

Case No. : <u>GTS20250825004-12-05</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2025.12.20-2026.1.22</u> Test Engineer: <u>Evan ouyang</u>

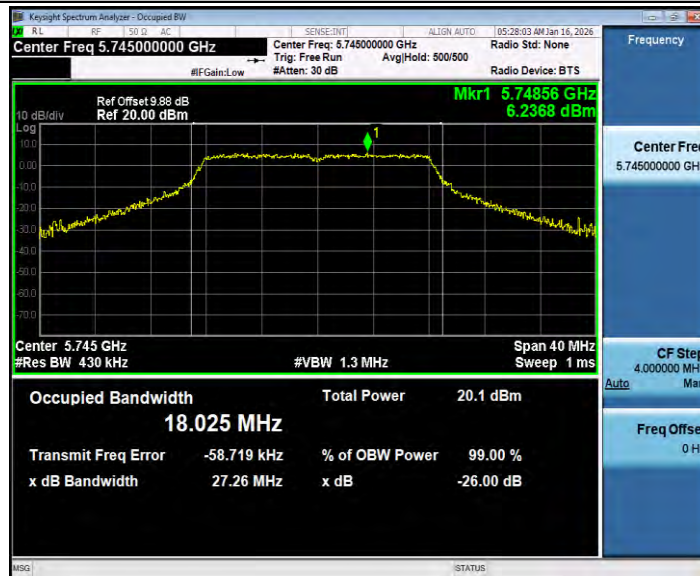
Appendix G.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.025	5735.9288	5753.9538	---	---
		5785	17.959	5775.9223	5793.8813	---	---
		5825	17.942	5815.9831	5833.9251	---	---
11N20SISO	Ant1	5745	19.094	5735.4558	5754.5498	---	---
		5785	19.017	5775.4637	5794.4807	---	---
		5825	18.998	5815.5056	5834.5036	---	---
11N40SISO	Ant1	5755	37.603	5736.2696	5773.8726	---	---
		5795	37.433	5776.3190	5813.7520	---	---
11AC20SISO	Ant1	5745	19.062	5735.4970	5754.5590	---	---
		5785	18.909	5775.5459	5794.4549	---	---
		5825	18.969	5815.5286	5834.4976	---	---
11AC40SISO	Ant1	5755	37.559	5736.2910	5773.8500	---	---
		5795	37.529	5776.3122	5813.8412	---	---
11AC80SISO	Ant1	5775	76.683	5736.8419	5813.5249	---	---
11AX20SISO	Ant1	5745	19.627	5735.1886	5754.8156	---	---
		5785	19.623	5775.2561	5794.8791	---	---
		5825	19.636	5815.2119	5834.8479	---	---
11AX40SISO	Ant1	5755	38.557	5735.7581	5774.3151	---	---
		5795	38.544	5775.7775	5814.3215	---	---
11AX80SISO	Ant1	5775	78.082	5736.1570	5814.2390	---	---

Test Graphs

11A_Ant1_5745



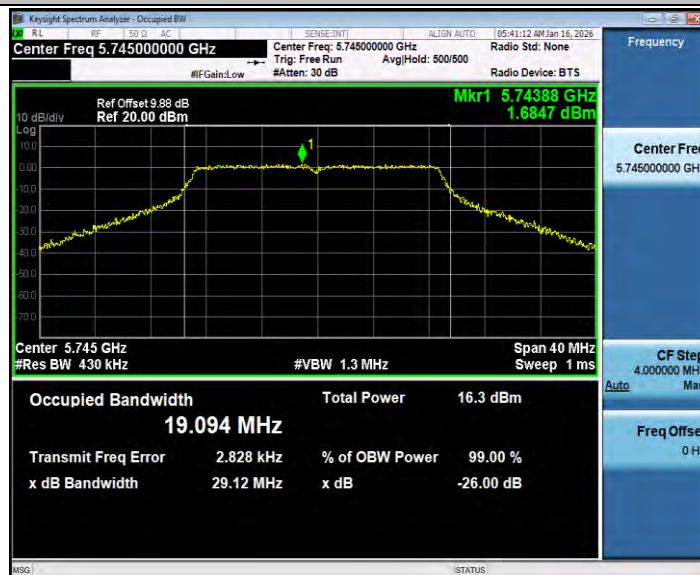
11A_Ant1_5785



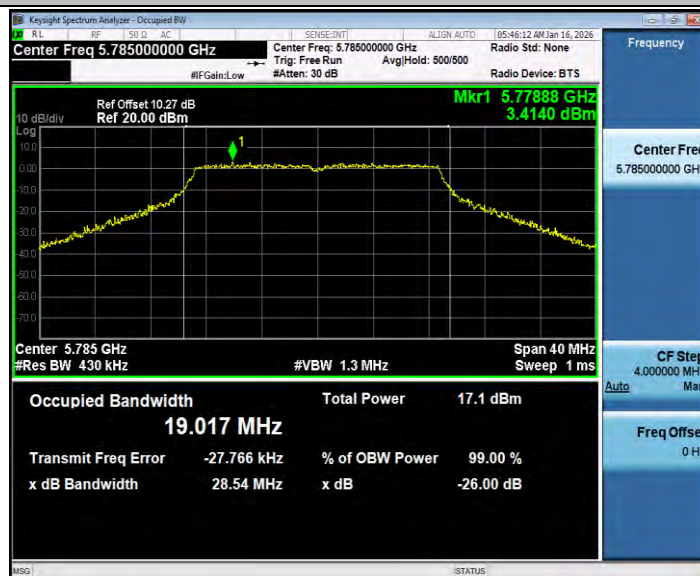
11A_Ant1_5825



11N20SISO_Ant1_5745



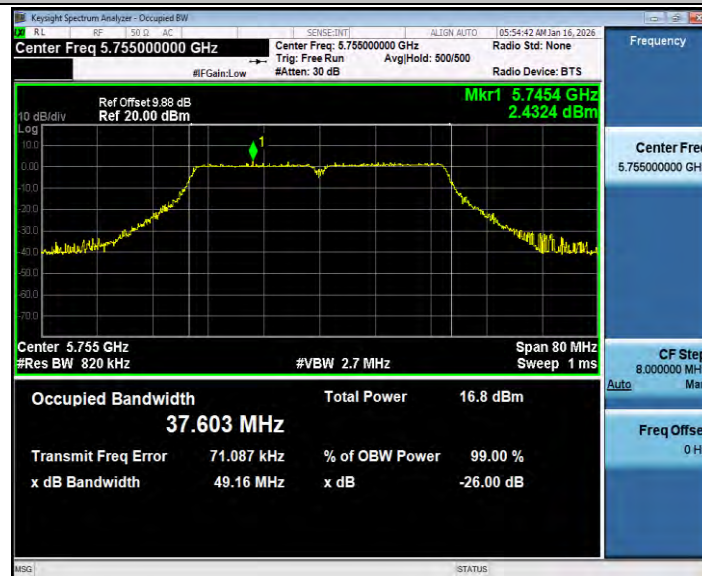
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



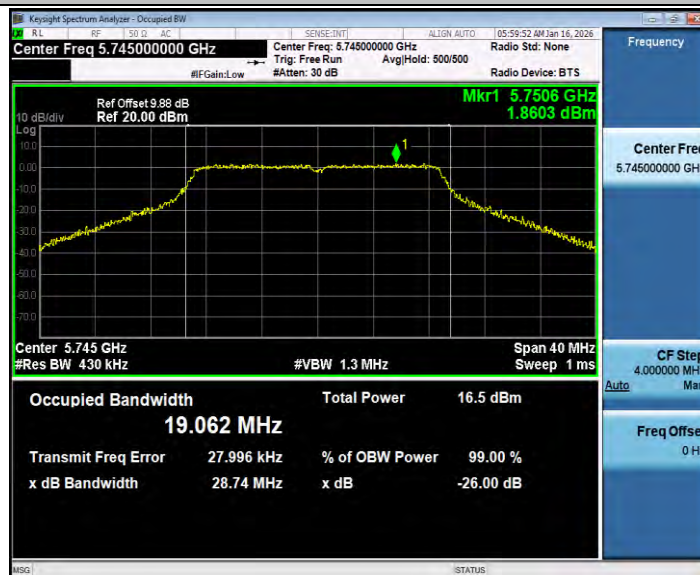
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



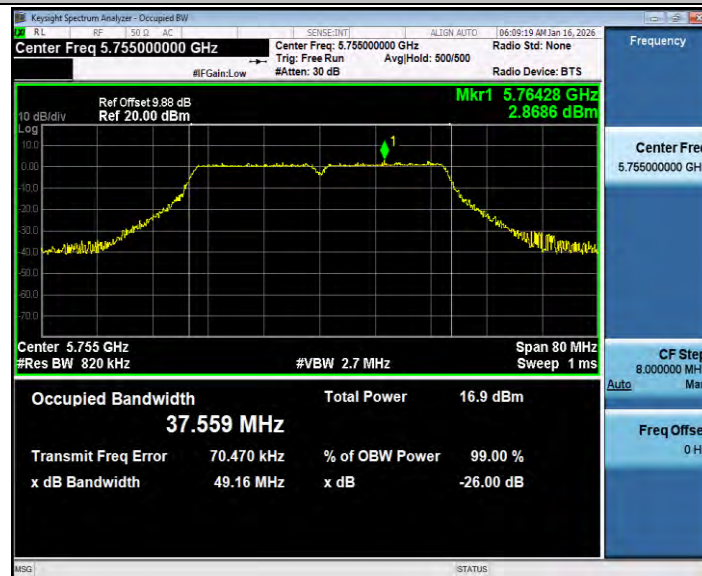
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



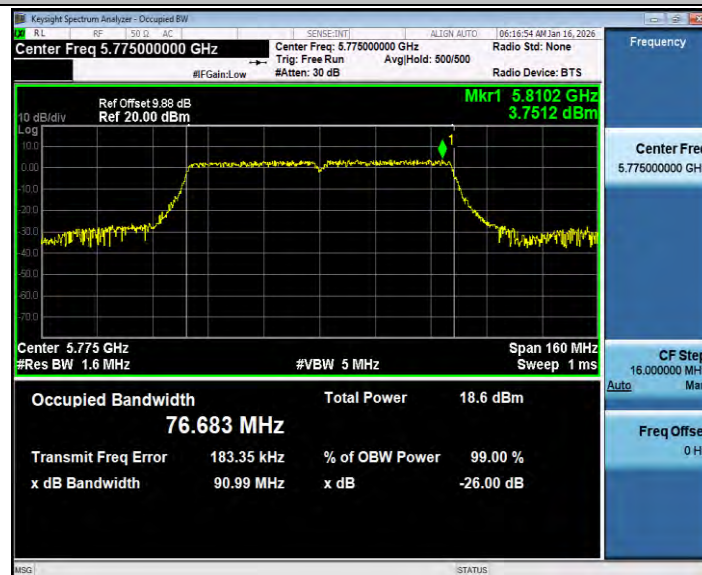
11AC40SISO_Ant1_5755



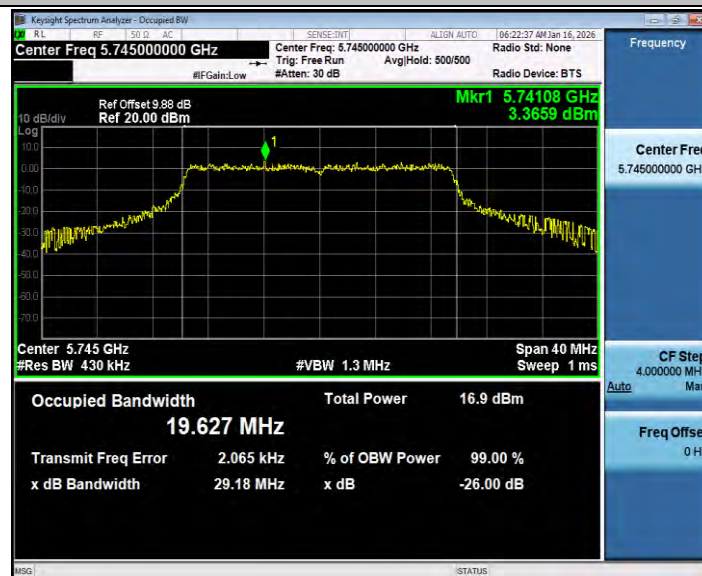
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



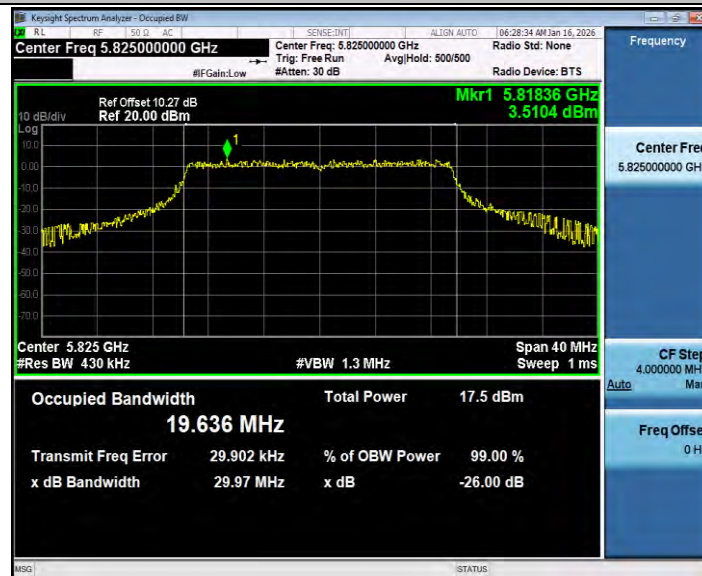
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



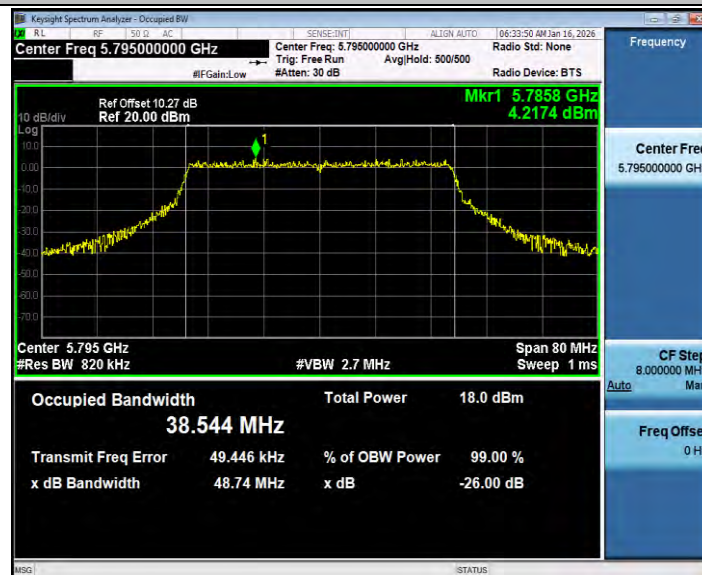
11AX20SISO_Ant1_5825



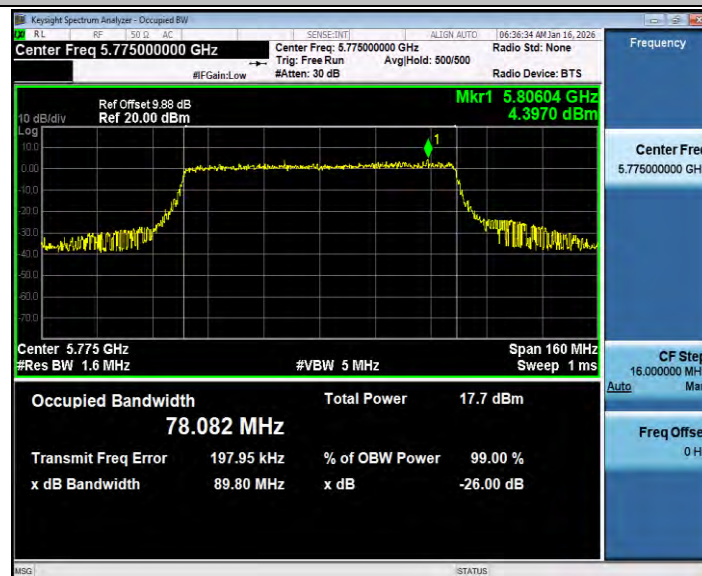
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



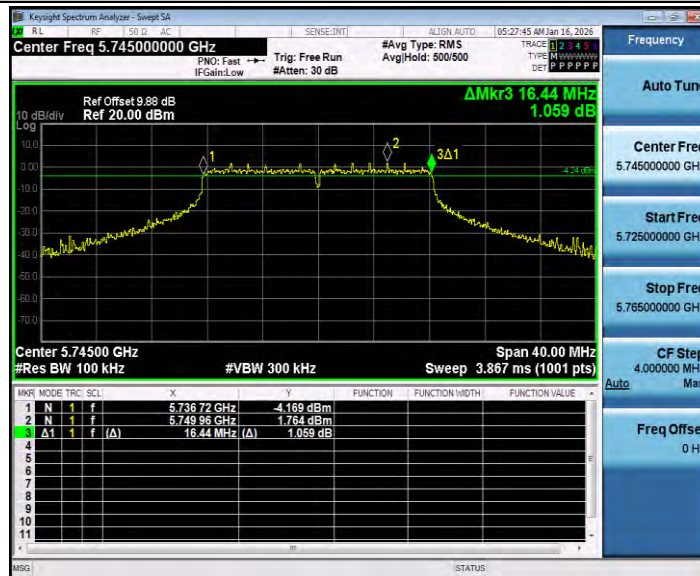
Appendix G.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.440	5736.720	5753.160	0.5	PASS
		5785	16.400	5776.760	5793.160	0.5	PASS
		5825	16.400	5816.760	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.160	5753.760	0.5	PASS
		5785	17.640	5776.160	5793.800	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	76.320	5736.760	5813.080	0.5	PASS
11AX20SISO	Ant1	5745	18.960	5735.480	5754.440	0.5	PASS
		5785	19.000	5775.480	5794.480	0.5	PASS
		5825	18.960	5815.520	5834.480	0.5	PASS
11AX40SISO	Ant1	5755	38.160	5735.880	5774.040	0.5	PASS
		5795	38.080	5775.960	5814.040	0.5	PASS
11AX80SISO	Ant1	5775	77.920	5736.120	5814.040	0.5	PASS

Test Graphs B4

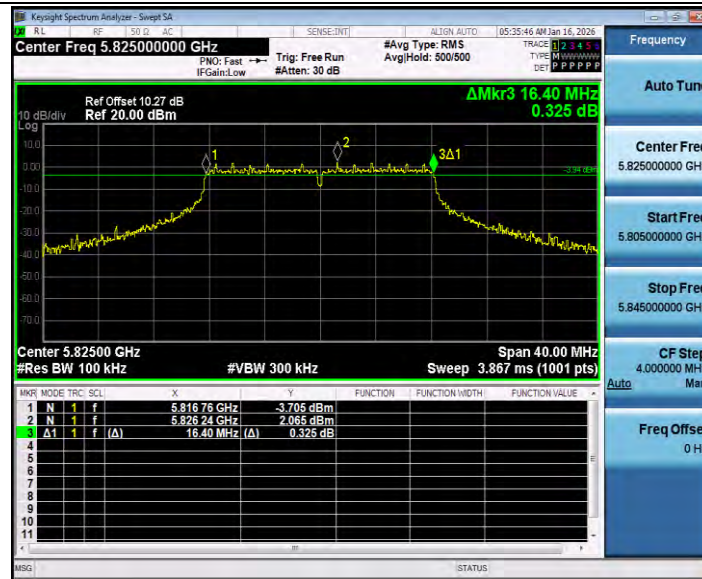
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



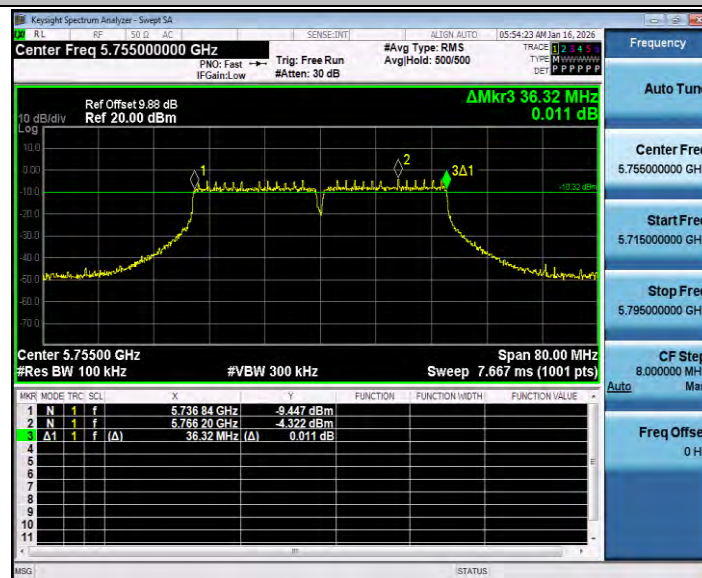
11N20SISO_Ant1_5785



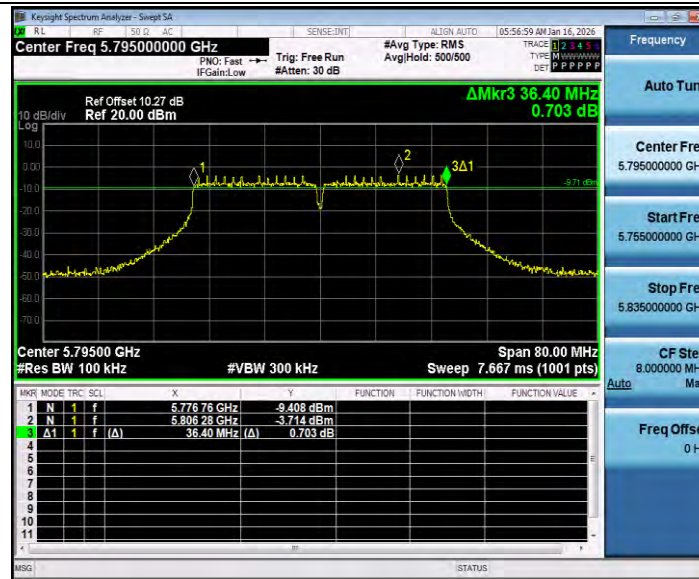
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



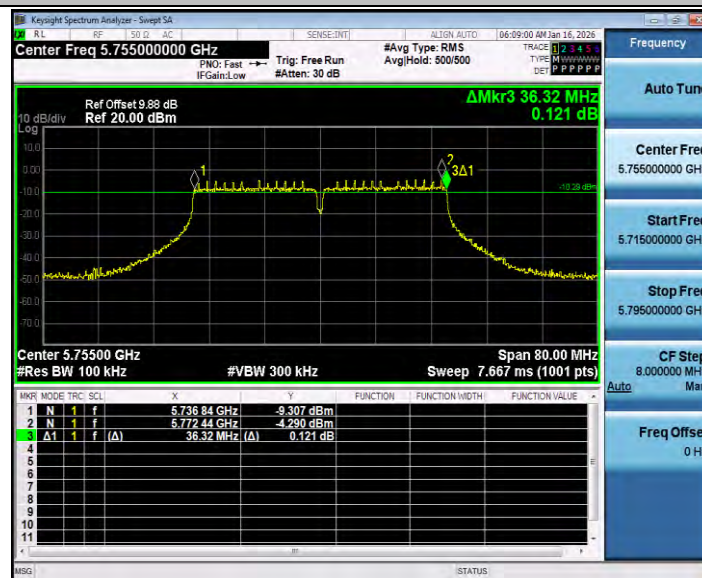
11AC20SISO_Ant1_5785



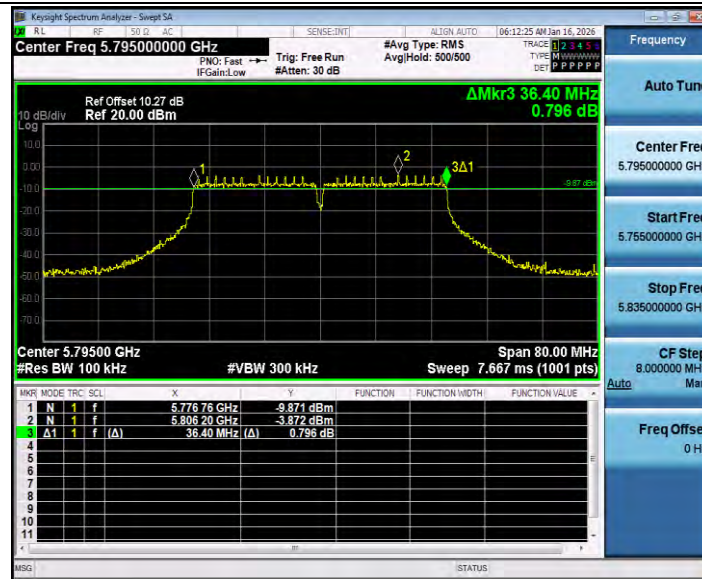
11AC20SISO_Ant1_5825



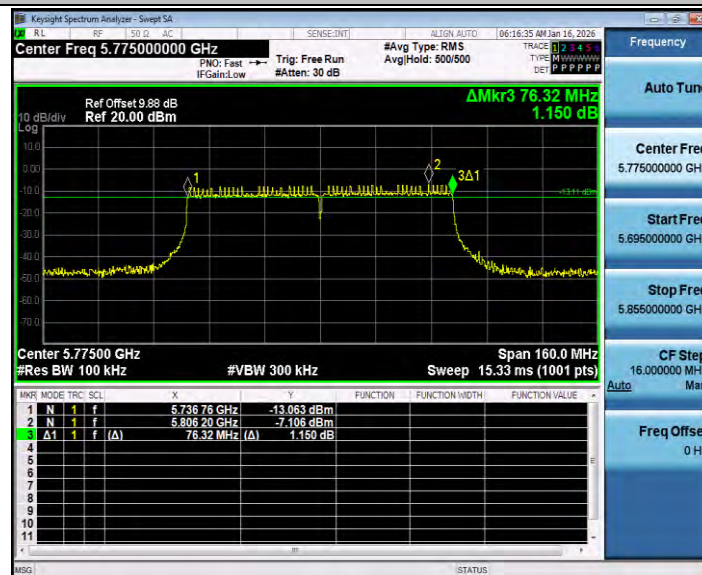
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



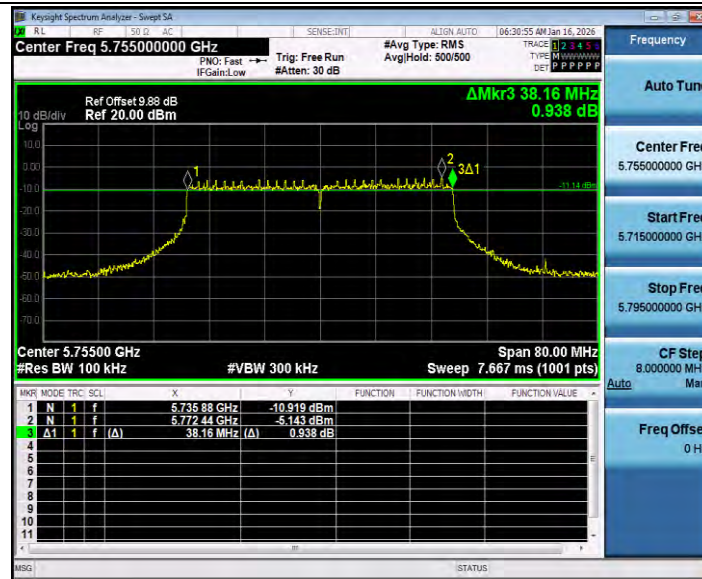
11AX20SISO_Ant1_5785



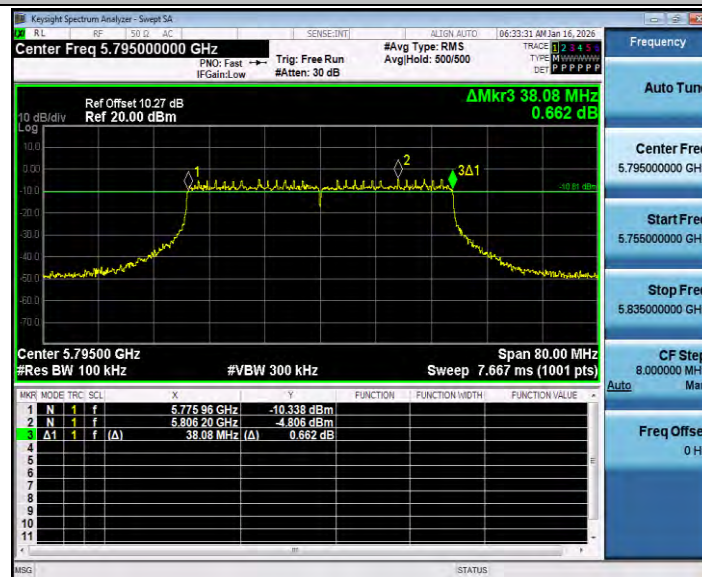
11AX20SISO_Ant1_5825



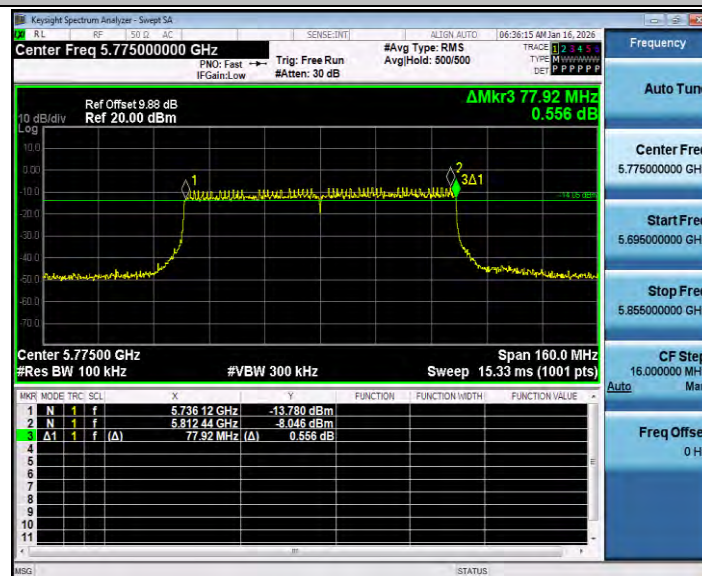
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775

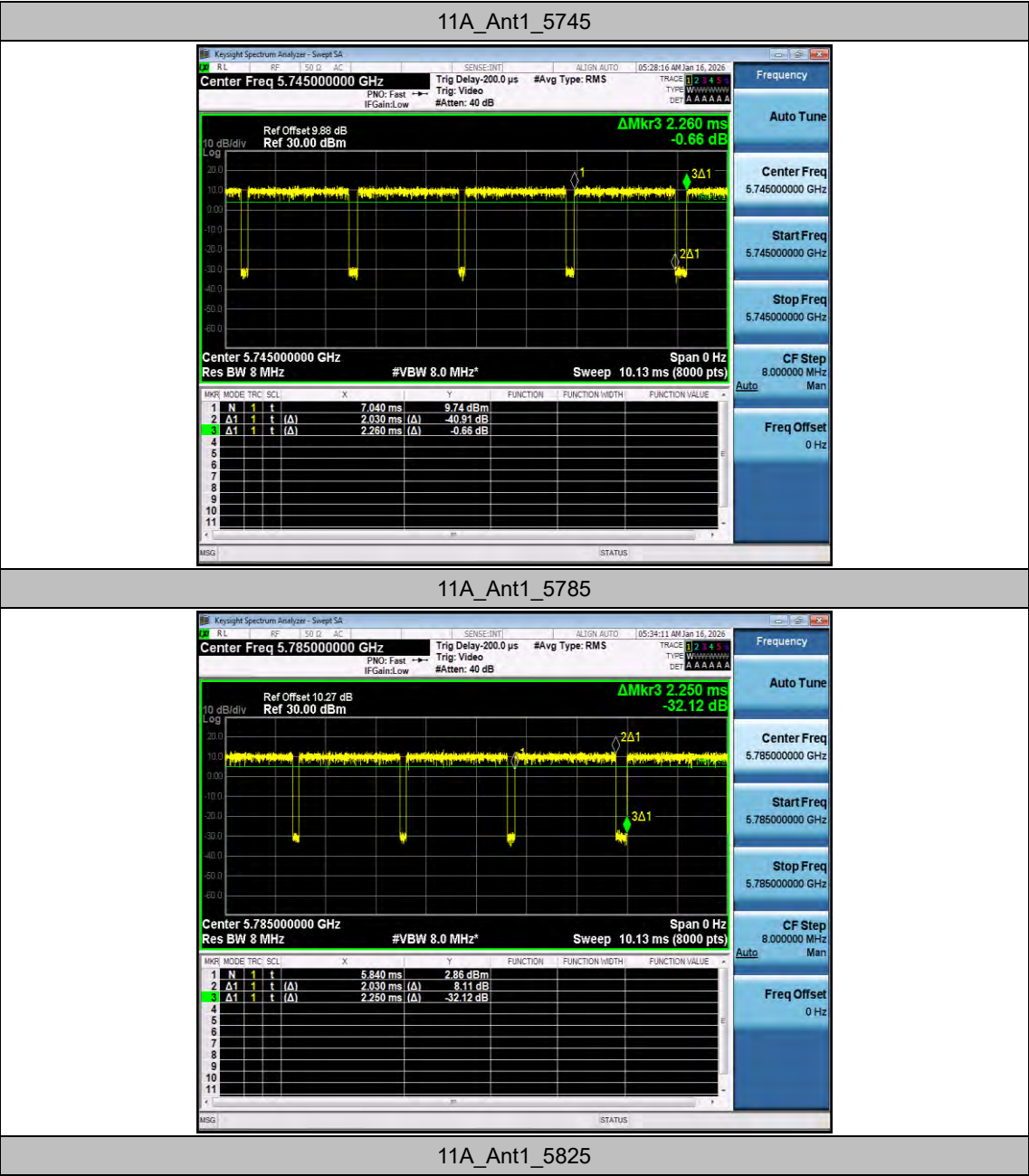


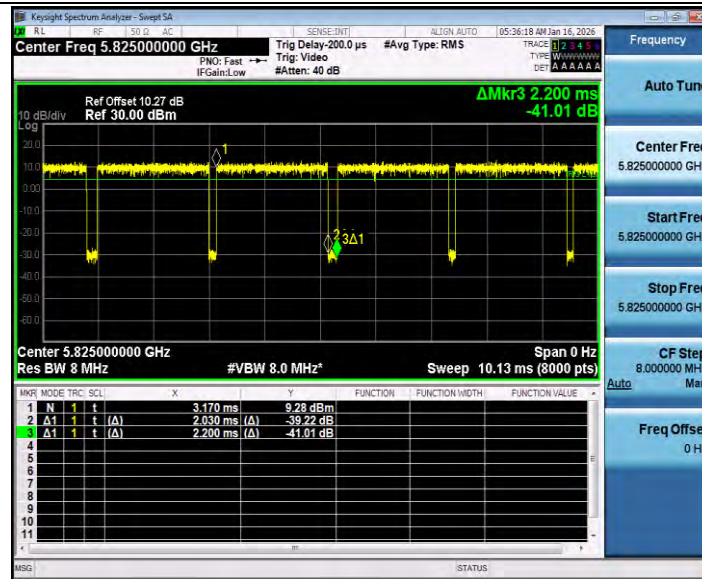
AppendixG.3: Duty Cycle

Test Result

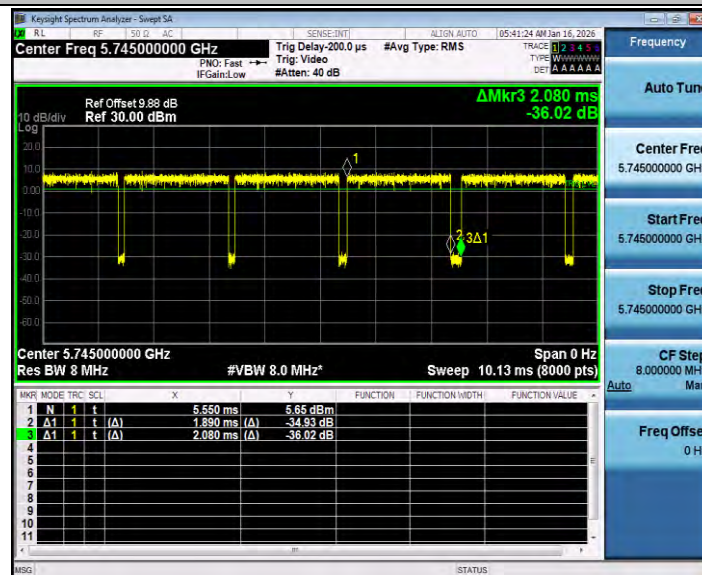
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	2.03	2.26	89.82	0.47	0.49
		5785	2.03	2.25	90.22	0.45	0.49
		5825	2.03	2.20	92.27	0.35	0.49
11N20SISO	Ant1	5745	1.89	2.08	90.87	0.42	0.53
		5785	1.89	2.01	94.03	0.27	0.53
		5825	1.89	2.04	92.65	0.33	0.53
11N40SISO	Ant1	5755	0.93	1.17	79.49	1.00	1.08
		5795	0.93	1.14	81.58	0.88	1.08
11AC20SISO	Ant1	5745	1.90	2.09	90.91	0.41	0.53
		5785	1.90	2.10	90.48	0.43	0.53
		5825	1.90	2.06	92.23	0.35	0.53
11AC40SISO	Ant1	5755	0.94	1.17	80.34	0.95	1.06
		5795	0.93	1.12	83.04	0.81	1.08
11AC80SISO	Ant1	5775	0.46	0.69	66.67	1.76	2.17
11AX20SISO	Ant1	5745	1.46	1.67	87.43	0.58	0.68
		5785	1.46	1.67	87.43	0.58	0.68
		5825	1.46	1.66	87.95	0.56	0.68
11AX40SISO	Ant1	5755	0.76	0.99	76.77	1.15	1.32
		5795	0.76	0.94	80.85	0.92	1.32
11AX80SISO	Ant1	5775	0.39	0.69	56.52	2.48	2.56

Test Graphs

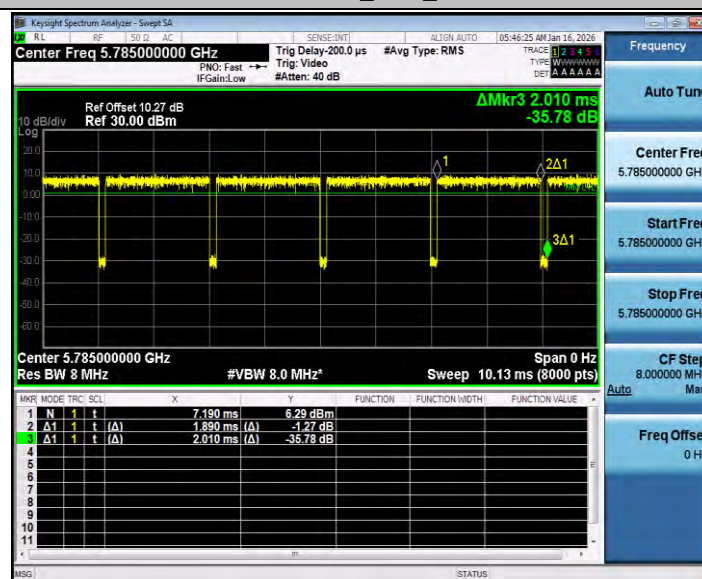




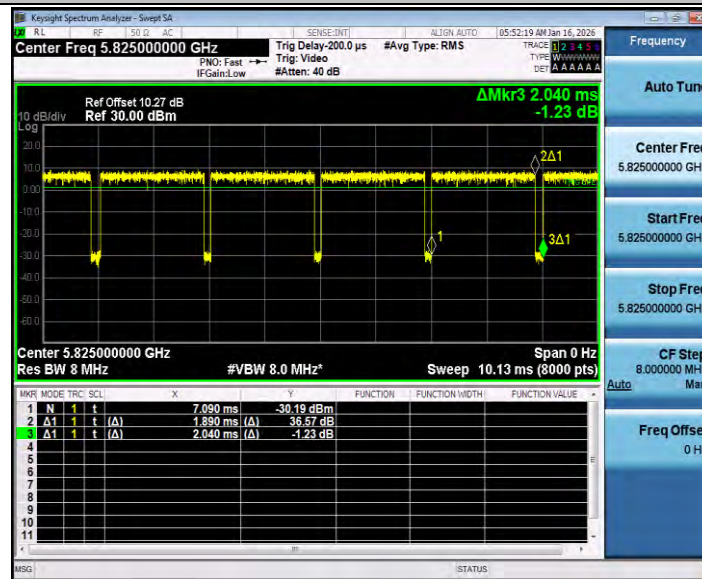
11N20SISO_Ant1_5745



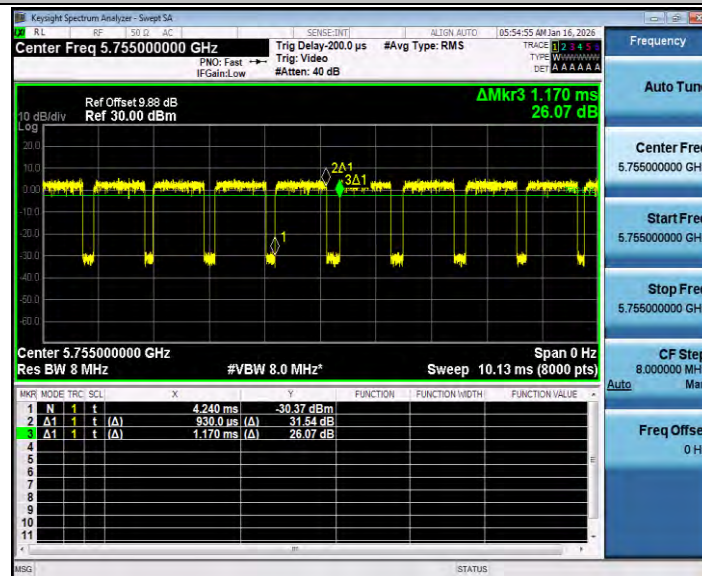
11N20SISO_Ant1_5785



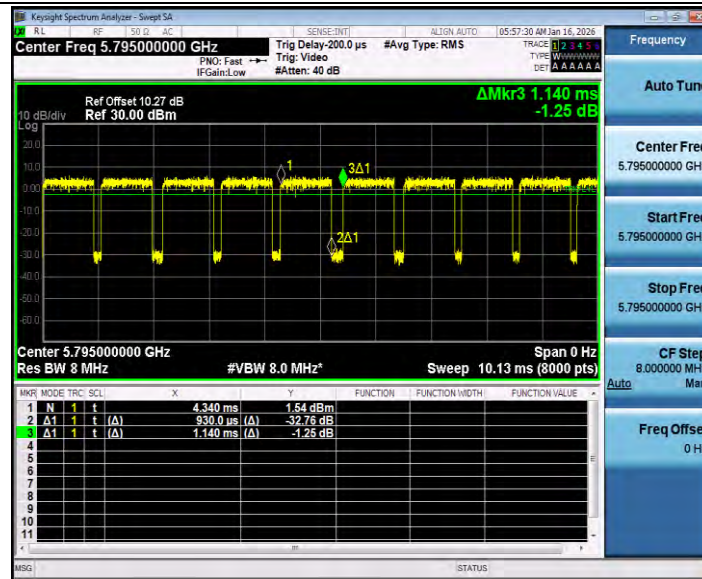
11N20SISO_Ant1_5825



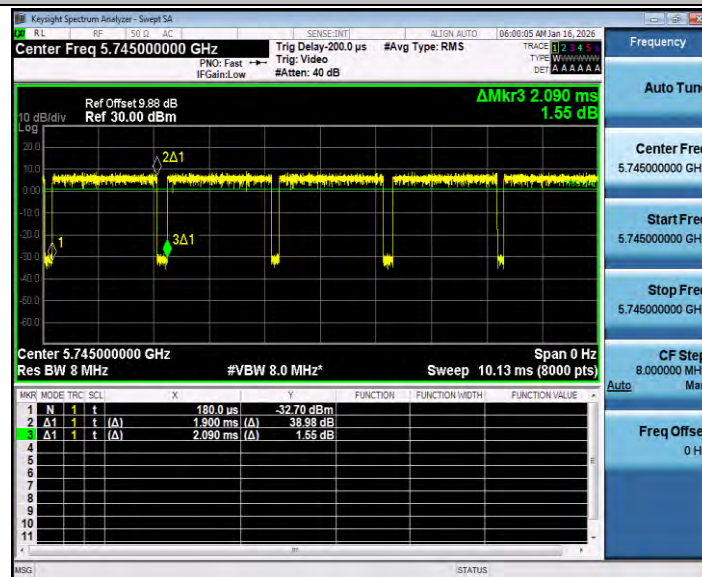
11N40SISO_Ant1_5755



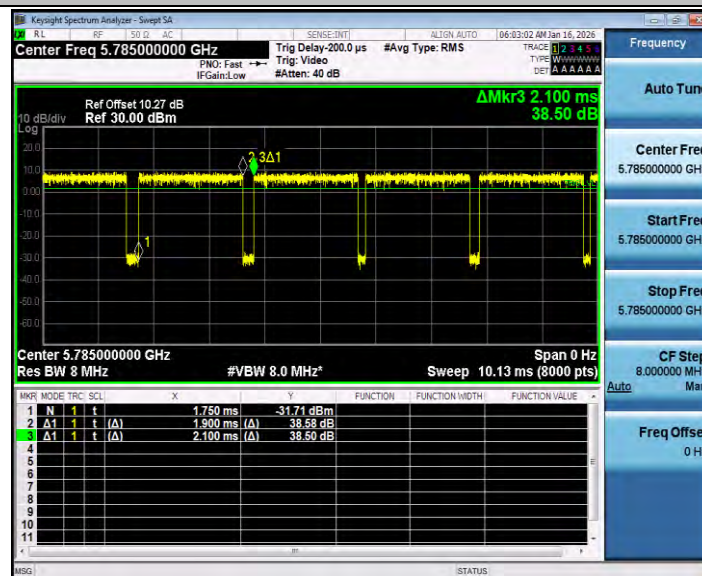
11N40SISO_Ant1_5795



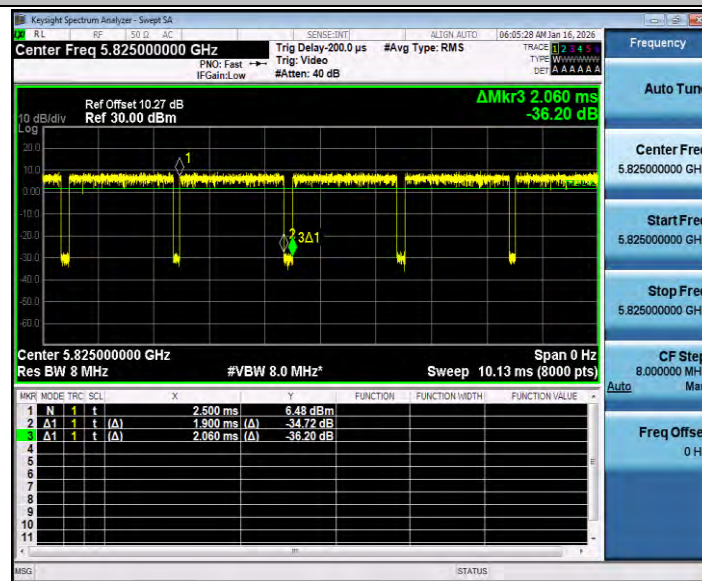
11AC20SISO_Ant1_5745



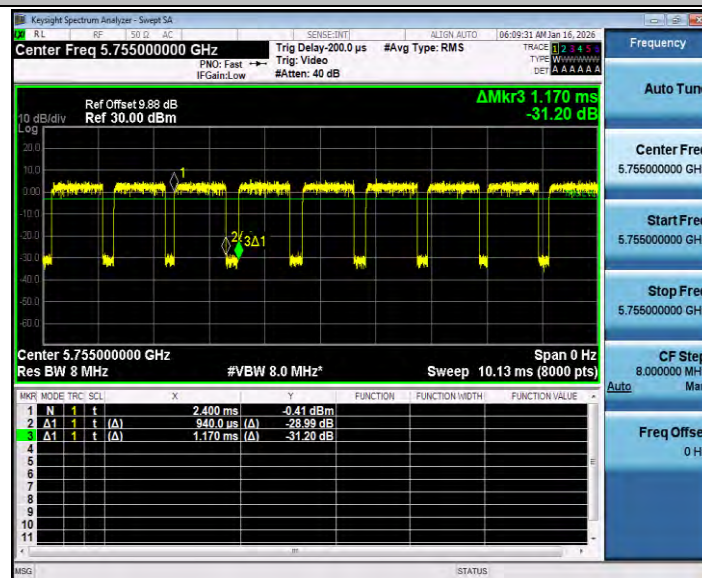
11AC20SISO_Ant1_5785



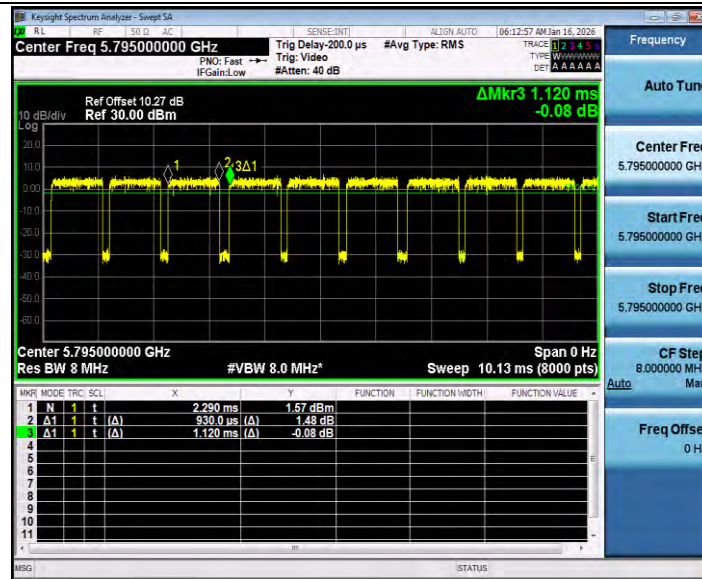
11AC20SISO_Ant1_5825



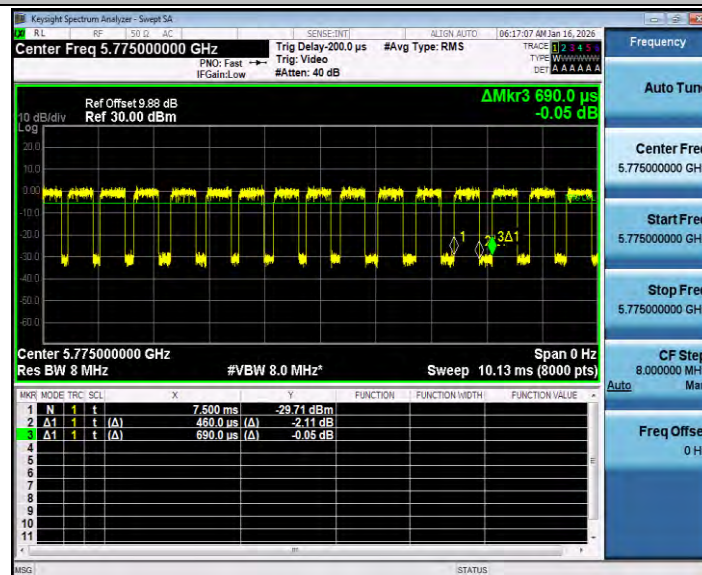
11AC40SISO_Ant1_5755



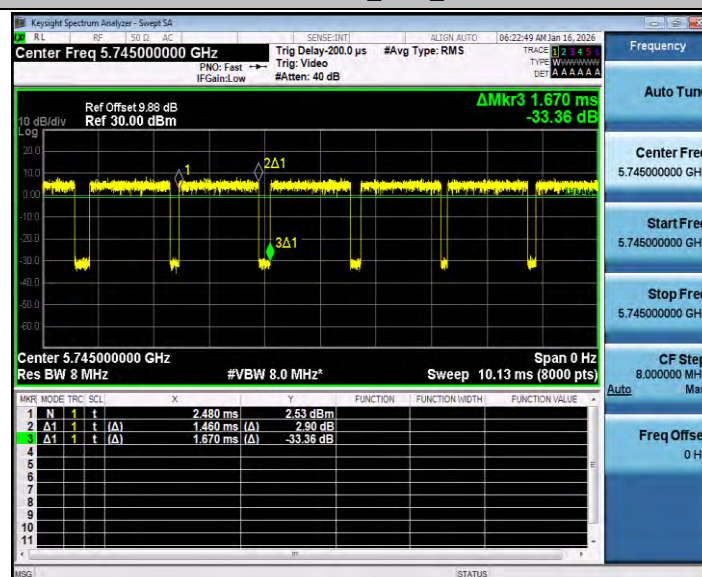
11AC40SISO_Ant1_5795



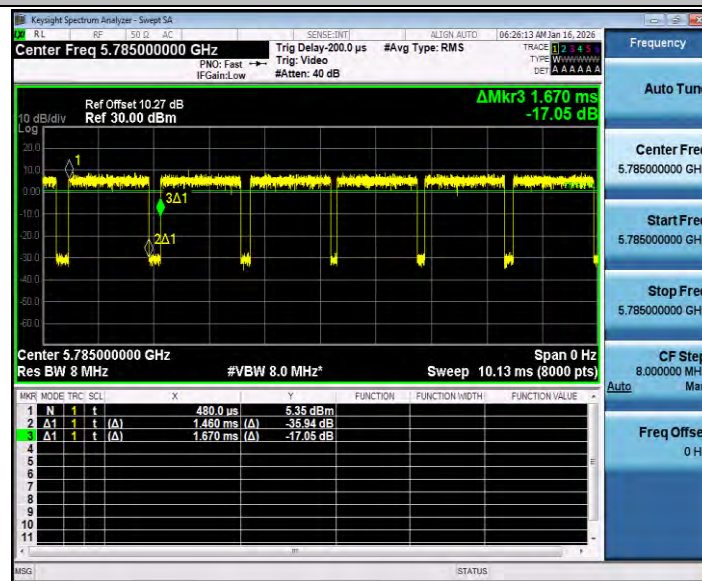
11AC80SISO_Ant1_5775



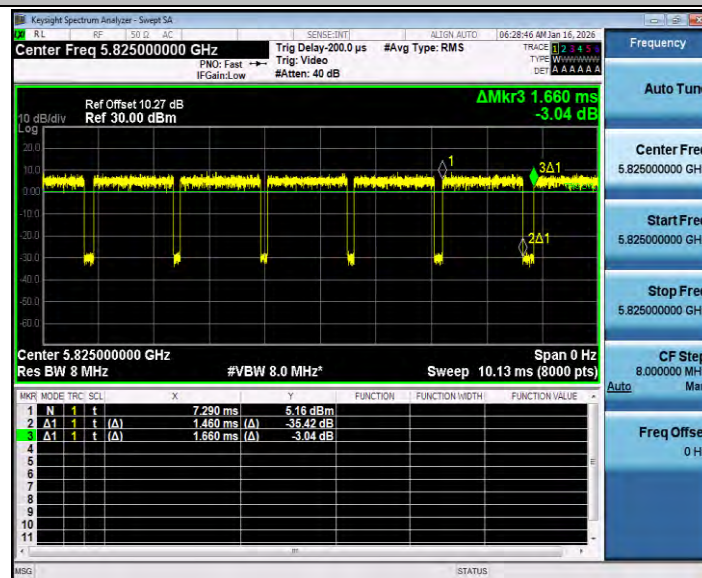
11AX20SISO_Ant1_5745



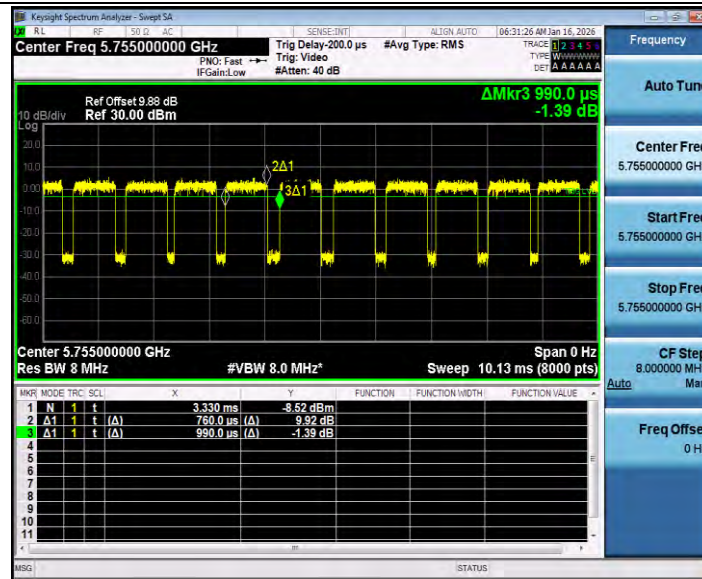
11AX20SISO_Ant1_5785



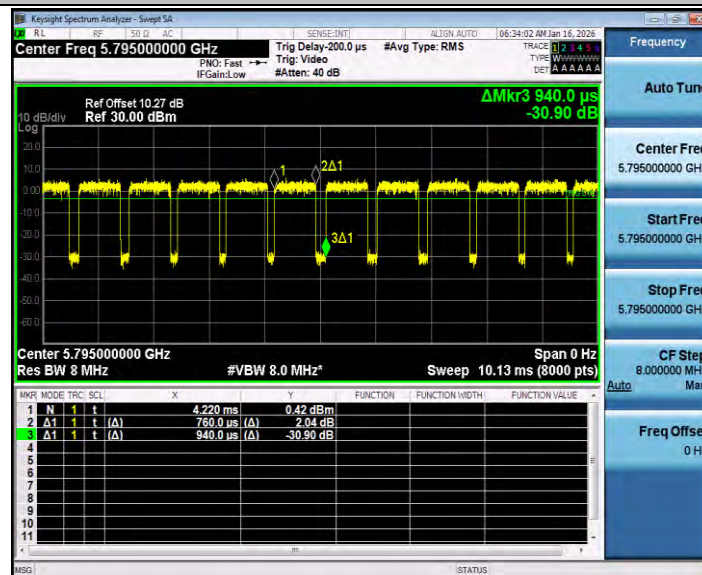
11AX20SISO_Ant1_5825



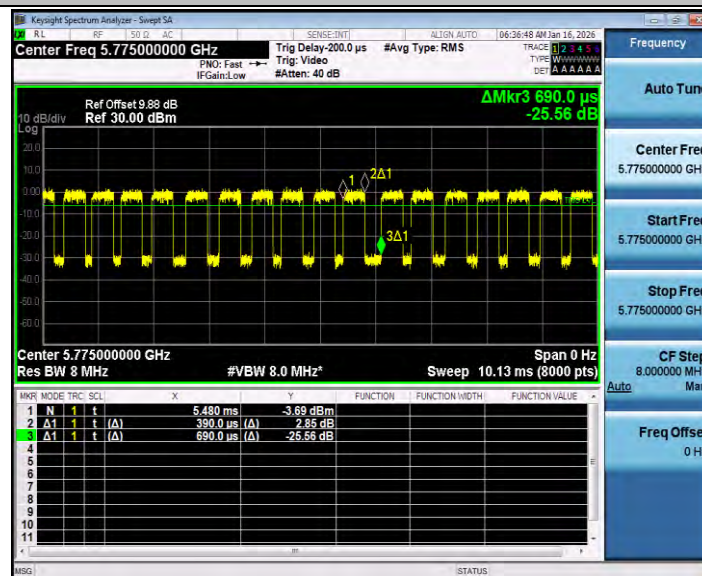
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



Appendix G.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	12.95	89.82	0.47	13.42	≤30.00	PASS
		5785	13.29	90.22	0.45	13.74	≤30.00	PASS
		5825	13.10	92.27	0.35	13.45	≤30.00	PASS
11N20SISO	Ant1	5745	9.21	90.87	0.42	9.63	≤30.00	PASS
		5785	9.92	94.03	0.27	10.19	≤30.00	PASS
		5825	10.03	92.65	0.33	10.36	≤30.00	PASS
11N40SISO	Ant1	5755	8.27	79.49	1.00	9.27	≤30.00	PASS
		5795	8.62	81.58	0.88	9.50	≤30.00	PASS
11AC20SISO	Ant1	5745	9.29	90.91	0.41	9.70	≤30.00	PASS
		5785	10.16	90.48	0.43	10.59	≤30.00	PASS
		5825	9.85	92.23	0.35	10.20	≤30.00	PASS
11AC40SISO	Ant1	5755	9.03	80.34	0.95	9.98	≤30.00	PASS
		5795	9.59	83.04	0.81	10.40	≤30.00	PASS
11AC80SISO	Ant1	5775	8.43	66.67	1.76	10.19	≤30.00	PASS
11AX20SISO	Ant1	5745	8.25	87.43	0.58	8.83	≤30.00	PASS
		5785	8.99	87.43	0.58	9.57	≤30.00	PASS
		5825	8.81	87.95	0.56	9.37	≤30.00	PASS
11AX40SISO	Ant1	5755	7.86	76.77	1.15	9.01	≤30.00	PASS
		5795	8.47	80.85	0.92	9.39	≤30.00	PASS
11AX80SISO	Ant1	5775	7.36	56.52	2.48	9.84	≤30.00	PASS

Appendix G.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-1.17	≤30.00	PASS
		5785	-0.70	≤30.00	PASS
		5825	-1.03	≤30.00	PASS
11N20SISO	Ant1	5745	-5.05	≤30.00	PASS
		5785	-4.27	≤30.00	PASS
		5825	-4.51	≤30.00	PASS
11N40SISO	Ant1	5755	-7.48	≤30.00	PASS
		5795	-7.04	≤30.00	PASS
11AC20SISO	Ant1	5745	-5.02	≤30.00	PASS
		5785	-4.28	≤30.00	PASS
		5825	-4.38	≤30.00	PASS
11AC40SISO	Ant1	5755	-7.23	≤30.00	PASS
		5795	-7.06	≤30.00	PASS
11AC80SISO	Ant1	5775	-9.74	≤30.00	PASS
11AX20SISO	Ant1	5745	-6.27	≤30.00	PASS
		5785	-5.41	≤30.00	PASS
		5825	-5.58	≤30.00	PASS
11AX40SISO	Ant1	5755	-8.66	≤30.00	PASS
		5795	-8.46	≤30.00	PASS
11AX80SISO	Ant1	5775	-10.58	≤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 Factor and RBW Factor is compensated in the graph.

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



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

