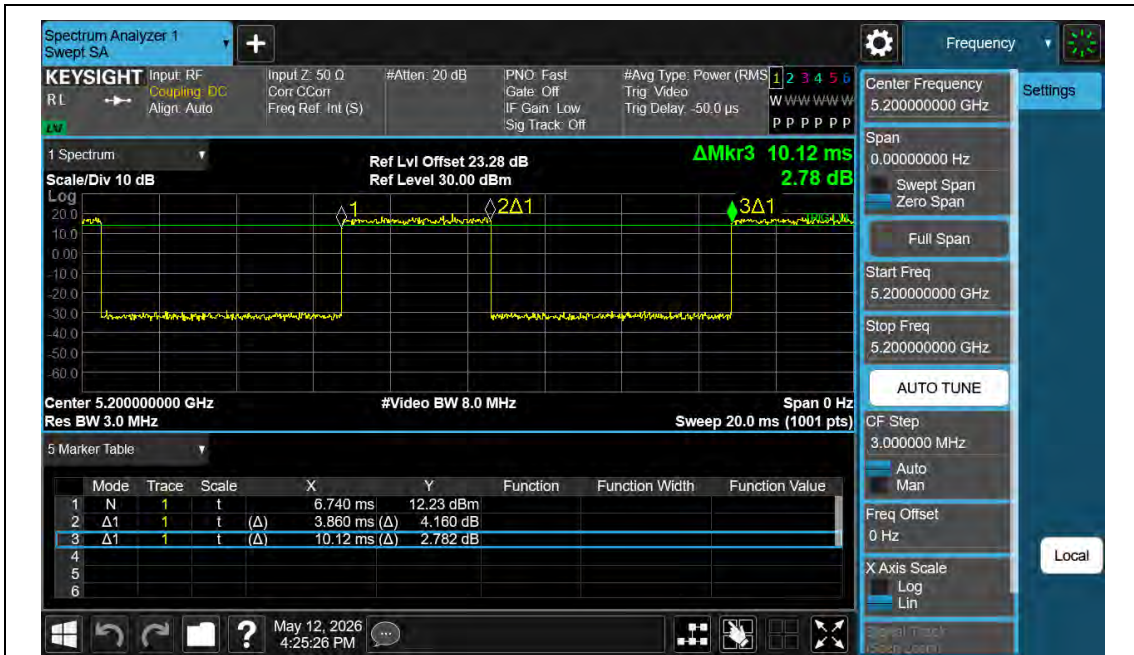
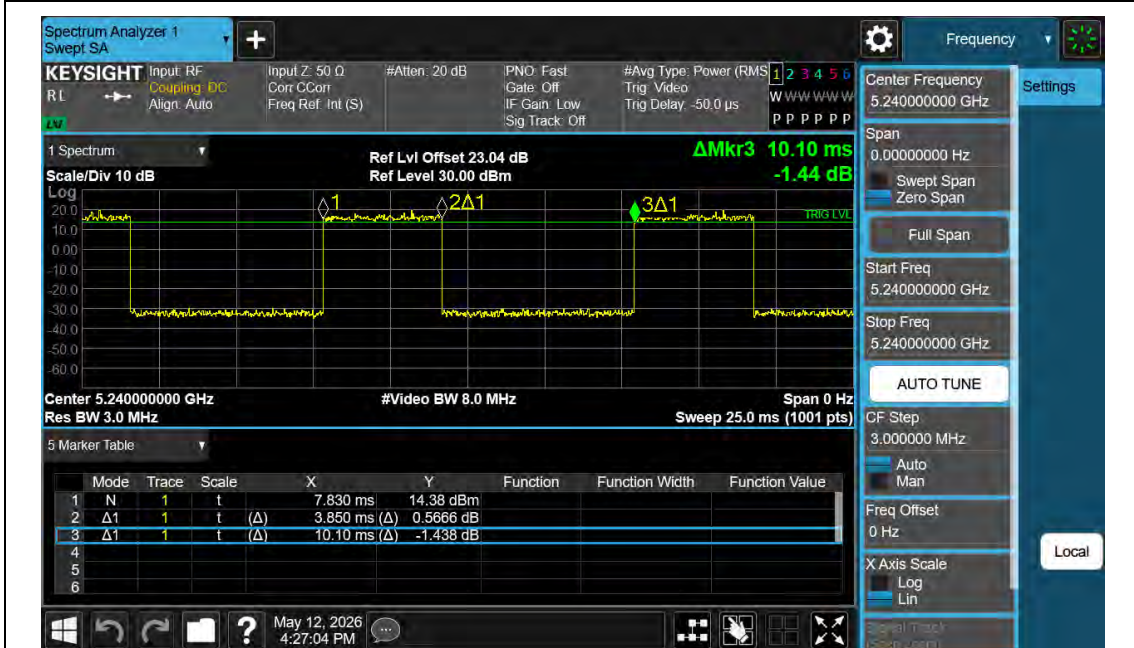
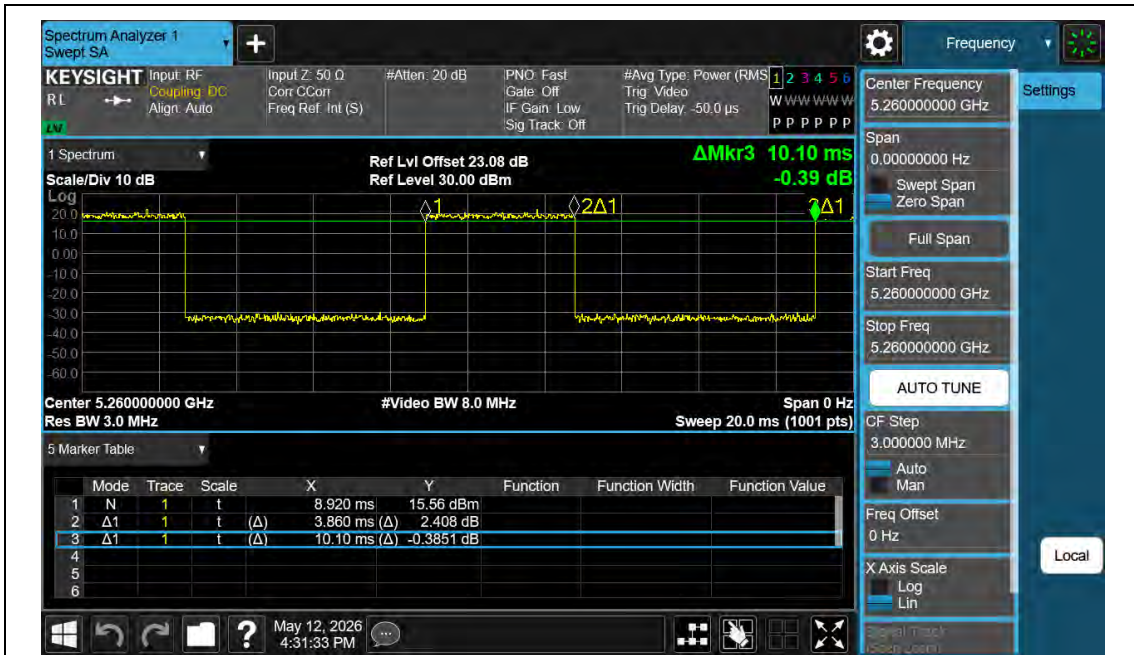




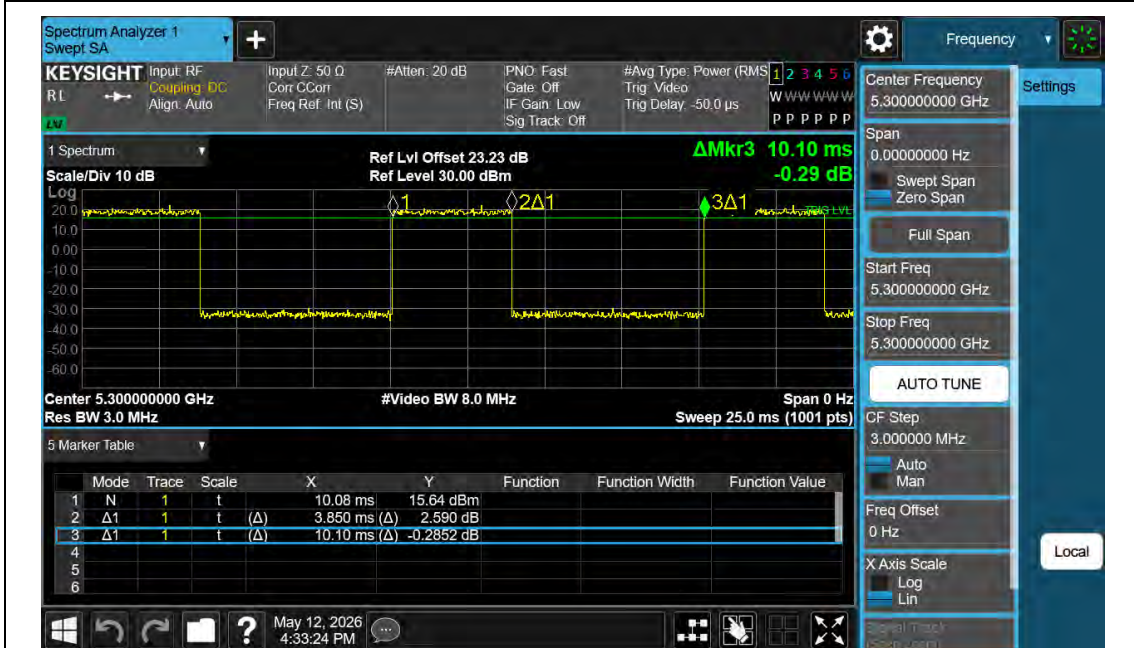
NTNV-11AX20SISO-Ant1-5240



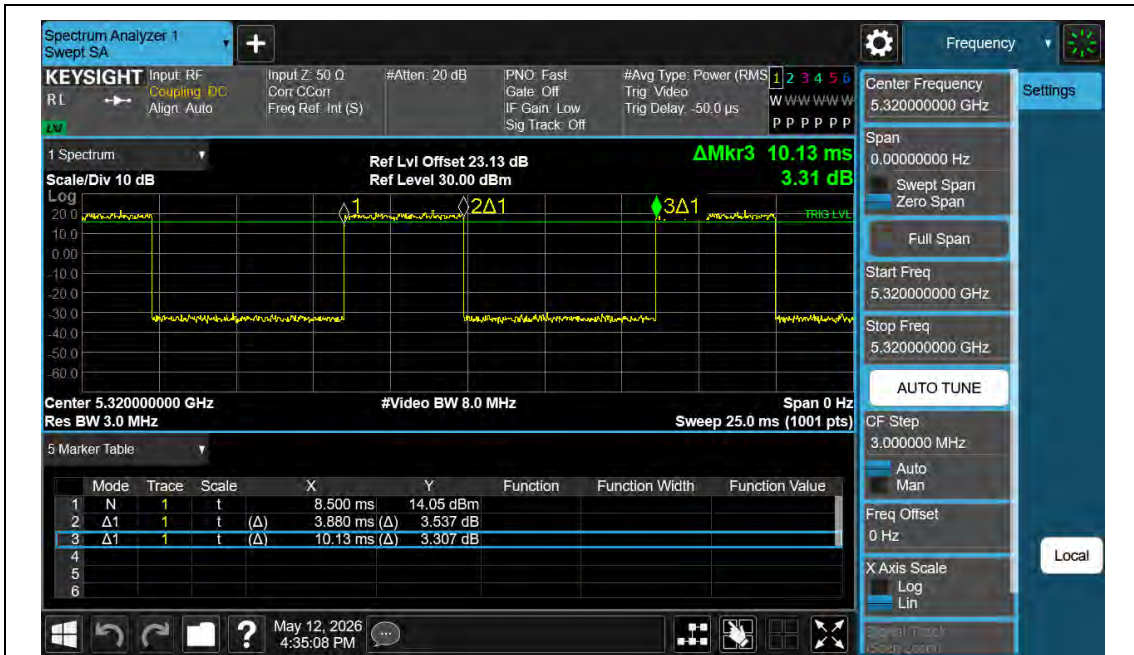
NTNV-11AX20SISO-Ant1-5260



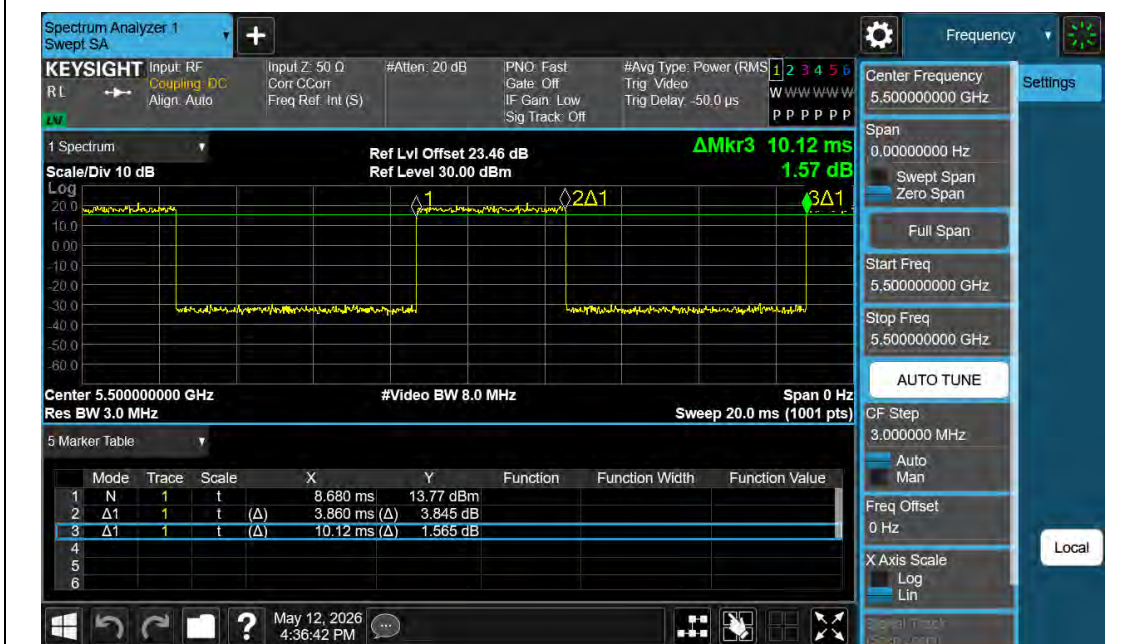
NTNV-11AX20SISO-Ant1-5300



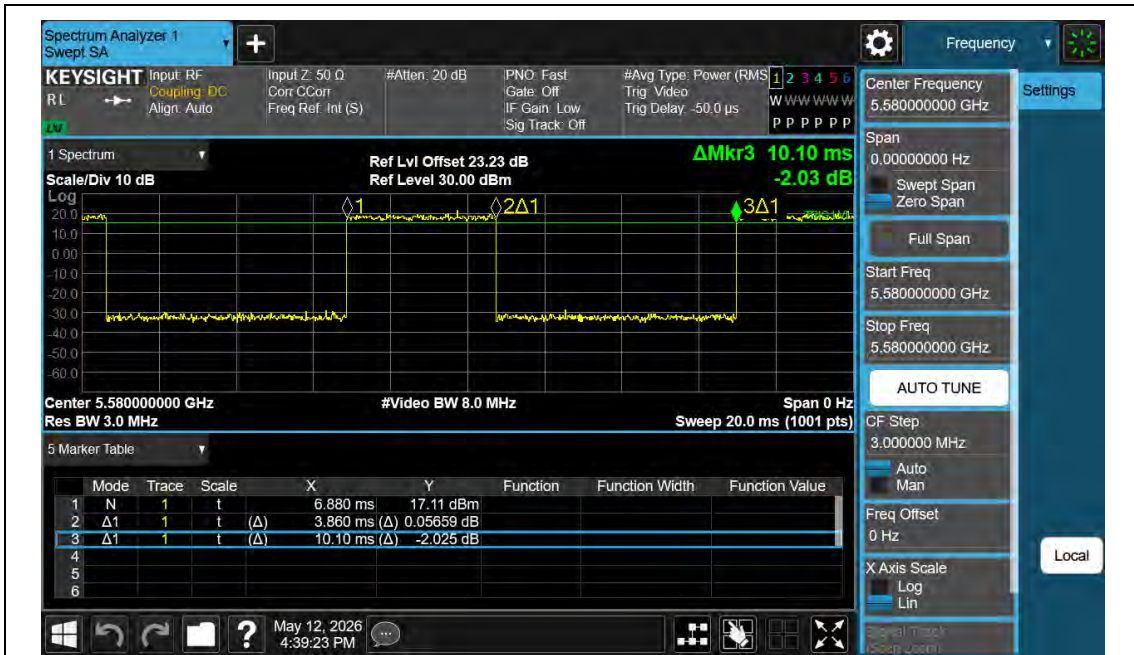
NTNV-11AX20SISO-Ant1-5320



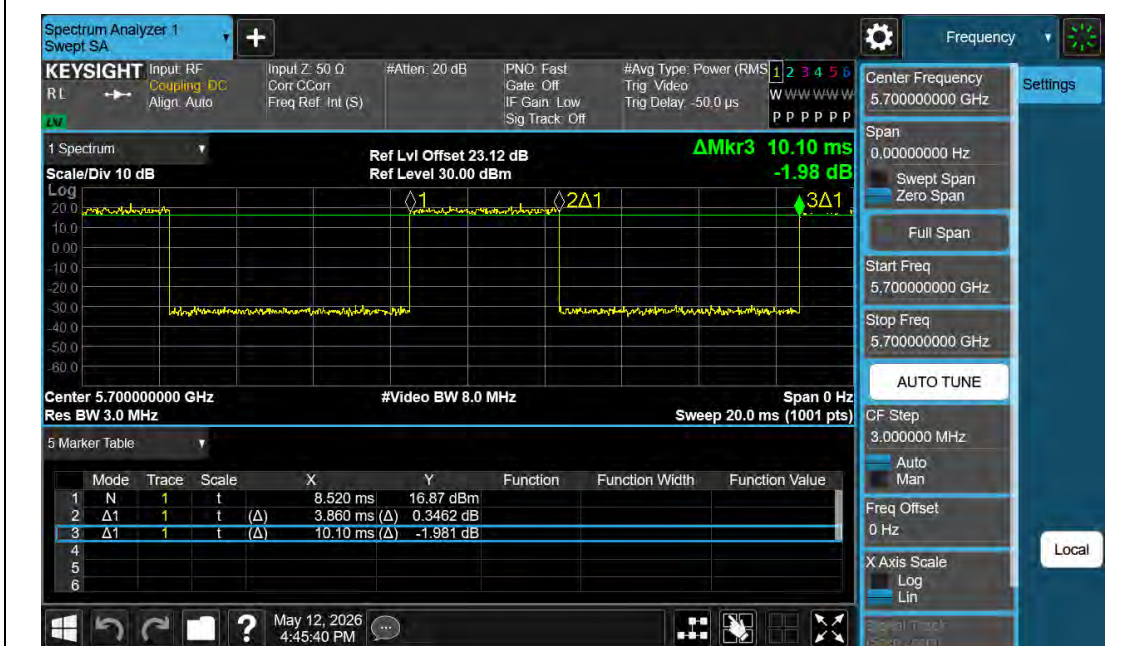
NTNV-11AX20SISO-Ant1-5500



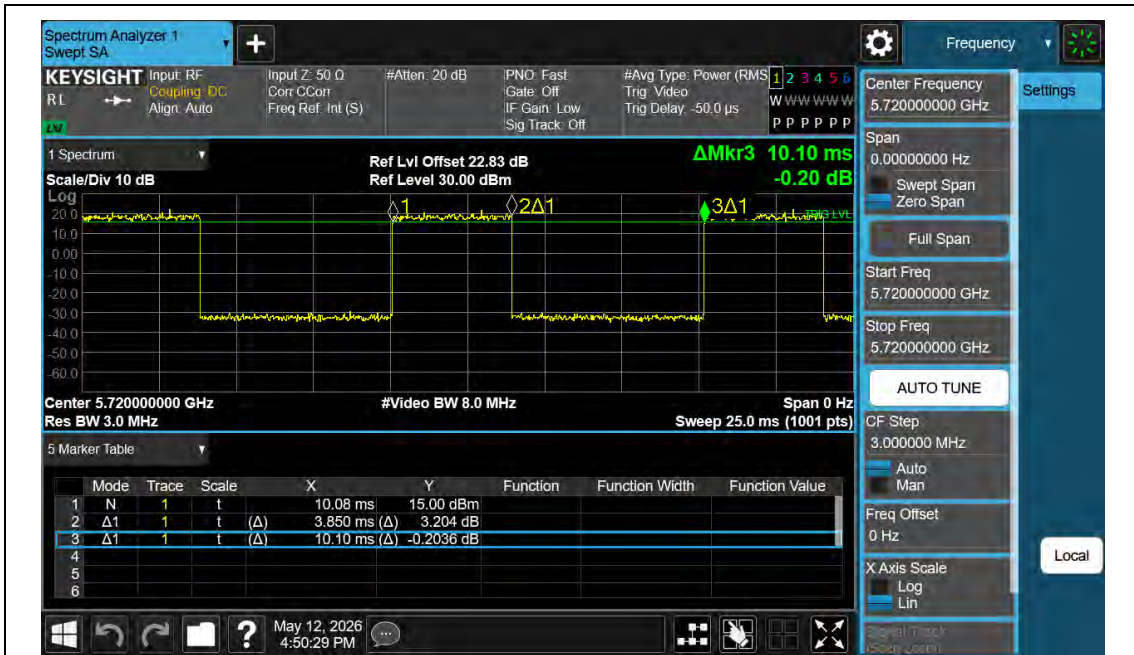
NTNV-11AX20SISO-Ant1-5580



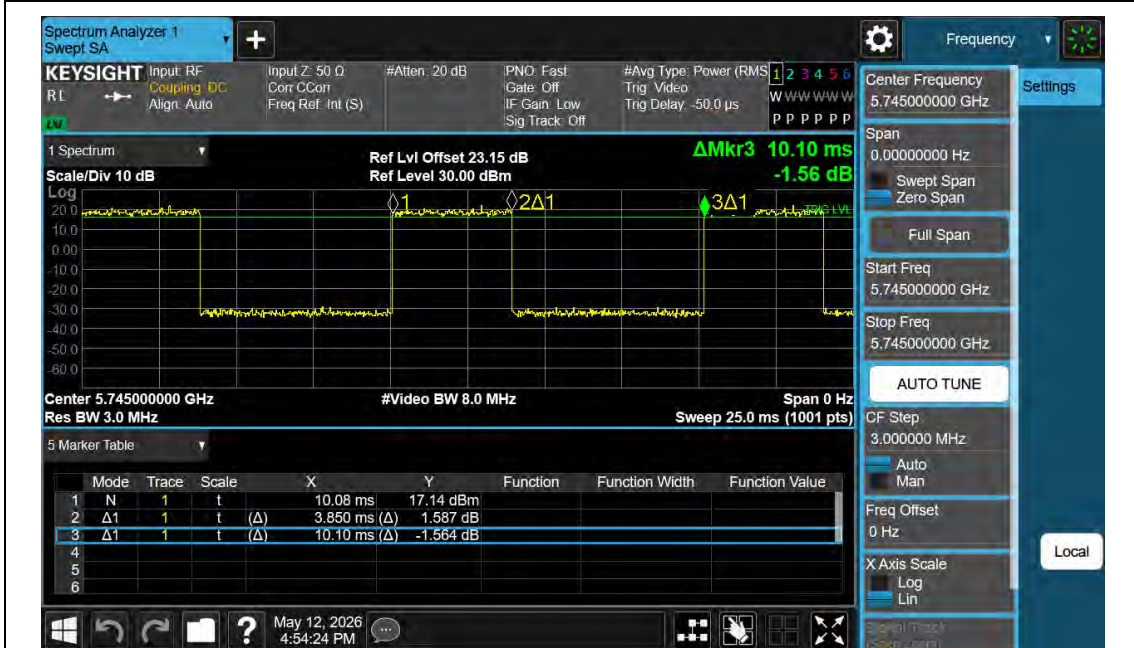
NTNV-11AX20SISO-Ant1-5700



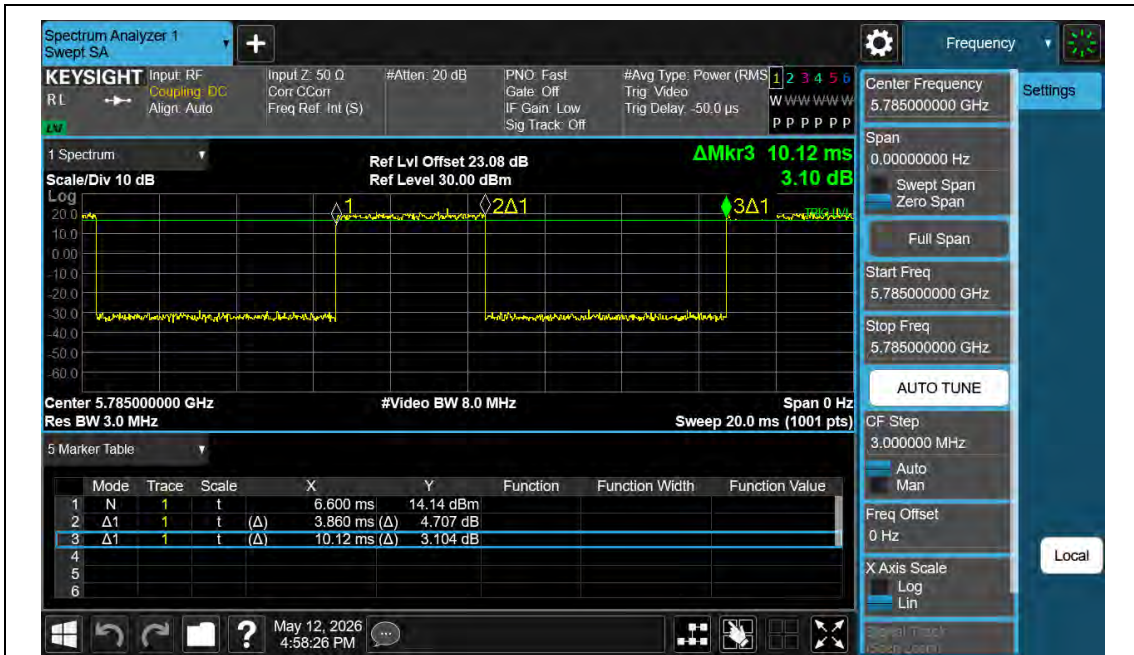
NTNV-11AX20SISO-Ant1-5720



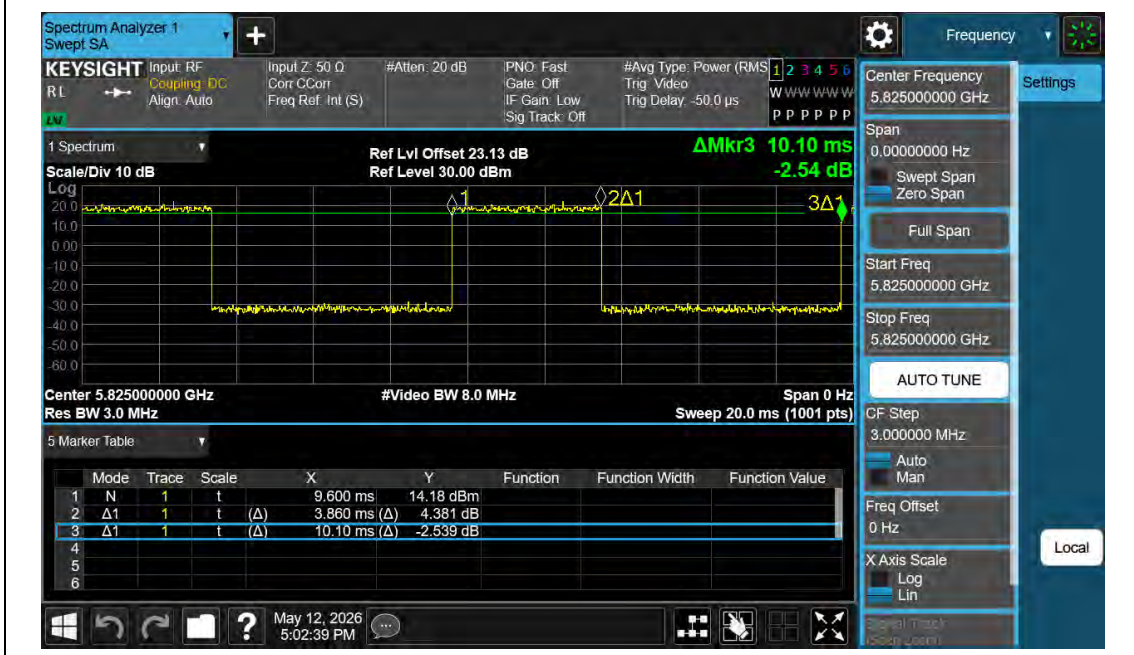
NTNV-11AX20SISO-Ant1-5745



NTNV-11AX20SISO-Ant1-5785



NTNV-11AX20SISO-Ant1-5825



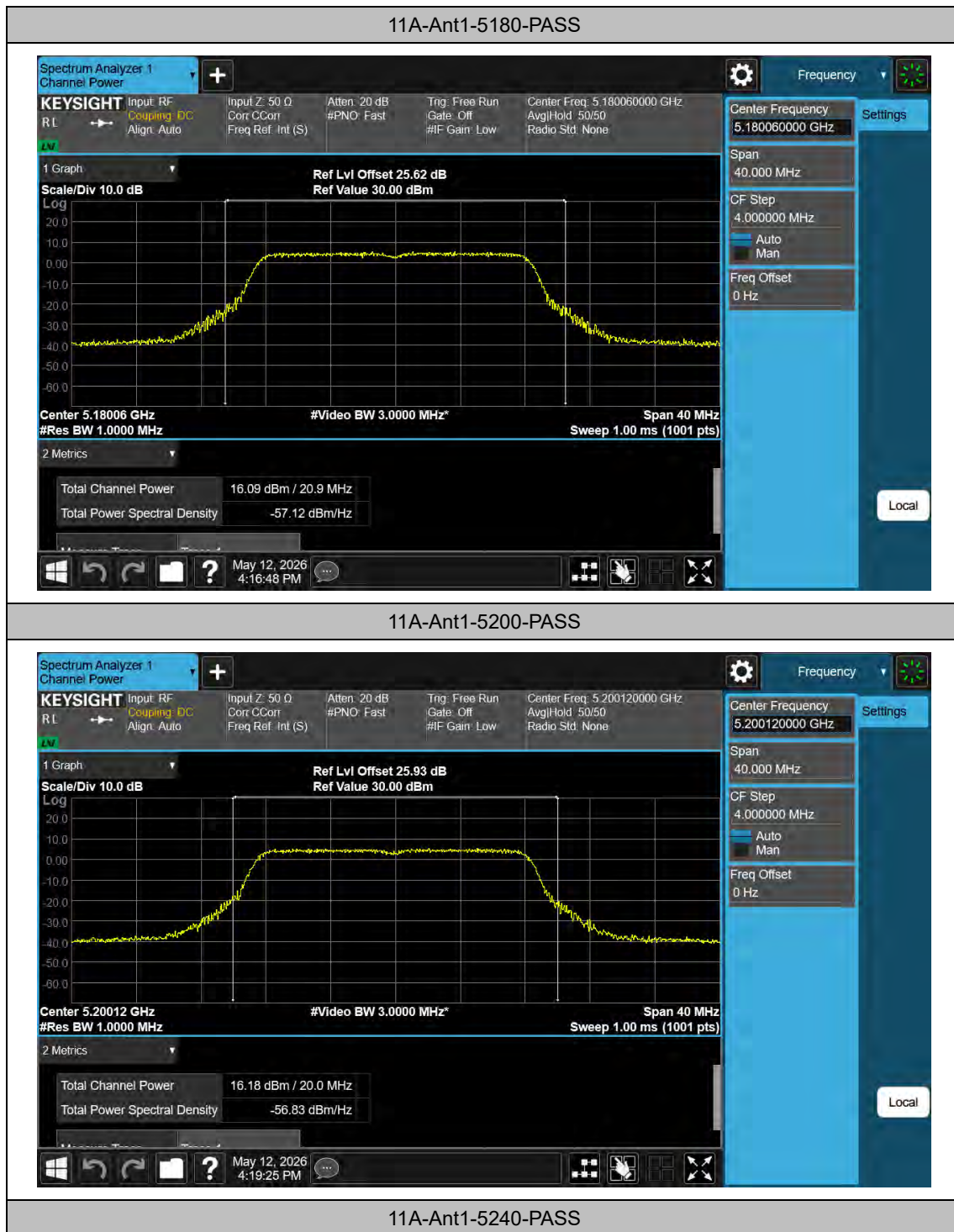
Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	13.43	54.26	2.66	16.09	≤23.98	PASS
11A	Ant1	5200	13.53	54.35	2.65	16.18	≤23.98	PASS
11A	Ant1	5240	13.03	54.26	2.66	15.69	≤23.98	PASS
11A	Ant1	5260	16.81	54.29	2.65	19.46	≤23.98	PASS
11A	Ant1	5300	17.12	54.46	2.64	19.76	≤23.98	PASS
11A	Ant1	5320	16.63	54.35	2.65	19.28	≤23.98	PASS
11A	Ant1	5500	16.31	54.26	2.66	18.97	≤23.98	PASS
11A	Ant1	5580	15.90	54.35	2.65	18.55	≤23.98	PASS
11A	Ant1	5700	16.96	54.46	2.64	19.60	≤23.98	PASS
11A	Ant1	5720_UN II-2C	15.56	54.46	2.64	18.20	≤22.81	PASS
11A	Ant1	5720_UN II-3	5.26	54.46	2.64	7.90	≤30.00	PASS
11A	Ant1	5745	17.84	54.16	2.66	20.50	≤30.00	PASS
11A	Ant1	5785	17.78	54.29	2.65	20.43	≤30.00	PASS
11A	Ant1	5825	17.30	54.46	2.64	19.94	≤30.00	PASS
11AX20SISO	Ant1	5180	11.08	38.32	4.17	15.25	≤23.98	PASS
11AX20SISO	Ant1	5200	12.97	38.14	4.19	17.16	≤23.98	PASS
11AX20SISO	Ant1	5240	12.34	38.12	4.19	16.53	≤23.98	PASS
11AX20SISO	Ant1	5260	15.40	38.22	4.18	19.58	≤23.98	PASS
11AX20SISO	Ant1	5300	14.97	38.12	4.19	19.16	≤23.98	PASS
11AX20SISO	Ant1	5320	14.88	38.30	4.17	19.05	≤23.98	PASS
11AX20SISO	Ant1	5500	14.34	38.14	4.19	18.53	≤23.98	PASS
11AX20SISO	Ant1	5580	14.85	38.22	4.18	19.03	≤23.98	PASS
11AX20SISO	Ant1	5700	14.63	38.22	4.18	18.81	≤23.98	PASS
11AX20SISO	Ant1	5720_UN II-2C	13.88	38.12	4.19	18.07	≤23.05	PASS
11AX20SISO	Ant1	5720_UN II-3	4.04	38.12	4.19	8.23	≤30.00	PASS
11AX20SISO	Ant1	5745	15.76	38.12	4.19	19.95	≤30.00	PASS
11AX20SISO	Ant1	5785	15.98	38.14	4.19	20.17	≤30.00	PASS
11AX20SISO	Ant1	5825	15.21	38.22	4.18	19.39	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power





11A-Ant1-5260-PASS



11A-Ant1-5300-PASS



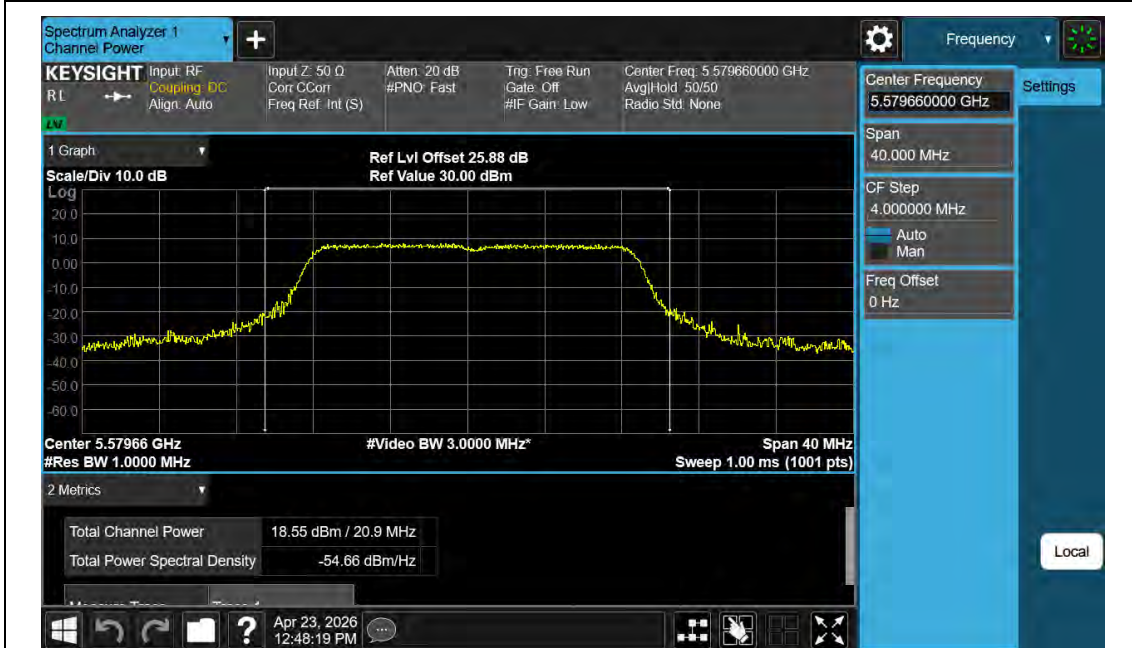
11A-Ant1-5320-PASS



11A-Ant1-5500-PASS



11A-Ant1-5580-PASS



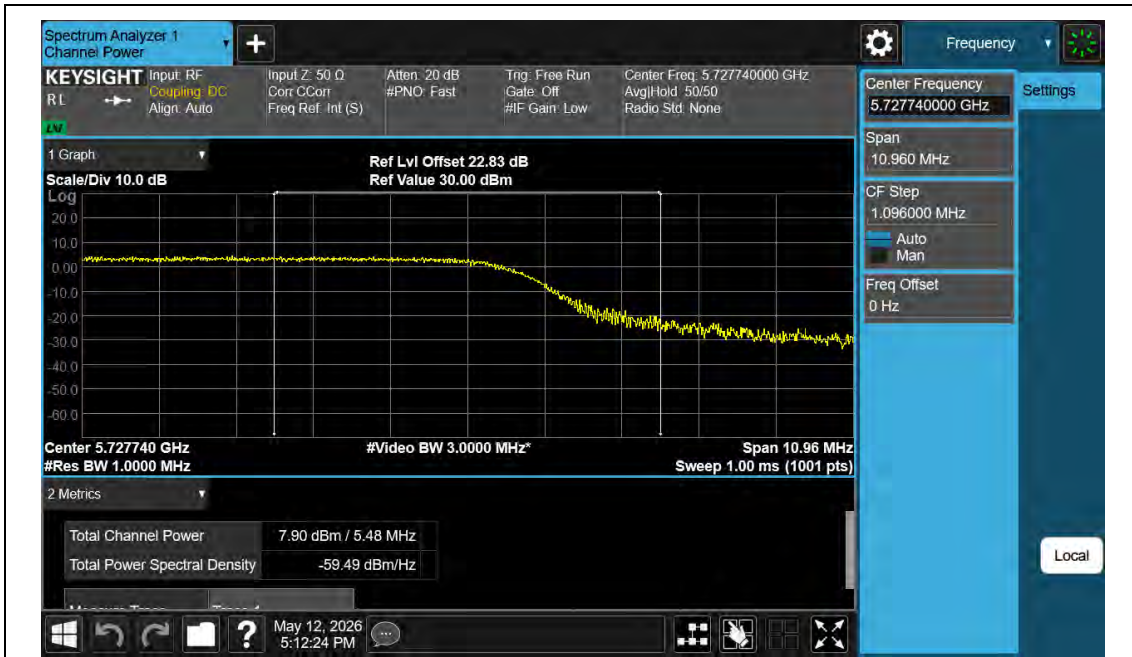
11A-Ant1-5700-PASS



11A-Ant1-5720_UNII-2C-PASS



11A-Ant1-5720_UNII-3-PASS



11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



11AX20SISO-Ant1-5180-PASS



11AX20SISO-Ant1-5200-PASS



11AX20SISO-Ant1-5240-PASS



11AX20SISO-Ant1-5260-PASS



11AX20SISO-Ant1-5300-PASS



11AX20SISO-Ant1-5320-PASS



11AX20SISO-Ant1-5500-PASS



11AX20SISO-Ant1-5580-PASS



11AX20SISO-Ant1-5700-PASS



11AX20SISO-Ant1-5720_UNII-2C-PASS



11AX20SISO-Ant1-5720_UNII-3-PASS



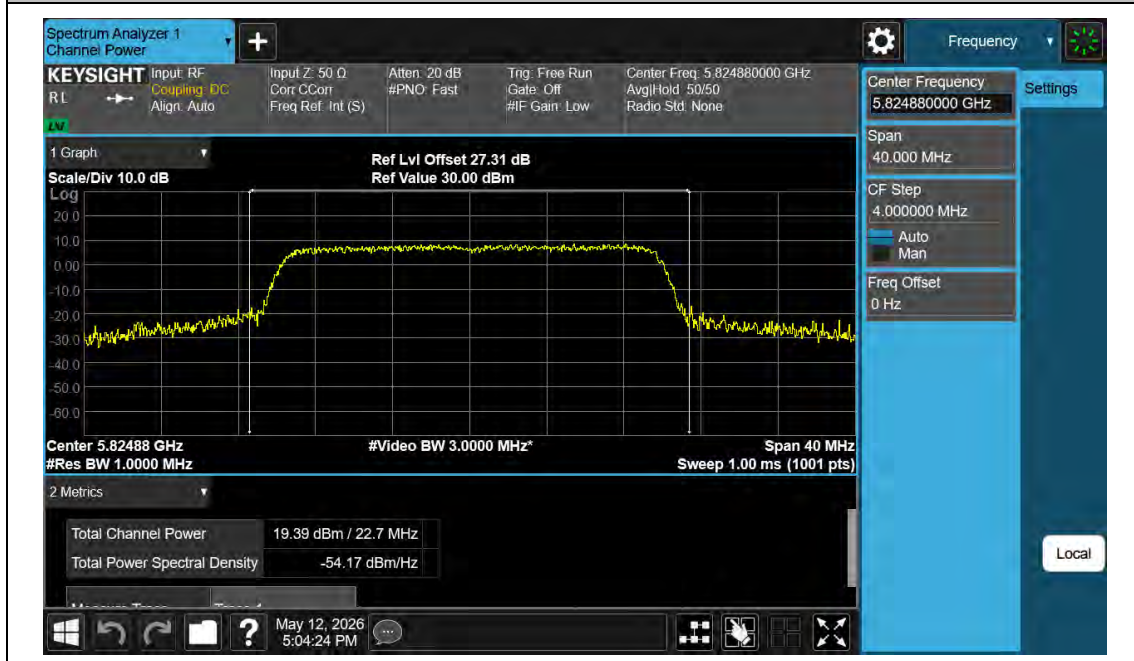
11AX20SISO-Ant1-5745-PASS



11AX20SISO-Ant1-5785-PASS



11AX20SISO-Ant1-5825-PASS



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	5.52	≤11.00	PASS
11A	Ant1	5200	5.41	≤11.00	PASS
11A	Ant1	5240	4.64	≤11.00	PASS
11A	Ant1	5260	8.27	≤11.00	PASS
11A	Ant1	5300	8.24	≤11.00	PASS
11A	Ant1	5320	8.10	≤11.00	PASS
11A	Ant1	5500	7.83	≤11.00	PASS
11A	Ant1	5580	7.71	≤11.00	PASS
11A	Ant1	5700	7.65	≤11.00	PASS
11A	Ant1	5720_UNII-2C	7.13	≤11.00	PASS
11A	Ant1	5720_UNII-3	3.73	≤30.00	PASS
11A	Ant1	5745	5.75	≤30.00	PASS
11A	Ant1	5785	5.73	≤30.00	PASS
11A	Ant1	5825	6.52	≤30.00	PASS
11AX20SISO	Ant1	5180	4.86	≤11.00	PASS
11AX20SISO	Ant1	5200	5.51	≤11.00	PASS
11AX20SISO	Ant1	5240	4.59	≤11.00	PASS
11AX20SISO	Ant1	5260	7.77	≤11.00	PASS
11AX20SISO	Ant1	5300	7.41	≤11.00	PASS
11AX20SISO	Ant1	5320	7.49	≤11.00	PASS
11AX20SISO	Ant1	5500	7.41	≤11.00	PASS
11AX20SISO	Ant1	5580	7.10	≤11.00	PASS
11AX20SISO	Ant1	5700	7.72	≤11.00	PASS
11AX20SISO	Ant1	5720_UNII-2C	6.92	≤11.00	PASS
11AX20SISO	Ant1	5720_UNII-3	3.62	≤30.00	PASS
11AX20SISO	Ant1	5745	5.07	≤30.00	PASS
11AX20SISO	Ant1	5785	5.12	≤30.00	PASS
11AX20SISO	Ant1	5825	5.50	≤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-Ant1-5180-PASS



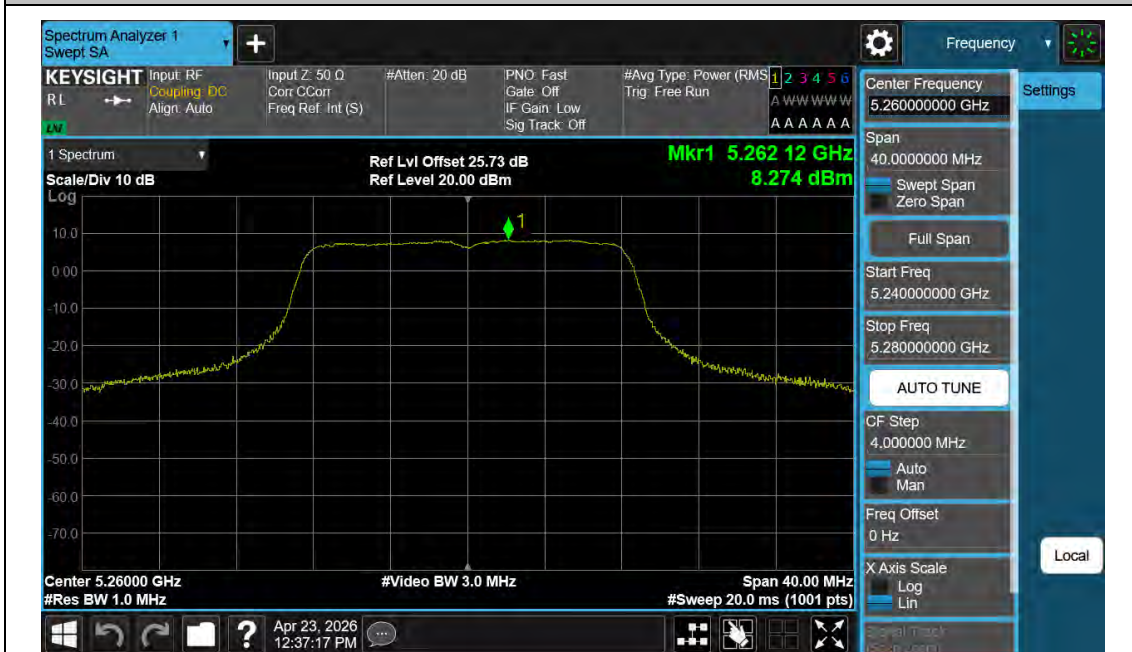
11A-Ant1-5200-PASS



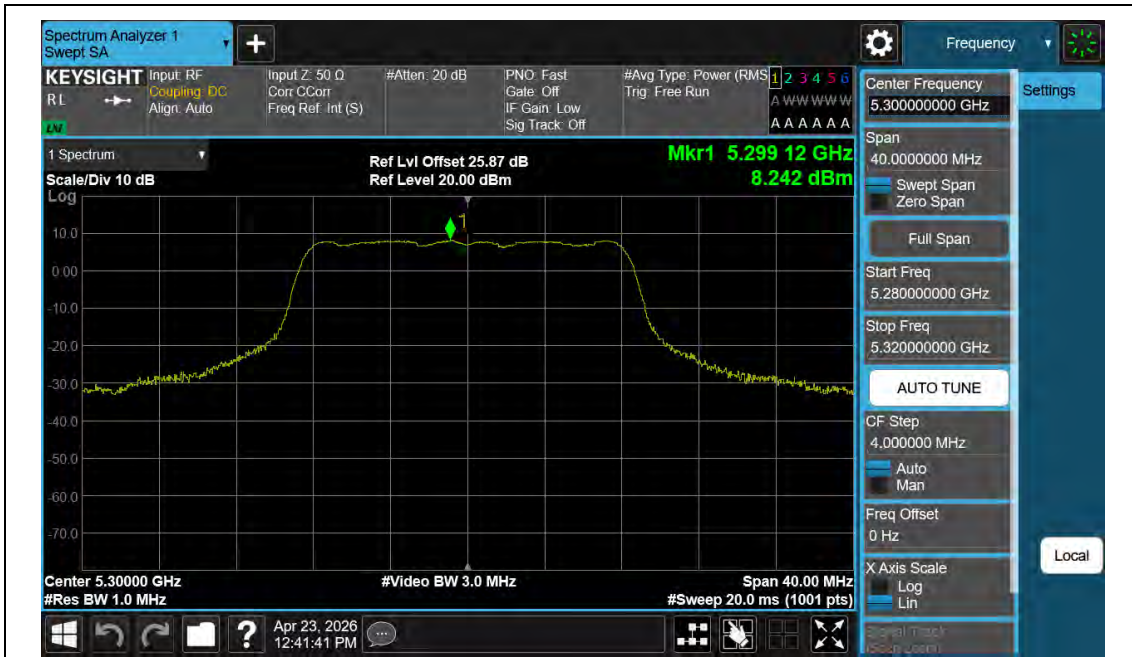
11A-Ant1-5240-PASS



11A-Ant1-5260-PASS



11A-Ant1-5300-PASS



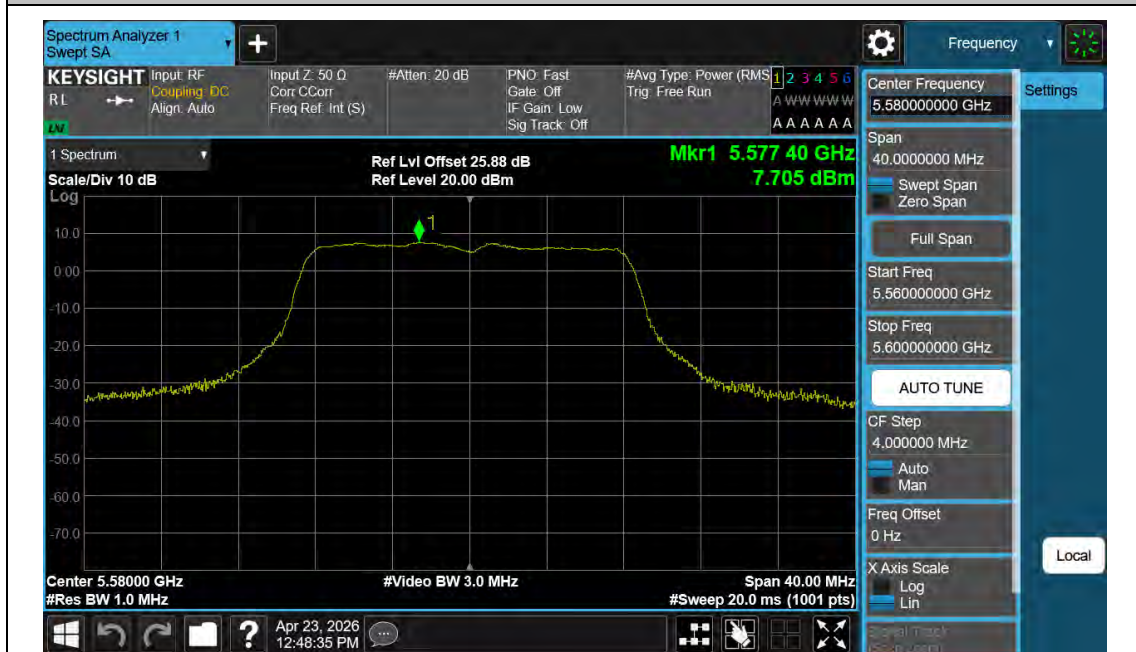
11A-Ant1-5320-PASS



11A-Ant1-5500-PASS



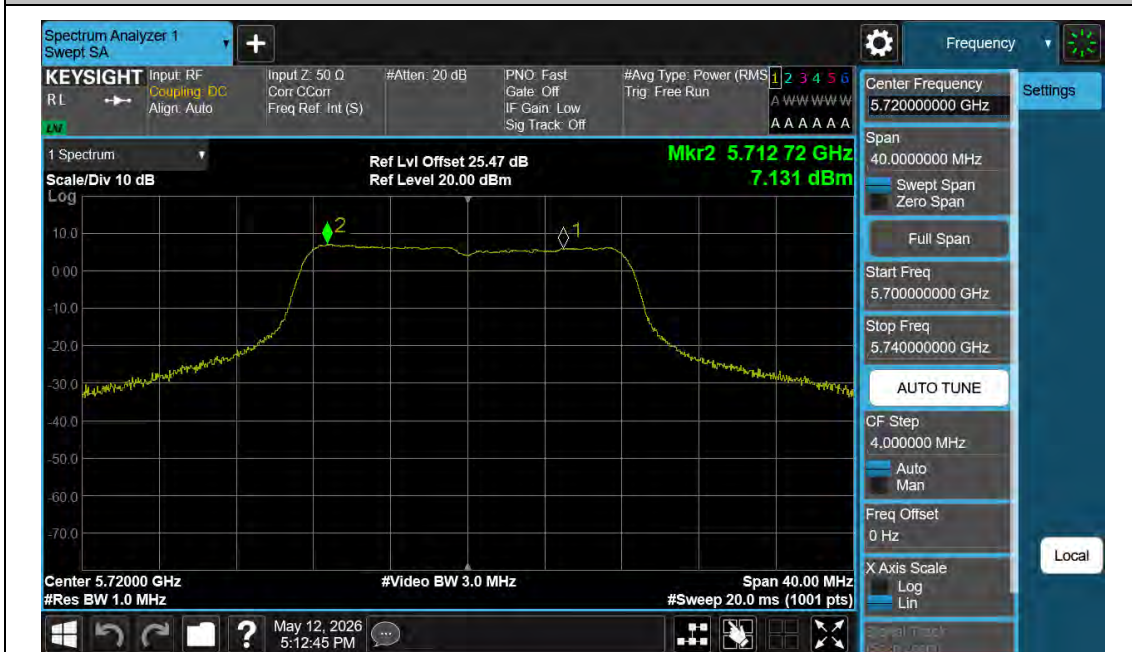
11A-Ant1-5580-PASS



11A-Ant1-5700-PASS



11A-Ant1-5720_UNII-2C-PASS



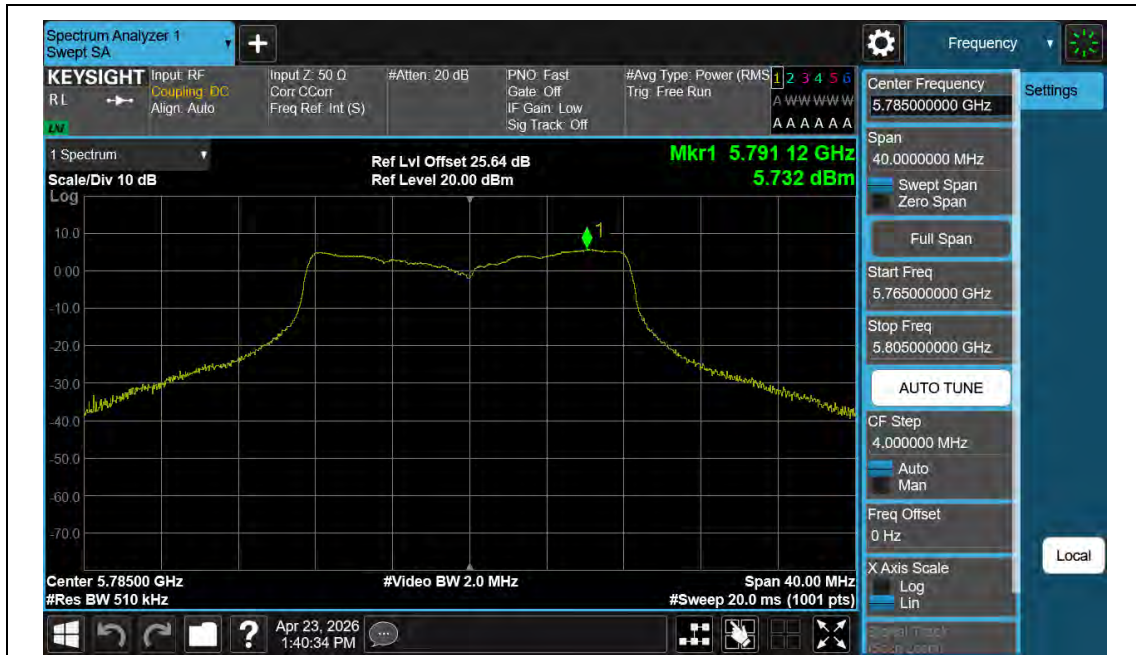
11A-Ant1-5720_UNII-3-PASS



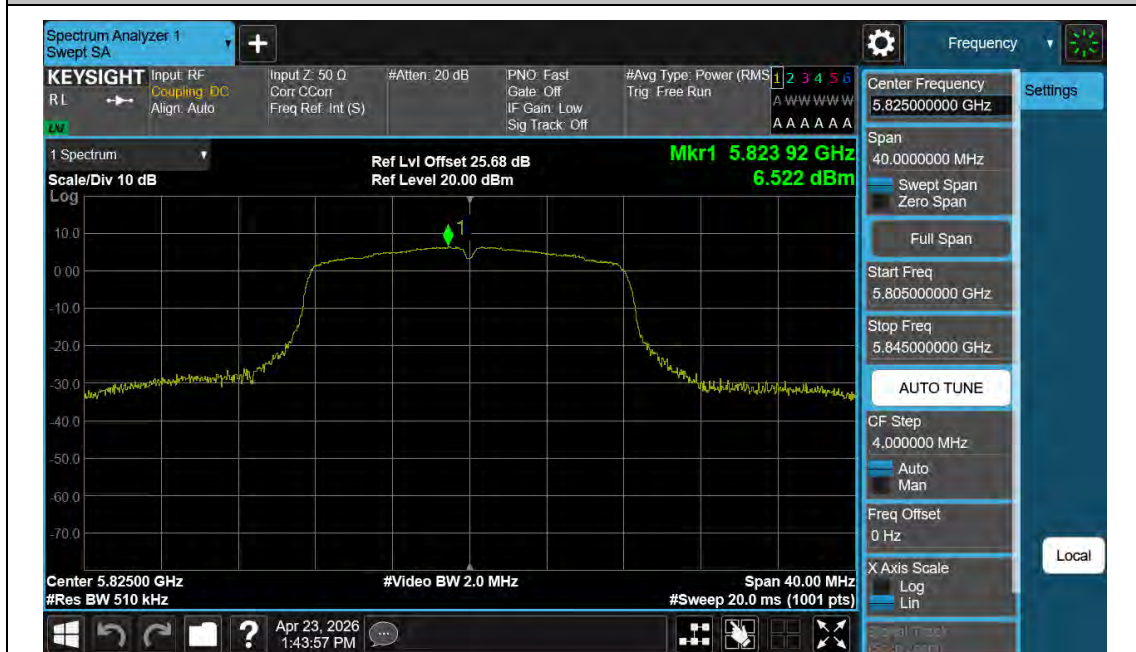
11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



11AX20SISO-Ant1-5180-PASS



11AX20SISO-Ant1-5200-PASS



11AX20SISO-Ant1-5240-PASS



11AX20SISO-Ant1-5260-PASS



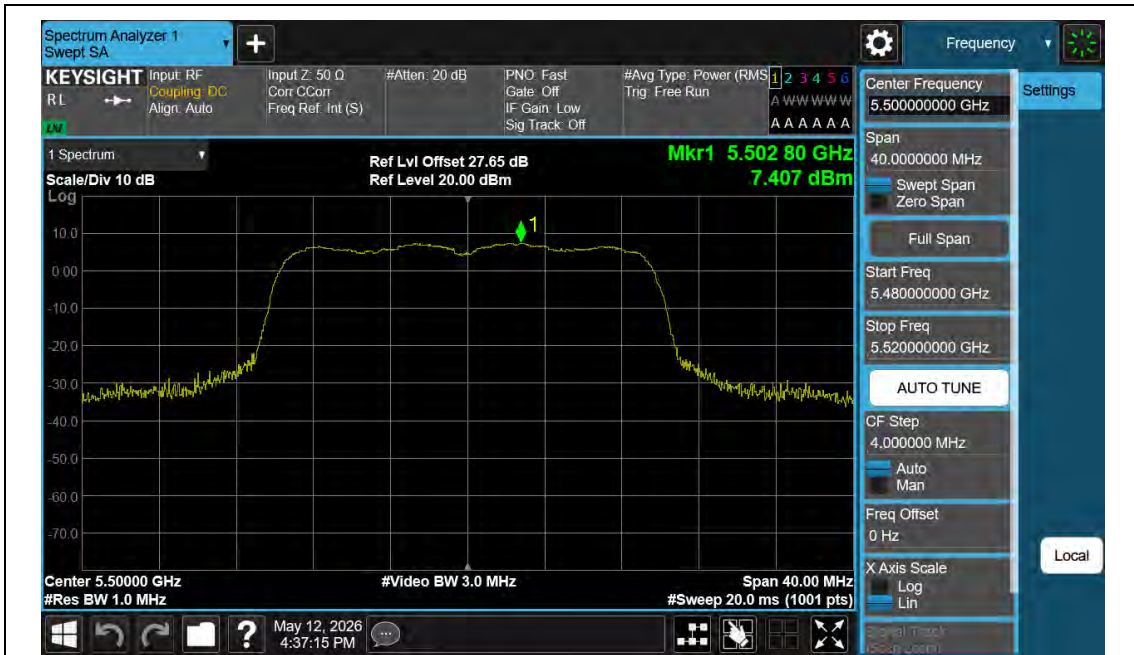
11AX20SISO-Ant1-5300-PASS



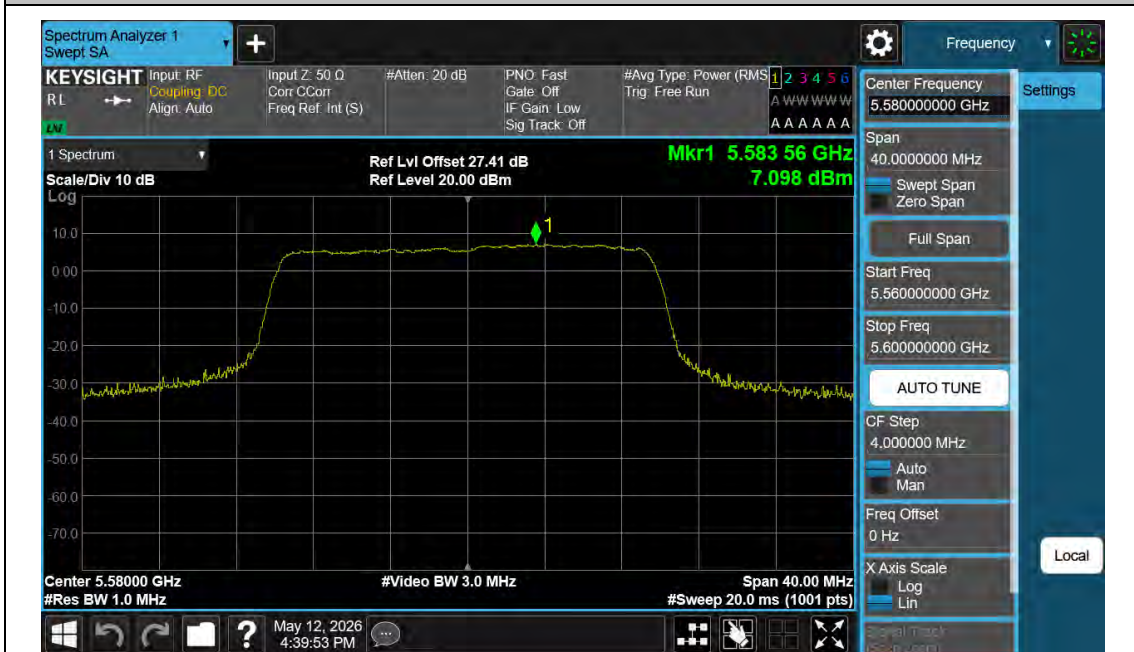
11AX20SISO-Ant1-5320-PASS



11AX20SISO-Ant1-5500-PASS



11AX20SISO-Ant1-5580-PASS



11AX20SISO-Ant1-5700-PASS



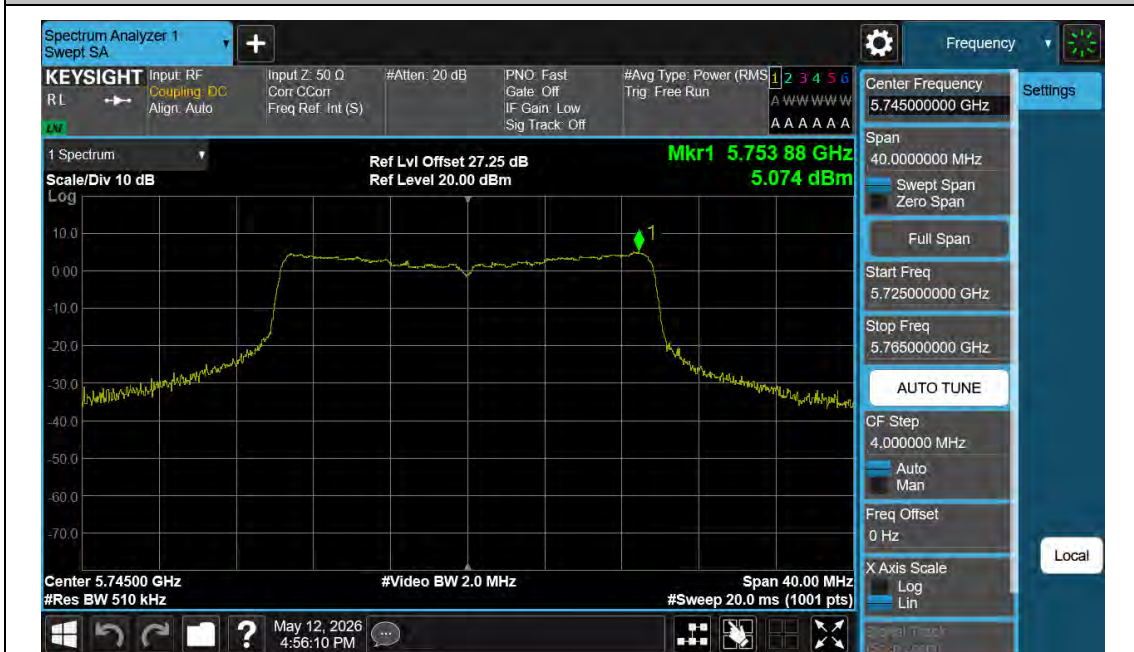
11AX20SISO-Ant1-5720_UNII-2C-PASS



11AX20SISO-Ant1-5720_UNII-3-PASS



11AX20SISO-Ant1-5745-PASS



11AX20SISO-Ant1-5785-PASS



11AX20SISO-Ant1-5825-PASS



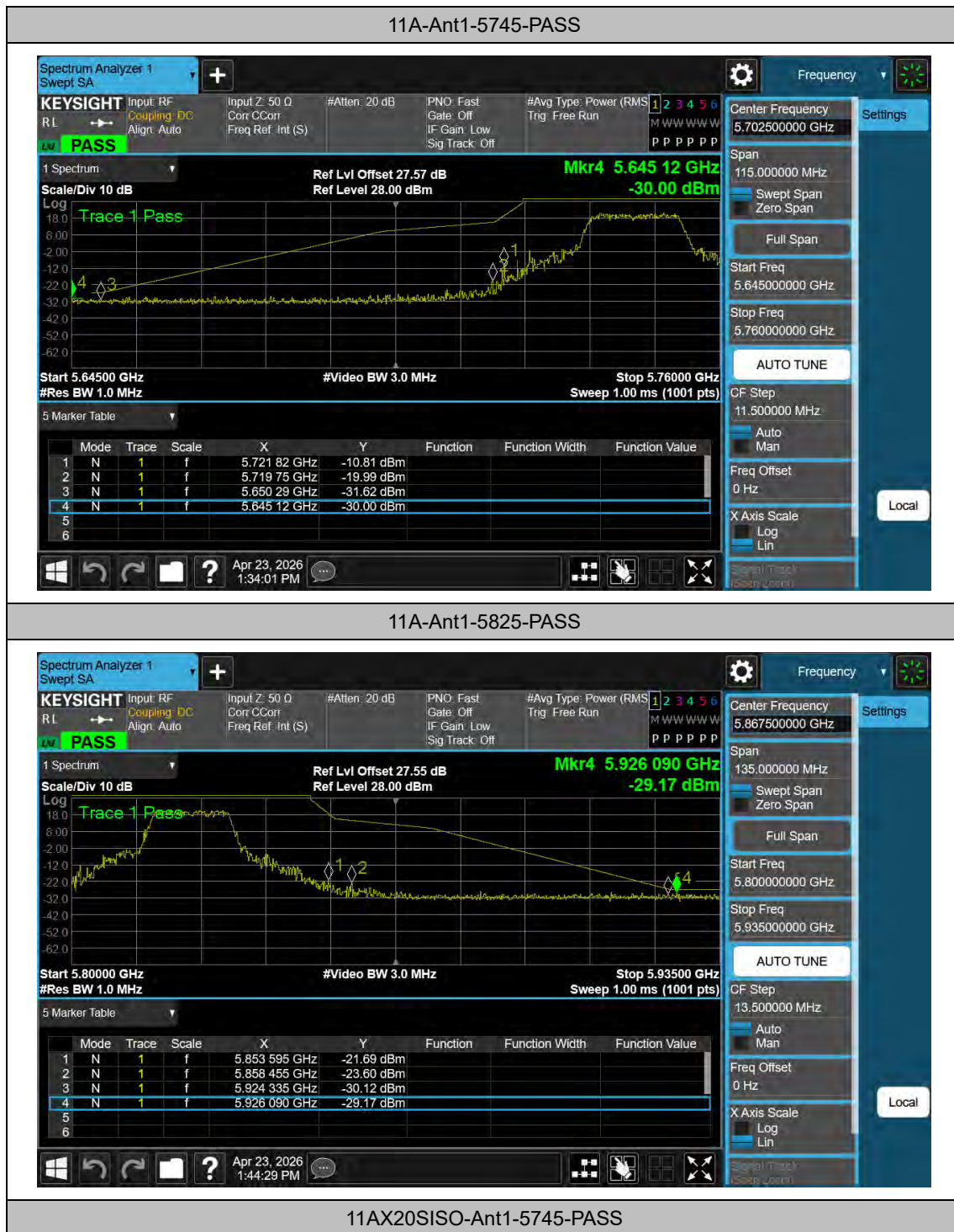
Appendix E: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5720~5725	-10.81	≤19.75	PASS
11A	Ant1	Low	5745	5700~5720	-19.99	≤15.53	PASS
11A	Ant1	Low	5745	5650~5700	-31.62	≤-26.79	PASS
11A	Ant1	Low	5745	5760~5650	-30	≤-27	PASS
11A	Ant1	High	5825	5850~5855	-21.69	≤18.80	PASS
11A	Ant1	High	5825	5855~5875	-23.6	≤14.63	PASS
11A	Ant1	High	5825	5875~5925	-30.12	≤-26.51	PASS
11A	Ant1	High	5825	5925~5935	-29.17	≤-27	PASS
11AX20SISO	Ant1	Low	5745	5720~5725	-11	≤18.44	PASS
11AX20SISO	Ant1	Low	5745	5700~5720	-18.29	≤13.44	PASS
11AX20SISO	Ant1	Low	5745	5650~5700	-31.49	≤-26.70	PASS
11AX20SISO	Ant1	Low	5745	5760~5650	-30.68	≤-27	PASS
11AX20SISO	Ant1	High	5825	5850~5855	-12.32	≤25.58	PASS
11AX20SISO	Ant1	High	5825	5855~5875	-19.23	≤14.22	PASS
11AX20SISO	Ant1	High	5825	5875~5925	-30.79	≤-26.21	PASS
11AX20SISO	Ant1	High	5825	5925~5935	-28.88	≤-27	PASS



Test Graphs B4





11AX20SiSO-Ant1-5825-PASS



Appendix F: Frequency Stability

Test Result

TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Test Frequency[MHz]	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	5179.998	-3.861004	20	PASS
11A	Ant1	5180	LV	NT	5179.998	-3.861004	20	PASS
11A	Ant1	5180	HV	NT	5179.998	-3.861004	20	PASS
11A	Ant1	5260	NV	NT	5259.996	-7.604563	20	PASS
11A	Ant1	5260	LV	NT	5259.998	-3.802281	20	PASS
11A	Ant1	5260	HV	NT	5259.996	-7.604563	20	PASS
11A	Ant1	5500	NV	NT	5499.998	-3.636364	20	PASS
11A	Ant1	5500	LV	NT	5499.996	-7.272727	20	PASS
11A	Ant1	5500	HV	NT	5499.998	-3.636364	20	PASS
11A	Ant1	5745	NV	NT	5744.998	-3.481288	20	PASS
11A	Ant1	5745	LV	NT	5744.998	-3.481288	20	PASS
11A	Ant1	5745	HV	NT	5745.000	0.000000	20	PASS

TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Test Frequency[MHz]	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	5179.998	-3.861004	20	PASS
11A	Ant1	5180	NV	-20	5179.996	-7.722008	20	PASS
11A	Ant1	5180	NV	-10	5179.998	-3.861004	20	PASS
11A	Ant1	5180	NV	0	5180.000	0.000000	20	PASS
11A	Ant1	5180	NV	10	5179.996	-7.722008	20	PASS
11A	Ant1	5180	NV	20	5179.998	-3.861004	20	PASS
11A	Ant1	5180	NV	30	5179.998	-3.861004	20	PASS
11A	Ant1	5180	NV	40	5179.996	-7.722008	20	PASS
11A	Ant1	5180	NV	50	5179.998	-3.861004	20	PASS
11A	Ant1	5260	NV	-30	5259.998	-3.802281	20	PASS
11A	Ant1	5260	NV	-20	5259.998	-3.802281	20	PASS
11A	Ant1	5260	NV	-10	5259.998	-3.802281	20	PASS
11A	Ant1	5260	NV	0	5260.000	0.000000	20	PASS
11A	Ant1	5260	NV	10	5259.998	-3.802281	20	PASS
11A	Ant1	5260	NV	20	5259.998	-3.802281	20	PASS
11A	Ant1	5260	NV	30	5259.996	-7.604563	20	PASS
11A	Ant1	5260	NV	40	5259.998	-3.802281	20	PASS
11A	Ant1	5260	NV	50	5259.998	-3.802281	20	PASS
11A	Ant1	5500	NV	-30	5499.998	-3.636364	20	PASS
11A	Ant1	5500	NV	-20	5499.998	-3.636364	20	PASS
11A	Ant1	5500	NV	-10	5499.998	-3.636364	20	PASS
11A	Ant1	5500	NV	0	5500.000	0.000000	20	PASS



11A	Ant1	5500	NV	10	5499.998	-3.636364	20	PASS
11A	Ant1	5500	NV	20	5499.998	-3.636364	20	PASS
11A	Ant1	5500	NV	30	5499.998	-3.636364	20	PASS
11A	Ant1	5500	NV	40	5499.998	-3.636364	20	PASS
11A	Ant1	5500	NV	50	5499.998	-3.636364	20	PASS
11A	Ant1	5745	NV	-30	5744.998	-3.481288	20	PASS
11A	Ant1	5745	NV	-20	5744.996	-6.962576	20	PASS
11A	Ant1	5745	NV	-10	5744.998	-3.481288	20	PASS
11A	Ant1	5745	NV	0	5744.996	-6.962576	20	PASS
11A	Ant1	5745	NV	10	5744.998	-3.481288	20	PASS
11A	Ant1	5745	NV	20	5744.998	-3.481288	20	PASS
11A	Ant1	5745	NV	30	5744.996	-6.962576	20	PASS
11A	Ant1	5745	NV	40	5744.998	-3.481288	20	PASS
11A	Ant1	5745	NV	50	5745.000	0.000000	20	PASS