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# Appendix B.36

## NR Band n38



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

### Test ResultAnt1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.14	26.91	33	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	26.13	26.9	33	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	25.55	26.32	33	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Left	25.96	26.73	33	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Right	26.03	26.8	33	PASS
N38	30	10	DFT-QPSK	L	Outer_Full	25.18	25.95	33	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	25.29	26.06	33	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Right	25.19	25.96	33	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	24.15	24.92	33	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Left	23.16	23.93	33	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Right	23.25	24.02	33	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	23.53	24.3	33	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Left	21.75	22.52	33	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Right	21.92	22.69	33	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	21.44	22.21	33	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	26.32	27.09	33	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	26.32	27.09	33	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	25.87	26.64	33	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Left	26.24	27.01	33	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Right	26.14	26.91	33	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	25.23	26	33	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	25.25	26.02	33	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Right	25.46	26.23	33	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	24.34	25.11	33	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Left	23.34	24.11	33	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Right	23.45	24.22	33	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	23.68	24.45	33	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Left	22	22.77	33	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Right	22.04	22.81	33	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	21.9	22.67	33	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	26.05	26.82	33	PASS



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Table with 10 columns: Test ID, Parameter 1, Parameter 2, Modulation, Mode, Location, Value 1, Value 2, Count, Result. Rows include various DFT modulation tests like DFT-PI2BPSK, DFT-QPSK, DFT-16QAM, DFT-64QAM, and DFT-256QAM.



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N38	30	15	DFT-16QAM	M	Outer_Full	24.28	25.05	33	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Left	23.34	24.11	33	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Right	23.57	24.34	33	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	23.72	24.49	33	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Left	22.2	22.97	33	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Right	22.09	22.86	33	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	21.73	22.5	33	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	26.27	27.04	33	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	26.21	26.98	33	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	25.74	26.51	33	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Left	26.19	26.96	33	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Right	26.25	27.02	33	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	25.39	26.16	33	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Left	25.38	26.15	33	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Right	25.32	26.09	33	PASS
N38	30	15	DFT-16QAM	H	Outer_Full	24.26	25.03	33	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Left	23.34	24.11	33	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Right	23.51	24.28	33	PASS
N38	30	15	DFT-64QAM	H	Outer_Full	23.85	24.62	33	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Left	21.9	22.67	33	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Right	22	22.77	33	PASS
N38	30	15	DFT-256QAM	H	Outer_Full	21.78	22.55	33	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.03	26.8	33	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	26.13	26.9	33	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	25.6	26.37	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	26.03	26.8	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Right	26.05	26.82	33	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	25.11	25.88	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	24.98	25.75	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Right	25.19	25.96	33	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	24.09	24.86	33	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Left	23.22	23.99	33	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Right	23.45	24.22	33	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	23.52	24.29	33	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Left	21.68	22.45	33	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Right	21.97	22.74	33	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	21.67	22.44	33	PASS



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Table with 10 columns: Test ID, Parameter 1, Parameter 2, Modulation, Mode, Location, Value 1, Value 2, Pass/Fail, Result. Rows include various modulation types like DFT-PI2BPSK, DFT-QPSK, DFT-16QAM, DFT-64QAM, DFT-256QAM for both M and H modes in Inner and Outer Full locations.



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Table with 10 columns: Test ID, Parameter 1, Parameter 2, Modulation, Modulation, Modulation, Value 1, Value 2, Value 3, Result. Rows include various DFT and DFT-PI2BPSK tests with results like PASS.



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N38	30	40	DFT-256QAM	H	Outer_Full	21.84	22.61	33	PASS
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### Effective (Isotropic) Radiated Power Output Data for MIMO

#### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1 (dBm)	Power Ant7 (dBm)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N38	30	10	DFT-BPSK	L	Inner_1RB_Left	22.75	22.45	25.61	27.3	33	PASS
N38	30	10	DFT-BPSK	L	Inner_1RB_Right	22.86	22.6	25.74	27.43	33	PASS
N38	30	10	DFT-BPSK	L	Outer_Full	21.83	21.61	24.73	26.42	33	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	21.68	21.42	24.56	26.25	33	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Right	21.8	21.56	24.69	26.38	33	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	20.84	20.54	23.70	25.39	33	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Left	20.08	19.93	23.02	24.71	33	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Right	20.2	20.05	23.14	24.83	33	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	20.31	20.06	23.20	24.89	33	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Left	18.58	17.95	21.29	22.98	33	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Right	18.6	18.02	21.33	23.02	33	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	18.75	17.99	21.40	23.09	33	PASS
N38	30	10	DFT-BPSK	M	Inner_1RB_Left	22.82	22.55	25.7	27.39	33	PASS
N38	30	10	DFT-BPSK	M	Inner_1RB_Right	22.78	22.57	25.69	27.38	33	PASS
N38	30	10	DFT-BPSK	M	Outer_Full	21.76	21.63	24.71	26.4	33	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	21.76	21.54	24.66	26.35	33	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Right	21.67	21.58	24.64	26.33	33	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	20.75	20.56	23.67	25.36	33	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Left	20.23	19.99	23.12	24.81	33	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Right	20.06	19.95	23.02	24.71	33	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	20.22	20.08	23.16	24.85	33	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Left	18.55	18	21.29	22.98	33	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Right	18.5	17.97	21.25	22.94	33	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	18.66	18.02	21.36	23.05	33	PASS
N38	30	10	DFT-BPSK	H	Inner_1RB_Left	22.68	22.54	25.62	27.31	33	PASS
N38	30	10	DFT-BPSK	H	Inner_1RB_Right	22.86	22.69	25.79	27.48	33	PASS
N38	30	10	DFT-BPSK	H	Outer_Full	21.78	21.68	24.74	26.43	33	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Left	21.6	21.4	24.51	26.2	33	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Right	21.75	21.65	24.71	26.4	33	PASS
N38	30	10	DFT-16QAM	H	Outer_Full	20.75	20.57	23.67	25.36	33	PASS



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N38	30	10	DFT-64QAM	H	Inner_1RB_Left	19.99	19.93	22.97	24.66	33	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Right	20.22	20.08	23.16	24.85	33	PASS
N38	30	10	DFT-64QAM	H	Outer_Full	20.21	20.08	23.16	24.85	33	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Left	18.49	17.93	21.23	22.92	33	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Right	18.51	18.08	21.31	23	33	PASS
N38	30	10	DFT-256QAM	H	Outer_Full	18.64	18.12	21.40	23.09	33	PASS
N38	30	15	DFT-BPSK	L	Inner_1RB_Left	22.76	22.52	25.65	27.34	33	PASS
N38	30	15	DFT-BPSK	L	Inner_1RB_Right	22.88	22.73	25.82	27.51	33	PASS
N38	30	15	DFT-BPSK	L	Outer_Full	21.81	21.66	24.75	26.44	33	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Left	21.64	21.38	24.52	26.21	33	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Right	21.8	21.6	24.71	26.4	33	PASS
N38	30	15	DFT-16QAM	L	Outer_Full	20.84	20.64	23.75	25.44	33	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Left	20.07	19.85	22.97	24.66	33	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Right	20.39	20.21	23.31	25	33	PASS
N38	30	15	DFT-64QAM	L	Outer_Full	20.34	20.11	23.24	24.93	33	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Left	18.51	17.88	21.22	22.91	33	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Right	18.65	18.01	21.35	23.04	33	PASS
N38	30	15	DFT-256QAM	L	Outer_Full	18.73	18.02	21.40	23.09	33	PASS
N38	30	15	DFT-BPSK	M	Inner_1RB_Left	22.82	22.64	25.74	27.43	33	PASS
N38	30	15	DFT-BPSK	M	Inner_1RB_Right	22.65	22.57	25.62	27.31	33	PASS
N38	30	15	DFT-BPSK	M	Outer_Full	21.8	21.64	24.73	26.42	33	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Left	21.73	21.61	24.68	26.37	33	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Right	21.55	21.59	24.58	26.27	33	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	20.76	20.63	23.71	25.4	33	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Left	20.31	20.06	23.20	24.89	33	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Right	20.22	20	23.12	24.81	33	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	20.3	20.13	23.23	24.92	33	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Left	18.61	17.97	21.31	23	33	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Right	18.49	17.98	21.25	22.94	33	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	18.69	18.08	21.41	23.1	33	PASS
N38	30	15	DFT-BPSK	H	Inner_1RB_Left	22.5	22.41	25.47	27.16	33	PASS
N38	30	15	DFT-BPSK	H	Inner_1RB_Right	22.82	22.71	25.78	27.47	33	PASS
N38	30	15	DFT-BPSK	H	Outer_Full	21.7	21.6	24.66	26.35	33	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Left	21.55	21.33	24.45	26.14	33	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Right	21.83	21.67	24.76	26.45	33	PASS
N38	30	15	DFT-16QAM	H	Outer_Full	20.71	20.58	23.66	25.35	33	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Left	19.93	19.8	22.88	24.57	33	PASS



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N38	30	15	DFT-64QAM	H	Inner_1RB_Right	20.21	20.1	23.17	24.86	33	PASS
N38	30	15	DFT-64QAM	H	Outer_Full	20.21	20.06	23.15	24.84	33	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Left	18.48	17.9	21.21	22.9	33	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Right	18.43	18.12	21.29	22.98	33	PASS
N38	30	15	DFT-256QAM	H	Outer_Full	18.57	17.98	21.30	22.99	33	PASS
N38	30	20	DFT-BPSK	L	Inner_1RB_Left	22.77	22.48	25.64	27.33	33	PASS
N38	30	20	DFT-BPSK	L	Inner_1RB_Right	22.87	22.7	25.8	27.49	33	PASS
N38	30	20	DFT-BPSK	L	Outer_Full	21.85	21.67	24.77	26.46	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	21.61	21.53	24.58	26.27	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Right	21.8	21.67	24.75	26.44	33	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	20.82	20.64	23.74	25.43	33	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Left	20.09	19.93	23.02	24.71	33	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Right	20.38	20.14	23.27	24.96	33	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	20.35	20.1	23.24	24.93	33	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Left	18.55	18.03	21.31	23	33	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Right	18.64	18.2	21.44	23.13	33	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	18.73	18.05	21.41	23.1	33	PASS
N38	30	20	DFT-BPSK	M	Inner_1RB_Left	22.86	22.6	25.74	27.43	33	PASS
N38	30	20	DFT-BPSK	M	Inner_1RB_Right	22.7	22.58	25.65	27.34	33	PASS
N38	30	20	DFT-BPSK	M	Outer_Full	21.76	21.55	24.67	26.36	33	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Left	21.82	21.53	24.69	26.38	33	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Right	21.63	21.63	24.64	26.33	33	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	20.74	20.56	23.66	25.35	33	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Left	20.31	20.06	23.20	24.89	33	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Right	20.14	20.23	23.20	24.89	33	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	20.25	20.16	23.22	24.91	33	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Left	18.62	17.88	21.28	22.97	33	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Right	18.36	18.03	21.21	22.9	33	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	18.6	18.04	21.34	23.03	33	PASS
N38	30	20	DFT-BPSK	H	Inner_1RB_Left	22.65	22.46	25.57	27.26	33	PASS
N38	30	20	DFT-BPSK	H	Inner_1RB_Right	22.88	22.68	25.79	27.48	33	PASS
N38	30	20	DFT-BPSK	H	Outer_Full	21.72	21.57	24.66	26.35	33	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Left	21.67	21.45	24.57	26.26	33	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Right	21.78	21.61	24.71	26.4	33	PASS
N38	30	20	DFT-16QAM	H	Outer_Full	20.68	20.55	23.63	25.32	33	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Left	20.02	19.82	22.93	24.62	33	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Right	20.15	20.06	23.12	24.81	33	PASS



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Table with 12 columns: Test ID, Frequency, Bandwidth, Modulation, Coding Rate, Test Method, Mean, Min, Max, Std Dev, Pass/Fail. Contains 48 rows of test results for various modulation schemes like DFT-64QAM, DFT-256QAM, DFT-BPSK, and DFT-16QAM.



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N38	30	40	DFT-256QAM	H	Inner_1RB_Left	18.66	18.23	21.46	23.15	33	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Right	18.62	18.6	21.62	23.31	33	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	18.58	18.11	21.36	23.05	33	PASS



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Member of the SGS Group (SGS SA)

## Peak-to-Average Ratio for SA

## Peak-to-Average Ratio(PAPR)

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N38	30	40	DFT-256QAM	L	Outer_Full	100%	0.00	9.92	≤13	PASS
N38	30	40	CP-256QAM	L	Outer_Full	100%	0.00	10.05	≤13	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	100%	0.00	9.37	≤13	PASS
N38	30	40	CP-256QAM	M	Outer_Full	100%	0.00	9.57	≤13	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	100%	0.00	9.78	≤13	PASS
N38	30	40	CP-256QAM	H	Outer_Full	100%	0.00	9.33	≤13	PASS



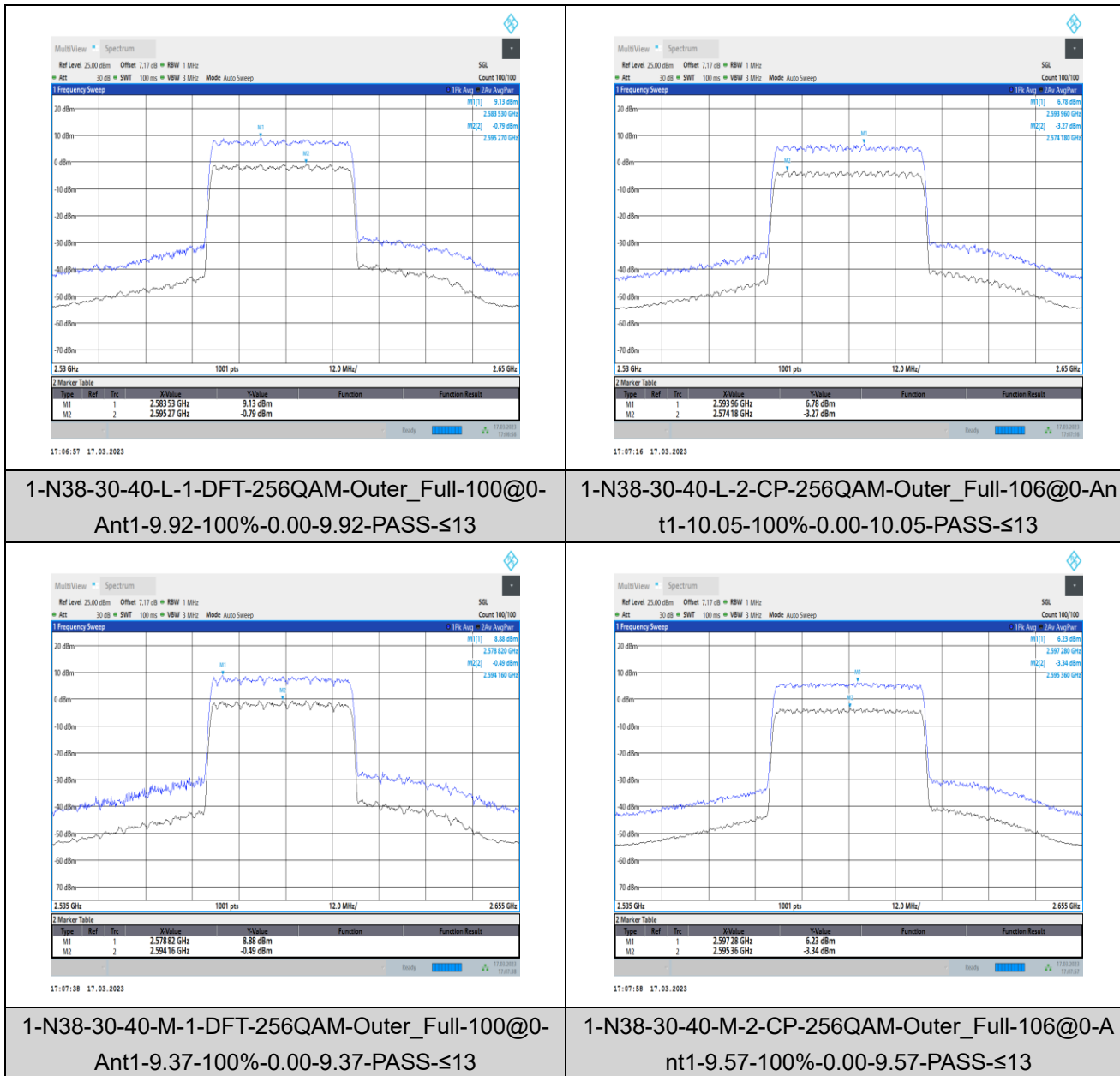
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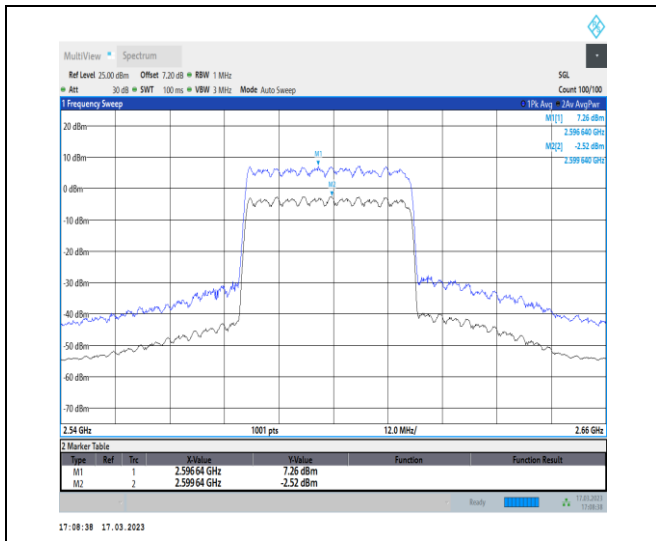
Test Graphs



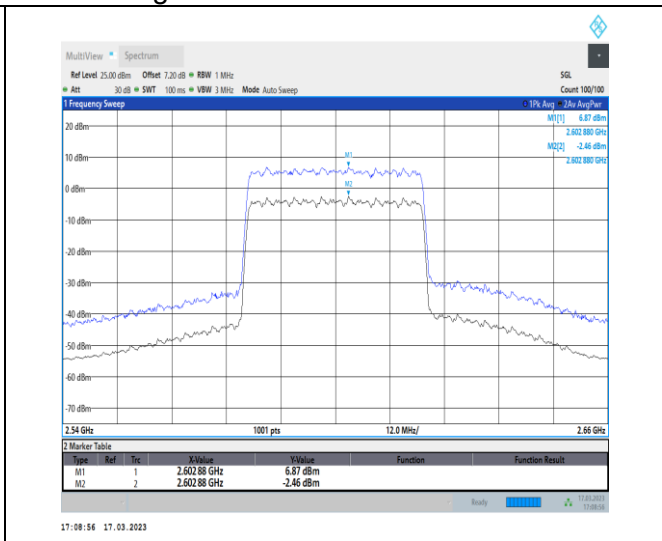
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1-N38-30-40-H-1-DFT-256QAM-Outer\_Full-100@0-Ant1-9.78-100%-0.00-9.78-PASS-≤13



1-N38-30-40-H-2-CP-256QAM-Outer\_Full-106@0-Ant1-9.33-100%-0.00-9.33-PASS-≤13



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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	8.627	9.240	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	8.556	9.240	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	8.562	9.080	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	8.585	9.060	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	8.513	8.960	PASS
N38	30	10	CP-QPSK	L	Outer_Full	8.569	9.080	PASS
N38	30	10	CP-16QAM	L	Outer_Full	8.594	9.220	PASS
N38	30	10	CP-64QAM	L	Outer_Full	8.557	9.260	PASS
N38	30	10	CP-256QAM	L	Outer_Full	8.564	9.220	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	8.577	9.080	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	8.574	9.240	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	8.572	9.160	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	8.545	9.160	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	8.582	9.300	PASS
N38	30	10	CP-QPSK	M	Outer_Full	8.588	9.120	PASS
N38	30	10	CP-16QAM	M	Outer_Full	8.586	9.240	PASS
N38	30	10	CP-64QAM	M	Outer_Full	8.581	9.040	PASS
N38	30	10	CP-256QAM	M	Outer_Full	8.588	9.180	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	8.559	9.220	PASS
N38	30	10	DFT-PI2BPSK	H	Outer_Full	8.573	9.000	PASS
N38	30	10	DFT-16QAM	H	Outer_Full	8.584	9.080	PASS
N38	30	10	DFT-64QAM	H	Outer_Full	8.601	9.360	PASS
N38	30	10	DFT-256QAM	H	Outer_Full	8.579	9.220	PASS
N38	30	10	CP-QPSK	H	Outer_Full	8.577	9.360	PASS
N38	30	10	CP-16QAM	H	Outer_Full	8.603	9.220	PASS
N38	30	10	CP-64QAM	H	Outer_Full	8.563	9.200	PASS
N38	30	10	CP-256QAM	H	Outer_Full	8.576	9.140	PASS
N38	30	15	DFT-QPSK	L	Outer_Full	12.865	13.590	PASS
N38	30	15	DFT-PI2BPSK	L	Outer_Full	12.834	13.740	PASS
N38	30	15	DFT-16QAM	L	Outer_Full	12.835	13.770	PASS
N38	30	15	DFT-64QAM	L	Outer_Full	12.827	13.530	PASS



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N38	30	15	DFT-256QAM	L	Outer_Full	12.833	13.710	PASS
N38	30	15	CP-QPSK	L	Outer_Full	13.593	14.250	PASS
N38	30	15	CP-16QAM	L	Outer_Full	13.553	14.370	PASS
N38	30	15	CP-64QAM	L	Outer_Full	13.56	14.520	PASS
N38	30	15	CP-256QAM	L	Outer_Full	13.578	14.370	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	12.817	13.650	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	12.831	13.770	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	12.831	13.620	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	12.859	13.650	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	12.859	13.710	PASS
N38	30	15	CP-QPSK	M	Outer_Full	13.552	14.160	PASS
N38	30	15	CP-16QAM	M	Outer_Full	13.569	14.430	PASS
N38	30	15	CP-64QAM	M	Outer_Full	13.613	14.250	PASS
N38	30	15	CP-256QAM	M	Outer_Full	13.567	14.610	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	12.865	13.620	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	12.836	13.590	PASS
N38	30	15	DFT-16QAM	H	Outer_Full	12.917	13.620	PASS
N38	30	15	DFT-64QAM	H	Outer_Full	12.859	13.770	PASS
N38	30	15	DFT-256QAM	H	Outer_Full	12.854	13.710	PASS
N38	30	15	CP-QPSK	H	Outer_Full	13.561	14.250	PASS
N38	30	15	CP-16QAM	H	Outer_Full	13.566	14.430	PASS
N38	30	15	CP-64QAM	H	Outer_Full	13.518	14.220	PASS
N38	30	15	CP-256QAM	H	Outer_Full	13.613	14.430	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	17.871	18.600	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	17.846	18.640	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	17.894	18.560	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	17.784	18.880	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	17.903	18.600	PASS
N38	30	20	CP-QPSK	L	Outer_Full	18.23	19.080	PASS
N38	30	20	CP-16QAM	L	Outer_Full	18.057	18.880	PASS
N38	30	20	CP-64QAM	L	Outer_Full	18.229	19.040	PASS
N38	30	20	CP-256QAM	L	Outer_Full	18.178	19.080	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	17.772	18.640	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	17.882	18.560	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	17.8	18.560	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	17.799	18.680	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	17.803	18.600	PASS



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N38	30	20	CP-QPSK	M	Outer_Full	18.229	19.160	PASS
N38	30	20	CP-16QAM	M	Outer_Full	18.174	18.880	PASS
N38	30	20	CP-64QAM	M	Outer_Full	18.288	19.000	PASS
N38	30	20	CP-256QAM	M	Outer_Full	18.214	18.960	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	17.758	18.640	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	17.829	18.560	PASS
N38	30	20	DFT-16QAM	H	Outer_Full	17.859	18.680	PASS
N38	30	20	DFT-64QAM	H	Outer_Full	17.792	18.720	PASS
N38	30	20	DFT-256QAM	H	Outer_Full	17.783	18.560	PASS
N38	30	20	CP-QPSK	H	Outer_Full	18.194	19.040	PASS
N38	30	20	CP-16QAM	H	Outer_Full	18.135	19.080	PASS
N38	30	20	CP-64QAM	H	Outer_Full	18.248	19.120	PASS
N38	30	20	CP-256QAM	H	Outer_Full	18.184	18.920	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	35.686	37.440	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	35.731	37.200	PASS
N38	30	40	DFT-16QAM	L	Outer_Full	35.685	37.280	PASS
N38	30	40	DFT-64QAM	L	Outer_Full	35.817	37.280	PASS
N38	30	40	DFT-256QAM	L	Outer_Full	35.829	37.440	PASS
N38	30	40	CP-QPSK	L	Outer_Full	37.768	39.440	PASS
N38	30	40	CP-16QAM	L	Outer_Full	37.711	39.520	PASS
N38	30	40	CP-64QAM	L	Outer_Full	37.726	39.520	PASS
N38	30	40	CP-256QAM	L	Outer_Full	37.745	39.440	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	35.763	37.280	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	35.854	37.360	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	35.778	37.440	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	35.673	37.200	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	35.72	37.200	PASS
N38	30	40	CP-QPSK	M	Outer_Full	37.879	39.360	PASS
N38	30	40	CP-16QAM	M	Outer_Full	37.832	39.440	PASS
N38	30	40	CP-64QAM	M	Outer_Full	37.796	39.360	PASS
N38	30	40	CP-256QAM	M	Outer_Full	37.881	39.360	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	35.799	37.440	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	35.786	37.520	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	35.781	37.360	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	35.847	37.520	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	35.836	37.680	PASS
N38	30	40	CP-QPSK	H	Outer_Full	37.792	39.600	PASS



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N38	30	40	CP-16QAM	H	Outer_Full	37.792	39.440	PASS
N38	30	40	CP-64QAM	H	Outer_Full	37.943	39.680	PASS
N38	30	40	CP-256QAM	H	Outer_Full	37.801	39.600	PASS



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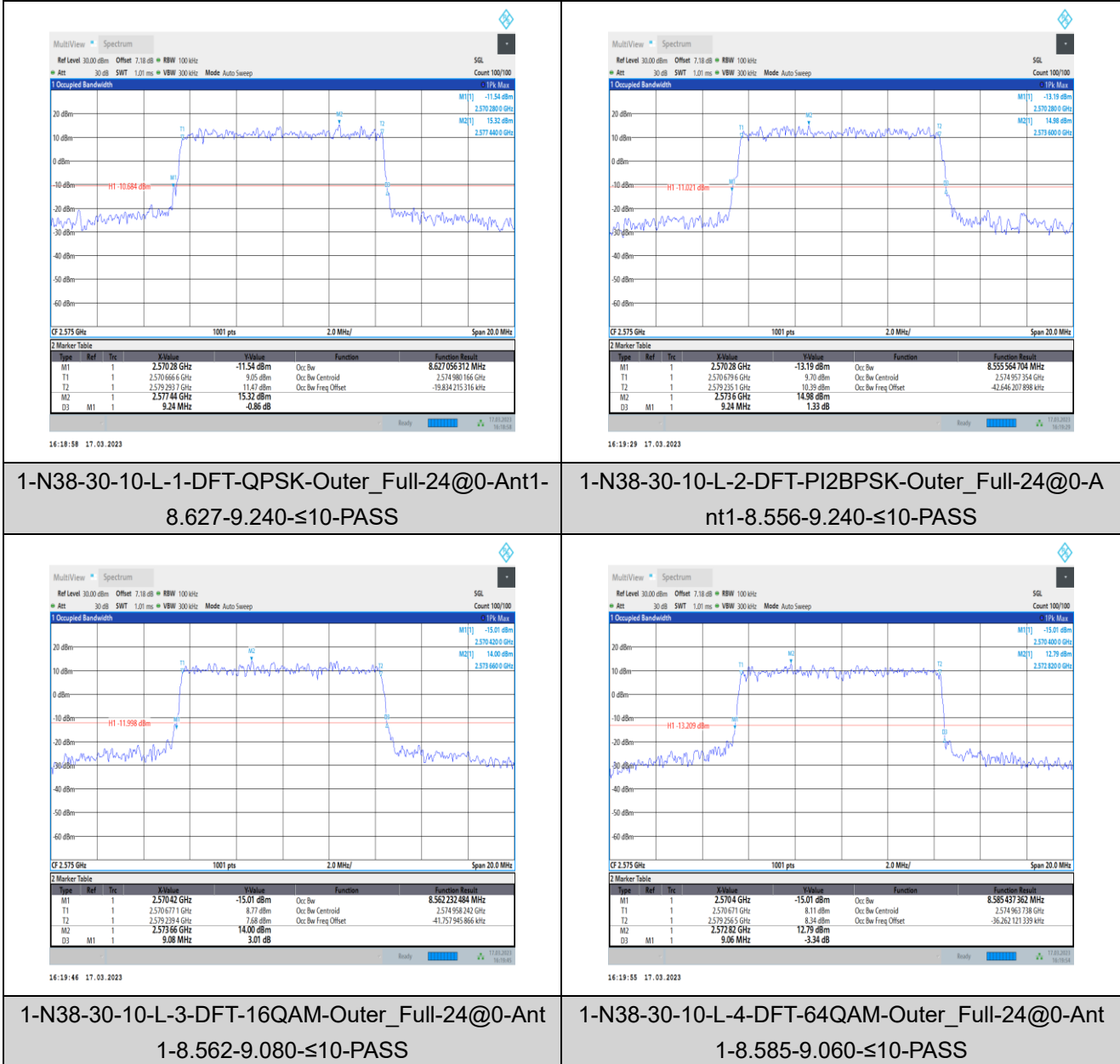
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Wireless Laboratory

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Test Graphs

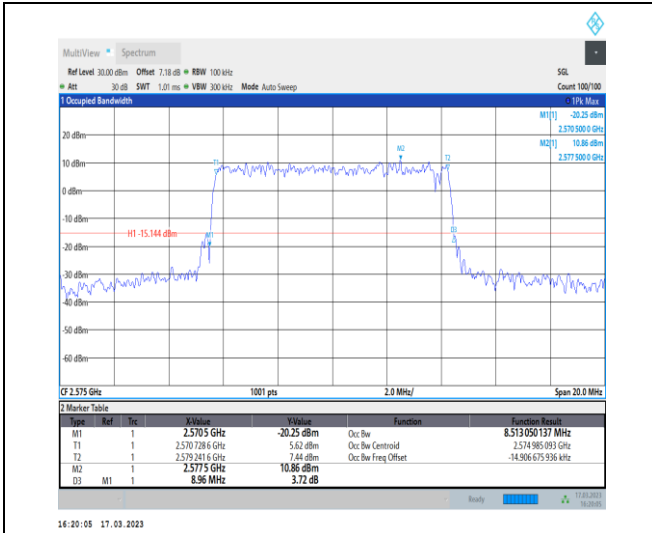


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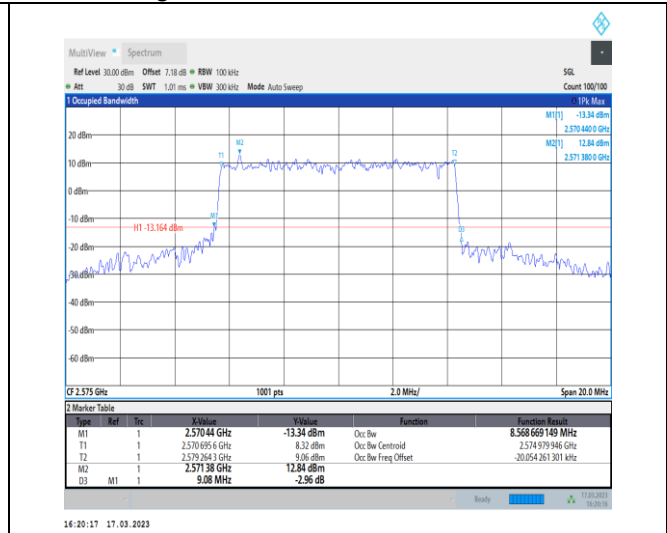
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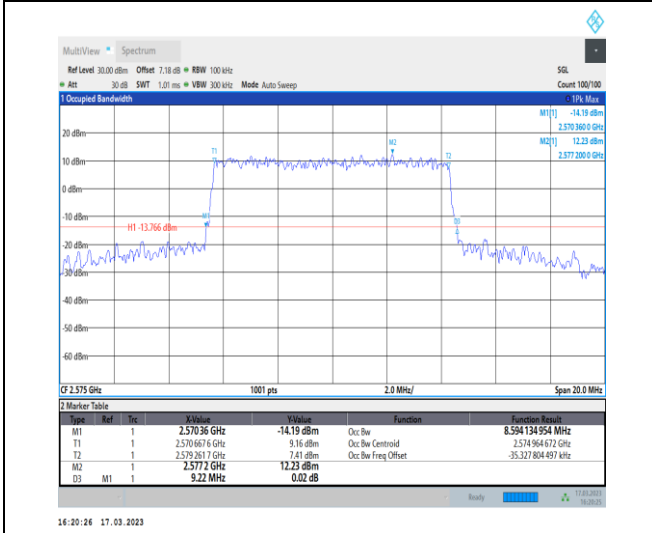
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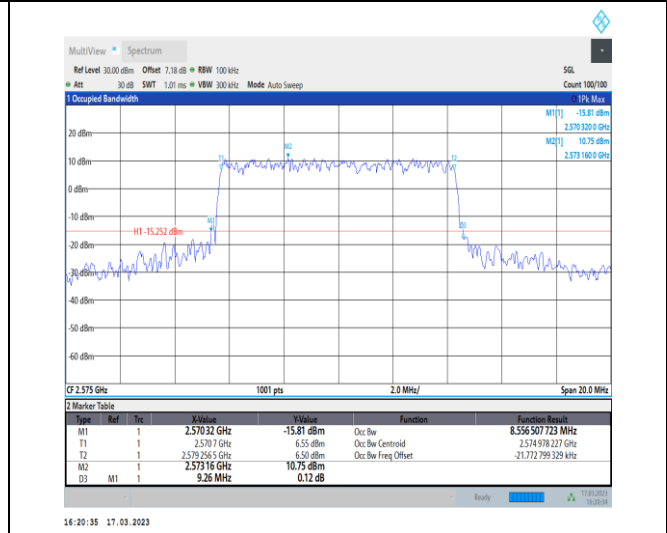
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1-N38-30-10-L-6-CP-QPSK-Outer\_Full-24@0-Ant1-8.569-9.080-≤10-PASS



1-N38-30-10-L-7-CP-16QAM-Outer\_Full-24@0-Ant1-8.594-9.220-≤10-PASS



1-N38-30-10-L-8-CP-64QAM-Outer\_Full-24@0-Ant1-8.557-9.260-≤10-PASS



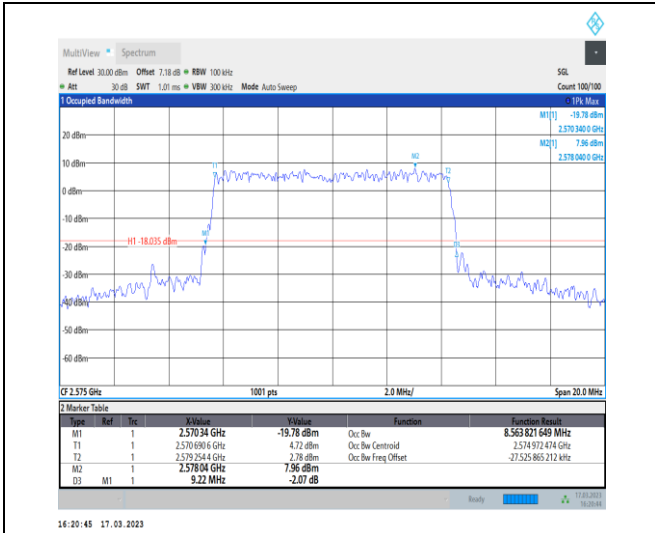
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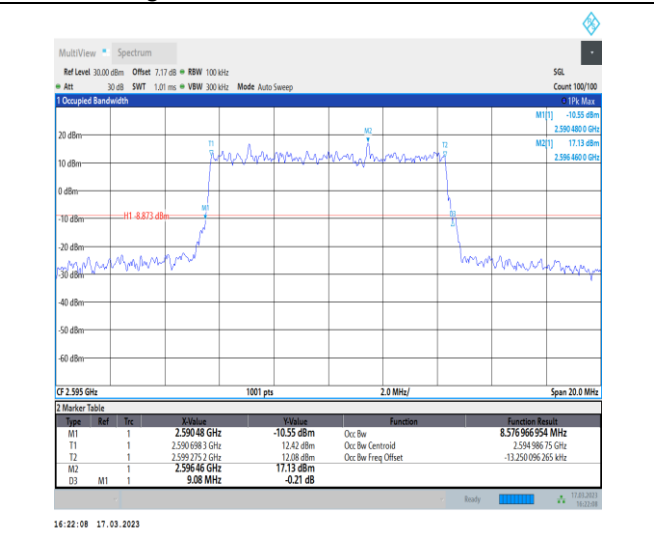
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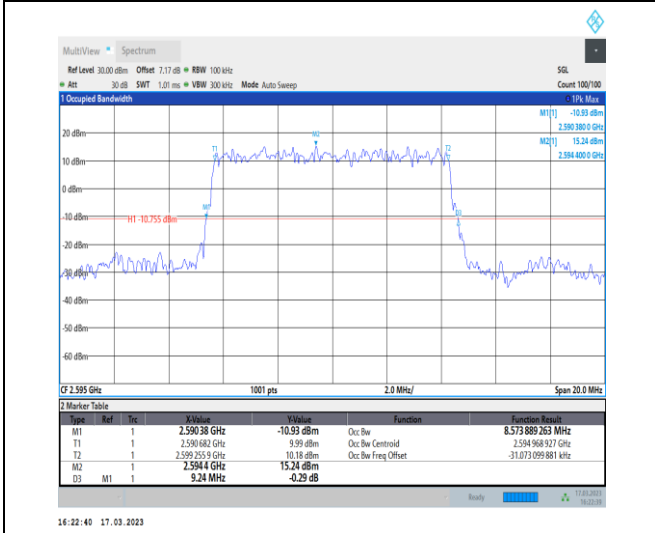
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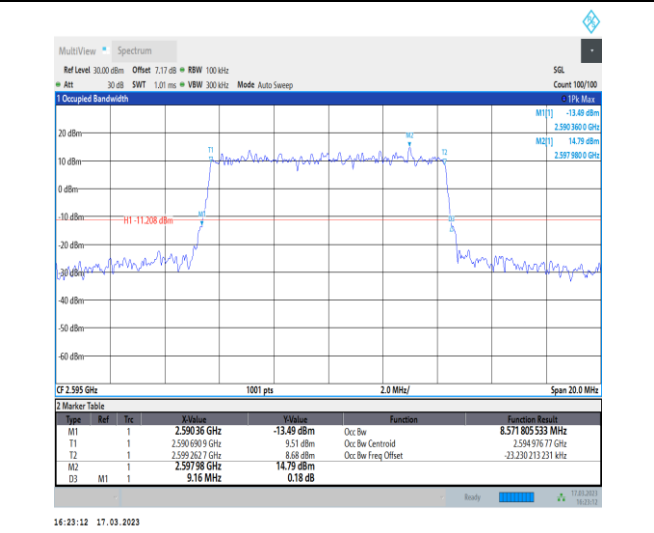
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 1-8.564-9.220≤10-PASS



1-N38-30-10-M-1-DFT-QPSK-Outer\_Full-24@0-Ant1  
 -8.577-9.080≤10-PASS



1-N38-30-10-M-2-DFT-PI2BPSK-Outer\_Full-24@0-A  
 nt1-8.574-9.240≤10-PASS



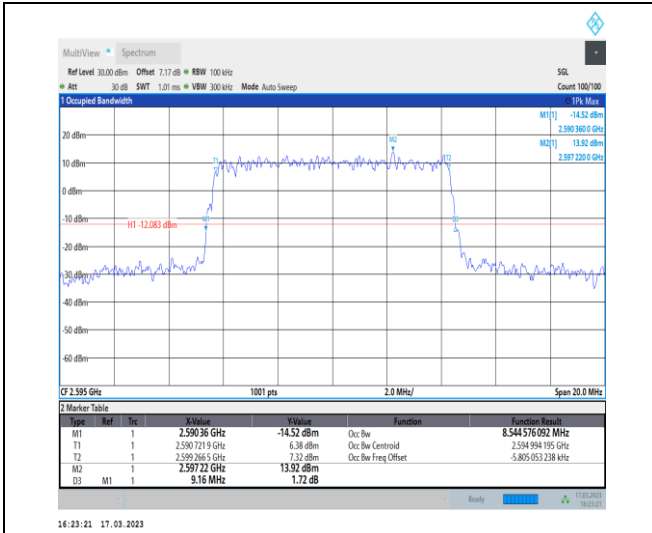
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 1-8.572-9.160≤10-PASS



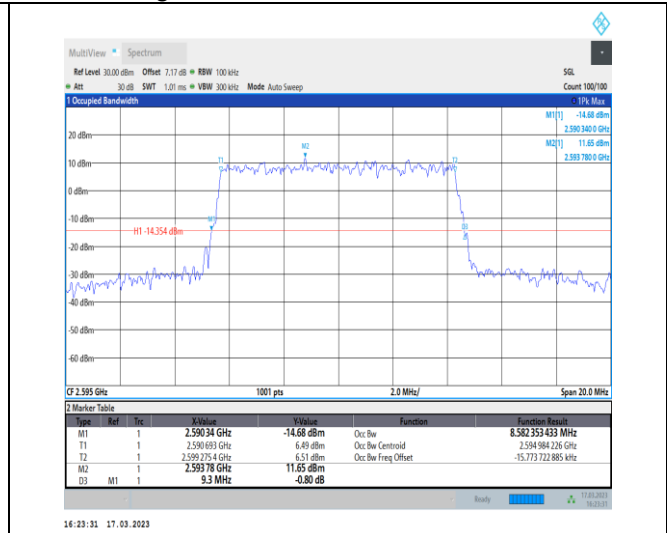
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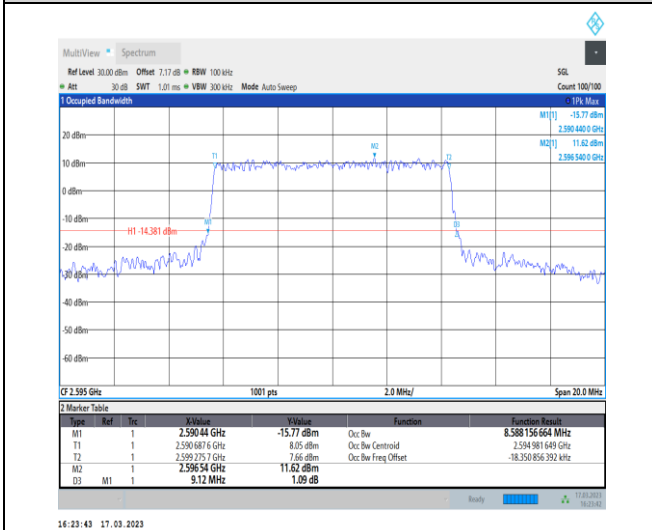
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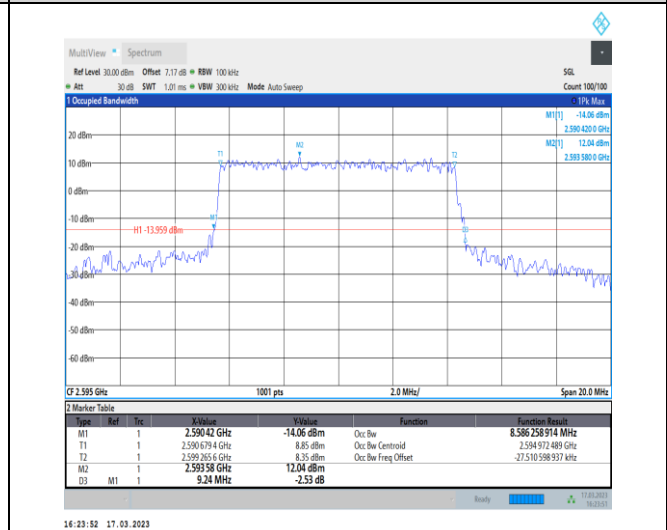
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1-8.545-9.160-≤10-PASS



1-N38-30-10-M-5-DFT-256QAM-Outer\_Full-24@0-A  
nt1-8.582-9.300-≤10-PASS



1-N38-30-10-M-6-CP-QPSK-Outer\_Full-24@0-Ant1  
8.588-9.120-≤10-PASS



1-N38-30-10-M-7-CP-16QAM-Outer\_Full-24@0-Ant1  
-8.586-9.240-≤10-PASS



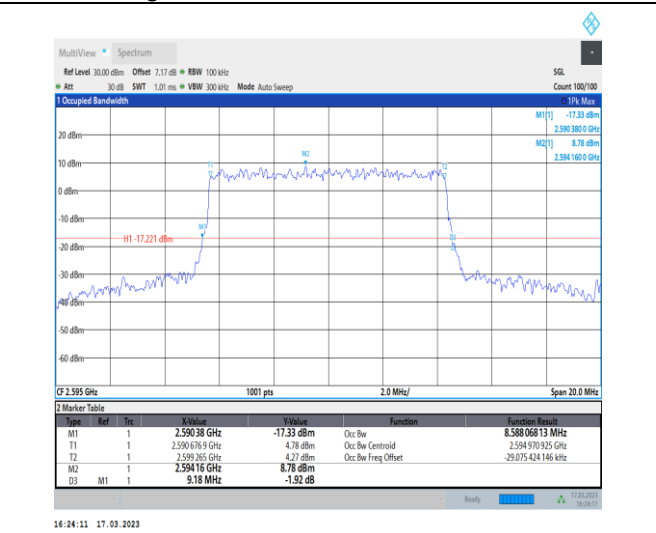
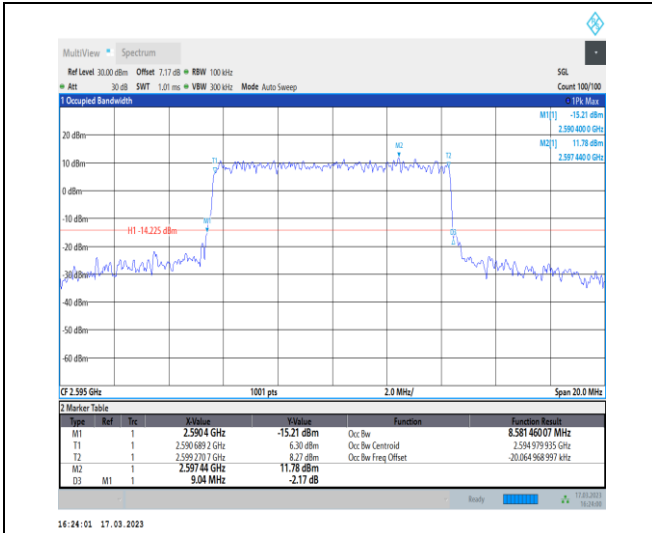
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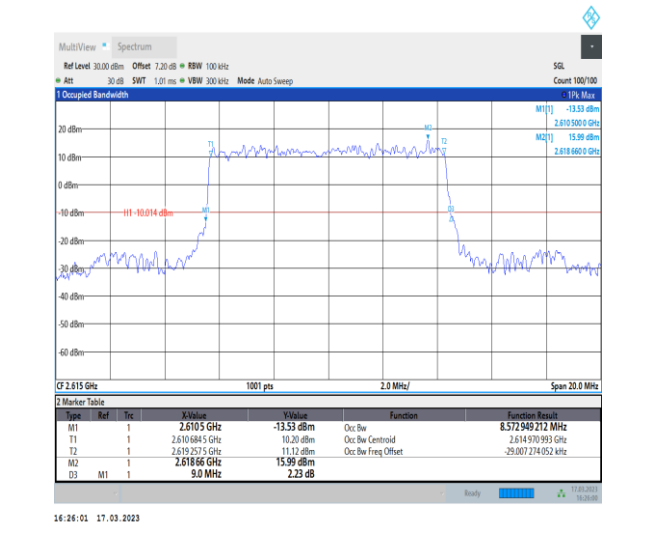
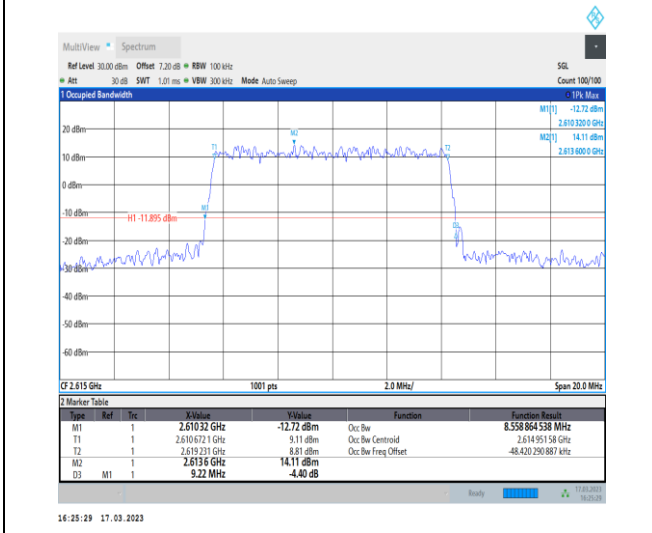
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1-N38-30-10-M-8-CP-64QAM-Outer\_Full-24@0-Ant  
1-8.581-9.040-≤10-PASS

1-N38-30-10-M-9-CP-256QAM-Outer\_Full-24@0-Ant  
1-8.588-9.180-≤10-PASS



1-N38-30-10-H-1-DFT-QPSK-Outer\_Full-24@0-Ant1  
-8.559-9.220-≤10-PASS

1-N38-30-10-H-2-DFT-PI2BPSK-Outer\_Full-24@0-A  
nt1-8.573-9.000-≤10-PASS

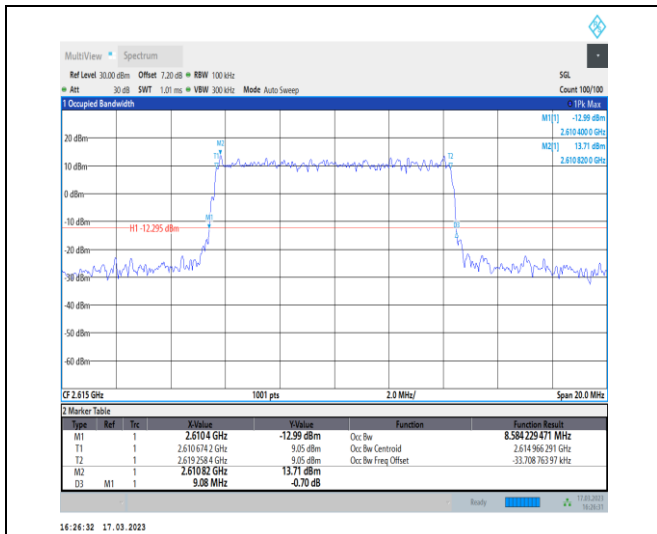


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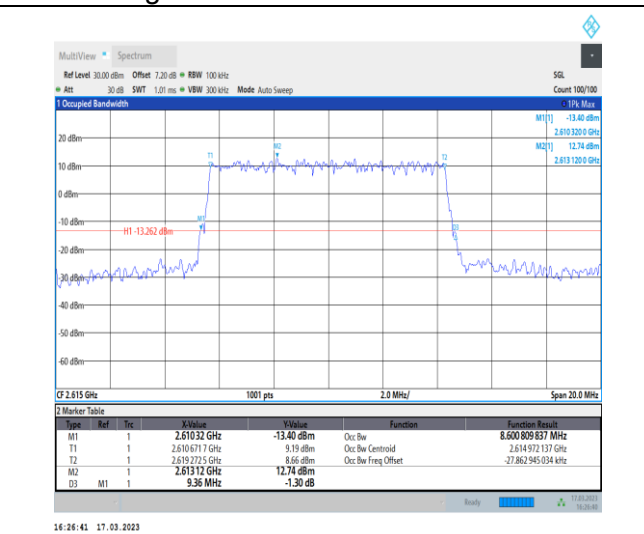
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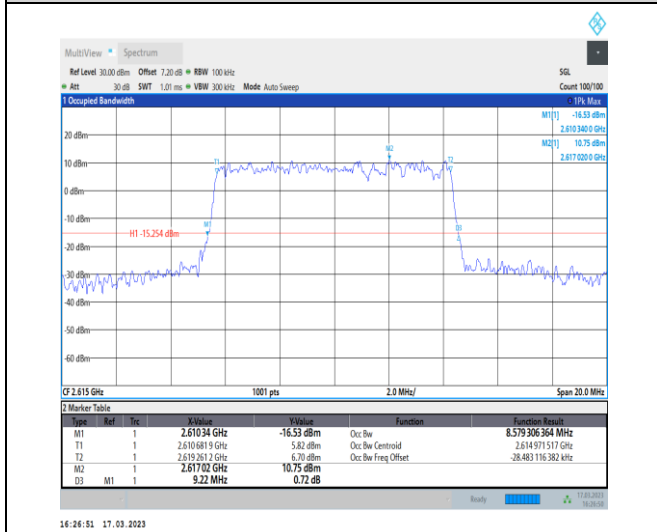




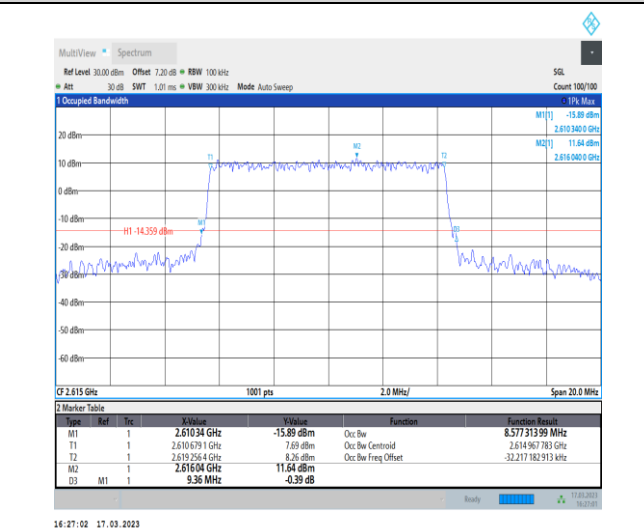
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 1-8.584-9.080-≤10-PASS



1-N38-30-10-H-4-DFT-64QAM-Outer\_Full-24@0-Ant  
 1-8.601-9.360-≤10-PASS



1-N38-30-10-H-5-DFT-256QAM-Outer\_Full-24@0-Ant  
 1-8.579-9.220-≤10-PASS



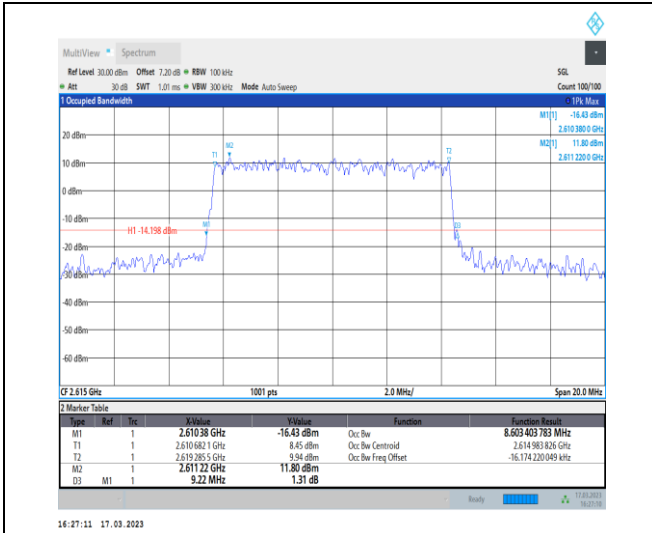
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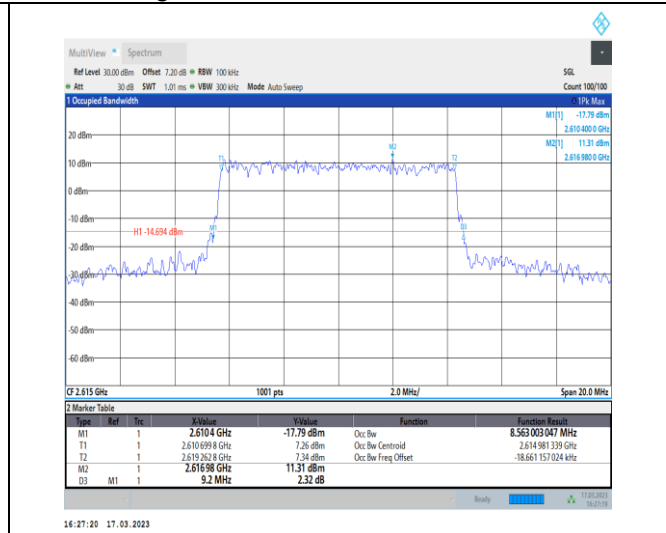
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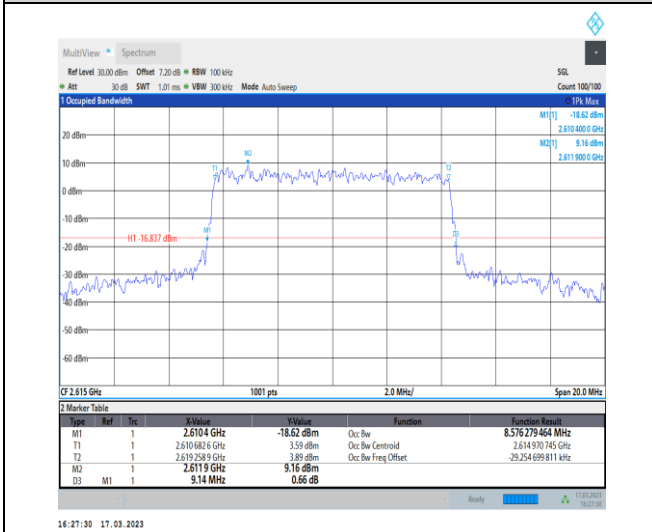
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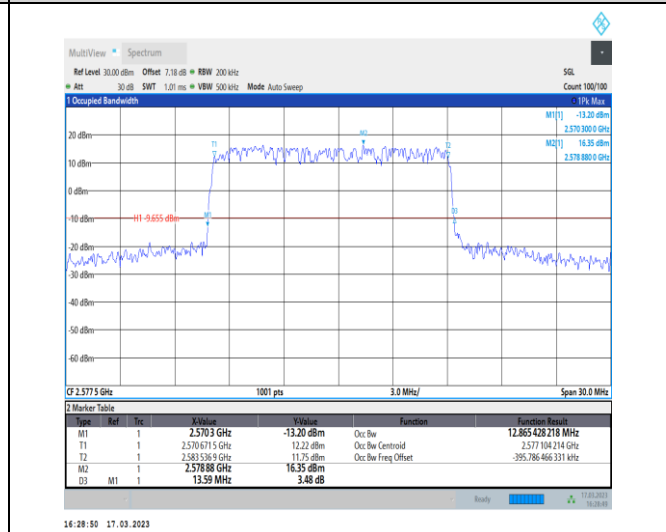
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-8.603-9.220-≤10-PASS



1-N38-30-10-H-8-CP-64QAM-Outer\_Full-24@0-Ant1  
-8.563-9.200-≤10-PASS



1-N38-30-10-H-9-CP-256QAM-Outer\_Full-24@0-Ant  
1-8.576-9.140-≤10-PASS



1-N38-30-15-L-1-DFT-QPSK-Outer\_Full-36@0-Ant1  
12.865-13.590-≤15-PASS



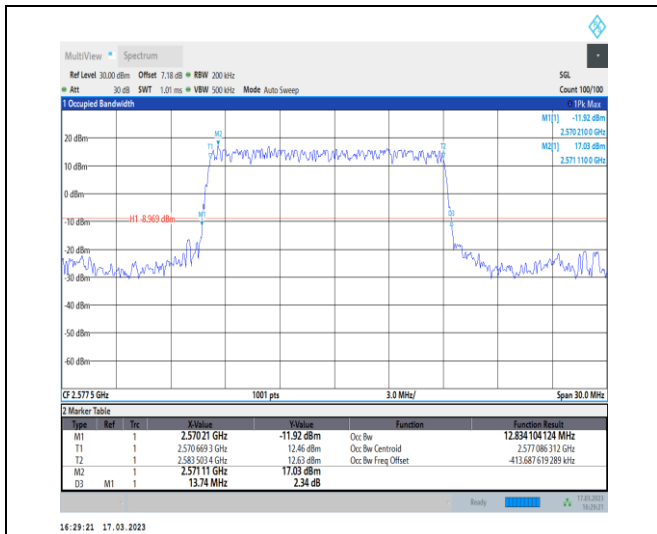
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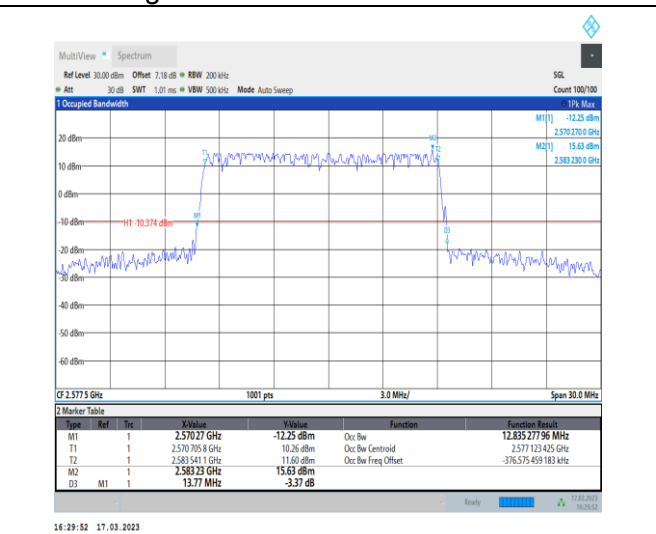
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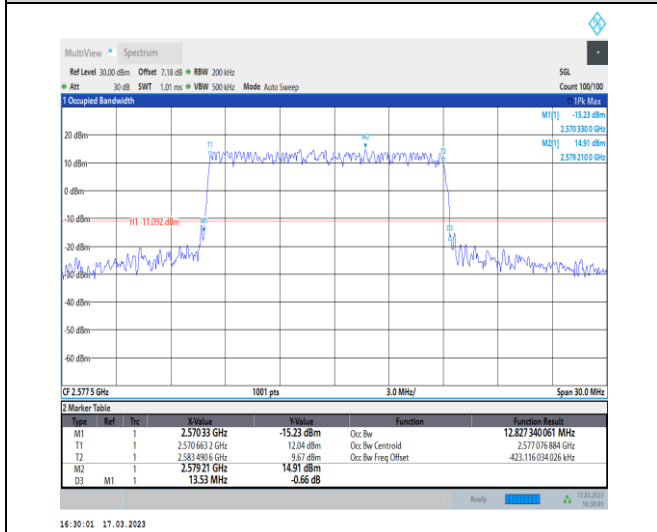
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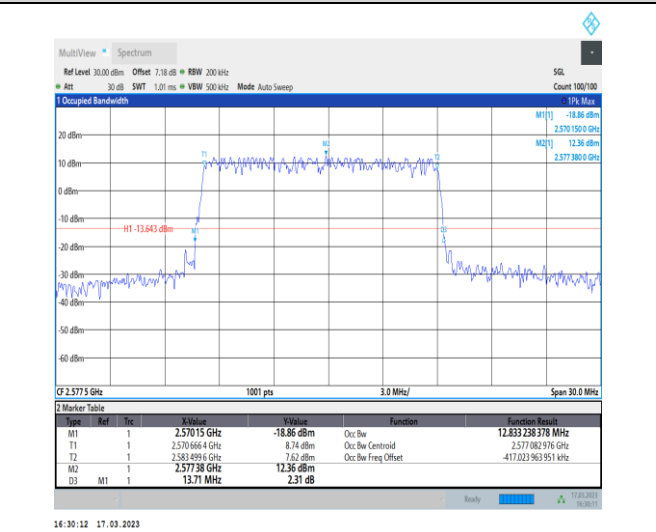
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 nt1-12.834-13.740-≤15-PASS



1-N38-30-15-L-3-DFT-16QAM-Outer\_Full-36@0-Ant  
 1-12.835-13.770-≤15-PASS



1-N38-30-15-L-4-DFT-64QAM-Outer\_Full-36@0-Ant  
 1-12.827-13.530-≤15-PASS



1-N38-30-15-L-5-DFT-256QAM-Outer\_Full-36@0-Ant  
 t1-12.833-13.710-≤15-PASS



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