Test Graphs B4

11A-Ant1-5745-PASS

11A-Ant1-5785-PASS

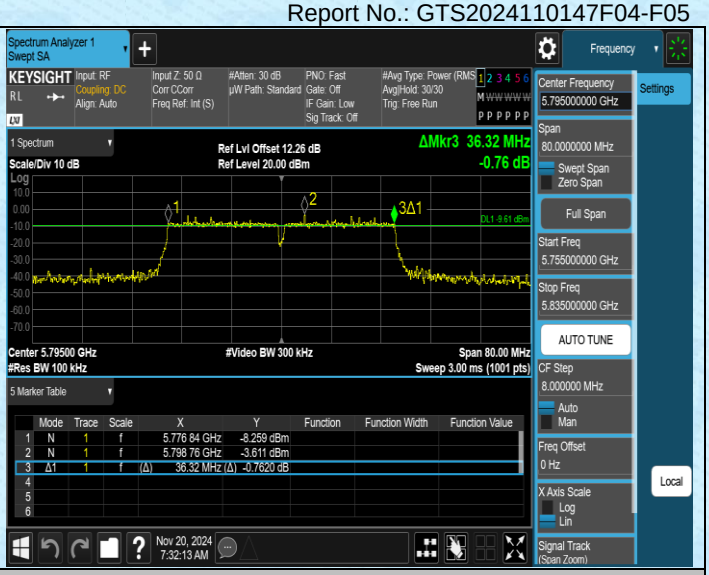
11A-Ant1-5825-PASS

11N20SISO-Ant1-5745-PASS

11N20SISO-Ant1-5785-PASS

11N20SISO-Ant1-5825-PASS

11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS

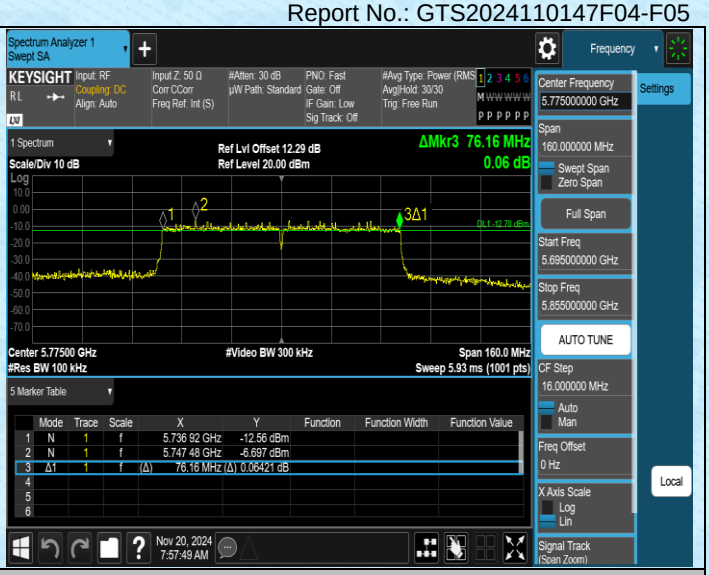
11AC20SISO-Ant1-5745-PASS

11AC20SISO-Ant1-5785-PASS

11AC20SISO-Ant1-5825-PASS

11AC40SISO-Ant1-5755-PASS

11AC40SISO-Ant1-5795-PASS



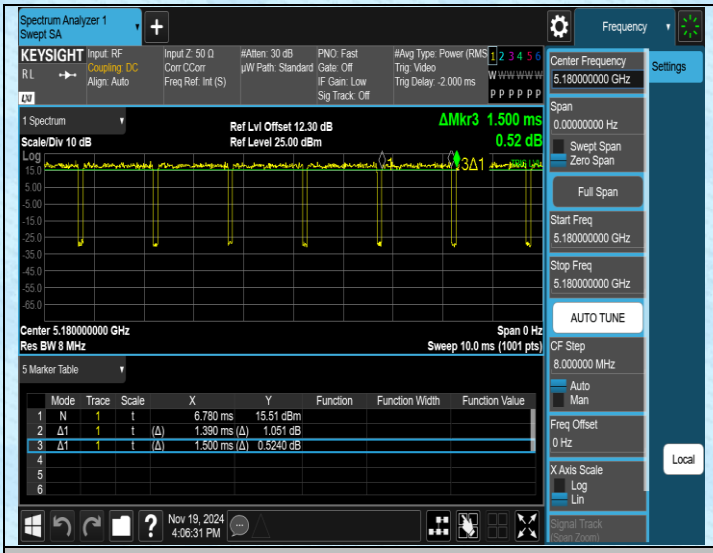
11AC80SISO-Ant1-5775-PASS

AppendixB: Duty Cycle

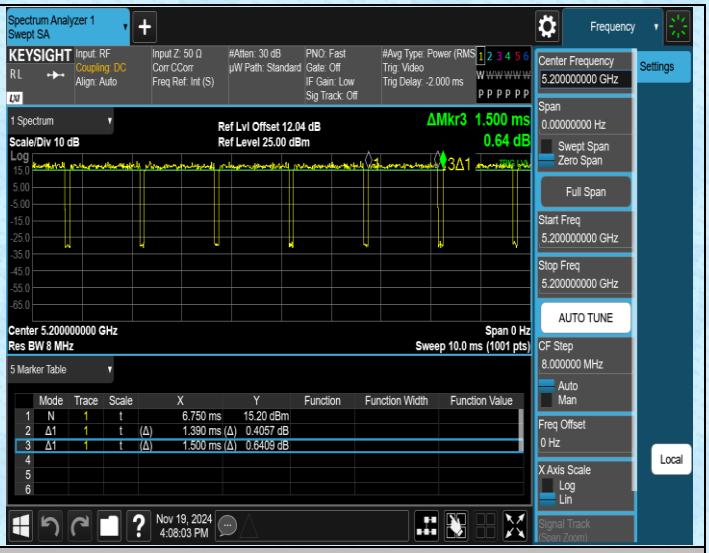
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	6Mbps	1.39	1.50	92.67
11A	Ant1	5200	6Mbps	1.39	1.50	92.67
11A	Ant1	5240	6Mbps	1.39	1.50	92.67
11A	Ant1	5745	6Mbps	1.39	1.50	92.67
11A	Ant1	5785	6Mbps	1.39	1.49	93.29
11A	Ant1	5825	6Mbps	1.39	1.50	92.67
11N20SISO	Ant1	5180	MCS0	1.31	1.41	92.91
11N20SISO	Ant1	5200	MCS0	1.31	1.41	92.91
11N20SISO	Ant1	5240	MCS0	1.31	1.41	92.91
11N20SISO	Ant1	5745	MCS0	1.31	1.41	92.91
11N20SISO	Ant1	5785	MCS0	1.31	1.41	92.91
11N20SISO	Ant1	5825	MCS0	1.30	1.41	92.20
11N40SISO	Ant1	5190	MCS0	0.94	0.98	95.92
11N40SISO	Ant1	5230	MCS0	0.94	0.98	95.92
11N40SISO	Ant1	5755	MCS0	0.94	0.98	95.92
11N40SISO	Ant1	5795	MCS0	0.94	0.98	95.92
11AC20SISO	Ant1	5180	MCS0	2.55	2.57	99.22
11AC20SISO	Ant1	5200	MCS0	2.54	2.57	98.83
11AC20SISO	Ant1	5240	MCS0	2.55	2.57	99.22
11AC20SISO	Ant1	5745	MCS0	2.55	2.57	99.22
11AC20SISO	Ant1	5785	MCS0	2.55	2.57	99.22
11AC20SISO	Ant1	5825	MCS0	2.54	2.57	98.83
11AC40SISO	Ant1	5190	MCS0	1.24	1.28	96.88
11AC40SISO	Ant1	5230	MCS0	1.25	1.29	96.90
11AC40SISO	Ant1	5755	MCS0	1.25	1.27	98.43
11AC40SISO	Ant1	5795	MCS0	1.25	1.27	98.43
11AC80SISO	Ant1	5210	MCS0	0.60	0.62	96.77
11AC80SISO	Ant1	5775	MCS0	0.61	0.63	96.83

Test Graphs



NTNV-11A-Ant1-5180



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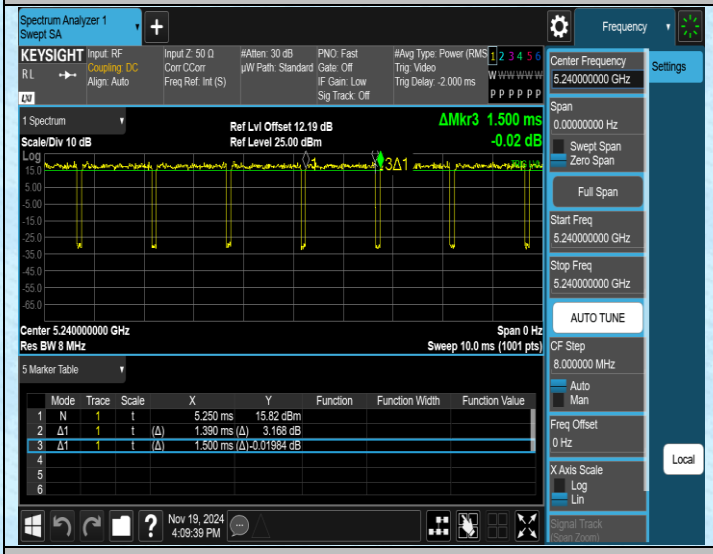

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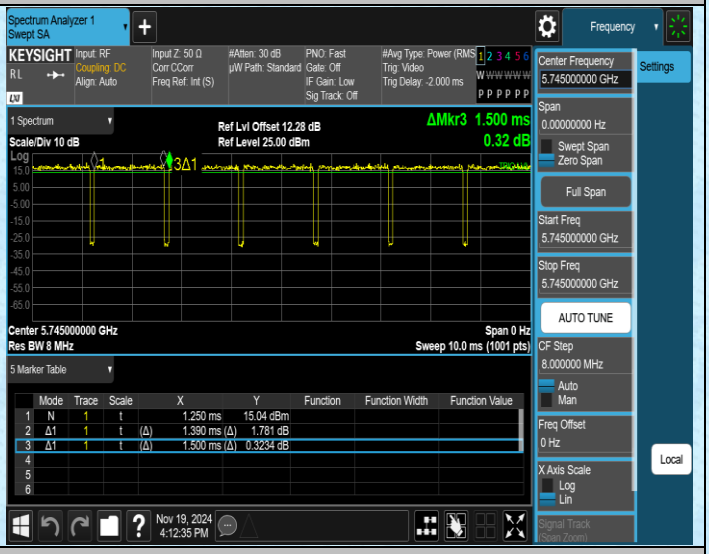
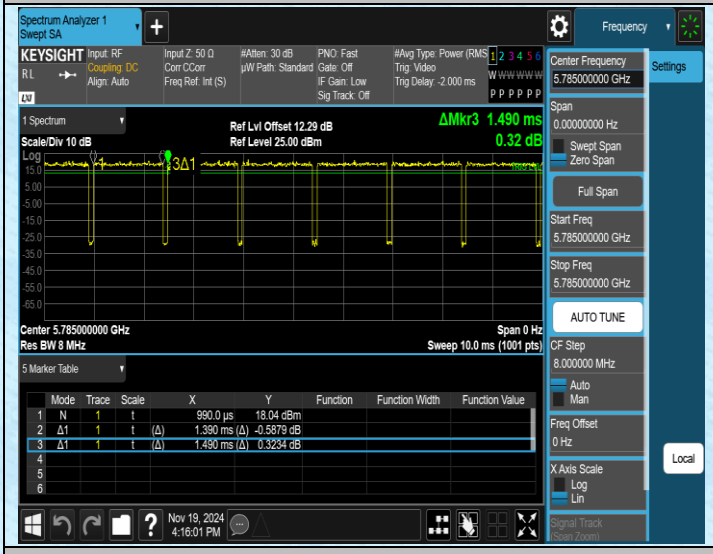


NTNV-11A-Ant1-5745



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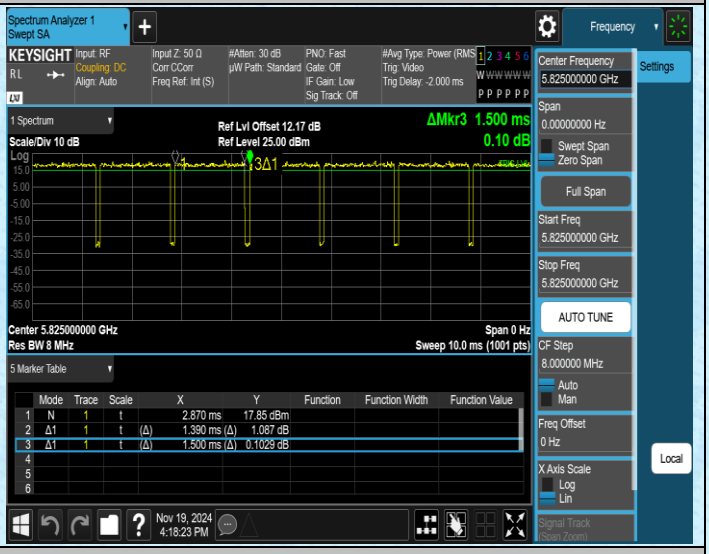

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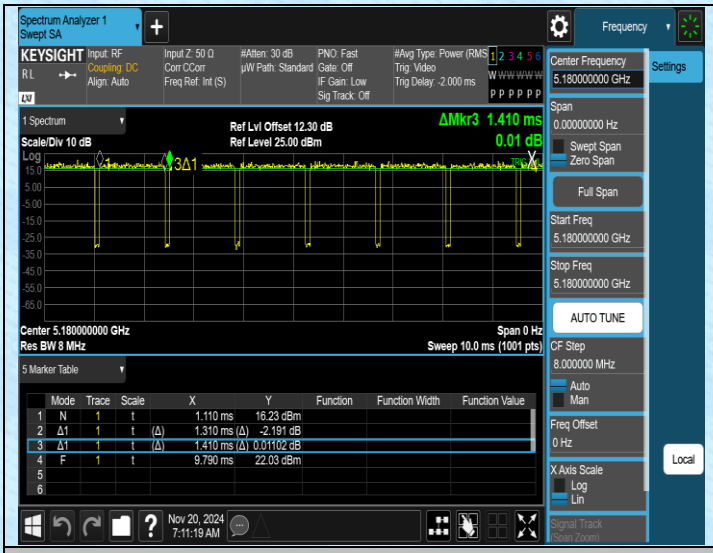

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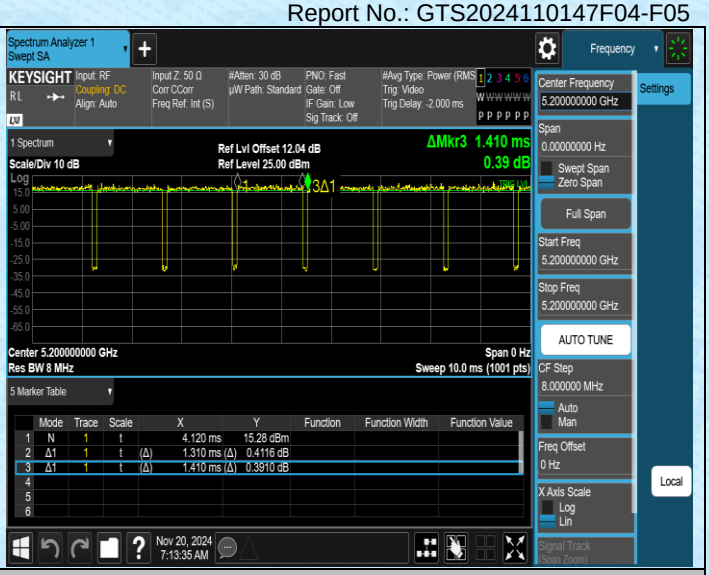

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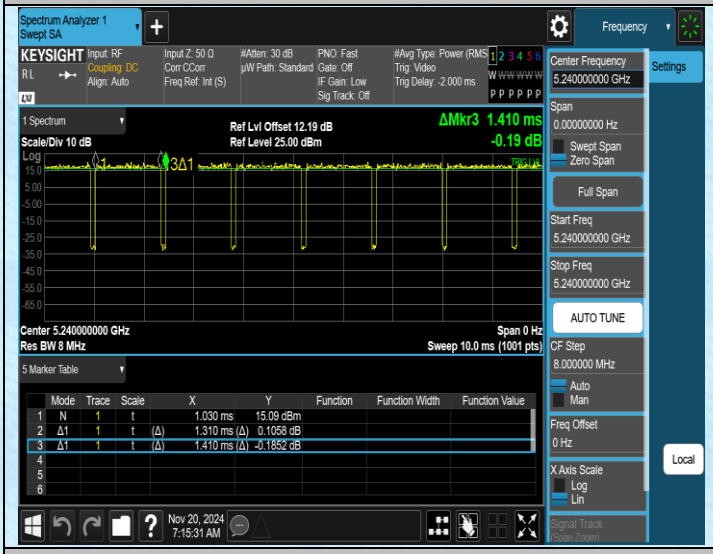

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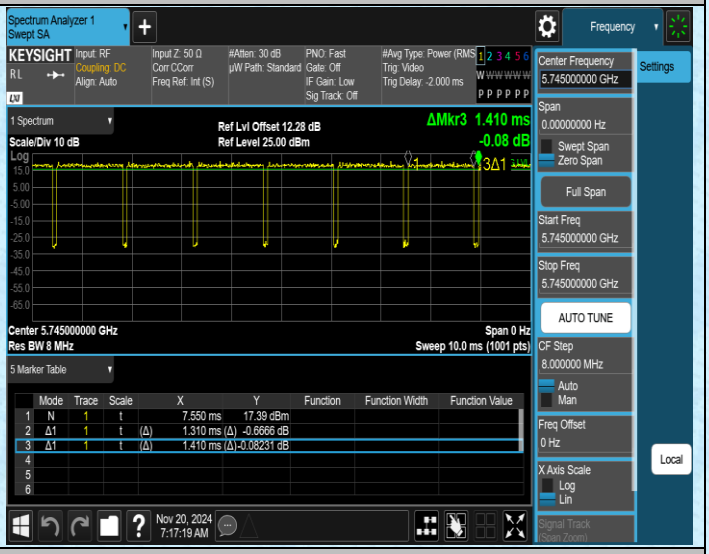

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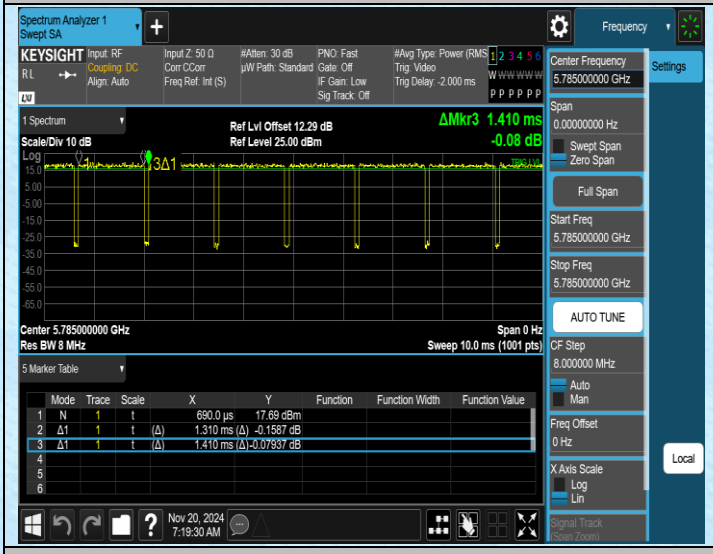

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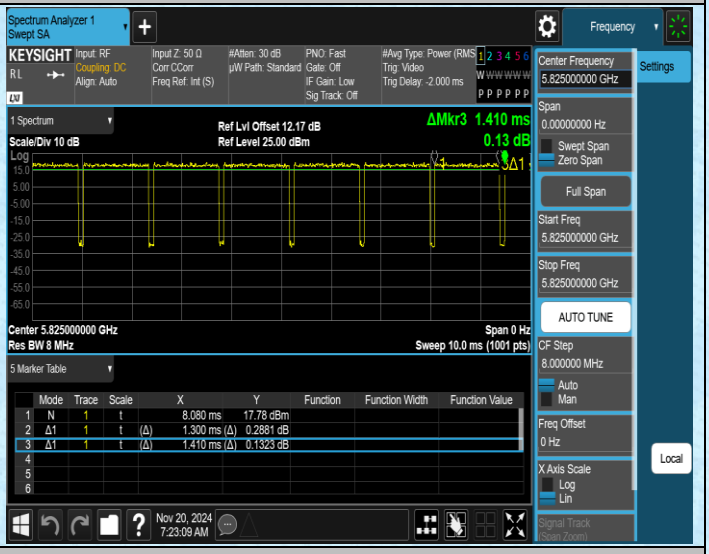

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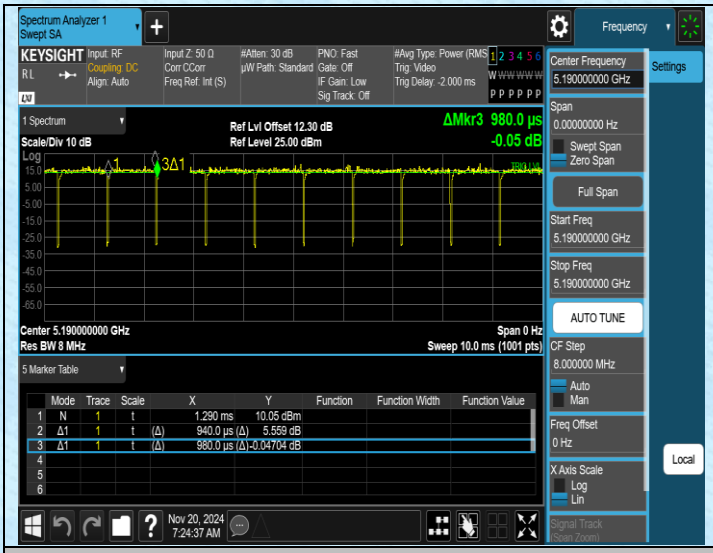

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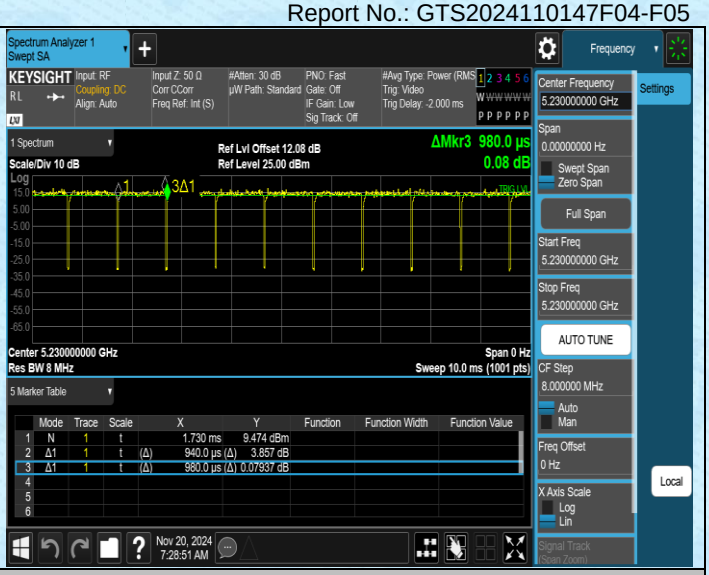

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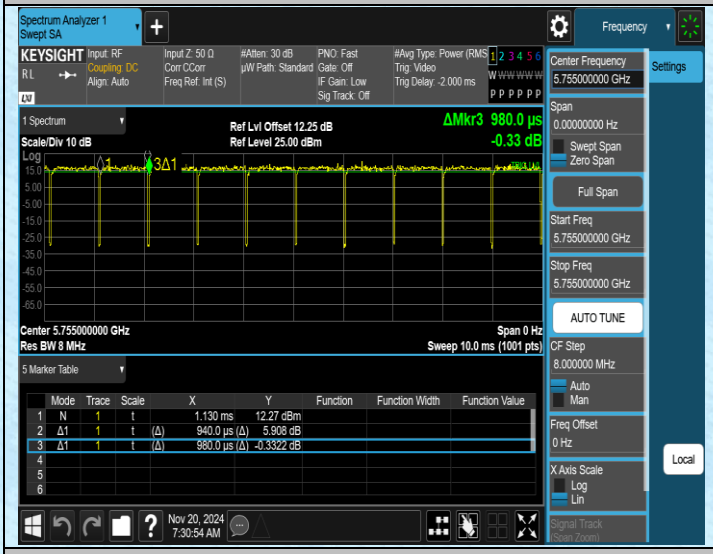

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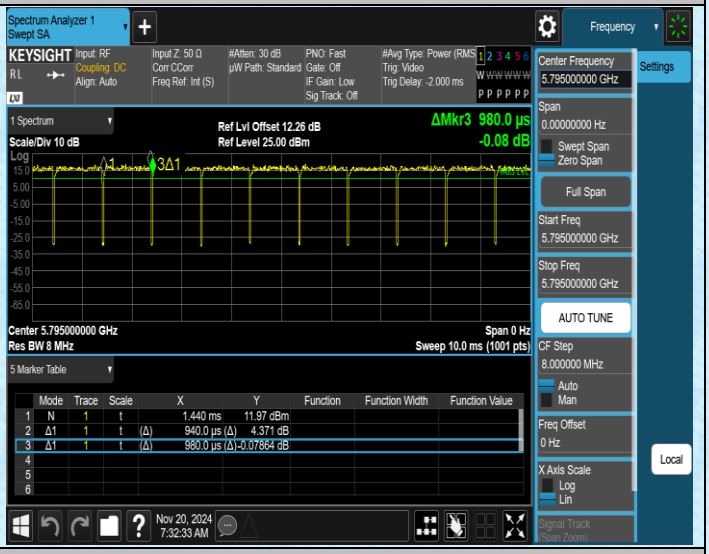

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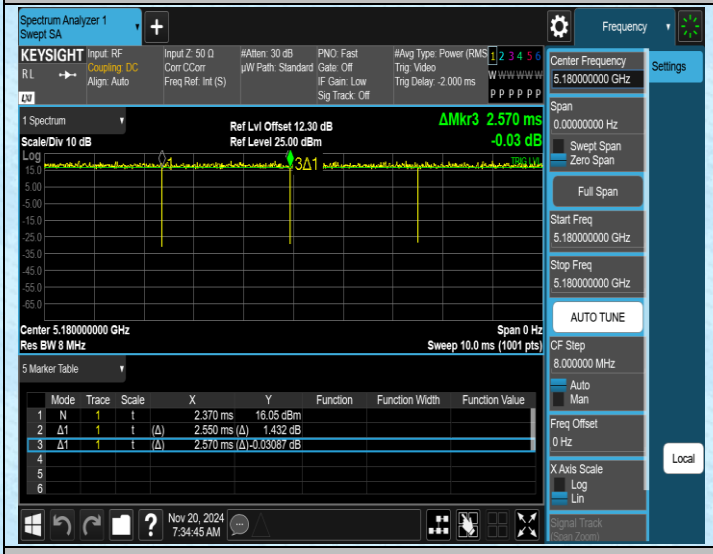
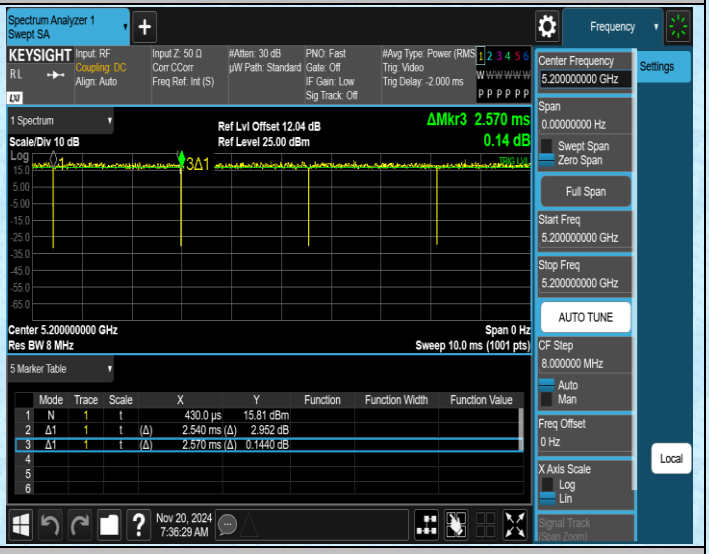


NTNV-11AC20SISO-Ant1-5180



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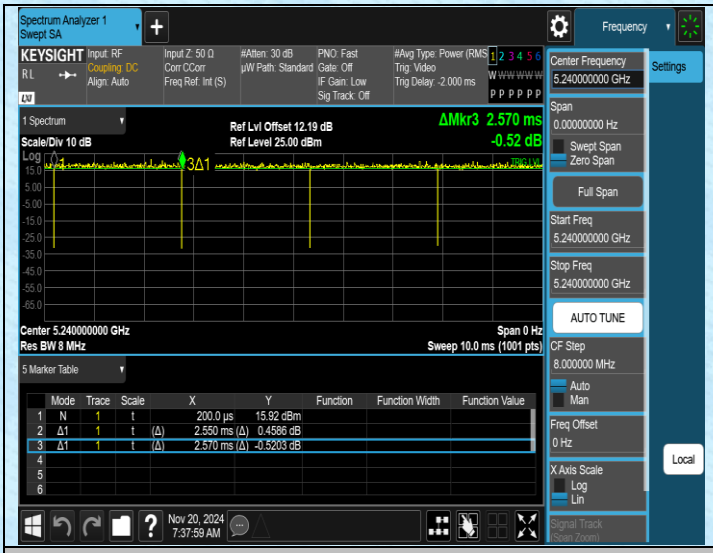

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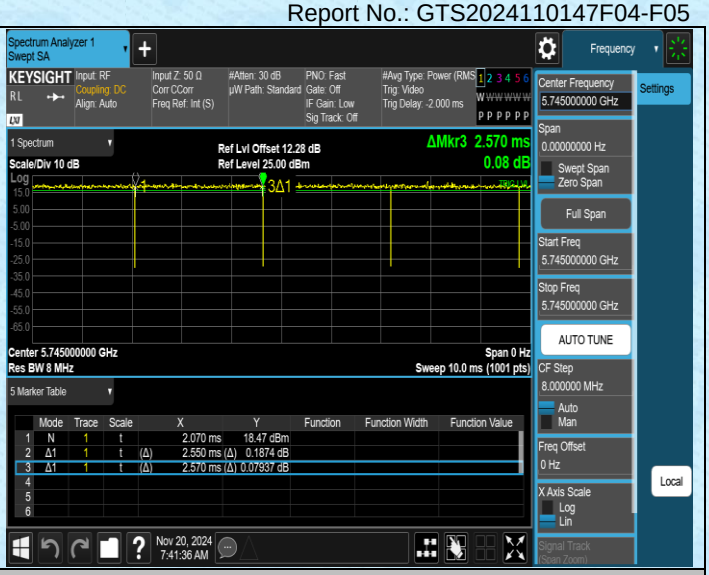
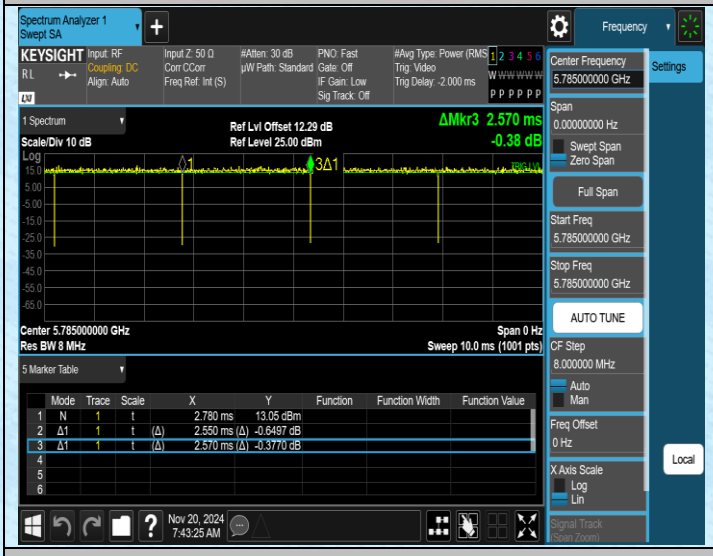


NTNV-11AC20SISO-Ant1-5745



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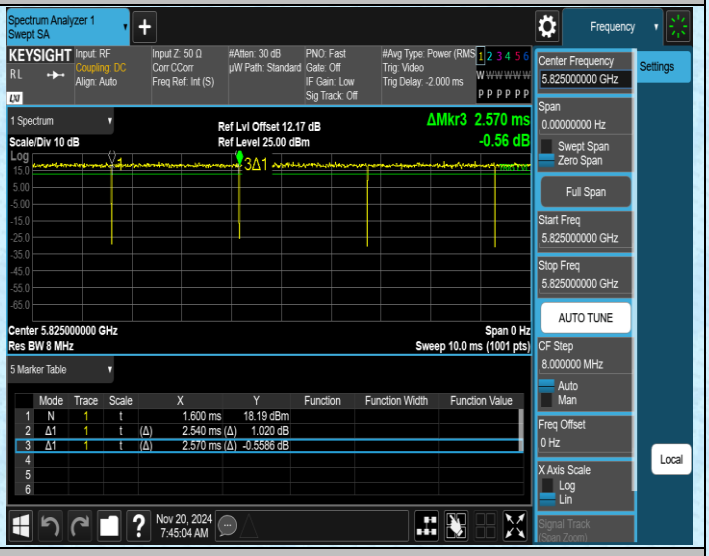

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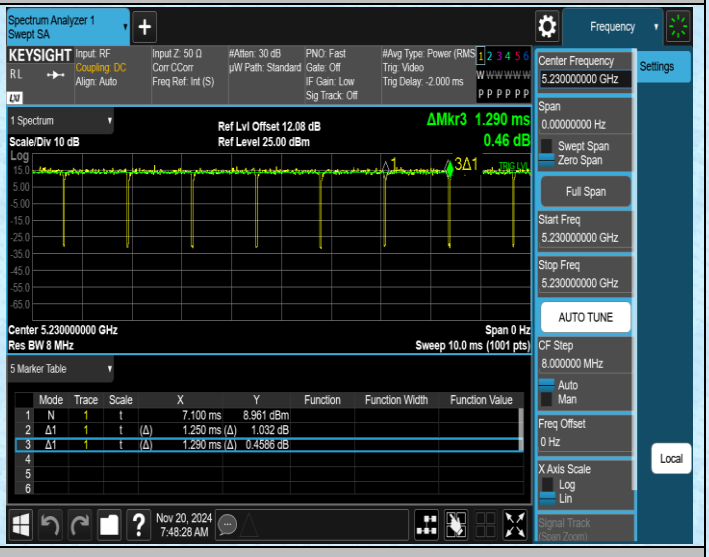
NTNV-11AC40SISO-Ant1-5190



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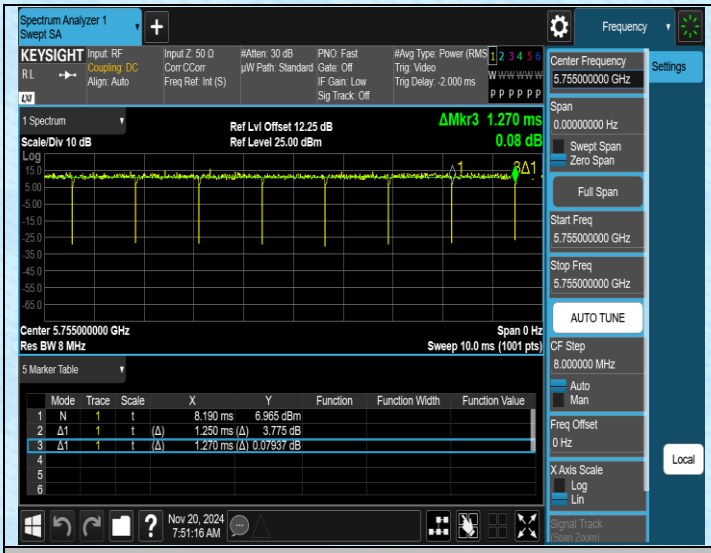
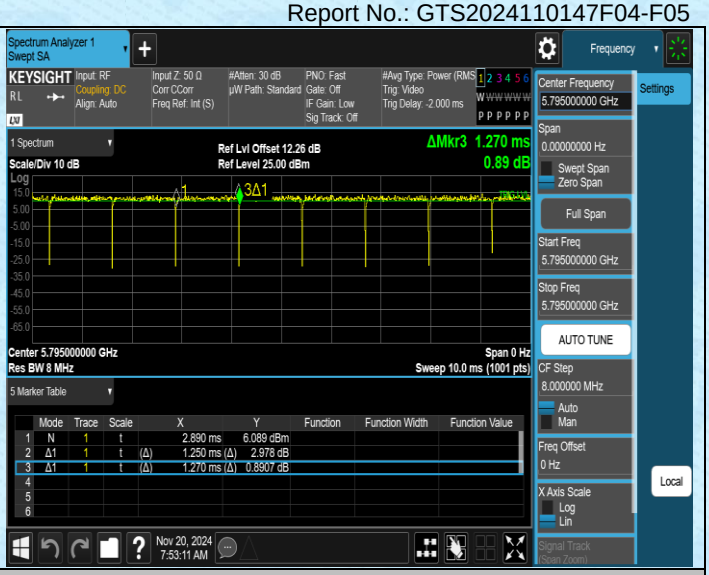
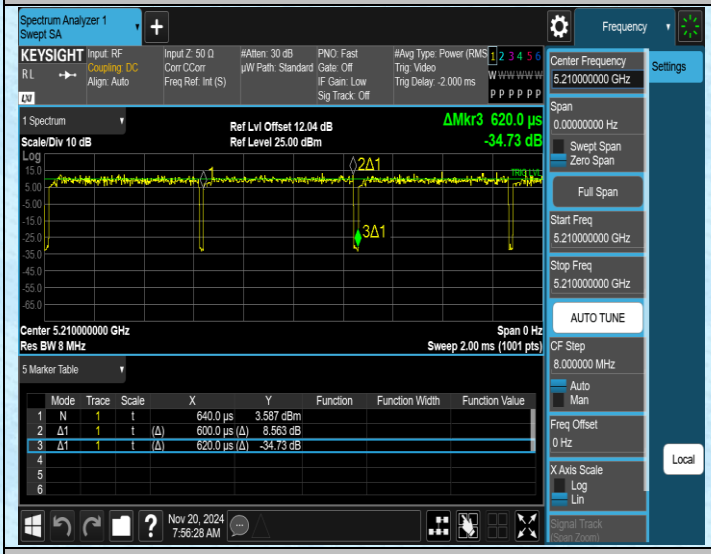


NTNV-11AC40SISO-Ant1-5755



NTNV-11AC40SISO-Ant1-5795



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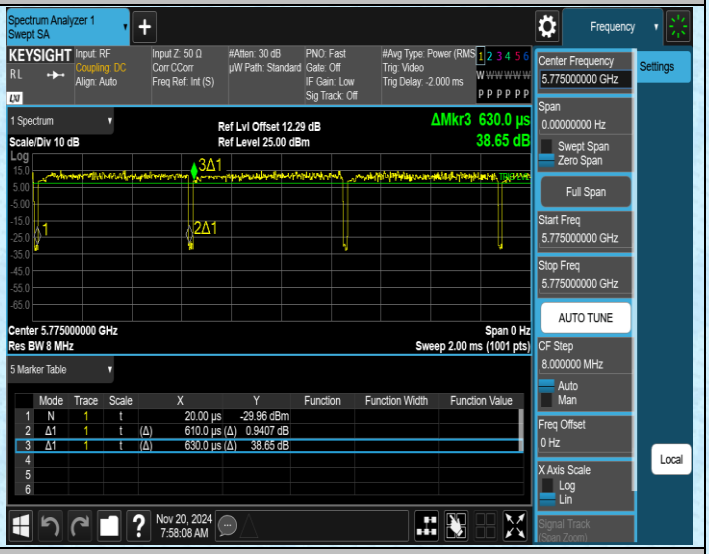


NTNV-11AC80SISO-Ant1-5775

AppendixC: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Rate	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	6Mbps	12.38	92.67	0.33	12.71	≤23.98	PASS
11A	Ant1	5200	6Mbps	12.38	92.67	0.33	12.71	≤23.98	PASS
11A	Ant1	5240	6Mbps	12.38	92.67	0.33	12.71	≤23.98	PASS
11A	Ant1	5745	6Mbps	13.21	92.67	0.33	13.54	≤30.00	PASS
11A	Ant1	5785	6Mbps	13.10	93.29	0.30	13.40	≤30.00	PASS
11A	Ant1	5825	6Mbps	13.06	92.67	0.33	13.39	≤30.00	PASS
11N20SISO	Ant1	5180	MCS0	12.39	92.91	0.32	12.71	≤23.98	PASS
11N20SISO	Ant1	5200	MCS0	12.39	92.91	0.32	12.71	≤23.98	PASS
11N20SISO	Ant1	5240	MCS0	12.29	92.91	0.32	12.61	≤23.98	PASS
11N20SISO	Ant1	5745	MCS0	13.21	92.91	0.32	13.53	≤30.00	PASS
11N20SISO	Ant1	5785	MCS0	13.06	92.91	0.32	13.38	≤30.00	PASS
11N20SISO	Ant1	5825	MCS0	12.86	92.20	0.35	13.21	≤30.00	PASS
11N40SISO	Ant1	5190	MCS0	12.63	95.92	0.18	12.81	≤23.98	PASS
11N40SISO	Ant1	5230	MCS0	12.48	95.92	0.18	12.66	≤23.98	PASS
11N40SISO	Ant1	5755	MCS0	13.49	95.92	0.18	13.67	≤30.00	PASS
11N40SISO	Ant1	5795	MCS0	13.33	95.92	0.18	13.51	≤30.00	PASS
11AC20SISO	Ant1	5180	MCS0	12.73	99.22	0.03	12.76	≤23.98	PASS
11AC20SISO	Ant1	5200	MCS0	12.60	98.83	0.05	12.65	≤23.98	PASS
11AC20SISO	Ant1	5240	MCS0	12.44	99.22	0.03	12.47	≤23.98	PASS
11AC20SISO	Ant1	5745	MCS0	13.63	99.22	0.03	13.66	≤30.00	PASS
11AC20SISO	Ant1	5785	MCS0	13.43	99.22	0.03	13.46	≤30.00	PASS
11AC20SISO	Ant1	5825	MCS0	13.45	98.83	0.05	13.50	≤30.00	PASS
11AC40SISO	Ant1	5190	MCS0	12.57	96.88	0.14	12.71	≤23.98	PASS
11AC40SISO	Ant1	5230	MCS0	12.48	96.90	0.14	12.62	≤23.98	PASS
11AC40SISO	Ant1	5755	MCS0	13.60	98.43	0.07	13.67	≤30.00	PASS
11AC40SISO	Ant1	5795	MCS0	13.46	98.43	0.07	13.53	≤30.00	PASS
11AC80SISO	Ant1	5210	MCS0	12.62	96.77	0.14	12.76	≤23.98	PASS
11AC80SISO	Ant1	5775	MCS0	13.33	96.83	0.14	13.47	≤30.00	PASS

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

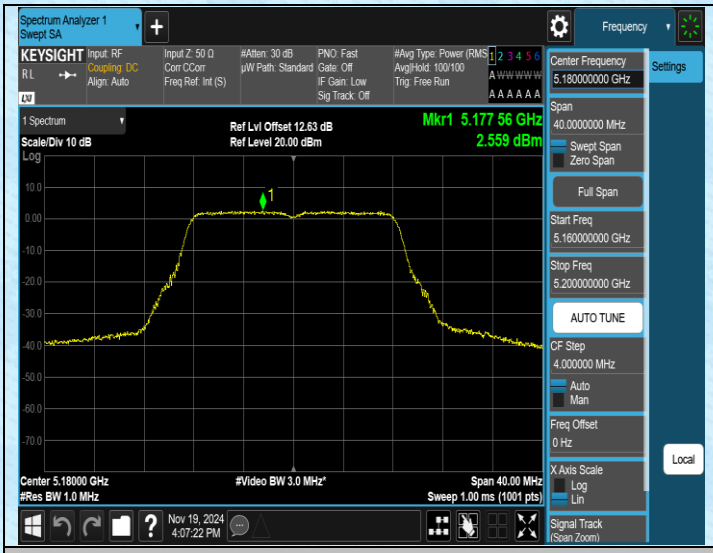
AppendixD: Maximum power spectral density

Test Result

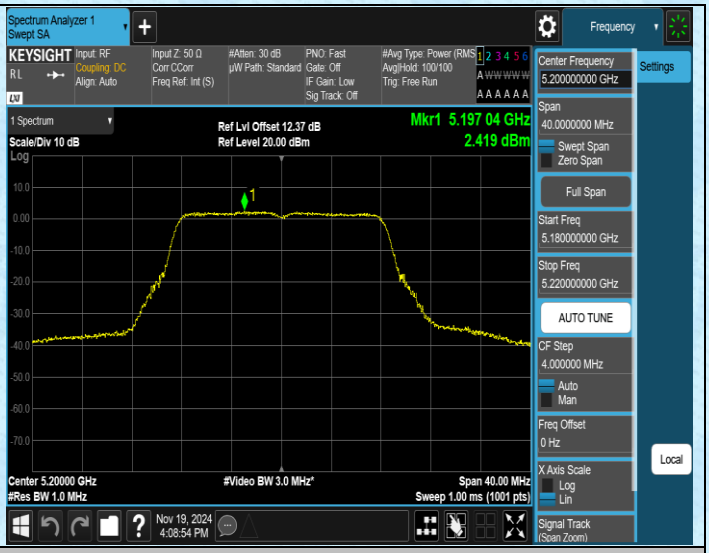
Test Mode	Antenna	Frequency[MHz]	Rate	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6Mbps	2.56	≤11.00	PASS
11A	Ant1	5200	6Mbps	2.42	≤11.00	PASS
11A	Ant1	5240	6Mbps	2.58	≤11.00	PASS
11A	Ant1	5745	6Mbps	1.79	≤30.00	PASS
11A	Ant1	5785	6Mbps	1.66	≤30.00	PASS
11A	Ant1	5825	6Mbps	0.6	≤30.00	PASS
11N20SISO	Ant1	5180	MCS0	2.13	≤11.00	PASS
11N20SISO	Ant1	5200	MCS0	2.2	≤11.00	PASS
11N20SISO	Ant1	5240	MCS0	2.13	≤11.00	PASS
11N20SISO	Ant1	5745	MCS0	1.09	≤30.00	PASS
11N20SISO	Ant1	5785	MCS0	0.86	≤30.00	PASS
11N20SISO	Ant1	5825	MCS0	0.7	≤30.00	PASS
11N40SISO	Ant1	5190	MCS0	-0.36	≤11.00	PASS
11N40SISO	Ant1	5230	MCS0	-0.43	≤11.00	PASS
11N40SISO	Ant1	5755	MCS0	-0.99	≤30.00	PASS
11N40SISO	Ant1	5795	MCS0	-1.2	≤30.00	PASS
11AC20SISO	Ant1	5180	MCS0	2.39	≤11.00	PASS
11AC20SISO	Ant1	5200	MCS0	2.32	≤11.00	PASS
11AC20SISO	Ant1	5240	MCS0	2.55	≤11.00	PASS
11AC20SISO	Ant1	5745	MCS0	1.53	≤30.00	PASS
11AC20SISO	Ant1	5785	MCS0	1.36	≤30.00	PASS
11AC20SISO	Ant1	5825	MCS0	0.47	≤30.00	PASS
11AC40SISO	Ant1	5190	MCS0	-0.39	≤11.00	PASS
11AC40SISO	Ant1	5230	MCS0	-0.34	≤11.00	PASS
11AC40SISO	Ant1	5755	MCS0	-0.65	≤30.00	PASS
11AC40SISO	Ant1	5795	MCS0	-1.29	≤30.00	PASS
11AC80SISO	Ant1	5210	MCS0	-3.41	≤11.00	PASS
11AC80SISO	Ant1	5775	MCS0	-4.35	≤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 Factorand RBW Factor is compensated in the graph.

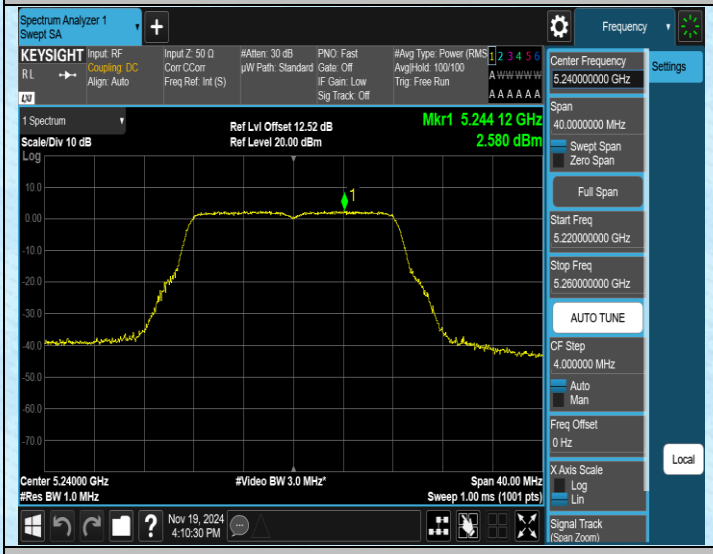
Test Graphs



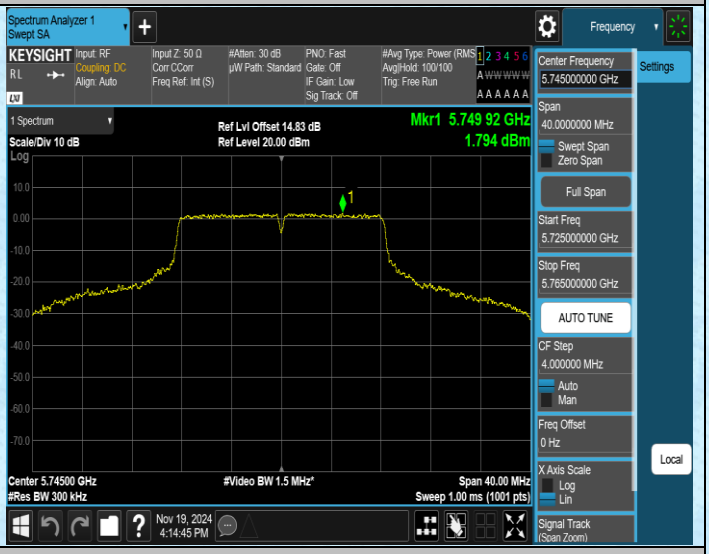
11A-Ant1-5180-PASS



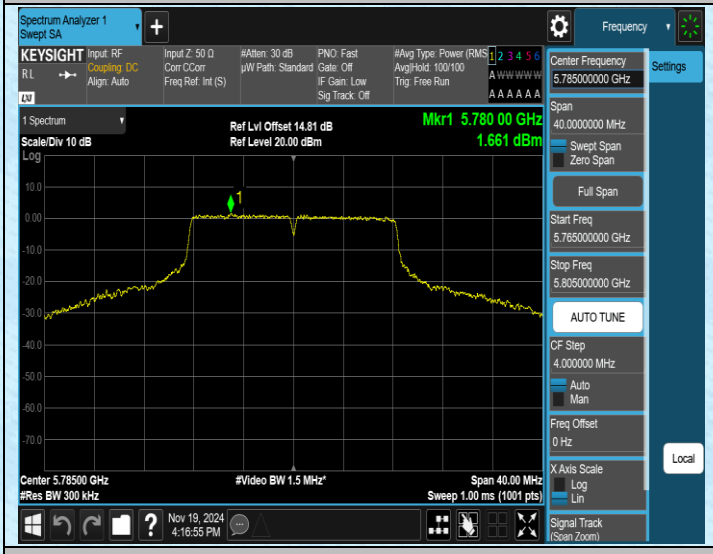
11A-Ant1-5200-PASS



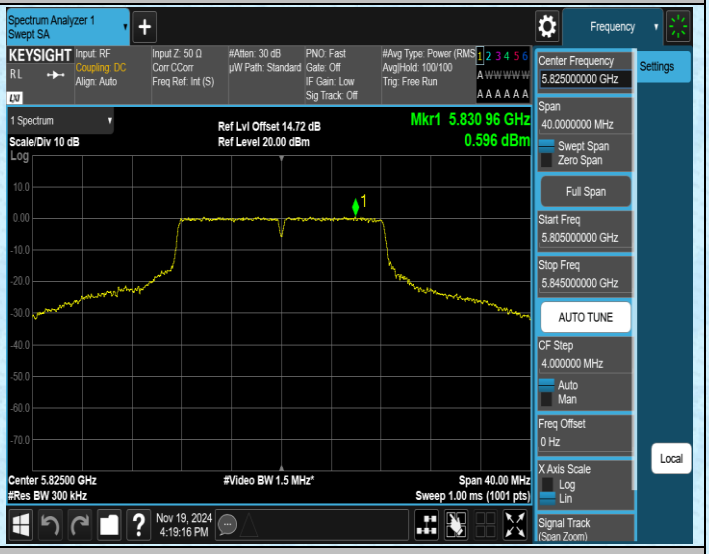
11A-Ant1-5240-PASS



11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



11A-Ant1-5825-PASS