Appendix B.51

NR CA_n48B

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Effective (Isotropic) Radiated Power Output Data for SA ULCA

Test ResultAnt0

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm/ 10MHz)	EIRP (dBm/ 10MHz)	Limit (dBm/ 10MHz)	Verdict
CA_n48B	30+30	10+10	DFT-BPSK	L+L	Inner_Full	16.62	12.33	23.00	PASS
CA_n48B	30+30	10+10	DFT-BPSK	L+L	Inner_1RB_Left	16.5	12.21	23.00	PASS
CA_n48B	30+30	10+10	DFT-BPSK	L+L	Inner_1RB_Right	16.66	12.37	23.00	PASS
CA_n48B	30+30	10+10	DFT-QPSK	L+L	Inner_Full	16.5	12.21	23.00	PASS
CA_n48B	30+30	10+10	DFT-QPSK	L+L	Inner_1RB_Left	16.58	12.29	23.00	PASS
CA_n48B	30+30	10+10	DFT-QPSK	L+L	Inner_1RB_Right	16.63	12.34	23.00	PASS
CA_n48B	30+30	10+10	DFT-16QAM	L+L	Inner_Full	16.51	12.22	23.00	PASS
CA_n48B	30+30	10+10	DFT-16QAM	L+L	Inner_1RB_Left	16.54	12.25	23.00	PASS
CA_n48B	30+30	10+10	DFT-16QAM	L+L	Inner_1RB_Right	16.55	12.26	23.00	PASS
CA_n48B	30+30	10+10	DFT-64QAM	L+L	Inner_Full	16.69	12.4	23.00	PASS
CA_n48B	30+30	10+10	DFT-64QAM	L+L	Inner_1RB_Left	16.49	12.2	23.00	PASS
CA_n48B	30+30	10+10	DFT-64QAM	L+L	Inner_1RB_Right	16.6	12.31	23.00	PASS
CA_n48B	30+30	10+10	DFT-256QAM	L+L	Inner_Full	16.46	12.17	23.00	PASS
CA_n48B	30+30	10+10	DFT-256QAM	L+L	Inner_1RB_Left	16.57	12.28	23.00	PASS
CA_n48B	30+30	10+10	DFT-	L+L	Inner_1RB_Right	16.61	12.32	23.00	PASS

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			256QAM						
CA_n48B	30+30	10+15	DFT-BPSK	L+L	Inner_Full	16.68	12.39	23.00	PASS
CA_n48B	30+30	10+15	DFT-BPSK	L+L	Inner_1RB_Left	16.65	12.36	23.00	PASS
CA_n48B	30+30	10+15	DFT-BPSK	L+L	Inner_1RB_Right	16.48	12.19	23.00	PASS
CA_n48B	30+30	10+15	DFT-QPSK	L+L	Inner_Full	16.68	12.39	23.00	PASS
CA_n48B	30+30	10+15	DFT-QPSK	L+L	Inner_1RB_Left	16.57	12.28	23.00	PASS
CA_n48B	30+30	10+15	DFT-QPSK	L+L	Inner_1RB_Right	16.59	12.3	23.00	PASS
CA_n48B	30+30	10+15	DFT-16QAM	L+L	Inner_Full	16.52	12.23	23.00	PASS
CA_n48B	30+30	10+15	DFT-16QAM	L+L	Inner_1RB_Left	16.68	12.39	23.00	PASS
CA_n48B	30+30	10+15	DFT-16QAM	L+L	Inner_1RB_Right	16.54	12.25	23.00	PASS
CA_n48B	30+30	10+15	DFT-64QAM	L+L	Inner_Full	16.71	12.42	23.00	PASS
CA_n48B	30+30	10+15	DFT-64QAM	L+L	Inner_1RB_Left	16.64	12.35	23.00	PASS
CA_n48B	30+30	10+15	DFT-64QAM	L+L	Inner_1RB_Right	16.63	12.34	23.00	PASS
CA_n48B	30+30	10+15	DFT-256QAM	L+L	Inner_Full	16.68	12.39	23.00	PASS
CA_n48B	30+30	10+15	DFT-256QAM	L+L	Inner_1RB_Left	16.64	12.35	23.00	PASS
CA_n48B	30+30	10+15	DFT-256QAM	L+L	Inner_1RB_Right	16.72	12.43	23.00	PASS
CA_n48B	30+30	10+20	DFT-BPSK	L+L	Inner_Full	16.67	12.38	23.00	PASS
CA_n48B	30+30	10+20	DFT-BPSK	L+L	Inner_1RB_Left	16.48	12.19	23.00	PASS
CA_n48B	30+30	10+20	DFT-	L+L	Inner_1RB_Right	16.7	12.41	23.00	PASS

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			BPSK						
CA_n48B	30+30	10+20	DFT-QPSK	L+L	Inner_Full	16.69	12.4	23.00	PASS
CA_n48B	30+30	10+20	DFT-QPSK	L+L	Inner_1RB_Left	16.62	12.33	23.00	PASS
CA_n48B	30+30	10+20	DFT-QPSK	L+L	Inner_1RB_Right	16.56	12.27	23.00	PASS
CA_n48B	30+30	10+20	DFT-16QAM	L+L	Inner_Full	16.7	12.41	23.00	PASS
CA_n48B	30+30	10+20	DFT-16QAM	L+L	Inner_1RB_Left	16.66	12.37	23.00	PASS
CA_n48B	30+30	10+20	DFT-16QAM	L+L	Inner_1RB_Right	16.7	12.41	23.00	PASS
CA_n48B	30+30	10+20	DFT-64QAM	L+L	Inner_Full	16.54	12.25	23.00	PASS
CA_n48B	30+30	10+20	DFT-64QAM	L+L	Inner_1RB_Left	16.63	12.34	23.00	PASS
CA_n48B	30+30	10+20	DFT-64QAM	L+L	Inner_1RB_Right	16.49	12.2	23.00	PASS
CA_n48B	30+30	10+20	DFT-256QAM	L+L	Inner_Full	16.55	12.26	23.00	PASS
CA_n48B	30+30	10+20	DFT-256QAM	L+L	Inner_1RB_Left	16.46	12.17	23.00	PASS
CA_n48B	30+30	10+20	DFT-256QAM	L+L	Inner_1RB_Right	16.59	12.3	23.00	PASS
CA_n48B	30+30	15+10	DFT-BPSK	L+L	Inner_Full	16.67	12.38	23.00	PASS
CA_n48B	30+30	15+10	DFT-BPSK	L+L	Inner_1RB_Left	16.62	12.33	23.00	PASS
CA_n48B	30+30	15+10	DFT-BPSK	L+L	Inner_1RB_Right	16.54	12.25	23.00	PASS
CA_n48B	30+30	15+10	DFT-QPSK	L+L	Inner_Full	16.7	12.41	23.00	PASS
CA_n48B	30+30	15+10	DFT-QPSK	L+L	Inner_1RB_Left	16.58	12.29	23.00	PASS
CA_n48B	30+30	15+10	DFT-	L+L	Inner_1RB_Right	16.65	12.36	23.00	PASS

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			QPSK						
CA_n48B	30+30	15+10	DFT-16QAM	L+L	Inner_Full	16.69	12.4	23.00	PASS
CA_n48B	30+30	15+10	DFT-16QAM	L+L	Inner_1RB_Left	16.68	12.39	23.00	PASS
CA_n48B	30+30	15+10	DFT-16QAM	L+L	Inner_1RB_Right	16.72	12.43	23.00	PASS
CA_n48B	30+30	15+10	DFT-64QAM	L+L	Inner_Full	16.57	12.28	23.00	PASS
CA_n48B	30+30	15+10	DFT-64QAM	L+L	Inner_1RB_Left	16.66	12.37	23.00	PASS
CA_n48B	30+30	15+10	DFT-64QAM	L+L	Inner_1RB_Right	16.48	12.19	23.00	PASS
CA_n48B	30+30	15+10	DFT-256QAM	L+L	Inner_Full	16.69	12.4	23.00	PASS
CA_n48B	30+30	15+10	DFT-256QAM	L+L	Inner_1RB_Left	16.51	12.22	23.00	PASS
CA_n48B	30+30	15+10	DFT-256QAM	L+L	Inner_1RB_Right	16.68	12.39	23.00	PASS
CA_n48B	30+30	15+15	DFT-BPSK	L+L	Inner_Full	16.62	12.33	23.00	PASS
CA_n48B	30+30	15+15	DFT-BPSK	L+L	Inner_1RB_Left	16.66	12.37	23.00	PASS
CA_n48B	30+30	15+15	DFT-BPSK	L+L	Inner_1RB_Right	16.58	12.29	23.00	PASS
CA_n48B	30+30	15+15	DFT-QPSK	L+L	Inner_Full	16.59	12.3	23.00	PASS
CA_n48B	30+30	15+15	DFT-QPSK	L+L	Inner_1RB_Left	16.62	12.33	23.00	PASS
CA_n48B	30+30	15+15	DFT-QPSK	L+L	Inner_1RB_Right	16.46	12.17	23.00	PASS
CA_n48B	30+30	15+15	DFT-16QAM	L+L	Inner_Full	16.52	12.23	23.00	PASS
CA_n48B	30+30	15+15	DFT-16QAM	L+L	Inner_1RB_Left	16.71	12.42	23.00	PASS
CA_n48B	30+30	15+15	DFT-	L+L	Inner_1RB_Right	16.61	12.32	23.00	PASS

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			16QAM						
CA_n48B	30+30	15+15	DFT-64QAM	L+L	Inner_Full	16.67	12.38	23.00	PASS
CA_n48B	30+30	15+15	DFT-64QAM	L+L	Inner_1RB_Left	16.67	12.38	23.00	PASS
CA_n48B	30+30	15+15	DFT-64QAM	L+L	Inner_1RB_Right	16.55	12.26	23.00	PASS
CA_n48B	30+30	15+15	DFT-256QAM	L+L	Inner_Full	16.62	12.33	23.00	PASS
CA_n48B	30+30	15+15	DFT-256QAM	L+L	Inner_1RB_Left	16.63	12.34	23.00	PASS
CA_n48B	30+30	15+15	DFT-256QAM	L+L	Inner_1RB_Right	16.48	12.19	23.00	PASS
CA_n48B	30+30	15+20	DFT-BPSK	L+L	Inner_Full	16.5	12.21	23.00	PASS
CA_n48B	30+30	15+20	DFT-BPSK	L+L	Inner_1RB_Left	16.71	12.42	23.00	PASS
CA_n48B	30+30	15+20	DFT-BPSK	L+L	Inner_1RB_Right	16.69	12.4	23.00	PASS
CA_n48B	30+30	15+20	DFT-QPSK	L+L	Inner_Full	16.65	12.36	23.00	PASS
CA_n48B	30+30	15+20	DFT-QPSK	L+L	Inner_1RB_Left	16.49	12.2	23.00	PASS
CA_n48B	30+30	15+20	DFT-QPSK	L+L	Inner_1RB_Right	16.6	12.31	23.00	PASS
CA_n48B	30+30	15+20	DFT-16QAM	L+L	Inner_Full	16.71	12.42	23.00	PASS
CA_n48B	30+30	15+20	DFT-16QAM	L+L	Inner_1RB_Left	16.51	12.22	23.00	PASS
CA_n48B	30+30	15+20	DFT-16QAM	L+L	Inner_1RB_Right	16.65	12.36	23.00	PASS
CA_n48B	30+30	15+20	DFT-64QAM	L+L	Inner_Full	16.48	12.19	23.00	PASS
CA_n48B	30+30	15+20	DFT-64QAM	L+L	Inner_1RB_Left	16.51	12.22	23.00	PASS
CA_n48B	30+30	15+20	DFT-	L+L	Inner_1RB_Right	16.62	12.33	23.00	PASS

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			64QAM						
CA_n48B	30+30	15+20	DFT-256QAM	L+L	Inner_Full	16.54	12.25	23.00	PASS
CA_n48B	30+30	15+20	DFT-256QAM	L+L	Inner_1RB_Left	16.61	12.32	23.00	PASS
CA_n48B	30+30	15+20	DFT-256QAM	L+L	Inner_1RB_Right	16.71	12.42	23.00	PASS
CA_n48B	30+30	20+10	DFT-BPSK	L+L	Inner_Full	16.63	12.34	23.00	PASS
CA_n48B	30+30	20+10	DFT-BPSK	L+L	Inner_1RB_Left	16.69	12.4	23.00	PASS
CA_n48B	30+30	20+10	DFT-BPSK	L+L	Inner_1RB_Right	16.54	12.25	23.00	PASS
CA_n48B	30+30	20+10	DFT-QPSK	L+L	Inner_Full	16.6	12.31	23.00	PASS
CA_n48B	30+30	20+10	DFT-QPSK	L+L	Inner_1RB_Left	16.46	12.17	23.00	PASS
CA_n48B	30+30	20+10	DFT-QPSK	L+L	Inner_1RB_Right	16.54	12.25	23.00	PASS
CA_n48B	30+30	20+10	DFT-16QAM	L+L	Inner_Full	16.7	12.41	23.00	PASS
CA_n48B	30+30	20+10	DFT-16QAM	L+L	Inner_1RB_Left	16.55	12.26	23.00	PASS
CA_n48B	30+30	20+10	DFT-16QAM	L+L	Inner_1RB_Right	16.63	12.34	23.00	PASS
CA_n48B	30+30	20+10	DFT-64QAM	L+L	Inner_Full	16.68	12.39	23.00	PASS
CA_n48B	30+30	20+10	DFT-64QAM	L+L	Inner_1RB_Left	16.47	12.18	23.00	PASS
CA_n48B	30+30	20+10	DFT-64QAM	L+L	Inner_1RB_Right	16.49	12.2	23.00	PASS
CA_n48B	30+30	20+10	DFT-256QAM	L+L	Inner_Full	16.54	12.25	23.00	PASS
CA_n48B	30+30	20+10	DFT-256QAM	L+L	Inner_1RB_Left	16.52	12.23	23.00	PASS
CA_n48B	30+30	20+10	DFT-	L+L	Inner_1RB_Right	16.46	12.17	23.00	PASS

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			256QAM						
CA_n48B	30+30	20+15	DFT-BPSK	L+L	Inner_Full	16.54	12.25	23.00	PASS
CA_n48B	30+30	20+15	DFT-BPSK	L+L	Inner_1RB_Left	16.55	12.26	23.00	PASS
CA_n48B	30+30	20+15	DFT-BPSK	L+L	Inner_1RB_Right	16.69	12.4	23.00	PASS
CA_n48B	30+30	20+15	DFT-QPSK	L+L	Inner_Full	16.6	12.31	23.00	PASS
CA_n48B	30+30	20+15	DFT-QPSK	L+L	Inner_1RB_Left	16.69	12.4	23.00	PASS
CA_n48B	30+30	20+15	DFT-QPSK	L+L	Inner_1RB_Right	16.69	12.4	23.00	PASS
CA_n48B	30+30	20+15	DFT-16QAM	L+L	Inner_Full	16.67	12.38	23.00	PASS
CA_n48B	30+30	20+15	DFT-16QAM	L+L	Inner_1RB_Left	16.64	12.35	23.00	PASS
CA_n48B	30+30	20+15	DFT-16QAM	L+L	Inner_1RB_Right	16.72	12.43	23.00	PASS
CA_n48B	30+30	20+15	DFT-64QAM	L+L	Inner_Full	16.66	12.37	23.00	PASS
CA_n48B	30+30	20+15	DFT-64QAM	L+L	Inner_1RB_Left	16.5	12.21	23.00	PASS
CA_n48B	30+30	20+15	DFT-64QAM	L+L	Inner_1RB_Right	16.59	12.3	23.00	PASS
CA_n48B	30+30	20+15	DFT-256QAM	L+L	Inner_Full	16.57	12.28	23.00	PASS
CA_n48B	30+30	20+15	DFT-256QAM	L+L	Inner_1RB_Left	16.53	12.24	23.00	PASS
CA_n48B	30+30	20+15	DFT-256QAM	L+L	Inner_1RB_Right	16.69	12.4	23.00	PASS
CA_n48B	30+30	20+20	DFT-BPSK	L+L	Inner_Full	16.62	12.33	23.00	PASS
CA_n48B	30+30	20+20	DFT-BPSK	L+L	Inner_1RB_Left	16.7	12.41	23.00	PASS
CA_n48B	30+30	20+20	DFT-	L+L	Inner_1RB_Right	16.68	12.39	23.00	PASS

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			BPSK						
CA_n48B	30+30	20+20	DFT-QPSK	L+L	Inner_Full	16.68	12.39	23.00	PASS
CA_n48B	30+30	20+20	DFT-QPSK	L+L	Inner_1RB_Left	16.62	12.33	23.00	PASS
CA_n48B	30+30	20+20	DFT-QPSK	L+L	Inner_1RB_Right	16.68	12.39	23.00	PASS
CA_n48B	30+30	20+20	DFT-16QAM	L+L	Inner_Full	16.61	12.32	23.00	PASS
CA_n48B	30+30	20+20	DFT-16QAM	L+L	Inner_1RB_Left	16.51	12.22	23.00	PASS
CA_n48B	30+30	20+20	DFT-16QAM	L+L	Inner_1RB_Right	16.72	12.43	23.00	PASS
CA_n48B	30+30	20+20	DFT-64QAM	L+L	Inner_Full	16.5	12.21	23.00	PASS
CA_n48B	30+30	20+20	DFT-64QAM	L+L	Inner_1RB_Left	16.49	12.2	23.00	PASS
CA_n48B	30+30	20+20	DFT-64QAM	L+L	Inner_1RB_Right	16.64	12.35	23.00	PASS
CA_n48B	30+30	20+20	DFT-256QAM	L+L	Inner_Full	16.56	12.27	23.00	PASS
CA_n48B	30+30	20+20	DFT-256QAM	L+L	Inner_1RB_Left	16.58	12.29	23.00	PASS
CA_n48B	30+30	20+20	DFT-256QAM	L+L	Inner_1RB_Right	16.55	12.26	23.00	PASS
CA_n48B	30+30	10+10	DFT-BPSK	M+M	Inner_Full	16.52	12.23	23.00	PASS
CA_n48B	30+30	10+10	DFT-BPSK	M+M	Inner_1RB_Left	16.54	12.25	23.00	PASS
CA_n48B	30+30	10+10	DFT-BPSK	M+M	Inner_1RB_Right	16.61	12.32	23.00	PASS
CA_n48B	30+30	10+10	DFT-QPSK	M+M	Inner_Full	16.62	12.33	23.00	PASS
CA_n48B	30+30	10+10	DFT-QPSK	M+M	Inner_1RB_Left	16.59	12.3	23.00	PASS
CA_n48B	30+30	10+10	DFT-	M+M	Inner_1RB_Right	16.59	12.3	23.00	PASS

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			QPSK						
CA_n48B	30+30	10+10	DFT-16QAM	M+M	Inner_Full	16.62	12.33	23.00	PASS
CA_n48B	30+30	10+10	DFT-16QAM	M+M	Inner_1RB_Left	16.48	12.19	23.00	PASS
CA_n48B	30+30	10+10	DFT-16QAM	M+M	Inner_1RB_Right	16.59	12.3	23.00	PASS
CA_n48B	30+30	10+10	DFT-64QAM	M+M	Inner_Full	16.6	12.31	23.00	PASS
CA_n48B	30+30	10+10	DFT-64QAM	M+M	Inner_1RB_Left	16.47	12.18	23.00	PASS
CA_n48B	30+30	10+10	DFT-64QAM	M+M	Inner_1RB_Right	16.62	12.33	23.00	PASS
CA_n48B	30+30	10+10	DFT-256QAM	M+M	Inner_Full	16.6	12.31	23.00	PASS
CA_n48B	30+30	10+10	DFT-256QAM	M+M	Inner_1RB_Left	16.57	12.28	23.00	PASS
CA_n48B	30+30	10+10	DFT-256QAM	M+M	Inner_1RB_Right	16.61	12.32	23.00	PASS
CA_n48B	30+30	10+15	DFT-BPSK	M+M	Inner_Full	16.63	12.34	23.00	PASS
CA_n48B	30+30	10+15	DFT-BPSK	M+M	Inner_1RB_Left	16.5	12.21	23.00	PASS
CA_n48B	30+30	10+15	DFT-BPSK	M+M	Inner_1RB_Right	16.72	12.43	23.00	PASS
CA_n48B	30+30	10+15	DFT-QPSK	M+M	Inner_Full	16.54	12.25	23.00	PASS
CA_n48B	30+30	10+15	DFT-QPSK	M+M	Inner_1RB_Left	16.56	12.27	23.00	PASS
CA_n48B	30+30	10+15	DFT-QPSK	M+M	Inner_1RB_Right	16.67	12.38	23.00	PASS
CA_n48B	30+30	10+15	DFT-16QAM	M+M	Inner_Full	16.69	12.4	23.00	PASS
CA_n48B	30+30	10+15	DFT-16QAM	M+M	Inner_1RB_Left	16.54	12.25	23.00	PASS
CA_n48B	30+30	10+15	DFT-	M+M	Inner_1RB_Right	16.55	12.26	23.00	PASS

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			16QAM						
CA_n48B	30+30	10+15	DFT-64QAM	M+M	Inner_Full	16.56	12.27	23.00	PASS
CA_n48B	30+30	10+15	DFT-64QAM	M+M	Inner_1RB_Left	16.68	12.39	23.00	PASS
CA_n48B	30+30	10+15	DFT-64QAM	M+M	Inner_1RB_Right	16.6	12.31	23.00	PASS
CA_n48B	30+30	10+15	DFT-256QAM	M+M	Inner_Full	16.64	12.35	23.00	PASS
CA_n48B	30+30	10+15	DFT-256QAM	M+M	Inner_1RB_Left	16.72	12.43	23.00	PASS
CA_n48B	30+30	10+15	DFT-256QAM	M+M	Inner_1RB_Right	16.52	12.23	23.00	PASS
CA_n48B	30+30	10+20	DFT-BPSK	M+M	Inner_Full	16.5	12.21	23.00	PASS
CA_n48B	30+30	10+20	DFT-BPSK	M+M	Inner_1RB_Left	16.58	12.29	23.00	PASS
CA_n48B	30+30	10+20	DFT-BPSK	M+M	Inner_1RB_Right	16.56	12.27	23.00	PASS
CA_n48B	30+30	10+20	DFT-QPSK	M+M	Inner_Full	16.59	12.3	23.00	PASS
CA_n48B	30+30	10+20	DFT-QPSK	M+M	Inner_1RB_Left	16.7	12.41	23.00	PASS
CA_n48B	30+30	10+20	DFT-QPSK	M+M	Inner_1RB_Right	16.58	12.29	23.00	PASS
CA_n48B	30+30	10+20	DFT-16QAM	M+M	Inner_Full	16.57	12.28	23.00	PASS
CA_n48B	30+30	10+20	DFT-16QAM	M+M	Inner_1RB_Left	16.7	12.41	23.00	PASS
CA_n48B	30+30	10+20	DFT-16QAM	M+M	Inner_1RB_Right	16.6	12.31	23.00	PASS
CA_n48B	30+30	10+20	DFT-64QAM	M+M	Inner_Full	16.65	12.36	23.00	PASS
CA_n48B	30+30	10+20	DFT-64QAM	M+M	Inner_1RB_Left	16.49	12.2	23.00	PASS
CA_n48B	30+30	10+20	DFT-	M+M	Inner_1RB_Right	16.62	12.33	23.00	PASS

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			64QAM						
CA_n48B	30+30	10+20	DFT-256QAM	M+M	Inner_Full	16.46	12.17	23.00	PASS
CA_n48B	30+30	10+20	DFT-256QAM	M+M	Inner_1RB_Left	16.51	12.22	23.00	PASS
CA_n48B	30+30	10+20	DFT-256QAM	M+M	Inner_1RB_Right	16.5	12.21	23.00	PASS
CA_n48B	30+30	15+10	DFT-BPSK	M+M	Inner_Full	16.7	12.41	23.00	PASS
CA_n48B	30+30	15+10	DFT-BPSK	M+M	Inner_1RB_Left	16.49	12.2	23.00	PASS
CA_n48B	30+30	15+10	DFT-BPSK	M+M	Inner_1RB_Right	16.54	12.25	23.00	PASS
CA_n48B	30+30	15+10	DFT-QPSK	M+M	Inner_Full	16.59	12.3	23.00	PASS
CA_n48B	30+30	15+10	DFT-QPSK	M+M	Inner_1RB_Left	16.57	12.28	23.00	PASS
CA_n48B	30+30	15+10	DFT-QPSK	M+M	Inner_1RB_Right	16.46	12.17	23.00	PASS
CA_n48B	30+30	15+10	DFT-16QAM	M+M	Inner_Full	16.6	12.31	23.00	PASS
CA_n48B	30+30	15+10	DFT-16QAM	M+M	Inner_1RB_Left	16.51	12.22	23.00	PASS
CA_n48B	30+30	15+10	DFT-16QAM	M+M	Inner_1RB_Right	16.58	12.29	23.00	PASS
CA_n48B	30+30	15+10	DFT-64QAM	M+M	Inner_Full	16.52	12.23	23.00	PASS
CA_n48B	30+30	15+10	DFT-64QAM	M+M	Inner_1RB_Left	16.7	12.41	23.00	PASS
CA_n48B	30+30	15+10	DFT-64QAM	M+M	Inner_1RB_Right	16.62	12.33	23.00	PASS
CA_n48B	30+30	15+10	DFT-256QAM	M+M	Inner_Full	16.72	12.43	23.00	PASS
CA_n48B	30+30	15+10	DFT-256QAM	M+M	Inner_1RB_Left	16.55	12.26	23.00	PASS
CA_n48B	30+30	15+10	DFT-	M+M	Inner_1RB_Right	16.59	12.3	23.00	PASS

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			256QAM						
CA_n48B	30+30	15+15	DFT-BPSK	M+M	Inner_Full	16.53	12.24	23.00	PASS
CA_n48B	30+30	15+15	DFT-BPSK	M+M	Inner_1RB_Left	16.54	12.25	23.00	PASS
CA_n48B	30+30	15+15	DFT-BPSK	M+M	Inner_1RB_Right	16.5	12.21	23.00	PASS
CA_n48B	30+30	15+15	DFT-QPSK	M+M	Inner_Full	16.5	12.21	23.00	PASS
CA_n48B	30+30	15+15	DFT-QPSK	M+M	Inner_1RB_Left	16.54	12.25	23.00	PASS
CA_n48B	30+30	15+15	DFT-QPSK	M+M	Inner_1RB_Right	16.62	12.33	23.00	PASS
CA_n48B	30+30	15+15	DFT-16QAM	M+M	Inner_Full	16.57	12.28	23.00	PASS
CA_n48B	30+30	15+15	DFT-16QAM	M+M	Inner_1RB_Left	16.56	12.27	23.00	PASS
CA_n48B	30+30	15+15	DFT-16QAM	M+M	Inner_1RB_Right	16.53	12.24	23.00	PASS
CA_n48B	30+30	15+15	DFT-64QAM	M+M	Inner_Full	16.52	12.23	23.00	PASS
CA_n48B	30+30	15+15	DFT-64QAM	M+M	Inner_1RB_Left	16.56	12.27	23.00	PASS
CA_n48B	30+30	15+15	DFT-64QAM	M+M	Inner_1RB_Right	16.54	12.25	23.00	PASS
CA_n48B	30+30	15+15	DFT-256QAM	M+M	Inner_Full	16.49	12.2	23.00	PASS
CA_n48B	30+30	15+15	DFT-256QAM	M+M	Inner_1RB_Left	16.72	12.43	23.00	PASS
CA_n48B	30+30	15+15	DFT-256QAM	M+M	Inner_1RB_Right	16.55	12.26	23.00	PASS
CA_n48B	30+30	15+20	DFT-BPSK	M+M	Inner_Full	16.54	12.25	23.00	PASS
CA_n48B	30+30	15+20	DFT-BPSK	M+M	Inner_1RB_Left	16.48	12.19	23.00	PASS
CA_n48B	30+30	15+20	DFT-	M+M	Inner_1RB_Right	16.58	12.29	23.00	PASS

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			BPSK						
CA_n48B	30+30	15+20	DFT-QPSK	M+M	Inner_Full	16.72	12.43	23.00	PASS
CA_n48B	30+30	15+20	DFT-QPSK	M+M	Inner_1RB_Left	16.71	12.42	23.00	PASS
CA_n48B	30+30	15+20	DFT-QPSK	M+M	Inner_1RB_Right	16.69	12.4	23.00	PASS
CA_n48B	30+30	15+20	DFT-16QAM	M+M	Inner_Full	16.71	12.42	23.00	PASS
CA_n48B	30+30	15+20	DFT-16QAM	M+M	Inner_1RB_Left	16.56	12.27	23.00	PASS
CA_n48B	30+30	15+20	DFT-16QAM	M+M	Inner_1RB_Right	16.54	12.25	23.00	PASS
CA_n48B	30+30	15+20	DFT-64QAM	M+M	Inner_Full	16.7	12.41	23.00	PASS
CA_n48B	30+30	15+20	DFT-64QAM	M+M	Inner_1RB_Left	16.64	12.35	23.00	PASS
CA_n48B	30+30	15+20	DFT-64QAM	M+M	Inner_1RB_Right	16.48	12.19	23.00	PASS
CA_n48B	30+30	15+20	DFT-256QAM	M+M	Inner_Full	16.72	12.43	23.00	PASS
CA_n48B	30+30	15+20	DFT-256QAM	M+M	Inner_1RB_Left	16.48	12.19	23.00	PASS
CA_n48B	30+30	15+20	DFT-256QAM	M+M	Inner_1RB_Right	16.61	12.32	23.00	PASS
CA_n48B	30+30	20+10	DFT-BPSK	M+M	Inner_Full	16.68	12.39	23.00	PASS
CA_n48B	30+30	20+10	DFT-BPSK	M+M	Inner_1RB_Left	16.51	12.22	23.00	PASS
CA_n48B	30+30	20+10	DFT-BPSK	M+M	Inner_1RB_Right	16.46	12.17	23.00	PASS
CA_n48B	30+30	20+10	DFT-QPSK	M+M	Inner_Full	16.61	12.32	23.00	PASS
CA_n48B	30+30	20+10	DFT-QPSK	M+M	Inner_1RB_Left	16.46	12.17	23.00	PASS
CA_n48B	30+30	20+10	DFT-	M+M	Inner_1RB_Right	16.62	12.33	23.00	PASS

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			QPSK						
CA_n48B	30+30	20+10	DFT-16QAM	M+M	Inner_Full	16.59	12.3	23.00	PASS
CA_n48B	30+30	20+10	DFT-16QAM	M+M	Inner_1RB_Left	16.56	12.27	23.00	PASS
CA_n48B	30+30	20+10	DFT-16QAM	M+M	Inner_1RB_Right	16.57	12.28	23.00	PASS
CA_n48B	30+30	20+10	DFT-64QAM	M+M	Inner_Full	16.49	12.2	23.00	PASS
CA_n48B	30+30	20+10	DFT-64QAM	M+M	Inner_1RB_Left	16.46	12.17	23.00	PASS
CA_n48B	30+30	20+10	DFT-64QAM	M+M	Inner_1RB_Right	16.72	12.43	23.00	PASS
CA_n48B	30+30	20+10	DFT-256QAM	M+M	Inner_Full	16.58	12.29	23.00	PASS
CA_n48B	30+30	20+10	DFT-256QAM	M+M	Inner_1RB_Left	16.58	12.29	23.00	PASS
CA_n48B	30+30	20+10	DFT-256QAM	M+M	Inner_1RB_Right	16.54	12.25	23.00	PASS
CA_n48B	30+30	20+15	DFT-BPSK	M+M	Inner_Full	16.65	12.36	23.00	PASS
CA_n48B	30+30	20+15	DFT-BPSK	M+M	Inner_1RB_Left	16.47	12.18	23.00	PASS
CA_n48B	30+30	20+15	DFT-BPSK	M+M	Inner_1RB_Right	16.57	12.28	23.00	PASS
CA_n48B	30+30	20+15	DFT-QPSK	M+M	Inner_Full	16.6	12.31	23.00	PASS
CA_n48B	30+30	20+15	DFT-QPSK	M+M	Inner_1RB_Left	16.5	12.21	23.00	PASS
CA_n48B	30+30	20+15	DFT-QPSK	M+M	Inner_1RB_Right	16.72	12.43	23.00	PASS
CA_n48B	30+30	20+15	DFT-16QAM	M+M	Inner_Full	16.62	12.33	23.00	PASS
CA_n48B	30+30	20+15	DFT-16QAM	M+M	Inner_1RB_Left	16.47	12.18	23.00	PASS
CA_n48B	30+30	20+15	DFT-	M+M	Inner_1RB_Right	16.6	12.31	23.00	PASS

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			16QAM						
CA_n48B	30+30	20+15	DFT-64QAM	M+M	Inner_Full	16.47	12.18	23.00	PASS
CA_n48B	30+30	20+15	DFT-64QAM	M+M	Inner_1RB_Left	16.48	12.19	23.00	PASS
CA_n48B	30+30	20+15	DFT-64QAM	M+M	Inner_1RB_Right	16.69	12.4	23.00	PASS
CA_n48B	30+30	20+15	DFT-256QAM	M+M	Inner_Full	16.66	12.37	23.00	PASS
CA_n48B	30+30	20+15	DFT-256QAM	M+M	Inner_1RB_Left	16.69	12.4	23.00	PASS
CA_n48B	30+30	20+15	DFT-256QAM	M+M	Inner_1RB_Right	16.7	12.41	23.00	PASS
CA_n48B	30+30	20+20	DFT-BPSK	M+M	Inner_Full	16.69	12.4	23.00	PASS
CA_n48B	30+30	20+20	DFT-BPSK	M+M	Inner_1RB_Left	16.46	12.17	23.00	PASS
CA_n48B	30+30	20+20	DFT-BPSK	M+M	Inner_1RB_Right	16.54	12.25	23.00	PASS
CA_n48B	30+30	20+20	DFT-QPSK	M+M	Inner_Full	16.5	12.21	23.00	PASS
CA_n48B	30+30	20+20	DFT-QPSK	M+M	Inner_1RB_Left	16.7	12.41	23.00	PASS
CA_n48B	30+30	20+20	DFT-QPSK	M+M	Inner_1RB_Right	16.57	12.28	23.00	PASS
CA_n48B	30+30	20+20	DFT-16QAM	M+M	Inner_Full	16.46	12.17	23.00	PASS
CA_n48B	30+30	20+20	DFT-16QAM	M+M	Inner_1RB_Left	16.57	12.28	23.00	PASS
CA_n48B	30+30	20+20	DFT-16QAM	M+M	Inner_1RB_Right	16.55	12.26	23.00	PASS
CA_n48B	30+30	20+20	DFT-64QAM	M+M	Inner_Full	16.65	12.36	23.00	PASS
CA_n48B	30+30	20+20	DFT-64QAM	M+M	Inner_1RB_Left	16.55	12.26	23.00	PASS
CA_n48B	30+30	20+20	DFT-	M+M	Inner_1RB_Right	16.67	12.38	23.00	PASS

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			64QAM						
CA_n48B	30+30	20+20	DFT-256QAM	M+M	Inner_Full	16.47	12.18	23.00	PASS
CA_n48B	30+30	20+20	DFT-256QAM	M+M	Inner_1RB_Left	16.71	12.42	23.00	PASS
CA_n48B	30+30	20+20	DFT-256QAM	M+M	Inner_1RB_Right	16.62	12.33	23.00	PASS
CA_n48B	30+30	10+10	DFT-BPSK	H+H	Inner_Full	16.65	12.36	23.00	PASS
CA_n48B	30+30	10+10	DFT-BPSK	H+H	Inner_1RB_Left	16.68	12.39	23.00	PASS
CA_n48B	30+30	10+10	DFT-BPSK	H+H	Inner_1RB_Right	16.53	12.24	23.00	PASS
CA_n48B	30+30	10+10	DFT-QPSK	H+H	Inner_Full	16.49	12.2	23.00	PASS
CA_n48B	30+30	10+10	DFT-QPSK	H+H	Inner_1RB_Left	16.61	12.32	23.00	PASS
CA_n48B	30+30	10+10	DFT-QPSK	H+H	Inner_1RB_Right	16.65	12.36	23.00	PASS
CA_n48B	30+30	10+10	DFT-16QAM	H+H	Inner_Full	16.57	12.28	23.00	PASS
CA_n48B	30+30	10+10	DFT-16QAM	H+H	Inner_1RB_Left	16.47	12.18	23.00	PASS
CA_n48B	30+30	10+10	DFT-16QAM	H+H	Inner_1RB_Right	16.5	12.21	23.00	PASS
CA_n48B	30+30	10+10	DFT-64QAM	H+H	Inner_Full	16.66	12.37	23.00	PASS
CA_n48B	30+30	10+10	DFT-64QAM	H+H	Inner_1RB_Left	16.66	12.37	23.00	PASS
CA_n48B	30+30	10+10	DFT-64QAM	H+H	Inner_1RB_Right	16.67	12.38	23.00	PASS
CA_n48B	30+30	10+10	DFT-256QAM	H+H	Inner_Full	16.49	12.2	23.00	PASS
CA_n48B	30+30	10+10	DFT-256QAM	H+H	Inner_1RB_Left	16.6	12.31	23.00	PASS
CA_n48B	30+30	10+10	DFT-	H+H	Inner_1RB_Right	16.69	12.4	23.00	PASS

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			256QAM						
CA_n48B	30+30	10+15	DFT-BPSK	H+H	Inner_Full	16.7	12.41	23.00	PASS
CA_n48B	30+30	10+15	DFT-BPSK	H+H	Inner_1RB_Left	16.58	12.29	23.00	PASS
CA_n48B	30+30	10+15	DFT-BPSK	H+H	Inner_1RB_Right	16.7	12.41	23.00	PASS
CA_n48B	30+30	10+15	DFT-QPSK	H+H	Inner_Full	16.52	12.23	23.00	PASS
CA_n48B	30+30	10+15	DFT-QPSK	H+H	Inner_1RB_Left	16.69	12.4	23.00	PASS
CA_n48B	30+30	10+15	DFT-QPSK	H+H	Inner_1RB_Right	16.6	12.31	23.00	PASS
CA_n48B	30+30	10+15	DFT-16QAM	H+H	Inner_Full	16.5	12.21	23.00	PASS
CA_n48B	30+30	10+15	DFT-16QAM	H+H	Inner_1RB_Left	16.53	12.24	23.00	PASS
CA_n48B	30+30	10+15	DFT-16QAM	H+H	Inner_1RB_Right	16.68	12.39	23.00	PASS
CA_n48B	30+30	10+15	DFT-64QAM	H+H	Inner_Full	16.53	12.24	23.00	PASS
CA_n48B	30+30	10+15	DFT-64QAM	H+H	Inner_1RB_Left	16.68	12.39	23.00	PASS
CA_n48B	30+30	10+15	DFT-64QAM	H+H	Inner_1RB_Right	16.62	12.33	23.00	PASS
CA_n48B	30+30	10+15	DFT-256QAM	H+H	Inner_Full	16.56	12.27	23.00	PASS
CA_n48B	30+30	10+15	DFT-256QAM	H+H	Inner_1RB_Left	16.63	12.34	23.00	PASS
CA_n48B	30+30	10+15	DFT-256QAM	H+H	Inner_1RB_Right	16.52	12.23	23.00	PASS
CA_n48B	30+30	10+20	DFT-BPSK	H+H	Inner_Full	16.7	12.41	23.00	PASS
CA_n48B	30+30	10+20	DFT-BPSK	H+H	Inner_1RB_Left	16.71	12.42	23.00	PASS
CA_n48B	30+30	10+20	DFT-	H+H	Inner_1RB_Right	16.72	12.43	23.00	PASS

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			BPSK						
CA_n48B	30+30	10+20	DFT-QPSK	H+H	Inner_Full	16.72	12.43	23.00	PASS
CA_n48B	30+30	10+20	DFT-QPSK	H+H	Inner_1RB_Left	16.67	12.38	23.00	PASS
CA_n48B	30+30	10+20	DFT-QPSK	H+H	Inner_1RB_Right	16.6	12.31	23.00	PASS
CA_n48B	30+30	10+20	DFT-16QAM	H+H	Inner_Full	16.59	12.3	23.00	PASS
CA_n48B	30+30	10+20	DFT-16QAM	H+H	Inner_1RB_Left	16.57	12.28	23.00	PASS
CA_n48B	30+30	10+20	DFT-16QAM	H+H	Inner_1RB_Right	16.53	12.24	23.00	PASS
CA_n48B	30+30	10+20	DFT-64QAM	H+H	Inner_Full	16.69	12.4	23.00	PASS
CA_n48B	30+30	10+20	DFT-64QAM	H+H	Inner_1RB_Left	16.67	12.38	23.00	PASS
CA_n48B	30+30	10+20	DFT-64QAM	H+H	Inner_1RB_Right	16.55	12.26	23.00	PASS
CA_n48B	30+30	10+20	DFT-256QAM	H+H	Inner_Full	16.64	12.35	23.00	PASS
CA_n48B	30+30	10+20	DFT-256QAM	H+H	Inner_1RB_Left	16.6	12.31	23.00	PASS
CA_n48B	30+30	10+20	DFT-256QAM	H+H	Inner_1RB_Right	16.65	12.36	23.00	PASS
CA_n48B	30+30	15+10	DFT-BPSK	H+H	Inner_Full	16.7	12.41	23.00	PASS
CA_n48B	30+30	15+10	DFT-BPSK	H+H	Inner_1RB_Left	16.47	12.18	23.00	PASS
CA_n48B	30+30	15+10	DFT-BPSK	H+H	Inner_1RB_Right	16.49	12.2	23.00	PASS
CA_n48B	30+30	15+10	DFT-QPSK	H+H	Inner_Full	16.68	12.39	23.00	PASS
CA_n48B	30+30	15+10	DFT-QPSK	H+H	Inner_1RB_Left	16.49	12.2	23.00	PASS
CA_n48B	30+30	15+10	DFT-	H+H	Inner_1RB_Right	16.66	12.37	23.00	PASS

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			QPSK						
CA_n48B	30+30	15+10	DFT-16QAM	H+H	Inner_Full	16.48	12.19	23.00	PASS
CA_n48B	30+30	15+10	DFT-16QAM	H+H	Inner_1RB_Left	16.59	12.3	23.00	PASS
CA_n48B	30+30	15+10	DFT-16QAM	H+H	Inner_1RB_Right	16.55	12.26	23.00	PASS
CA_n48B	30+30	15+10	DFT-64QAM	H+H	Inner_Full	16.71	12.42	23.00	PASS
CA_n48B	30+30	15+10	DFT-64QAM	H+H	Inner_1RB_Left	16.65	12.36	23.00	PASS
CA_n48B	30+30	15+10	DFT-64QAM	H+H	Inner_1RB_Right	16.69	12.4	23.00	PASS
CA_n48B	30+30	15+10	DFT-256QAM	H+H	Inner_Full	16.54	12.25	23.00	PASS
CA_n48B	30+30	15+10	DFT-256QAM	H+H	Inner_1RB_Left	16.46	12.17	23.00	PASS
CA_n48B	30+30	15+10	DFT-256QAM	H+H	Inner_1RB_Right	16.51	12.22	23.00	PASS
CA_n48B	30+30	15+15	DFT-BPSK	H+H	Inner_Full	16.58	12.29	23.00	PASS
CA_n48B	30+30	15+15	DFT-BPSK	H+H	Inner_1RB_Left	16.58	12.29	23.00	PASS
CA_n48B	30+30	15+15	DFT-BPSK	H+H	Inner_1RB_Right	16.49	12.2	23.00	PASS
CA_n48B	30+30	15+15	DFT-QPSK	H+H	Inner_Full	16.68	12.39	23.00	PASS
CA_n48B	30+30	15+15	DFT-QPSK	H+H	Inner_1RB_Left	16.65	12.36	23.00	PASS
CA_n48B	30+30	15+15	DFT-QPSK	H+H	Inner_1RB_Right	16.6	12.31	23.00	PASS
CA_n48B	30+30	15+15	DFT-16QAM	H+H	Inner_Full	16.58	12.29	23.00	PASS
CA_n48B	30+30	15+15	DFT-16QAM	H+H	Inner_1RB_Left	16.72	12.43	23.00	PASS
CA_n48B	30+30	15+15	DFT-	H+H	Inner_1RB_Right	16.69	12.4	23.00	PASS

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			16QAM						
CA_n48B	30+30	15+15	DFT-64QAM	H+H	Inner_Full	16.61	12.32	23.00	PASS
CA_n48B	30+30	15+15	DFT-64QAM	H+H	Inner_1RB_Left	16.64	12.35	23.00	PASS
CA_n48B	30+30	15+15	DFT-64QAM	H+H	Inner_1RB_Right	16.54	12.25	23.00	PASS
CA_n48B	30+30	15+15	DFT-256QAM	H+H	Inner_Full	16.48	12.19	23.00	PASS
CA_n48B	30+30	15+15	DFT-256QAM	H+H	Inner_1RB_Left	16.69	12.4	23.00	PASS
CA_n48B	30+30	15+15	DFT-256QAM	H+H	Inner_1RB_Right	16.66	12.37	23.00	PASS
CA_n48B	30+30	15+20	DFT-BPSK	H+H	Inner_Full	16.71	12.42	23.00	PASS
CA_n48B	30+30	15+20	DFT-BPSK	H+H	Inner_1RB_Left	16.47	12.18	23.00	PASS
CA_n48B	30+30	15+20	DFT-BPSK	H+H	Inner_1RB_Right	16.53	12.24	23.00	PASS
CA_n48B	30+30	15+20	DFT-QPSK	H+H	Inner_Full	16.57	12.28	23.00	PASS
CA_n48B	30+30	15+20	DFT-QPSK	H+H	Inner_1RB_Left	16.68	12.39	23.00	PASS
CA_n48B	30+30	15+20	DFT-QPSK	H+H	Inner_1RB_Right	16.69	12.4	23.00	PASS
CA_n48B	30+30	15+20	DFT-16QAM	H+H	Inner_Full	16.7	12.41	23.00	PASS
CA_n48B	30+30	15+20	DFT-16QAM	H+H	Inner_1RB_Left	16.69	12.4	23.00	PASS
CA_n48B	30+30	15+20	DFT-16QAM	H+H	Inner_1RB_Right	16.62	12.33	23.00	PASS
CA_n48B	30+30	15+20	DFT-64QAM	H+H	Inner_Full	16.52	12.23	23.00	PASS
CA_n48B	30+30	15+20	DFT-64QAM	H+H	Inner_1RB_Left	16.62	12.33	23.00	PASS
CA_n48B	30+30	15+20	DFT-	H+H	Inner_1RB_Right	16.59	12.3	23.00	PASS

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			64QAM						
CA_n48B	30+30	15+20	DFT-256QAM	H+H	Inner_Full	16.67	12.38	23.00	PASS
CA_n48B	30+30	15+20	DFT-256QAM	H+H	Inner_1RB_Left	16.59	12.3	23.00	PASS
CA_n48B	30+30	15+20	DFT-256QAM	H+H	Inner_1RB_Right	16.71	12.42	23.00	PASS
CA_n48B	30+30	20+10	DFT-BPSK	H+H	Inner_Full	16.58	12.29	23.00	PASS
CA_n48B	30+30	20+10	DFT-BPSK	H+H	Inner_1RB_Left	16.57	12.28	23.00	PASS
CA_n48B	30+30	20+10	DFT-BPSK	H+H	Inner_1RB_Right	16.67	12.38	23.00	PASS
CA_n48B	30+30	20+10	DFT-QPSK	H+H	Inner_Full	16.62	12.33	23.00	PASS
CA_n48B	30+30	20+10	DFT-QPSK	H+H	Inner_1RB_Left	16.55	12.26	23.00	PASS
CA_n48B	30+30	20+10	DFT-QPSK	H+H	Inner_1RB_Right	16.6	12.31	23.00	PASS
CA_n48B	30+30	20+10	DFT-16QAM	H+H	Inner_Full	16.67	12.38	23.00	PASS
CA_n48B	30+30	20+10	DFT-16QAM	H+H	Inner_1RB_Left	16.51	12.22	23.00	PASS
CA_n48B	30+30	20+10	DFT-16QAM	H+H	Inner_1RB_Right	16.72	12.43	23.00	PASS
CA_n48B	30+30	20+10	DFT-64QAM	H+H	Inner_Full	16.47	12.18	23.00	PASS
CA_n48B	30+30	20+10	DFT-64QAM	H+H	Inner_1RB_Left	16.62	12.33	23.00	PASS
CA_n48B	30+30	20+10	DFT-64QAM	H+H	Inner_1RB_Right	16.7	12.41	23.00	PASS
CA_n48B	30+30	20+10	DFT-256QAM	H+H	Inner_Full	16.59	12.3	23.00	PASS
CA_n48B	30+30	20+10	DFT-256QAM	H+H	Inner_1RB_Left	16.5	12.21	23.00	PASS
CA_n48B	30+30	20+10	DFT-	H+H	Inner_1RB_Right	16.64	12.35	23.00	PASS

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			256QAM						
CA_n48B	30+30	20+15	DFT-BPSK	H+H	Inner_Full	16.52	12.23	23.00	PASS
CA_n48B	30+30	20+15	DFT-BPSK	H+H	Inner_1RB_Left	16.59	12.3	23.00	PASS
CA_n48B	30+30	20+15	DFT-BPSK	H+H	Inner_1RB_Right	16.69	12.4	23.00	PASS
CA_n48B	30+30	20+15	DFT-QPSK	H+H	Inner_Full	16.47	12.18	23.00	PASS
CA_n48B	30+30	20+15	DFT-QPSK	H+H	Inner_1RB_Left	16.47	12.18	23.00	PASS
CA_n48B	30+30	20+15	DFT-QPSK	H+H	Inner_1RB_Right	16.48	12.19	23.00	PASS
CA_n48B	30+30	20+15	DFT-16QAM	H+H	Inner_Full	16.66	12.37	23.00	PASS
CA_n48B	30+30	20+15	DFT-16QAM	H+H	Inner_1RB_Left	16.66	12.37	23.00	PASS
CA_n48B	30+30	20+15	DFT-16QAM	H+H	Inner_1RB_Right	16.46	12.17	23.00	PASS
CA_n48B	30+30	20+15	DFT-64QAM	H+H	Inner_Full	16.6	12.31	23.00	PASS
CA_n48B	30+30	20+15	DFT-64QAM	H+H	Inner_1RB_Left	16.48	12.19	23.00	PASS
CA_n48B	30+30	20+15	DFT-64QAM	H+H	Inner_1RB_Right	16.7	12.41	23.00	PASS
CA_n48B	30+30	20+15	DFT-256QAM	H+H	Inner_Full	16.65	12.36	23.00	PASS
CA_n48B	30+30	20+15	DFT-256QAM	H+H	Inner_1RB_Left	16.68	12.39	23.00	PASS
CA_n48B	30+30	20+15	DFT-256QAM	H+H	Inner_1RB_Right	16.46	12.17	23.00	PASS
CA_n48B	30+30	20+20	DFT-BPSK	H+H	Inner_Full	16.51	12.22	23.00	PASS
CA_n48B	30+30	20+20	DFT-BPSK	H+H	Inner_1RB_Left	16.65	12.36	23.00	PASS
CA_n48B	30+30	20+20	DFT-	H+H	Inner_1RB_Right	16.55	12.26	23.00	PASS

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			BPSK						
CA_n48B	30+30	20+20	DFT-QPSK	H+H	Inner_Full	16.49	12.2	23.00	PASS
CA_n48B	30+30	20+20	DFT-QPSK	H+H	Inner_1RB_Left	16.67	12.38	23.00	PASS
CA_n48B	30+30	20+20	DFT-QPSK	H+H	Inner_1RB_Right	16.6	12.31	23.00	PASS
CA_n48B	30+30	20+20	DFT-16QAM	H+H	Inner_Full	16.6	12.31	23.00	PASS
CA_n48B	30+30	20+20	DFT-16QAM	H+H	Inner_1RB_Left	16.6	12.31	23.00	PASS
CA_n48B	30+30	20+20	DFT-16QAM	H+H	Inner_1RB_Right	16.63	12.34	23.00	PASS
CA_n48B	30+30	20+20	DFT-64QAM	H+H	Inner_Full	16.65	12.36	23.00	PASS
CA_n48B	30+30	20+20	DFT-64QAM	H+H	Inner_1RB_Left	16.49	12.2	23.00	PASS
CA_n48B	30+30	20+20	DFT-64QAM	H+H	Inner_1RB_Right	16.67	12.38	23.00	PASS
CA_n48B	30+30	20+20	DFT-256QAM	H+H	Inner_Full	16.57	12.28	23.00	PASS
CA_n48B	30+30	20+20	DFT-256QAM	H+H	Inner_1RB_Left	16.62	12.33	23.00	PASS
CA_n48B	30+30	20+20	DFT-256QAM	H+H	Inner_1RB_Right	16.52	12.23	23.00	PASS

26dB Bandwidth and Occupied Bandwidth for SA ULCA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
CA_n48B	30+30	10+10	DFT-BPSK	M+M	Outer_Full	18.603	19.980	PASS
CA_n48B	30+30	10+10	DFT-QPSK	M+M	Outer_Full	18.599	19.940	PASS
CA_n48B	30+30	10+10	DFT-16QAM	M+M	Outer_Full	18.59	19.980	PASS
CA_n48B	30+30	10+10	DFT-64QAM	M+M	Outer_Full	18.585	19.980	PASS

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CA_n48B	30+30	10+10	DFT-256QAM	M+M	Outer_Full	18.609	20.020	PASS
CA_n48B	30+30	10+10	CP-QPSK	M+M	Outer_Full	18.619	20.020	PASS
CA_n48B	30+30	10+10	CP-16QAM	M+M	Outer_Full	18.59	19.980	PASS
CA_n48B	30+30	10+10	CP-64QAM	M+M	Outer_Full	18.604	19.980	PASS
CA_n48B	30+30	10+10	CP-256QAM	M+M	Outer_Full	18.604	19.980	PASS
CA_n48B	30+30	10+15	DFT-BPSK	M+M	Outer_Full	22.864	24.240	PASS
CA_n48B	30+30	10+15	DFT-QPSK	M+M	Outer_Full	22.866	24.190	PASS
CA_n48B	30+30	10+15	DFT-16QAM	M+M	Outer_Full	22.865	24.290	PASS
CA_n48B	30+30	10+15	DFT-64QAM	M+M	Outer_Full	22.875	24.240	PASS
CA_n48B	30+30	10+15	DFT-256QAM	M+M	Outer_Full	22.868	24.240	PASS
CA_n48B	30+30	10+15	CP-QPSK	M+M	Outer_Full	22.863	24.240	PASS
CA_n48B	30+30	10+15	CP-16QAM	M+M	Outer_Full	22.874	24.240	PASS
CA_n48B	30+30	10+15	CP-64QAM	M+M	Outer_Full	22.873	24.240	PASS
CA_n48B	30+30	10+15	CP-256QAM	M+M	Outer_Full	22.868	24.240	PASS
CA_n48B	30+30	10+20	DFT-BPSK	M+M	Outer_Full	27.628	29.045	PASS
CA_n48B	30+30	10+20	DFT-QPSK	M+M	Outer_Full	27.641	29.045	PASS
CA_n48B	30+30	10+20	DFT-16QAM	M+M	Outer_Full	27.656	28.985	PASS
CA_n48B	30+30	10+20	DFT-64QAM	M+M	Outer_Full	27.65	28.985	PASS
CA_n48B	30+30	10+20	DFT-256QAM	M+M	Outer_Full	27.636	28.985	PASS
CA_n48B	30+30	10+20	CP-QPSK	M+M	Outer_Full	27.657	28.985	PASS
CA_n48B	30+30	10+20	CP-16QAM	M+M	Outer_Full	27.65	29.045	PASS
CA_n48B	30+30	10+20	CP-64QAM	M+M	Outer_Full	27.64	29.045	PASS
CA_n48B	30+30	10+20	CP-256QAM	M+M	Outer_Full	27.661	28.985	PASS
CA_n48B	30+30	15+10	DFT-BPSK	M+M	Outer_Full	23.62	24.990	PASS
CA_n48B	30+30	15+10	DFT-QPSK	M+M	Outer_Full	23.628	24.990	PASS
CA_n48B	30+30	15+10	DFT-16QAM	M+M	Outer_Full	23.619	24.890	PASS
CA_n48B	30+30	15+10	DFT-64QAM	M+M	Outer_Full	23.609	24.940	PASS
CA_n48B	30+30	15+10	DFT-256QAM	M+M	Outer_Full	23.629	24.890	PASS
CA_n48B	30+30	15+10	CP-QPSK	M+M	Outer_Full	23.63	24.990	PASS
CA_n48B	30+30	15+10	CP-16QAM	M+M	Outer_Full	23.629	24.990	PASS
CA_n48B	30+30	15+10	CP-64QAM	M+M	Outer_Full	23.632	24.990	PASS
CA_n48B	30+30	15+10	CP-256QAM	M+M	Outer_Full	23.615	24.940	PASS
CA_n48B	30+30	15+15	DFT-BPSK	M+M	Outer_Full	24.967	26.289	PASS
CA_n48B	30+30	15+15	DFT-QPSK	M+M	Outer_Full	24.977	26.403	PASS
CA_n48B	30+30	15+15	DFT-16QAM	M+M	Outer_Full	24.965	26.403	PASS
CA_n48B	30+30	15+15	DFT-64QAM	M+M	Outer_Full	24.974	26.460	PASS

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CA_n48B	30+30	15+15	DFT-256QAM	M+M	Outer_Full	24.983	26.403	PASS
CA_n48B	30+30	15+15	CP-QPSK	M+M	Outer_Full	24.984	26.403	PASS
CA_n48B	30+30	15+15	CP-16QAM	M+M	Outer_Full	24.969	26.460	PASS
CA_n48B	30+30	15+15	CP-64QAM	M+M	Outer_Full	24.978	26.460	PASS
CA_n48B	30+30	15+15	CP-256QAM	M+M	Outer_Full	24.974	26.460	PASS
CA_n48B	30+30	15+20	DFT-BPSK	M+M	Outer_Full	27.594	29.093	PASS
CA_n48B	30+30	15+20	DFT-QPSK	M+M	Outer_Full	27.581	29.093	PASS
CA_n48B	30+30	15+20	DFT-16QAM	M+M	Outer_Full	27.595	29.093	PASS
CA_n48B	30+30	15+20	DFT-64QAM	M+M	Outer_Full	27.615	29.157	PASS
CA_n48B	30+30	15+20	DFT-256QAM	M+M	Outer_Full	27.571	29.157	PASS
CA_n48B	30+30	15+20	CP-QPSK	M+M	Outer_Full	27.576	29.157	PASS
CA_n48B	30+30	15+20	CP-16QAM	M+M	Outer_Full	27.582	29.093	PASS
CA_n48B	30+30	15+20	CP-64QAM	M+M	Outer_Full	27.582	29.028	PASS
CA_n48B	30+30	15+20	CP-256QAM	M+M	Outer_Full	27.611	29.093	PASS
CA_n48B	30+30	20+10	DFT-BPSK	M+M	Outer_Full	28.033	29.403	PASS
CA_n48B	30+30	20+10	DFT-QPSK	M+M	Outer_Full	28.022	29.522	PASS
CA_n48B	30+30	20+10	DFT-16QAM	M+M	Outer_Full	28.035	29.462	PASS
CA_n48B	30+30	20+10	DFT-64QAM	M+M	Outer_Full	28.043	29.522	PASS
CA_n48B	30+30	20+10	DFT-256QAM	M+M	Outer_Full	28.044	29.522	PASS
CA_n48B	30+30	20+10	CP-QPSK	M+M	Outer_Full	28.022	29.522	PASS
CA_n48B	30+30	20+10	CP-16QAM	M+M	Outer_Full	28.037	29.462	PASS
CA_n48B	30+30	20+10	CP-64QAM	M+M	Outer_Full	28.042	29.522	PASS
CA_n48B	30+30	20+10	CP-256QAM	M+M	Outer_Full	28.031	29.462	PASS
CA_n48B	30+30	20+15	DFT-BPSK	M+M	Outer_Full	32.247	33.855	PASS
CA_n48B	30+30	20+15	DFT-QPSK	M+M	Outer_Full	32.263	33.855	PASS
CA_n48B	30+30	20+15	DFT-16QAM	M+M	Outer_Full	32.262	33.855	PASS
CA_n48B	30+30	20+15	DFT-64QAM	M+M	Outer_Full	32.271	35.178	PASS
CA_n48B	30+30	20+15	DFT-256QAM	M+M	Outer_Full	32.27	34.273	PASS
CA_n48B	30+30	20+15	CP-QPSK	M+M	Outer_Full	32.263	34.133	PASS
CA_n48B	30+30	20+15	CP-16QAM	M+M	Outer_Full	32.281	35.596	PASS
CA_n48B	30+30	20+15	CP-64QAM	M+M	Outer_Full	32.255	33.855	PASS
CA_n48B	30+30	20+15	CP-256QAM	M+M	Outer_Full	32.239	34.551	PASS
CA_n48B	30+30	20+20	DFT-BPSK	M+M	Outer_Full	37.681	39.350	PASS
CA_n48B	30+30	20+20	DFT-QPSK	M+M	Outer_Full	37.702	39.430	PASS
CA_n48B	30+30	20+20	DFT-16QAM	M+M	Outer_Full	37.681	39.270	PASS
CA_n48B	30+30	20+20	DFT-64QAM	M+M	Outer_Full	37.699	39.430	PASS

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CA_n48B	30+30	20+20	DFT-256QAM	M+M	Outer_Full	37.699	39.350	PASS
CA_n48B	30+30	20+20	CP-QPSK	M+M	Outer_Full	37.703	39.430	PASS
CA_n48B	30+30	20+20	CP-16QAM	M+M	Outer_Full	37.661	39.350	PASS
CA_n48B	30+30	20+20	CP-64QAM	M+M	Outer_Full	37.706	39.350	PASS
CA_n48B	30+30	20+20	CP-256QAM	M+M	Outer_Full	37.708	39.350	PASS

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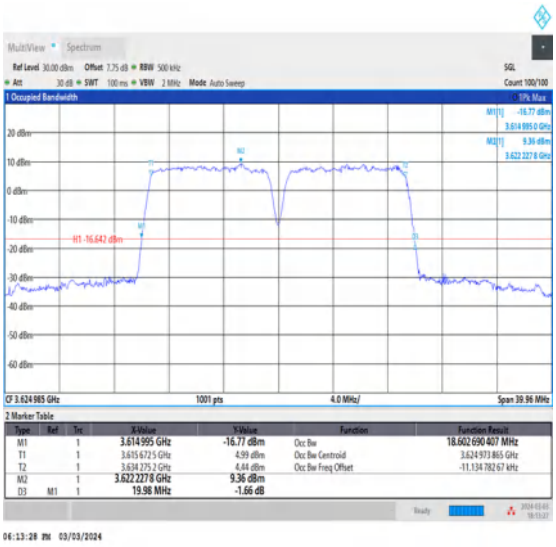
Test Graphs



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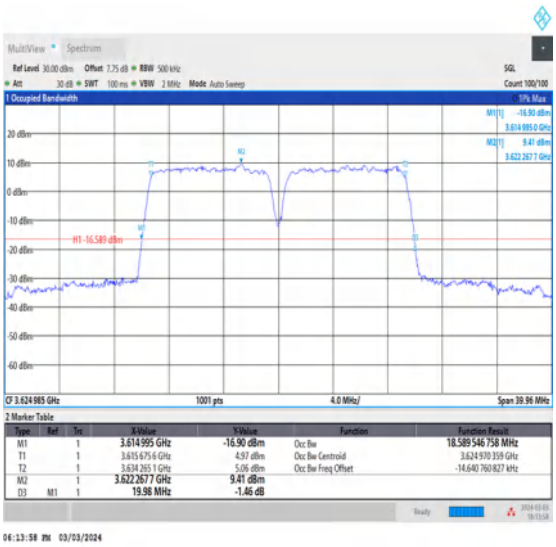

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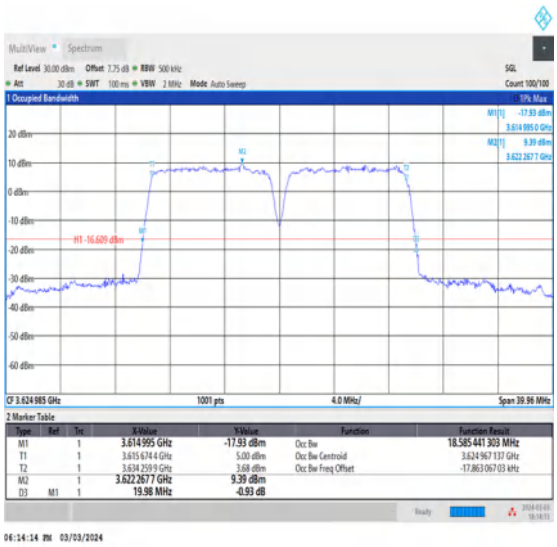

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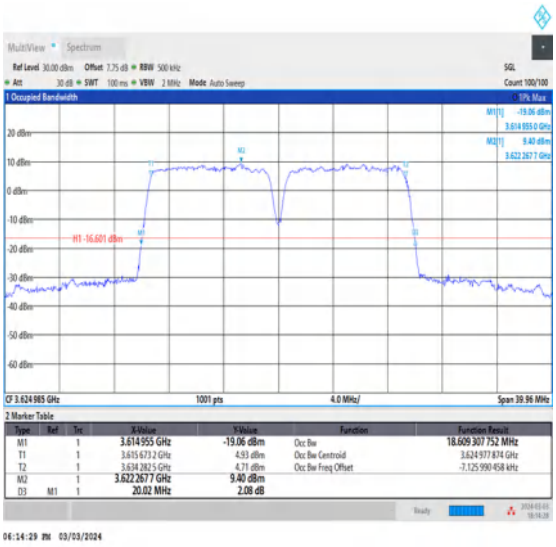

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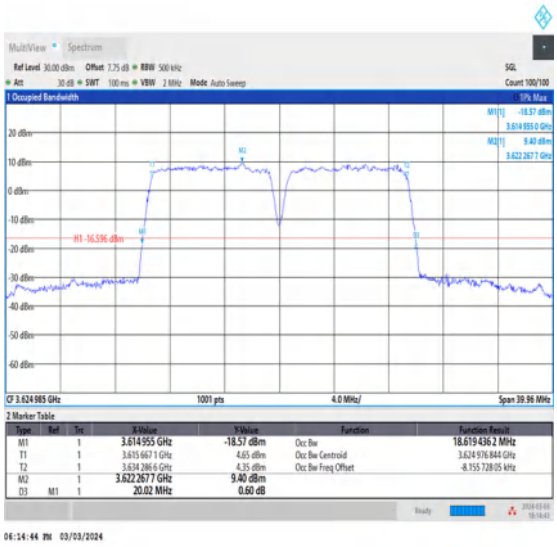

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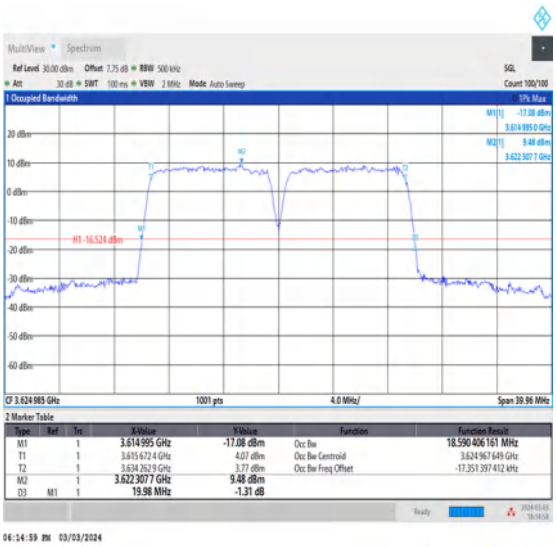

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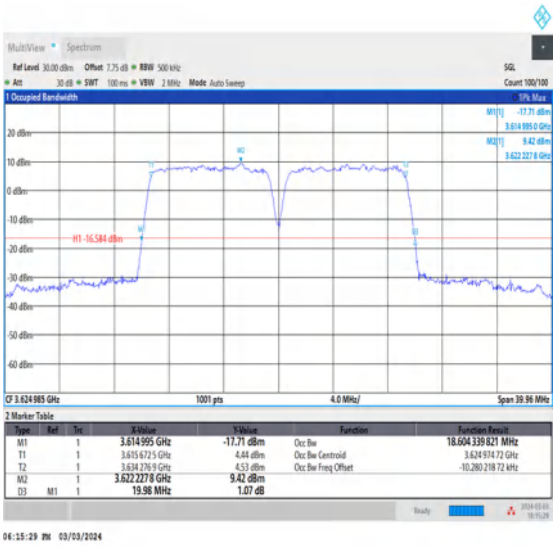

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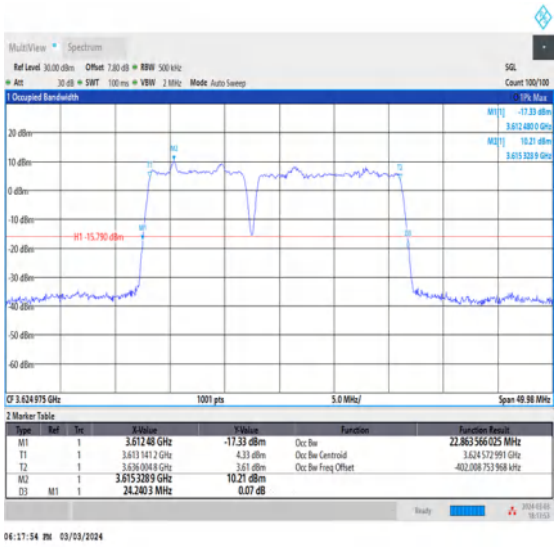

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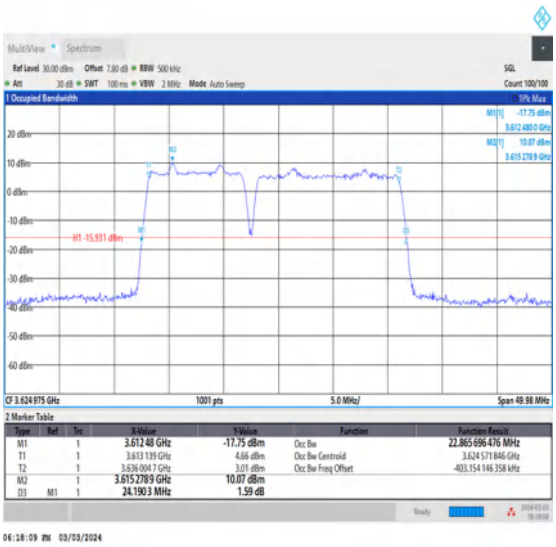

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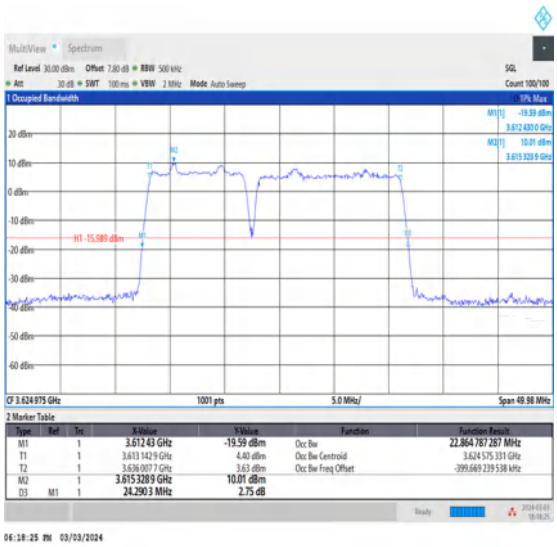

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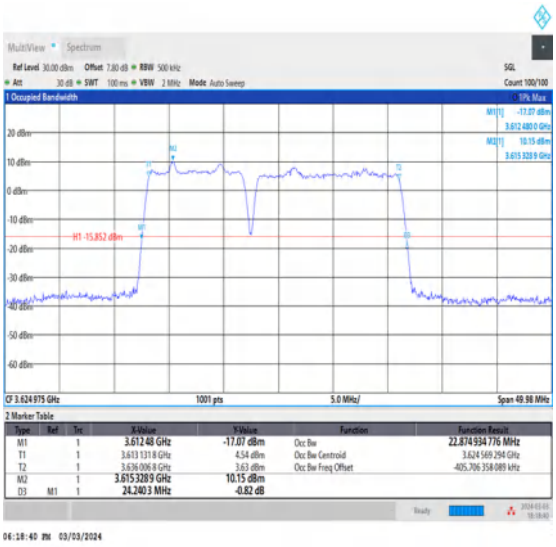

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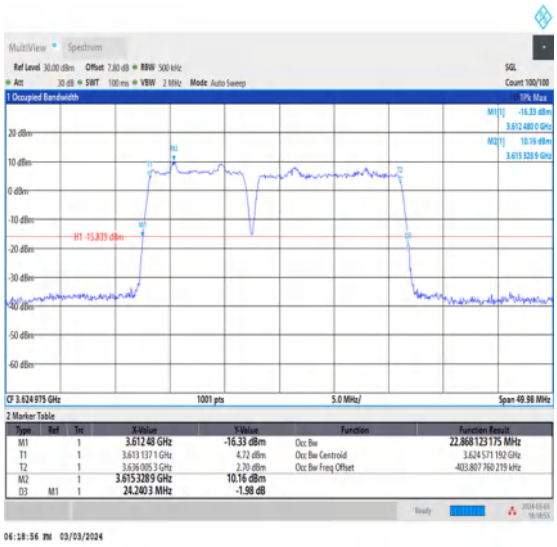

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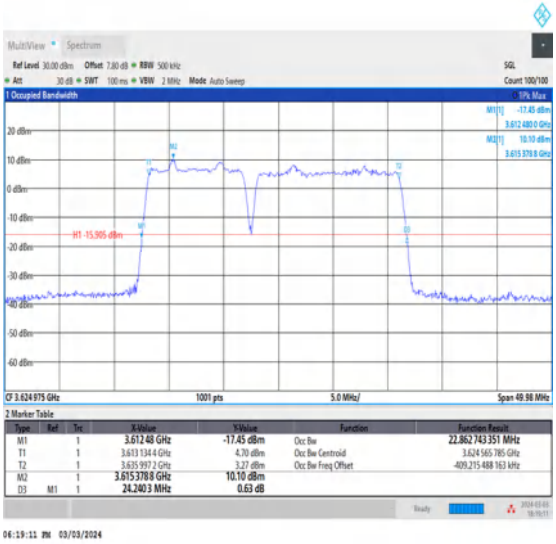

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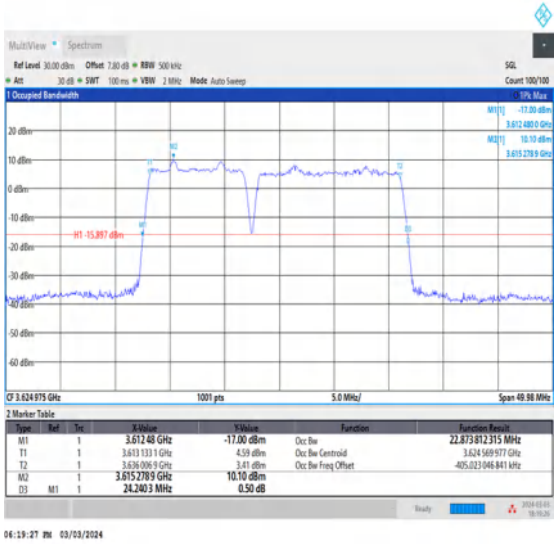

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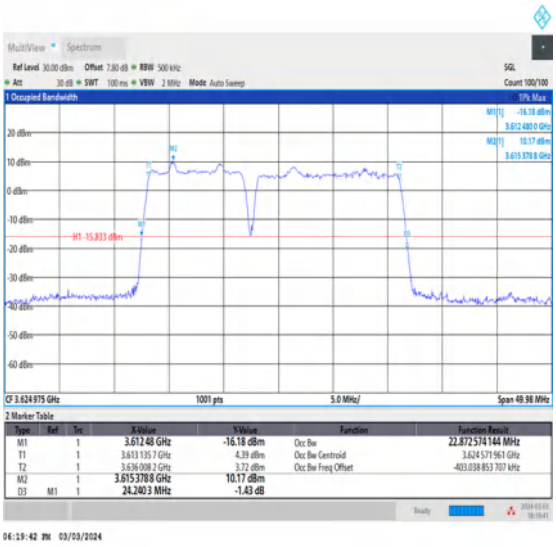

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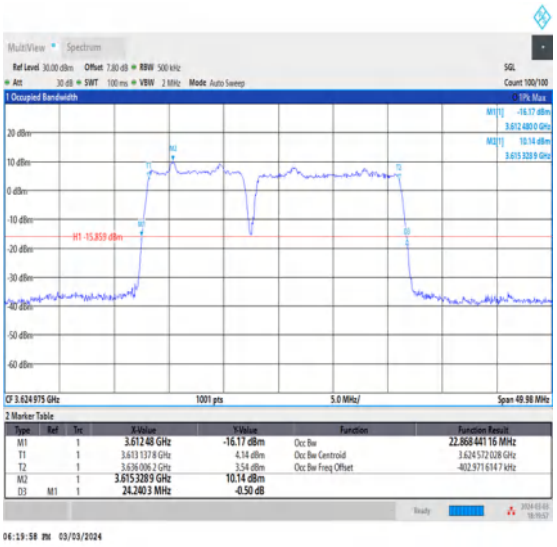

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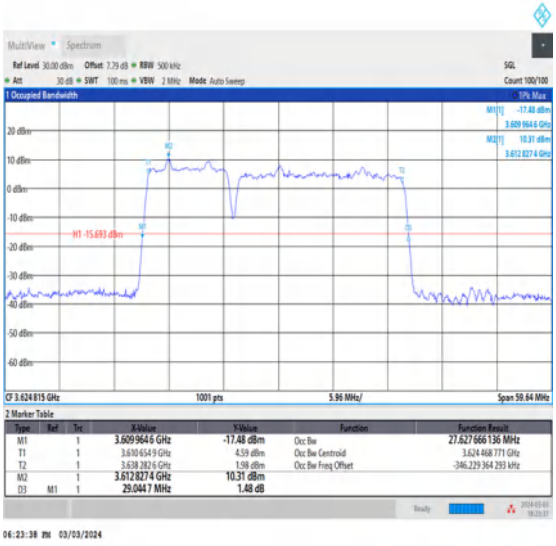

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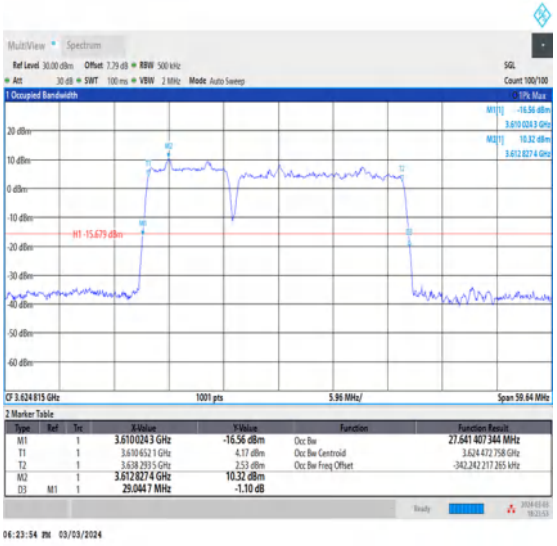

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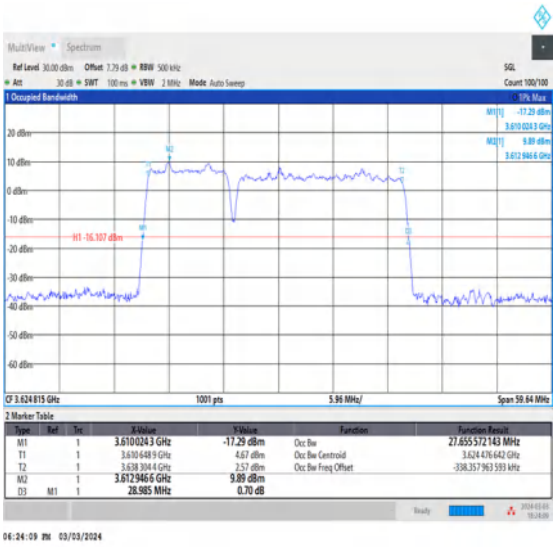

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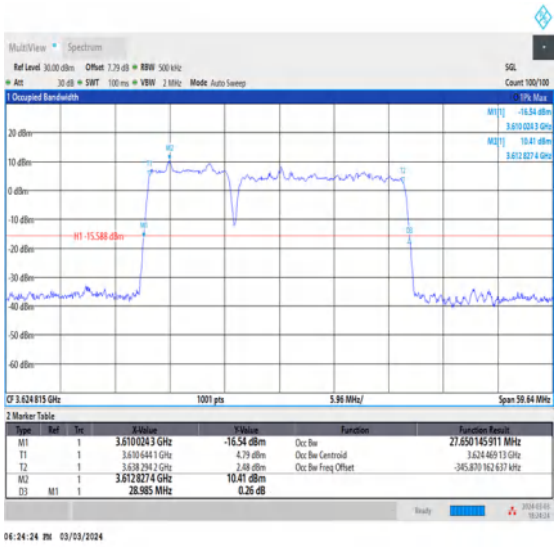

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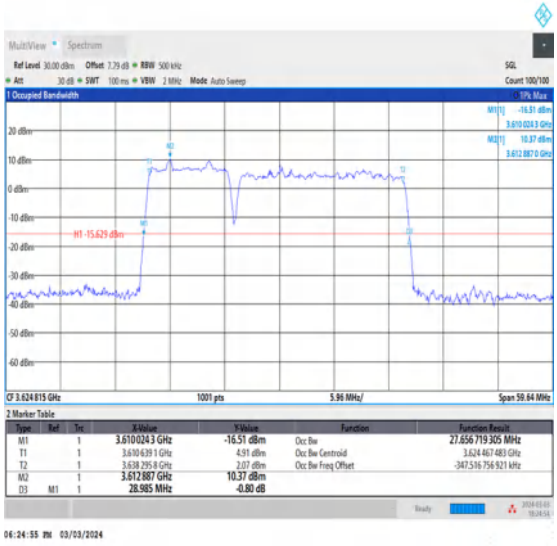

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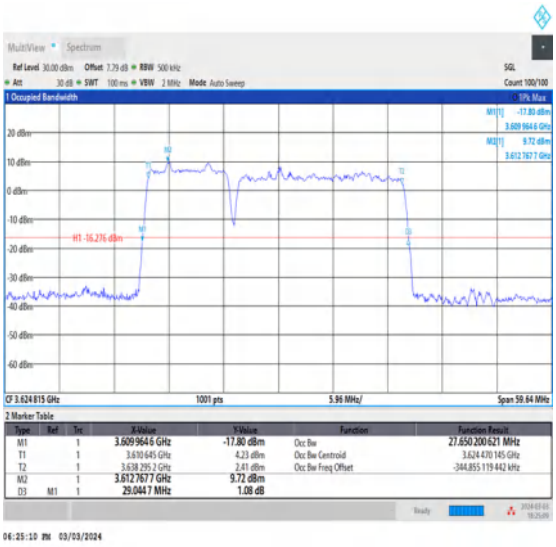

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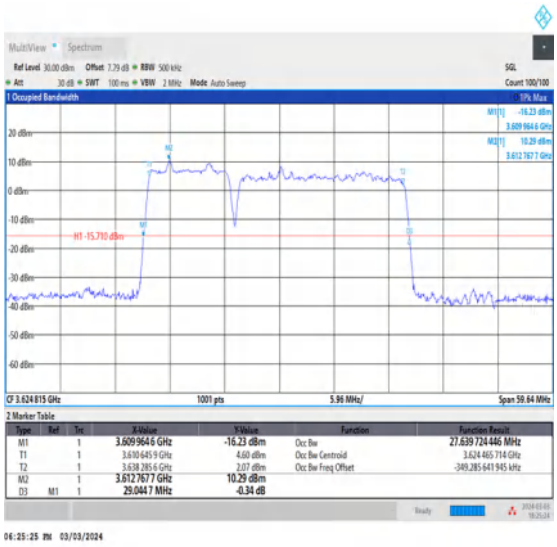

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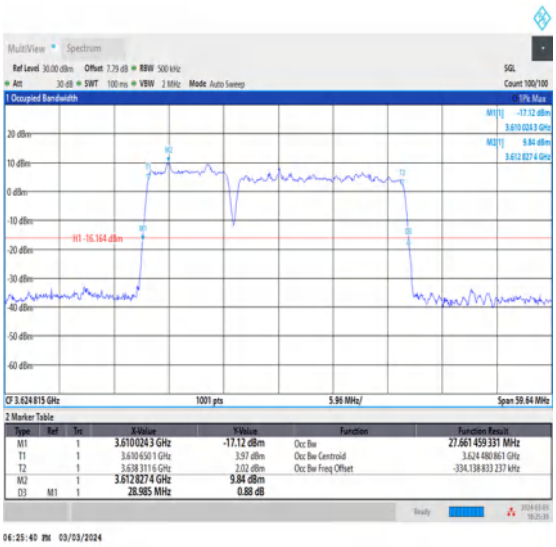

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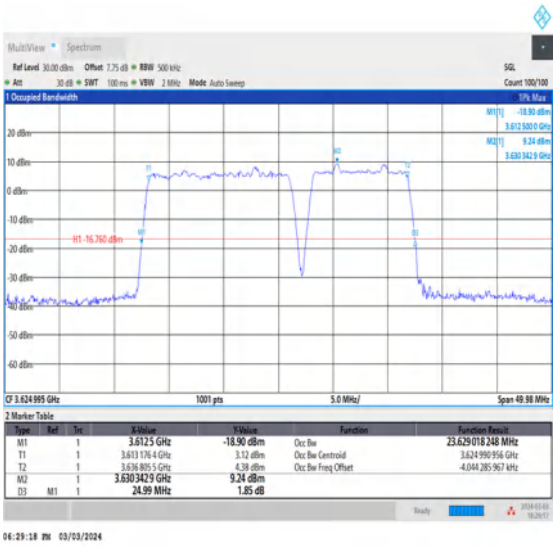

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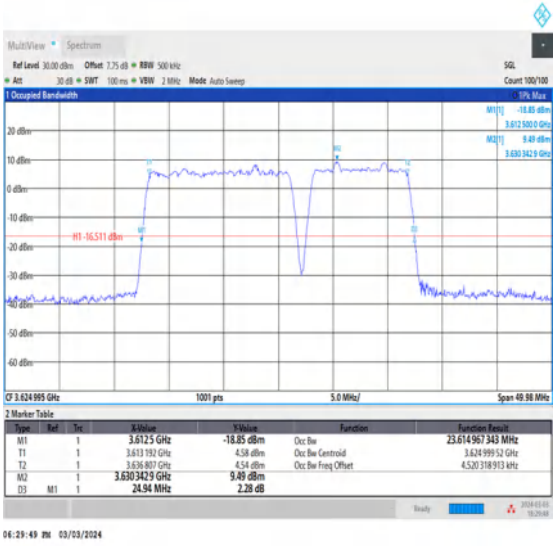

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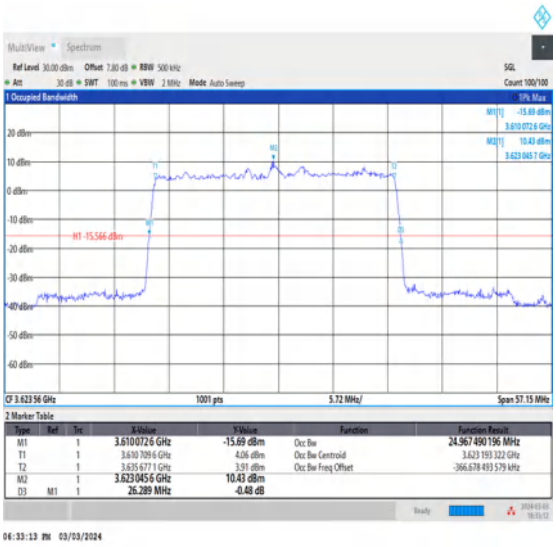

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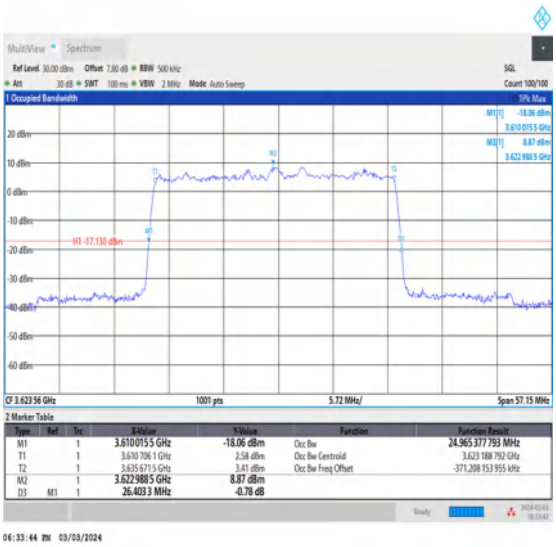

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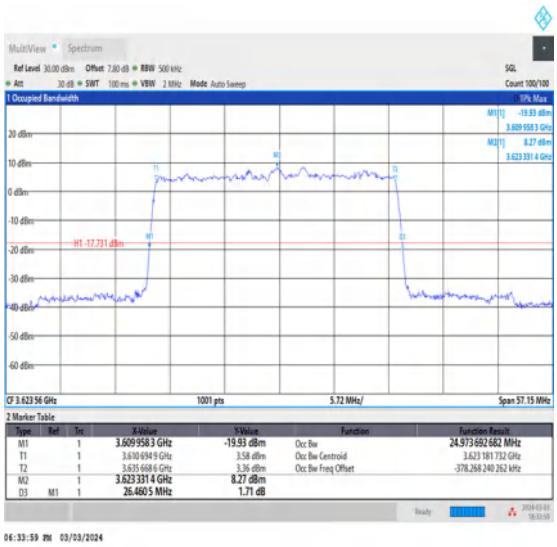

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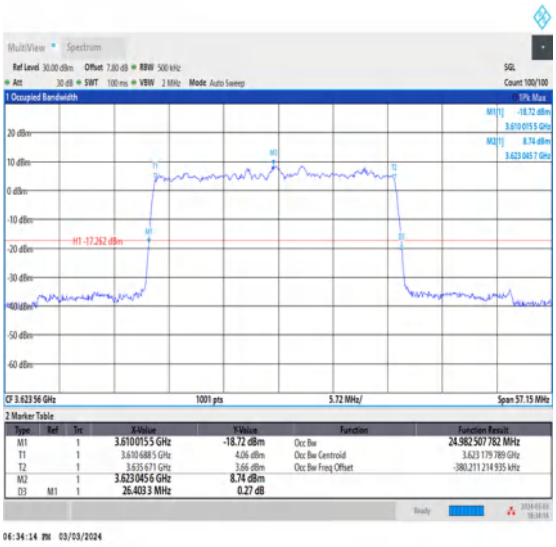

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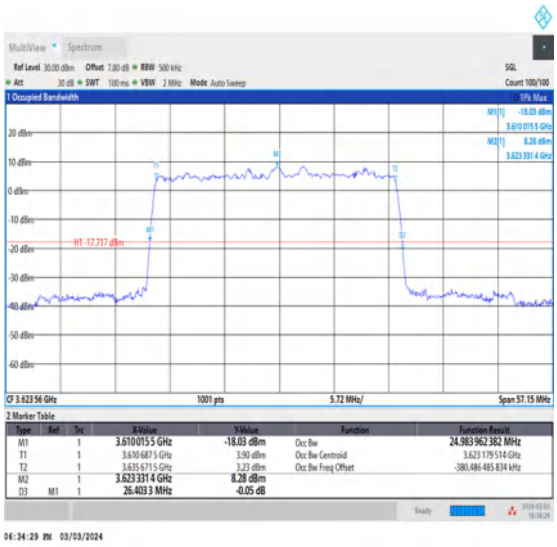

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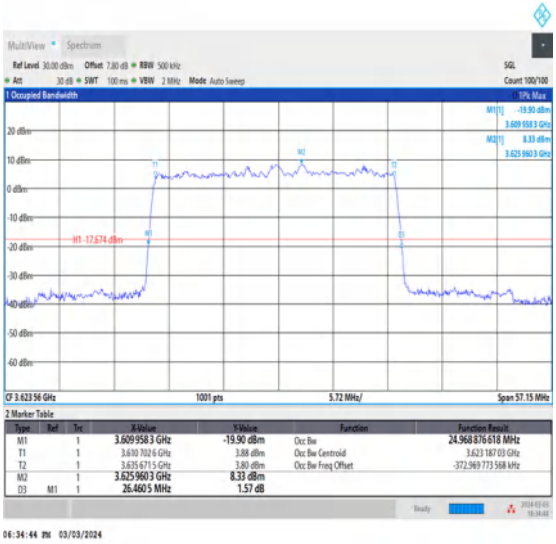

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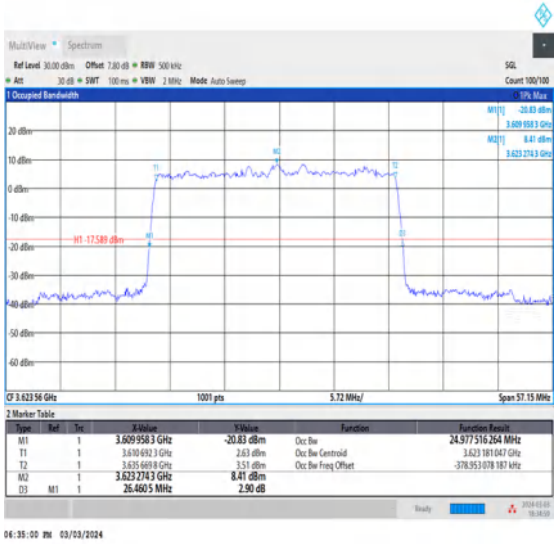

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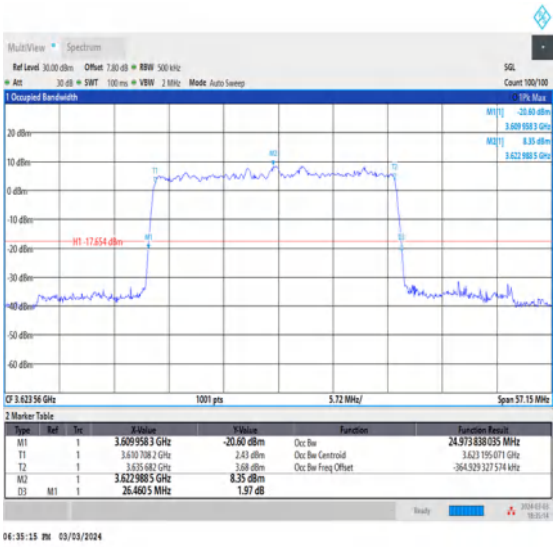

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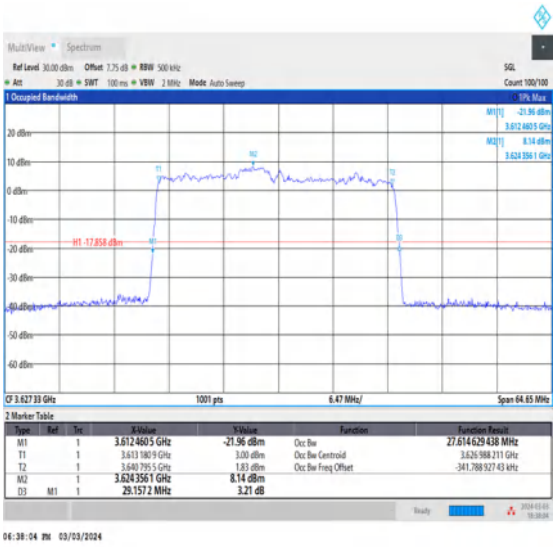

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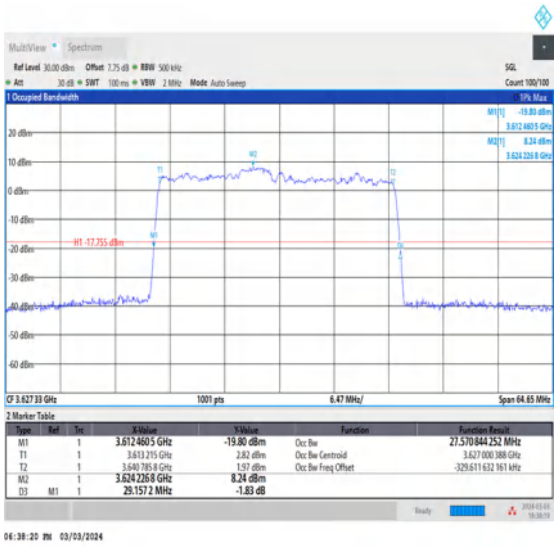

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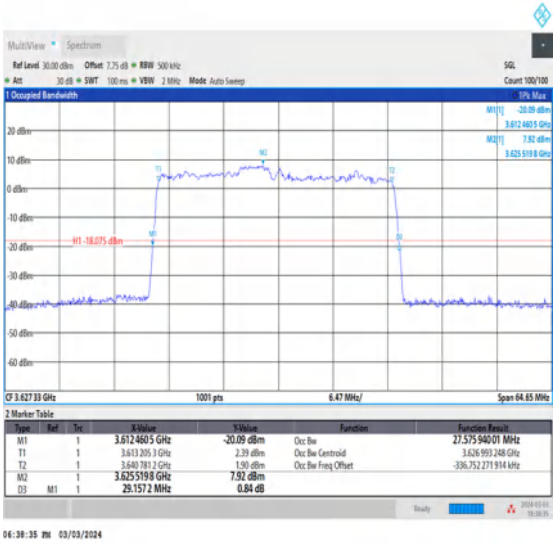

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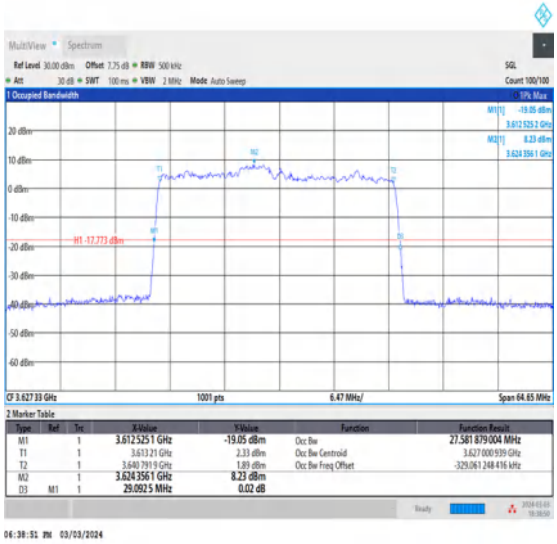

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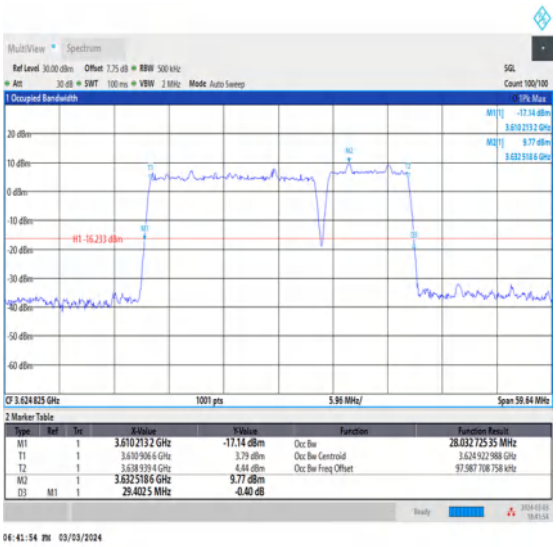

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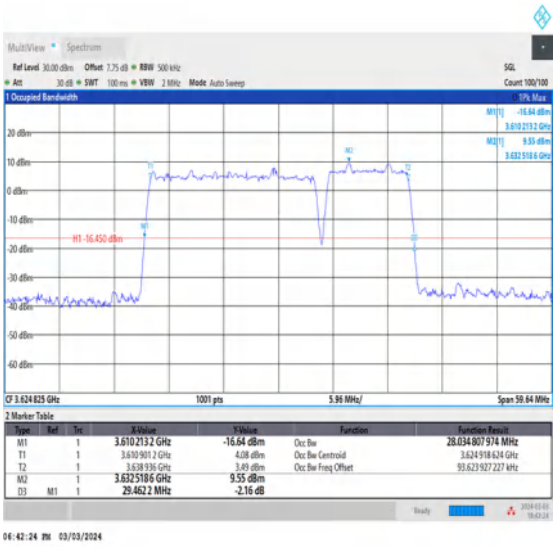

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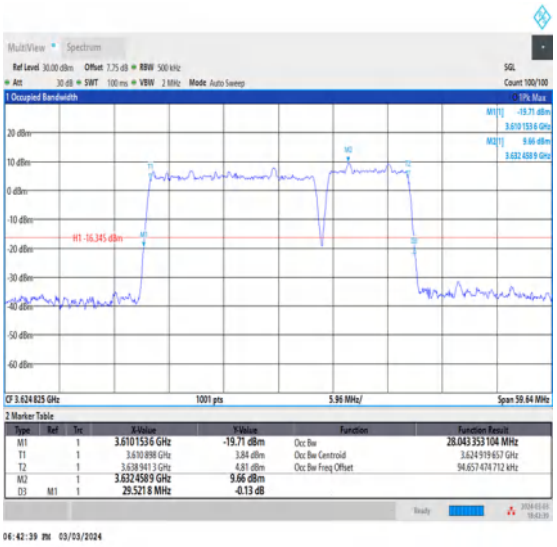

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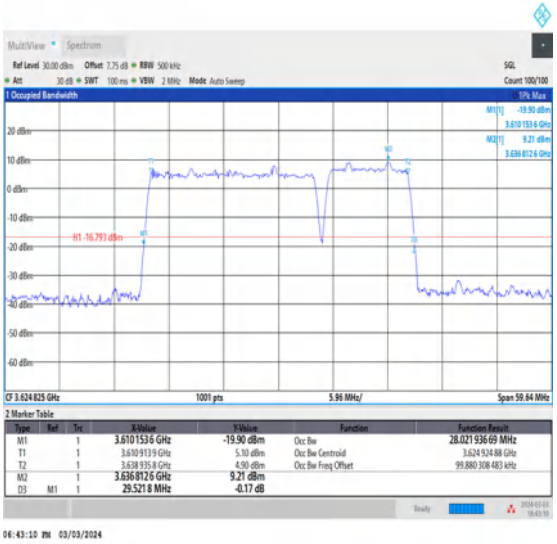

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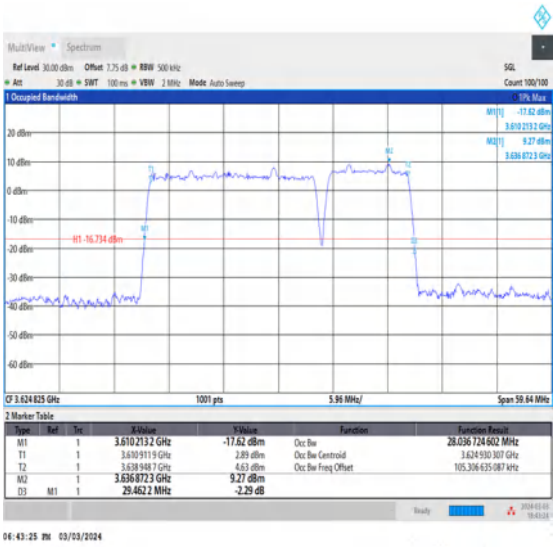

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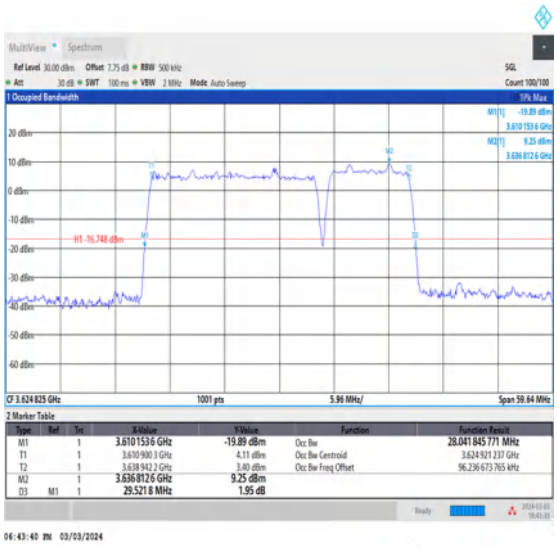

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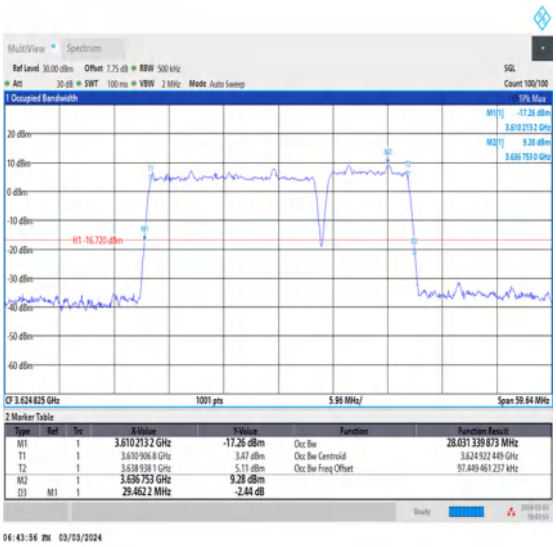

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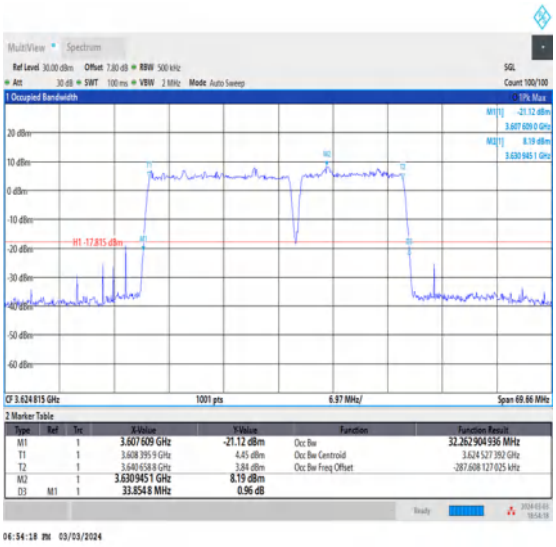

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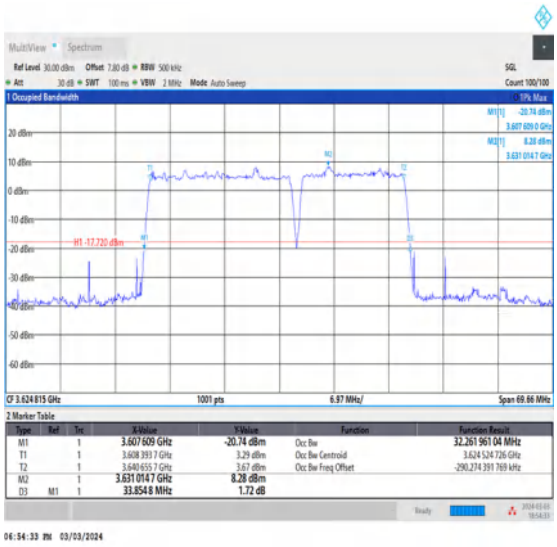

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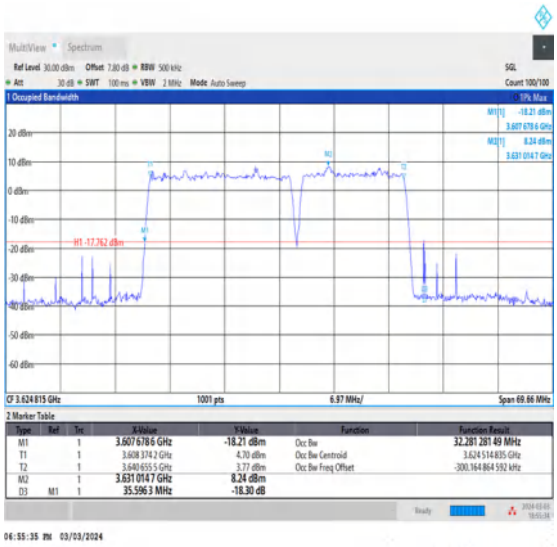

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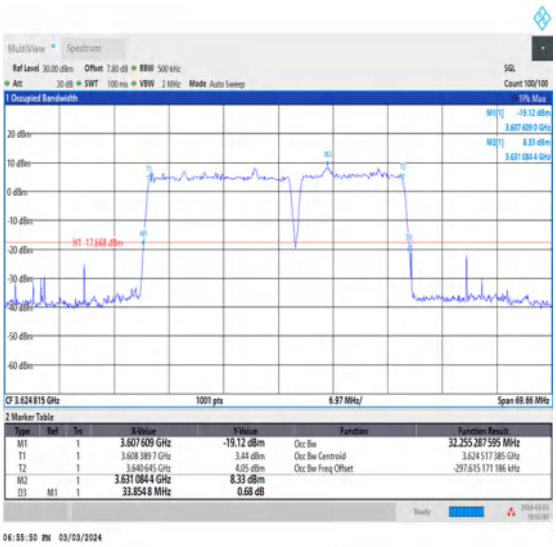

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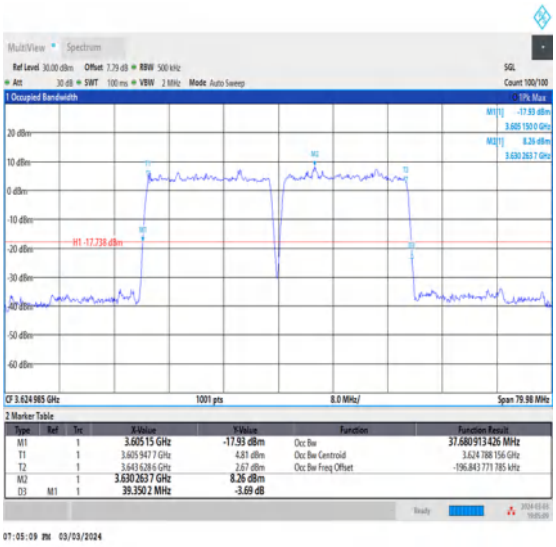

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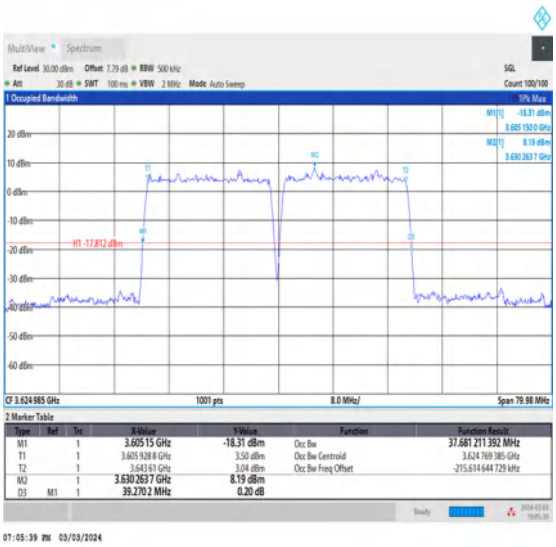

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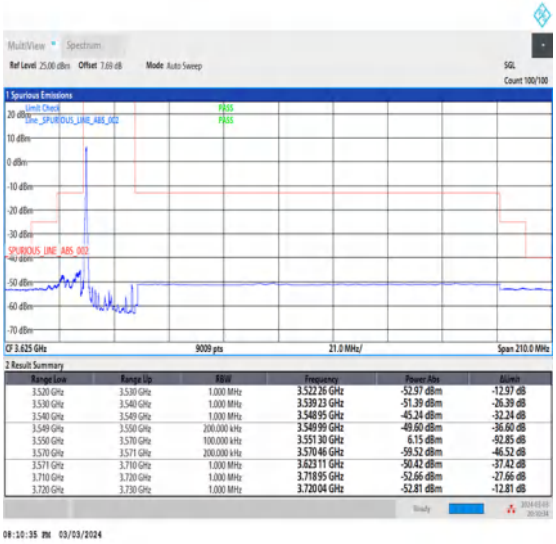

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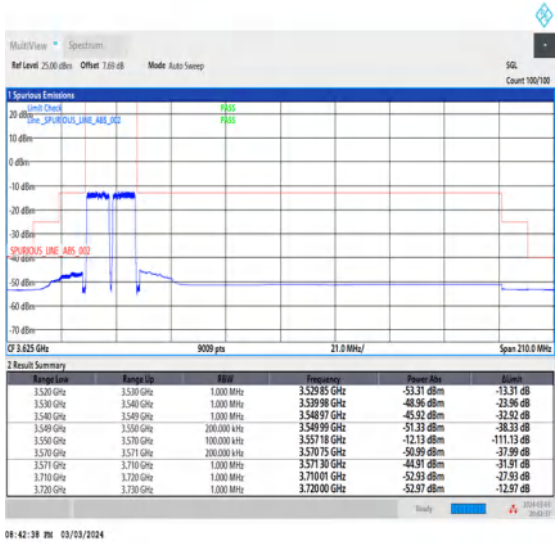

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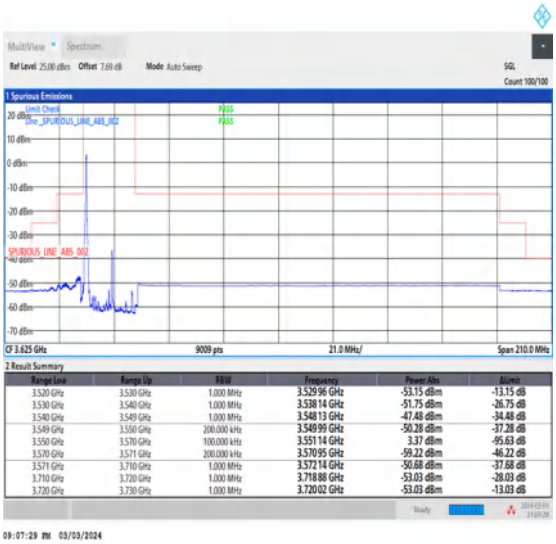

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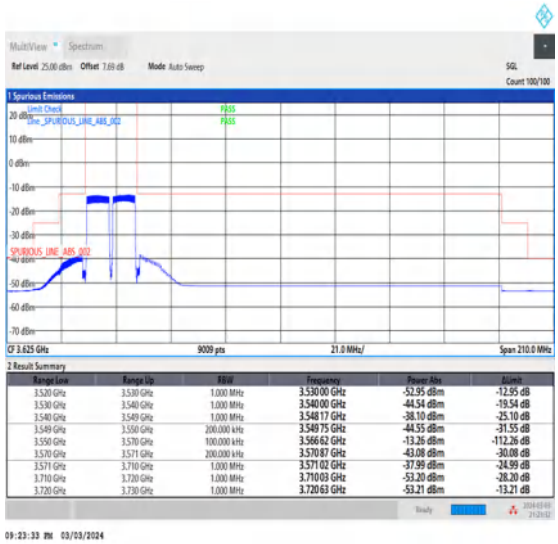

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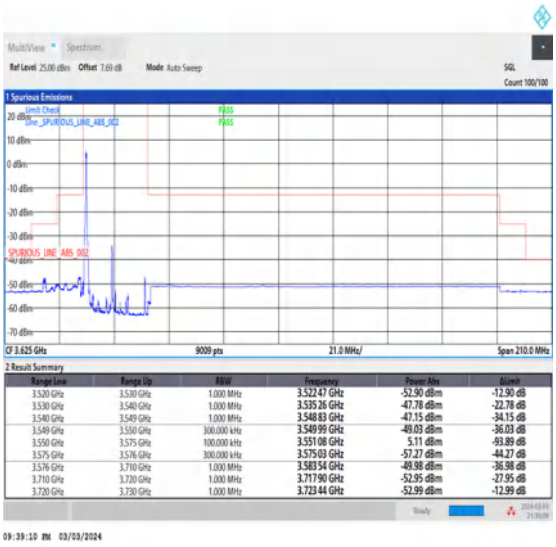

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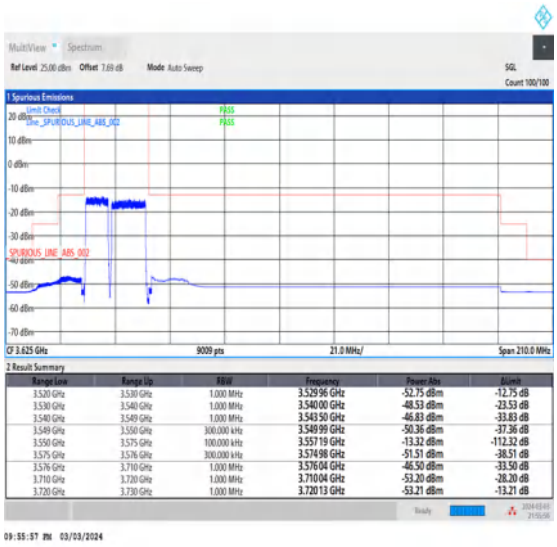

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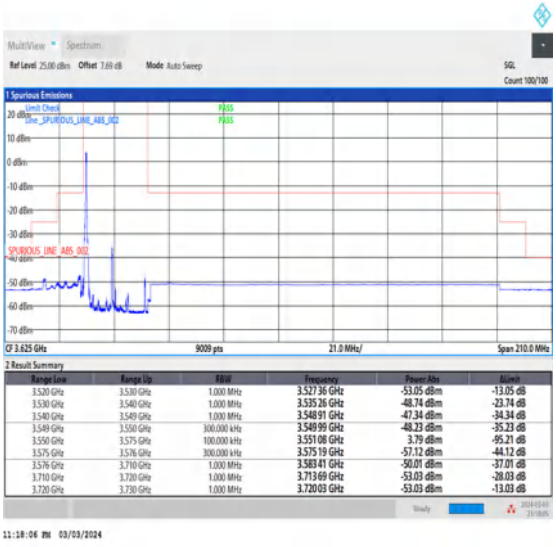

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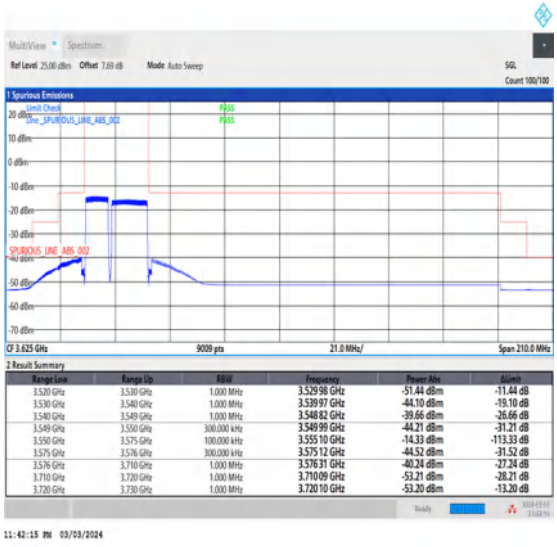

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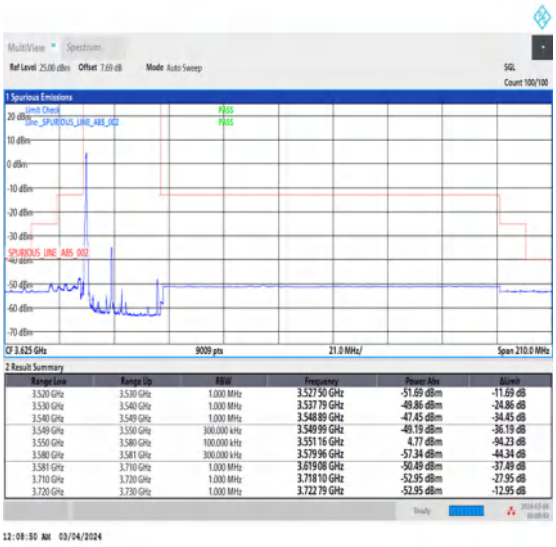

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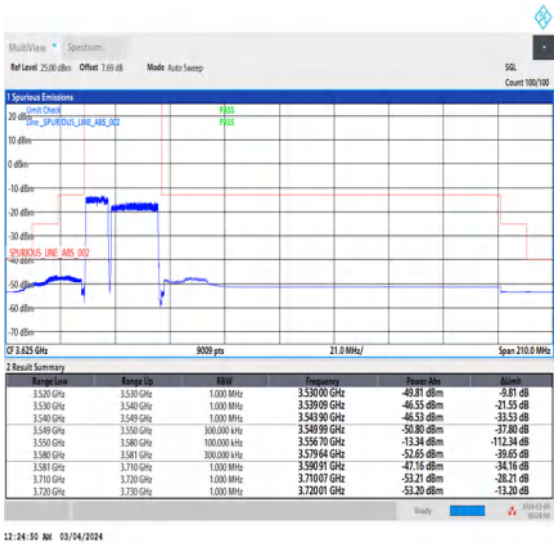

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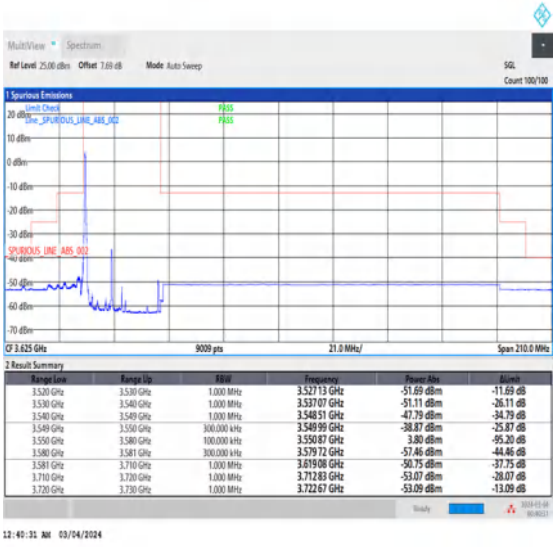

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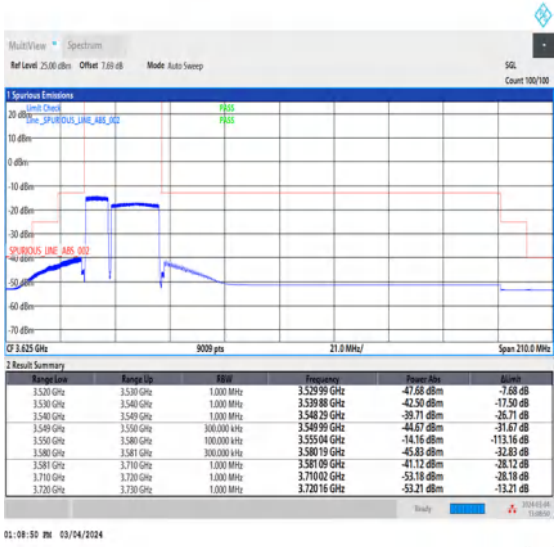

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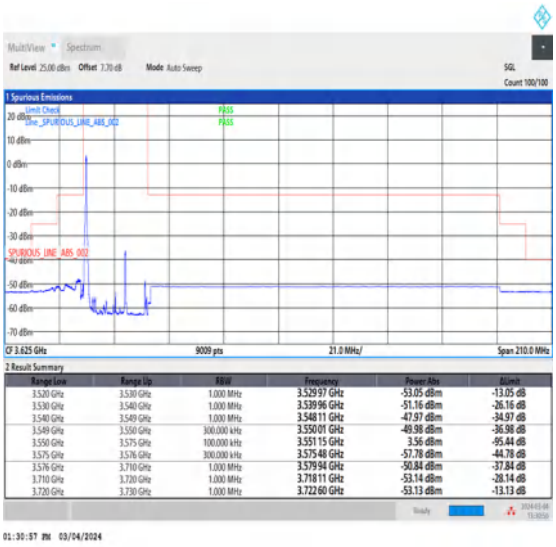

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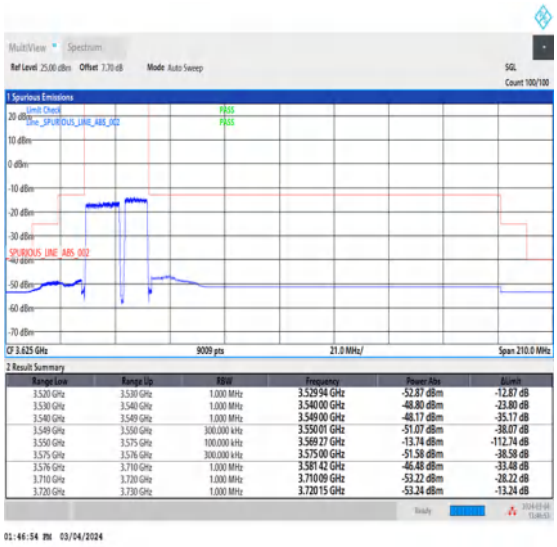

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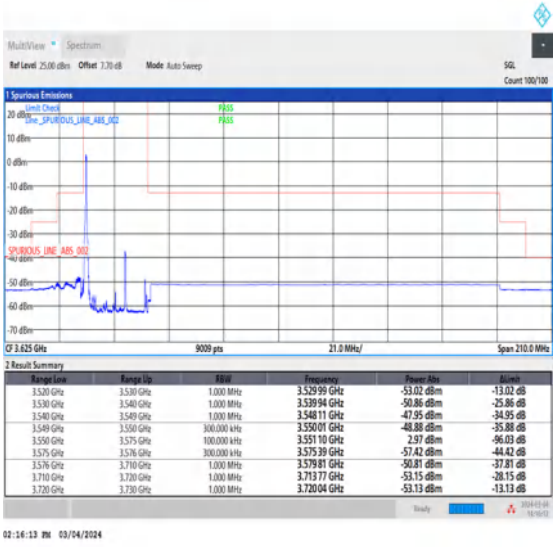

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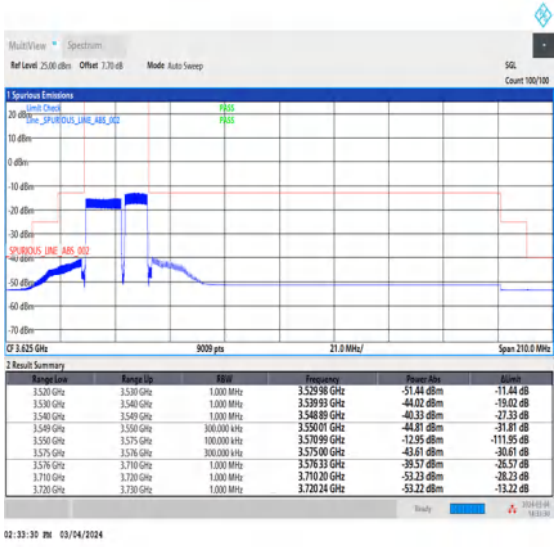

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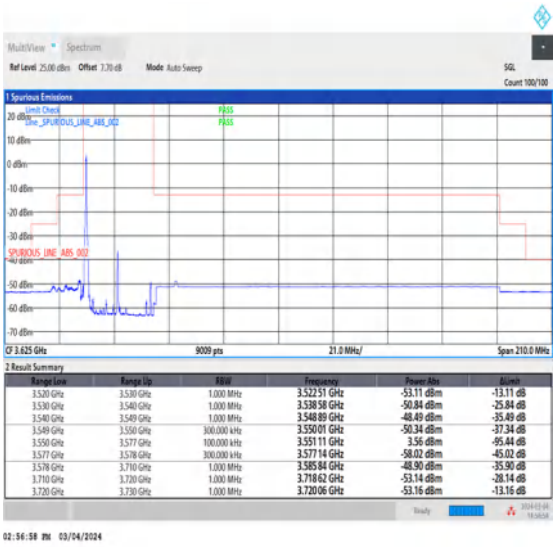

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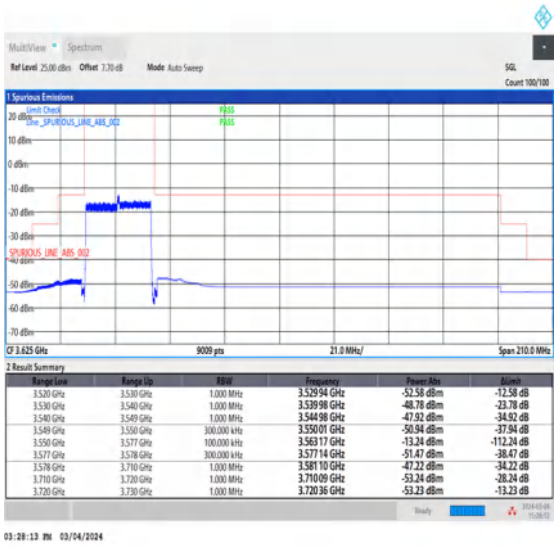

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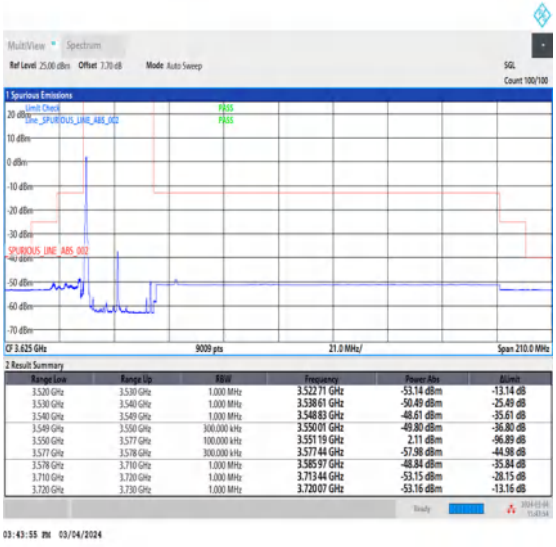

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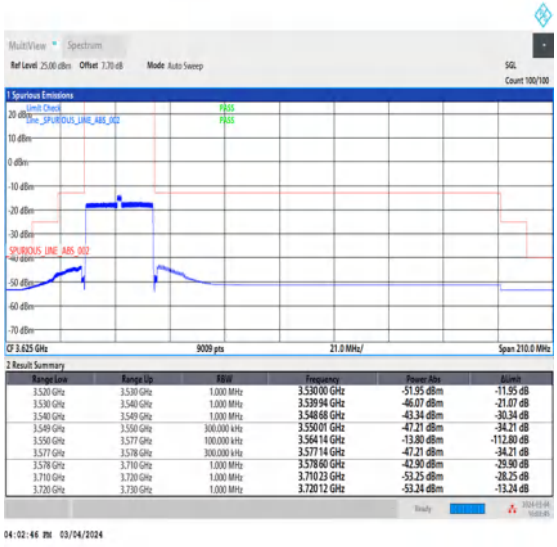

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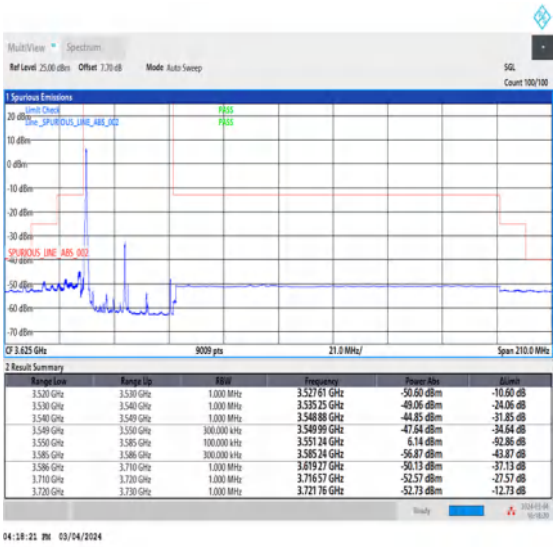

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.527 61 GHz	-50.60 dBm	-10.60 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.535 25 GHz	-49.06 dBm	-24.06 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 88 GHz	-44.85 dBm	-31.85 dB
3.549 GHz	3.550 GHz	300.000 kHz	3.549 99 GHz	-47.64 dBm	-34.64 dB
3.550 GHz	3.585 GHz	100.000 kHz	3.551 24 GHz	6.14 dBm	-92.86 dB
3.585 GHz	3.586 GHz	300.000 kHz	3.585 24 GHz	-56.87 dBm	-43.87 dB
3.586 GHz	3.710 GHz	1.000 MHz	3.619 27 GHz	-50.13 dBm	-37.13 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.716 57 GHz	-52.57 dBm	-27.57 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.721 76 GHz	-52.73 dBm	-12.73 dB

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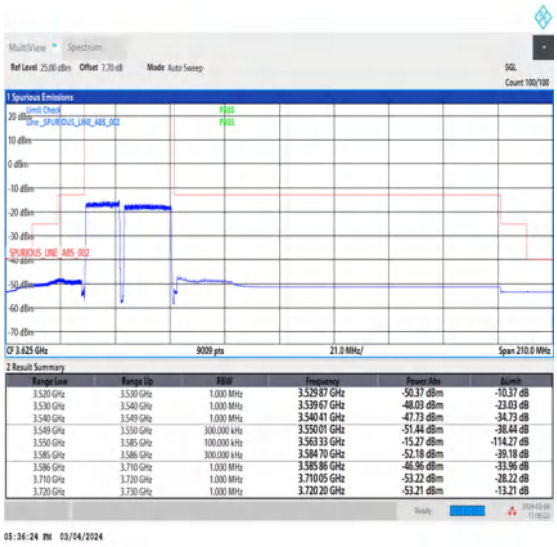

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.529 87 GHz	-50.37 dBm	-10.37 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 67 GHz	-48.03 dBm	-23.03 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.540 41 GHz	-47.73 dBm	-34.73 dB
3.549 GHz	3.550 GHz	300.000 kHz	3.550 01 GHz	-51.44 dBm	-38.44 dB
3.550 GHz	3.585 GHz	100.000 kHz	3.563 33 GHz	-15.27 dBm	-114.27 dB
3.585 GHz	3.586 GHz	300.000 kHz	3.584 70 GHz	-52.18 dBm	-39.18 dB
3.586 GHz	3.710 GHz	1.000 MHz	3.585 86 GHz	-46.96 dBm	-33.96 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-53.22 dBm	-28.22 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 20 GHz	-53.21 dBm	-13.21 dB

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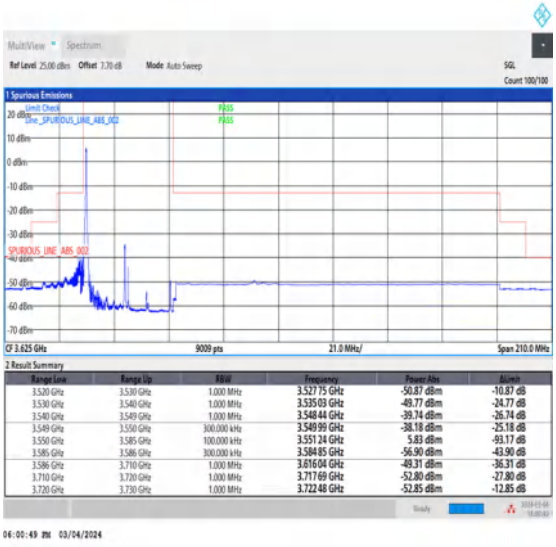

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.527 75 GHz	-50.87 dBm	-10.87 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.535 03 GHz	-49.77 dBm	-24.77 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 44 GHz	-39.74 dBm	-26.74 dB
3.549 GHz	3.550 GHz	300.000 kHz	3.549 99 GHz	-38.18 dBm	-25.18 dB
3.550 GHz	3.585 GHz	100.000 kHz	3.551 24 GHz	5.83 dBm	-93.17 dB
3.585 GHz	3.586 GHz	300.000 kHz	3.584 35 GHz	-56.90 dBm	-43.90 dB
3.586 GHz	3.710 GHz	1.000 MHz	3.616 04 GHz	-49.31 dBm	-36.31 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.717 69 GHz	-52.80 dBm	-27.80 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.722 48 GHz	-52.85 dBm	-12.85 dB

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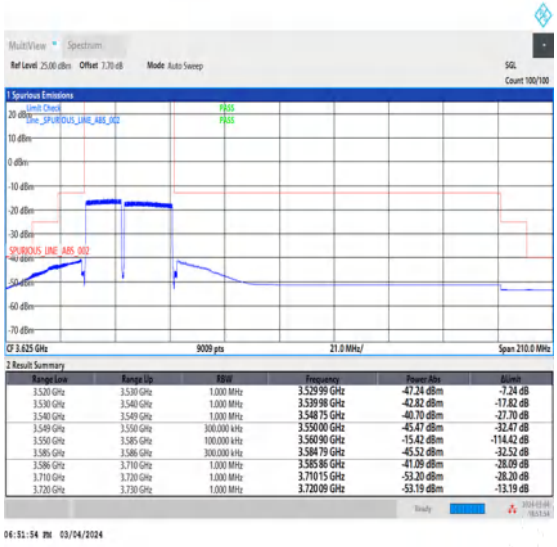

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
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3.530 GHz	3.540 GHz	1.000 MHz	3.539 98 GHz	-42.82 dBm	-17.82 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 75 GHz	-40.70 dBm	-27.70 dB
3.549 GHz	3.550 GHz	300.000 kHz	3.550 00 GHz	-45.47 dBm	-32.47 dB
3.550 GHz	3.585 GHz	100.000 kHz	3.560 90 GHz	-15.42 dBm	-114.42 dB
3.585 GHz	3.586 GHz	300.000 kHz	3.584 79 GHz	-45.52 dBm	-32.52 dB
3.586 GHz	3.710 GHz	1.000 MHz	3.585 86 GHz	-41.09 dBm	-28.09 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 15 GHz	-53.20 dBm	-28.20 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 09 GHz	-53.19 dBm	-13.19 dB

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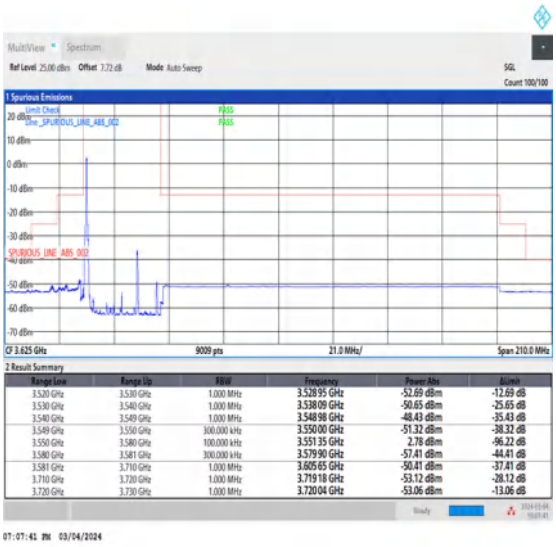

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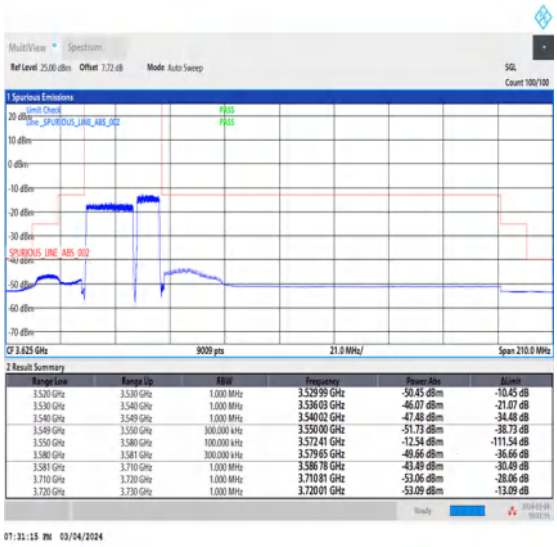

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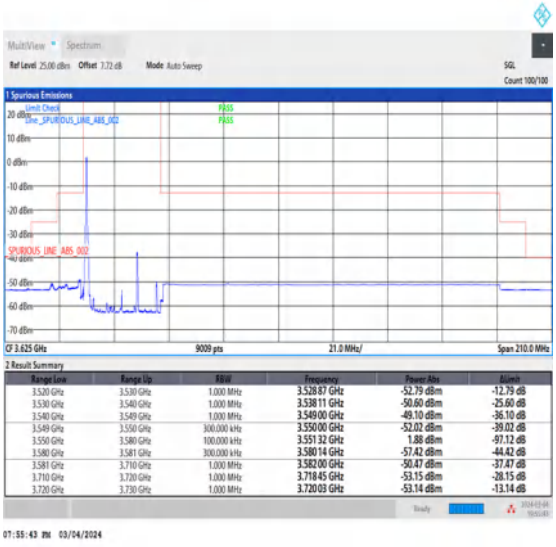

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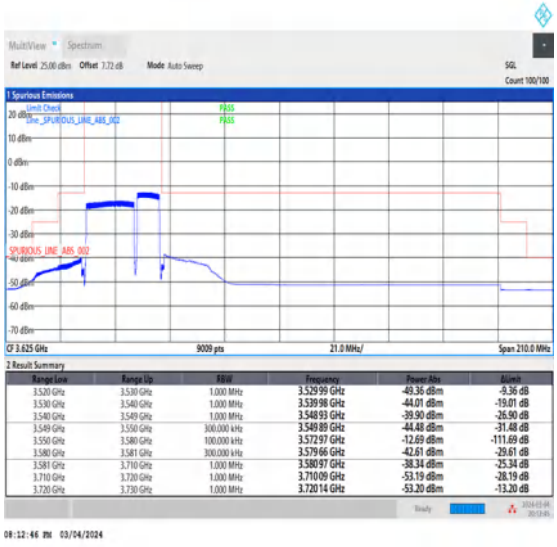

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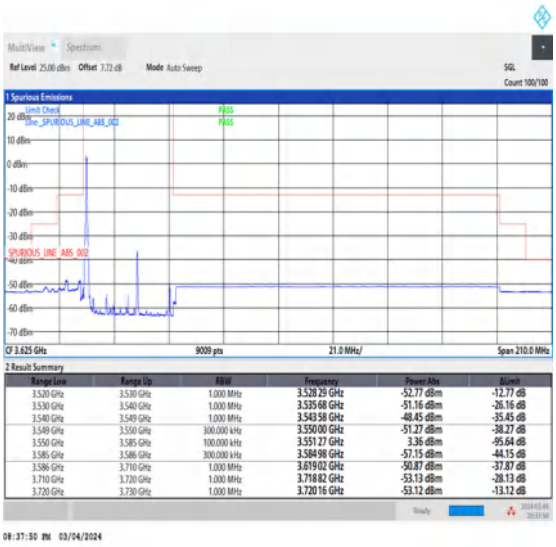

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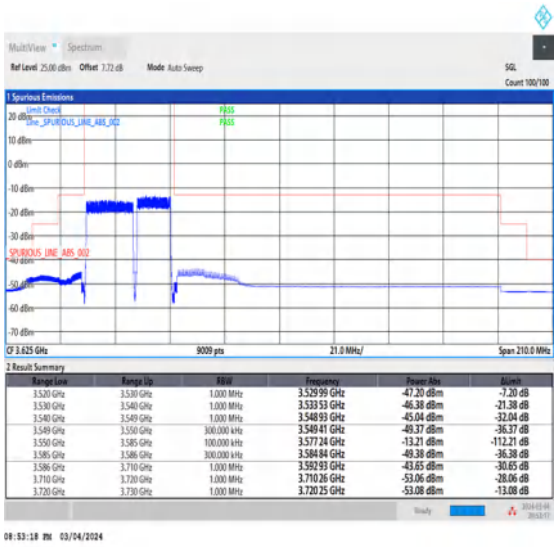

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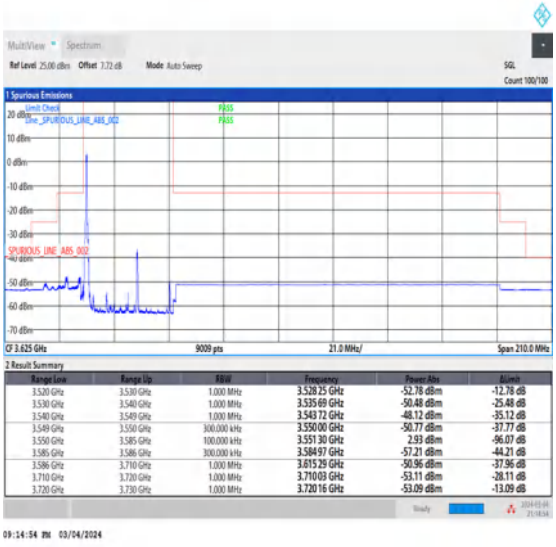

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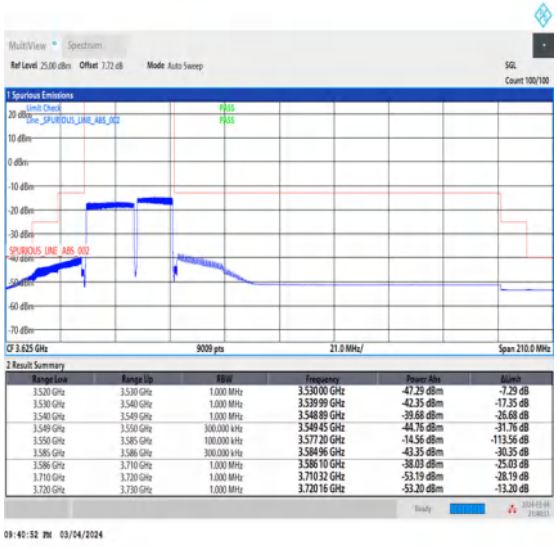

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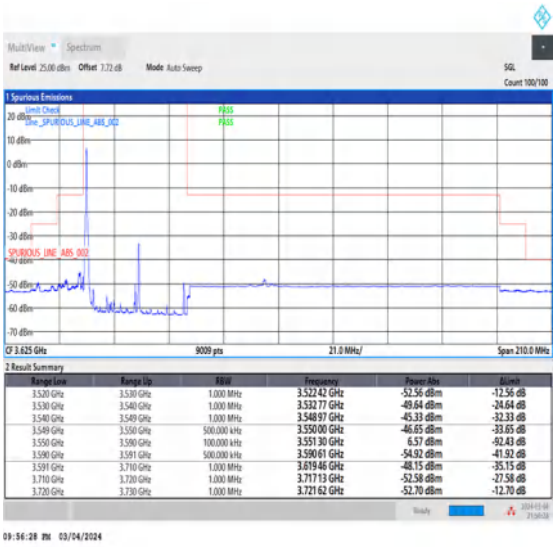
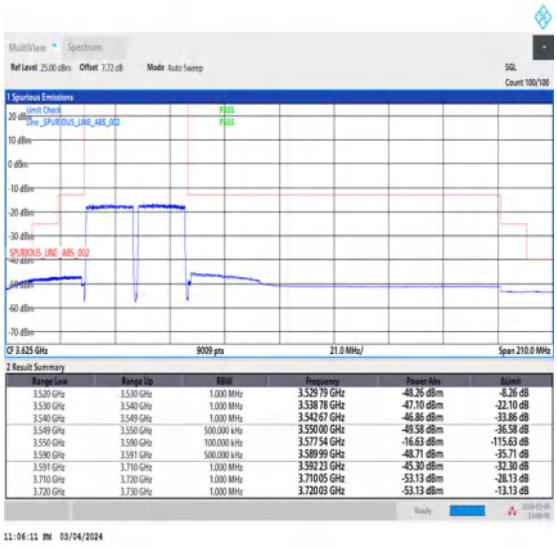


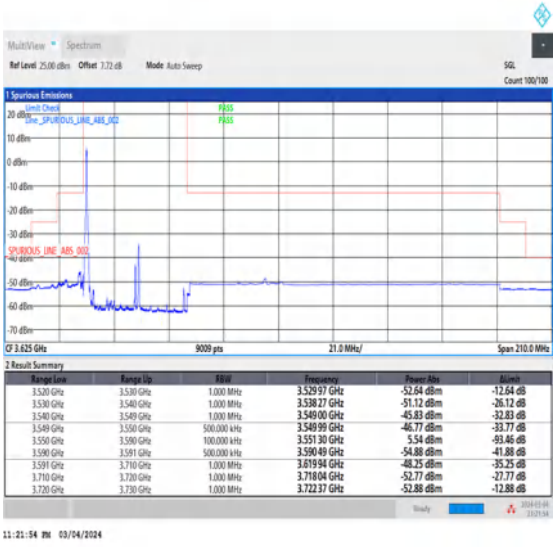
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.522 42 GHz	-52.56 dBm	-12.56 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.532 77 GHz	-49.64 dBm	-24.64 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 97 GHz	-45.33 dBm	-32.33 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.550 00 GHz	-46.65 dBm	-33.65 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.551 30 GHz	6.57 dBm	-92.43 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.590 61 GHz	-54.92 dBm	-41.92 dB
3.591 GHz	3.710 GHz	1.000 MHz	3.619 46 GHz	-48.15 dBm	-35.15 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.717 13 GHz	-52.58 dBm	-27.58 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.721 62 GHz	-52.70 dBm	-12.70 dB

NTNV_CA_n48B_PC3_30+30_20+20_L+L_TID1_1_#1



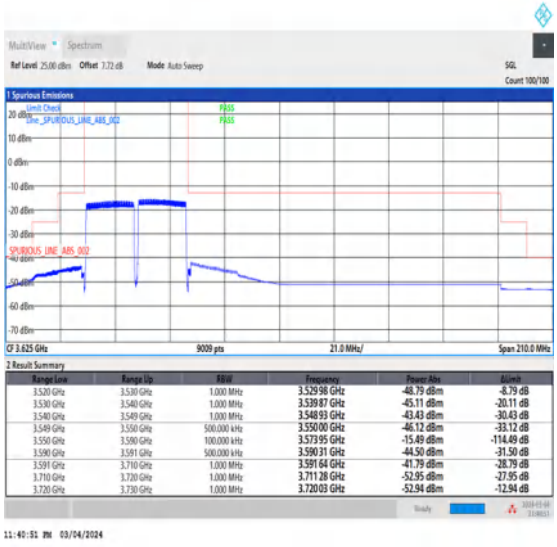
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.529 79 GHz	-48.26 dBm	-8.26 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.538 78 GHz	-47.10 dBm	-22.10 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.542 67 GHz	-46.86 dBm	-33.86 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.550 00 GHz	-49.58 dBm	-36.58 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.577 54 GHz	-16.63 dBm	-115.63 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.589 99 GHz	-48.71 dBm	-35.71 dB
3.591 GHz	3.710 GHz	1.000 MHz	3.592 23 GHz	-45.30 dBm	-32.30 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-53.13 dBm	-28.13 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 03 GHz	-53.13 dBm	-13.13 dB

NTNV_CA_n48B_PC3_30+30_20+20_L+L_TID3_1_#1



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.529 97 GHz	-52.64 dBm	-12.64 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.538 27 GHz	-51.12 dBm	-26.12 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.549 00 GHz	-45.83 dBm	-32.83 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.549 99 GHz	-46.77 dBm	-33.77 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.551 30 GHz	5.54 dBm	-93.46 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.590 49 GHz	-54.88 dBm	-41.88 dB
3.591 GHz	3.710 GHz	1.000 MHz	3.619 94 GHz	-48.25 dBm	-35.25 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.718 04 GHz	-52.77 dBm	-27.77 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.722 37 GHz	-52.88 dBm	-12.88 dB

NTNV_CA_n48B_PC3_30+30_20+20_L+L_TID4_1_#1



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.529 98 GHz	-48.79 dBm	-8.79 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 87 GHz	-45.11 dBm	-20.11 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 93 GHz	-43.43 dBm	-30.43 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.550 00 GHz	-46.12 dBm	-33.12 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.573 95 GHz	-15.49 dBm	-114.49 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.590 31 GHz	-44.50 dBm	-31.50 dB
3.591 GHz	3.710 GHz	1.000 MHz	3.591 64 GHz	-41.79 dBm	-28.79 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.711 28 GHz	-52.95 dBm	-27.95 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 03 GHz	-52.94 dBm	-12.94 dB

NTNV_CA_n48B_PC3_30+30_20+20_L+L_TID6_1_#1

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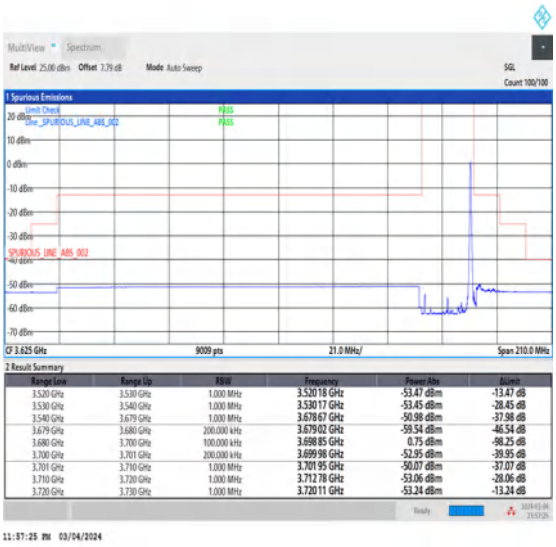
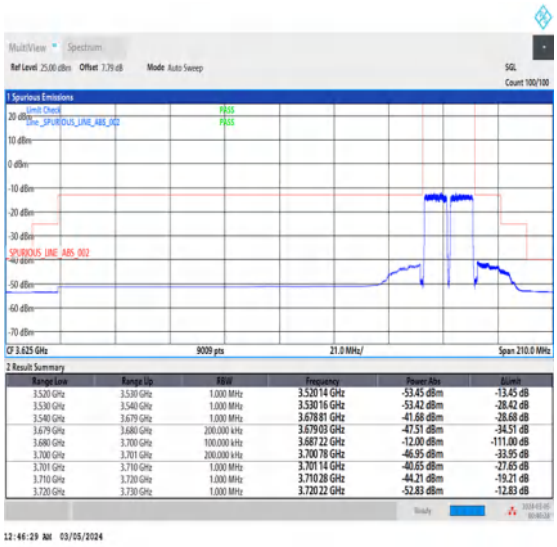


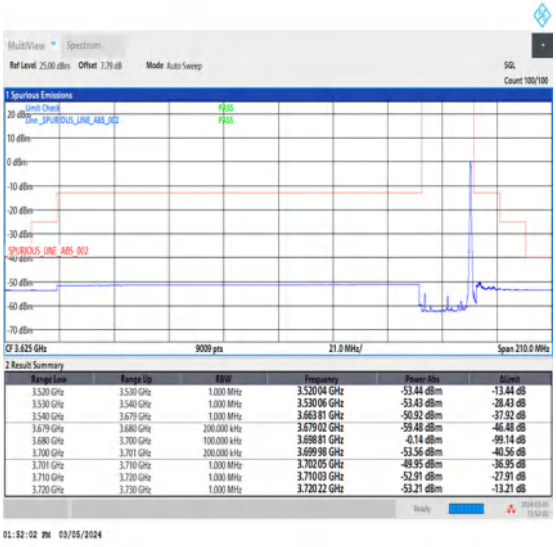
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.520 18 GHz	-53.47 dBm	-13.47 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 17 GHz	-53.45 dBm	-28.45 dB
3.540 GHz	3.679 GHz	1.000 MHz	3.678 67 GHz	-50.98 dBm	-37.98 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.679 02 GHz	-59.54 dBm	-46.54 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.698 85 GHz	0.75 dBm	-98.25 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.699 98 GHz	-52.95 dBm	-39.95 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 95 GHz	-50.07 dBm	-37.07 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.712 78 GHz	-53.06 dBm	-28.06 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 11 GHz	-53.24 dBm	-13.24 dB

NTNV_CA_n48B_PC3_30+30_10+10_H+H_TID2_1_#1



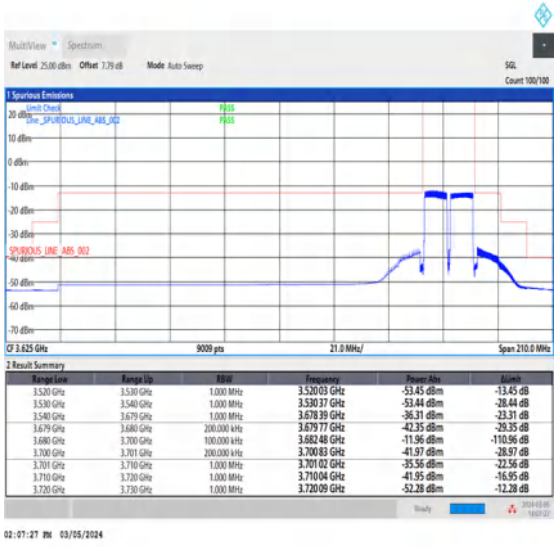
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.520 14 GHz	-53.45 dBm	-13.45 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 16 GHz	-53.42 dBm	-28.42 dB
3.540 GHz	3.679 GHz	1.000 MHz	3.678 81 GHz	-41.68 dBm	-28.68 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.679 03 GHz	-47.51 dBm	-34.51 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.687 22 GHz	-12.00 dBm	-111.00 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 78 GHz	-46.95 dBm	-33.95 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 14 GHz	-40.65 dBm	-27.65 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 28 GHz	-44.21 dBm	-19.21 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 22 GHz	-52.83 dBm	-12.83 dB

NTNV_CA_n48B_PC3_30+30_10+10_H+H_TID3_1_#1



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.520 04 GHz	-53.44 dBm	-13.44 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 06 GHz	-53.43 dBm	-28.43 dB
3.540 GHz	3.679 GHz	1.000 MHz	3.663 81 GHz	-50.92 dBm	-37.92 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.679 02 GHz	-59.48 dBm	-46.48 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.698 81 GHz	-0.14 dBm	-99.14 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.699 98 GHz	-53.56 dBm	-40.56 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.702 05 GHz	-49.95 dBm	-36.95 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 03 GHz	-52.91 dBm	-27.91 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 22 GHz	-53.21 dBm	-13.21 dB

NTNV_CA_n48B_PC3_30+30_10+10_H+H_TID5_1_#1



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.520 03 GHz	-53.45 dBm	-13.45 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 37 GHz	-53.44 dBm	-28.44 dB
3.540 GHz	3.679 GHz	1.000 MHz	3.678 39 GHz	-36.31 dBm	-23.31 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.679 77 GHz	-42.35 dBm	-29.35 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.682 48 GHz	-11.96 dBm	-110.96 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 83 GHz	-41.97 dBm	-28.97 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 02 GHz	-35.56 dBm	-22.56 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 04 GHz	-41.95 dBm	-16.95 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 09 GHz	-52.28 dBm	-12.28 dB

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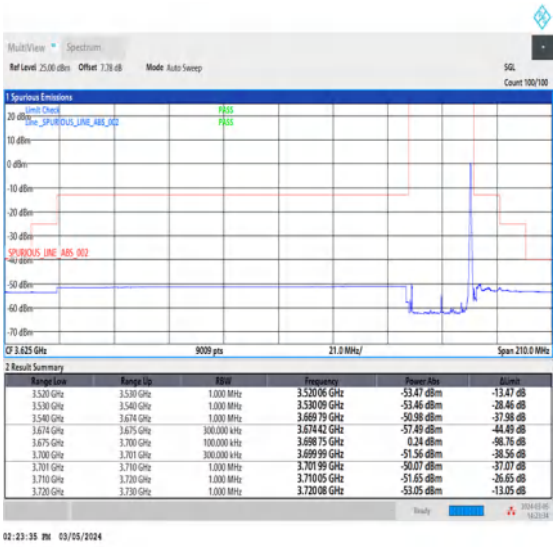

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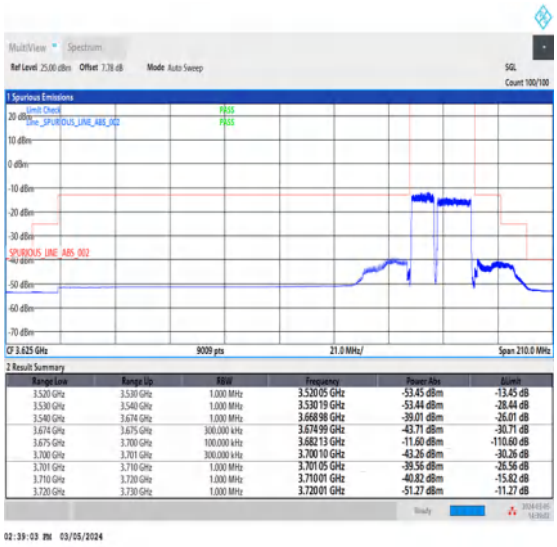

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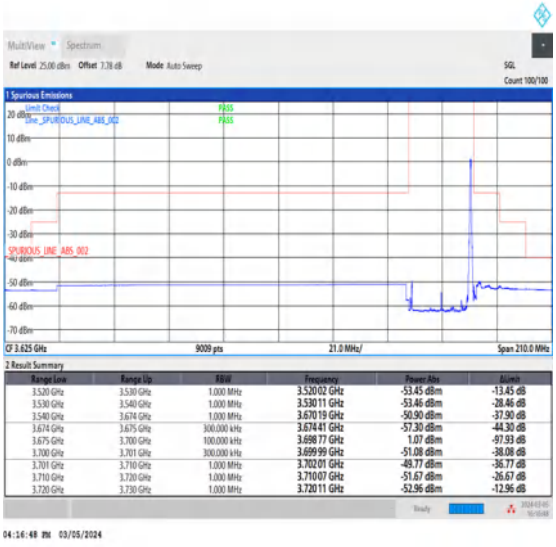

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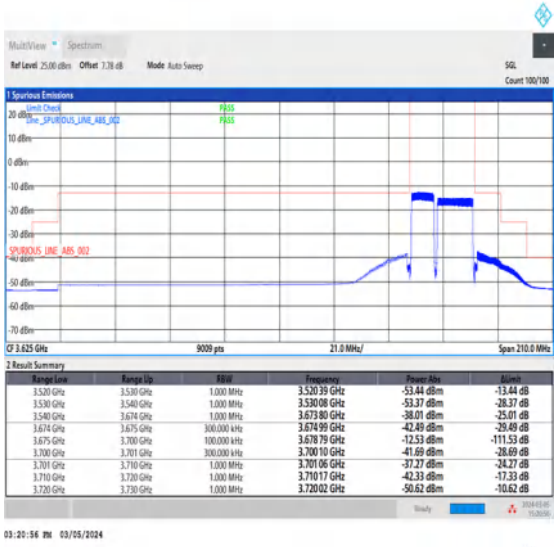

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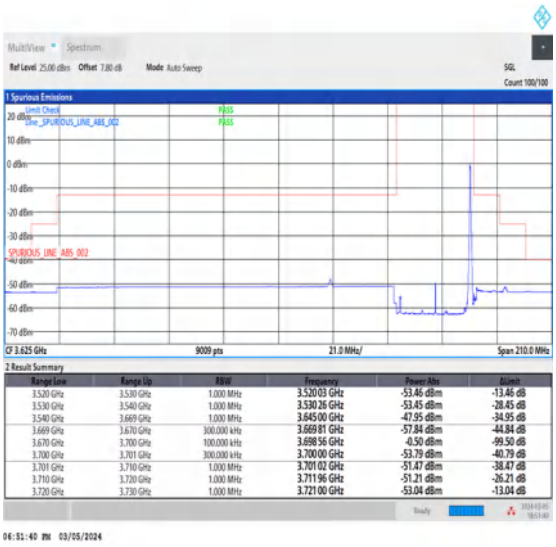

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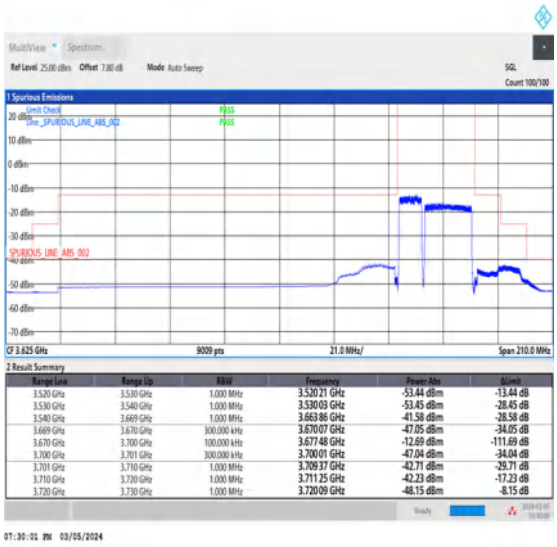

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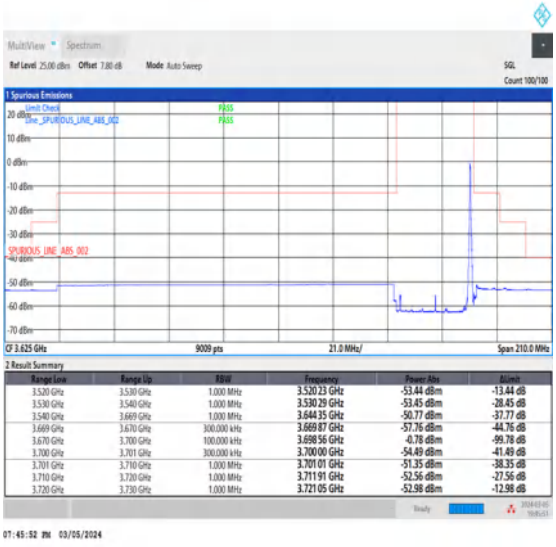

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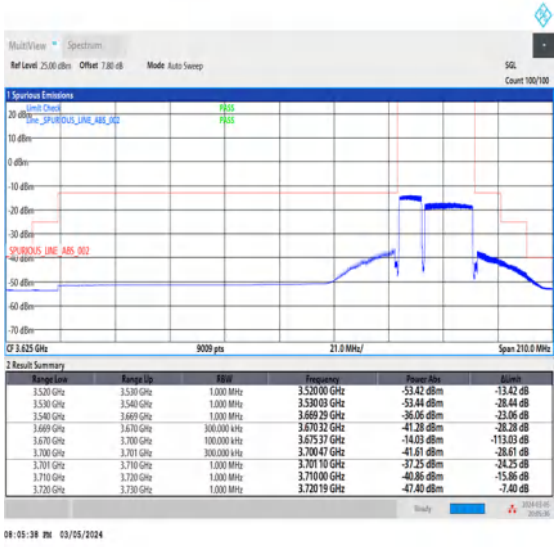

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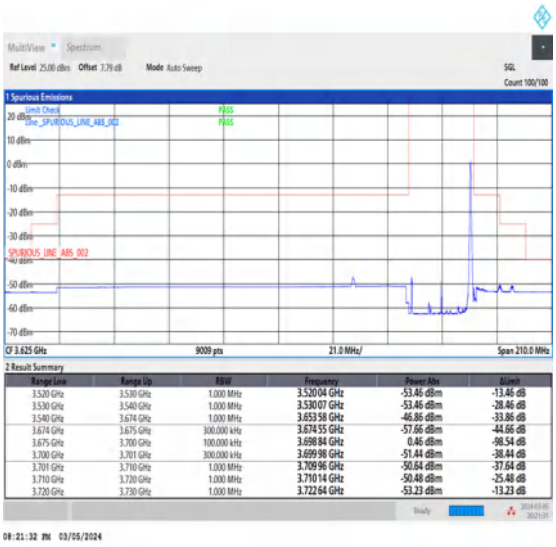

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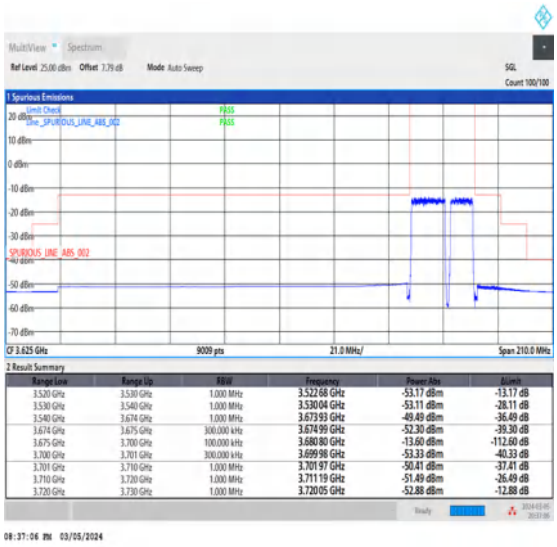

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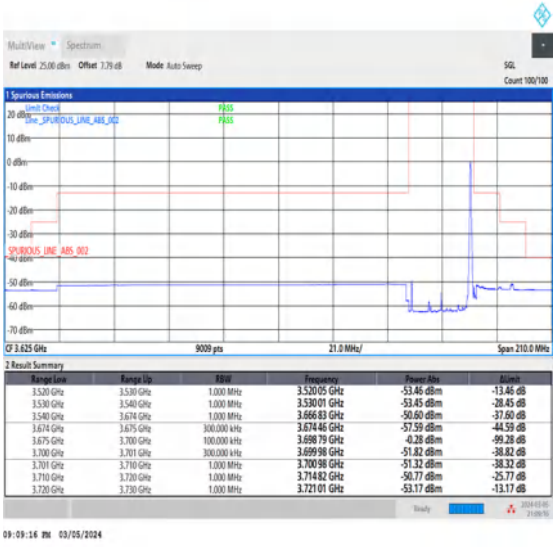

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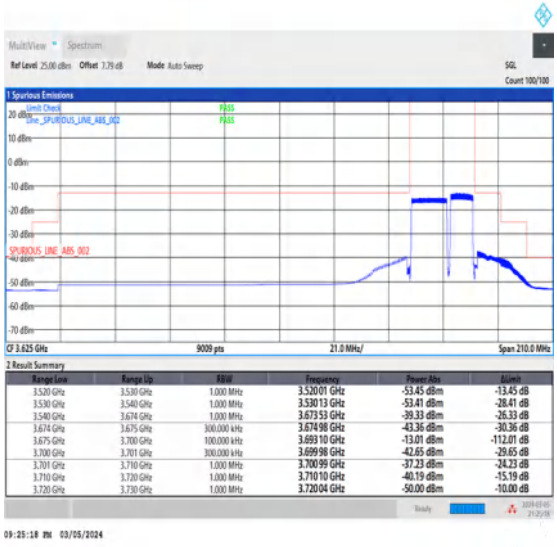

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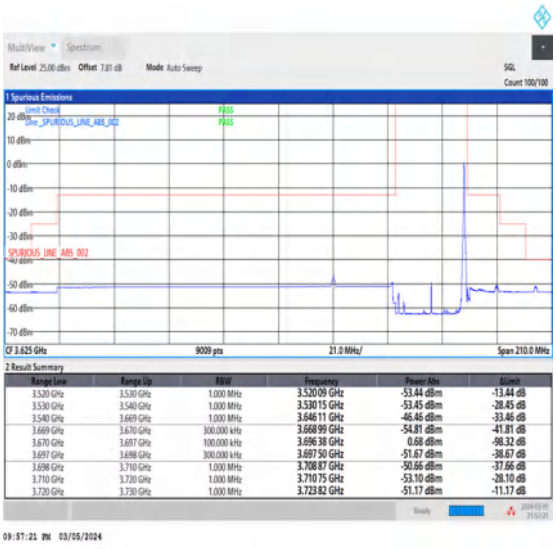

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.520 09 GHz	-53.44 dBm	-13.44 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 15 GHz	-53.45 dBm	-28.45 dB
3.540 GHz	3.669 GHz	1.000 MHz	3.646 11 GHz	-46.46 dBm	-33.46 dB
3.669 GHz	3.670 GHz	300.000 kHz	3.668 99 GHz	-54.81 dBm	-41.81 dB
3.670 GHz	3.697 GHz	100.000 kHz	3.696 38 GHz	0.68 dBm	-98.32 dB
3.697 GHz	3.698 GHz	300.000 kHz	3.697 50 GHz	-51.67 dBm	-38.67 dB
3.698 GHz	3.710 GHz	1.000 MHz	3.708 37 GHz	-50.66 dBm	-37.66 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 75 GHz	-53.10 dBm	-28.10 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.723 82 GHz	-51.17 dBm	-11.17 dB

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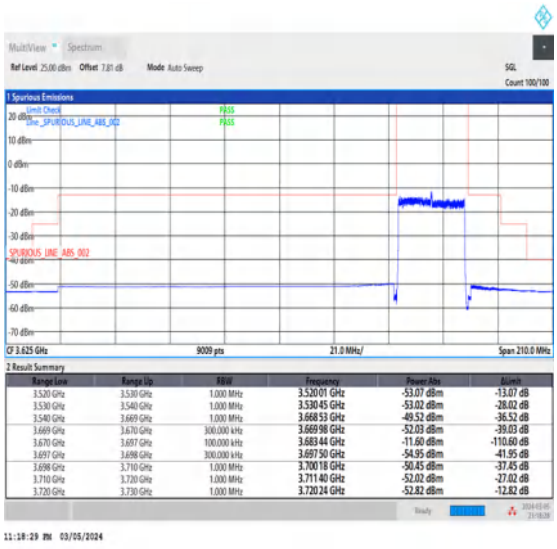

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.520 01 GHz	-53.07 dBm	-13.07 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 45 GHz	-53.02 dBm	-28.02 dB
3.540 GHz	3.669 GHz	1.000 MHz	3.668 53 GHz	-49.52 dBm	-36.52 dB
3.669 GHz	3.670 GHz	300.000 kHz	3.669 98 GHz	-52.03 dBm	-39.03 dB
3.670 GHz	3.697 GHz	100.000 kHz	3.683 44 GHz	-11.60 dBm	-110.60 dB
3.697 GHz	3.698 GHz	300.000 kHz	3.697 50 GHz	-54.95 dBm	-41.95 dB
3.698 GHz	3.710 GHz	1.000 MHz	3.700 18 GHz	-50.45 dBm	-37.45 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.711 40 GHz	-52.02 dBm	-27.02 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 24 GHz	-52.82 dBm	-12.82 dB

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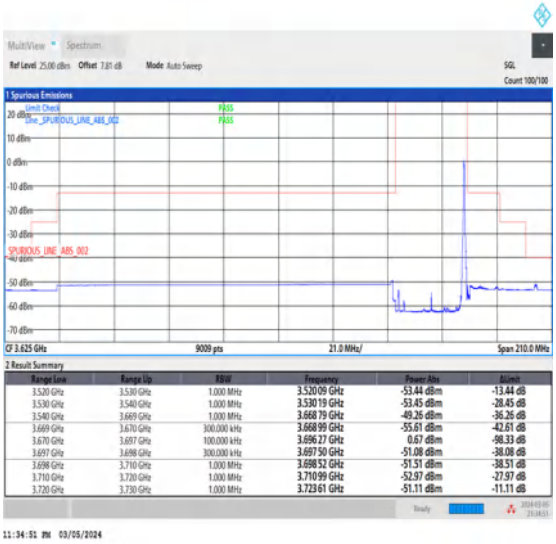

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.520 09 GHz	-53.44 dBm	-13.44 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 19 GHz	-53.45 dBm	-28.45 dB
3.540 GHz	3.669 GHz	1.000 MHz	3.668 79 GHz	-49.26 dBm	-36.26 dB
3.669 GHz	3.670 GHz	300.000 kHz	3.668 99 GHz	-55.61 dBm	-42.61 dB
3.670 GHz	3.697 GHz	100.000 kHz	3.696 27 GHz	0.67 dBm	-98.33 dB
3.697 GHz	3.698 GHz	300.000 kHz	3.697 50 GHz	-51.08 dBm	-38.08 dB
3.698 GHz	3.710 GHz	1.000 MHz	3.698 52 GHz	-51.51 dBm	-38.51 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 99 GHz	-52.97 dBm	-27.97 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.723 61 GHz	-51.11 dBm	-11.11 dB

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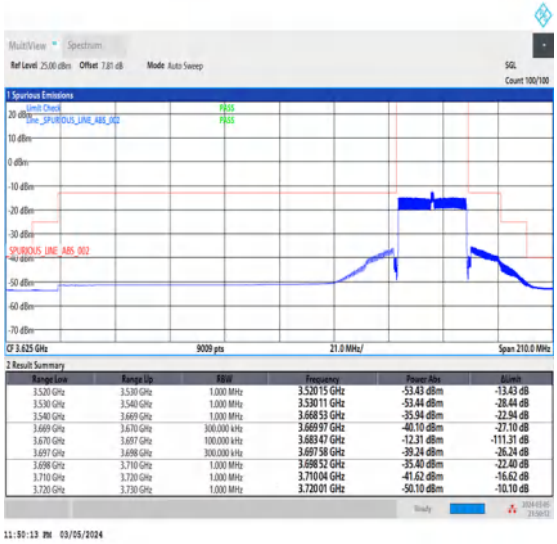

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.520 15 GHz	-53.43 dBm	-13.43 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 11 GHz	-53.44 dBm	-28.44 dB
3.540 GHz	3.669 GHz	1.000 MHz	3.668 53 GHz	-35.94 dBm	-22.94 dB
3.669 GHz	3.670 GHz	300.000 kHz	3.669 97 GHz	-40.10 dBm	-27.10 dB
3.670 GHz	3.697 GHz	100.000 kHz	3.683 47 GHz	-12.31 dBm	-111.31 dB
3.697 GHz	3.698 GHz	300.000 kHz	3.697 58 GHz	-39.24 dBm	-26.24 dB
3.698 GHz	3.710 GHz	1.000 MHz	3.698 52 GHz	-35.40 dBm	-22.40 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 04 GHz	-41.62 dBm	-16.62 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 01 GHz	-50.10 dBm	-10.10 dB

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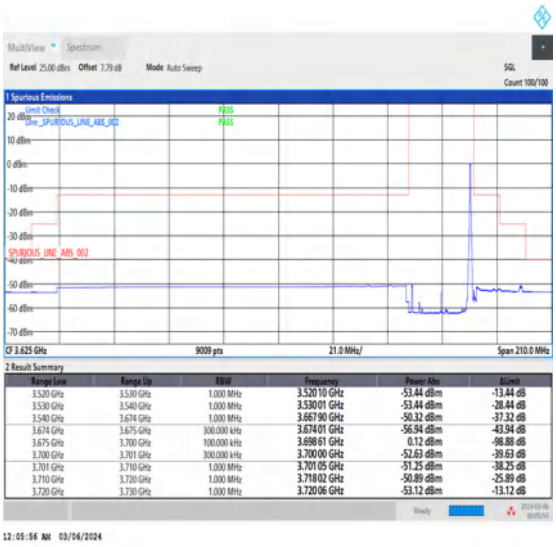

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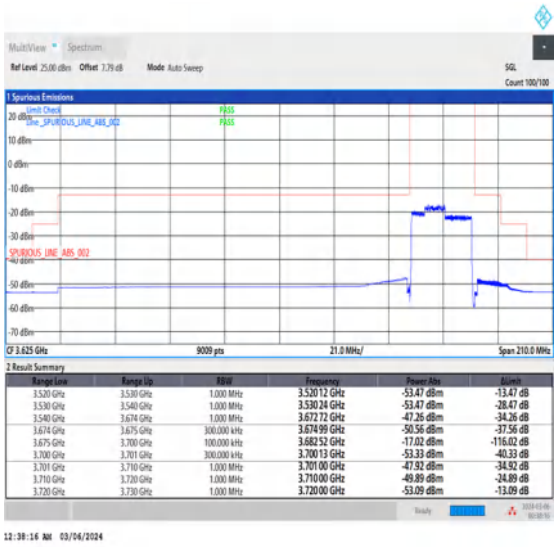

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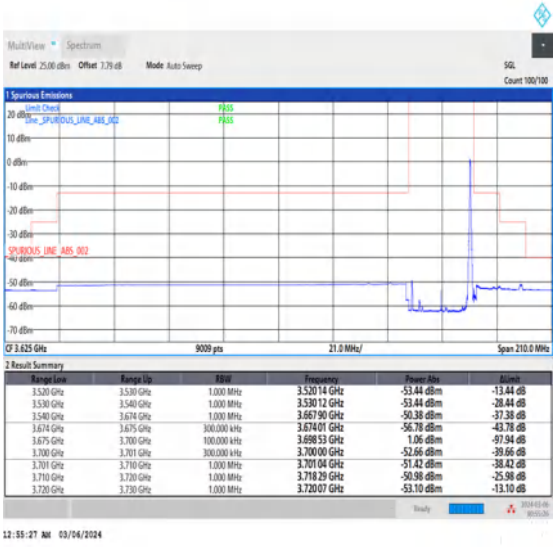

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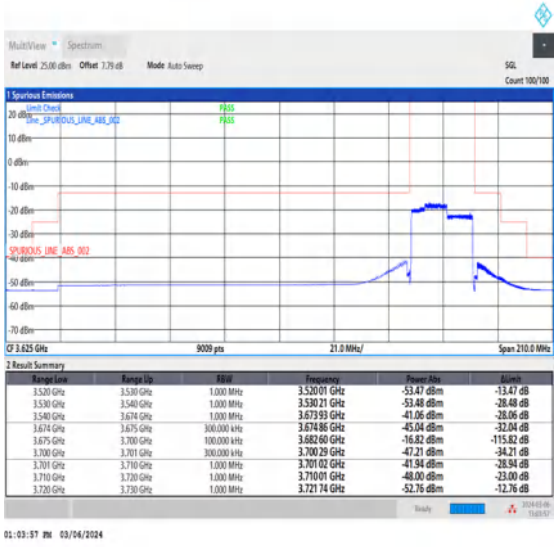

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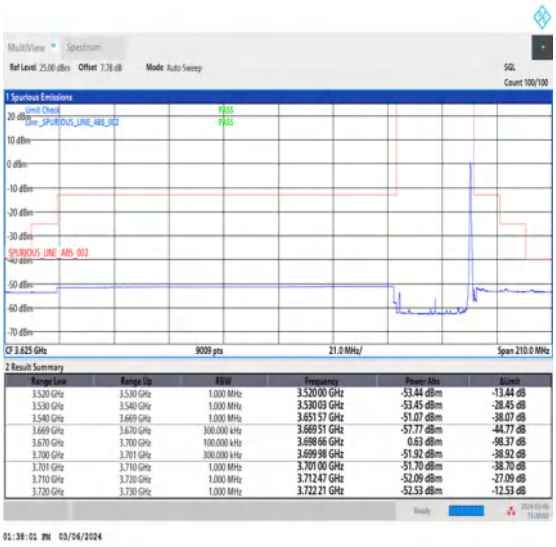

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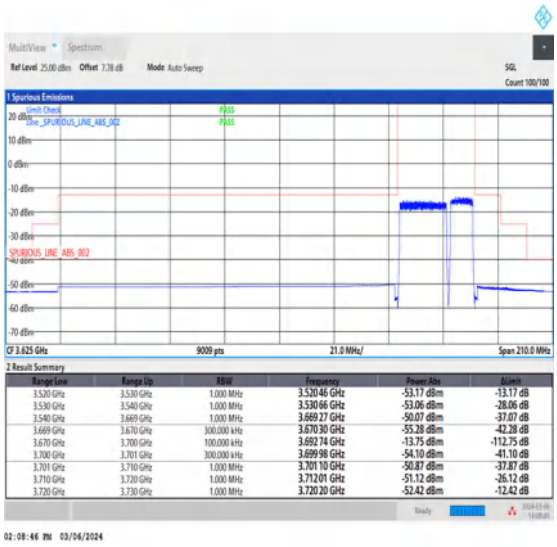

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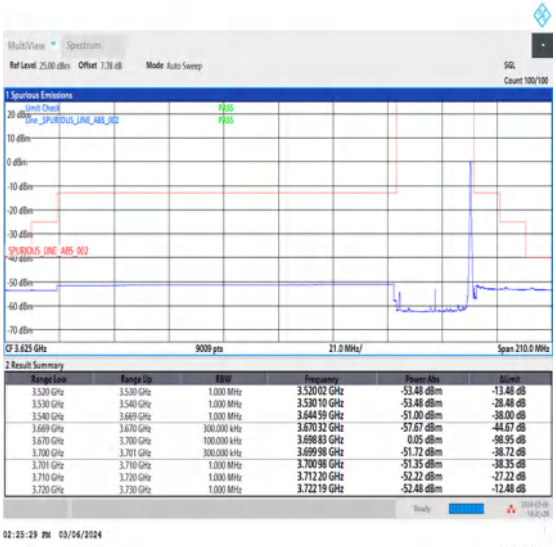

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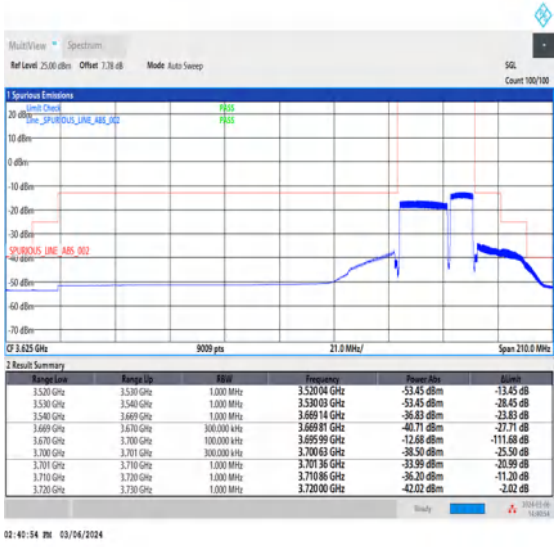

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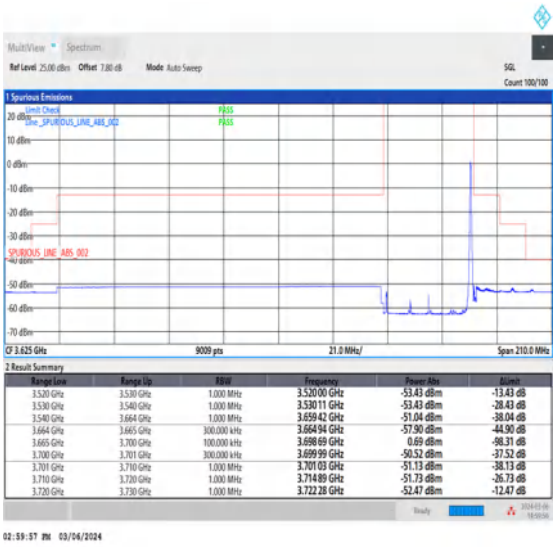

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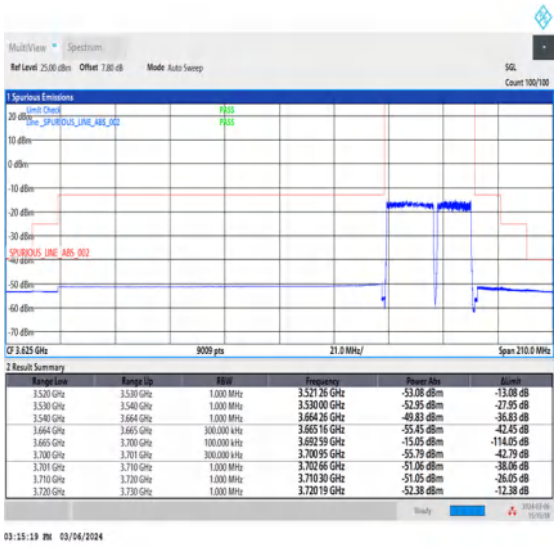

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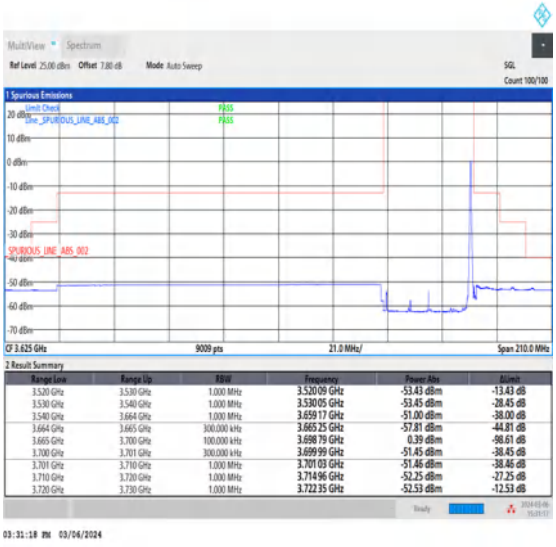

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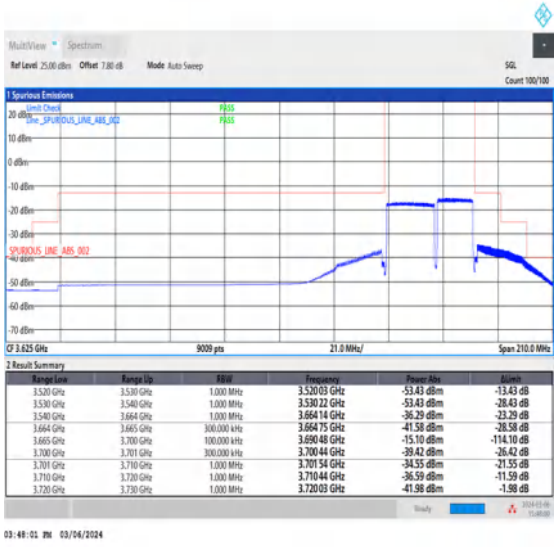

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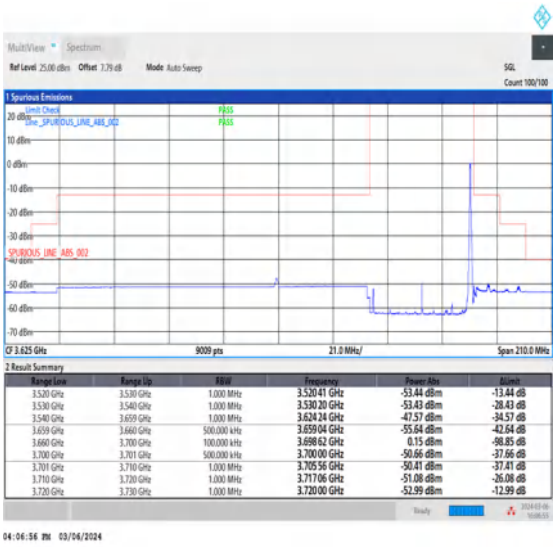
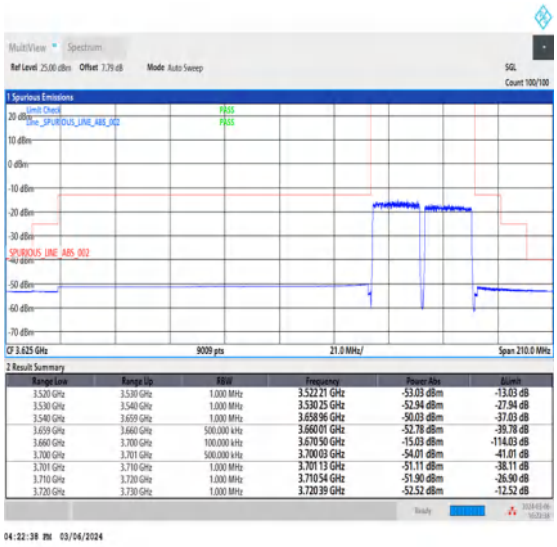


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.520 41 GHz	-53.44 dBm	-13.44 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 20 GHz	-53.43 dBm	-28.43 dB
3.540 GHz	3.659 GHz	1.000 MHz	3.624 24 GHz	-47.57 dBm	-34.57 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.659 04 GHz	-55.64 dBm	-42.64 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.698 62 GHz	0.15 dBm	-98.85 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.700 00 GHz	-50.66 dBm	-37.66 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.705 56 GHz	-50.41 dBm	-37.41 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.717 06 GHz	-51.08 dBm	-26.08 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 00 GHz	-52.99 dBm	-12.99 dB

NTNV_CA_n48B_PC3_30+30_20+20_H+H_TID2_1_#1



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.522 21 GHz	-53.03 dBm	-13.03 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 25 GHz	-52.94 dBm	-27.94 dB
3.540 GHz	3.659 GHz	1.000 MHz	3.658 96 GHz	-50.03 dBm	-37.03 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.660 01 GHz	-52.78 dBm	-39.78 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.670 50 GHz	-15.03 dBm	-114.03 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.700 03 GHz	-54.01 dBm	-41.01 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 13 GHz	-51.11 dBm	-38.11 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 54 GHz	-51.90 dBm	-26.90 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 39 GHz	-52.52 dBm	-12.52 dB

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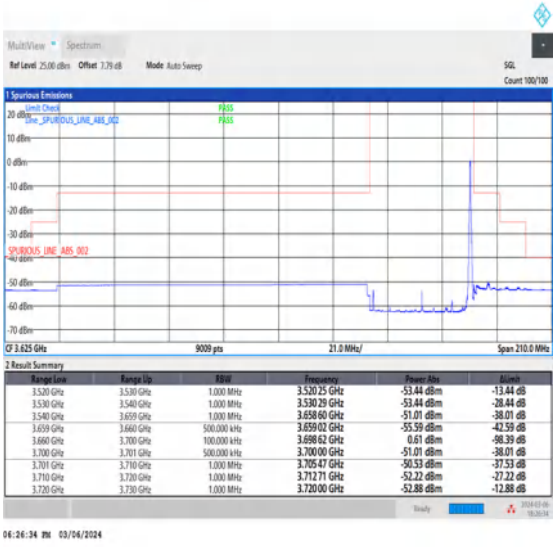

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.520 25 GHz	-53.44 dBm	-13.44 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 29 GHz	-53.44 dBm	-28.44 dB
3.540 GHz	3.659 GHz	1.000 MHz	3.658 60 GHz	-51.01 dBm	-38.01 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.659 02 GHz	-55.59 dBm	-42.59 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.698 62 GHz	0.61 dBm	-98.39 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.700 00 GHz	-51.01 dBm	-38.01 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.705 47 GHz	-50.53 dBm	-37.53 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.712 71 GHz	-52.22 dBm	-27.22 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 00 GHz	-52.88 dBm	-12.88 dB

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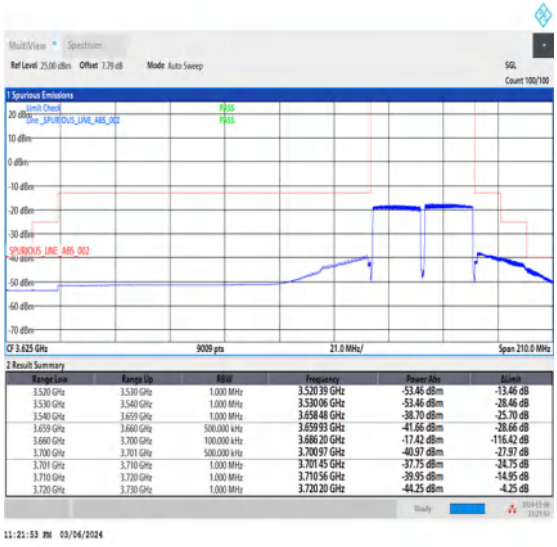

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.520 GHz	3.530 GHz	1.000 MHz	3.520 39 GHz	-53.46 dBm	-13.46 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 06 GHz	-53.46 dBm	-28.46 dB
3.540 GHz	3.659 GHz	1.000 MHz	3.658 48 GHz	-38.70 dBm	-25.70 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.659 93 GHz	-41.66 dBm	-28.66 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.686 20 GHz	-17.42 dBm	-116.42 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.700 97 GHz	-40.97 dBm	-27.97 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 45 GHz	-37.75 dBm	-24.75 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 56 GHz	-39.95 dBm	-14.95 dB
3.720 GHz	3.730 GHz	1.000 MHz	3.720 20 GHz	-44.25 dBm	-4.25 dB

NTNV_CA_n48B_PC3_30+30_20+20_H+H_TID6_1_#1

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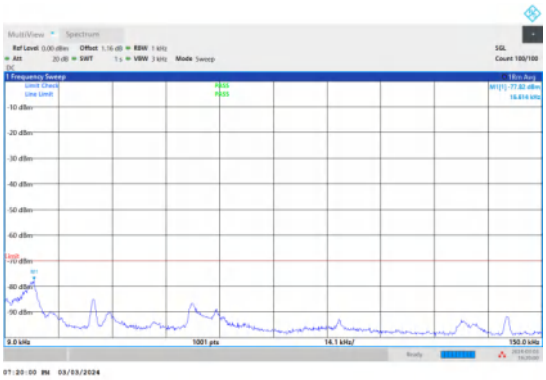
Test Graphs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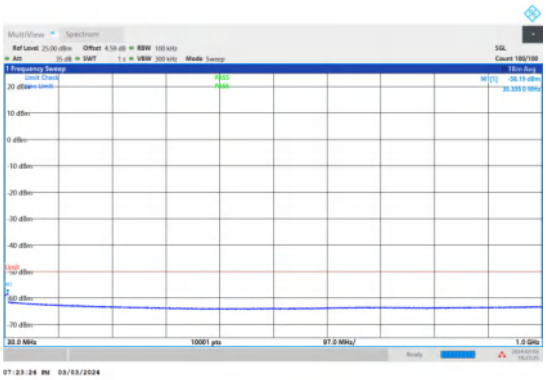	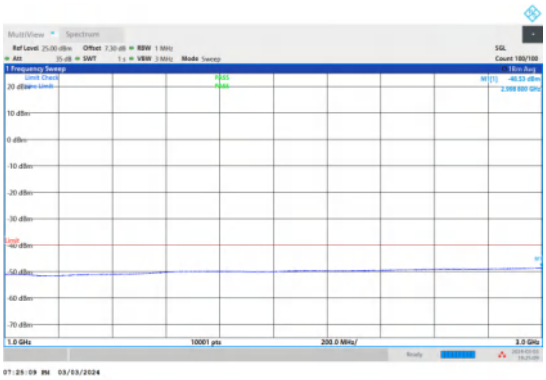
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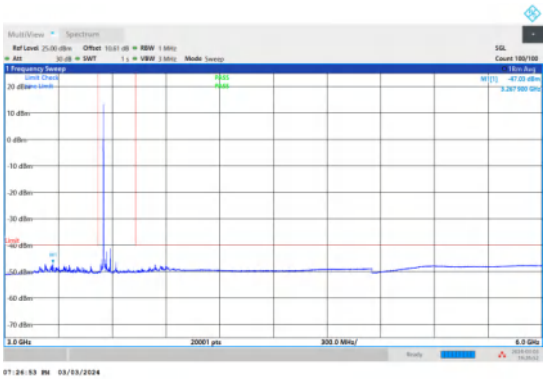

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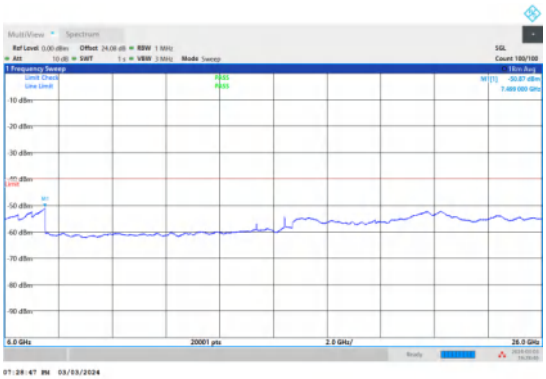

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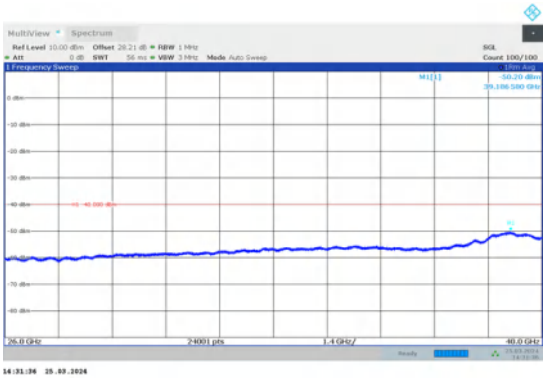

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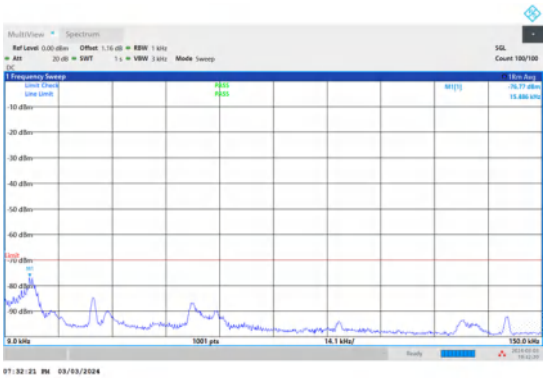

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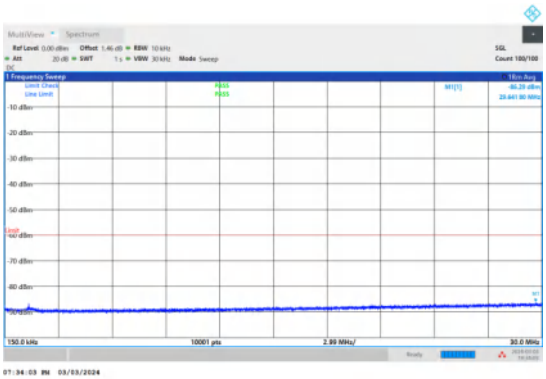

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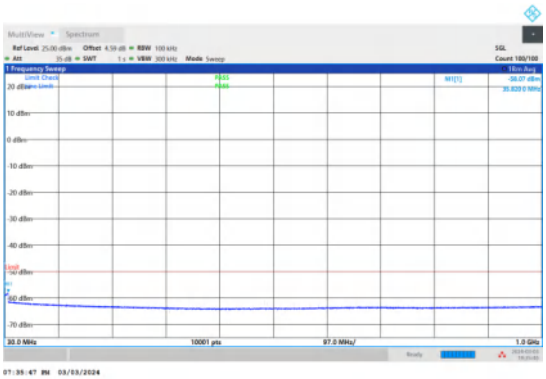

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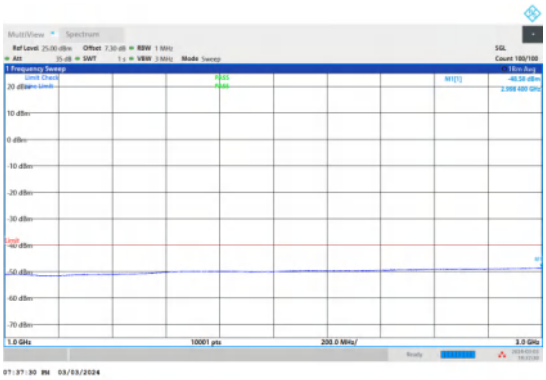

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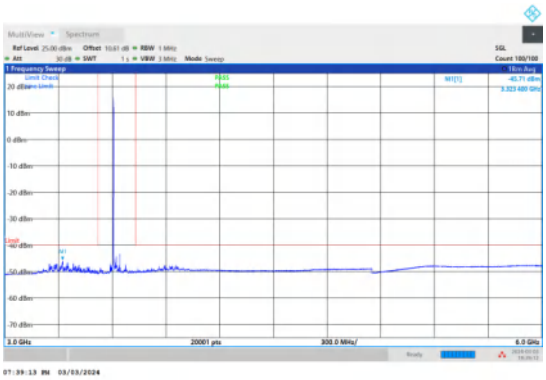

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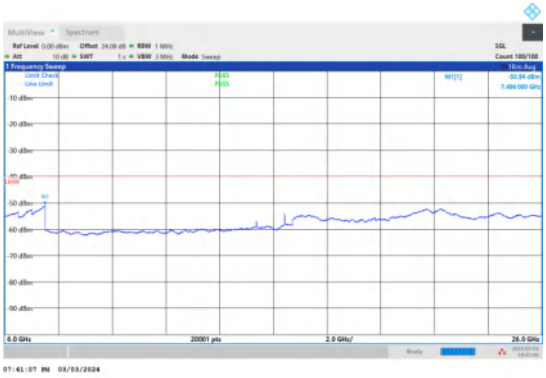

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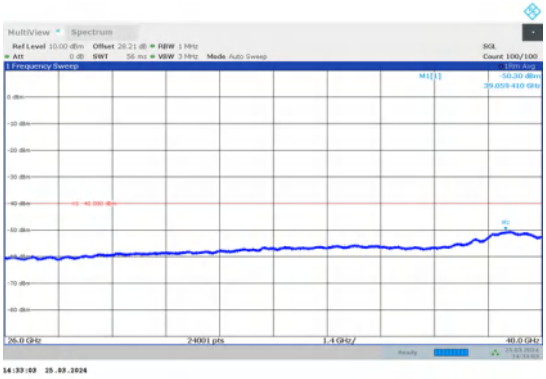

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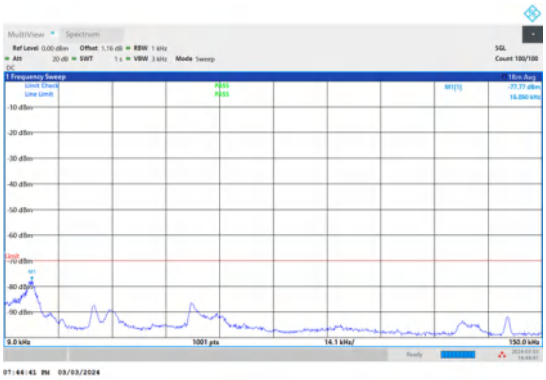

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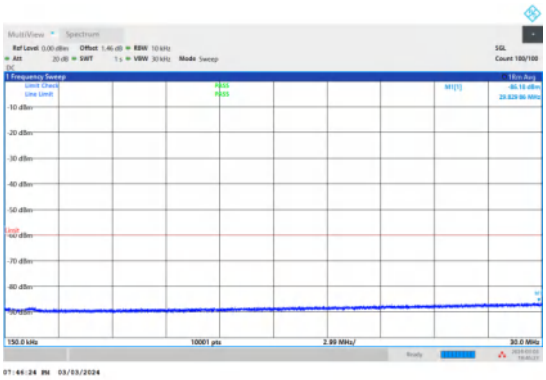

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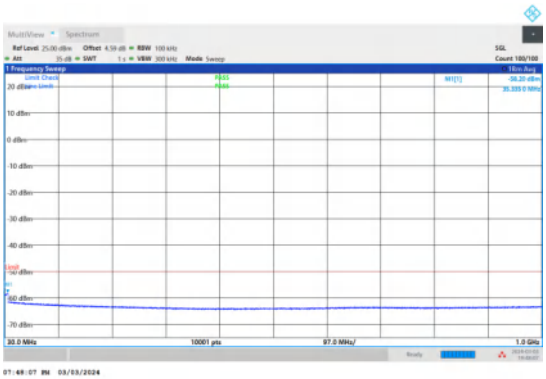

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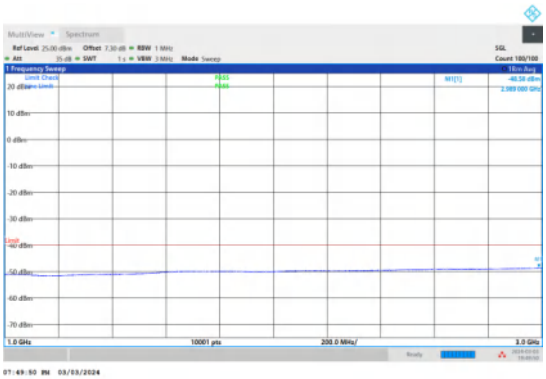

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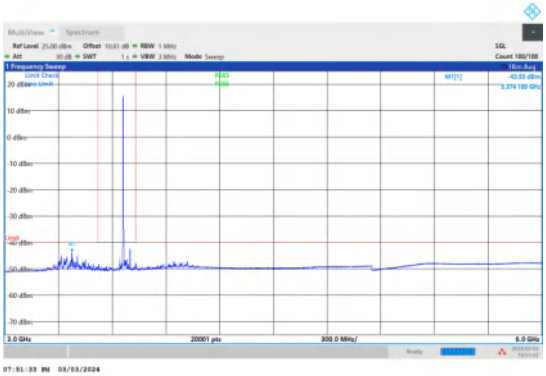

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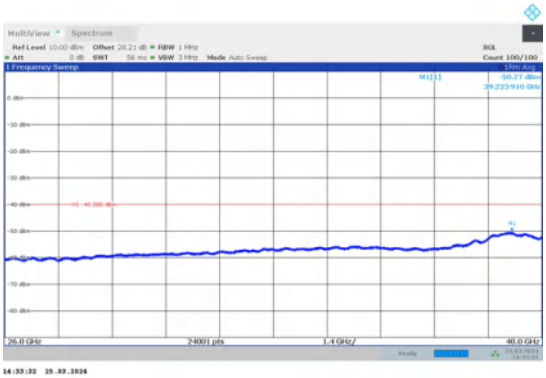

NTNV_CA_n48B_30+30_20+20_L+L_TID2_NS_01_#1

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Field Strength of Spurious Radiation

Test Band = NR CA n48B_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7802.8542	42.99	-44.90	36.44	-60.74	-40.00	20.74	Horizontal
2	9296.8958	41.57	-42.94	37.87	-58.76	-40.00	18.76	Horizontal
3	11331.9167	39.02	-40.21	39.33	-57.12	-40.00	17.12	Horizontal
4	14044.4792	36.96	-38.96	40.86	-56.40	-40.00	16.40	Horizontal
5	14996.1042	35.39	-37.91	40.10	-57.68	-40.00	17.68	Horizontal
6	17962.625	34.74	-37.08	45.06	-52.54	-40.00	12.54	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7234.5625	43.55	-45.64	36.16	-61.19	-40.00	21.19	Vertical
2	8508.1875	41.52	-43.72	36.91	-60.55	-40.00	20.55	Vertical
3	9566.6667	40.37	-42.04	38.11	-58.82	-40.00	18.82	Vertical
4	11140.729	38.63	-40.04	39.37	-57.30	-40.00	17.30	Vertical
5	13402.875	37.51	-39.04	39.53	-57.26	-40.00	17.26	Vertical
6	17462.375	34.78	-36.53	41.86	-55.15	-40.00	15.15	Vertical

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Test Band = NR CA n48B_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7231.2083	43.51	-45.62	36.15	-61.22	-40.00	21.22	Horizontal
2	8339.5208	42.19	-44.48	36.68	-60.88	-40.00	20.88	Horizontal
3	9283.9583	41.65	-42.94	37.86	-58.70	-40.00	18.70	Horizontal
4	11905.9583	38.12	-39.83	39.22	-57.75	-40.00	17.75	Horizontal
5	13922.7708	36.68	-38.52	40.72	-56.38	-40.00	16.38	Horizontal
6	17623.375	35.08	-36.99	42.89	-54.28	-40.00	14.28	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7246.0625	43.52	-45.71	36.19	-61.26	-40.00	21.26	Vertical
2	8784.6667	41.59	-43.83	37.30	-60.21	-40.00	20.21	Vertical
3	11397.5625	37.92	-39.73	39.32	-57.75	-40.00	17.75	Vertical
4	13726.3125	37.03	-38.10	40.27	-56.06	-40.00	16.06	Vertical
5	14620.9167	36.34	-38.14	40.40	-56.66	-40.00	16.66	Vertical
6	17961.1875	35.24	-37.09	45.05	-52.06	-40.00	12.06	Vertical

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Test Band = NR CA n48B_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7183.7708	43.56	-45.56	36.04	-61.22	-40.00	21.22	Horizontal
2	9354.875	41.26	-42.87	37.92	-58.95	-40.00	18.95	Horizontal
3	11154.1458	38.30	-40.02	39.37	-57.61	-40.00	17.61	Horizontal
4	13904.0833	36.84	-38.37	40.68	-56.11	-40.00	16.11	Horizontal
5	16571.6042	35.93	-37.43	38.60	-58.16	-40.00	18.16	Horizontal
6	17969.8125	35.14	-37.06	45.11	-52.08	-40.00	12.08	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7351.9583	43.70	-45.78	36.44	-60.89	-40.00	20.89	Vertical
2	8803.3542	42.00	-43.85	37.32	-59.78	-40.00	19.78	Vertical
3	10063.5625	39.47	-41.67	38.56	-58.90	-40.00	18.90	Vertical
4	11743.5208	37.82	-39.60	39.25	-57.79	-40.00	17.79	Vertical
5	13899.2917	36.70	-38.34	40.67	-56.23	-40.00	16.23	Vertical
6	17957.8333	35.14	-37.10	45.03	-52.19	-40.00	12.19	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

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Frequency Stability for SA ULCA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N48B	30	20+20	DFT-PI2BPSK	M	Outer_Full	VH	NT	1.600000	0.000301	PASS
N48B	30	20+20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-0.100000	-0.000040	PASS
N48B	30	20+20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-4.000000	-0.001101	PASS
N48B	30	20+20	CP-QPSK	M	Outer_Full	VH	NT	-4.400000	-0.001248	PASS
N48B	30	20+20	CP-QPSK	M	Outer_Full	VN	NT	-17.300000	-0.004606	PASS
N48B	30	20+20	CP-QPSK	M	Outer_Full	VL	NT	-6.800000	-0.001873	PASS

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Frequency Error VS. Temperature

Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N48B	30	20+20	DFT-PI2BPSK	M	Outer_Full	NV	-30	5.900000	0.001506	PASS
N48B	30	20+20	DFT-PI2BPSK	M	Outer_Full	NV	-20	4.000000	0.000979	PASS
N48B	30	20+20	DFT-PI2BPSK	M	Outer_Full	NV	-10	1.200000	0.000297	PASS
N48B	30	20+20	DFT-PI2BPSK	M	Outer_Full	NV	0	1.900000	0.000465	PASS
N48B	30	20+20	DFT-PI2BPSK	M	Outer_Full	NV	10	-2.800000	-0.000837	PASS
N48B	30	20+20	DFT-PI2BPSK	M	Outer_Full	NV	20	2.100000	0.000501	PASS
N48B	30	20+20	DFT-PI2BPSK	M	Outer_Full	NV	30	0.100000	0.000075	PASS
N48B	30	20+20	DFT-PI2BPSK	M	Outer_Full	NV	40	-1.400000	-0.000494	PASS
N48B	30	20+20	DFT-PI2BPSK	M	Outer_Full	NV	50	2.100000	0.000474	PASS
N48B	30	20+20	CP-QPSK	M	Outer_Full	NV	-30	-0.500000	-0.000236	PASS
N48B	30	20+20	CP-QPSK	M	Outer_Full	NV	-20	-1.900000	-0.000624	PASS
N48B	30	20+20	CP-QPSK	M	Outer_Full	NV	-10	-5.900000	-0.001536	PASS
N48B	30	20+20	CP-QPSK	M	Outer_Full	NV	0	-2.700000	-0.000738	PASS
N48B	30	20+20	CP-QPSK	M	Outer_Full	NV	10	-5.700000	-0.001600	PASS
N48B	30	20+20	CP-QPSK	M	Outer_Full	NV	20	-1.500000	-0.000482	PASS
N48B	30	20+20	CP-QPSK	M	Outer_Full	NV	30	-2.600000	-0.000751	PASS
N48B	30	20+20	CP-QPSK	M	Outer_Full	NV	40	0.300000	0.000032	PASS
N48B	30	20+20	CP-QPSK	M	Outer_Full	NV	50	3.200000	0.000782	PASS

---End of Attachment---

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