

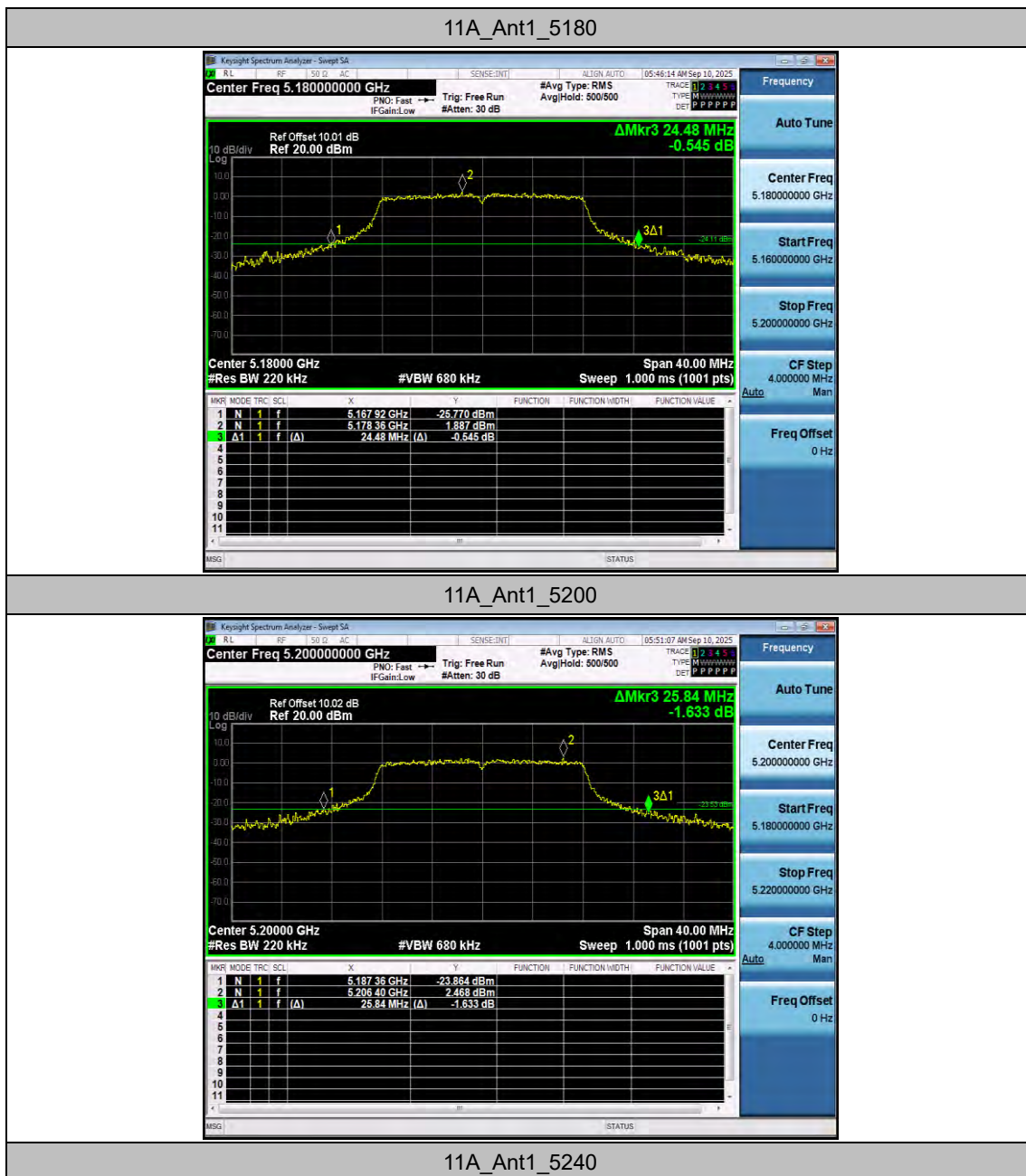
Case No. : <u>GTS20250818004-2-12</u>	
Ambient Condition: <u>22</u> °C, <u>58</u> %RH	
According Standard: <u>■Part15E</u>	
Test Date: <u>2025.9.4-2025.9.17</u>	Test Engineer: <u>Evan ouyang</u>

AppendixD.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.480	5167.920	5192.400	---	---
		5200	25.840	5187.360	5213.200	---	---
		5240	28.040	5225.040	5253.080	---	---
11N20SISO	Ant1	5180	26.240	5167.080	5193.320	---	---
		5200	26.160	5187.480	5213.640	---	---
		5240	19.280	5230.360	5249.640	---	---
11N40SISO	Ant1	5190	47.760	5167.600	5215.360	---	---
		5230	46.480	5207.280	5253.760	---	---
11AC20SISO	Ant1	5180	26.600	5167.360	5193.960	---	---
		5200	26.880	5186.800	5213.680	---	---
		5240	27.640	5227.440	5255.080	---	---
11AC40SISO	Ant1	5190	50.960	5167.280	5218.240	---	---
		5230	49.360	5207.440	5256.800	---	---
11AX20SISO	Ant1	5180	24.640	5168.040	5192.680	---	---
		5200	25.720	5187.520	5213.240	---	---
		5240	25.760	5227.080	5252.840	---	---
11AX40SISO	Ant1	5190	45.360	5167.840	5213.200	---	---
		5230	44.480	5207.520	5252.000	---	---

Test Graphs





11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



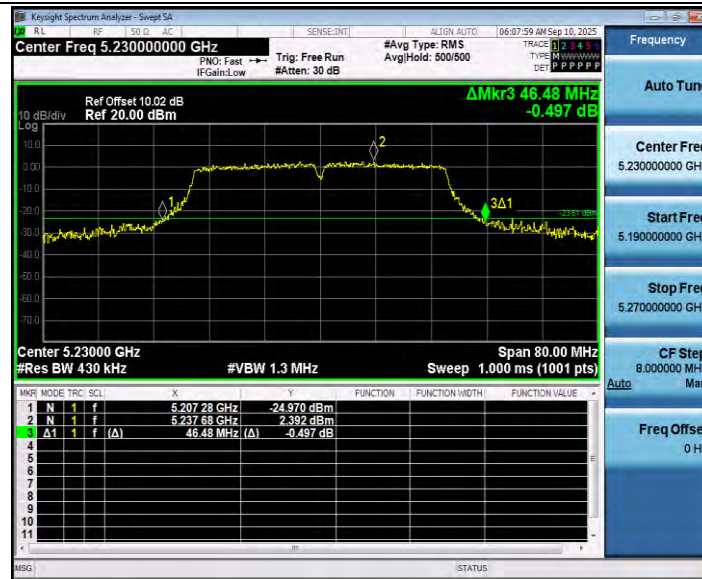
11N20SISO_Ant1_5240



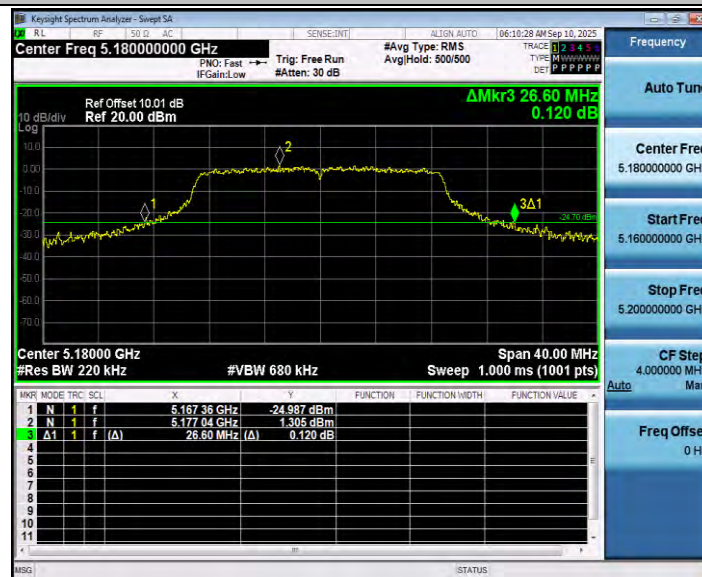
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

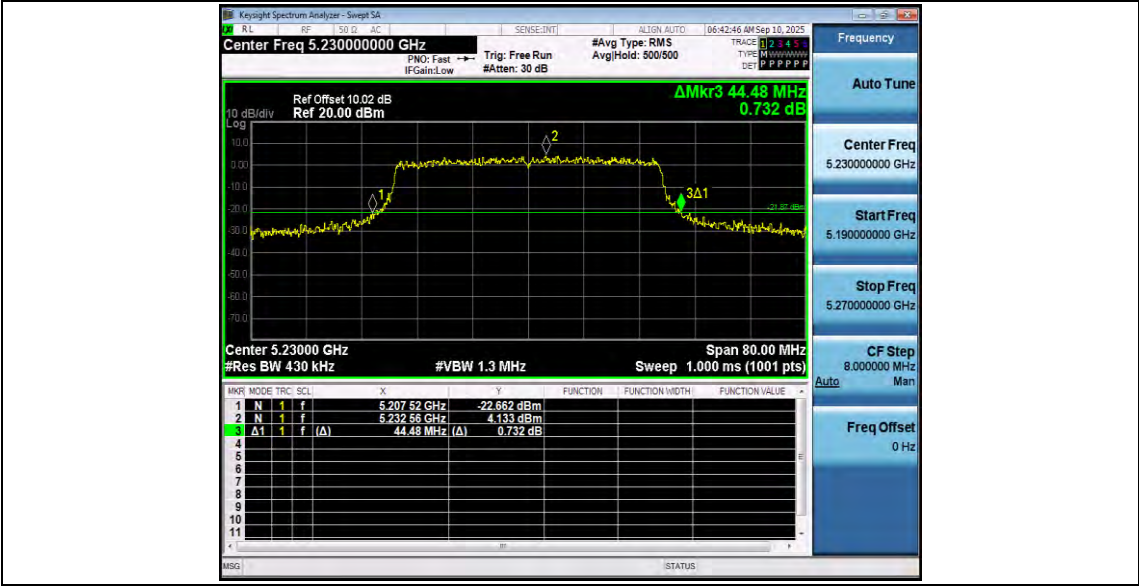


11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



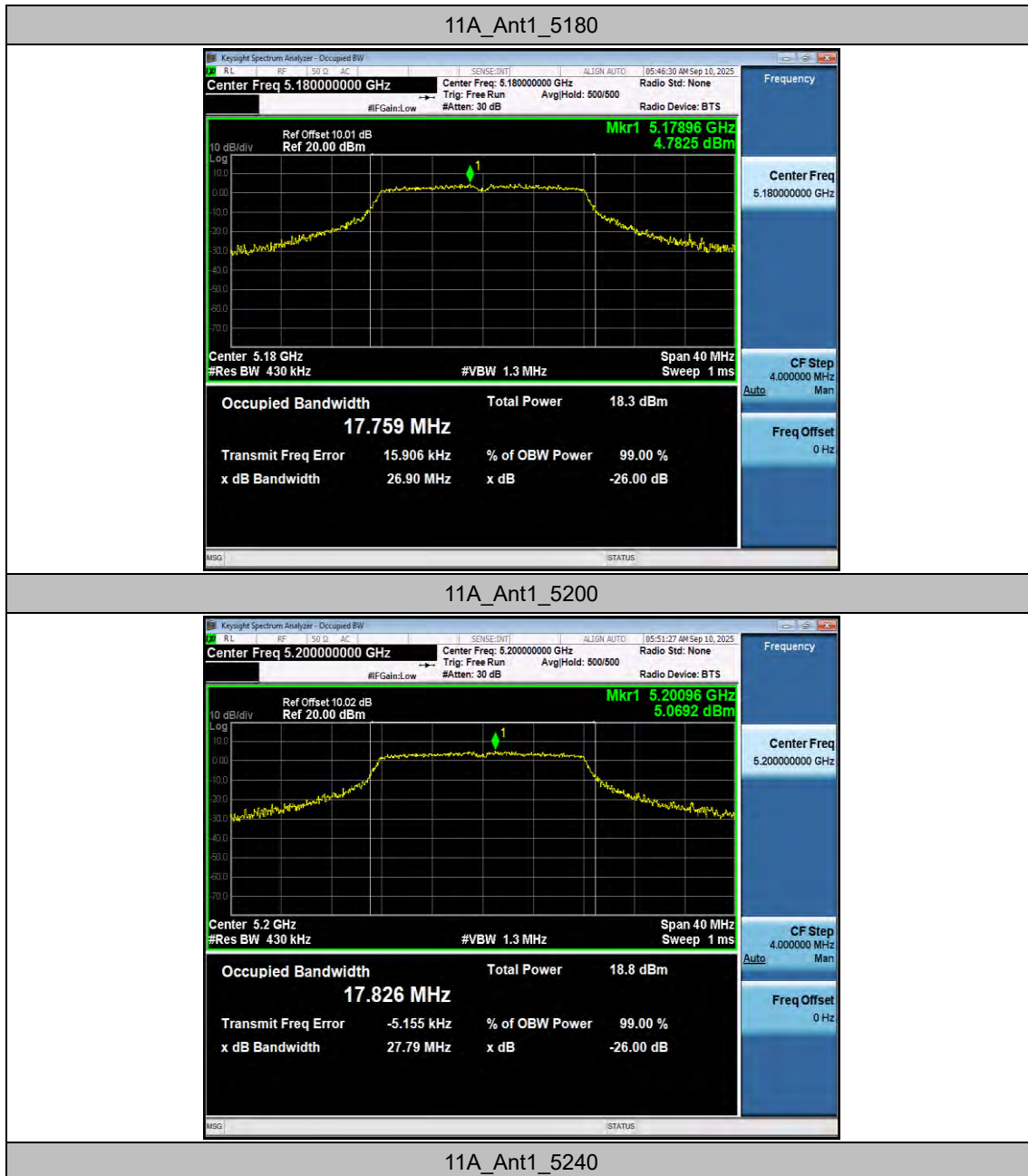


AppendixD.2: Occupied channel bandwidth

Test Result

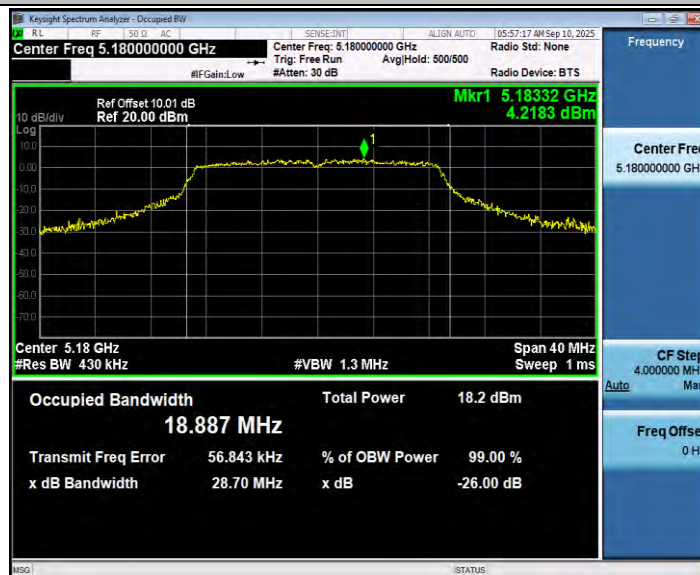
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.759	5171.1364	5188.8954	---	---
		5200	17.826	5191.0818	5208.9078	---	---
		5240	17.803	5231.0470	5248.8500	---	---
11N20SISO	Ant1	5180	18.887	5170.6133	5189.5003	---	---
		5200	18.890	5190.5928	5209.4828	---	---
		5240	18.850	5230.5800	5249.4300	---	---
11N40SISO	Ant1	5190	37.445	5171.3622	5208.8072	---	---
		5230	37.349	5211.3644	5248.7134	---	---
11AC20SISO	Ant1	5180	18.872	5170.5849	5189.4569	---	---
		5200	18.804	5190.6117	5209.4157	---	---
		5240	18.818	5230.5787	5249.3967	---	---
11AC40SISO	Ant1	5190	37.389	5171.4518	5208.8408	---	---
		5230	37.570	5211.3215	5248.8915	---	---
11AX20SISO	Ant1	5180	19.541	5170.2876	5189.8286	---	---
		5200	19.507	5190.2581	5209.7651	---	---
		5240	19.599	5230.2297	5249.8287	---	---
11AX40SISO	Ant1	5190	38.424	5170.8695	5209.2935	---	---
		5230	38.287	5210.8938	5249.1808	---	---

Test Graphs

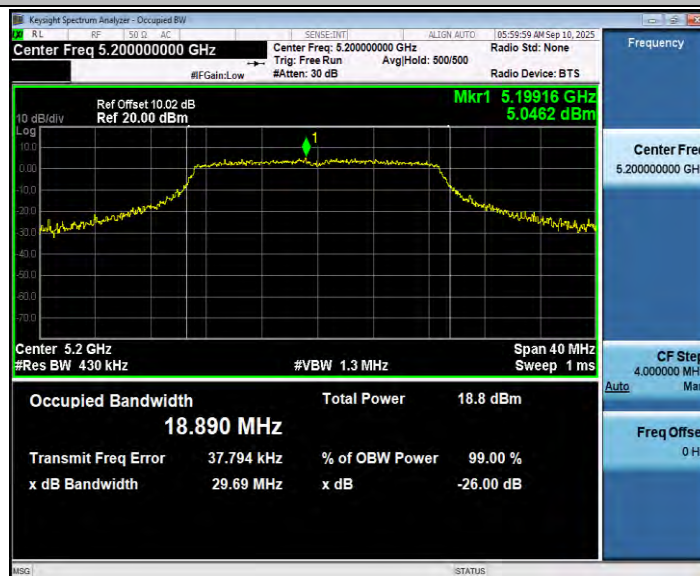




11N20SISO_Ant1_5180



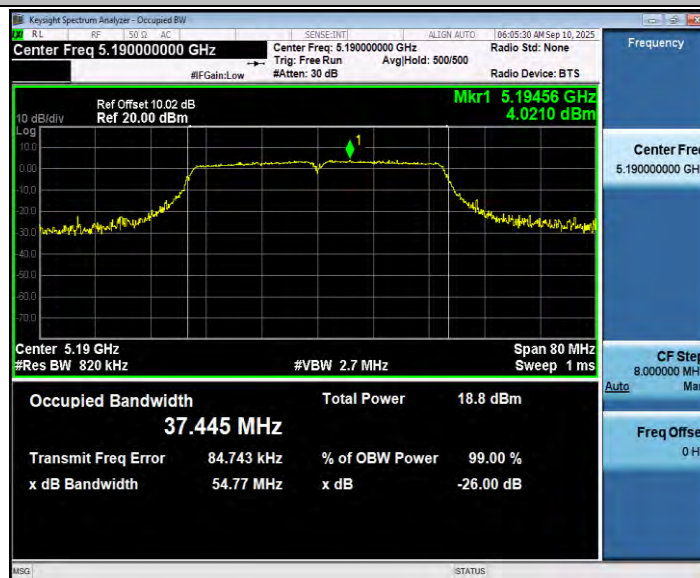
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



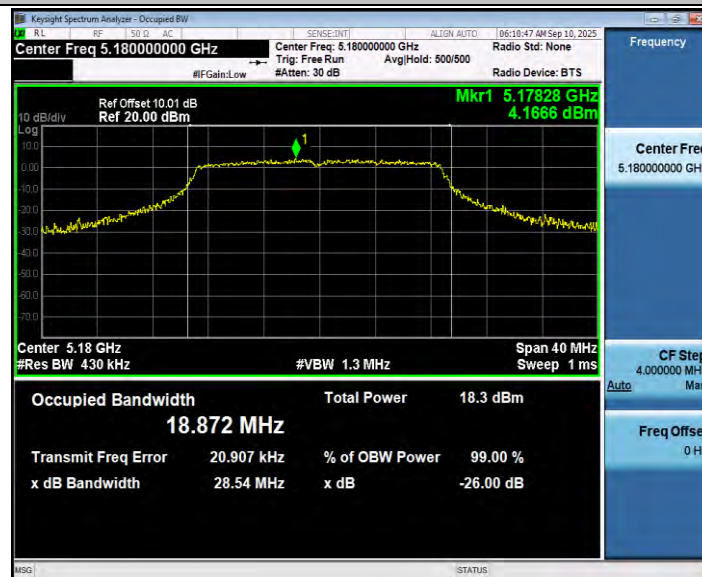
11N40SISO_Ant1_5190



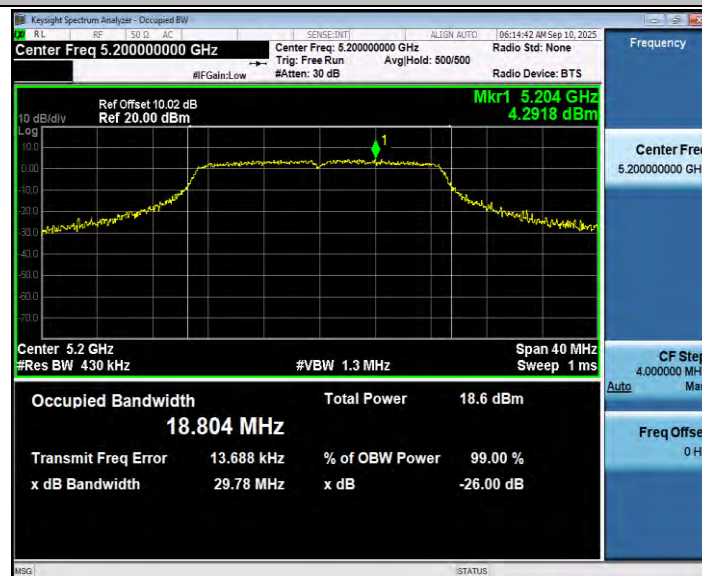
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



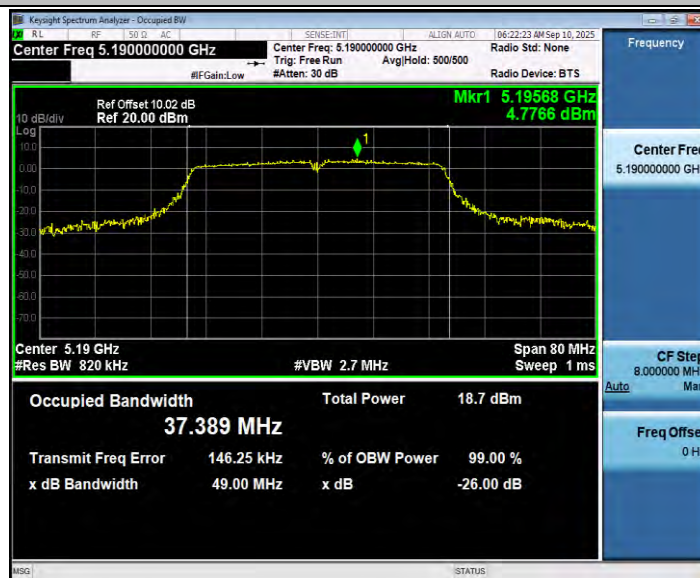
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



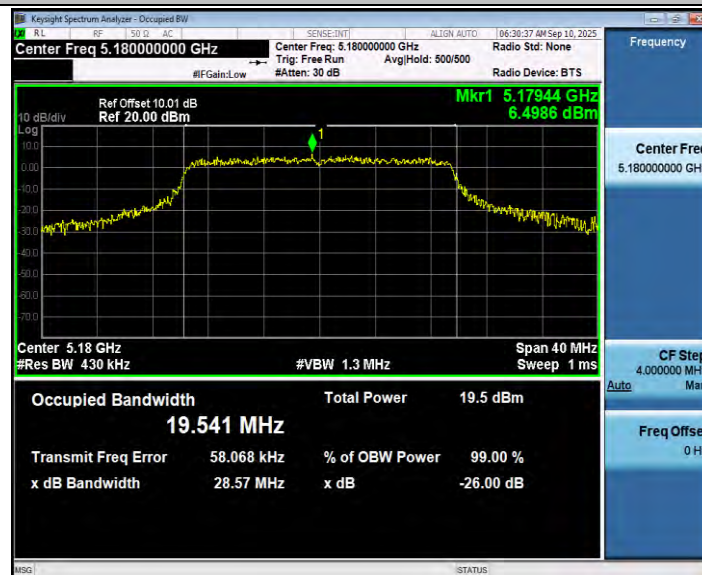
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

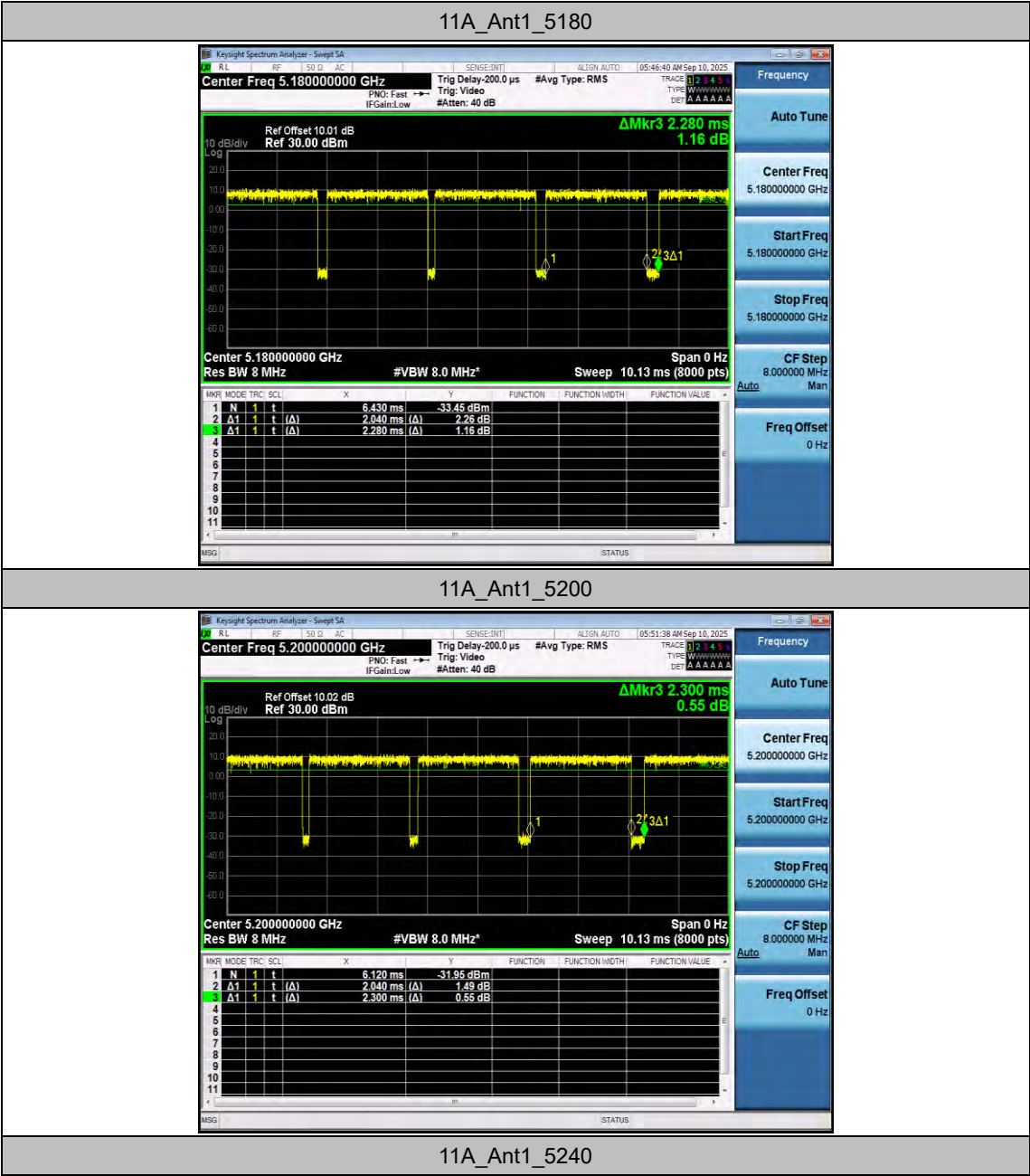


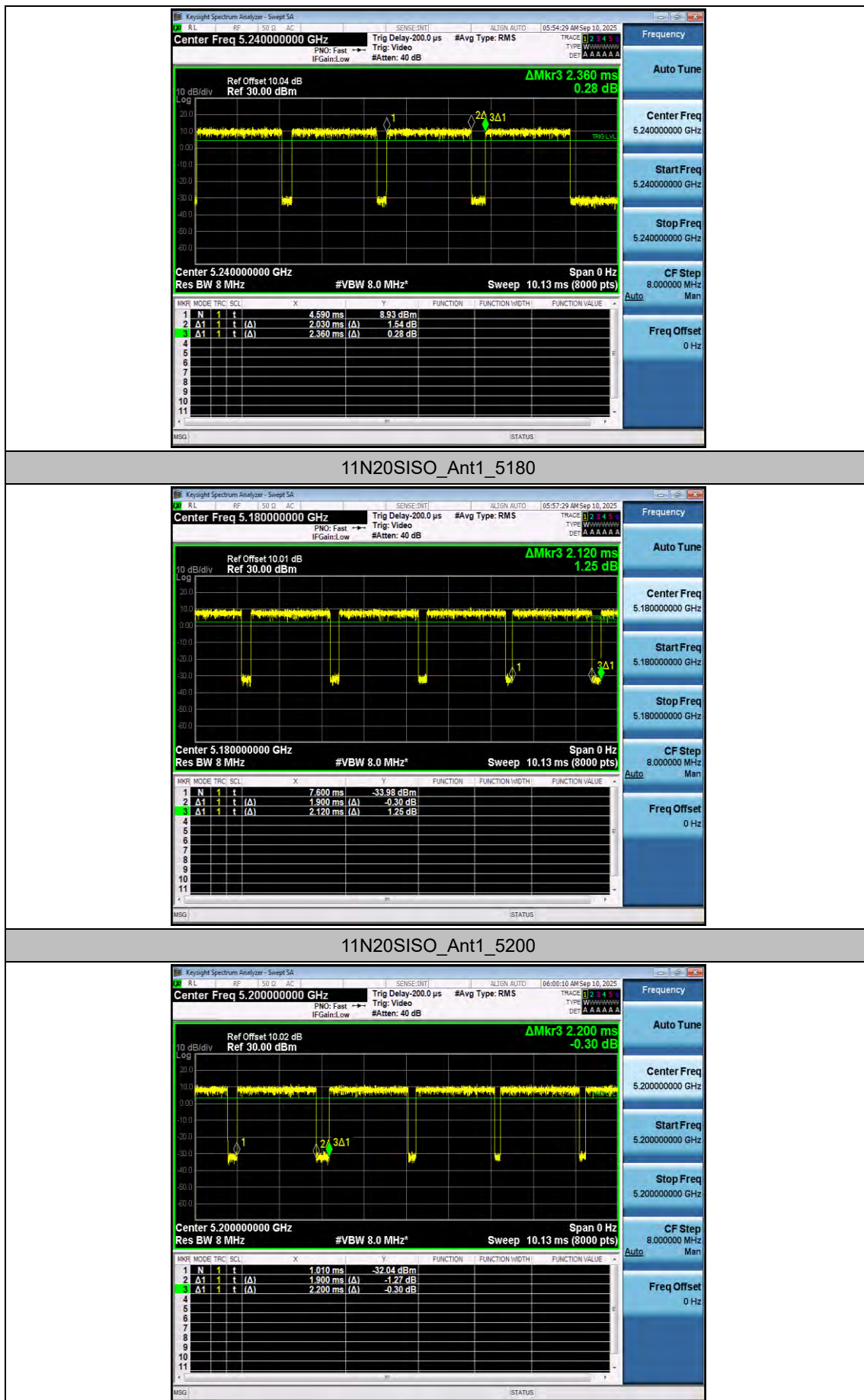
AppendixD.3: Duty Cycle

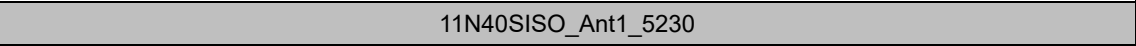
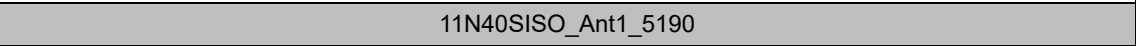
Test Result

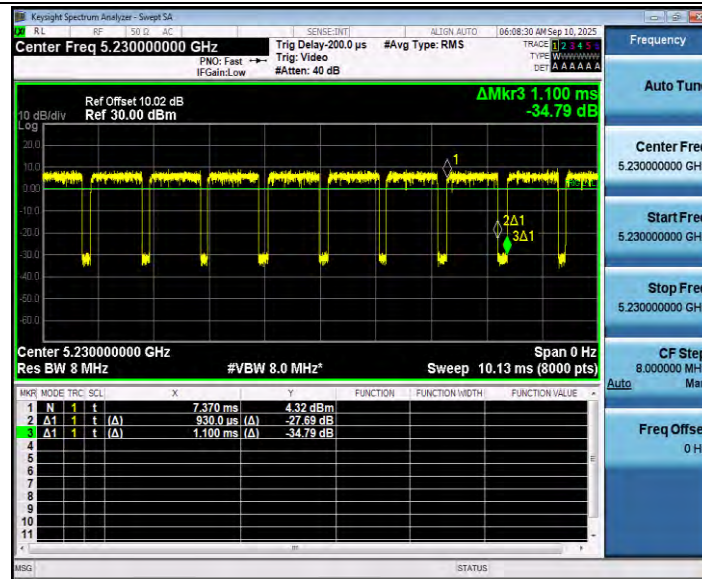
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	2.04	2.28	89.47	0.48	0.49
		5200	2.04	2.30	88.70	0.52	0.49
		5240	2.03	2.36	86.02	0.65	0.49
11N20SISO	Ant1	5180	1.90	2.12	89.62	0.48	0.53
		5200	1.90	2.20	86.36	0.64	0.53
		5240	1.89	2.08	90.87	0.42	0.53
11N40SISO	Ant1	5190	0.93	1.08	86.11	0.65	1.08
		5230	0.93	1.10	84.55	0.73	1.08
11AC20SISO	Ant1	5180	1.90	2.10	90.48	0.43	0.53
		5200	1.90	2.08	91.35	0.39	0.53
		5240	1.90	2.13	89.20	0.50	0.53
11AC40SISO	Ant1	5190	0.94	1.39	67.63	1.70	1.06
		5230	0.94	1.10	85.45	0.68	1.06
11AX20SISO	Ant1	5180	1.46	1.69	86.39	0.64	0.68
		5200	1.47	1.64	89.63	0.48	0.68
		5240	1.47	1.69	86.98	0.61	0.68
11AX40SISO	Ant1	5190	0.76	1.00	76.00	1.19	1.32
		5230	0.77	0.94	81.91	0.87	1.30

Test Graphs

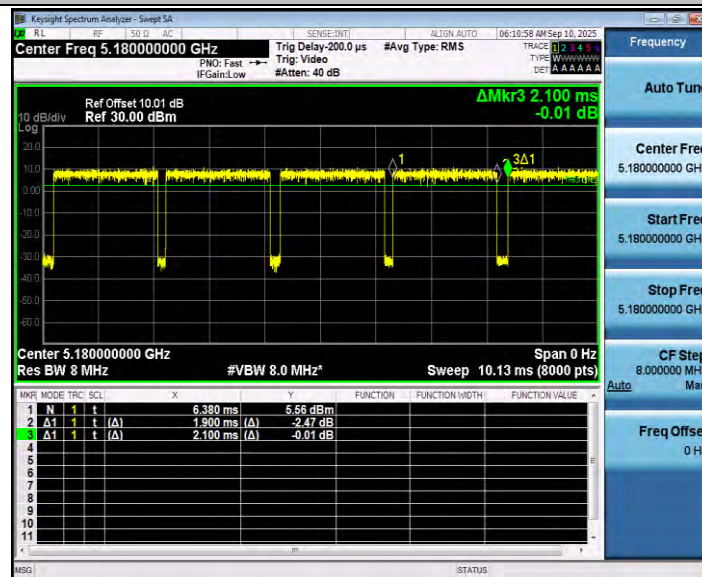




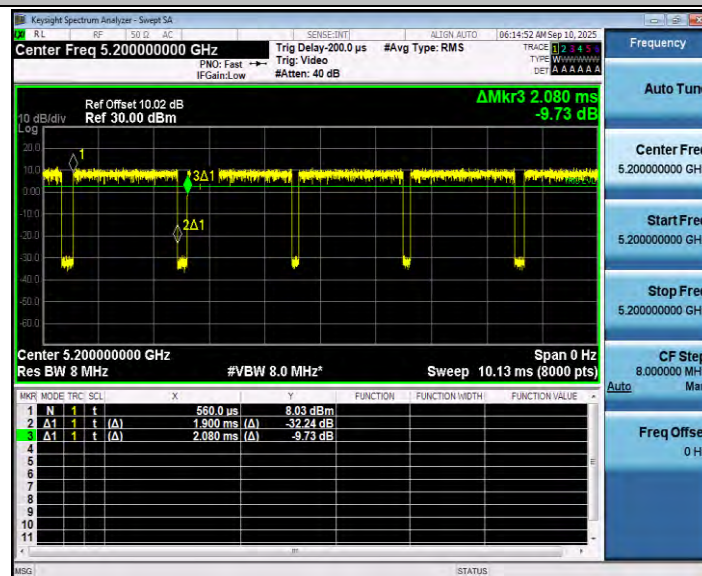




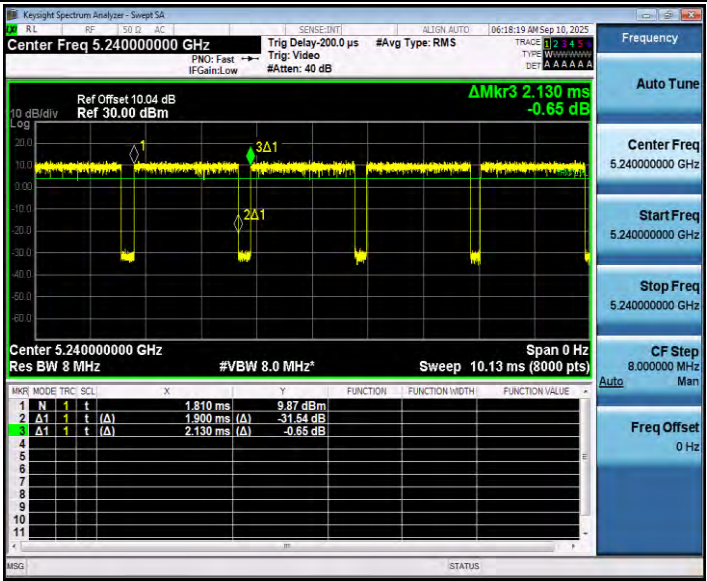
11AC20SISO_Ant1_5180



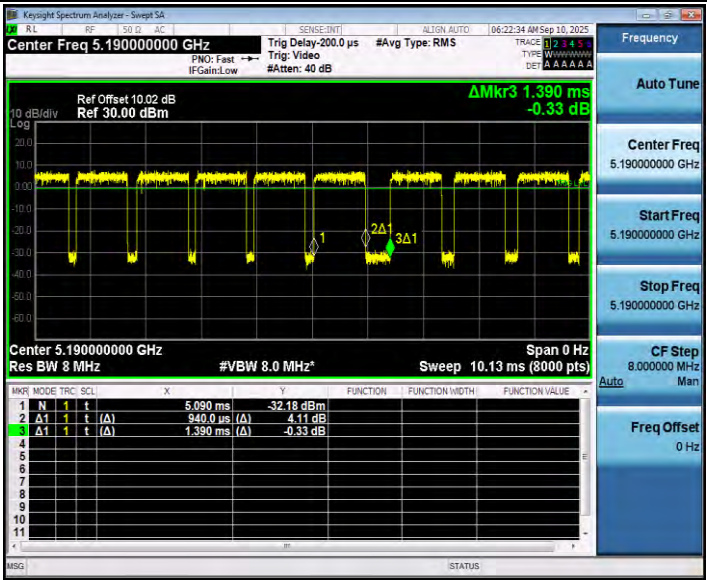
11AC20SISO_Ant1_5200



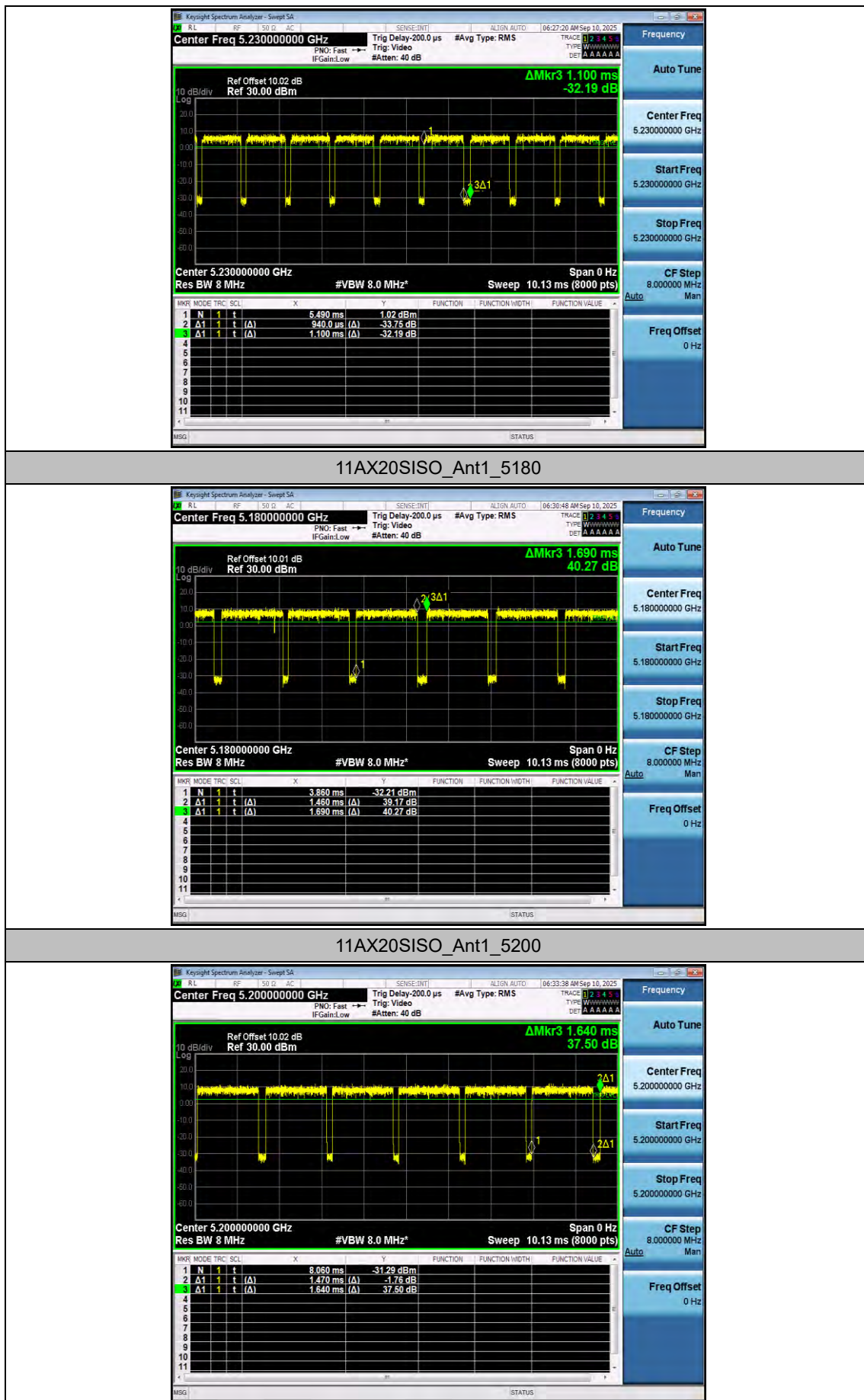
11AC20SISO_Ant1_5240



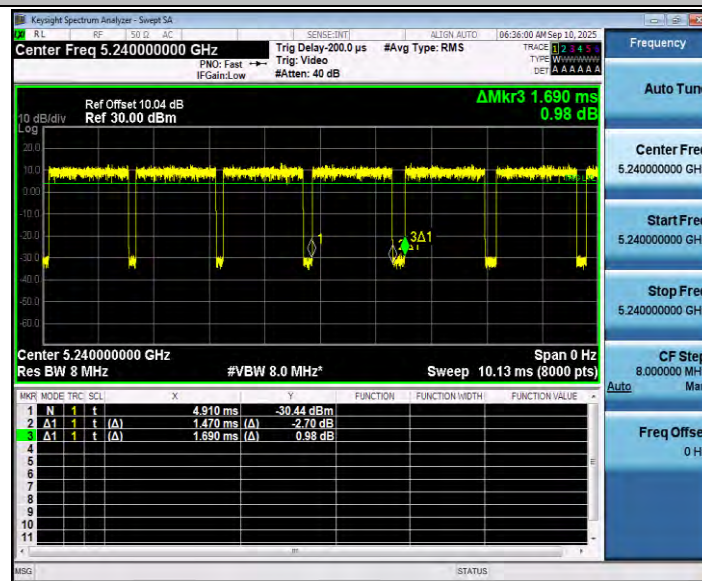
11AC40SISO_Ant1_5190



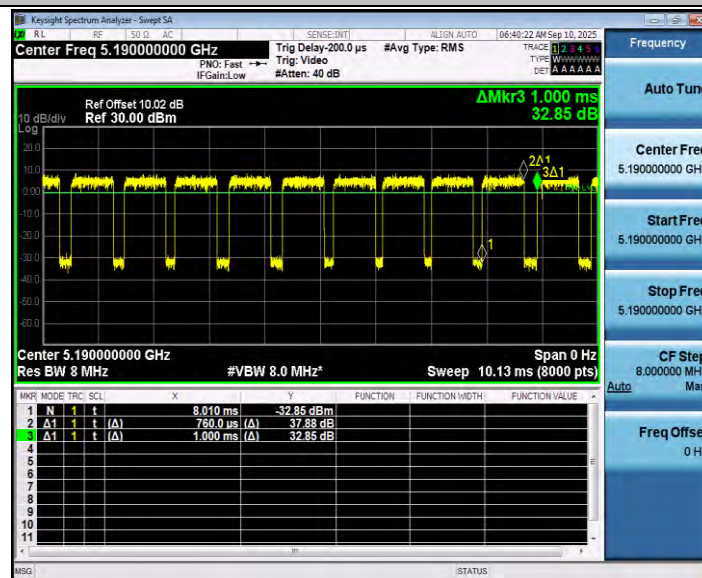
11AC40SISO_Ant1_5230



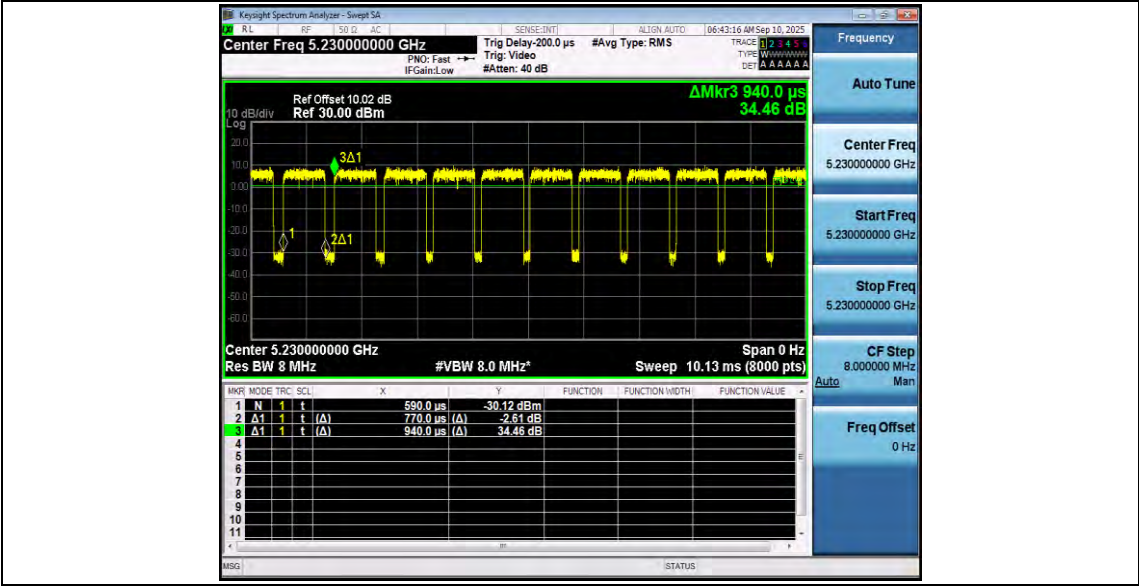
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



AppendixD.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	11.04	89.47	0.48	11.52	≤23.98	PASS
		5200	11.52	88.70	0.52	12.04	≤23.98	PASS
		5240	12.52	86.02	0.65	13.17	≤23.98	PASS
11N20SISO	Ant1	5180	10.92	89.62	0.48	11.40	≤23.98	PASS
		5200	11.62	86.36	0.64	12.26	≤23.98	PASS
		5240	12.40	90.87	0.42	12.82	≤23.98	PASS
11N40SISO	Ant1	5190	10.70	86.11	0.65	11.35	≤23.98	PASS
		5230	11.75	84.55	0.73	12.48	≤23.98	PASS
11AC20SISO	Ant1	5180	11.03	90.48	0.43	11.46	≤23.98	PASS
		5200	11.33	91.35	0.39	11.72	≤23.98	PASS
		5240	12.31	89.20	0.50	12.81	≤23.98	PASS
11AC40SISO	Ant1	5190	10.61	67.63	1.70	12.31	≤23.98	PASS
		5230	11.65	85.45	0.68	12.33	≤23.98	PASS
11AX20SISO	Ant1	5180	10.52	86.39	0.64	11.16	≤23.98	PASS
		5200	11.37	89.63	0.48	11.85	≤23.98	PASS
		5240	12.28	86.98	0.61	12.89	≤23.98	PASS
11AX40SISO	Ant1	5190	10.49	76.00	1.19	11.68	≤23.98	PASS
		5230	11.61	81.91	0.87	12.48	≤23.98	PASS

1.

AppendixD.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	0.36	≤11.00	PASS
		5200	0.95	≤11.00	PASS
		5240	2.06	≤11.00	PASS
11N20SISO	Ant1	5180	0.06	≤11.00	PASS
		5200	0.78	≤11.00	PASS
		5240	1.50	≤11.00	PASS
11N40SISO	Ant1	5190	-2.71	≤11.00	PASS
		5230	-1.71	≤11.00	PASS
11AC20SISO	Ant1	5180	0.07	≤11.00	PASS
		5200	0.42	≤11.00	PASS
		5240	1.55	≤11.00	PASS
11AC40SISO	Ant1	5190	-1.68	≤11.00	PASS
		5230	-1.82	≤11.00	PASS
11AX20SISO	Ant1	5180	-0.22	≤11.00	PASS
		5200	0.30	≤11.00	PASS
		5240	1.49	≤11.00	PASS
11AX40SISO	Ant1	5190	-2.74	≤11.00	PASS
		5230	-2.08	≤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_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

