

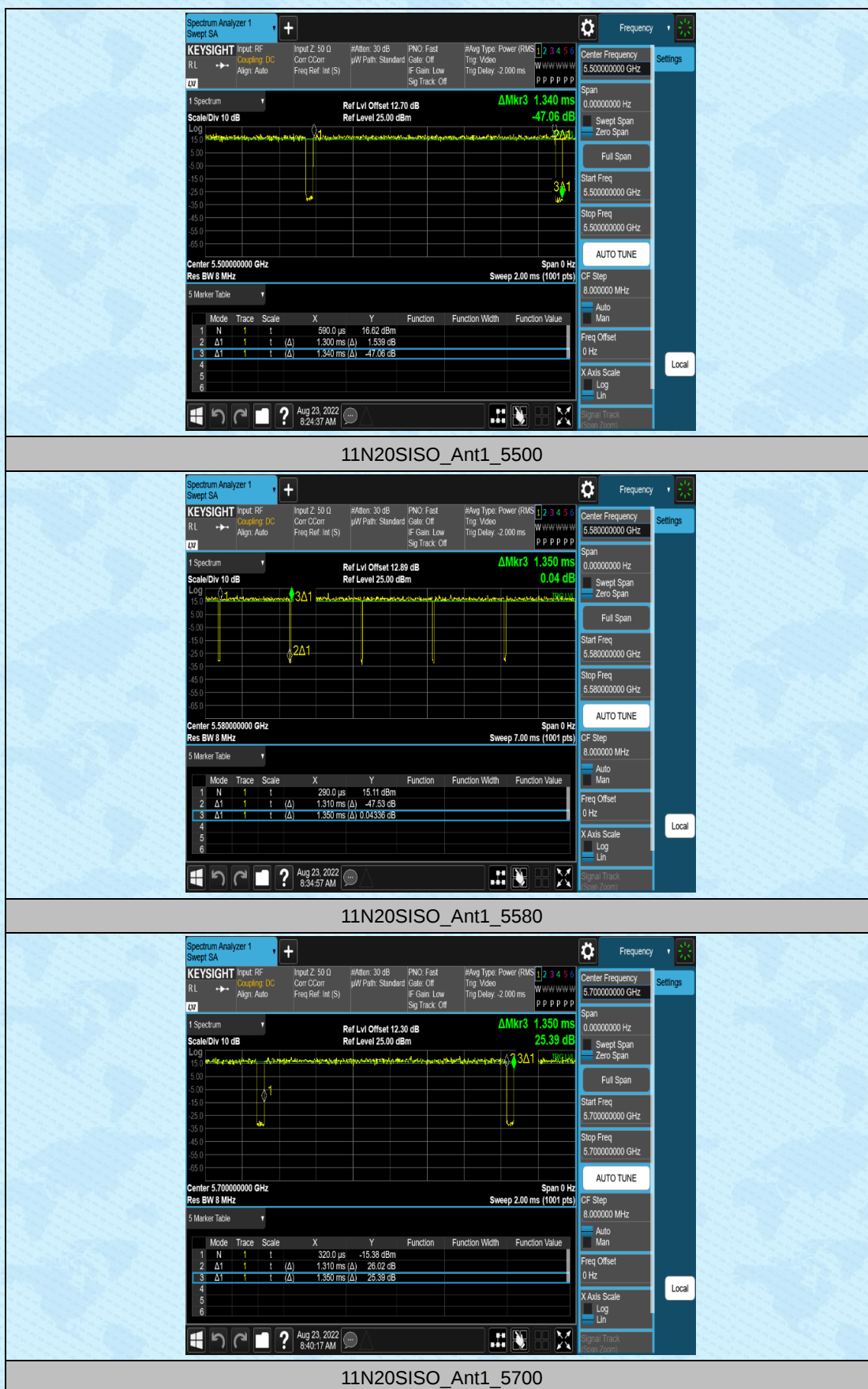
3. Duty Cycle

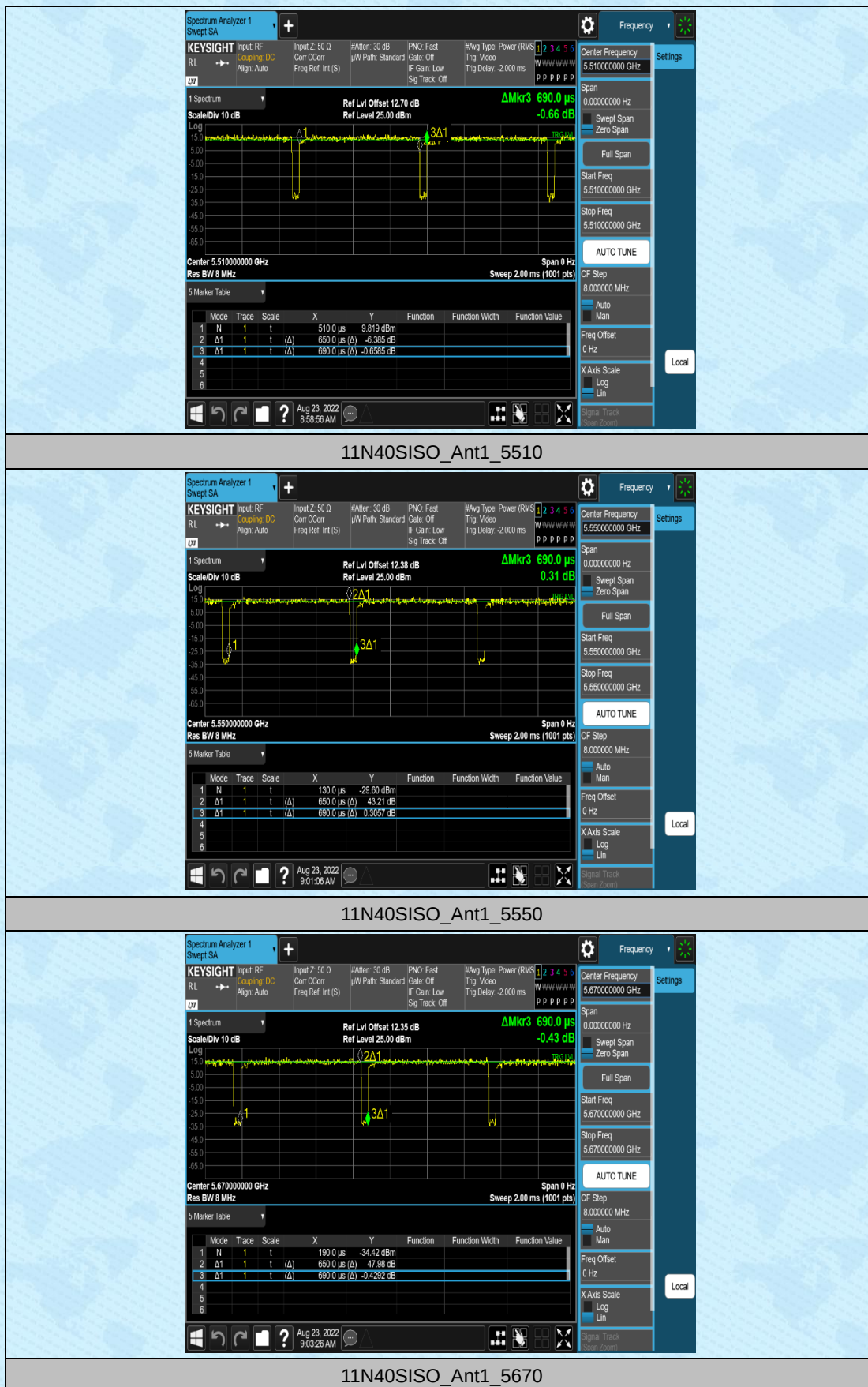
Test Result

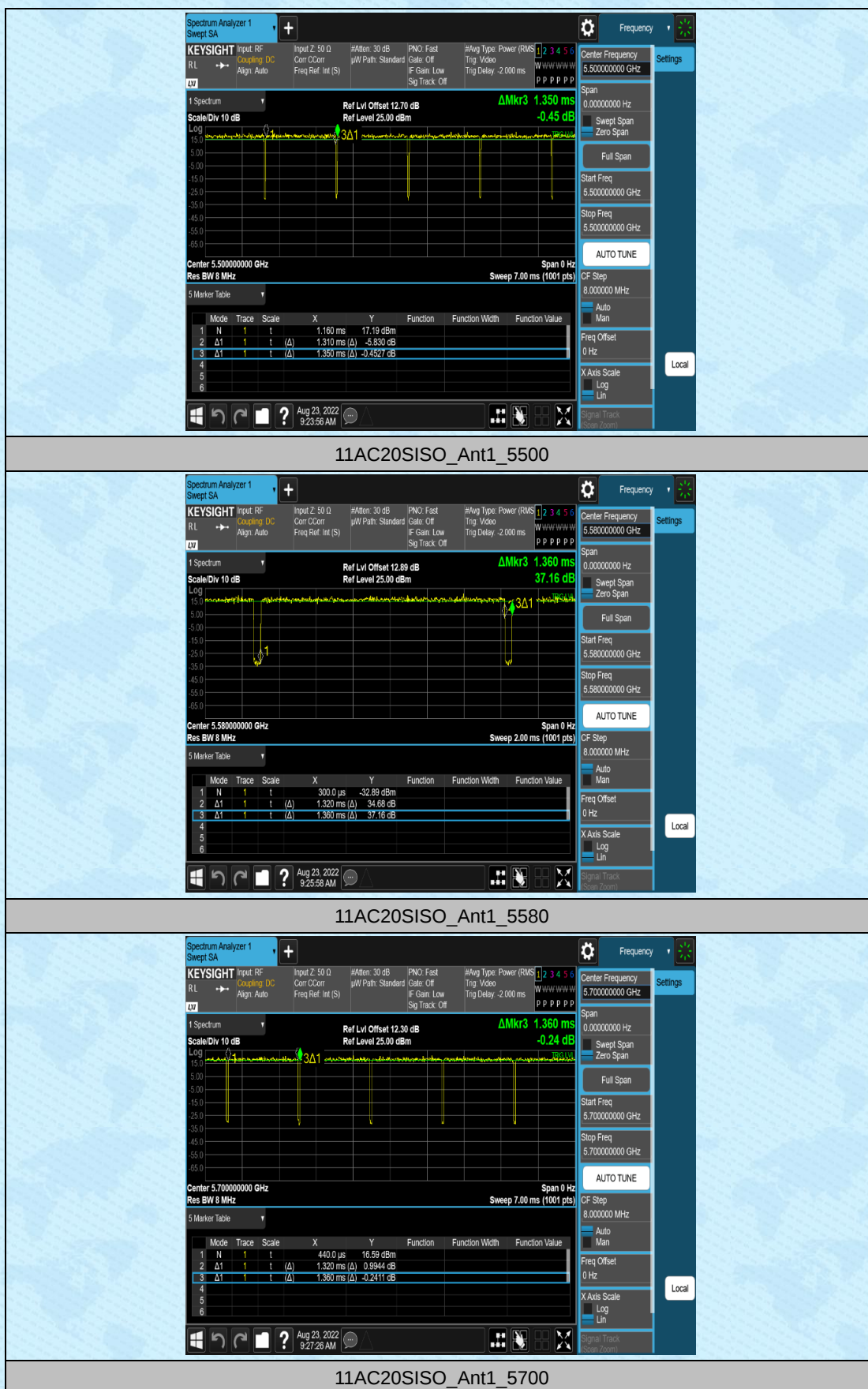
TestMode	Antenna	Fre.[MHz]	Rate	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle[%]	Duty Cycle factor	Verdict
11A	Ant1	5500	6Mbps	1.40	1.44	97.22	0.12	---
		5580	6Mbps	1.39	1.43	97.20	0.12	---
		5700	6Mbps	1.39	1.43	97.20	0.12	---
11N20SISO	Ant1	5500	MCS0	1.30	1.34	97.01	0.13	---
		5580	MCS0	1.31	1.35	97.04	0.13	---
		5700	MCS0	1.31	1.35	97.04	0.13	---
11N40SISO	Ant1	5510	MCS0	0.65	0.69	94.20	0.26	---
		5550	MCS0	0.65	0.69	94.20	0.26	---
		5670	MCS0	0.65	0.69	94.20	0.26	---
11AC20SISO	Ant1	5500	MCS0	1.31	1.35	97.04	0.13	---
		5580	MCS0	1.32	1.36	97.06	0.13	---
		5700	MCS0	1.32	1.36	97.06	0.13	---
11AC40SISO	Ant1	5510	MCS0	0.66	0.70	94.29	0.26	---
		5550	MCS0	0.66	0.70	94.29	0.26	---
		5670	MCS0	0.66	0.70	94.29	0.26	---
11AC80SISO	Ant1	5530	MCS0	0.33	0.37	89.19	0.50	---
		5610	MCS0	0.32	0.36	88.89	0.51	---

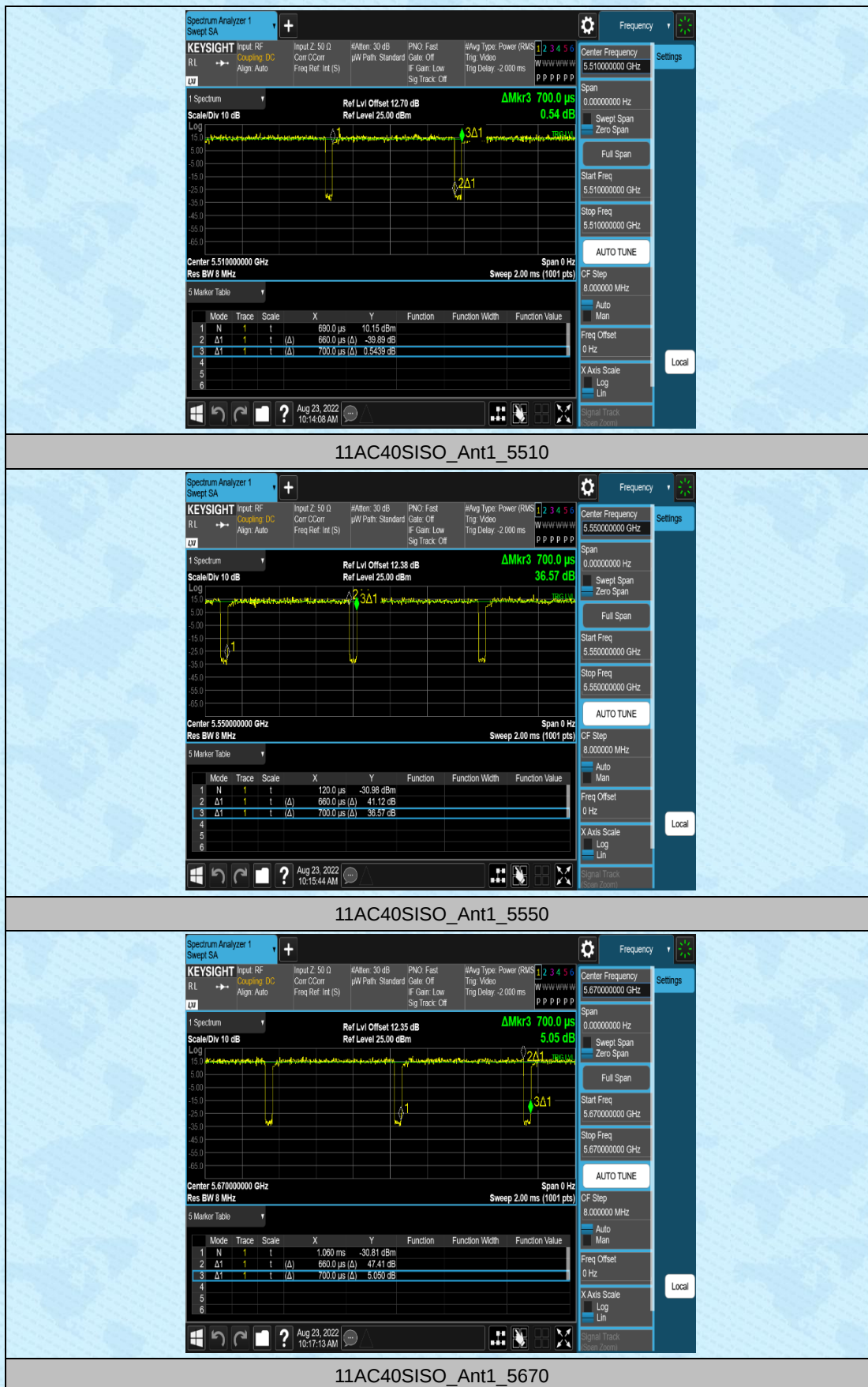
Test Graphs

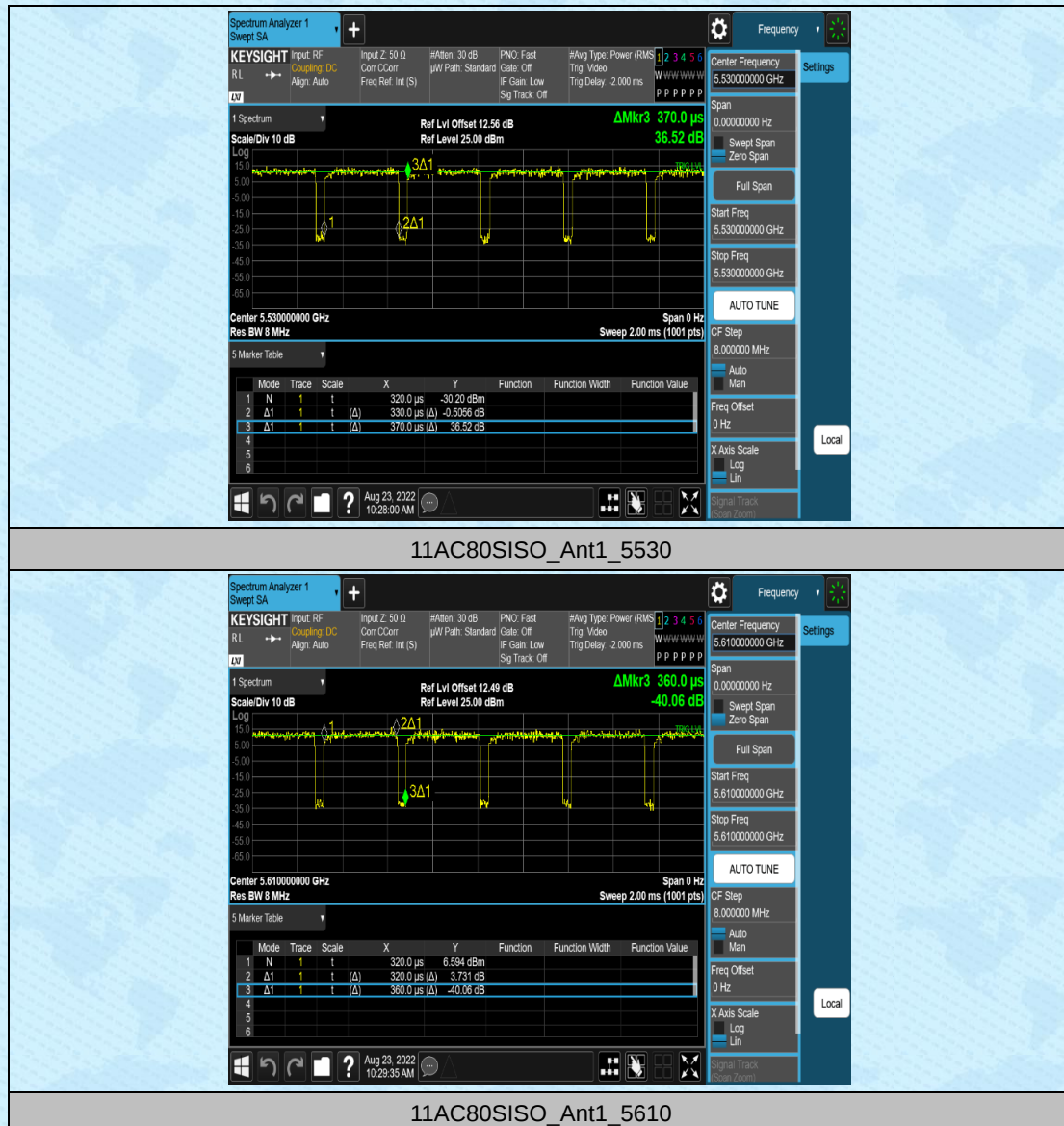












4. Maximum conducted output power

Test Result

TestMode	Antenna	Fre.[MHz]	Rate	DC[%]	Power[dBm]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5500	6Mbps	97.22	13.75	13.87	≤23.16	PASS
		5580	6Mbps	97.20	13.50	13.62	≤23.16	PASS
		5700	6Mbps	97.20	14.88	15.00	≤23.16	PASS
11N20 SISO	Ant1	5500	MCS0	97.01	13.41	13.54	≤23.16	PASS
		5580	MCS0	97.04	13.13	13.26	≤23.16	PASS
		5700	MCS0	97.04	14.58	14.71	≤23.16	PASS
11N40 SISO	Ant1	5510	MCS0	94.20	13.66	13.92	≤23.16	PASS
		5550	MCS0	94.20	12.79	13.05	≤23.16	PASS
		5670	MCS0	94.20	14.73	14.99	≤23.16	PASS
11AC20 SISO	Ant1	5500	MCS0	97.04	13.50	13.63	≤23.16	PASS
		5580	MCS0	97.06	13.41	13.54	≤23.16	PASS
		5700	MCS0	97.06	14.61	14.74	≤23.16	PASS
11AC40 SISO	Ant1	5510	MCS0	94.29	13.92	14.18	≤23.16	PASS
		5550	MCS0	94.29	13.01	13.27	≤23.16	PASS
		5670	MCS0	94.29	14.86	15.12	≤23.16	PASS
11AC80 SISO	Ant1	5530	MCS0	89.19	13.21	13.71	≤23.16	PASS
		5610	MCS0	88.89	13.77	14.28	≤23.16	PASS

Note:

According to the standard of test,maximum conducted output power shall be calculate as follow:

Power+10log(1/x),Power is measured value in dBm,and x is DC(Duty cycle).

5. Maximum power spectral density

Test Result

TestMode	Antenna	Fre. [MHz]	Rate	DC[%]	PSD(dBm/MHz)	Result(dBm/MHz)	Limit	Verdict
11A	Ant1	5500	6Mbps	97.22	3.83	3.95	≤10.18dBm/MHz	PASS
		5580	6Mbps	97.20	3.66	3.78	≤10.18dBm/MHz	PASS
		5700	6Mbps	97.20	5.17	5.29	≤10.18dBm/MHz	PASS
11N20S ISO	Ant1	5500	MCS0	97.01	3.19	3.32	≤10.18dBm/MHz	PASS
		5580	MCS0	97.04	2.96	3.09	≤10.18dBm/MHz	PASS
		5700	MCS0	97.04	4.51	4.64	≤10.18dBm/MHz	PASS
11N40S ISO	Ant1	5510	MCS0	94.20	0.80	1.06	≤10.18dBm/MHz	PASS
		5550	MCS0	94.20	-0.15	0.11	≤10.18dBm/MHz	PASS
		5670	MCS0	94.20	1.71	1.97	≤10.18dBm/MHz	PASS
11AC20 SISO	Ant1	5500	MCS0	97.04	3.54	3.67	≤10.18dBm/MHz	PASS
		5580	MCS0	97.06	3.22	3.35	≤10.18dBm/MHz	PASS
		5700	MCS0	97.06	4.58	4.71	≤10.18dBm/MHz	PASS
11AC40 SISO	Ant1	5510	MCS0	94.29	1.05	1.31	≤10.18dBm/MHz	PASS
		5550	MCS0	94.29	-0.25	0.01	≤10.18dBm/MHz	PASS
		5670	MCS0	94.29	2.19	2.45	≤10.18dBm/MHz	PASS
11AC80 SISO	Ant1	5530	MCS0	89.19	-2.86	-2.36	≤10.18dBm/MHz	PASS
		5610	MCS0	88.89	-2.31	-1.80	≤10.18dBm/MHz	PASS

Note:

According to the standard of test, maximum power spectral density shall be calculate as follow:

Max PSD=PSD+10log(1/x), PSD is measured value in dBm/MHz, and x is DC(Duty cycle).

Test Graphs













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