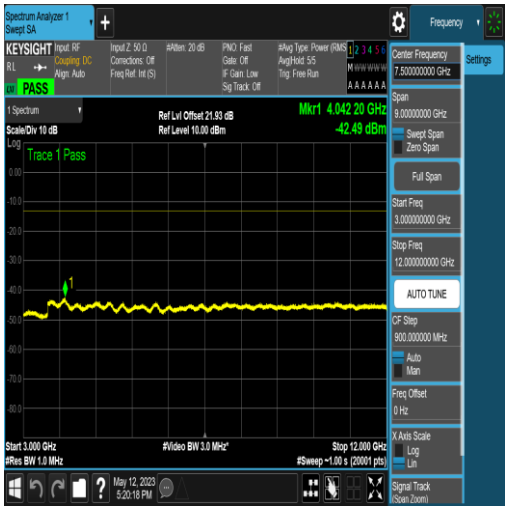

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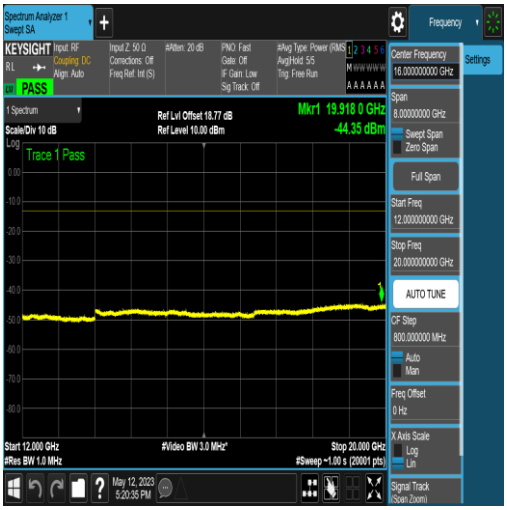

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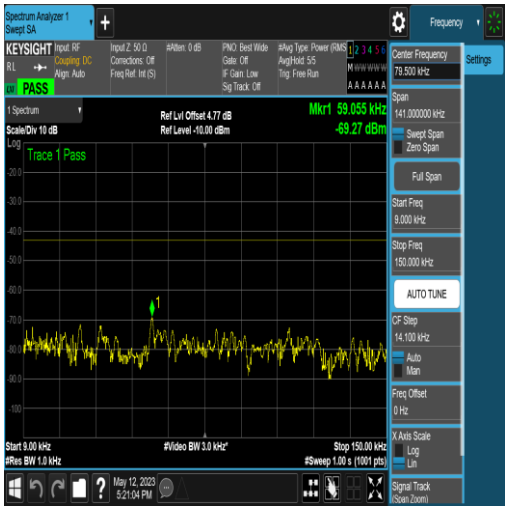

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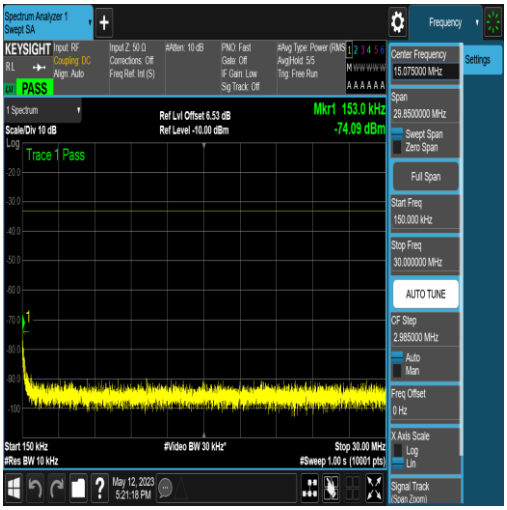

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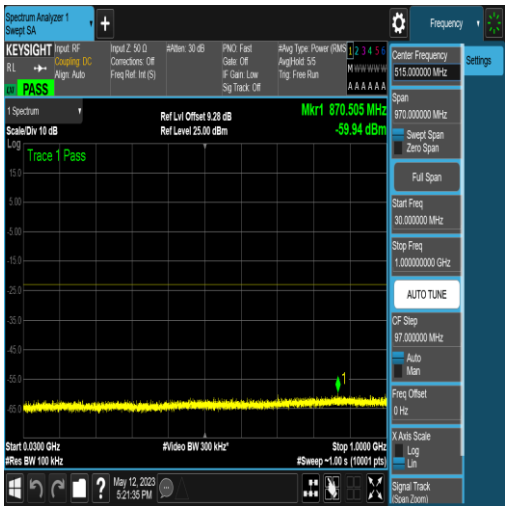

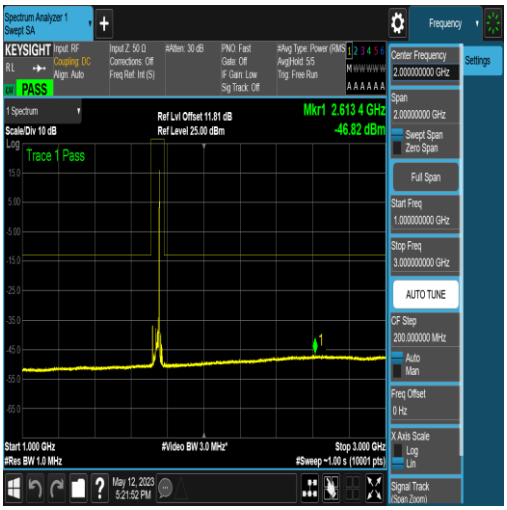

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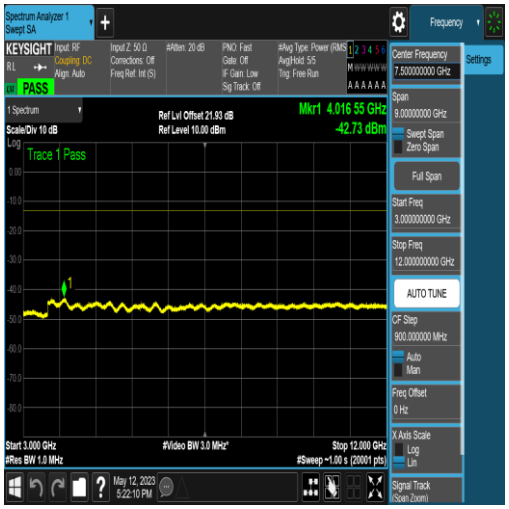	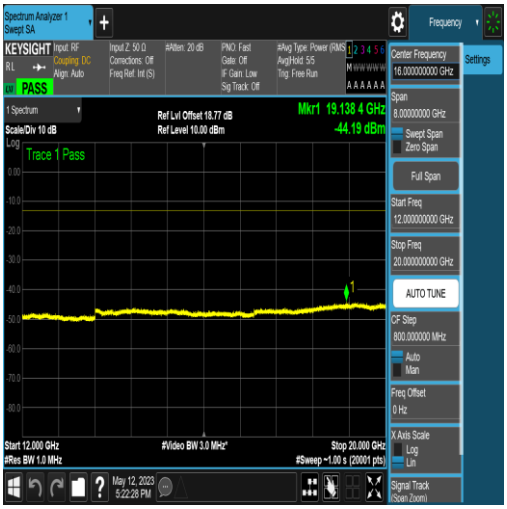
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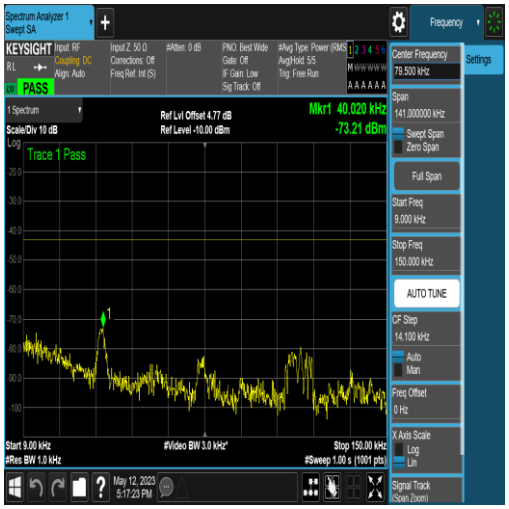	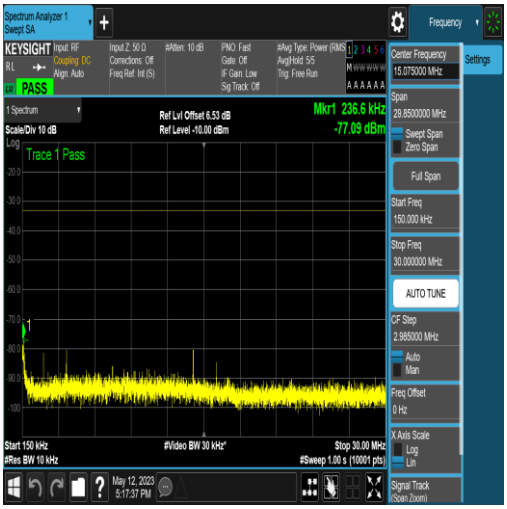
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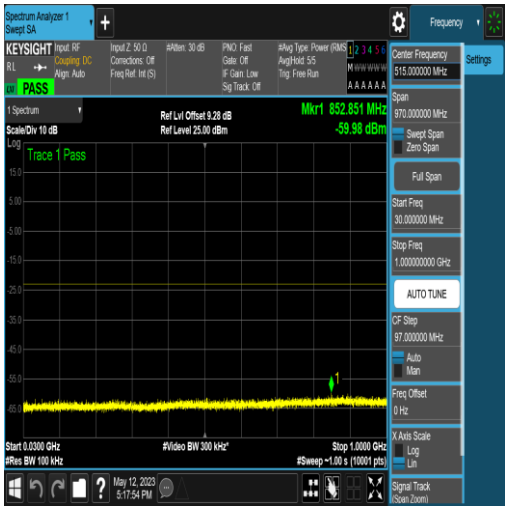

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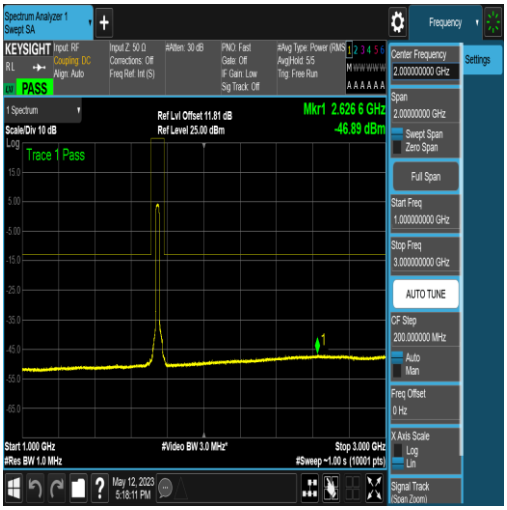

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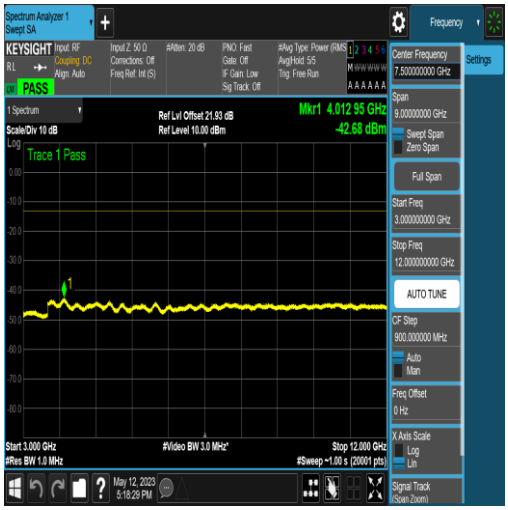

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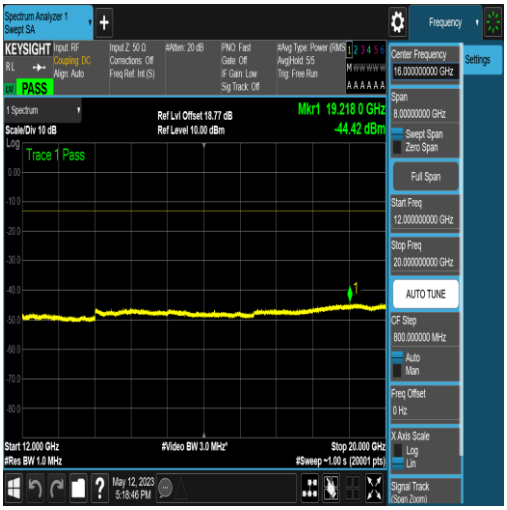

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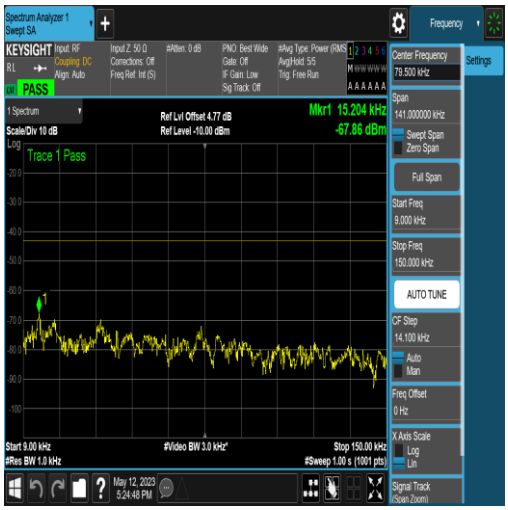

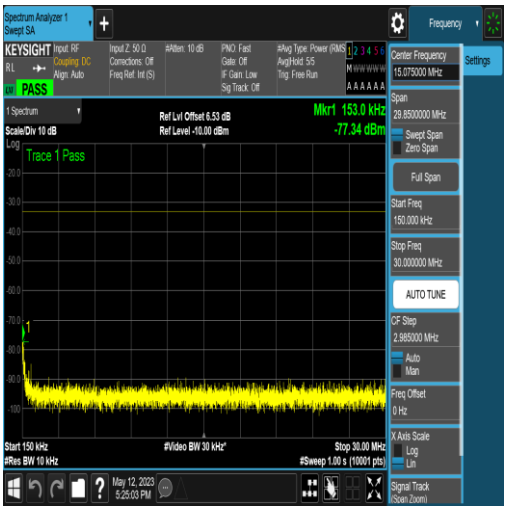

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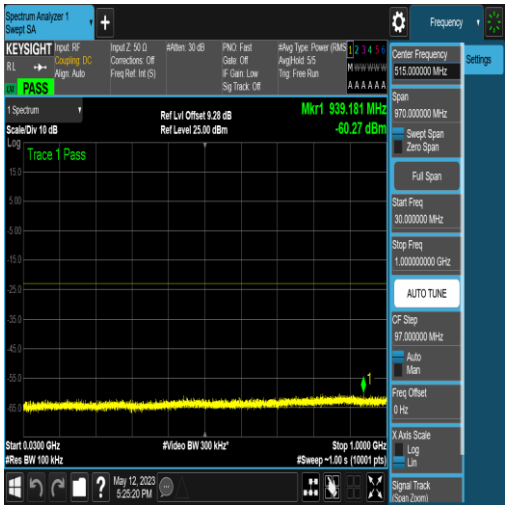	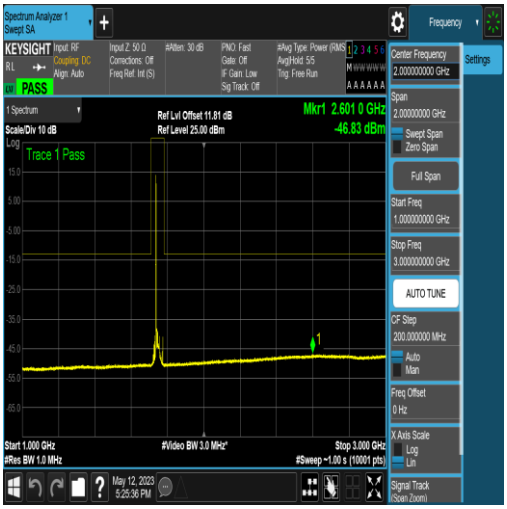
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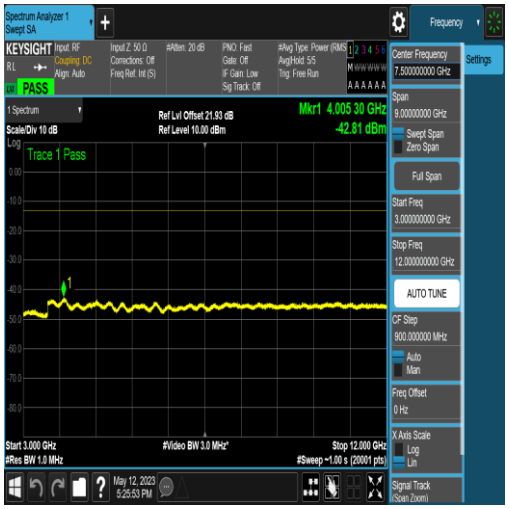	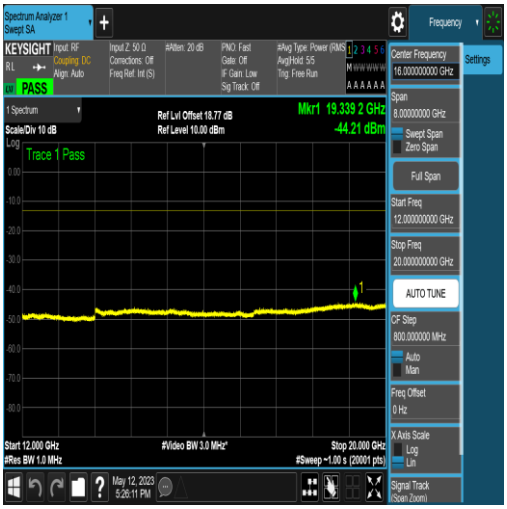
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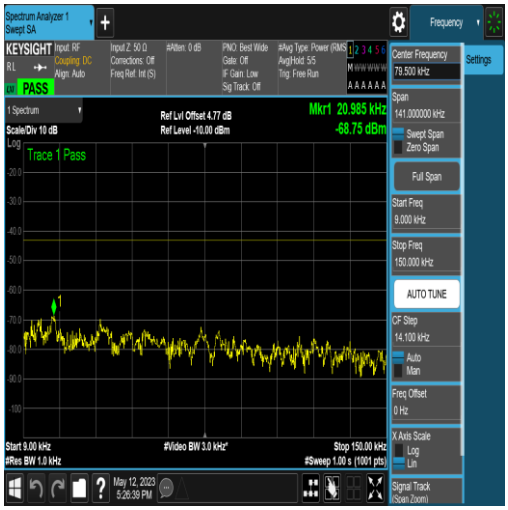

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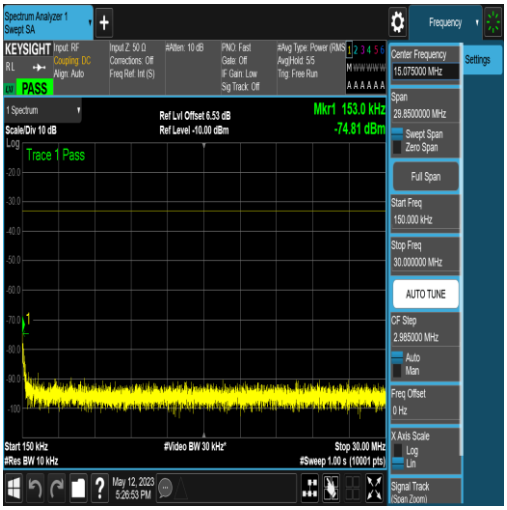

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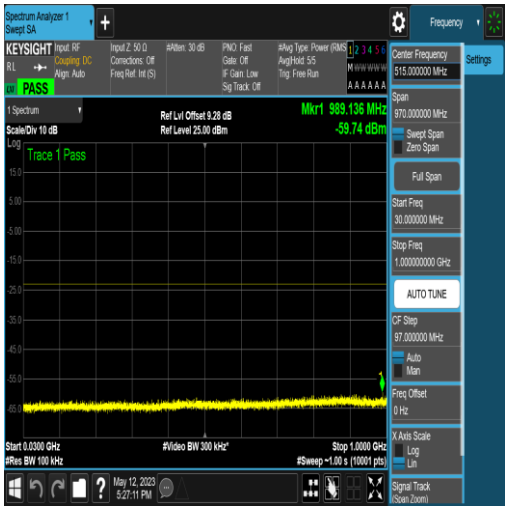

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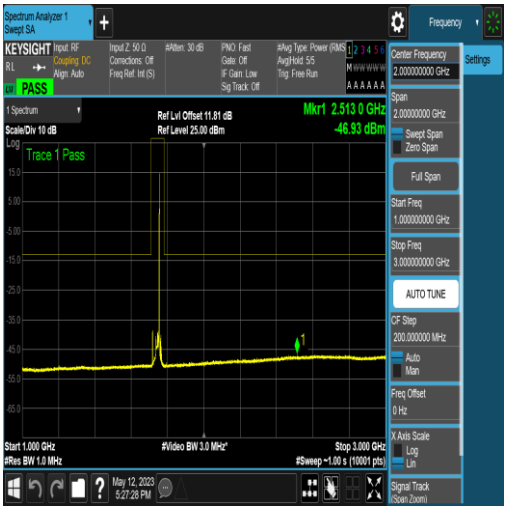

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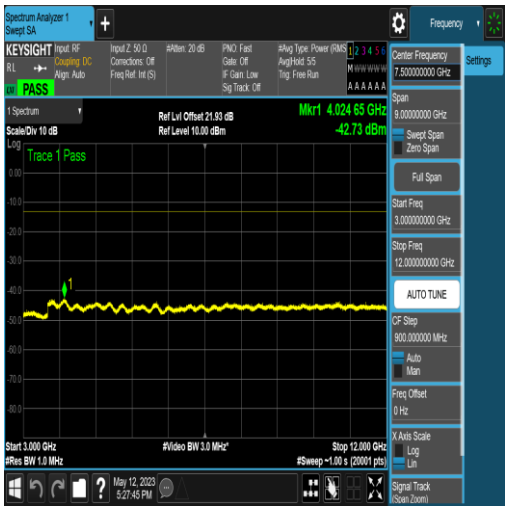

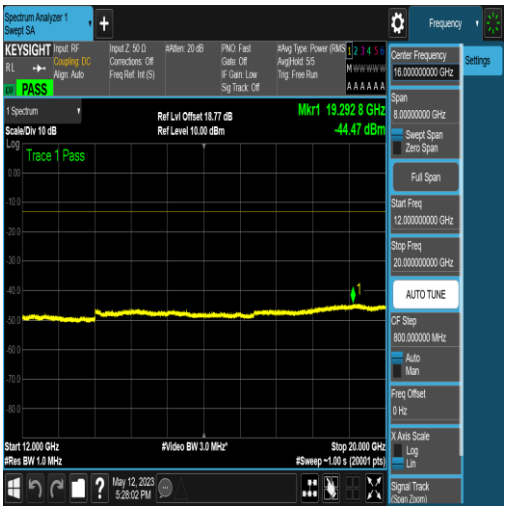

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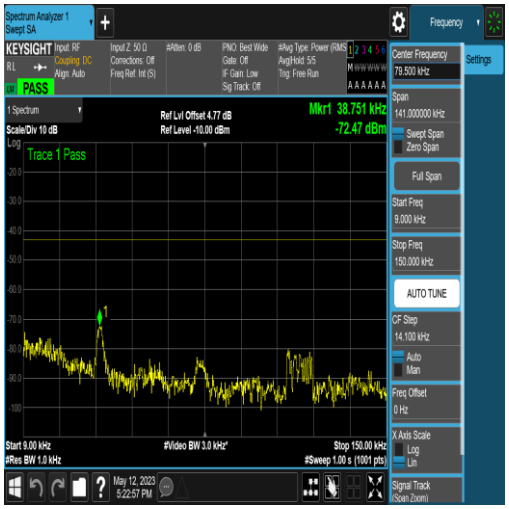	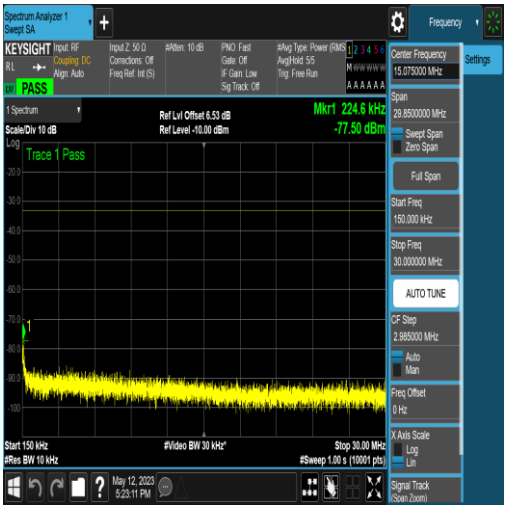
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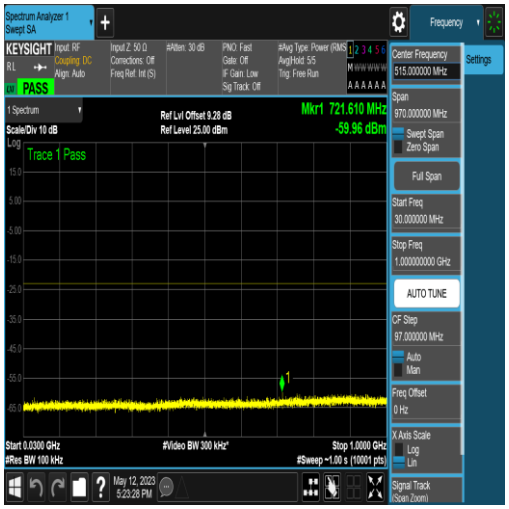	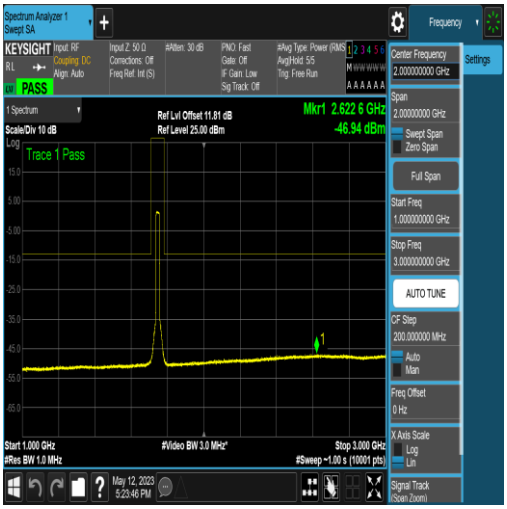
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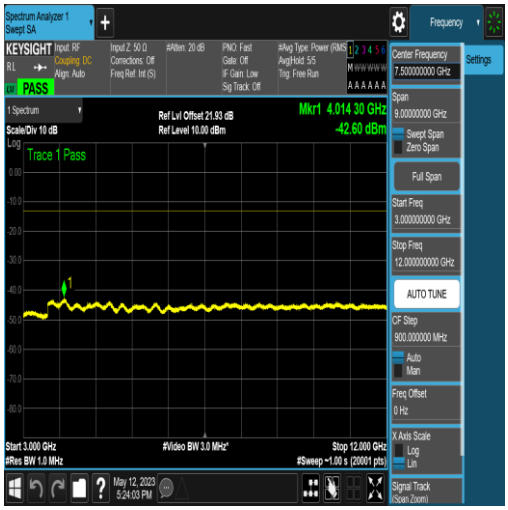

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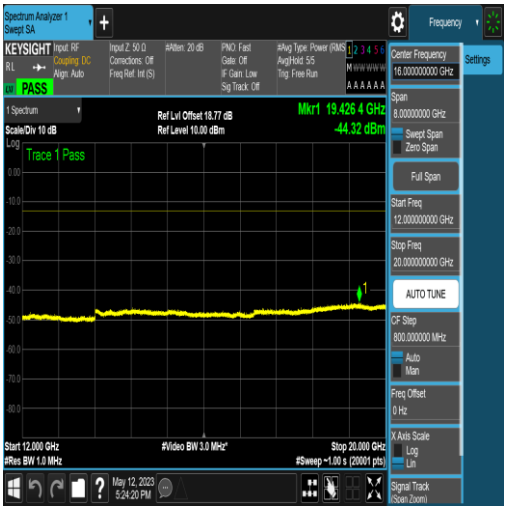

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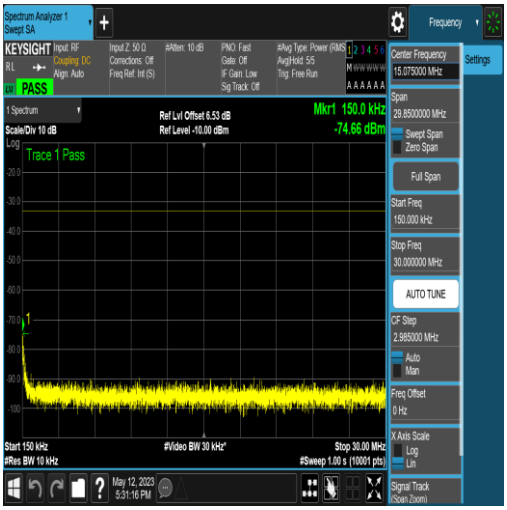

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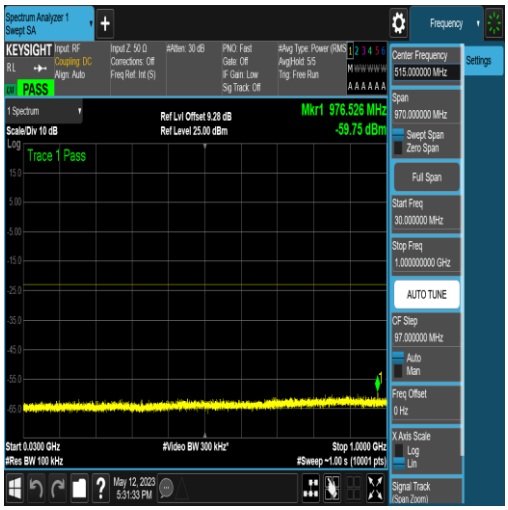

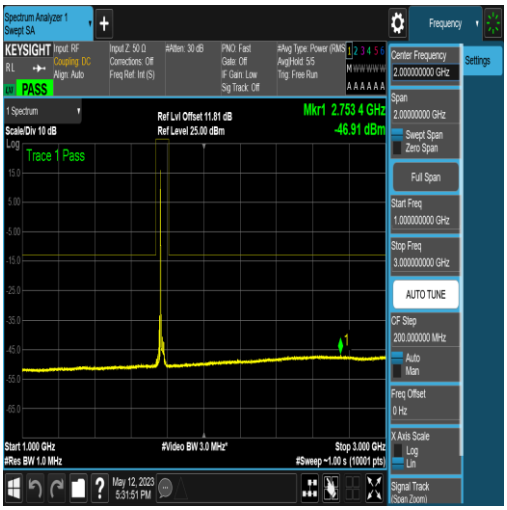

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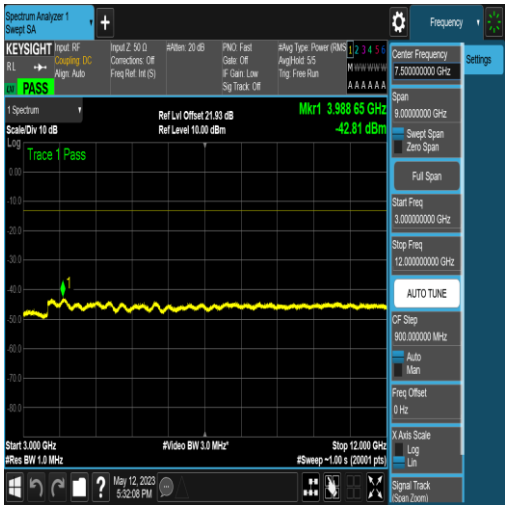	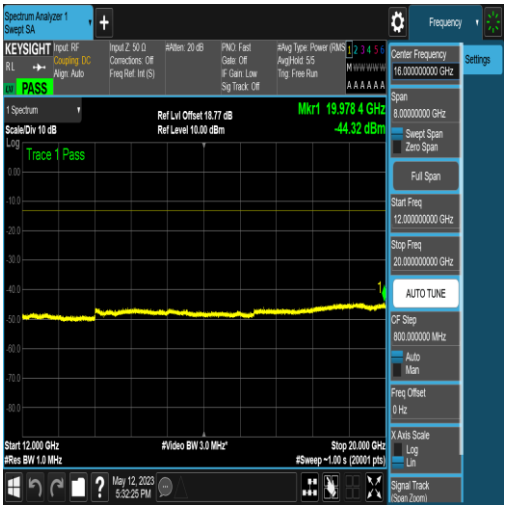
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	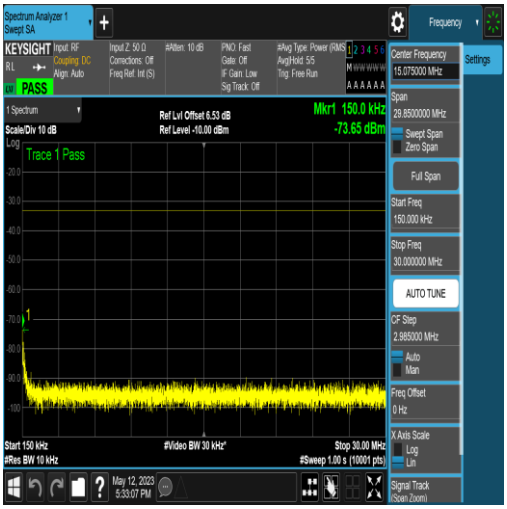
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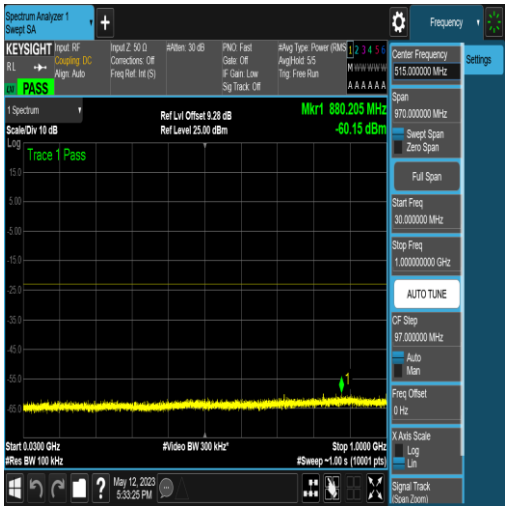	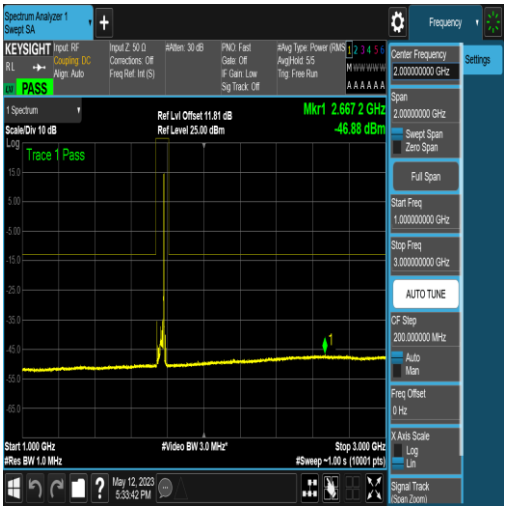
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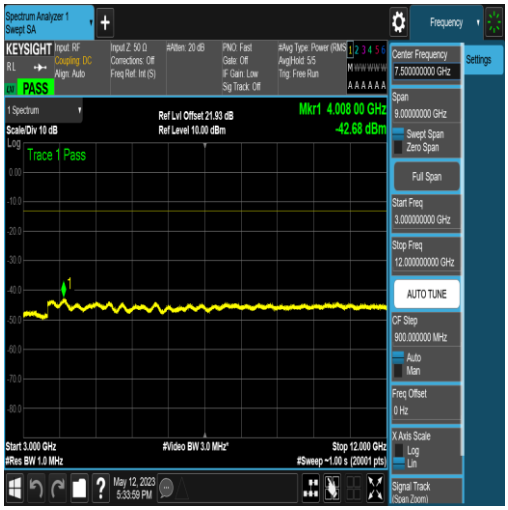	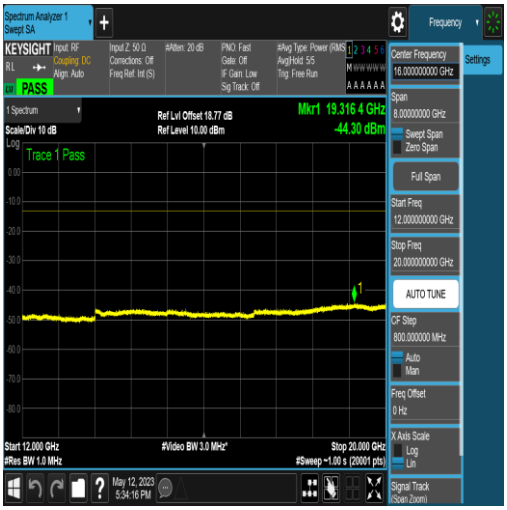
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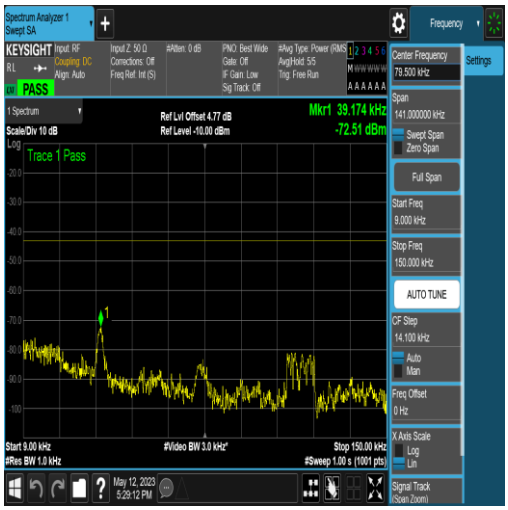	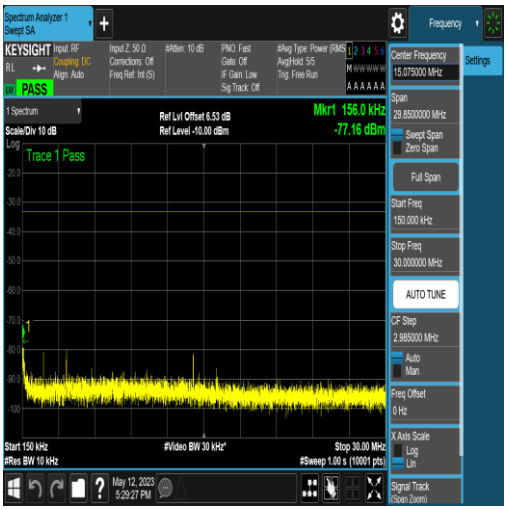

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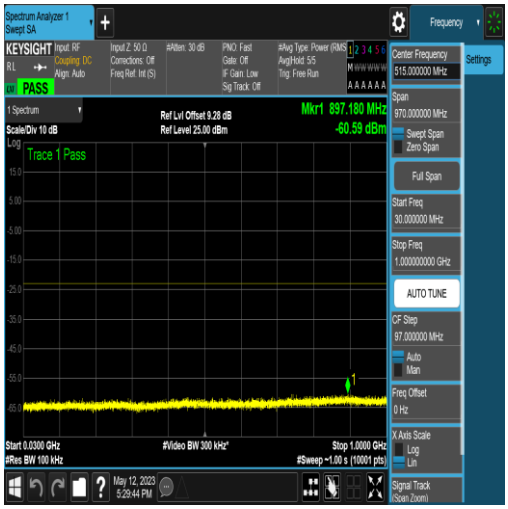	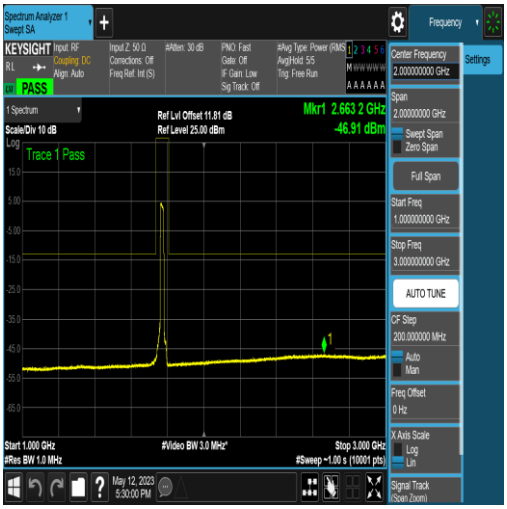
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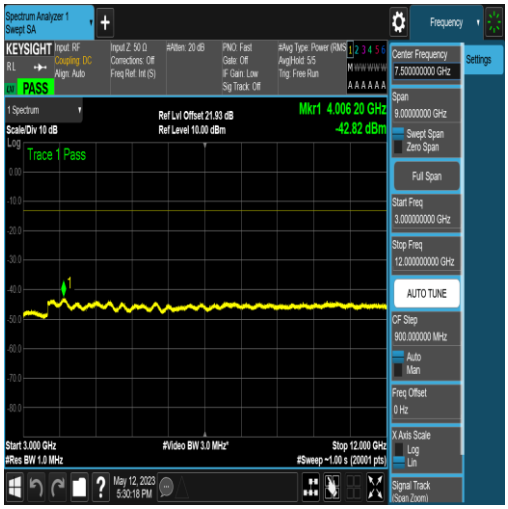	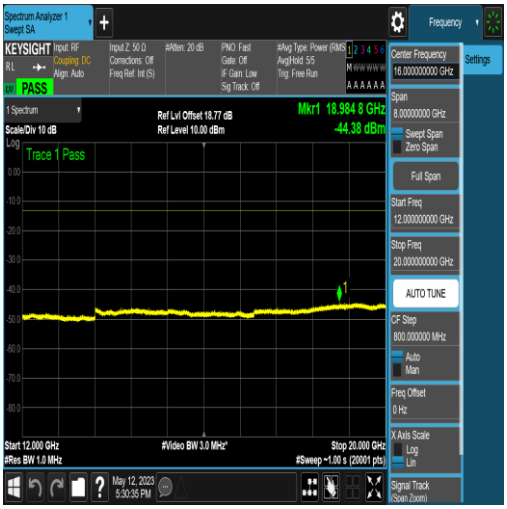
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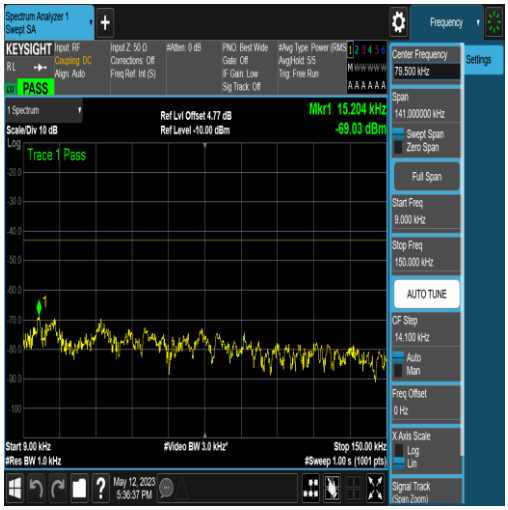

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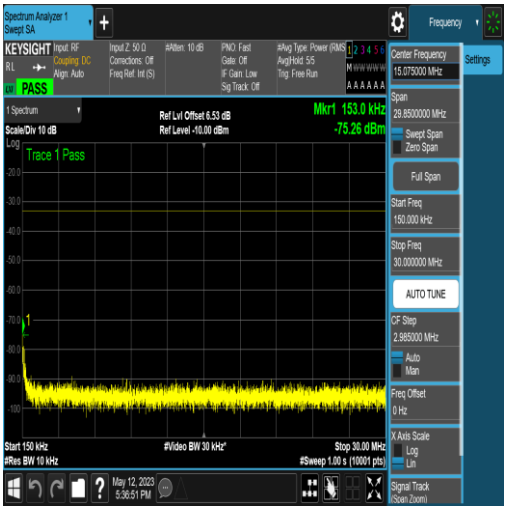

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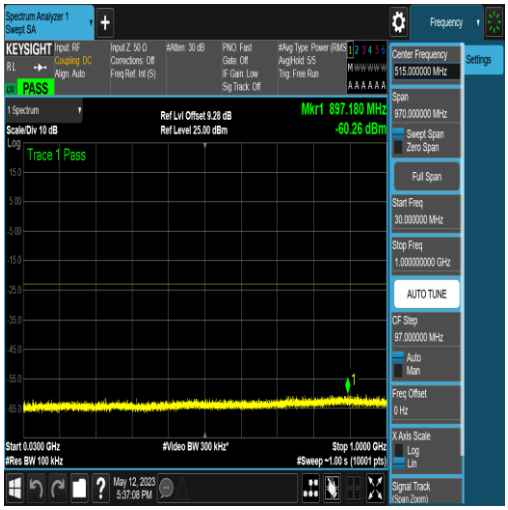

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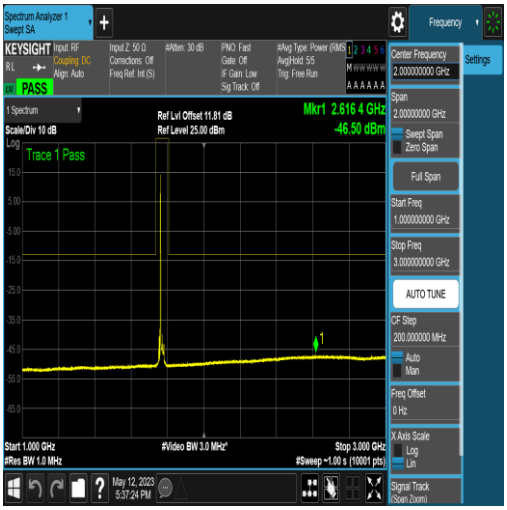

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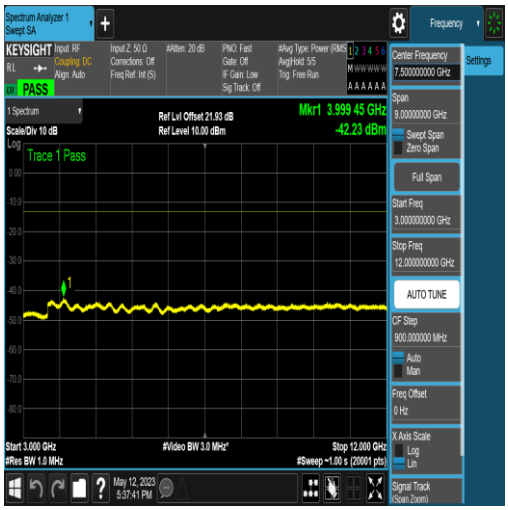

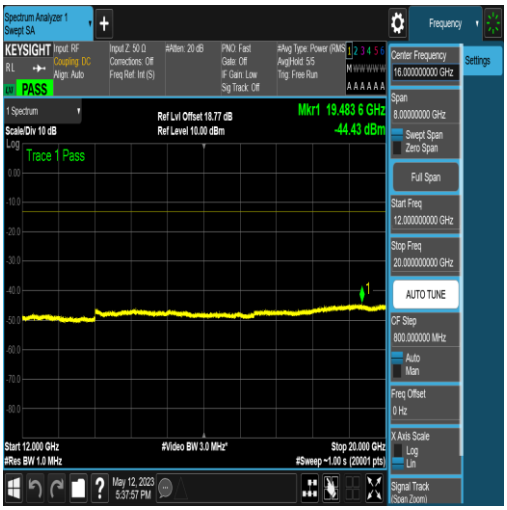

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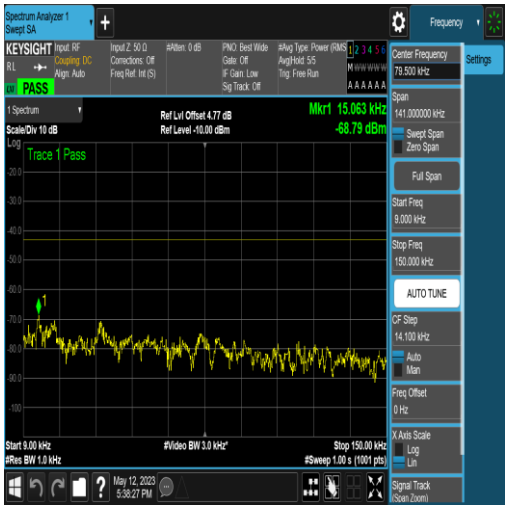	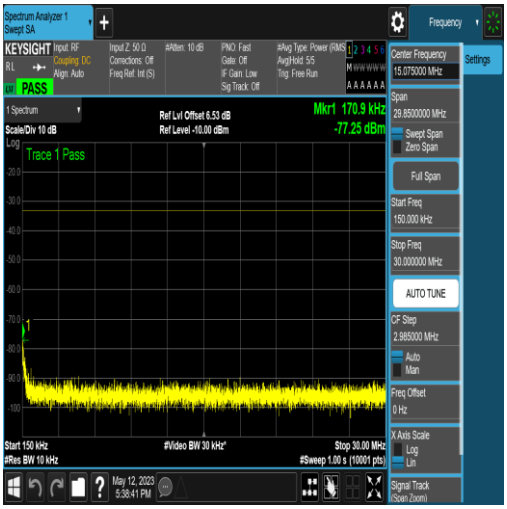
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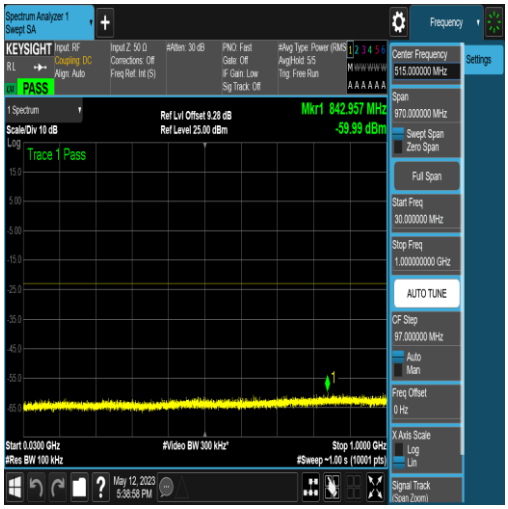	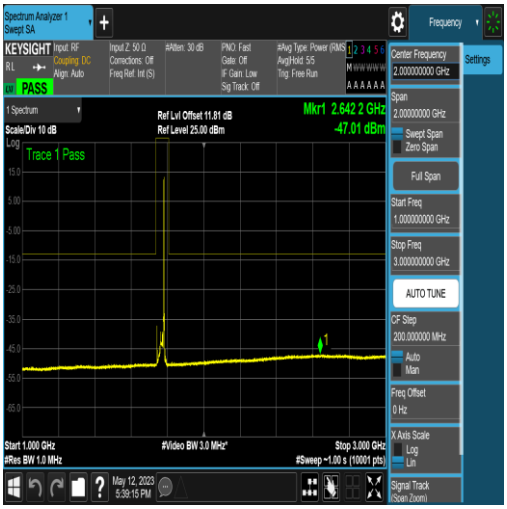
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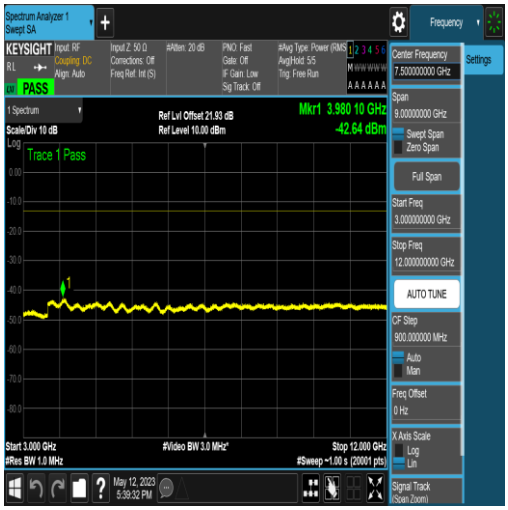

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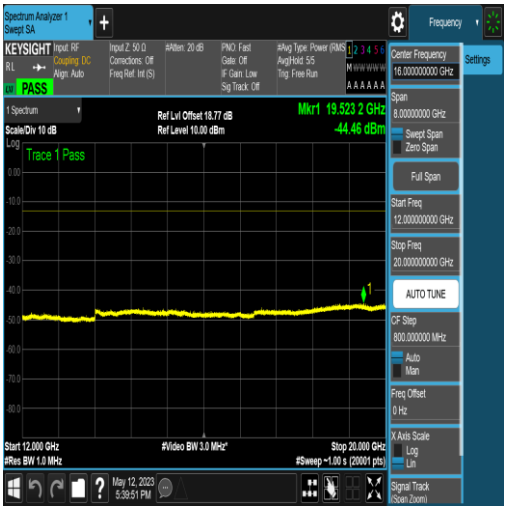

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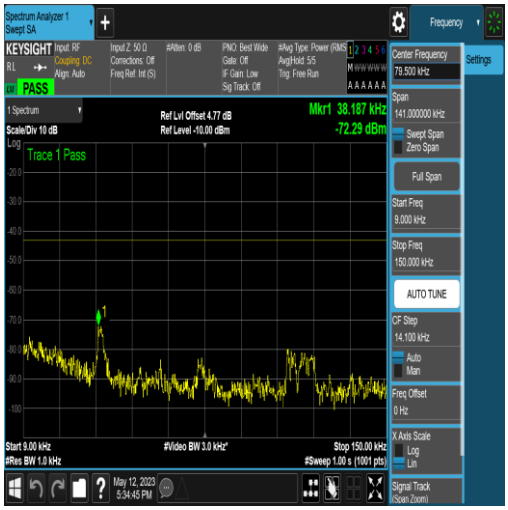

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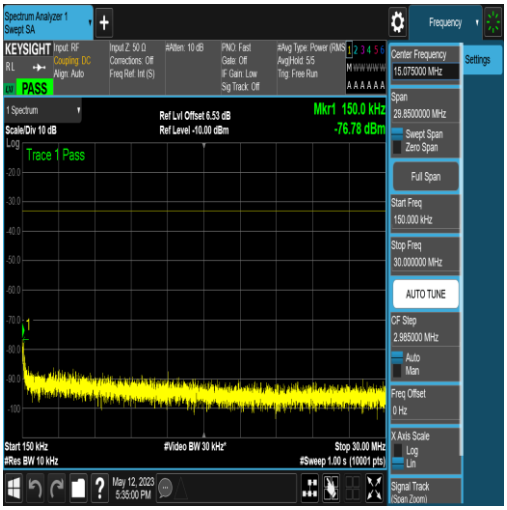

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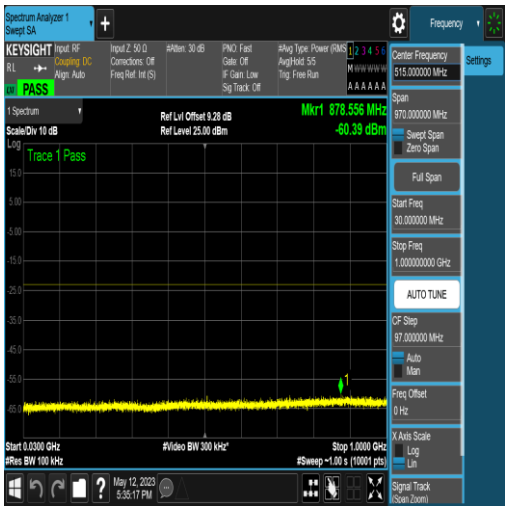

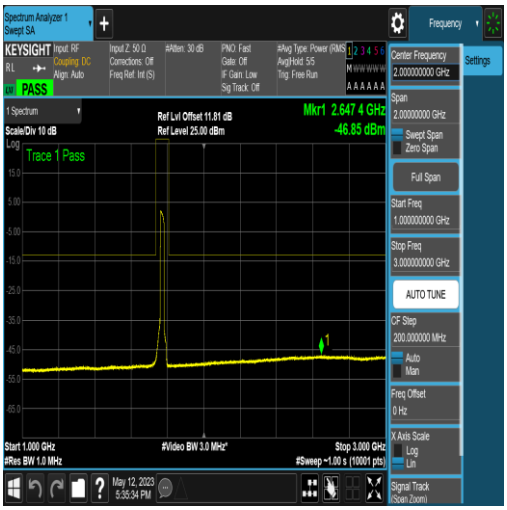

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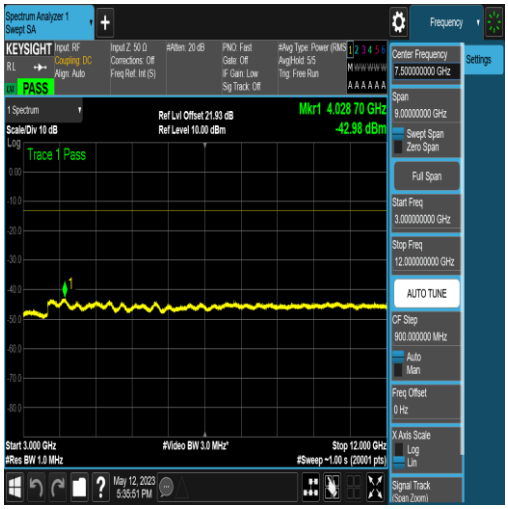	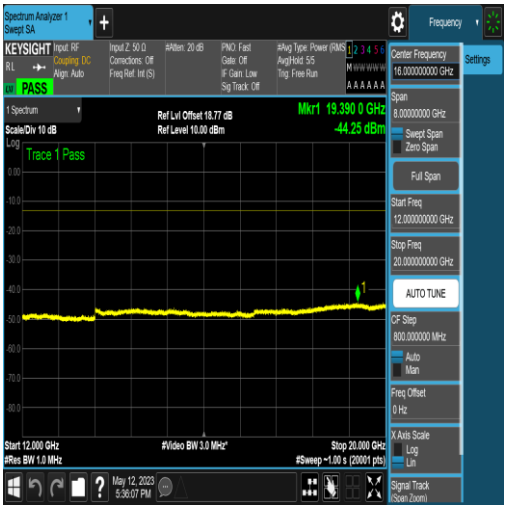
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Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N66	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-3.56	0.00	PASS
N66	15	5	CP-QPSK	L	Outer_Full	VN	NT	0.12	0.00	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	VN	NT	3.07	0.00	PASS
N66	15	5	CP-QPSK	M	Outer_Full	VN	NT	-0.79	0.00	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	VN	NT	-2.71	0.00	PASS
N66	15	5	CP-QPSK	H	Outer_Full	VN	NT	2.24	0.00	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	VN	NT	-0.72	0.00	PASS
N66	15	10	CP-QPSK	L	Outer_Full	VN	NT	-0.68	0.00	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-1.67	0.00	PASS
N66	15	10	CP-QPSK	M	Outer_Full	VN	NT	-1.49	0.00	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	VN	NT	3.05	0.00	PASS
N66	15	10	CP-QPSK	H	Outer_Full	VN	NT	2.02	0.00	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	VN	NT	0.03	0.00	PASS
N66	15	15	CP-QPSK	L	Outer_Full	VN	NT	-2.70	0.00	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-0.61	0.00	PASS
N66	15	15	CP-QPSK	M	Outer_Full	VN	NT	-1.60	0.00	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	VN	NT	0.11	0.00	PASS
N66	15	15	CP-QPSK	H	Outer_Full	VN	NT	-7.98	0.00	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-3.62	0.00	PASS
N66	15	20	CP-QPSK	L	Outer_Full	VN	NT	0.06	0.00	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	VN	NT	0.00	0.00	PASS
N66	15	20	CP-QPSK	M	Outer_Full	VN	NT	0.36	0.00	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-4.56	0.00	PASS
N66	15	20	CP-QPSK	H	Outer_Full	VN	NT	-1.67	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N66	15	5	DFT-QPSK	L	Outer_Full	NV	TN	-4.397143	-0.002568	PASS
N66	15	5	CP-QPSK	L	Outer_Full	NV	TN	-0.926098	-0.000541	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	NV	TN	1.238937	0.000710	PASS
N66	15	5	CP-QPSK	M	Outer_Full	NV	TN	-0.534734	-0.000306	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	NV	TN	-1.855251	-0.001044	PASS
N66	15	5	CP-QPSK	H	Outer_Full	NV	TN	-0.039754	-0.000022	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	NV	TN	-2.756884	-0.001608	PASS
N66	15	10	CP-QPSK	L	Outer_Full	NV	TN	-1.209960	-0.000706	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	NV	TN	-2.598773	-0.001489	PASS
N66	15	10	CP-QPSK	M	Outer_Full	NV	TN	-5.168317	-0.002962	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	NV	TN	2.632063	0.001483	PASS
N66	15	10	CP-QPSK	H	Outer_Full	NV	TN	3.100963	0.001747	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	NV	TN	-2.627725	-0.001530	PASS
N66	15	15	CP-QPSK	L	Outer_Full	NV	TN	-0.437120	-0.000255	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	NV	TN	-4.263511	-0.002443	PASS
N66	15	15	CP-QPSK	M	Outer_Full	NV	TN	-2.215967	-0.001270	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	NV	TN	-2.134231	-0.001204	PASS
N66	15	15	CP-QPSK	H	Outer_Full	NV	TN	-8.540292	-0.004818	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	NV	TN	-3.700576	-0.002151	PASS
N66	15	20	CP-QPSK	L	Outer_Full	NV	TN	-2.719275	-0.001581	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	NV	TN	-0.914012	-0.000524	PASS
N66	15	20	CP-QPSK	M	Outer_Full	NV	TN	0.907577	0.000520	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	NV	TN	-3.640554	-0.002057	PASS
N66	15	20	CP-QPSK	H	Outer_Full	NV	TN	-3.104529	-0.001754	PASS