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Appendix B.43

NR Band n38



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Effective (Isotropic) Radiated Power Output Data for SA**Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.89	26.96	33	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.73	26.8	33	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	23.39	26.46	33	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Left	23.85	26.92	33	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Right	23.96	27.03	33	PASS
N38	30	10	DFT-QPSK	L	Outer_Full	22.81	25.88	33	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	23.05	26.12	33	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Right	22.84	25.91	33	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	21.94	25.01	33	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Left	21.47	24.54	33	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Right	21.42	24.49	33	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	21.4	24.47	33	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Left	19.27	22.34	33	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Right	19.11	22.18	33	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	19.31	22.38	33	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.95	27.02	33	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.9	26.97	33	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	13.67	16.74	33	PASS



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N38	30	10	DFT-QPSK	M	Inner_1RB_Left	23.98	27.05	33	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Right	23.85	26.92	33	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	22.87	25.94	33	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	22.93	26	33	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Right	23.04	26.11	33	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	21.79	24.86	33	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Left	21.54	24.61	33	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Right	21.35	24.42	33	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	21.46	24.53	33	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Left	19.18	22.25	33	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Right	19.3	22.37	33	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	19.28	22.35	33	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.02	27.09	33	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.12	27.19	33	PASS
N38	30	10	DFT-PI2BPSK	H	Outer_Full	23.37	26.44	33	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Left	23.96	27.03	33	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Right	24.13	27.2	33	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	23.03	26.1	33	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Left	22.94	26.01	33	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Right	23.03	26.1	33	PASS
N38	30	10	DFT-16QAM	H	Outer_Full	22.03	25.1	33	PASS



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N38	30	10	DFT-64QAM	H	Inner_1RB_Left	21.51	24.58	33	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Right	21.61	24.68	33	PASS
N38	30	10	DFT-64QAM	H	Outer_Full	21.42	24.49	33	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Left	19.42	22.49	33	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Right	19.44	22.51	33	PASS
N38	30	10	DFT-256QAM	H	Outer_Full	19.44	22.51	33	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.2	27.27	33	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.08	27.15	33	PASS
N38	30	15	DFT-PI2BPSK	L	Outer_Full	23.67	26.74	33	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Left	24.13	27.2	33	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Right	24.06	27.13	33	PASS
N38	30	15	DFT-QPSK	L	Outer_Full	23.05	26.12	33	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Left	23.17	26.24	33	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Right	23.16	26.23	33	PASS
N38	30	15	DFT-16QAM	L	Outer_Full	22.11	25.18	33	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Left	21.68	24.75	33	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Right	21.6	24.67	33	PASS
N38	30	15	DFT-64QAM	L	Outer_Full	21.49	24.56	33	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Left	19.57	22.64	33	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Right	19.43	22.5	33	PASS
N38	30	15	DFT-256QAM	L	Outer_Full	19.51	22.58	33	PASS



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N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.03	27.1	33	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.11	27.18	33	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	23.53	26.6	33	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Left	24.12	27.19	33	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Right	24.13	27.2	33	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	23.14	26.21	33	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Left	23.16	26.23	33	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Right	23.08	26.15	33	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	22.08	25.15	33	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Left	21.52	24.59	33	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Right	21.64	24.71	33	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	21.53	24.6	33	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Left	19.43	22.5	33	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Right	19.51	22.58	33	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	19.61	22.68	33	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.02	27.09	33	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.13	27.2	33	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	23.61	26.68	33	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Left	24.03	27.1	33	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Right	24.25	27.32	33	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	23.92	26.99	33	PASS



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N38	30	15	DFT-16QAM	H	Inner_1RB_Left	23.16	26.23	33	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Right	22.9	25.97	33	PASS
N38	30	15	DFT-16QAM	H	Outer_Full	22.51	25.58	33	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Left	22.26	25.33	33	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Right	21.99	25.06	33	PASS
N38	30	15	DFT-64QAM	H	Outer_Full	21.84	24.91	33	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Left	19.58	22.65	33	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Right	19.54	22.61	33	PASS
N38	30	15	DFT-256QAM	H	Outer_Full	19.41	22.48	33	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.01	27.08	33	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.05	27.12	33	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	23.57	26.64	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	24.14	27.21	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Right	24.06	27.13	33	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	23.17	26.24	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	23.16	26.23	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Right	23.17	26.24	33	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	22.04	25.11	33	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Left	21.64	24.71	33	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Right	21.44	24.51	33	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	21.49	24.56	33	PASS



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N38	30	20	DFT-256QAM	L	Inner_1RB_Left	19.39	22.46	33	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Right	19.39	22.46	33	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	19.56	22.63	33	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	24.15	27.22	33	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	24.1	27.17	33	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	23.64	26.71	33	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Left	23.76	26.83	33	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Right	24.06	27.13	33	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	23.01	26.08	33	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Left	23.09	26.16	33	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Right	23.3	26.37	33	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	22.18	25.25	33	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Left	21.68	24.75	33	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Right	21.76	24.83	33	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	21.57	24.64	33	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Left	19.52	22.59	33	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Right	19.57	22.64	33	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	19.55	22.62	33	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	24.02	27.09	33	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.36	27.43	33	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	23.69	26.76	33	PASS



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N38	30	20	DFT-QPSK	H	Inner_1RB_Right	24.29	27.36	33	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	23.09	26.16	33	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Left	23.19	26.26	33	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Right	23.2	26.27	33	PASS
N38	30	20	DFT-16QAM	H	Outer_Full	22.12	25.19	33	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Left	21.63	24.7	33	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Right	21.91	24.98	33	PASS
N38	30	20	DFT-64QAM	H	Outer_Full	21.6	24.67	33	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Left	19.55	22.62	33	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Right	19.58	22.65	33	PASS
N38	30	20	DFT-256QAM	H	Outer_Full	19.75	22.82	33	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	24.25	27.32	33	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	24.34	27.41	33	PASS
N38	30	30	DFT-PI2BPSK	L	Outer_Full	23.66	26.73	33	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Left	24.35	27.42	33	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Right	24.26	27.33	33	PASS
N38	30	30	DFT-QPSK	L	Outer_Full	23.14	26.21	33	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Left	23.31	26.38	33	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Right	23.43	26.5	33	PASS
N38	30	30	DFT-16QAM	L	Outer_Full	22.28	25.35	33	PASS



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N38	30	30	DFT-64QAM	L	Inner_1RB_Left	21.67	24.74	33	PASS
N38	30	30	DFT-64QAM	L	Inner_1RB_Right	21.78	24.85	33	PASS
N38	30	30	DFT-64QAM	L	Outer_Full	21.76	24.83	33	PASS
N38	30	30	DFT-256QAM	L	Inner_1RB_Left	19.54	22.61	33	PASS
N38	30	30	DFT-256QAM	L	Inner_1RB_Right	19.76	22.83	33	PASS
N38	30	30	DFT-256QAM	L	Outer_Full	19.75	22.82	33	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	24.34	27.41	33	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	24.32	27.39	33	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	23.79	26.86	33	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Left	24.2	27.27	33	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Right	24.56	27.63	33	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	24.07	27.14	33	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Left	23.41	26.48	33	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Right	23.32	26.39	33	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	22.09	25.16	33	PASS
N38	30	30	DFT-64QAM	M	Inner_1RB_Left	21.76	24.83	33	PASS
N38	30	30	DFT-64QAM	M	Inner_1RB_Right	21.84	24.91	33	PASS
N38	30	30	DFT-64QAM	M	Outer_Full	21.73	24.8	33	PASS
N38	30	30	DFT-256QAM	M	Inner_1RB_Left	19.57	22.64	33	PASS
N38	30	30	DFT-256QAM	M	Inner_1RB_Right	19.75	22.82	33	PASS
N38	30	30	DFT-256QAM	M	Outer_Full	19.57	22.64	33	PASS



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N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	24.04	27.11	33	PASS
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	24.39	27.46	33	PASS
N38	30	30	DFT-PI2BPSK	H	Outer_Full	23.72	26.79	33	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Left	24.32	27.39	33	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Right	24.48	27.55	33	PASS
N38	30	30	DFT-QPSK	H	Outer_Full	23.48	26.55	33	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Left	23.24	26.31	33	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Right	23.54	26.61	33	PASS
N38	30	30	DFT-16QAM	H	Outer_Full	22.3	25.37	33	PASS
N38	30	30	DFT-64QAM	H	Inner_1RB_Left	21.57	24.64	33	PASS
N38	30	30	DFT-64QAM	H	Inner_1RB_Right	21.87	24.94	33	PASS
N38	30	30	DFT-64QAM	H	Outer_Full	21.87	24.94	33	PASS
N38	30	30	DFT-256QAM	H	Inner_1RB_Left	19.41	22.48	33	PASS
N38	30	30	DFT-256QAM	H	Inner_1RB_Right	19.82	22.89	33	PASS
N38	30	30	DFT-256QAM	H	Outer_Full	19.69	22.76	33	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	24.34	27.41	33	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	24.44	27.51	33	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	23.73	26.8	33	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Left	24.45	27.52	33	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Right	24.56	27.63	33	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	23.15	26.22	33	PASS



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N38	30	40	DFT-16QAM	L	Inner_1RB_Left	23.31	26.38	33	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Right	23.53	26.6	33	PASS
N38	30	40	DFT-16QAM	L	Outer_Full	22.14	25.21	33	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Left	21.69	24.76	33	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Right	21.99	25.06	33	PASS
N38	30	40	DFT-64QAM	L	Outer_Full	21.7	24.77	33	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Left	19.58	22.65	33	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Right	19.86	22.93	33	PASS
N38	30	40	DFT-256QAM	L	Outer_Full	19.73	22.8	33	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	24.3	27.37	33	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	24.49	27.56	33	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	23.82	26.89	33	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Left	24.19	27.26	33	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Right	24.44	27.51	33	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	23.2	26.27	33	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Left	23.36	26.43	33	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Right	23.65	26.72	33	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	22.24	25.31	33	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Left	21.83	24.9	33	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Right	22.04	25.11	33	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	21.78	24.85	33	PASS



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N38	30	40	DFT-256QAM	M	Inner_1RB_Left	19.66	22.73	33	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Right	19.78	22.85	33	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	19.69	22.76	33	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	24.21	27.28	33	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	24.49	27.56	33	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	23.81	26.88	33	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Left	24.33	27.4	33	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Right	24.48	27.55	33	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	23.35	26.42	33	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Left	23.42	26.49	33	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Right	23.53	26.6	33	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	22.34	25.41	33	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Left	21.78	24.85	33	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Right	21.95	25.02	33	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	21.86	24.93	33	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Left	19.52	22.59	33	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Right	19.94	23.01	33	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	19.79	22.86	33	PASS



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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1 (dBm)	Power Ant2 (dBm)	Total Power (dBm)	ERIP (dBm)	Limit (dBm)	Verdict
N38	30	10	CP-QPSK	L	Inner_1RB_Left	20.95	20.85	23.91	26.98	33	PASS
N38	30	10	CP-QPSK	L	Inner_1RB_Right	20.85	21.36	24.12	27.19	33	PASS
N38	30	10	CP-QPSK	L	Outer_Full	19.43	19.63	22.54	25.61	33	PASS
N38	30	10	CP-16QAM	L	Inner_1RB_Left	20.35	20.46	23.42	26.49	33	PASS
N38	30	10	CP-16QAM	L	Inner_1RB_Right	20.34	20.45	23.41	26.48	33	PASS
N38	30	10	CP-16QAM	L	Outer_Full	19.44	19.62	22.54	25.61	33	PASS
N38	30	10	CP-64QAM	L	Inner_1RB_Left	19.11	18.53	21.83	24.9	33	PASS
N38	30	10	CP-64QAM	L	Inner_1RB_Right	18.92	18.74	21.84	24.91	33	PASS
N38	30	10	CP-64QAM	L	Outer_Full	18.93	19.16	22.06	25.13	33	PASS
N38	30	10	CP-256QAM	L	Inner_1RB_Left	16.12	16.06	19.10	22.17	33	PASS
N38	30	10	CP-256QAM	L	Inner_1RB_Right	15.97	16.35	19.17	22.24	33	PASS
N38	30	10	CP-256QAM	L	Outer_Full	16.09	16.26	19.19	22.26	33	PASS
N38	30	10	CP-QPSK	M	Inner_1RB_Left	21.11	20.71	23.92	26.99	33	PASS
N38	30	10	CP-QPSK	M	Inner_1RB_Right	21.13	21.09	24.12	27.19	33	PASS
N38	30	10	CP-QPSK	M	Outer_Full	19.68	19.38	22.54	25.61	33	PASS
N38	30	10	CP-16QAM	M	Inner_1RB_Left	20.33	20.26	23.31	26.38	33	PASS
N38	30	10	CP-16QAM	M	Inner_1RB_Right	20.54	20.49	23.53	26.6	33	PASS



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N38	30	10	CP-64QAM	M	Inner_1RB_Left	19.02	18.41	21.73	24.8	33	PASS
N38	30	10	CP-64QAM	M	Inner_1RB_Right	19.33	18.48	21.92	24.99	33	PASS
N38	30	10	CP-64QAM	M	Outer_Full	19.18	18.92	22.06	25.13	33	PASS
N38	30	10	CP-256QAM	M	Inner_1RB_Left	16.18	16.03	19.12	22.19	33	PASS
N38	30	10	CP-256QAM	M	Inner_1RB_Right	16.4	16.04	19.23	22.3	33	PASS
N38	30	10	CP-256QAM	M	Outer_Full	16.24	16.14	19.20	22.27	33	PASS
N38	30	10	CP-QPSK	H	Inner_1RB_Left	21.11	21.04	24.09	27.16	33	PASS
N38	30	10	CP-QPSK	H	Inner_1RB_Right	21.27	20.96	24.13	27.2	33	PASS
N38	30	10	CP-QPSK	H	Outer_Full	19.68	19.47	22.59	25.66	33	PASS
N38	30	10	CP-16QAM	H	Inner_1RB_Left	20.4	20.4	23.41	26.48	33	PASS
N38	30	10	CP-16QAM	H	Inner_1RB_Right	20.49	20.35	23.43	26.5	33	PASS
N38	30	10	CP-16QAM	H	Outer_Full	19.68	19.47	22.59	25.66	33	PASS
N38	30	10	CP-64QAM	H	Inner_1RB_Left	19.14	18.48	21.82	24.89	33	PASS
N38	30	10	CP-64QAM	H	Inner_1RB_Right	19.58	18.57	22.09	25.16	33	PASS
N38	30	10	CP-64QAM	H	Outer_Full	19.21	19.03	22.13	25.2	33	PASS
N38	30	10	CP-256QAM	H	Inner_1RB_Left	16.28	16.13	19.22	22.29	33	PASS
N38	30	10	CP-256QAM	H	Inner_1RB_Right	16.52	16.05	19.30	22.37	33	PASS
N38	30	10	CP-256QAM	H	Outer_Full	16.5	16.17	19.35	22.42	33	PASS
N38	30	15	CP-QPSK	L	Inner_1RB_Left	20.98	21.2	24.10	27.17	33	PASS
N38	30	15	CP-QPSK	L	Inner_1RB_Right	21.02	21.53	24.29	27.36	33	PASS



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N38	30	15	CP-QPSK	L	Outer_Full	19.63	19.8	22.73	25.8	33	PASS
N38	30	15	CP-16QAM	L	Inner_1RB_Left	20.49	20.74	23.63	26.7	33	PASS
N38	30	15	CP-16QAM	L	Inner_1RB_Right	20.24	20.85	23.56	26.63	33	PASS
N38	30	15	CP-16QAM	L	Outer_Full	19.6	19.84	22.73	25.8	33	PASS
N38	30	15	CP-64QAM	L	Inner_1RB_Left	19.11	18.63	21.88	24.95	33	PASS
N38	30	15	CP-64QAM	L	Inner_1RB_Right	19.04	18.96	22.01	25.08	33	PASS
N38	30	15	CP-64QAM	L	Outer_Full	19.09	19.33	22.22	25.29	33	PASS
N38	30	15	CP-256QAM	L	Inner_1RB_Left	16.25	16.29	19.28	22.35	33	PASS
N38	30	15	CP-256QAM	L	Inner_1RB_Right	16.22	16.5	19.37	22.44	33	PASS
N38	30	15	CP-256QAM	L	Outer_Full	16.21	16.44	19.34	22.41	33	PASS
N38	30	15	CP-QPSK	M	Inner_1RB_Left	21.19	21.33	24.27	27.34	33	PASS
N38	30	15	CP-QPSK	M	Inner_1RB_Right	21.54	21.15	24.36	27.43	33	PASS
N38	30	15	CP-QPSK	M	Outer_Full	19.88	19.69	22.80	25.87	33	PASS
N38	30	15	CP-16QAM	M	Inner_1RB_Left	20.34	20.72	23.54	26.61	33	PASS
N38	30	15	CP-16QAM	M	Inner_1RB_Right	20.65	20.67	23.67	26.74	33	PASS
N38	30	15	CP-16QAM	M	Outer_Full	19.91	19.71	22.82	25.89	33	PASS
N38	30	15	CP-64QAM	M	Inner_1RB_Left	19.2	18.63	21.93	25	33	PASS
N38	30	15	CP-64QAM	M	Inner_1RB_Right	19.46	18.82	22.15	25.22	33	PASS
N38	30	15	CP-64QAM	M	Outer_Full	19.37	19.23	22.31	25.38	33	PASS
N38	30	15	CP-256QAM	M	Inner_1RB_Left	16.37	16.31	19.35	22.42	33	PASS
N38	30	15	CP-256QAM	M	Inner_1RB_Right	16.52	16.38	19.46	22.53	33	PASS



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N38	30	15	CP-256QAM	M	Outer_Full	16.45	16.31	19.39	22.46	33	PASS
N38	30	15	CP-QPSK	H	Inner_1RB_Left	21.24	21.27	24.27	27.34	33	PASS
N38	30	15	CP-QPSK	H	Inner_1RB_Right	21.38	21.1	24.25	27.32	33	PASS
N38	30	15	CP-QPSK	H	Outer_Full	19.91	19.73	22.83	25.9	33	PASS
N38	30	15	CP-16QAM	H	Inner_1RB_Left	20.48	20.66	23.58	26.65	33	PASS
N38	30	15	CP-16QAM	H	Inner_1RB_Right	20.71	20.66	23.70	26.77	33	PASS
N38	30	15	CP-16QAM	H	Outer_Full	19.83	19.69	22.77	25.84	33	PASS
N38	30	15	CP-64QAM	H	Inner_1RB_Left	19.43	18.7	22.08	25.15	33	PASS
N38	30	15	CP-64QAM	H	Inner_1RB_Right	19.39	18.76	22.09	25.16	33	PASS
N38	30	15	CP-64QAM	H	Outer_Full	19.39	19.24	22.33	25.4	33	PASS
N38	30	15	CP-256QAM	H	Inner_1RB_Left	16.49	16.33	19.42	22.49	33	PASS
N38	30	15	CP-256QAM	H	Inner_1RB_Right	16.55	16.37	19.47	22.54	33	PASS
N38	30	15	CP-256QAM	H	Outer_Full	16.49	16.31	19.41	22.48	33	PASS
N38	30	20	CP-QPSK	L	Inner_1RB_Left	21.22	20.93	24.09	27.16	33	PASS
N38	30	20	CP-QPSK	L	Inner_1RB_Right	21.13	21.17	24.16	27.23	33	PASS
N38	30	20	CP-QPSK	L	Outer_Full	19.52	19.76	22.65	25.72	33	PASS
N38	30	20	CP-16QAM	L	Inner_1RB_Left	20.45	20.51	23.49	26.56	33	PASS
N38	30	20	CP-16QAM	L	Inner_1RB_Right	20.64	20.59	23.63	26.7	33	PASS
N38	30	20	CP-16QAM	L	Outer_Full	19.47	19.73	22.61	25.68	33	PASS
N38	30	20	CP-64QAM	L	Inner_1RB_Left	19.1	18.61	21.87	24.94	33	PASS
N38	30	20	CP-64QAM	L	Inner_1RB_Right	19.22	18.73	21.99	25.06	33	PASS



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N38	30	20	CP-64QAM	L	Outer_Full	19.14	19.34	22.25	25.32	33	PASS
N38	30	20	CP-256QAM	L	Inner_1RB_Left	16.23	16.22	19.24	22.31	33	PASS
N38	30	20	CP-256QAM	L	Inner_1RB_Right	16.36	16.38	19.38	22.45	33	PASS
N38	30	20	CP-256QAM	L	Outer_Full	16.19	16.49	19.35	22.42	33	PASS
N38	30	20	CP-QPSK	M	Inner_1RB_Left	21.04	21.22	24.14	27.21	33	PASS
N38	30	20	CP-QPSK	M	Inner_1RB_Right	21.52	21.15	24.35	27.42	33	PASS
N38	30	20	CP-QPSK	M	Outer_Full	19.87	19.66	22.78	25.85	33	PASS
N38	30	20	CP-16QAM	M	Inner_1RB_Left	20.28	20.75	23.53	26.6	33	PASS
N38	30	20	CP-16QAM	M	Inner_1RB_Right	20.74	20.8	23.78	26.85	33	PASS
N38	30	20	CP-16QAM	M	Outer_Full	19.77	19.6	22.70	25.77	33	PASS
N38	30	20	CP-64QAM	M	Inner_1RB_Left	19.14	18.66	21.91	24.98	33	PASS
N38	30	20	CP-64QAM	M	Inner_1RB_Right	19.47	18.81	22.15	25.22	33	PASS
N38	30	20	CP-64QAM	M	Outer_Full	19.41	19.3	22.37	25.44	33	PASS
N38	30	20	CP-256QAM	M	Inner_1RB_Left	16.25	16.29	19.28	22.35	33	PASS
N38	30	20	CP-256QAM	M	Inner_1RB_Right	16.51	16.29	19.41	22.48	33	PASS
N38	30	20	CP-256QAM	M	Outer_Full	16.35	16.34	19.36	22.43	33	PASS
N38	30	20	CP-QPSK	H	Inner_1RB_Left	21.25	21.18	24.23	27.3	33	PASS
N38	30	20	CP-QPSK	H	Inner_1RB_Right	21.41	21.37	24.40	27.47	33	PASS
N38	30	20	CP-QPSK	H	Outer_Full	19.83	19.72	22.79	25.86	33	PASS
N38	30	20	CP-16QAM	H	Inner_1RB_Left	20.6	20.49	23.56	26.63	33	PASS
N38	30	20	CP-16QAM	H	Inner_1RB_Right	20.76	20.64	23.71	26.78	33	PASS



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N38	30	20	CP-16QAM	H	Outer_Full	19.83	19.81	22.83	25.9	33	PASS
N38	30	20	CP-64QAM	H	Inner_1RB_Left	19.45	18.7	22.09	25.16	33	PASS
N38	30	20	CP-64QAM	H	Inner_1RB_Right	19.41	18.87	22.15	25.22	33	PASS
N38	30	20	CP-64QAM	H	Outer_Full	19.42	19.4	22.42	25.49	33	PASS
N38	30	20	CP-256QAM	H	Inner_1RB_Left	16.45	16.29	19.38	22.45	33	PASS
N38	30	20	CP-256QAM	H	Inner_1RB_Right	16.61	16.43	19.53	22.6	33	PASS
N38	30	20	CP-256QAM	H	Outer_Full	15.57	16.54	19.07	22.14	33	PASS
N38	30	30	CP-QPSK	L	Inner_1RB_Left	21.16	21.16	24.17	27.24	33	PASS
N38	30	30	CP-QPSK	L	Inner_1RB_Right	21.73	21.44	24.60	27.67	33	PASS
N38	30	30	CP-QPSK	L	Outer_Full	19.81	19.77	22.80	25.87	33	PASS
N38	30	30	CP-16QAM	L	Inner_1RB_Left	20.77	20.81	23.80	26.87	33	PASS
N38	30	30	CP-16QAM	L	Inner_1RB_Right	21	20.88	23.95	27.02	33	PASS
N38	30	30	CP-16QAM	L	Outer_Full	19.68	19.82	22.76	25.83	33	PASS
N38	30	30	CP-64QAM	L	Inner_1RB_Left	19.27	18.82	22.06	25.13	33	PASS
N38	30	30	CP-64QAM	L	Inner_1RB_Right	19.58	18.93	22.27	25.34	33	PASS
N38	30	30	CP-64QAM	L	Outer_Full	19.21	19.3	22.27	25.34	33	PASS
N38	30	30	CP-256QAM	L	Inner_1RB_Left	16.36	16.4	19.39	22.46	33	PASS
N38	30	30	CP-256QAM	L	Inner_1RB_Right	16.58	16.55	19.58	22.65	33	PASS
N38	30	30	CP-256QAM	L	Outer_Full	16.49	16.55	19.53	22.6	33	PASS
N38	30	30	CP-QPSK	M	Inner_1RB_Left	21.04	21.55	24.31	27.38	33	PASS
N38	30	30	CP-QPSK	M	Inner_1RB_Right	21.6	21.61	24.62	27.69	33	PASS



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N38	30	30	CP-QPSK	M	Outer_Full	19.86	19.89	22.89	25.96	33	PASS
N38	30	30	CP-16QAM	M	Inner_1RB_Left	20.62	20.97	23.81	26.88	33	PASS
N38	30	30	CP-16QAM	M	Inner_1RB_Right	21.05	21.08	24.08	27.15	33	PASS
N38	30	30	CP-16QAM	M	Outer_Full	19.9	19.84	22.88	25.95	33	PASS
N38	30	30	CP-64QAM	M	Inner_1RB_Left	19.04	18.98	22.02	25.09	33	PASS
N38	30	30	CP-64QAM	M	Inner_1RB_Right	19.59	19.06	22.34	25.41	33	PASS
N38	30	30	CP-64QAM	M	Outer_Full	19.45	19.38	22.43	25.5	33	PASS
N38	30	30	CP-256QAM	M	Inner_1RB_Left	16.32	16.59	19.47	22.54	33	PASS
N38	30	30	CP-256QAM	M	Inner_1RB_Right	16.64	16.69	19.68	22.75	33	PASS
N38	30	30	CP-256QAM	M	Outer_Full	16.51	16.57	19.55	22.62	33	PASS
N38	30	30	CP-QPSK	H	Inner_1RB_Left	21.36	21.5	24.44	27.51	33	PASS
N38	30	30	CP-QPSK	H	Inner_1RB_Right	21.61	21.76	24.70	27.77	33	PASS
N38	30	30	CP-QPSK	H	Outer_Full	19.96	19.75	22.87	25.94	33	PASS
N38	30	30	CP-16QAM	H	Inner_1RB_Left	20.92	20.51	23.73	26.8	33	PASS
N38	30	30	CP-16QAM	H	Inner_1RB_Right	20.99	20.94	23.98	27.05	33	PASS
N38	30	30	CP-16QAM	H	Outer_Full	19.97	19.86	22.93	26	33	PASS
N38	30	30	CP-64QAM	H	Inner_1RB_Left	19.36	18.75	22.07	25.14	33	PASS
N38	30	30	CP-64QAM	H	Inner_1RB_Right	19.83	18.98	22.42	25.49	33	PASS
N38	30	30	CP-64QAM	H	Outer_Full	19.54	19.38	22.47	25.54	33	PASS
N38	30	30	CP-256QAM	H	Inner_1RB_Left	16.56	16.36	19.47	22.54	33	PASS
N38	30	30	CP-256QAM	H	Inner_1RB_Right	16.75	16.6	19.69	22.76	33	PASS



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N38	30	30	CP-256QAM	H	Outer_Full	16.68	16.61	19.66	22.73	33	PASS
N38	30	40	CP-QPSK	L	Inner_1RB_Left	21.2	21.15	24.19	27.26	33	PASS
N38	30	40	CP-QPSK	L	Inner_1RB_Right	21.55	21.68	24.63	27.7	33	PASS
N38	30	40	CP-QPSK	L	Outer_Full	19.83	19.89	22.87	25.94	33	PASS
N38	30	40	CP-16QAM	L	Inner_1RB_Left	20.56	20.71	23.65	26.72	33	PASS
N38	30	40	CP-16QAM	L	Inner_1RB_Right	20.83	20.9	23.88	26.95	33	PASS
N38	30	40	CP-16QAM	L	Outer_Full	19.87	19.85	22.87	25.94	33	PASS
N38	30	40	CP-64QAM	L	Inner_1RB_Left	19.27	18.84	22.07	25.14	33	PASS
N38	30	40	CP-64QAM	L	Inner_1RB_Right	19.43	19.06	22.26	25.33	33	PASS
N38	30	40	CP-64QAM	L	Outer_Full	19.33	19.38	22.37	25.44	33	PASS
N38	30	40	CP-256QAM	L	Inner_1RB_Left	16.39	16.42	19.42	22.49	33	PASS
N38	30	40	CP-256QAM	L	Inner_1RB_Right	16.68	16.56	19.63	22.7	33	PASS
N38	30	40	CP-256QAM	L	Outer_Full	16.48	16.63	19.57	22.64	33	PASS
N38	30	40	CP-QPSK	M	Inner_1RB_Left	21.06	21.63	24.36	27.43	33	PASS
N38	30	40	CP-QPSK	M	Inner_1RB_Right	21.5	21.67	24.60	27.67	33	PASS
N38	30	40	CP-QPSK	M	Outer_Full	19.85	19.93	22.90	25.97	33	PASS
N38	30	40	CP-16QAM	M	Inner_1RB_Left	20.32	20.92	23.63	26.7	33	PASS
N38	30	40	CP-16QAM	M	Inner_1RB_Right	21.06	21.14	24.11	27.18	33	PASS
N38	30	40	CP-16QAM	M	Outer_Full	19.86	19.95	22.92	25.99	33	PASS
N38	30	40	CP-64QAM	M	Inner_1RB_Left	19.05	18.95	22.01	25.08	33	PASS
N38	30	40	CP-64QAM	M	Inner_1RB_Right	19.53	19.03	22.29	25.36	33	PASS



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N38	30	40	CP-64QAM	M	Outer_Full	19.38	19.44	22.42	25.49	33	PASS
N38	30	40	CP-256QAM	M	Inner_1RB_Left	16.23	16.52	19.39	22.46	33	PASS
N38	30	40	CP-256QAM	M	Inner_1RB_Right	16.69	16.58	19.65	22.72	33	PASS
N38	30	40	CP-256QAM	M	Outer_Full	16.48	16.64	19.57	22.64	33	PASS
N38	30	40	CP-QPSK	H	Inner_1RB_Left	21.07	21.62	24.36	27.43	33	PASS
N38	30	40	CP-QPSK	H	Inner_1RB_Right	21.64	21.41	24.54	27.61	33	PASS
N38	30	40	CP-QPSK	H	Outer_Full	19.94	19.83	22.90	25.97	33	PASS
N38	30	40	CP-16QAM	H	Inner_1RB_Left	20.5	20.8	23.66	26.73	33	PASS
N38	30	40	CP-16QAM	H	Inner_1RB_Right	21	20.86	23.94	27.01	33	PASS
N38	30	40	CP-16QAM	H	Outer_Full	20.01	19.9	22.97	26.04	33	PASS
N38	30	40	CP-64QAM	H	Inner_1RB_Left	19.1	19.24	22.18	25.25	33	PASS
N38	30	40	CP-64QAM	H	Inner_1RB_Right	19.61	18.98	22.31	25.38	33	PASS
N38	30	40	CP-64QAM	H	Outer_Full	19.49	19.43	22.47	25.54	33	PASS
N38	30	40	CP-256QAM	H	Inner_1RB_Left	16.37	16.57	19.48	22.55	33	PASS
N38	30	40	CP-256QAM	H	Inner_1RB_Right	16.73	16.53	19.64	22.71	33	PASS
N38	30	40	CP-256QAM	H	Outer_Full	16.52	16.59	19.57	22.64	33	PASS



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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N38	30	40	DFT-256QAM	L	Outer_Full	6.20	13	PASS
N38	30	40	CP-256QAM	L	Outer_Full	7.97	13	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	6.26	13	PASS
N38	30	40	CP-256QAM	M	Outer_Full	7.96	13	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	6.31	13	PASS
N38	30	40	CP-256QAM	H	Outer_Full	8.03	13	PASS



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Test Graphs



1-N38-30-40-L-1-NS_01-DFT-256QAM-Outer_Full-1
00@0-19.40-19.40-19~27.5-PASS



1-N38-30-40-L-2-NS_01-CP-256QAM-Outer_Full-10
6@0-18.36-18.36-19~27.5-PASS



1-N38-30-40-M-1-NS_01-DFT-256QAM-Outer_Full-1
00@0-19.45-19.45-19~27.5-PASS



1-N38-30-40-M-2-NS_01-CP-256QAM-Outer_Full-1
06@0-18.43-18.43-19~27.5-PASS



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1-N38-30-40-H-1-NS_01-DFT-256QAM-Outer_Full-1
00@0-19.51-19.51-19~27.5-PASS



1-N38-30-40-H-2-NS_01-CP-256QAM-Outer_Full-10
6@0-18.50-18.50-19~27.5-PASS



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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N38	30	10	DFT-QPSK	M	Outer_Full	8.587	9.560	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	8.566	9.660	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	8.58	9.800	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	8.565	9.860	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	8.605	9.500	PASS
N38	30	10	CP-QPSK	M	Outer_Full	8.607	9.560	PASS
N38	30	10	CP-16QAM	M	Outer_Full	8.57	9.540	PASS
N38	30	10	CP-64QAM	M	Outer_Full	8.577	9.420	PASS
N38	30	10	CP-256QAM	M	Outer_Full	8.583	9.340	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	12.925	14.280	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	12.917	14.370	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	12.896	14.400	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	12.925	13.980	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	12.952	14.280	PASS
N38	30	15	CP-QPSK	M	Outer_Full	13.575	15.000	PASS
N38	30	15	CP-16QAM	M	Outer_Full	13.653	15.000	PASS
N38	30	15	CP-64QAM	M	Outer_Full	13.624	14.910	PASS
N38	30	15	CP-256QAM	M	Outer_Full	13.574	14.940	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	17.874	19.120	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	17.866	19.360	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	17.916	19.920	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	17.861	19.400	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	17.789	19.400	PASS
N38	30	20	CP-QPSK	M	Outer_Full	18.278	20.000	PASS
N38	30	20	CP-16QAM	M	Outer_Full	18.282	19.320	PASS
N38	30	20	CP-64QAM	M	Outer_Full	18.227	19.800	PASS
N38	30	20	CP-256QAM	M	Outer_Full	18.247	19.840	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	26.731	28.200	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	26.762	28.200	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	26.834	28.440	PASS
N38	30	30	DFT-64QAM	M	Outer_Full	26.785	27.960	PASS



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N38	30	30	DFT-256QAM	M	Outer_Full	26.941	28.260	PASS
N38	30	30	CP-QPSK	M	Outer_Full	27.877	29.100	PASS
N38	30	30	CP-16QAM	M	Outer_Full	27.82	30.180	PASS
N38	30	30	CP-64QAM	M	Outer_Full	27.775	29.160	PASS
N38	30	30	CP-256QAM	M	Outer_Full	27.882	29.520	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	35.962	38.480	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	35.959	38.320	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	35.925	38.400	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	35.98	38.720	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	35.952	38.560	PASS
N38	30	40	CP-QPSK	M	Outer_Full	38.105	40.720	PASS
N38	30	40	CP-16QAM	M	Outer_Full	38.149	40.640	PASS
N38	30	40	CP-64QAM	M	Outer_Full	38.053	40.560	PASS
N38	30	40	CP-256QAM	M	Outer_Full	38.069	41.440	PASS



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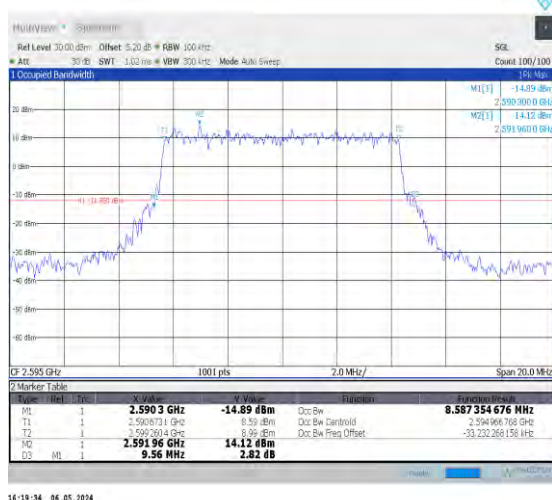
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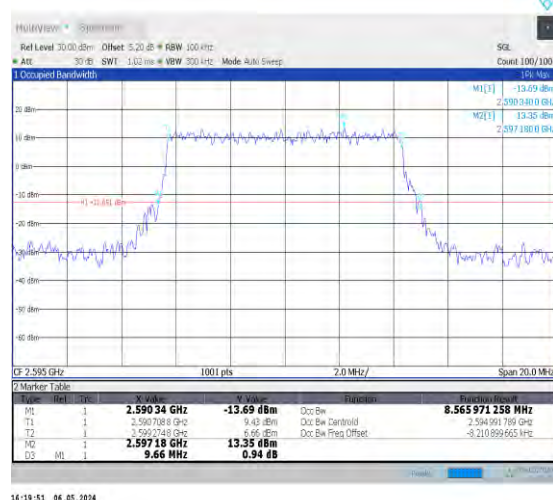
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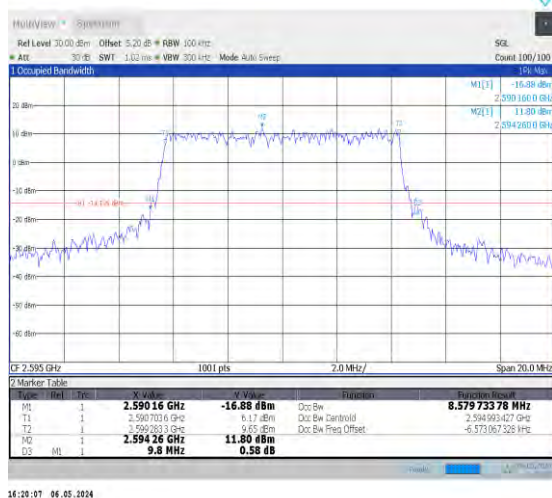
Test Graphs



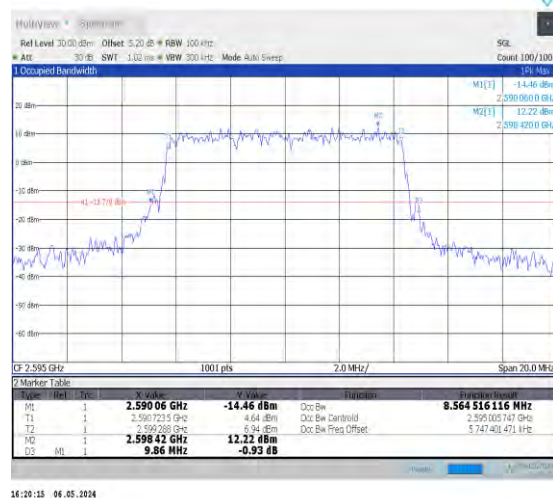
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-8.587-9.560-≤10-PASS



1-N38-30-10-M-2-DFT-PI2BPSK-Outer_Full-24@0-Ant0
-8.566-9.660-≤10-PASS



1-N38-30-10-M-3-DFT-16QAM-Outer_Full-24@0-Ant0
0-8.58-9.800-≤10-PASS



1-N38-30-10-M-4-DFT-64QAM-Outer_Full-24@0-Ant0
0-8.565-9.860-≤10-PASS



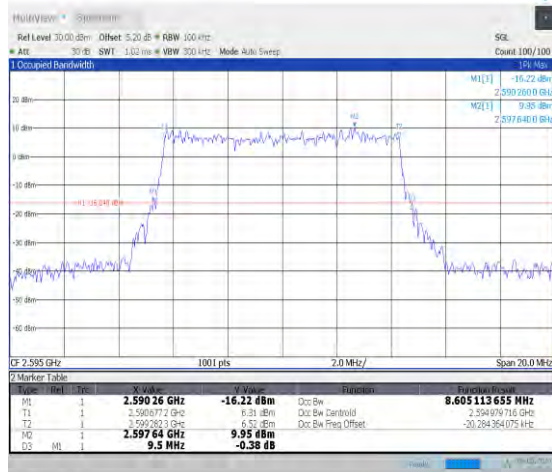
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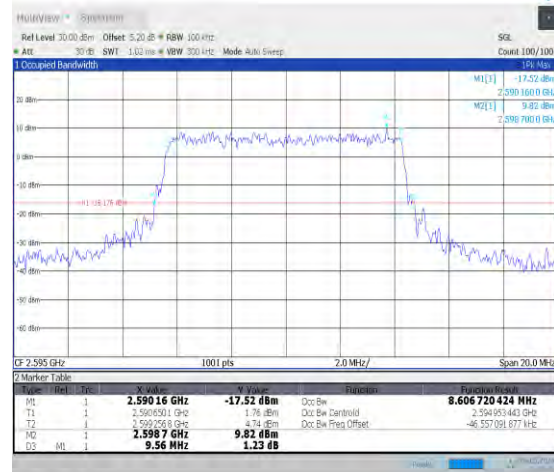
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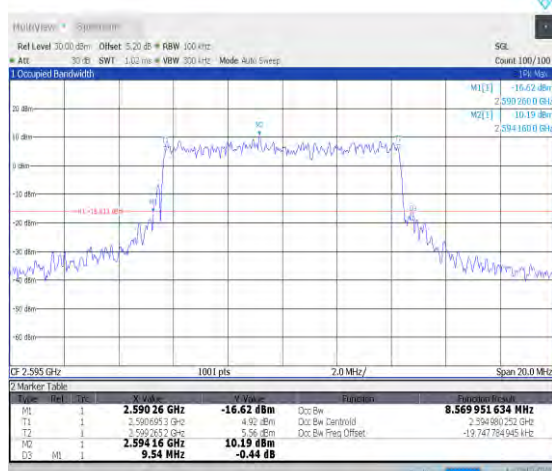
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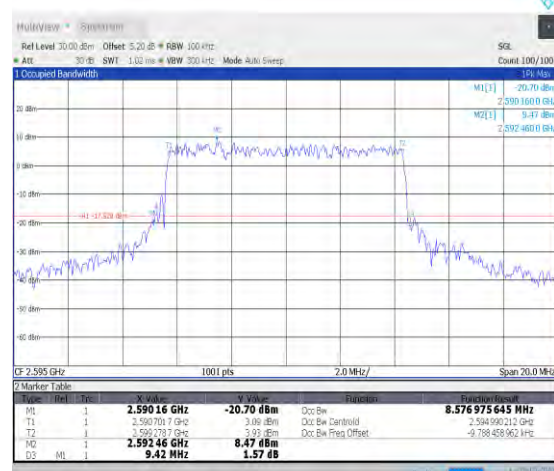
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1-N38-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant0-
8.607-9.560-≤10-PASS



14:20:43 06.05.2024

1-N38-30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant
0-8.57-9.540-≤10-PASS



14:20:51 06.05.2024

1-N38-30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant0-
-8.577-9.420-≤10-PASS



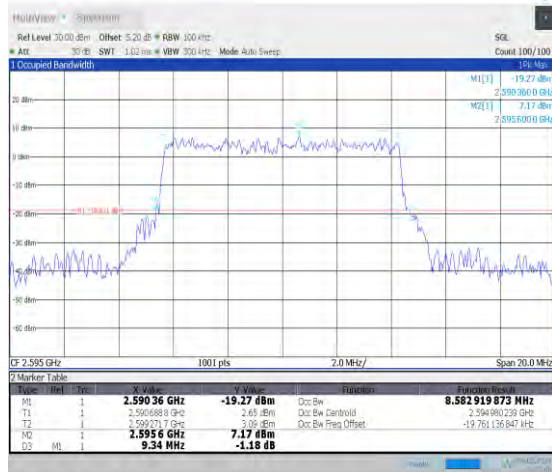
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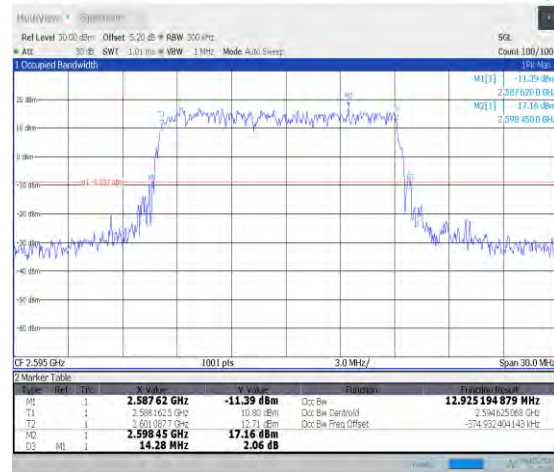
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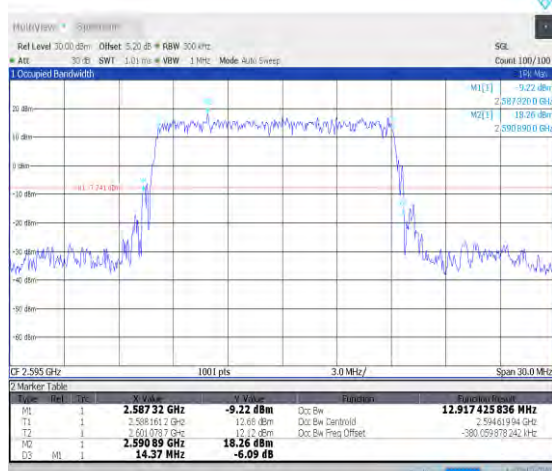
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1-N38-30-10-M-9-CP-256QAM-Outer_Full-24@0-An
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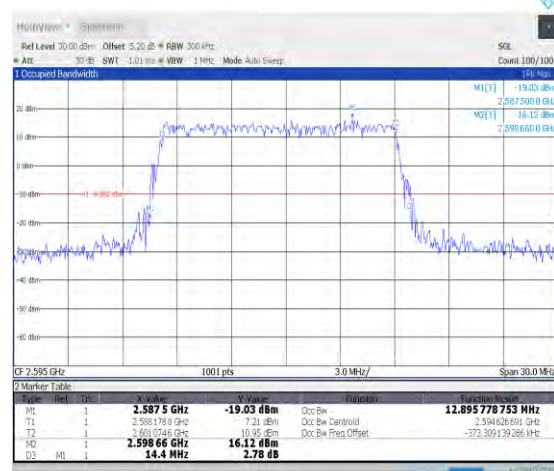
14:22:02 06.05.2024

1-N38-30-15-M-1-DFT-QPSK-Outer_Full-36@0-Ant0
-12.925-14.280-≤15-PASS



14:22:20 06.05.2024

1-N38-30-15-M-2-DFT-PI2BPSK-Outer_Full-36@0-A
nt0-12.917-14.370-≤15-PASS



14:22:36 06.05.2024

1-N38-30-15-M-3-DFT-16QAM-Outer_Full-36@0-Ant
0-12.896-14.400-≤15-PASS



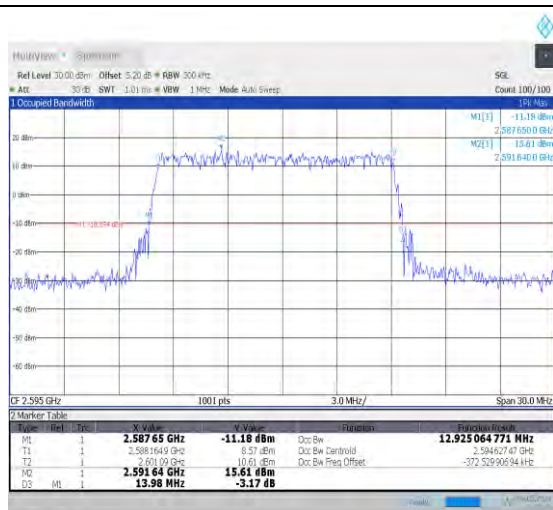
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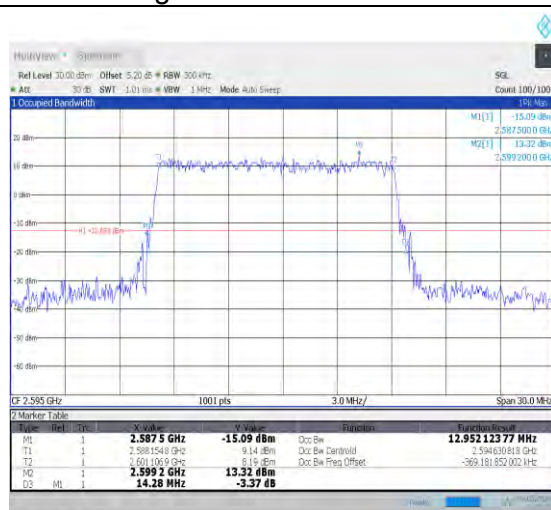
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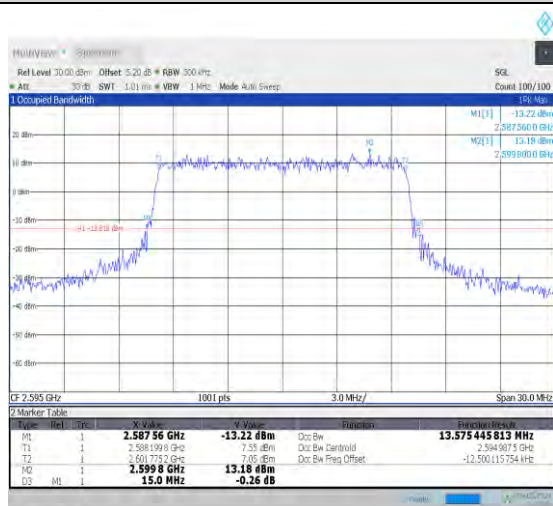
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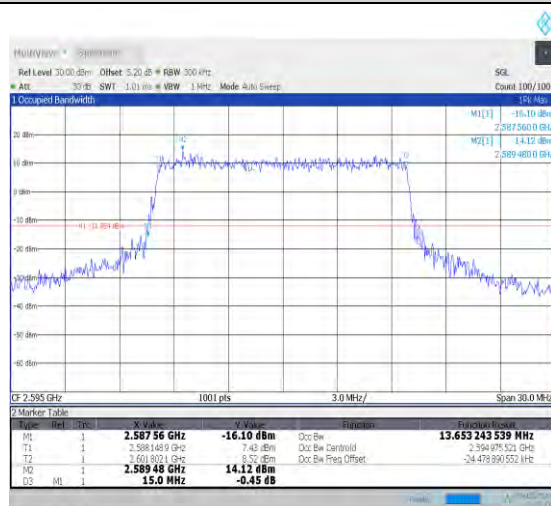
14:22:53 06.05.2024

1-N38-30-15-M-4-DFT-64QAM-Outer_Full-36@0-Ant
0-12.925-13.980≤15-PASS

1-N38-30-15-M-5-DFT-256QAM-Outer_Full-36@0-A
nt0-12.952-14.280≤15-PASS



14:23:04 06.05.2024



14:23:12 06.05.2024

1-N38-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant0-
13.575-15.000≤15-PASS

1-N38-30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant0
-13.653-15.000≤15-PASS



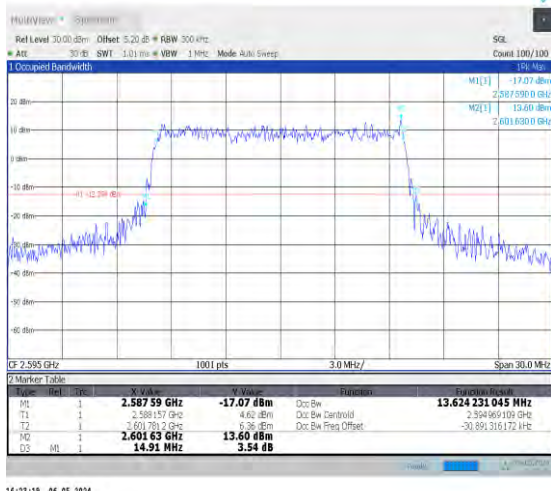
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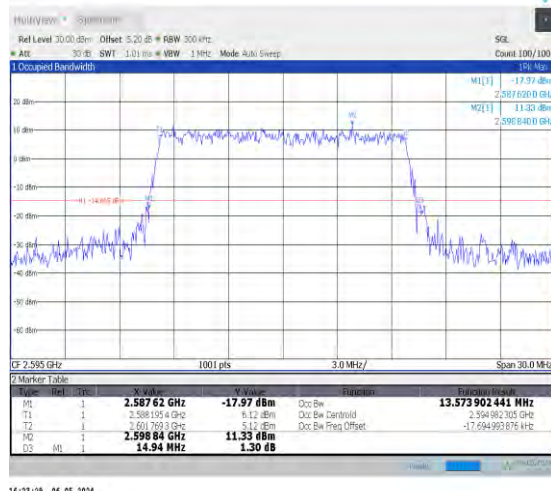
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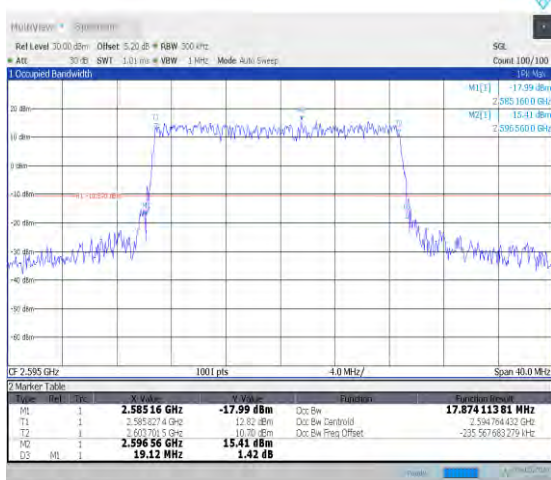
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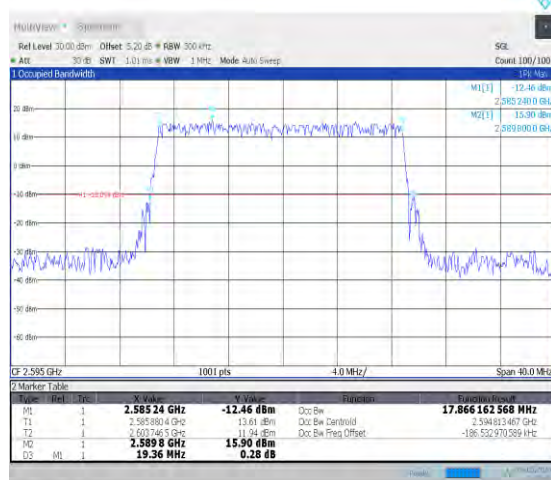
14:13:19 06.05.2024

1-N38-30-15-M-8-CP-64QAM-Outer_Full-38@0-Ant
0-13.624-14.910-≤15-PASS

1-N38-30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant
0-13.574-14.940-≤15-PASS



14:14:34 06.05.2024



14:14:50 06.05.2024

1-N38-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant0
-17.874-19.120-≤20-PASS

1-N38-30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-A
nt0-17.866-19.360-≤20-PASS



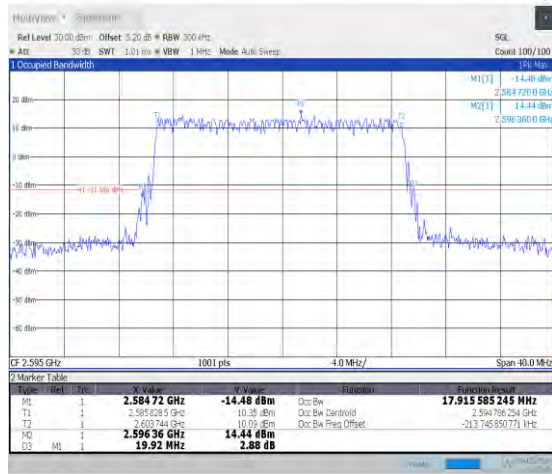
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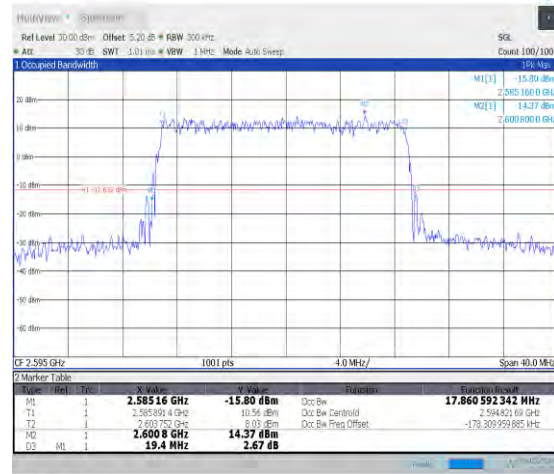
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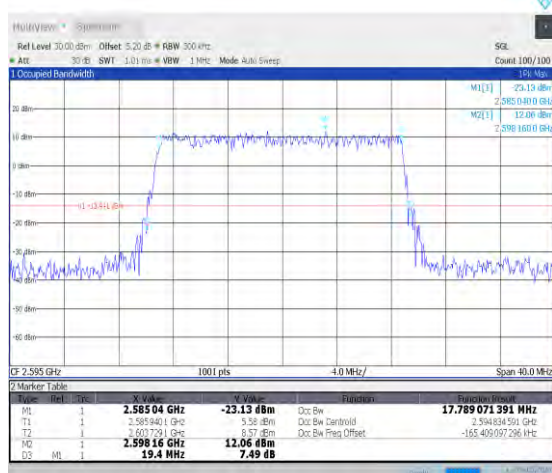
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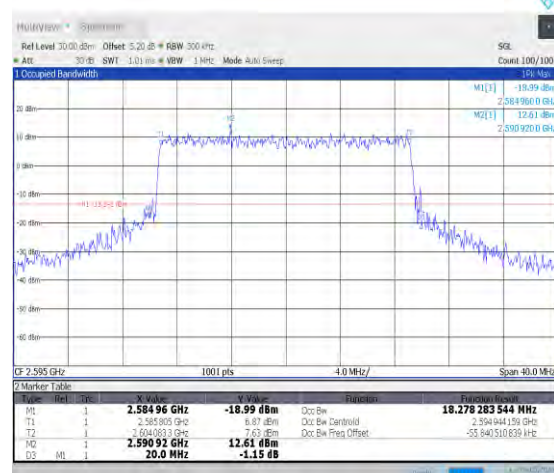
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1-N38-30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant
0-17.861-19.400-≤20-PASS



14:28:18 06.05.2024

1-N38-30-20-M-5-DFT-256QAM-Outer_Full-50@0-A
nt0-17.789-19.400-≤20-PASS



14:28:18 06.05.2024

1-N38-30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant0-
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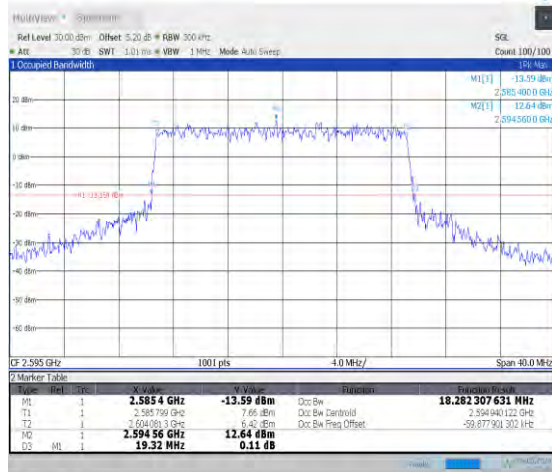
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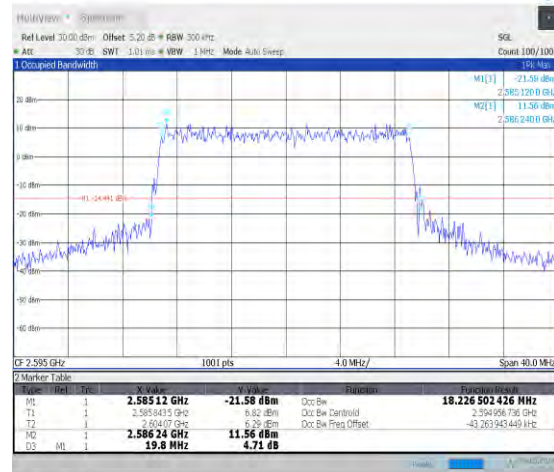
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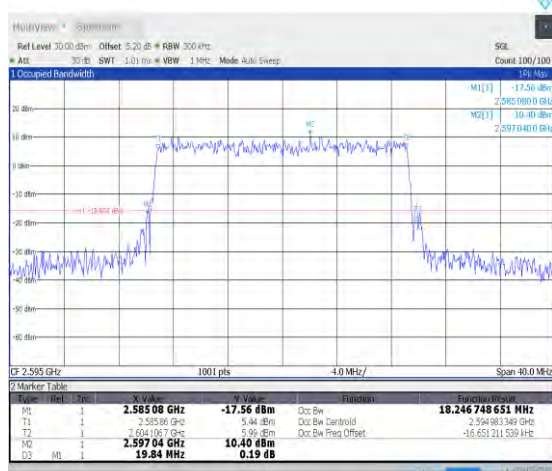
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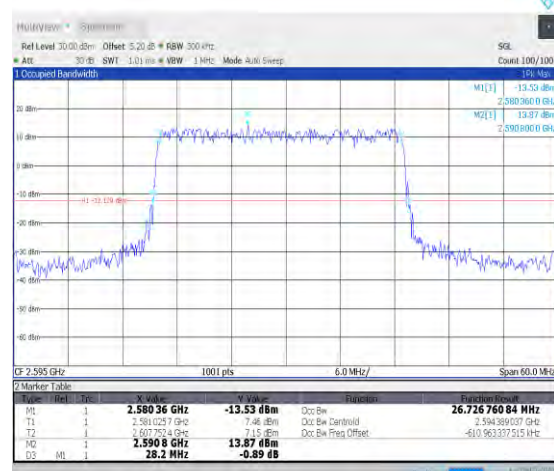
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0-18.282-19.320-≤20-PASS

1-N38-30-20-M-8-CP-64QAM-Outer_Full-51@0-Ant0
-18.227-19.800-≤20-PASS



14:26:52 06.05.2024



14:27:52 06.05.2024

1-N38-30-20-M-9-CP-256QAM-Outer_Full-51@0-An
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1-N38-30-30-M-1-DFT-QPSK-Outer_Full-75@0-Ant0
-26.731-28.200-≤30-PASS



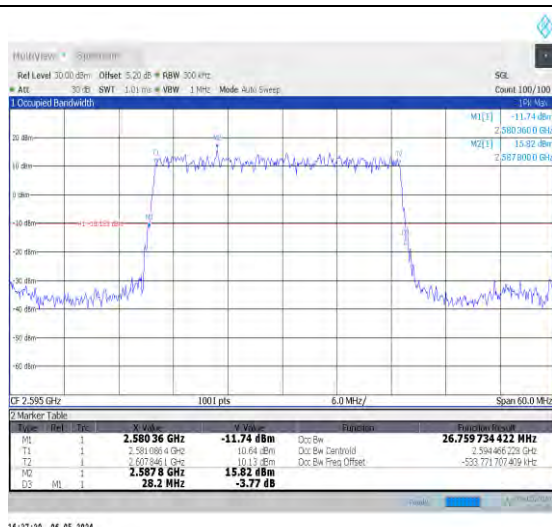
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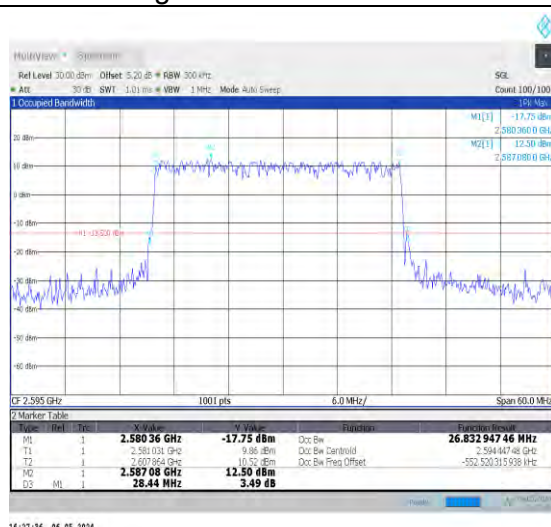
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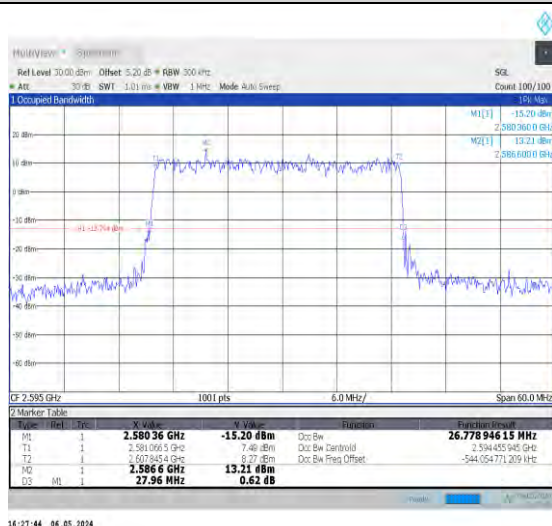
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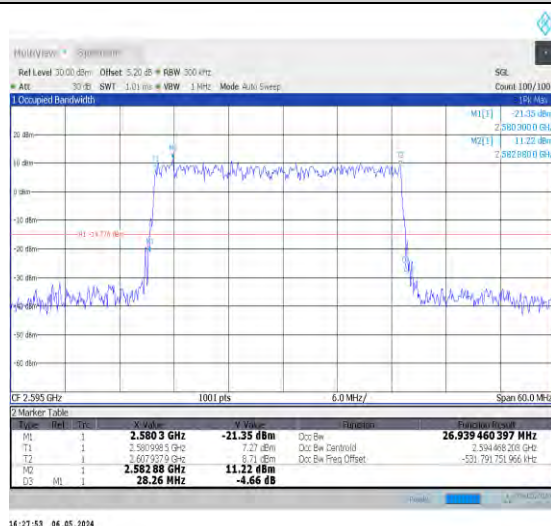
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1-N38-30-30-M-3-DFT-16QAM-Outer_Full-75@0-Ant
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14:27:44 06.05.2024

1-N38-30-30-M-4-DFT-64QAM-Outer_Full-75@0-Ant
0-26.785-27.960-≤30-PASS



14:27:53 06.05.2024

1-N38-30-30-M-5-DFT-256QAM-Outer_Full-75@0-A
nt0-26.941-28.260-≤30-PASS



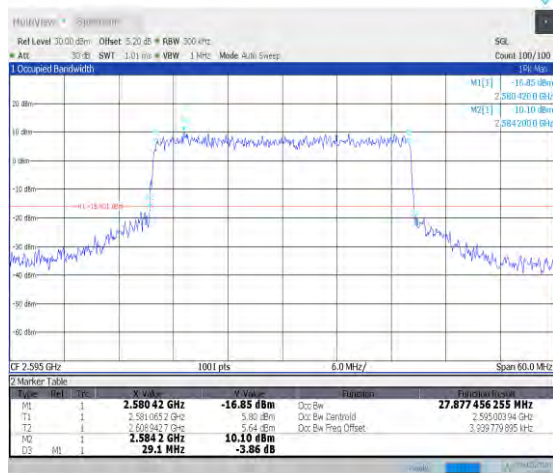
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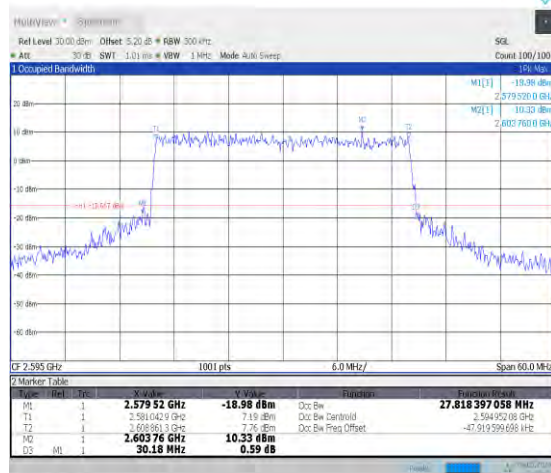
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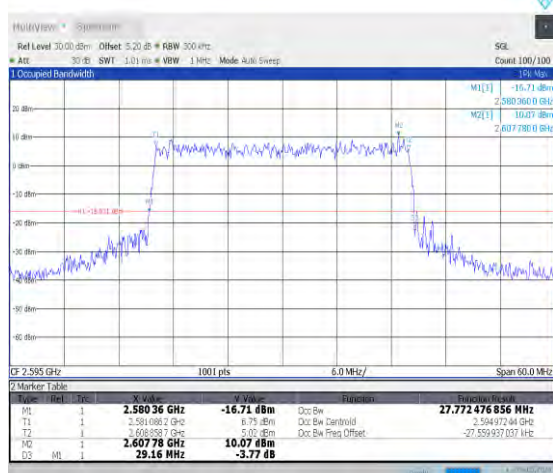
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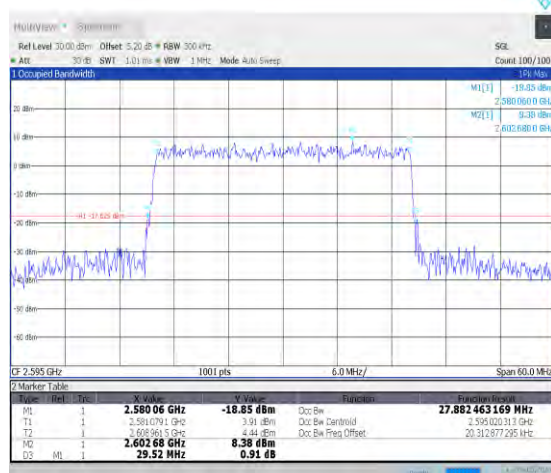
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1-N38-30-30-M-7-CP-16QAM-Outet_Full-78@0-Ant0-27.82-30.180-≤30-PASS



14:28:19 06.05.2024

1-N38-30-30-M-8-CP-64QAM-Outet_Full-78@0-Ant0-0-27.775-29.160-≤30-PASS



14:28:29 06.05.2024

1-N38-30-30-M-9-CP-256QAM-Outet_Full-78@0-Ant0-0-27.882-29.520-≤30-PASS



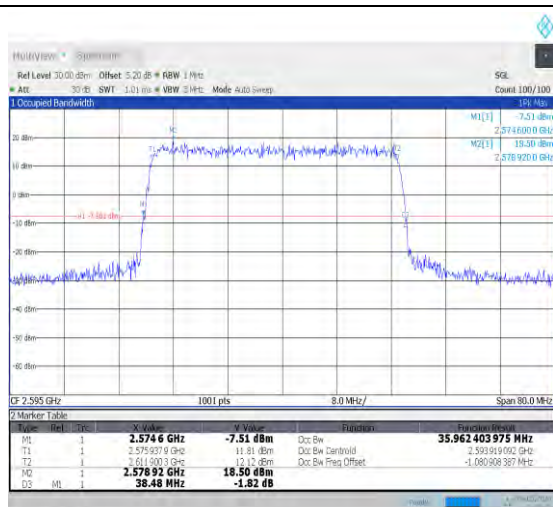
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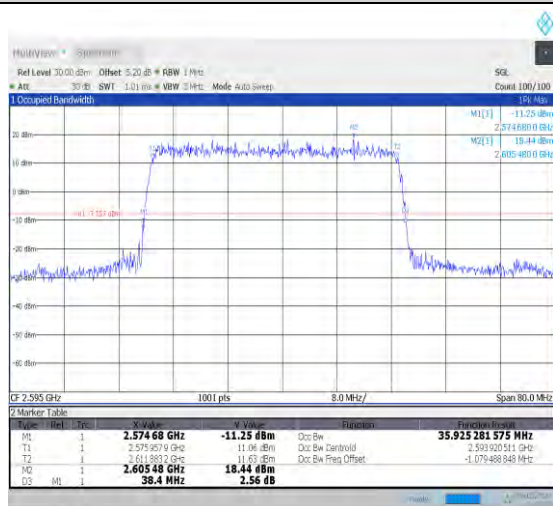
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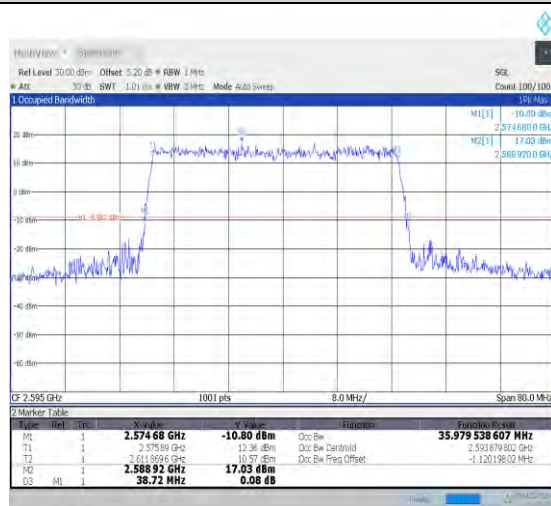
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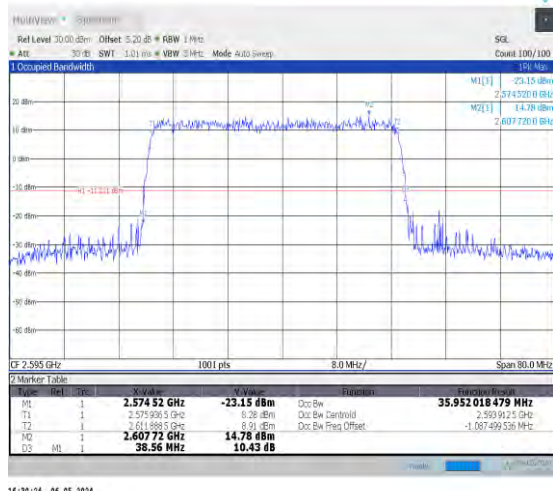
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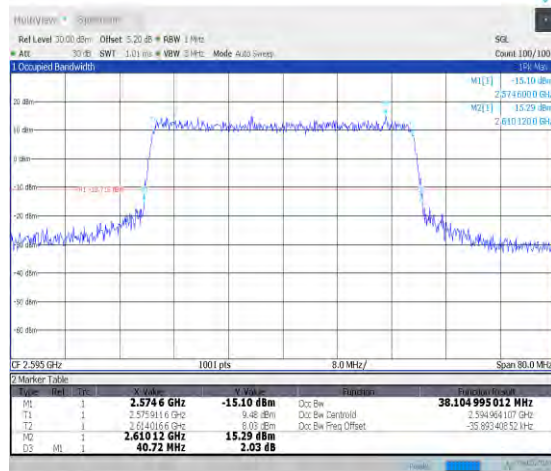
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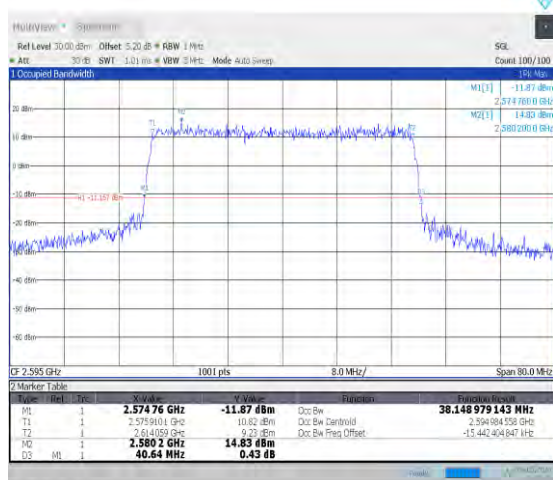
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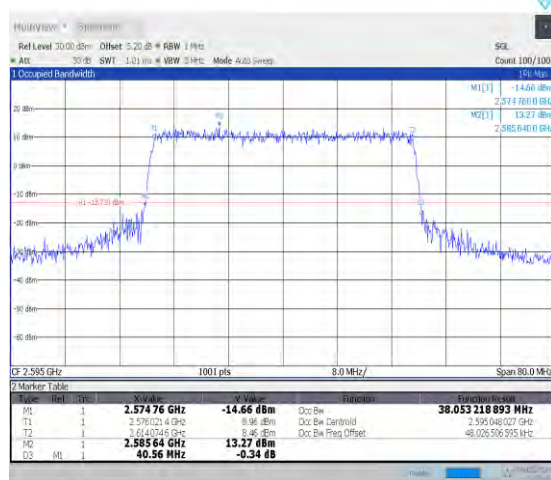
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14:30:50 06.05.2024

1-N38-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant0-38.053-40.560-≤40-PASS



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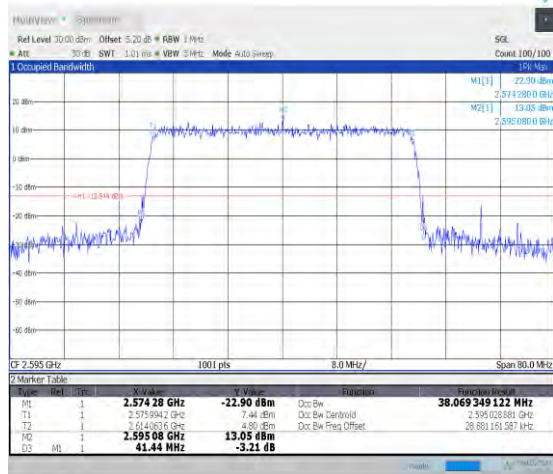
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1-N38-30-40-M-9-CP-256QAM-Outer_Full-106@0-A
nt0-38.069-41.440-≤40-PASS



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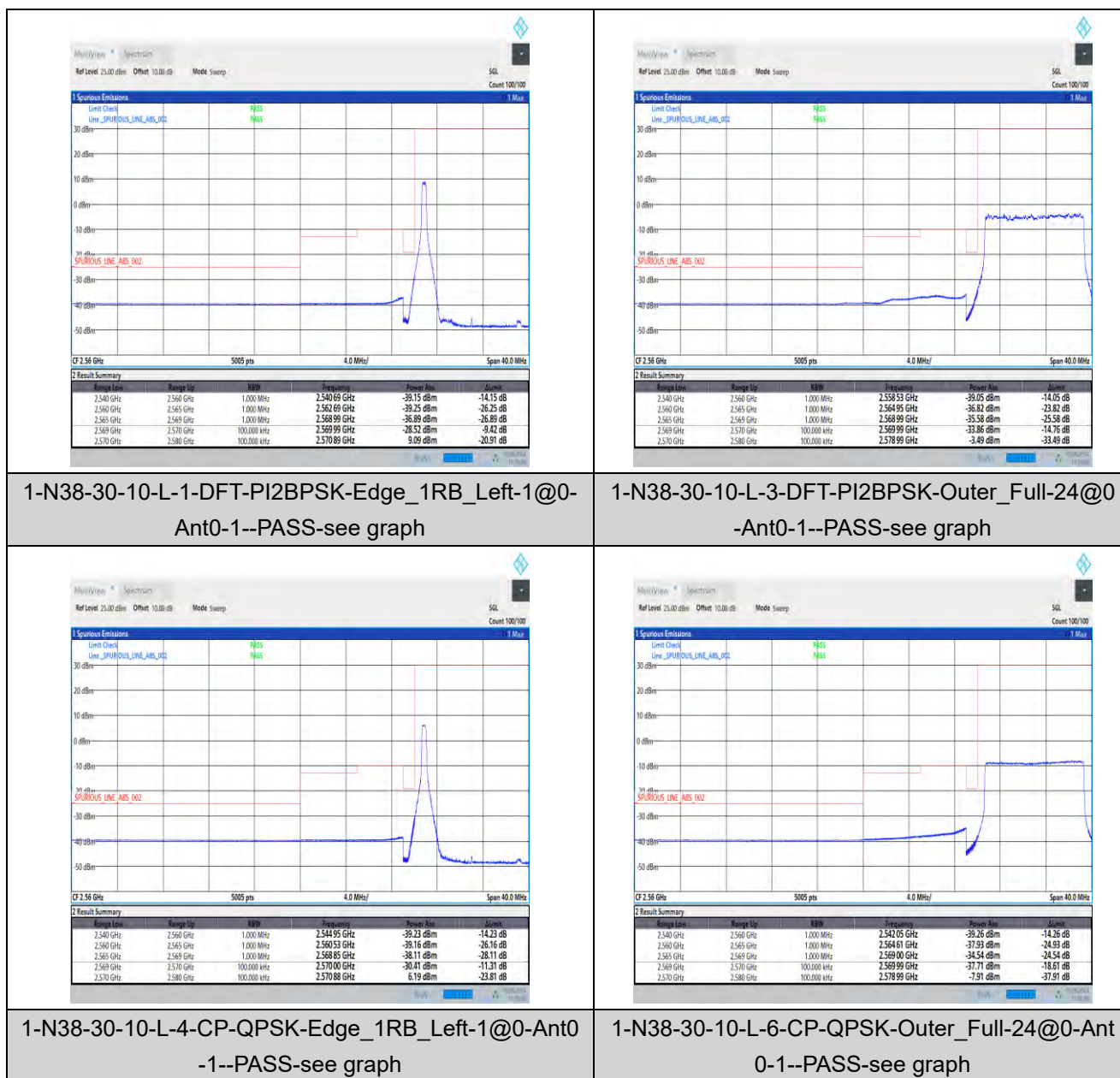
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Band Edge for SA

Test Graphs



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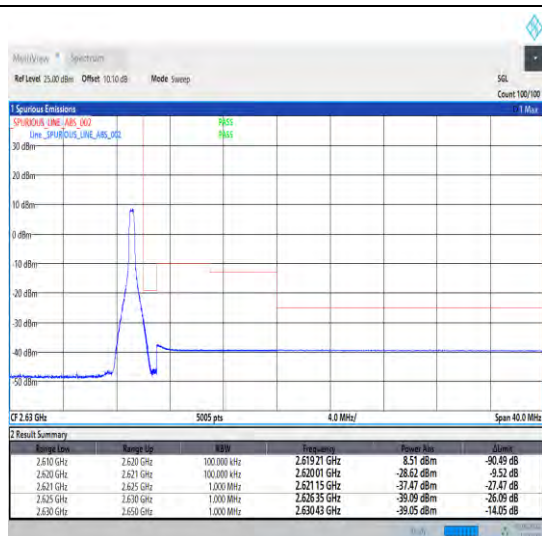
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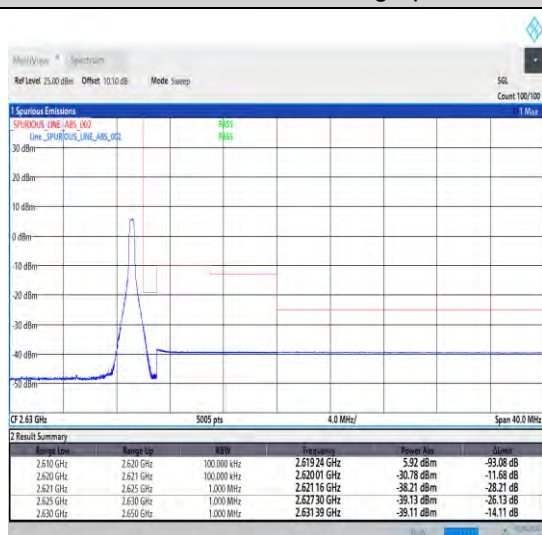
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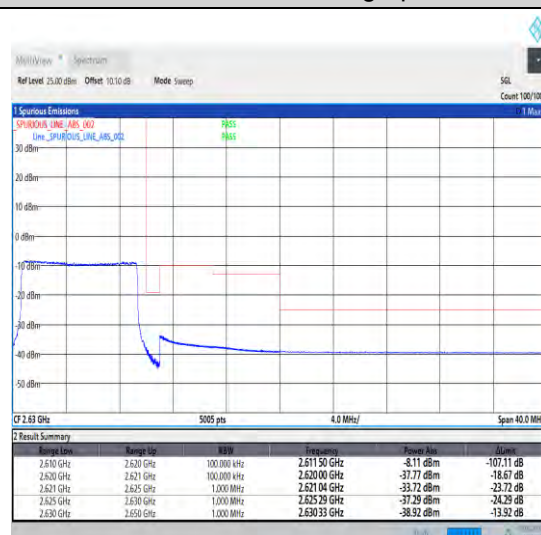
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1-N38-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant0-1--PASS-see graph



1-N38-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant0-1--PASS-see graph



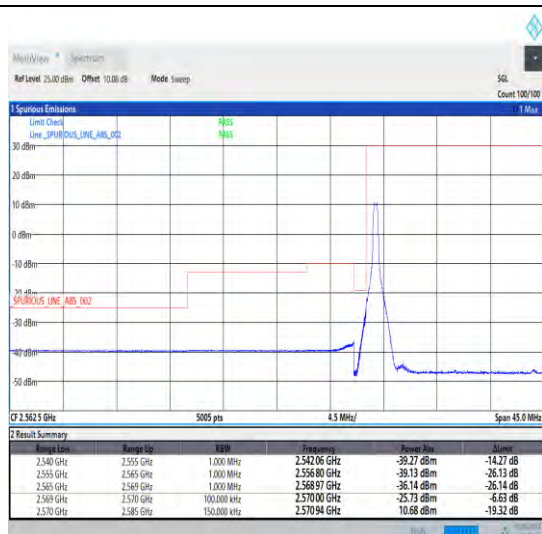
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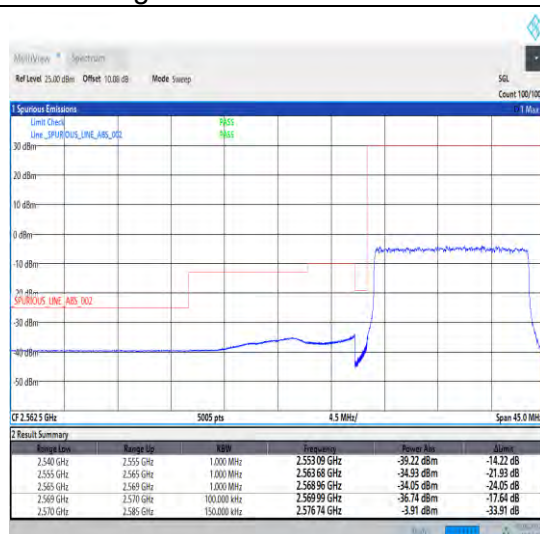
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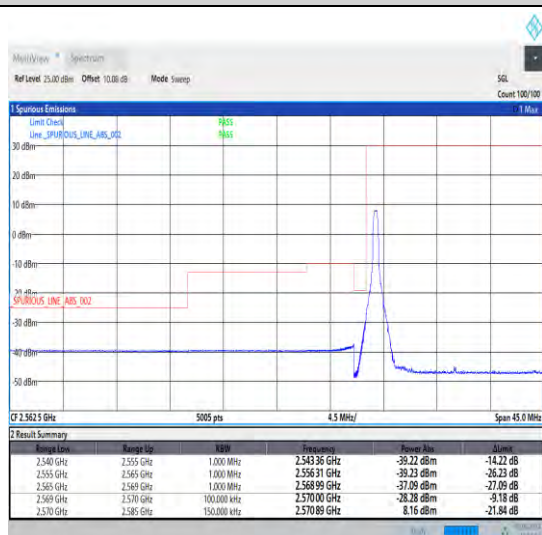
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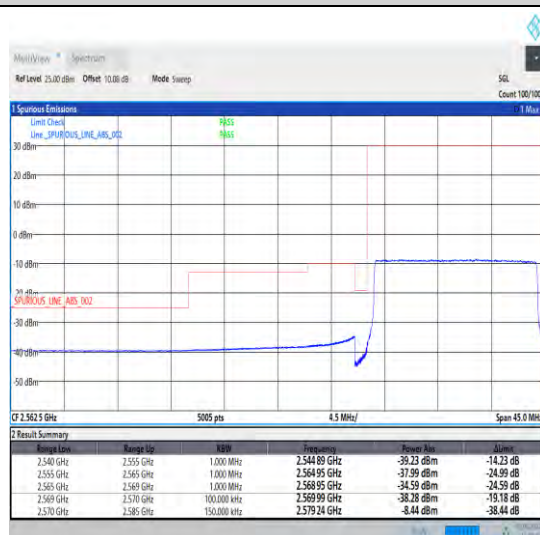
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1-N38-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N38-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant0-1--PASS-see graph



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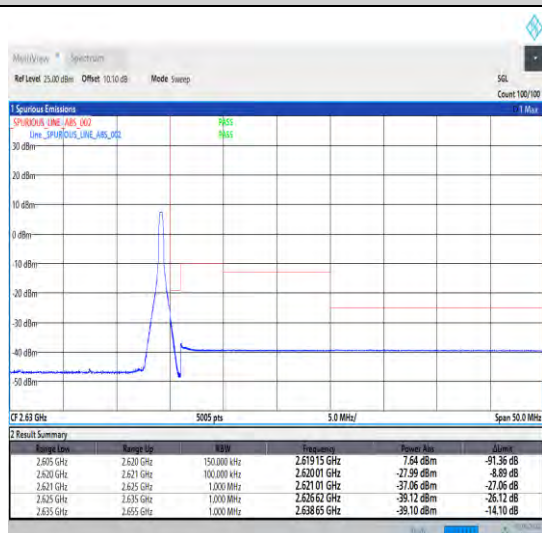
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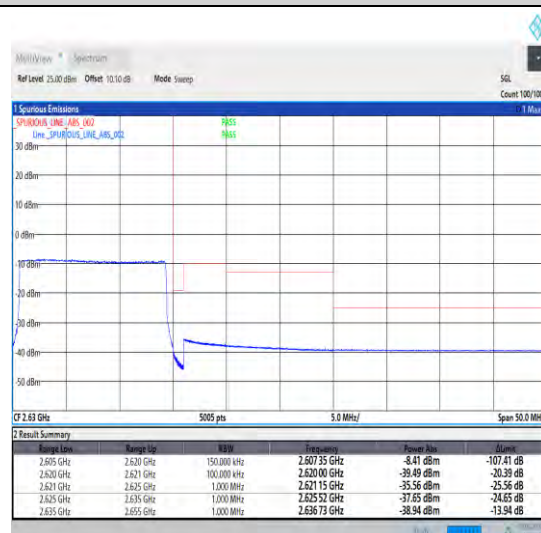
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1-N38-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant0-1--PASS-see graph



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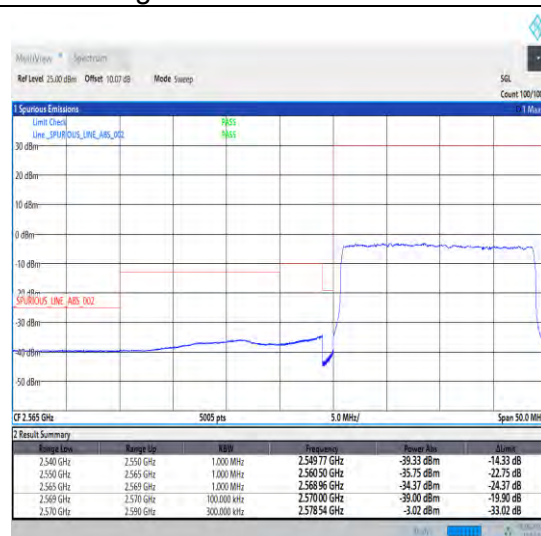
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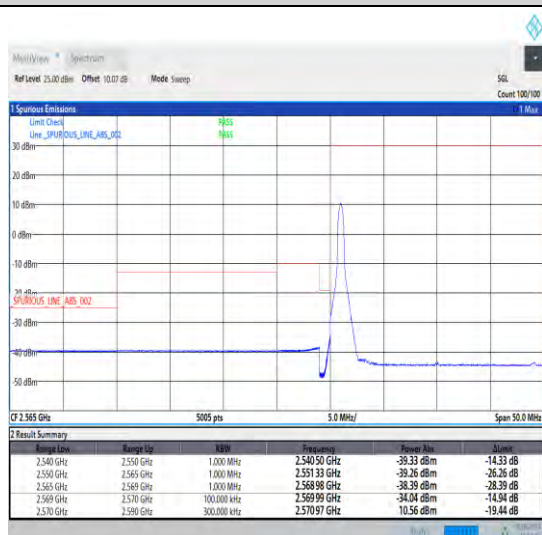
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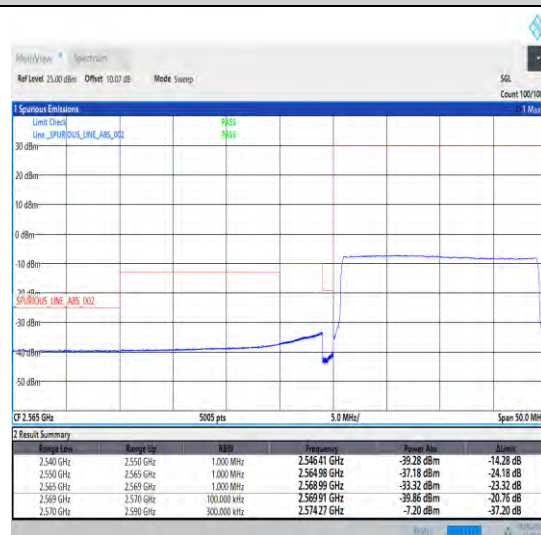
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1-N38-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N38-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant0-1--PASS-see graph



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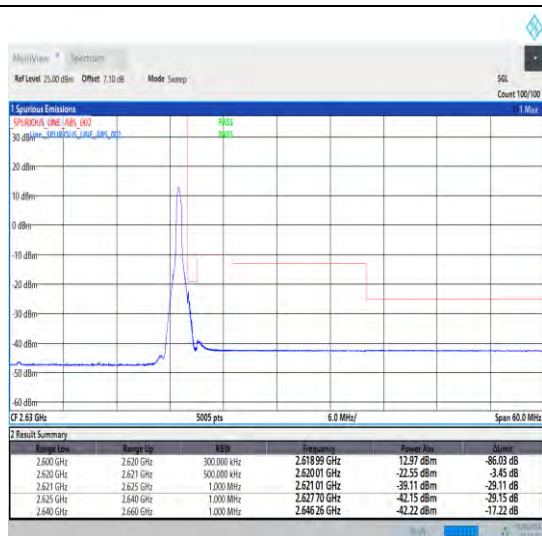
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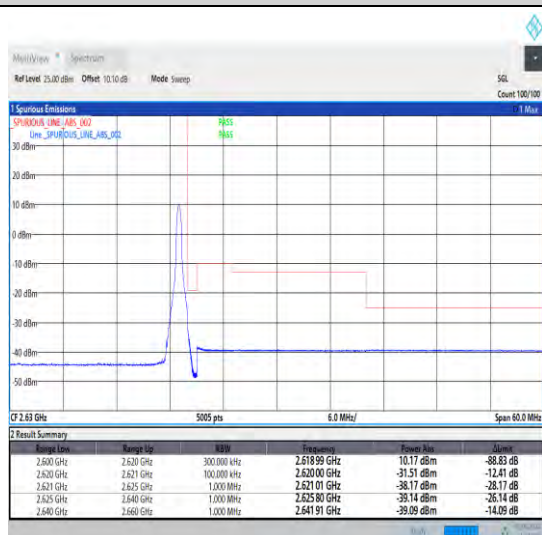
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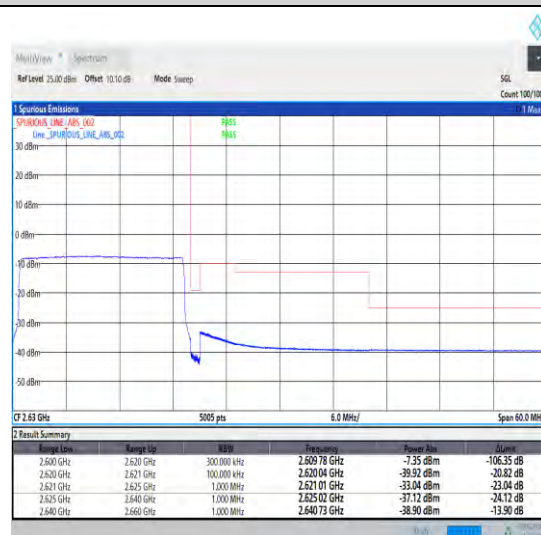
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1-N38-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant0-1--PASS-see graph



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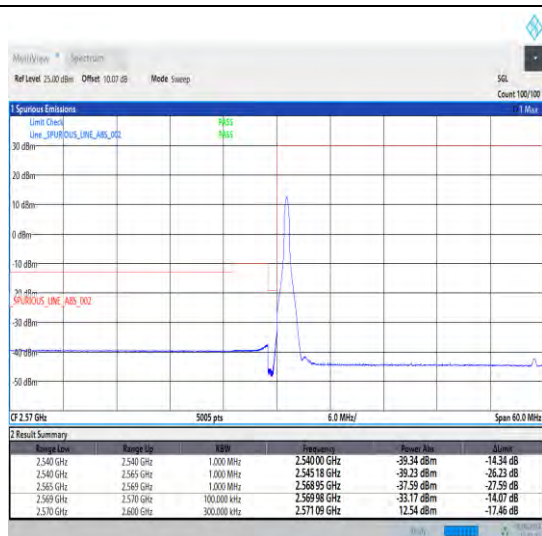
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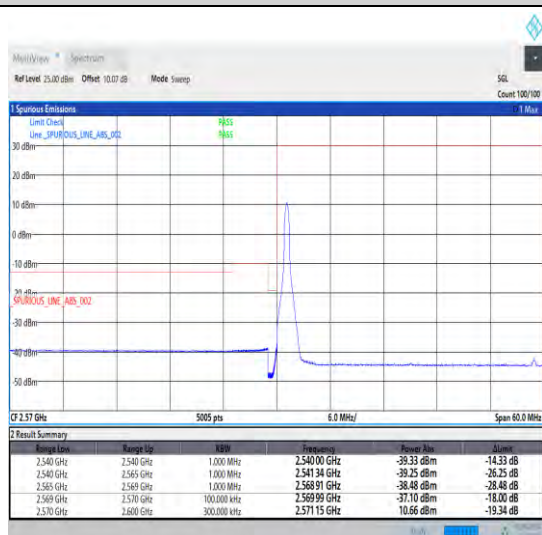
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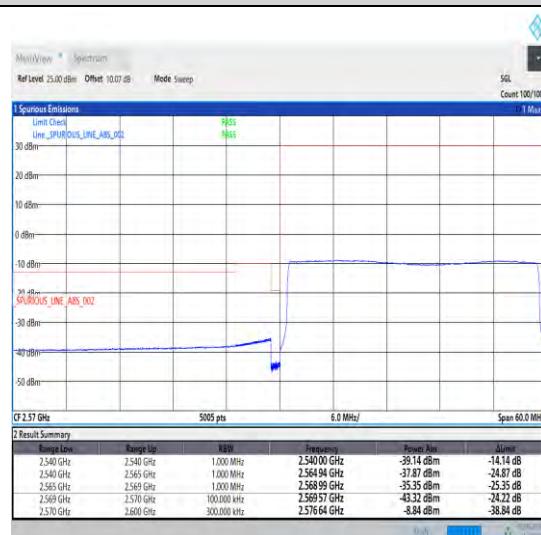
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1-N38-30-30-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant0-1--PASS-see graph



1-N38-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N38-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant0-1--PASS-see graph



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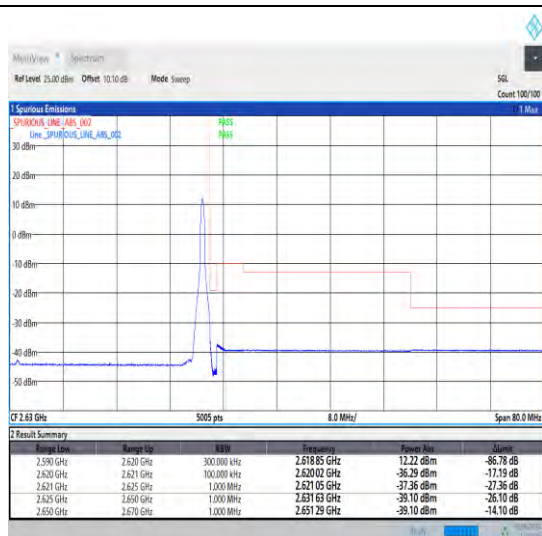
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Report No.: SUCR240400008902

Rev.: 01

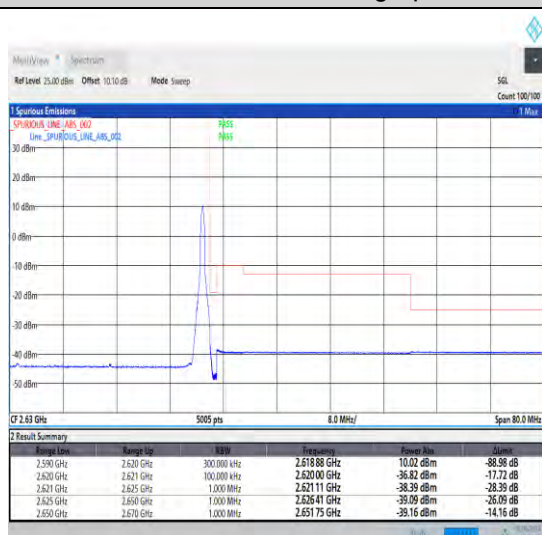
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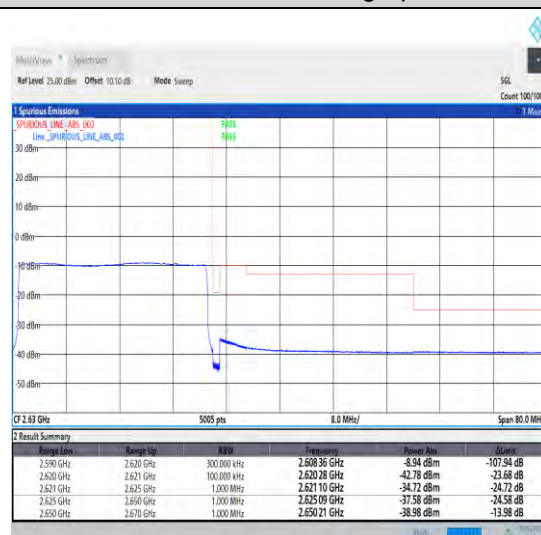
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1-N38-30-30-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant0-1--PASS-see graph



1-N38-30-30-H-5-CP-QPSK-Edge_1RB_Right-1@77-Ant0-1--PASS-see graph



1-N38-30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant0-1--PASS-see graph



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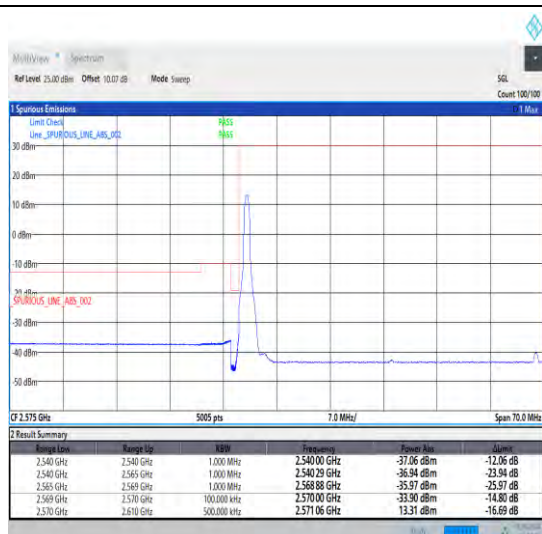
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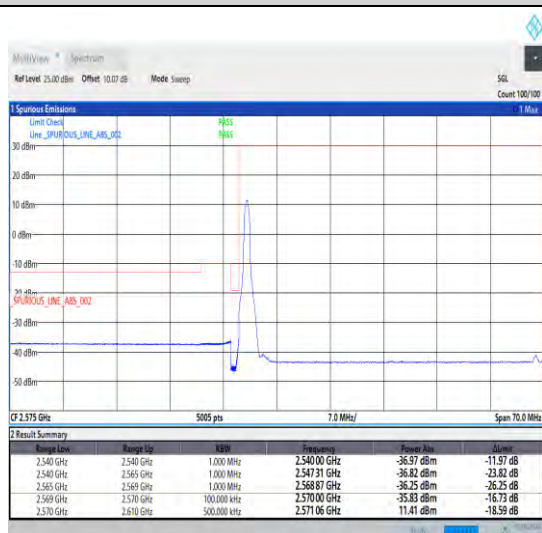
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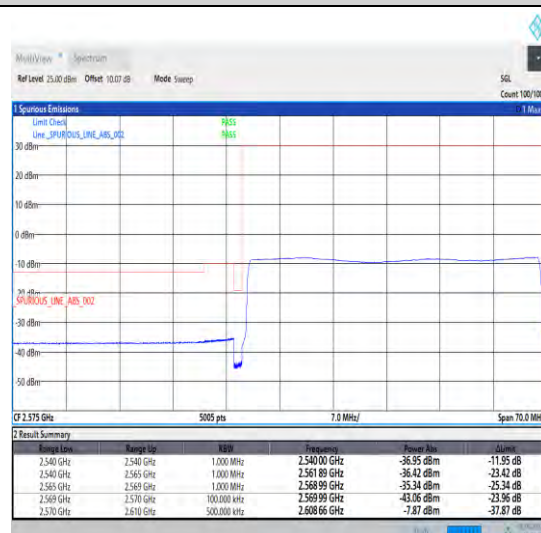
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1-N38-30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant0-1--PASS-see graph



1-N38-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N38-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



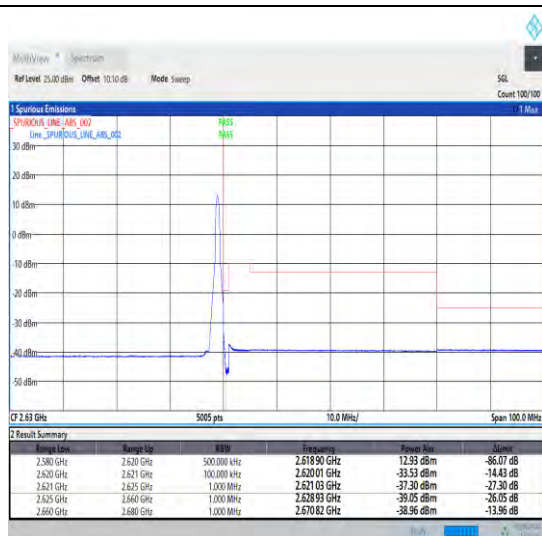
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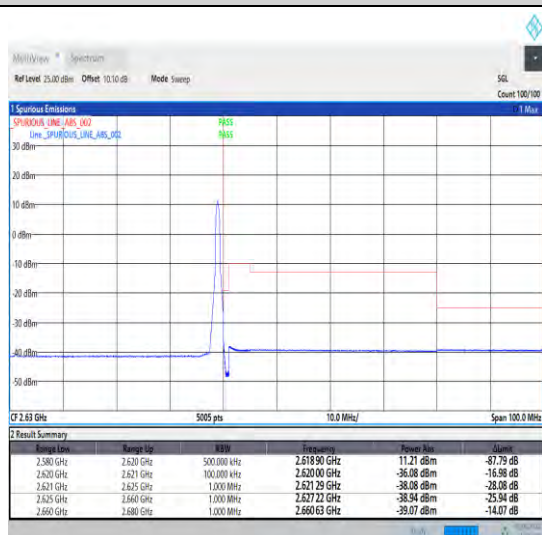
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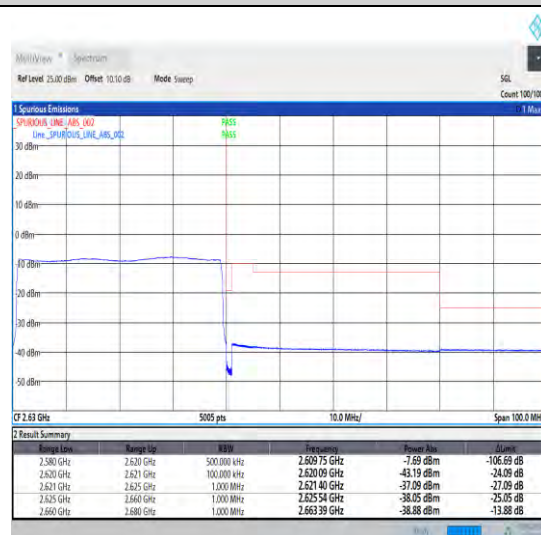
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1-N38-30-40-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant0-1--PASS-see graph



1-N38-30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant0-1--PASS-see graph



1-N38-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



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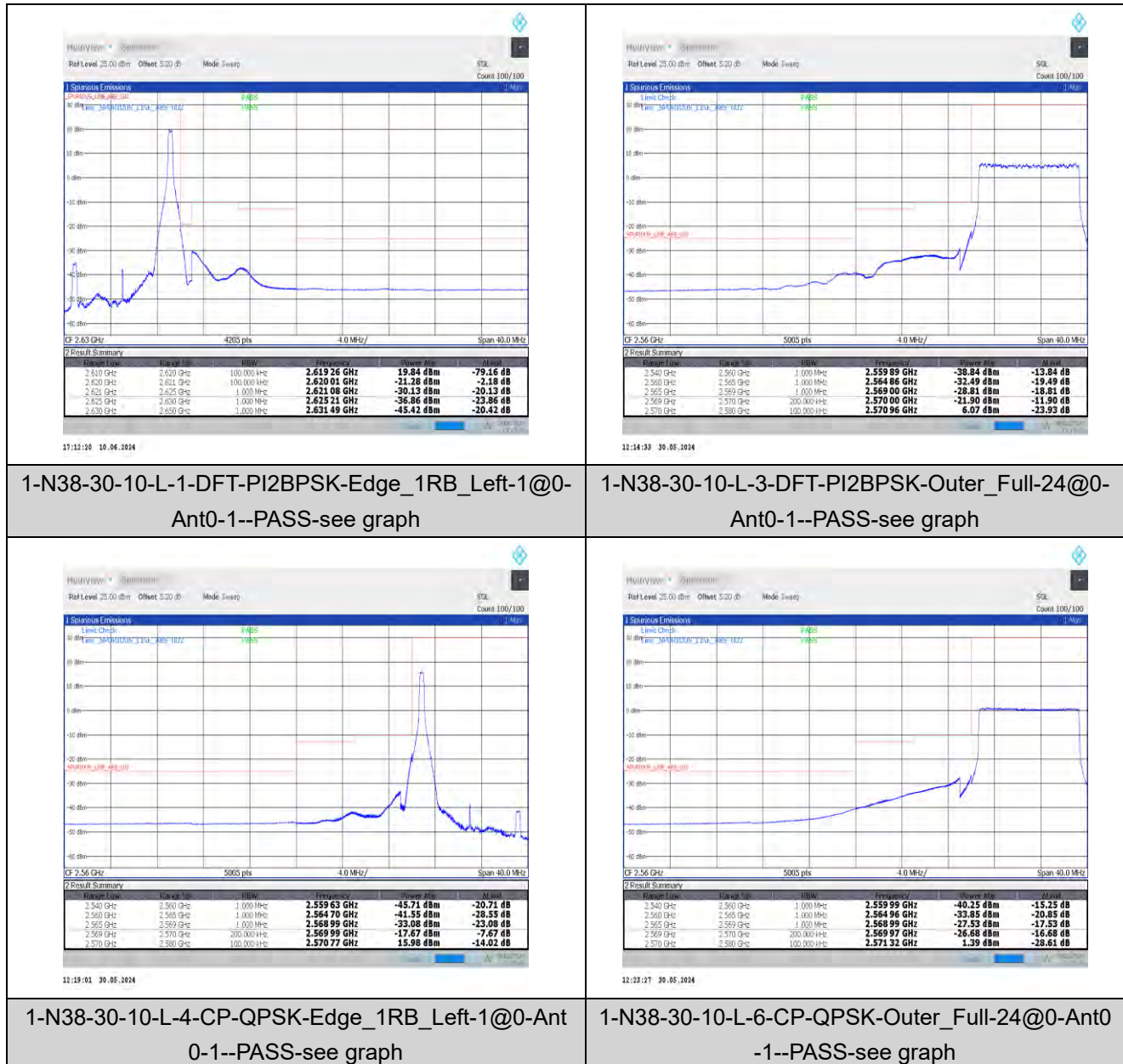
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Band Edge for MIMO

Test Graphs



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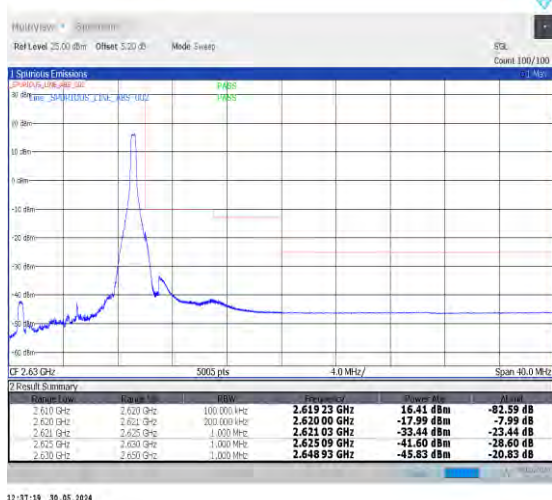
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1-N38-30-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@23-Ant0-1--PASS-see graph

1-N38-30-10-H-3-DFT-PI2BPSK-Outer_Full-24@0-Ant0-1--PASS-see graph



1-N38-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant0-1--PASS-see graph

1-N38-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant0-1--PASS-see graph



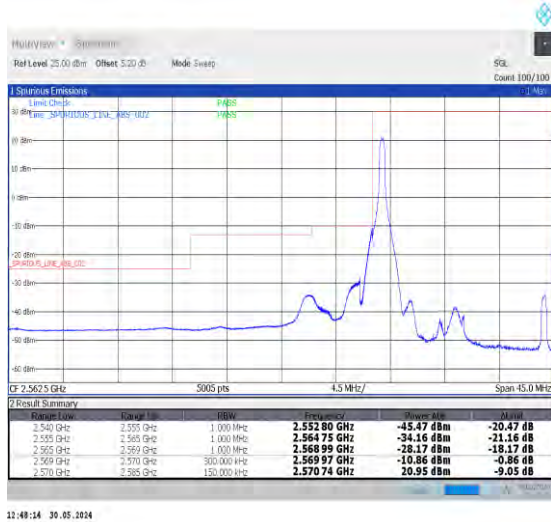
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1-N38-30-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



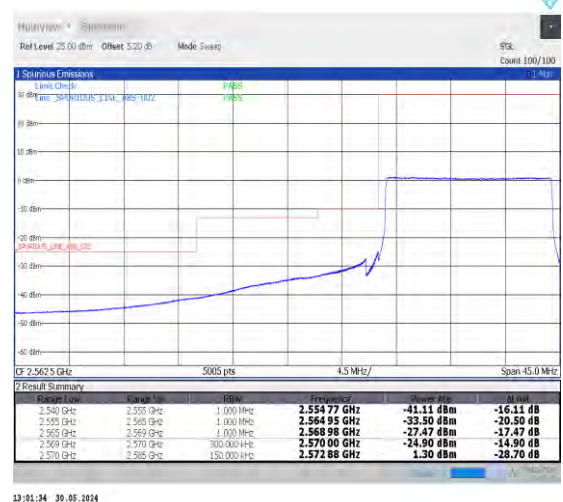
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1-N38-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



13:01:34 30.05.2024

1-N38-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant0-1--PASS-see graph



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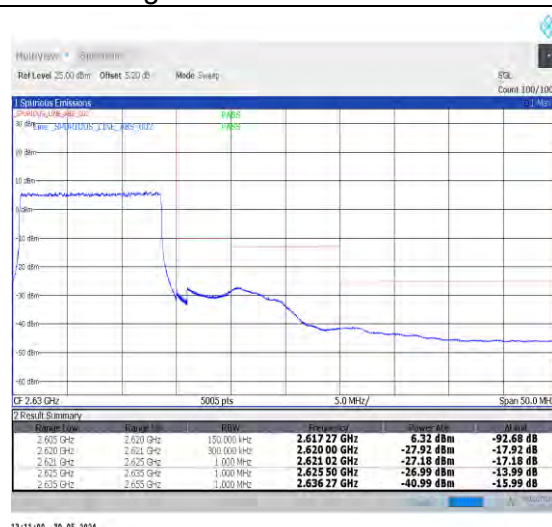
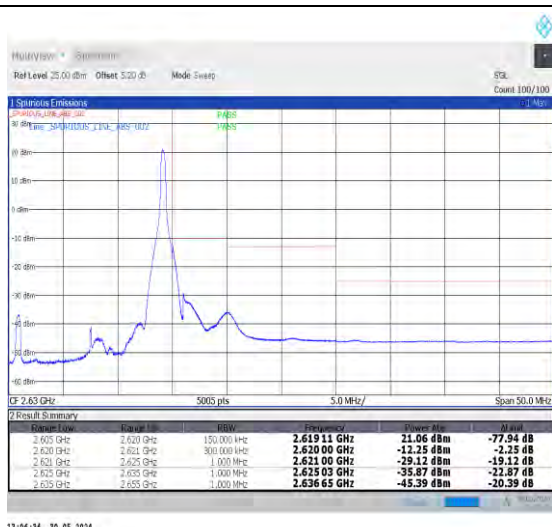
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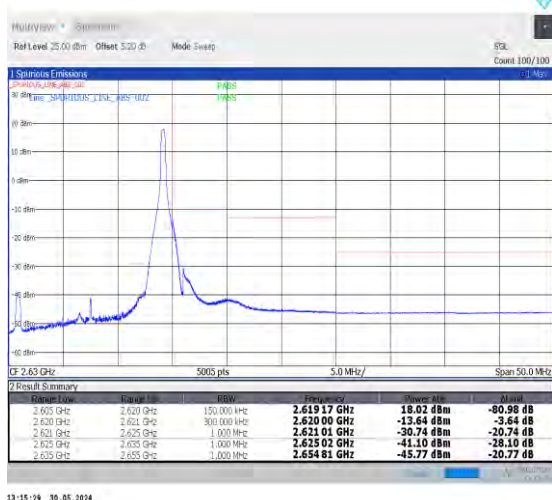
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1-N38-30-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@37-Ant0-1--PASS-see graph

1-N38-30-15-H-3-DFT-PI2BPSK-Outer_Full-36@0-Ant0-1--PASS-see graph



1-N38-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant0-1--PASS-see graph

1-N38-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant0-1--PASS-see graph



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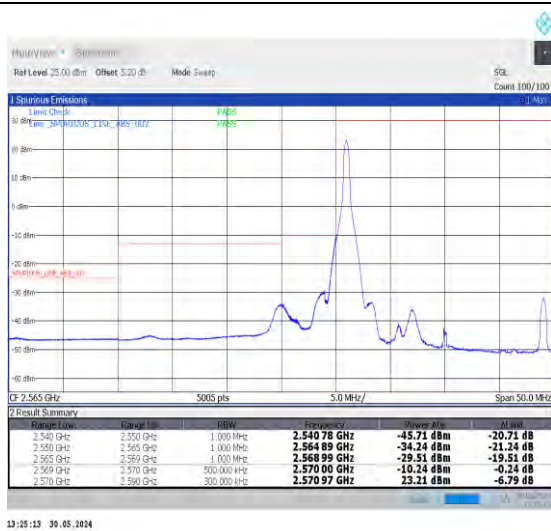
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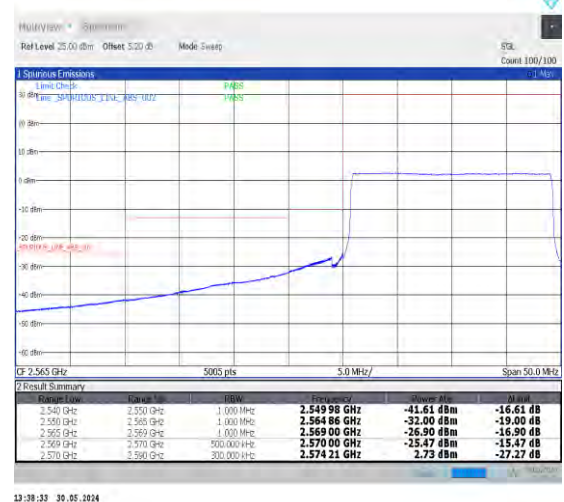
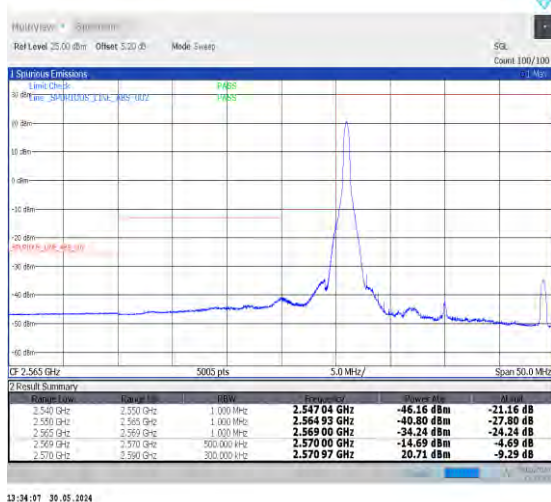
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1-N38-30-20-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant0-1--PASS-see graph



1-N38-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N38-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant0-1--PASS-see graph



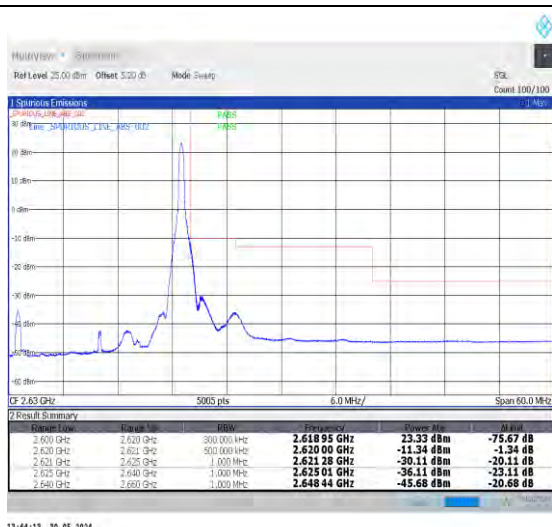
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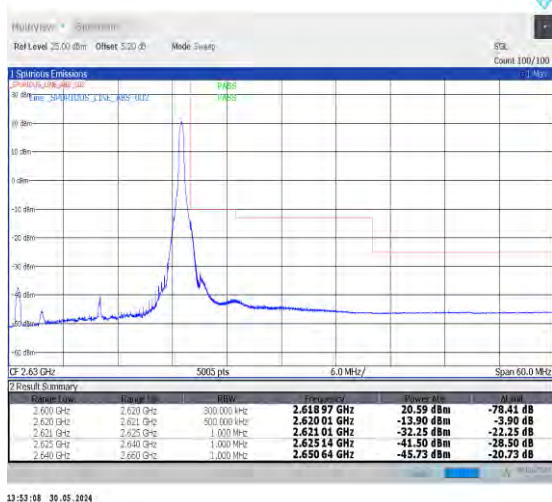
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50-Ant0-1--PASS-see graph



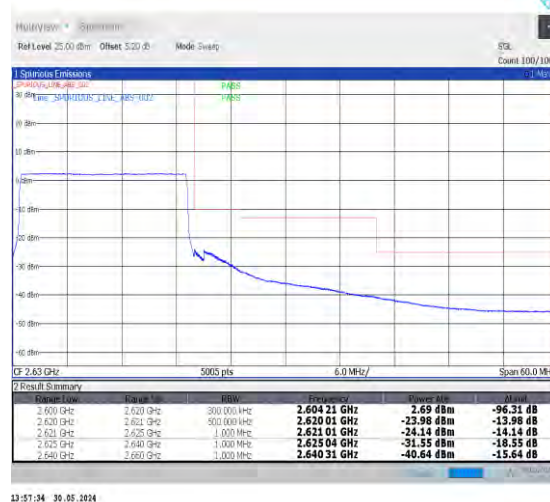
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1-N38-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-
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13:57:34 30.05.2024

1-N38-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant
0-1--PASS-see graph



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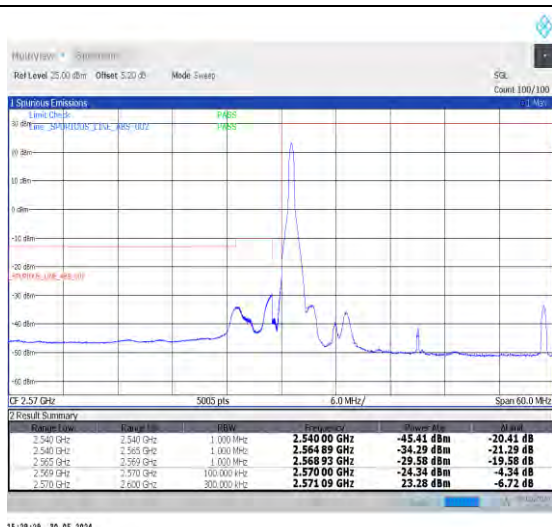
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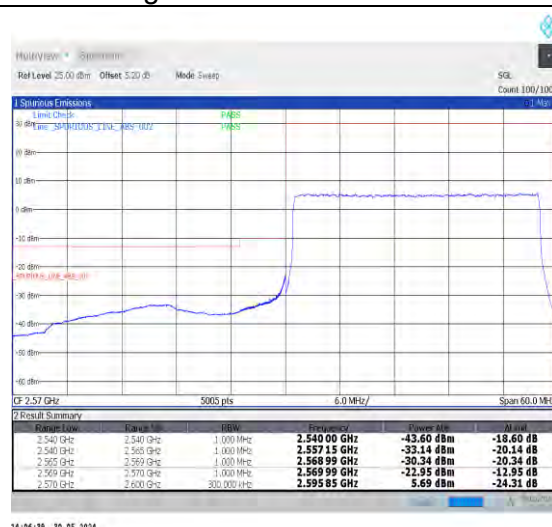
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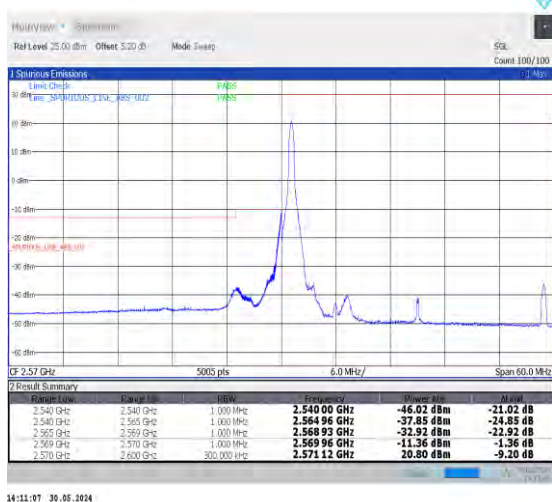
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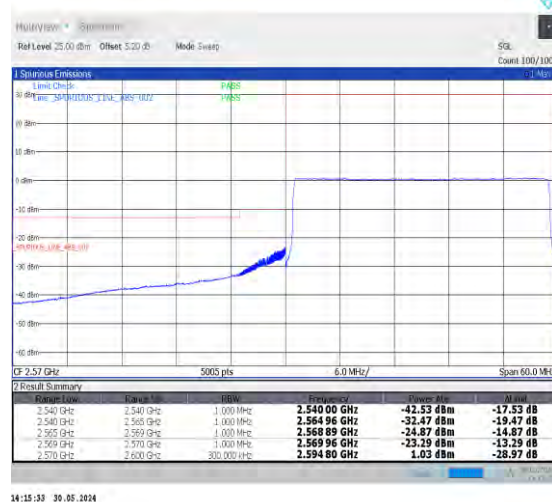
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14:11:07 30.05.2024

1-N38-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



14:15:53 30.05.2024

1-N38-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant0-1--PASS-see graph



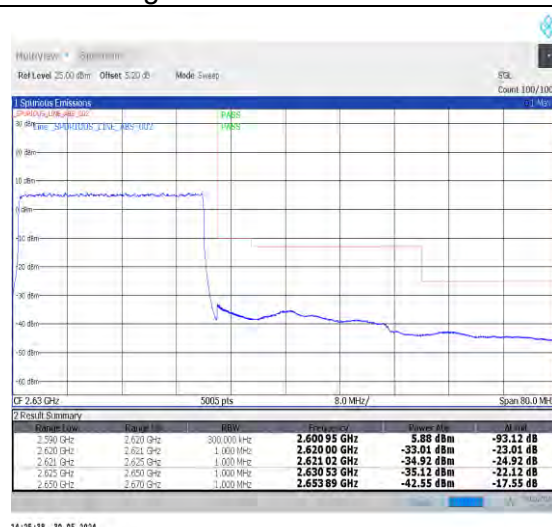
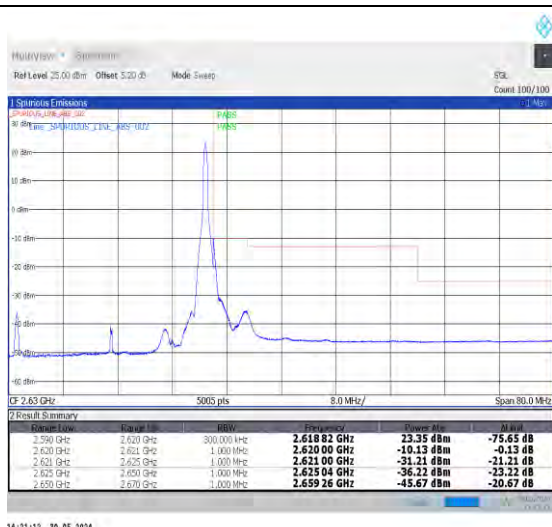
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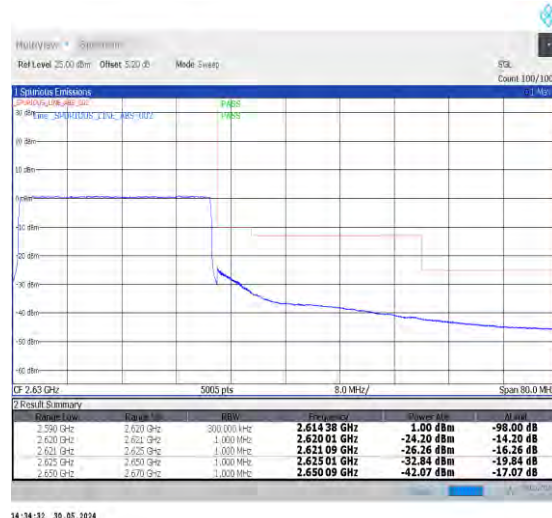
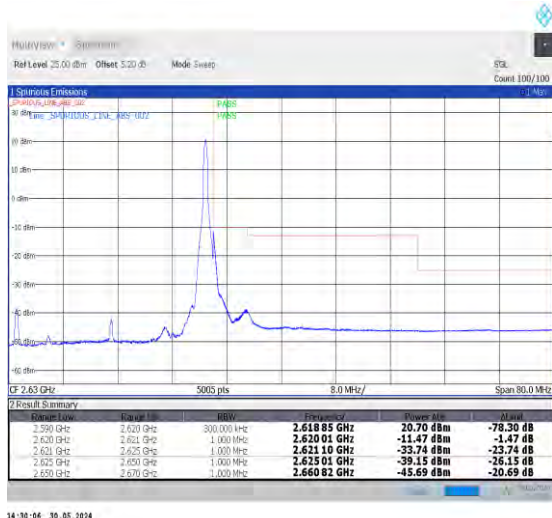
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1-N38-30-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@77-Ant0-1--PASS-see graph

1-N38-30-30-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant0-1--PASS-see graph



1-N38-30-30-H-5-CP-QPSK-Edge_1RB_Right-1@77-Ant0-1--PASS-see graph

1-N38-30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant0-1--PASS-see graph



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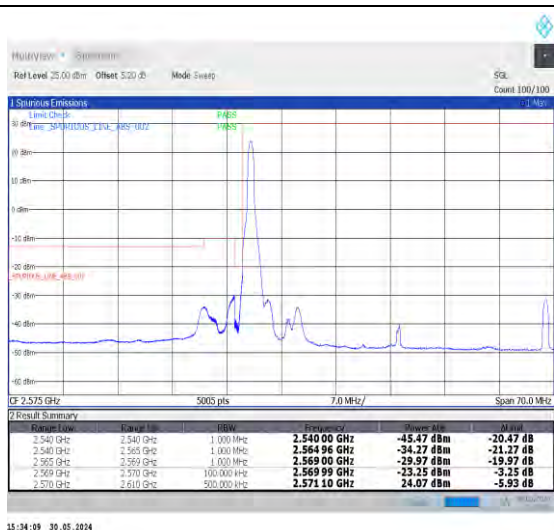
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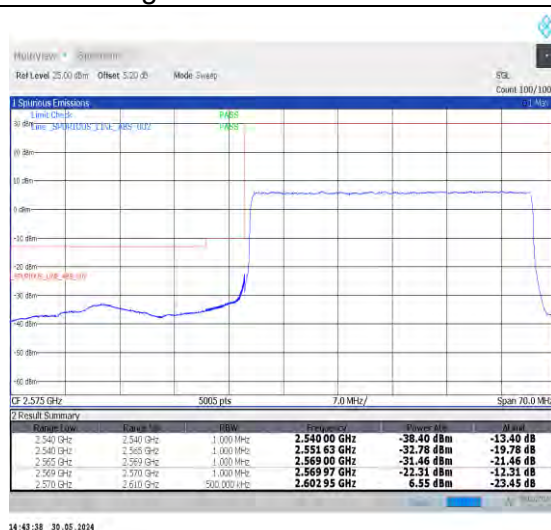
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15:34:09 30.05.2024

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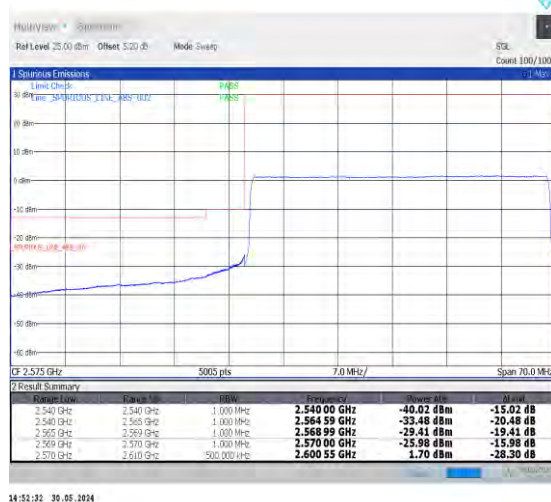
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14:48:06 30.05.2024

1-N38-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



14:52:52 30.05.2024

1-N38-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



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17:17:27 10.06.2024

1-N38-30-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant0-1-- PASS-see graph



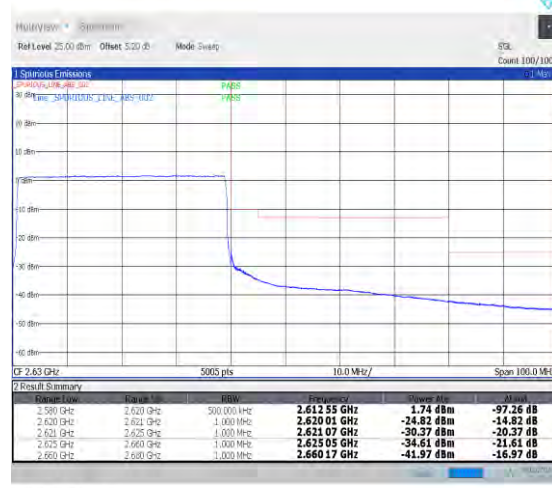
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15:06:17 30.05.2024

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15:10:42 30.05.2024

1-N38-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



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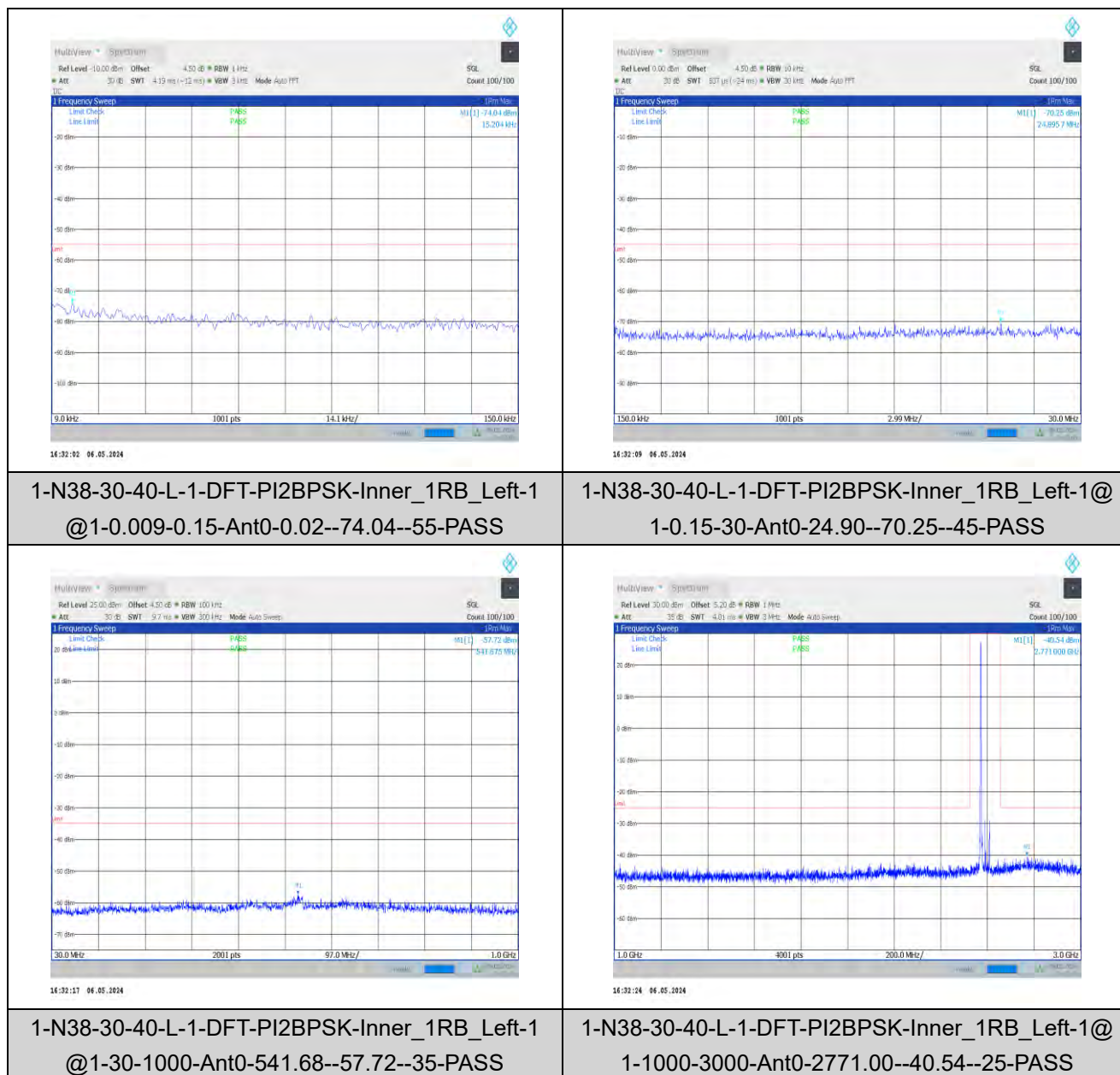
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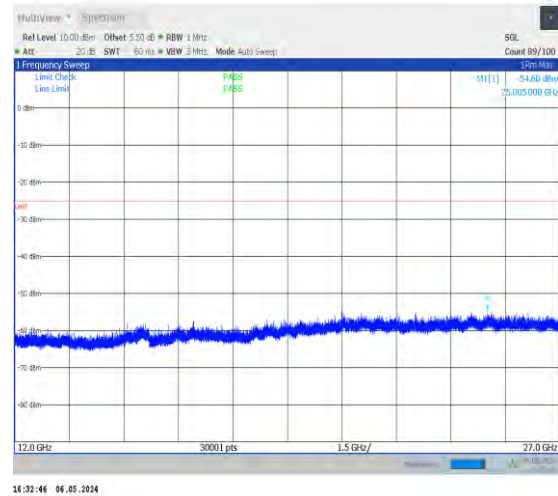
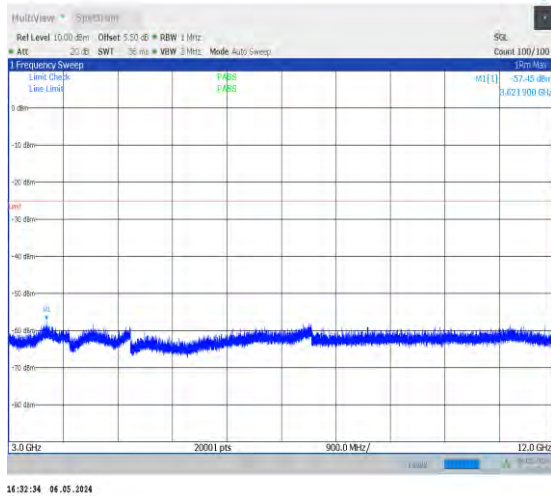
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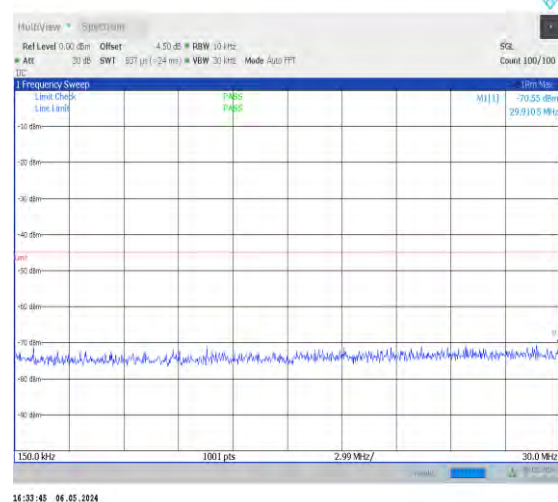
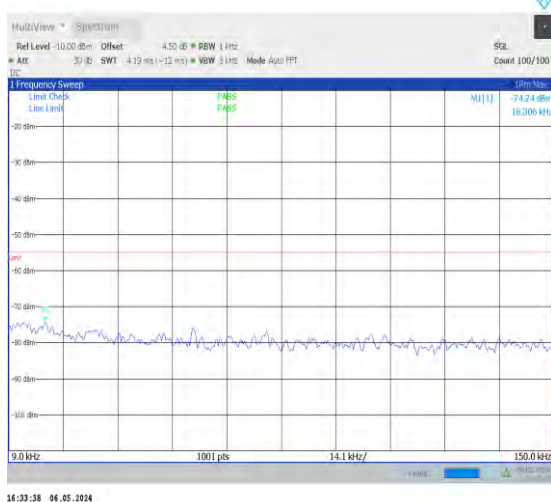
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1-N38-30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
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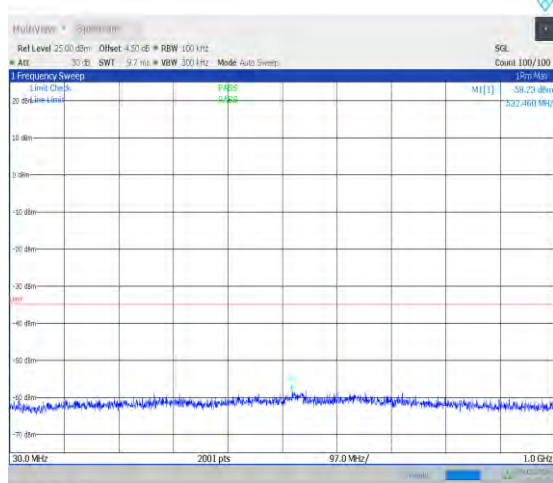
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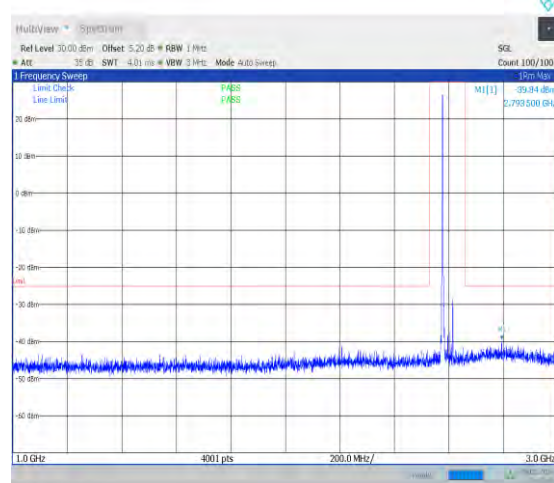
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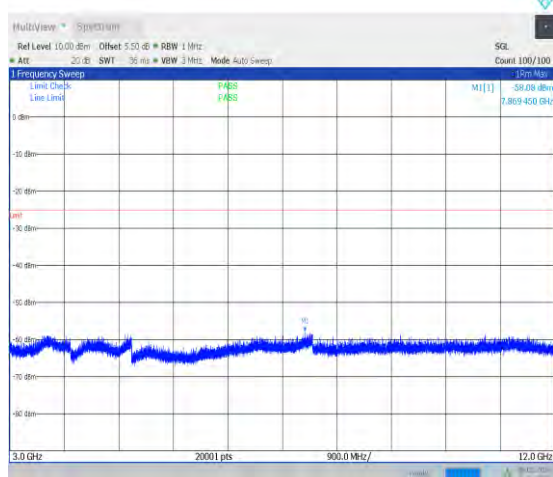
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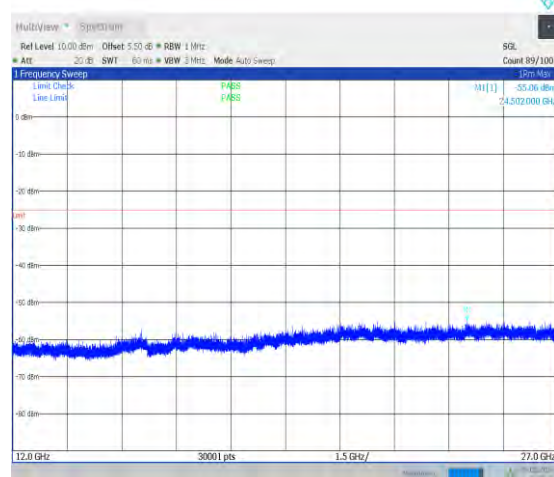
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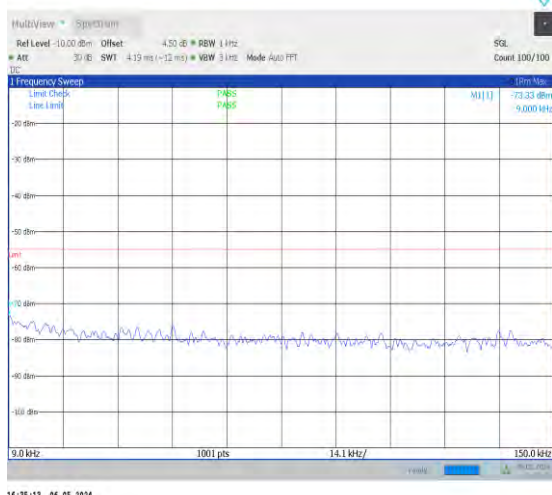
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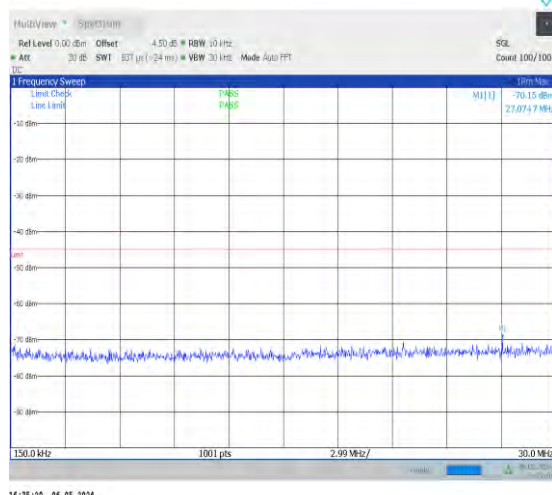
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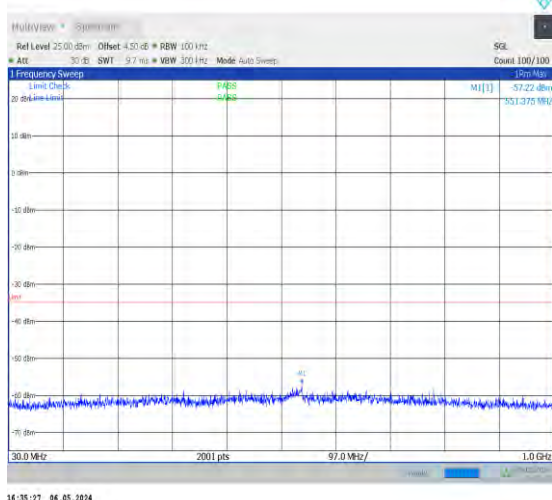
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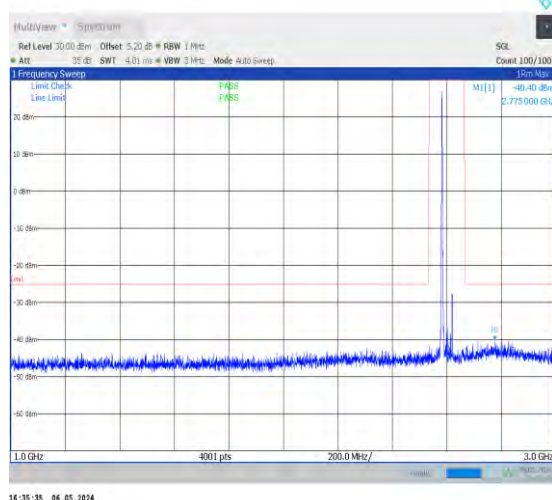
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1-0.15-30-Ant0-27.07--70.15--45-PASS



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@1-30-1000-Ant0-551.38--57.22--35-PASS



1-N38-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-1000-3000-Ant0-2775.00--40.40--25-PASS



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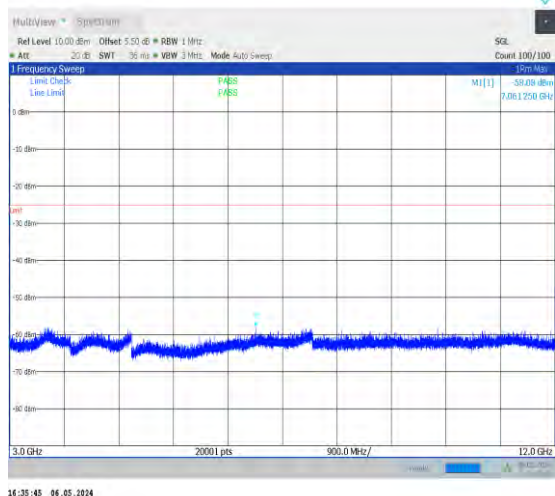
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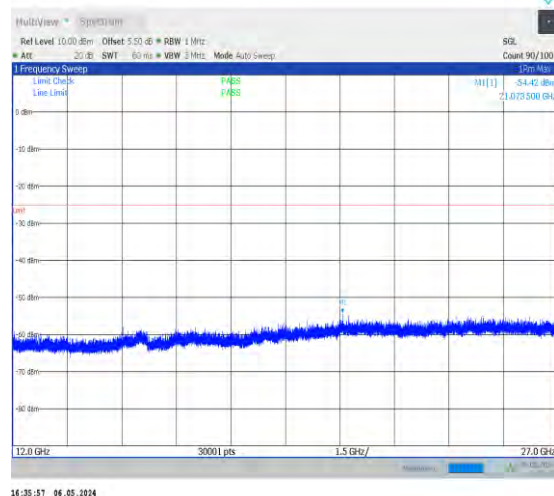
Report No.: SUCR240400008902

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1-N38-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant0-7061.25--58.08--25-PASS



1-N38-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-12000-27000-Ant0-21073.50--54.42--25-PASS



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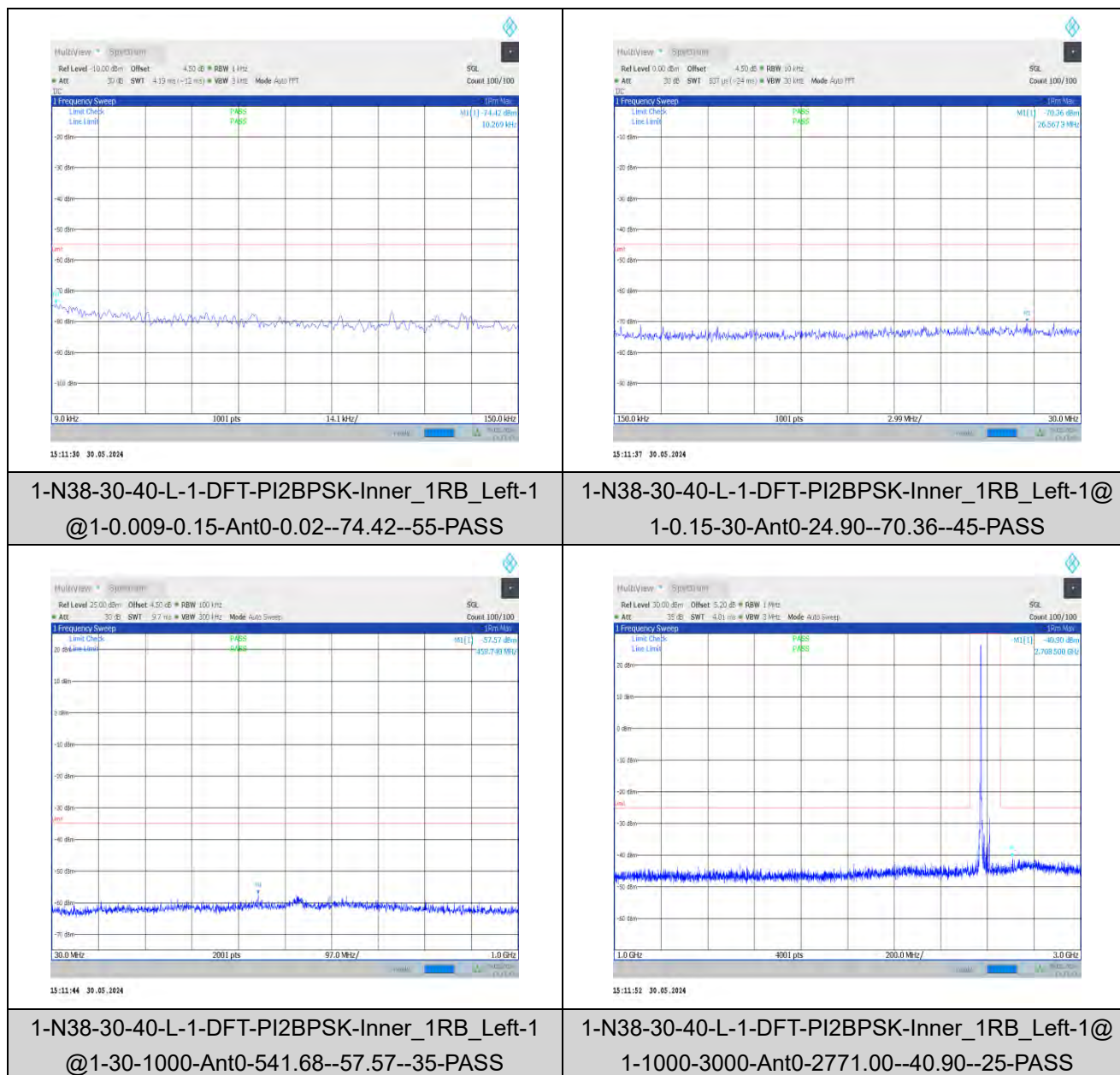
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Conducted Spurious Emission for MIMO

Test Graphs



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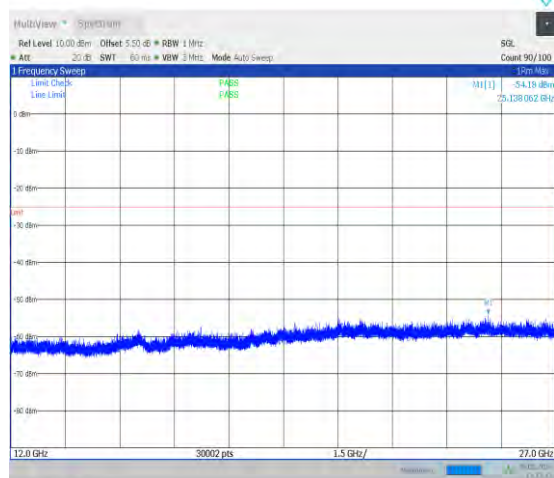
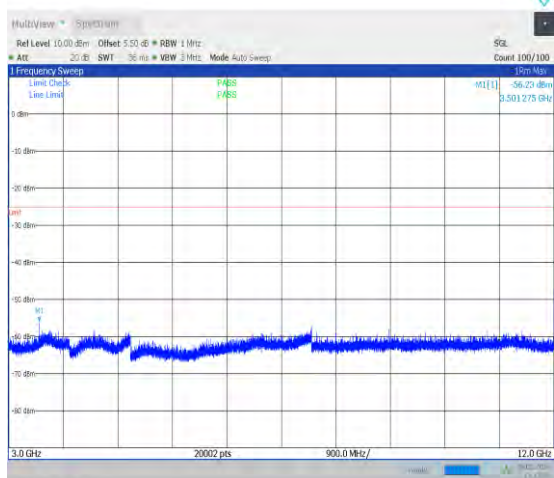
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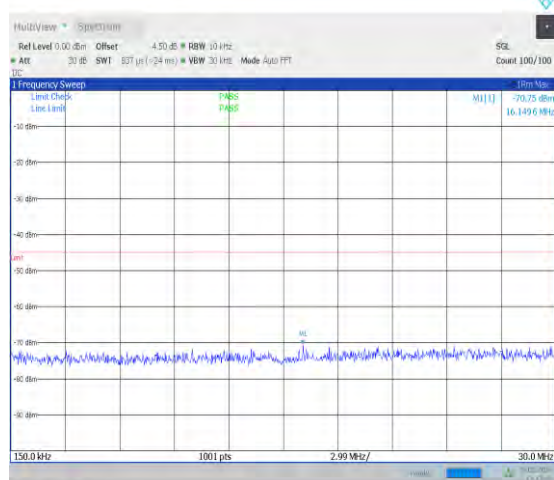
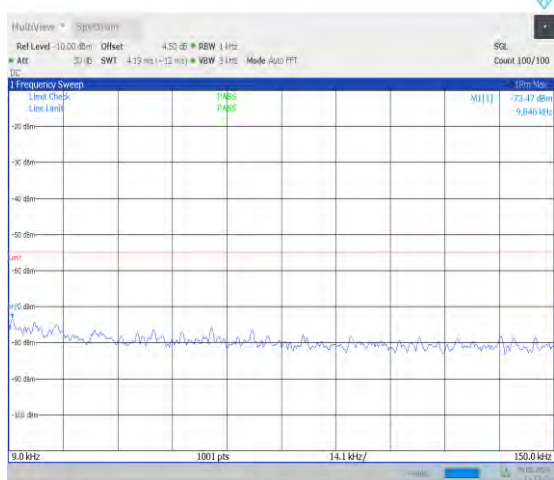
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1-N38-30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1
@ 1-3000-12000-Ant0-3621.90--56.23--25-PASS

1-N38-30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-12000-27000-Ant0-25005.00--54.18--25-PASS



1-N38-30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@ 1-0.009-0.15-Ant0-0.02--73.47--55-PASS

1-N38-30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.15-30-Ant0-29.91--70.75--45-PASS



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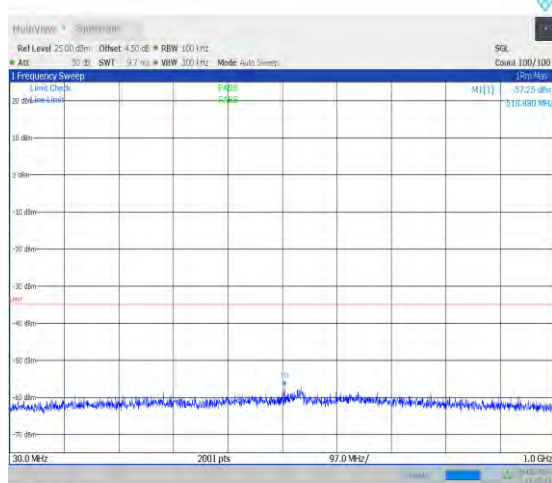
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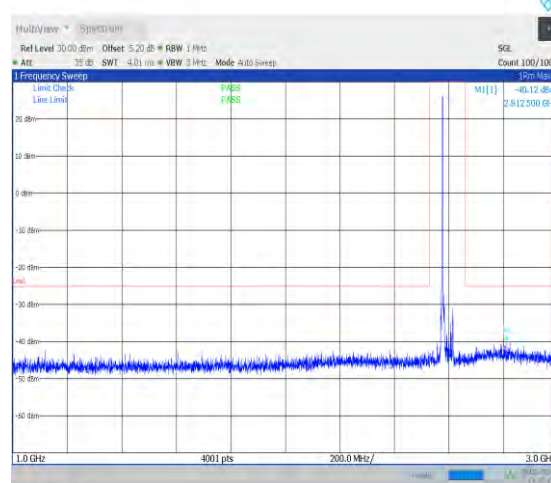
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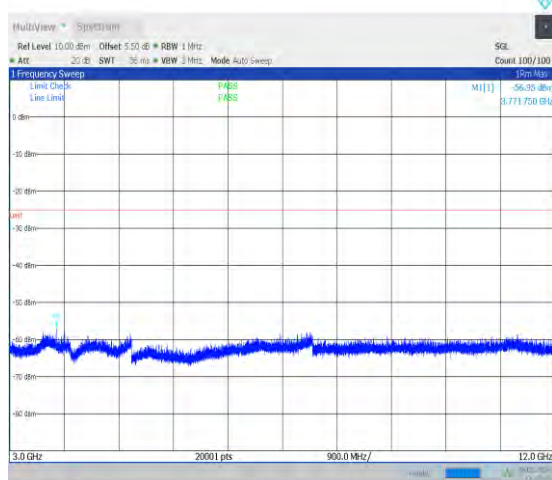
11:39:12 30.05.2024

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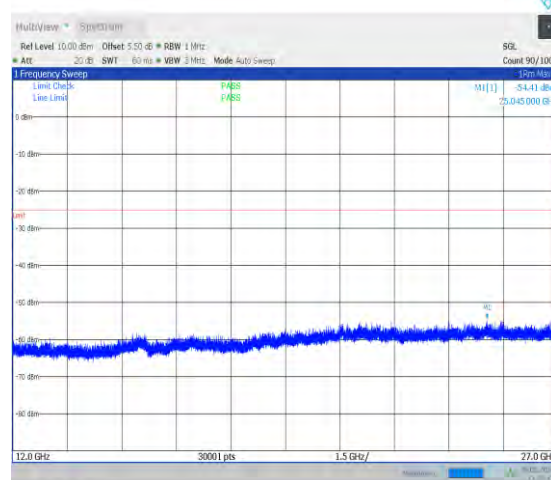
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11:39:29 30.05.2024

1-N38-30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
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11:39:41 30.05.2024

1-N38-30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-12000-27000-Ant0-24502.00--54.41--25-PASS



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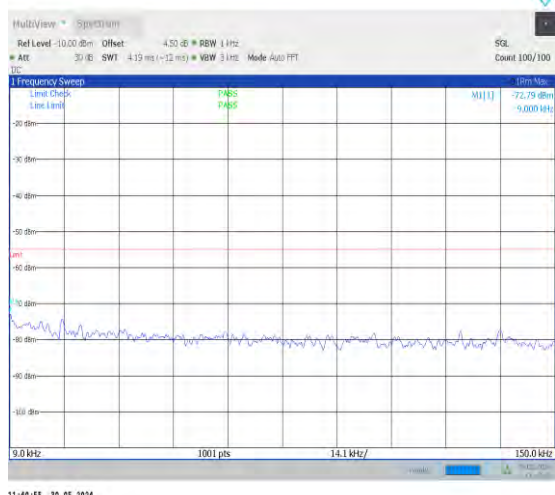
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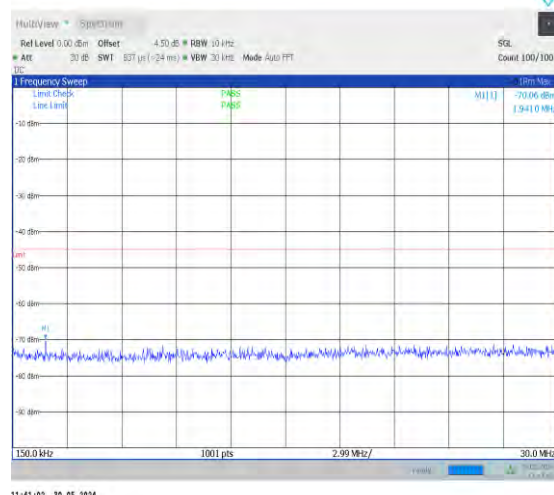
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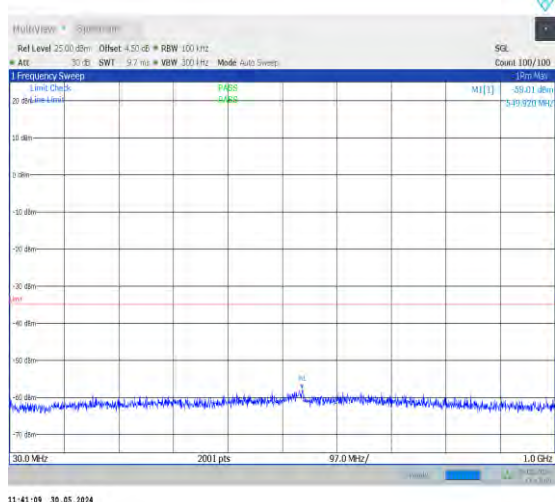
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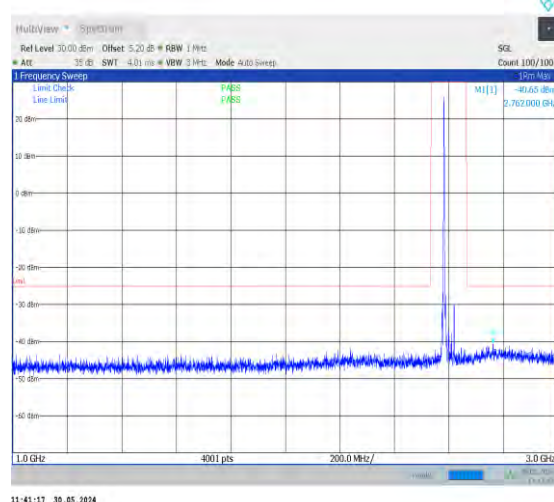
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1-0.15-30-Ant0-27.07--70.06--45-PASS



1-N38-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-30-1000-Ant0-551.38--58.01--35-PASS



1-N38-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-1000-3000-Ant0-2775.00--40.65--25-PASS



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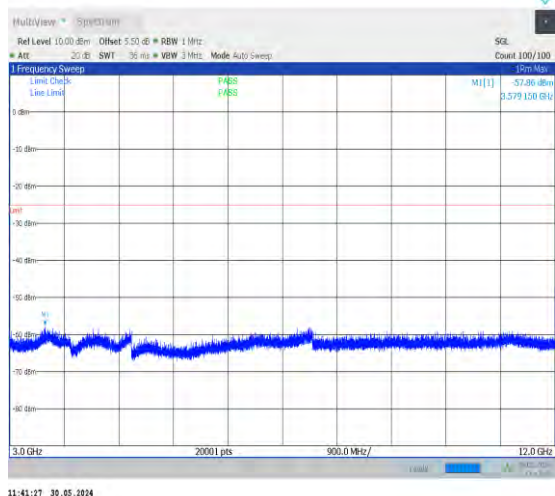
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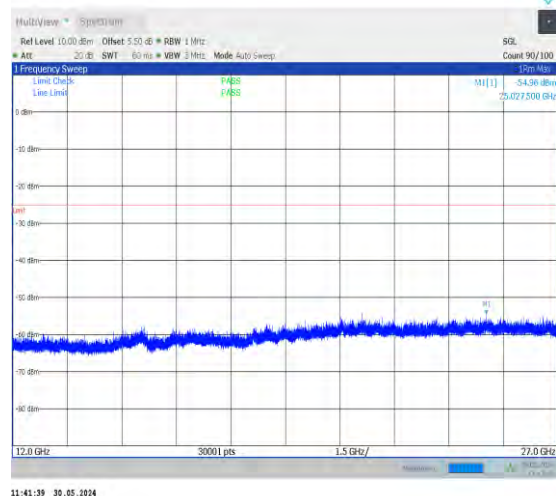
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@1-3000-12000-Ant0-7061.25--57.86--25-PASS



1-N38-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-12000-27000-Ant0-21073.50--54.96--25-PASS



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Field Strength of Spurious Radiation

For report SUCR240400009002:

Test Band = SA_N38

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3610	55.04	-49.54	30.24	-59.52	-25.00	34.52	Horizontal
2	4803.5	53.36	-47.71	32.43	-57.18	-25.00	32.18	Horizontal
3	7204	51.25	-44.23	37.11	-51.13	-25.00	26.13	Horizontal
4	10043	49.07	-39.70	38.56	-47.33	-25.00	22.33	Horizontal
5	14155	46.95	-35.50	40.76	-43.05	-25.00	18.05	Horizontal
6	17516.5	49.63	-38.01	41.18	-42.46	-25.00	17.46	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3620	54.83	-49.53	30.28	-59.68	-25.00	34.68	Vertical
2	4900	52.40	-47.66	33.10	-57.42	-25.00	32.42	Vertical
3	6787.5	51.47	-44.67	36.28	-52.18	-25.00	27.18	Vertical
4	8536.5	50.19	-41.63	38.78	-47.92	-25.00	22.92	Vertical
5	11479.5	48.77	-38.31	39.54	-45.26	-25.00	20.26	Vertical
6	15644	48.34	-35.17	39.16	-42.93	-25.00	17.93	Vertical



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Test Band = SA_N38
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3628.5	54.69	-49.52	30.31	-59.78	-25.00	34.78	Horizontal
2	4959	53.12	-47.17	33.18	-56.13	-25.00	31.13	Horizontal
3	7441	51.27	-43.32	36.72	-50.59	-25.00	25.59	Horizontal
4	9512	49.48	-40.73	39.18	-47.33	-25.00	22.33	Horizontal
5	14422.5	48.37	-36.31	40.52	-42.68	-25.00	17.68	Horizontal
6	17988.5	49.47	-38.97	42.73	-42.03	-25.00	17.03	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3617	54.92	-49.53	30.27	-59.60	-25.00	34.60	Vertical
2	5028	53.14	-47.42	33.27	-56.27	-25.00	31.27	Vertical
3	7046.5	52.41	-44.76	36.31	-51.30	-25.00	26.30	Vertical
4	9011	49.95	-41.25	38.78	-47.78	-25.00	22.78	Vertical
5	13165	47.11	-36.92	40.33	-44.74	-25.00	19.74	Vertical
6	17912	48.93	-38.23	42.27	-42.29	-25.00	17.29	Vertical



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Test Band = SA_N38
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3603	54.99	-49.55	30.21	-59.61	-25.00	34.61	Horizontal
2	5086.5	53.28	-47.47	33.47	-55.98	-25.00	30.98	Horizontal
3	7361	51.02	-43.51	36.88	-50.87	-25.00	25.87	Horizontal
4	8545.5	49.67	-41.45	38.99	-48.05	-25.00	23.05	Horizontal
5	11254	49.05	-38.60	39.65	-45.16	-25.00	20.16	Horizontal
6	16923	48.93	-35.58	38.73	-43.18	-25.00	18.18	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3868	54.67	-49.55	30.47	-59.67	-25.00	34.67	Vertical
2	4931	52.99	-47.33	33.16	-56.44	-25.00	31.44	Vertical
3	7468.5	51.65	-43.56	36.66	-50.51	-25.00	25.51	Vertical
4	10329	49.19	-39.66	38.67	-47.06	-25.00	22.06	Vertical
5	14550.5	47.51	-35.17	40.55	-42.37	-25.00	17.37	Vertical
6	17994	49.83	-38.98	42.76	-41.65	-25.00	16.65	Vertical



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Test Band = SA_N38 MIMO

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3618	54.71	-49.53	30.27	-59.81	-25.00	34.81	Horizontal
2	5244.5	52.48	-46.84	33.28	-56.34	-25.00	31.34	Horizontal
3	7367	51.26	-43.55	36.87	-50.68	-25.00	25.68	Horizontal
4	11844.5	48.30	-38.13	39.72	-45.37	-25.00	20.37	Horizontal
5	14129	47.49	-35.94	40.73	-42.98	-25.00	17.98	Horizontal
6	17917.5	48.98	-38.33	42.31	-42.30	-25.00	17.30	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3623.5	54.72	-49.53	30.29	-59.78	-25.00	34.78	Vertical
2	5573	52.40	-46.38	33.29	-55.95	-25.00	30.95	Vertical
3	8549.5	49.20	-41.37	39.09	-48.34	-25.00	23.34	Vertical
4	11250	48.84	-38.60	39.65	-45.37	-25.00	20.37	Vertical
5	15602	48.19	-35.90	39.20	-43.77	-25.00	18.77	Vertical
6	17893	49.03	-38.08	42.14	-42.17	-25.00	17.17	Vertical



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Test Band = SA_N38 MIMO
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3644	54.88	-49.51	30.38	-59.51	-25.00	34.51	Horizontal
2	5136.5	52.78	-47.26	33.57	-56.17	-25.00	31.17	Horizontal
3	7847	50.46	-42.81	37.10	-50.51	-25.00	25.51	Horizontal
4	11245.5	47.90	-38.64	39.65	-46.35	-25.00	21.35	Horizontal
5	14551	47.33	-35.18	40.55	-42.56	-25.00	17.56	Horizontal
6	17984	49.62	-38.97	42.70	-41.91	-25.00	16.91	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3605	54.59	-49.55	30.22	-60.00	-25.00	35.00	Vertical
2	5135.5	52.84	-47.26	33.57	-56.11	-25.00	31.11	Vertical
3	7464	51.52	-43.47	36.67	-50.54	-25.00	25.54	Vertical
4	8543	49.98	-41.50	38.93	-47.85	-25.00	22.85	Vertical
5	11820.5	48.32	-38.15	39.82	-45.27	-25.00	20.27	Vertical
6	17905.5	48.74	-38.11	42.23	-42.40	-25.00	17.40	Vertical



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Test Band = SA_N38 MIMO
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3607.5	54.88	-49.54	30.23	-59.69	-25.00	34.69	Horizontal
2	4788.5	53.20	-47.78	32.35	-57.49	-25.00	32.49	Horizontal
3	7379	51.58	-43.63	36.84	-50.47	-25.00	25.47	Horizontal
4	10114	49.53	-39.90	38.49	-47.14	-25.00	22.14	Horizontal
5	14530	47.27	-35.69	40.57	-43.11	-25.00	18.11	Horizontal
6	17992	49.45	-38.98	42.75	-42.04	-25.00	17.04	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3148.5	53.59	-49.69	30.29	-61.07	-25.00	36.07	Vertical
2	3993.5	53.58	-49.02	31.07	-59.63	-25.00	34.63	Vertical
3	5874.5	51.92	-45.71	34.20	-54.85	-25.00	29.85	Vertical
4	8548	49.43	-41.40	39.05	-48.18	-25.00	23.18	Vertical
5	12554	47.57	-37.13	39.45	-45.37	-25.00	20.37	Vertical
6	17900	49.02	-38.01	42.20	-42.05	-25.00	17.05	Vertical



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Test Band = NSA_B12+N38

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3729	54.23	-49.69	30.42	-60.30	-13.00	47.30	Horizontal
2	5107	53.00	-47.43	33.51	-56.18	-13.00	43.18	Horizontal
3	8543	49.60	-41.50	38.93	-48.23	-13.00	35.23	Horizontal
4	9512.5	49.47	-40.74	39.18	-47.35	-13.00	34.35	Horizontal
5	15022.5	47.69	-35.07	39.88	-42.76	-13.00	29.76	Horizontal
6	17657	49.80	-38.33	41.33	-42.46	-13.00	29.46	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3613	54.27	-49.54	30.25	-60.28	-13.00	47.28	Vertical
2	5151	52.47	-47.16	33.57	-56.38	-13.00	43.38	Vertical
3	8968.5	50.23	-41.57	38.61	-47.99	-13.00	34.99	Vertical
4	9484.5	49.71	-40.74	39.14	-47.15	-13.00	34.15	Vertical
5	15032	47.78	-35.19	39.87	-42.80	-13.00	29.80	Vertical
6	17986.5	49.02	-38.97	42.72	-42.49	-13.00	29.49	Vertical



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Test Band = NSA_B12+N38
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3630	54.10	-49.52	30.32	-60.36	-25.00	35.36	Horizontal
2	5122.5	52.38	-47.34	33.55	-56.67	-25.00	31.67	Horizontal
3	6980	51.09	-43.91	36.46	-51.62	-25.00	26.62	Horizontal
4	8550.5	50.16	-41.37	39.09	-47.38	-25.00	22.38	Horizontal
5	14360.5	47.53	-36.39	40.58	-43.54	-25.00	18.54	Horizontal
6	17992	48.87	-38.98	42.75	-42.62	-25.00	17.62	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3639	53.87	-49.51	30.36	-60.54	-25.00	35.54	Vertical
2	5151.5	52.49	-47.16	33.56	-56.37	-25.00	31.37	Vertical
3	8544	49.39	-41.48	38.96	-48.39	-25.00	23.39	Vertical
4	9510	49.10	-40.70	39.18	-47.68	-25.00	22.68	Vertical
5	14546.5	47.50	-35.24	40.55	-42.45	-25.00	17.45	Vertical
6	17998	48.72	-38.99	42.79	-42.74	-25.00	17.74	Vertical



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Test Band = NSA_B12+N38
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3613	54.12	-49.54	30.25	-60.43	-25.00	35.43	Horizontal
2	5815	51.34	-45.94	34.10	-55.76	-25.00	30.76	Horizontal
3	8013	50.16	-42.85	37.45	-50.50	-25.00	25.50	Horizontal
4	9486	49.72	-40.72	39.14	-47.12	-25.00	22.12	Horizontal
5	15029	47.68	-35.15	39.87	-42.86	-25.00	17.86	Horizontal
6	17905.5	48.73	-38.11	42.23	-42.41	-25.00	17.41	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4250	53.60	-48.40	32.10	-57.96	-25.00	32.96	Vertical
2	5159	52.72	-47.04	33.37	-56.21	-25.00	31.21	Vertical
3	7861	50.53	-42.87	37.17	-50.43	-25.00	25.43	Vertical
4	9488	49.49	-40.70	39.15	-47.32	-25.00	22.32	Vertical
5	13408.5	46.93	-36.60	40.28	-44.65	-25.00	19.65	Vertical
6	17990.5	48.75	-38.98	42.74	-42.75	-25.00	17.75	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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For report SUCR240400008902:

Test Band = SA Band 38_ 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	5144.18	34.33	-41.07	33.17	-68.83	-25.00	43.83	Horizontal
2	7716.27	34.16	-37.25	36.82	-61.53	-25.00	36.53	Horizontal
3	10288.36	30.29	-32.20	38.04	-59.13	-25.00	34.13	Horizontal
4	12860.45	30.02	-29.94	39.43	-55.75	-25.00	30.75	Horizontal
5	15432.54	28.14	-27.69	39.28	-55.53	-25.00	30.53	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5144.18	34.69	-41.07	33.17	-68.47	-25.00	43.47	Vertical
2	7716.27	32.44	-37.25	36.82	-63.25	-25.00	38.25	Vertical
3	10288.36	30.18	-32.20	38.04	-59.24	-25.00	34.24	Vertical
4	12860.45	29.81	-29.94	39.43	-55.96	-25.00	30.96	Vertical
5	15432.54	28.46	-27.69	39.28	-55.21	-25.00	30.21	Vertical



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Test Band = SA Band 38_ 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	5154.18	35.26	-41.02	33.17	-67.85	-25.00	42.85	Horizontal
2	7731.27	33.71	-37.16	36.83	-61.88	-25.00	36.88	Horizontal
3	10308.36	30.54	-32.15	38.05	-58.82	-25.00	33.82	Horizontal
4	12885.45	30.13	-30.00	39.46	-55.66	-25.00	30.66	Horizontal
5	15462.54	28.09	-27.77	39.22	-55.72	-25.00	30.72	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5154.18	35.26	-41.02	33.17	-67.85	-25.00	42.85	Vertical
2	7731.27	32.19	-37.16	36.83	-63.40	-25.00	38.40	Vertical
3	10308.36	30.83	-32.15	38.05	-58.53	-25.00	33.53	Vertical
4	12885.45	30.04	-30.00	39.46	-55.75	-25.00	30.75	Vertical
5	15462.54	28.18	-27.77	39.22	-55.63	-25.00	30.63	Vertical



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Test Band = SA Band 38_ 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	5164.18	34.97	-40.98	33.17	-68.10	-25.00	43.10	Horizontal
2	7746.27	33.15	-37.07	36.85	-62.34	-25.00	37.34	Horizontal
3	10328.36	29.84	-32.00	38.06	-59.36	-25.00	34.36	Horizontal
4	12910.45	30.30	-29.97	39.49	-55.44	-25.00	30.44	Horizontal
5	15492.54	28.80	-27.85	39.16	-55.15	-25.00	30.15	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5164.18	34.15	-40.98	33.17	-68.92	-25.00	43.92	Vertical
2	7746.27	32.93	-37.07	36.85	-62.56	-25.00	37.56	Vertical
3	10328.36	30.18	-32.00	38.06	-59.02	-25.00	34.02	Vertical
4	12910.45	29.22	-29.97	39.49	-56.52	-25.00	31.52	Vertical
5	15492.54	28.12	-27.85	39.16	-55.83	-25.00	30.83	Vertical



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Test Band = UL MIMO SA Band 38_ 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	5142	39.71	-41.08	33.17	-63.46	-25.00	38.46	Horizontal
2	17771	28.92	-23.78	40.75	-49.37	-25.00	24.37	Horizontal
3	7716.27	33.51	-37.25	36.82	-62.18	-25.00	37.18	Horizontal
4	10288.36	30.32	-32.20	38.04	-59.10	-25.00	34.10	Horizontal
5	12860.45	30.94	-29.94	39.43	-54.83	-25.00	29.83	Horizontal
6	15432.54	27.88	-27.69	39.28	-55.79	-25.00	30.79	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17813	28.77	-23.75	40.85	-49.39	-25.00	24.39	Vertical
2	5144.18	32.95	-41.07	33.17	-70.21	-25.00	45.21	Vertical
3	7716.27	32.73	-37.25	36.82	-62.96	-25.00	37.96	Vertical
4	10288.36	30.80	-32.20	38.04	-58.62	-25.00	33.62	Vertical
5	12860.45	29.28	-29.94	39.43	-56.49	-25.00	31.49	Vertical
6	15432.54	28.44	-27.69	39.28	-55.23	-25.00	30.23	Vertical



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Test Band = UL MIMO SA Band 38_ 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	17854	29.22	-24.33	40.95	-49.42	-25.00	24.42	Horizontal
2	5154.18	33.74	-41.02	33.17	-69.37	-25.00	44.37	Horizontal
3	7731.27	33.06	-37.16	36.83	-62.53	-25.00	37.53	Horizontal
4	10308.36	29.60	-32.15	38.05	-59.76	-25.00	34.76	Horizontal
5	12885.45	29.77	-30.00	39.46	-56.02	-25.00	31.02	Horizontal
6	15462.54	28.37	-27.77	39.22	-55.44	-25.00	30.44	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17778.5	28.78	-23.73	40.77	-49.44	-25.00	24.44	Vertical
2	5154.18	33.45	-41.02	33.17	-69.66	-25.00	44.66	Vertical
3	7731.27	31.95	-37.16	36.83	-63.64	-25.00	38.64	Vertical
4	10308.36	30.39	-32.15	38.05	-58.97	-25.00	33.97	Vertical
5	12885.45	29.95	-30.00	39.46	-55.84	-25.00	30.84	Vertical
6	15462.54	27.63	-27.77	39.22	-56.18	-25.00	31.18	Vertical



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Test Band = UL MIMO SA Band 38_ 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	3990.5	35.90	-42.76	31.27	-70.85	-25.00	45.85	Horizontal
2	5164.18	34.09	-40.98	33.17	-68.98	-25.00	43.98	Horizontal
3	7746.27	32.75	-37.07	36.85	-62.74	-25.00	37.74	Horizontal
4	10328.36	30.07	-32.00	38.06	-59.13	-25.00	34.13	Horizontal
5	12910.45	29.87	-29.97	39.49	-55.87	-25.00	30.87	Horizontal
6	15492.54	28.14	-27.85	39.16	-55.81	-25.00	30.81	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3864	35.19	-42.85	30.84	-72.08	-25.00	47.08	Vertical
2	5164.18	33.69	-40.98	33.17	-69.38	-25.00	44.38	Vertical
3	7746.27	32.02	-37.07	36.85	-63.47	-25.00	38.47	Vertical
4	10328.36	30.30	-32.00	38.06	-58.90	-25.00	33.90	Vertical
5	12910.45	29.21	-29.97	39.49	-56.53	-25.00	31.53	Vertical
6	15492.54	28.44	-27.85	39.16	-55.51	-25.00	30.51	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

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-2.900000	-0.001118	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	3.400000	0.001310	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	6.400000	0.002466	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VH	NT	-2.100000	-0.000809	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VN	NT	1.000000	0.000385	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VL	NT	-2.500000	-0.000963	PASS



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Frequency Error VS. Temperature

Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	50	4.200000	0.001618	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	1.700000	0.000655	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-2.100000	-0.000809	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	0	0.800000	0.000308	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	10	0.600000	0.000231	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.900000	-0.002274	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-2.400000	-0.000925	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.900000	-0.001503	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	40	5.300000	0.002042	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	50	-5.700000	-0.002197	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-20	-7.800000	-0.003006	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-10	1.900000	0.000732	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	0	1.300000	0.000501	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	10	-4.600000	-0.001773	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	20	6.800000	0.002620	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	30	9.100000	0.003507	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	40	1.100000	0.000424	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-30	7.600000	0.002929	PASS

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