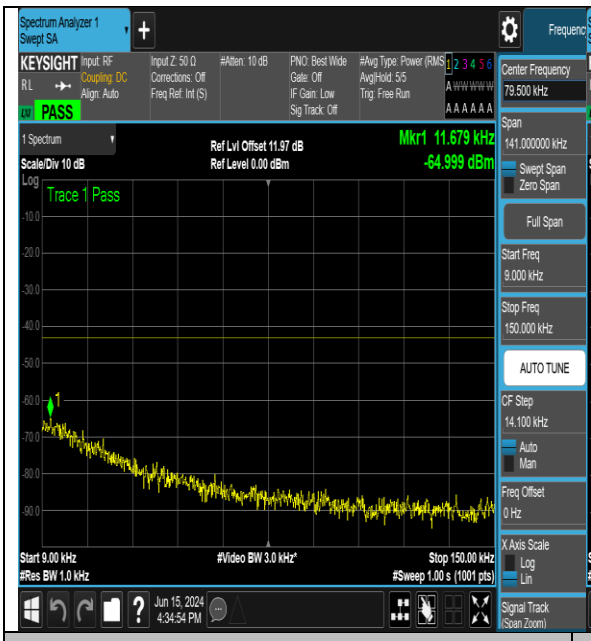

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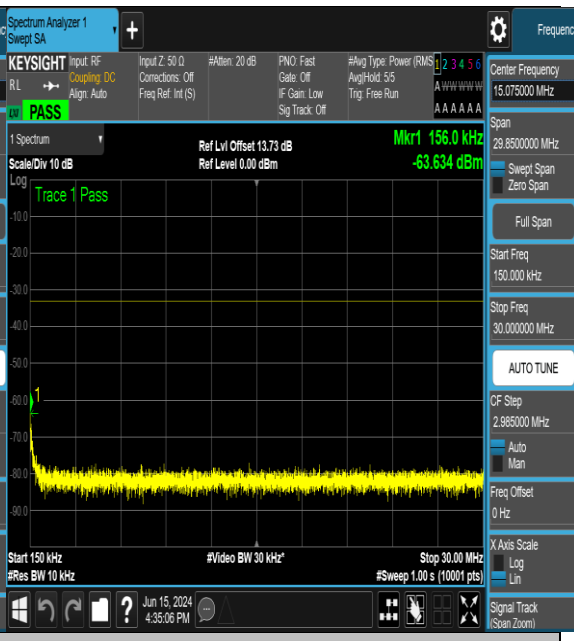

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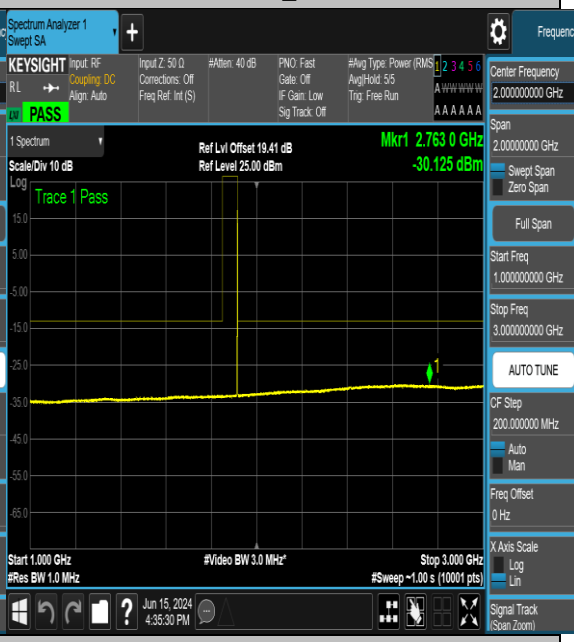

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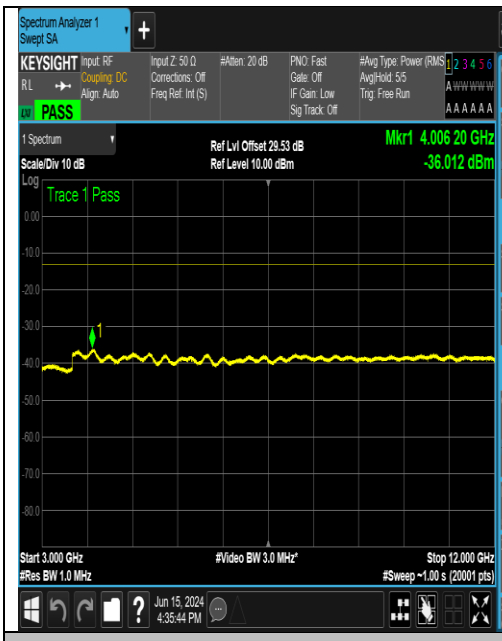

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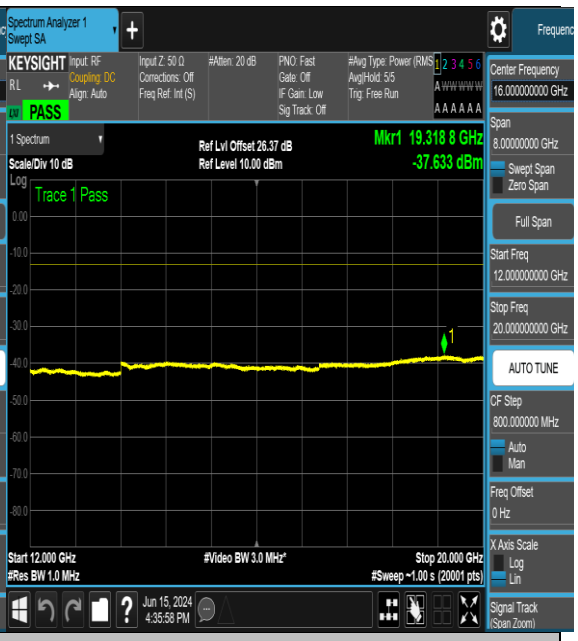

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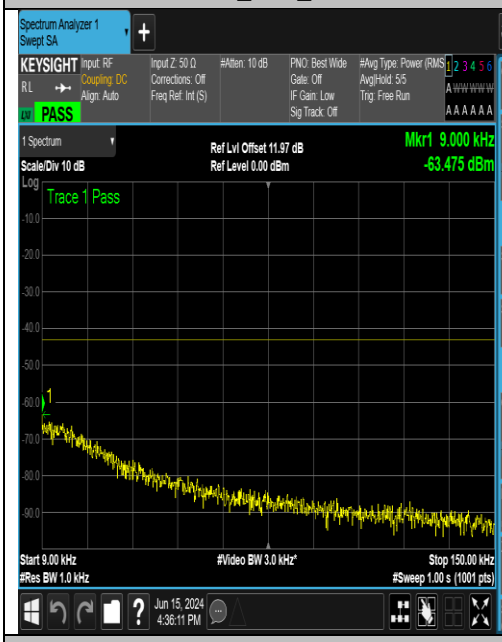

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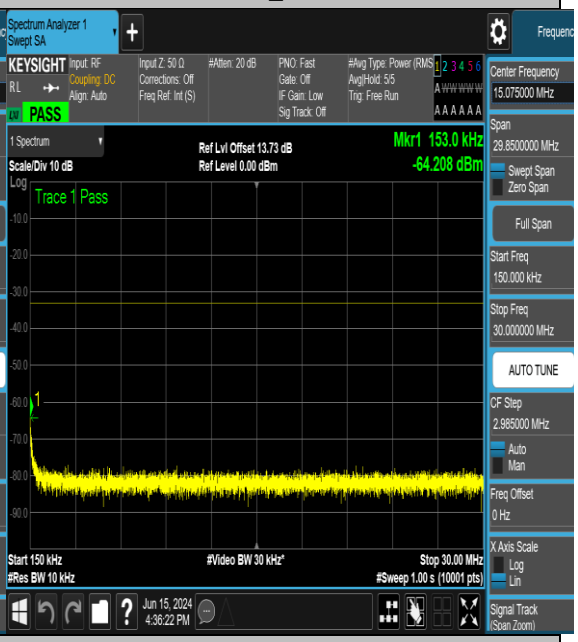

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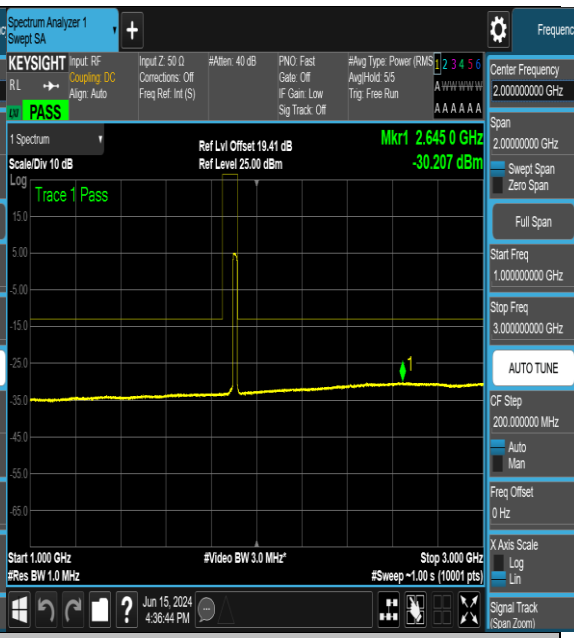

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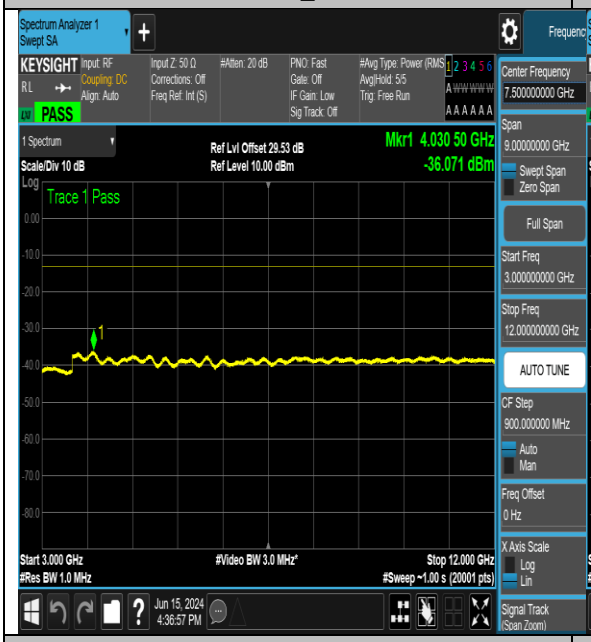

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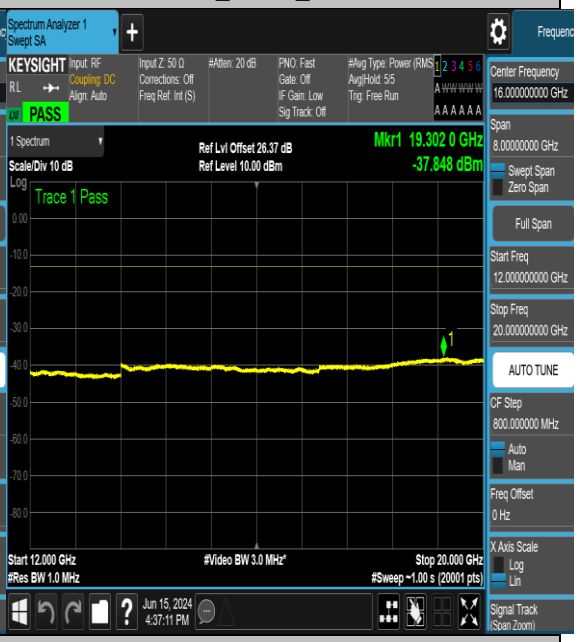

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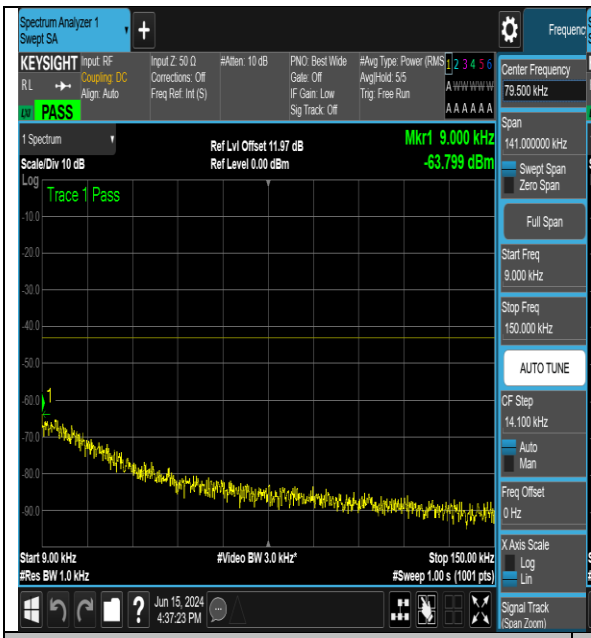

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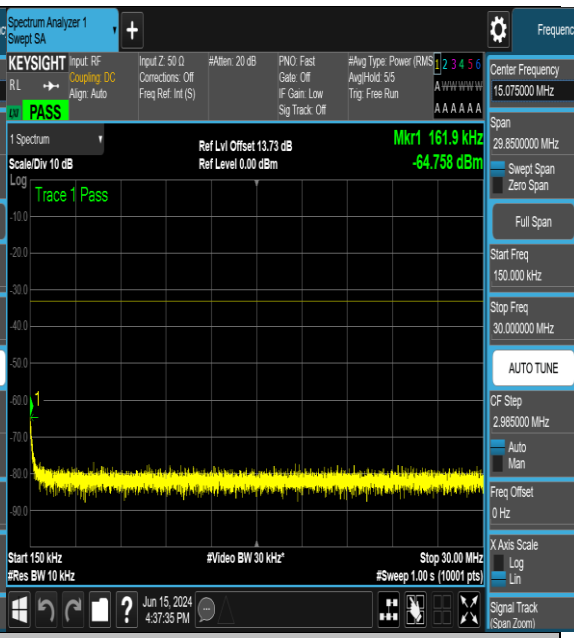

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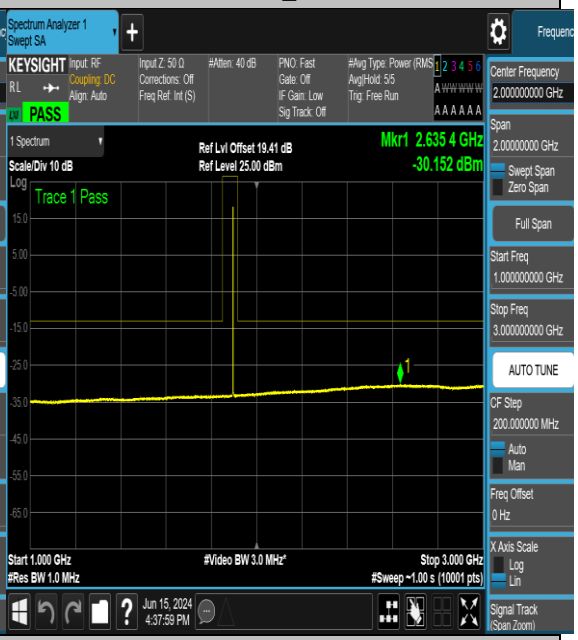

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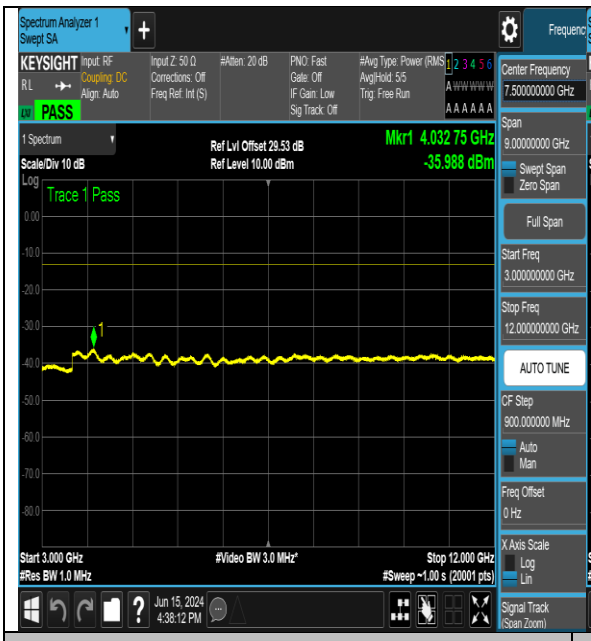

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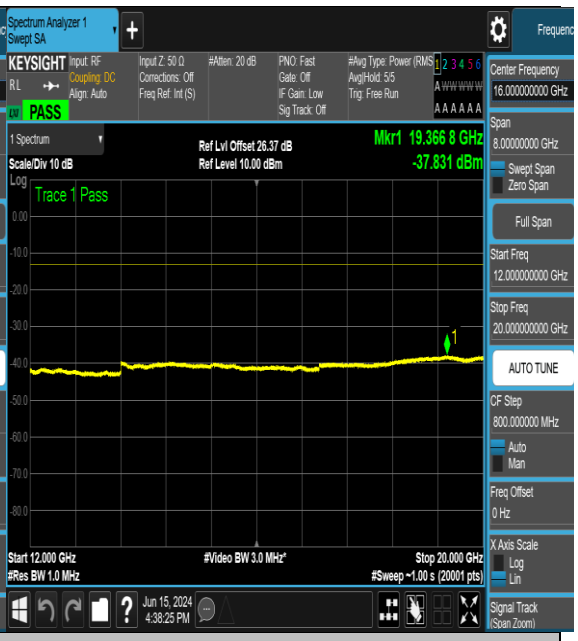

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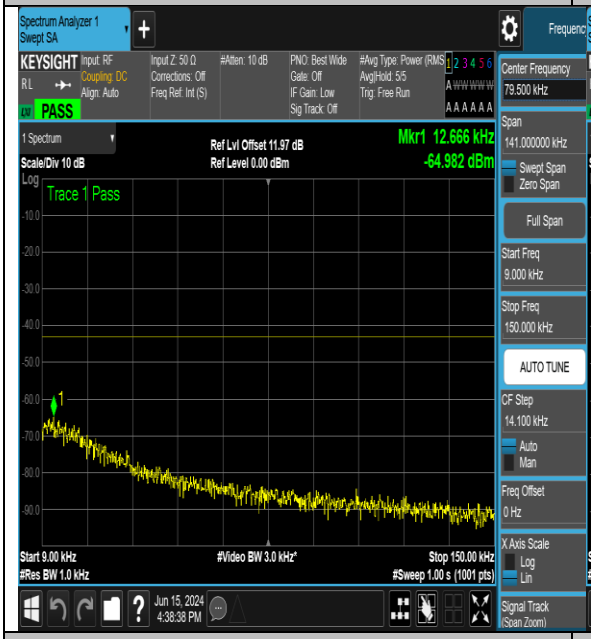

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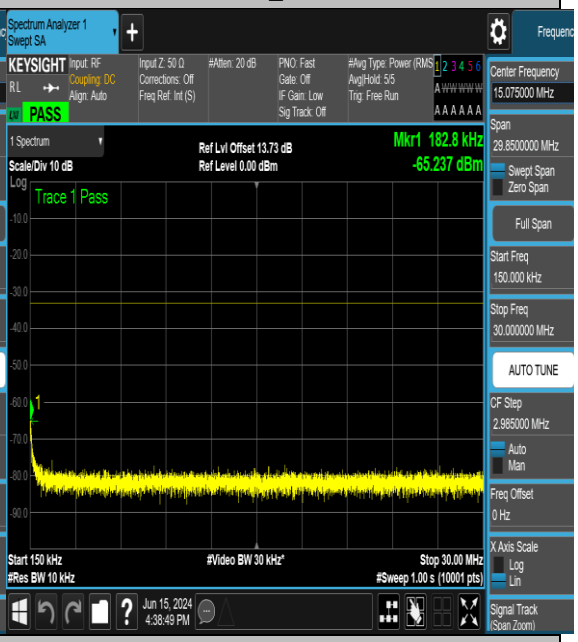

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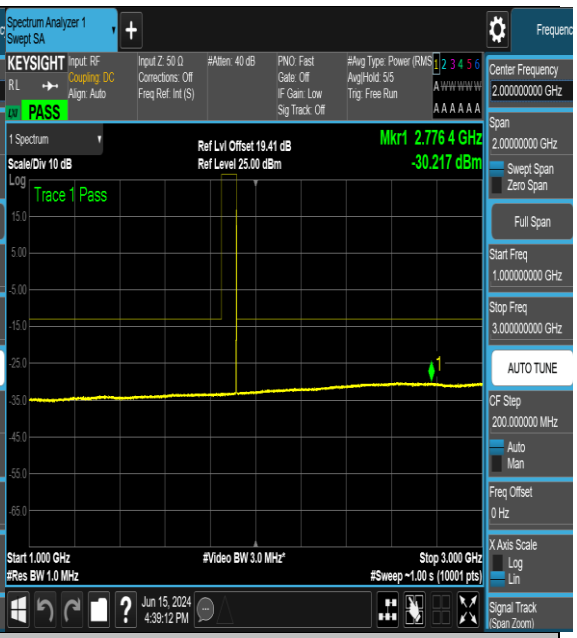

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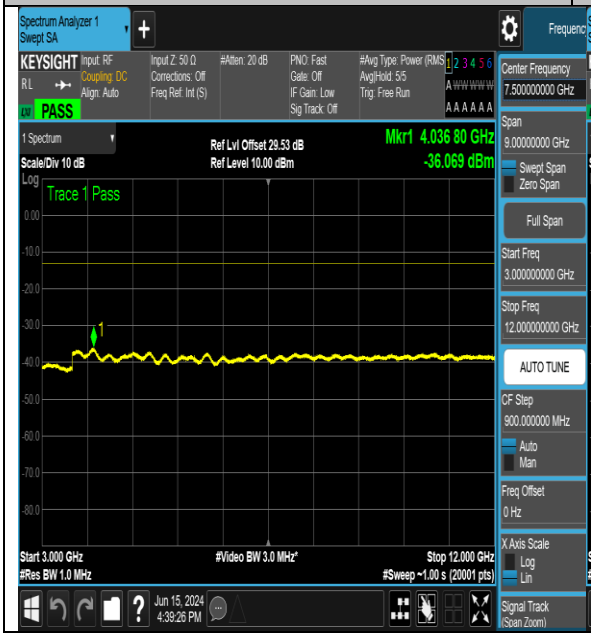

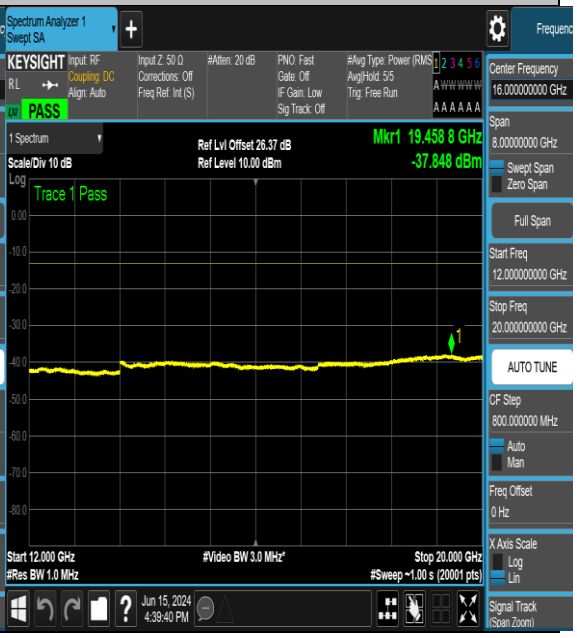

Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	5	DFT-QPSK	L	Outer_Full	VL	NT	3.000000	0.001619	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	VN	NT	19.000000	0.010256	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	VH	NT	18.000000	0.009717	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	VL	NT	18.000000	0.009717	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	VN	NT	6.000000	0.003239	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	VH	NT	8.000000	0.004318	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	VL	NT	4.000000	0.002125	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	VN	NT	7.000000	0.003718	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	VH	NT	13.000000	0.006906	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	VL	NT	19.000000	0.010093	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	VN	NT	1.000000	0.000531	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	VH	NT	19.000000	0.010093	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	VL	NT	8.000000	0.004183	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	VN	NT	6.000000	0.003137	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	VH	NT	1.000000	0.000523	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	VL	NT	13.000000	0.006797	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	VN	NT	5.000000	0.002614	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	VH	NT	7.000000	0.003660	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	VL	NT	9.000000	0.004852	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	VN	NT	19.000000	0.010243	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	VH	NT	18.000000	0.009704	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	VL	NT	8.000000	0.004313	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	VN	NT	14.000000	0.007547	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	VH	NT	12.000000	0.006469	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	VL	NT	7.000000	0.003718	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	VN	NT	13.000000	0.006906	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	VH	NT	3.000000	0.001594	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	VL	NT	6.000000	0.003187	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	VN	NT	13.000000	0.006906	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	VH	NT	2.000000	0.001062	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	VL	NT	9.000000	0.004712	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	VN	NT	1.000000	0.000524	PASS

N25	15	10	DFT-QPSK	H	Outer_Full	VH	NT	14.000000	0.007330	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	VL	NT	7.000000	0.003665	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	VN	NT	14.000000	0.007330	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	VH	NT	13.000000	0.006806	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	VL	NT	6.000000	0.003230	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	VN	NT	16.000000	0.008614	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	VH	NT	3.000000	0.001615	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	VL	NT	11.000000	0.005922	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	VN	NT	18.000000	0.009690	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	VH	NT	5.000000	0.002692	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	VL	NT	7.000000	0.003718	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	VN	NT	11.000000	0.005843	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	VH	NT	13.000000	0.006906	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	VL	NT	10.000000	0.005312	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	VN	NT	4.000000	0.002125	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	VH	NT	16.000000	0.008499	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	VL	NT	8.000000	0.004194	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	VN	NT	13.000000	0.006815	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	VH	NT	19.000000	0.009961	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	VL	NT	14.000000	0.007339	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	VN	NT	2.000000	0.001048	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	VH	NT	17.000000	0.008912	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VL	NT	1.000000	0.000538	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VN	NT	6.000000	0.003226	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VH	NT	8.000000	0.004301	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	VL	NT	10.000000	0.005376	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	VN	NT	4.000000	0.002151	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	VH	NT	3.000000	0.001613	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VL	NT	5.000000	0.002656	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VN	NT	16.000000	0.008499	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VH	NT	6.000000	0.003187	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	VL	NT	6.000000	0.003187	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	VN	NT	1.000000	0.000531	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	VH	NT	12.000000	0.006375	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VL	NT	14.000000	0.007349	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VN	NT	3.000000	0.001575	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VH	NT	12.000000	0.006299	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	VL	NT	7.000000	0.003675	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	VN	NT	11.000000	0.005774	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	VH	NT	12.000000	0.006299	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	5	DFT-QPSK	L	Outer_Full	NV	-30	13.000000	0.007018	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	-20	16.000000	0.008637	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	-10	18.000000	0.009717	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	0	17.000000	0.009177	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	10	13.000000	0.007018	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	20	15.000000	0.008097	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	30	17.000000	0.009177	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	40	9.000000	0.004858	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	50	18.000000	0.009717	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	-30	10.000000	0.005398	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	-20	9.000000	0.004858	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	-10	8.000000	0.004318	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	0	7.000000	0.003779	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	10	9.000000	0.004858	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	20	11.000000	0.005938	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	30	13.000000	0.007018	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	40	12.000000	0.006478	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	50	8.000000	0.004318	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	-30	19.000000	0.010093	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	-20	9.000000	0.004781	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	-10	7.000000	0.003718	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	0	6.000000	0.003187	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	10	8.000000	0.004250	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	20	4.000000	0.002125	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	30	6.000000	0.003187	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	40	5.000000	0.002656	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	50	7.000000	0.003718	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	-30	2.000000	0.001062	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	-20	13.000000	0.006906	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	-10	3.000000	0.001594	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	0	13.000000	0.006906	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	10	12.000000	0.006375	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	20	14.000000	0.007437	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	30	10.000000	0.005312	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	40	12.000000	0.006375	PASS

N25	15	5	DFT-16QAM	M	Outer_Full	NV	50	2.000000	0.001062	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	-30	3.000000	0.001569	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	-20	14.000000	0.007320	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	-10	1.000000	0.000523	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	0	18.000000	0.009412	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	10	5.000000	0.002614	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	20	7.000000	0.003660	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	30	5.000000	0.002614	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	40	7.000000	0.003660	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	50	6.000000	0.003137	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	-30	18.000000	0.009412	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	-20	2.000000	0.001046	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	-10	4.000000	0.002092	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	0	3.000000	0.001569	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	10	5.000000	0.002614	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	20	14.000000	0.007320	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	30	6.000000	0.003137	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	40	7.000000	0.003660	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	50	18.000000	0.009412	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	-30	1.000000	0.000539	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	-20	19.000000	0.010243	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	-10	3.000000	0.001617	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	0	5.000000	0.002695	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	10	4.000000	0.002156	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	20	2.000000	0.001078	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	30	11.000000	0.005930	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	40	13.000000	0.007008	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	50	12.000000	0.006469	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	-30	14.000000	0.007547	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	-20	6.000000	0.003235	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	-10	15.000000	0.008085	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	0	7.000000	0.003774	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	10	6.000000	0.003235	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	20	5.000000	0.002695	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	30	7.000000	0.003774	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	40	9.000000	0.004852	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	50	8.000000	0.004313	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	-30	5.000000	0.002656	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	-20	17.000000	0.009031	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	-10	7.000000	0.003718	PASS

N25	15	10	DFT-QPSK	M	Outer_Full	NV	0	6.000000	0.003187	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	10	8.000000	0.004250	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	20	7.000000	0.003718	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	30	13.000000	0.006906	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	40	12.000000	0.006375	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	50	14.000000	0.007437	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	-30	11.000000	0.005843	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	-20	1.000000	0.000531	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	-10	19.000000	0.010093	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	0	19.000000	0.010093	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	10	11.000000	0.005843	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	20	1.000000	0.000531	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	30	15.000000	0.007967	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	40	7.000000	0.003718	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	50	10.000000	0.005312	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	-30	12.000000	0.006283	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	-20	2.000000	0.001047	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	-10	13.000000	0.006806	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	0	15.000000	0.007853	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	10	18.000000	0.009424	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	20	17.000000	0.008901	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	30	19.000000	0.009948	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	40	18.000000	0.009424	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	50	10.000000	0.005236	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	-30	15.000000	0.007853	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	-20	17.000000	0.008901	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	-10	6.000000	0.003141	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	0	5.000000	0.002618	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	10	2.000000	0.001047	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	20	10.000000	0.005236	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	30	16.000000	0.008377	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	40	8.000000	0.004188	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	50	7.000000	0.003665	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	-30	5.000000	0.002692	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	-20	4.000000	0.002153	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	-10	6.000000	0.003230	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	0	9.000000	0.004845	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	10	11.000000	0.005922	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	20	10.000000	0.005384	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	30	12.000000	0.006460	PASS

N25	15	15	DFT-QPSK	L	Outer_Full	NV	40	11.000000	0.005922	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	50	9.000000	0.004845	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	-30	4.000000	0.002153	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	-20	19.000000	0.010229	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	-10	6.000000	0.003230	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	0	15.000000	0.008075	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	10	4.000000	0.002153	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	20	16.000000	0.008614	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	30	18.000000	0.009690	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	40	17.000000	0.009152	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	50	11.000000	0.005922	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	-30	16.000000	0.008499	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	-20	11.000000	0.005843	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	-10	10.000000	0.005312	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	0	15.000000	0.007967	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	10	17.000000	0.009031	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	20	1.000000	0.000531	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	30	10.000000	0.005312	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	40	8.000000	0.004250	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	50	7.000000	0.003718	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	-30	17.000000	0.009031	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	-20	16.000000	0.008499	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	-10	18.000000	0.009562	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	0	5.000000	0.002656	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	10	16.000000	0.008499	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	20	18.000000	0.009562	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	30	2.000000	0.001062	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	40	4.000000	0.002125	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	50	3.000000	0.001594	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	-30	6.000000	0.003145	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	-20	8.000000	0.004194	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	-10	7.000000	0.003670	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	0	3.000000	0.001573	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	10	1.000000	0.000524	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	20	4.000000	0.002097	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	30	6.000000	0.003145	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	40	4.000000	0.002097	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	50	3.000000	0.001573	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	-30	7.000000	0.003670	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	-20	9.000000	0.004718	PASS

N25	15	15	DFT-16QAM	H	Outer_Full	NV	-10	8.000000	0.004194	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	0	11.000000	0.005767	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	10	14.000000	0.007339	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	20	6.000000	0.003145	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	30	15.000000	0.007863	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	40	10.000000	0.005242	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	50	9.000000	0.004718	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-30	10.000000	0.005376	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-20	16.000000	0.008602	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-10	7.000000	0.003763	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	0	6.000000	0.003226	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	10	8.000000	0.004301	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	20	7.000000	0.003763	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	30	5.000000	0.002688	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	40	4.000000	0.002151	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	50	10.000000	0.005376	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	-30	5.000000	0.002688	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	-20	4.000000	0.002151	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	-10	19.000000	0.010215	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	0	6.000000	0.003226	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	10	5.000000	0.002688	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	20	7.000000	0.003763	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	30	4.000000	0.002151	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	40	3.000000	0.001613	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	50	9.000000	0.004839	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-30	5.000000	0.002656	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-20	8.000000	0.004250	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-10	10.000000	0.005312	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	0	9.000000	0.004781	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	10	12.000000	0.006375	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	20	11.000000	0.005843	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	30	13.000000	0.006906	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	40	12.000000	0.006375	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	50	14.000000	0.007437	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	-30	2.000000	0.001062	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	-20	13.000000	0.006906	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	-10	16.000000	0.008499	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	0	6.000000	0.003187	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	10	17.000000	0.009031	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	20	3.000000	0.001594	PASS

N25	15	20	DFT-16QAM	M	Outer_Full	NV	30	6.000000	0.003187	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	40	5.000000	0.002656	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	50	11.000000	0.005843	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-30	10.000000	0.005249	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-20	2.000000	0.001050	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-10	11.000000	0.005774	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	0	10.000000	0.005249	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	10	18.000000	0.009449	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	20	5.000000	0.002625	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	30	13.000000	0.006824	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	40	16.000000	0.008399	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	50	15.000000	0.007874	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	-30	4.000000	0.002100	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	-20	13.000000	0.006824	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	-10	12.000000	0.006299	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	0	1.000000	0.000525	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	10	10.000000	0.005249	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	20	9.000000	0.004724	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	30	5.000000	0.002625	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	40	14.000000	0.007349	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	50	13.000000	0.006824	PASS