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Appendix B.20

NR Band n38



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT4

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.09	22.29	33.00	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.47	22.67	33.00	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	22.52	21.72	33.00	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Left	23.47	22.67	33.00	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Right	23.57	22.77	33.00	PASS
N38	30	10	DFT-QPSK	L	Outer_Full	22.50	21.70	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	22.26	21.46	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Right	22.36	21.56	33.00	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	21.52	20.72	33.00	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Left	21.16	20.36	33.00	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Right	21.22	20.42	33.00	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	21.02	20.22	33.00	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Left	19.05	18.25	33.00	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Right	19.07	18.27	33.00	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	18.96	18.16	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.18	22.38	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.18	22.38	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	22.24	21.44	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Left	23.31	22.51	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Right	23.39	22.59	33.00	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	22.23	21.43	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	22.08	21.28	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Right	22.06	21.26	33.00	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	21.29	20.49	33.00	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Left	20.97	20.17	33.00	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Right	20.97	20.17	33.00	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	20.74	19.94	33.00	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Left	18.82	18.02	33.00	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Right	18.84	18.04	33.00	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	18.67	17.87	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.58	22.78	33.00	PASS



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N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.42	22.62	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Outer_Full	22.57	21.77	33.00	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Left	23.59	22.79	33.00	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Right	23.49	22.69	33.00	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	22.58	21.78	33.00	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Left	22.47	21.67	33.00	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Right	22.32	21.52	33.00	PASS
N38	30	10	DFT-16QAM	H	Outer_Full	21.57	20.77	33.00	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Left	21.22	20.42	33.00	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Right	21.10	20.30	33.00	PASS
N38	30	10	DFT-64QAM	H	Outer_Full	21.04	20.24	33.00	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Left	19.13	18.33	33.00	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Right	18.93	18.13	33.00	PASS
N38	30	10	DFT-256QAM	H	Outer_Full	18.97	18.17	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.31	22.51	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.27	22.47	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Outer_Full	22.53	21.73	33.00	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Left	23.46	22.66	33.00	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Right	23.29	22.49	33.00	PASS
N38	30	15	DFT-QPSK	L	Outer_Full	22.50	21.70	33.00	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Left	21.99	21.19	33.00	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Right	22.05	21.25	33.00	PASS
N38	30	15	DFT-16QAM	L	Outer_Full	21.46	20.66	33.00	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Left	21.00	20.20	33.00	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Right	21.00	20.20	33.00	PASS
N38	30	15	DFT-64QAM	L	Outer_Full	20.97	20.17	33.00	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Left	18.78	17.98	33.00	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Right	19.06	18.26	33.00	PASS
N38	30	15	DFT-256QAM	L	Outer_Full	19.00	18.20	33.00	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.06	22.26	33.00	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.06	22.26	33.00	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	22.26	21.46	33.00	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Left	23.19	22.39	33.00	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Right	23.23	22.43	33.00	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	22.28	21.48	33.00	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Left	21.90	21.10	33.00	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Right	22.07	21.27	33.00	PASS



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N38	30	15	DFT-16QAM	M	Outer_Full	21.27	20.47	33.00	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Left	20.87	20.07	33.00	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Right	20.92	20.12	33.00	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	20.74	19.94	33.00	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Left	18.60	17.80	33.00	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Right	18.70	17.90	33.00	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	18.76	17.96	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.37	22.57	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.36	22.56	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	22.56	21.76	33.00	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Left	23.42	22.62	33.00	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Right	23.46	22.66	33.00	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	22.55	21.75	33.00	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Left	22.05	21.25	33.00	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Right	22.52	21.72	33.00	PASS
N38	30	15	DFT-16QAM	H	Outer_Full	21.56	20.76	33.00	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Left	21.20	20.40	33.00	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Right	21.04	20.24	33.00	PASS
N38	30	15	DFT-64QAM	H	Outer_Full	21.05	20.25	33.00	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Left	18.84	18.04	33.00	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Right	19.15	18.35	33.00	PASS
N38	30	15	DFT-256QAM	H	Outer_Full	19.04	18.24	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.27	22.47	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.05	22.25	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	22.43	21.63	33.00	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	23.29	22.49	33.00	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Right	23.17	22.37	33.00	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	22.45	21.65	33.00	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	22.15	21.35	33.00	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Right	21.69	20.89	33.00	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	21.43	20.63	33.00	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Left	20.93	20.13	33.00	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Right	20.75	19.95	33.00	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	20.89	20.09	33.00	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Left	18.80	18.00	33.00	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Right	18.62	17.82	33.00	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	18.90	18.10	33.00	PASS



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N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.07	22.27	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.15	22.35	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	22.26	21.46	33.00	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Left	23.16	22.36	33.00	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Right	23.23	22.43	33.00	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	22.30	21.50	33.00	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Left	21.92	21.12	33.00	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Right	22.02	21.22	33.00	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	21.22	20.42	33.00	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Left	20.84	20.04	33.00	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Right	20.89	20.09	33.00	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	20.72	19.92	33.00	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Left	18.66	17.86	33.00	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Right	18.73	17.93	33.00	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	18.75	17.95	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.10	22.30	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.22	22.42	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	22.52	21.72	33.00	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Left	23.15	22.35	33.00	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Right	23.27	22.47	33.00	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	22.53	21.73	33.00	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Left	21.92	21.12	33.00	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Right	22.35	21.55	33.00	PASS
N38	30	20	DFT-16QAM	H	Outer_Full	21.50	20.70	33.00	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Left	21.04	20.24	33.00	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Right	20.90	20.10	33.00	PASS
N38	30	20	DFT-64QAM	H	Outer_Full	20.99	20.19	33.00	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Left	18.65	17.85	33.00	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Right	18.73	17.93	33.00	PASS
N38	30	20	DFT-256QAM	H	Outer_Full	19.03	18.23	33.00	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	22.97	22.17	33.00	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	22.89	22.09	33.00	PASS
N38	30	30	DFT-PI2BPSK	L	Outer_Full	22.32	21.52	33.00	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Left	23.13	22.33	33.00	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Right	22.93	22.13	33.00	PASS
N38	30	30	DFT-QPSK	L	Outer_Full	22.33	21.53	33.00	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Left	21.86	21.06	33.00	PASS



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N38	30	30	DFT-16QAM	L	Inner_1RB_Right	21.90	21.10	33.00	PASS
N38	30	30	DFT-16QAM	L	Outer_Full	21.33	20.53	33.00	PASS
N38	30	30	DFT-64QAM	L	Inner_1RB_Left	20.77	19.97	33.00	PASS
N38	30	30	DFT-64QAM	L	Inner_1RB_Right	20.67	19.87	33.00	PASS
N38	30	30	DFT-64QAM	L	Outer_Full	20.81	20.01	33.00	PASS
N38	30	30	DFT-256QAM	L	Inner_1RB_Left	18.68	17.88	33.00	PASS
N38	30	30	DFT-256QAM	L	Inner_1RB_Right	18.57	17.77	33.00	PASS
N38	30	30	DFT-256QAM	L	Outer_Full	18.82	18.02	33.00	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.01	22.21	33.00	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	23.07	22.27	33.00	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	22.28	21.48	33.00	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Left	23.15	22.35	33.00	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Right	23.24	22.44	33.00	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	22.28	21.48	33.00	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Left	21.90	21.10	33.00	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Right	22.04	21.24	33.00	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	21.27	20.47	33.00	PASS
N38	30	30	DFT-64QAM	M	Inner_1RB_Left	20.86	20.06	33.00	PASS
N38	30	30	DFT-64QAM	M	Inner_1RB_Right	20.83	20.03	33.00	PASS
N38	30	30	DFT-64QAM	M	Outer_Full	20.74	19.94	33.00	PASS
N38	30	30	DFT-256QAM	M	Inner_1RB_Left	18.73	17.93	33.00	PASS
N38	30	30	DFT-256QAM	M	Inner_1RB_Right	18.74	17.94	33.00	PASS
N38	30	30	DFT-256QAM	M	Outer_Full	18.78	17.98	33.00	PASS
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	22.92	22.12	33.00	PASS
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	23.13	22.33	33.00	PASS
N38	30	30	DFT-PI2BPSK	H	Outer_Full	22.38	21.58	33.00	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Left	23.02	22.22	33.00	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Right	23.26	22.46	33.00	PASS
N38	30	30	DFT-QPSK	H	Outer_Full	22.37	21.57	33.00	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Left	21.92	21.12	33.00	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Right	22.02	21.22	33.00	PASS
N38	30	30	DFT-16QAM	H	Outer_Full	21.37	20.57	33.00	PASS
N38	30	30	DFT-64QAM	H	Inner_1RB_Left	20.63	19.83	33.00	PASS
N38	30	30	DFT-64QAM	H	Inner_1RB_Right	20.82	20.02	33.00	PASS
N38	30	30	DFT-64QAM	H	Outer_Full	20.84	20.04	33.00	PASS
N38	30	30	DFT-256QAM	H	Inner_1RB_Left	18.50	17.70	33.00	PASS
N38	30	30	DFT-256QAM	H	Inner_1RB_Right	18.79	17.99	33.00	PASS



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N38	30	30	DFT-256QAM	H	Outer_Full	18.85	18.05	33.00	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	22.83	22.03	33.00	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	22.99	22.19	33.00	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	22.29	21.49	33.00	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Left	22.88	22.08	33.00	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Right	23.03	22.23	33.00	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	22.28	21.48	33.00	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Left	21.68	20.88	33.00	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Right	21.73	20.93	33.00	PASS
N38	30	40	DFT-16QAM	L	Outer_Full	21.23	20.43	33.00	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Left	20.52	19.72	33.00	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Right	20.71	19.91	33.00	PASS
N38	30	40	DFT-64QAM	L	Outer_Full	20.74	19.94	33.00	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Left	18.39	17.59	33.00	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Right	18.46	17.66	33.00	PASS
N38	30	40	DFT-256QAM	L	Outer_Full	18.75	17.95	33.00	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	22.94	22.14	33.00	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	22.96	22.16	33.00	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	22.26	21.46	33.00	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Left	23.01	22.21	33.00	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Right	23.08	22.28	33.00	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	22.27	21.47	33.00	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Left	21.96	21.16	33.00	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Right	21.98	21.18	33.00	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	21.28	20.48	33.00	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Left	20.70	19.90	33.00	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Right	20.69	19.89	33.00	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	20.76	19.96	33.00	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Left	18.62	17.82	33.00	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Right	18.57	17.77	33.00	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	18.76	17.96	33.00	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	22.96	22.16	33.00	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	22.96	22.16	33.00	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	22.29	21.49	33.00	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Left	23.06	22.26	33.00	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Right	23.04	22.24	33.00	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	22.31	21.51	33.00	PASS



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N38	30	40	DFT-16QAM	H	Inner_1RB_Left	21.91	21.11	33.00	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Right	21.93	21.13	33.00	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	21.29	20.49	33.00	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Left	20.62	19.82	33.00	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Right	20.61	19.81	33.00	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	20.80	20.00	33.00	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Left	18.61	17.81	33.00	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Right	18.59	17.79	33.00	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	18.77	17.97	33.00	PASS



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Peak-to-Average Ratio(CCDF) for SA**Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dB)	Limit (dB)	Verdict
N38	30	40	DFT-256QAM	L	Outer_Full	6.63	≤13	PASS
N38	30	40	CP-256QAM	L	Outer_Full	8.54	≤13	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	6.66	≤13	PASS
N38	30	40	CP-256QAM	M	Outer_Full	8.51	≤13	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	6.62	≤13	PASS
N38	30	40	CP-256QAM	H	Outer_Full	8.50	≤13	PASS



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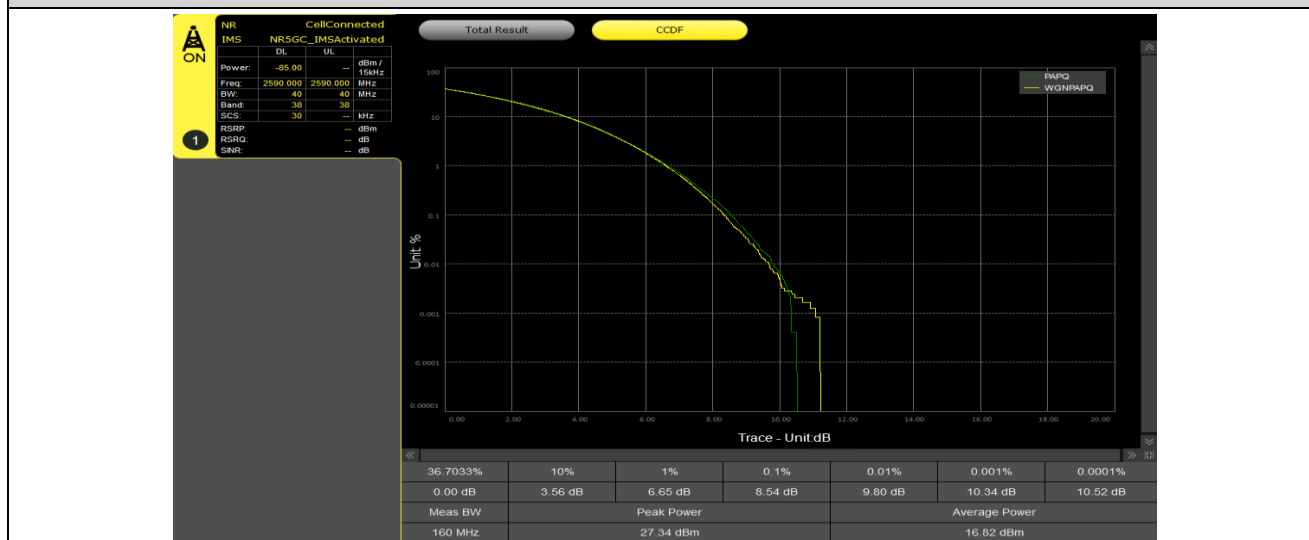
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Test Graphs



1-N38-PC3-30-40-L-1-DFT-256QAM-Outer_Full-100@0-Ant3-6.63-100%-0.00-6.63-PASS-≤13



1-N38-PC3-30-40-L-2-CP-256QAM-Outer_Full-106@0-Ant3-8.54-100%-0.00-8.54-PASS-≤13

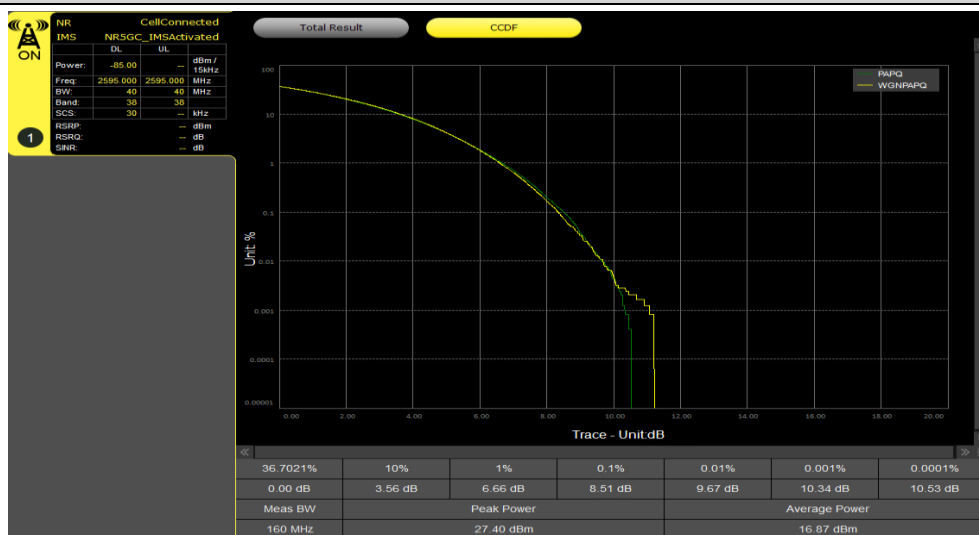
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1-N38-PC3-30-40-M-1-DFT-256QAM-Outter_Full-100@0-Ant3-6.66-100%-0.00-6.66-PASS-≤13

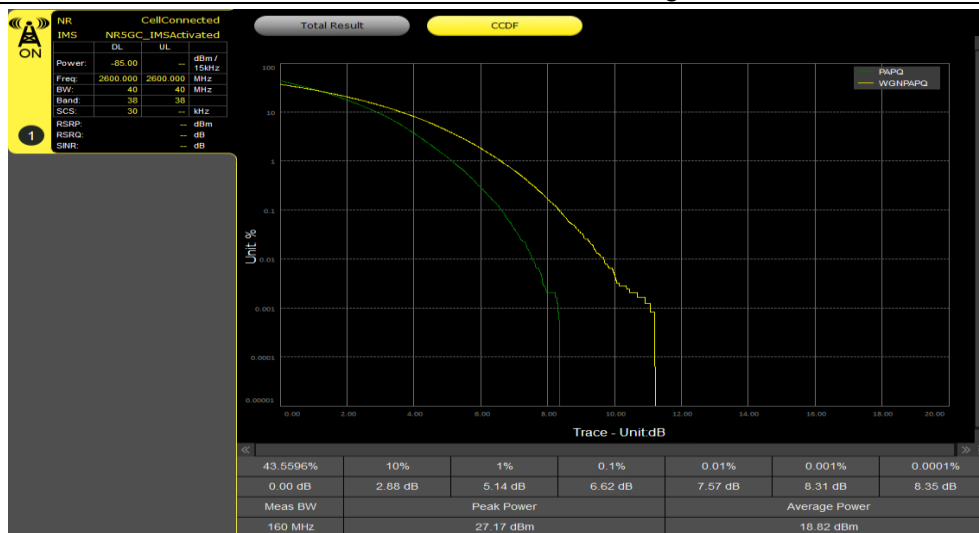


1-N38-PC3-30-40-M-2-CP-256QAM-Outter_Full-106@0-Ant3-8.51-100%-0.00-8.51-PASS-≤13

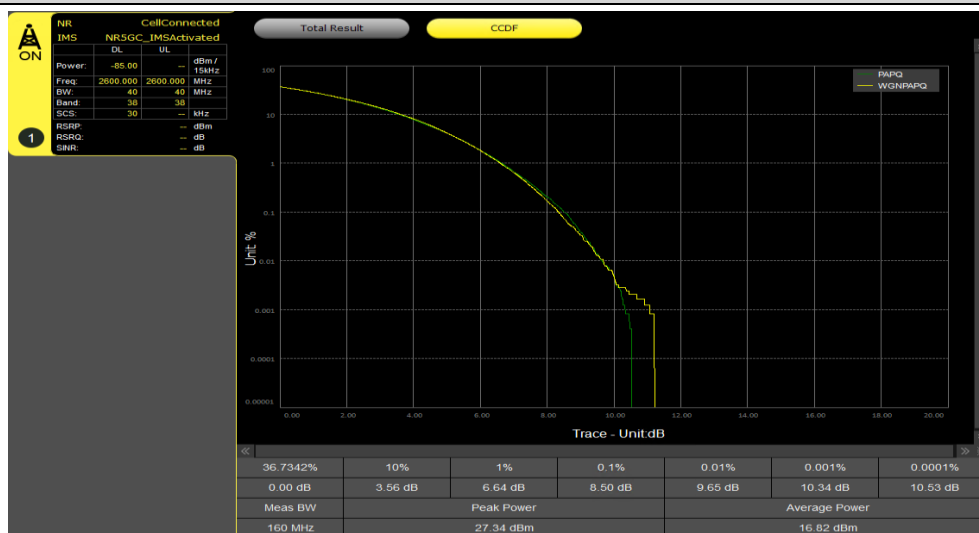
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1-N38-PC3-30-40-H-1-DFT-256QAM-Outer_Full-100@0-Ant3-6.62-100%-0.00-6.62-PASS-≤13



1-N38-PC3-30-40-H-2-CP-256QAM-Outer_Full-106@0-Ant3-8.50-100%-0.00-8.50-PASS-≤13

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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Result	Verdict
N38	30	10	DFT-PI2BPSK	M	Outer_Full	8.64	9.480	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	8.6	9.400	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	8.6	9.360	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	8.64	9.560	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	8.6	9.480	PASS
N38	30	10	CP-QPSK	M	Outer_Full	8.6	9.400	PASS
N38	30	10	CP-16QAM	M	Outer_Full	8.6	9.500	PASS
N38	30	10	CP-64QAM	M	Outer_Full	8.65	9.600	PASS
N38	30	10	CP-256QAM	M	Outer_Full	8.65	9.600	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	13.05	14.400	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	12.975	14.175	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	12.975	14.325	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	12.975	14.325	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	12.975	14.325	PASS
N38	30	15	CP-QPSK	M	Outer_Full	13.65	14.925	PASS
N38	30	15	CP-16QAM	M	Outer_Full	13.65	14.925	PASS
N38	30	15	CP-64QAM	M	Outer_Full	13.65	14.925	PASS
N38	30	15	CP-256QAM	M	Outer_Full	13.65	14.850	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	18	19.300	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	18	19.300	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	17.9	19.500	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	18	19.300	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	18	19.300	PASS
N38	30	20	CP-QPSK	M	Outer_Full	18.4	19.700	PASS
N38	30	20	CP-16QAM	M	Outer_Full	18.3	19.700	PASS
N38	30	20	CP-64QAM	M	Outer_Full	18.4	19.700	PASS
N38	30	20	CP-256QAM	M	Outer_Full	18.3	19.800	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	26.85	28.800	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	26.85	29.100	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	27	29.100	PASS
N38	30	30	DFT-64QAM	M	Outer_Full	26.85	29.100	PASS



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N38	30	30	DFT-256QAM	M	Outer_Full	26.85	29.400	PASS
N38	30	30	CP-QPSK	M	Outer_Full	27.9	29.850	PASS
N38	30	30	CP-16QAM	M	Outer_Full	27.9	30.000	PASS
N38	30	30	CP-64QAM	M	Outer_Full	27.9	30.300	PASS
N38	30	30	CP-256QAM	M	Outer_Full	28.08	30.000	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	36	38.400	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	36	38.400	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	36	38.600	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	36	39.400	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	36	38.600	PASS
N38	30	40	CP-QPSK	M	Outer_Full	38	40.800	PASS
N38	30	40	CP-16QAM	M	Outer_Full	38	40.400	PASS
N38	30	40	CP-64QAM	M	Outer_Full	38	40.600	PASS
N38	30	40	CP-256QAM	M	Outer_Full	38	40.600	PASS



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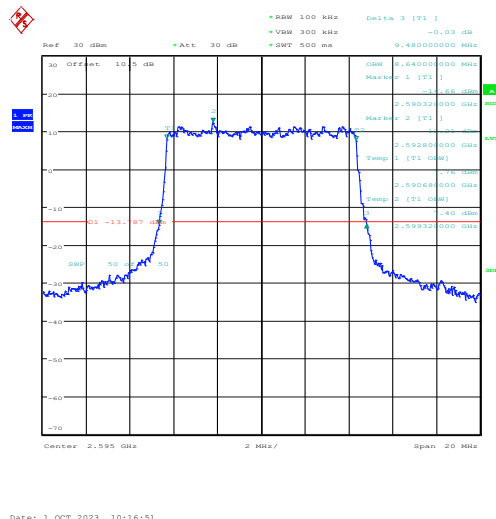
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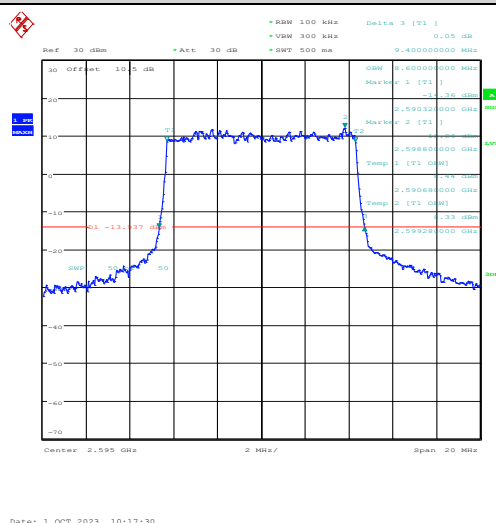
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Test Graphs



1-N38-PC3-30-10-M-1-DFT-PI2BPSK-Outer_Full-24@0-Ant3-8.64-9.480-≤10-PASS



1-N38-PC3-30-10-M-2-DFT-QPSK-Outer_Full-24@0-Ant3-8.6-9.400-≤10-PASS



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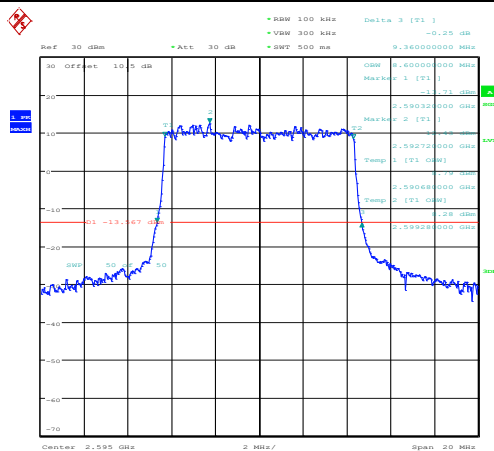
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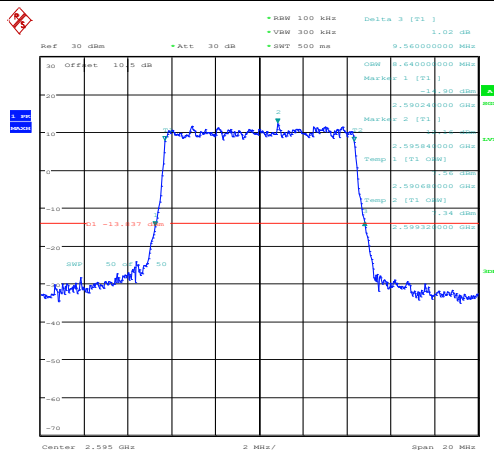
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Date: 1.OCT.2023 10:18:10

1-N38-PC3-30-10-M-3-DFT-16QAM-Out-24@0-Ant3-8.6-9.360-≤10-PASS



Date: 1.OCT.2023 10:18:49

1-N38-PC3-30-10-M-4-DFT-64QAM-Out-24@0-Ant3-8.64-9.560-≤10-PASS



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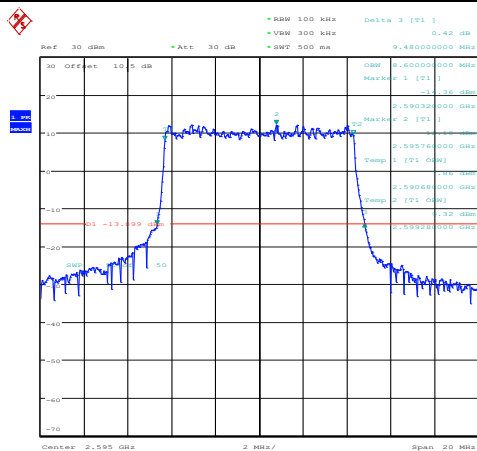
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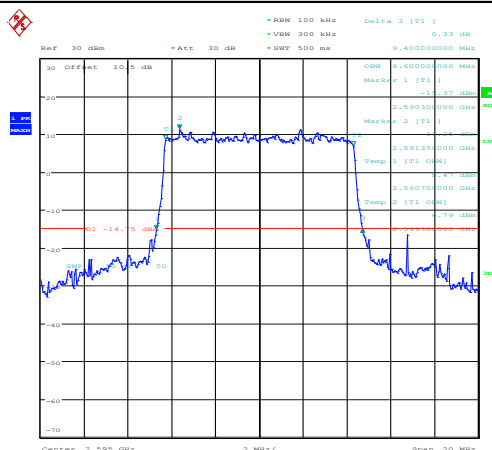
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Date: 1.OCT.2023 10:19:29

1-N38-PC3-30-10-M-5-DFT-256QAM-Outer_Full-24@0-Ant3-8.6-9.480-≤10-PASS



Date: 1.OCT.2023 10:23:17

1-N38-PC3-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant3-8.6-9.400-≤10-PASS



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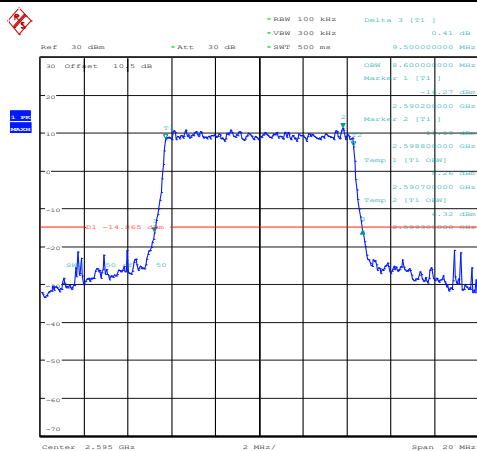
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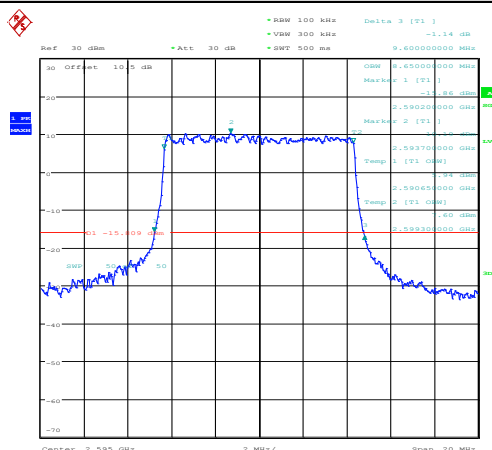
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Date: 1.OCT.2023 10:23:56

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Date: 1.OCT.2023 10:24:36

1-N38-PC3-30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant3-8.65-9.600≤10-PASS



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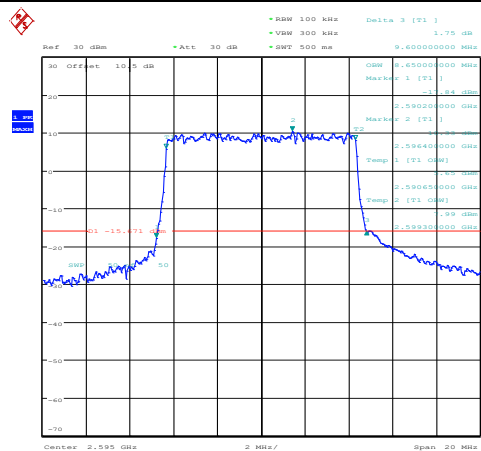
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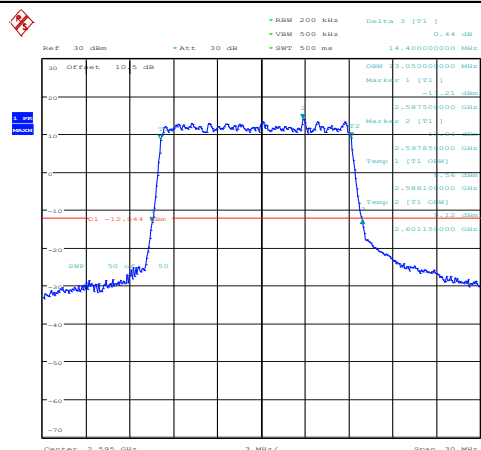
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Date: 1.OCT.2023 10:25:15

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Date: 1.OCT.2023 10:26:54

1-N38-PC3-30-15-M-1-DFT-PI2BPSK-Outer_Full-36@0-Ant3-13.05-14.400-≤15-PASS



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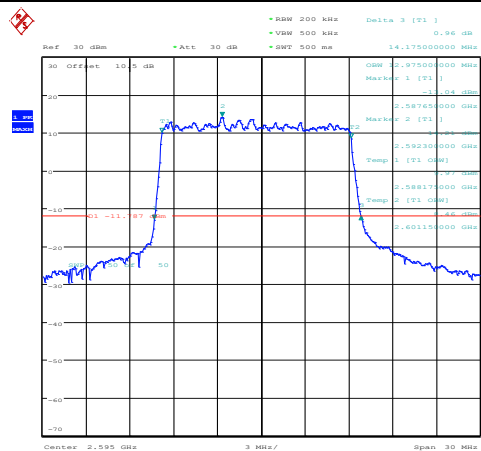
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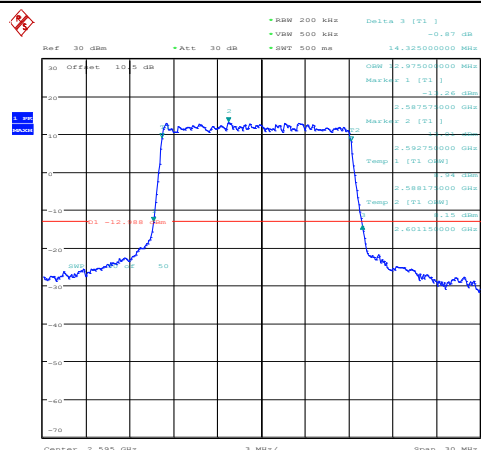
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Date: 1.OCT.2023 10:27:34

1-N38-PC3-30-15-M-2-DFT-QPSK-Outer_Full-36@0-Ant3-12.975-14.175-≤15-PASS



Date: 1.OCT.2023 10:28:14

1-N38-PC3-30-15-M-3-DFT-16QAM-Outer_Full-36@0-Ant3-12.975-14.325-≤15-PASS



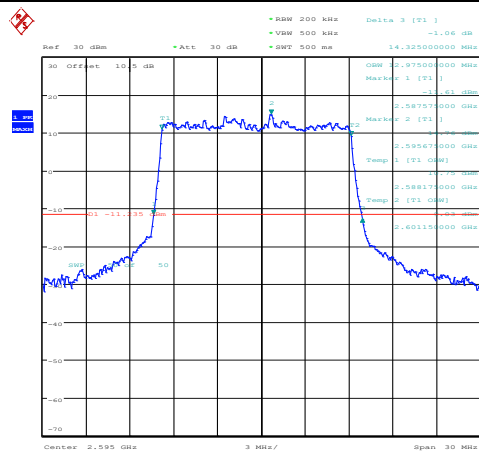
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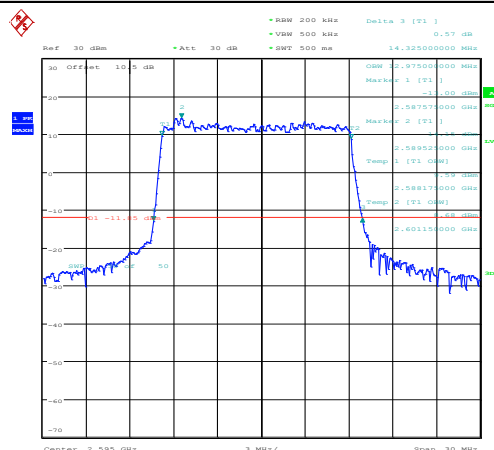
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Date: 1.OCT.2023 10:29:34

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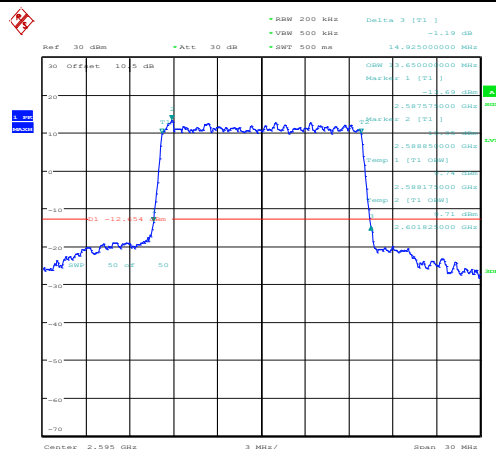
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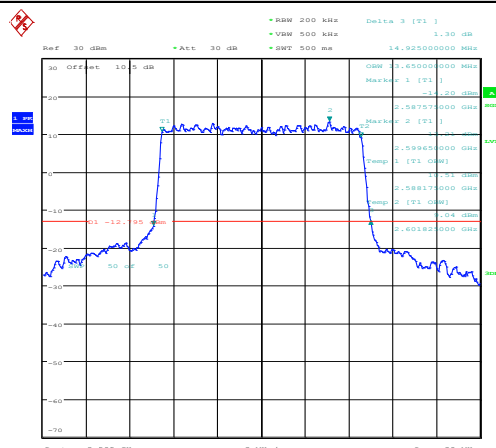
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Date: 1.OCT.2023 10:31:12

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Date: 1.OCT.2023 10:31:52

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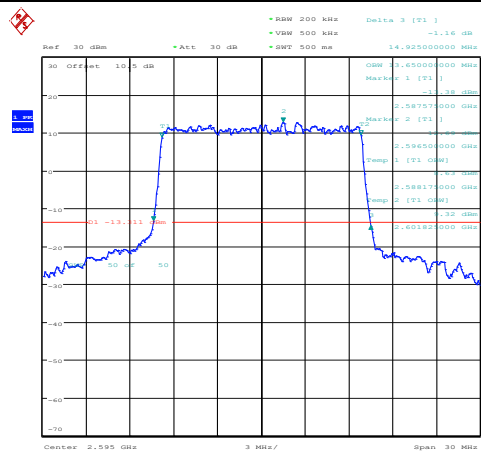
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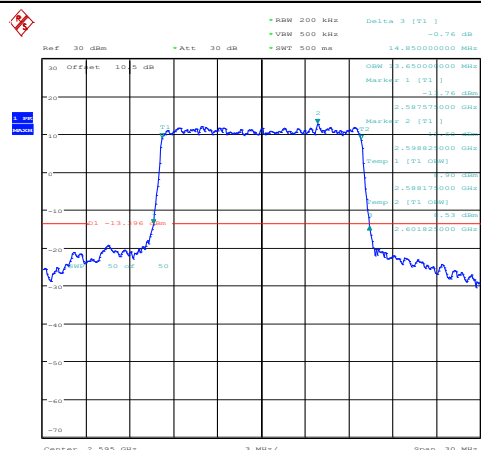
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Date: 1.OCT.2023 10:32:32

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Date: 1.OCT.2023 10:33:11

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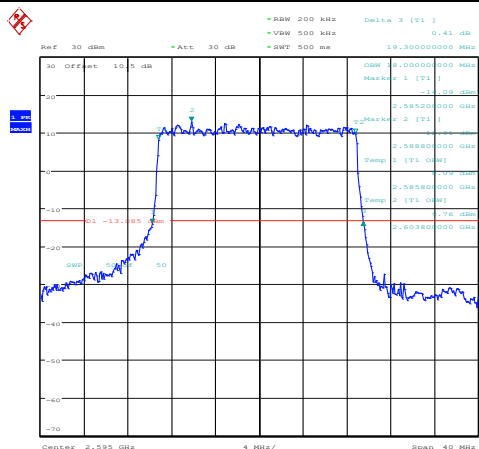
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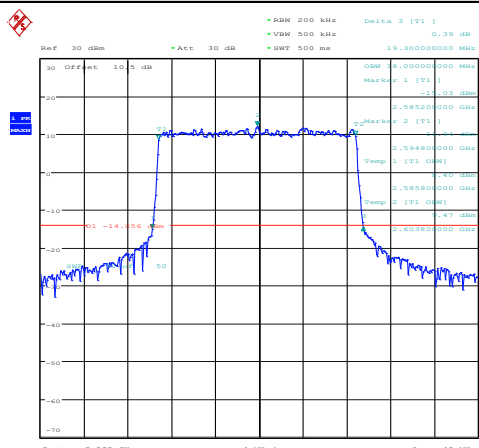
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Date: 1.OCT.2023 10:35:34

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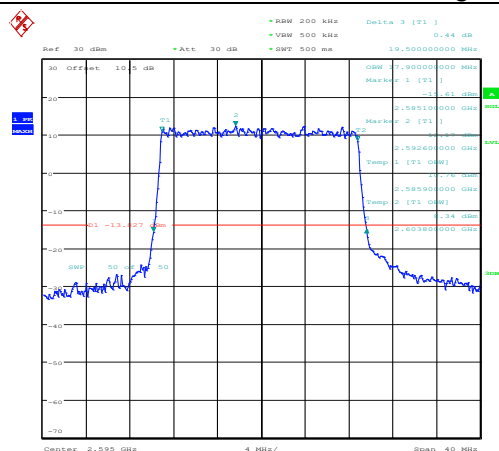
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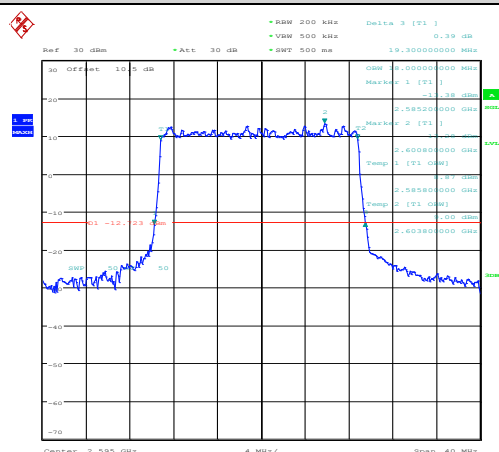
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Date: 1 OCT 2023 10:36:15

1-N38-PC3-30-20-M-3-DFT-16QAM-Outer Full-50@0-Ant3-17.9-19.500-≤20-PASS



Date: 1.OCT.2023 10:36:55

1-N38-PC3-30-20-M-4-DFT-64QAM-Outer Full-50@0-Ant3-18-19.300-≤20-PASS



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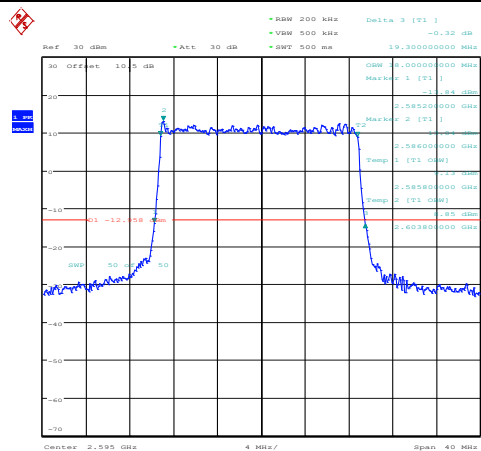
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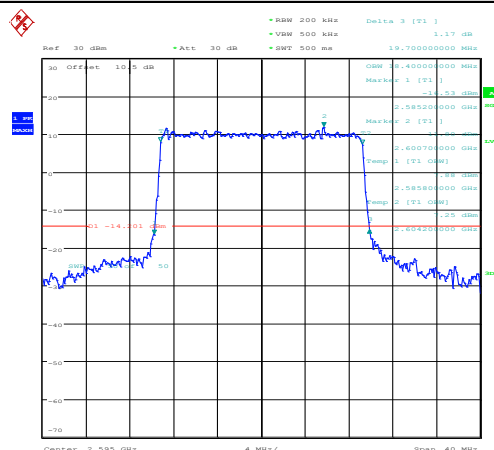
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Date: 1.OCT.2023 10:37:35

1-N38-PC3-30-20-M-5-DFT-256QAM-Outer Full-50@0-Ant3-18-19.300-≤20-PASS



Date: 1.OCT.2023 10:39:18

1-N38-PC3-30-20-M-6-CP-QPSK-Outter Full-51@0-Ant3-18.4-19.700-≤20-PASS



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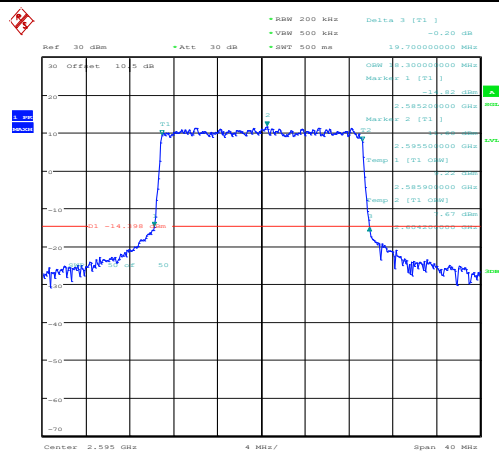
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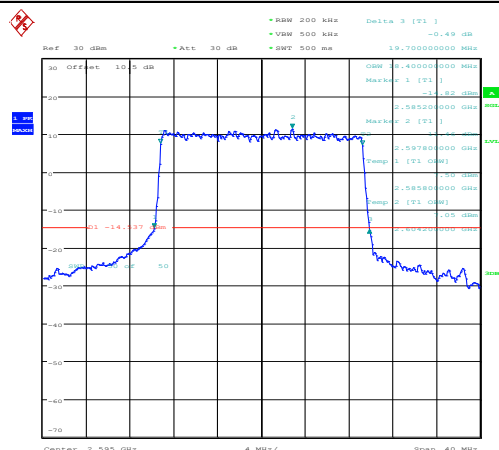
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Date: 1.OCT.2023 10:39:58

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Date: 1.OCT.2023 10:40:38

1-N38-PC3-30-20-M-8-CP-64QAM-Outer Full-51@0-Ant3-18.4-19.700-≤20-PASS



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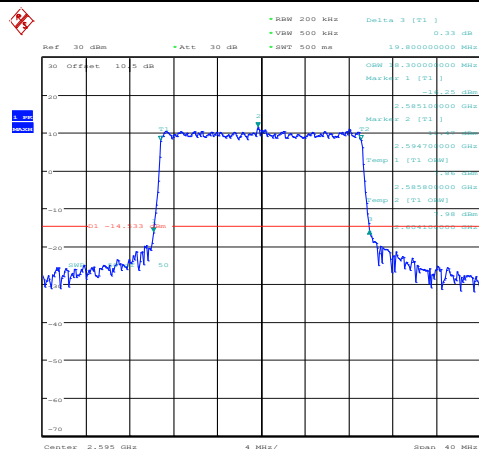
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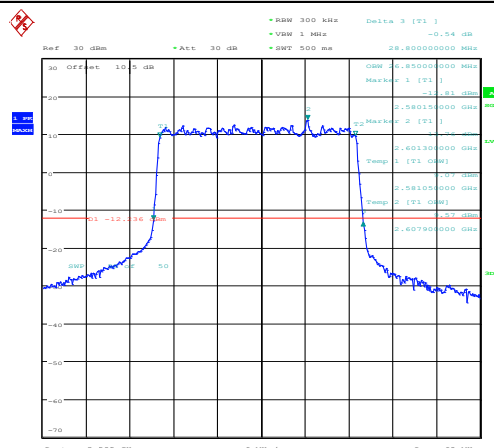
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Date: 1.OCT.2023 10:41:18

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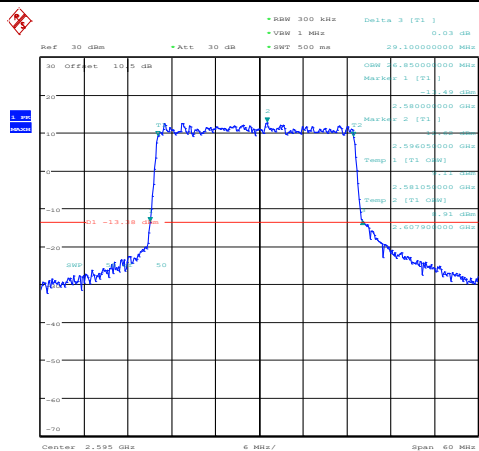
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1-N38-PC3-30-30-M-1-DFT-PI2BPSK-Outer_Full-75@0-Ant3-26.85-28.800-≤30-PASS

Report No.: XEWM2309000451RG02

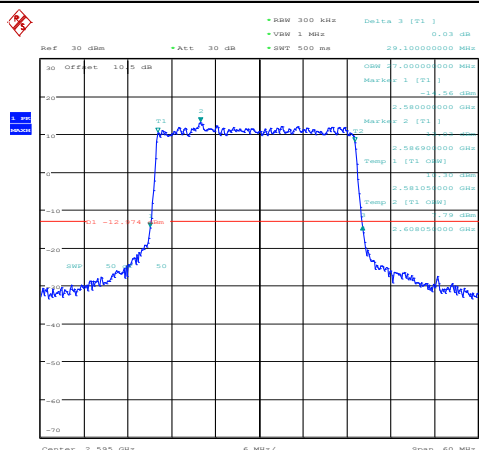
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Date: 1.OCT.2023 10:43:33

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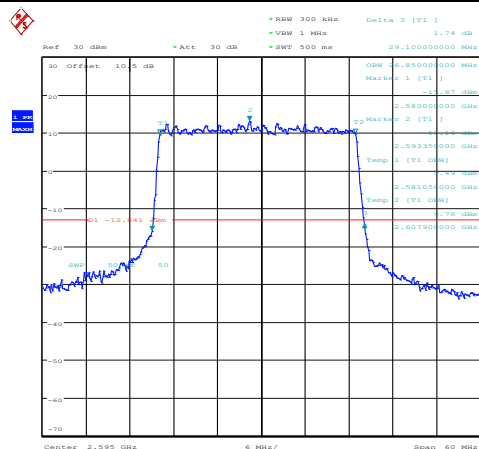
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Report No.: XEWM2309000451RG02

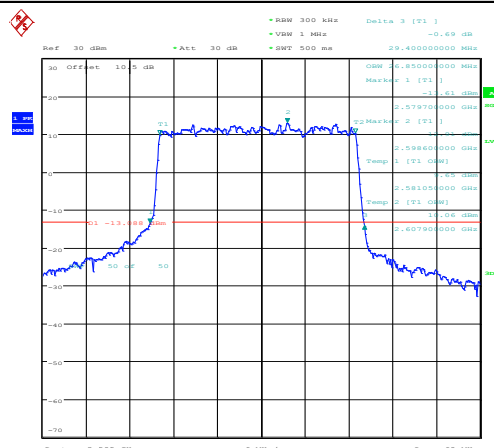
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Date: 1.OCT.2023 10:44:45

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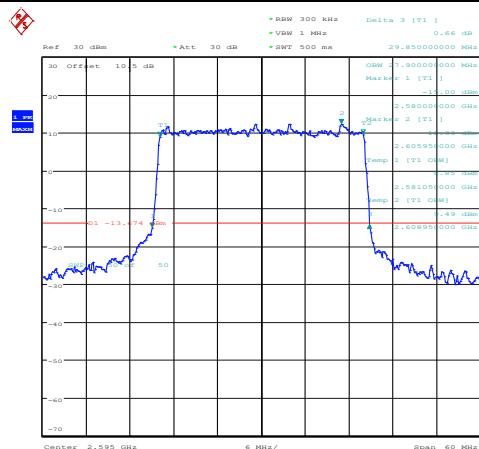
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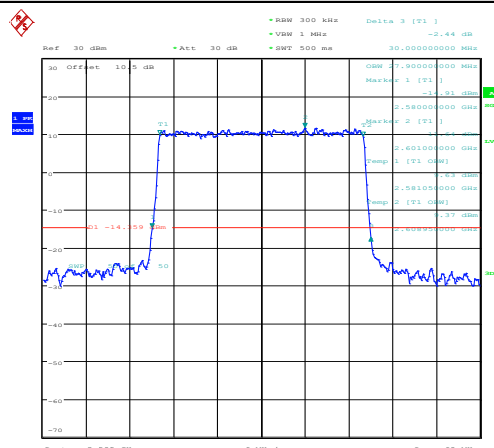
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Date: 1.OCT.2023 11:03:19

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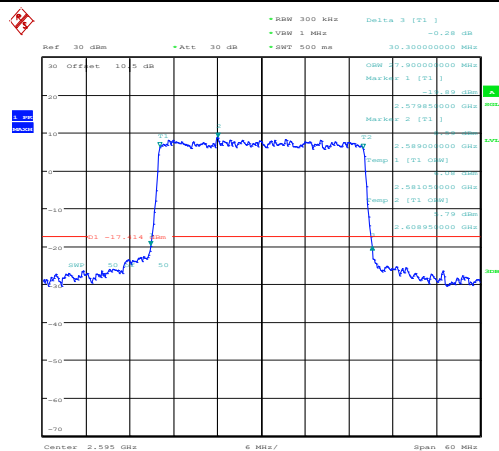
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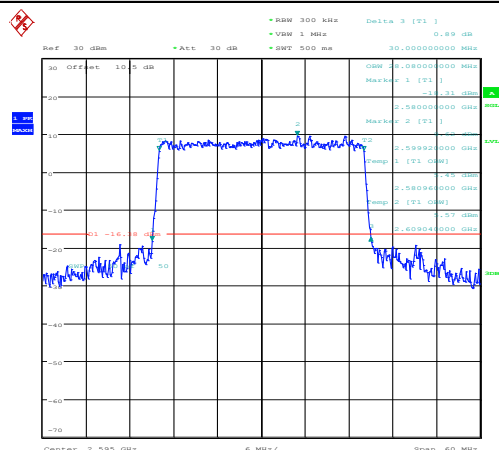
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Date: 1.OCT.2023 11:07:19

1-N38-PC3-30-30-M-8-CP-64QAM-Outer Full-78@0-Ant3-27.9-30.300-≤30-PASS



Date: 1.OCT.2023 11:14:54

1-N38-PC3-30-30-M-9-CP-256QAM-Outer Full-78@0-Ant3-28.08-30.000-≤30-PASS



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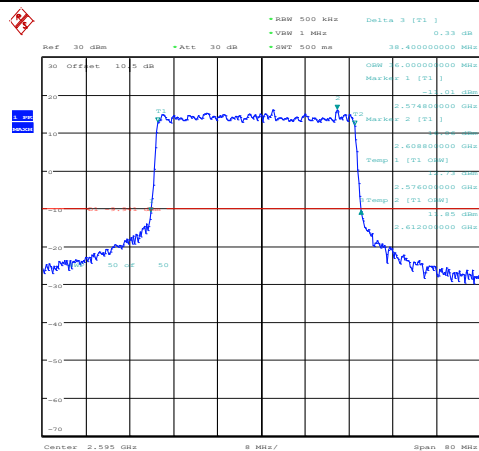
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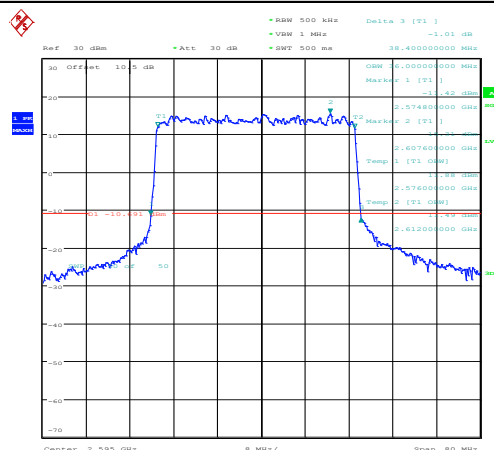
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Date: 1.OCT.2023 11:18:34

1-N38-PC3-30-40-M-1-DFT-PI2BPSK-Outer_Full-100@0-Ant3-36-38.400-≤40-PASS



Date: 1.OCT.2023 11:19:10

1-N38-PC3-30-40-M-2-DFT-QPSK-Outer_Full-100@0-Ant3-36-38.400-≤40-PASS



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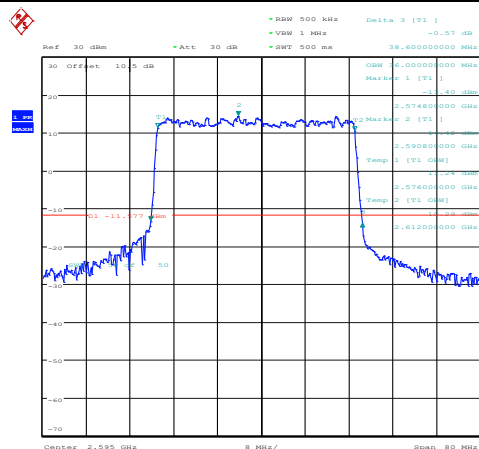
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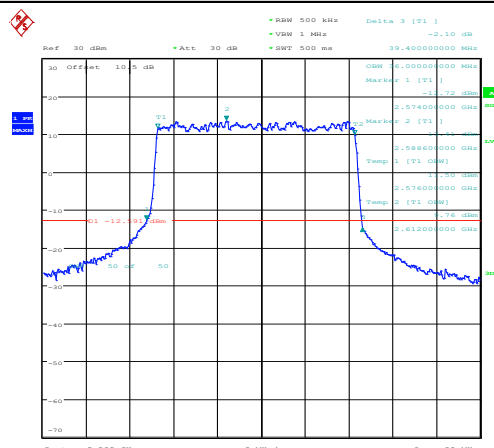
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Date: 1.OCT.2023 11:19:46

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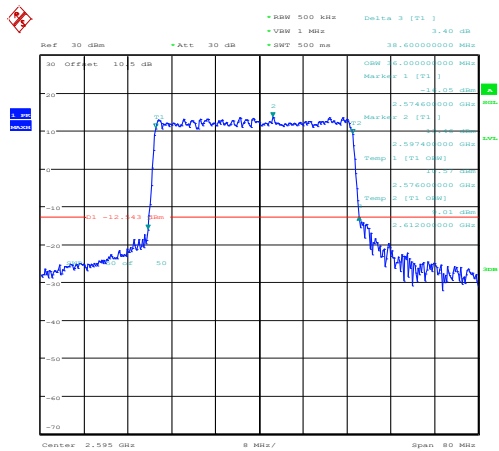


Date: 1.OCT.2023 11:20:22

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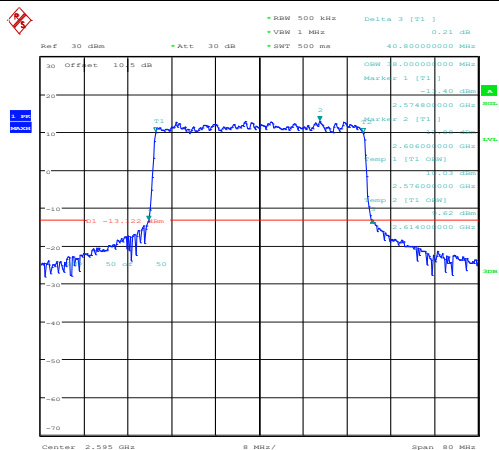
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Date: 1.OCT.2023 11:20:59

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Date: 1.OCT.2023 11:27:42

1-N38-PC3-30-40-M-6-CP-QPSK-Outer Full-106@0-Ant3-38-40.800-≤40-PASS



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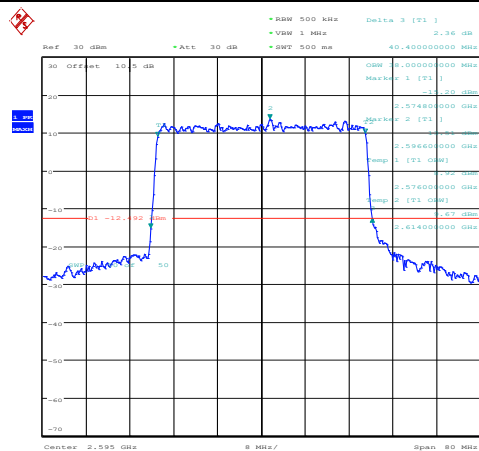
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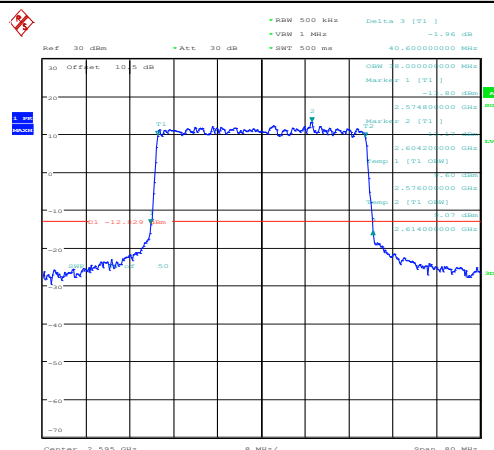
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Date: 1.OCT.2023 11:28:18

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Date: 1.OCT.2023 11:28:54

1-N38-PC3-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant3-38-40.600-≤40-PASS



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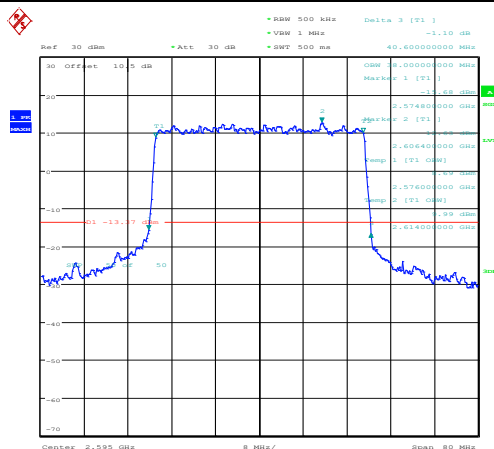
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Date: 1.OCT.2023 11:29:31

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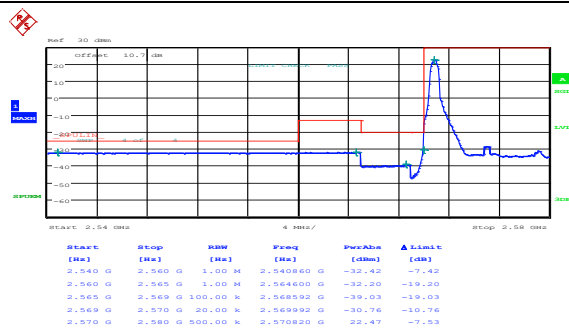
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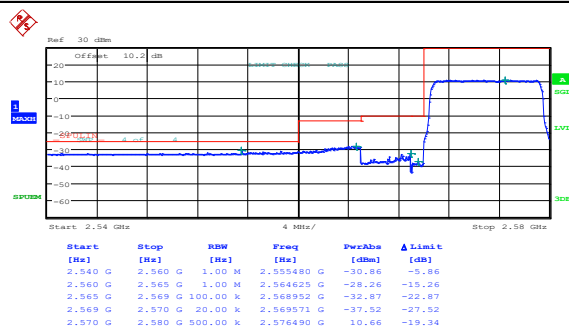
Band Edge for SA

Test Graphs



Date: 17.SEP.2023 13:14:26

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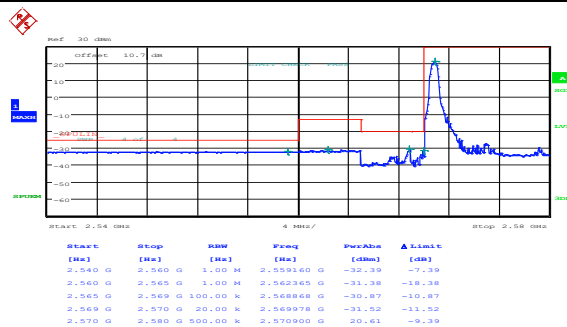
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Report No.: XEWM2309000451RG02

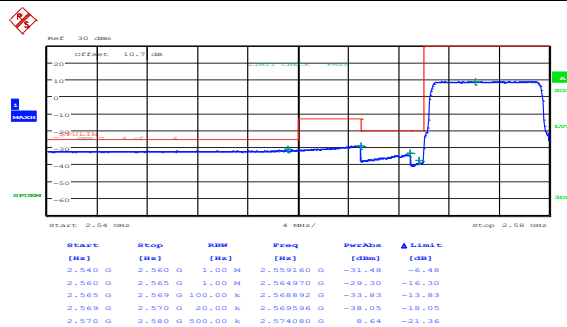
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Date: 17.SEP.2023 13:16:00

1-N38-PC3-30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-PASS



Date: 17.SEP.2023 13:16:19

1-N38-PC3-30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant3-PASS



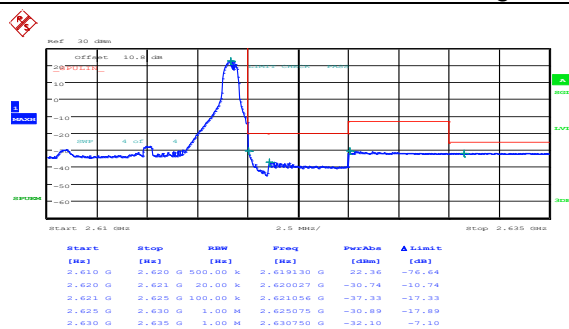
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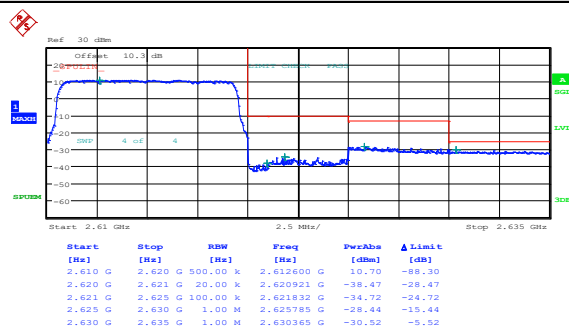
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Date: 17.SEP.2023 13:17:33

1-N38-PC3-30-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@23-Ant3-PASS



Date: 13.OCT.2023 13:46:42

1-N38-PC3-30-10-H-3-DFT-PI2BPSK-Outer_Full-24@0-Ant3-PASS



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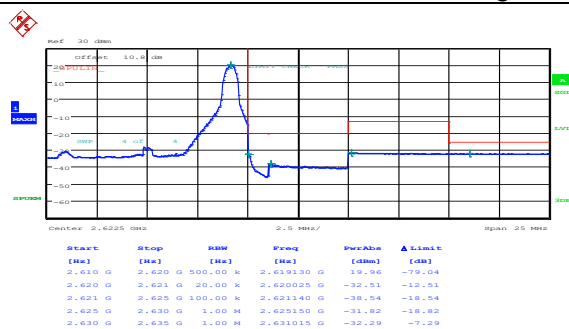
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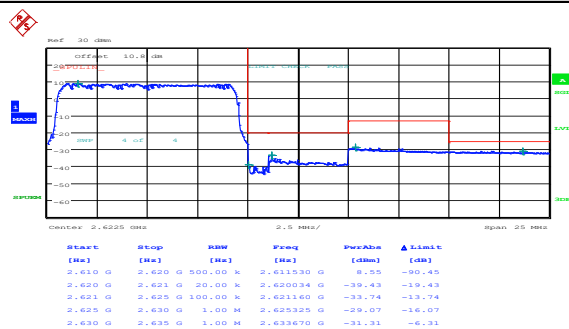
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Date: 17.SEP.2023 13:20:47

1-N38-PC3-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant3-PASS



Date: 17.SEP.2023 13:22:20

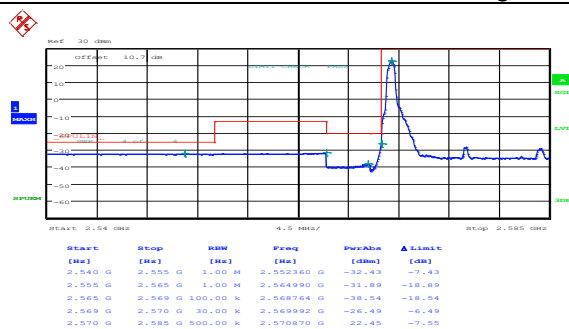
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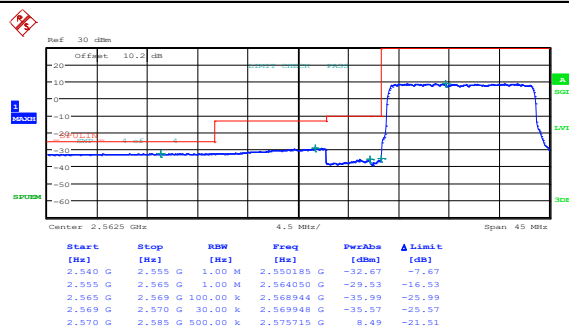
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Date: 17.SEP.2023 13:23:35

1-N38-PC3-30-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-PASS



Date: 13.OCT.2023 13:48:44

1-N38-PC3-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant3-PASS



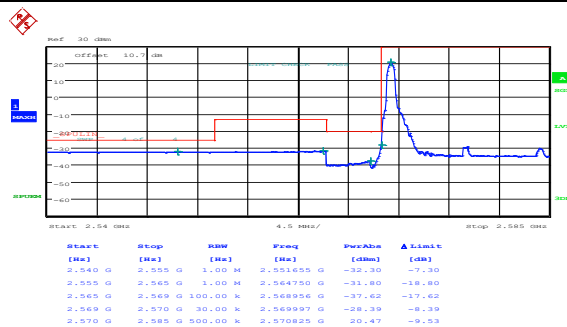
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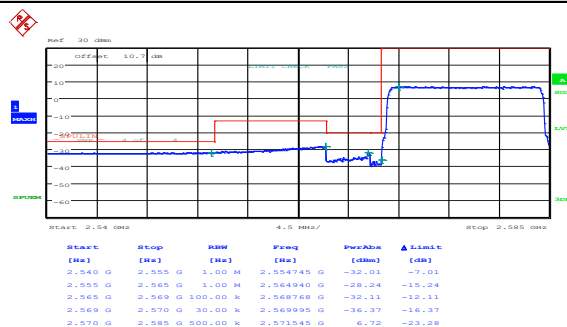
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Date: 17.SEP.2023 13:25:16

1-N38-PC3-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-PASS



Date: 17.SEP.2023 13:27:44

1-N38-PC3-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant3-PASS



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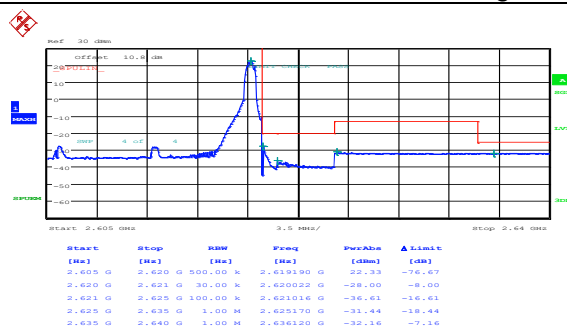
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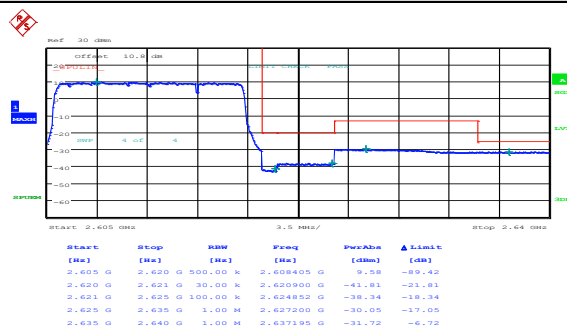
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Date: 17.SEP.2023 13:28:58

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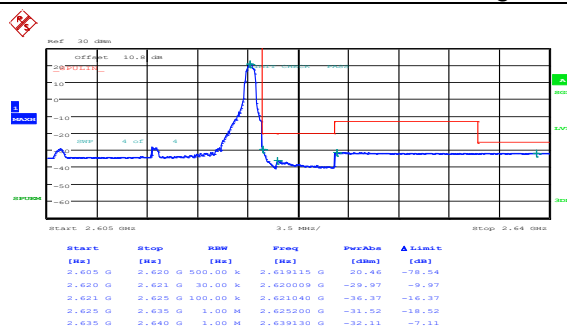
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Report No.: XEWM2309000451RG02

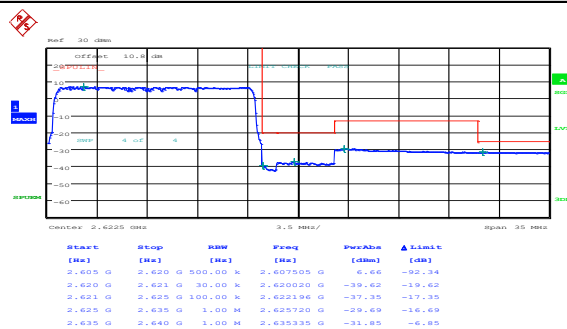
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Date: 17.SEP.2023 13:31:17

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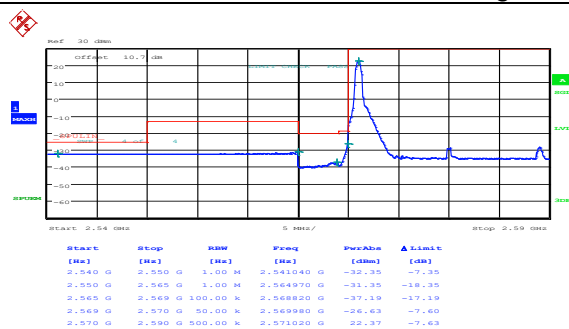
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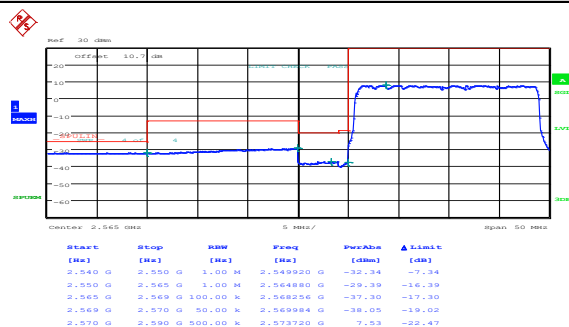
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Date: 17.SEP.2023 13:34:37

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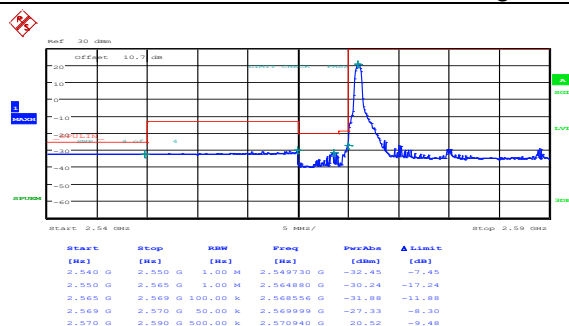
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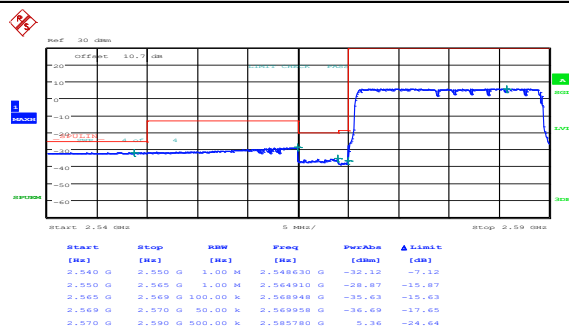
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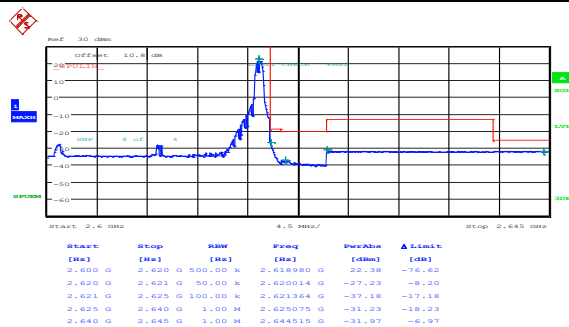
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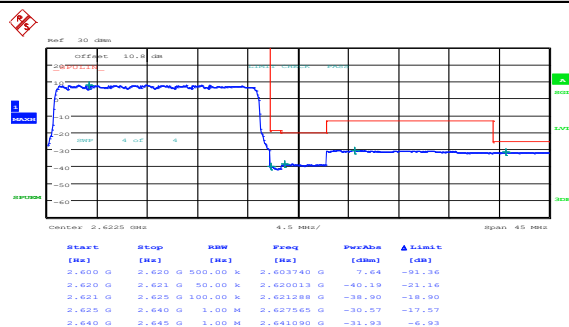
1-N38-PC3-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant3-PASS

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Date: 17.SEP.2023 13:38:40

1-N38-PC3-30-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@50-Ant3-PASS



Date: 17.SEP.2023 13:39:47

1-N38-PC3-30-20-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant3-PASS



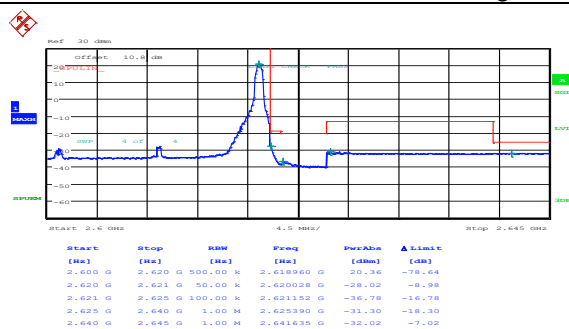
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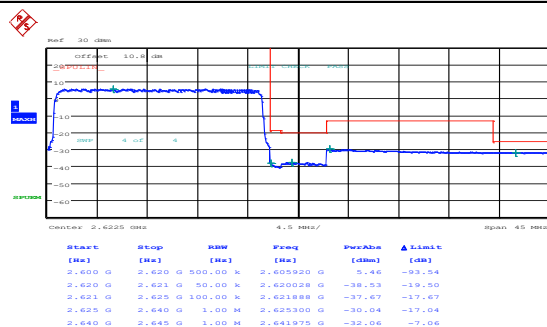
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Date: 17.SEP.2023 13:41:02

1-N38-PC3-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant3-PASS



Date: 17.SEP.2023 13:42:03

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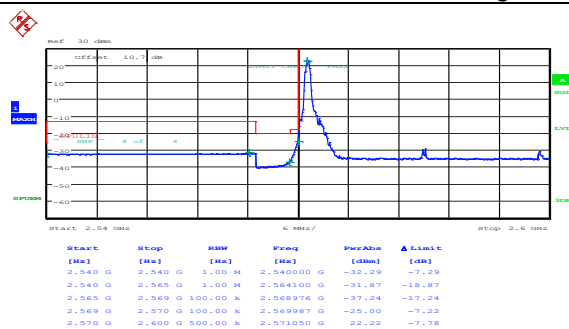
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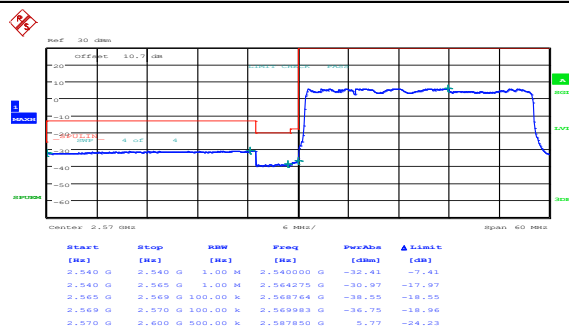
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Date: 17.SEP.2023 13:44:35

1-N38-PC3-30-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-PASS



Date: 17.SEP.2023 13:45:41

1-N38-PC3-30-30-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant3-PASS



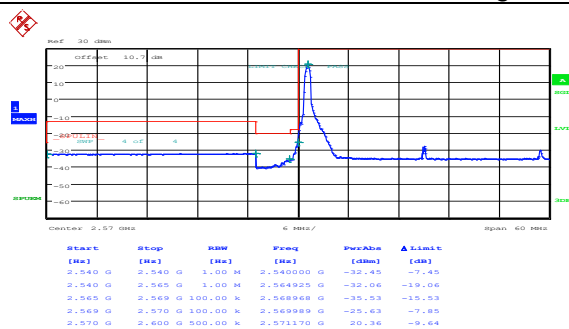
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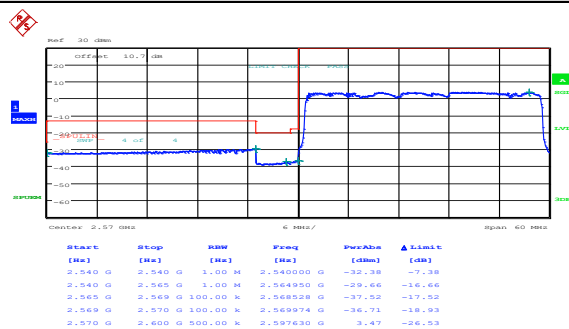
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1-N38-PC3-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-PASS



Date: 17.SEP.2023 13:48:47

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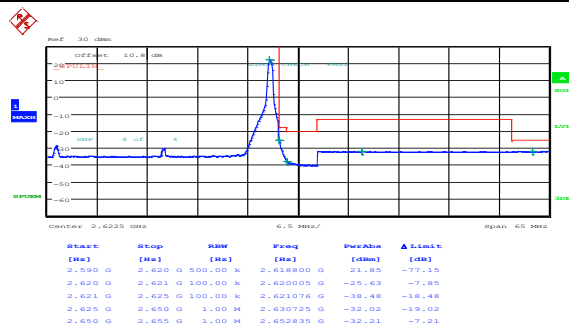
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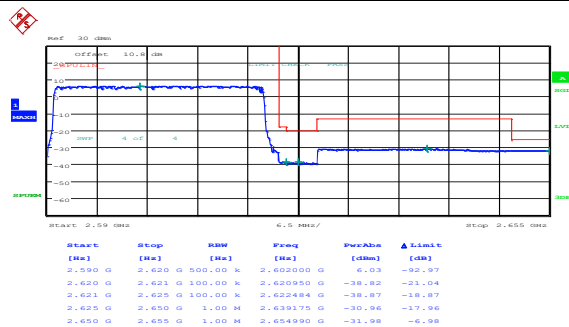
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Date: 17.SEP.2023 13:50:47

1-N38-PC3-30-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@77-Ant3-PASS



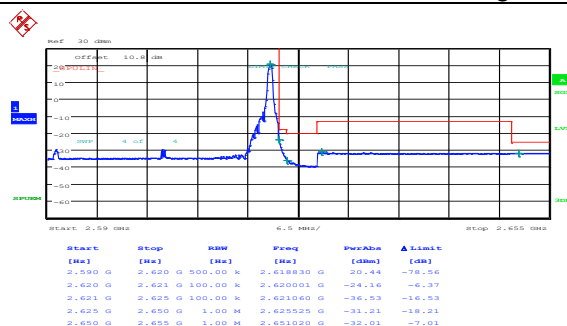
Date: 17.SEP.2023 13:51:08

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Report No.: XEWM2309000451RG02

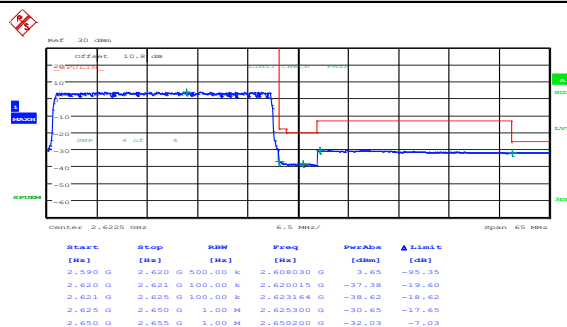
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Date: 17.SEP.2023 13:55:59

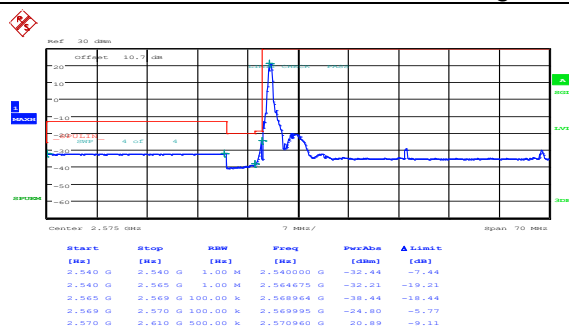
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Date: 17.SEP.2023 13:57:05

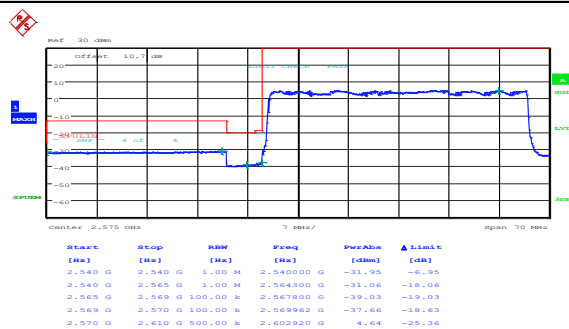
1-N38-PC3-30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant3-PASS

Report No.: XEWM2309000451RG02
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Date: 17.SEP.2023 13:59:03

1-N38-PC3-30-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-PASS



Date: 17.SEP.2023 14:00:13

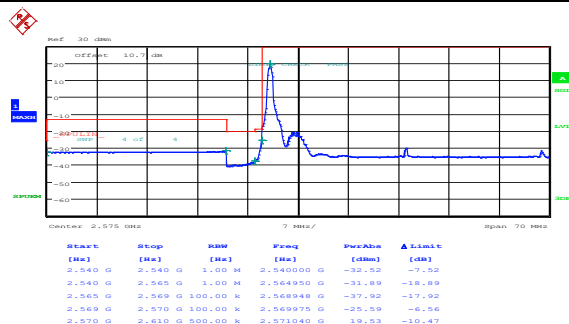
1-N38-PC3-30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant3-PASS



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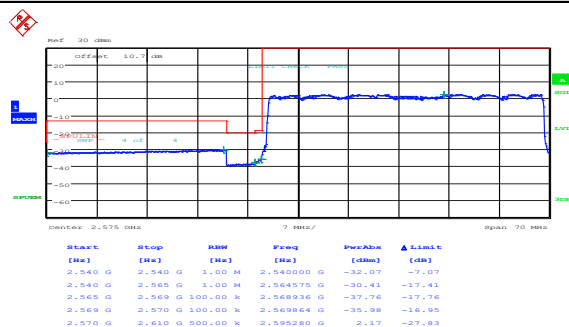
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Date: 17.SEP.2023 14:02:13

1-N38-PC3-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-PASS



Date: 17.SEP.2023 14:04:40

1-N38-PC3-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant3-PASS



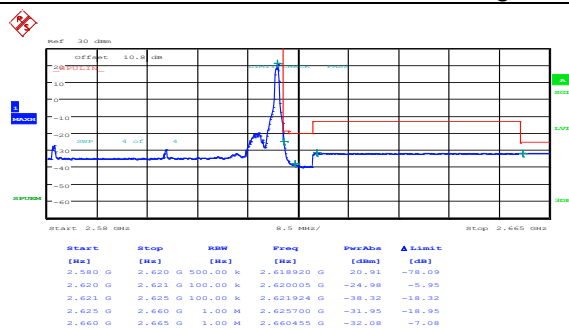
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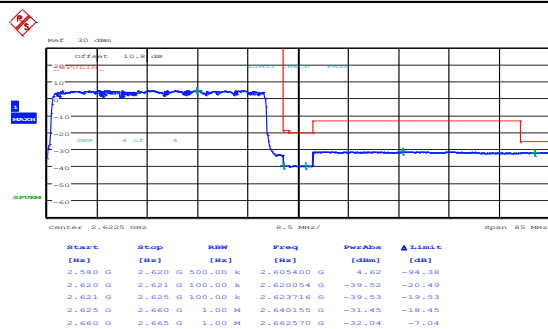
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Date: 17.SEP.2023 14:06:42

1-N38-PC3-30-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant3-PASS



Date: 17.SEP.2023 14:07:50

1-N38-PC3-30-40-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant3-PASS



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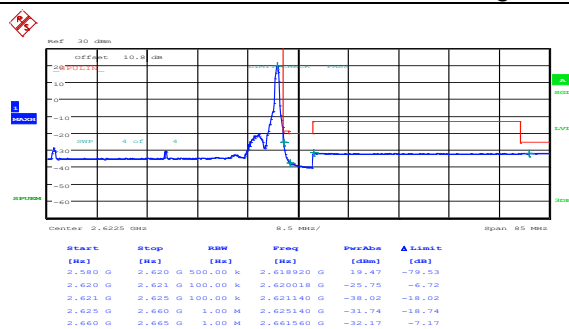
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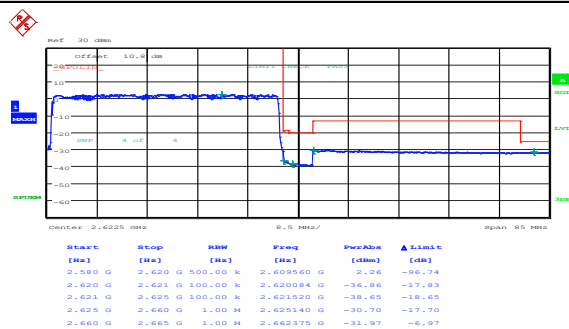
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Date: 17.SEP.2023 14:09:48

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Date: 17.SEP.2023 14:10:53

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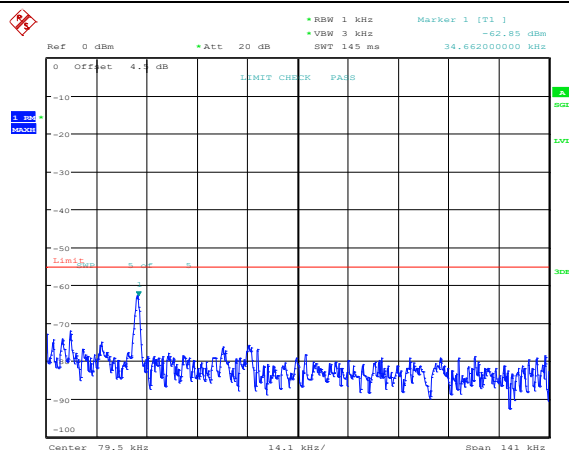
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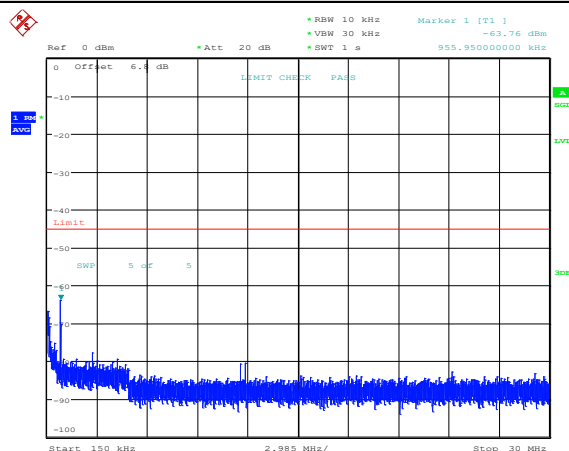
Conducted Spurious Emission for SA

Test Graphs



Date: 13.OCT.2023 13:55:14

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Date: 13.SEP.2023 13:49:20

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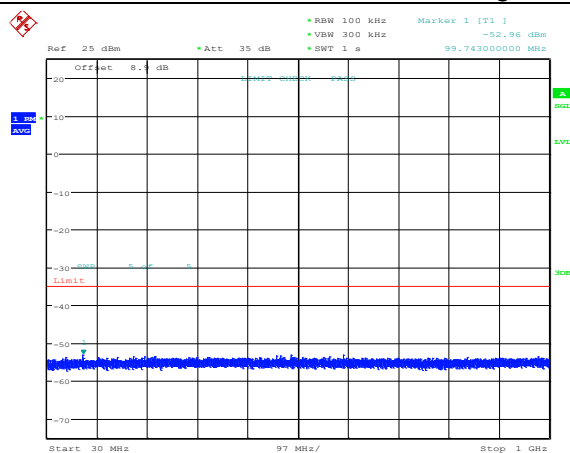
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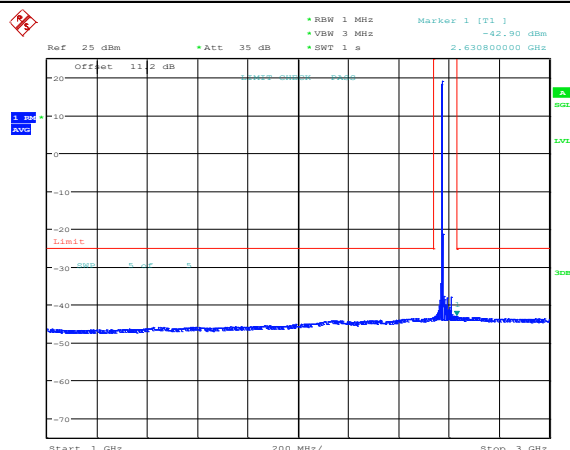
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Date: 13.SEP.2023 13:49:29

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Date: 13.SEP.2023 13:49:38

1-N38-PC3-30-40-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant3-2630.80--42.90--25-PA
SS



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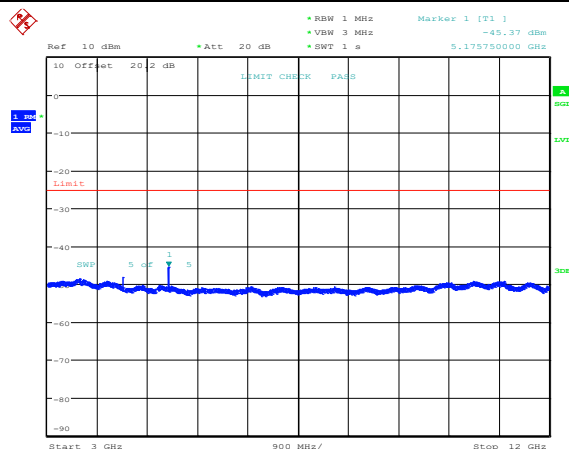
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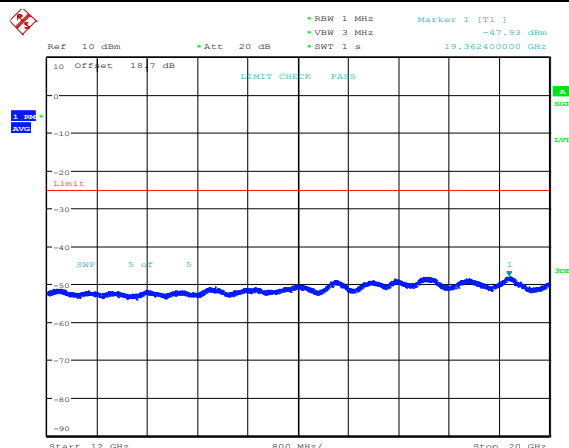
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Date: 13.SEP.2023 13:49:47

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Date: 13.SEP.2023 13:49:57

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PASS



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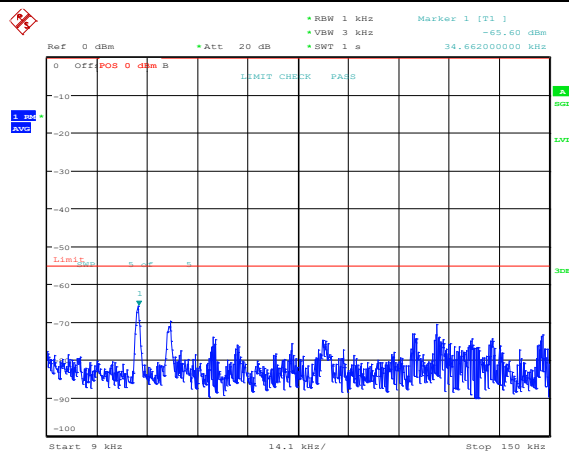
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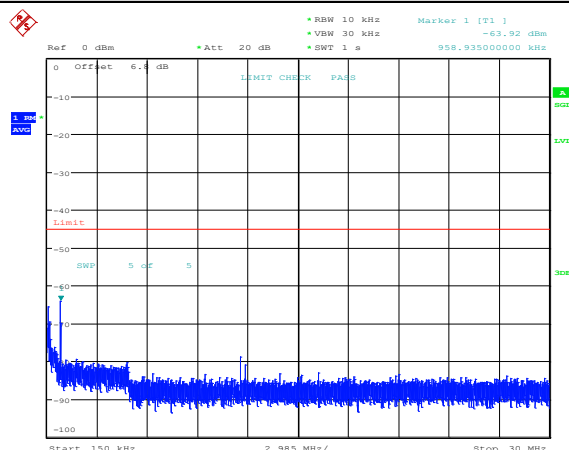
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Date: 12.SEP.2023 10:12:36

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Date: 12.SEP.2023 10:12:45

1-N38-PC3-30-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant3-0.96--63.92--45-PASS



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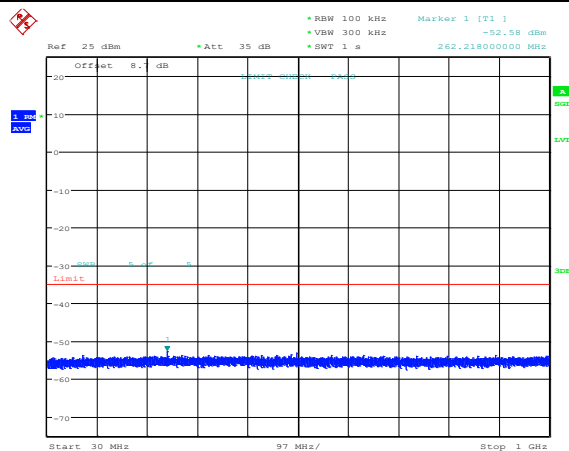
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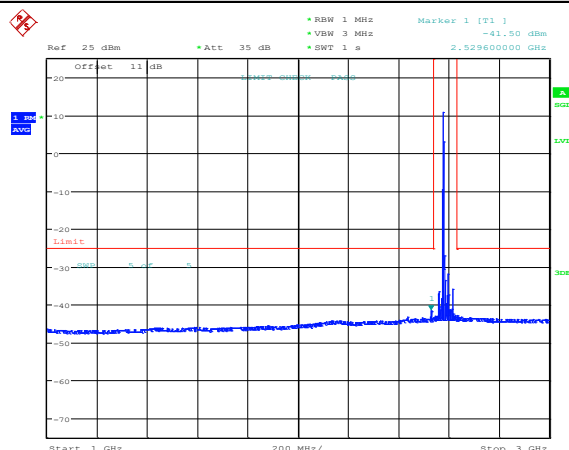
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Date: 12.SEP.2023 10:12:54

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Date: 12.SEP.2023 10:13:03

1-N38-PC3-30-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant3-2529.60--41.50--25-PASS



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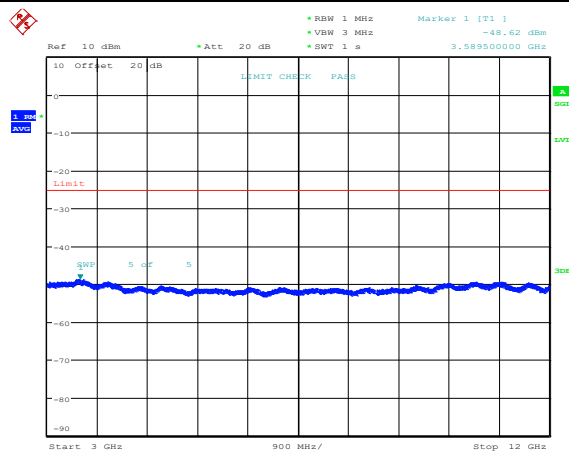
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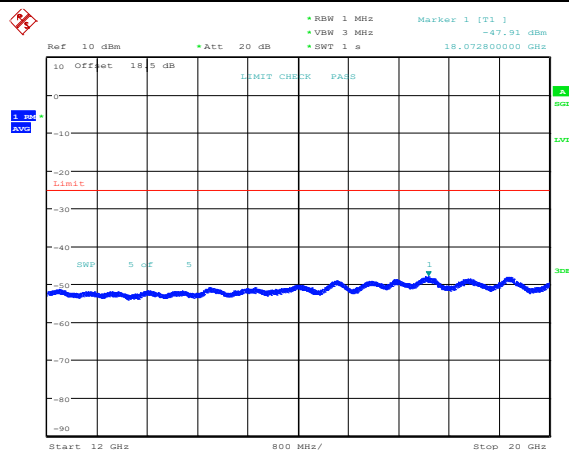
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Date: 12.SEP.2023 10:13:12

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Date: 12.SEP.2023 10:13:21

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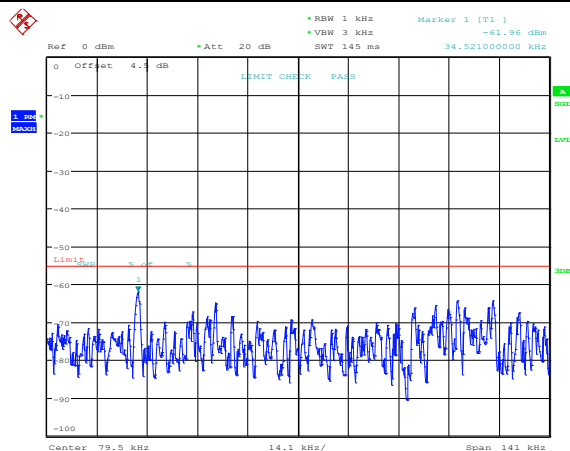
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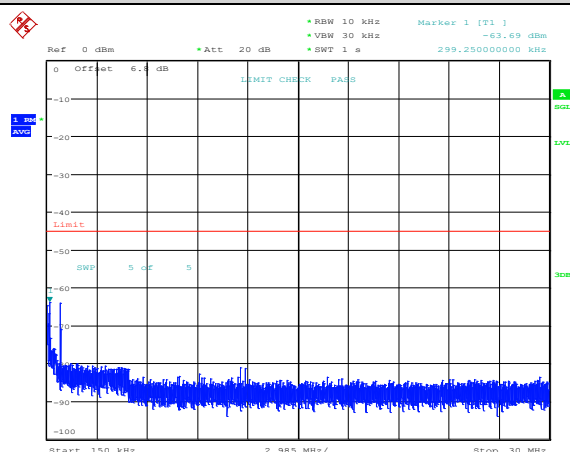
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Date: 13 OCT 2023 14:02:46

1-N38-PC3-30-40-H-1-NS 01-DFT-PI2BPSK-Inner 1RB Left-1@1-0.009-0.15-Ant3-0.034--61.96--55-PASS



Date: 13.SEP.2023 13:51:12

1-N38-PC3-30-40-H-1-NS 01-DFT-PI2BPSK-Inner 1RB Left-1@1-0.15-30-Ant3-0.30--63.69--45-PASS



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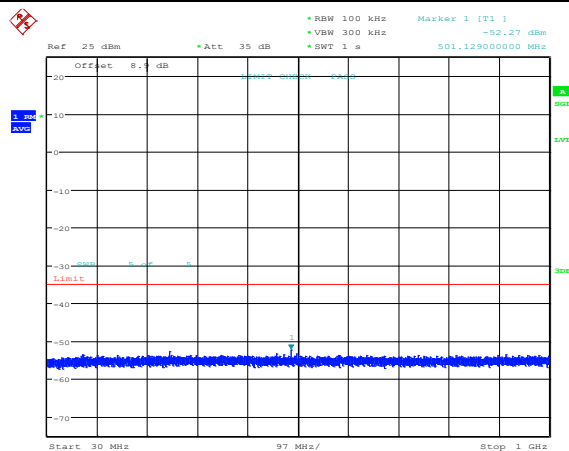
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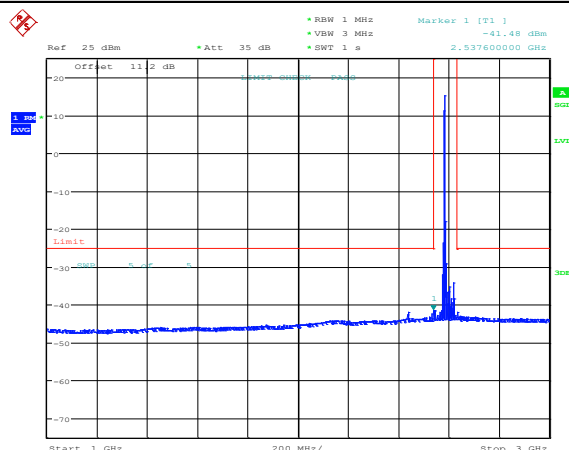
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Date: 13.SEP.2023 13:51:21

1-N38-PC3-30-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant3-501.13--52.27--35-PASS



Date: 13.SEP.2023 13:51:30

1-N38-PC3-30-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant3-2537.60--41.48--25-PA

SS



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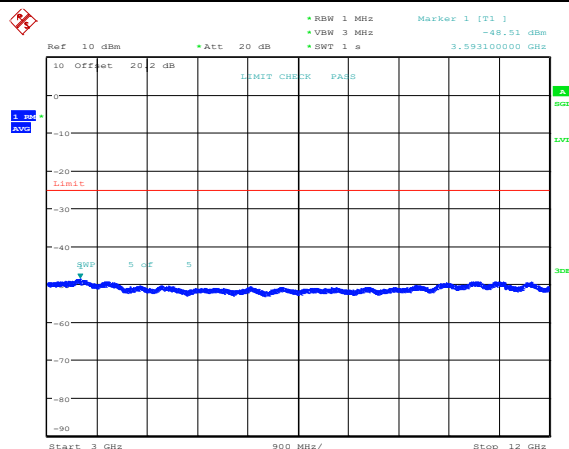
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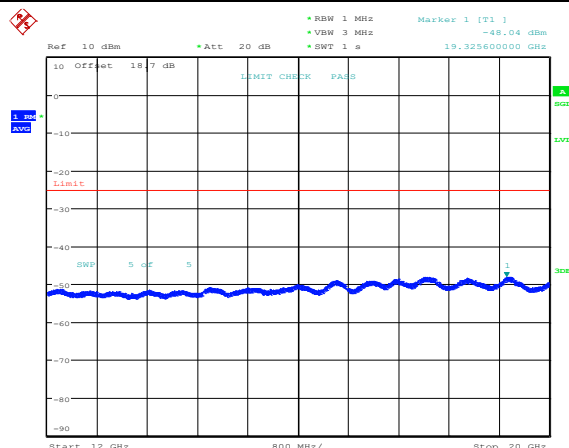
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Date: 13.SEP.2023 13:51:39

1-N38-PC3-30-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant3-3593.10--48.51--25-P
ASS



Date: 13.SEP.2023 13:51:48

1-N38-PC3-30-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant3-19325.60--48.04--25-
PASS



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Field Strength of Spurious Radiation

Test Band = SA_N38 ANT 4

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3969	46.95	-44.18	29.86	-62.63	-25.00	37.63	Horizontal
2	5142	47.71	-42.53	31.75	-58.33	-25.00	33.33	Horizontal
3	7713.5	46.91	-37.61	36.69	-49.27	-25.00	24.27	Horizontal
4	10974	43.02	-37.10	40.13	-49.21	-25.00	24.21	Horizontal
5	13577	42.98	-37.87	40.05	-50.10	-25.00	25.10	Horizontal
6	17994	41.41	-43.09	48.09	-48.85	-25.00	23.85	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4032.5	47.14	-44.20	29.67	-62.65	-25.00	37.65	Vertical
2	5866	45.71	-41.22	32.66	-58.11	-25.00	33.11	Vertical
3	7713.5	47.27	-37.61	36.69	-48.91	-25.00	23.91	Vertical
4	9882	42.35	-35.10	38.46	-49.55	-25.00	24.55	Vertical
5	13565.5	43.16	-37.89	40.03	-49.96	-25.00	24.96	Vertical
6	17987.5	41.36	-43.14	47.98	-49.06	-25.00	24.06	Vertical



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Test Band = SA_N38 ANT 4

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4686.5	47.44	-42.96	30.49	-60.29	-25.00	35.29	Horizontal
2	6199.5	45.60	-40.80	33.50	-56.96	-25.00	31.96	Horizontal
3	7946	43.63	-37.38	36.41	-52.60	-25.00	27.60	Horizontal
4	10720	44.04	-37.81	39.52	-49.51	-25.00	24.51	Horizontal
5	13553.5	43.27	-37.91	40.01	-49.89	-25.00	24.89	Horizontal
6	16396	42.08	-34.84	38.79	-49.23	-25.00	24.23	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3940.5	47.69	-44.19	29.86	-61.90	-25.00	36.90	Vertical
2	5152	54.41	-42.54	31.80	-51.59	-25.00	26.59	Vertical
3	7377.5	44.55	-38.42	36.61	-52.52	-25.00	27.52	Vertical
4	10968	42.93	-37.12	40.13	-49.32	-25.00	24.32	Vertical
5	13558	42.93	-37.90	40.02	-50.21	-25.00	25.21	Vertical
6	17987.5	41.32	-43.14	47.98	-49.10	-25.00	24.10	Vertical



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Report No.: XEWM2309000451RG02

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Test Band = SA_N38 ANT 4

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4001	47.61	-44.17	29.80	-62.02	-25.00	37.02	Horizontal
2	6123.5	45.36	-40.60	33.35	-57.15	-25.00	32.15	Horizontal
3	7905	43.71	-37.47	36.49	-52.53	-25.00	27.53	Horizontal
4	9887.5	42.32	-35.06	38.50	-49.50	-25.00	24.50	Horizontal
5	13568	43.01	-37.89	40.04	-50.10	-25.00	25.10	Horizontal
6	16398	42.48	-34.83	38.79	-48.82	-25.00	23.82	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3958.5	47.33	-44.18	29.88	-62.23	-25.00	37.23	Vertical
2	5373	45.36	-42.08	32.34	-59.64	-25.00	34.64	Vertical
3	6890	45.19	-39.23	35.44	-53.86	-25.00	28.86	Vertical
4	9877	42.82	-35.14	38.42	-49.16	-25.00	24.16	Vertical
5	13567.5	43.04	-37.89	40.04	-50.07	-25.00	25.07	Vertical
6	17991	41.26	-43.11	48.04	-49.07	-25.00	24.07	Vertical



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Test Band = SA_N38 ANT 3

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4540.5	47.96	-43.06	29.68	-60.68	-25.00	35.68	Horizontal
2	5101	45.86	-42.52	31.51	-60.41	-25.00	35.41	Horizontal
3	7459	44.07	-38.29	36.82	-52.66	-25.00	27.66	Horizontal
4	9909.5	42.51	-35.21	38.61	-49.35	-25.00	24.35	Horizontal
5	13566.5	43.11	-37.89	40.03	-50.01	-25.00	25.01	Horizontal
6	17992.5	41.63	-43.10	48.07	-48.66	-25.00	23.66	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3921	46.74	-44.19	29.78	-62.93	-25.00	37.93	Vertical
2	5118	46.12	-42.53	31.61	-60.06	-25.00	35.06	Vertical
3	7888	43.71	-37.53	36.57	-52.51	-25.00	27.51	Vertical
4	9891	42.47	-35.03	38.53	-49.29	-25.00	24.29	Vertical
5	13553.5	43.10	-37.91	40.01	-50.06	-25.00	25.06	Vertical
6	17995.5	41.41	-43.08	48.12	-48.81	-25.00	23.81	Vertical



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Report No.: XEWM2309000451RG02

Rev.: 01

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Test Band = SA_N38 ANT 3
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3982.5	46.81	-44.18	29.84	-62.79	-25.00	37.79	Horizontal
2	6042.5	45.28	-40.95	33.43	-57.50	-25.00	32.50	Horizontal
3	8337	43.66	-36.99	36.33	-52.26	-25.00	27.26	Horizontal
4	10968	42.89	-37.12	40.13	-49.36	-25.00	24.36	Horizontal
5	13569	43.00	-37.89	40.04	-50.11	-25.00	25.11	Horizontal
6	17990.5	41.28	-43.12	48.03	-49.07	-25.00	24.07	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3957.5	47.08	-44.18	29.89	-62.47	-25.00	37.47	Vertical
2	5694	45.69	-41.16	32.50	-58.23	-25.00	33.23	Vertical
3	7395	44.05	-38.31	36.68	-52.84	-25.00	27.84	Vertical
4	9919.5	42.46	-35.47	38.62	-49.65	-25.00	24.65	Vertical
5	13567.5	43.19	-37.89	40.04	-49.92	-25.00	24.92	Vertical
6	17992.5	41.18	-43.10	48.07	-49.11	-25.00	24.11	Vertical



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Test Band = SA_N38 ANT 3

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3689	46.97	-44.49	29.30	-63.48	-25.00	38.48	Horizontal
2	5057	46.20	-42.61	31.59	-60.08	-25.00	35.08	Horizontal
3	8206.5	43.39	-37.14	36.33	-52.68	-25.00	27.68	Horizontal
4	9901.5	41.96	-35.00	38.60	-49.70	-25.00	24.70	Horizontal
5	13567.5	43.18	-37.89	40.04	-49.93	-25.00	24.93	Horizontal
6	16396.5	42.08	-34.84	38.79	-49.23	-25.00	24.23	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3710	46.96	-44.55	29.36	-63.49	-25.00	38.49	Vertical
2	5126.5	46.40	-42.53	31.66	-59.73	-25.00	34.73	Vertical
3	7412.5	43.88	-38.28	36.73	-52.93	-25.00	27.93	Vertical
4	9892	42.25	-35.02	38.54	-49.49	-25.00	24.49	Vertical
5	13577	42.99	-37.87	40.05	-50.09	-25.00	25.09	Vertical
6	17993	40.86	-43.10	48.07	-49.43	-25.00	24.43	Vertical



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Test Band = SA_N38 ANT 5
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3713.5	47.14	-44.57	29.38	-63.31	-25.00	38.31	Horizontal
2	5480	45.25	-41.88	32.32	-59.57	-25.00	34.57	Horizontal
3	7738	43.53	-37.69	36.50	-52.92	-25.00	27.92	Horizontal
4	9890.5	42.56	-35.03	38.52	-49.21	-25.00	24.21	Horizontal
5	13565.5	42.96	-37.89	40.03	-50.16	-25.00	25.16	Horizontal
6	16393	42.23	-34.86	38.78	-49.11	-25.00	24.11	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3766	47.06	-44.79	29.66	-63.33	-25.00	38.33	Vertical
2	5721.5	45.62	-41.20	32.50	-58.34	-25.00	33.34	Vertical
3	7967	44.19	-37.33	36.40	-52.00	-25.00	27.00	Vertical
4	9884.5	42.20	-35.08	38.48	-49.66	-25.00	24.66	Vertical
5	13647.5	43.07	-37.92	40.15	-49.96	-25.00	24.96	Vertical
6	17988	41.25	-43.13	47.98	-49.16	-25.00	24.16	Vertical



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Test Band = SA_N38 ANT 5

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3634.5	47.14	-44.41	29.18	-63.35	-25.00	38.35	Horizontal
2	4960.5	46.16	-42.78	31.04	-60.84	-25.00	35.84	Horizontal
3	7761	43.60	-37.77	36.44	-52.99	-25.00	27.99	Horizontal
4	9886	42.11	-35.07	38.49	-49.73	-25.00	24.73	Horizontal
5	13570	43.43	-37.89	40.04	-49.68	-25.00	24.68	Horizontal
6	17996	41.37	-43.07	48.13	-48.83	-25.00	23.83	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3602.5	47.36	-44.35	28.92	-63.33	-25.00	38.33	Vertical
2	5551.5	45.57	-41.64	32.21	-59.12	-25.00	34.12	Vertical
3	7422	44.20	-38.28	36.74	-52.60	-25.00	27.60	Vertical
4	9890.5	42.02	-35.03	38.52	-49.75	-25.00	24.75	Vertical
5	13567	43.03	-37.89	40.03	-50.09	-25.00	25.09	Vertical
6	17988.5	41.10	-43.13	47.99	-49.30	-25.00	24.30	Vertical



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Report No.: XEWM2309000451RG02

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Test Band = SA_N38 ANT 5

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3944	47.15	-44.19	29.88	-62.42	-25.00	37.42	Horizontal
2	6048	45.83	-40.91	33.48	-56.86	-25.00	31.86	Horizontal
3	8422.5	43.30	-36.87	36.46	-52.37	-25.00	27.37	Horizontal
4	9913.5	42.57	-35.32	38.61	-49.40	-25.00	24.40	Horizontal
5	13567	42.96	-37.89	40.03	-50.16	-25.00	25.16	Horizontal
6	16598.5	41.61	-35.34	39.50	-49.49	-25.00	24.49	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4002	46.86	-44.17	29.79	-62.78	-25.00	37.78	Vertical
2	5712.5	45.68	-41.18	32.50	-58.26	-25.00	33.26	Vertical
3	7858.5	44.48	-37.65	36.75	-51.68	-25.00	26.68	Vertical
4	9911	42.50	-35.25	38.61	-49.40	-25.00	24.40	Vertical
5	13568.5	43.28	-37.89	40.04	-49.83	-25.00	24.83	Vertical
6	17991	41.36	-43.11	48.04	-48.97	-25.00	23.97	Vertical



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Report No.: XEWM2309000451RG02

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Test Band = NSA_B66+N38 ANT 5+ANT 3

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3946.5	47.29	-44.19	29.89	-62.27	-25.00	37.27	Horizontal
2	5712.5	45.68	-41.18	32.50	-58.26	-25.00	33.26	Horizontal
3	7419	44.08	-38.28	36.74	-52.72	-25.00	27.72	Horizontal
4	9909	41.94	-35.20	38.61	-49.91	-25.00	24.91	Horizontal
5	13590.5	42.81	-37.85	40.08	-50.22	-25.00	25.22	Horizontal
6	17989.5	41.53	-43.12	48.01	-48.84	-25.00	23.84	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3934	46.83	-44.19	29.84	-62.78	-25.00	37.78	Vertical
2	5784.5	45.77	-41.39	32.43	-58.45	-25.00	33.45	Vertical
3	8473.5	43.15	-36.60	36.45	-52.26	-25.00	27.26	Vertical
4	10939	43.03	-37.25	40.16	-49.32	-25.00	24.32	Vertical
5	16593.5	41.44	-35.36	39.49	-49.69	-25.00	24.69	Vertical
6	17990.5	41.28	-43.12	48.03	-49.07	-25.00	24.07	Vertical



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Test Band = NSA_B66+N38 ANT 5+ANT 3
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4074	47.22	-44.24	29.55	-62.73	-25.00	37.73	Horizontal
2	5131	46.71	-42.53	31.69	-59.39	-25.00	34.39	Horizontal
3	7410.5	43.90	-38.28	36.72	-52.92	-25.00	27.92	Horizontal
4	9879	42.54	-35.12	38.43	-49.41	-25.00	24.41	Horizontal
5	13551	43.08	-37.91	40.00	-50.09	-25.00	25.09	Horizontal
6	17998.5	40.92	-43.05	48.17	-49.22	-25.00	24.22	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3807.5	47.65	-44.88	29.79	-62.70	-25.00	37.70	Vertical
2	5743.5	45.55	-41.27	32.50	-58.48	-25.00	33.48	Vertical
3	7477.5	43.96	-38.29	36.86	-52.73	-25.00	27.73	Vertical
4	11037	42.86	-37.21	40.14	-49.47	-25.00	24.47	Vertical
5	13563	43.11	-37.90	40.03	-50.02	-25.00	25.02	Vertical
6	17997	41.01	-43.06	48.15	-49.16	-25.00	24.16	Vertical



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Test Band = NSA_B66+N38 ANT 5+ANT 3
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3848.5	47.52	-44.58	29.70	-62.62	-25.00	37.62	Horizontal
2	5033	46.30	-42.65	31.46	-60.15	-25.00	35.15	Horizontal
3	6906.5	45.38	-39.24	35.39	-53.73	-25.00	28.73	Horizontal
4	9880	42.41	-35.11	38.44	-49.52	-25.00	24.52	Horizontal
5	13559	43.06	-37.90	40.02	-50.08	-25.00	25.08	Horizontal
6	17991.5	41.37	-43.11	48.05	-48.95	-25.00	23.95	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3695	47.05	-44.50	29.30	-63.41	-25.00	38.41	Vertical
2	4986.5	46.11	-42.74	31.15	-60.74	-25.00	35.74	Vertical
3	6065	44.94	-40.79	33.47	-57.64	-25.00	32.64	Vertical
4	7857	43.65	-37.66	36.76	-52.51	-25.00	27.51	Vertical
5	11036	42.89	-37.20	40.14	-49.43	-25.00	24.43	Vertical
6	17987.5	41.25	-43.14	47.98	-49.17	-25.00	24.17	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	-11.83	0.00	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.49	0.00	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-8.40	0.00	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VH	NT	-6.34	0.00	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VN	NT	-8.22	0.00	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VL	NT	-9.68	0.00	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	-30	-7.580000	-0.002921	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-4.091000	-0.001576	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-8.347000	-0.003217	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-5.348000	-0.002061	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-9.133000	-0.003519	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-7.290000	-0.002809	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-9.359000	-0.003607	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-10.012000	-0.003858	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-6.727000	-0.002592	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-30	-10.129000	-0.003903	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-20	-10.894000	-0.004198	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-10	-14.195000	-0.005470	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	0	-9.994000	-0.003851	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	10	-11.328000	-0.004365	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	20	-14.029000	-0.005406	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	30	-8.640000	-0.003329	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	40	-6.243000	-0.002406	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	50	-12.645000	-0.004873	PASS

---End of Attachment---



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