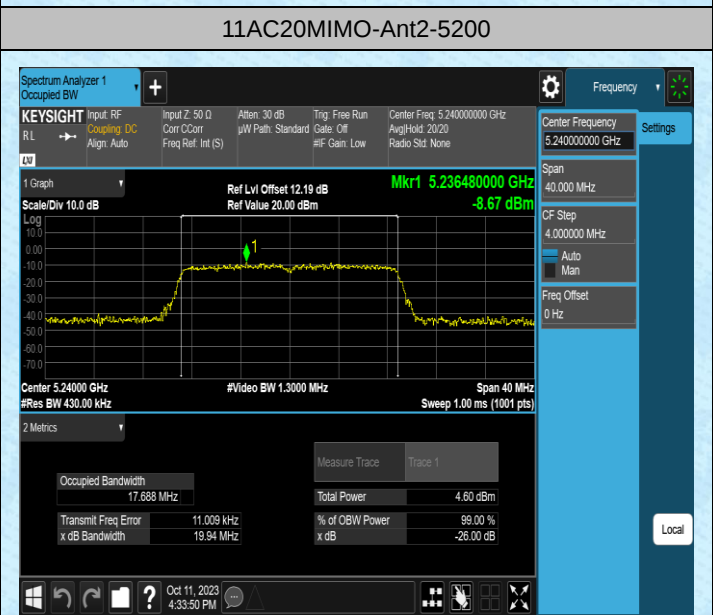
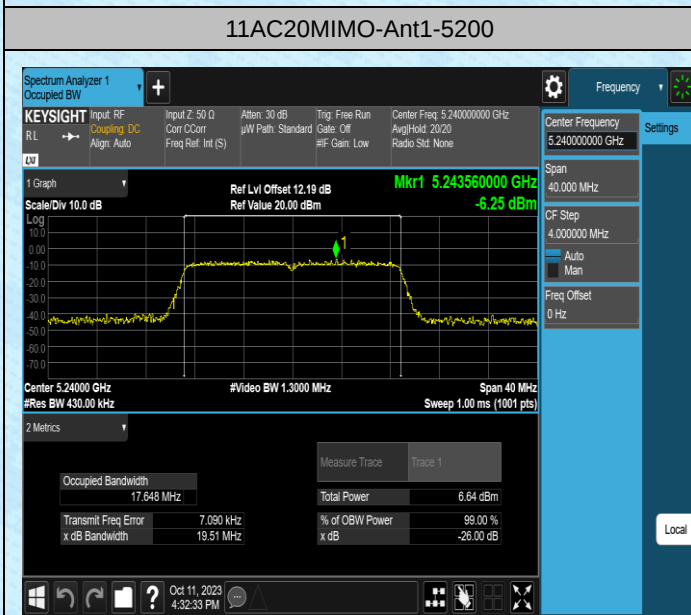
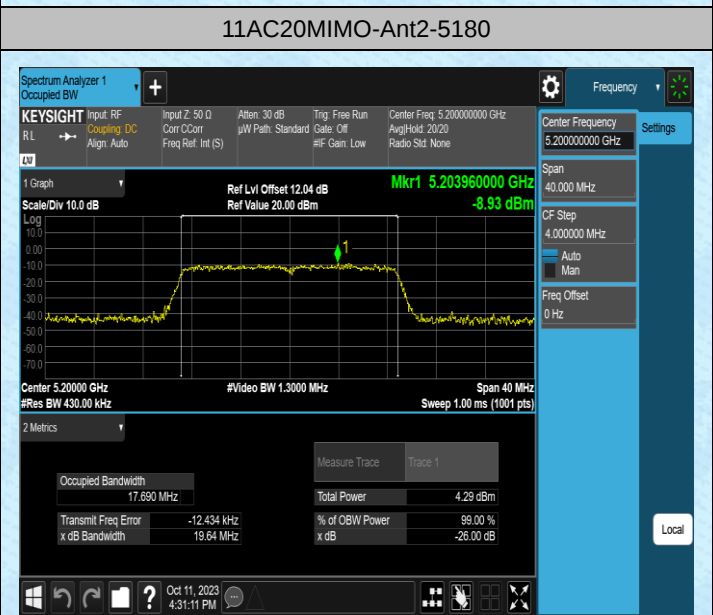
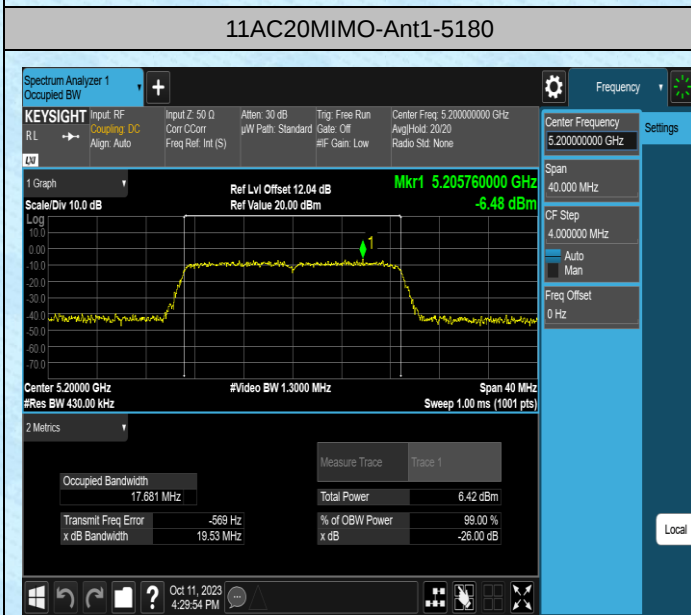
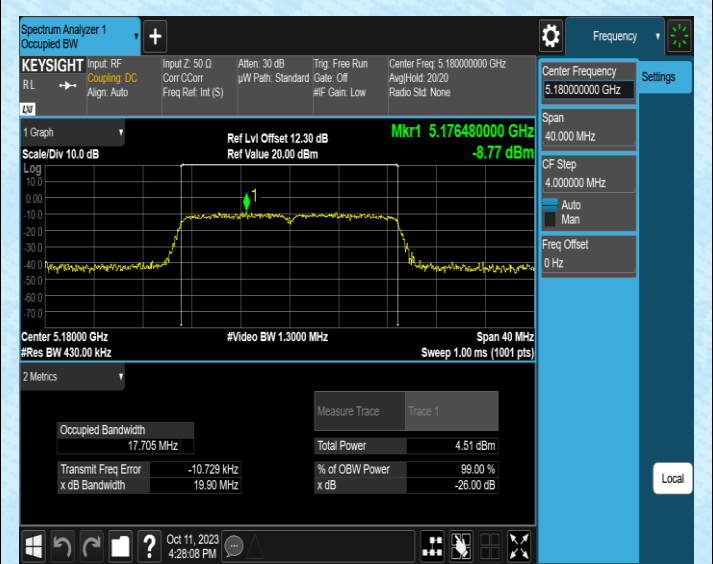
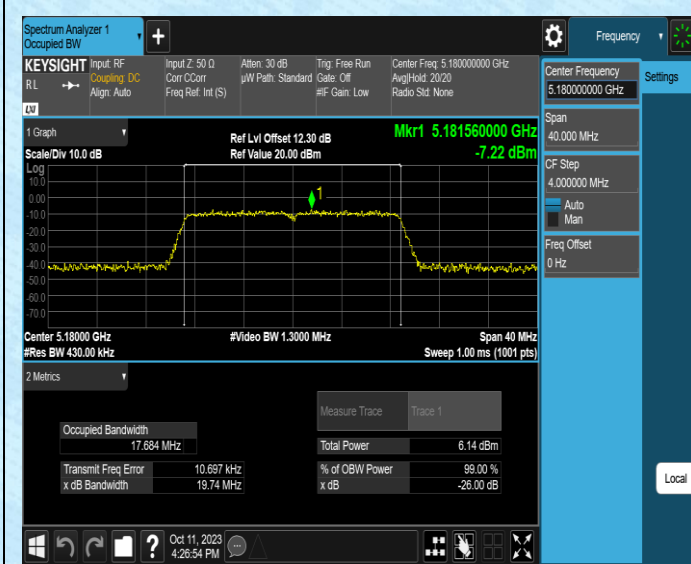


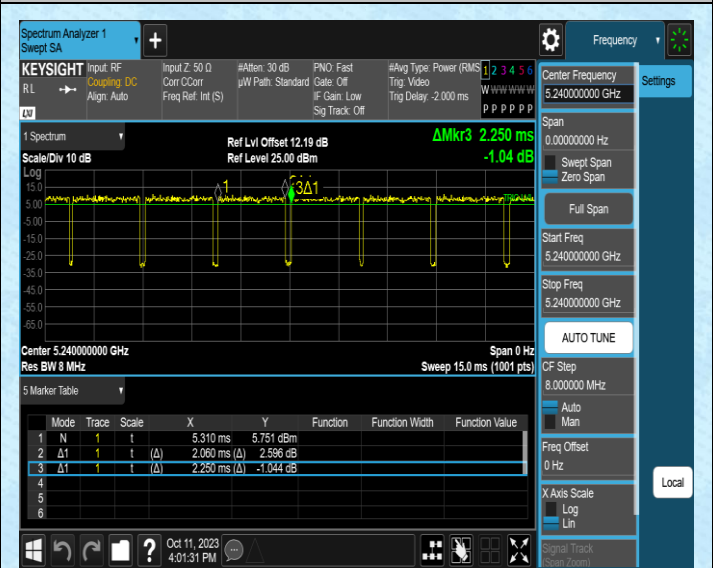
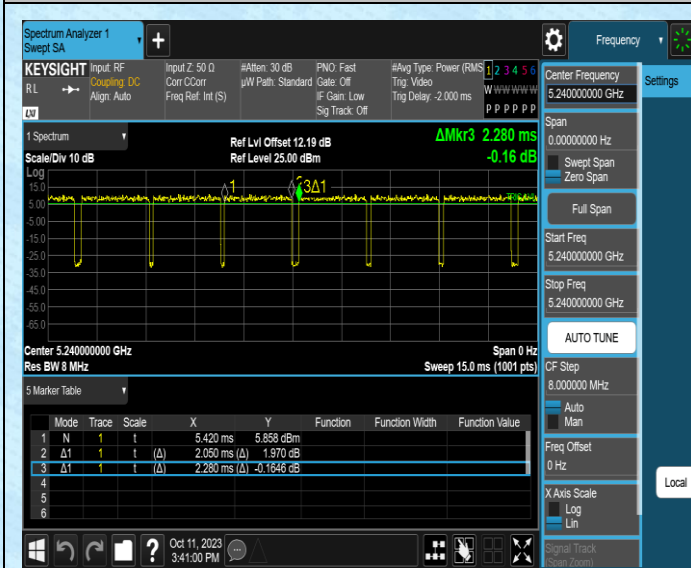
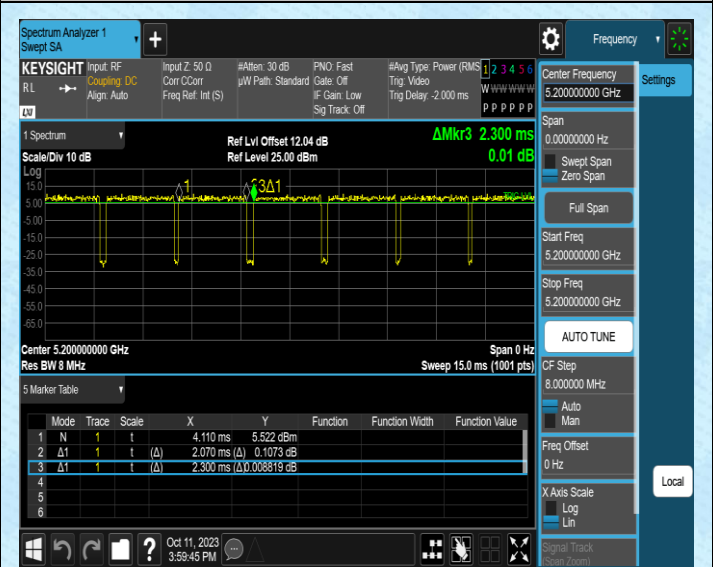
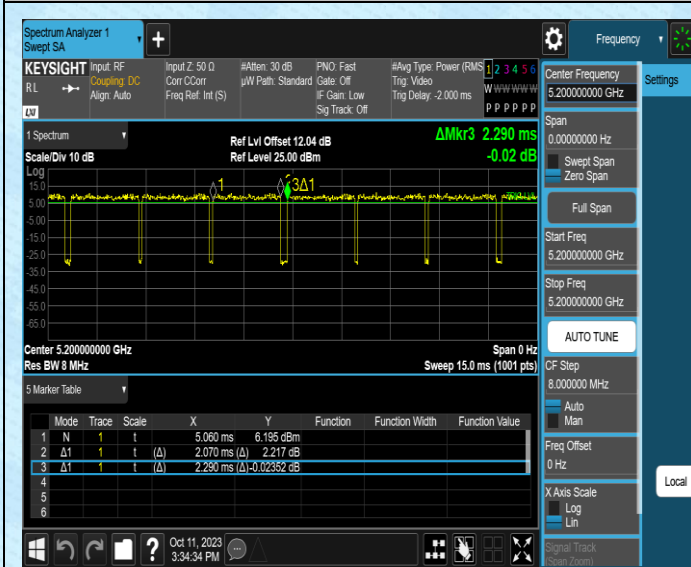
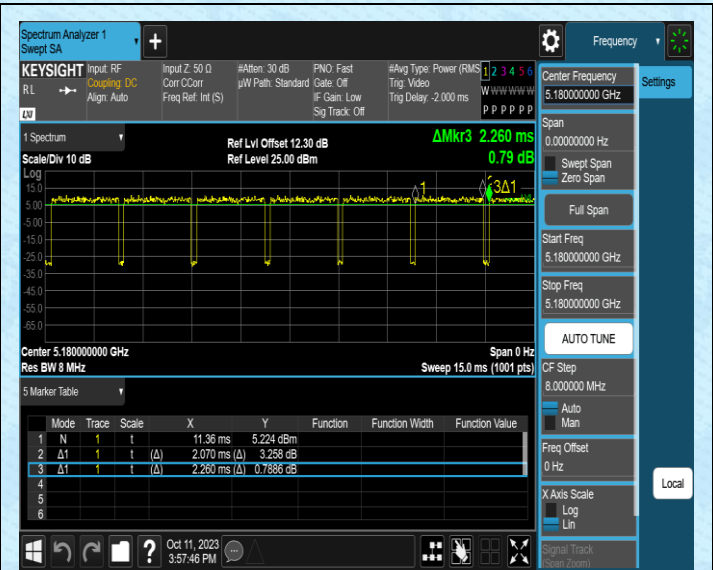
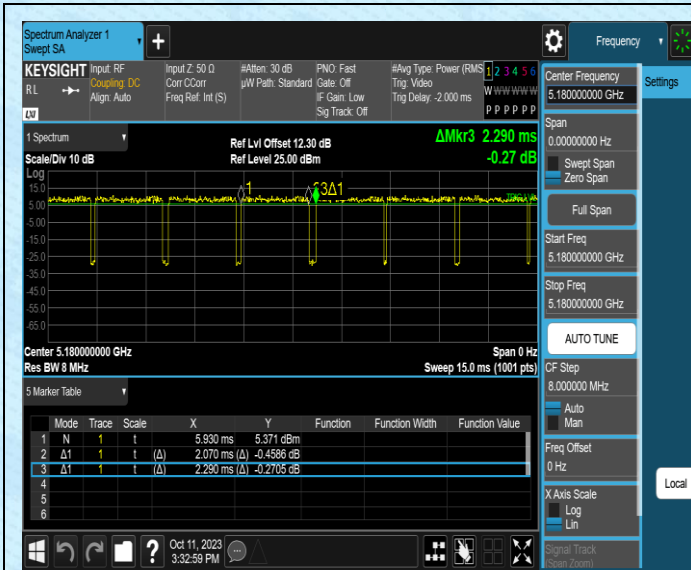


AppendixB: Duty Cycle

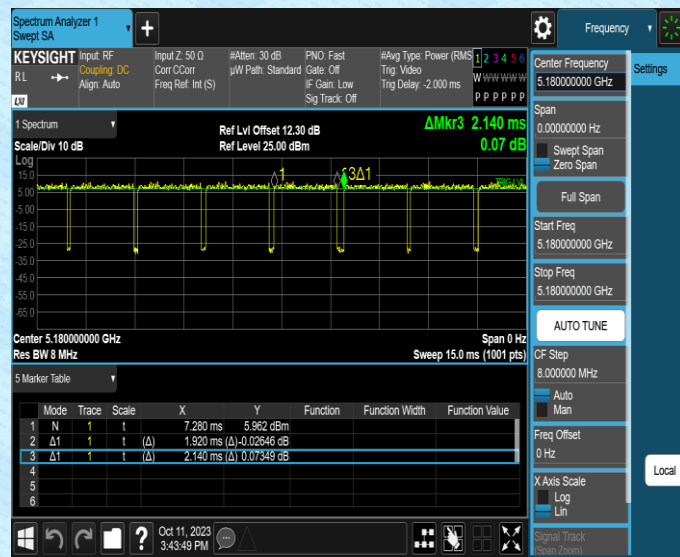
Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.07	2.29	90.39
11A	Ant2	5180	2.07	2.26	91.59
11A	Ant1	5200	2.07	2.29	90.39
11A	Ant2	5200	2.07	2.30	90.00
11A	Ant1	5240	2.05	2.28	89.91
11A	Ant2	5240	2.06	2.25	91.56
11N20SISO	Ant1	5180	1.92	2.14	89.72
11N20SISO	Ant2	5180	1.92	2.12	90.57
11N20SISO	Ant1	5200	1.92	2.13	90.14
11N20SISO	Ant2	5200	1.92	2.11	91.00
11N20SISO	Ant1	5240	1.92	2.12	90.57
11N20SISO	Ant2	5240	1.92	2.15	89.30
11N20MIMO	Ant1	5180	2.07	2.30	90.00
11N20MIMO	Ant2	5180	2.07	2.30	90.00
11N20MIMO	Ant1	5200	2.07	2.30	90.00
11N20MIMO	Ant2	5200	2.06	2.27	90.75
11N20MIMO	Ant1	5240	2.07	2.29	90.39
11N20MIMO	Ant2	5240	2.07	2.30	90.00
11AC20SISO	Ant1	5180	1.92	2.10	91.43
11AC20SISO	Ant2	5180	1.94	2.18	88.99
11AC20SISO	Ant1	5200	1.93	2.16	89.35
11AC20SISO	Ant2	5200	1.94	2.18	88.99
11AC20SISO	Ant1	5240	1.94	2.15	90.23
11AC20SISO	Ant2	5240	1.92	2.16	88.89
11AC20MIMO	Ant1	5180	1.92	2.18	88.07
11AC20MIMO	Ant2	5180	1.93	2.13	90.61
11AC20MIMO	Ant1	5200	1.94	2.18	88.99
11AC20MIMO	Ant2	5200	1.94	2.18	88.99
11AC20MIMO	Ant1	5240	1.93	2.17	88.94
11AC20MIMO	Ant2	5240	1.92	2.16	88.89

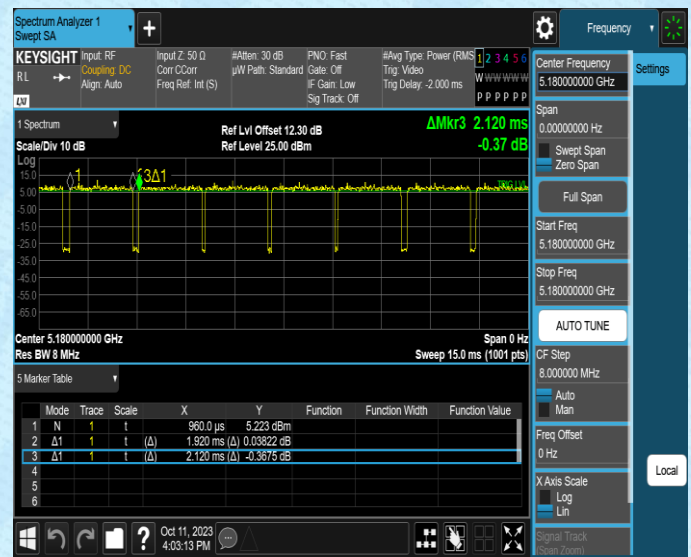
Test Graphs



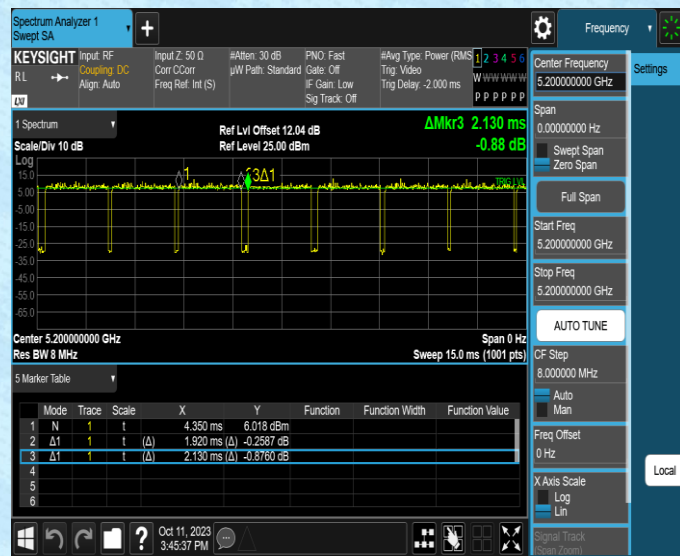
NTNV-11A-Ant1-5240



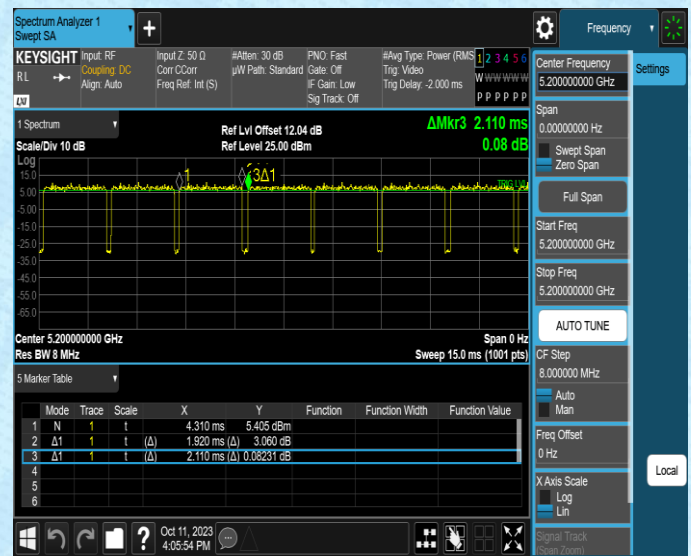
NTNV-11A-Ant2-5240



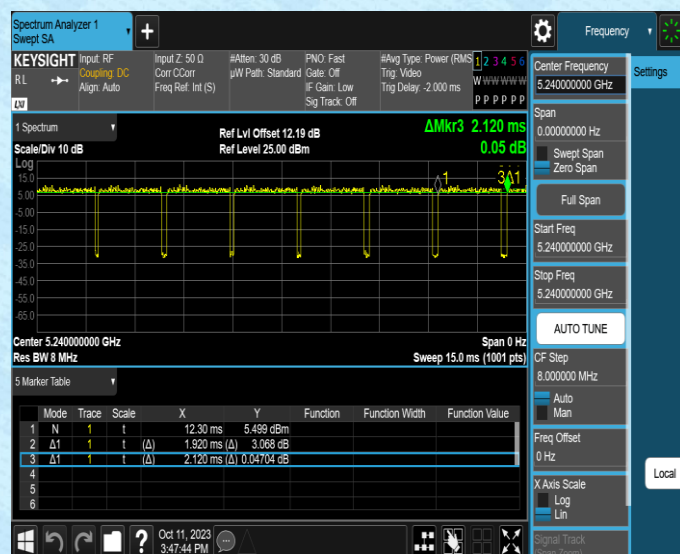
NTNV-11N20SISO-Ant1-5180



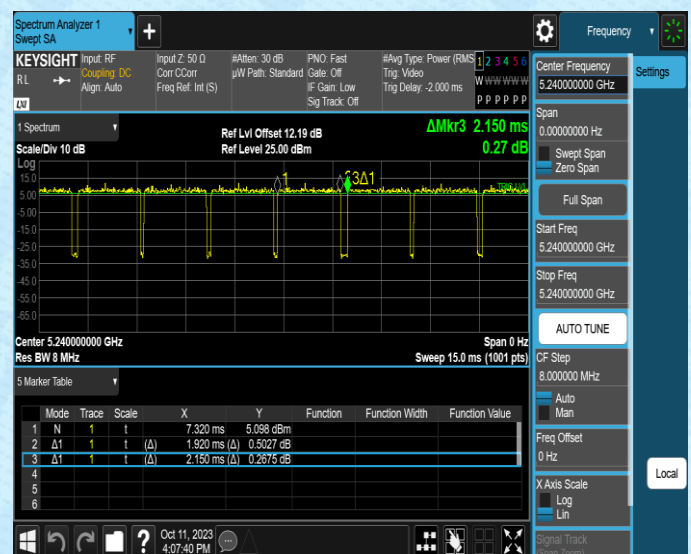
NTNV-11N20SISO-Ant2-5180



NTNV-11N20SISO-Ant1-5200

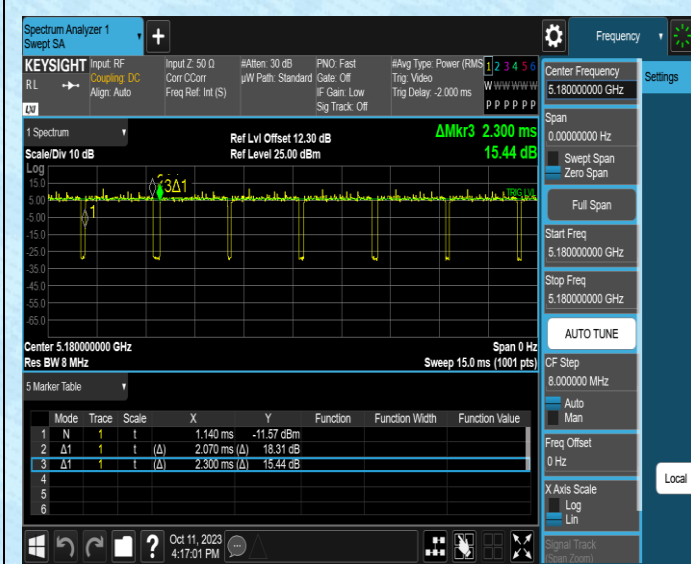


NTNV-11N20SISO-Ant2-5200

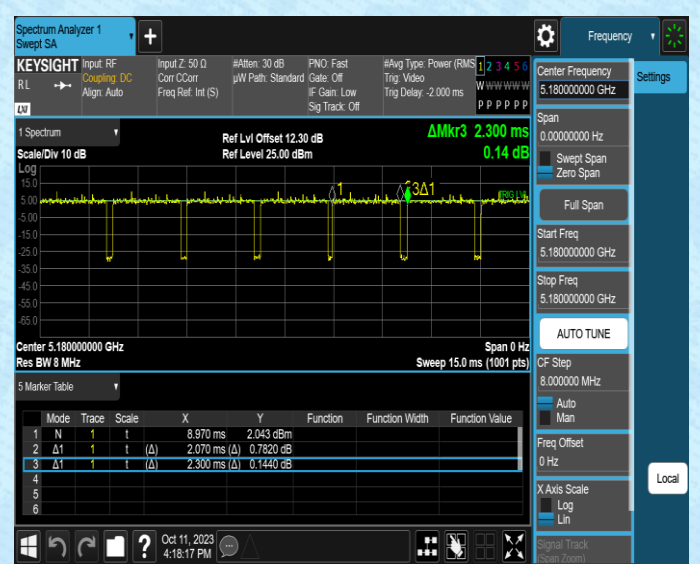


NTNV-11N20SISO-Ant1-5240

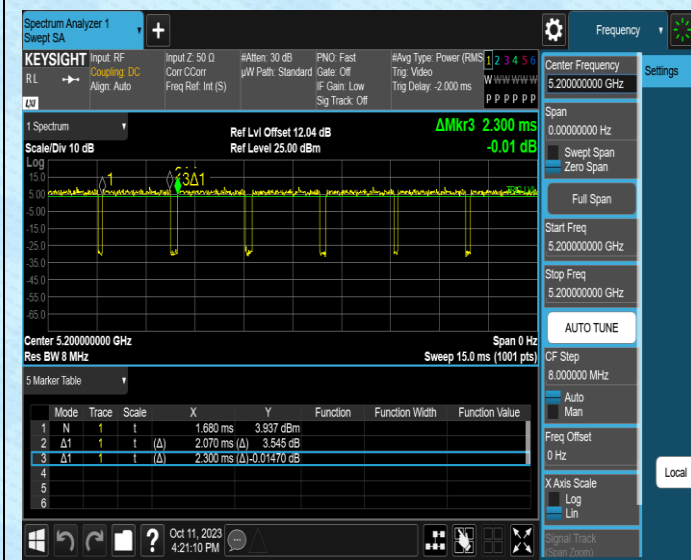
NTNV-11N20SISO-Ant2-5240



NTNV-11N20MIMO-Ant1-5180



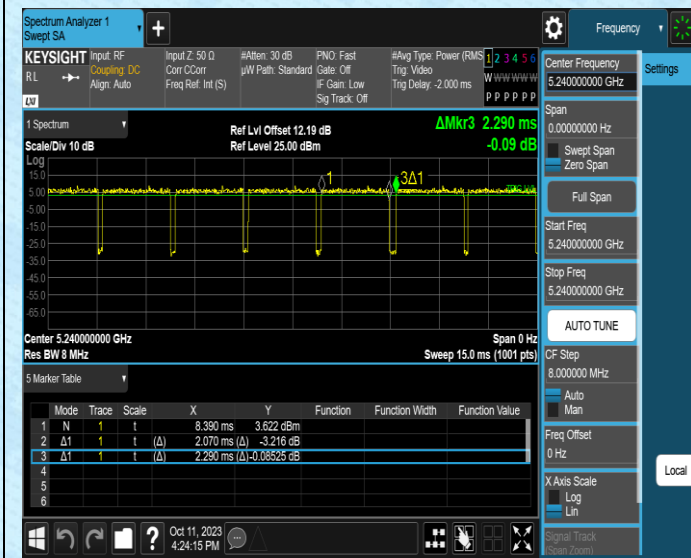
NTNV-11N20MIMO-Ant2-5180



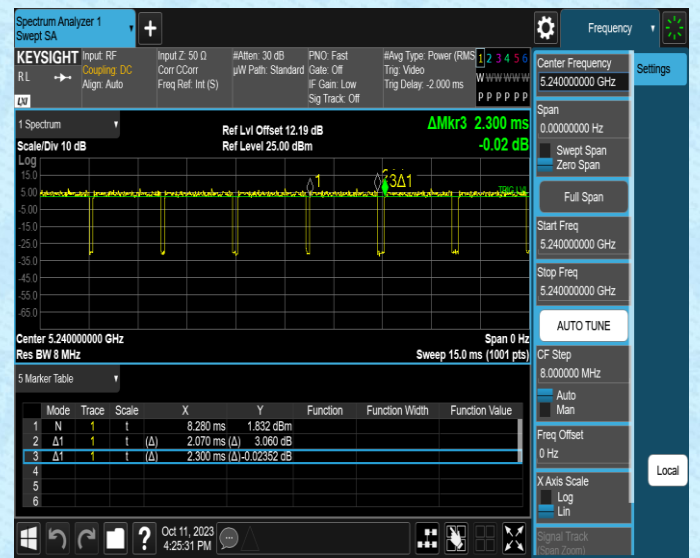
NTNV-11N20MIMO-Ant1-5200



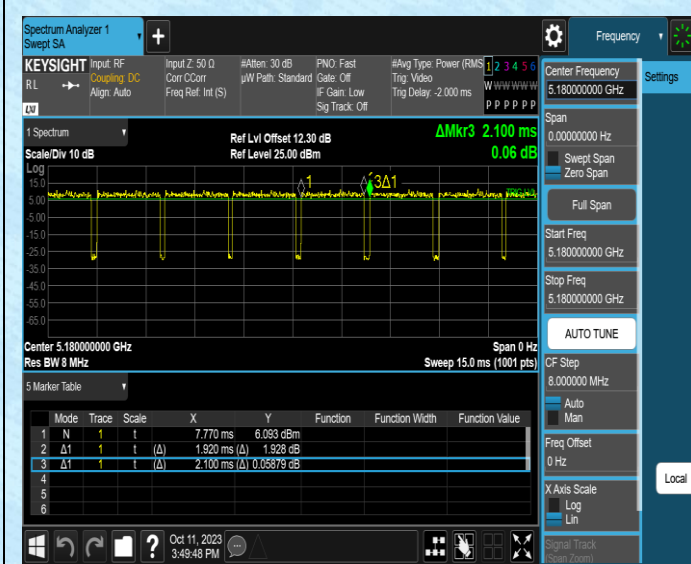
NTNV-11N20MIMO-Ant2-5200



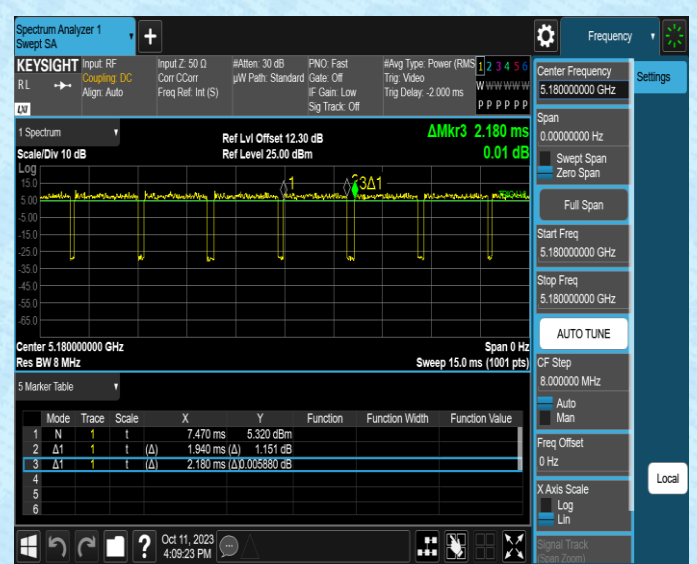
NTNV-11N20MIMO-Ant1-5240



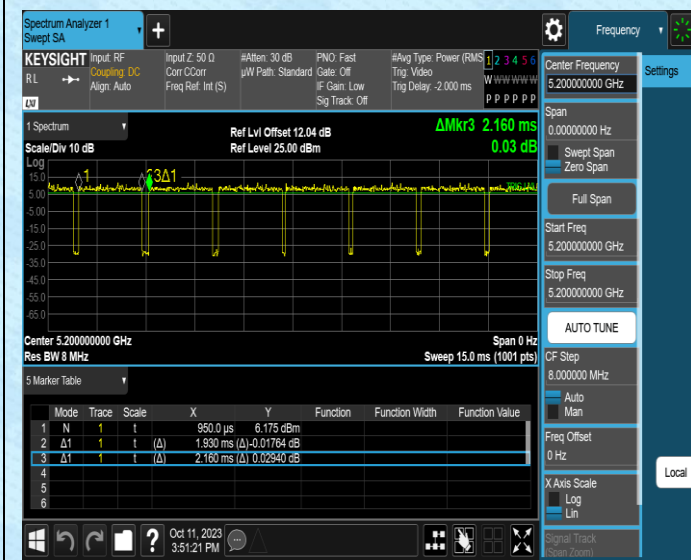
NTNV-11N20MIMO-Ant2-5240



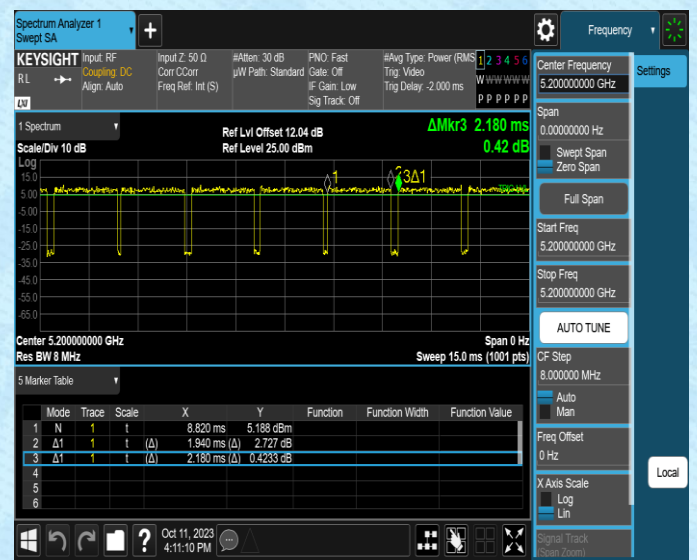
NTNV-11AC20SISO-Ant1-5180



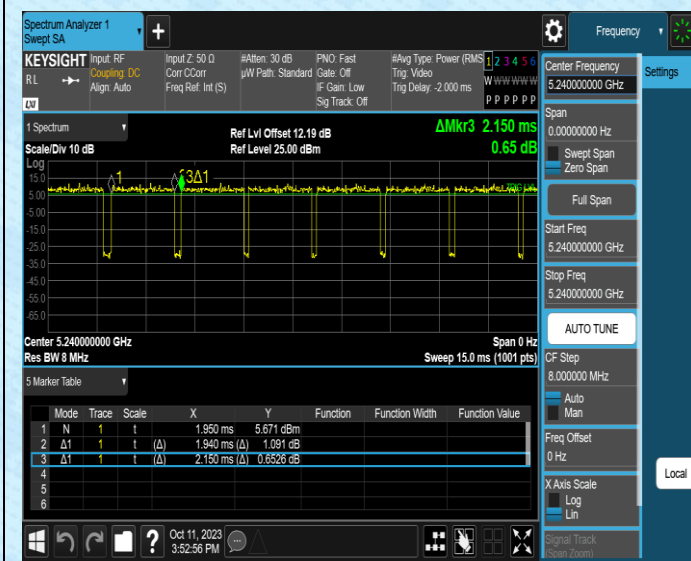
NTNV-11AC20SISO-Ant2-5180



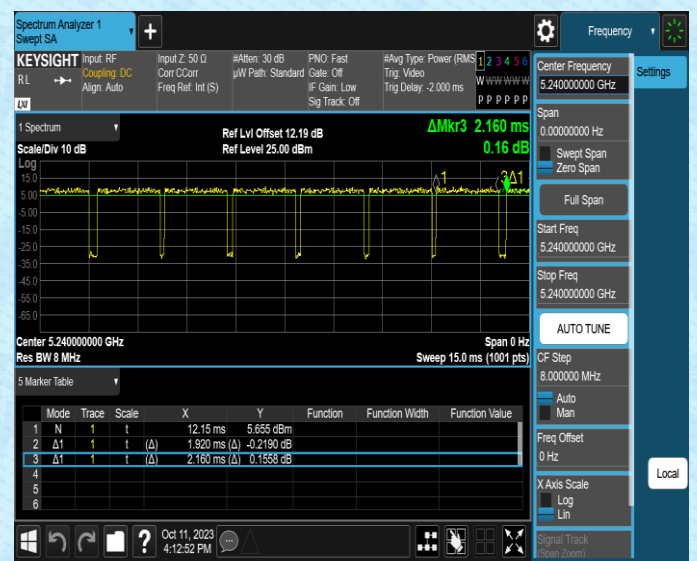
NTNV-11AC20SISO-Ant1-5200



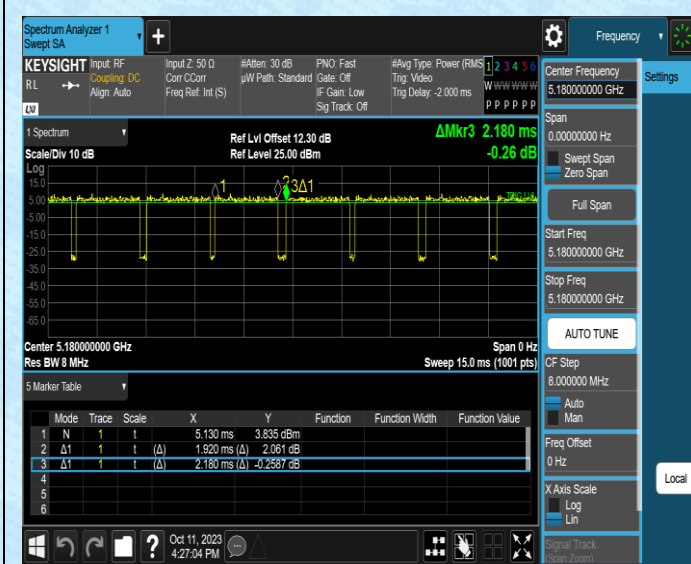
NTNV-11AC20SISO-Ant2-5200



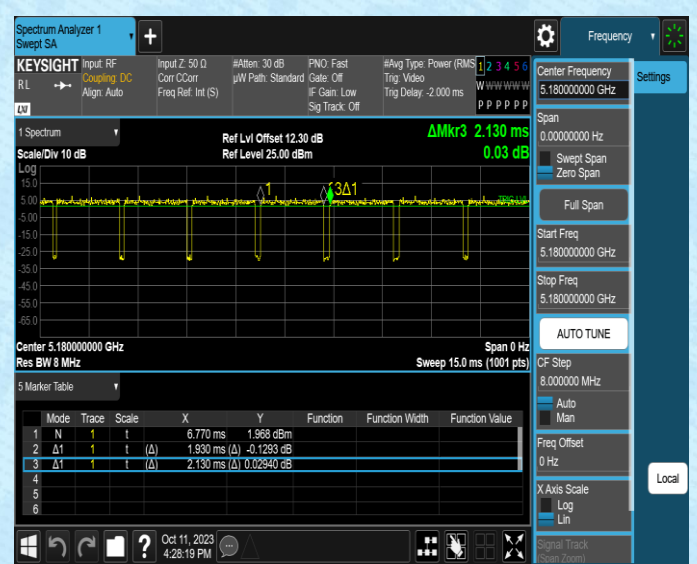
NTNV-11AC20SISO-Ant1-5240



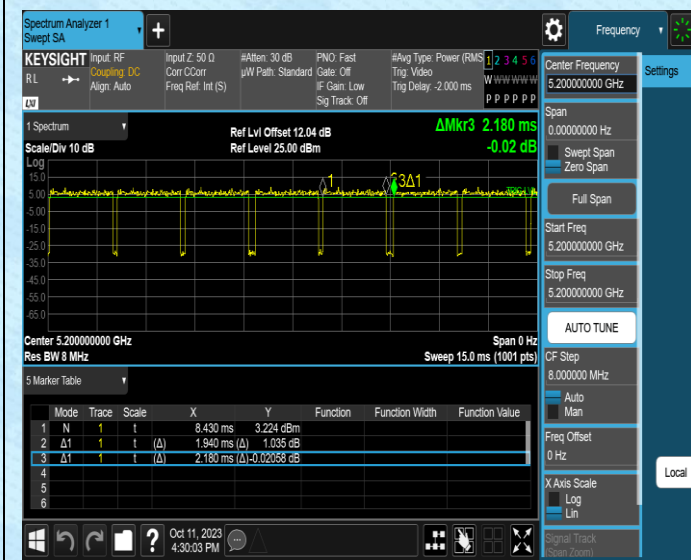
NTNV-11AC20SISO-Ant2-5240



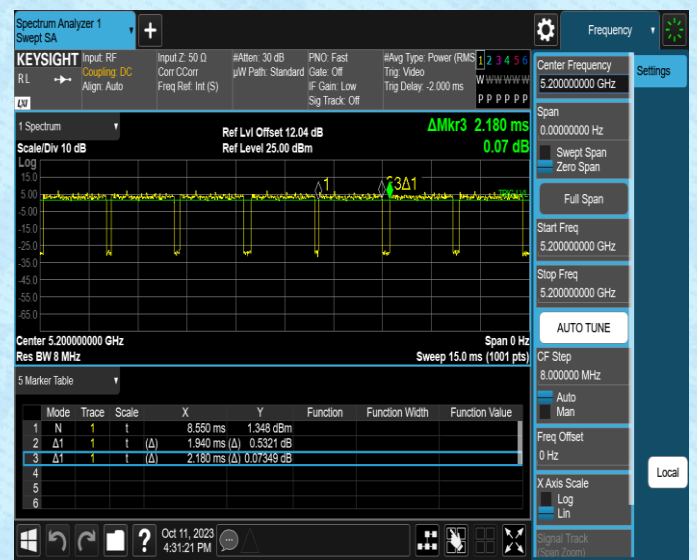
NTNV-11AC20MIMO-Ant1-5180



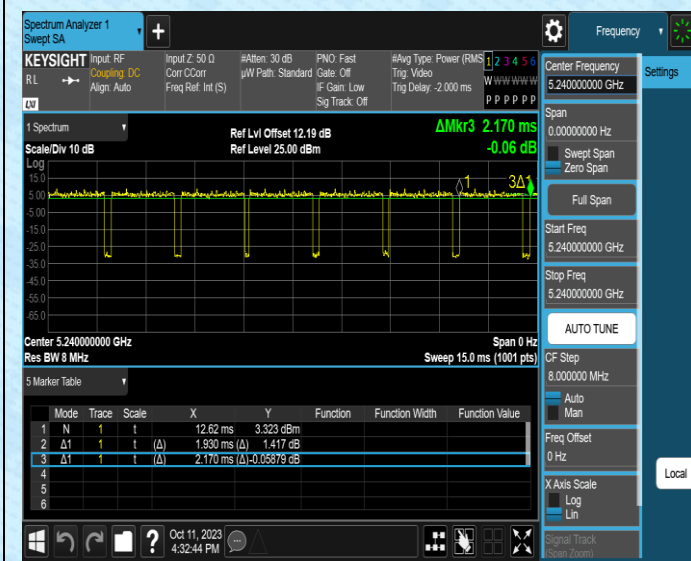
NTNV-11AC20MIMO-Ant2-5180



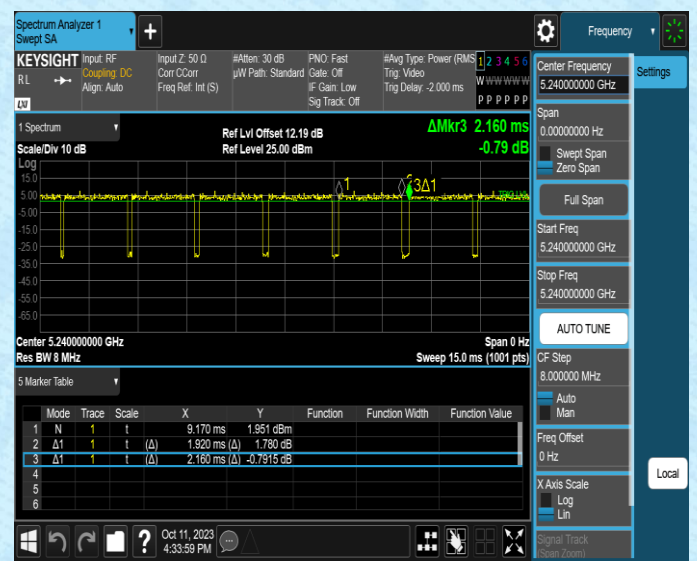
NTNV-11AC20MIMO-Ant1-5200



NTNV-11AC20MIMO-Ant2-5200



NTNV-11AC20MIMO-Ant1-5240



NTNV-11AC20MIMO-Ant2-5240

AppendixC: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Rate	Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	Verdict
11A	Ant1	5180	6Mbps	5.51	90.39	0.44	5.95	≤23.98	2.40	8.35	PASS
11A	Ant2	5180	6Mbps	5.61	91.59	0.38	5.99	≤23.98	2.40	8.39	PASS
11A	Ant1	5200	6Mbps	5.86	90.39	0.44	6.30	≤23.98	2.40	8.70	PASS
11A	Ant2	5200	6Mbps	5.70	90.00	0.46	6.16	≤23.98	2.40	8.56	PASS
11A	Ant1	5240	6Mbps	5.65	89.91	0.46	6.11	≤23.98	2.40	8.51	PASS
11A	Ant2	5240	6Mbps	5.64	91.56	0.38	6.02	≤23.98	2.40	8.42	PASS
11N20SISO	Ant1	5180	MCS0	5.56	89.72	0.47	6.03	≤23.98	2.40	8.43	PASS
11N20SISO	Ant2	5180	MCS0	5.06	90.57	0.43	5.49	≤23.98	2.40	7.89	PASS
11N20SISO	Ant1	5200	MCS0	5.89	90.14	0.45	6.34	≤23.98	2.40	8.74	PASS
11N20SISO	Ant2	5200	MCS0	5.63	91.00	0.41	6.04	≤23.98	2.40	8.44	PASS
11N20SISO	Ant1	5240	MCS0	5.21	90.57	0.43	5.64	≤23.98	2.40	8.04	PASS
11N20SISO	Ant2	5240	MCS0	5.64	89.30	0.49	6.13	≤23.98	2.40	8.53	PASS
11N20MIMO	Ant1	5180	MCS0	3.22	90.00	0.46	3.68	≤23.98	2.40	6.08	PASS
11N20MIMO	Ant2	5180	MCS0	1.60	90.00	0.46	2.06	≤23.98	2.40	4.46	PASS
11N20MIMO	total	5180	MCS0	---	---	---	5.96	≤23.98	---	8.36	PASS
11N20MIMO	Ant1	5200	MCS0	3.55	90.00	0.46	4.01	≤23.98	2.40	6.41	PASS
11N20MIMO	Ant2	5200	MCS0	1.49	90.75	0.42	1.91	≤23.98	2.40	4.31	PASS
11N20MIMO	total	5200	MCS0	---	---	---	6.10	≤23.98	---	8.50	PASS
11N20MIMO	Ant1	5240	MCS0	3.18	90.39	0.44	3.62	≤23.98	2.40	6.02	PASS
11N20MIMO	Ant2	5240	MCS0	1.41	90.00	0.46	1.87	≤23.98	2.40	4.27	PASS
11N20MIMO	total	5240	MCS0	---	---	---	5.84	≤23.98	---	8.24	PASS
11AC20SISO	Ant1	5180	MCS0	5.63	91.43	0.39	6.02	≤23.98	2.40	8.42	PASS
11AC20SISO	Ant2	5180	MCS0	5.16	88.99	0.51	5.67	≤23.98	2.40	8.07	PASS
11AC20SISO	Ant1	5200	MCS0	5.94	89.35	0.49	6.43	≤23.98	2.40	8.83	PASS
11AC20SISO	Ant2	5200	MCS0	5.64	88.99	0.51	6.15	≤23.98	2.40	8.55	PASS
11AC20SISO	Ant1	5240	MCS0	5.72	90.23	0.45	6.17	≤23.98	2.40	8.57	PASS
11AC20SISO	Ant2	5240	MCS0	5.61	88.89	0.51	6.12	≤23.98	2.40	8.52	PASS
11AC20MIMO	Ant1	5180	MCS0	3.00	88.07	0.55	3.55	≤23.98	2.40	5.95	PASS
11AC20MIMO	Ant2	5180	MCS0	1.37	90.61	0.43	1.80	≤23.98	2.40	4.20	PASS
11AC20MIMO	total	5180	MCS0	---	---	---	5.77	≤23.98	---	8.17	PASS
11AC20MIMO	Ant1	5200	MCS0	3.17	88.99	0.51	3.68	≤23.98	2.40	6.08	PASS
11AC20MIMO	Ant2	5200	MCS0	1.43	88.99	0.51	1.94	≤23.98	2.40	4.34	PASS
11AC20MIMO	total	5200	MCS0	---	---	---	5.91	≤23.98	---	8.31	PASS
11AC20MIMO	Ant1	5240	MCS0	3.10	88.94	0.51	3.61	≤23.98	2.40	6.01	PASS
11AC20MIMO	Ant2	5240	MCS0	1.44	88.89	0.51	1.95	≤23.98	2.40	4.35	PASS
11AC20MIMO	total	5240	MCS0	---	---	---	5.87	≤23.98	---	8.27	PASS

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

AppendixD: Maximum power spectral density

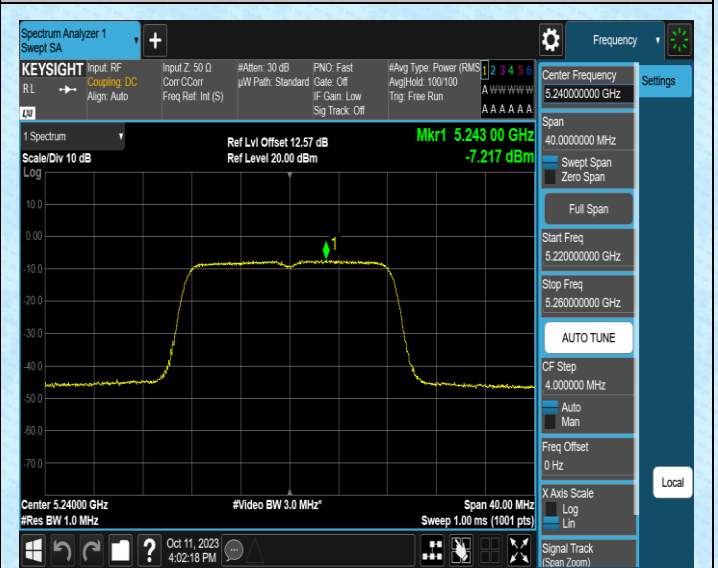
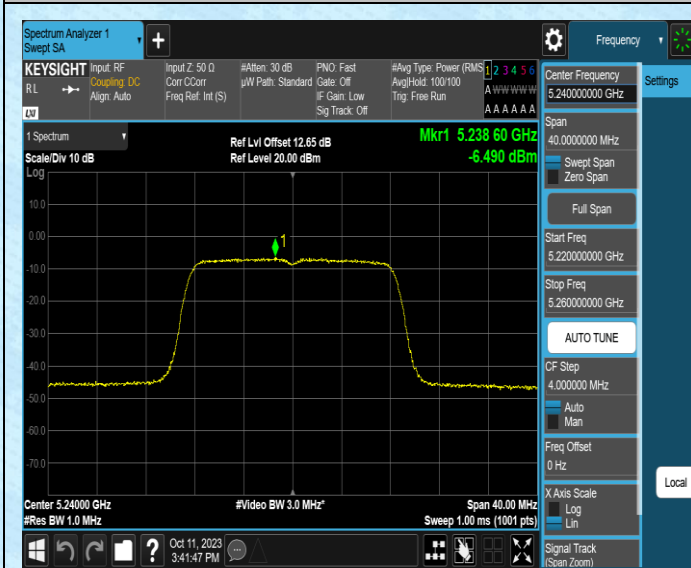
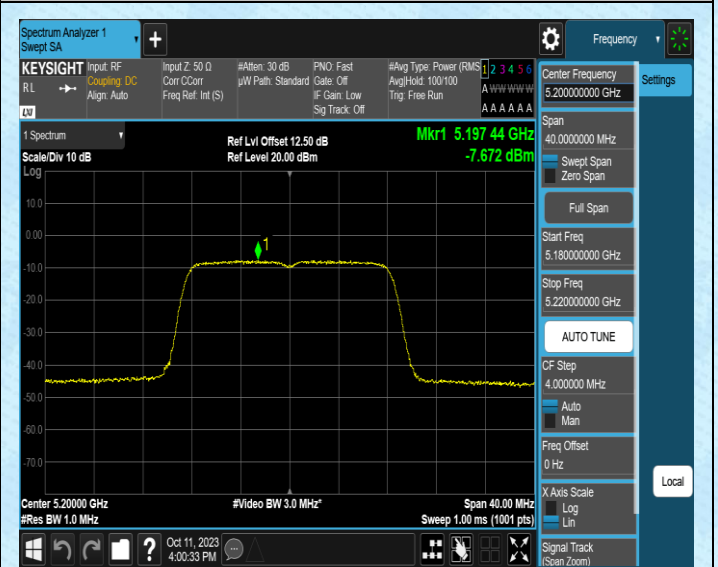
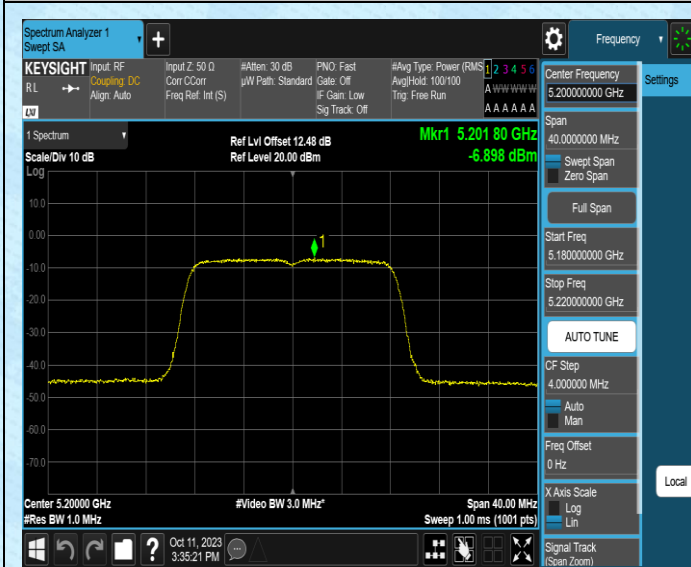
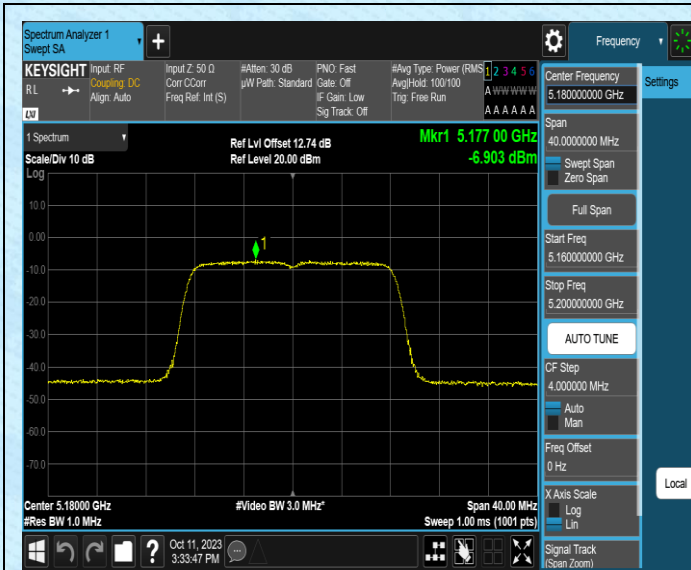
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6Mbps	-6.9	≤11.00	PASS
11A	Ant2	5180	6Mbps	-7.48	≤11.00	PASS
11A	Ant1	5200	6Mbps	-6.9	≤11.00	PASS
11A	Ant2	5200	6Mbps	-7.67	≤11.00	PASS
11A	Ant1	5240	6Mbps	-6.49	≤11.00	PASS
11A	Ant2	5240	6Mbps	-7.22	≤11.00	PASS
11N20SISO	Ant1	5180	MCS0	-7.42	≤11.00	PASS
11N20SISO	Ant2	5180	MCS0	-8.07	≤11.00	PASS
11N20SISO	Ant1	5200	MCS0	-7.19	≤11.00	PASS
11N20SISO	Ant2	5200	MCS0	-7.87	≤11.00	PASS
11N20SISO	Ant1	5240	MCS0	-7.66	≤11.00	PASS
11N20SISO	Ant2	5240	MCS0	-7.38	≤11.00	PASS
11N20MIMO	Ant1	5180	MCS0	-9.26	≤11.00	PASS
11N20MIMO	Ant2	5180	MCS0	-10.96	≤11.00	PASS
11N20MIMO	total	5180	MCS0	-7.02	≤11.00	PASS
11N20MIMO	Ant1	5200	MCS0	-9.17	≤11.00	PASS
11N20MIMO	Ant2	5200	MCS0	-11.63	≤11.00	PASS
11N20MIMO	total	5200	MCS0	-7.22	≤11.00	PASS
11N20MIMO	Ant1	5240	MCS0	-9.2	≤11.00	PASS
11N20MIMO	Ant2	5240	MCS0	-10.83	≤11.00	PASS
11N20MIMO	total	5240	MCS0	-6.93	≤11.00	PASS
11AC20SISO	Ant1	5180	MCS0	-7.35	≤11.00	PASS
11AC20SISO	Ant2	5180	MCS0	-8.03	≤11.00	PASS
11AC20SISO	Ant1	5200	MCS0	-7.18	≤11.00	PASS
11AC20SISO	Ant2	5200	MCS0	-7.71	≤11.00	PASS
11AC20SISO	Ant1	5240	MCS0	-7.02	≤11.00	PASS
11AC20SISO	Ant2	5240	MCS0	-7.44	≤11.00	PASS
11AC20MIMO	Ant1	5180	MCS0	-9.66	≤11.00	PASS
11AC20MIMO	Ant2	5180	MCS0	-11.67	≤11.00	PASS
11AC20MIMO	total	5180	MCS0	-7.54	≤11.00	PASS
11AC20MIMO	Ant1	5200	MCS0	-9.6	≤11.00	PASS
11AC20MIMO	Ant2	5200	MCS0	-11.93	≤11.00	PASS
11AC20MIMO	total	5200	MCS0	-7.60	≤11.00	PASS
11AC20MIMO	Ant1	5240	MCS0	-9.35	≤11.00	PASS
11AC20MIMO	Ant2	5240	MCS0	-11.15	≤11.00	PASS
11AC20MIMO	total	5240	MCS0	-7.15	≤11.00	PASS

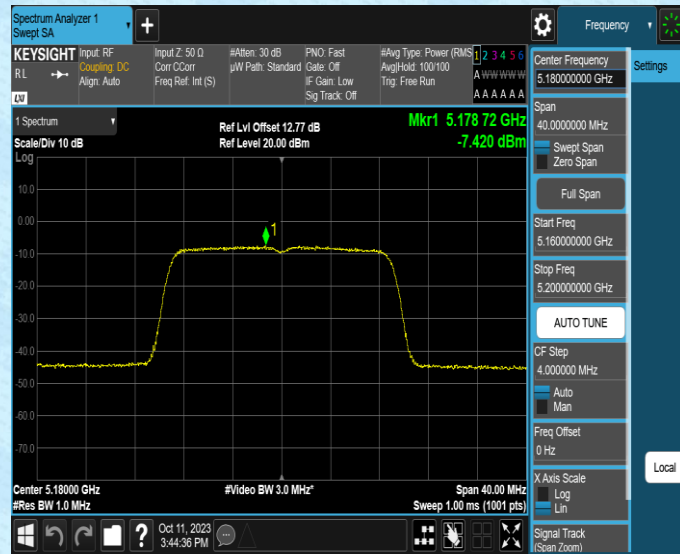
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

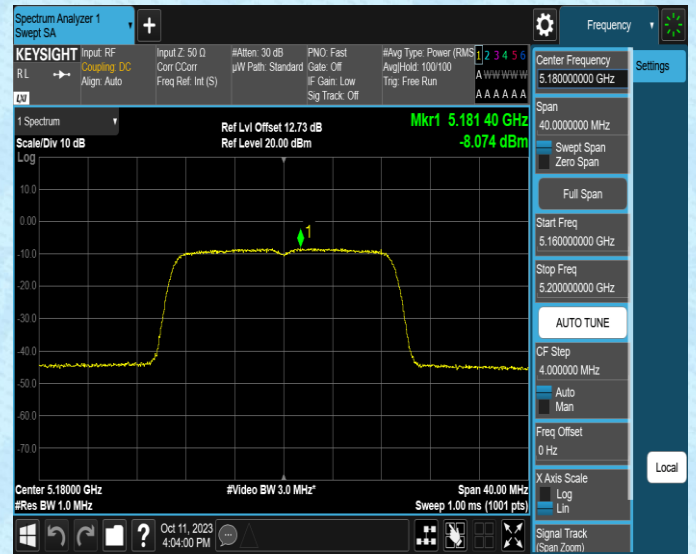
Test Graphs



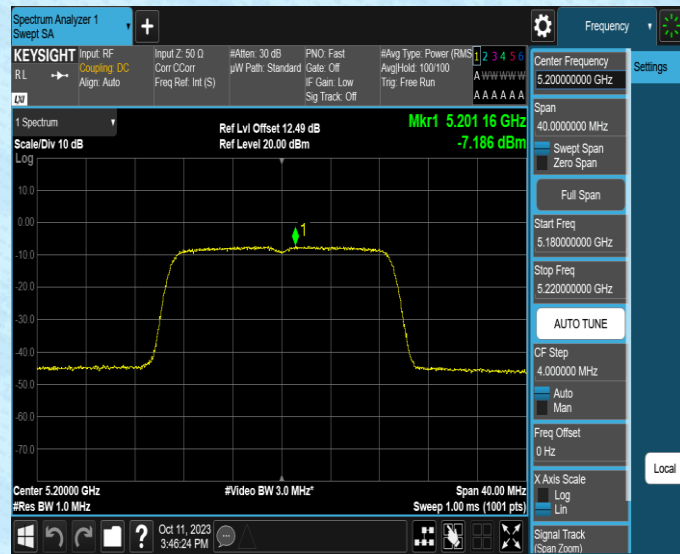
11A-Ant1-5240-PASS



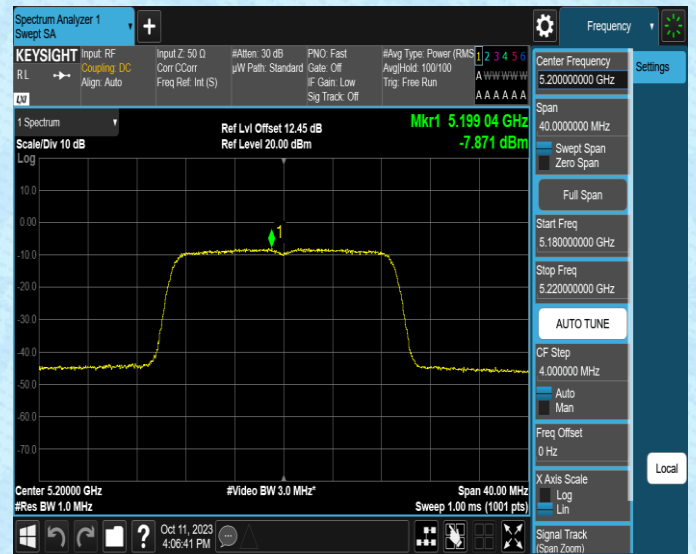
11A-Ant2-5240-PASS



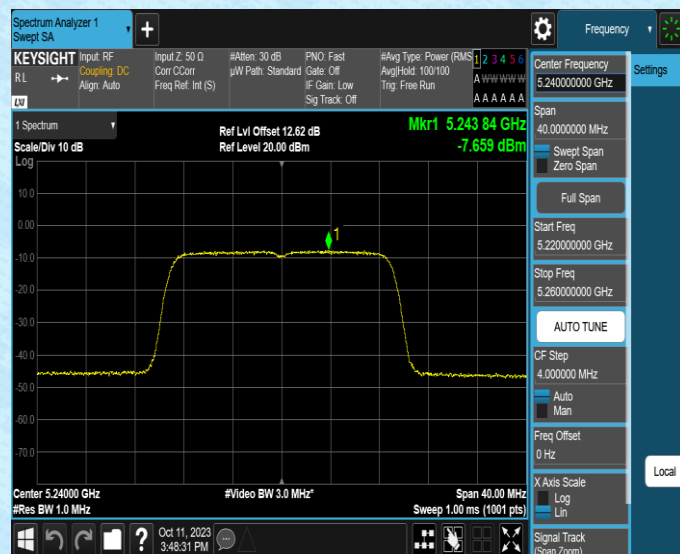
11N20SISO-Ant1-5180-PASS



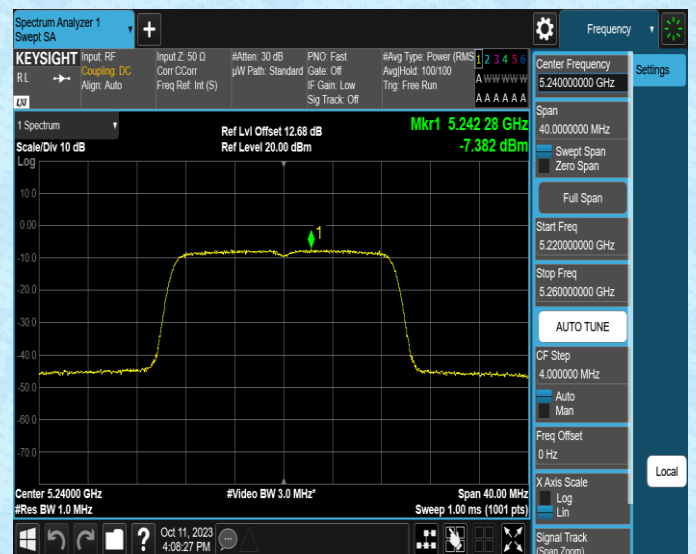
11N20SISO-Ant2-5180-PASS



11N20SISO-Ant1-5200-PASS



11N20SISO-Ant2-5200-PASS



11N20SISO-Ant1-5240-PASS

11N20SISO-Ant2-5240-PASS