

Case No. : <u>GTS20260807008-1-13</u>
Ambient Condition: <u>24</u> °C, <u>47</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.8.19-2026.8.27</u> Test Engineer: <u>Evan ouyang</u>

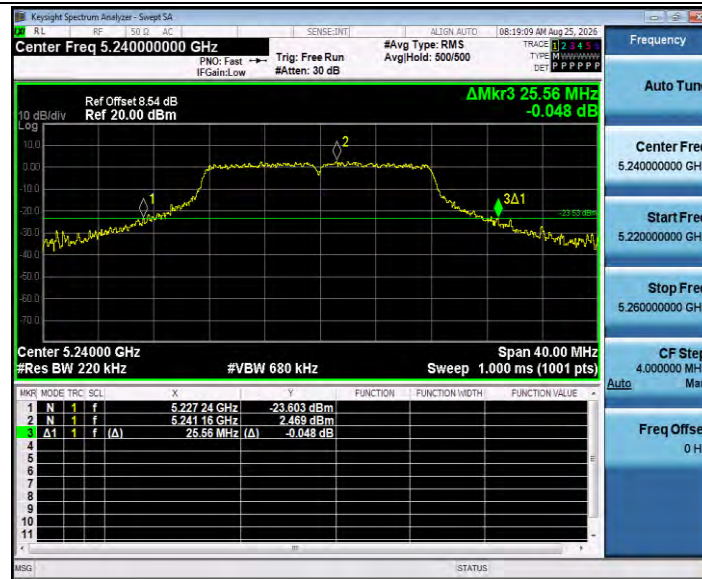
AppendixD.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	25.320	5167.200	5192.520	---	---
		5200	25.840	5186.240	5212.080	---	---
		5240	25.560	5227.240	5252.800	---	---
11N20SISO	Ant1	5180	26.320	5167.120	5193.440	---	---
		5200	27.160	5186.960	5214.120	---	---
		5240	26.600	5226.840	5253.440	---	---
11N40SISO	Ant1	5190	48.400	5164.800	5213.200	---	---
		5230	45.920	5207.120	5253.040	---	---
11AC20SISO	Ant1	5180	26.160	5167.080	5193.240	---	---
		5200	26.120	5186.880	5213.000	---	---
		5240	25.600	5227.160	5252.760	---	---
11AC40SISO	Ant1	5190	45.840	5167.280	5213.120	---	---
		5230	47.600	5207.120	5254.720	---	---
11AC80SISO	Ant1	5210	88.320	5166.320	5254.640	---	---
11AX20SISO	Ant1	5180	24.280	5167.800	5192.080	---	---
		5200	26.240	5187.120	5213.360	---	---
		5240	25.120	5227.000	5252.120	---	---
11AX40SISO	Ant1	5190	43.920	5168.080	5212.000	---	---
		5230	44.560	5207.680	5252.240	---	---
11AX80SISO	Ant1	5210	87.360	5167.440	5254.800	---	---

Test Graphs





11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



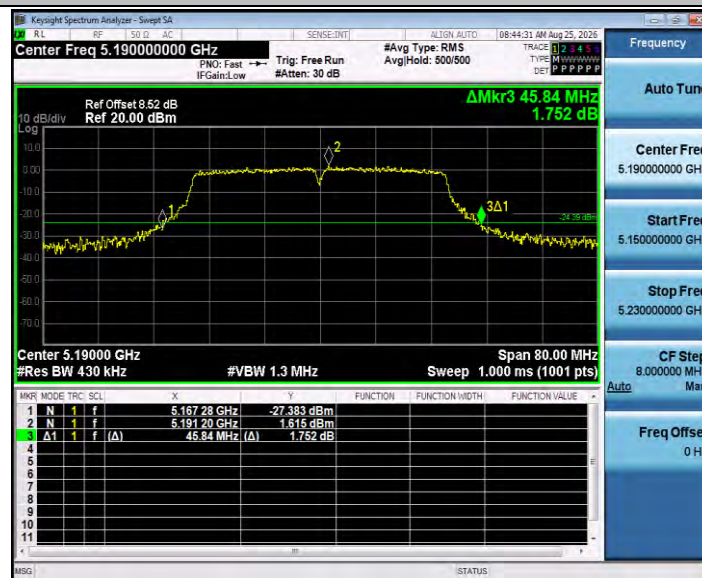
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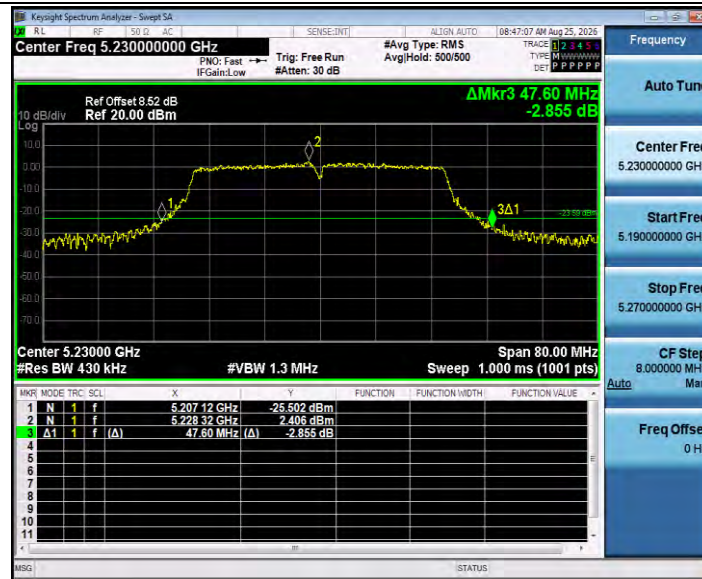
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



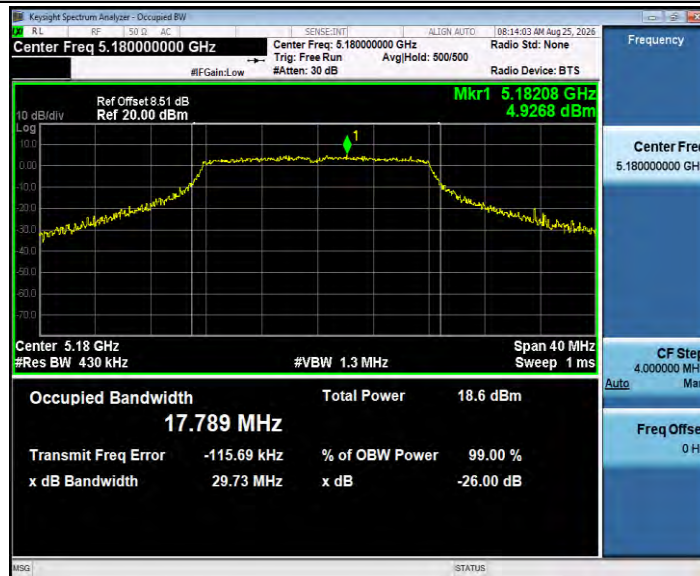
AppendixD.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.789	5170.9898	5188.7788	---	---
		5200	17.750	5190.9586	5208.7086	---	---
		5240	17.618	5231.0266	5248.6446	---	---
11N20SISO	Ant1	5180	18.801	5170.5299	5189.3309	---	---
		5200	18.708	5190.5754	5209.2834	---	---
		5240	18.847	5230.4585	5249.3055	---	---
11N40SISO	Ant1	5190	37.241	5171.3414	5208.5824	---	---
		5230	37.215	5211.3556	5248.5706	---	---
11AC20SISO	Ant1	5180	18.785	5170.5054	5189.2904	---	---
		5200	18.783	5190.5438	5209.3268	---	---
		5240	18.714	5230.5591	5249.2731	---	---
11AC40SISO	Ant1	5190	37.290	5171.3411	5208.6311	---	---
		5230	37.189	5211.3660	5248.5550	---	---
11AC80SISO	Ant1	5210	76.342	5171.9549	5248.2969	---	---
11AX20SISO	Ant1	5180	19.457	5170.2128	5189.6698	---	---
		5200	19.500	5190.2054	5209.7054	---	---
		5240	19.418	5230.2010	5249.6190	---	---
11AX40SISO	Ant1	5190	38.314	5170.7993	5209.1133	---	---
		5230	38.260	5210.8053	5249.0653	---	---
11AX80SISO	Ant1	5210	77.750	5171.2130	5248.9630	---	---

Test Graphs

11A_Ant1_5180



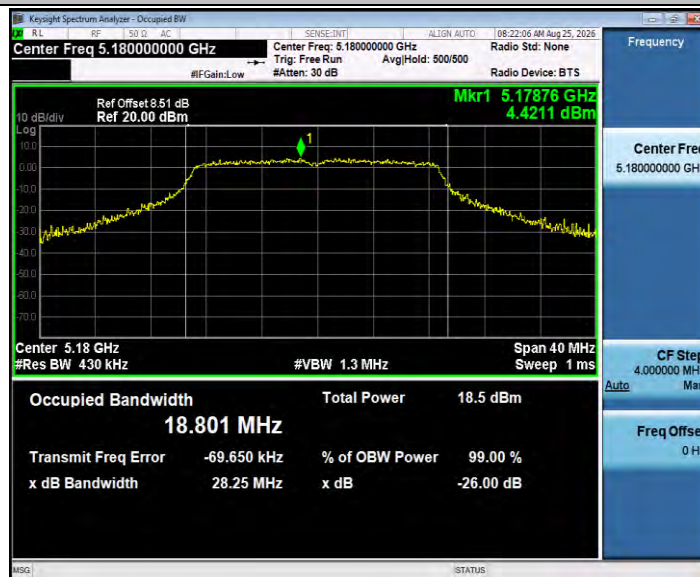
11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



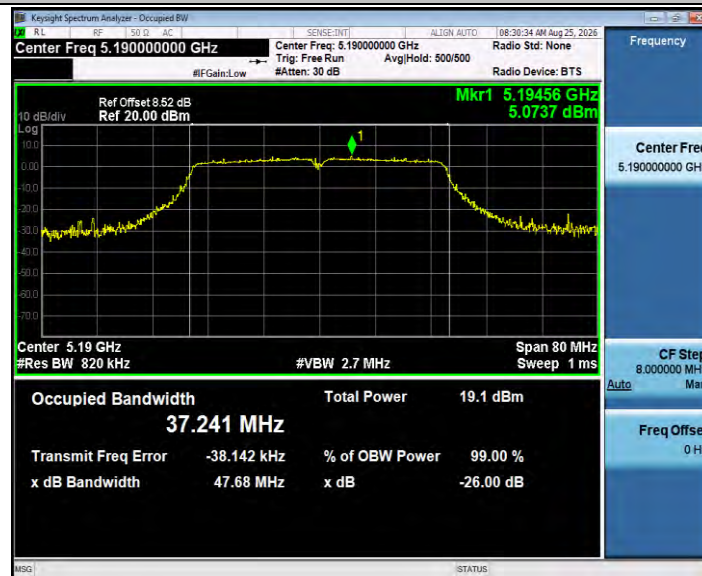
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



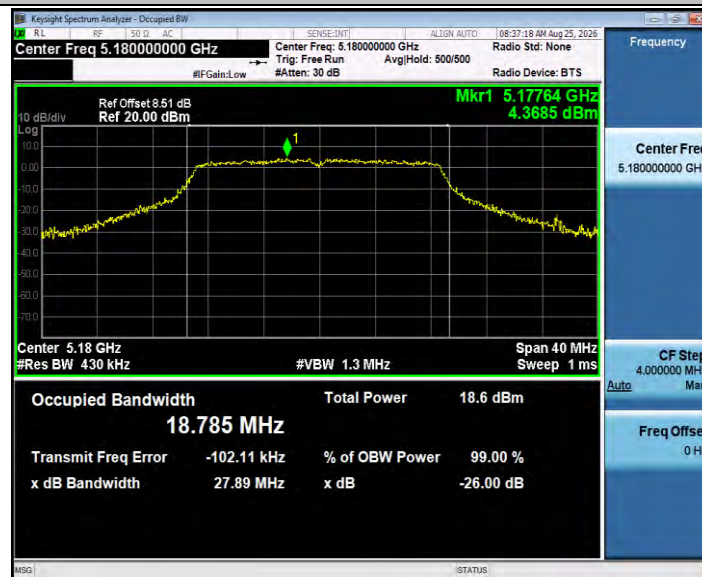
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



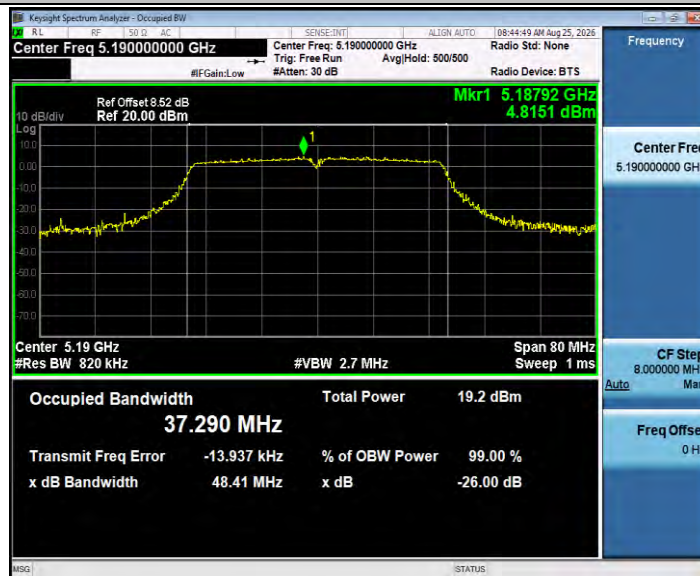
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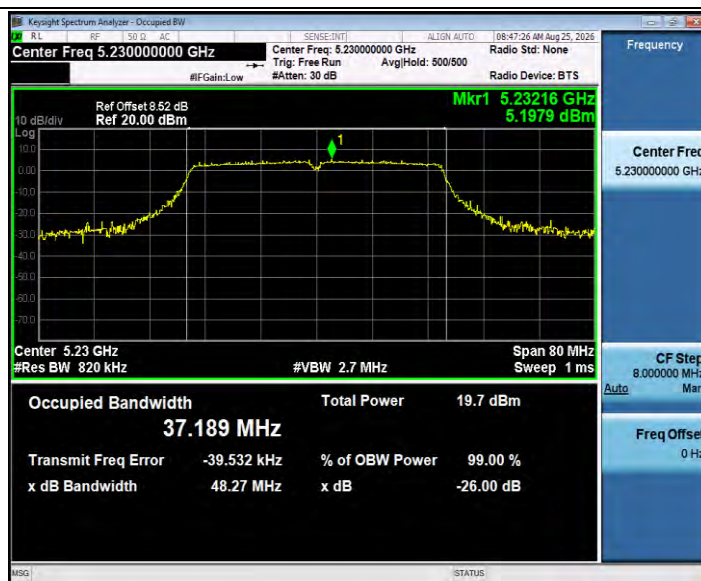
11AC20SISO_Ant1_5240



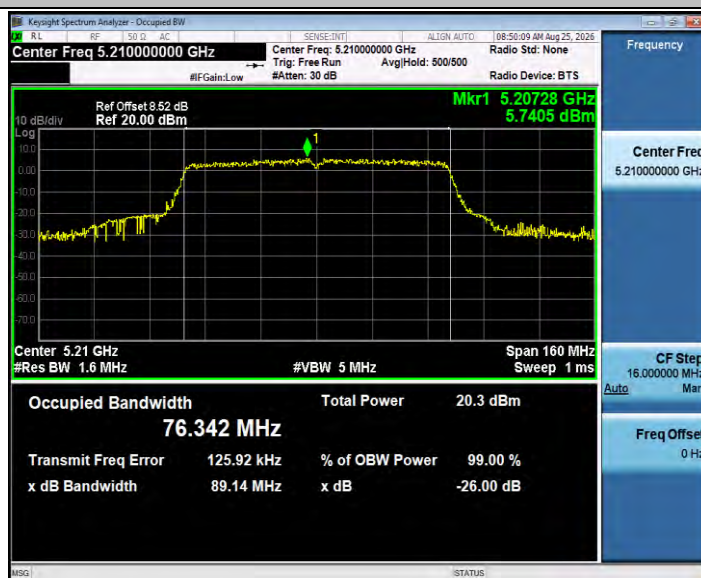
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



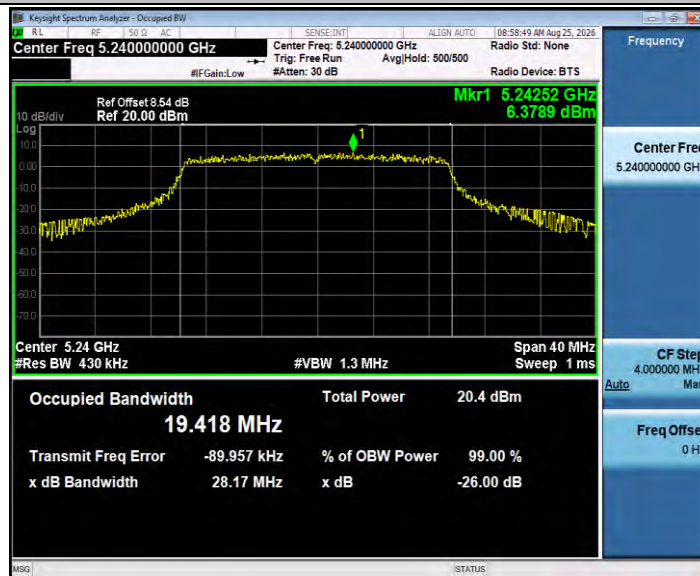
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



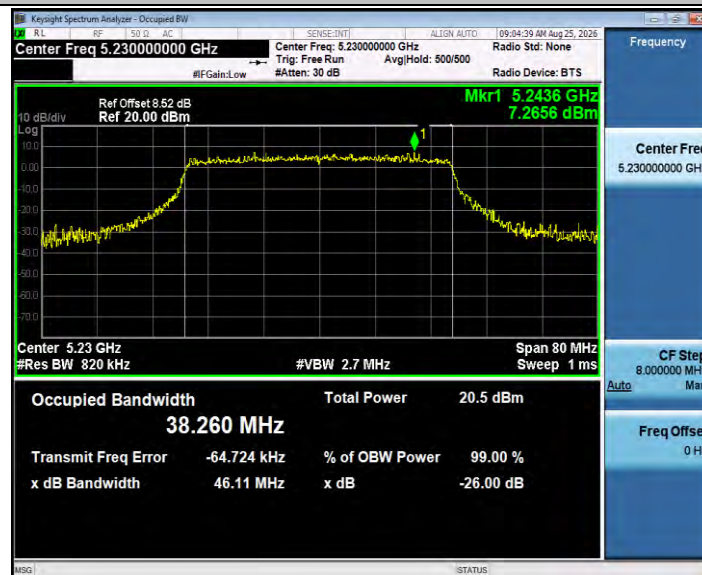
11AX20SISO_Ant1_5240



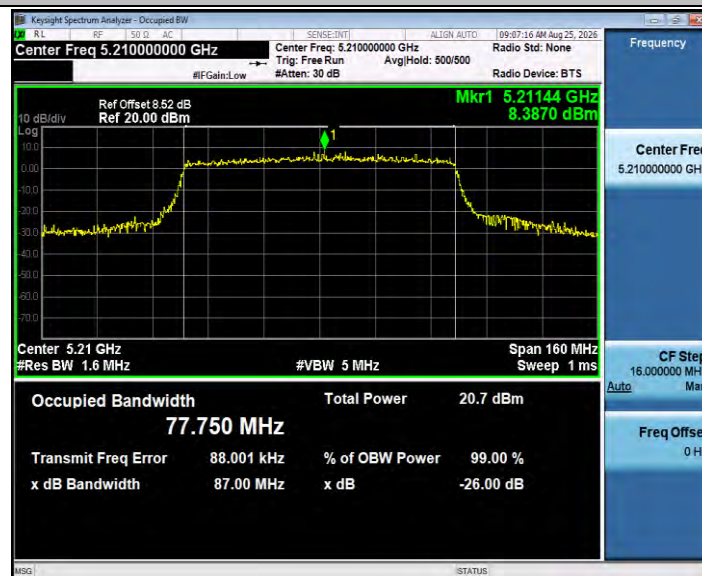
11AX40SISO_Ant1_5190



11AX40ISO_Ant1_5230



11AX80ISO_Ant1_5210

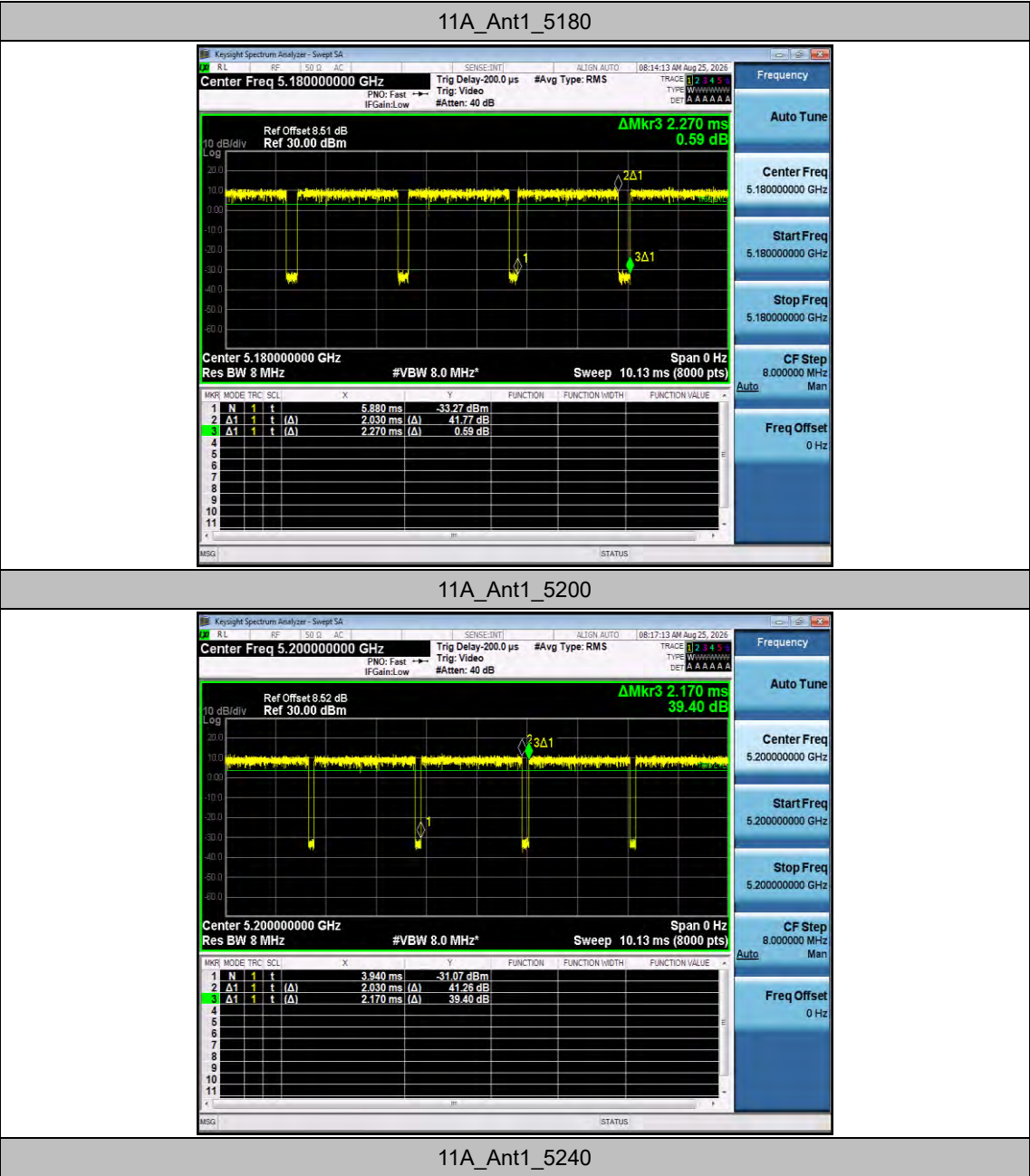


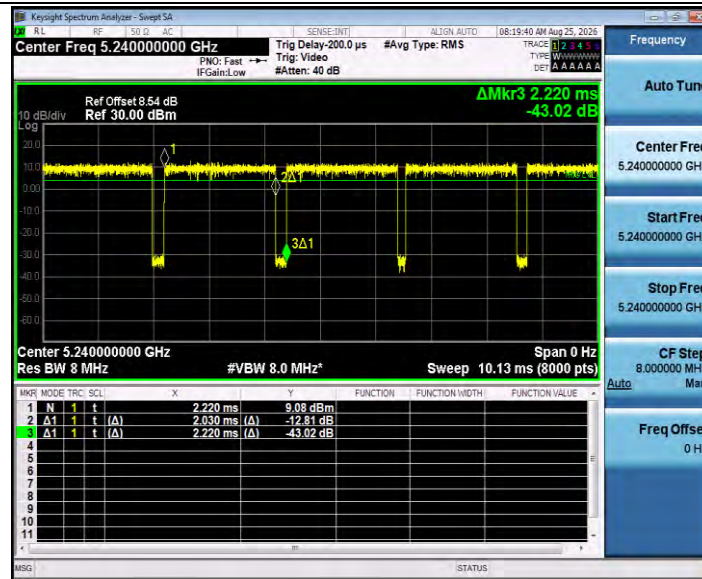
AppendixD.3: Duty Cycle

Test Result

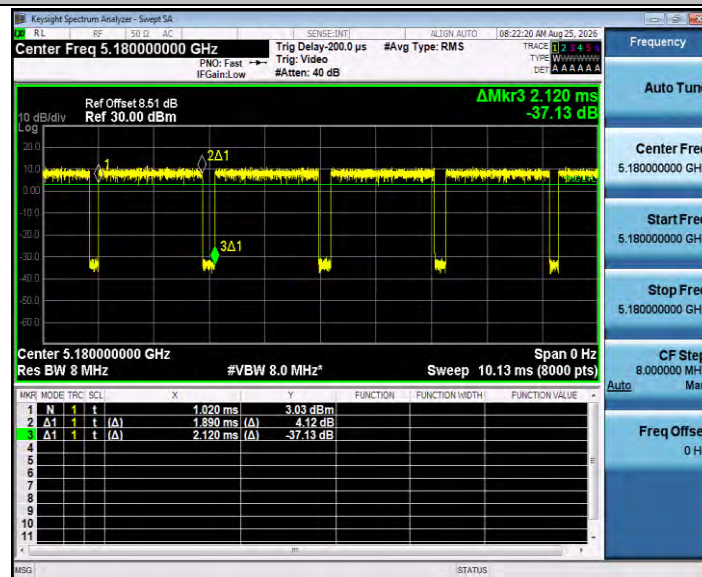
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	2.03	2.27	89.43	0.49	0.49
		5200	2.03	2.17	93.55	0.29	0.49
		5240	2.03	2.22	91.44	0.39	0.49
11N20SISO	Ant1	5180	1.89	2.12	89.15	0.50	0.53
		5200	1.89	2.13	88.73	0.52	0.53
		5240	1.89	2.08	90.87	0.42	0.53
11N40SISO	Ant1	5190	0.93	1.11	83.78	0.77	1.08
		5230	0.94	1.21	77.69	1.10	1.06
11AC20SISO	Ant1	5180	1.90	2.11	90.05	0.46	0.53
		5200	1.90	2.11	90.05	0.46	0.53
		5240	1.90	2.04	93.14	0.31	0.53
11AC40SISO	Ant1	5190	0.94	1.16	81.03	0.91	1.06
		5230	0.94	1.11	84.68	0.72	1.06
11AC80SISO	Ant1	5210	0.45	0.68	66.18	1.79	2.22
11AX20SISO	Ant1	5180	1.46	1.69	86.39	0.64	0.68
		5200	1.46	1.63	89.57	0.48	0.68
		5240	1.46	1.66	87.95	0.56	0.68
11AX40SISO	Ant1	5190	0.76	0.98	77.55	1.10	1.32
		5230	0.76	0.94	80.85	0.92	1.32
11AX80SISO	Ant1	5210	0.40	0.61	65.57	1.83	2.50

Test Graphs

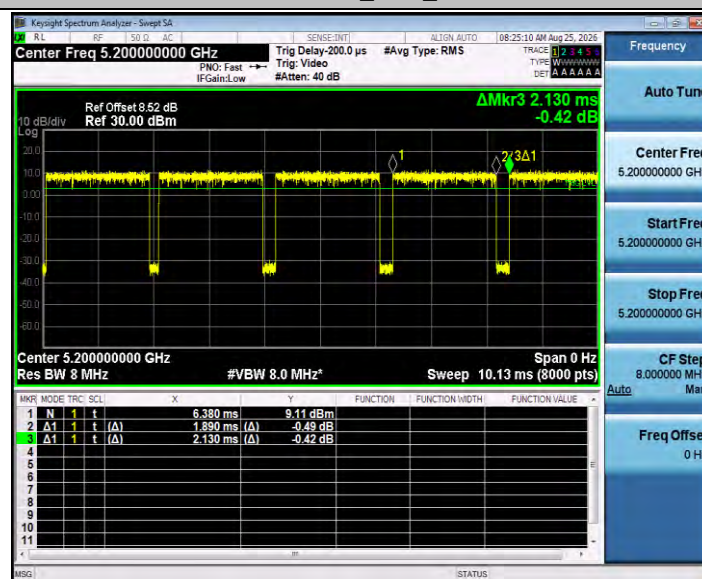


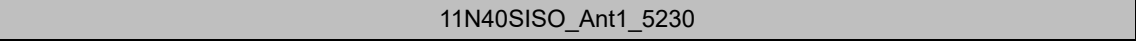
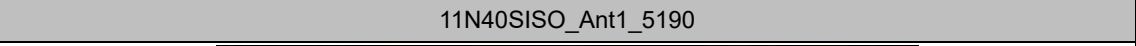


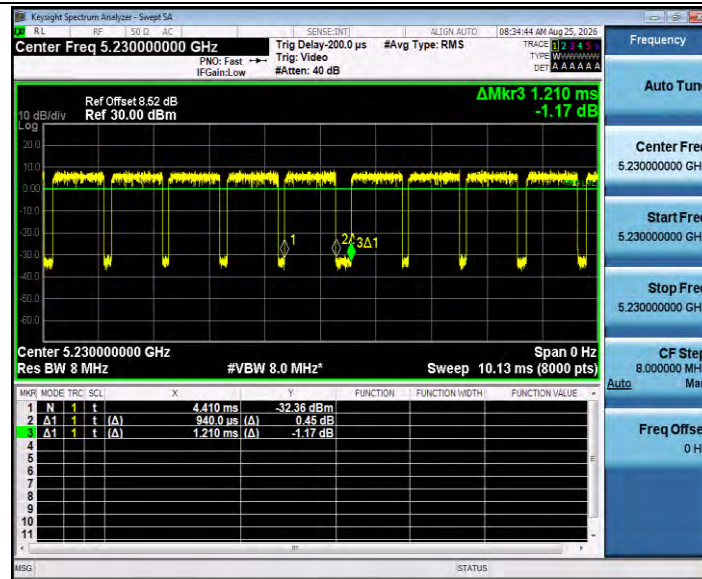
11N20SISO_Ant1_5180



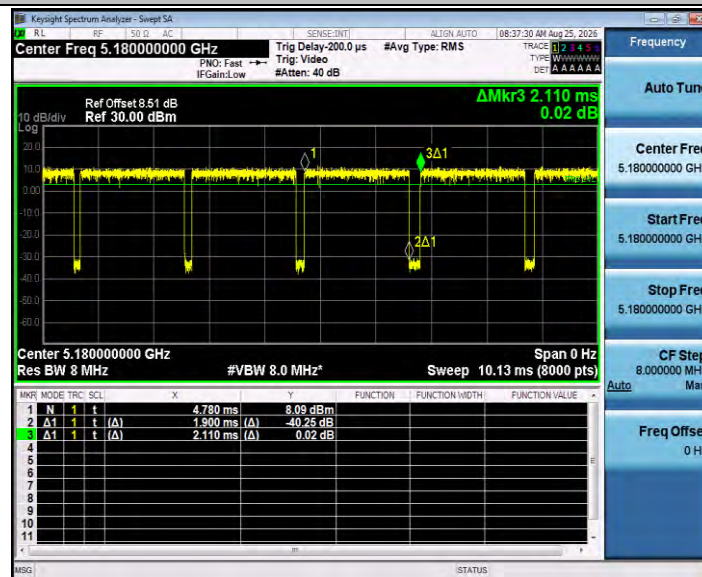
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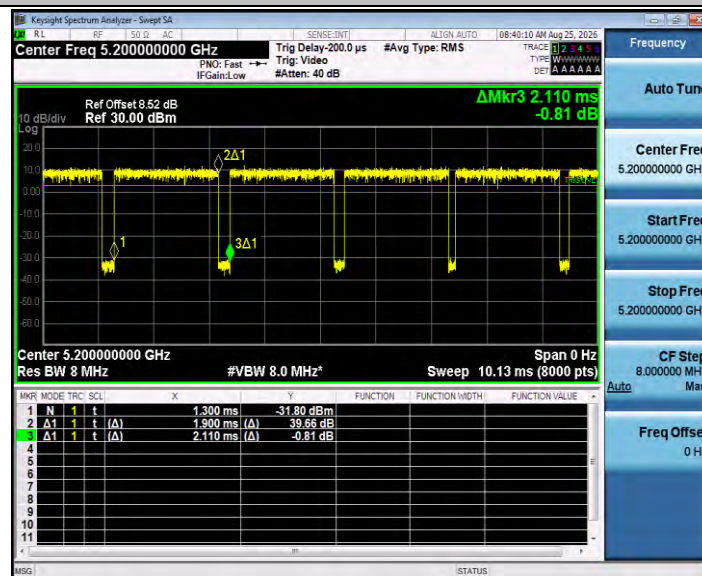


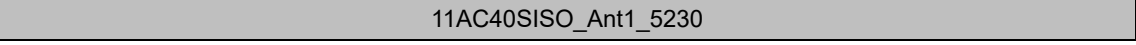
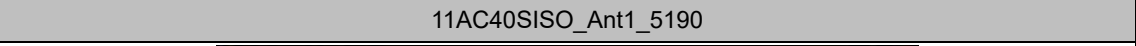


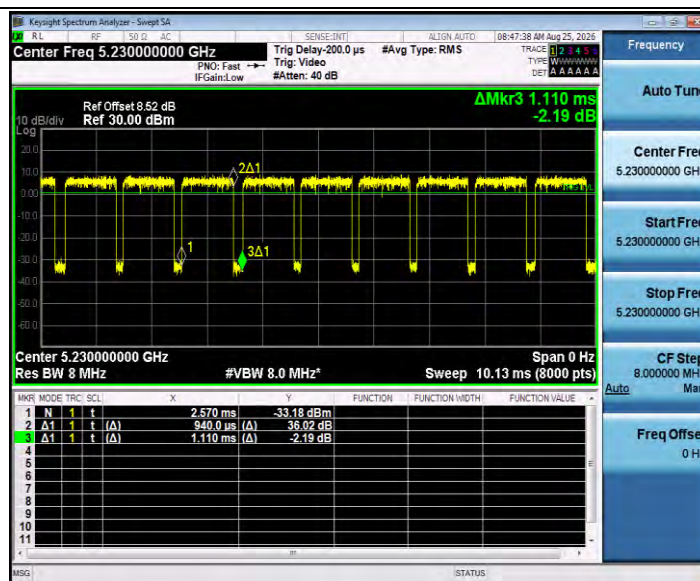
11AC20SISO_Ant1_5180



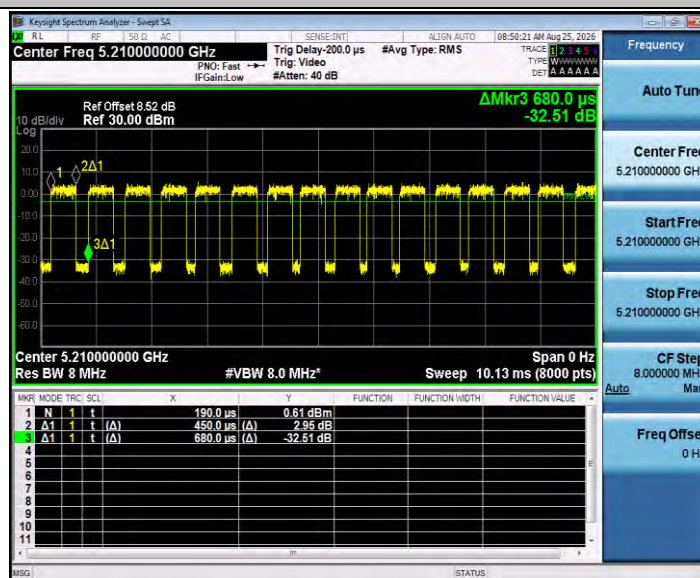
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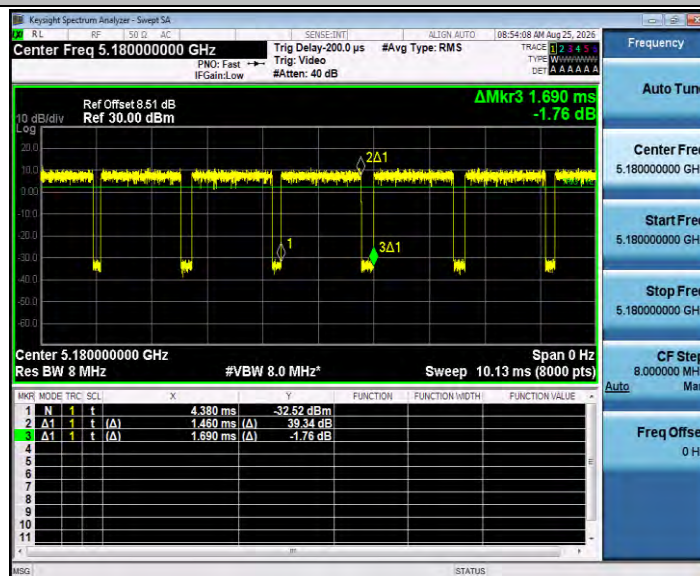


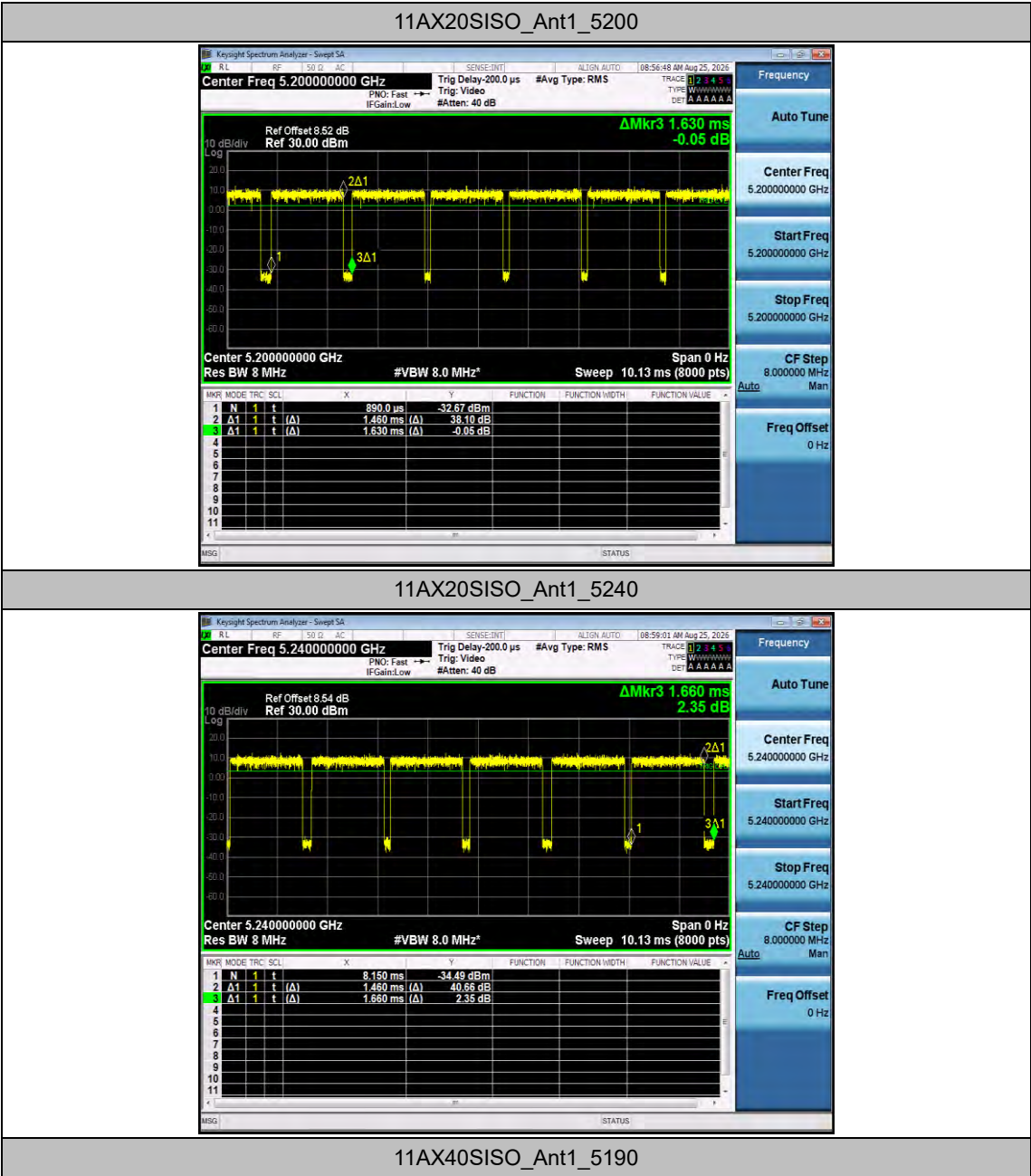


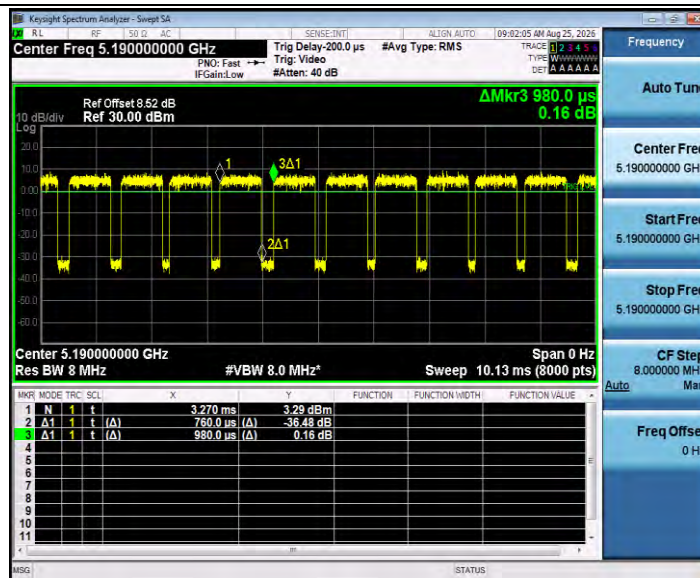
11AC80SISO_Ant1_5210



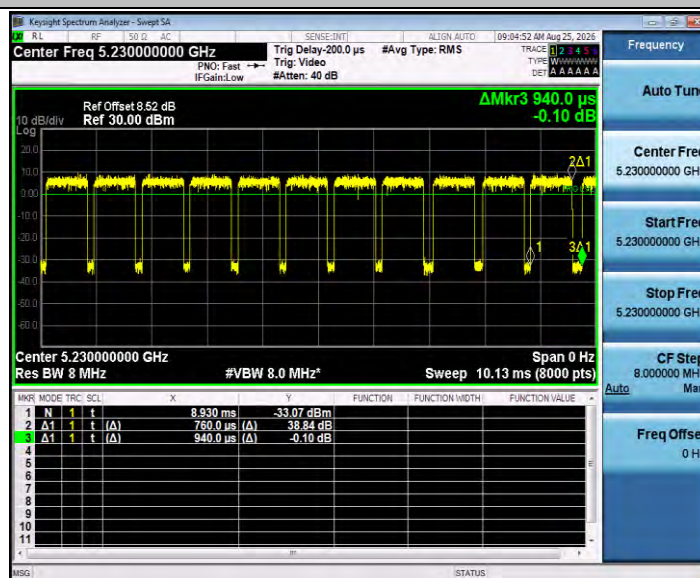
11AX20SISO_Ant1_5180



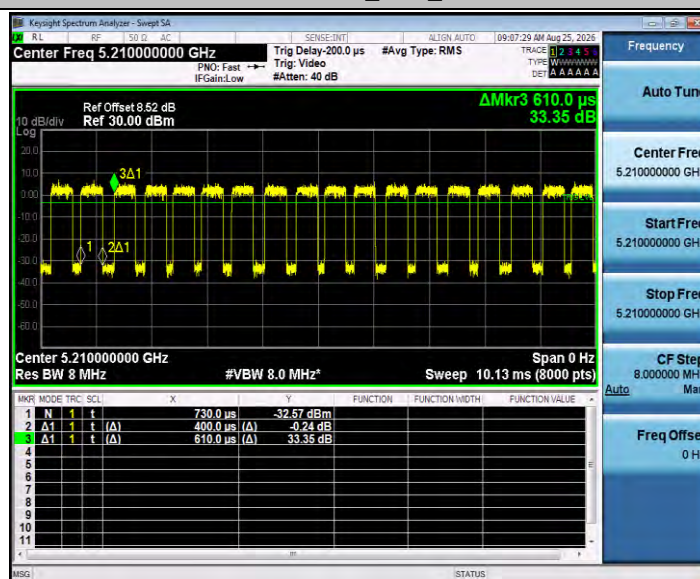




11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



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	11.38	89.43	0.49	11.87	≤23.98	PASS
		5200	11.73	93.55	0.29	12.02	≤23.98	PASS
		5240	12.17	91.44	0.39	12.56	≤23.98	PASS
11N20SISO	Ant1	5180	11.34	89.15	0.50	11.84	≤23.98	PASS
		5200	11.70	88.73	0.52	12.22	≤23.98	PASS
		5240	12.09	90.87	0.42	12.51	≤23.98	PASS
11N40SISO	Ant1	5190	11.10	83.78	0.77	11.87	≤23.98	PASS
		5230	11.40	77.69	1.10	12.50	≤23.98	PASS
11AC20SISO	Ant1	5180	11.37	90.05	0.46	11.83	≤23.98	PASS
		5200	11.73	90.05	0.46	12.19	≤23.98	PASS
		5240	12.20	93.14	0.31	12.51	≤23.98	PASS
11AC40SISO	Ant1	5190	11.17	81.03	0.91	12.08	≤23.98	PASS
		5230	11.64	84.68	0.72	12.36	≤23.98	PASS
11AC80SISO	Ant1	5210	10.16	66.18	1.79	11.95	≤23.98	PASS
11AX20SISO	Ant1	5180	10.81	86.39	0.64	11.45	≤23.98	PASS
		5200	11.18	89.57	0.48	11.66	≤23.98	PASS
		5240	11.59	87.95	0.56	12.15	≤23.98	PASS
11AX40SISO	Ant1	5190	10.61	77.55	1.10	11.71	≤23.98	PASS
		5230	11.29	80.85	0.92	12.21	≤23.98	PASS
11AX80SISO	Ant1	5210	9.98	65.57	1.83	11.81	≤23.98	PASS

AppendixD.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	0.74	≤11.00	PASS
		5200	0.83	≤11.00	PASS
		5240	1.49	≤11.00	PASS
11N20SISO	Ant1	5180	0.46	≤11.00	PASS
		5200	0.80	≤11.00	PASS
		5240	1.27	≤11.00	PASS
11N40SISO	Ant1	5190	-2.29	≤11.00	PASS
		5230	-1.55	≤11.00	PASS
11AC20SISO	Ant1	5180	0.42	≤11.00	PASS
		5200	0.85	≤11.00	PASS
		5240	1.23	≤11.00	PASS
11AC40SISO	Ant1	5190	-2.08	≤11.00	PASS
		5230	-1.75	≤11.00	PASS
11AC80SISO	Ant1	5210	-4.75	≤11.00	PASS
11AX20SISO	Ant1	5180	-0.06	≤11.00	PASS
		5200	0.09	≤11.00	PASS
		5240	0.68	≤11.00	PASS
11AX40SISO	Ant1	5190	-2.80	≤11.00	PASS
		5230	-2.34	≤11.00	PASS
11AX80SISO	Ant1	5210	-5.24	≤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



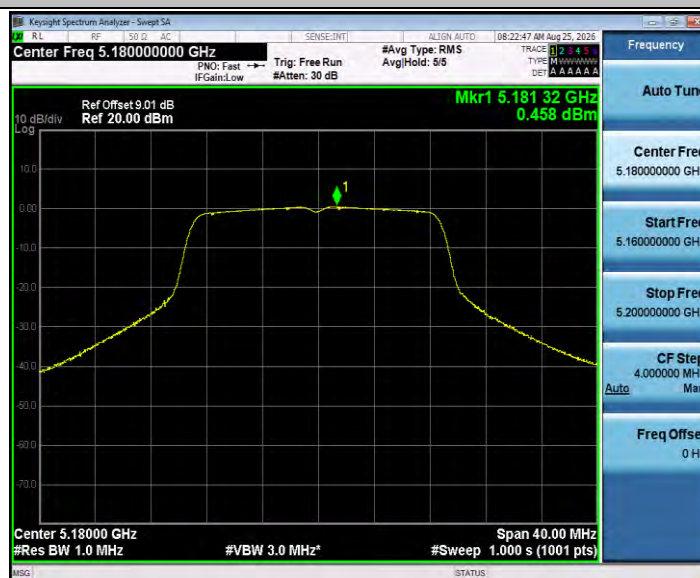
11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



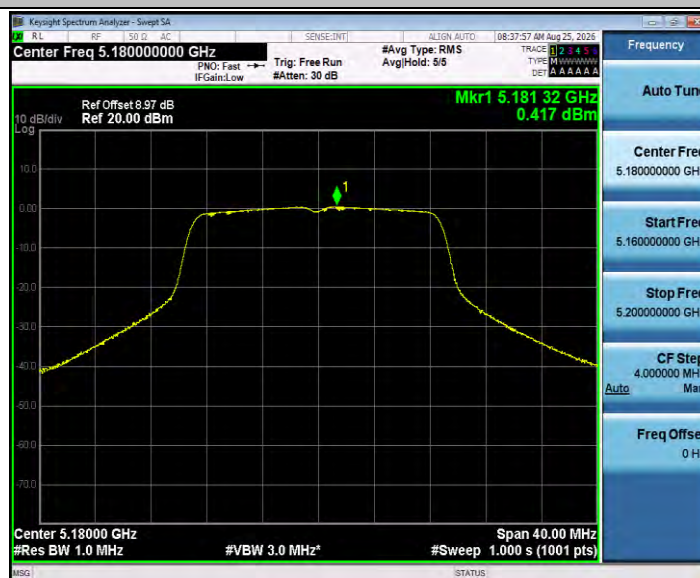
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



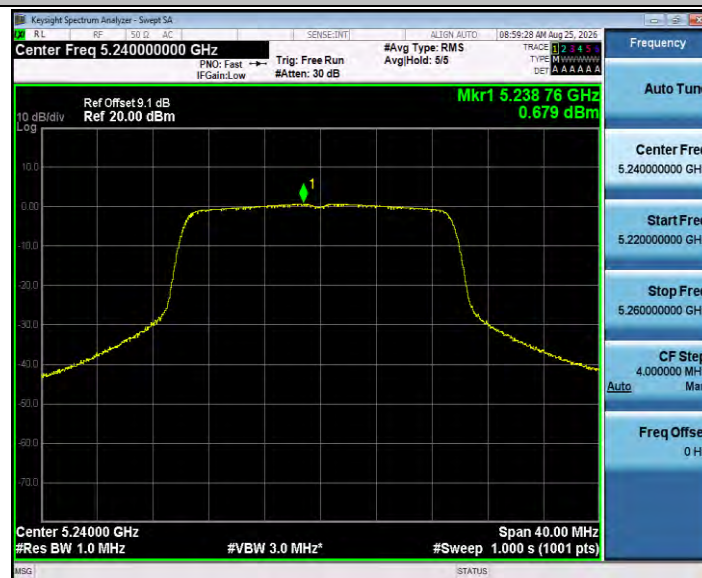
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11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

