

Case No. : <u>GTS20260805015-1-03</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.8.24-2026.9.15</u> Test Engineer: <u>Evan ouyang</u>

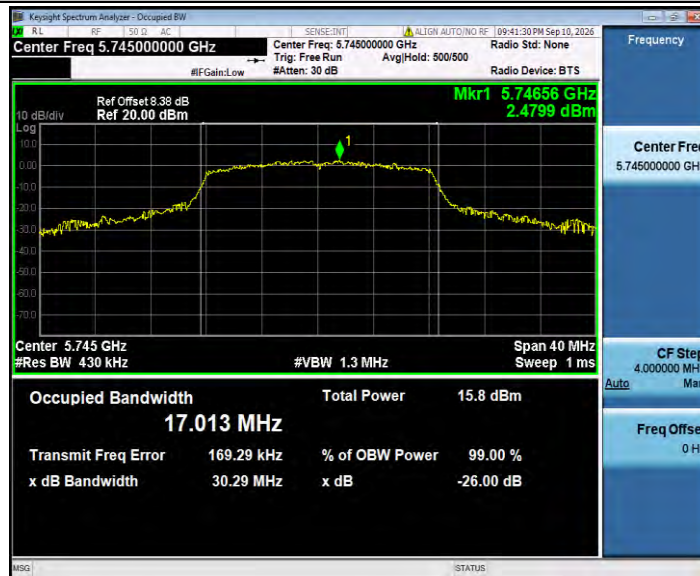
AppendixD.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.013	5736.6628	5753.6758	---	---
		5785	16.749	5776.8497	5793.5987	---	---
		5825	16.726	5816.8342	5833.5602	---	---
11N20SISO	Ant1	5745	18.050	5736.2657	5754.3157	---	---
		5785	17.966	5776.3088	5794.2748	---	---
		5825	17.948	5816.2832	5834.2312	---	---
11N40SISO	Ant1	5755	34.717	5737.9670	5772.6840	---	---
		5795	34.776	5777.8979	5812.6739	---	---
11AC20SISO	Ant1	5745	17.924	5736.3343	5754.2583	---	---
		5785	17.875	5776.3436	5794.2186	---	---
		5825	17.872	5816.3469	5834.2189	---	---
11AC40SISO	Ant1	5755	34.904	5737.9653	5772.8693	---	---
		5795	34.962	5777.8810	5812.8430	---	---
11AX20SISO	Ant1	5745	19.032	5735.7669	5754.7989	---	---
		5785	18.995	5775.7773	5794.7723	---	---
		5825	19.040	5815.7357	5834.7757	---	---
11AX40SISO	Ant1	5755	36.226	5737.2877	5773.5137	---	---
		5795	36.359	5777.2151	5813.5741	---	---

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



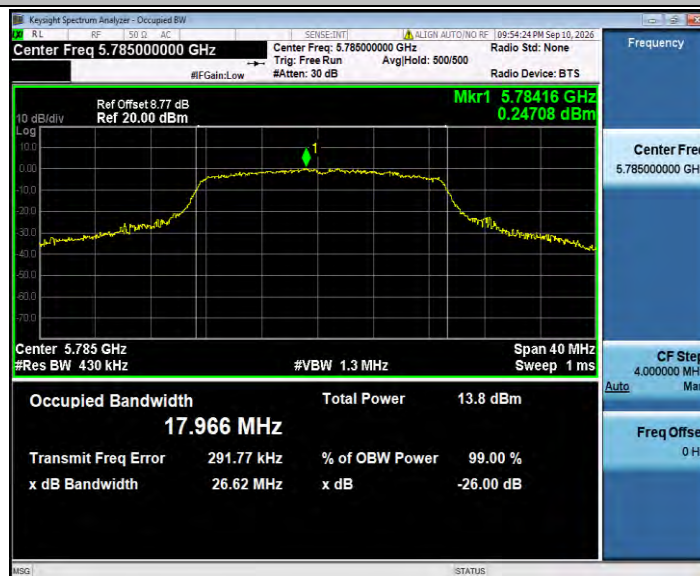
11A_Ant1_5825



11N20SISO_Ant1_5745



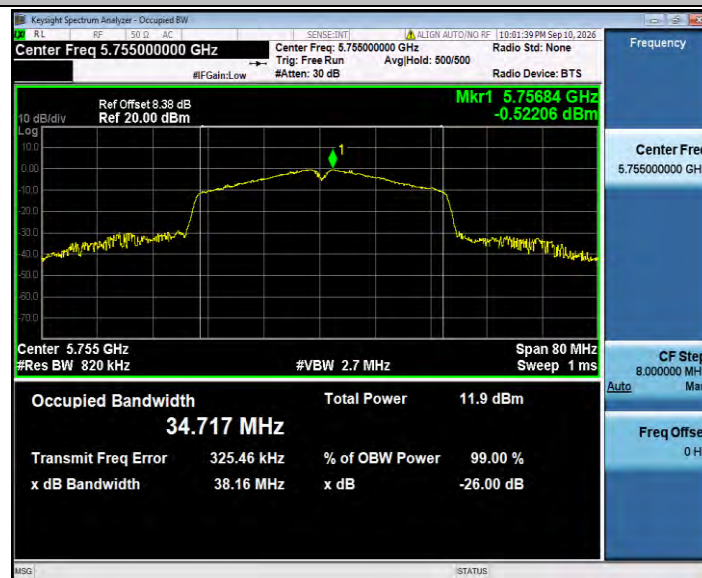
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



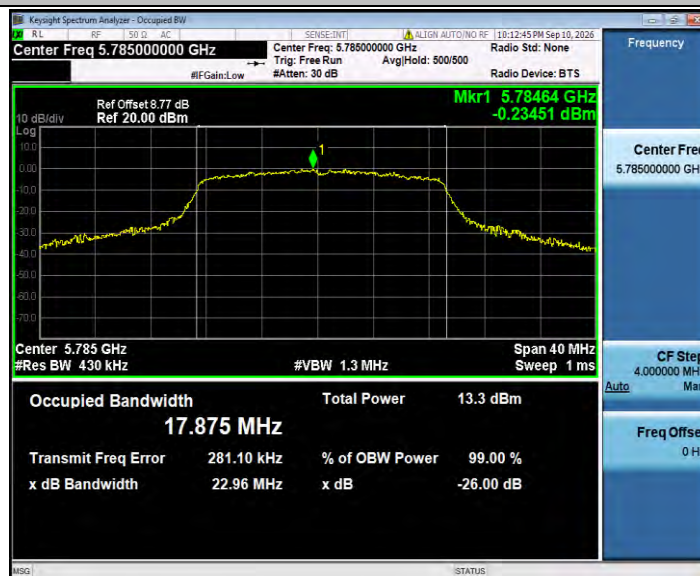
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



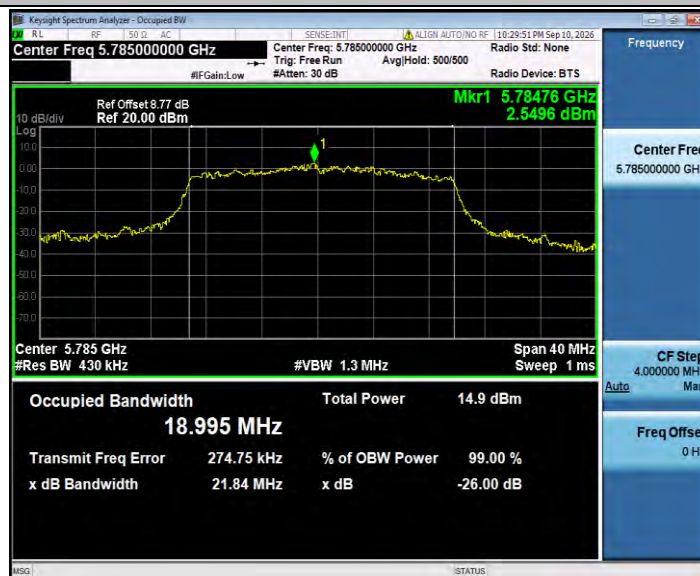
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



AppendixD.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.080	5737.600	5752.680	0.5	PASS
		5785	15.080	5777.680	5792.760	0.5	PASS
		5825	13.840	5817.680	5831.520	0.5	PASS
11N20SISO	Ant1	5745	15.120	5737.680	5752.800	0.5	PASS
		5785	15.120	5777.720	5792.840	0.5	PASS
		5825	15.120	5817.720	5832.840	0.5	PASS
11N40SISO	Ant1	5755	20.080	5746.440	5766.520	0.5	PASS
		5795	20.080	5786.440	5806.520	0.5	PASS
11AC20SISO	Ant1	5745	15.120	5737.720	5752.840	0.5	PASS
		5785	15.080	5777.760	5792.840	0.5	PASS
		5825	15.080	5817.760	5832.840	0.5	PASS
11AC40SISO	Ant1	5755	20.080	5746.520	5766.600	0.5	PASS
		5795	20.080	5786.520	5806.600	0.5	PASS
11AX20SISO	Ant1	5745	15.240	5737.720	5752.960	0.5	PASS
		5785	15.120	5777.720	5792.840	0.5	PASS
		5825	15.080	5817.760	5832.840	0.5	PASS
11AX40SISO	Ant1	5755	20.080	5746.520	5766.600	0.5	PASS
		5795	20.160	5786.520	5806.680	0.5	PASS

Test Graphs B4

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



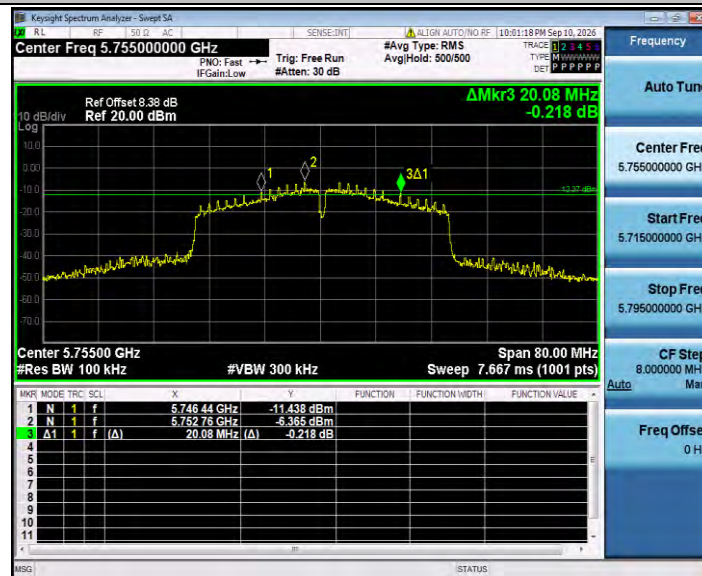
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



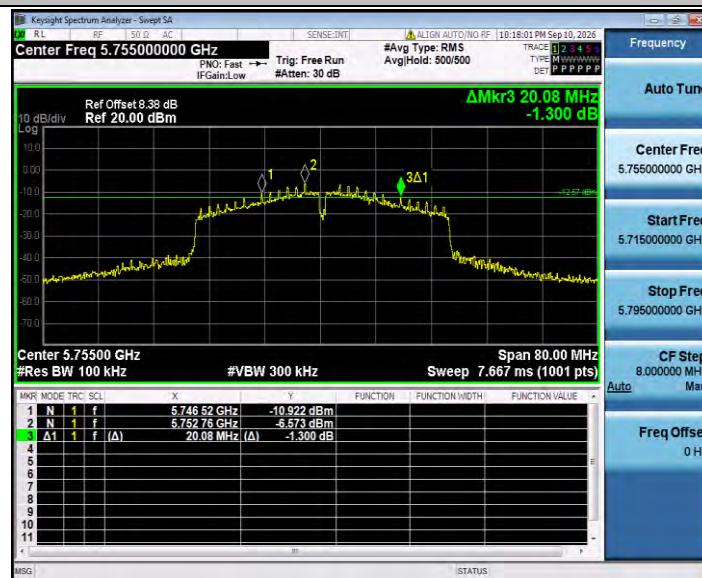
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11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



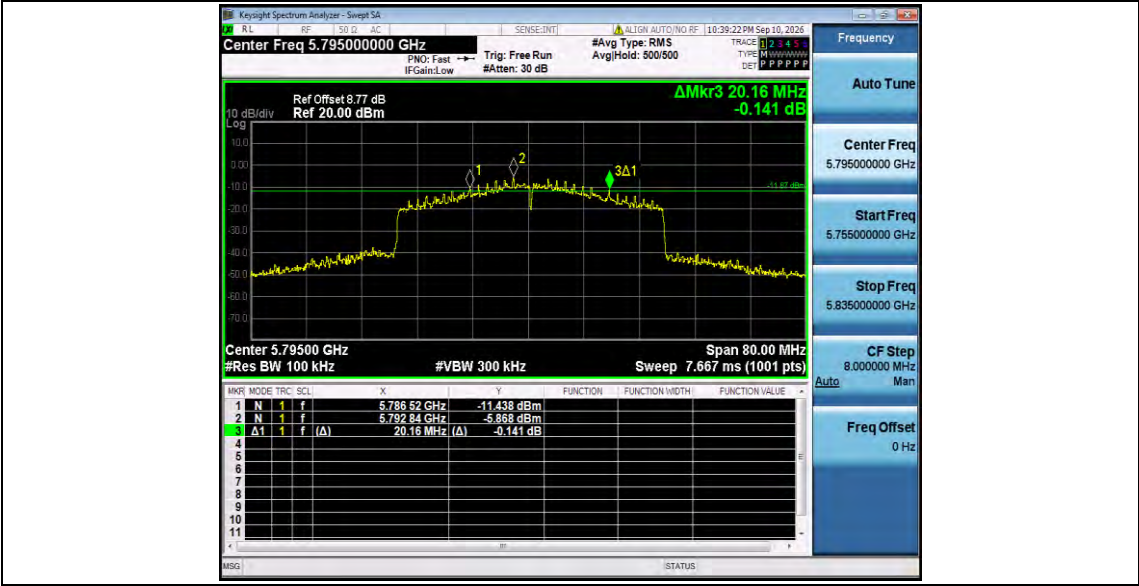
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

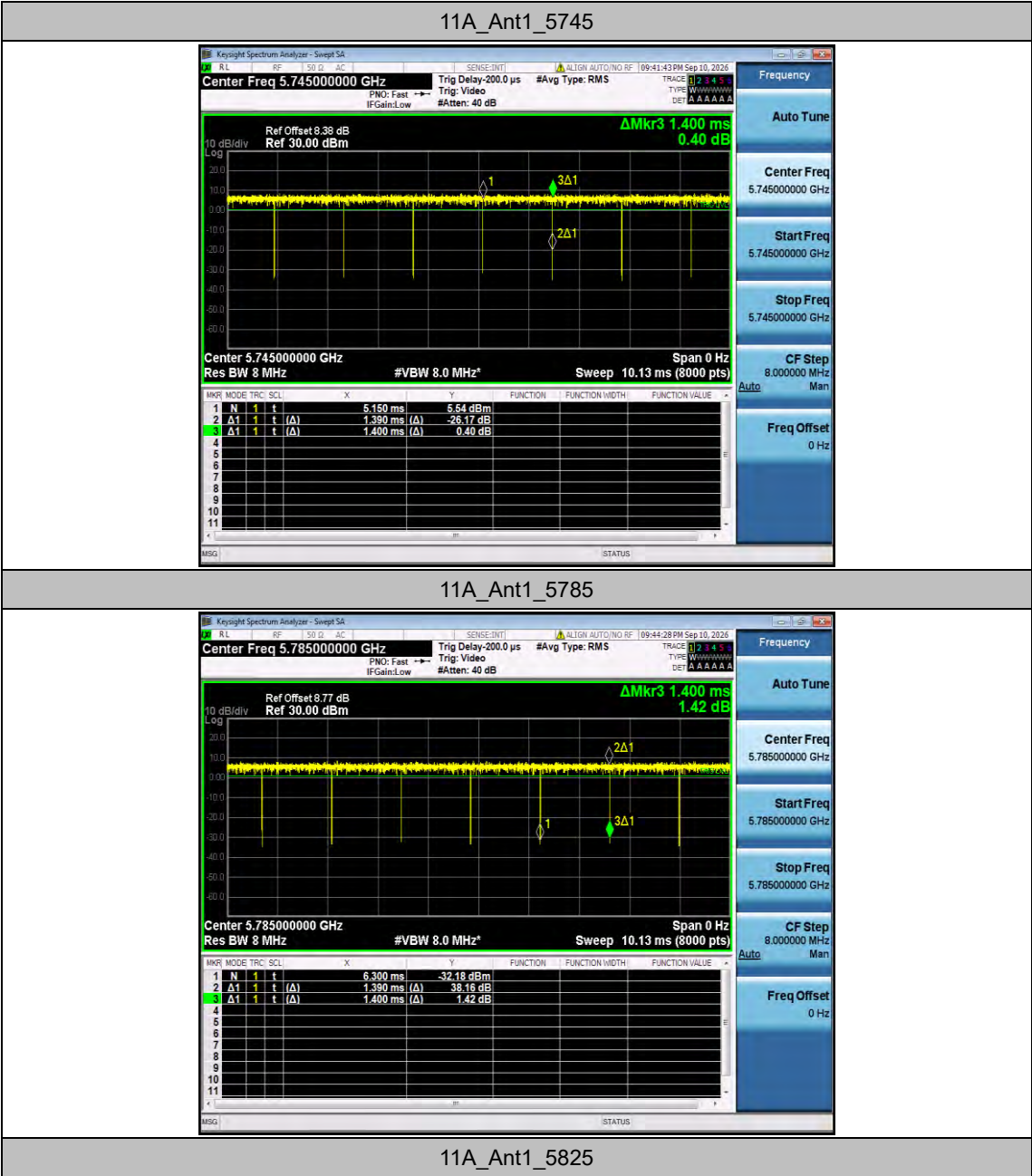


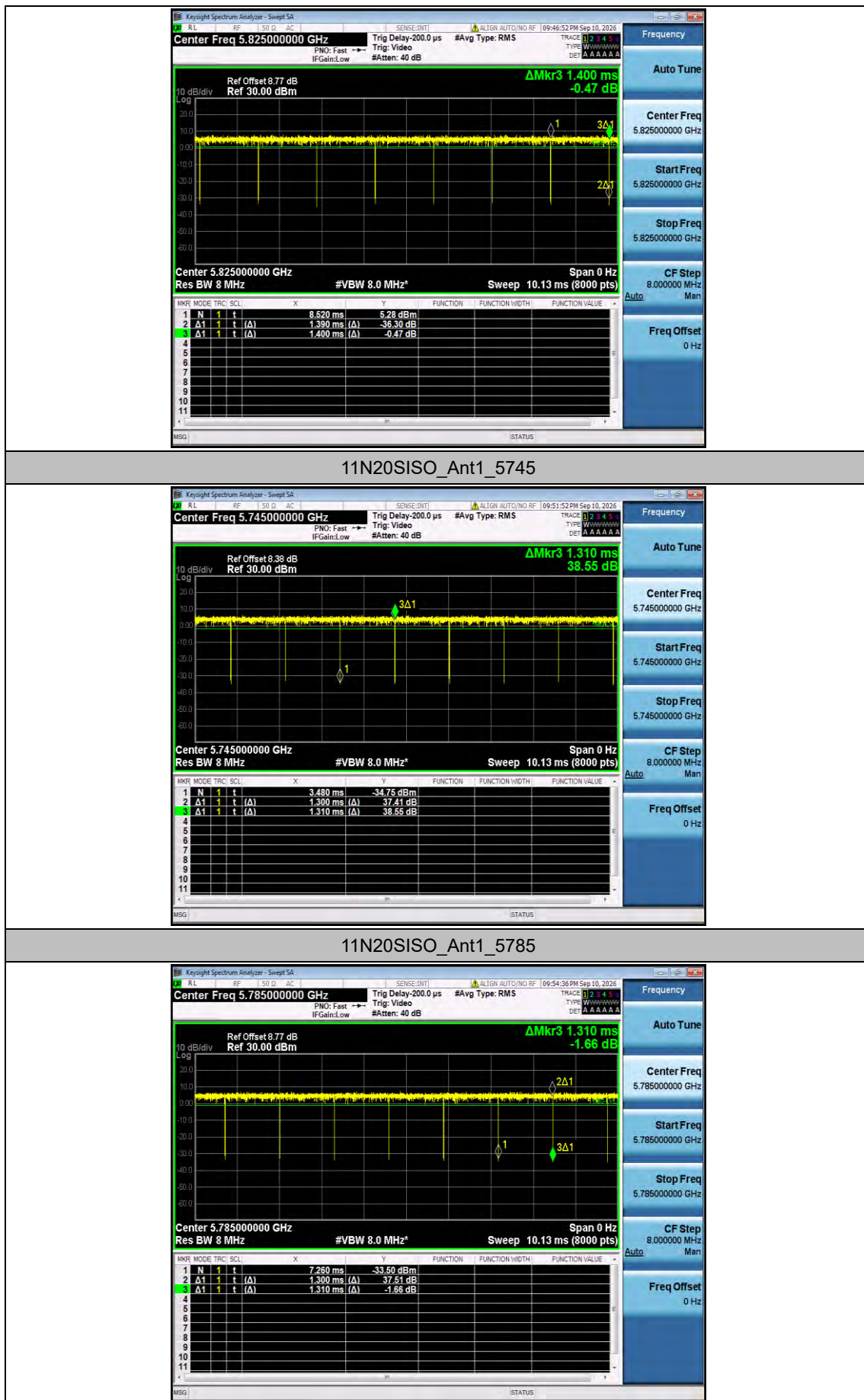
AppendixD.3: Duty Cycle

Test Result

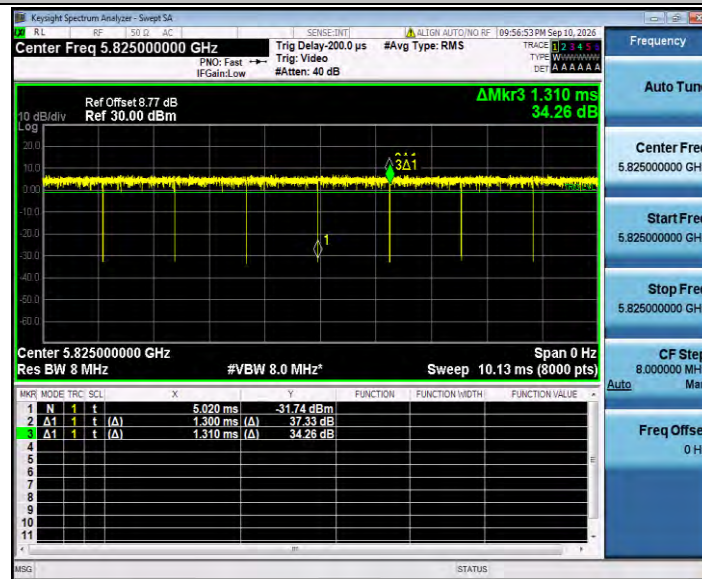
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	1.39	1.40	99.29	0.03	0.72
		5785	1.39	1.40	99.29	0.03	0.72
		5825	1.39	1.40	99.29	0.03	0.72
11N20SISO	Ant1	5745	1.30	1.31	99.24	0.03	0.77
		5785	1.30	1.31	99.24	0.03	0.77
		5825	1.30	1.31	99.24	0.03	0.77
11N40SISO	Ant1	5755	0.64	0.65	98.46	0.07	1.56
		5795	0.65	0.66	98.48	0.07	1.54
11AC20SISO	Ant1	5745	1.30	1.31	99.24	0.03	0.77
		5785	1.30	1.31	99.24	0.03	0.77
		5825	1.30	1.31	99.24	0.03	0.77
11AC40SISO	Ant1	5755	0.65	0.65	100.00	0.00	1.54
		5795	0.64	0.65	98.46	0.07	1.56
11AX20SISO	Ant1	5745	1.01	1.02	99.02	0.04	0.99
		5785	1.01	1.02	99.02	0.04	0.99
		5825	1.01	1.02	99.02	0.04	0.99
11AX40SISO	Ant1	5755	0.54	0.54	100.00	0.00	1.85
		5795	0.54	0.55	98.18	0.08	1.85

Test Graphs

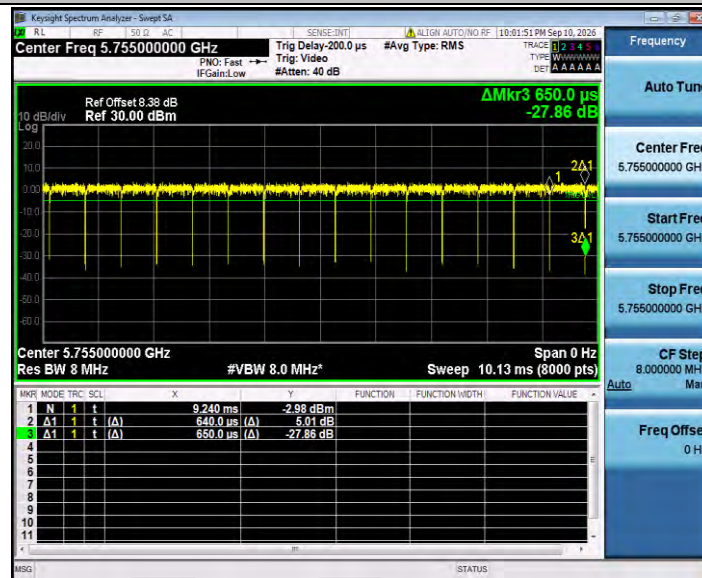




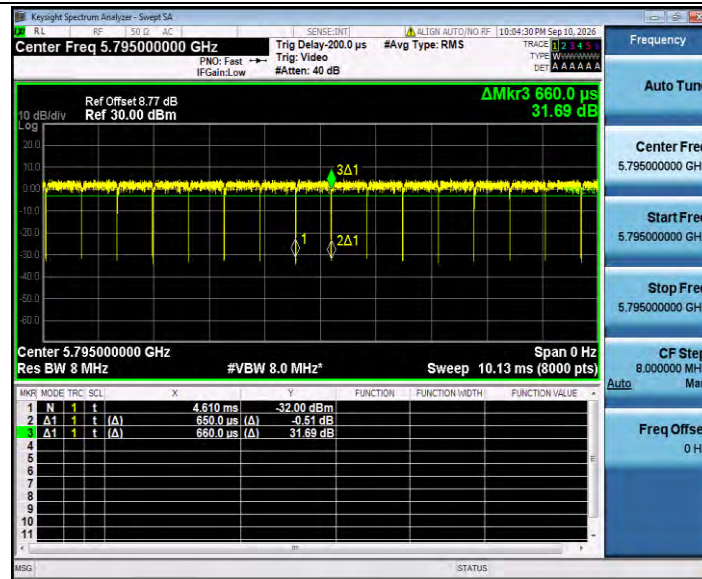
11N20SISO_Ant1_5825



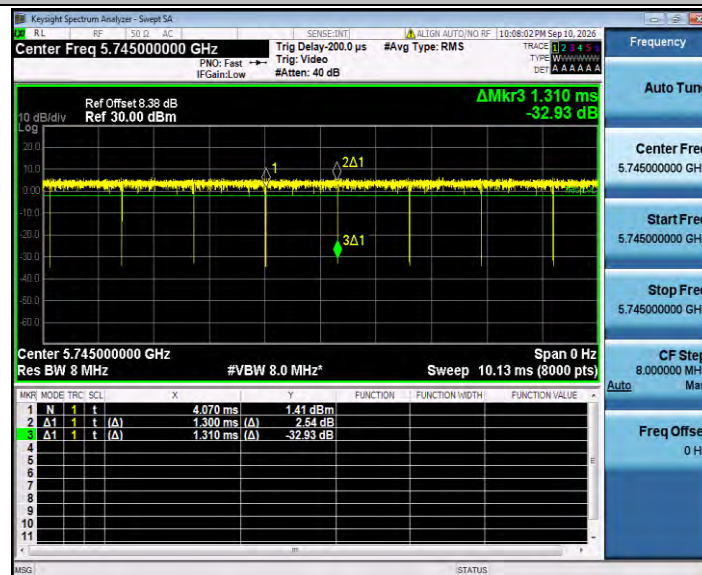
11N40SISO_Ant1_5755



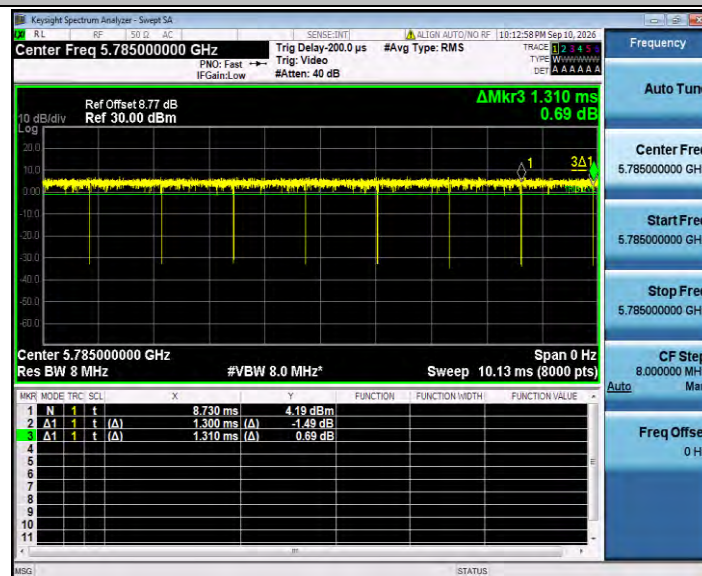
11N40SISO_Ant1_5795



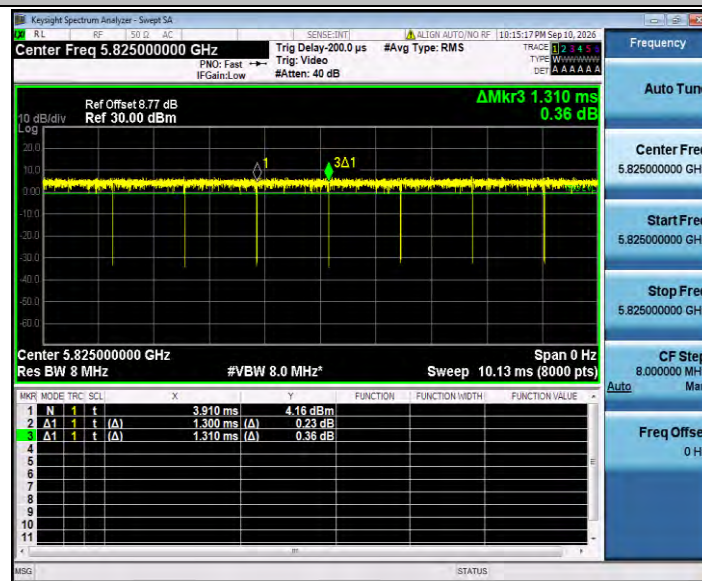
11AC20SISO_Ant1_5745



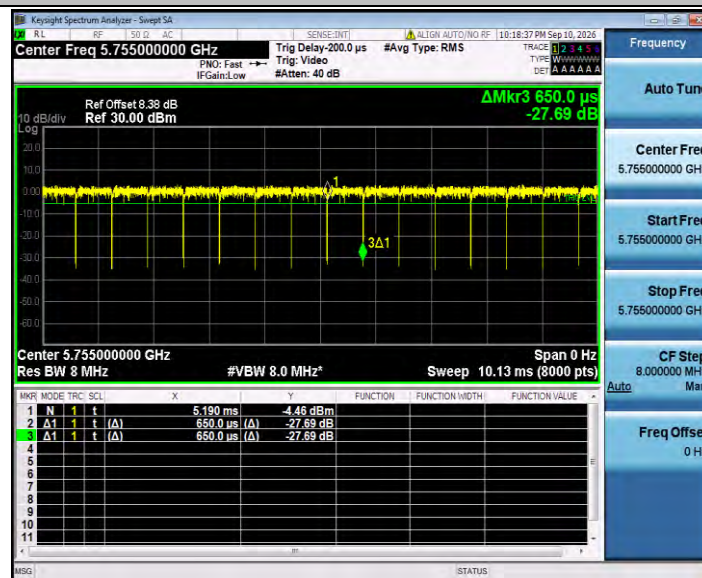
11AC20SISO_Ant1_5785



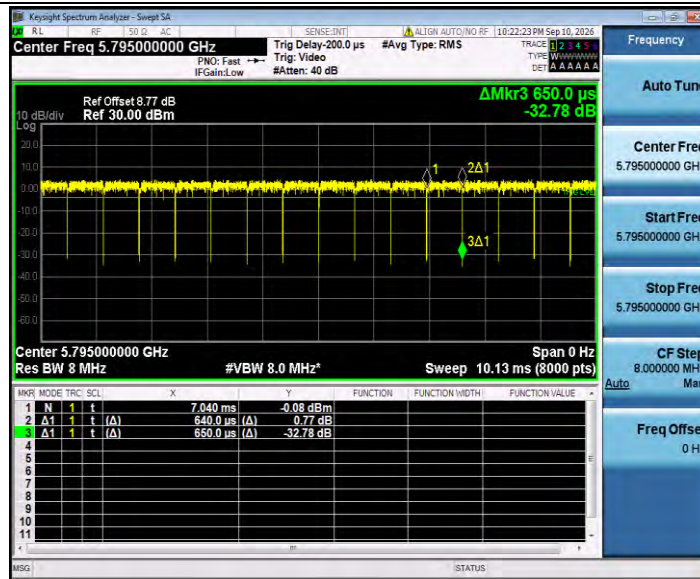
11AC20SISO_Ant1_5825



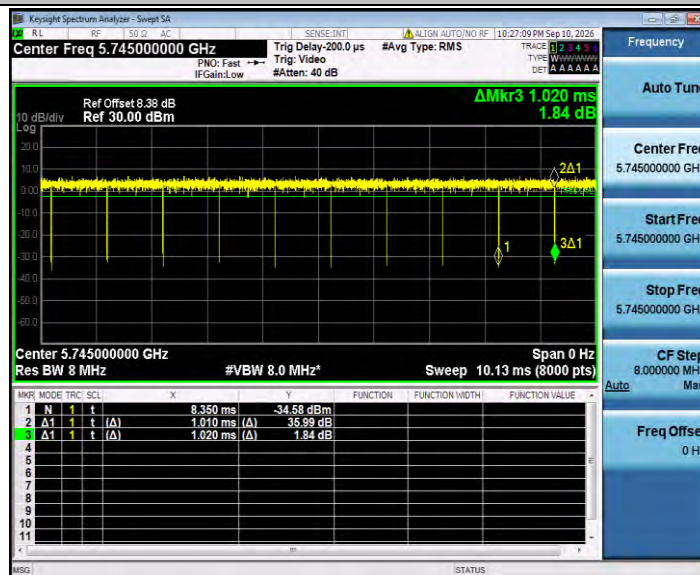
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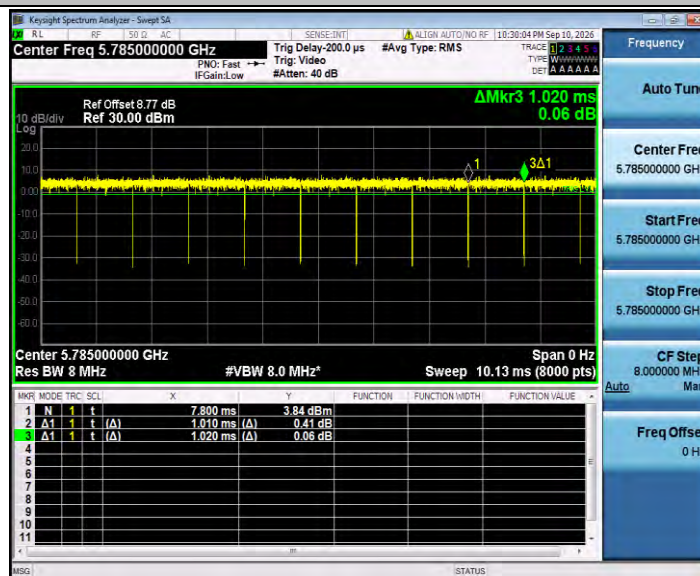
11AC40SISO_Ant1_5795

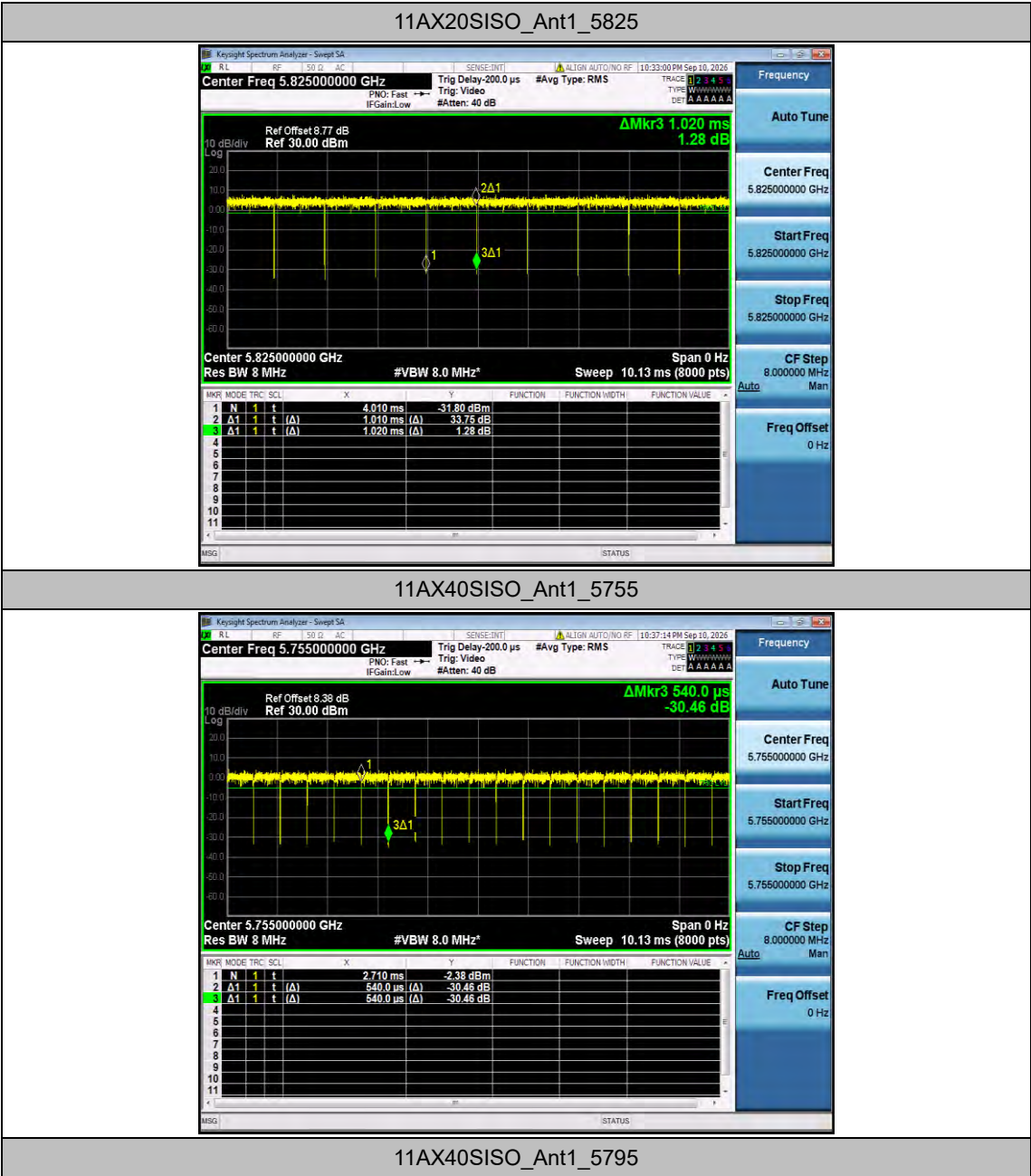


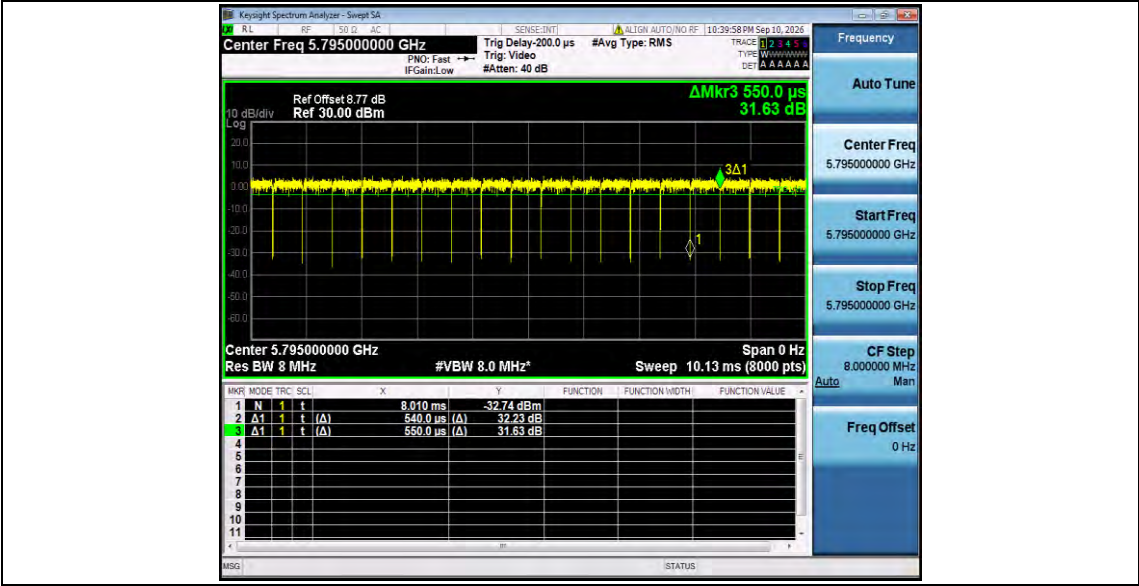
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785







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	5745	8.57	99.29	0.03	8.60	≤30.00	PASS
		5785	8.40	99.29	0.03	8.43	≤30.00	PASS
		5825	8.03	99.29	0.03	8.06	≤30.00	PASS
11N20SISO	Ant1	5745	6.95	99.24	0.03	6.98	≤30.00	PASS
		5785	7.17	99.24	0.03	7.20	≤30.00	PASS
		5825	7.08	99.24	0.03	7.11	≤30.00	PASS
11N40SISO	Ant1	5755	4.65	98.46	0.07	4.72	≤30.00	PASS
		5795	5.65	98.48	0.07	5.72	≤30.00	PASS
11AC20SISO	Ant1	5745	6.12	99.24	0.03	6.15	≤30.00	PASS
		5785	6.70	99.24	0.03	6.73	≤30.00	PASS
		5825	6.94	99.24	0.03	6.97	≤30.00	PASS
11AC40SISO	Ant1	5755	4.29	100.00	0.00	4.29	≤30.00	PASS
		5795	5.59	98.46	0.07	5.66	≤30.00	PASS
11AX20SISO	Ant1	5745	6.05	99.02	0.04	6.09	≤30.00	PASS
		5785	6.76	99.02	0.04	6.80	≤30.00	PASS
		5825	6.99	99.02	0.04	7.03	≤30.00	PASS
11AX40SISO	Ant1	5755	4.02	100.00	0.00	4.02	≤30.00	PASS
		5795	4.98	98.18	0.08	5.06	≤30.00	PASS

AppendixD.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-5.06	≤30.00	PASS
		5785	-5.31	≤30.00	PASS
		5825	-5.50	≤30.00	PASS
11N20SISO	Ant1	5745	-6.70	≤30.00	PASS
		5785	-6.11	≤30.00	PASS
		5825	-6.25	≤30.00	PASS
11N40SISO	Ant1	5755	-9.69	≤30.00	PASS
		5795	-8.65	≤30.00	PASS
11AC20SISO	Ant1	5745	-7.33	≤30.00	PASS
		5785	-6.46	≤30.00	PASS
		5825	-6.34	≤30.00	PASS
11AC40SISO	Ant1	5755	-10.17	≤30.00	PASS
		5795	-8.82	≤30.00	PASS
11AX20SISO	Ant1	5745	-7.75	≤30.00	PASS
		5785	-6.85	≤30.00	PASS
		5825	-6.65	≤30.00	PASS
11AX40SISO	Ant1	5755	-10.59	≤30.00	PASS
		5795	-9.63	≤30.00	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 Factoriscompensatedinthe graph.

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



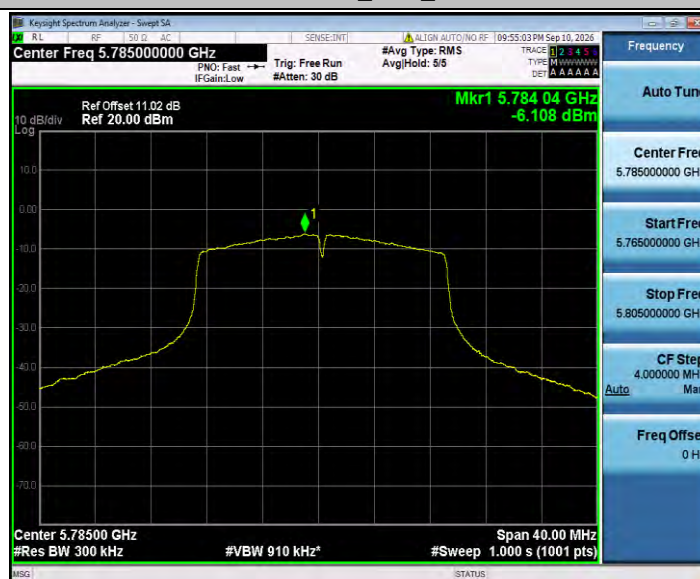
11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



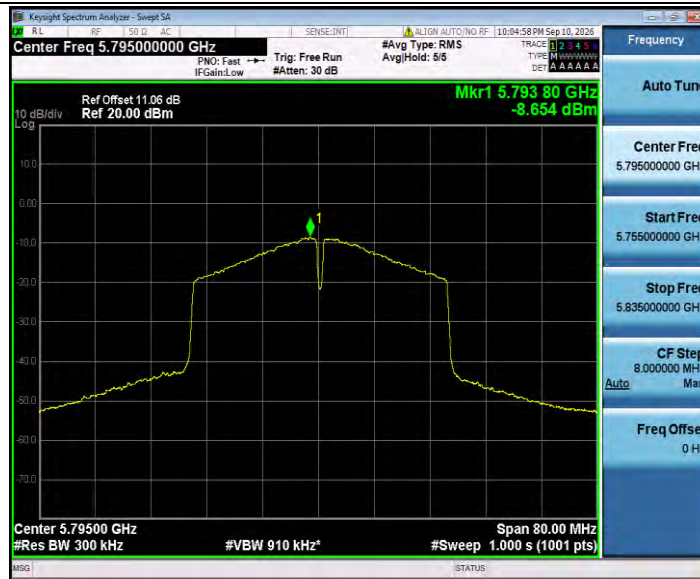
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11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20ISO_Ant1_5745



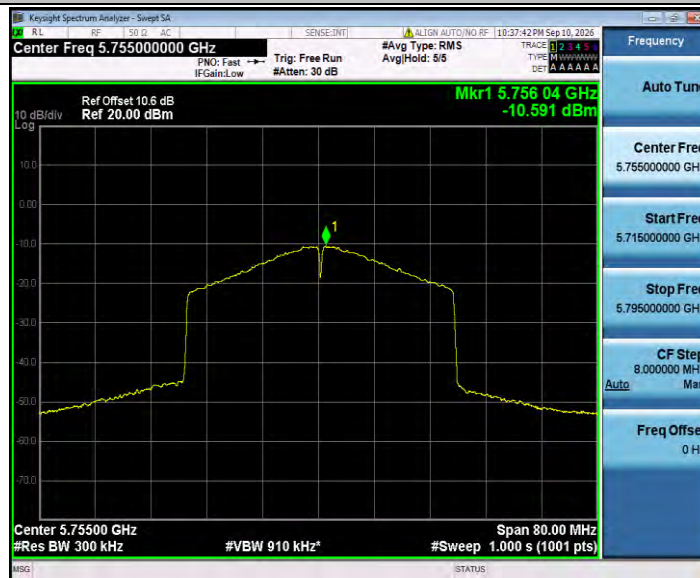
11AX20ISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

