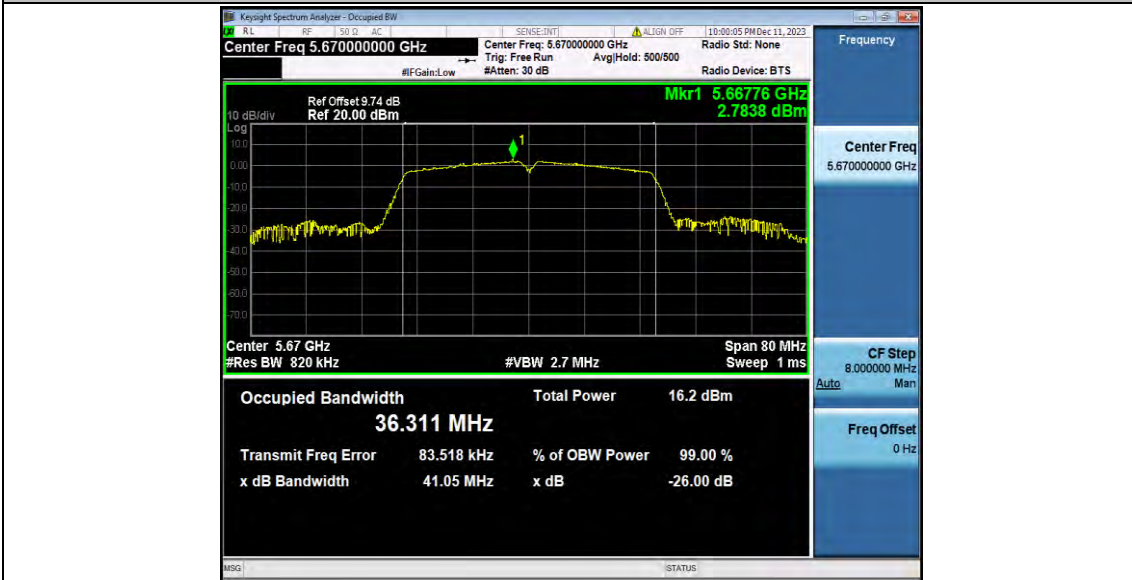
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11N40SISO_Ant1_5510



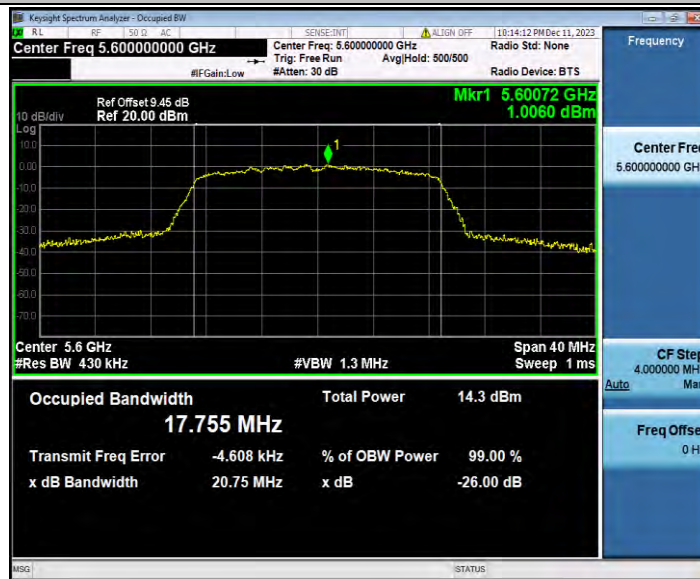
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11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



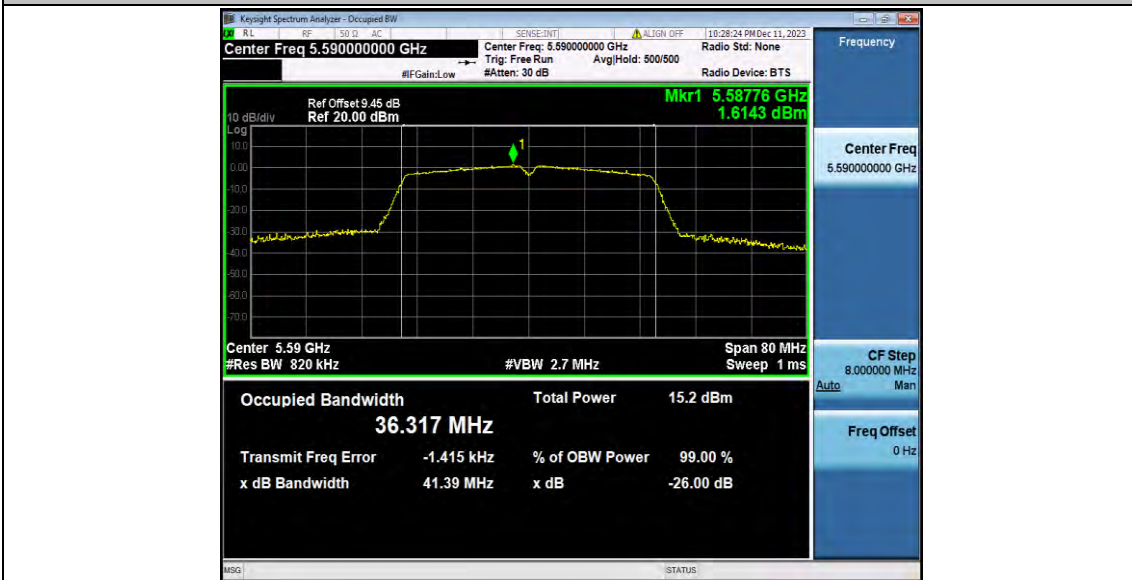
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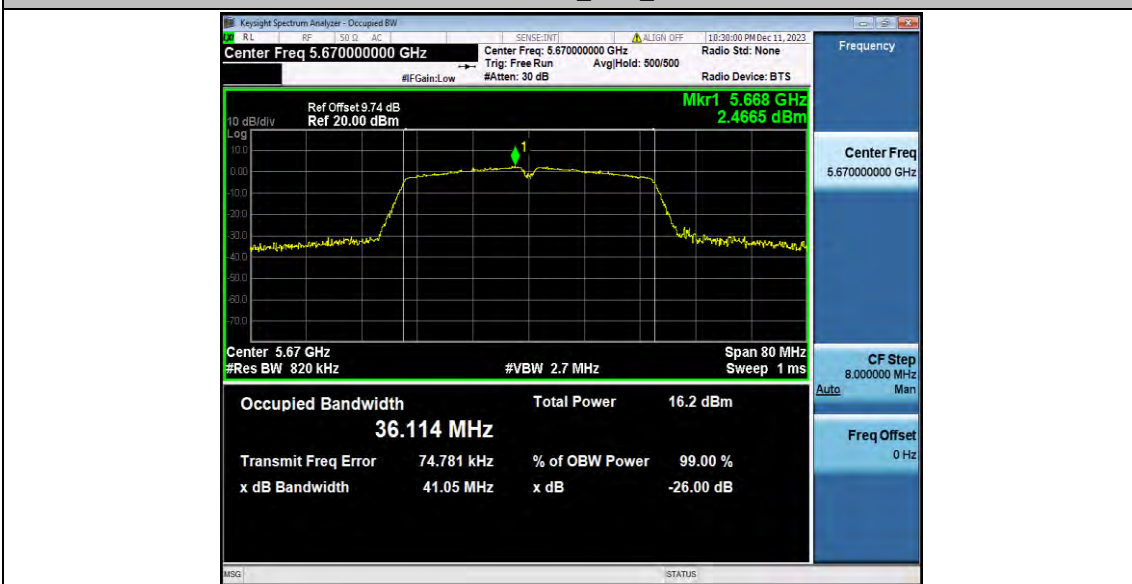
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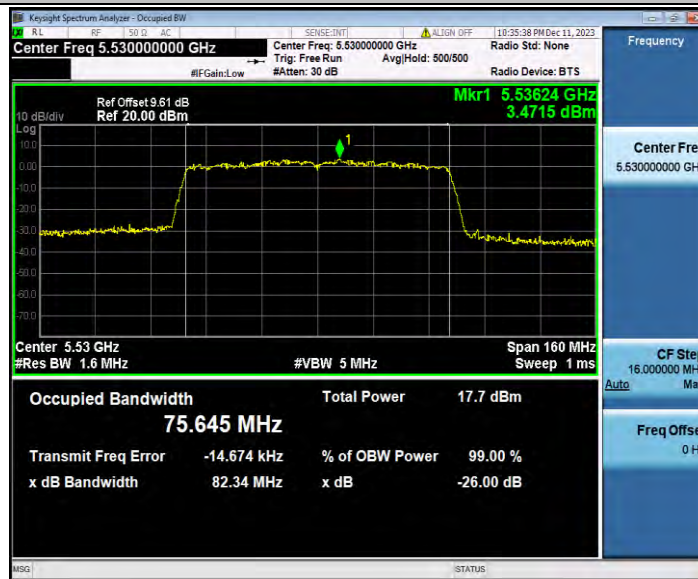
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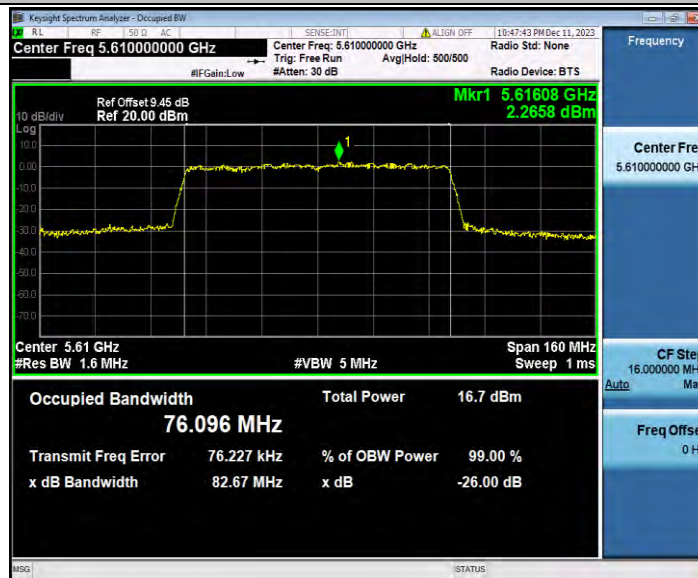
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11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



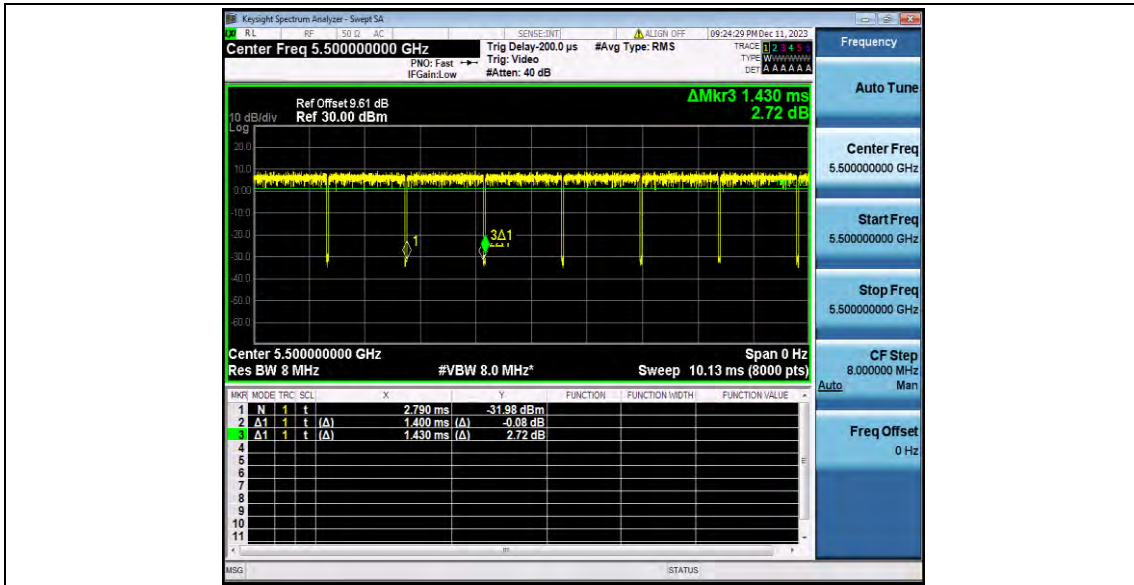
11AC80SISO_Ant1_5610

Appendix F.3: Duty Cycle

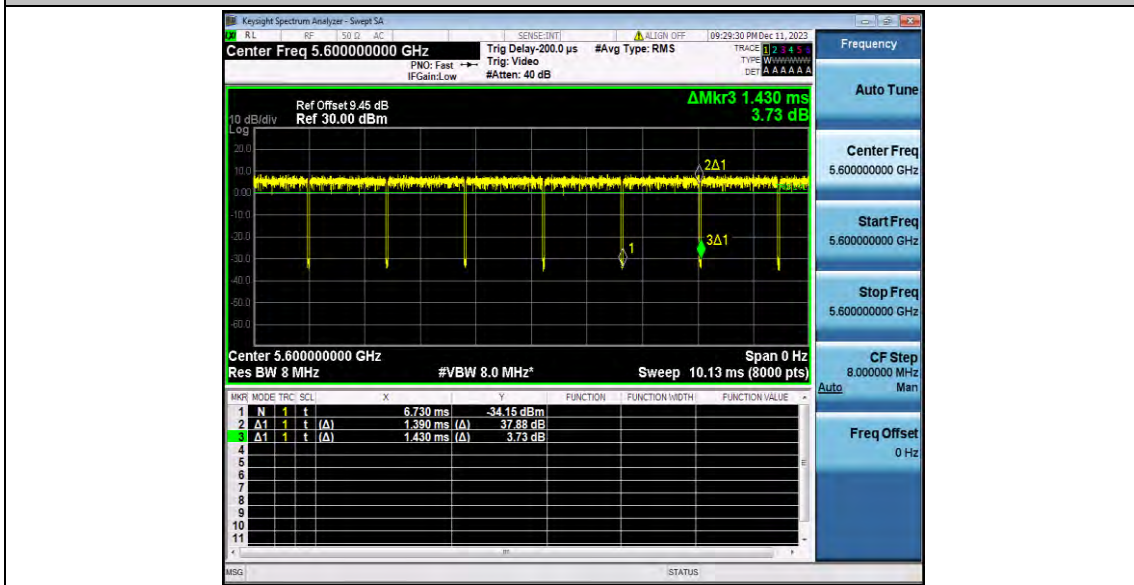
Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5500	1.40	1.43	97.90
		5600	1.39	1.43	97.20
		5700	1.39	1.43	97.20
11N20SISO	Ant1	5500	1.30	1.34	97.01
		5600	1.30	1.34	97.01
		5700	1.30	1.34	97.01
11N40SISO	Ant1	5510	0.64	0.68	94.12
		5590	0.65	0.69	94.20
		5670	0.64	0.68	94.12
11AC20SISO	Ant1	5500	1.31	1.35	97.04
		5600	1.31	1.35	97.04
		5700	1.31	1.35	97.04
11AC40SISO	Ant1	5510	0.65	0.69	94.20
		5590	0.65	0.69	94.20
		5670	0.65	0.68	95.59
11AC80SISO	Ant1	5530	0.32	0.36	88.89
		5610	0.32	0.36	88.89

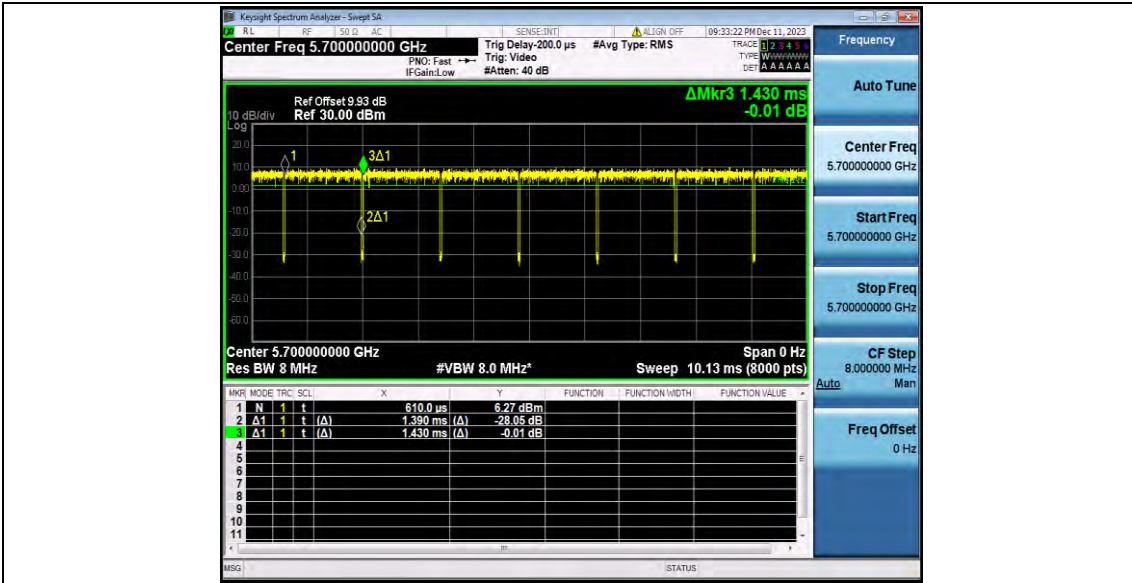
Test Graphs



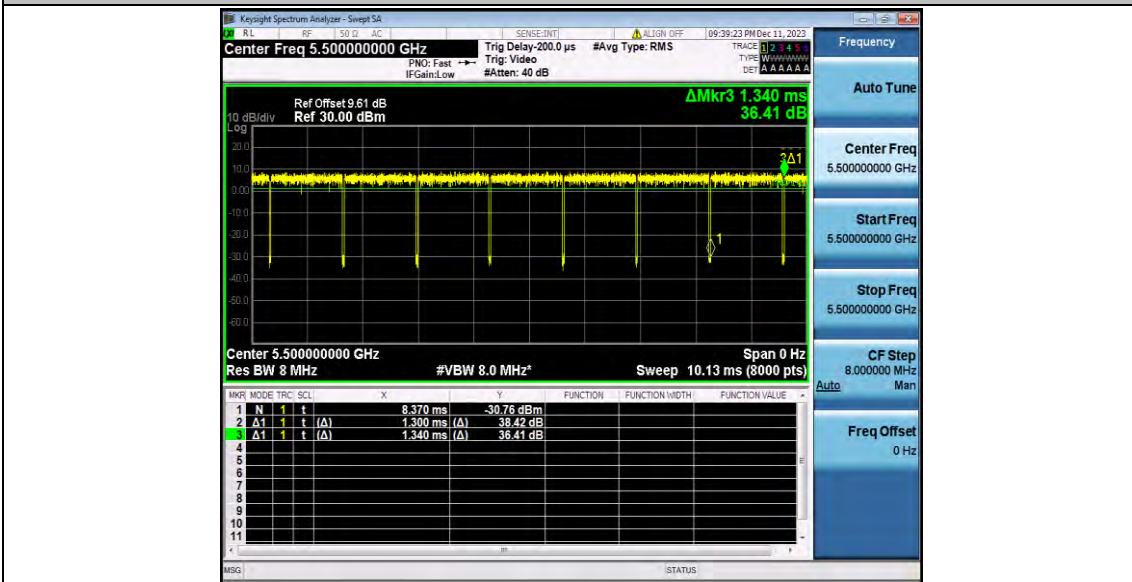
11A_Ant1_5500



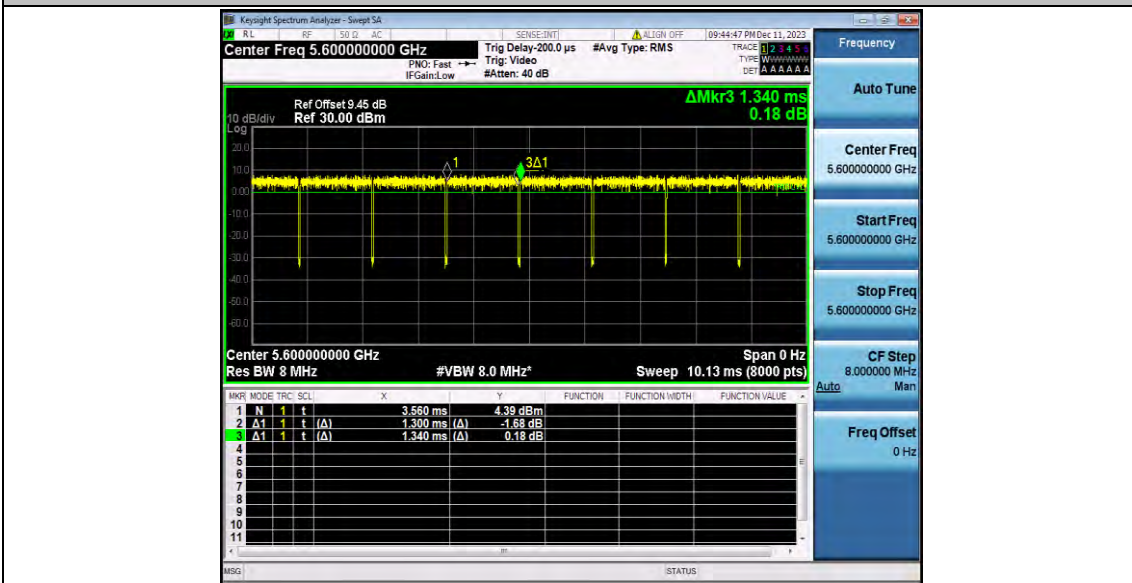
11A_Ant1_5600



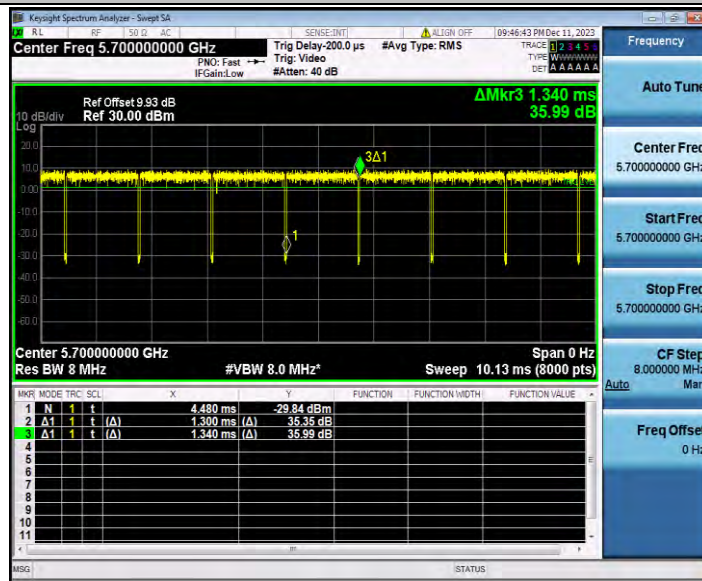
11A_Ant1_5700



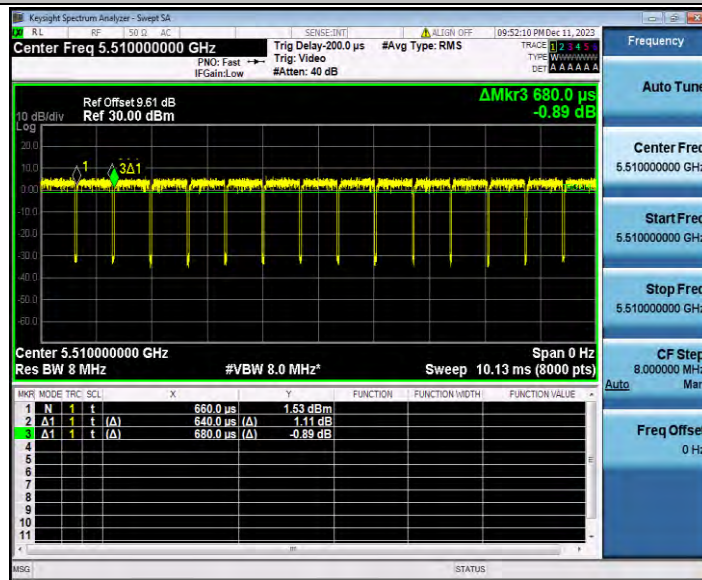
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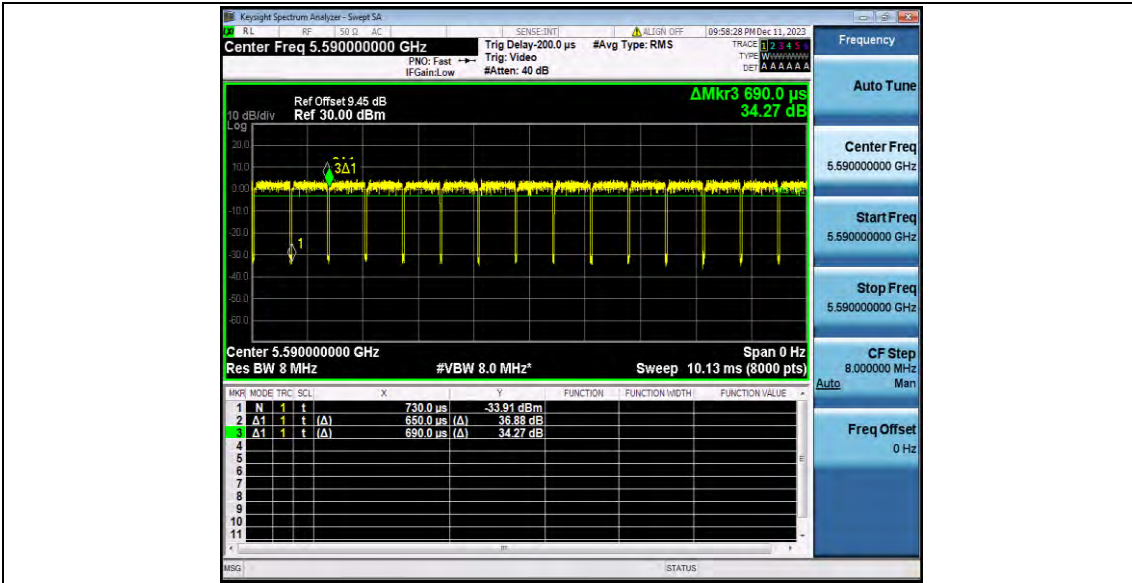
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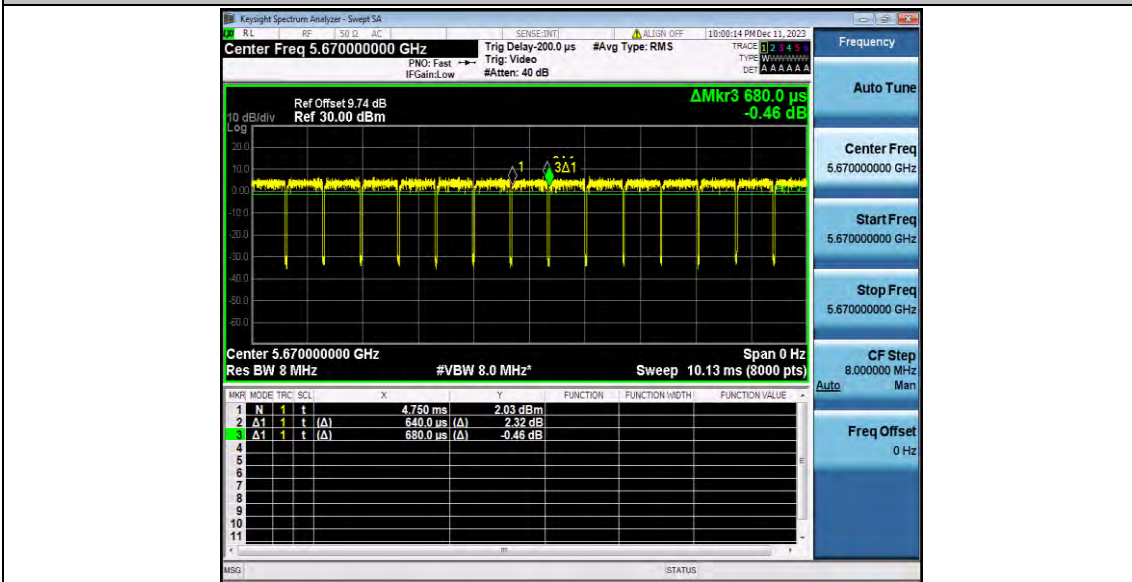
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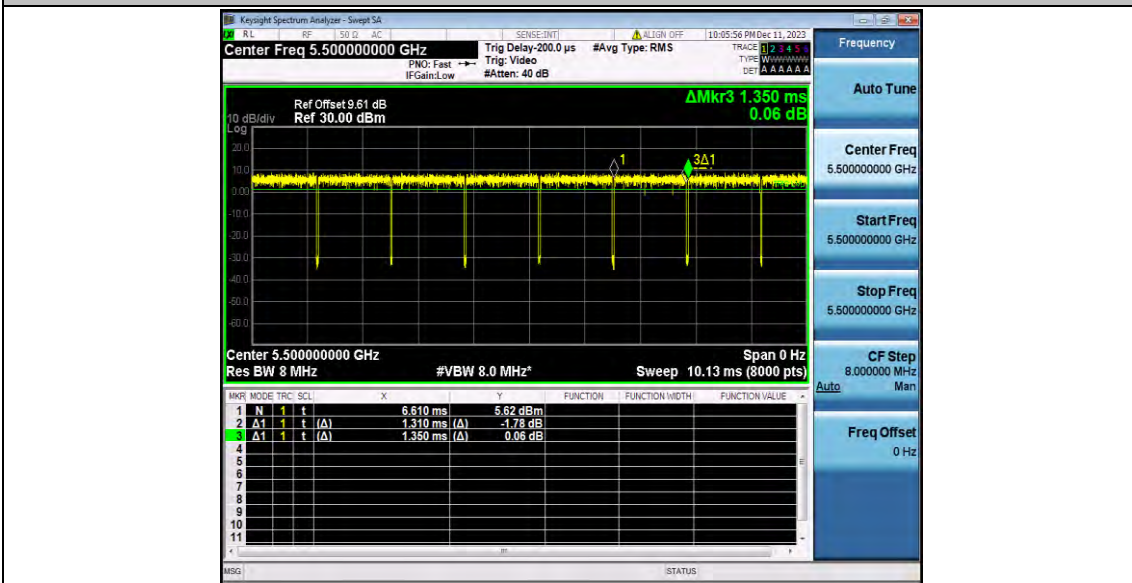
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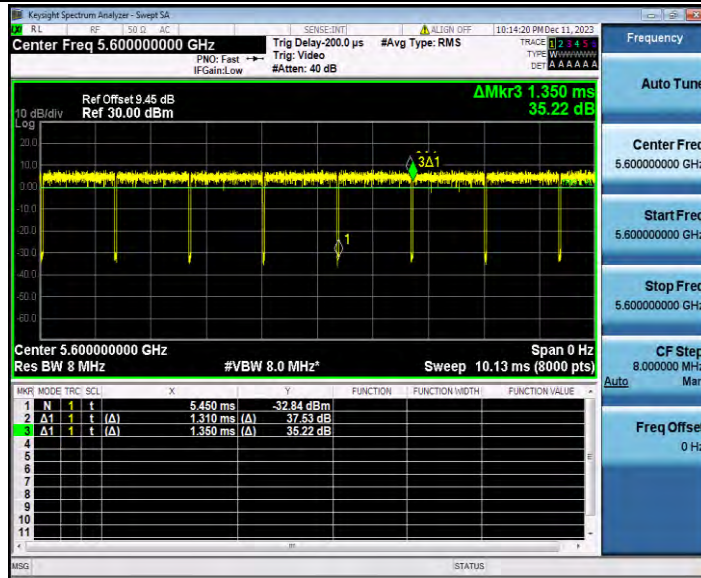
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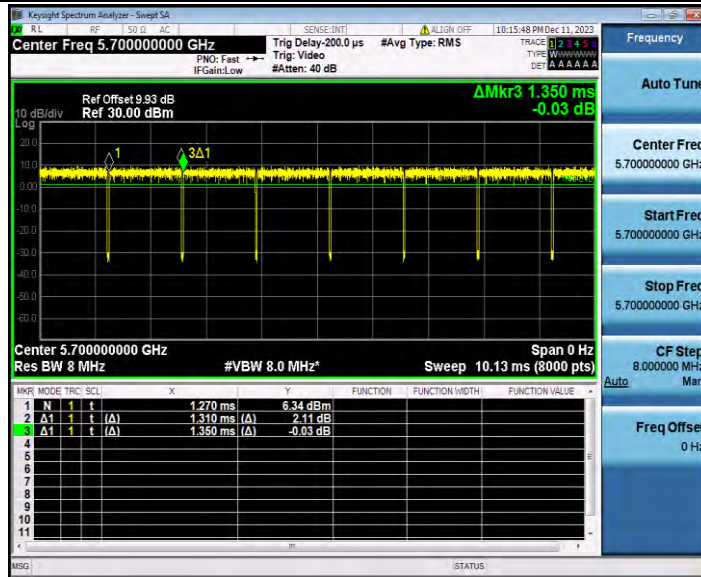
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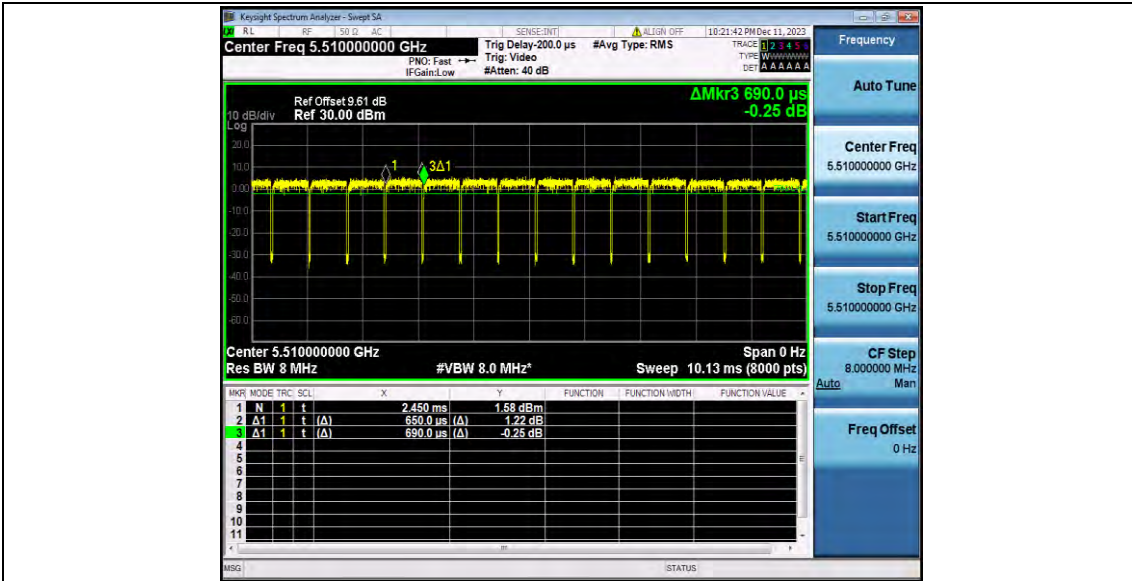
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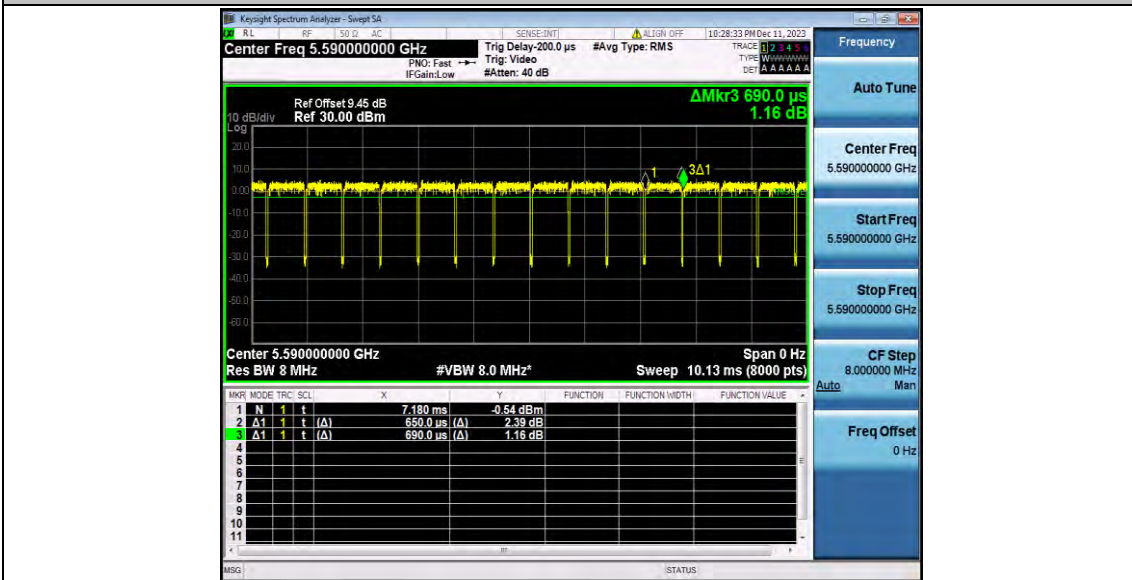
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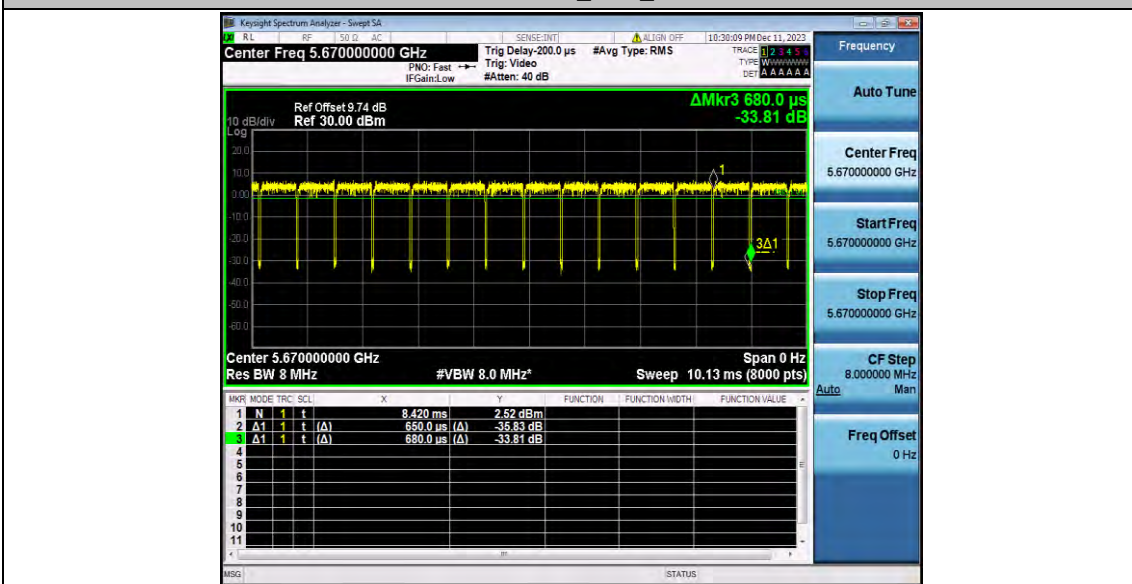
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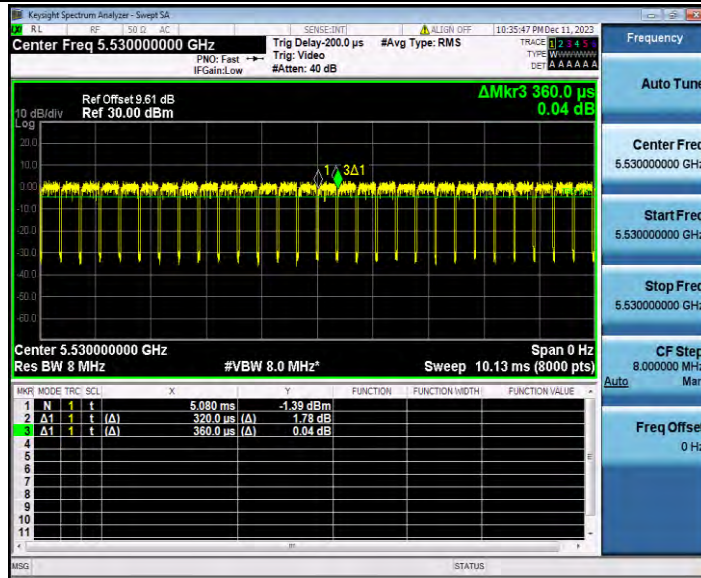
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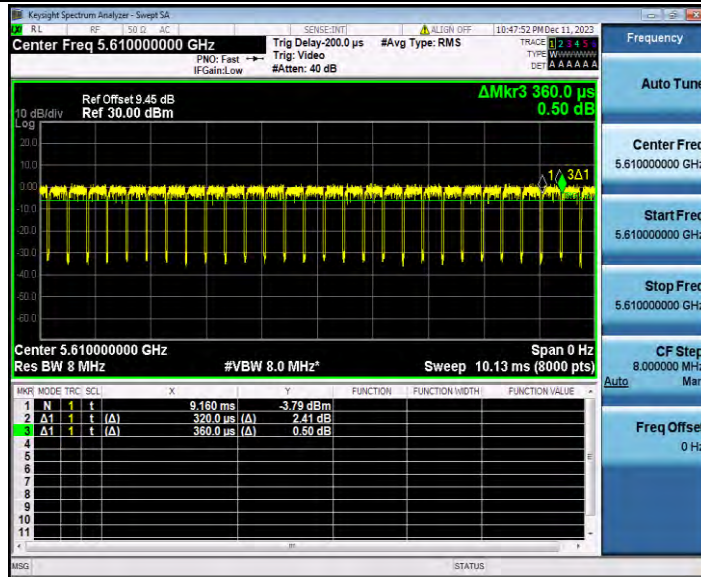
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11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610