

Case No. : <u>GTS20260616001-4-02</u>
Ambient Condition: <u>23</u> °C, <u>58</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	Ant5	5180	26.080	5167.680	5193.760	---	---
		5200	27.440	5187.080	5214.520	---	---
		5240	20.080	5230.000	5250.080	---	---
11N20SISO	Ant5	5180	28.400	5166.080	5194.480	---	---
		5200	28.480	5186.520	5215.000	---	---
		5240	20.560	5229.800	5250.360	---	---
11N40SISO	Ant5	5190	49.760	5167.680	5217.440	---	---
		5230	40.480	5209.920	5250.400	---	---
11AC20SISO	Ant5	5180	26.160	5167.120	5193.280	---	---
		5200	26.600	5186.320	5212.920	---	---
		5240	20.240	5229.920	5250.160	---	---
11AC40SISO	Ant5	5190	45.680	5167.520	5213.200	---	---
		5230	40.320	5209.760	5250.080	---	---
11AC80SISO	Ant5	5210	98.880	5164.880	5263.760	---	---
11AX20SISO	Ant5	5180	24.800	5168.640	5193.440	---	---
		5200	23.560	5188.880	5212.440	---	---
		5240	19.960	5230.040	5250.000	---	---
11AX40SISO	Ant5	5190	46.160	5169.360	5215.520	---	---
		5230	39.680	5210.160	5249.840	---	---
11AX80SISO	Ant5	5210	81.600	5169.840	5251.440	---	---

Test Graphs



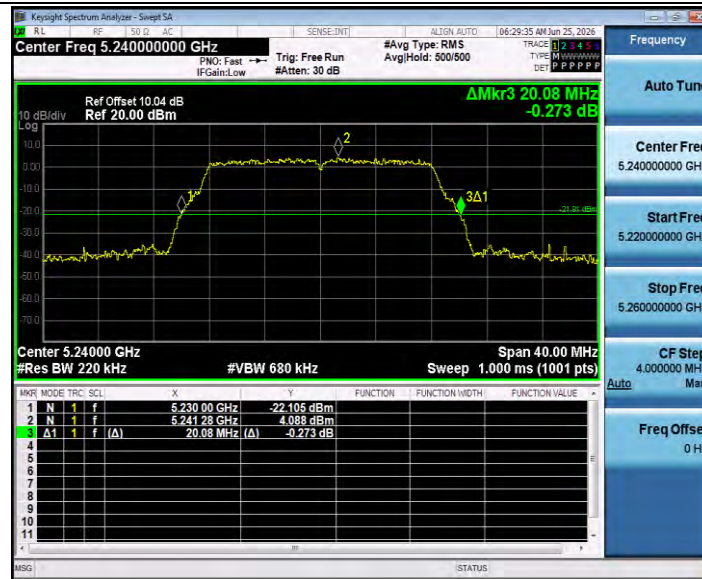
11A_Ant5_5200

Frequency

Auto Tune

Center Freq
5.20000000 GHzStart Freq
5.180000000 GHzStop Freq
5.220000000 GHzCF Step
4.000000 MHz
Auto ManFreq Offset
0 Hz

11A_Ant5_5240



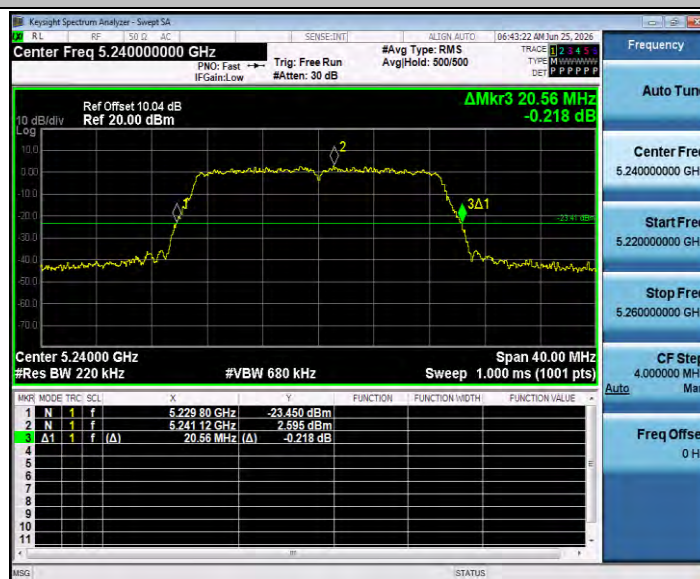
11N20SISO_Ant5_5180



11N20SISO_Ant5_5200



11N20SISO_Ant5_5240



11N40SISO Ant5 5190



11N40SISO Ant5 5230



11AC20SISO_Ant5_5180



11AC20SISO_Ant5_5200



11AC20SISO_Ant5_5240



11AC40SISO_Ant5_5190



11AC40SISO_Ant5_5230

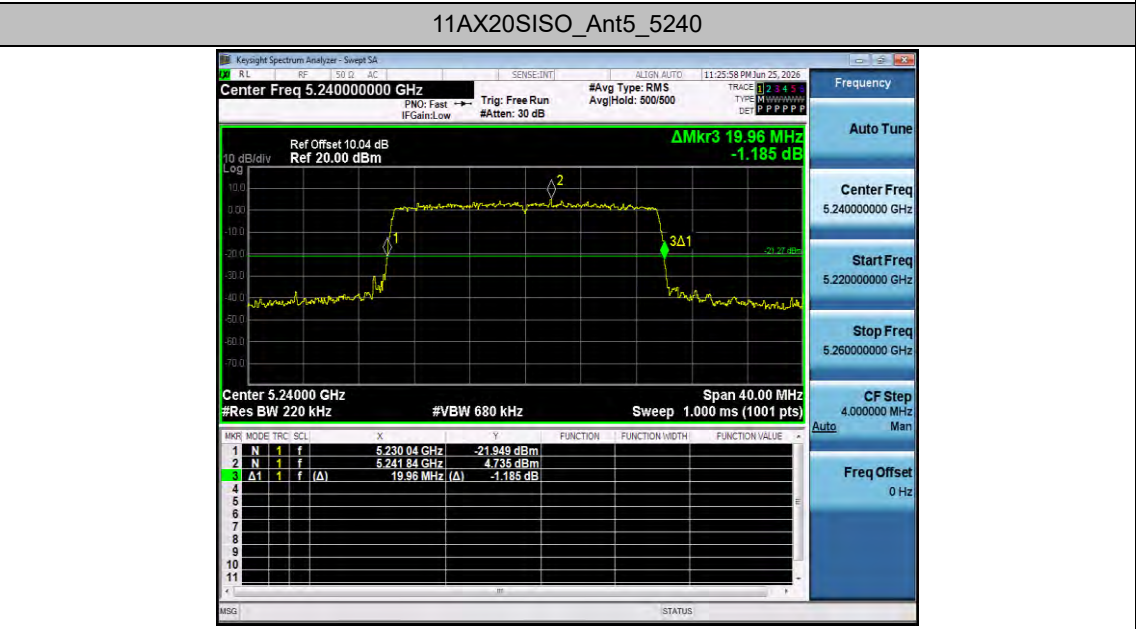
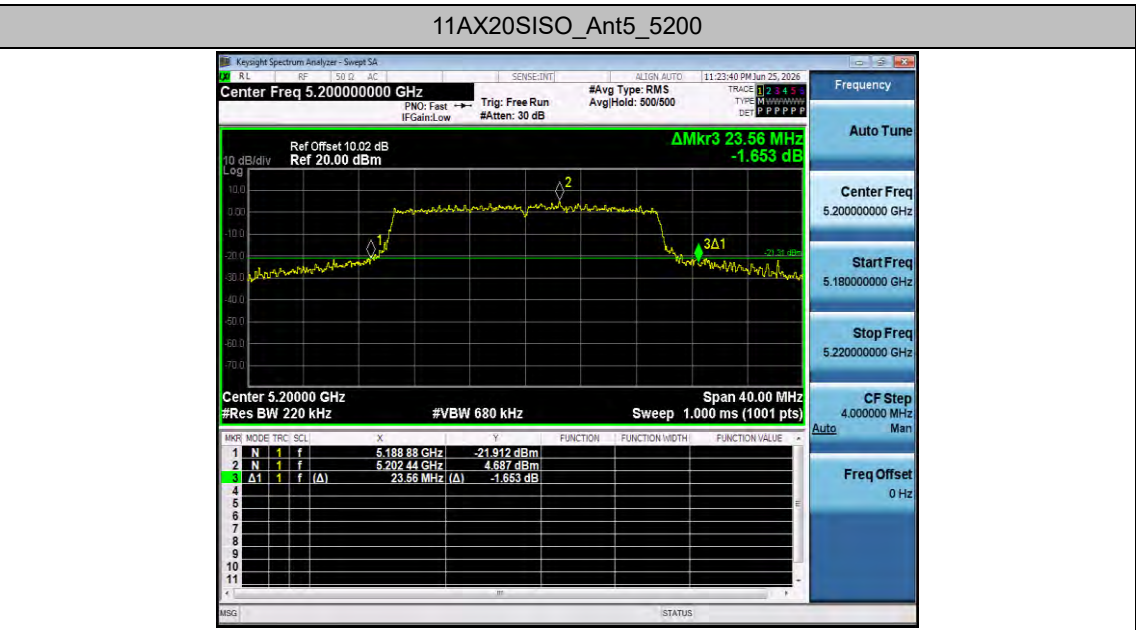


11AC80SISO_Ant5_5210



11AX20SISO_Ant5_5180

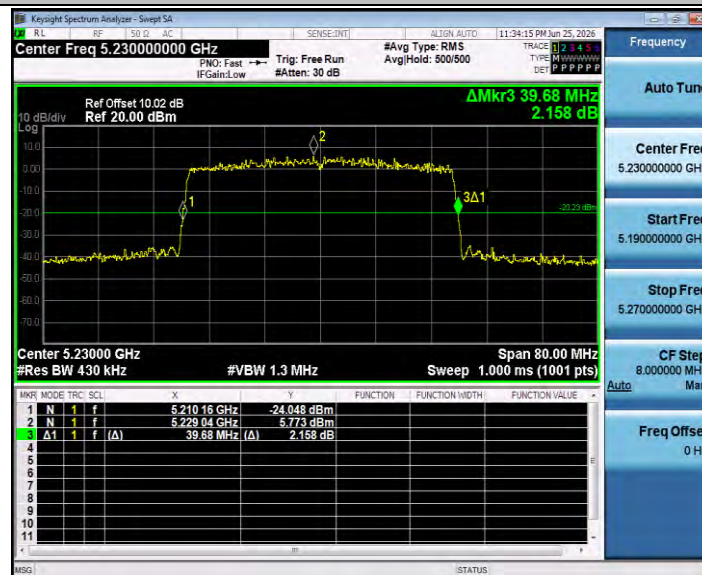




11AX40SISO_Ant5_5190



11AX40SISO_Ant5_5230



11AX80SISO_Ant5_5210

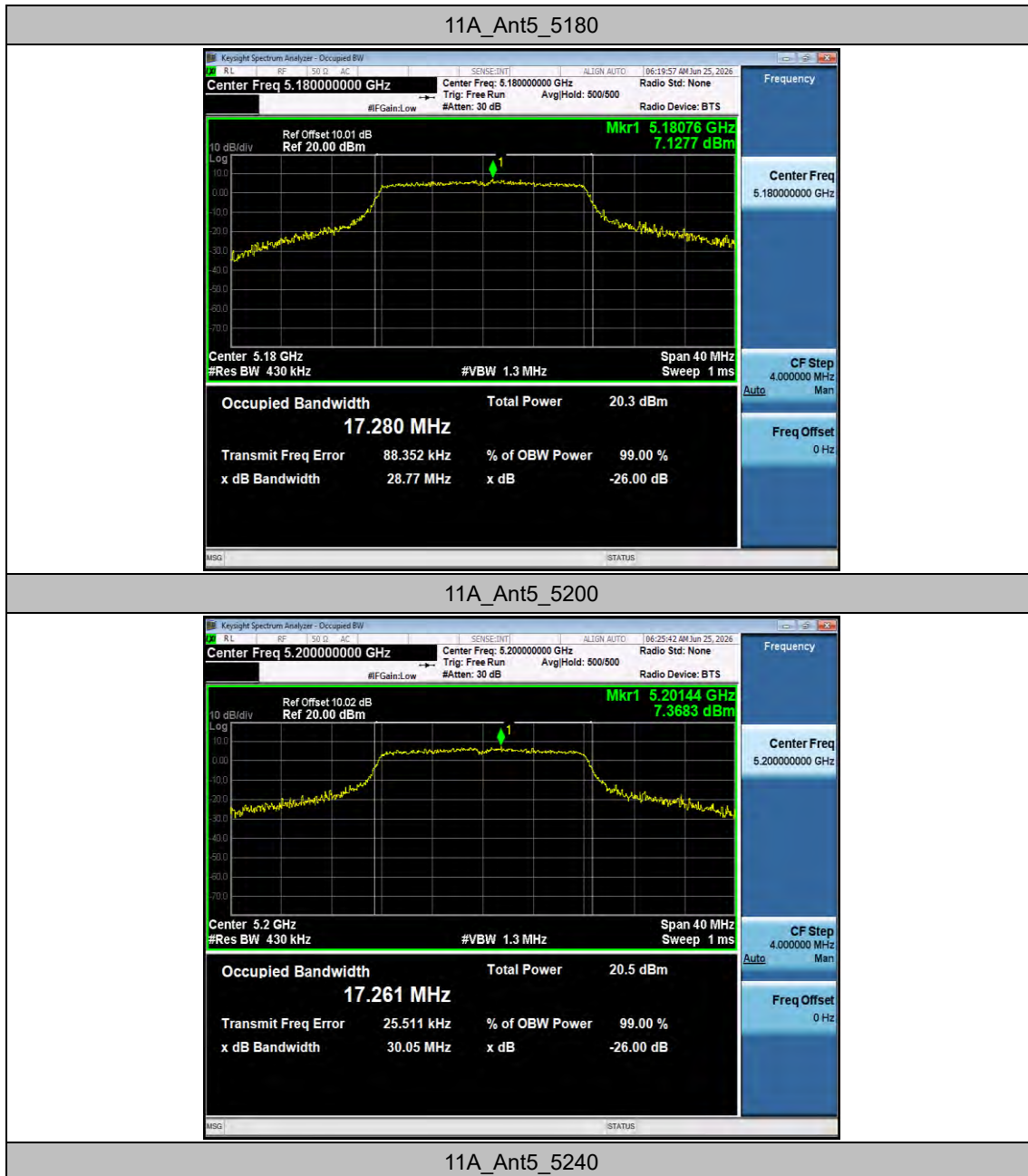


Appendix B.2: Occupied channel bandwidth

Test Result

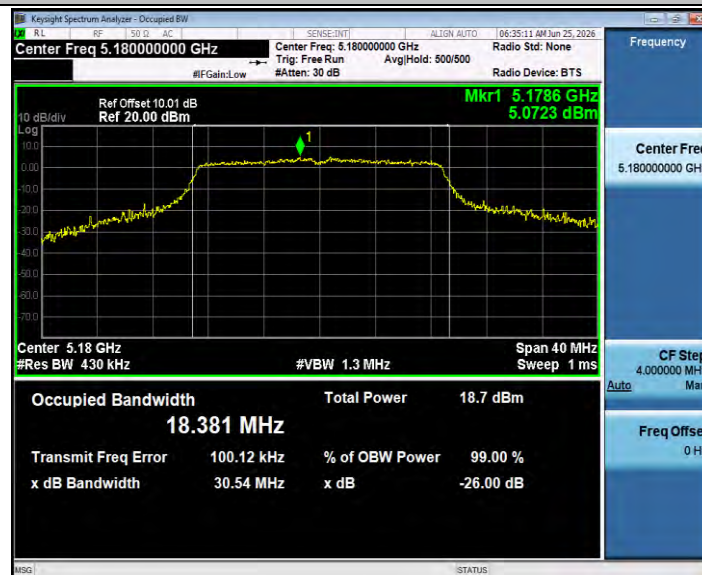
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant5	5180	17.280	5171.4484	5188.7284	---	---
		5200	17.261	5191.3950	5208.6560	---	---
		5240	17.100	5231.4646	5248.5646	---	---
11N20SISO	Ant5	5180	18.381	5170.9096	5189.2906	---	---
		5200	18.435	5190.7924	5209.2274	---	---
		5240	18.057	5230.9796	5249.0366	---	---
11N40SISO	Ant5	5190	36.649	5171.8410	5208.4900	---	---
		5230	36.351	5211.8689	5248.2199	---	---
11AC20SISO	Ant5	5180	18.175	5170.9704	5189.1454	---	---
		5200	18.132	5190.9815	5209.1135	---	---
		5240	17.833	5231.0969	5248.9299	---	---
11AC40SISO	Ant5	5190	36.683	5171.8023	5208.4853	---	---
		5230	36.281	5211.9077	5248.1887	---	---
11AC80SISO	Ant5	5210	75.488	5172.4753	5247.9633	---	---
11AX20SISO	Ant5	5180	19.276	5170.3878	5189.6638	---	---
		5200	19.225	5190.4152	5209.6402	---	---
		5240	18.927	5230.5711	5249.4981	---	---
11AX40SISO	Ant5	5190	37.801	5171.1689	5208.9699	---	---
		5230	37.584	5211.2764	5248.8604	---	---
11AX80SISO	Ant5	5210	77.050	5171.6881	5248.7381	---	---

Test Graphs

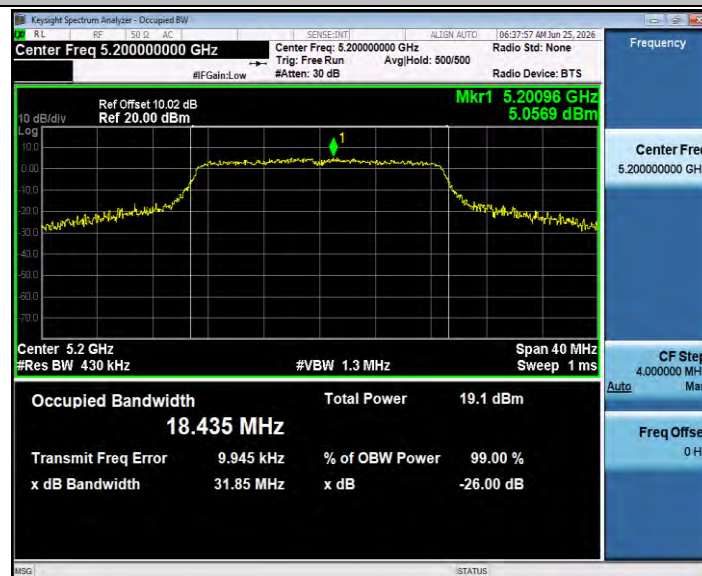




11N20SISO_Ant5_5180



11N20SISO_Ant5_5200



11N20SISO_Ant5_5240



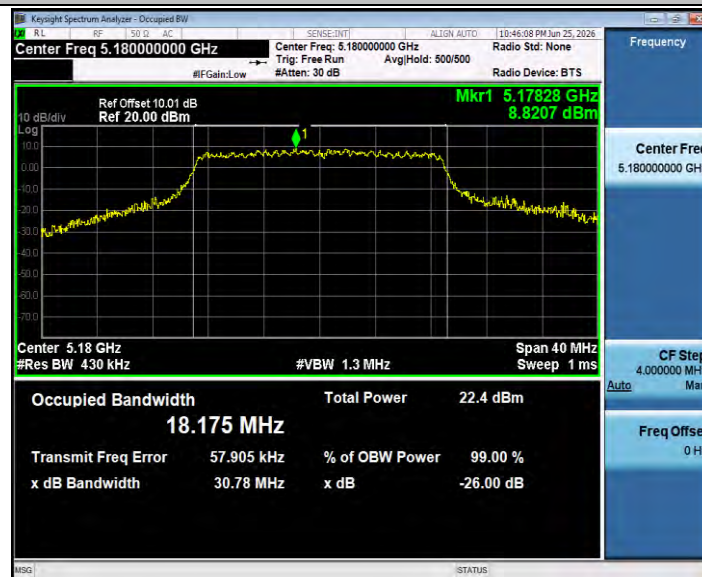
11N40SISO_Ant5_5190



11N40SISO_Ant5_5230



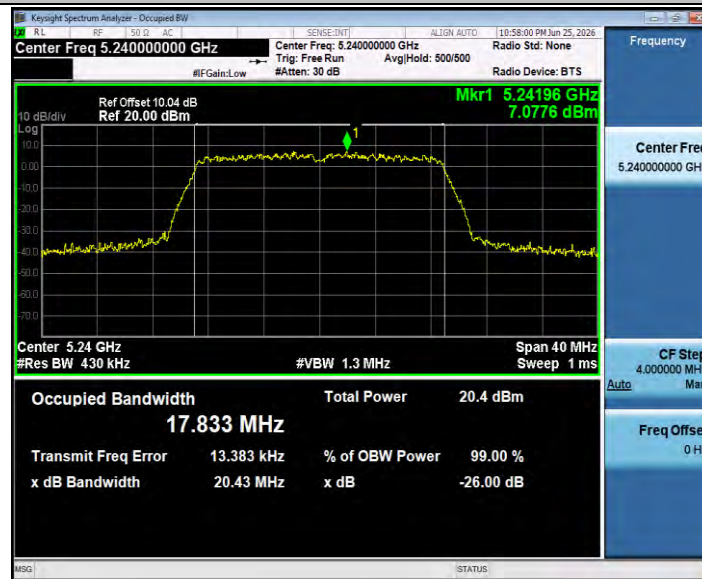
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11AC20SISO_Ant5_5200



11AC20SISO_Ant5_5240



11AC40SISO_Ant5_5190



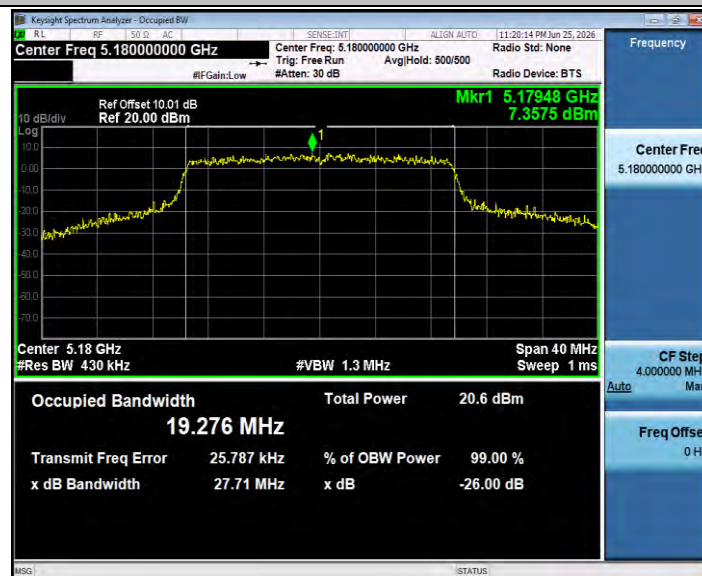
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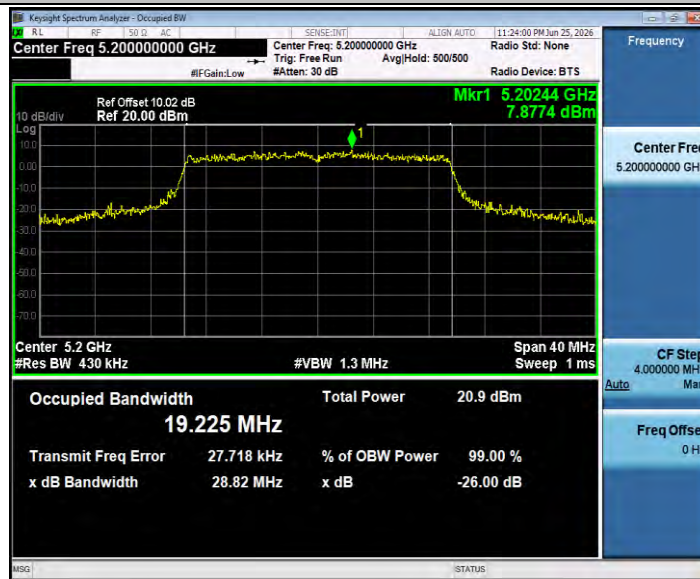
11AC80SISO_Ant5_5210



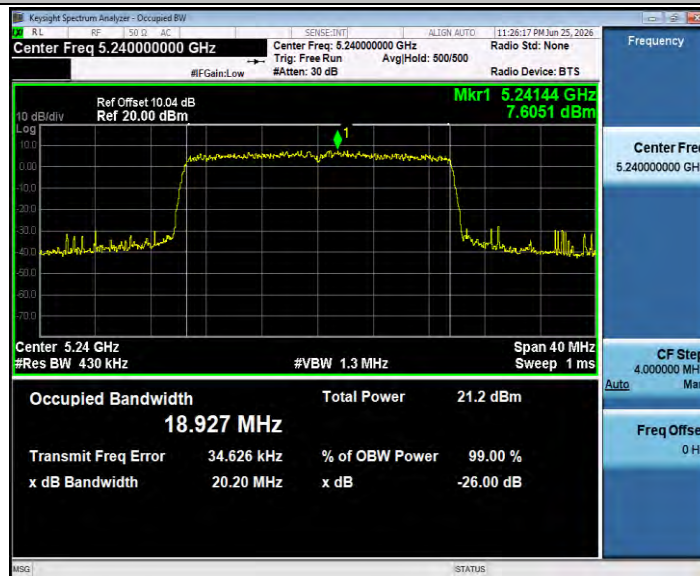
11AX20SISO_Ant5_5180



11AX20SISO_Ant5_5200



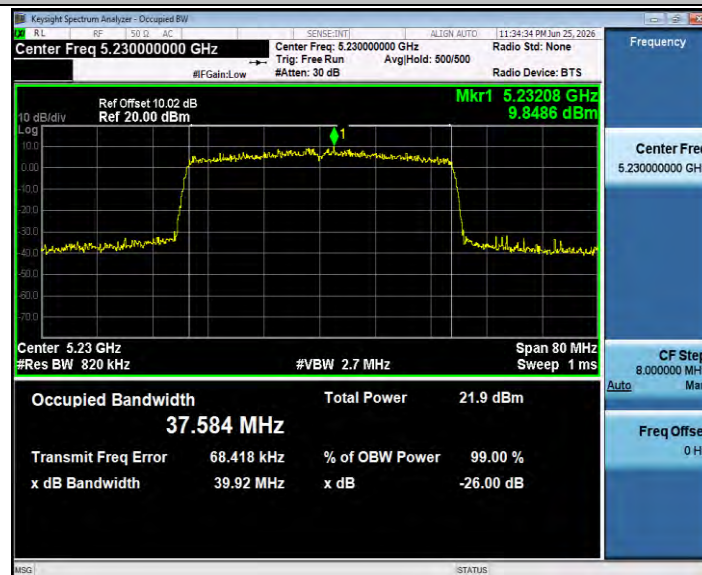
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11AX40SISO_Ant5_5190



11AX40ISO_Ant5_5230



11AX80ISO_Ant5_5210

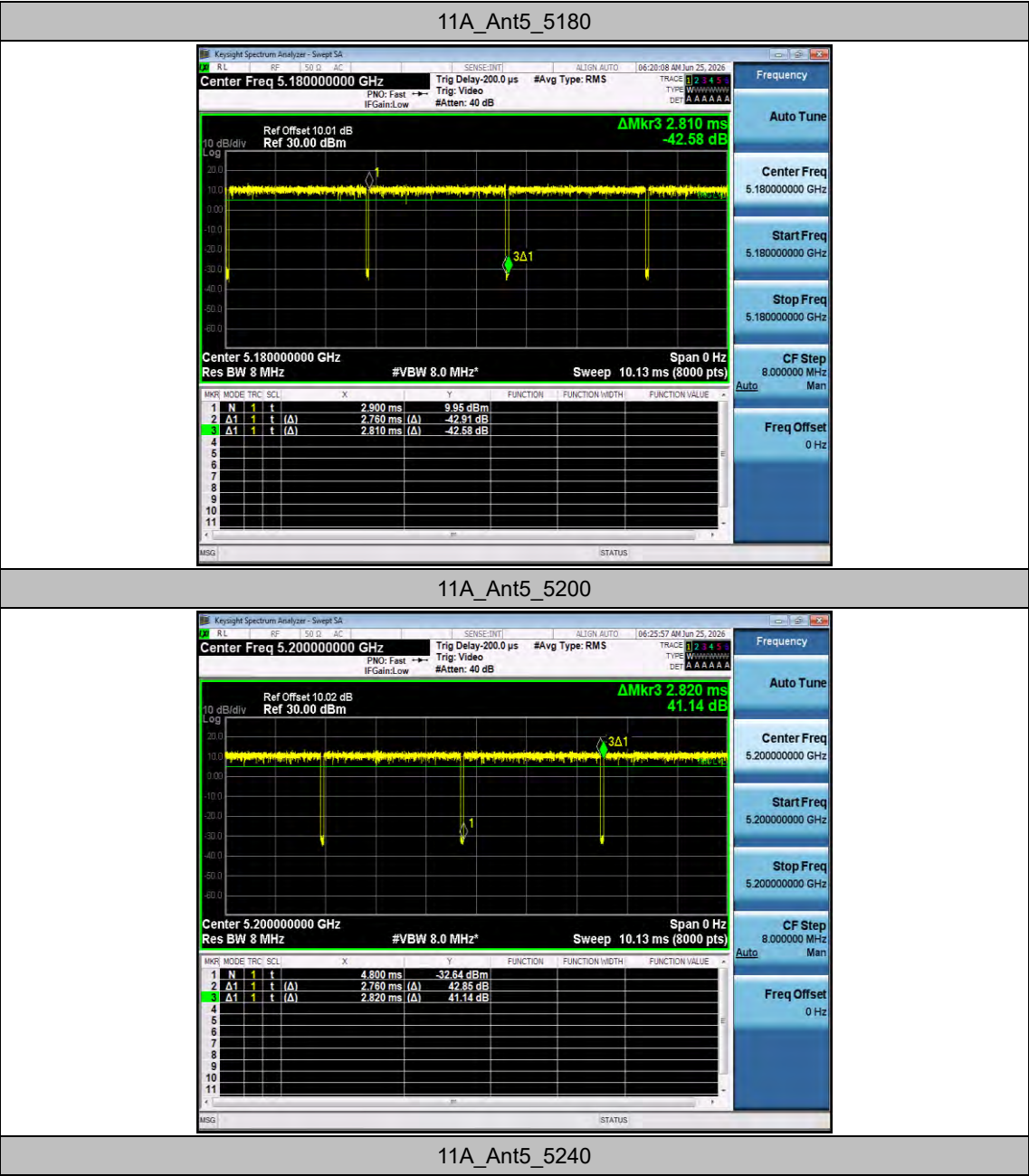


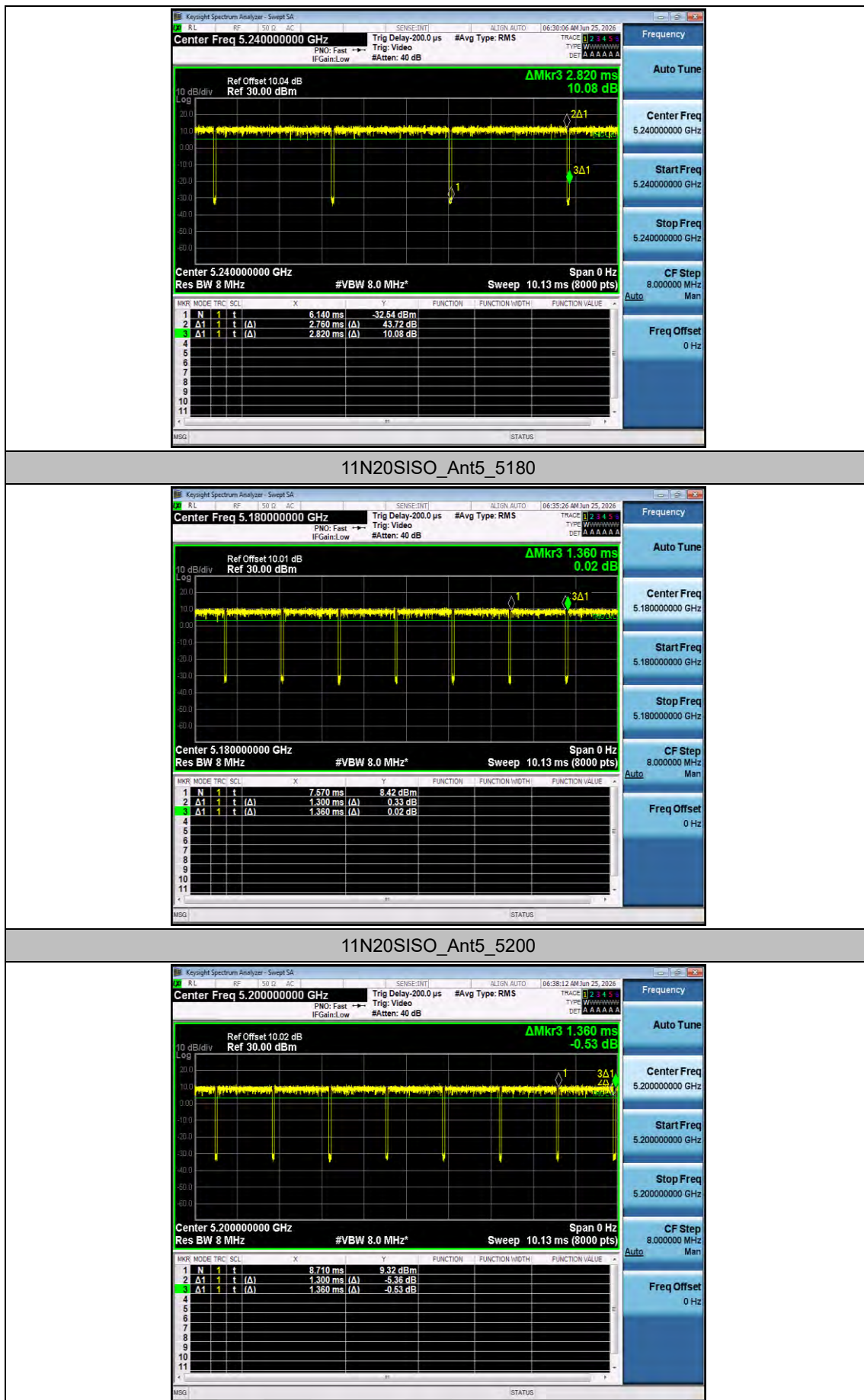
AppendixB.3: Duty Cycle

Test Result

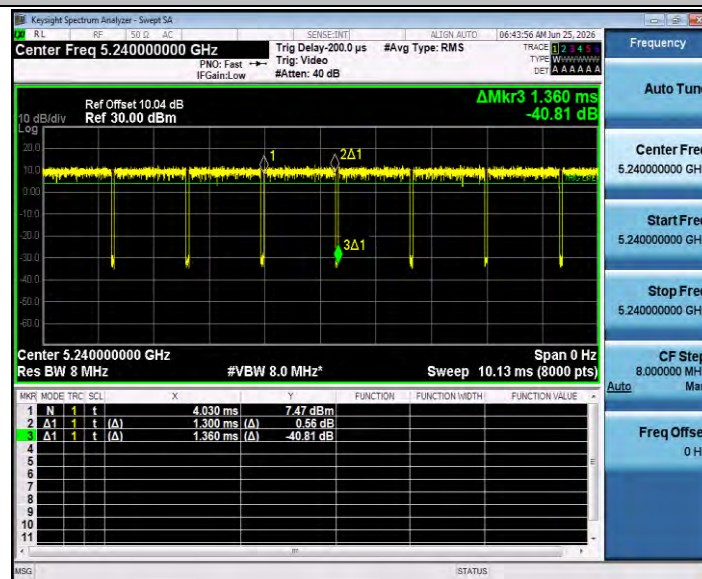
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant5	5180	2.76	2.81	98.22	0.08	0.36
		5200	2.76	2.82	97.87	0.09	0.36
		5240	2.76	2.82	97.87	0.09	0.36
11N20SISO	Ant5	5180	1.30	1.36	95.59	0.20	0.77
		5200	1.30	1.36	95.59	0.20	0.77
		5240	1.30	1.36	95.59	0.20	0.77
11N40SISO	Ant5	5190	0.65	0.70	92.86	0.32	1.54
		5230	0.65	0.71	91.55	0.38	1.54
11AC20SISO	Ant5	5180	0.48	0.54	88.89	0.51	2.08
		5200	0.48	0.53	90.57	0.43	2.08
		5240	0.48	0.54	88.89	0.51	2.08
11AC40SISO	Ant5	5190	0.26	0.32	81.25	0.90	3.85
		5230	0.26	0.32	81.25	0.90	3.85
11AC80SISO	Ant5	5210	0.15	0.21	71.43	1.46	6.67
11AX20SISO	Ant5	5180	0.43	0.49	87.76	0.57	2.33
		5200	0.42	0.48	87.50	0.58	2.38
		5240	0.43	0.49	87.76	0.57	2.33
11AX40SISO	Ant5	5190	0.43	0.49	87.76	0.57	2.33
		5230	0.42	0.48	87.50	0.58	2.38
11AX80SISO	Ant5	5210	0.41	0.47	87.23	0.59	2.44

Test Graphs

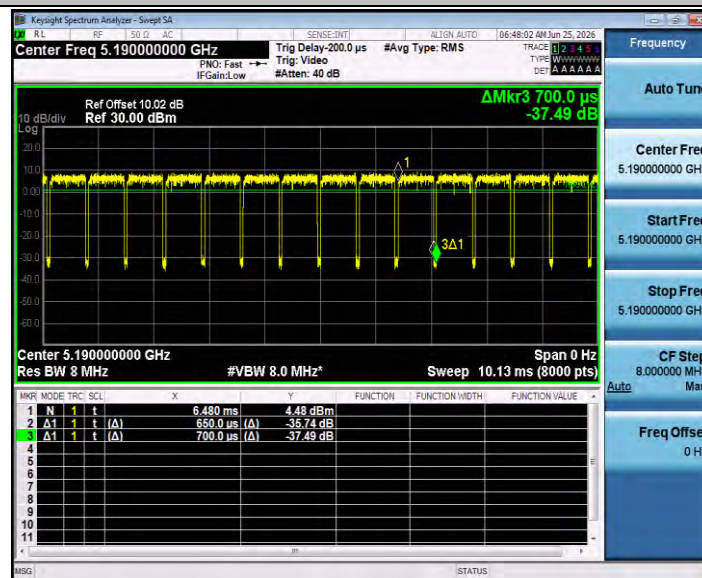




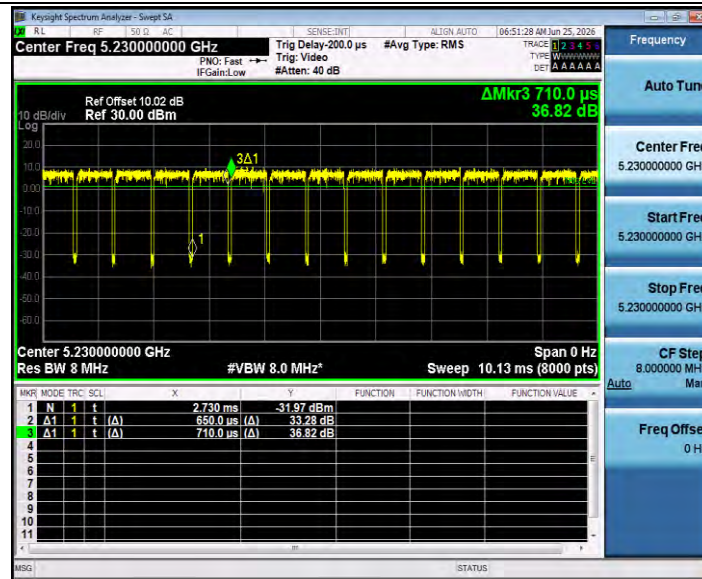
11N20SISO_Ant5_5240



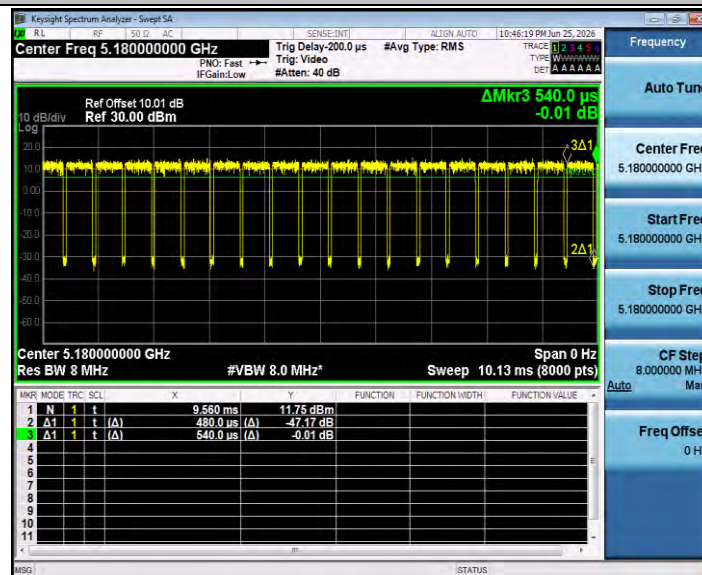
11N40SISO_Ant5_5190



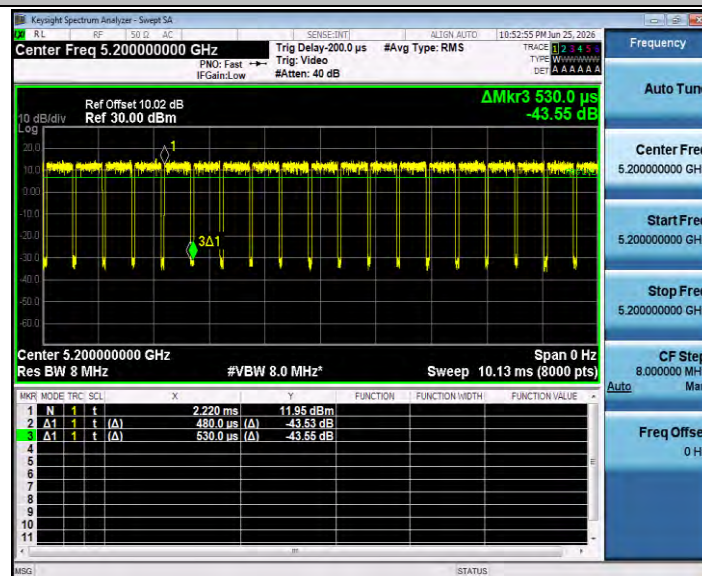
11N40SISO_Ant5_5230

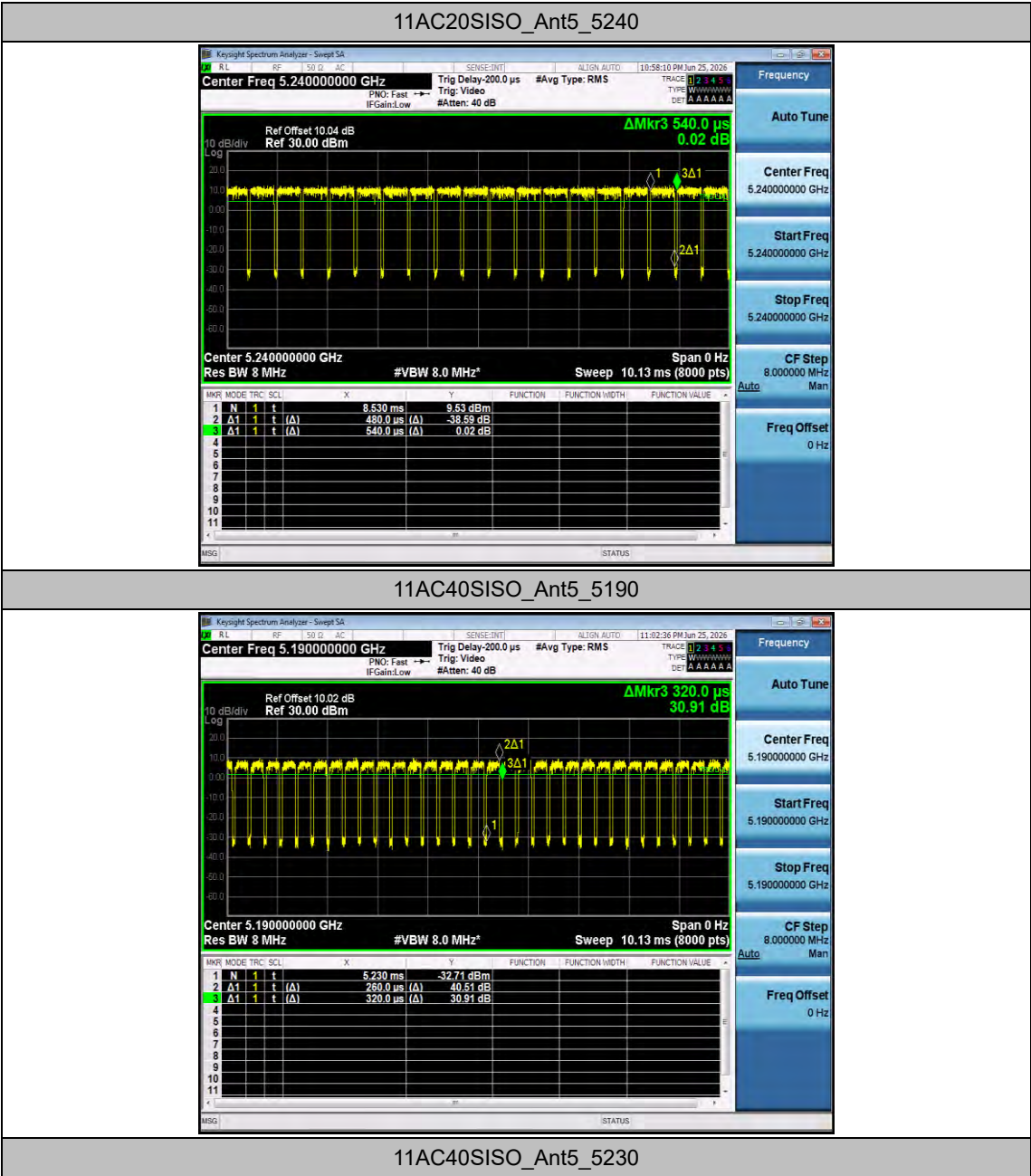


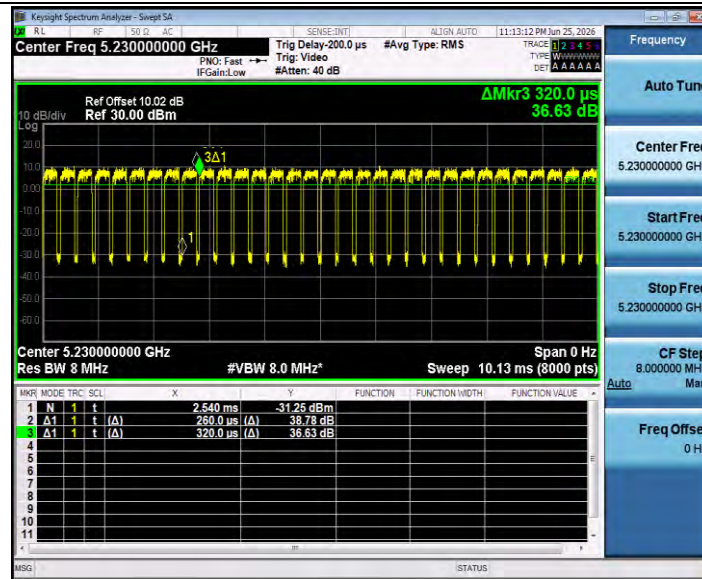
11AC20SISO_Ant5_5180



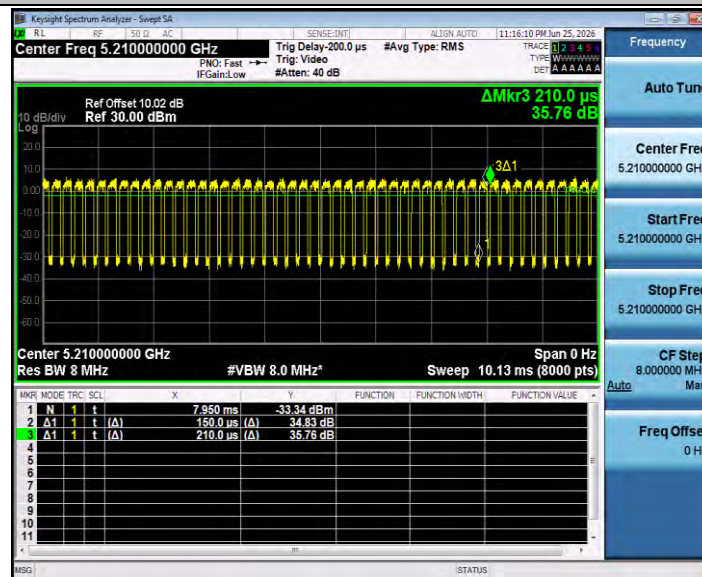
11AC20SISO_Ant5_5200



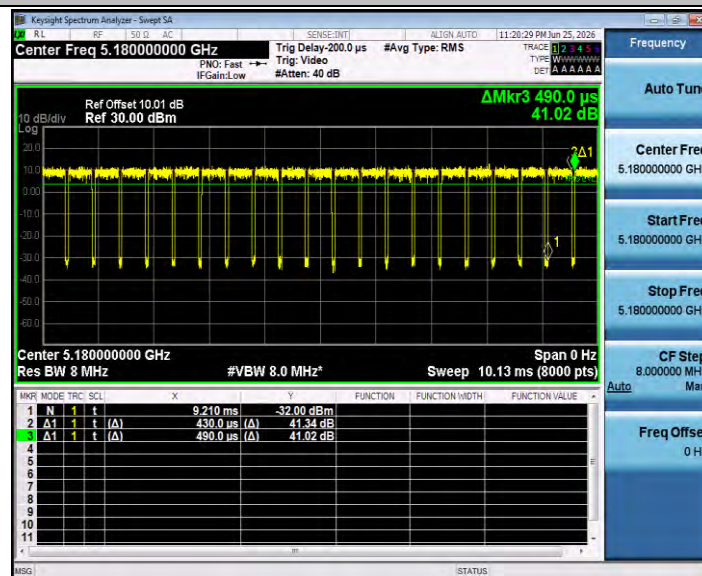


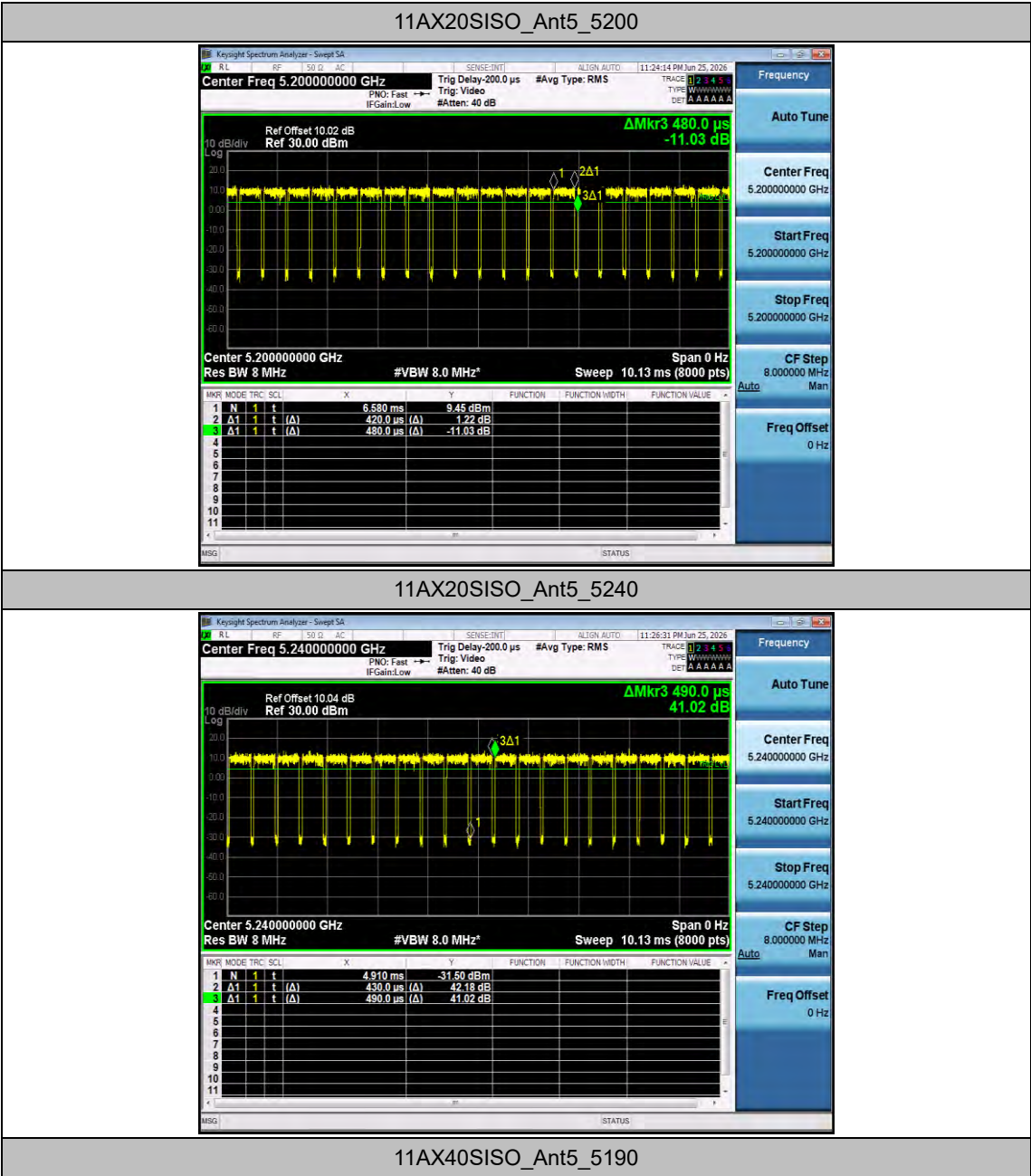


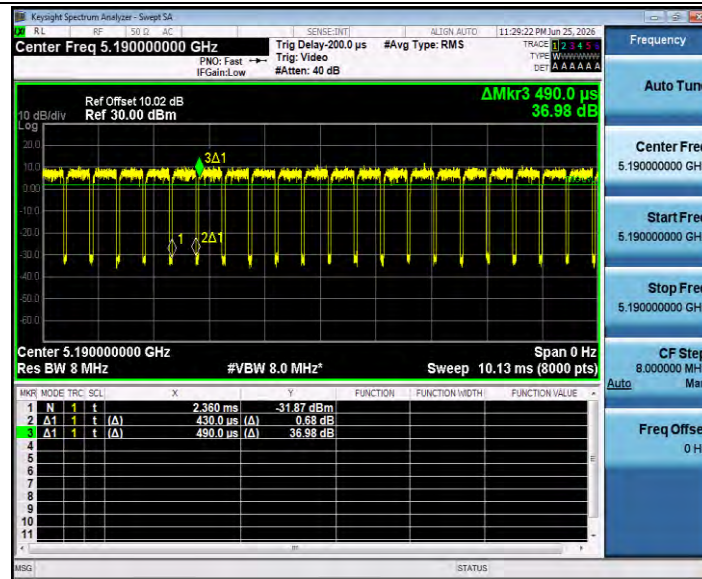
11AC80SISO_Ant5_5210



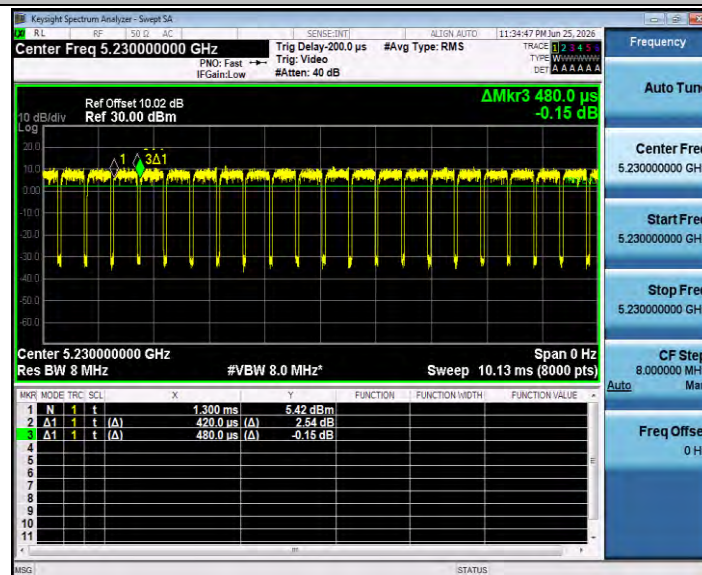
11AX20SISO_Ant5_5180



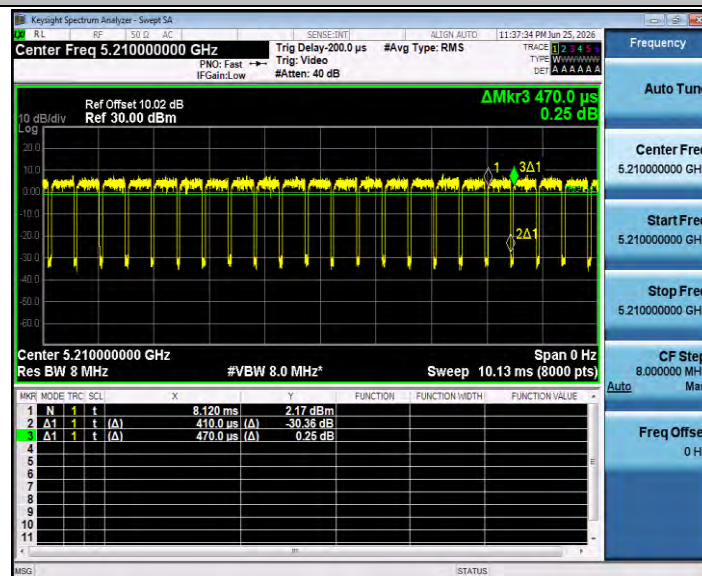




11AX40ISO_Ant5_5230



11AX80ISO_Ant5_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	Ant5	5180	13.40	98.22	0.08	13.48	≤23.98	PASS
		5200	13.65	97.87	0.09	13.74	≤23.98	PASS
		5240	13.94	97.87	0.09	14.03	≤23.98	PASS
11N20SISO	Ant5	5180	11.62	95.59	0.20	11.82	≤23.98	PASS
		5200	12.02	95.59	0.20	12.22	≤23.98	PASS
		5240	12.38	95.59	0.20	12.58	≤23.98	PASS
11N40SISO	Ant5	5190	11.62	92.86	0.32	11.94	≤23.98	PASS
		5230	12.04	91.55	0.38	12.42	≤23.98	PASS
11AC20SISO	Ant5	5180	14.72	88.89	0.51	15.23	≤23.98	PASS
		5200	14.65	90.57	0.43	15.08	≤23.98	PASS
		5240	12.55	88.89	0.51	13.06	≤23.98	PASS
11AC40SISO	Ant5	5190	11.60	81.25	0.90	12.50	≤23.98	PASS
		5230	12.01	81.25	0.90	12.91	≤23.98	PASS
11AC80SISO	Ant5	5210	10.46	71.43	1.46	11.92	≤23.98	PASS
11AX20SISO	Ant5	5180	12.03	87.76	0.57	12.60	≤23.98	PASS
		5200	12.36	87.50	0.58	12.94	≤23.98	PASS
		5240	12.70	87.76	0.57	13.27	≤23.98	PASS
11AX40SISO	Ant5	5190	12.23	87.76	0.57	12.80	≤23.98	PASS
		5230	12.57	87.50	0.58	13.15	≤23.98	PASS
11AX80SISO	Ant5	5210	11.83	87.23	0.59	12.42	≤23.98	PASS

Appendix B.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant5	5180	2.33	≤11.00	PASS
		5200	2.60	≤11.00	PASS
		5240	2.81	≤11.00	PASS
11N20SISO	Ant5	5180	0.53	≤11.00	PASS
		5200	0.88	≤11.00	PASS
		5240	1.19	≤11.00	PASS
11N40SISO	Ant5	5190	-1.57	≤11.00	PASS
		5230	-1.11	≤11.00	PASS
11AC20SISO	Ant5	5180	3.95	≤11.00	PASS
		5200	3.75	≤11.00	PASS
		5240	1.67	≤11.00	PASS
11AC40SISO	Ant5	5190	-1.15	≤11.00	PASS
		5230	-0.67	≤11.00	PASS
11AC80SISO	Ant5	5210	-4.29	≤11.00	PASS
11AX20SISO	Ant5	5180	0.83	≤11.00	PASS
		5200	1.16	≤11.00	PASS
		5240	1.52	≤11.00	PASS
11AX40SISO	Ant5	5190	-1.00	≤11.00	PASS
		5230	-0.56	≤11.00	PASS
11AX80SISO	Ant5	5210	-4.21	≤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 Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant5_5180



11A_Ant5_5200



11A_Ant5_5240



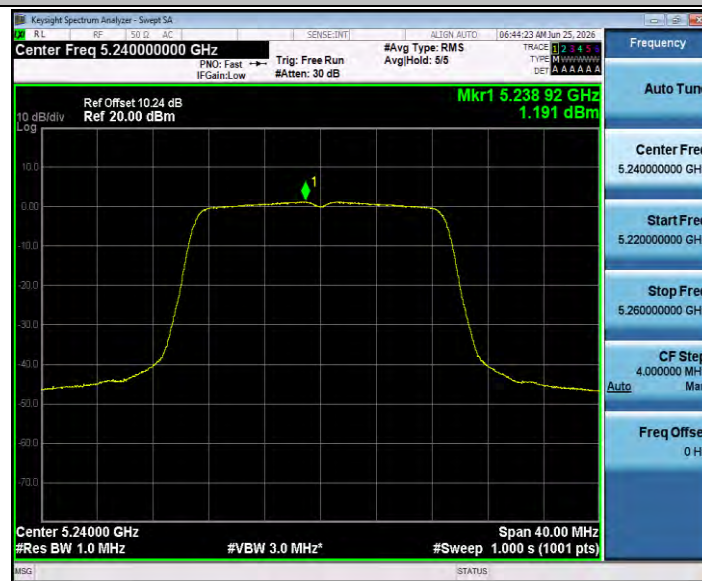
11N20SISO_Ant5_5180



11N20SISO_Ant5_5200



11N20SISO_Ant5_5240



11N40SISO_Ant5_5190



11N40SISO_Ant5_5230



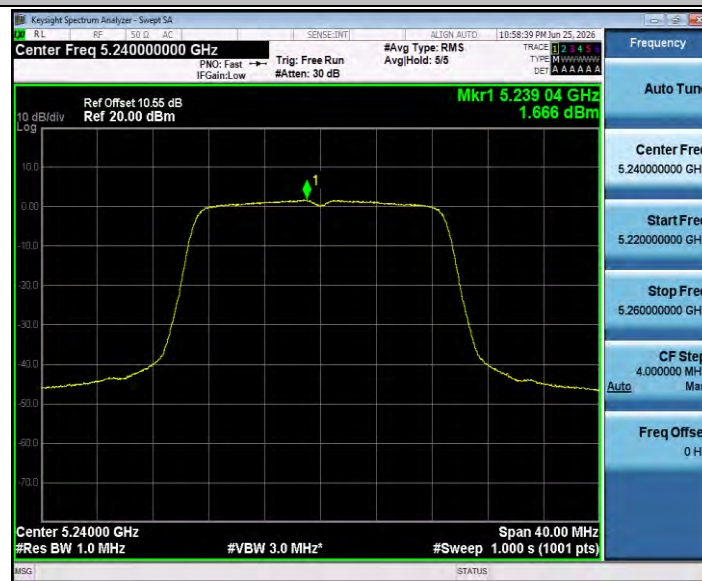
11AC20SISO_Ant5_5180



11AC20SISO_Ant5_5200



11AC20SISO_Ant5_5240



11AC40SISO_Ant5_5190



11AC40SISO_Ant5_5230



11AC80SISO_Ant5_5210



11AX20SISO_Ant5_5180



11AX20SISO_Ant5_5200



11AX20SISO_Ant5_5240



11AX40SISO_Ant5_5190



11AX40ISO_Ant5_5230



11AX80ISO_Ant5_5210

