

Case No. : <u>GTS20260616001-3-02</u>
Ambient Condition: <u>25</u> °C, <u>45</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.6.17-2026.7.1</u> Test Engineer: <u>Evan ouyang</u>

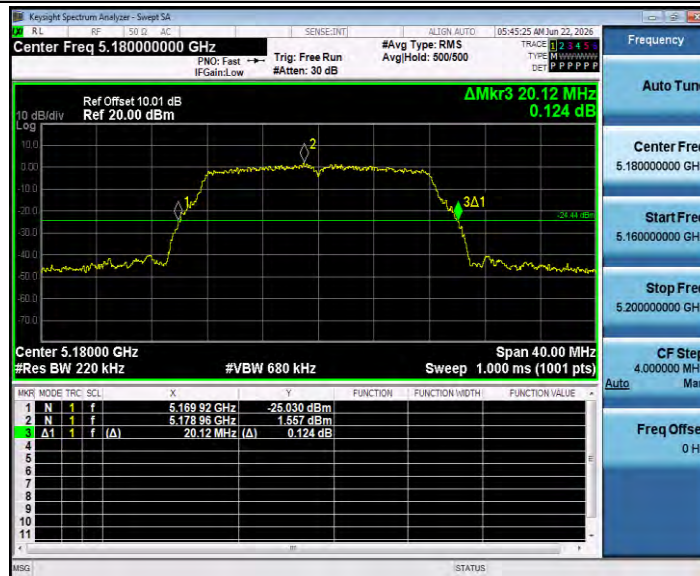
Appendix B.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant4	5180	20.120	5169.920	5190.040	---	---
		5200	20.000	5190.000	5210.000	---	---
		5240	19.880	5230.080	5249.960	---	---
11N20SISO	Ant4	5180	20.400	5169.760	5190.160	---	---
		5200	20.560	5189.640	5210.200	---	---
		5240	20.480	5229.800	5250.280	---	---
11N40SISO	Ant4	5190	40.160	5170.000	5210.160	---	---
		5230	40.000	5210.000	5250.000	---	---
11AC20SISO	Ant4	5180	20.280	5169.840	5190.120	---	---
		5200	20.320	5189.840	5210.160	---	---
		5240	20.160	5229.840	5250.000	---	---
11AC40SISO	Ant4	5190	39.680	5170.240	5209.920	---	---
		5230	39.760	5210.240	5250.000	---	---
11AC80SISO	Ant4	5210	79.040	5170.480	5249.520	---	---
11AX20SISO	Ant4	5180	24.800	5168.640	5193.440	---	---
		5200	22.720	5188.520	5211.240	---	---
		5240	19.960	5230.000	5249.960	---	---
11AX40SISO	Ant4	5190	39.600	5170.240	5209.840	---	---
		5230	39.600	5210.160	5249.760	---	---
11AX80SISO	Ant4	5210	80.320	5169.840	5250.160	---	---

Test Graphs

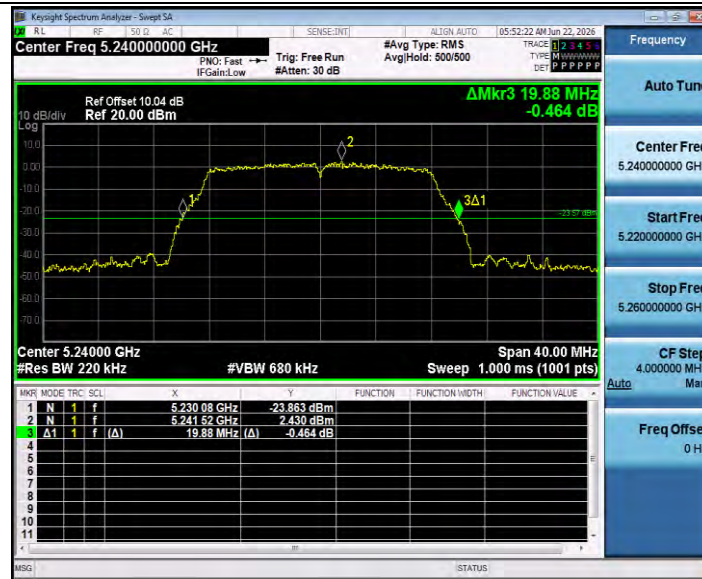
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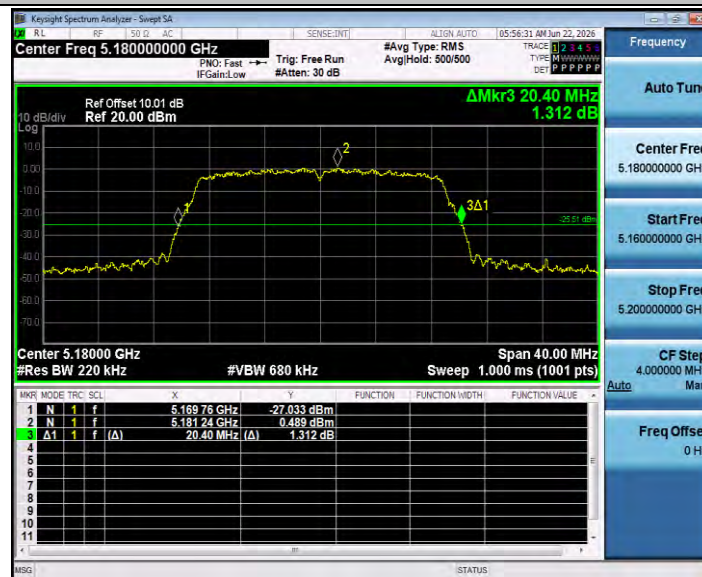
11A_Ant4_5200



11A_Ant4_5240



11N20SISO_Ant4_5180



11N20SISO_Ant4_5200





11AC20SISO_Ant4_5180



11AC20SISO_Ant4_5200



11AC20SISO_Ant4_5240



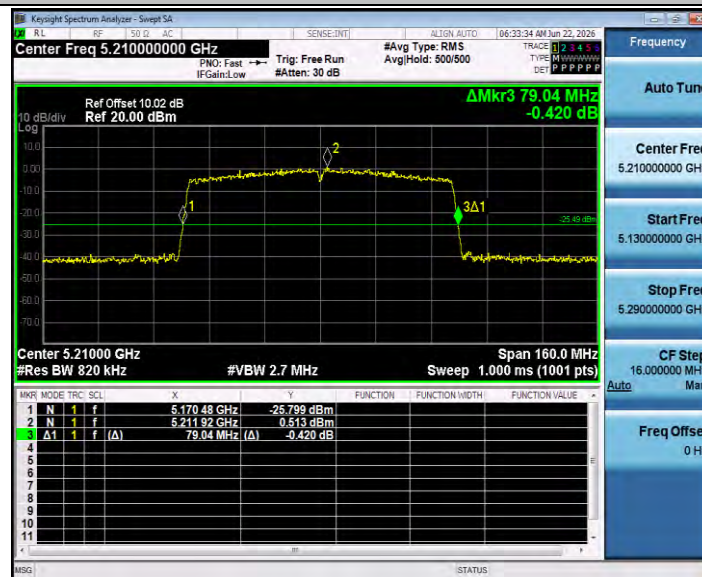
11AC40SISO_Ant4_5190



11AC40SISO_Ant4_5230



11AC80SISO_Ant4_5210



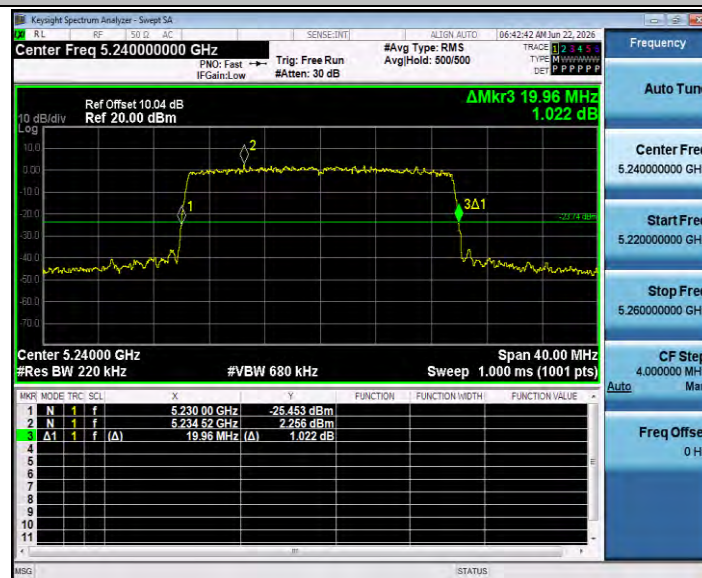
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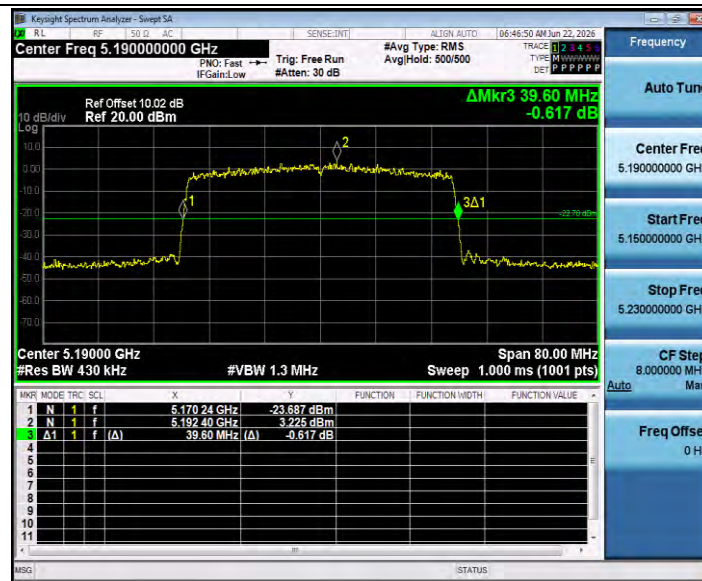
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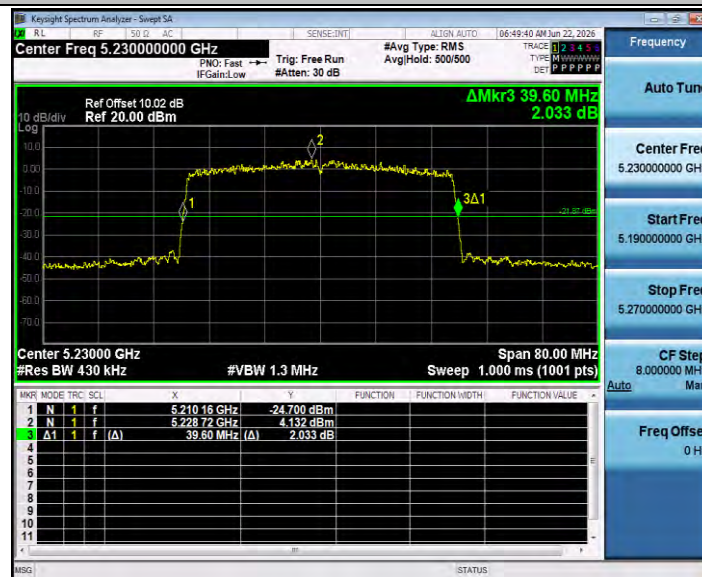
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11AX40SISO_Ant4_5190



11AX40ISO_Ant4_5230



11AX80ISO_Ant4_5210



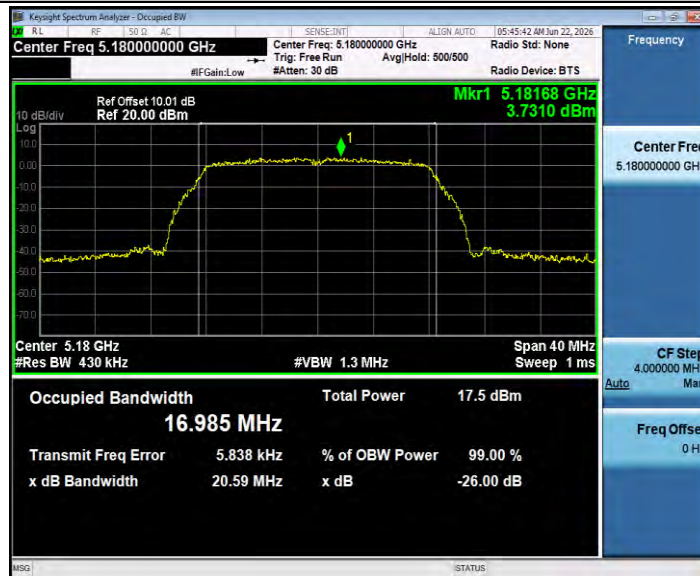
Appendix B.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant4	5180	16.985	5171.5133	5188.4983	---	---
		5200	17.061	5191.4742	5208.5352	---	---
		5240	16.998	5231.4450	5248.4430	---	---
11N20SISO	Ant4	5180	17.959	5170.9996	5188.9586	---	---
		5200	17.962	5191.0413	5209.0033	---	---
		5240	17.896	5231.0226	5248.9186	---	---
11N40SISO	Ant4	5190	36.051	5171.9773	5208.0283	---	---
		5230	35.961	5211.9838	5247.9448	---	---
11AC20SISO	Ant4	5180	17.747	5171.1242	5188.8712	---	---
		5200	17.770	5191.0985	5208.8685	---	---
		5240	17.772	5231.1026	5248.8746	---	---
11AC40SISO	Ant4	5190	35.872	5172.0747	5207.9467	---	---
		5230	35.867	5212.0196	5247.8866	---	---
11AC80SISO	Ant4	5210	74.867	5172.5594	5247.4264	---	---
11AX20SISO	Ant4	5180	19.244	5170.4063	5189.6503	---	---
		5200	19.283	5190.3601	5209.6431	---	---
		5240	18.881	5230.5397	5249.4207	---	---
11AX40SISO	Ant4	5190	37.506	5171.2928	5208.7988	---	---
		5230	37.360	5211.2990	5248.6590	---	---
11AX80SISO	Ant4	5210	76.488	5171.7531	5248.2411	---	---

Test Graphs

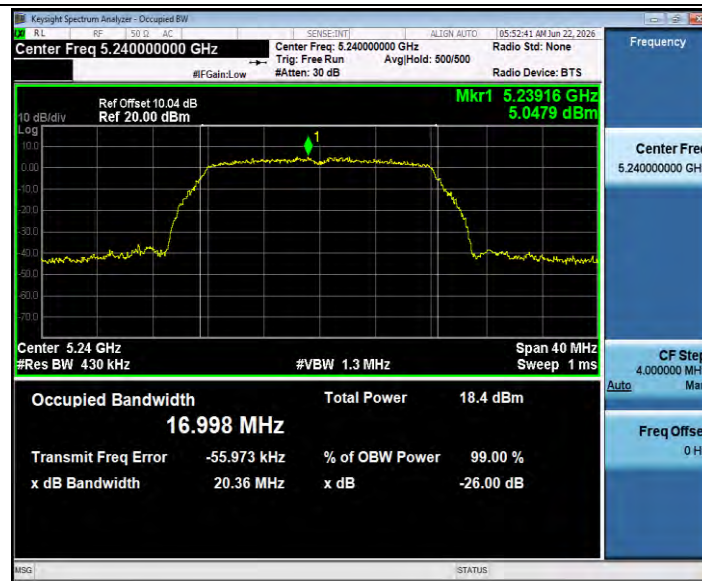
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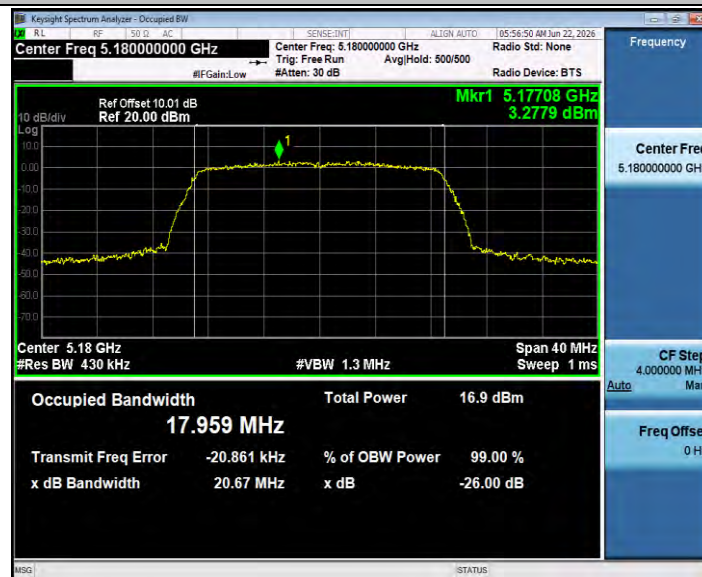
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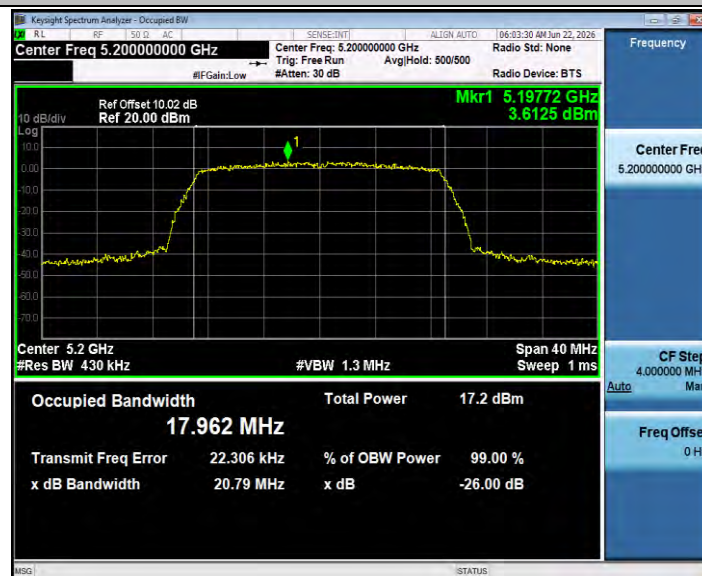
11A_Ant4_5240



11N20SISO_Ant4_5180



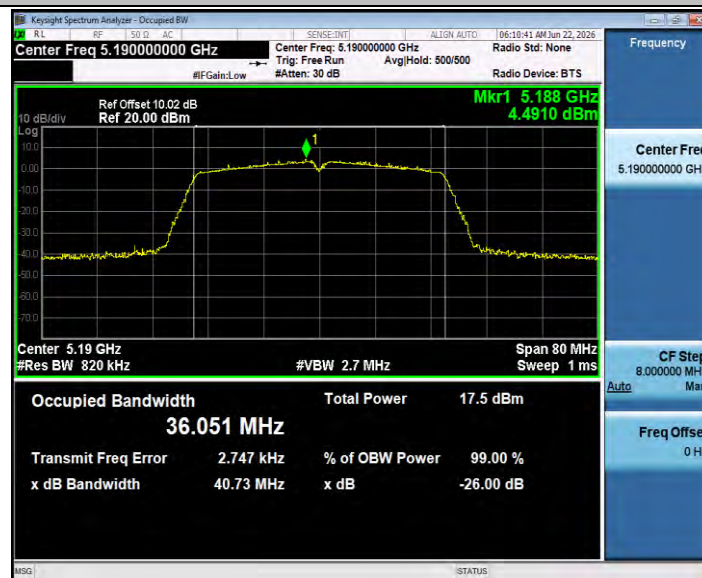
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11N20SISO_Ant4_5240



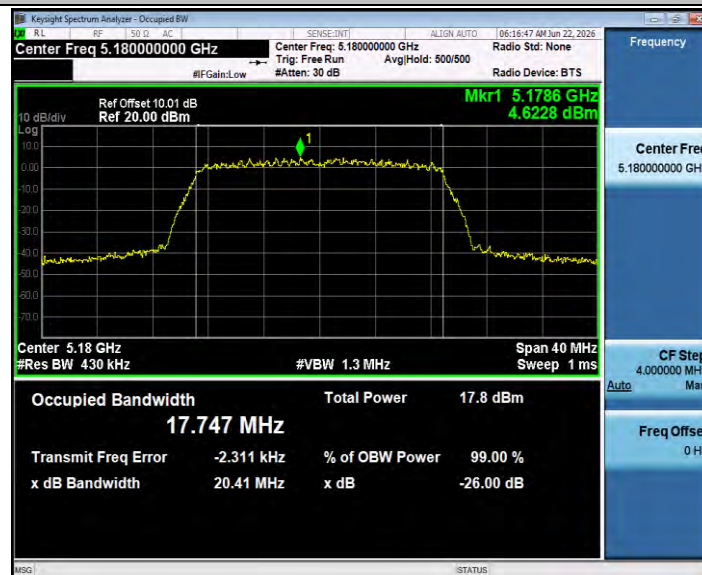
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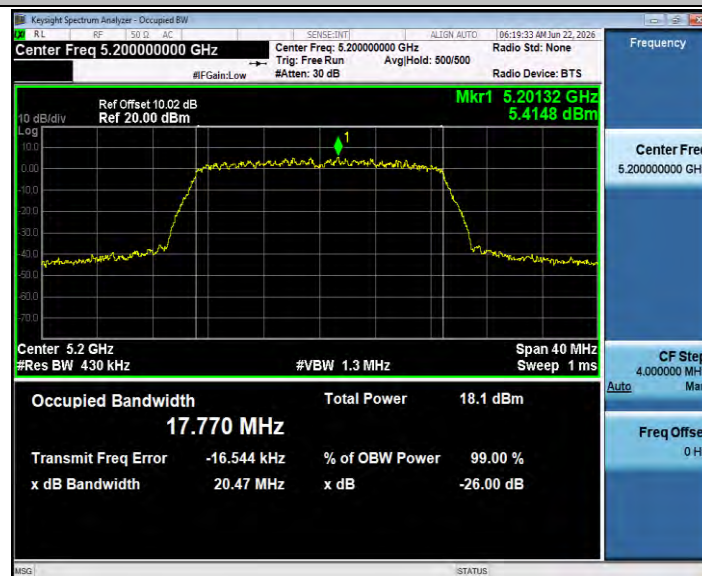
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11AC20SISO_Ant4_5180



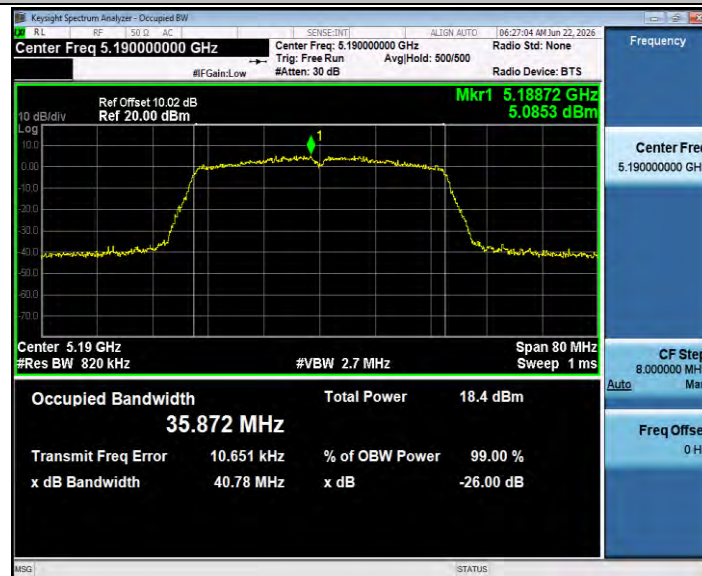
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11AC20SISO_Ant4_5240



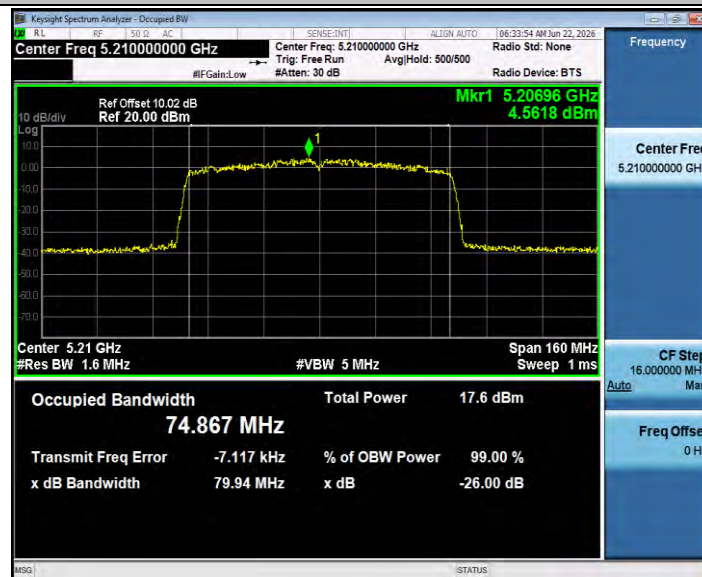
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11AC40SISO_Ant4_5230



11AC80SISO_Ant4_5210



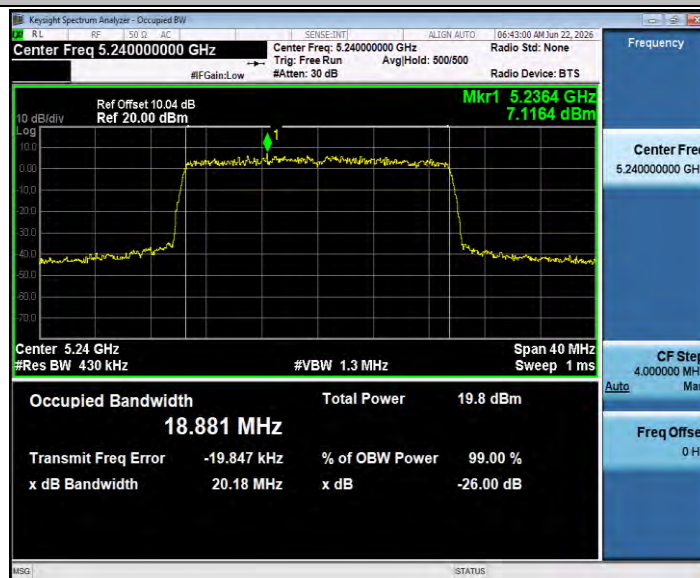
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11AX20SISO_Ant4_5200



11AX20SISO_Ant4_5240



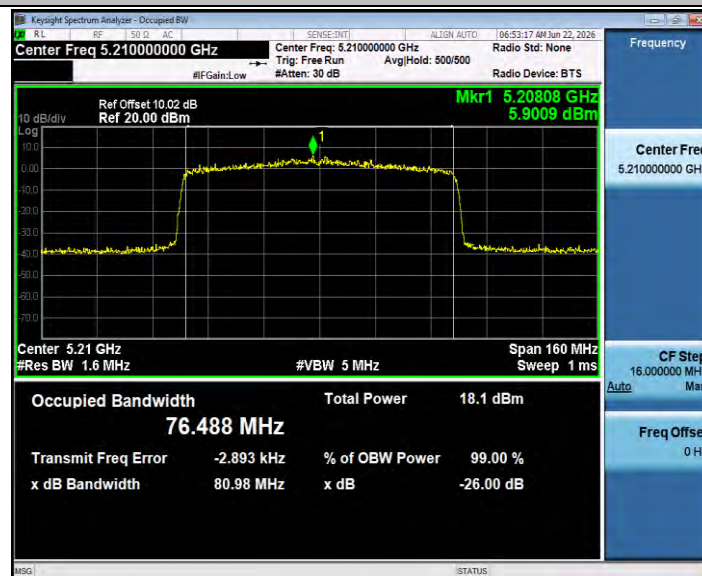
11AX40SISO_Ant4_5190



11AX40SISO_Ant4_5230



11AX80SISO_Ant4_5210

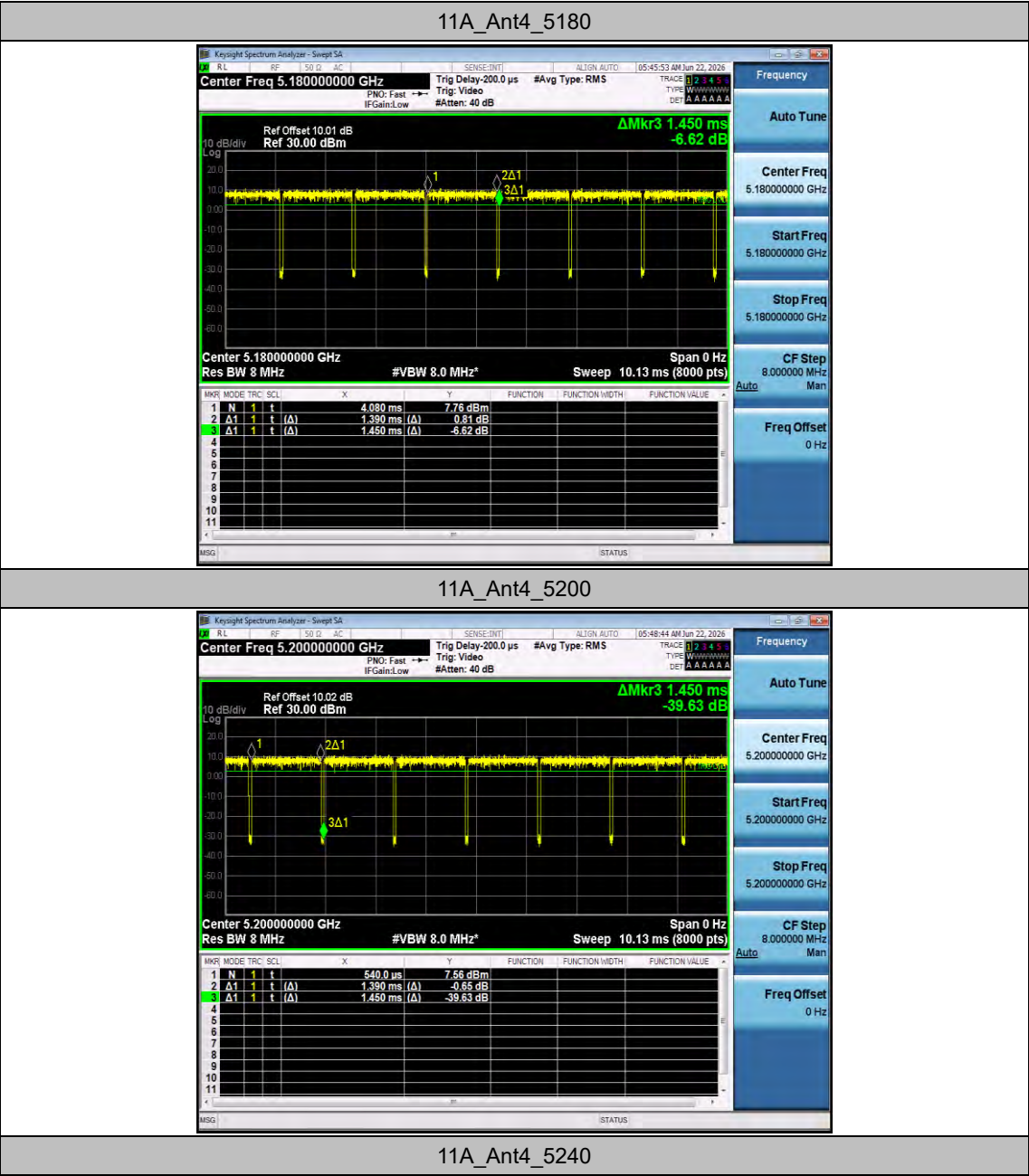


AppendixB.3: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant4	5180	1.39	1.45	95.86	0.18	0.72
		5200	1.39	1.45	95.86	0.18	0.72
		5240	1.40	1.46	95.89	0.18	0.71
11N20SISO	Ant4	5180	1.31	1.37	95.62	0.19	0.76
		5200	1.31	1.36	96.32	0.16	0.76
		5240	1.31	1.37	95.62	0.19	0.76
11N40SISO	Ant4	5190	0.65	0.71	91.55	0.38	1.54
		5230	0.65	0.71	91.55	0.38	1.54
11AC20SISO	Ant4	5180	0.68	0.74	91.89	0.37	1.47
		5200	0.68	0.74	91.89	0.37	1.47
		5240	0.69	0.74	93.24	0.30	1.45
11AC40SISO	Ant4	5190	0.36	0.41	87.80	0.57	2.78
		5230	0.35	0.41	85.37	0.69	2.86
11AC80SISO	Ant4	5210	0.19	0.68	27.94	5.54	5.26
11AX20SISO	Ant4	5180	0.54	0.60	90.00	0.46	1.85
		5200	0.54	0.60	90.00	0.46	1.85
		5240	0.54	0.60	90.00	0.46	1.85
11AX40SISO	Ant4	5190	0.30	0.36	83.33	0.79	3.33
		5230	0.30	0.36	83.33	0.79	3.33
11AX80SISO	Ant4	5210	0.18	0.56	32.14	4.93	5.56

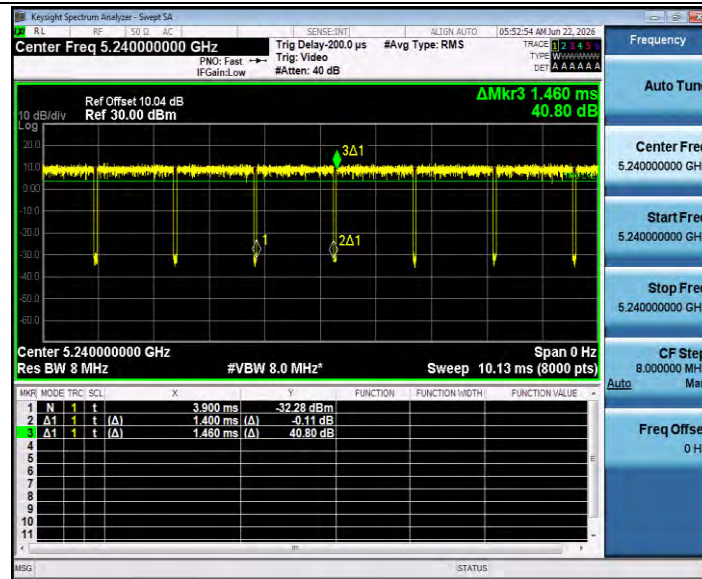
Test Graphs



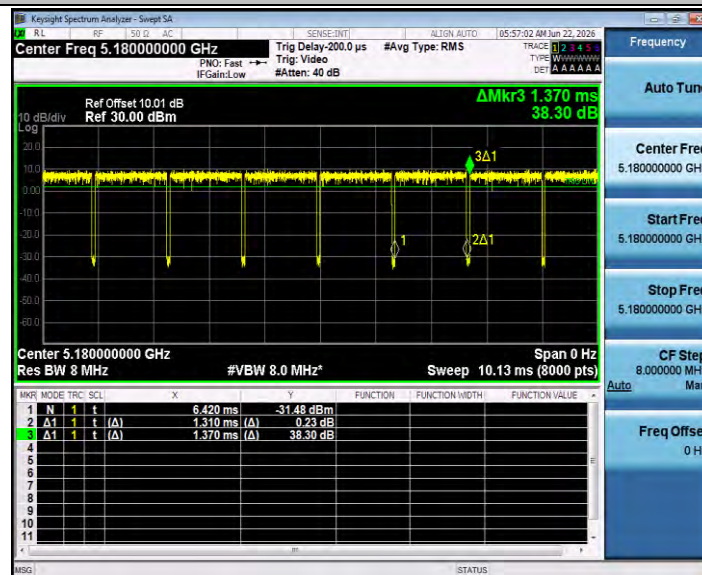
11A_Ant4_5200

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Auto Tune
Center Freq 5.200000000 GHz
Start Freq 5.200000000 GHz
Stop Freq 5.200000000 GHz
CF Step 8.0000000 MHz
Freq Offset 0 Hz

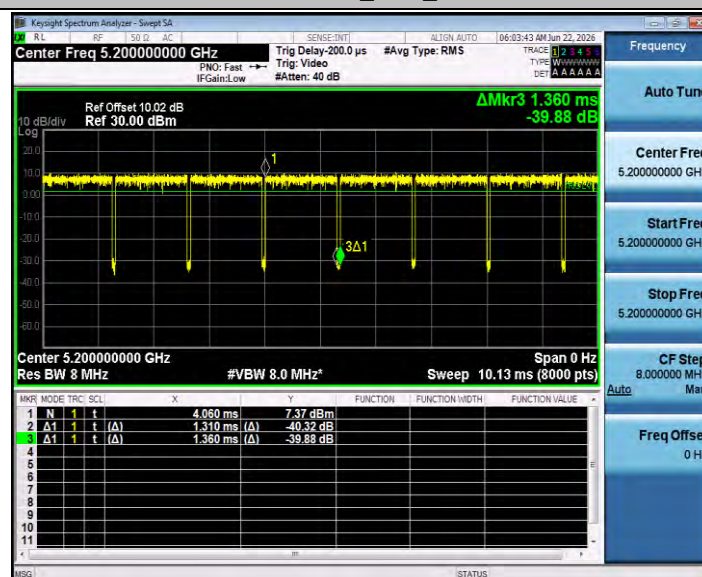
11A_Ant4_5240



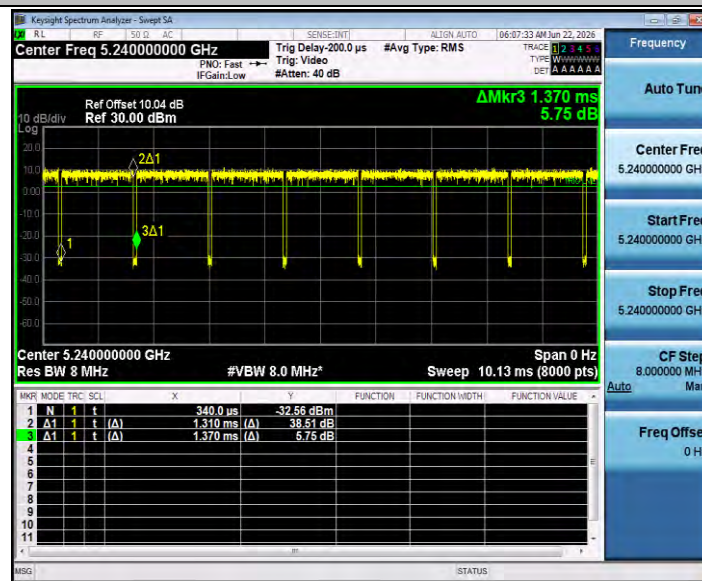
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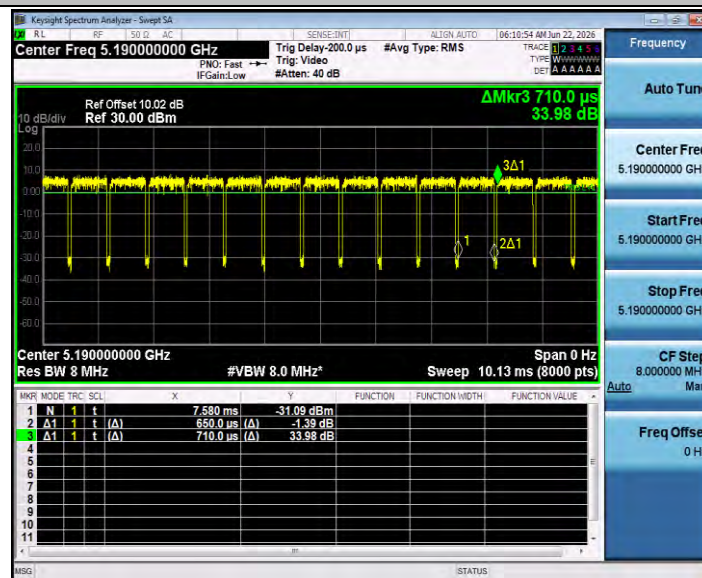
11N20SISO_Ant4_5200



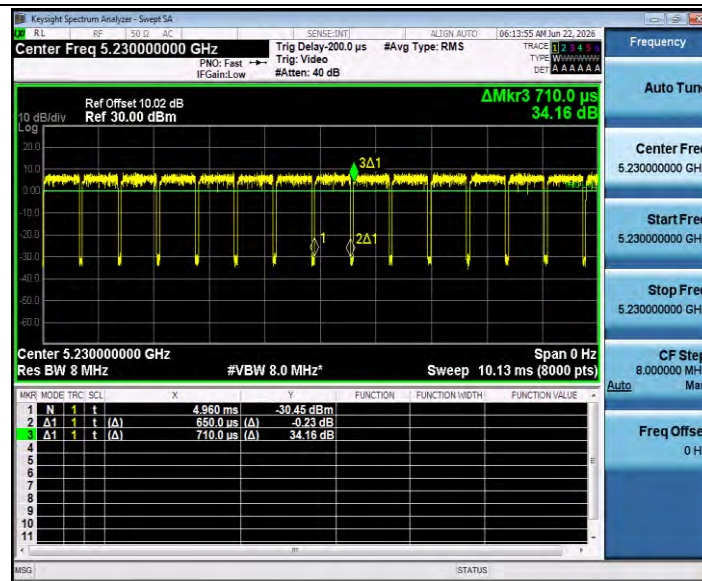
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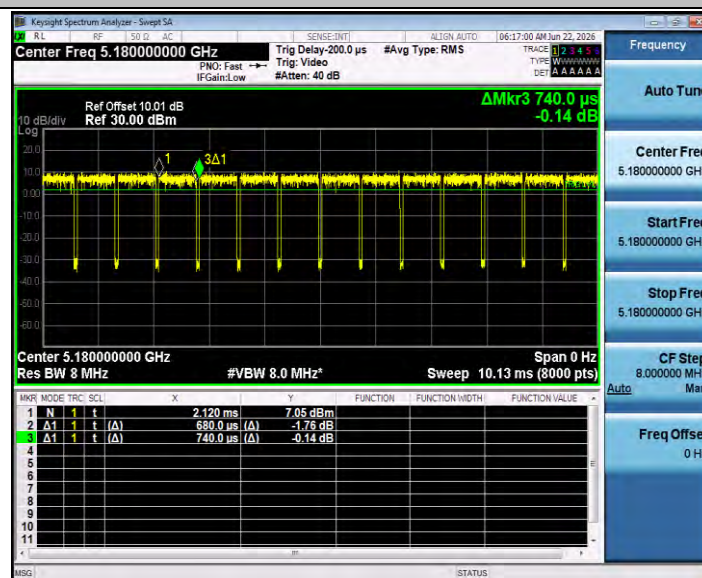
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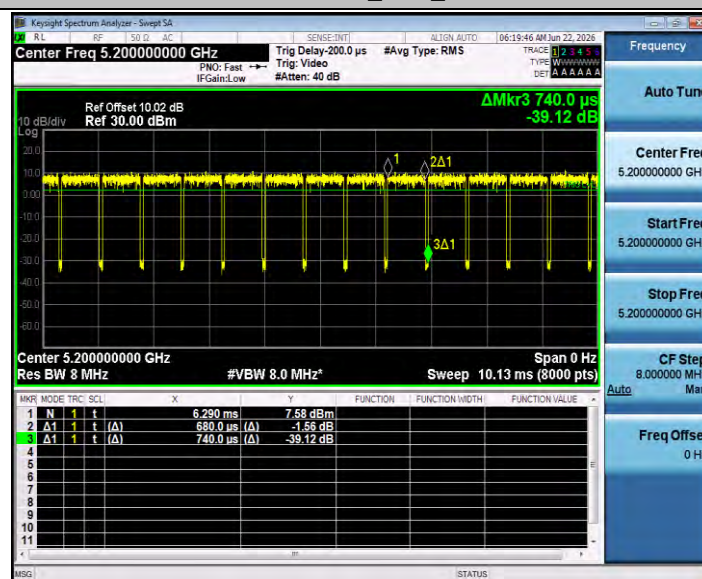
11N40SISO_Ant4_5230



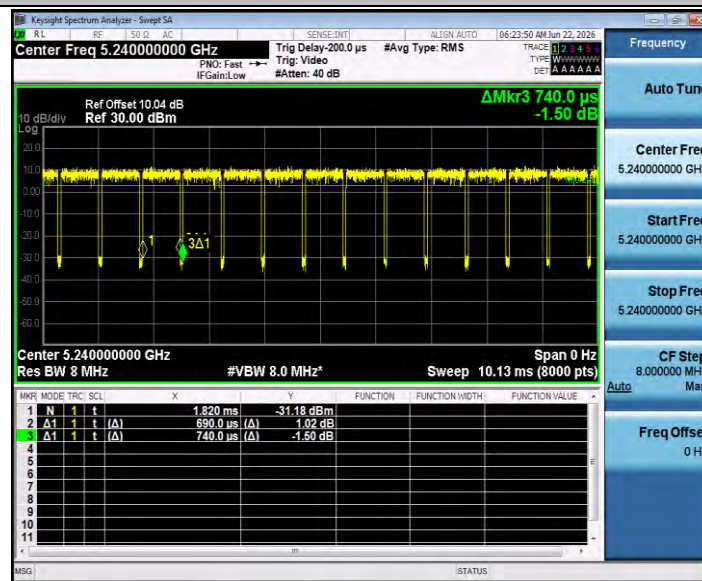
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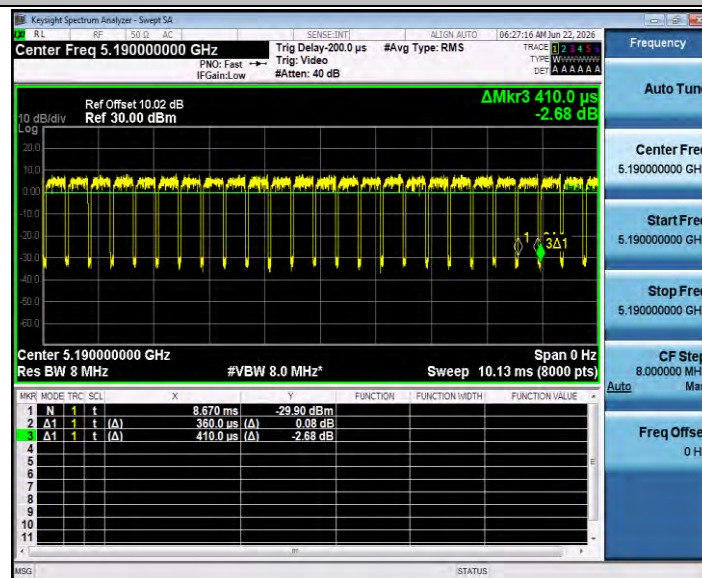
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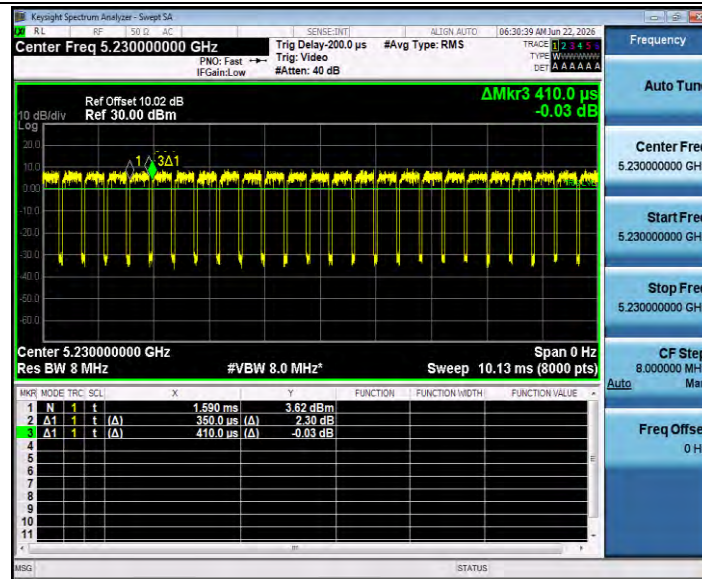
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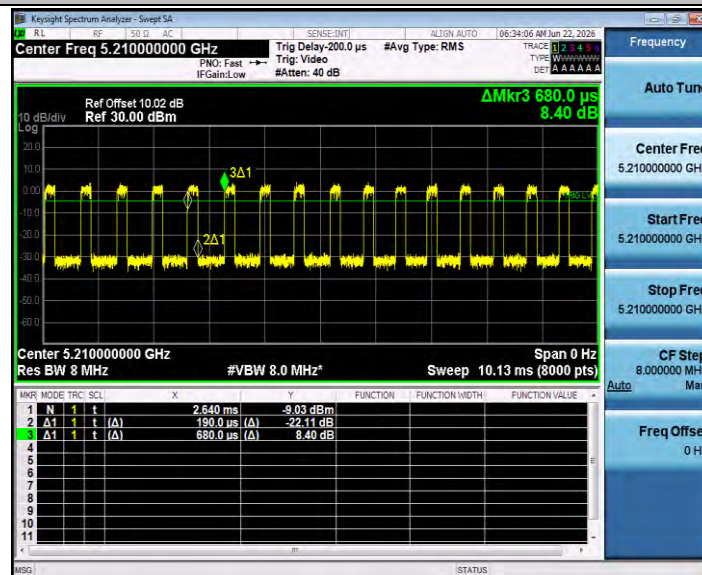
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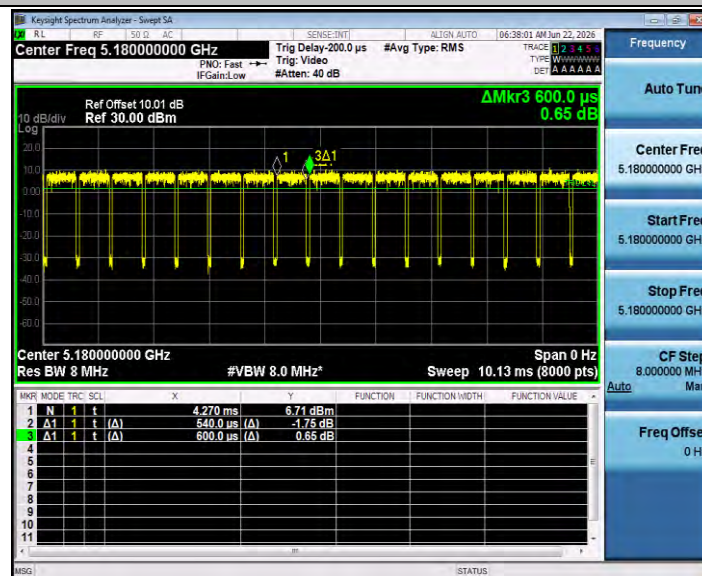
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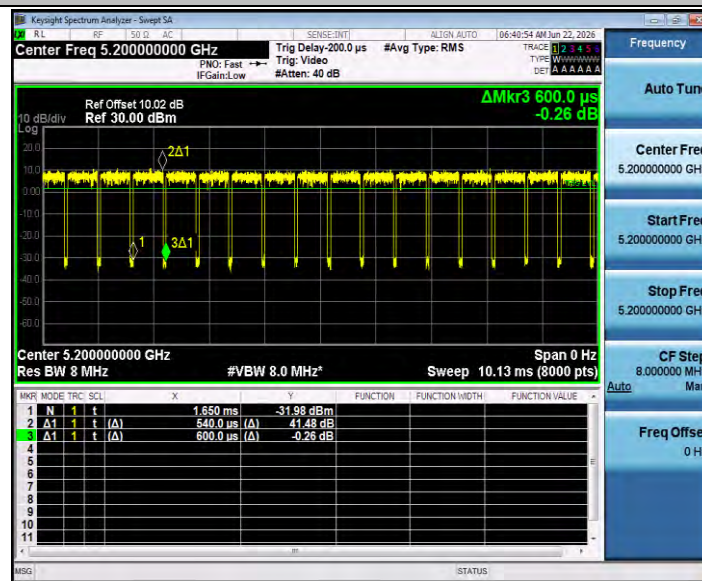
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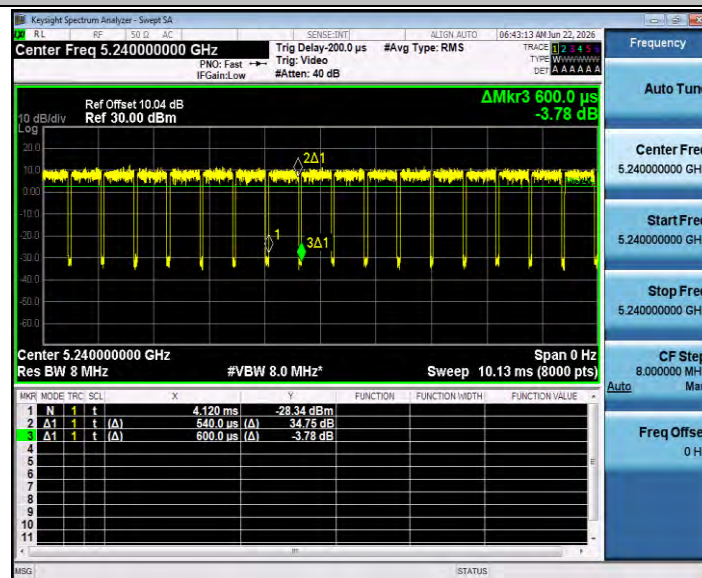
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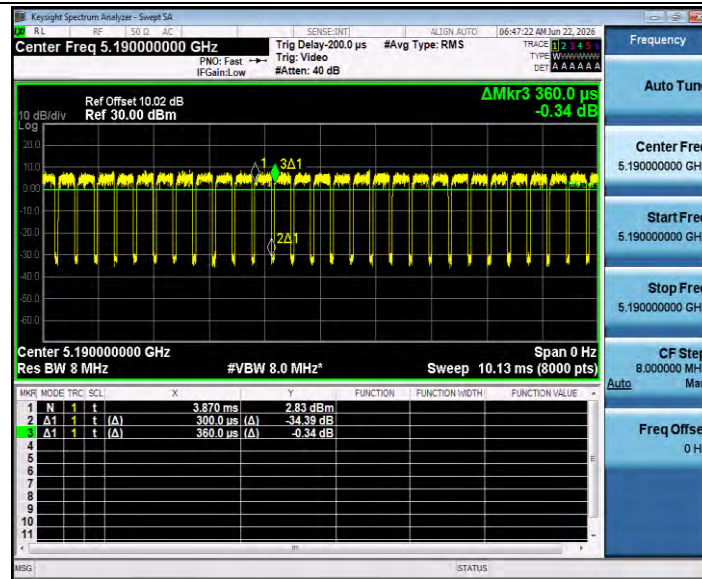
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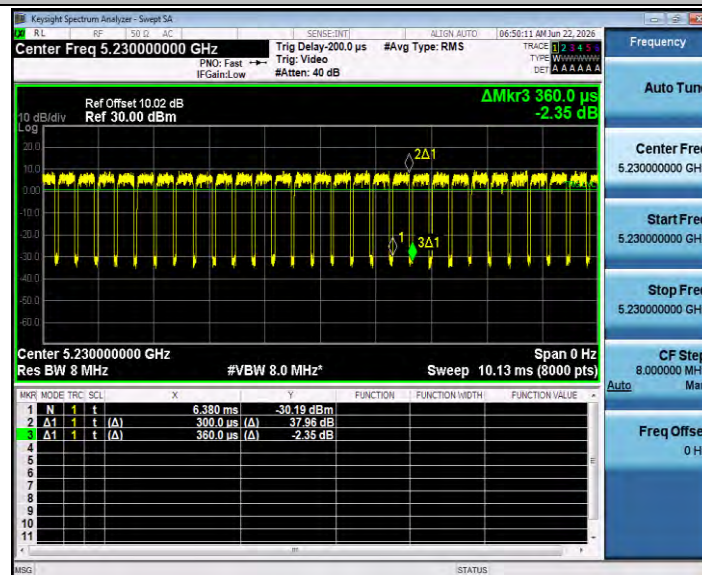
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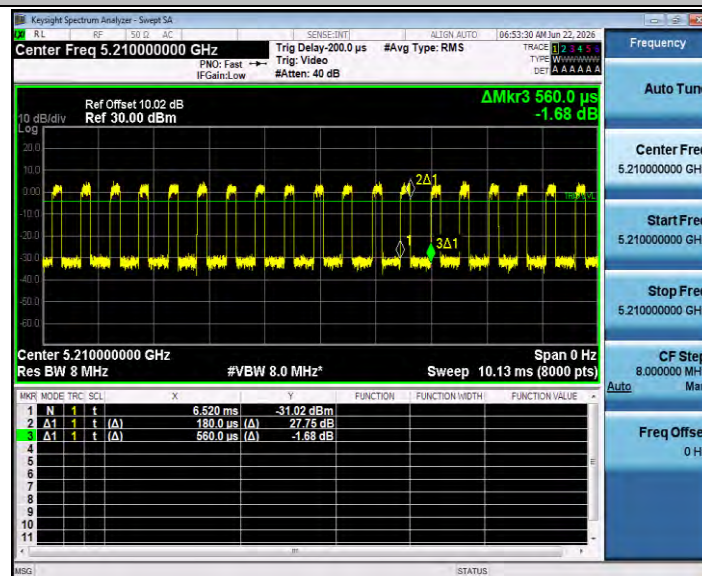
11AX40SISO_Ant4_5190



11AX40ISO_Ant4_5230



11AX80ISO_Ant4_5210



Appendix B.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant4	5180	10.65	95.86	0.18	10.83	≤23.98	PASS
		5200	10.87	95.86	0.18	11.05	≤23.98	PASS
		5240	11.51	95.89	0.18	11.69	≤23.98	PASS
11N20SISO	Ant4	5180	9.99	95.62	0.19	10.18	≤23.98	PASS
		5200	10.17	96.32	0.16	10.33	≤23.98	PASS
		5240	10.91	95.62	0.19	11.10	≤23.98	PASS
11N40SISO	Ant4	5190	9.78	91.55	0.38	10.16	≤23.98	PASS
		5230	10.71	91.55	0.38	11.09	≤23.98	PASS
11AC20SISO	Ant4	5180	9.87	91.89	0.37	10.24	≤23.98	PASS
		5200	10.19	91.89	0.37	10.56	≤23.98	PASS
		5240	10.87	93.24	0.30	11.17	≤23.98	PASS
11AC40SISO	Ant4	5190	9.53	87.80	0.57	10.10	≤23.98	PASS
		5230	10.38	85.37	0.69	11.07	≤23.98	PASS
11AC80SISO	Ant4	5210	4.64	27.94	5.54	10.18	≤23.98	PASS
11AX20SISO	Ant4	5180	9.99	90.00	0.46	10.45	≤23.98	PASS
		5200	10.22	90.00	0.46	10.68	≤23.98	PASS
		5240	10.90	90.00	0.46	11.36	≤23.98	PASS
11AX40SISO	Ant4	5190	9.55	83.33	0.79	10.34	≤23.98	PASS
		5230	10.51	83.33	0.79	11.30	≤23.98	PASS
11AX80SISO	Ant4	5210	4.56	32.14	4.93	9.49	≤23.98	PASS

Appendix B.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant4	5180	-0.11	≤11.00	PASS
		5200	0.27	≤11.00	PASS
		5240	0.89	≤11.00	PASS
11N20SISO	Ant4	5180	-0.95	≤11.00	PASS
		5200	-0.74	≤11.00	PASS
		5240	0.07	≤11.00	PASS
11N40SISO	Ant4	5190	-2.99	≤11.00	PASS
		5230	-2.04	≤11.00	PASS
11AC20SISO	Ant4	5180	-0.88	≤11.00	PASS
		5200	-0.54	≤11.00	PASS
		5240	0.22	≤11.00	PASS
11AC40SISO	Ant4	5190	-3.13	≤11.00	PASS
		5230	-1.97	≤11.00	PASS
11AC80SISO	Ant4	5210	-5.62	≤11.00	PASS
11AX20SISO	Ant4	5180	-1.17	≤11.00	PASS
		5200	-0.91	≤11.00	PASS
		5240	-0.14	≤11.00	PASS
11AX40SISO	Ant4	5190	-3.15	≤11.00	PASS
		5230	-2.24	≤11.00	PASS
11AX80SISO	Ant4	5210	-6.42	≤11.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factorand RBW Factoriscompensatedinthegraph.

Test Graphs

11A_Ant4_5180



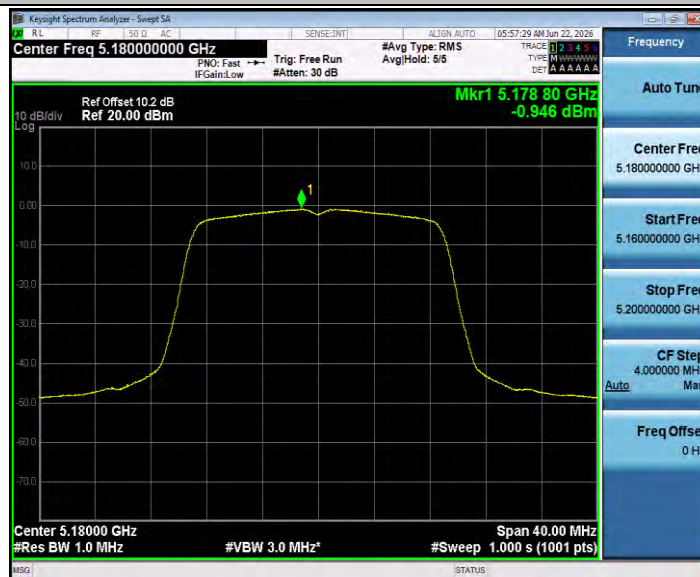
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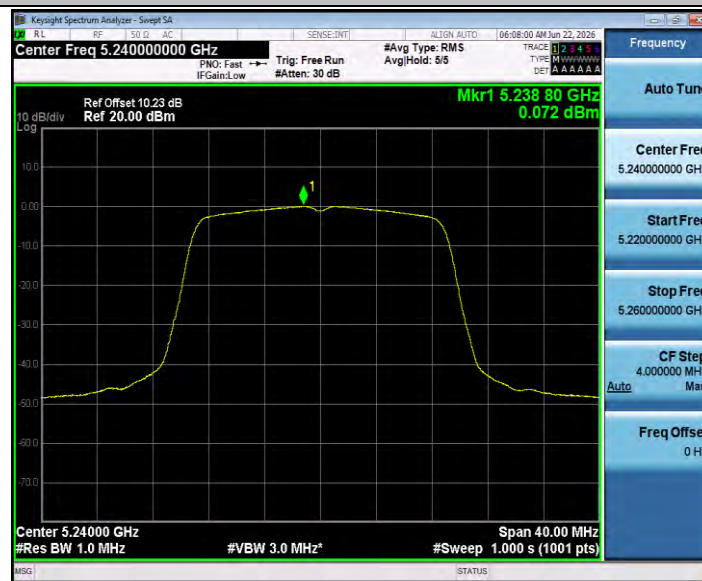
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11N20SISO_Ant4_5200



11N20SISO_Ant4_5240



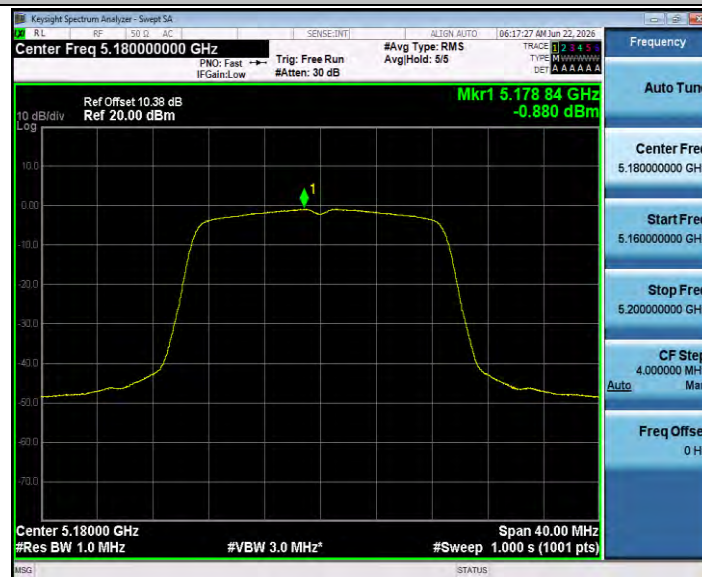
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11N40SISO_Ant4_5230



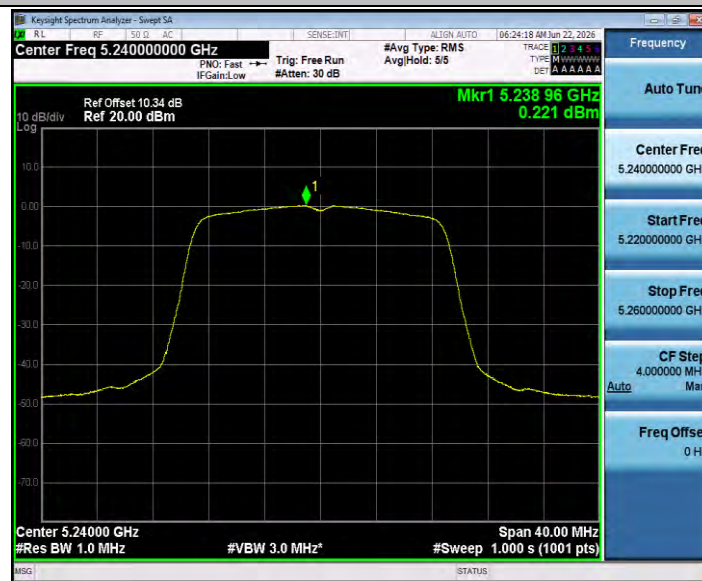
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11AC20SISO_Ant4_5200



11AC20SISO_Ant4_5240



11AC40SISO_Ant4_5190



11AC40SISO_Ant4_5230



11AC80SISO_Ant4_5210



11AX20SISO_Ant4_5180



11AX20SISO_Ant4_5200



11AX20SISO_Ant4_5240



11AX40SISO_Ant4_5190



11AX40SISO_Ant4_5230



11AX80SISO_Ant4_5210

