

Report No.: SEWM2304000122RG02

Rev.: 01

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# Appendix B.38

## NR Band n38



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## Effective (Isotropic) Radiated Power Output Data for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.11	25.88	33.00	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	26.26	26.03	33.00	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	25.86	25.63	33.00	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Left	26.14	25.91	33.00	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Right	26.24	26.01	33.00	PASS
N38	30	10	DFT-QPSK	L	Outer_Full	25.33	25.10	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	25.31	25.08	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Right	25.39	25.16	33.00	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	24.35	24.12	33.00	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Left	23.79	23.56	33.00	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Right	23.91	23.68	33.00	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	23.85	23.62	33.00	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Left	21.54	21.31	33.00	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Right	21.60	21.37	33.00	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	21.72	21.49	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	26.35	26.12	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	26.34	26.11	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	25.98	25.75	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Left	26.35	26.12	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Right	26.41	26.18	33.00	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	25.46	25.23	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	25.53	25.30	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Right	25.55	25.32	33.00	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	24.47	24.24	33.00	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Left	23.99	23.76	33.00	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Right	24.12	23.89	33.00	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	24.02	23.79	33.00	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Left	21.80	21.57	33.00	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Right	21.79	21.56	33.00	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	21.94	21.71	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	26.39	26.16	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	26.40	26.17	33.00	PASS



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N38	30	10	DFT-PI2BPSK	H	Outer_Full	26.03	25.80	33.00	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Left	26.44	26.21	33.00	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Right	26.41	26.18	33.00	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	25.52	25.29	33.00	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Left	25.57	25.34	33.00	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Right	25.58	25.35	33.00	PASS
N38	30	10	DFT-16QAM	H	Outer_Full	24.49	24.26	33.00	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Left	24.06	23.83	33.00	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Right	24.10	23.87	33.00	PASS
N38	30	10	DFT-64QAM	H	Outer_Full	24.03	23.80	33.00	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Left	21.84	21.61	33.00	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Right	21.88	21.65	33.00	PASS
N38	30	10	DFT-256QAM	H	Outer_Full	21.94	21.71	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	26.35	26.12	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	26.49	26.26	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Outer_Full	25.93	25.70	33.00	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Left	26.36	26.13	33.00	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Right	26.53	26.30	33.00	PASS
N38	30	15	DFT-QPSK	L	Outer_Full	25.41	25.18	33.00	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Left	25.46	25.23	33.00	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Right	25.56	25.33	33.00	PASS
N38	30	15	DFT-16QAM	L	Outer_Full	24.43	24.20	33.00	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Left	23.95	23.72	33.00	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Right	24.14	23.91	33.00	PASS
N38	30	15	DFT-64QAM	L	Outer_Full	23.89	23.66	33.00	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Left	21.79	21.56	33.00	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Right	21.89	21.66	33.00	PASS
N38	30	15	DFT-256QAM	L	Outer_Full	21.82	21.59	33.00	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	26.49	26.26	33.00	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	26.48	26.25	33.00	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	26.06	25.83	33.00	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Left	26.44	26.21	33.00	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Right	26.45	26.22	33.00	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	25.59	25.36	33.00	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Left	25.56	25.33	33.00	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Right	25.55	25.32	33.00	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	24.62	24.39	33.00	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Left	24.04	23.81	33.00	PASS



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N38	30	15	DFT-64QAM	M	Inner_1RB_Right	24.03	23.80	33.00	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	24.06	23.83	33.00	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Left	21.88	21.65	33.00	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Right	21.90	21.67	33.00	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	22.00	21.77	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	26.42	26.19	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	26.50	26.27	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	26.02	25.79	33.00	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Left	26.43	26.20	33.00	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Right	26.52	26.29	33.00	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	25.48	25.25	33.00	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Left	25.51	25.28	33.00	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Right	25.63	25.40	33.00	PASS
N38	30	15	DFT-16QAM	H	Outer_Full	24.54	24.31	33.00	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Left	24.03	23.80	33.00	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Right	24.15	23.92	33.00	PASS
N38	30	15	DFT-64QAM	H	Outer_Full	23.96	23.73	33.00	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Left	21.83	21.60	33.00	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Right	21.93	21.70	33.00	PASS
N38	30	15	DFT-256QAM	H	Outer_Full	21.94	21.71	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.33	26.10	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	26.52	26.29	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	26.05	25.82	33.00	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	26.32	26.09	33.00	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Right	26.51	26.28	33.00	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	25.54	25.31	33.00	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	25.38	25.15	33.00	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Right	25.64	25.41	33.00	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	24.54	24.31	33.00	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Left	23.95	23.72	33.00	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Right	24.12	23.89	33.00	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	24.04	23.81	33.00	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Left	21.67	21.44	33.00	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Right	21.92	21.69	33.00	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	21.99	21.76	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	26.38	26.15	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	26.41	26.18	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	26.07	25.84	33.00	PASS



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N38	30	20	DFT-QPSK	M	Inner_1RB_Left	26.42	26.19	33.00	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Right	26.42	26.19	33.00	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	25.54	25.31	33.00	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Left	25.48	25.25	33.00	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Right	25.50	25.27	33.00	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	24.54	24.31	33.00	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Left	24.01	23.78	33.00	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Right	24.01	23.78	33.00	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	24.03	23.80	33.00	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Left	21.80	21.57	33.00	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Right	21.87	21.64	33.00	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	22.03	21.80	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	26.43	26.20	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	26.48	26.25	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	25.97	25.74	33.00	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Left	26.43	26.20	33.00	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Right	26.52	26.29	33.00	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	25.51	25.28	33.00	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Left	25.52	25.29	33.00	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Right	25.60	25.37	33.00	PASS
N38	30	20	DFT-16QAM	H	Outer_Full	24.51	24.28	33.00	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Left	24.01	23.78	33.00	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Right	24.10	23.87	33.00	PASS
N38	30	20	DFT-64QAM	H	Outer_Full	24.01	23.78	33.00	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Left	21.86	21.63	33.00	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Right	21.91	21.68	33.00	PASS
N38	30	20	DFT-256QAM	H	Outer_Full	21.93	21.70	33.00	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	25.24	25.01	33.00	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	25.46	25.23	33.00	PASS
N38	30	30	DFT-PI2BPSK	L	Outer_Full	25.42	25.19	33.00	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Left	25.06	24.83	33.00	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Right	25.25	25.02	33.00	PASS
N38	30	30	DFT-QPSK	L	Outer_Full	25.19	24.96	33.00	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Left	25.05	24.82	33.00	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Right	25.29	25.06	33.00	PASS
N38	30	30	DFT-16QAM	L	Outer_Full	24.21	23.98	33.00	PASS
N38	30	30	DFT-64QAM	L	Inner_1RB_Left	23.53	23.30	33.00	PASS
N38	30	30	DFT-64QAM	L	Inner_1RB_Right	23.82	23.59	33.00	PASS



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N38	30	30	DFT-64QAM	L	Outer_Full	23.51	23.28	33.00	PASS
N38	30	30	DFT-256QAM	L	Inner_1RB_Left	21.49	21.26	33.00	PASS
N38	30	30	DFT-256QAM	L	Inner_1RB_Right	21.76	21.53	33.00	PASS
N38	30	30	DFT-256QAM	L	Outer_Full	21.60	21.37	33.00	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	25.03	24.80	33.00	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	25.45	25.22	33.00	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	25.40	25.17	33.00	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Left	25.14	24.91	33.00	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Right	25.44	25.21	33.00	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	25.48	25.25	33.00	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Left	25.12	24.89	33.00	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Right	25.61	25.38	33.00	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	24.24	24.01	33.00	PASS
N38	30	30	DFT-64QAM	M	Inner_1RB_Left	23.33	23.10	33.00	PASS
N38	30	30	DFT-64QAM	M	Inner_1RB_Right	23.89	23.66	33.00	PASS
N38	30	30	DFT-64QAM	M	Outer_Full	23.96	23.73	33.00	PASS
N38	30	30	DFT-256QAM	M	Inner_1RB_Left	21.51	21.28	33.00	PASS
N38	30	30	DFT-256QAM	M	Inner_1RB_Right	21.54	21.31	33.00	PASS
N38	30	30	DFT-256QAM	M	Outer_Full	21.49	21.26	33.00	PASS
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	25.24	25.01	33.00	PASS
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	25.29	25.06	33.00	PASS
N38	30	30	DFT-PI2BPSK	H	Outer_Full	25.36	25.13	33.00	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Left	25.13	24.90	33.00	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Right	25.42	25.19	33.00	PASS
N38	30	30	DFT-QPSK	H	Outer_Full	25.49	25.26	33.00	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Left	25.26	25.03	33.00	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Right	25.09	24.86	33.00	PASS
N38	30	30	DFT-16QAM	H	Outer_Full	24.94	24.71	33.00	PASS
N38	30	30	DFT-64QAM	H	Inner_1RB_Left	23.79	23.56	33.00	PASS
N38	30	30	DFT-64QAM	H	Inner_1RB_Right	23.47	23.24	33.00	PASS
N38	30	30	DFT-64QAM	H	Outer_Full	23.72	23.49	33.00	PASS
N38	30	30	DFT-256QAM	H	Inner_1RB_Left	21.53	21.30	33.00	PASS
N38	30	30	DFT-256QAM	H	Inner_1RB_Right	21.70	21.47	33.00	PASS
N38	30	30	DFT-256QAM	H	Outer_Full	21.99	21.76	33.00	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	25.37	25.14	33.00	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	25.67	25.44	33.00	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	25.06	24.83	33.00	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Left	25.18	24.95	33.00	PASS



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N38	30	40	DFT-QPSK	L	Inner_1RB_Right	25.70	25.47	33.00	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	25.14	24.91	33.00	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Left	25.51	25.28	33.00	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Right	25.51	25.28	33.00	PASS
N38	30	40	DFT-16QAM	L	Outer_Full	24.36	24.13	33.00	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Left	23.84	23.61	33.00	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Right	24.29	24.06	33.00	PASS
N38	30	40	DFT-64QAM	L	Outer_Full	23.81	23.58	33.00	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Left	21.45	21.22	33.00	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Right	21.62	21.39	33.00	PASS
N38	30	40	DFT-256QAM	L	Outer_Full	21.79	21.56	33.00	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	25.22	24.99	33.00	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	25.28	25.05	33.00	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	25.45	25.22	33.00	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Left	25.12	24.89	33.00	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Right	25.59	25.36	33.00	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	25.45	25.22	33.00	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Left	25.20	24.97	33.00	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Right	25.44	25.21	33.00	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	24.47	24.24	33.00	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Left	23.61	23.38	33.00	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Right	24.03	23.80	33.00	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	23.99	23.76	33.00	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Left	21.41	21.18	33.00	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Right	22.11	21.88	33.00	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	21.82	21.59	33.00	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	25.48	25.25	33.00	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	25.67	25.44	33.00	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	25.37	25.14	33.00	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Left	25.40	25.17	33.00	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Right	25.58	25.35	33.00	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	25.55	25.32	33.00	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Left	25.10	24.87	33.00	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Right	24.87	24.64	33.00	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	24.92	24.69	33.00	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Left	23.76	23.53	33.00	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Right	23.70	23.47	33.00	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	23.39	23.16	33.00	PASS



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N38	30	40	DFT-256QAM	H	Inner_1RB_Left	21.91	21.68	33.00	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Right	21.68	21.45	33.00	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	22.05	21.82	33.00	PASS



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## Effective (Isotropic) Radiated Power Output Data for MIMO

### Test Result

Band	SCS	Band width	Modulation	Chan nel	RB Config	Power Ant1	Power Ant2	Total Power	ERIP	Verdict
N38	30	10	CP-QPSK	L	Inner_1RB_Left	21.10	20.99	23.91	23.68	PASS
N38	30	10	CP-QPSK	L	Inner_1RB_Right	21.00	21.47	24.09	23.86	PASS
N38	30	10	CP-QPSK	L	Outer_Full	19.57	19.74	22.51	22.28	PASS
N38	30	10	CP-16QAM	L	Inner_1RB_Left	20.49	20.60	23.40	23.17	PASS
N38	30	10	CP-16QAM	L	Inner_1RB_Right	20.48	20.60	23.40	23.17	PASS
N38	30	10	CP-16QAM	L	Outer_Full	19.55	19.77	22.52	22.29	PASS
N38	30	10	CP-64QAM	L	Inner_1RB_Left	19.25	18.71	21.86	21.63	PASS
N38	30	10	CP-64QAM	L	Inner_1RB_Right	19.06	18.91	21.85	21.62	PASS
N38	30	10	CP-64QAM	L	Outer_Full	19.07	19.27	22.03	21.80	PASS
N38	30	10	CP-256QAM	L	Inner_1RB_Left	16.26	16.24	19.11	18.88	PASS
N38	30	10	CP-256QAM	L	Inner_1RB_Right	16.09	16.48	19.14	18.91	PASS
N38	30	10	CP-256QAM	L	Outer_Full	16.20	16.42	19.17	18.94	PASS
N38	30	10	CP-QPSK	M	Inner_1RB_Left	21.28	20.89	23.95	23.72	PASS
N38	30	10	CP-QPSK	M	Inner_1RB_Right	21.29	21.24	24.12	23.89	PASS
N38	30	10	CP-QPSK	M	Outer_Full	19.82	19.51	22.53	22.30	PASS
N38	30	10	CP-16QAM	M	Inner_1RB_Left	20.45	20.44	23.30	23.07	PASS
N38	30	10	CP-16QAM	M	Inner_1RB_Right	20.70	20.66	23.54	23.31	PASS
N38	30	10	CP-16QAM	M	Outer_Full	19.77	19.55	22.52	22.29	PASS
N38	30	10	CP-64QAM	M	Inner_1RB_Left	19.20	18.56	21.76	21.53	PASS
N38	30	10	CP-64QAM	M	Inner_1RB_Right	19.48	18.60	21.94	21.71	PASS
N38	30	10	CP-64QAM	M	Outer_Full	19.29	19.08	22.05	21.82	PASS
N38	30	10	CP-256QAM	M	Inner_1RB_Left	16.35	16.14	19.11	18.88	PASS
N38	30	10	CP-256QAM	M	Inner_1RB_Right	16.53	16.20	19.23	19.00	PASS
N38	30	10	CP-256QAM	M	Outer_Full	16.40	16.25	19.19	18.96	PASS
N38	30	10	CP-QPSK	H	Inner_1RB_Left	21.27	21.22	24.10	23.87	PASS
N38	30	10	CP-QPSK	H	Inner_1RB_Right	21.42	21.08	24.12	23.89	PASS
N38	30	10	CP-QPSK	H	Outer_Full	19.86	19.61	22.60	22.37	PASS
N38	30	10	CP-16QAM	H	Inner_1RB_Left	20.56	20.56	23.42	23.19	PASS
N38	30	10	CP-16QAM	H	Inner_1RB_Right	20.67	20.52	23.46	23.23	PASS
N38	30	10	CP-16QAM	H	Outer_Full	19.82	19.65	22.60	22.37	PASS
N38	30	10	CP-64QAM	H	Inner_1RB_Left	19.32	18.66	21.87	21.64	PASS



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N38	30	10	CP-64QAM	H	Inner_1RB_Right	19.70	18.70	22.10	21.87	PASS
N38	30	10	CP-64QAM	H	Outer_Full	19.38	19.14	22.12	21.89	PASS
N38	30	10	CP-256QAM	H	Inner_1RB_Left	16.44	16.28	19.22	18.99	PASS
N38	30	10	CP-256QAM	H	Inner_1RB_Right	16.65	16.21	19.30	19.07	PASS
N38	30	10	CP-256QAM	H	Outer_Full	16.64	16.34	19.36	19.13	PASS
N38	30	15	CP-QPSK	L	Inner_1RB_Left	21.16	21.38	24.13	23.90	PASS
N38	30	15	CP-QPSK	L	Inner_1RB_Right	21.16	21.71	24.29	24.06	PASS
N38	30	15	CP-QPSK	L	Outer_Full	19.74	19.98	22.72	22.49	PASS
N38	30	15	CP-16QAM	L	Inner_1RB_Left	20.67	20.89	23.64	23.41	PASS
N38	30	15	CP-16QAM	L	Inner_1RB_Right	20.37	21.02	23.55	23.32	PASS
N38	30	15	CP-16QAM	L	Outer_Full	19.76	19.97	22.72	22.49	PASS
N38	30	15	CP-64QAM	L	Inner_1RB_Left	19.28	18.80	21.91	21.68	PASS
N38	30	15	CP-64QAM	L	Inner_1RB_Right	19.22	19.10	22.02	21.79	PASS
N38	30	15	CP-64QAM	L	Outer_Full	19.26	19.49	22.23	22.00	PASS
N38	30	15	CP-256QAM	L	Inner_1RB_Left	16.43	16.41	19.28	19.05	PASS
N38	30	15	CP-256QAM	L	Inner_1RB_Right	16.33	16.65	19.35	19.12	PASS
N38	30	15	CP-256QAM	L	Outer_Full	16.35	16.61	19.34	19.11	PASS
N38	30	15	CP-QPSK	M	Inner_1RB_Left	21.31	21.45	24.24	24.01	PASS
N38	30	15	CP-QPSK	M	Inner_1RB_Right	21.69	21.33	24.38	24.15	PASS
N38	30	15	CP-QPSK	M	Outer_Full	20.05	19.83	22.80	22.57	PASS
N38	30	15	CP-16QAM	M	Inner_1RB_Left	20.52	20.89	23.56	23.33	PASS
N38	30	15	CP-16QAM	M	Inner_1RB_Right	20.79	20.83	23.67	23.44	PASS
N38	30	15	CP-16QAM	M	Outer_Full	20.02	19.84	22.79	22.56	PASS
N38	30	15	CP-64QAM	M	Inner_1RB_Left	19.36	18.81	21.96	21.73	PASS
N38	30	15	CP-64QAM	M	Inner_1RB_Right	19.59	18.93	22.14	21.91	PASS
N38	30	15	CP-64QAM	M	Outer_Full	19.52	19.38	22.31	22.08	PASS
N38	30	15	CP-256QAM	M	Inner_1RB_Left	16.51	16.47	19.35	19.12	PASS
N38	30	15	CP-256QAM	M	Inner_1RB_Right	16.66	16.55	19.47	19.24	PASS
N38	30	15	CP-256QAM	M	Outer_Full	16.60	16.46	19.39	19.16	PASS
N38	30	15	CP-QPSK	H	Inner_1RB_Left	21.39	21.39	24.25	24.02	PASS
N38	30	15	CP-QPSK	H	Inner_1RB_Right	21.52	21.22	24.24	24.01	PASS
N38	30	15	CP-QPSK	H	Outer_Full	20.04	19.85	22.81	22.58	PASS
N38	30	15	CP-16QAM	H	Inner_1RB_Left	20.61	20.81	23.57	23.34	PASS
N38	30	15	CP-16QAM	H	Inner_1RB_Right	20.87	20.77	23.68	23.45	PASS
N38	30	15	CP-16QAM	H	Outer_Full	20.01	19.85	22.79	22.56	PASS
N38	30	15	CP-64QAM	H	Inner_1RB_Left	19.56	18.84	22.09	21.86	PASS
N38	30	15	CP-64QAM	H	Inner_1RB_Right	19.56	18.91	22.12	21.89	PASS
N38	30	15	CP-64QAM	H	Outer_Full	19.53	19.40	22.33	22.10	PASS



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N38	30	15	CP-256QAM	H	Inner_1RB_Left	16.60	16.45	19.39	19.16	PASS
N38	30	15	CP-256QAM	H	Inner_1RB_Right	16.71	16.48	19.46	19.23	PASS
N38	30	15	CP-256QAM	H	Outer_Full	16.60	16.47	19.40	19.17	PASS
N38	30	20	CP-QPSK	L	Inner_1RB_Left	21.33	21.04	24.05	23.82	PASS
N38	30	20	CP-QPSK	L	Inner_1RB_Right	21.29	21.28	24.14	23.91	PASS
N38	30	20	CP-QPSK	L	Outer_Full	19.69	19.89	22.65	22.42	PASS
N38	30	20	CP-16QAM	L	Inner_1RB_Left	20.60	20.65	23.48	23.25	PASS
N38	30	20	CP-16QAM	L	Inner_1RB_Right	20.76	20.70	23.59	23.36	PASS
N38	30	20	CP-16QAM	L	Outer_Full	19.63	19.86	22.60	22.37	PASS
N38	30	20	CP-64QAM	L	Inner_1RB_Left	19.27	18.77	21.89	21.66	PASS
N38	30	20	CP-64QAM	L	Inner_1RB_Right	19.34	18.91	22.00	21.77	PASS
N38	30	20	CP-64QAM	L	Outer_Full	19.26	19.47	22.22	21.99	PASS
N38	30	20	CP-256QAM	L	Inner_1RB_Left	16.40	16.33	19.22	18.99	PASS
N38	30	20	CP-256QAM	L	Inner_1RB_Right	16.54	16.49	19.37	19.14	PASS
N38	30	20	CP-256QAM	L	Outer_Full	16.30	16.61	19.31	19.08	PASS
N38	30	20	CP-QPSK	M	Inner_1RB_Left	21.18	21.36	24.13	23.90	PASS
N38	30	20	CP-QPSK	M	Inner_1RB_Right	21.68	21.33	24.37	24.14	PASS
N38	30	20	CP-QPSK	M	Outer_Full	20.01	19.79	22.76	22.53	PASS
N38	30	20	CP-16QAM	M	Inner_1RB_Left	20.42	20.87	23.50	23.27	PASS
N38	30	20	CP-16QAM	M	Inner_1RB_Right	20.92	20.96	23.80	23.57	PASS
N38	30	20	CP-16QAM	M	Outer_Full	19.92	19.76	22.70	22.47	PASS
N38	30	20	CP-64QAM	M	Inner_1RB_Left	19.32	18.83	21.95	21.72	PASS
N38	30	20	CP-64QAM	M	Inner_1RB_Right	19.61	18.92	22.15	21.92	PASS
N38	30	20	CP-64QAM	M	Outer_Full	19.54	19.46	22.36	22.13	PASS
N38	30	20	CP-256QAM	M	Inner_1RB_Left	16.42	16.44	19.29	19.06	PASS
N38	30	20	CP-256QAM	M	Inner_1RB_Right	16.62	16.42	19.38	19.15	PASS
N38	30	20	CP-256QAM	M	Outer_Full	16.53	16.51	19.38	19.15	PASS
N38	30	20	CP-QPSK	H	Inner_1RB_Left	21.38	21.30	24.20	23.97	PASS
N38	30	20	CP-QPSK	H	Inner_1RB_Right	21.52	21.48	24.36	24.13	PASS
N38	30	20	CP-QPSK	H	Outer_Full	20.00	19.88	22.80	22.57	PASS
N38	30	20	CP-16QAM	H	Inner_1RB_Left	20.76	20.66	23.57	23.34	PASS
N38	30	20	CP-16QAM	H	Inner_1RB_Right	20.88	20.80	23.70	23.47	PASS
N38	30	20	CP-16QAM	H	Outer_Full	19.96	19.98	22.83	22.60	PASS
N38	30	20	CP-64QAM	H	Inner_1RB_Left	19.58	18.86	22.11	21.88	PASS
N38	30	20	CP-64QAM	H	Inner_1RB_Right	19.54	19.02	22.16	21.93	PASS
N38	30	20	CP-64QAM	H	Outer_Full	19.56	19.58	22.43	22.20	PASS
N38	30	20	CP-256QAM	H	Inner_1RB_Left	16.63	16.47	19.41	19.18	PASS
N38	30	20	CP-256QAM	H	Inner_1RB_Right	16.78	16.55	19.53	19.30	PASS



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N38	30	20	CP-256QAM	H	Outer_Full	15.71	16.68	19.06	18.83	PASS
N38	30	30	CP-QPSK	L	Inner_1RB_Left	21.32	21.31	24.17	23.94	PASS
N38	30	30	CP-QPSK	L	Inner_1RB_Right	21.84	21.62	24.59	24.36	PASS
N38	30	30	CP-QPSK	L	Outer_Full	19.93	19.95	22.80	22.57	PASS
N38	30	30	CP-16QAM	L	Inner_1RB_Left	20.89	20.96	23.78	23.55	PASS
N38	30	30	CP-16QAM	L	Inner_1RB_Right	21.15	21.03	23.95	23.72	PASS
N38	30	30	CP-16QAM	L	Outer_Full	19.84	19.95	22.75	22.52	PASS
N38	30	30	CP-64QAM	L	Inner_1RB_Left	19.40	18.94	22.04	21.81	PASS
N38	30	30	CP-64QAM	L	Inner_1RB_Right	19.71	19.04	22.26	22.03	PASS
N38	30	30	CP-64QAM	L	Outer_Full	19.36	19.48	22.28	22.05	PASS
N38	30	30	CP-256QAM	L	Inner_1RB_Left	16.50	16.55	19.38	19.15	PASS
N38	30	30	CP-256QAM	L	Inner_1RB_Right	16.75	16.73	19.60	19.37	PASS
N38	30	30	CP-256QAM	L	Outer_Full	16.61	16.70	19.51	19.28	PASS
N38	30	30	CP-QPSK	M	Inner_1RB_Left	21.20	21.66	24.29	24.06	PASS
N38	30	30	CP-QPSK	M	Inner_1RB_Right	21.73	21.74	24.59	24.36	PASS
N38	30	30	CP-QPSK	M	Outer_Full	19.99	20.01	22.86	22.63	PASS
N38	30	30	CP-16QAM	M	Inner_1RB_Left	20.80	21.09	23.80	23.57	PASS
N38	30	30	CP-16QAM	M	Inner_1RB_Right	21.16	21.22	24.05	23.82	PASS
N38	30	30	CP-16QAM	M	Outer_Full	20.01	20.00	22.86	22.63	PASS
N38	30	30	CP-64QAM	M	Inner_1RB_Left	19.17	19.16	22.02	21.79	PASS
N38	30	30	CP-64QAM	M	Inner_1RB_Right	19.74	19.18	22.34	22.11	PASS
N38	30	30	CP-64QAM	M	Outer_Full	19.58	19.50	22.40	22.17	PASS
N38	30	30	CP-256QAM	M	Inner_1RB_Left	16.43	16.74	19.44	19.21	PASS
N38	30	30	CP-256QAM	M	Inner_1RB_Right	16.78	16.80	19.65	19.42	PASS
N38	30	30	CP-256QAM	M	Outer_Full	16.67	16.75	19.57	19.34	PASS
N38	30	30	CP-QPSK	H	Inner_1RB_Left	21.54	21.61	24.43	24.20	PASS
N38	30	30	CP-QPSK	H	Inner_1RB_Right	21.79	21.87	24.69	24.46	PASS
N38	30	30	CP-QPSK	H	Outer_Full	20.11	19.93	22.88	22.65	PASS
N38	30	30	CP-16QAM	H	Inner_1RB_Left	21.03	20.66	23.71	23.48	PASS
N38	30	30	CP-16QAM	H	Inner_1RB_Right	21.13	21.05	23.95	23.72	PASS
N38	30	30	CP-16QAM	H	Outer_Full	20.11	19.99	22.91	22.68	PASS
N38	30	30	CP-64QAM	H	Inner_1RB_Left	19.53	18.92	22.10	21.87	PASS
N38	30	30	CP-64QAM	H	Inner_1RB_Right	19.95	19.13	22.43	22.20	PASS
N38	30	30	CP-64QAM	H	Outer_Full	19.67	19.54	22.47	22.24	PASS
N38	30	30	CP-256QAM	H	Inner_1RB_Left	16.68	16.54	19.47	19.24	PASS
N38	30	30	CP-256QAM	H	Inner_1RB_Right	16.90	16.77	19.70	19.47	PASS
N38	30	30	CP-256QAM	H	Outer_Full	16.85	16.73	19.65	19.42	PASS
N38	30	40	CP-QPSK	L	Inner_1RB_Left	21.35	21.30	24.18	23.95	PASS



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N38	30	40	CP-QPSK	L	Inner_1RB_Right	21.70	21.81	24.61	24.38	PASS
N38	30	40	CP-QPSK	L	Outer_Full	19.99	20.01	22.86	22.63	PASS
N38	30	40	CP-16QAM	L	Inner_1RB_Left	20.67	20.84	23.61	23.38	PASS
N38	30	40	CP-16QAM	L	Inner_1RB_Right	20.94	21.04	23.85	23.62	PASS
N38	30	40	CP-16QAM	L	Outer_Full	19.98	20.01	22.85	22.62	PASS
N38	30	40	CP-64QAM	L	Inner_1RB_Left	19.40	18.98	22.06	21.83	PASS
N38	30	40	CP-64QAM	L	Inner_1RB_Right	19.57	19.19	22.25	22.02	PASS
N38	30	40	CP-64QAM	L	Outer_Full	19.51	19.54	22.38	22.15	PASS
N38	30	40	CP-256QAM	L	Inner_1RB_Left	16.50	16.54	19.38	19.15	PASS
N38	30	40	CP-256QAM	L	Inner_1RB_Right	16.79	16.72	19.61	19.38	PASS
N38	30	40	CP-256QAM	L	Outer_Full	16.59	16.75	19.53	19.30	PASS
N38	30	40	CP-QPSK	M	Inner_1RB_Left	21.22	21.77	24.35	24.12	PASS
N38	30	40	CP-QPSK	M	Inner_1RB_Right	21.68	21.79	24.59	24.36	PASS
N38	30	40	CP-QPSK	M	Outer_Full	19.98	20.05	22.87	22.64	PASS
N38	30	40	CP-16QAM	M	Inner_1RB_Left	20.44	21.05	23.60	23.37	PASS
N38	30	40	CP-16QAM	M	Inner_1RB_Right	21.19	21.27	24.09	23.86	PASS
N38	30	40	CP-16QAM	M	Outer_Full	20.01	20.06	22.89	22.66	PASS
N38	30	40	CP-64QAM	M	Inner_1RB_Left	19.19	19.12	22.01	21.78	PASS
N38	30	40	CP-64QAM	M	Inner_1RB_Right	19.66	19.20	22.30	22.07	PASS
N38	30	40	CP-64QAM	M	Outer_Full	19.53	19.56	22.40	22.17	PASS
N38	30	40	CP-256QAM	M	Inner_1RB_Left	16.39	16.65	19.38	19.15	PASS
N38	30	40	CP-256QAM	M	Inner_1RB_Right	16.86	16.74	19.66	19.43	PASS
N38	30	40	CP-256QAM	M	Outer_Full	16.61	16.81	19.57	19.34	PASS
N38	30	40	CP-QPSK	H	Inner_1RB_Left	21.24	21.77	24.36	24.13	PASS
N38	30	40	CP-QPSK	H	Inner_1RB_Right	21.82	21.55	24.55	24.32	PASS
N38	30	40	CP-QPSK	H	Outer_Full	20.12	20.00	22.92	22.69	PASS
N38	30	40	CP-16QAM	H	Inner_1RB_Left	20.61	20.97	23.65	23.42	PASS
N38	30	40	CP-16QAM	H	Inner_1RB_Right	21.18	21.04	23.97	23.74	PASS
N38	30	40	CP-16QAM	H	Outer_Full	20.13	20.02	22.94	22.71	PASS
N38	30	40	CP-64QAM	H	Inner_1RB_Left	19.28	19.36	22.35	22.12	PASS
N38	30	40	CP-64QAM	H	Inner_1RB_Right	19.76	19.13	22.33	22.10	PASS
N38	30	40	CP-64QAM	H	Outer_Full	19.61	19.54	22.43	22.20	PASS
N38	30	40	CP-256QAM	H	Inner_1RB_Left	16.49	16.72	19.46	19.23	PASS
N38	30	40	CP-256QAM	H	Inner_1RB_Right	16.91	16.71	19.67	19.44	PASS
N38	30	40	CP-256QAM	H	Outer_Full	16.70	16.76	19.59	19.36	PASS



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## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N38	30	40	DFT-256QAM	L	Outer_Full	19.4%	7.12	2.60	≤13	PASS
N38	30	40	CP-256QAM	L	Outer_Full	19.4%	7.12	3.50	≤13	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	19.4%	7.12	2.35	≤13	PASS
N38	30	40	CP-256QAM	M	Outer_Full	19.4%	7.12	3.59	≤13	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	19.4%	7.12	2.68	≤13	PASS
N38	30	40	CP-256QAM	H	Outer_Full	19.4%	7.12	3.74	≤13	PASS



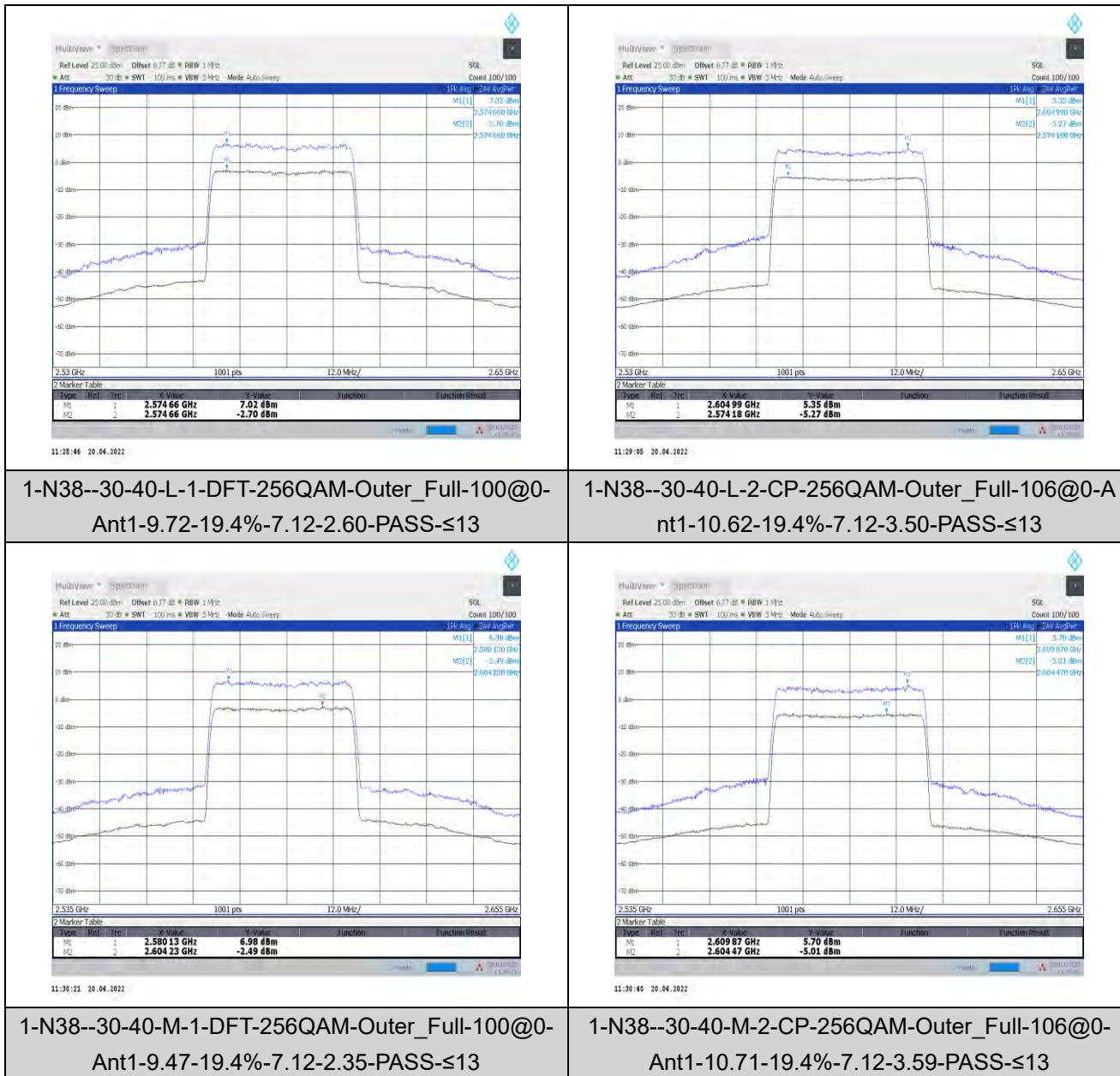
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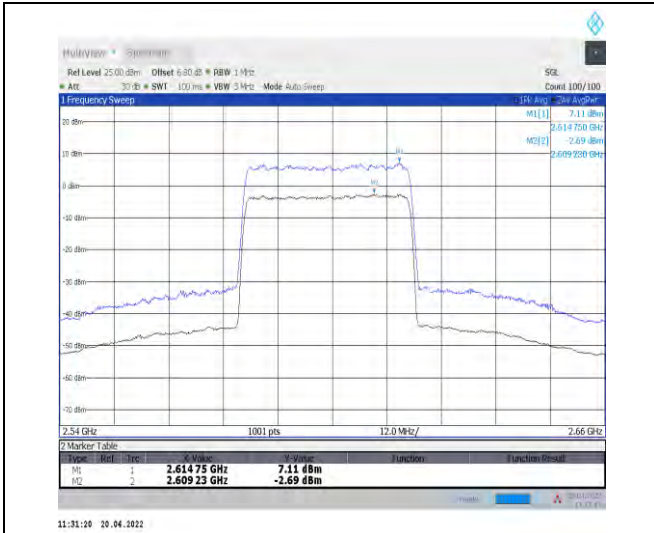
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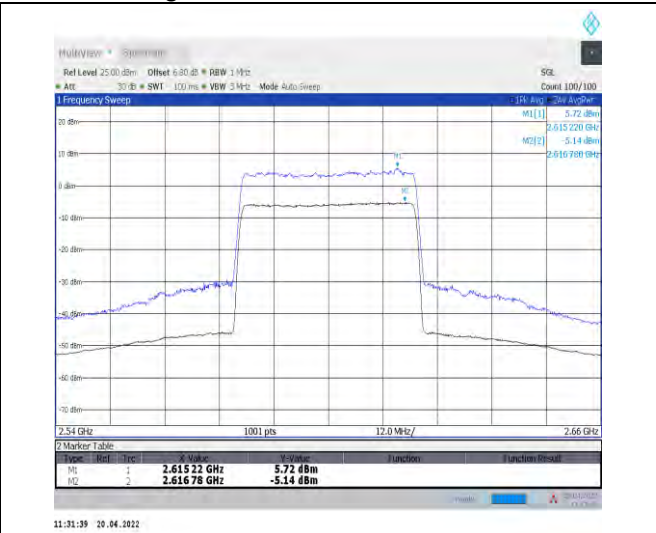
Test Graphs



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1-N38--30-40-H-1-DFT-256QAM-Outer\_Full-100@0-Ant1-9.80-19.4%-7.12-2.68-PASS-≤13



1-N38--30-40-H-2-CP-256QAM-Outer\_Full-106@0-Ant1-10.86-19.4%-7.12-3.74-PASS-≤13



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## Modulation characteristics for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	see graph	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	see graph	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	see graph	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	see graph	PASS
N38	30	40	CP-QPSK	M	Outer_Full	see graph	PASS
N38	30	40	CP-16QAM	M	Outer_Full	see graph	PASS
N38	30	40	CP-64QAM	M	Outer_Full	see graph	PASS
N38	30	40	CP-256QAM	M	Outer_Full	see graph	PASS



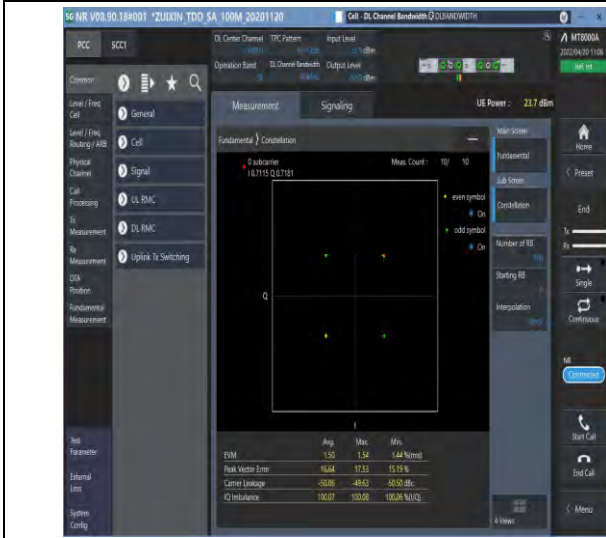
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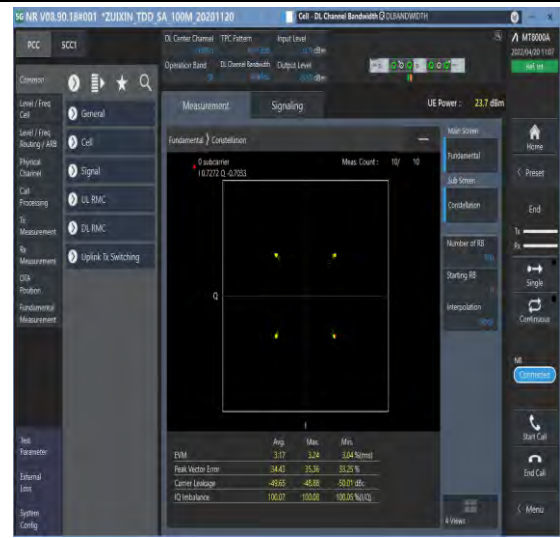
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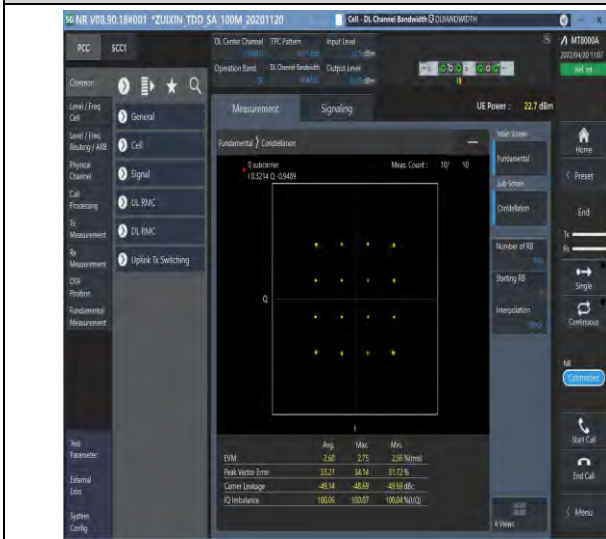
Test Graphs



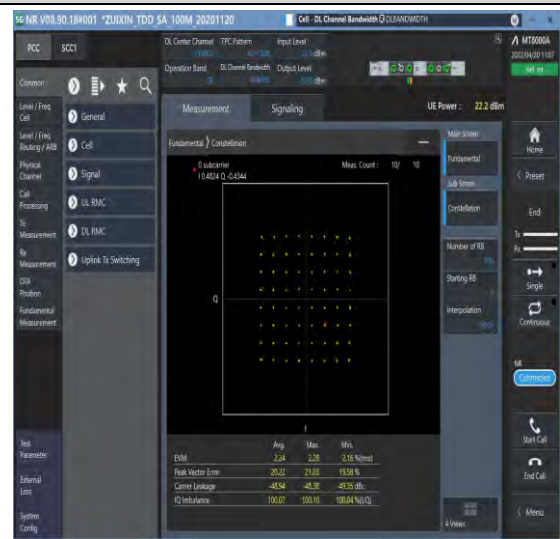
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 Ant1-see graph-PASS



1-N38--30-40-M-2-DFT-QPSK-Outer\_Full-100@0-A  
 Ant1-see graph-PASS



1-N38--30-40-M-3-DFT-16QAM-Outer\_Full-100@0-A  
 Ant1-see graph-PASS



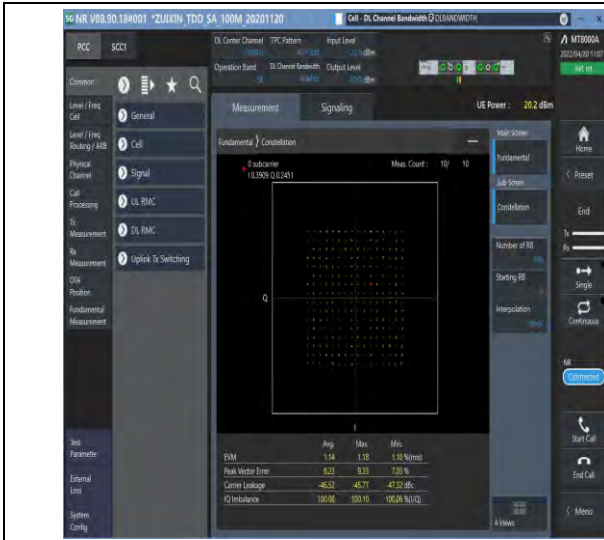
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 Ant1-see graph-PASS



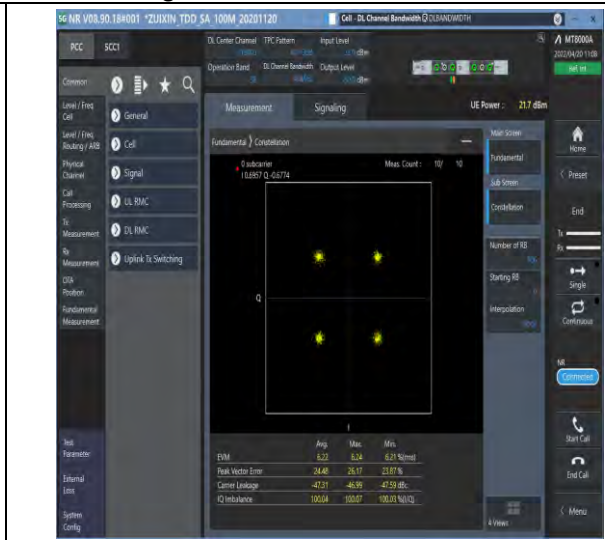
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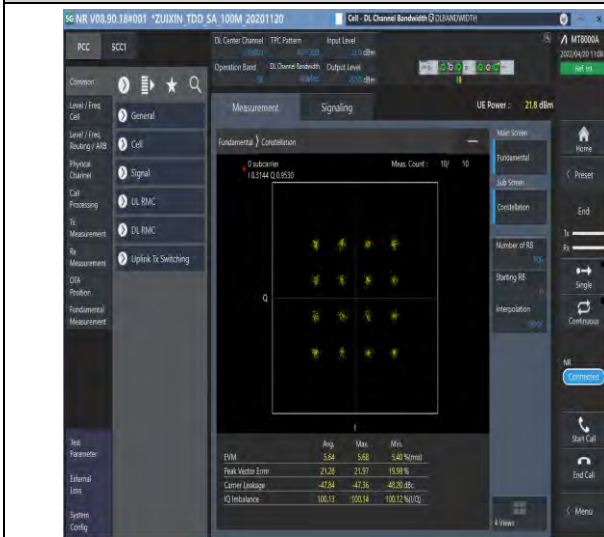
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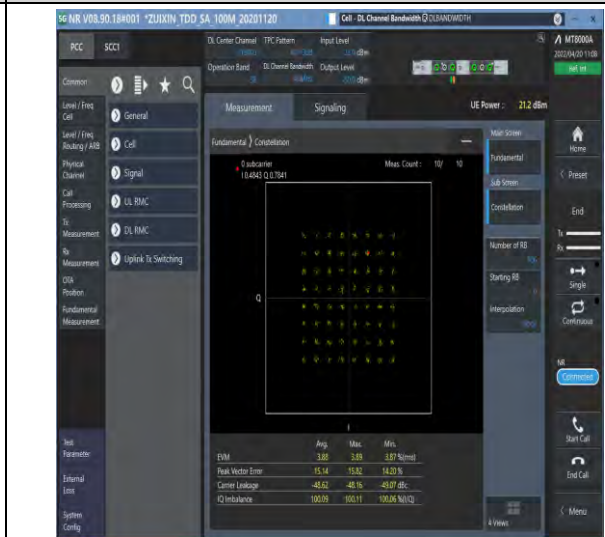
1-N38--30-40-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-see graph-PASS



1-N38--30-40-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-see graph-PASS



1-N38--30-40-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-see graph-PASS



1-N38--30-40-M-8-CP-64QAM-Outer\_Full-106@0-Ant1-see graph-PASS



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<p>The screenshot shows a mobile application interface for signal measurement. The main display area shows a constellation diagram with a grid. Below the diagram, there is a table of test results:</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Avg</th> <th>Max</th> <th>Min</th> </tr> </thead> <tbody> <tr> <td>EVM</td> <td>1.15</td> <td>1.21</td> <td>1.12 (Std)</td> </tr> <tr> <td>Peak Vector Error</td> <td>3.97</td> <td>4.57</td> <td>3.65 %</td> </tr> <tr> <td>Carrier Leakage</td> <td>-45.16</td> <td>-45.34</td> <td>-45.05 dBc</td> </tr> <tr> <td>IQ Imbalance</td> <td>100.69</td> <td>100.11</td> <td>100.37 %/IQ</td> </tr> </tbody> </table>	Parameter	Avg	Max	Min	EVM	1.15	1.21	1.12 (Std)	Peak Vector Error	3.97	4.57	3.65 %	Carrier Leakage	-45.16	-45.34	-45.05 dBc	IQ Imbalance	100.69	100.11	100.37 %/IQ	
Parameter	Avg	Max	Min																		
EVM	1.15	1.21	1.12 (Std)																		
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Carrier Leakage	-45.16	-45.34	-45.05 dBc																		
IQ Imbalance	100.69	100.11	100.37 %/IQ																		
<p>1-N38--30-40-M-9-CP-256QAM-Outer_Full-106@0-A nt1-see graph-PASS</p>																					



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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	L	Outer_Full	8.577	9.400	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	8.544	9.360	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	8.592	9.500	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	8.558	9.480	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	8.591	10.000	PASS
N38	30	10	CP-QPSK	L	Outer_Full	8.565	9.480	PASS
N38	30	10	CP-16QAM	L	Outer_Full	8.615	9.440	PASS
N38	30	10	CP-64QAM	L	Outer_Full	8.608	9.500	PASS
N38	30	10	CP-256QAM	L	Outer_Full	8.583	9.620	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	8.595	9.860	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	8.574	9.360	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	8.592	10.000	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	8.6	9.320	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	8.57	9.500	PASS
N38	30	10	CP-QPSK	M	Outer_Full	8.601	9.440	PASS
N38	30	10	CP-16QAM	M	Outer_Full	8.6	9.540	PASS
N38	30	10	CP-64QAM	M	Outer_Full	8.608	9.500	PASS
N38	30	10	CP-256QAM	M	Outer_Full	8.577	9.540	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	8.599	9.480	PASS
N38	30	10	DFT-PI2BPSK	H	Outer_Full	8.58	9.320	PASS
N38	30	10	DFT-16QAM	H	Outer_Full	8.608	9.540	PASS
N38	30	10	DFT-64QAM	H	Outer_Full	8.594	9.360	PASS
N38	30	10	DFT-256QAM	H	Outer_Full	8.559	9.860	PASS
N38	30	10	CP-QPSK	H	Outer_Full	8.615	9.600	PASS
N38	30	10	CP-16QAM	H	Outer_Full	8.571	10.020	PASS
N38	30	10	CP-64QAM	H	Outer_Full	8.609	9.420	PASS
N38	30	10	CP-256QAM	H	Outer_Full	8.595	9.760	PASS
N38	30	15	DFT-QPSK	L	Outer_Full	12.885	14.280	PASS
N38	30	15	DFT-PI2BPSK	L	Outer_Full	12.949	14.040	PASS
N38	30	15	DFT-16QAM	L	Outer_Full	12.852	14.010	PASS
N38	30	15	DFT-64QAM	L	Outer_Full	12.891	14.250	PASS
N38	30	15	DFT-256QAM	L	Outer_Full	12.813	13.920	PASS



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N38	30	15	CP-QPSK	L	Outer_Full	13.588	14.670	PASS
N38	30	15	CP-16QAM	L	Outer_Full	13.571	14.940	PASS
N38	30	15	CP-64QAM	L	Outer_Full	13.606	14.970	PASS
N38	30	15	CP-256QAM	L	Outer_Full	13.604	14.820	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	12.914	14.010	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	12.896	14.070	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	12.899	14.190	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	12.887	14.250	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	12.871	14.340	PASS
N38	30	15	CP-QPSK	M	Outer_Full	13.581	14.640	PASS
N38	30	15	CP-16QAM	M	Outer_Full	13.575	15.060	PASS
N38	30	15	CP-64QAM	M	Outer_Full	13.675	14.790	PASS
N38	30	15	CP-256QAM	M	Outer_Full	13.615	14.970	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	12.877	14.010	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	12.834	14.130	PASS
N38	30	15	DFT-16QAM	H	Outer_Full	12.835	13.950	PASS
N38	30	15	DFT-64QAM	H	Outer_Full	12.878	14.400	PASS
N38	30	15	DFT-256QAM	H	Outer_Full	12.829	13.680	PASS
N38	30	15	CP-QPSK	H	Outer_Full	13.607	14.610	PASS
N38	30	15	CP-16QAM	H	Outer_Full	13.589	14.550	PASS
N38	30	15	CP-64QAM	H	Outer_Full	13.568	14.400	PASS
N38	30	15	CP-256QAM	H	Outer_Full	13.524	14.850	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	17.906	19.560	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	17.871	19.720	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	17.906	19.560	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	17.906	19.480	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	17.877	19.560	PASS
N38	30	20	CP-QPSK	L	Outer_Full	18.213	20.080	PASS
N38	30	20	CP-16QAM	L	Outer_Full	18.236	20.000	PASS
N38	30	20	CP-64QAM	L	Outer_Full	18.23	19.880	PASS
N38	30	20	CP-256QAM	L	Outer_Full	18.237	19.680	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	17.897	19.560	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	17.858	19.760	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	17.912	19.600	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	17.9	19.520	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	17.891	19.480	PASS
N38	30	20	CP-QPSK	M	Outer_Full	18.226	20.000	PASS
N38	30	20	CP-16QAM	M	Outer_Full	18.235	19.720	PASS



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N38	30	20	CP-64QAM	M	Outer_Full	18.225	19.880	PASS
N38	30	20	CP-256QAM	M	Outer_Full	18.235	19.720	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	17.846	19.520	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	17.858	19.720	PASS
N38	30	20	DFT-16QAM	H	Outer_Full	17.948	19.560	PASS
N38	30	20	DFT-64QAM	H	Outer_Full	17.896	19.560	PASS
N38	30	20	DFT-256QAM	H	Outer_Full	17.858	19.720	PASS
N38	30	20	CP-QPSK	H	Outer_Full	18.231	19.960	PASS
N38	30	20	CP-16QAM	H	Outer_Full	18.228	20.000	PASS
N38	30	20	CP-64QAM	H	Outer_Full	18.219	19.840	PASS
N38	30	20	CP-256QAM	H	Outer_Full	18.26	19.840	PASS
N38	30	30	DFT-QPSK	L	Outer_Full	26.83	28.740	PASS
N38	30	30	DFT-PI2BPSK	L	Outer_Full	26.835	28.860	PASS
N38	30	30	DFT-16QAM	L	Outer_Full	26.856	28.740	PASS
N38	30	30	DFT-64QAM	L	Outer_Full	26.831	28.800	PASS
N38	30	30	DFT-256QAM	L	Outer_Full	26.819	28.980	PASS
N38	30	30	CP-QPSK	L	Outer_Full	27.914	30.420	PASS
N38	30	30	CP-16QAM	L	Outer_Full	27.911	29.820	PASS
N38	30	30	CP-64QAM	L	Outer_Full	27.905	30.660	PASS
N38	30	30	CP-256QAM	L	Outer_Full	27.892	29.880	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	26.839	28.860	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	26.898	28.800	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	26.885	28.800	PASS
N38	30	30	DFT-64QAM	M	Outer_Full	26.846	28.860	PASS
N38	30	30	DFT-256QAM	M	Outer_Full	26.868	28.920	PASS
N38	30	30	CP-QPSK	M	Outer_Full	27.882	30.120	PASS
N38	30	30	CP-16QAM	M	Outer_Full	27.9	29.880	PASS
N38	30	30	CP-64QAM	M	Outer_Full	27.872	30.000	PASS
N38	30	30	CP-256QAM	M	Outer_Full	27.87	29.700	PASS
N38	30	30	DFT-QPSK	H	Outer_Full	26.796	28.860	PASS
N38	30	30	DFT-PI2BPSK	H	Outer_Full	26.813	28.680	PASS
N38	30	30	DFT-16QAM	H	Outer_Full	26.862	28.860	PASS
N38	30	30	DFT-64QAM	H	Outer_Full	26.835	29.100	PASS
N38	30	30	DFT-256QAM	H	Outer_Full	26.82	28.680	PASS
N38	30	30	CP-QPSK	H	Outer_Full	27.845	30.660	PASS
N38	30	30	CP-16QAM	H	Outer_Full	27.875	29.880	PASS
N38	30	30	CP-64QAM	H	Outer_Full	27.852	29.760	PASS
N38	30	30	CP-256QAM	H	Outer_Full	27.851	29.700	PASS



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Report No.: SEWM2304000122RG02

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N38	30	40	DFT-QPSK	L	Outer_Full	35.764	38.320	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	35.783	38.160	PASS
N38	30	40	DFT-16QAM	L	Outer_Full	35.775	38.160	PASS
N38	30	40	DFT-64QAM	L	Outer_Full	35.904	38.240	PASS
N38	30	40	DFT-256QAM	L	Outer_Full	35.772	38.080	PASS
N38	30	40	CP-QPSK	L	Outer_Full	37.96	40.320	PASS
N38	30	40	CP-16QAM	L	Outer_Full	37.956	40.480	PASS
N38	30	40	CP-64QAM	L	Outer_Full	37.93	40.560	PASS
N38	30	40	CP-256QAM	L	Outer_Full	37.89	40.160	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	35.78	38.320	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	35.815	38.160	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	35.777	38.320	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	35.923	38.240	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	35.782	38.160	PASS
N38	30	40	CP-QPSK	M	Outer_Full	37.961	40.400	PASS
N38	30	40	CP-16QAM	M	Outer_Full	37.943	40.480	PASS
N38	30	40	CP-64QAM	M	Outer_Full	37.931	40.480	PASS
N38	30	40	CP-256QAM	M	Outer_Full	37.897	40.320	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	35.764	38.240	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	35.802	38.000	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	35.769	38.160	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	35.875	38.080	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	35.739	38.000	PASS
N38	30	40	CP-QPSK	H	Outer_Full	37.958	40.320	PASS
N38	30	40	CP-16QAM	H	Outer_Full	37.944	40.480	PASS
N38	30	40	CP-64QAM	H	Outer_Full	37.889	40.400	PASS
N38	30	40	CP-256QAM	H	Outer_Full	37.92	40.320	PASS



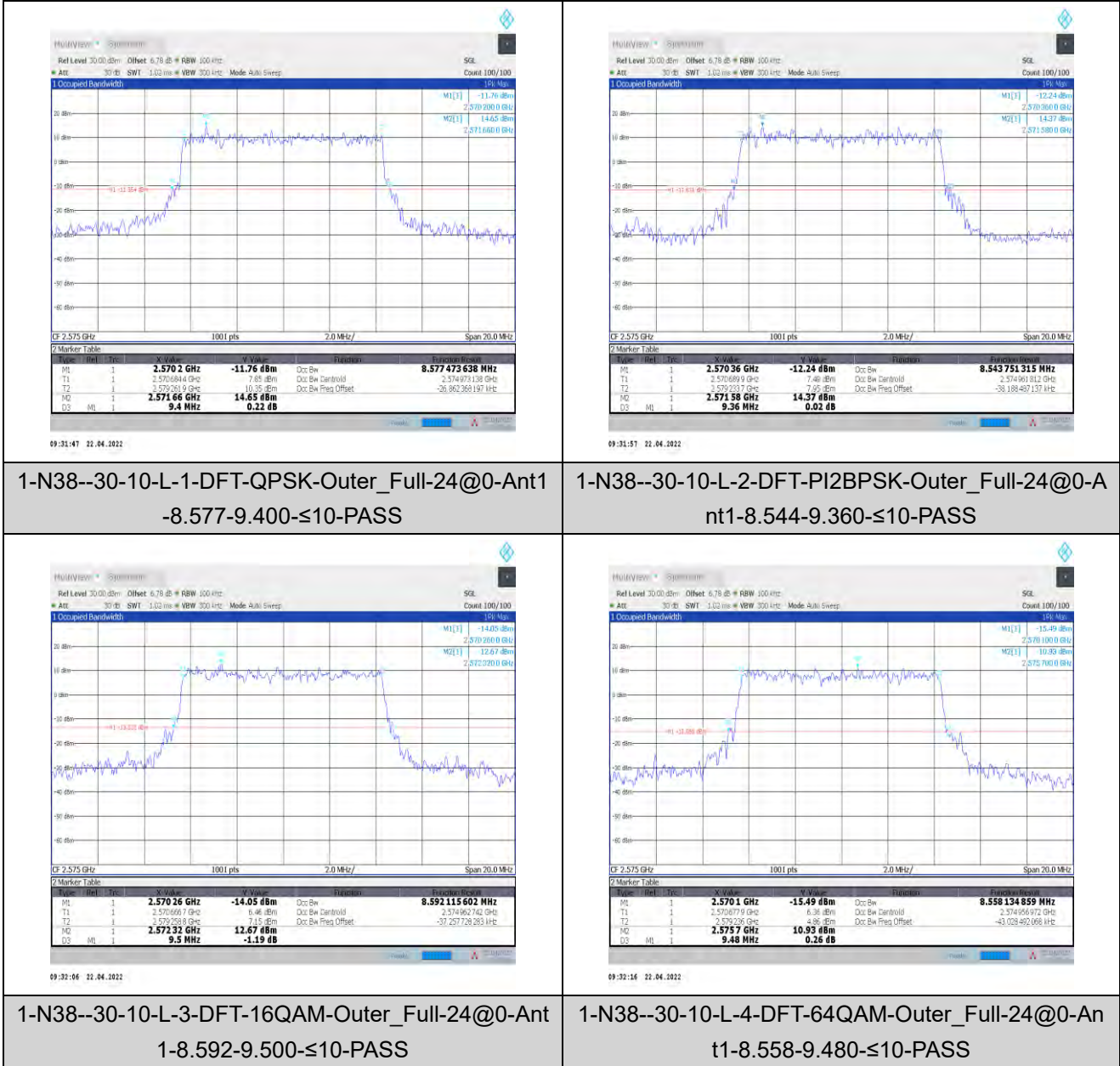
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Test Graphs



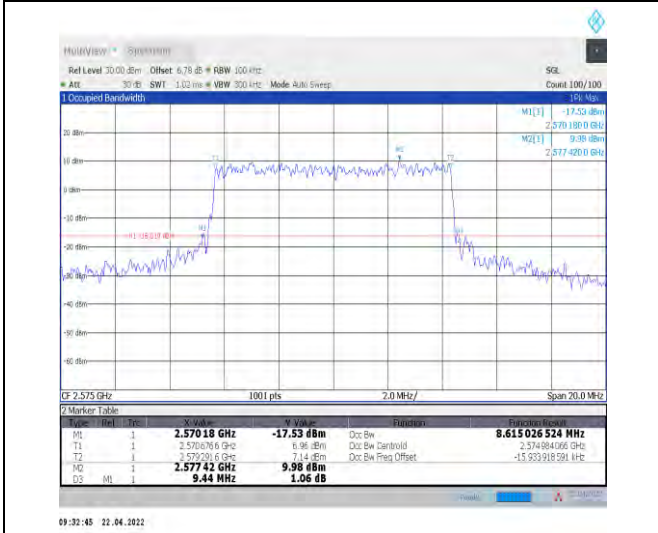
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1-N38--30-10-L-5-DFT-256QAM-Outer\_Full-24@0-A  
nt1-8.591-10.000-<=10-PASS



1-N38--30-10-L-6-CP-QPSK-Outer\_Full-24@0-Ant1-  
8.565-9.480-<=10-PASS



1-N38--30-10-L-7-CP-16QAM-Outer\_Full-24@0-Ant1  
-8.615-9.440-<=10-PASS



1-N38--30-10-L-8-CP-64QAM-Outer\_Full-24@0-Ant  
1-8.608-9.500-<=10-PASS



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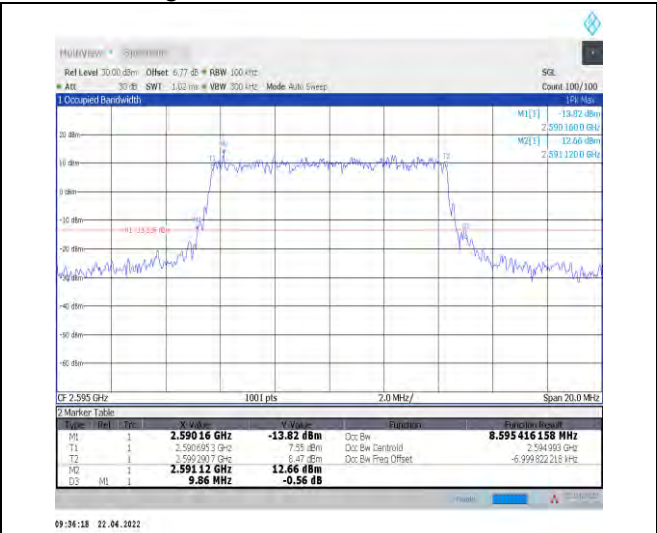
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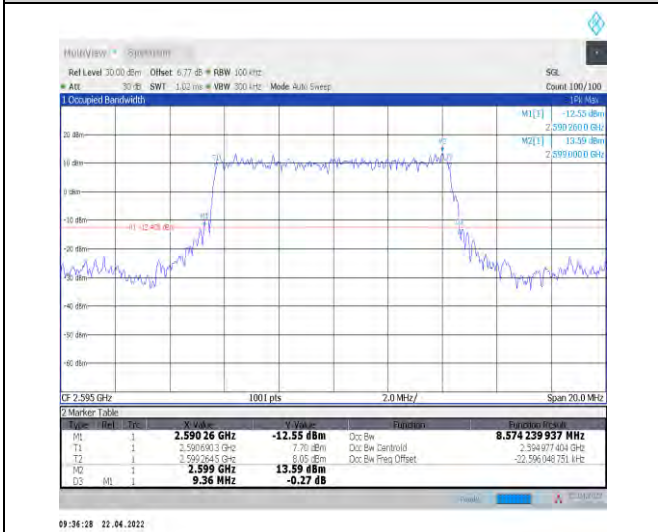
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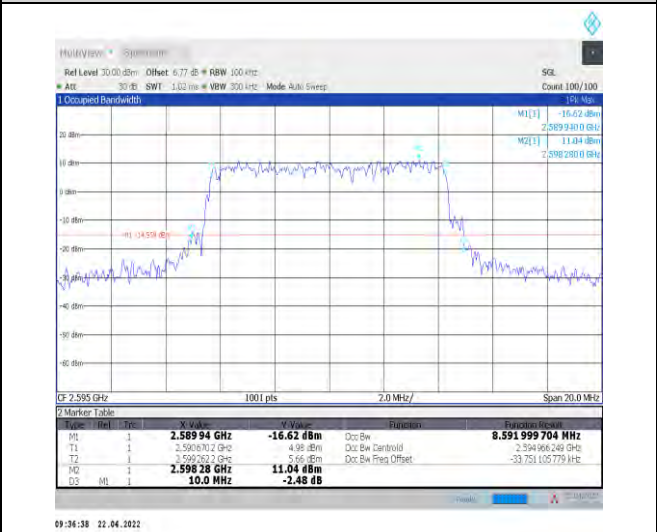
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1-8.583-9.620-≤10-PASS



1-N38--30-10-M-1-DFT-QPSK-Outer\_Full-24@0-Ant  
1-8.595-9.860-≤10-PASS



1-N38--30-10-M-2-DFT-PI2BPSK-Outer\_Full-24@0-Ant  
Ant1-8.574-9.360-≤10-PASS



1-N38--30-10-M-3-DFT-16QAM-Outer\_Full-24@0-Ant  
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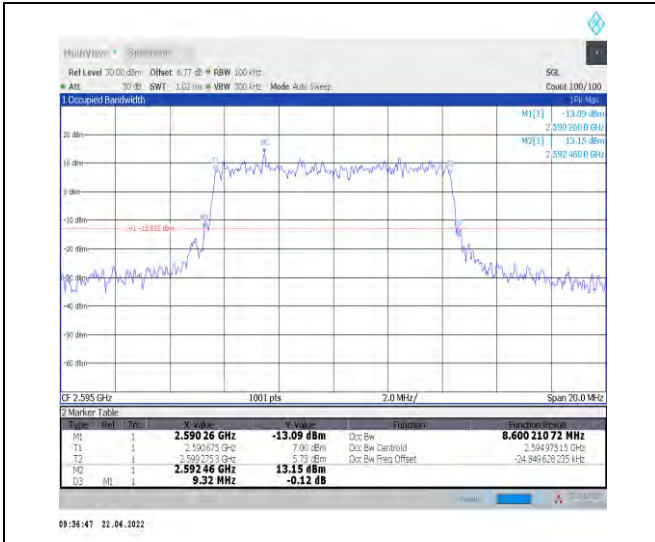


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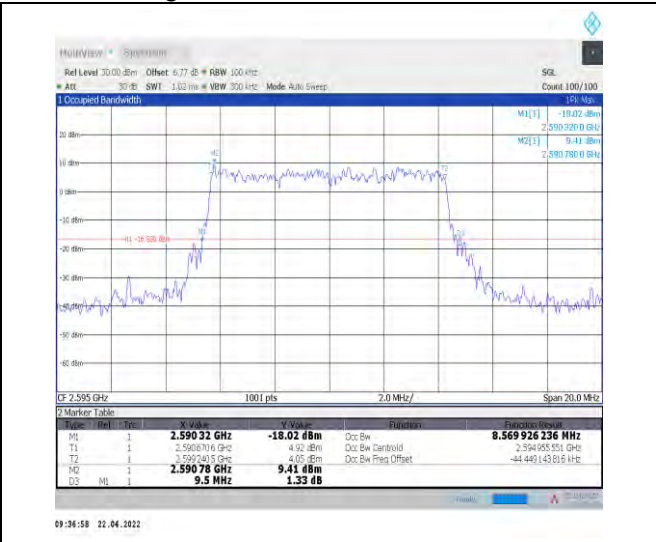
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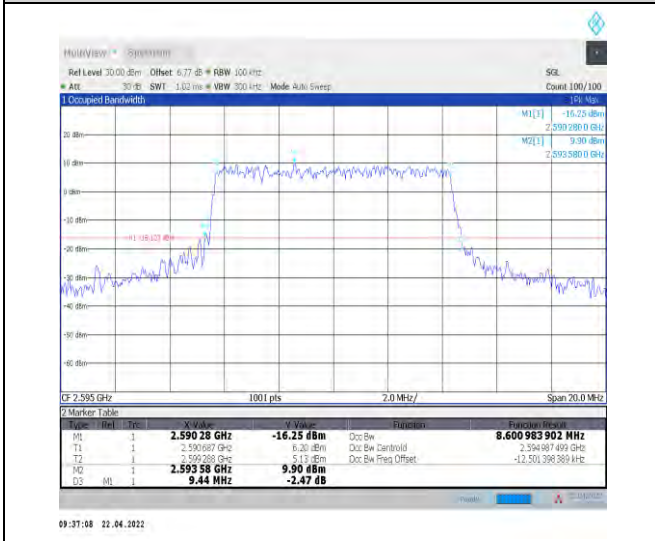
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1-N38--30-10-M-4-DFT-64QAM-Outer\_Full-24@0-Ant1-8.6-9.320-≤10-PASS



1-N38--30-10-M-5-DFT-256QAM-Outer\_Full-24@0-Ant1-8.57-9.500-≤10-PASS



1-N38--30-10-M-6-CP-QPSK-Outer\_Full-24@0-Ant1-8.601-9.440-≤10-PASS



1-N38--30-10-M-7-CP-16QAM-Outer\_Full-24@0-Ant1-8.6-9.540-≤10-PASS

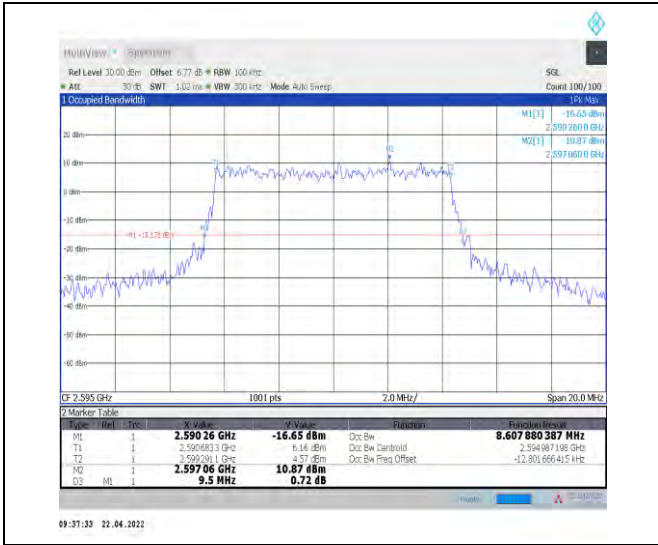


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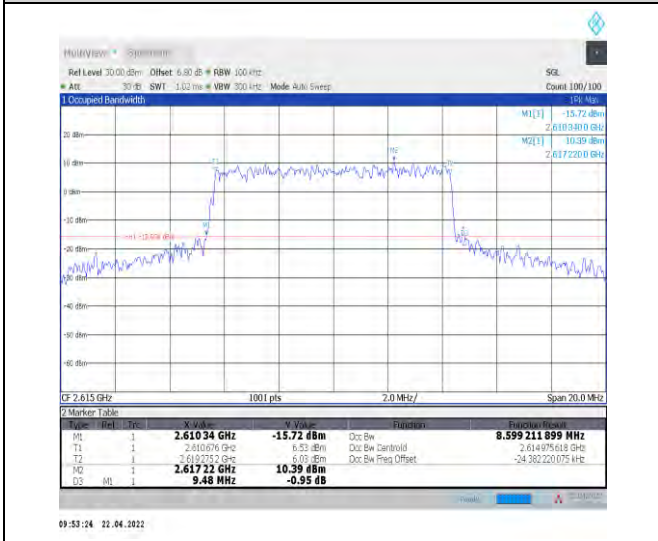
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1-N38--30-10-M-8-CP-64QAM-Outer\_Full-24@0-Ant  
1-8.608-9.500-≤10-PASS



1-N38--30-10-M-9-CP-256QAM-Outer\_Full-24@0-Ant  
nt1-8.577-9.540-≤10-PASS



1-N38--30-10-H-1-DFT-QPSK-Outer\_Full-24@0-Ant  
1-8.599-9.480-≤10-PASS



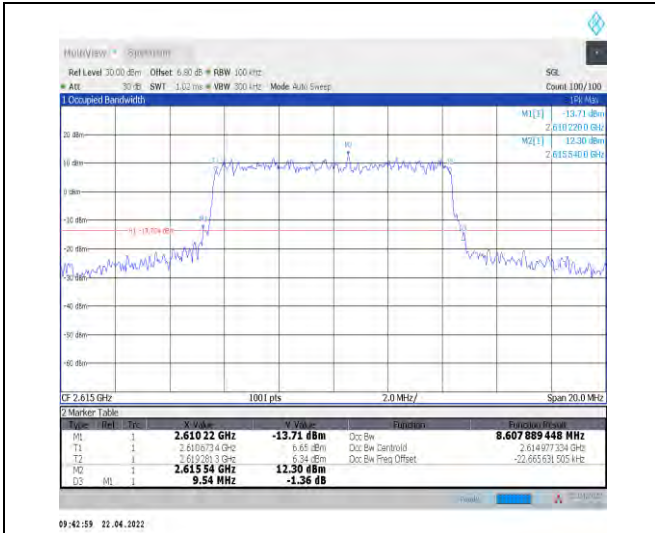
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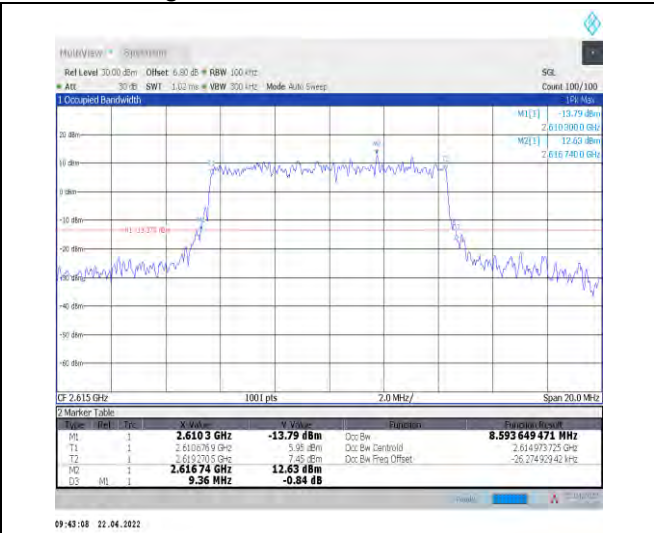
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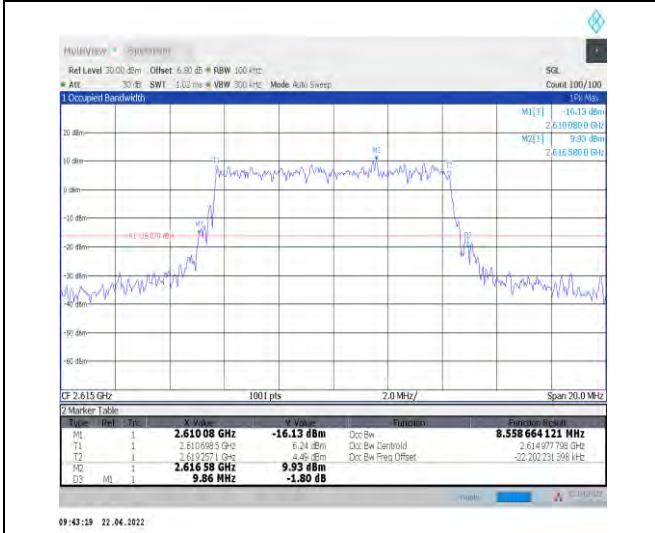
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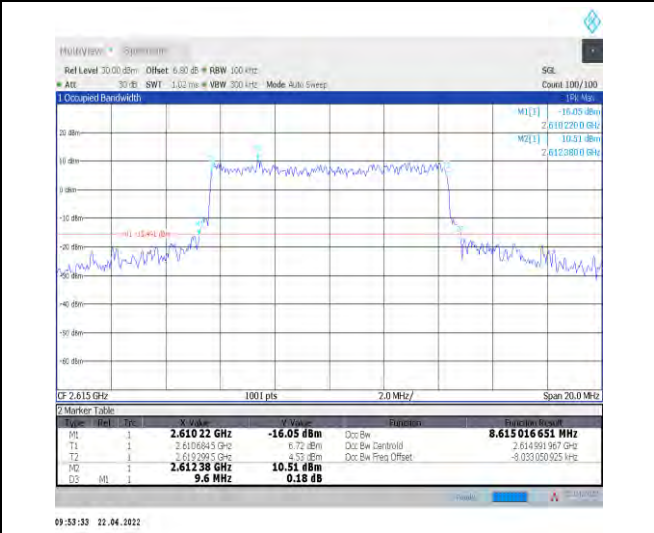
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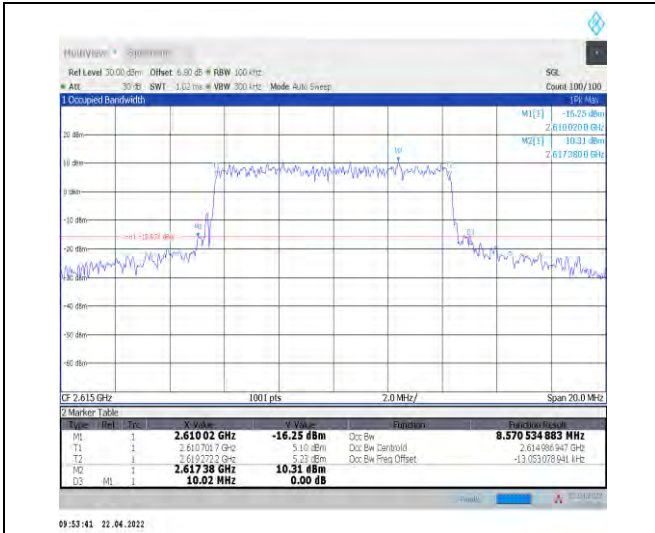


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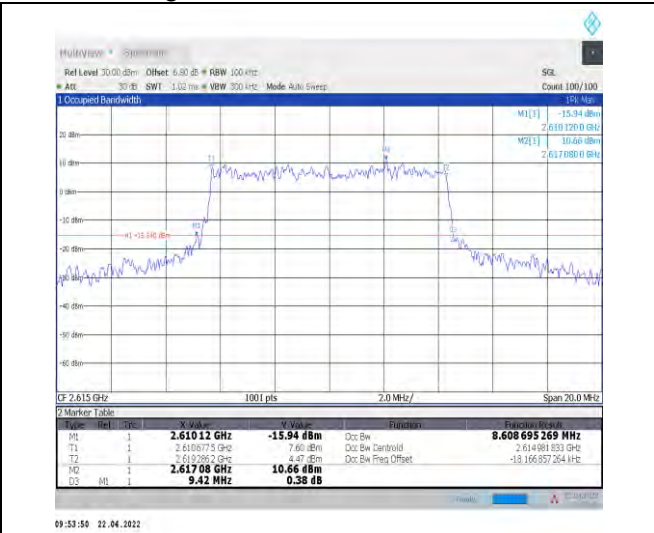


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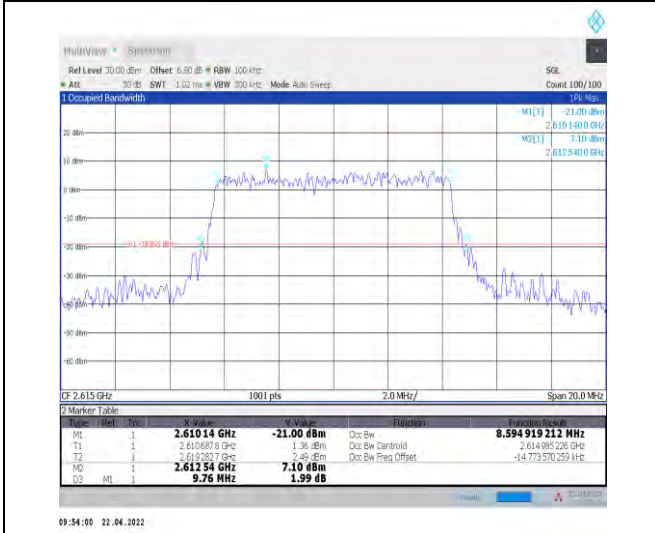
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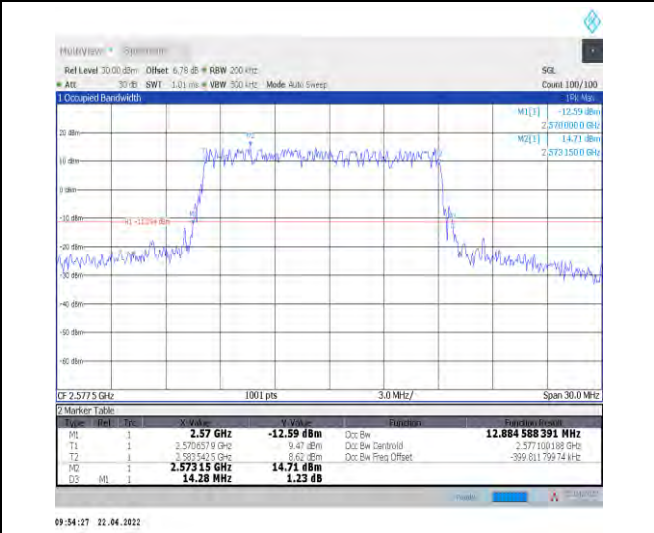
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1-8.571-10.020-≤10-PASS



1-N38--30-10-H-8-CP-64QAM-Outer\_Full-24@0-Ant  
1-8.609-9.420-≤10-PASS



1-N38--30-10-H-9-CP-256QAM-Outer\_Full-24@0-Ant  
t1-8.595-9.760-≤10-PASS



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-12.885-14.280-≤15-PASS

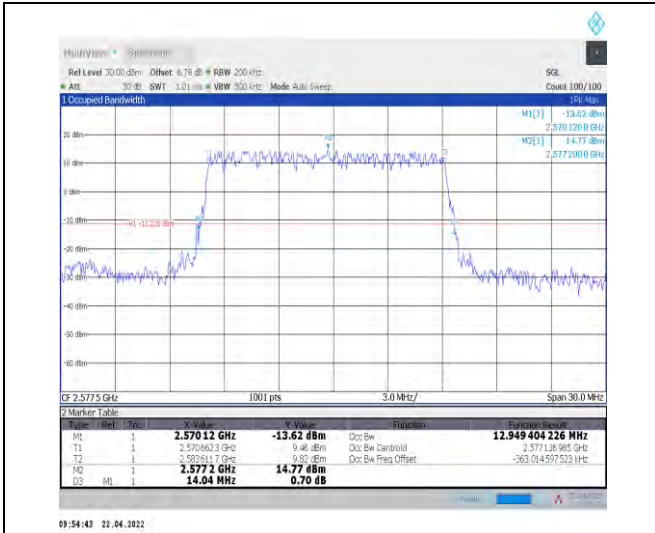


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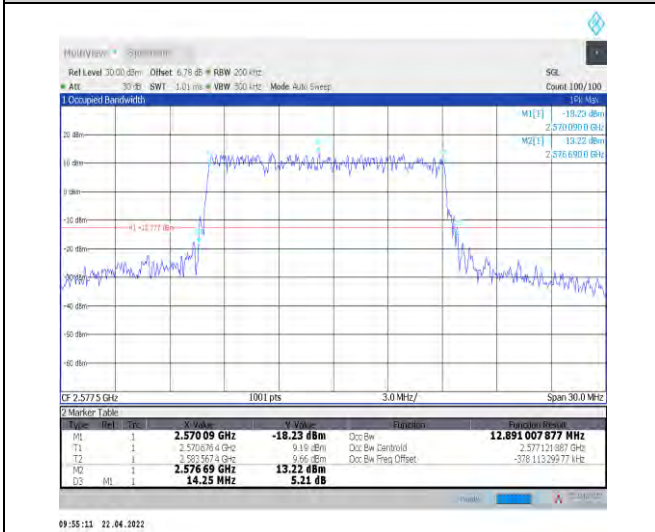
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1-N38--30-15-L-2-DFT-PI2BPSK-Outer\_Full-36@0-A  
nt1-12.949-14.040-≤15-PASS



1-N38--30-15-L-3-DFT-16QAM-Outer\_Full-36@0-An  
t1-12.852-14.010-≤15-PASS



1-N38--30-15-L-4-DFT-64QAM-Outer\_Full-36@0-Ant  
1-12.891-14.250-≤15-PASS



1-N38--30-15-L-5-DFT-256QAM-Outer\_Full-36@0-A  
nt1-12.813-13.920-≤15-PASS

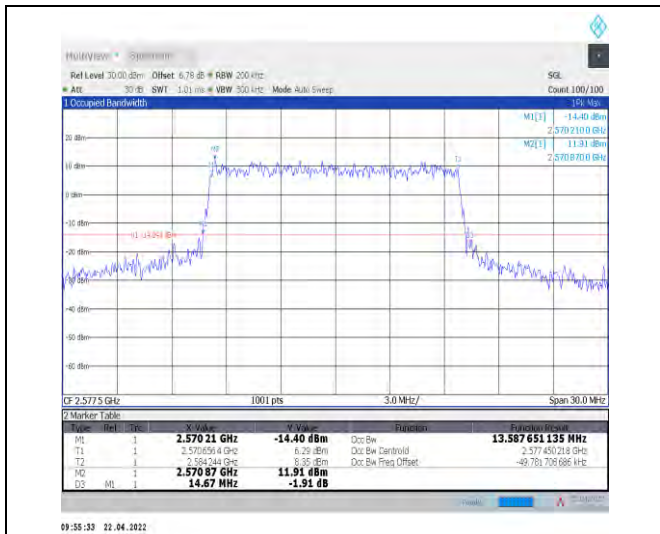


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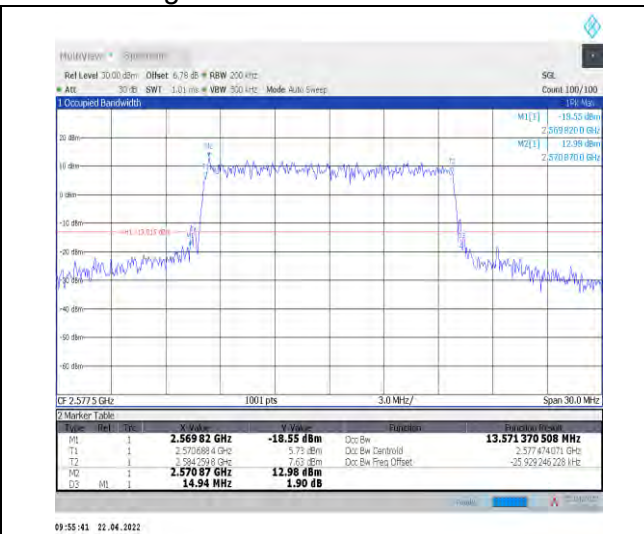
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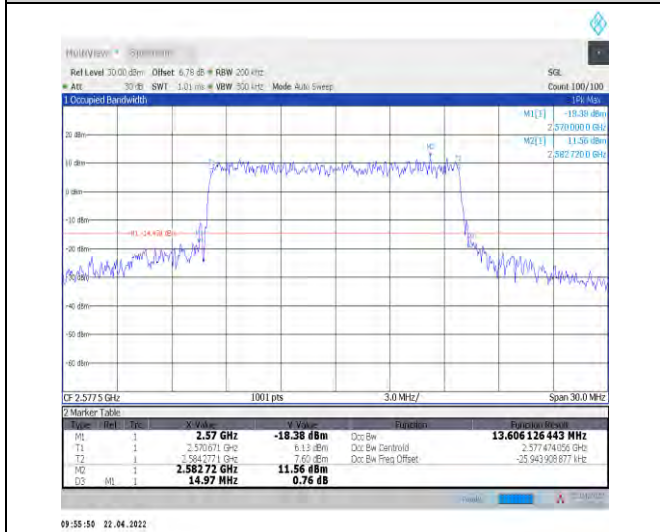




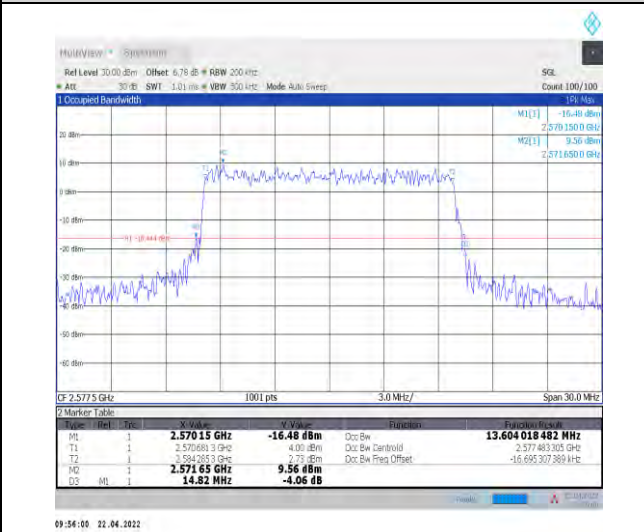
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1-N38--30-15-L-7-CP-16QAM-Outer\_Full-38@0-Ant1-13.571-14.940-≤15-PASS

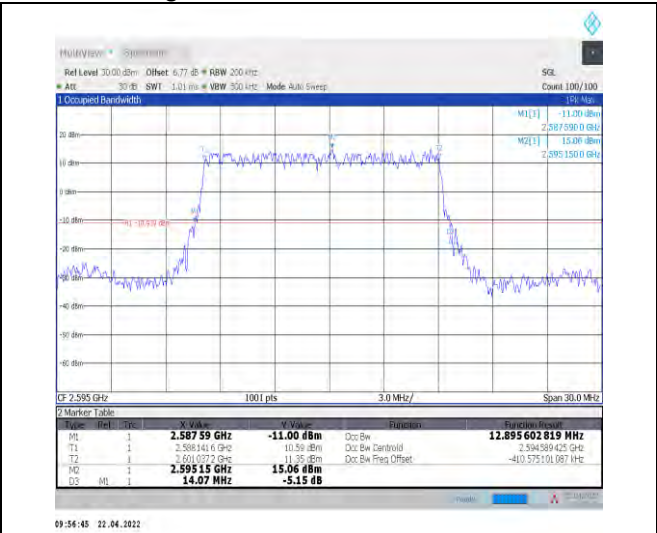
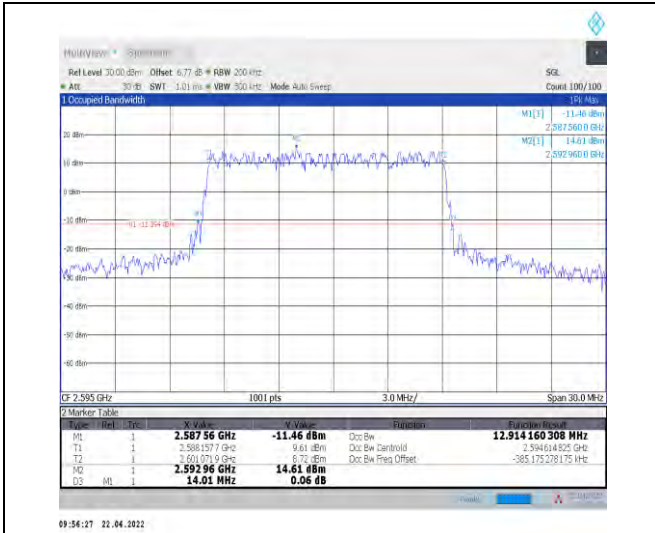


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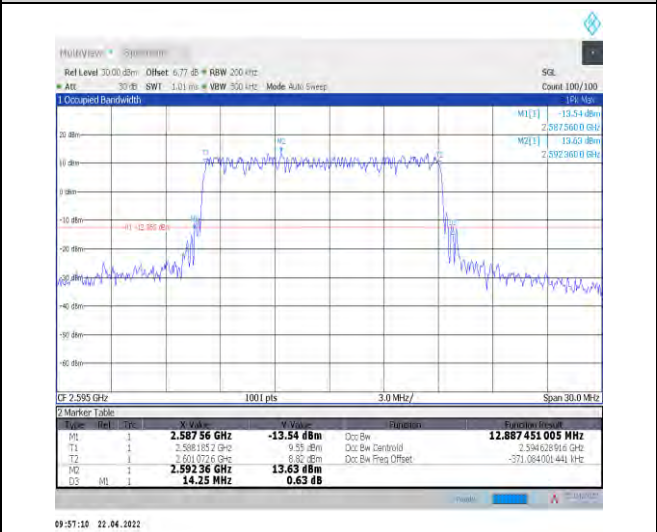
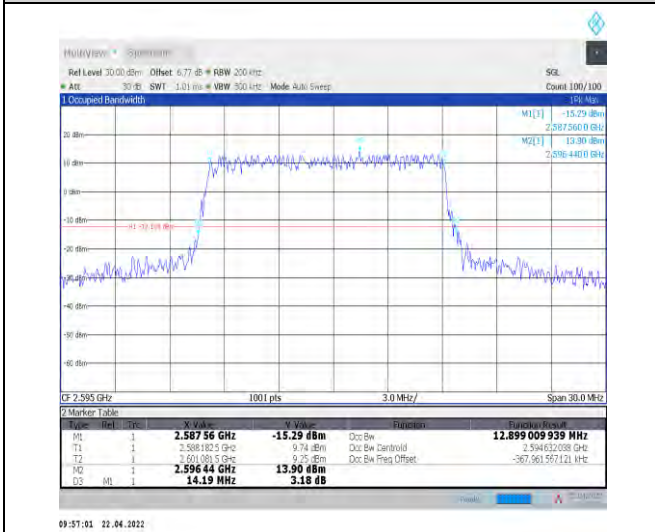
1-N38--30-15-L-9-CP-256QAM-Outer\_Full-38@0-Ant1-13.604-14.820-≤15-PASS





1-N38--30-15-M-1-DFT-QPSK-Outer\_Full-36@0-Ant  
1-12.914-14.010-≤15-PASS

1-N38--30-15-M-2-DFT-PI2BPSK-Outer\_Full-36@0-Ant  
1-12.896-14.070-≤15-PASS



1-N38--30-15-M-3-DFT-16QAM-Outer\_Full-36@0-Ant  
t1-12.899-14.190-≤15-PASS

1-N38--30-15-M-4-DFT-64QAM-Outer\_Full-36@0-Ant  
t1-12.887-14.250-≤15-PASS

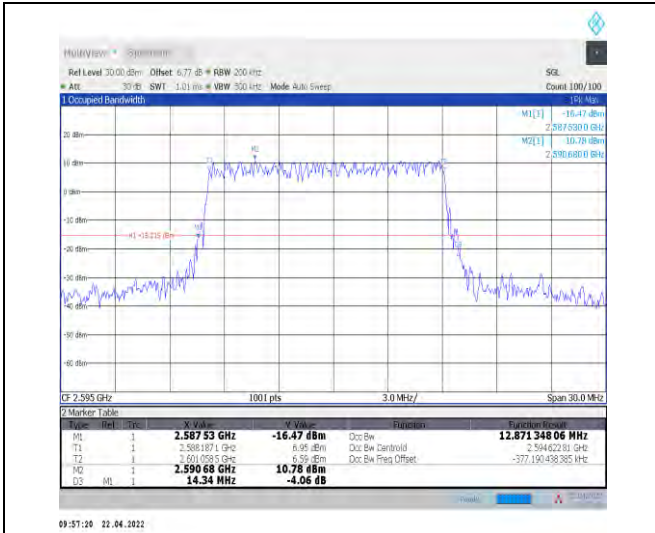


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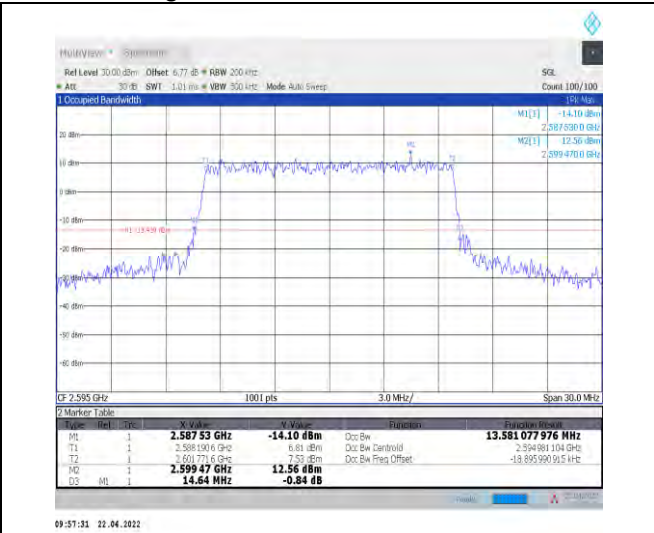
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1-N38--30-15-M-5-DFT-256QAM-Outer\_Full-36@0-A  
nt1-12.871-14.340-≤15-PASS



1-N38--30-15-M-6-CP-QPSK-Outer\_Full-38@0-Ant1  
-13.581-14.640-≤15-PASS



1-N38--30-15-M-7-CP-16QAM-Outer\_Full-38@0-Ant  
1-13.575-15.060-≤15-PASS



1-N38--30-15-M-8-CP-64QAM-Outer\_Full-38@0-Ant  
1-13.675-14.790-≤15-PASS

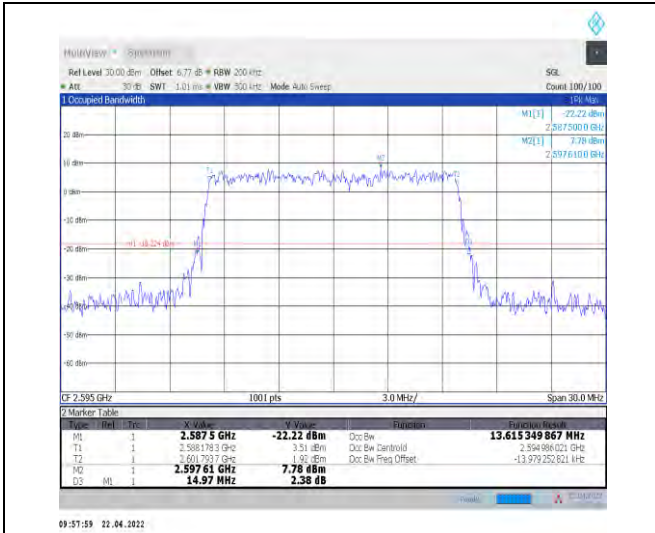


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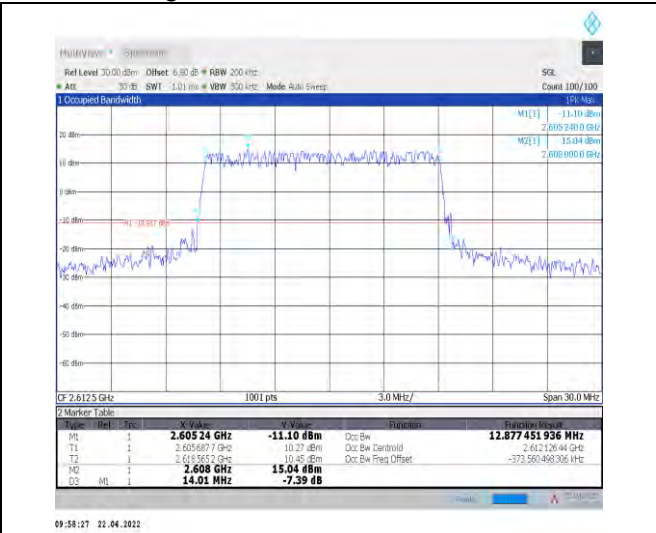
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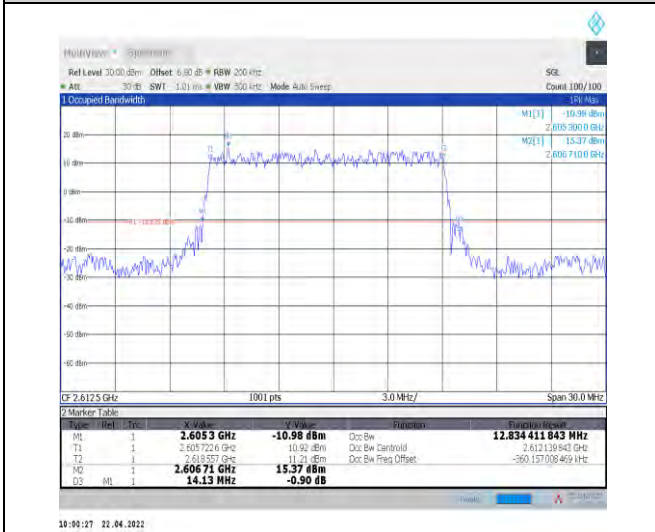
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1-N38--30-15-M-9-CP-256QAM-Outer\_Full-38@0-An  
t1-13.615-14.970-<=15-PASS



1-N38--30-15-H-1-DFT-QPSK-Outer\_Full-36@0-Ant  
1-12.877-14.010-<=15-PASS



1-N38--30-15-H-2-DFT-PI2BPSK-Outer\_Full-36@0-Ant1-12.834-14.130-<=15-PASS



1-N38--30-15-H-3-DFT-16QAM-Outer\_Full-36@0-Ant  
t1-12.835-13.950-<=15-PASS

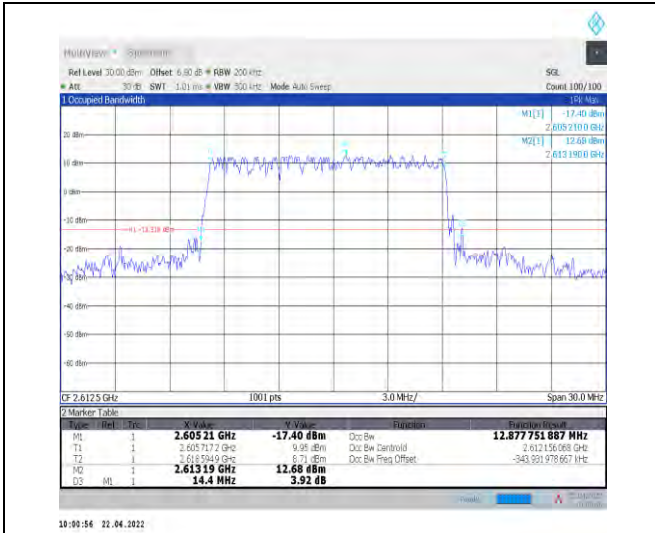


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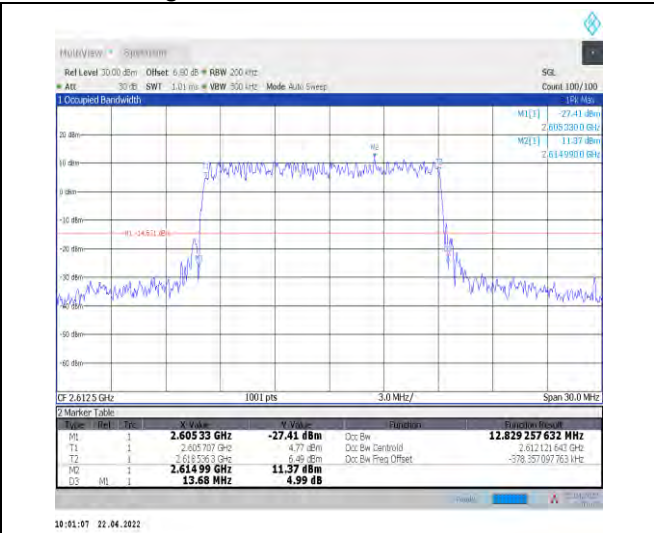
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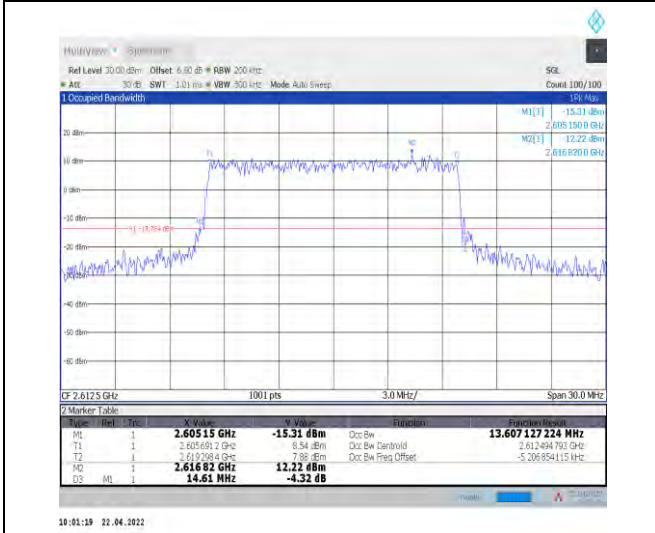
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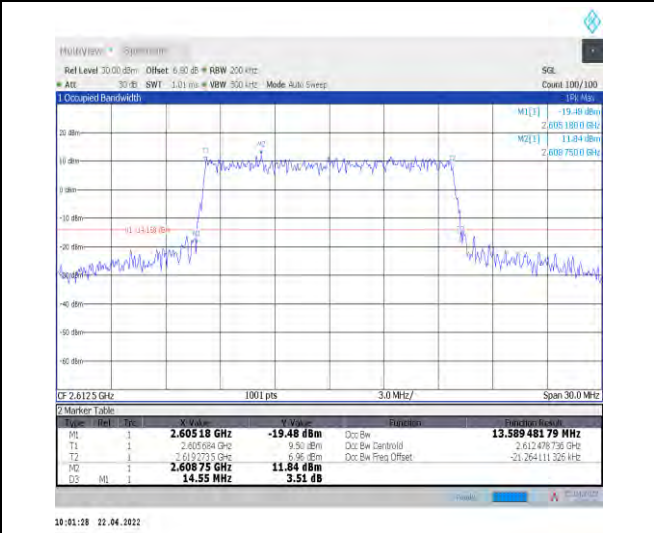
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1-N38--30-15-H-5-DFT-256QAM-Outer\_Full-36@0-Ant  
nt1-12.829-13.680-≤15-PASS



1-N38--30-15-H-6-CP-QPSK-Outer\_Full-38@0-Ant1  
13.607-14.610-≤15-PASS



1-N38--30-15-H-7-CP-16QAM-Outer\_Full-38@0-Ant  
1-13.589-14.550-≤15-PASS

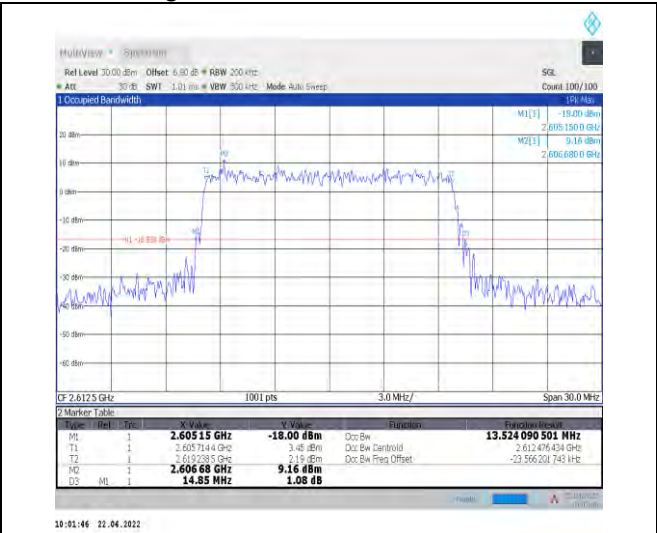
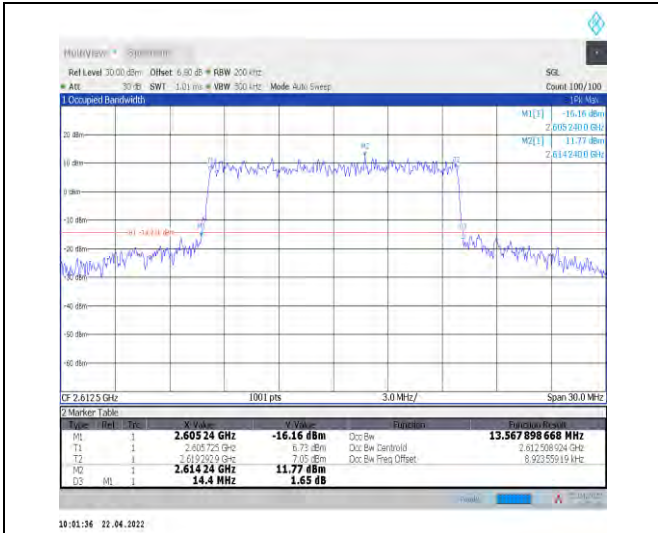


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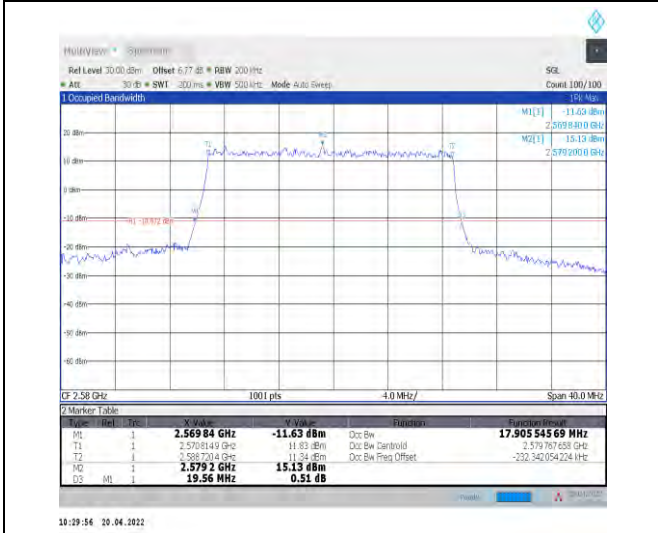
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1-13.568-14.400-≤15-PASS

1-N38--30-15-H-9-CP-256QAM-Outer\_Full-38@0-An  
t1-13.524-14.850-≤15-PASS



1-N38--30-20-L-1-DFT-QPSK-Outer\_Full-50@0-Ant1  
-17.906-19.560-≤20-PASS

1-N38--30-20-L-2-DFT-PI2BPSK-Outer\_Full-50@0-A  
nt1-17.871-19.720-≤20-PASS



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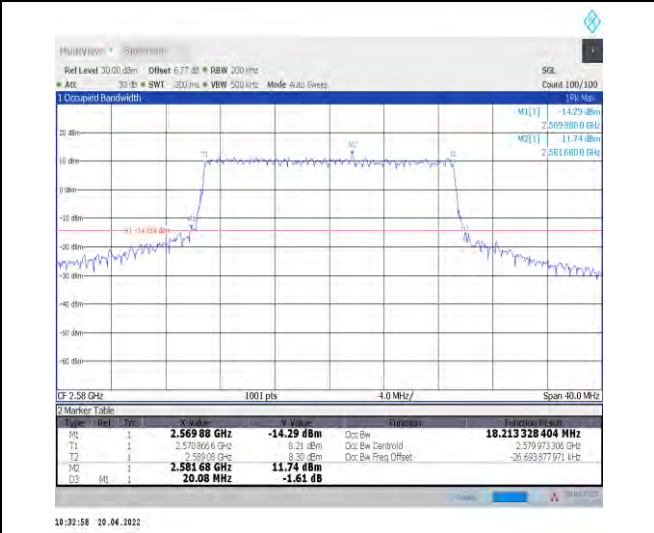
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t1-17.906-19.480-≤20-PASS



1-N38--30-20-L-5-DFT-256QAM-Outer\_Full-50@0-A  
nt1-17.877-19.560-≤20-PASS



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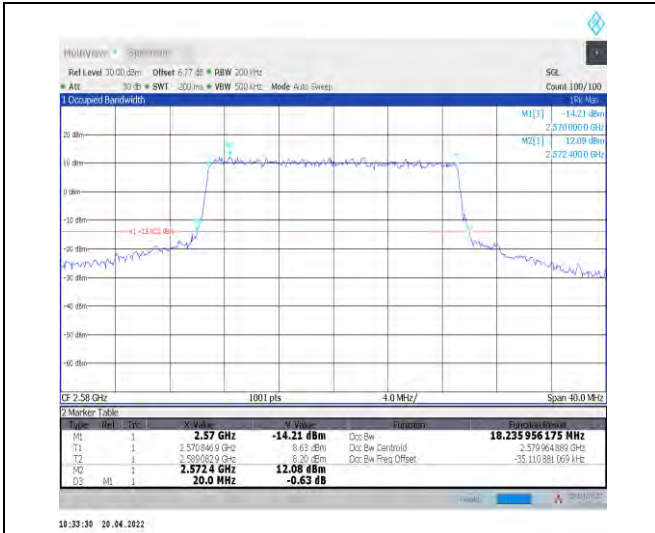


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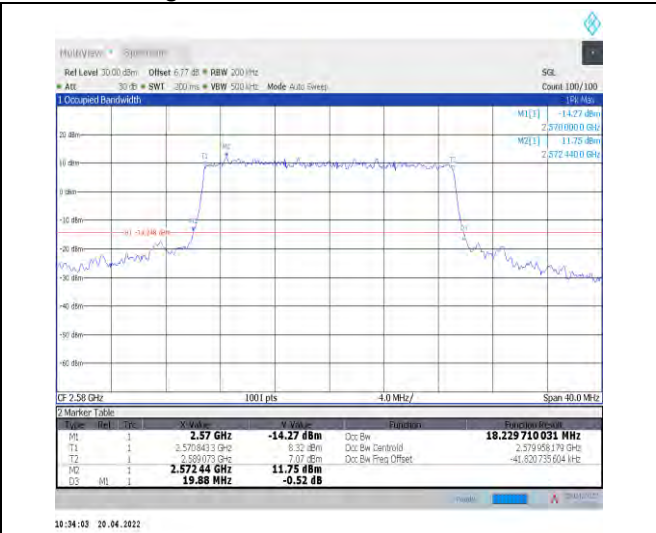
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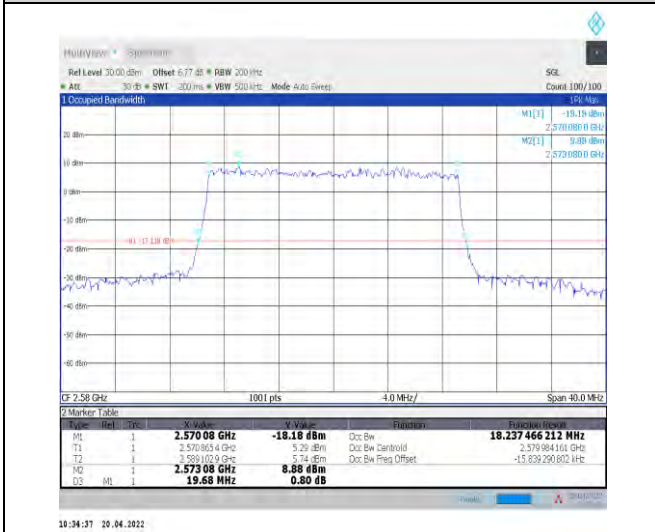
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-18.236-20.000-≤20-PASS



1-N38--30-20-L-8-CP-64QAM-Outer\_Full-51@0-Ant  
1-18.23-19.880-≤20-PASS



1-N38--30-20-L-9-CP-256QAM-Outer\_Full-51@0-Ant  
1-18.237-19.680-≤20-PASS



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1-17.897-19.560-≤20-PASS



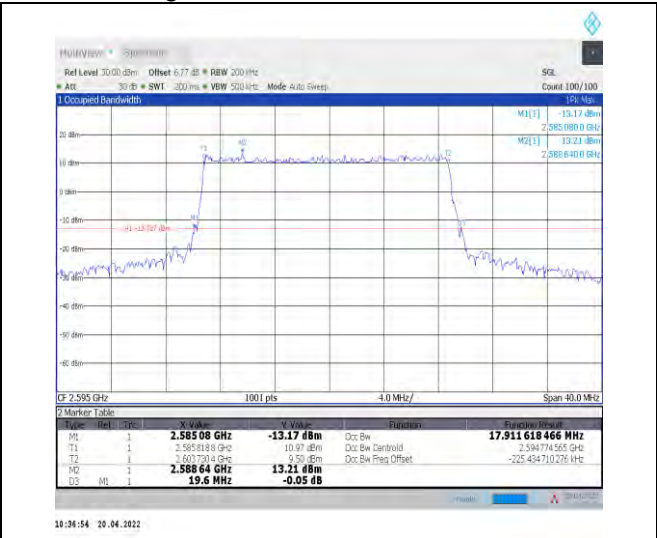
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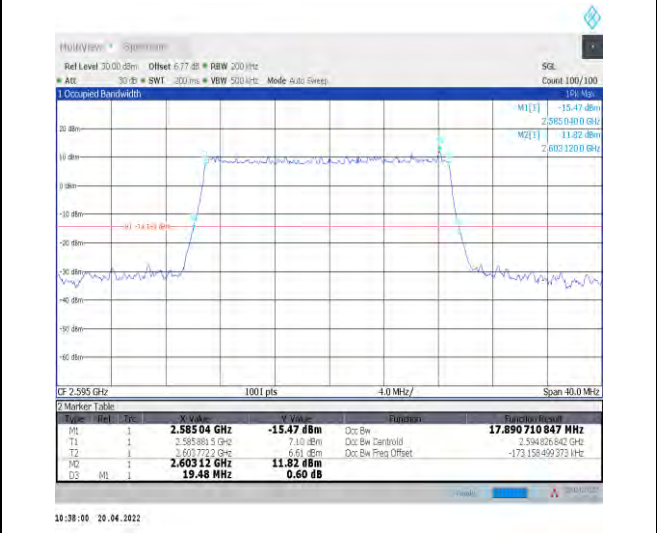
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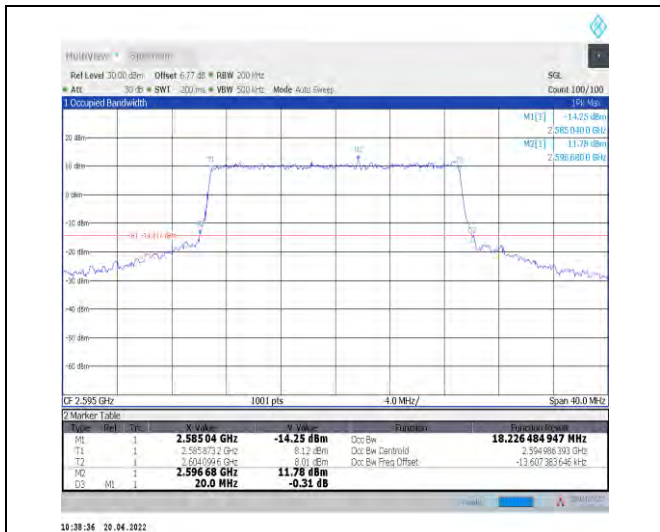
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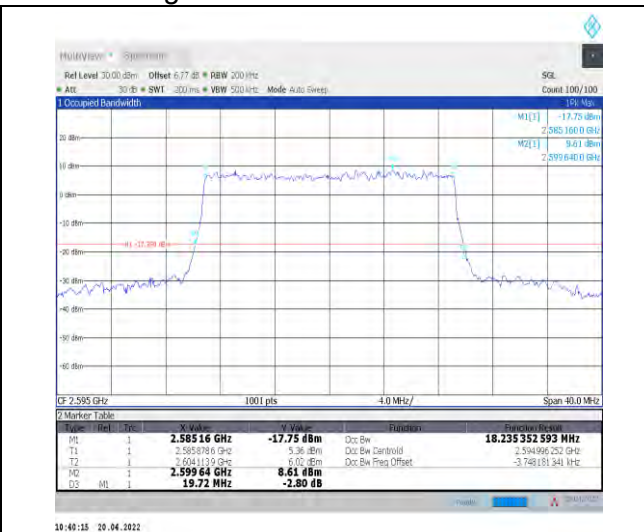
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1-N38--30-20-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-17.891-19.480-<=20-PASS

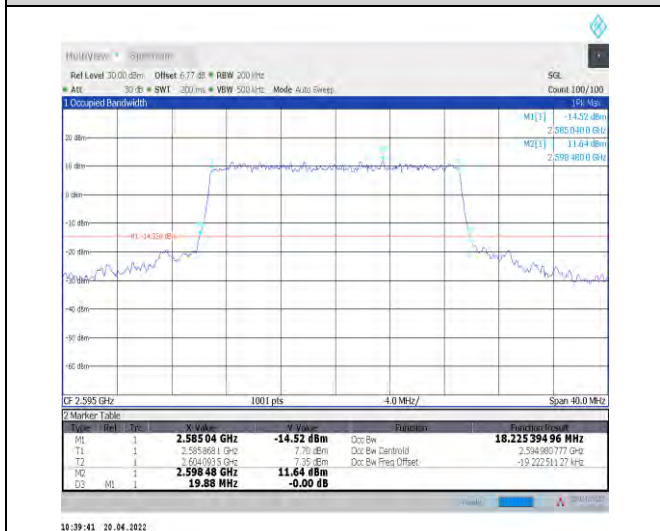




1-N38--30-20-M-6-CP-QPSK-Outer\_Full-51@0-Ant-18.226-20.000-≤20-PASS



1-N38--30-20-M-7-CP-16QAM-Outer\_Full-51@0-Ant-18.206-19.960-≤20-PASS



1-N38--30-20-M-8-CP-64QAM-Outer\_Full-51@0-Ant-18.225-19.880-≤20-PASS



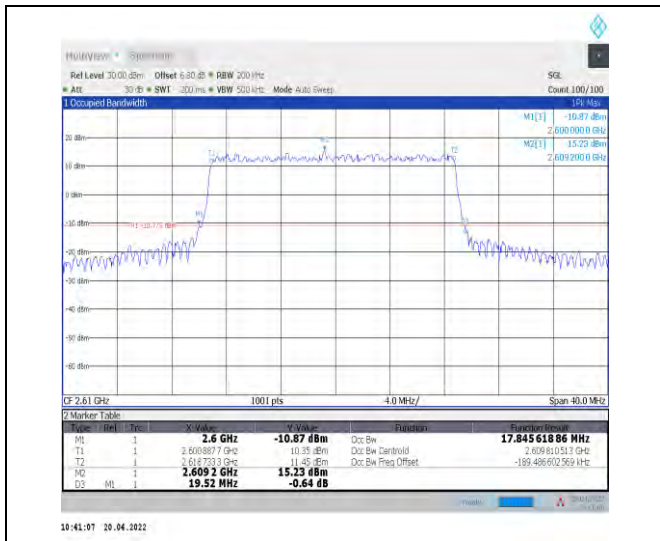
1-N38--30-20-M-9-CP-256QAM-Outer\_Full-51@0-Ant-18.235-19.720-≤20-PASS



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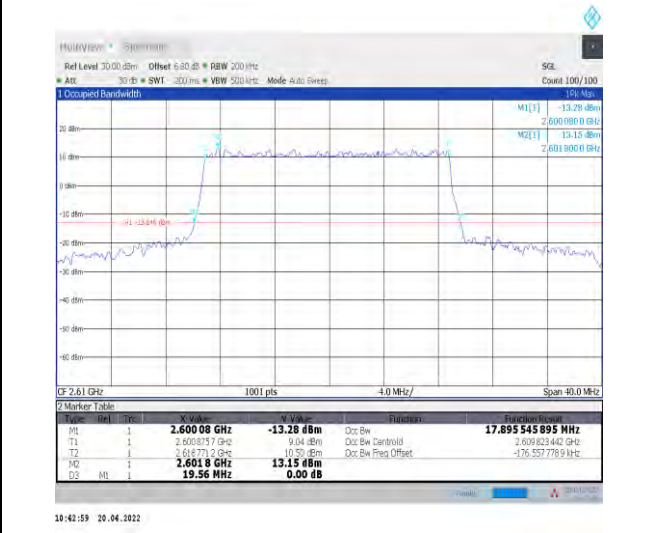
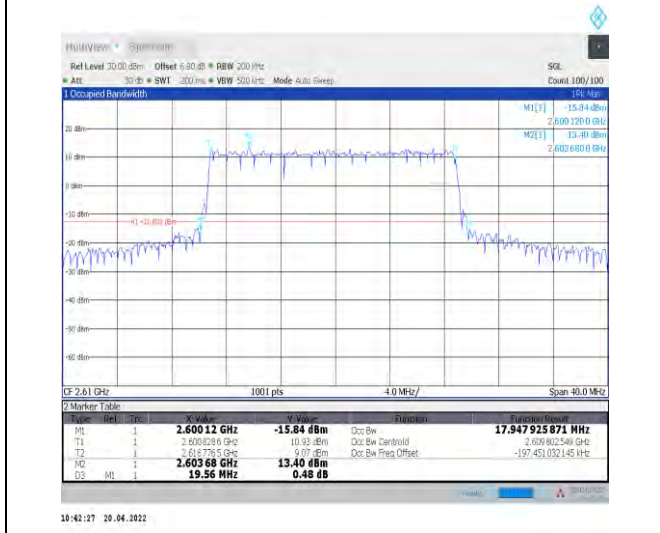
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1-N38--30-20-H-1-DFT-QPSK-Outer\_Full-50@0-Ant  
 1-17.846-19.520-≤20-PASS

1-N38--30-20-H-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1  
 1-17.858-19.720-≤20-PASS



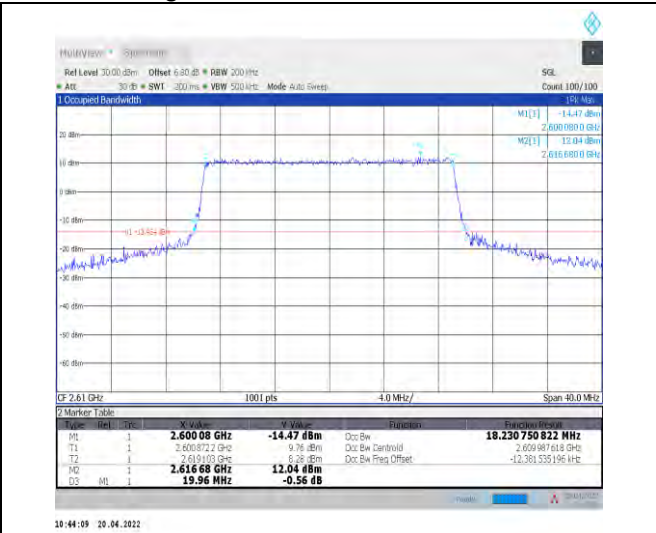
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 t1-17.948-19.560-≤20-PASS

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 t1-17.896-19.560-≤20-PASS

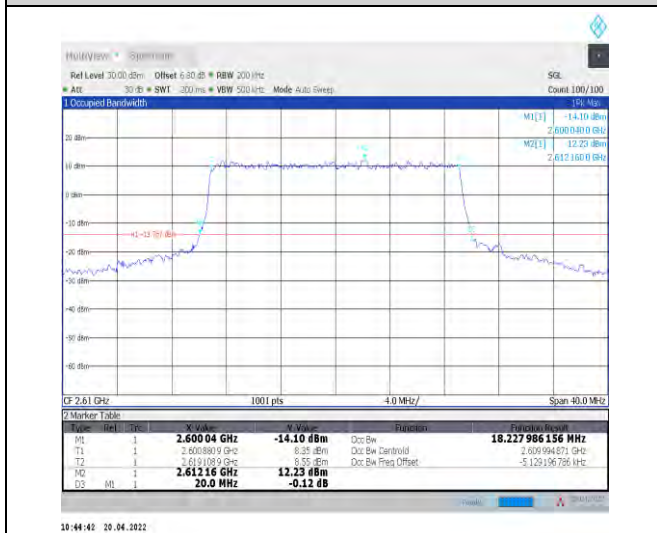




1-N38--30-20-H-5-DFT-256QAM-Outer\_Full-50@0-A  
nt1-17.848-19.480-≤20-PASS



1-N38--30-20-H-6-CP-QPSK-Outer\_Full-51@0-Ant1-  
18.231-19.960-≤20-PASS



1-N38--30-20-H-7-CP-16QAM-Outer\_Full-51@0-Ant  
1-18.228-20.000-≤20-PASS



1-N38--30-20-H-8-CP-64QAM-Outer\_Full-51@0-Ant  
1-18.219-19.840-≤20-PASS



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1-N38--30-20-H-9-CP-256QAM-Outer\_Full-51@0-Ant1-18.26-19.840-≤20-PASS



1-N38--30-30-L-1-DFT-QPSK-Outer\_Full-75@0-Ant1-26.83-28.740-≤30-PASS



1-N38--30-30-L-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-26.835-28.860-≤30-PASS



1-N38--30-30-L-3-DFT-16QAM-Outer\_Full-75@0-Ant1-26.856-28.740-≤30-PASS



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