

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	13.75	89.52	0.48	14.23	≤23.98	2.40	16.63	PASS
11A	Ant2	5180	6Mbps	14.04	90.75	0.42	14.46	≤23.98	2.40	16.86	PASS
11A	Ant1	5200	6Mbps	13.39	90.79	0.42	13.81	≤23.98	2.40	16.21	PASS
11A	Ant2	5200	6Mbps	13.94	90.71	0.42	14.36	≤23.98	2.40	16.76	PASS
11A	Ant1	5240	6Mbps	13.57	90.39	0.44	14.01	≤23.98	2.40	16.41	PASS
11A	Ant2	5240	6Mbps	13.78	89.91	0.46	14.24	≤23.98	2.40	16.64	PASS
11N20SISO	Ant1	5180	MCS0	13.79	90.14	0.45	14.24	≤23.98	2.40	16.64	PASS
11N20SISO	Ant2	5180	MCS0	14.17	89.72	0.47	14.64	≤23.98	2.40	17.04	PASS
11N20SISO	Ant1	5200	MCS0	13.47	90.57	0.43	13.90	≤23.98	2.40	16.30	PASS
11N20SISO	Ant2	5200	MCS0	14.11	90.14	0.45	14.56	≤23.98	2.40	16.96	PASS
11N20SISO	Ant1	5240	MCS0	13.02	89.72	0.47	13.49	≤23.98	2.40	15.89	PASS
11N20SISO	Ant2	5240	MCS0	13.80	90.14	0.45	14.25	≤23.98	2.40	16.65	PASS
11N20MIMO	Ant1	5180	MCS0	10.22	89.72	0.47	10.69	≤23.98	2.40	13.09	PASS
11N20MIMO	Ant2	5180	MCS0	10.55	90.57	0.43	10.98	≤23.98	2.40	13.38	PASS
11N20MIMO	total	5180	MCS0	---	---	---	13.85	≤23.98	---	16.25	PASS
11N20MIMO	Ant1	5200	MCS0	9.72	91.00	0.41	10.13	≤23.98	2.40	12.53	PASS
11N20MIMO	Ant2	5200	MCS0	11.01	89.72	0.47	11.48	≤23.98	2.40	13.88	PASS
11N20MIMO	total	5200	MCS0	---	---	---	13.87	≤23.98	---	16.27	PASS
11N20MIMO	Ant1	5240	MCS0	9.51	91.43	0.39	9.90	≤23.98	2.40	12.30	PASS
11N20MIMO	Ant2	5240	MCS0	10.85	91.43	0.39	11.24	≤23.98	2.40	13.64	PASS
11N20MIMO	total	5240	MCS0	---	---	---	13.63	≤23.98	---	16.03	PASS
11AC20SISO	Ant1	5180	MCS0	13.79	90.19	0.45	14.24	≤23.98	2.40	16.64	PASS
11AC20SISO	Ant2	5180	MCS0	14.32	91.47	0.39	14.71	≤23.98	2.40	17.11	PASS
11AC20SISO	Ant1	5200	MCS0	13.52	91.47	0.39	13.91	≤23.98	2.40	16.31	PASS
11AC20SISO	Ant2	5200	MCS0	14.11	89.81	0.47	14.58	≤23.98	2.40	16.98	PASS
11AC20SISO	Ant1	5240	MCS0	13.10	89.35	0.49	13.59	≤23.98	2.40	15.99	PASS
11AC20SISO	Ant2	5240	MCS0	13.70	88.94	0.51	14.21	≤23.98	2.40	16.61	PASS
11AC20MIMO	Ant1	5180	MCS0	9.61	88.94	0.51	10.12	≤23.98	2.40	12.52	PASS
11AC20MIMO	Ant2	5180	MCS0	10.72	90.61	0.43	11.15	≤23.98	2.40	13.55	PASS
11AC20MIMO	total	5180	MCS0	---	---	---	13.68	≤23.98	---	16.08	PASS
11AC20MIMO	Ant1	5200	MCS0	9.76	88.07	0.55	10.31	≤23.98	2.40	12.71	PASS
11AC20MIMO	Ant2	5200	MCS0	11.03	88.07	0.55	11.58	≤23.98	2.40	13.98	PASS
11AC20MIMO	total	5200	MCS0	---	---	---	14.00	≤23.98	---	16.40	PASS
11AC20MIMO	Ant1	5240	MCS0	9.57	88.89	0.51	10.08	≤23.98	2.40	12.48	PASS
11AC20MIMO	Ant2	5240	MCS0	10.87	90.23	0.45	11.32	≤23.98	2.40	13.72	PASS
11AC20MIMO	total	5240	MCS0	---	---	---	13.75	≤23.98	---	16.15	PASS

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

AppendixD: Maximum power spectral density

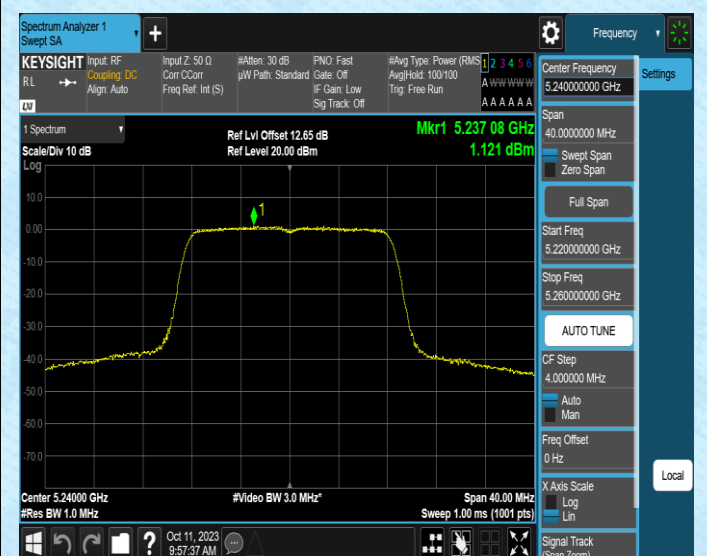
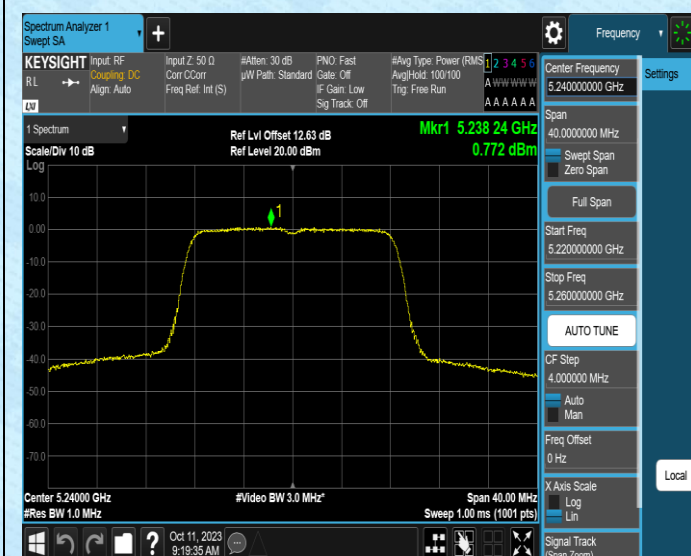
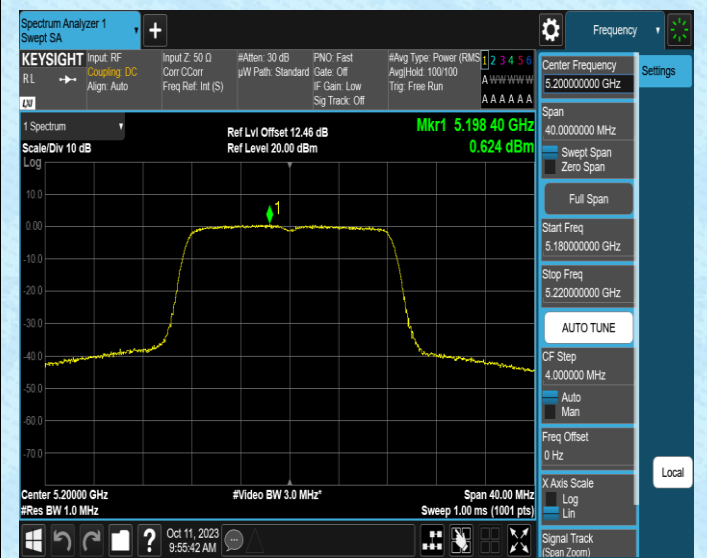
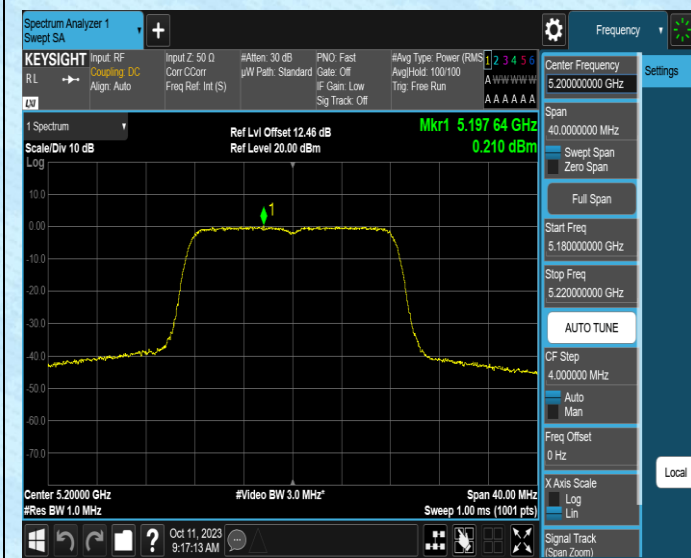
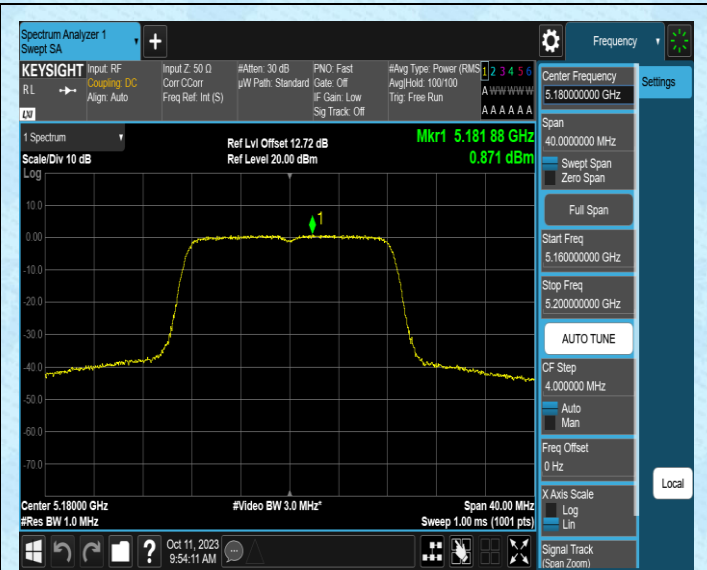
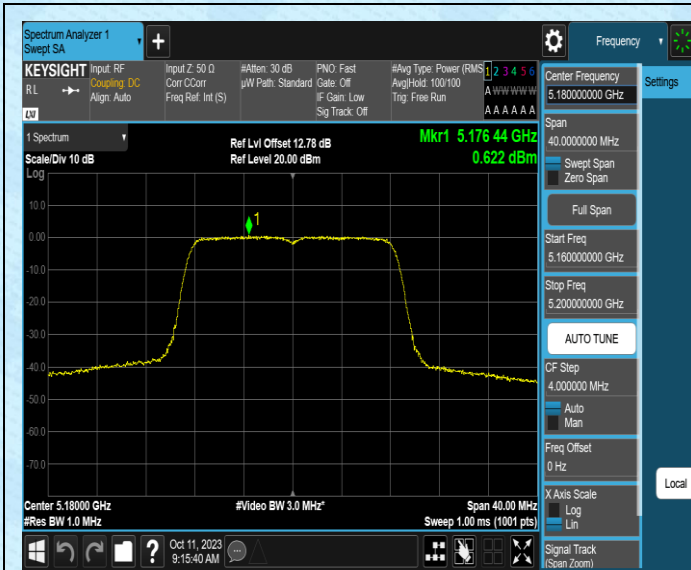
Test Result

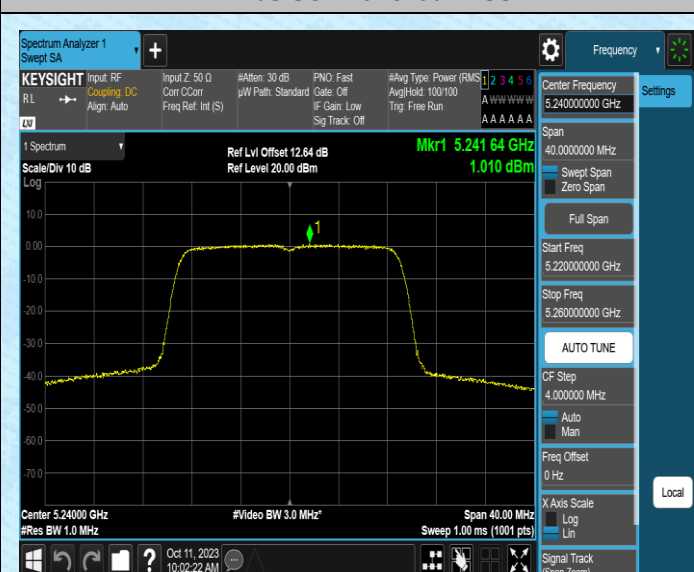
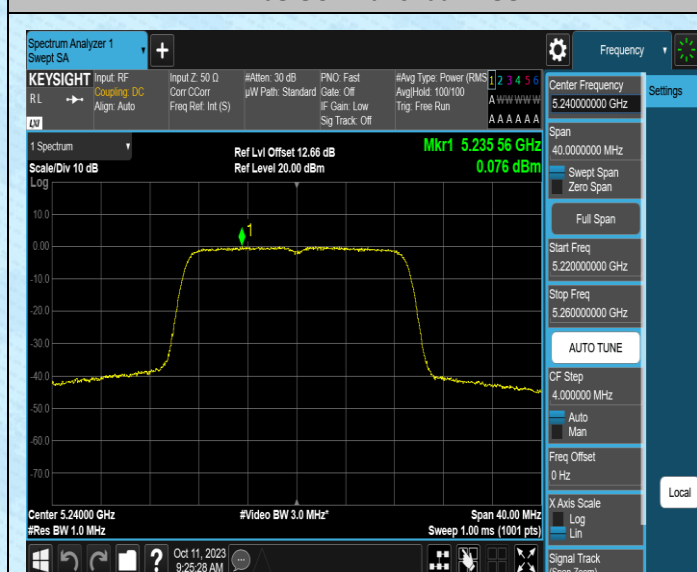
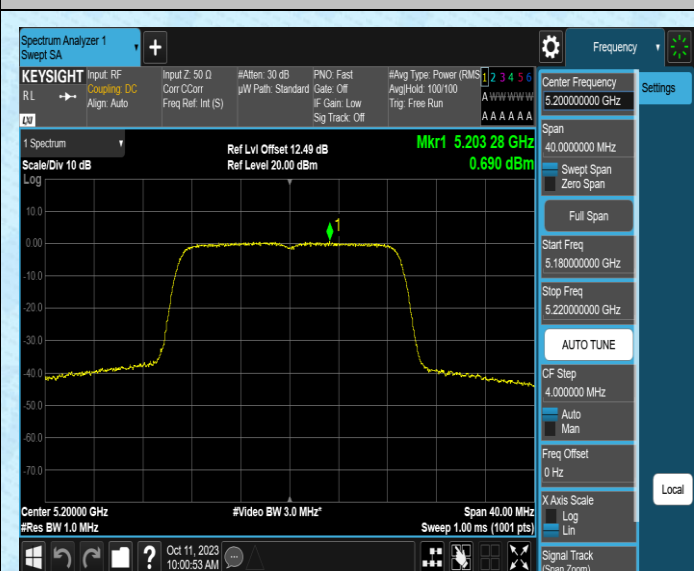
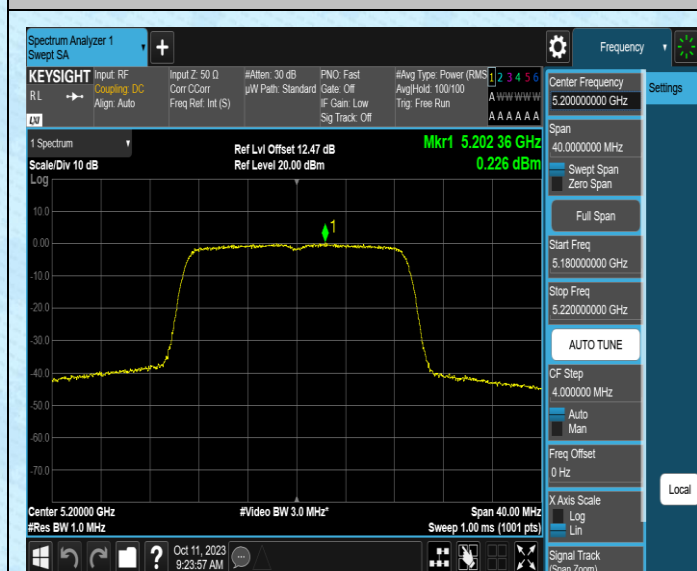
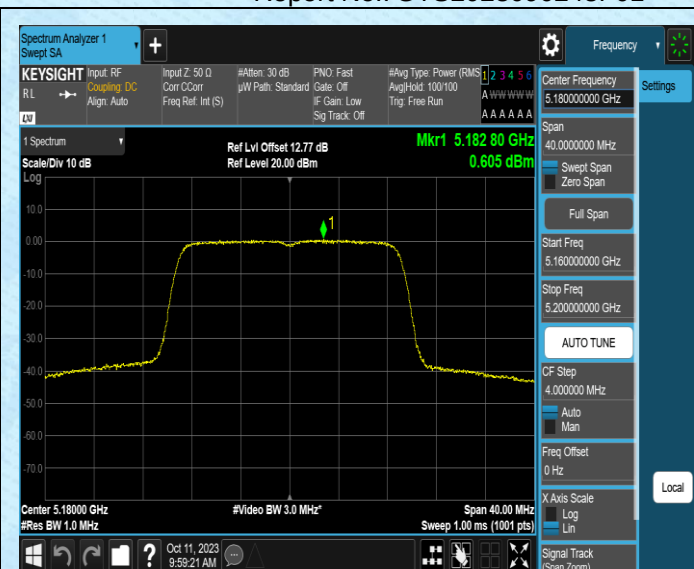
Test Mode	Antenna	Frequency[MHz]	Rate	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6Mbps	0.62	≤11.00	PASS
11A	Ant2	5180	6Mbps	0.87	≤11.00	PASS
11A	Ant1	5200	6Mbps	0.21	≤11.00	PASS
11A	Ant2	5200	6Mbps	0.62	≤11.00	PASS
11A	Ant1	5240	6Mbps	0.77	≤11.00	PASS
11A	Ant2	5240	6Mbps	1.12	≤11.00	PASS
11N20SISO	Ant1	5180	MCS0	0.38	≤11.00	PASS
11N20SISO	Ant2	5180	MCS0	0.61	≤11.00	PASS
11N20SISO	Ant1	5200	MCS0	0.23	≤11.00	PASS
11N20SISO	Ant2	5200	MCS0	0.69	≤11.00	PASS
11N20SISO	Ant1	5240	MCS0	0.08	≤11.00	PASS
11N20SISO	Ant2	5240	MCS0	1.01	≤11.00	PASS
11N20MIMO	Ant1	5180	MCS0	-3.35	≤11.00	PASS
11N20MIMO	Ant2	5180	MCS0	-2.89	≤11.00	PASS
11N20MIMO	total	5180	MCS0	-0.10	≤11.00	PASS
11N20MIMO	Ant1	5200	MCS0	-3.32	≤11.00	PASS
11N20MIMO	Ant2	5200	MCS0	-2.64	≤11.00	PASS
11N20MIMO	total	5200	MCS0	0.04	≤11.00	PASS
11N20MIMO	Ant1	5240	MCS0	-3.33	≤11.00	PASS
11N20MIMO	Ant2	5240	MCS0	-1.93	≤11.00	PASS
11N20MIMO	total	5240	MCS0	0.44	≤11.00	PASS
11AC20SISO	Ant1	5180	MCS0	0.77	≤11.00	PASS
11AC20SISO	Ant2	5180	MCS0	0.78	≤11.00	PASS
11AC20SISO	Ant1	5200	MCS0	-0.06	≤11.00	PASS
11AC20SISO	Ant2	5200	MCS0	0.55	≤11.00	PASS
11AC20SISO	Ant1	5240	MCS0	0.26	≤11.00	PASS
11AC20SISO	Ant2	5240	MCS0	0.67	≤11.00	PASS
11AC20MIMO	Ant1	5180	MCS0	-3.72	≤11.00	PASS
11AC20MIMO	Ant2	5180	MCS0	-2.69	≤11.00	PASS
11AC20MIMO	total	5180	MCS0	-0.16	≤11.00	PASS
11AC20MIMO	Ant1	5200	MCS0	-3.5	≤11.00	PASS
11AC20MIMO	Ant2	5200	MCS0	-2.35	≤11.00	PASS
11AC20MIMO	total	5200	MCS0	0.12	≤11.00	PASS
11AC20MIMO	Ant1	5240	MCS0	-3.29	≤11.00	PASS
11AC20MIMO	Ant2	5240	MCS0	-2.08	≤11.00	PASS
11AC20MIMO	total	5240	MCS0	0.37	≤11.00	PASS

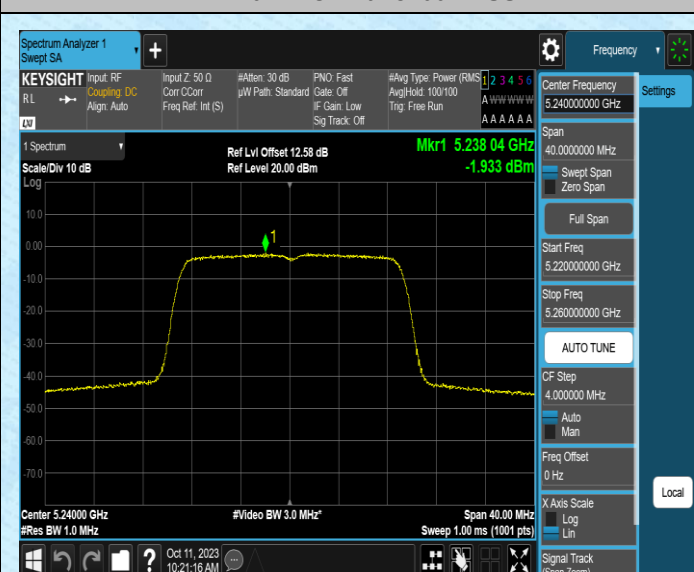
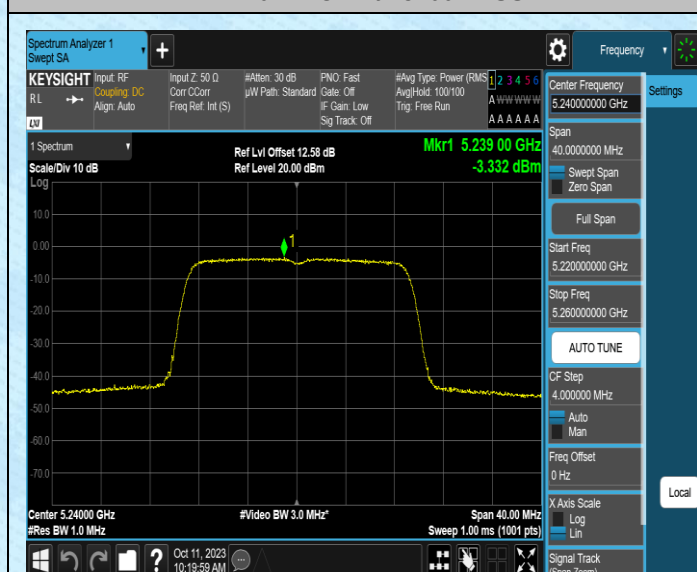
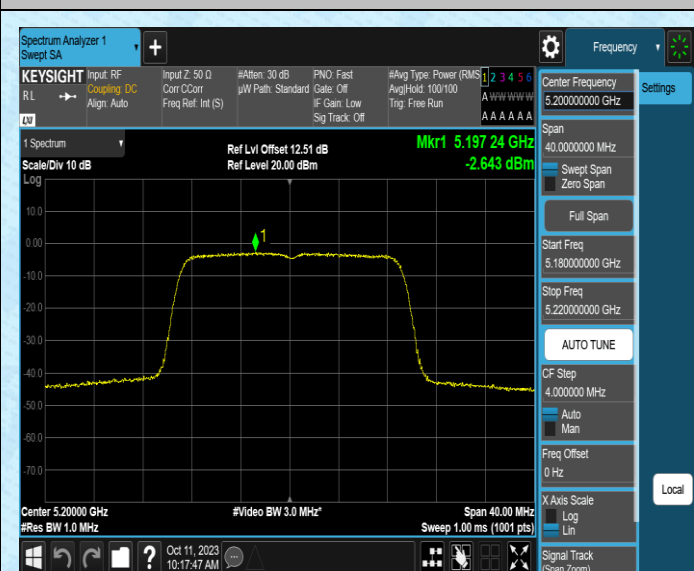
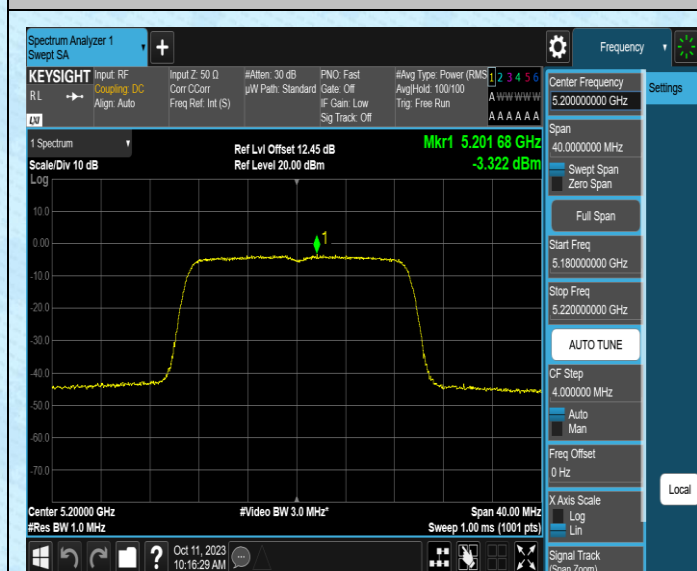
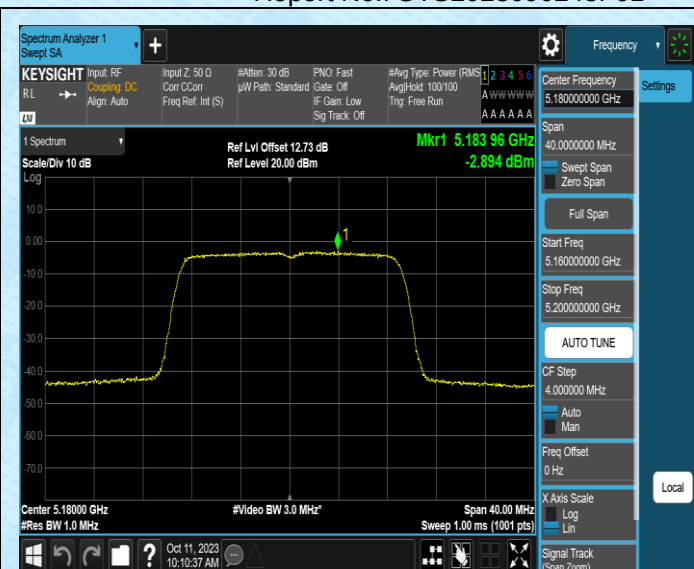
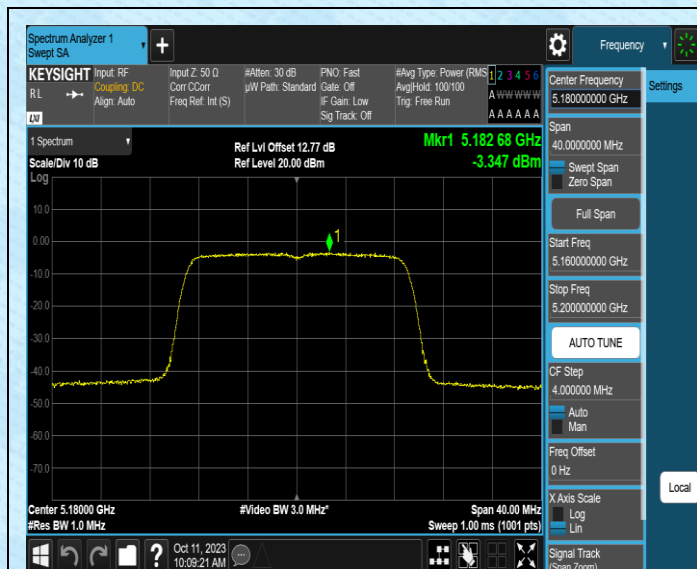
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

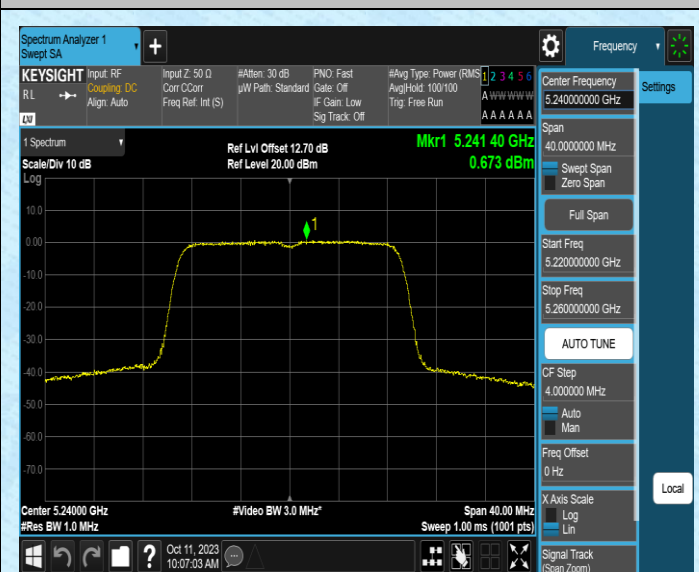
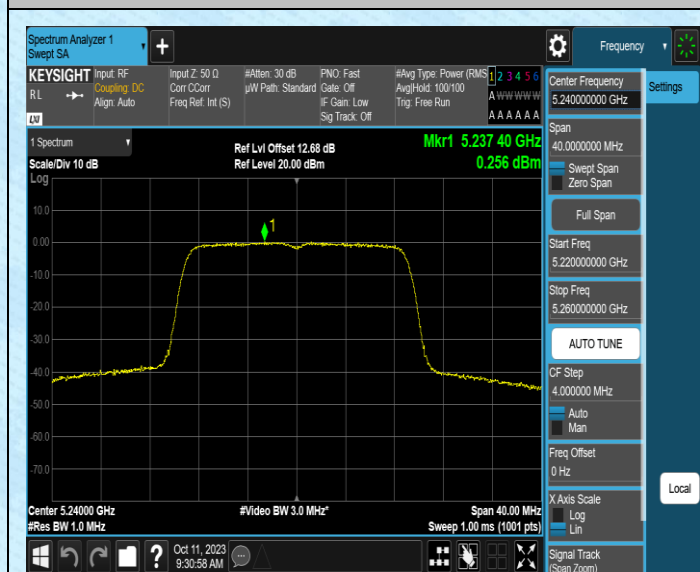
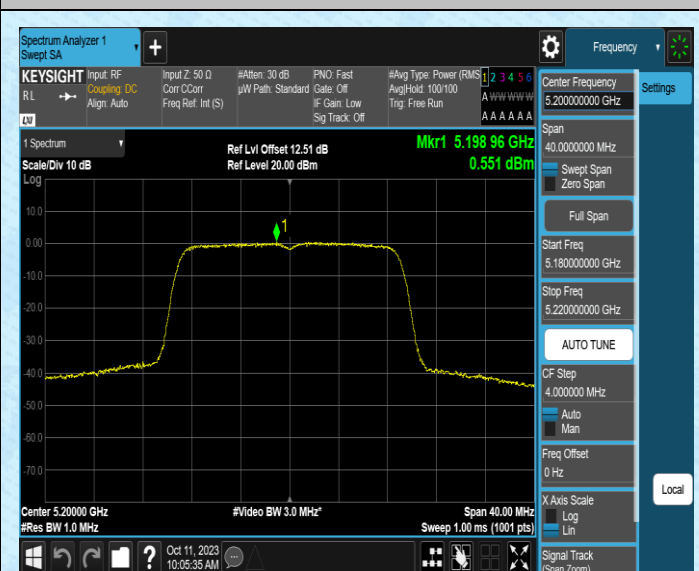
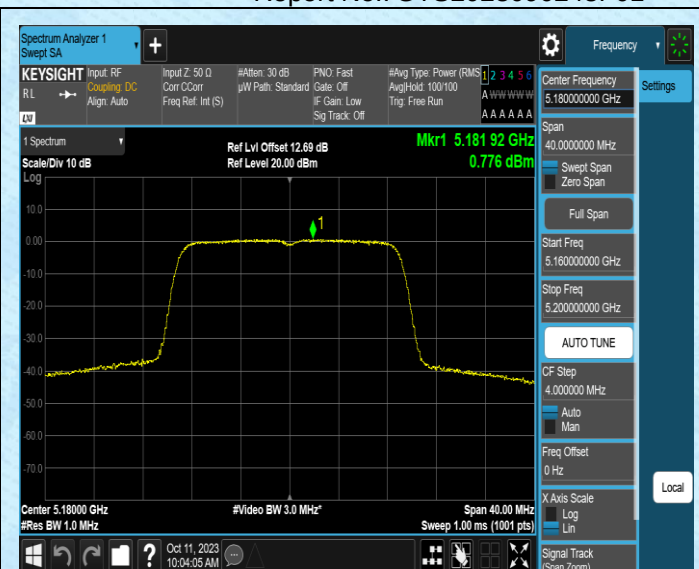
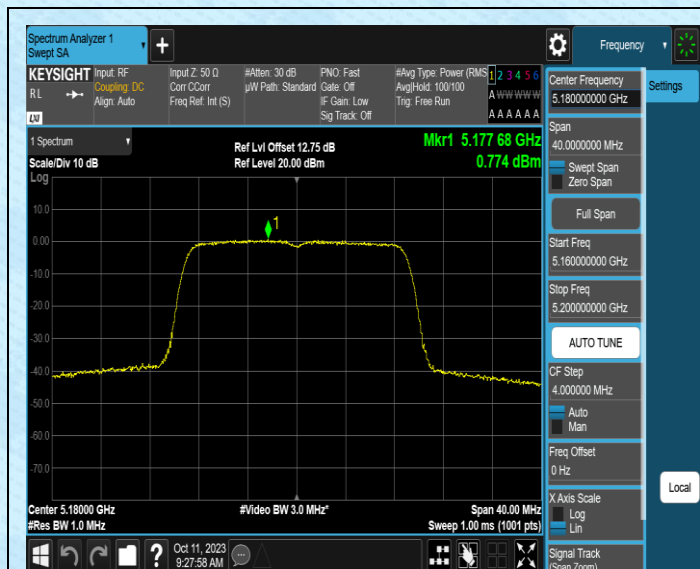
2.The Duty Cycle Factorand RBW Factor is compensated in the graph.

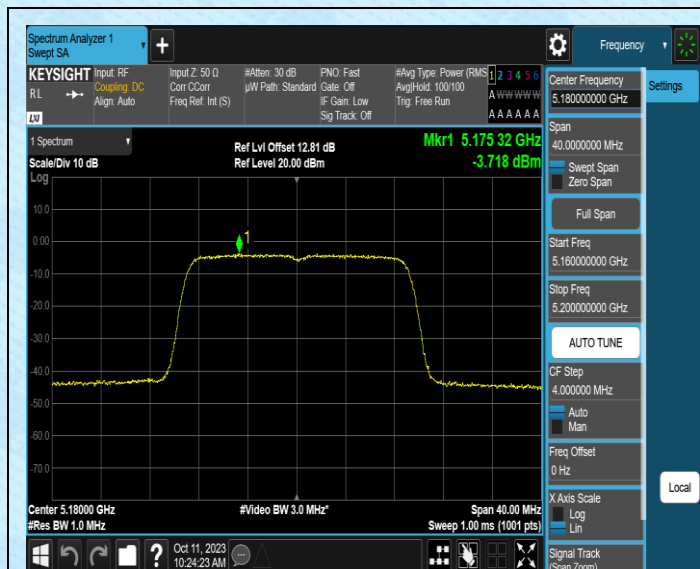
Test Graphs







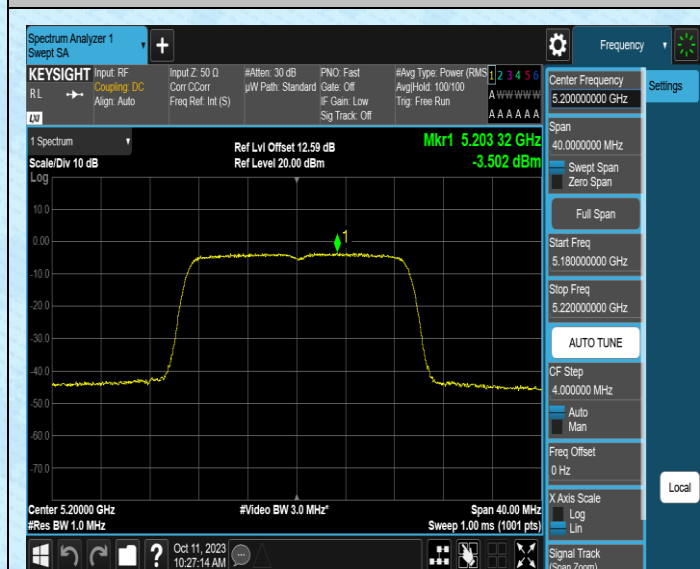




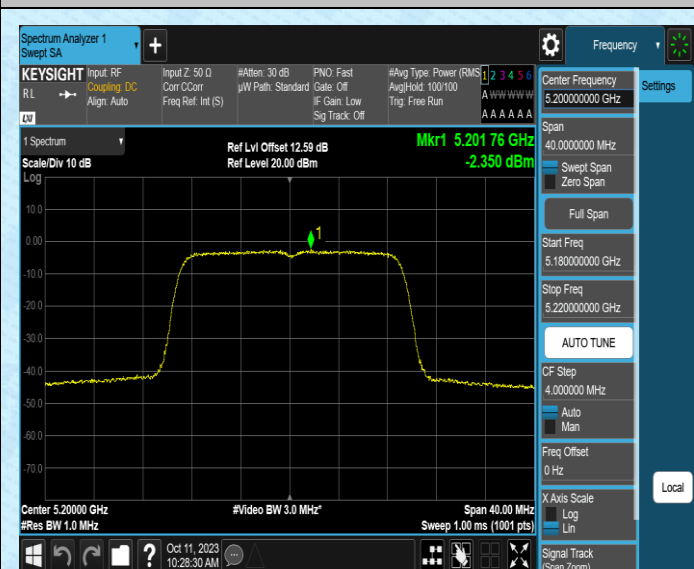
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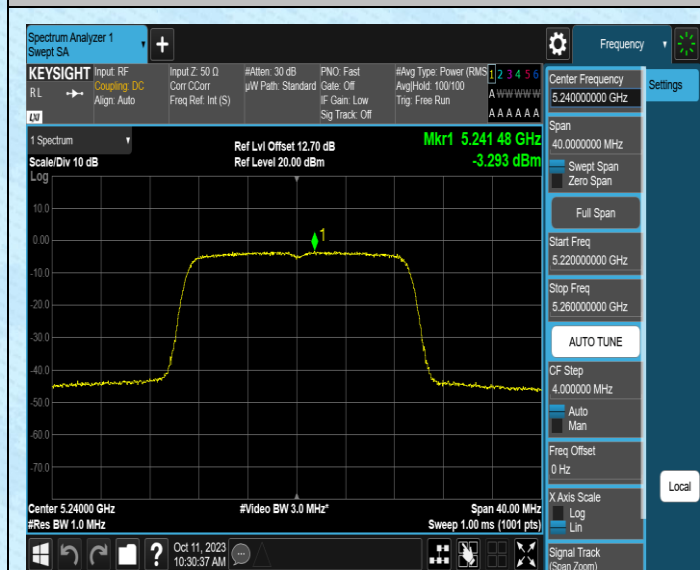
11AC20MIMO-Ant2-5180-PASS



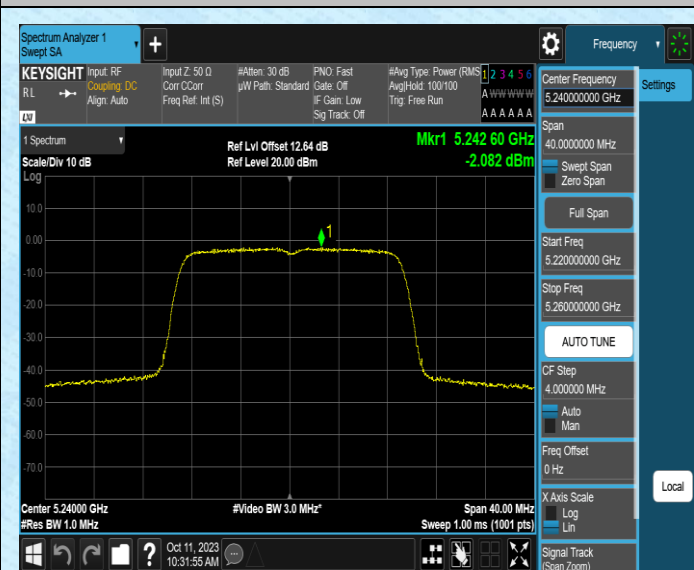
11AC20MIMO-Ant1-5200-PASS



11AC20MIMO-Ant2-5200-PASS



11AC20MIMO-Ant1-5240-PASS



11AC20MIMO-Ant2-5240-PASS

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