11N40SISO_Ant1_5755

11N40SISO_Ant2_5755


11N40SISO_Ant1_5795

11N40SISO_Ant2_5795


AppendixB: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Power [dBm]	Limit [dBm]	EIRP [dBm]	ERP [dBm]	Verdict
11A	Ant1	5745	14.83	≤30.00	17.83	15.68	PASS
	Ant2	5745	15.68	≤30.00	18.68	16.53	PASS
	Ant1	5785	14.86	≤30.00	17.86	15.71	PASS
	Ant2	5785	16.80	≤30.00	19.80	17.65	PASS
	Ant1	5825	14.05	≤30.00	17.05	14.90	PASS
	Ant2	5825	14.74	≤30.00	17.74	15.59	PASS
11N20MIMO	Ant1	5745	14.08	≤30.00	17.08	14.93	PASS
	Ant2	5745	14.19	≤30.00	17.19	15.04	PASS
	total	5745	17.15	≤30.00	23.16	21.01	PASS
	Ant1	5785	12.78	≤30.00	15.78	13.63	PASS
	Ant2	5785	13.87	≤30.00	16.87	14.72	PASS
	total	5785	16.37	≤30.00	22.38	20.23	PASS
	Ant1	5825	12.04	≤30.00	15.04	12.89	PASS
	Ant2	5825	12.94	≤30.00	15.94	13.79	PASS
	total	5825	15.52	≤30.00	21.53	19.38	PASS
11N40MIMO	Ant1	5755	12.62	≤30.00	15.62	13.47	PASS
	Ant2	5755	13.43	≤30.00	16.43	14.28	PASS
	total	5755	16.05	≤30.00	22.06	19.91	PASS
	Ant1	5795	11.51	≤30.00	14.51	12.36	PASS
	Ant2	5795	12.15	≤30.00	15.15	13.00	PASS
	total	5795	14.85	≤30.00	20.86	18.71	PASS

Note：The Duty Cycle Factoriscompensate inthegraph.

Transmit signals are completely correlated

Directional gain=G_{ANT} +10*log2=6.01

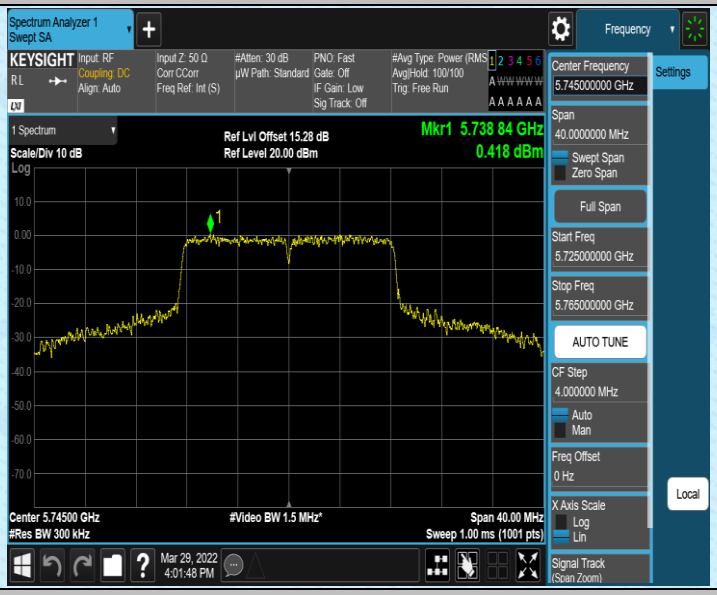
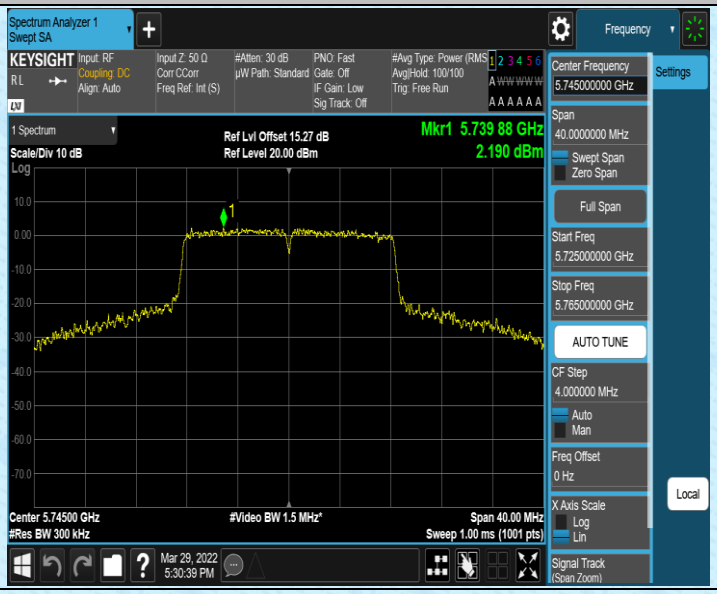
AppendixC: Maximum power spectral density

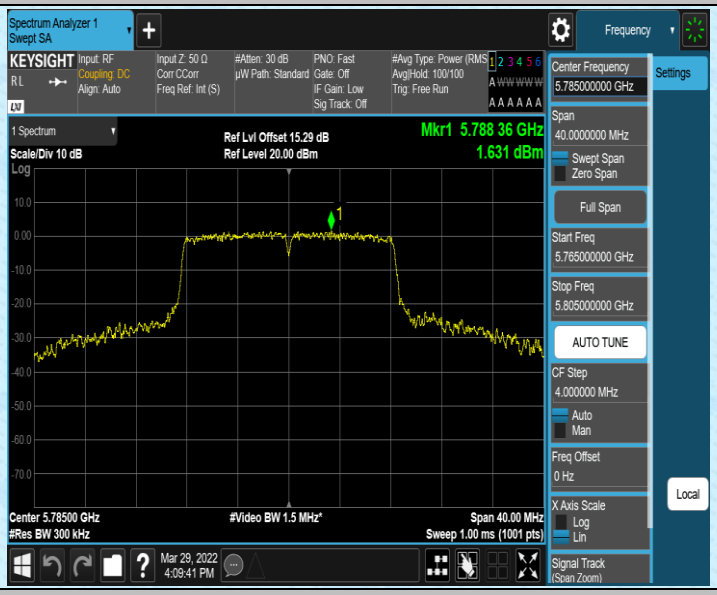
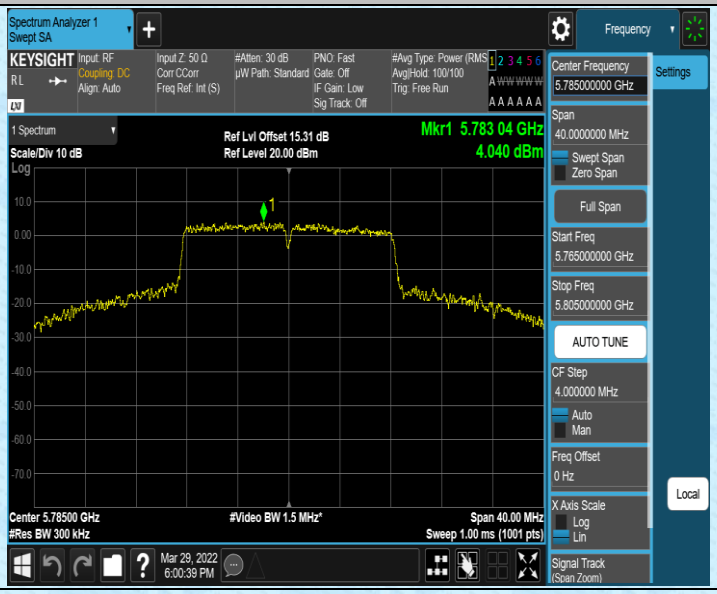
Test Result

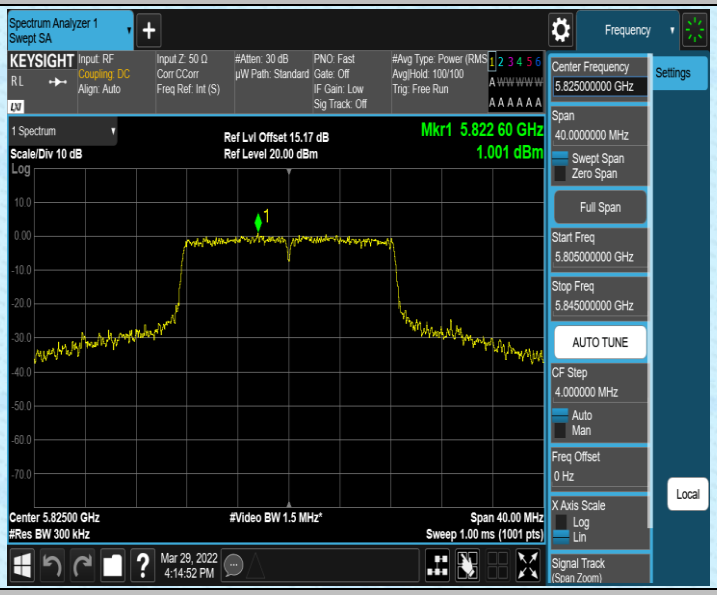
TestMode	Antenna	Channel	Result [dBm/500kHz]	Limit[dBm/500kHz]	Verdict
11A	Ant1	5745	0.42	≤30.00	PASS
	Ant2	5745	2.19	≤30.00	PASS
	Ant1	5785	1.63	≤30.00	PASS
	Ant2	5785	4.04	≤30.00	PASS
	Ant1	5825	1.00	≤30.00	PASS
	Ant2	5825	1.96	≤30.00	PASS
11N20MIMO	Ant1	5745	0.55	≤30.00	PASS
	Ant2	5745	1.65	≤30.00	PASS
	total	5745	4.15	≤30.00	PASS
	Ant1	5785	-0.23	≤30.00	PASS
	Ant2	5785	0.26	≤30.00	PASS
	total	5785	3.03	≤30.00	PASS
	Ant1	5825	-0.82	≤30.00	PASS
	Ant2	5825	-1.05	≤30.00	PASS
	total	5825	2.08	≤30.00	PASS
11N40MIMO	Ant1	5755	-2.85	≤30.00	PASS
	Ant2	5755	-2.43	≤30.00	PASS
	total	5755	0.38	≤30.00	PASS
	Ant1	5795	-4.48	≤30.00	PASS
	Ant2	5795	-5.29	≤30.00	PASS
	total	5795	-1.86	≤30.00	PASS

Note：1.The Duty Cycle Factorand RBW Factoriscompensateinthegraph.

Test Graphs

11A_Ant1_5745

11A_Ant2_5745


11A_Ant1_5785

11A_Ant2_5785


11A_Ant1_5825

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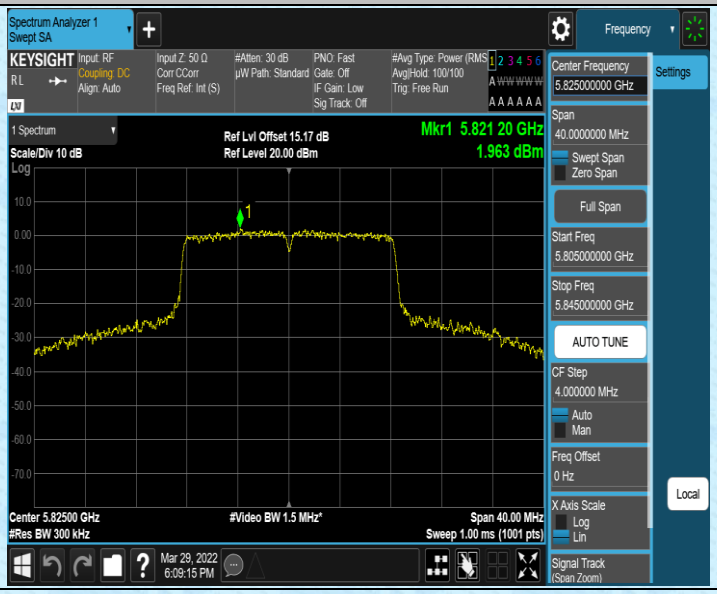

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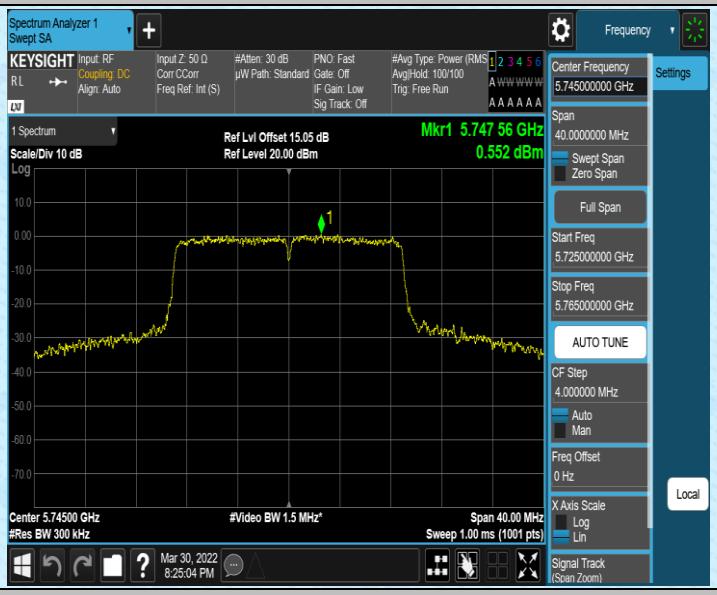
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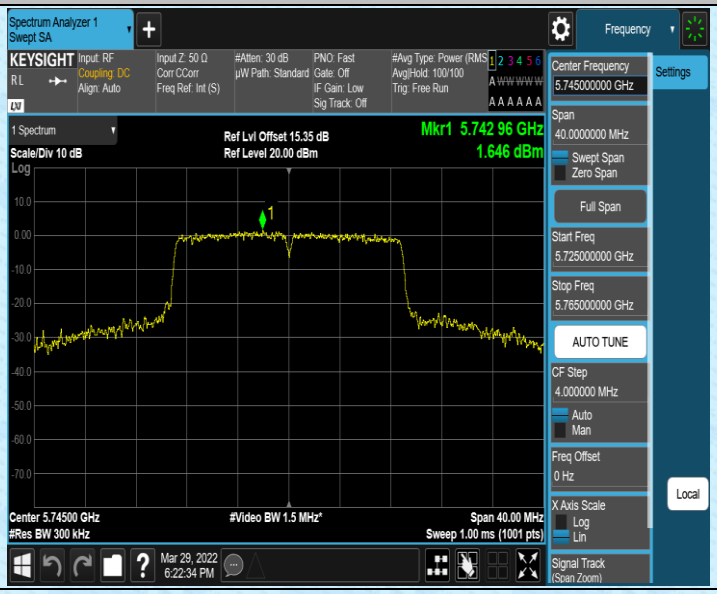

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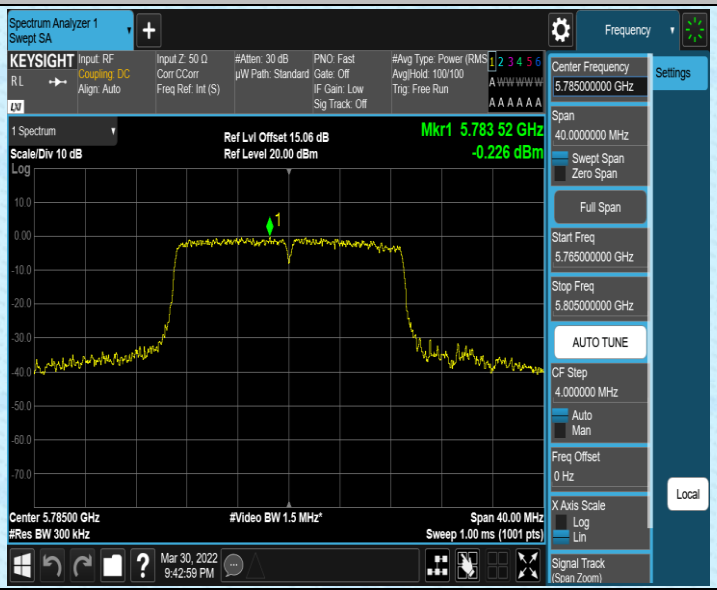
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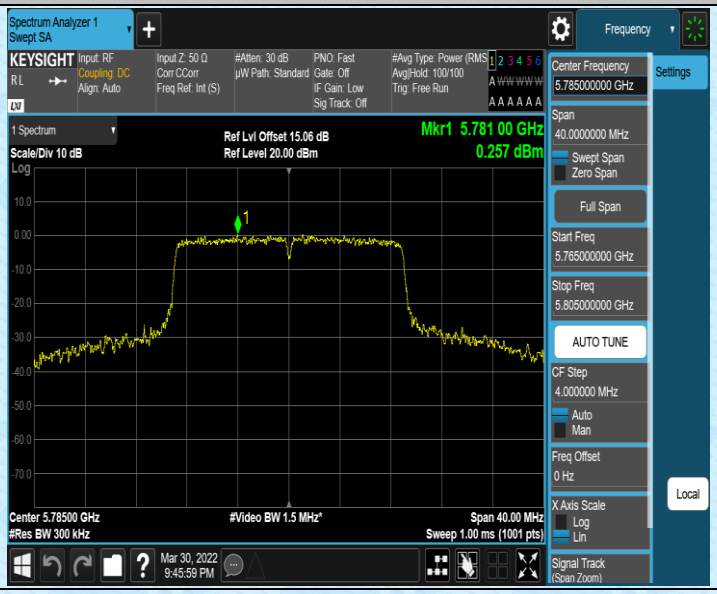

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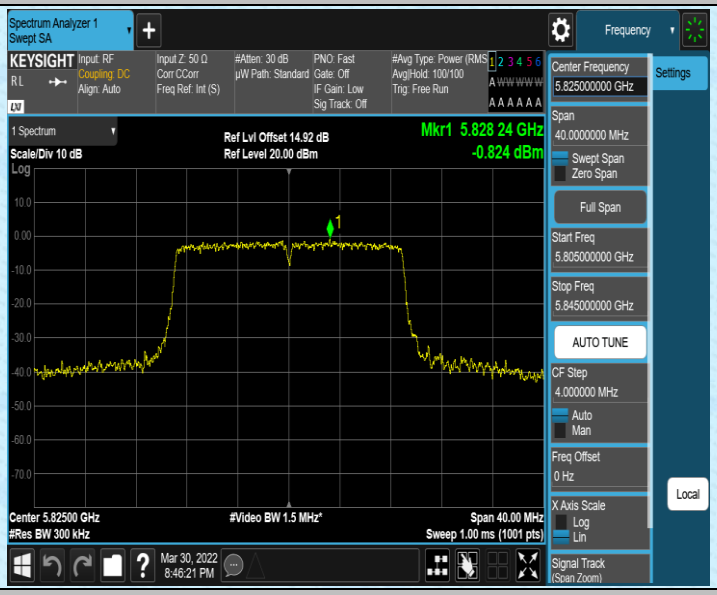
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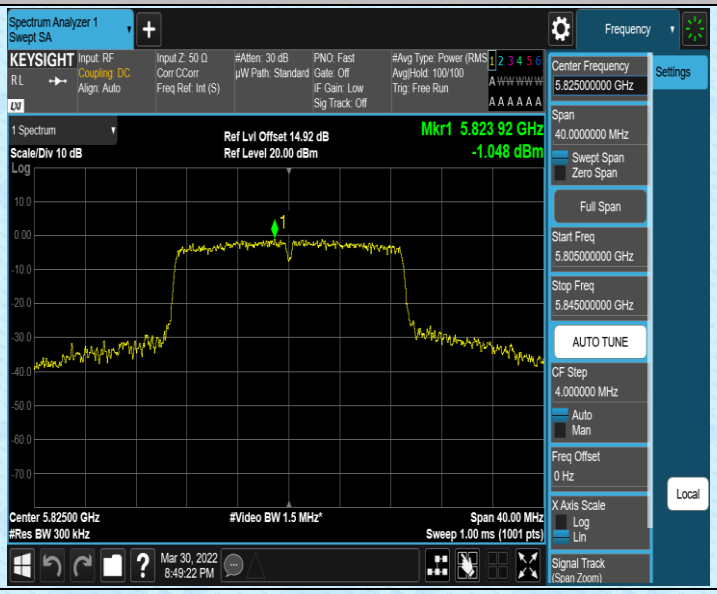
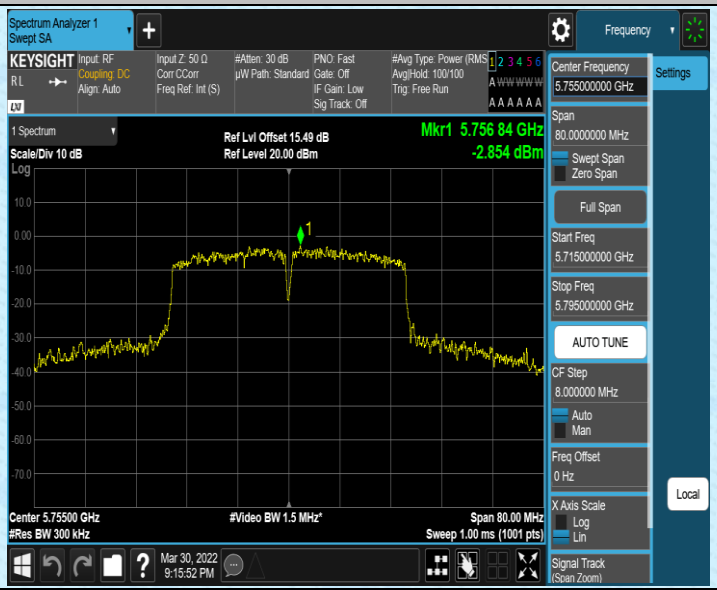


11N40MIMO_Ant1_5755

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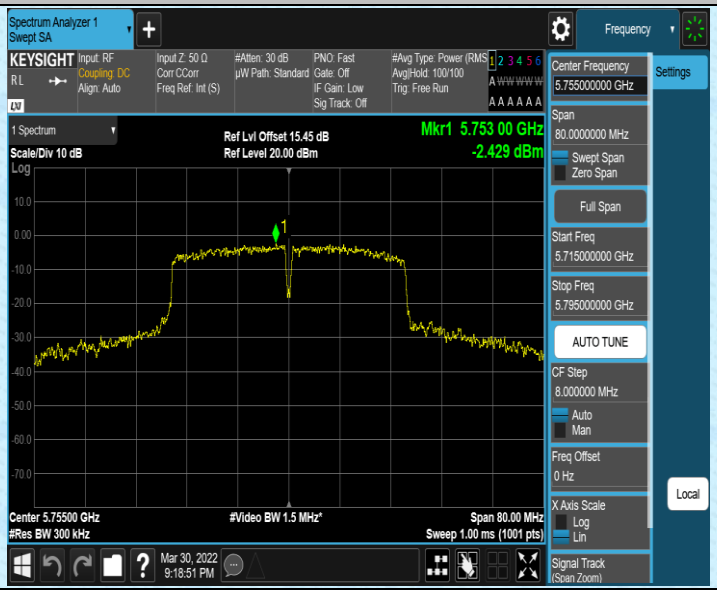
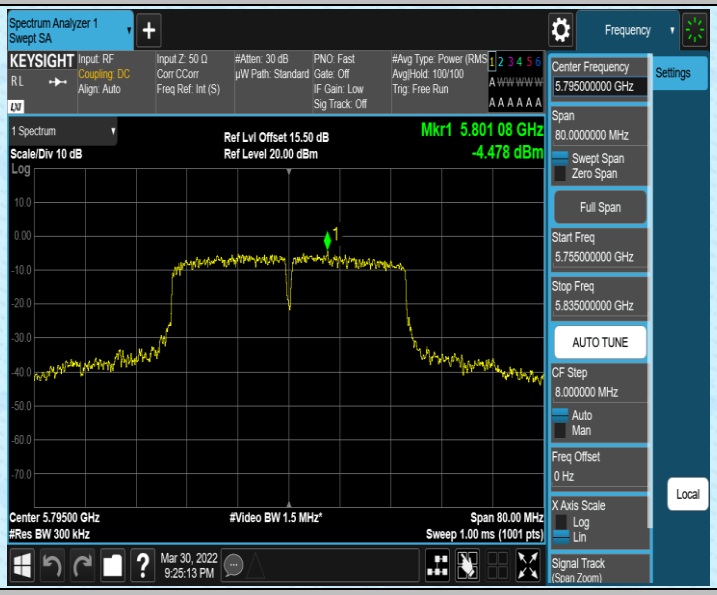


11N40MIMO_Ant1_5795

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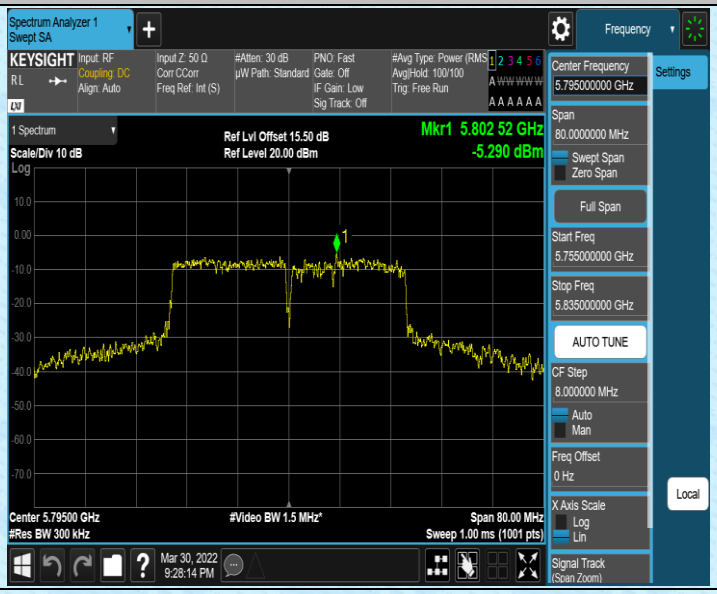
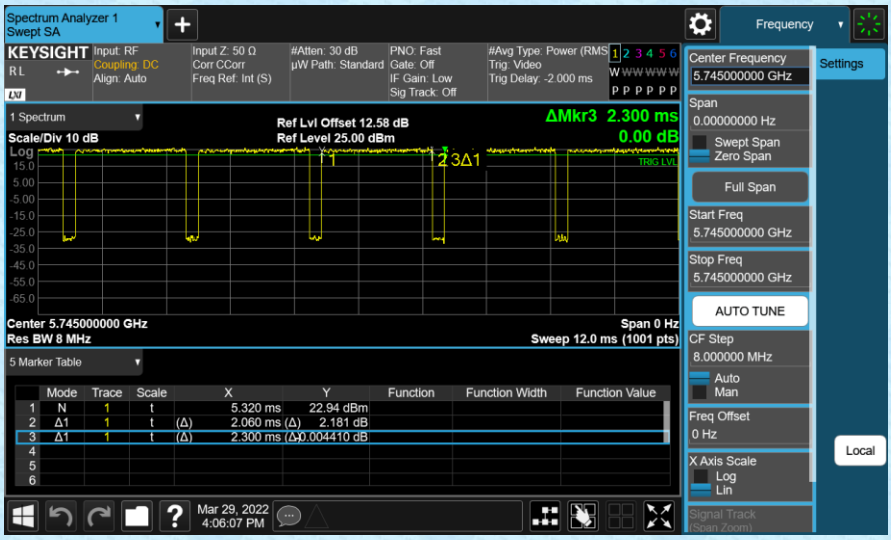
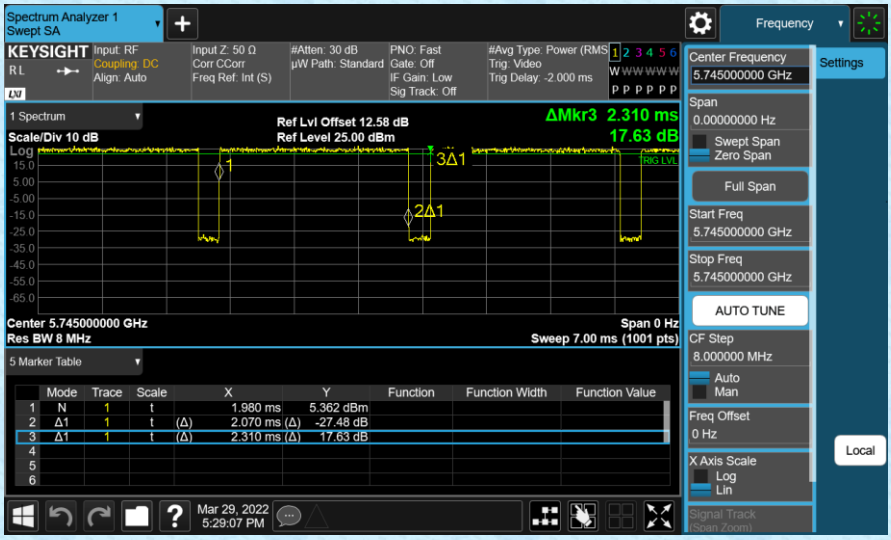


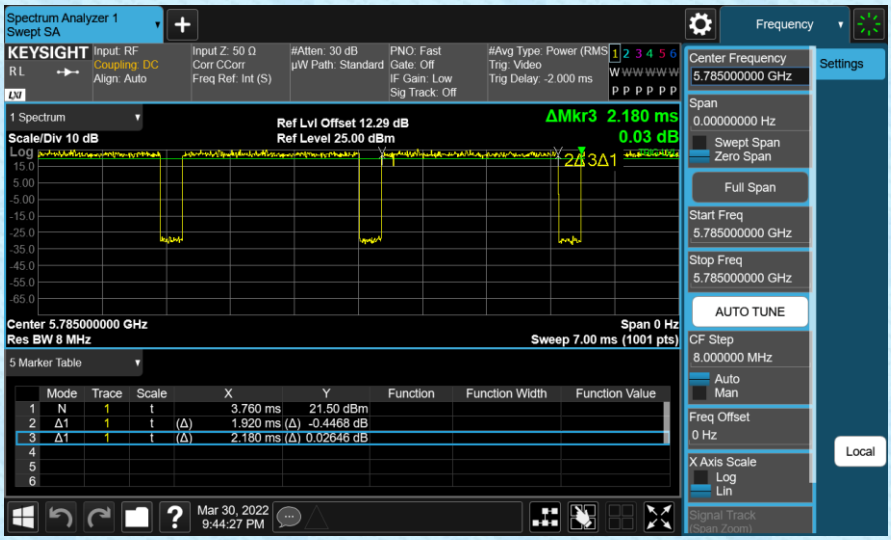
AppendixD: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5745	2.06	2.30	89.57	---	---
	Ant2	5745	2.07	2.31	89.61	---	---
	Ant1	5785	2.06	2.30	89.57	---	---
	Ant2	5785	2.06	2.30	89.57	---	---
	Ant1	5825	2.06	2.30	89.57	---	---
	Ant2	5825	2.06	2.30	89.57	---	---
11N20MIMO	Ant1	5745	1.91	2.17	88.02	---	---
	Ant2	5745	1.92	2.17	88.48	---	---
	Ant1	5785	1.91	2.17	88.02	---	---
	Ant2	5785	1.92	2.18	88.07	---	---
	Ant1	5825	1.93	2.18	88.53	---	---
	Ant2	5825	1.92	2.17	88.48	---	---
11N40MIMO	Ant1	5755	0.94	1.19	78.99	---	---
	Ant2	5755	0.95	1.19	79.83	---	---
	Ant1	5795	0.94	1.19	78.99	---	---
	Ant2	5795	0.94	1.19	78.99	---	---

Test Graphs

11A_Ant1_5745

11A_Ant2_5745


11A_Ant1_5785

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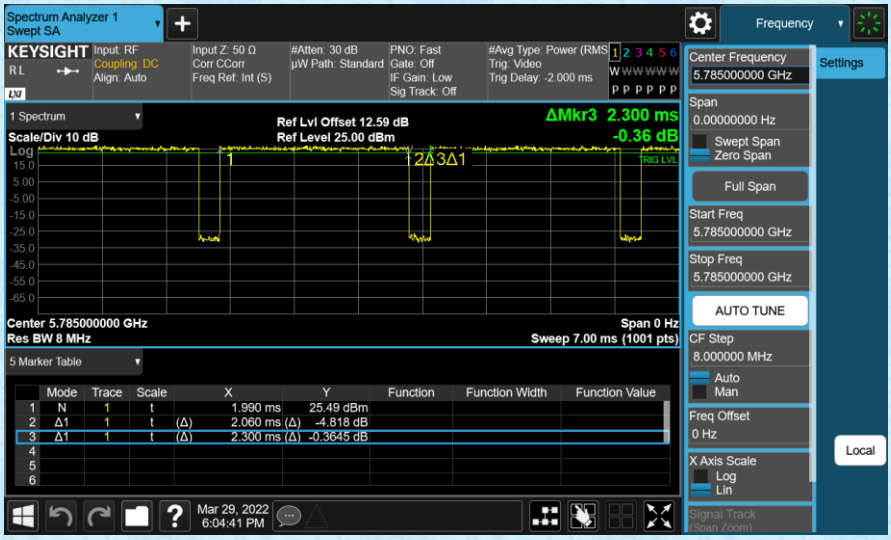
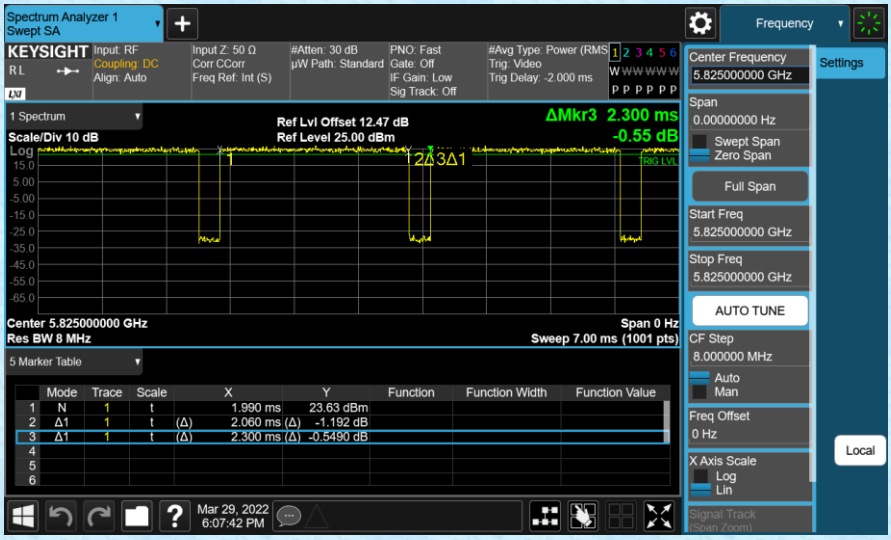
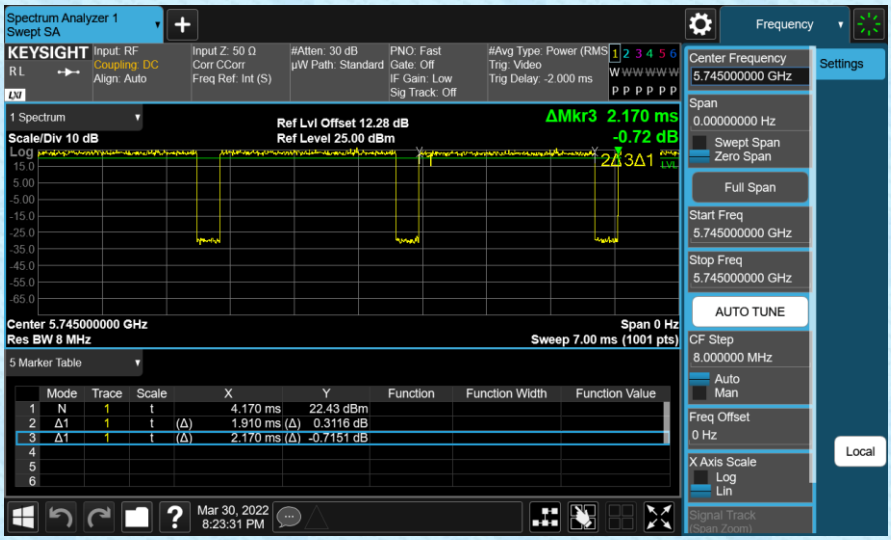
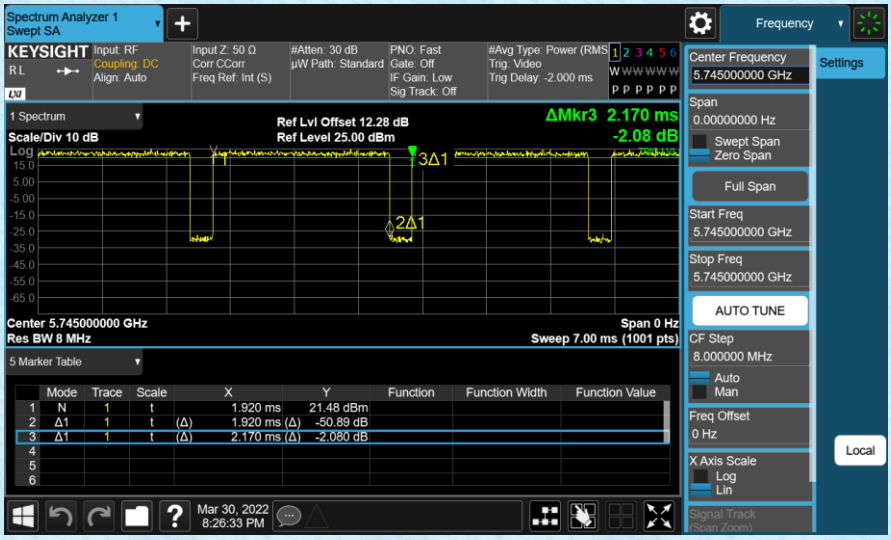


11A_Ant1_5825

11A_Ant2_5825


11N20MIMO_Ant1_5745

11N20MIMO_Ant2_5745


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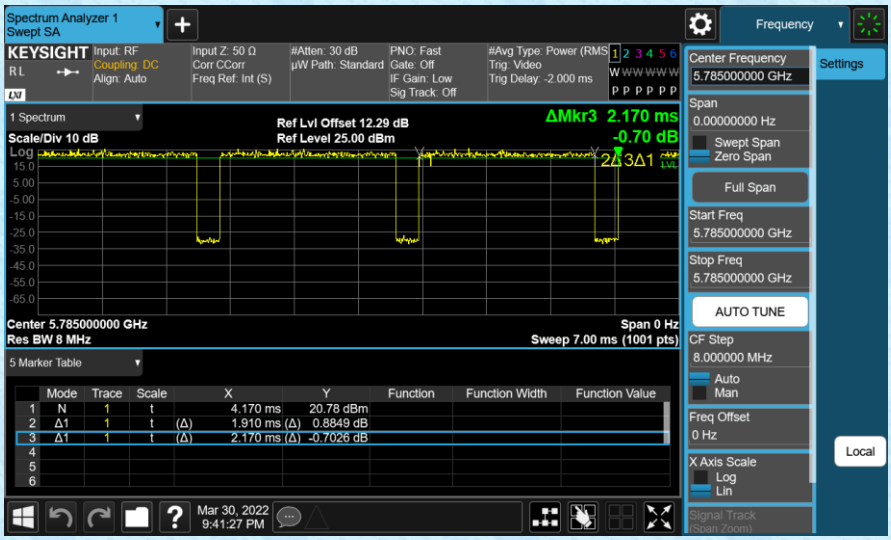
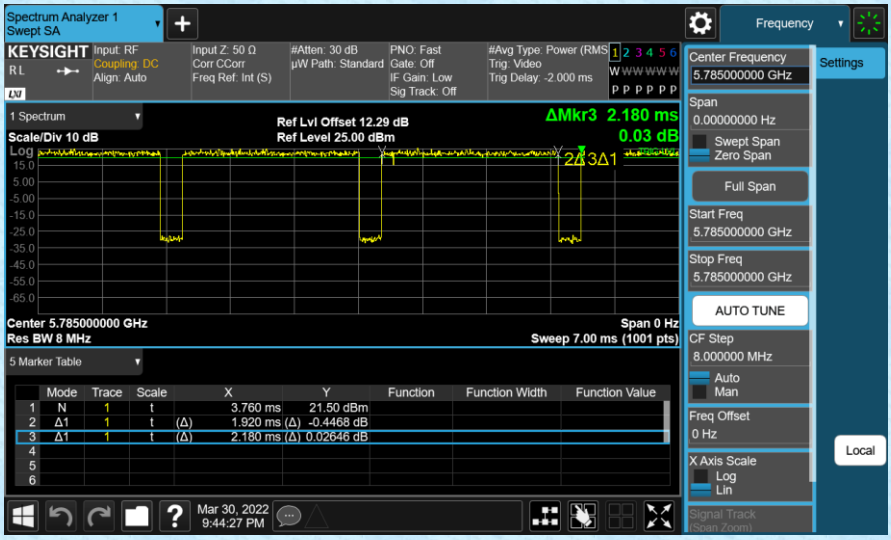

11N20MIMO_Ant2_5785


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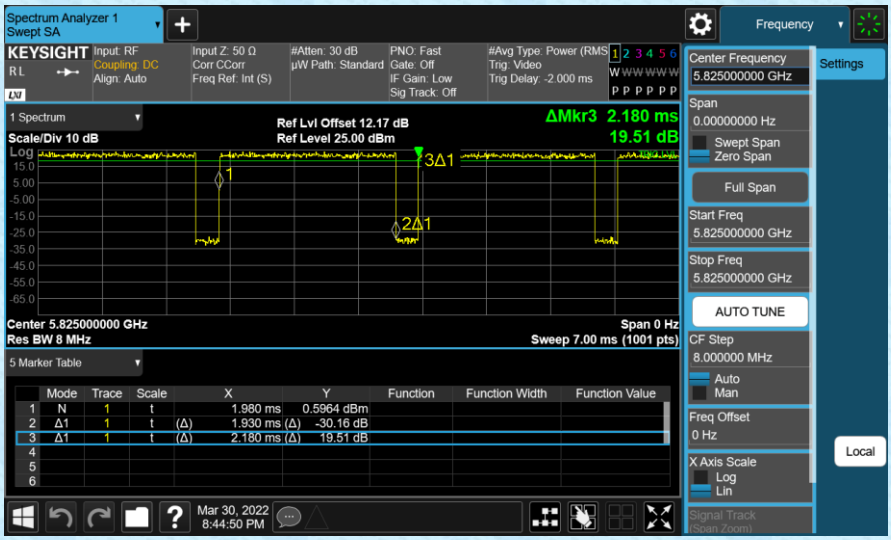
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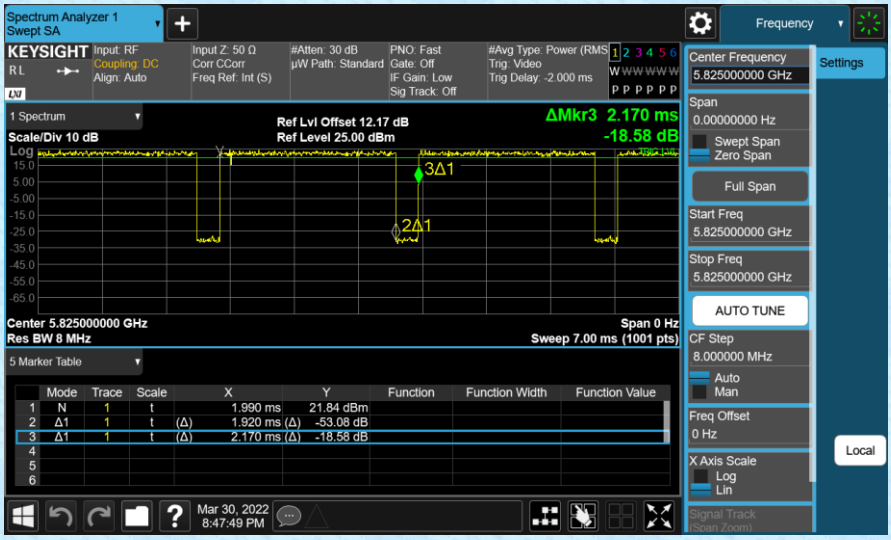

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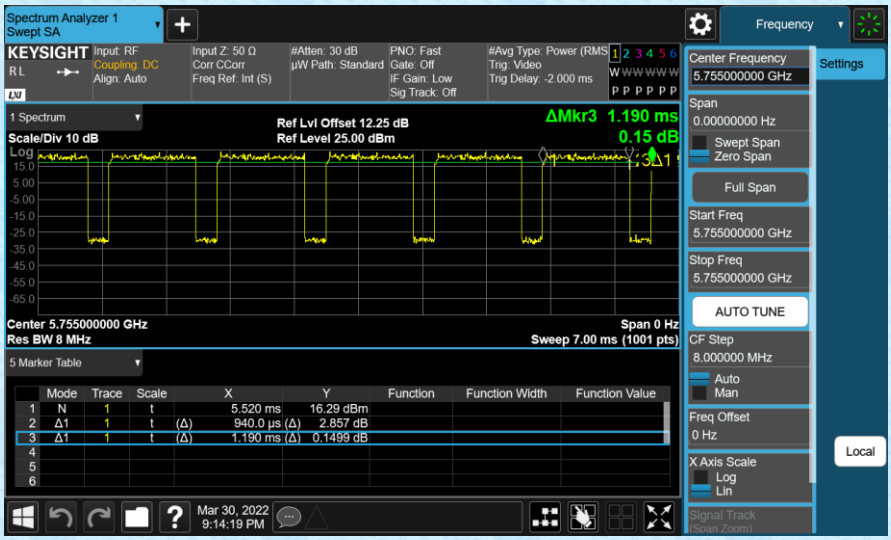
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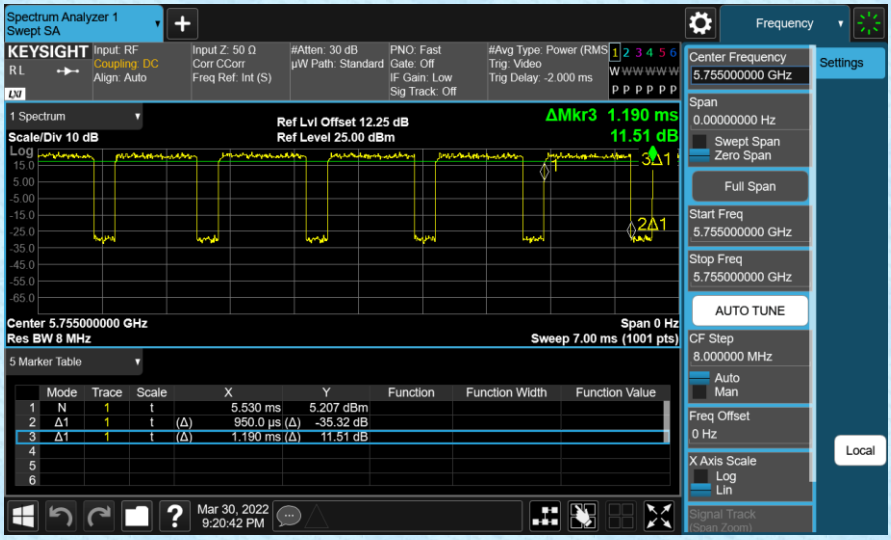
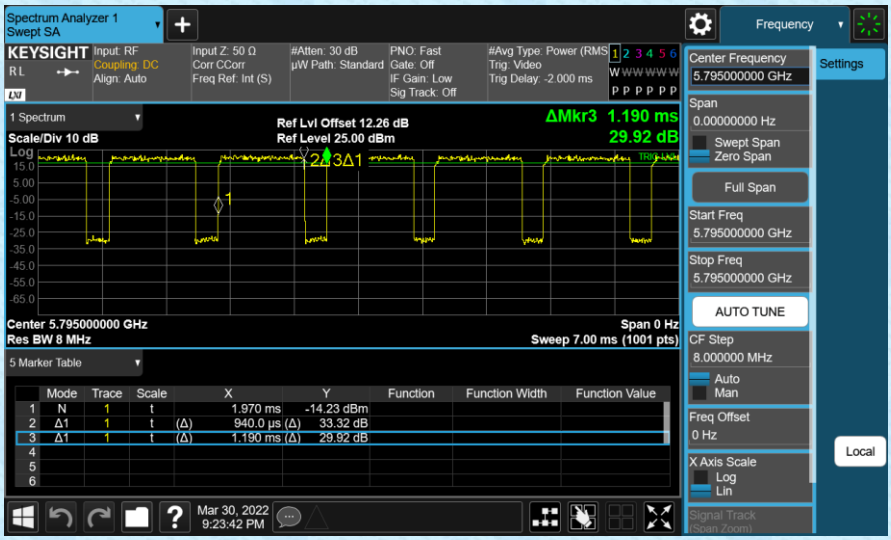


11N40MIMO_Ant1_5795

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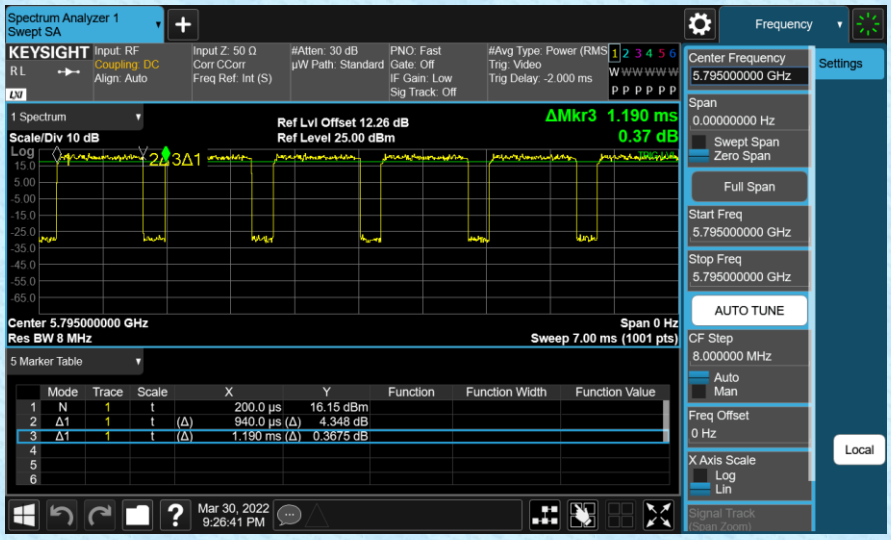

AppendixE:Frequency Stability

Test Result

Test Condition	Test Mode	Test Frequency[MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	Carrier	5745	1	-6.69	<=20	PASS
		5755	1	-6.22	<=20	PASS
		5775	1	-6.47	<=20	PASS
		5785	1	-6.52	<=20	PASS
		5795	1	-6.65	<=20	PASS
		5825	1	-7.11	<=20	PASS

---END---