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Appendix B.9

NR Band n7



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP	LIMIT	Verdict
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.64	25.44	33	PASS
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.49	25.29	33	PASS
N7	15	5	DFT-PI2BPSK	L	Outer_Full	22.92	24.72	33	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Left	23.55	25.35	33	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Right	23.79	25.59	33	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	22.93	24.73	33	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Left	22.05	23.85	33	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Right	21.99	23.79	33	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	21.91	23.71	33	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Left	21.51	23.31	33	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Right	21.5	23.3	33	PASS
N7	15	5	DFT-64QAM	L	Outer_Full	21.38	23.18	33	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Left	19.86	21.66	33	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Right	19.83	21.63	33	PASS
N7	15	5	DFT-256QAM	L	Outer_Full	19.82	21.62	33	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.24	25.04	33	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.33	25.13	33	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	22.45	24.25	33	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Left	23.36	25.16	33	PASS



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N7	15	5	DFT-QPSK	M	Inner_1RB_Right	23.27	25.07	33	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	22.45	24.25	33	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Left	21.76	23.56	33	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Right	21.61	23.41	33	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	21.45	23.25	33	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Left	21.2	23	33	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Right	21.08	22.88	33	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	21.01	22.81	33	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Left	19.89	21.69	33	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Right	19.69	21.49	33	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	19.8	21.6	33	PASS
N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.22	25.02	33	PASS
N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	22.7	24.5	33	PASS
N7	15	5	DFT-PI2BPSK	H	Outer_Full	22.27	24.07	33	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Left	22.78	24.58	33	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Right	22.93	24.73	33	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	22.13	23.93	33	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Left	21.42	23.22	33	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Right	21.27	23.07	33	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	21.22	23.02	33	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Left	20.81	22.61	33	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Right	20.67	22.47	33	PASS
N7	15	5	DFT-64QAM	H	Outer_Full	20.63	22.43	33	PASS



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N7	15	5	DFT-256QAM	H	Inner_1RB_Left	19.29	21.09	33	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Right	19.24	21.04	33	PASS
N7	15	5	DFT-256QAM	H	Outer_Full	19.28	21.08	33	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.94	25.74	33	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.7	25.5	33	PASS
N7	15	10	DFT-PI2BPSK	L	Outer_Full	22.91	24.71	33	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Left	23.92	25.72	33	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Right	23.77	25.57	33	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	22.94	24.74	33	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Left	22.1	23.9	33	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Right	21.99	23.79	33	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	22.02	23.82	33	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Left	21.52	23.32	33	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Right	21.44	23.24	33	PASS
N7	15	10	DFT-64QAM	L	Outer_Full	21.39	23.19	33	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Left	19.96	21.76	33	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Right	19.87	21.67	33	PASS
N7	15	10	DFT-256QAM	L	Outer_Full	20.07	21.87	33	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.41	25.21	33	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.03	24.83	33	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	22.37	24.17	33	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Left	23.29	25.09	33	PASS



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N7	15	10	DFT-QPSK	M	Inner_1RB_Right	22.96	24.76	33	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	22.36	24.16	33	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Left	21.66	23.46	33	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Right	21.35	23.15	33	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	21.35	23.15	33	PASS
N7	15	10	DFT-64QAM	M	Inner_1RB_Left	21.06	22.86	33	PASS
N7	15	10	DFT-64QAM	M	Inner_1RB_Right	20.84	22.64	33	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	20.91	22.71	33	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Left	19.72	21.52	33	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Right	19.49	21.29	33	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	19.75	21.55	33	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.19	24.99	33	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	22.75	24.55	33	PASS
N7	15	10	DFT-PI2BPSK	H	Outer_Full	22.19	23.99	33	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Left	23.1	24.9	33	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Right	22.72	24.52	33	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	22.12	23.92	33	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Left	21.34	23.14	33	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Right	21.2	23	33	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	21.1	22.9	33	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Left	20.81	22.61	33	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Right	20.65	22.45	33	PASS
N7	15	10	DFT-64QAM	H	Outer_Full	20.63	22.43	33	PASS



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N7	15	10	DFT-256QAM	H	Inner_1RB_Left	19.33	21.13	33	PASS
N7	15	10	DFT-256QAM	H	Inner_1RB_Right	19.26	21.06	33	PASS
N7	15	10	DFT-256QAM	H	Outer_Full	19.45	21.25	33	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.02	24.82	33	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.25	25.05	33	PASS
N7	15	15	DFT-PI2BPSK	L	Outer_Full	22.82	24.62	33	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Left	23.45	25.25	33	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Right	23.15	24.95	33	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	22.73	24.53	33	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Left	21.51	23.31	33	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Right	21.32	23.12	33	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	21.8	23.6	33	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Left	20.95	22.75	33	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Right	20.79	22.59	33	PASS
N7	15	15	DFT-64QAM	L	Outer_Full	21.24	23.04	33	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Left	19.48	21.28	33	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Right	19.2	21	33	PASS
N7	15	15	DFT-256QAM	L	Outer_Full	19.91	21.71	33	PASS
N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	22.71	24.51	33	PASS
N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	22.32	24.12	33	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	22.22	24.02	33	PASS
N7	15	15	DFT-QPSK	M	Inner_1RB_Left	22.9	24.7	33	PASS



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N7	15	15	DFT-QPSK	M	Inner_1RB_Right	22.46	24.26	33	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	22.27	24.07	33	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Left	21.01	22.81	33	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Right	20.8	22.6	33	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	21.31	23.11	33	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Left	20.45	22.25	33	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Right	20.2	22	33	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	20.81	22.61	33	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Left	18.77	20.57	33	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Right	18.49	20.29	33	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	19.39	21.19	33	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	22.66	24.46	33	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	22.56	24.36	33	PASS
N7	15	15	DFT-PI2BPSK	H	Outer_Full	22.28	24.08	33	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Left	22.9	24.7	33	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Right	22.49	24.29	33	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	22.26	24.06	33	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Left	20.96	22.76	33	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Right	20.78	22.58	33	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	21.15	22.95	33	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Left	20.11	21.91	33	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Right	20.21	22.01	33	PASS
N7	15	15	DFT-64QAM	H	Outer_Full	20.63	22.43	33	PASS



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N7	15	15	DFT-256QAM	H	Inner_1RB_Left	18.64	20.44	33	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Right	18.59	20.39	33	PASS
N7	15	15	DFT-256QAM	H	Outer_Full	19.26	21.06	33	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.36	25.16	33	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	22.67	24.47	33	PASS
N7	15	20	DFT-PI2BPSK	L	Outer_Full	22.62	24.42	33	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Left	21.79	23.59	33	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Right	22.73	24.53	33	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	22.9	24.7	33	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Left	21.14	22.94	33	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Right	20.86	22.66	33	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	21.77	23.57	33	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Left	20.52	22.32	33	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Right	20.26	22.06	33	PASS
N7	15	20	DFT-64QAM	L	Outer_Full	21.13	22.93	33	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Left	19.06	20.86	33	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Right	18.75	20.55	33	PASS
N7	15	20	DFT-256QAM	L	Outer_Full	19.96	21.76	33	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	22.51	24.31	33	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	22.32	24.12	33	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	22.41	24.21	33	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Left	22.59	24.39	33	PASS



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N7	15	20	DFT-QPSK	M	Inner_1RB_Right	22.23	24.03	33	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	22.37	24.17	33	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Left	20.81	22.61	33	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Right	20.6	22.4	33	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	21.36	23.16	33	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Left	20.18	21.98	33	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Right	20.05	21.85	33	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	20.93	22.73	33	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Left	18.86	20.66	33	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Right	18.61	20.41	33	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	19.8	21.6	33	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	22.35	24.15	33	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	22.25	24.05	33	PASS
N7	15	20	DFT-PI2BPSK	H	Outer_Full	22.03	23.83	33	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Left	21.87	23.67	33	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Right	21.88	23.68	33	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	22.16	23.96	33	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Left	20.21	22.01	33	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Right	20.53	22.33	33	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	21.31	23.11	33	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Left	19.97	21.77	33	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Right	20.13	21.93	33	PASS
N7	15	20	DFT-64QAM	H	Outer_Full	20.87	22.67	33	PASS



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N7	15	20	DFT-256QAM	H	Inner_1RB_Left	18.39	20.19	33	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Right	18.56	20.36	33	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	19.54	21.34	33	PASS



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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
N7	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.58	≤13	PASS
N7	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.65	≤13	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.80	≤13	PASS
N7	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.69	≤13	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.71	≤13	PASS
N7	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.53	≤13	PASS



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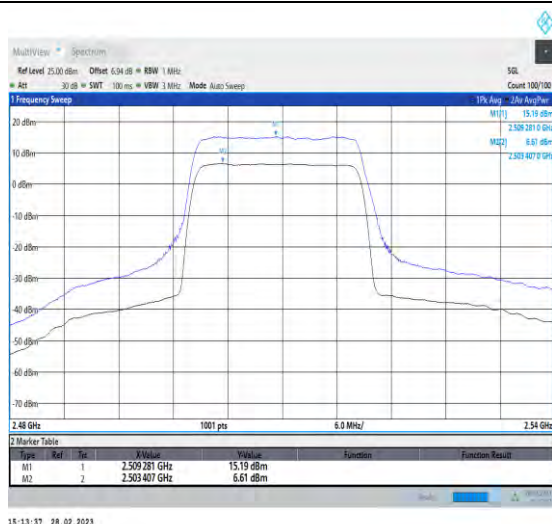
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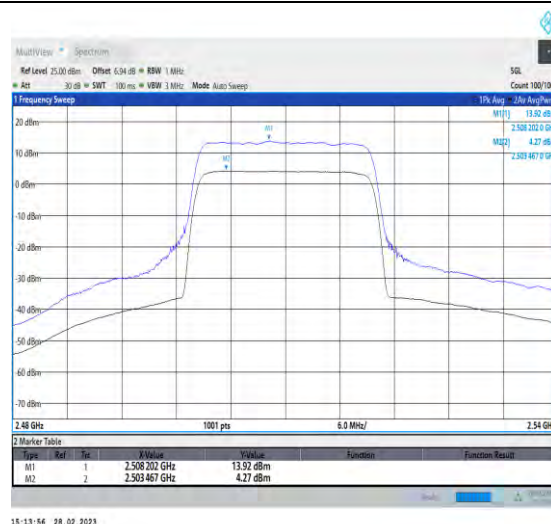
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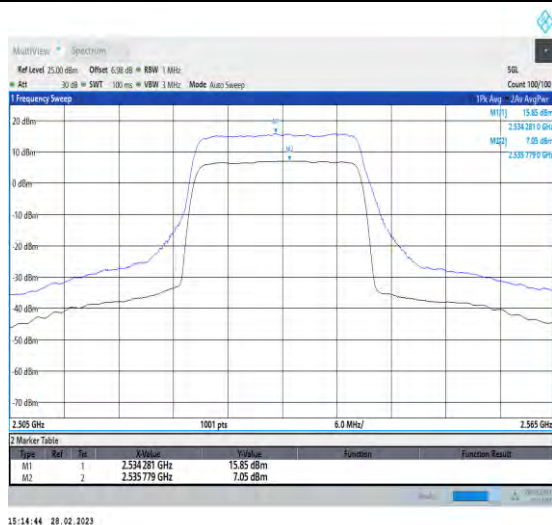
Test Graphs



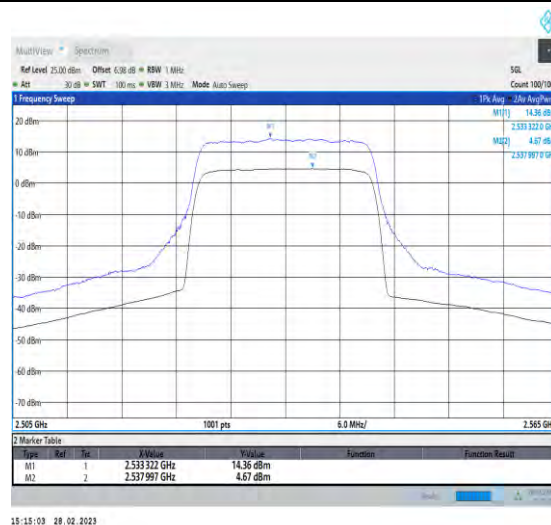
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0-Ant1-8.58-100%-0.00-8.58-PASS-≤13



1-N7-PC3-15-20-L-2-CP-256QAM-Outter_Full-106@
0-Ant1-9.65-100%-0.00-9.65-PASS-≤13



1-N7-PC3-15-20-M-1-DFT-256QAM-Outter_Full-100
@0-Ant1-8.80-100%-0.00-8.80-PASS-≤13



1-N7-PC3-15-20-M-2-CP-256QAM-Outter_Full-106
@0-Ant1-9.69-100%-0.00-9.69-PASS-≤13



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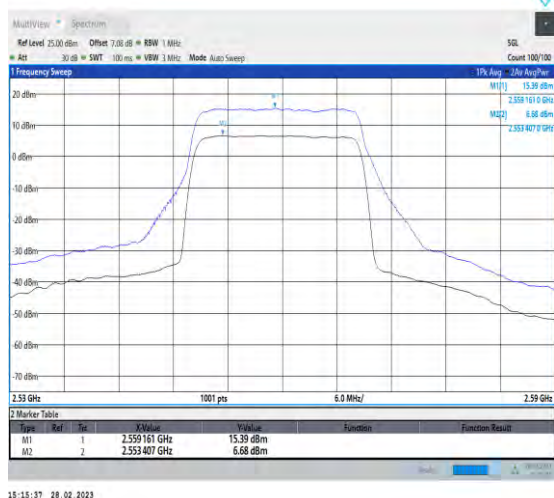
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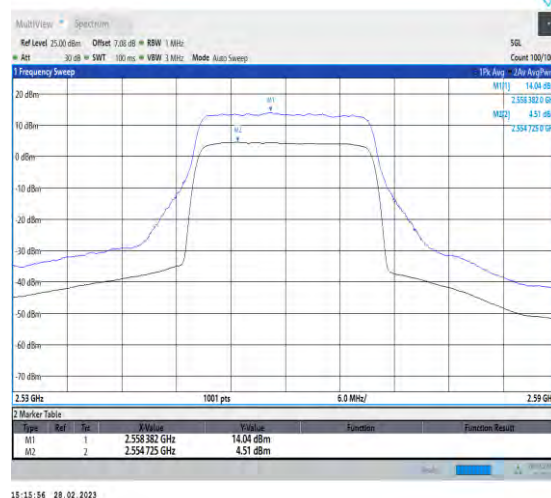
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1-N7-PC3-15-20-H-1-DFT-256QAM-Outer_Full-100
@0-Ant1-8.71-100%-0.00-8.71-PASS≤13



1-N7-PC3-15-20-H-2-CP-256QAM-Outer_Full-106@
0-Ant1-9.53-100%-0.00-9.53-PASS≤13



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Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N7	15	40	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	see graph	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	see graph	PASS
N7	15	40	DFT-64QAM	M	Outer_Full	see graph	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	see graph	PASS
N7	15	40	CP-QPSK	M	Outer_Full	see graph	PASS
N7	15	40	CP-16QAM	M	Outer_Full	see graph	PASS
N7	15	40	CP-64QAM	M	Outer_Full	see graph	PASS
N7	15	40	CP-256QAM	M	Outer_Full	see graph	PASS



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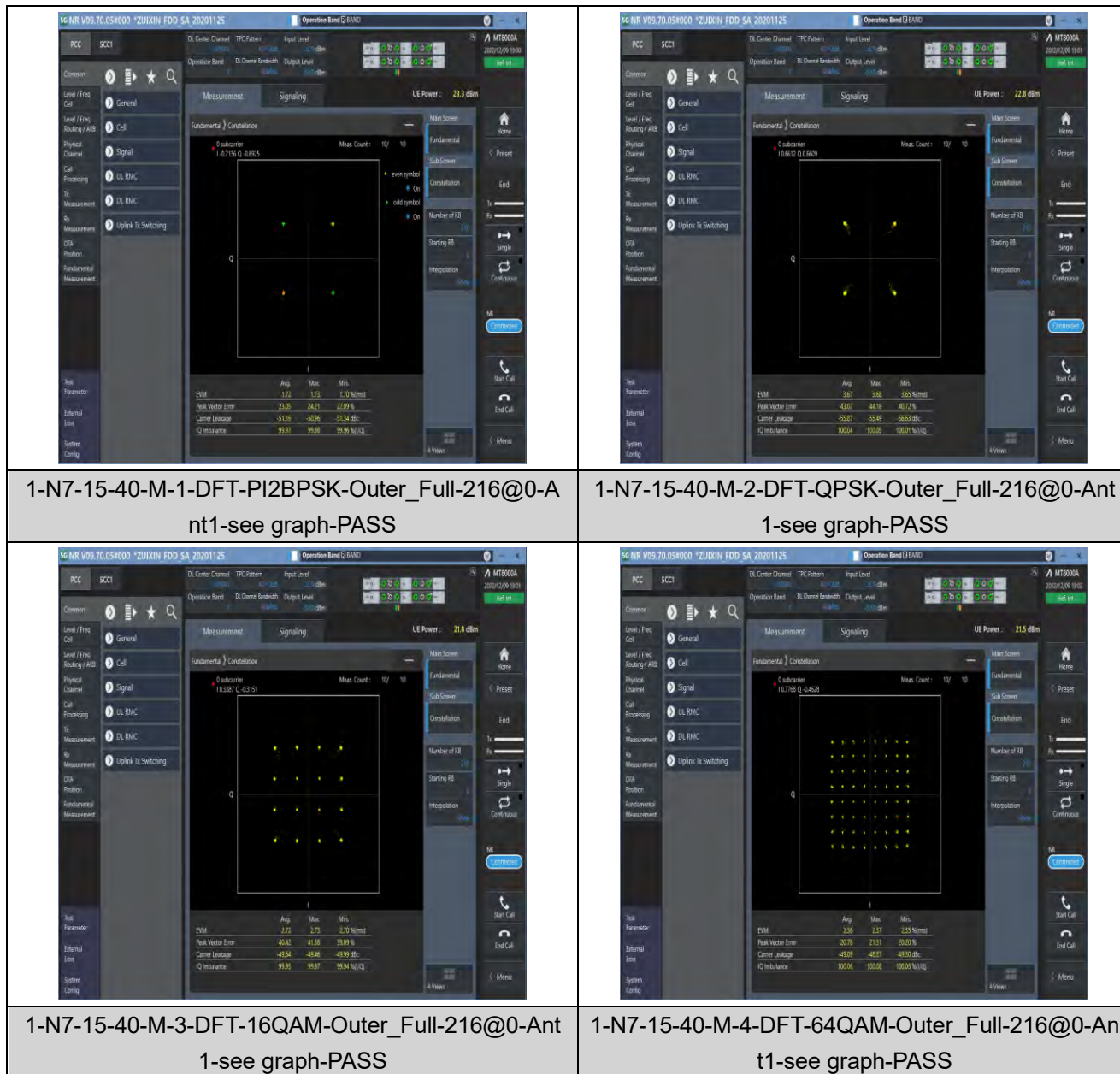
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Test Graphs



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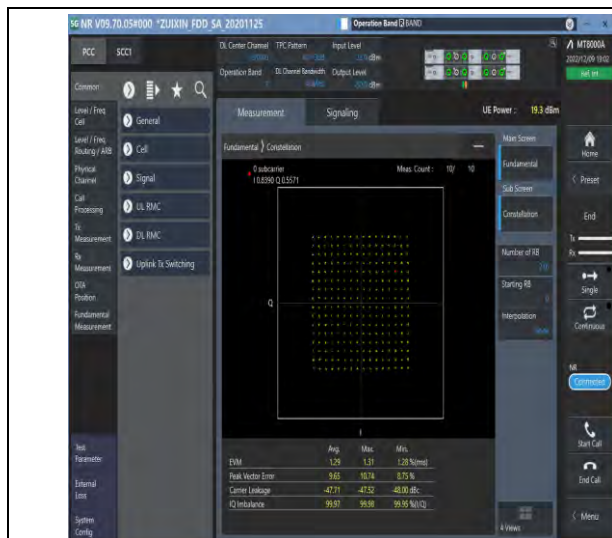
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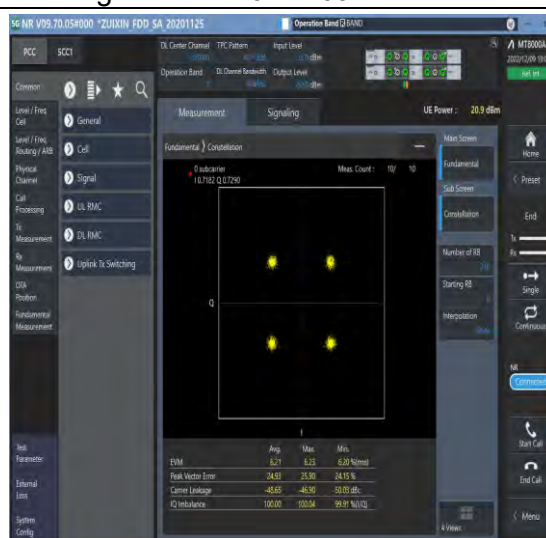
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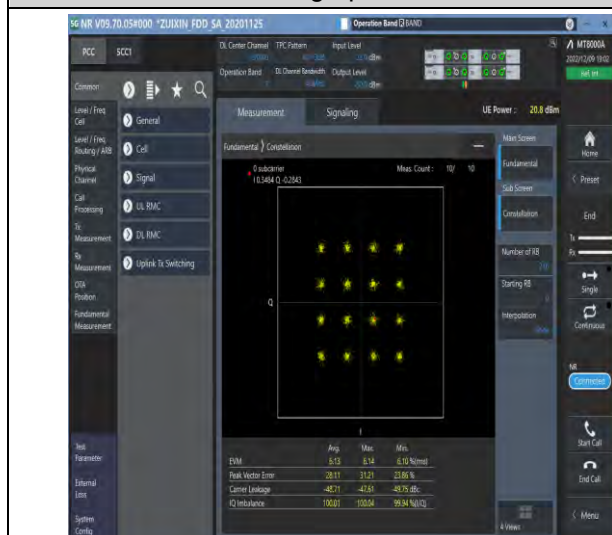
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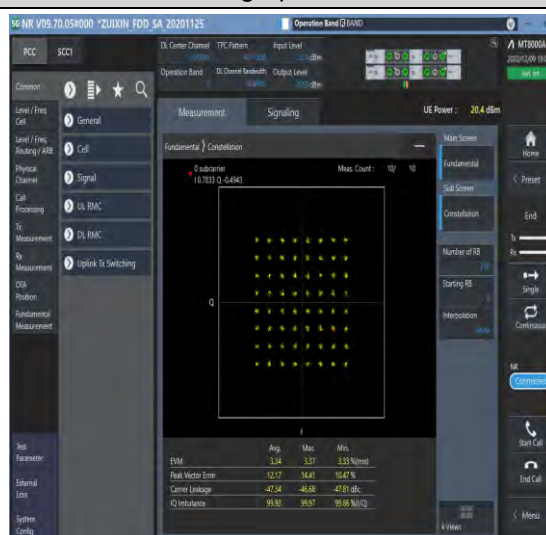
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1-N7-15-40-M-7-CP-16QAM-Outer_Full-216@0-Ant1-see graph-PASS



1-N7-15-40-M-8-CP-64QAM-Outer_Full-216@0-Ant1-see graph-PASS



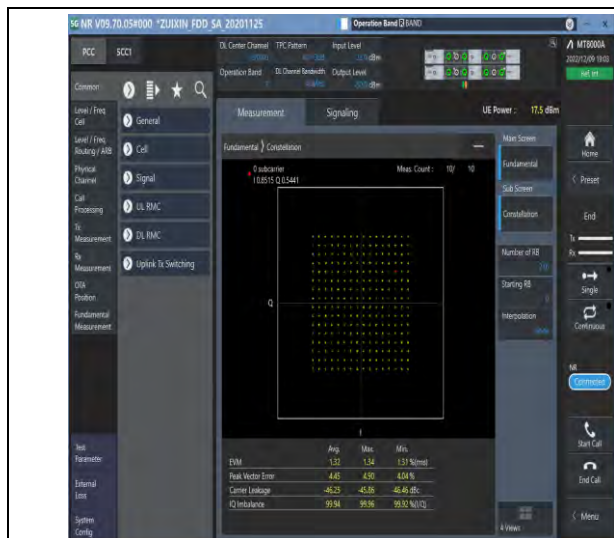
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1-N7-15-40-M-9-CP-256QAM-Outer_Full-216@0-Ant
1-see graph-PASS



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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N7	15	5	DFT-QPSK	L	Outer_Full	4.509	5.280	PASS
N7	15	5	DFT-PI2BPSK	L	Outer_Full	4.483	5.120	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	4.499	5.430	PASS
N7	15	5	DFT-64QAM	L	Outer_Full	4.493	5.180	PASS
N7	15	5	DFT-256QAM	L	Outer_Full	4.497	5.210	PASS
N7	15	5	CP-QPSK	L	Outer_Full	4.504	5.570	PASS
N7	15	5	CP-16QAM	L	Outer_Full	4.496	5.410	PASS
N7	15	5	CP-64QAM	L	Outer_Full	4.505	5.650	PASS
N7	15	5	CP-256QAM	L	Outer_Full	4.492	5.860	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	4.509	5.170	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	4.486	5.120	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	4.488	5.020	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	4.495	5.180	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	4.497	5.100	PASS
N7	15	5	CP-QPSK	M	Outer_Full	4.525	5.290	PASS
N7	15	5	CP-16QAM	M	Outer_Full	4.498	5.400	PASS
N7	15	5	CP-64QAM	M	Outer_Full	4.503	5.550	PASS
N7	15	5	CP-256QAM	M	Outer_Full	4.493	5.660	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	4.512	5.280	PASS
N7	15	5	DFT-PI2BPSK	H	Outer_Full	4.472	4.970	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	4.496	5.120	PASS
N7	15	5	DFT-64QAM	H	Outer_Full	4.494	5.110	PASS
N7	15	5	DFT-256QAM	H	Outer_Full	4.494	5.190	PASS
N7	15	5	CP-QPSK	H	Outer_Full	4.517	5.340	PASS
N7	15	5	CP-16QAM	H	Outer_Full	4.481	5.500	PASS
N7	15	5	CP-64QAM	H	Outer_Full	4.512	6.000	PASS
N7	15	5	CP-256QAM	H	Outer_Full	4.494	5.470	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	8.943	10.200	PASS
N7	15	10	DFT-PI2BPSK	L	Outer_Full	8.931	9.860	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	8.928	10.140	PASS
N7	15	10	DFT-64QAM	L	Outer_Full	8.956	10.680	PASS
N7	15	10	DFT-256QAM	L	Outer_Full	8.968	10.140	PASS



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N7	15	10	CP-QPSK	L	Outer_Full	9.317	10.280	PASS
N7	15	10	CP-16QAM	L	Outer_Full	9.32	11.320	PASS
N7	15	10	CP-64QAM	L	Outer_Full	9.313	11.000	PASS
N7	15	10	CP-256QAM	L	Outer_Full	9.33	10.340	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	8.941	10.220	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	8.921	10.060	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	8.933	10.180	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	8.939	10.740	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	8.941	10.100	PASS
N7	15	10	CP-QPSK	M	Outer_Full	9.291	10.340	PASS
N7	15	10	CP-16QAM	M	Outer_Full	9.294	10.280	PASS
N7	15	10	CP-64QAM	M	Outer_Full	9.331	10.600	PASS
N7	15	10	CP-256QAM	M	Outer_Full	9.313	10.380	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	8.994	11.460	PASS
N7	15	10	DFT-PI2BPSK	H	Outer_Full	8.934	10.640	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	8.959	11.040	PASS
N7	15	10	DFT-64QAM	H	Outer_Full	9.019	12.580	PASS
N7	15	10	DFT-256QAM	H	Outer_Full	8.95	11.700	PASS
N7	15	10	CP-QPSK	H	Outer_Full	9.34	12.740	PASS
N7	15	10	CP-16QAM	H	Outer_Full	9.353	13.080	PASS
N7	15	10	CP-64QAM	H	Outer_Full	9.355	12.220	PASS
N7	15	10	CP-256QAM	H	Outer_Full	9.343	11.820	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	13.437	16.020	PASS
N7	15	15	DFT-PI2BPSK	L	Outer_Full	13.446	16.140	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	13.453	16.440	PASS
N7	15	15	DFT-64QAM	L	Outer_Full	13.468	16.560	PASS
N7	15	15	DFT-256QAM	L	Outer_Full	13.488	17.100	PASS
N7	15	15	CP-QPSK	L	Outer_Full	14.163	17.010	PASS
N7	15	15	CP-16QAM	L	Outer_Full	14.138	17.880	PASS
N7	15	15	CP-64QAM	L	Outer_Full	14.14	17.580	PASS
N7	15	15	CP-256QAM	L	Outer_Full	14.135	17.010	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	13.425	15.210	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	13.41	14.940	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	13.409	15.720	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	13.437	15.300	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	13.46	15.450	PASS
N7	15	15	CP-QPSK	M	Outer_Full	14.137	16.290	PASS



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N7	15	15	CP-16QAM	M	Outer_Full	14.077	15.210	PASS
N7	15	15	CP-64QAM	M	Outer_Full	14.124	15.930	PASS
N7	15	15	CP-256QAM	M	Outer_Full	14.079	15.480	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	13.417	15.030	PASS
N7	15	15	DFT-PI2BPSK	H	Outer_Full	13.426	14.910	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	13.419	15.780	PASS
N7	15	15	DFT-64QAM	H	Outer_Full	13.412	14.640	PASS
N7	15	15	DFT-256QAM	H	Outer_Full	13.428	15.900	PASS
N7	15	15	CP-QPSK	H	Outer_Full	14.053	15.540	PASS
N7	15	15	CP-16QAM	H	Outer_Full	14.131	15.750	PASS
N7	15	15	CP-64QAM	H	Outer_Full	14.109	15.330	PASS
N7	15	15	CP-256QAM	H	Outer_Full	14.112	15.780	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	17.865	20.320	PASS
N7	15	20	DFT-PI2BPSK	L	Outer_Full	17.86	19.560	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	17.861	20.240	PASS
N7	15	20	DFT-64QAM	L	Outer_Full	17.889	19.840	PASS
N7	15	20	DFT-256QAM	L	Outer_Full	17.878	20.120	PASS
N7	15	20	CP-QPSK	L	Outer_Full	18.9	19.720	PASS
N7	15	20	CP-16QAM	L	Outer_Full	18.861	19.800	PASS
N7	15	20	CP-64QAM	L	Outer_Full	18.865	20.280	PASS
N7	15	20	CP-256QAM	L	Outer_Full	18.897	20.800	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	17.852	20.440	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	17.848	19.520	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	17.883	21.080	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	17.862	19.920	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	17.858	19.840	PASS
N7	15	20	CP-QPSK	M	Outer_Full	18.896	20.080	PASS
N7	15	20	CP-16QAM	M	Outer_Full	18.867	20.160	PASS
N7	15	20	CP-64QAM	M	Outer_Full	18.848	20.600	PASS
N7	15	20	CP-256QAM	M	Outer_Full	18.827	20.960	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	17.891	20.240	PASS
N7	15	20	DFT-PI2BPSK	H	Outer_Full	17.876	20.080	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	17.889	21.040	PASS
N7	15	20	DFT-64QAM	H	Outer_Full	17.871	20.560	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	17.836	19.920	PASS
N7	15	20	CP-QPSK	H	Outer_Full	18.877	21.200	PASS
N7	15	20	CP-16QAM	H	Outer_Full	18.888	20.480	PASS



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N7	15	20	CP-64QAM	H	Outer_Full	18.855	21.120	PASS
N7	15	20	CP-256QAM	H	Outer_Full	18.874	21.560	PASS



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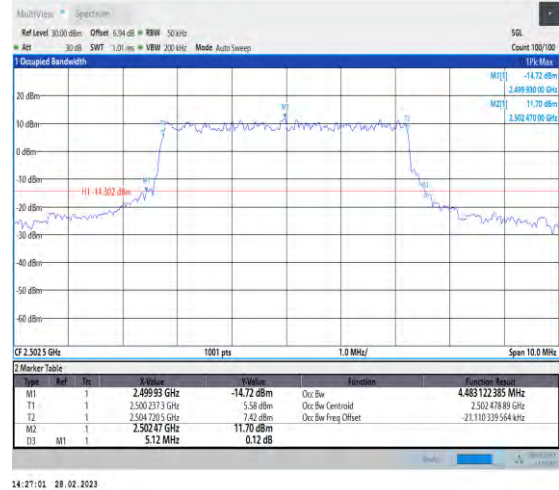
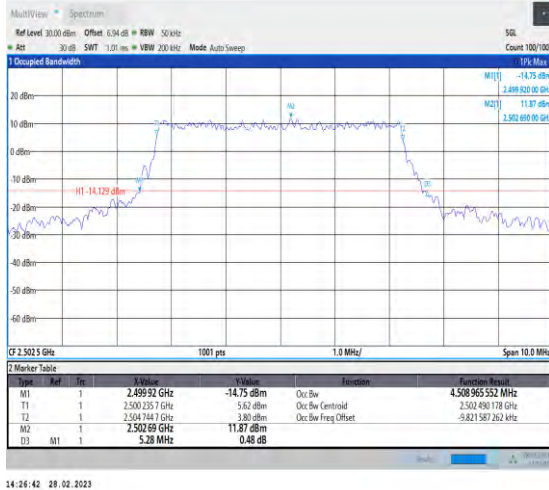
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Test Graphs



1-N7-PC3-15-5-L-1-DFT-QPSK-Outet_Full-25@0-An
t1-4.509-5.280-≤5-PASS

1-N7-PC3-15-5-L-2-DFT-P12BPSK-Outet_Full-25@0
-Ant1-4.483-5.120-≤5-PASS



1-N7-PC3-15-5-L-3-DFT-16QAM-Outet_Full-25@0-A
Ant1-4.499-5.430-≤5-PASS

1-N7-PC3-15-5-L-4-DFT-64QAM-Outet_Full-25@0-A
nt1-4.493-5.180-≤5-PASS



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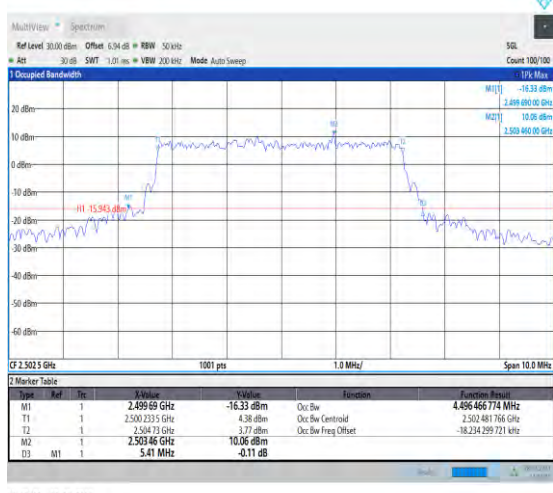
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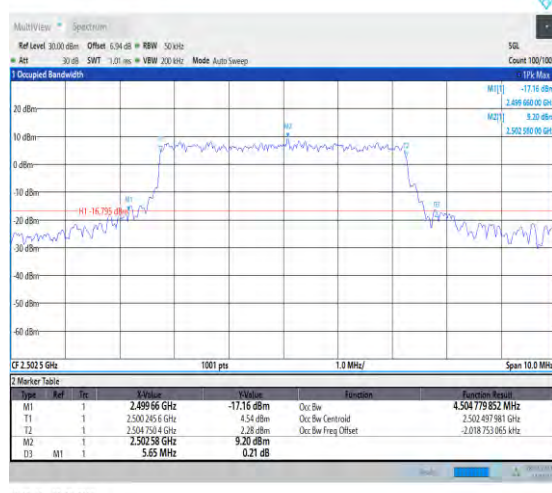
14:27:52 29.02.2023

1-N7-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant 1-4.504-5.570-≤5-PASS



14:28:02 29.02.2023

1-N7-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.496-5.410-≤5-PASS



14:28:11 29.02.2023

1-N7-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant 1-4.505-5.650-≤5-PASS



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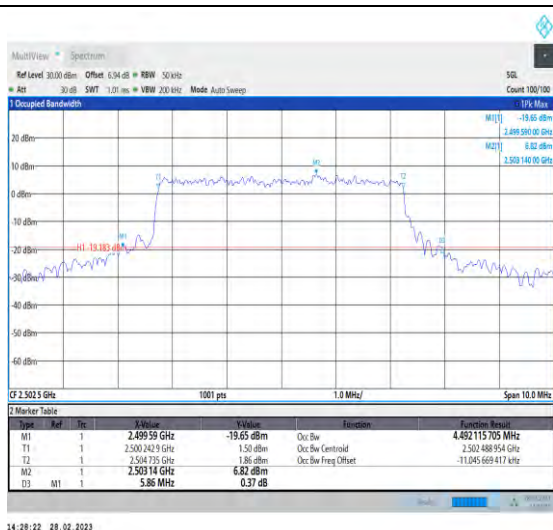
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14:29:22 20.02.2023



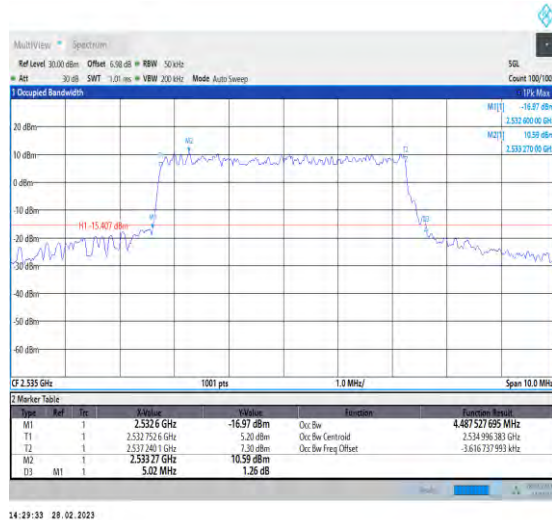
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1-N7-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.492-5.860-≤5-PASS

1-N7-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.509-5.170-≤5-PASS



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14:29:33 20.02.2023

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1-N7-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.488-5.020-≤5-PASS



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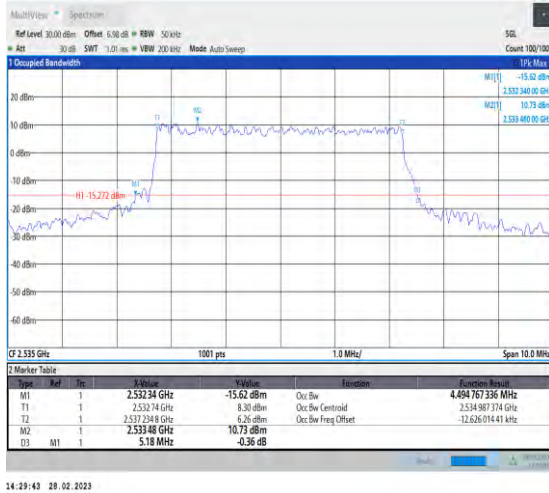
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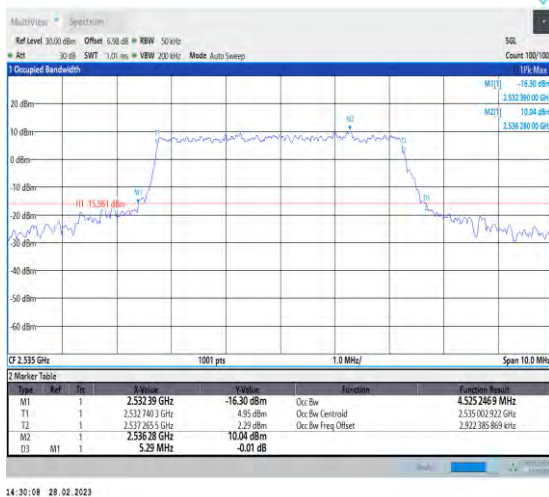
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1-N7-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.497-5.100-≤5-PASS



14:30:08 20.02.2023



14:30:18 20.02.2023

1-N7-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.525-5.290-≤5-PASS

1-N7-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.498-5.400-≤5-PASS



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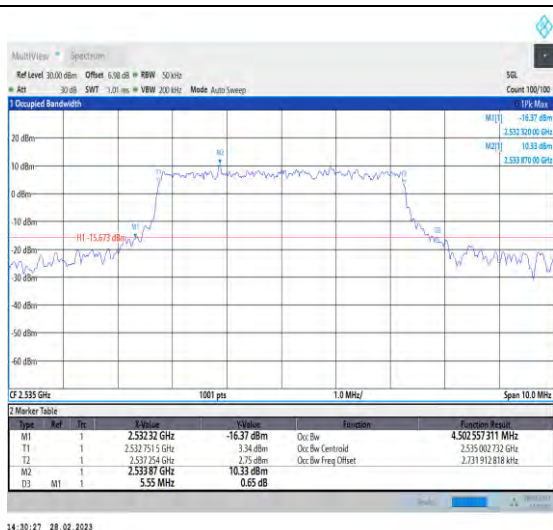
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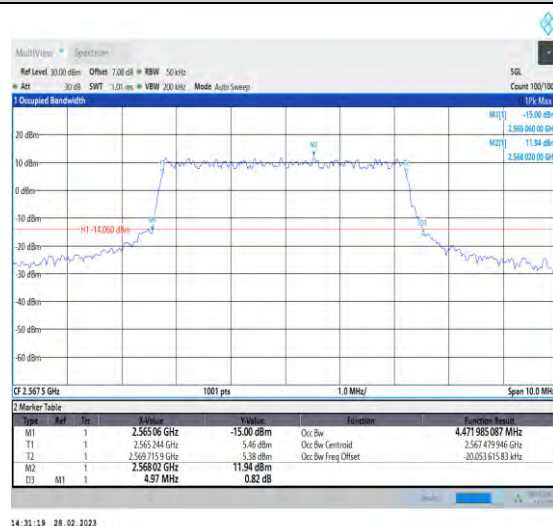
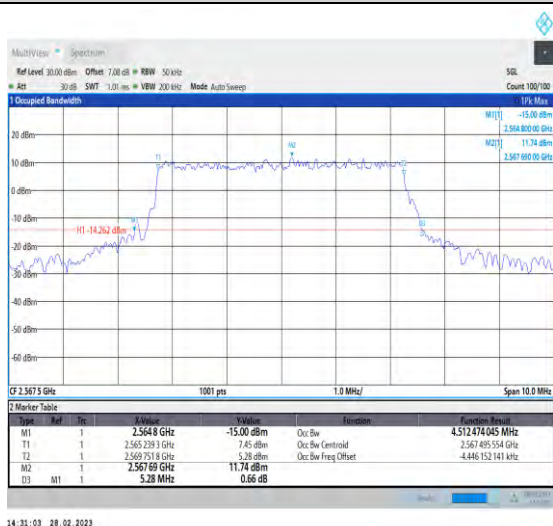
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nt1-4.503-5.550-≤5-PASS

1-N7-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-
Ant1-4.493-5.660-≤5-PASS



1-N7-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-A
nt1-4.512-5.280-≤5-PASS

1-N7-PC3-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-
-Ant1-4.472-4.970-≤5-PASS



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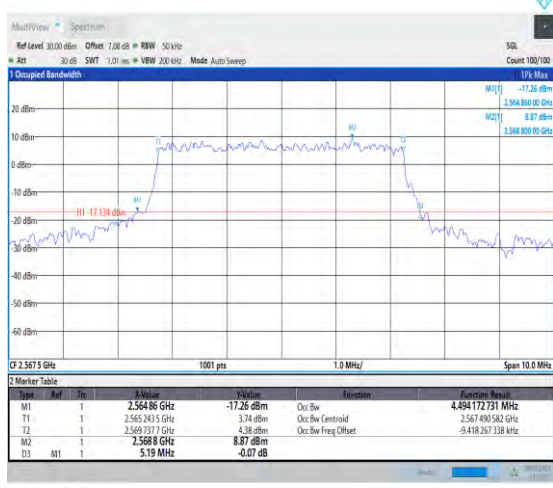
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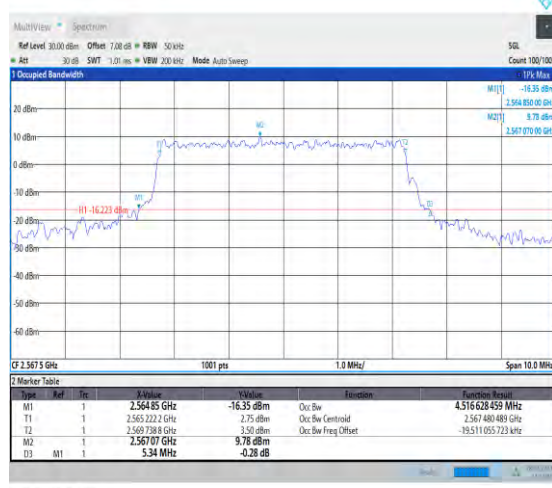
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14:32:32 20.02.2023



14:32:44 20.02.2023

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1-N7-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.517-5.340-≤5-PASS



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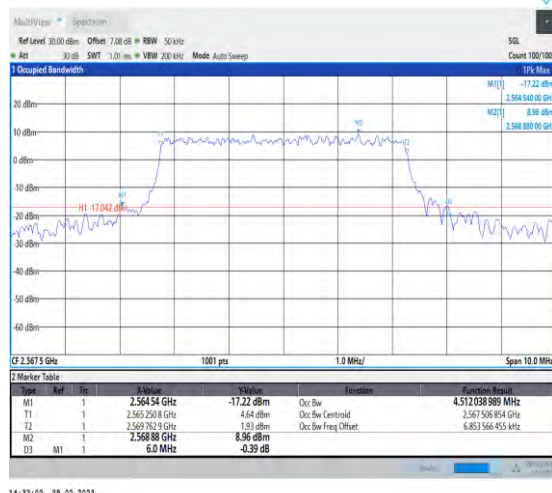
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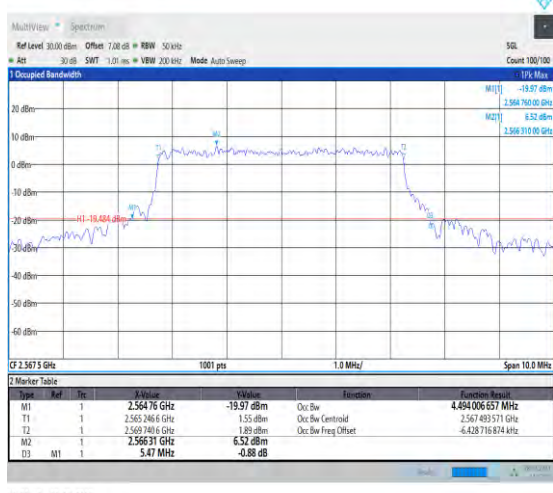
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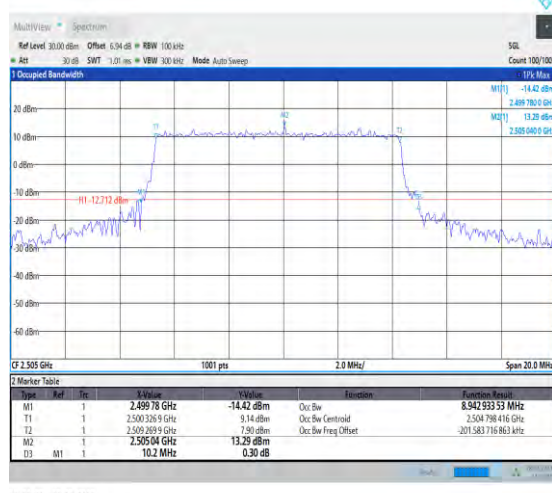
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14:33:59 28.02.2023

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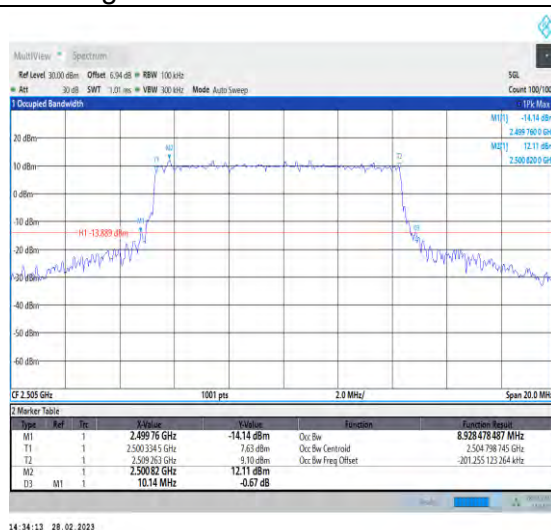
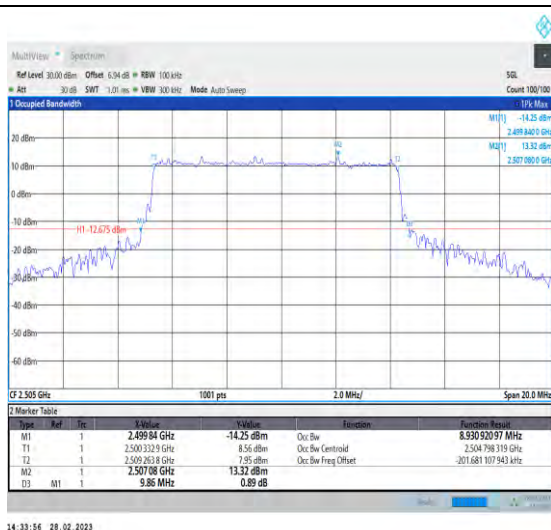
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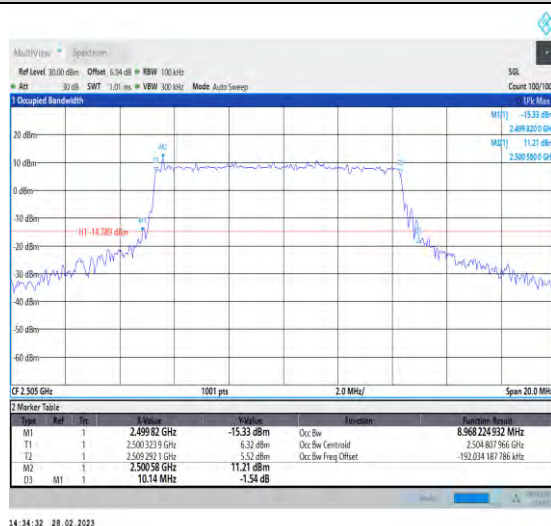
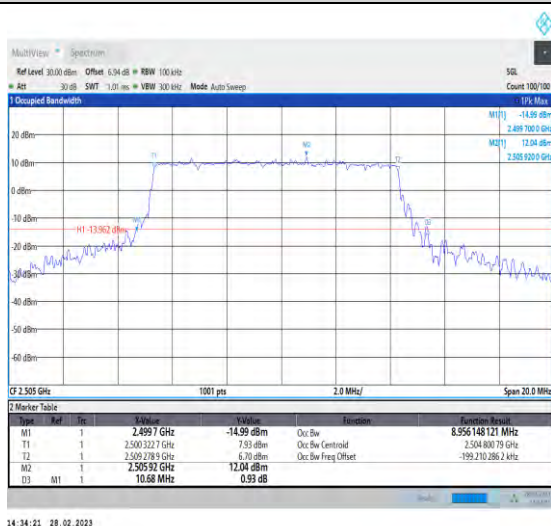
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1-N7-PC3-15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.956-10.680-≤10-PASS

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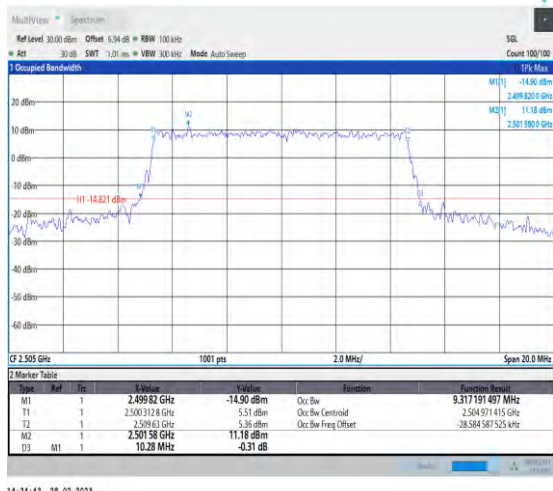
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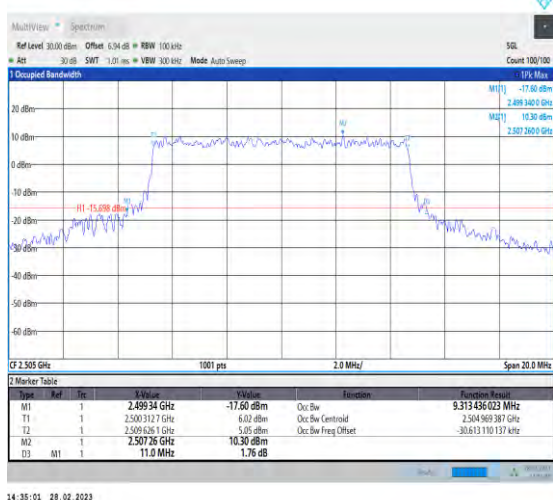
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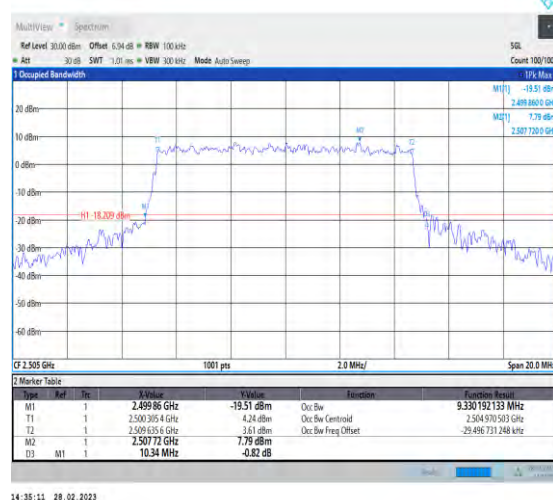
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14:35:11 29.02.2023

1-N7-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-A
Ant1-9.33-10.340-≤10-PASS



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14:35:51 20.02.2023

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1-N7-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.939-10.740-≤10-PASS



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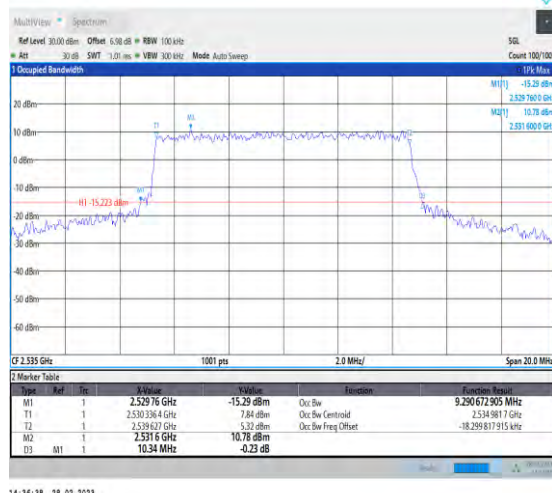
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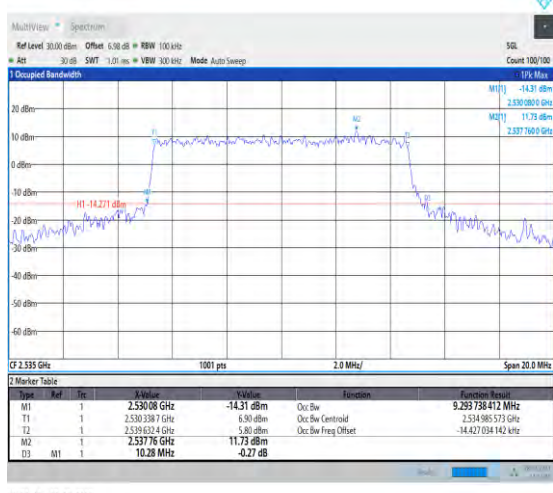
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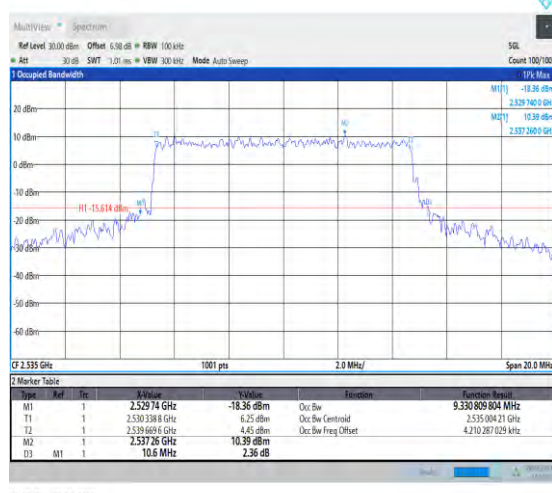
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14:36:47 28.02.2023

1-N7-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.294-10.280-≤10-PASS



14:36:56 28.02.2023

1-N7-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.331-10.600-≤10-PASS



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1-N7-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0
-Ant1-9.313-10.380-≤10-PASS

1-N7-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-
Ant1-8.994-11.460-≤10-PASS



1-N7-PC3-15-10-H-2-DFT-PI2BPSK-Outer_Full-50@
0-Ant1-8.934-10.640-≤10-PASS

1-N7-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-
Ant1-8.959-11.040-≤10-PASS



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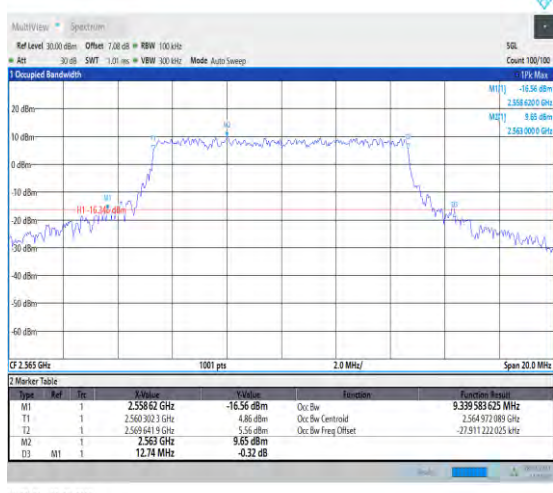
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14:39:39 28.02.2023

1-N7-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0
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14:39:50 28.02.2023

1-N7-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-A
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14:39:59 28.02.2023

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Ant1-9.353-13.080-≤10-PASS



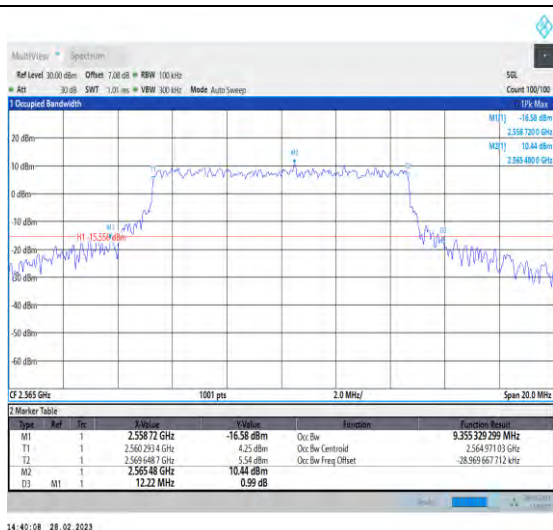
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1-N7-PC3-15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant1-9.355-12.220-≤10-PASS

1-N7-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant1-9.343-11.820-≤10-PASS



1-N7-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.437-16.020-≤15-PASS

1-N7-PC3-15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.446-16.140-≤15-PASS



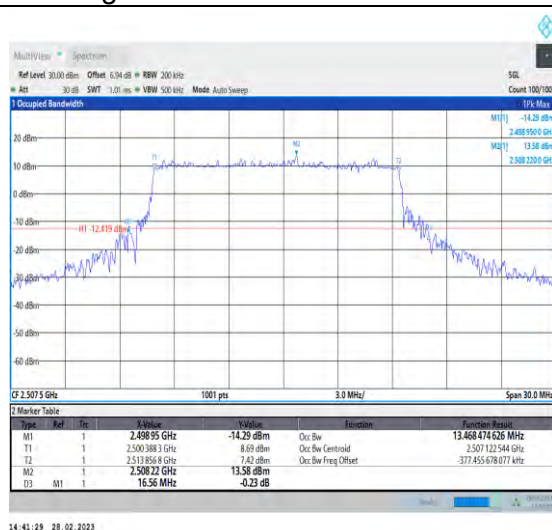
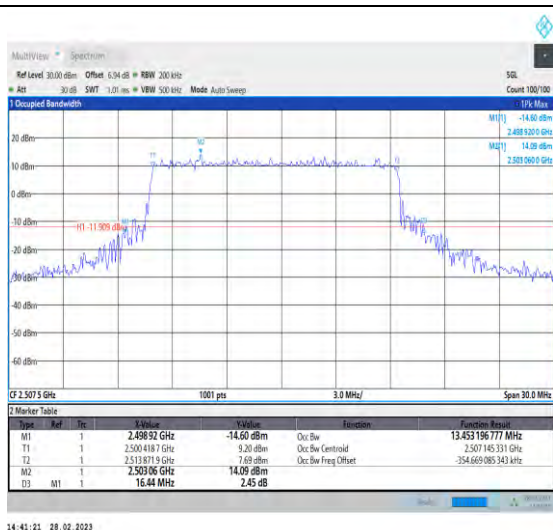
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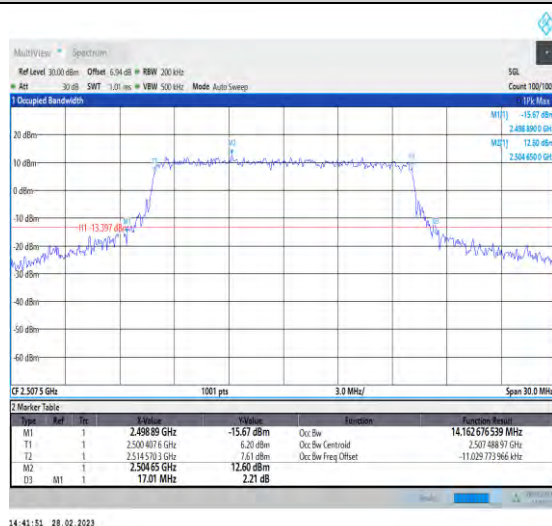
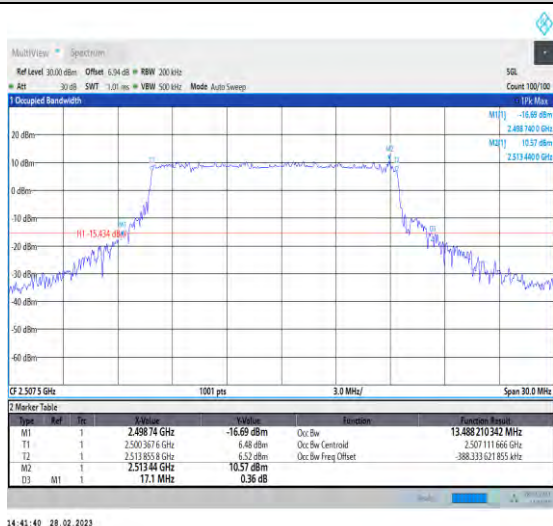
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1-N7-PC3-15-15-L-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.453-16.440-≤15-PASS

1-N7-PC3-15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.468-16.560-≤15-PASS



1-N7-PC3-15-15-L-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.488-17.100-≤15-PASS

1-N7-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-14.163-17.010-≤15-PASS



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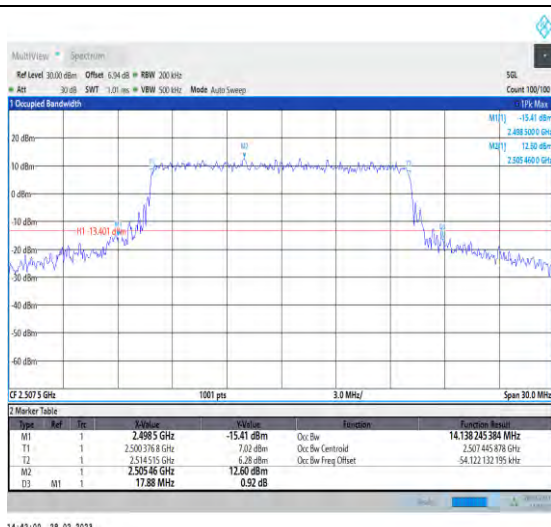
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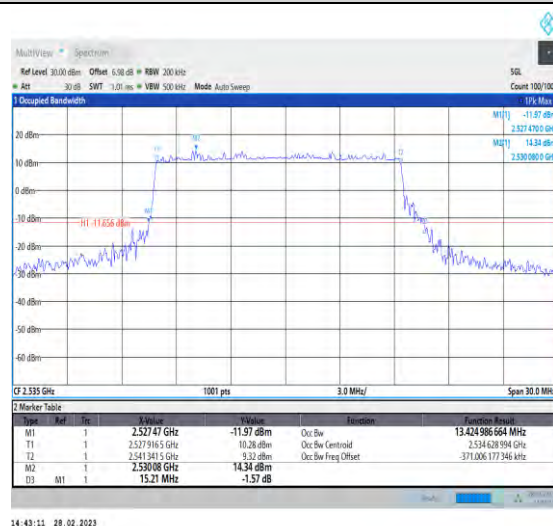
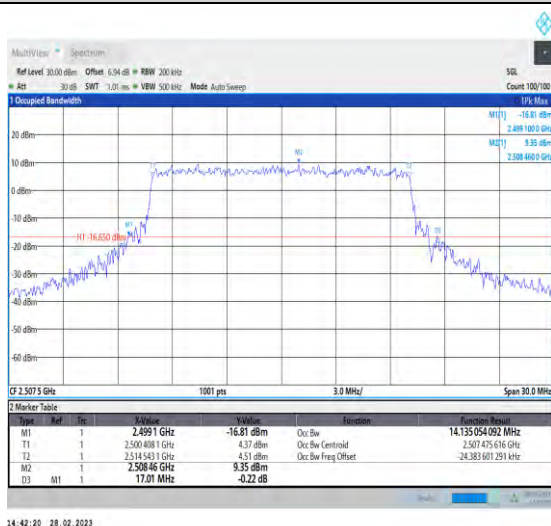
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1-N7-PC3-15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant1-14.138-17.880-≤15-PASS

1-N7-PC3-15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant1-14.14-17.580-≤15-PASS



1-N7-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant1-14.135-17.010-≤15-PASS

1-N7-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.425-15.210-≤15-PASS



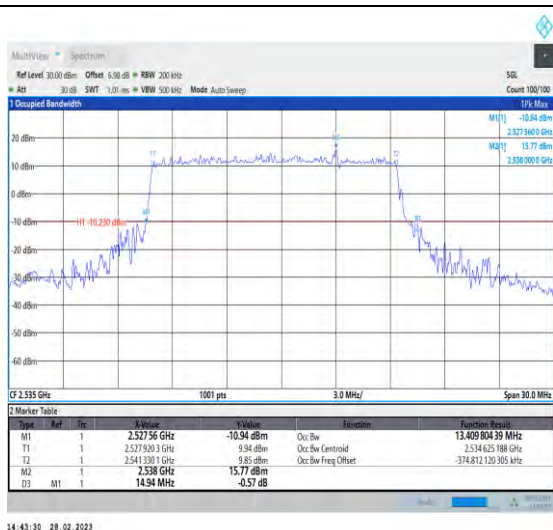
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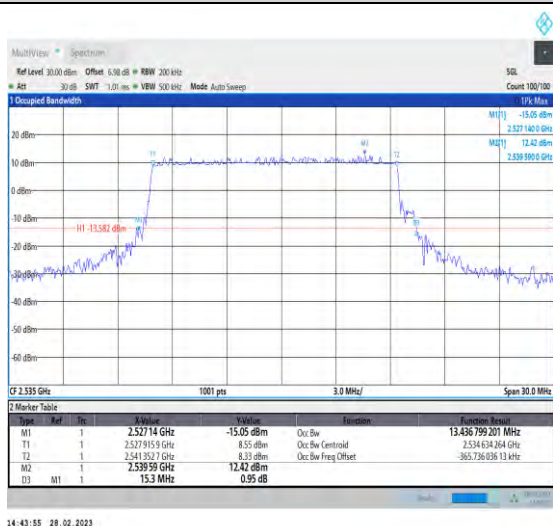
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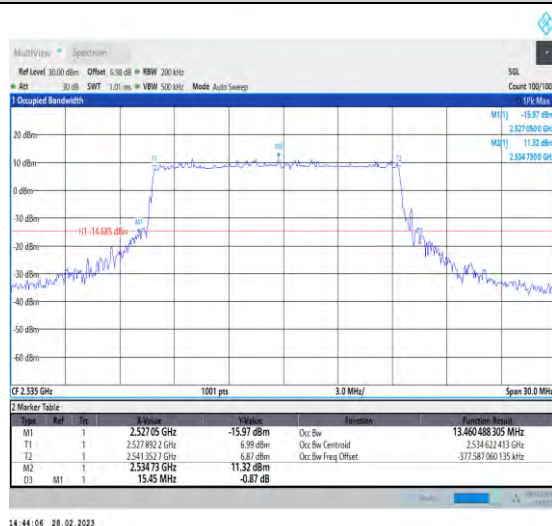
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1-N7-PC3-15-15-M-3-DFT-16QAM-Outet_Full-75@0
-Ant1-13.409-15.720-≤15-PASS



14:43:55 20.02.2023



14:44:06 20.02.2023

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1-N7-PC3-15-15-M-5-DFT-256QAM-Outet_Full-75@0
-Ant1-13.46-15.450-≤15-PASS



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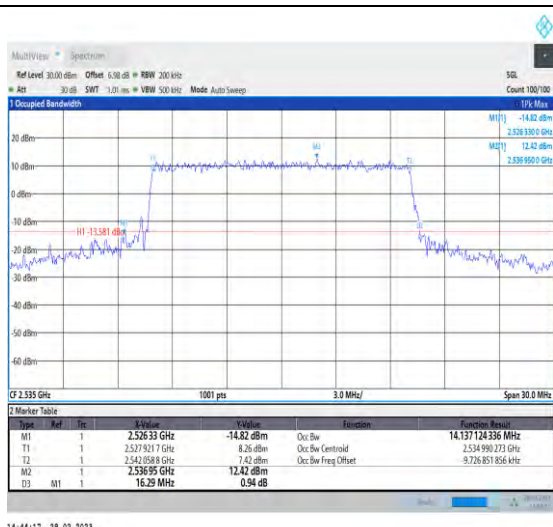
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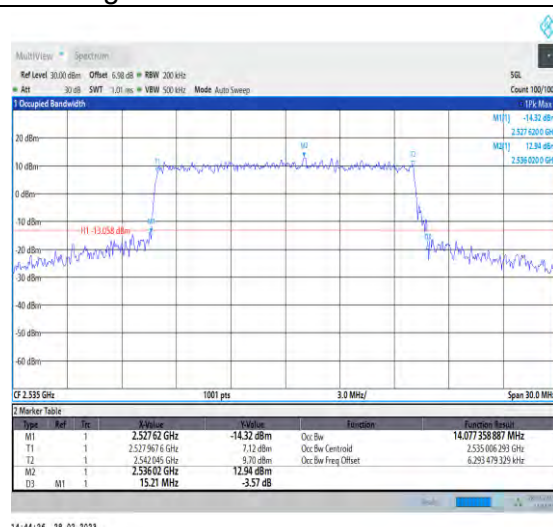
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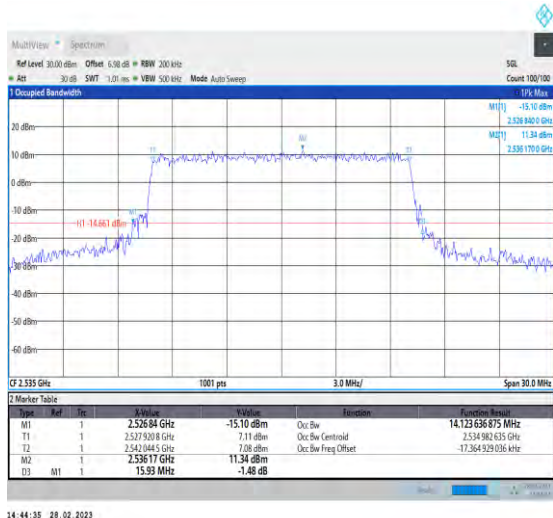
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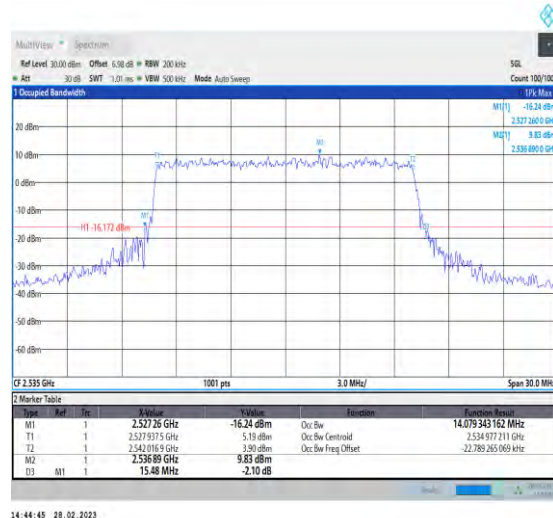
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14:44:35 29.02.2023

1-N7-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-
Ant1-14.124-15.930-≤15-PASS



14:44:45 29.02.2023

1-N7-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-
-Ant1-14.079-15.480-≤15-PASS



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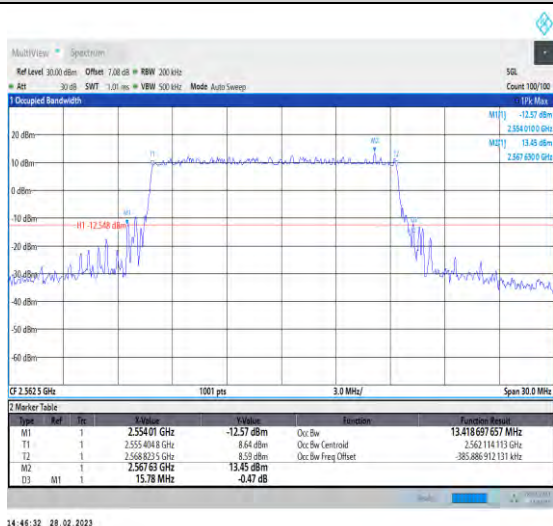
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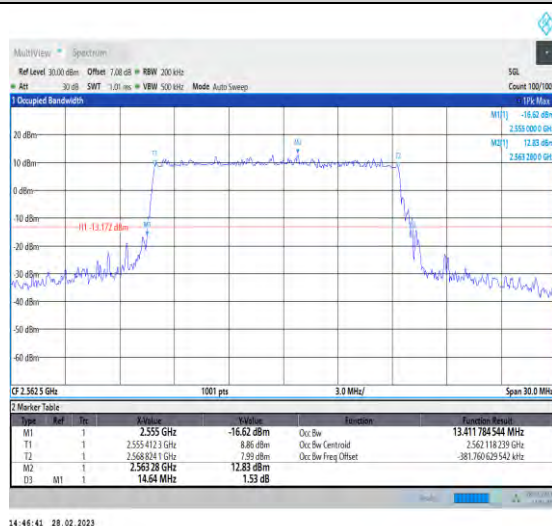
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14:46:32 29.02.2023



14:46:41 29.02.2023

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1-N7-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.412-14.640-≤15-PASS



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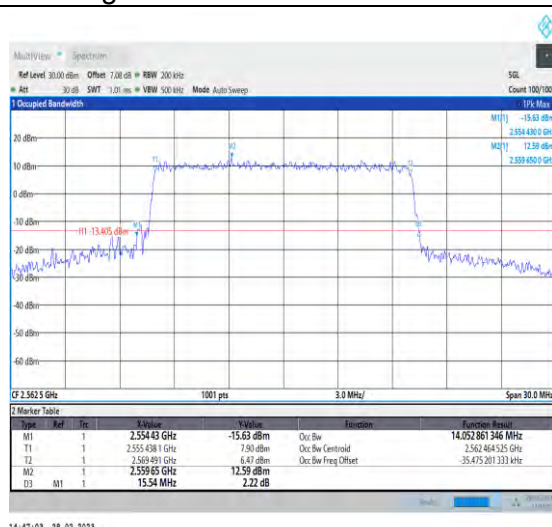
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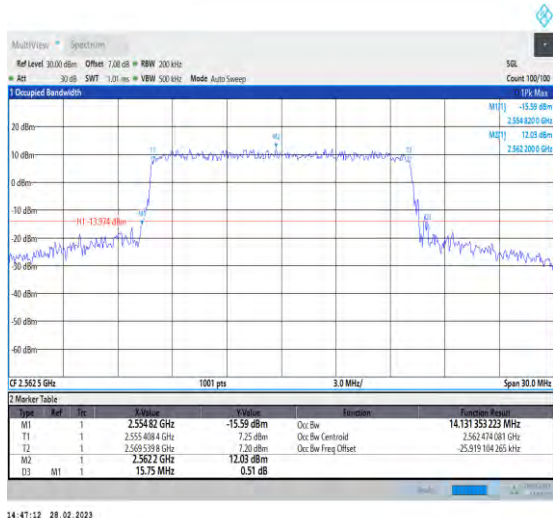
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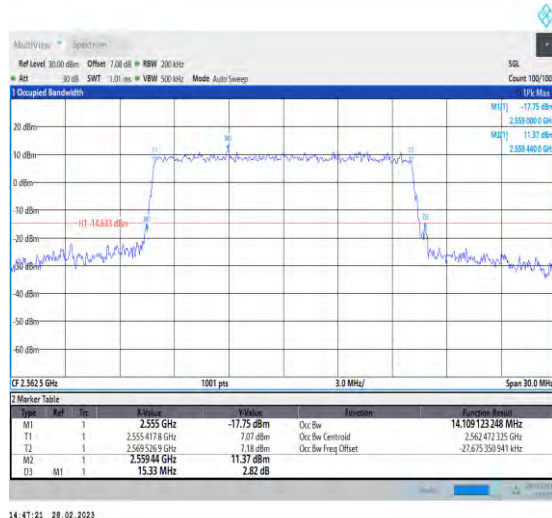
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1-N7-PC3-15-15-H-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.428-15.900≤15-PASS

1-N7-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-14.053-15.540≤15-PASS



14:47:12 29.02.2023



14:47:21 29.02.2023

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1-N7-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant1-14.109-15.330≤15-PASS



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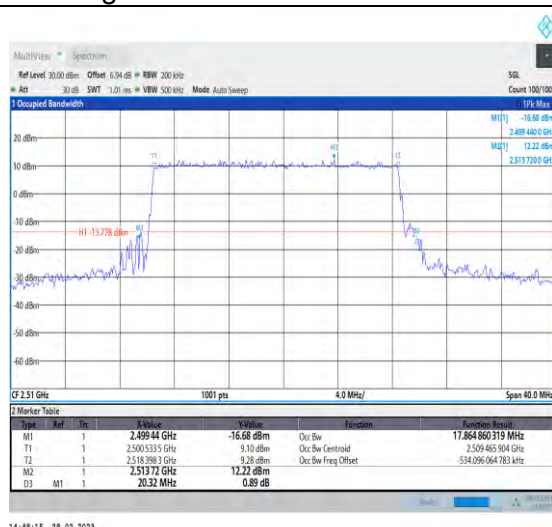
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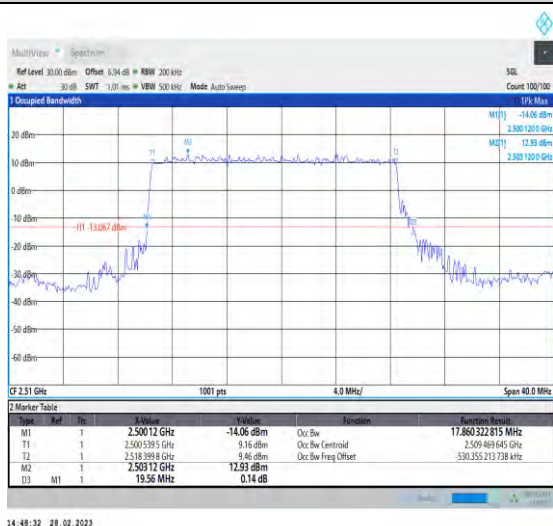
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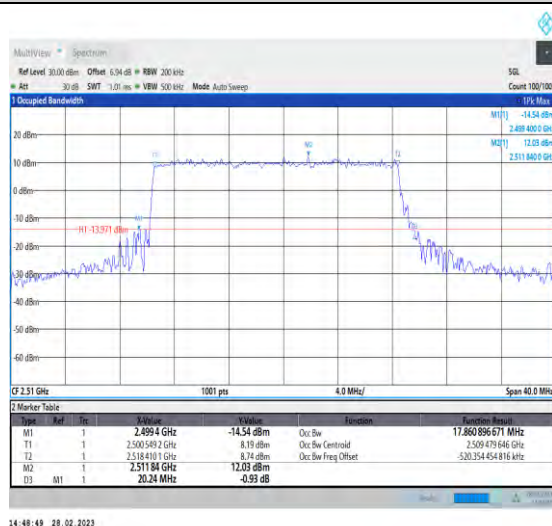
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-Ant1-17.865-20.320-≤20-PASS



14:48:32 28.02.2023

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-Ant1-17.86-19.560-≤20-PASS



14:48:49 28.02.2023

1-N7-PC3-15-20-L-3-DFT-16QAM-Outer_Full-100@0
-Ant1-17.861-20.240-≤20-PASS



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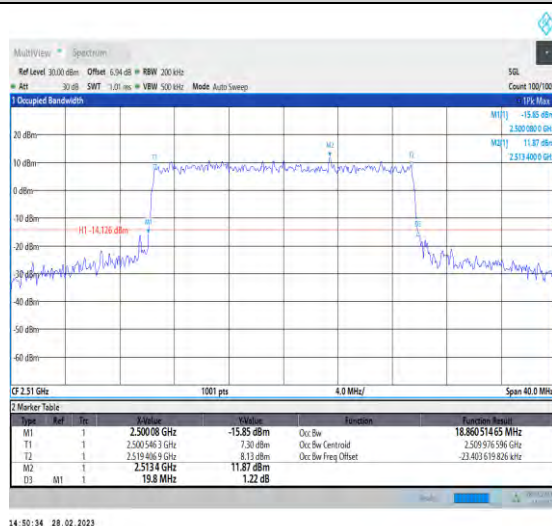
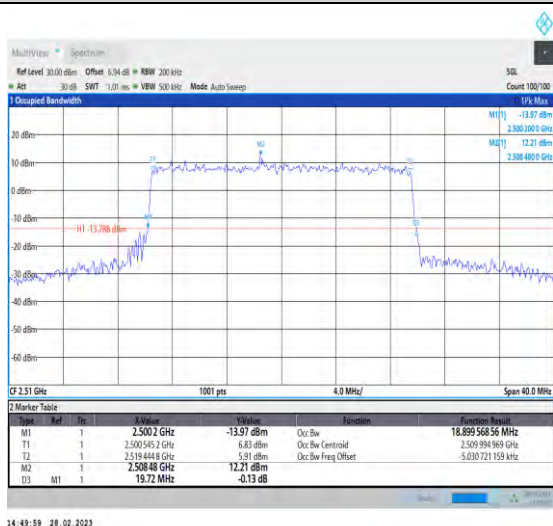
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1-N7-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100@
0-Ant1-17.889-19.840-≤20-PASS

1-N7-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100
@0-Ant1-17.878-20.120-≤20-PASS



1-N7-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-
Ant1-18.9-19.720-≤20-PASS

1-N7-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-
Ant1-18.861-19.800-≤20-PASS



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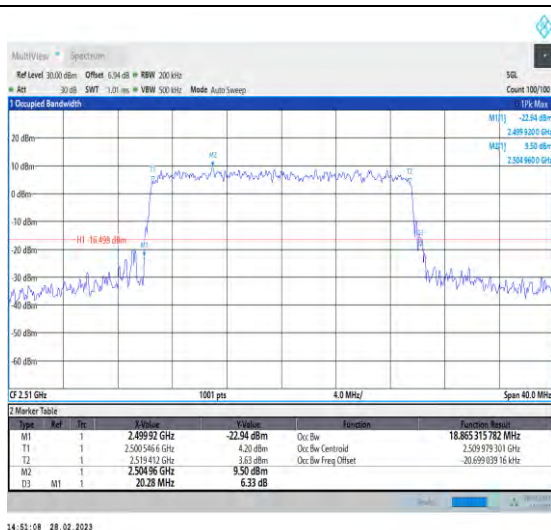
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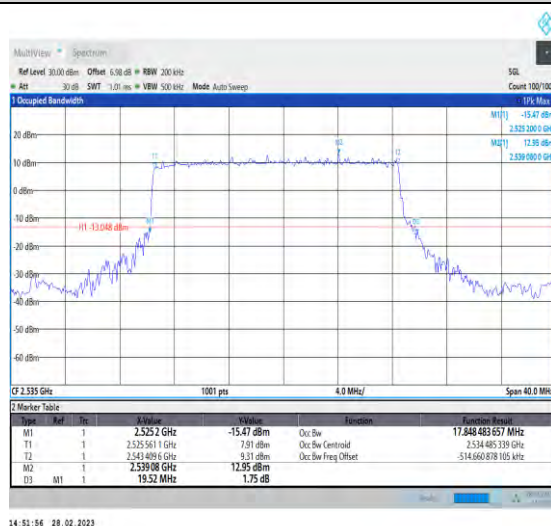
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1-N7-PC3-15-20-L-8-CP-64QAM-Outer_Full-106@0-Ant1-18.865-20.280-≤20-PASS

1-N7-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant1-18.897-20.800-≤20-PASS



1-N7-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.852-20.440-≤20-PASS

1-N7-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.848-19.520-≤20-PASS



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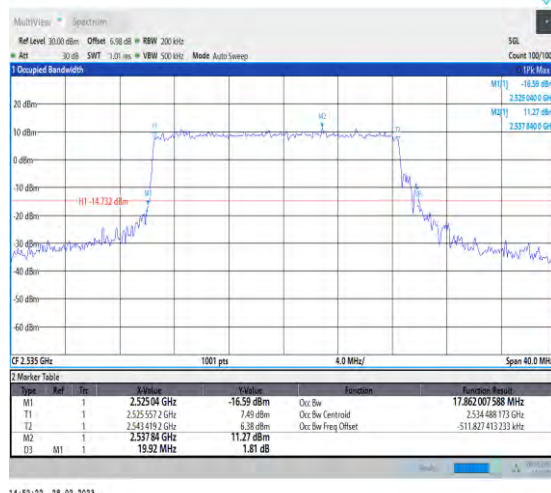
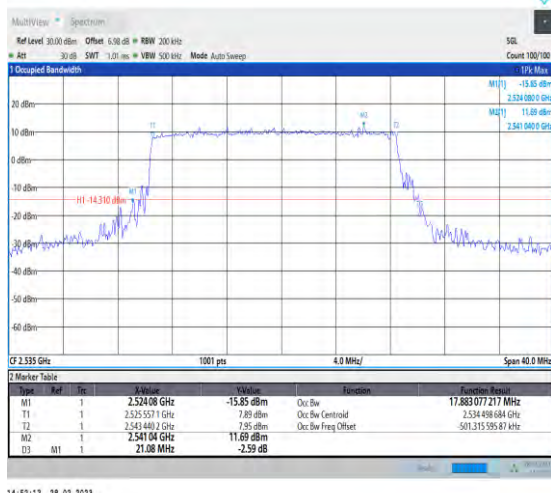
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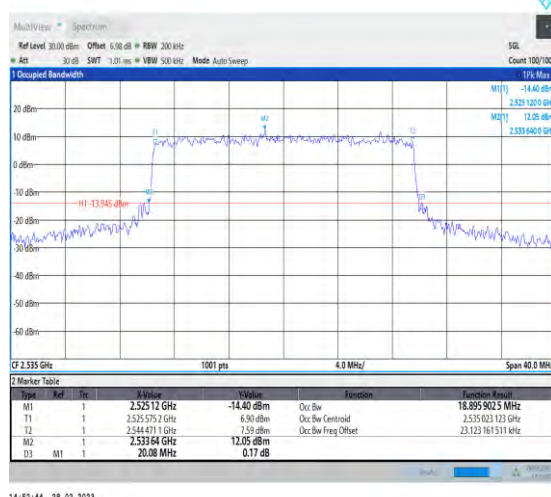
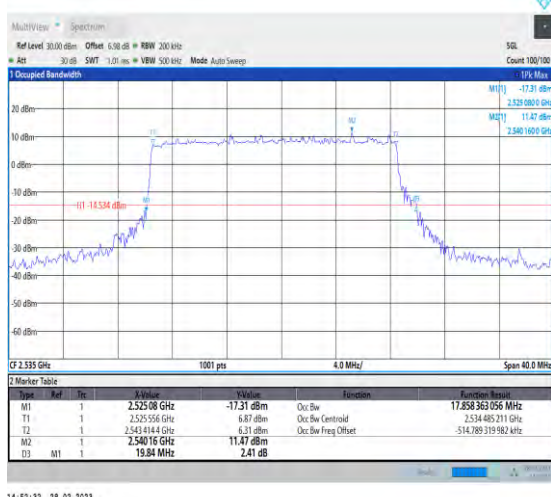
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1-N7-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@
0-Ant1-17.883-21.080-≤20-PASS

1-N7-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@
0-Ant1-17.862-19.920-≤20-PASS



1-N7-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100
@0-Ant1-17.858-19.840-≤20-PASS

1-N7-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-
Ant1-18.896-20.080-≤20-PASS



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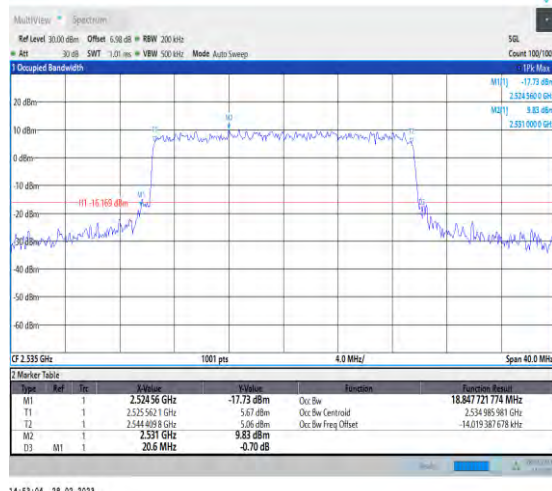
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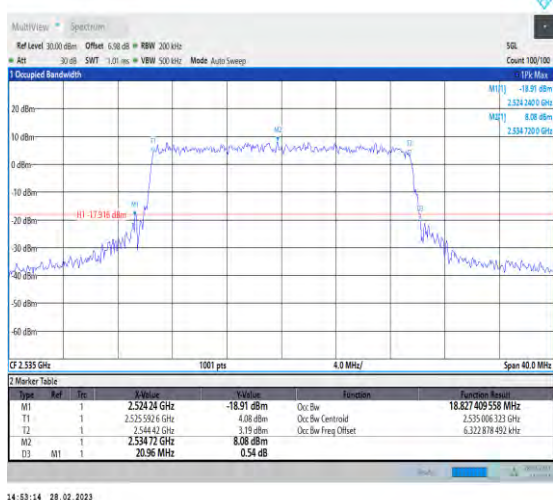
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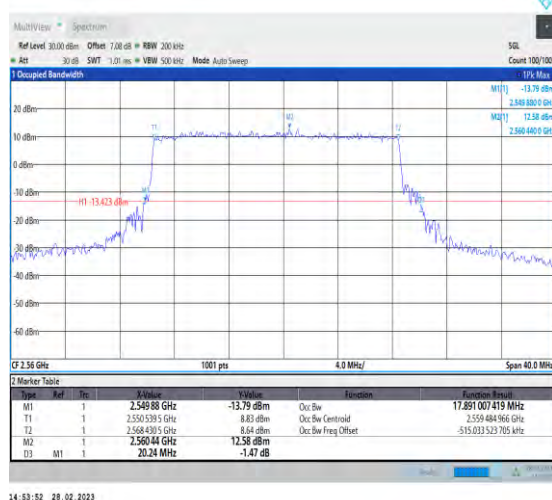
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0-Ant1-18.827-20.960-≤20-PASS



14:53:52 20.02.2023

1-N7-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0
Ant1-17.891-20.240-≤20-PASS



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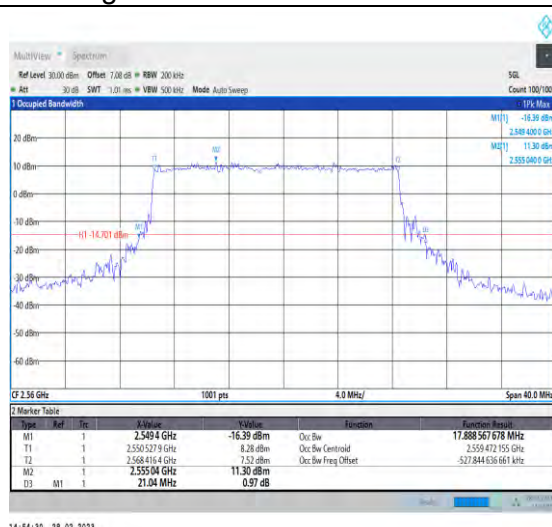
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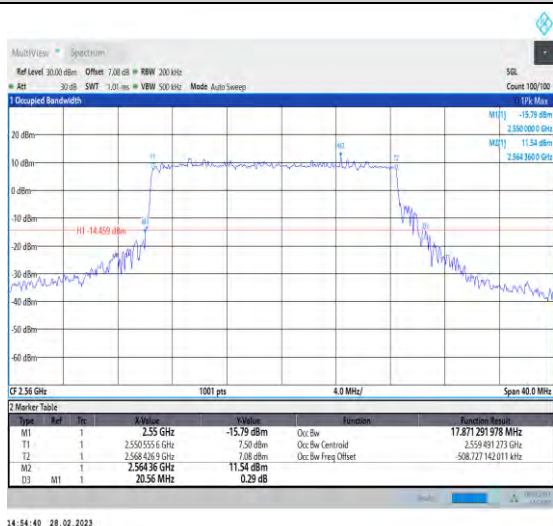
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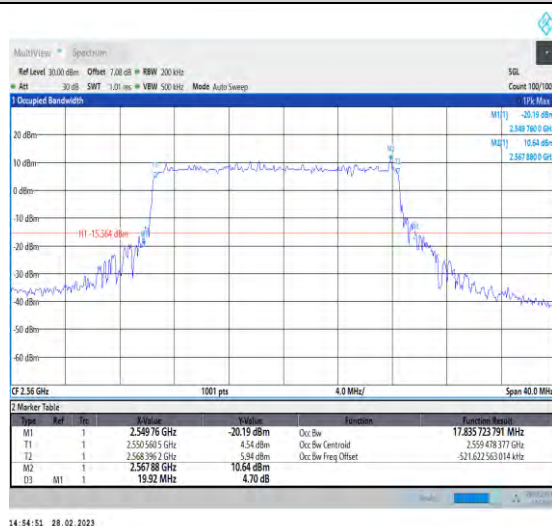
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1-N7-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100@
0-Ant1-17.889-21.040-≤20-PASS



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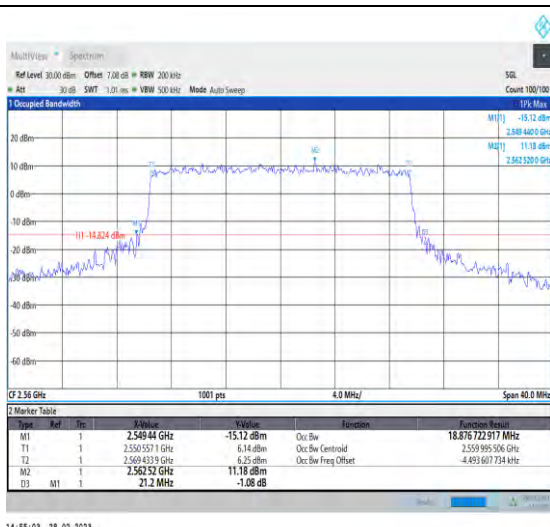
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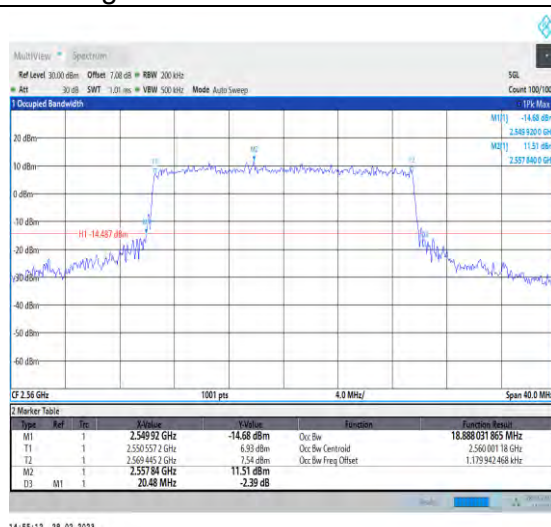
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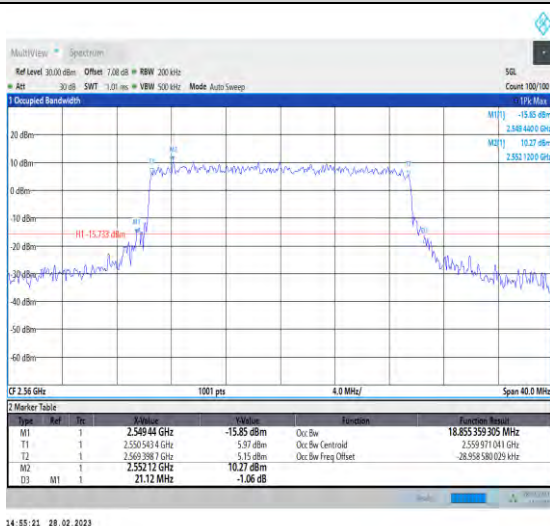
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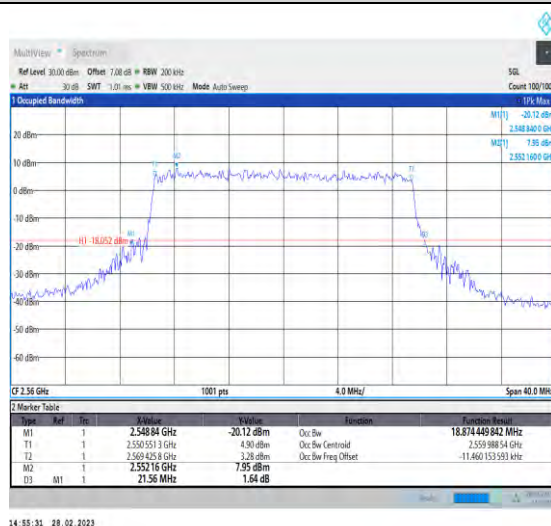
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14:55:21 20.02.2023



14:55:31 20.02.2023

1-N7-PC3-15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant1-18.855-21.120-≤20-PASS

1-N7-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant1-18.874-21.560-≤20-PASS



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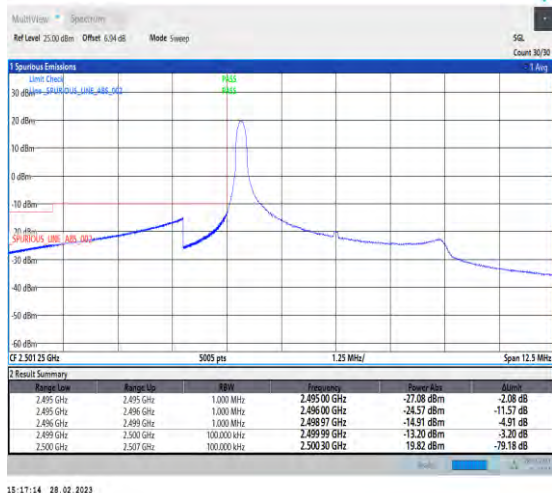
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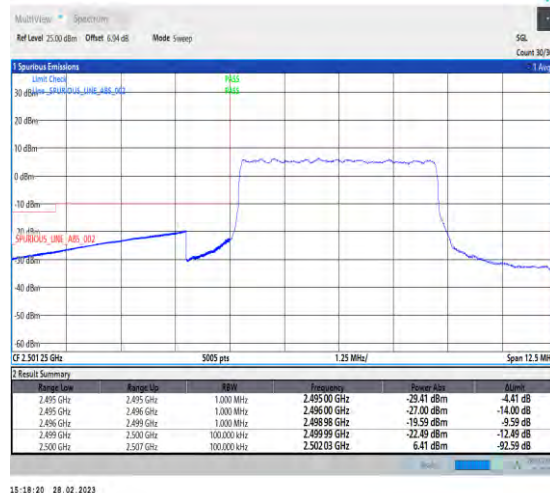
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Band Edge for SA

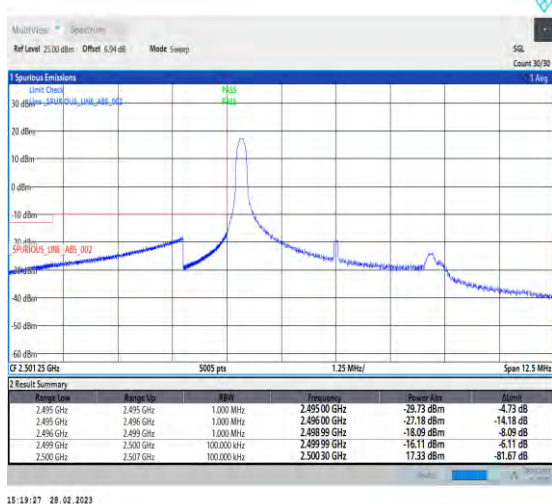
Test Graphs



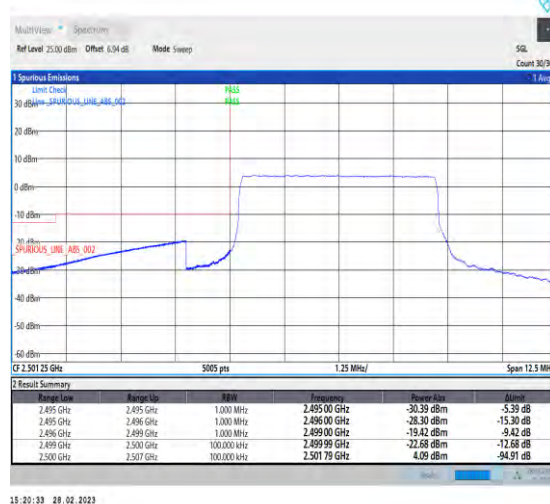
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1-N7-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N7-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



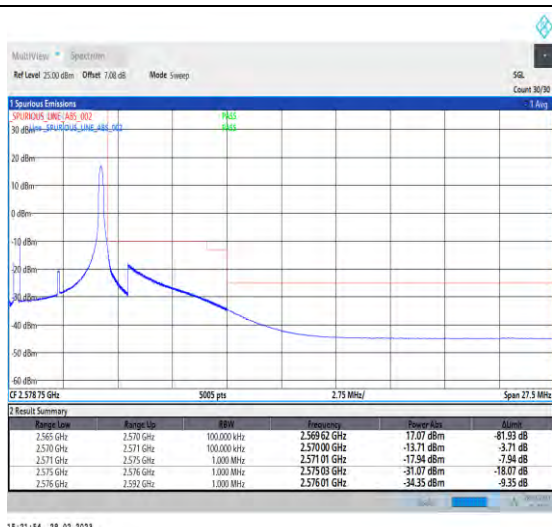
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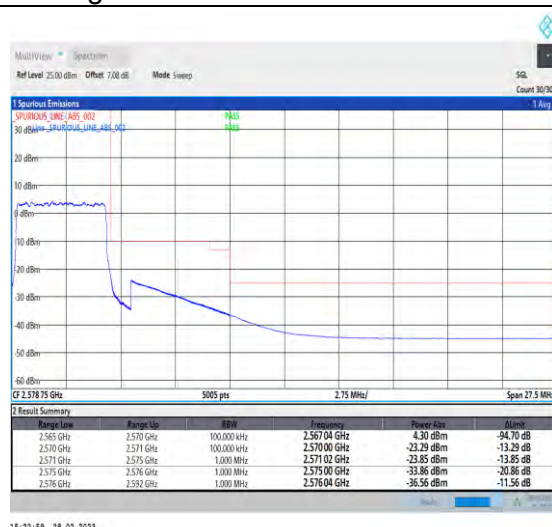
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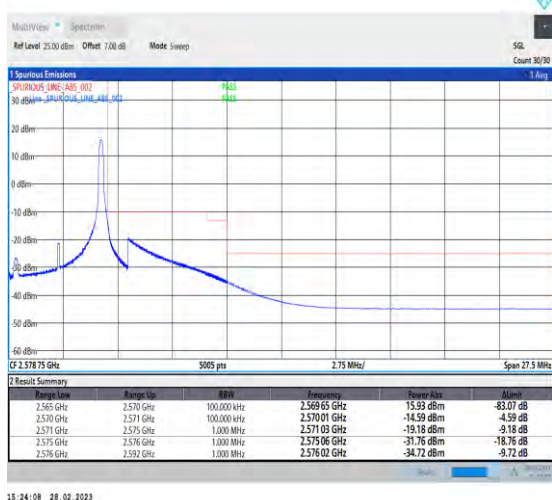
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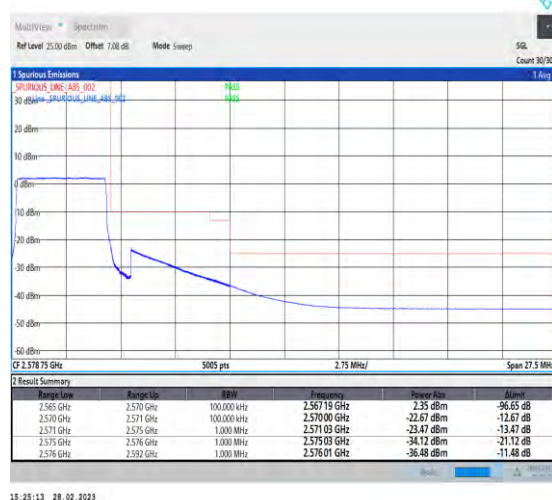
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19:25:13 29.02.2023

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Ant1-1--PASS-see graph



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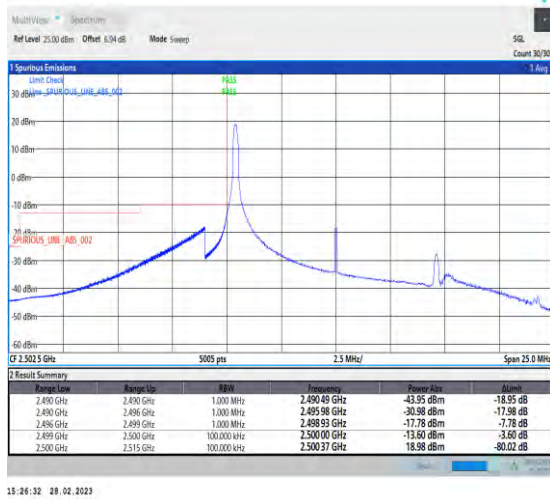
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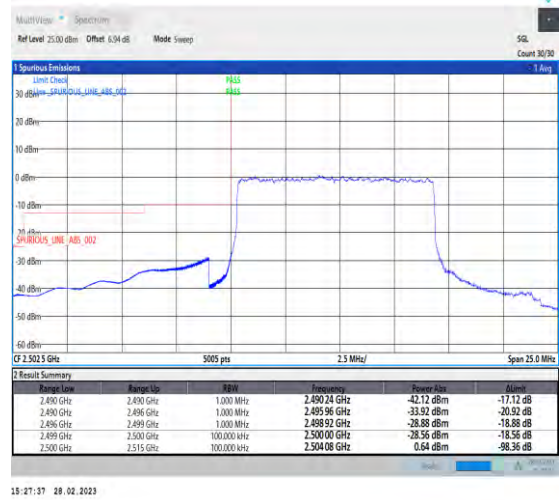
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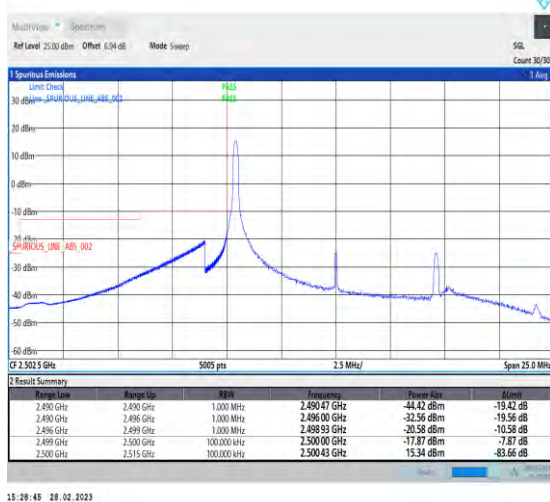
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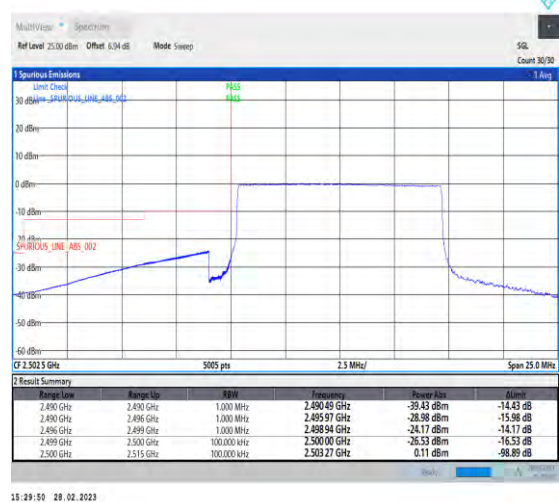
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15:28:45 28.02.2023

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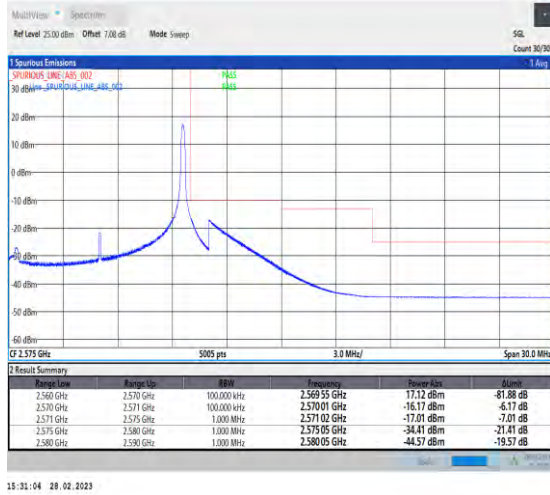
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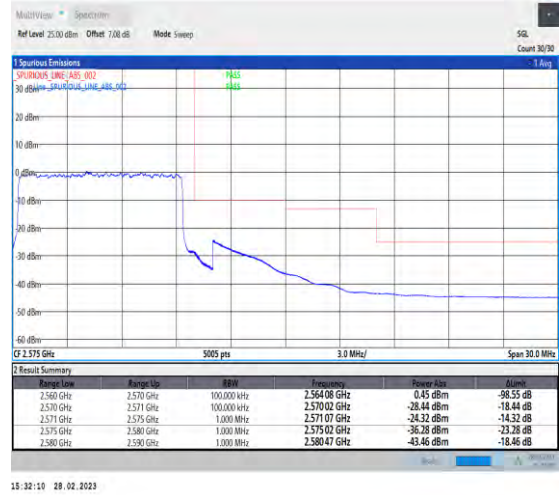
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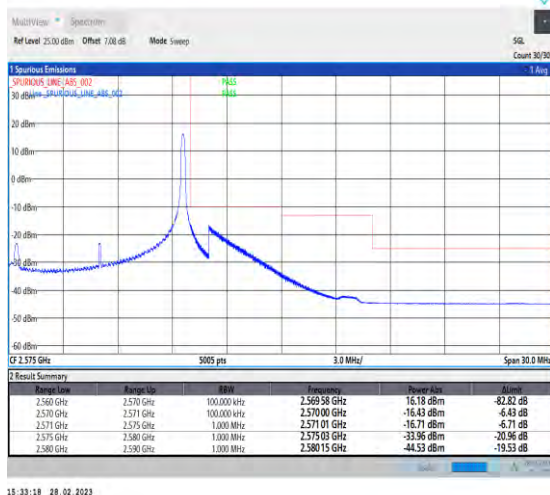
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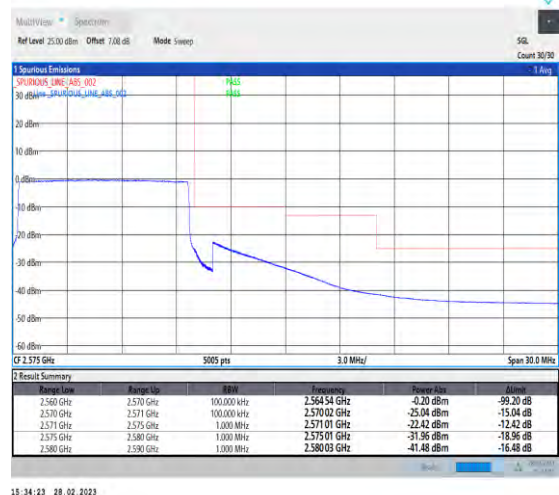
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15:33:18 28.02.2023

1-N7-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-1--PASS-see graph



15:34:23 28.02.2023

1-N7-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-1--PASS-see graph



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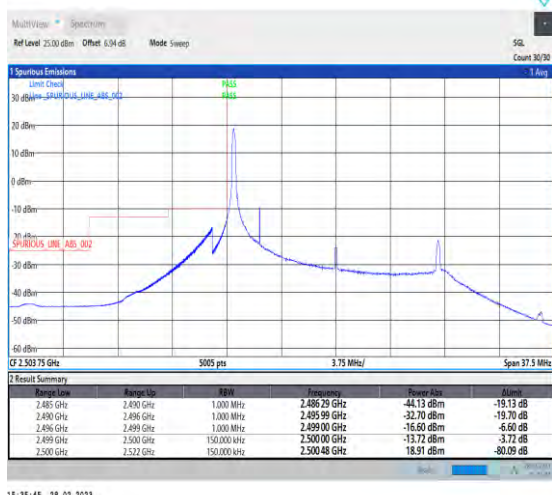
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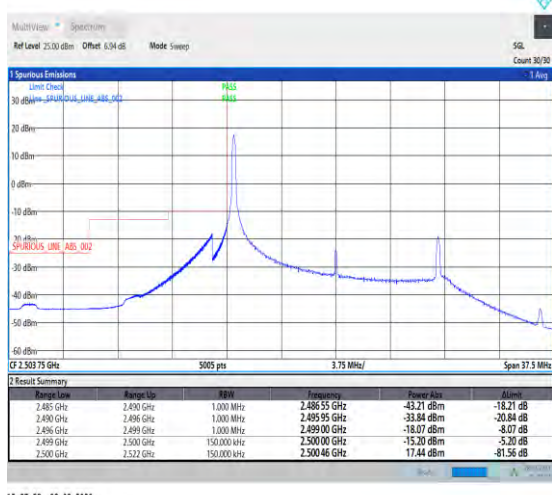
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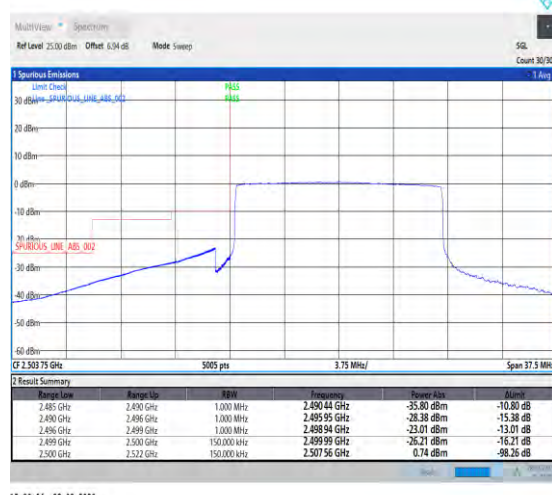
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15:37:58 28.02.2023

1-N7-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



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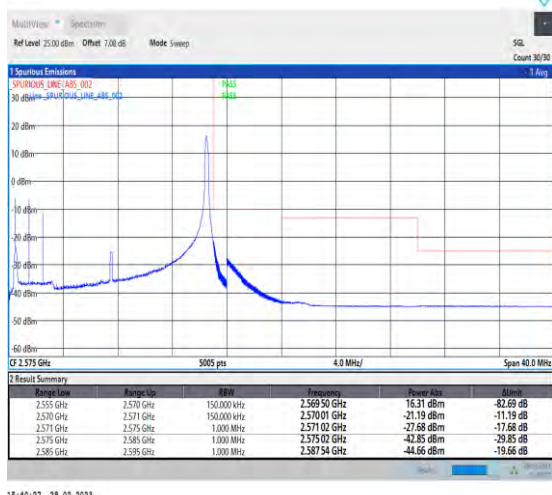
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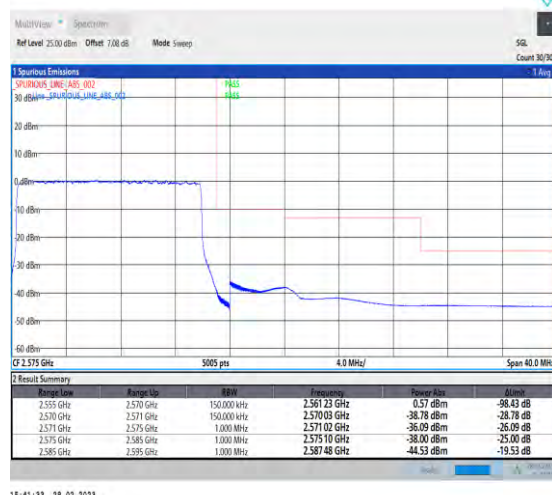
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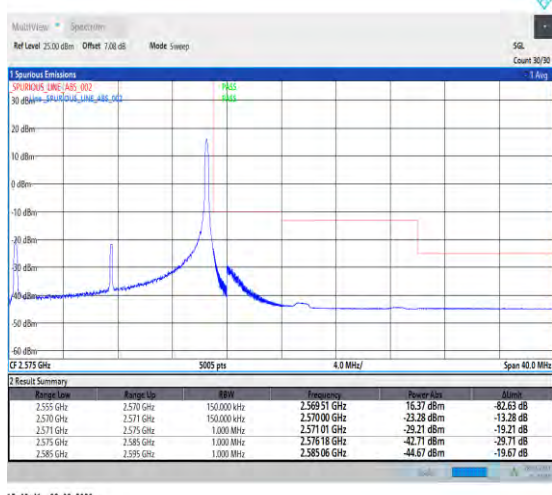
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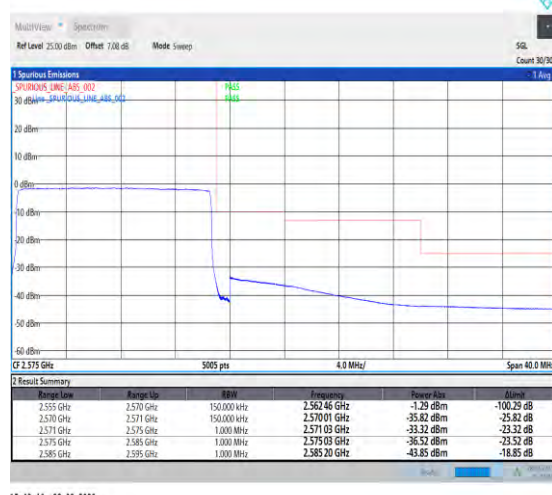
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15:43:46 28.02.2023

1-N7-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1--PASS-see graph



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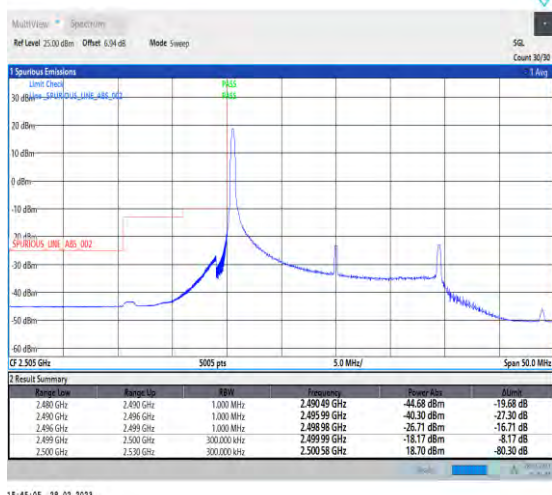
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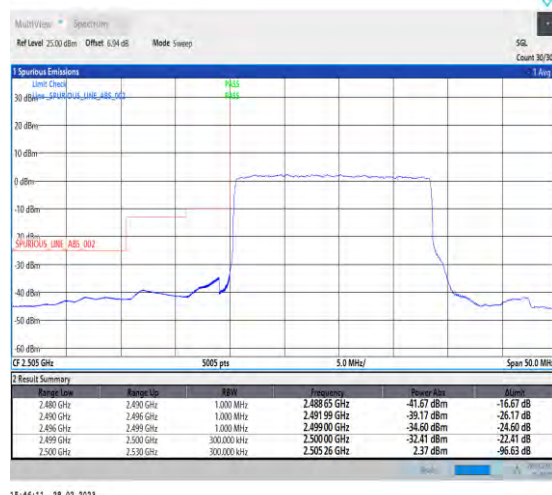
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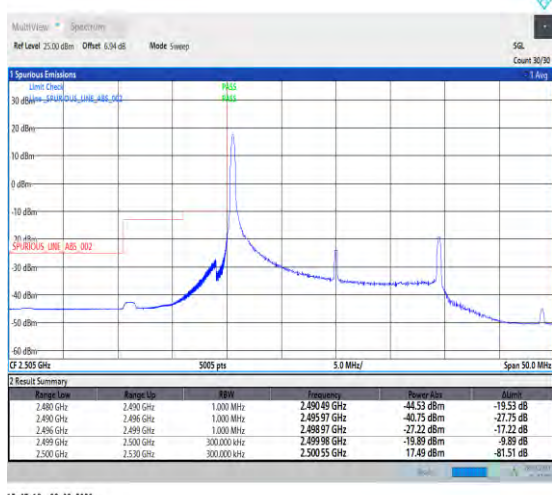
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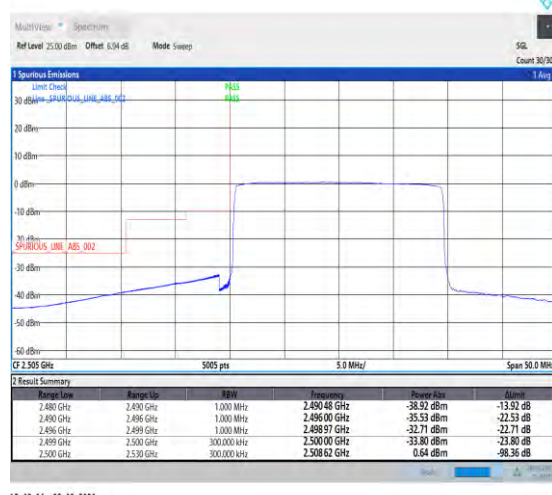
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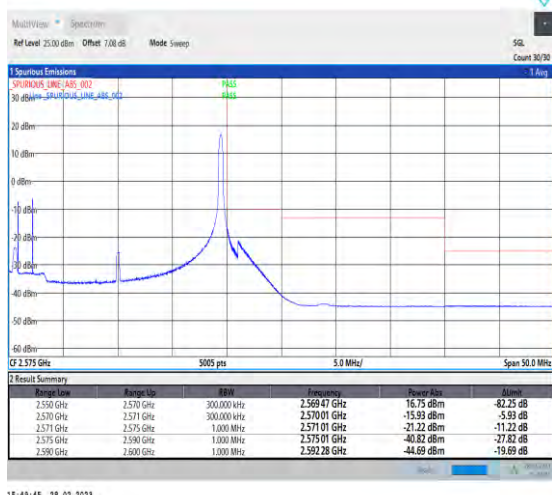
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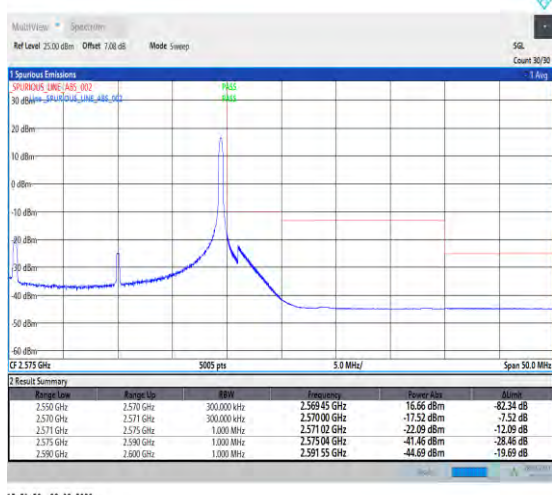
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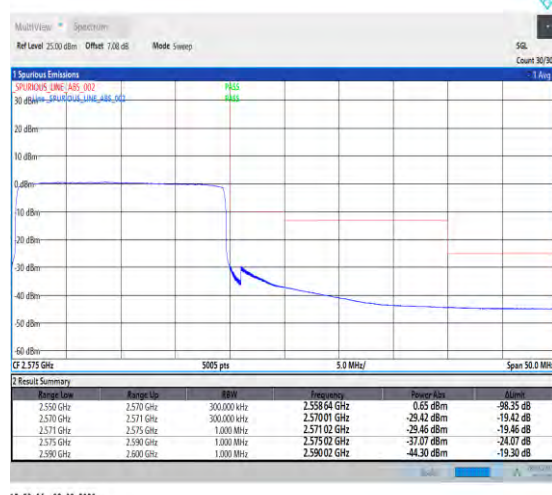
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15:53:04 29.02.2023

1-N7-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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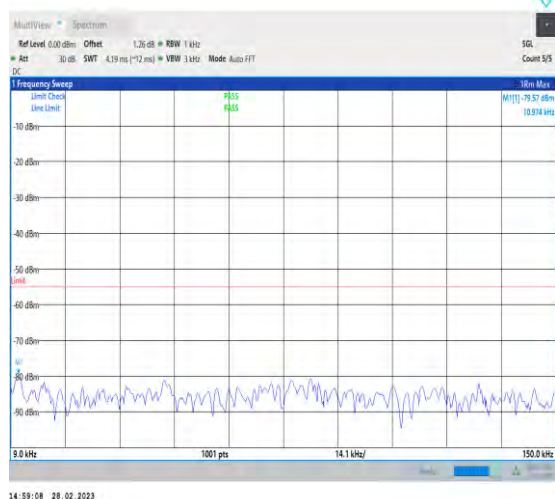
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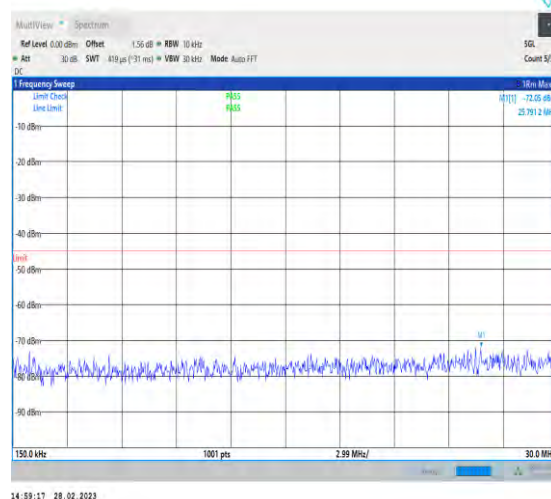
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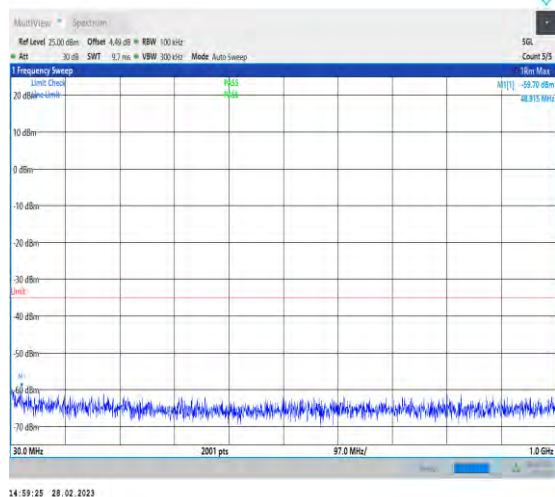
Test Graphs



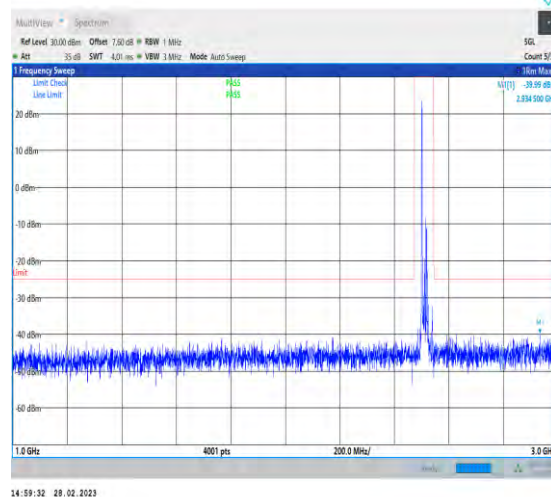
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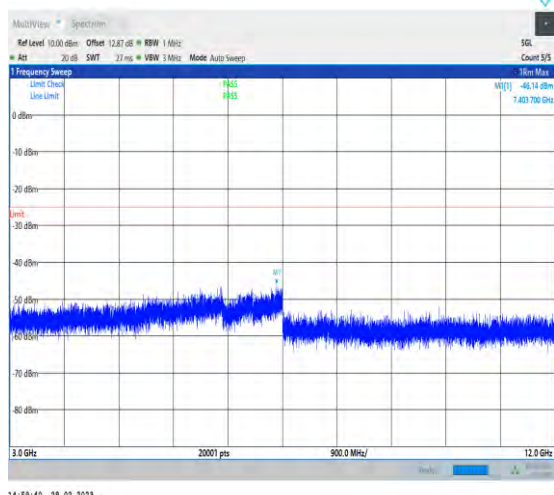
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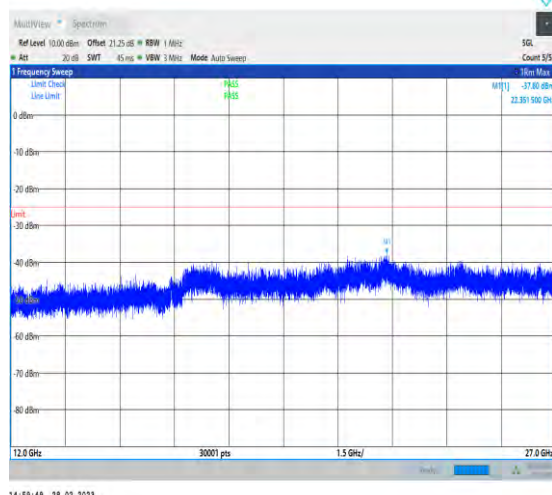
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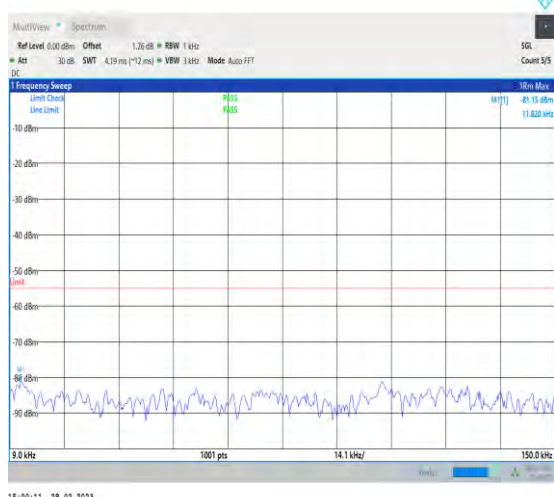
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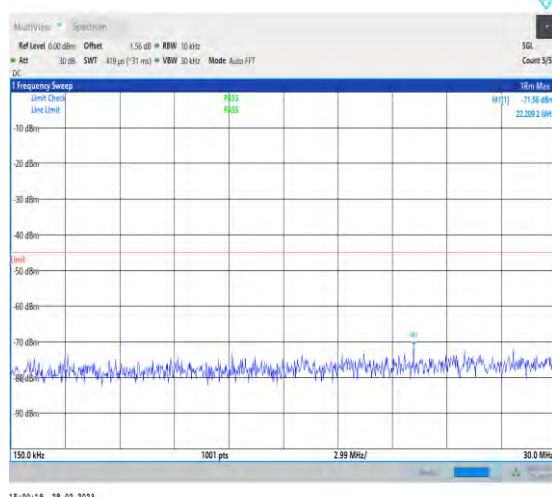
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1-N7-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.01--81.15--55-PASS



1-N7-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-22.21--71.56--45-PASS



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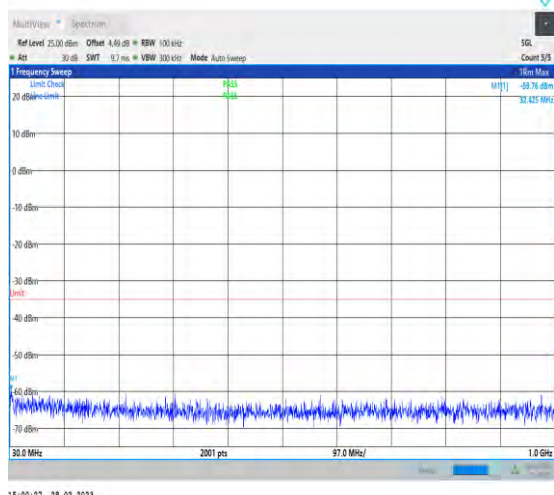
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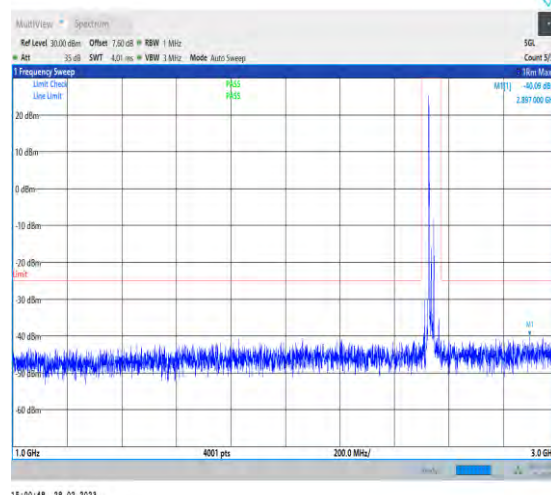
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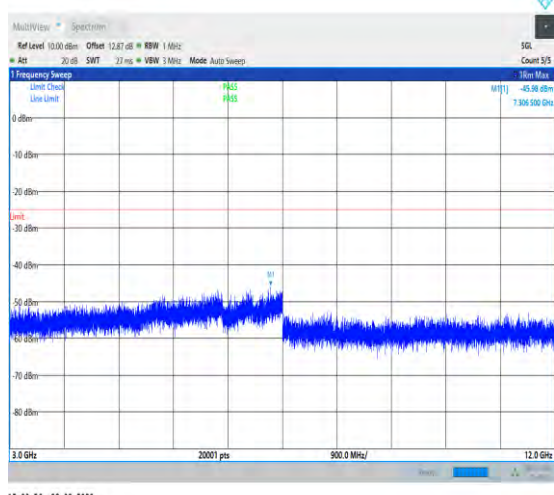
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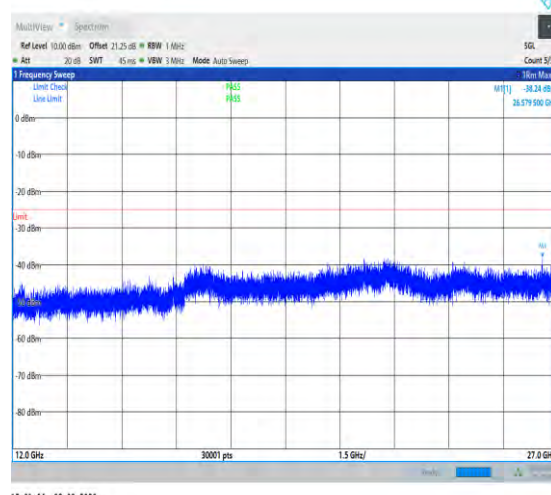
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15:00:56 28.02.2023

1-N7-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-3000-12000-Ant1-7306.50--45.98--25-PASS



15:01:04 28.02.2023

1-N7-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-12000-27000-Ant1-26579.50--38.24--25-PASS



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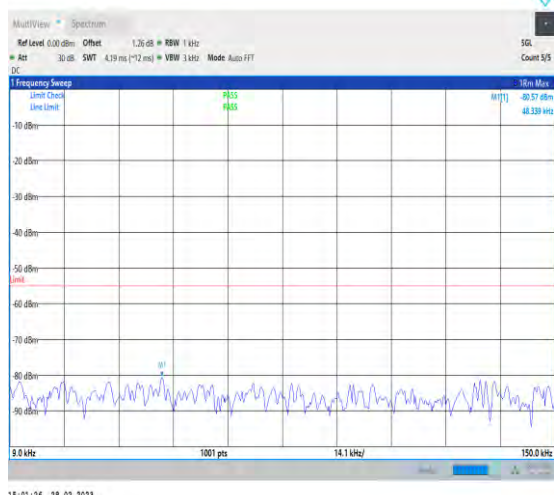
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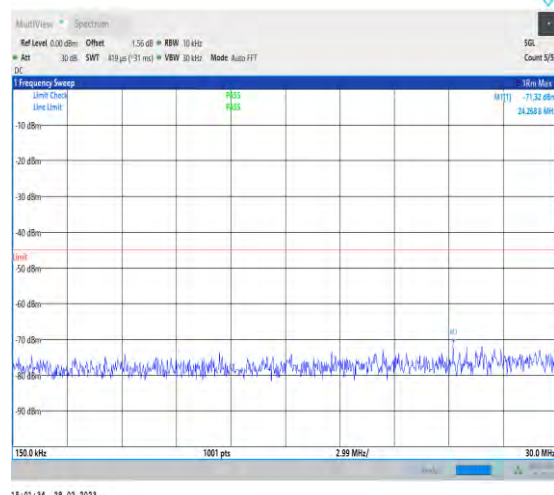
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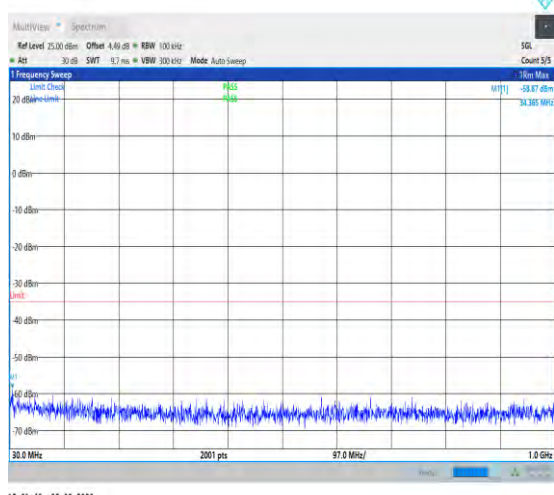
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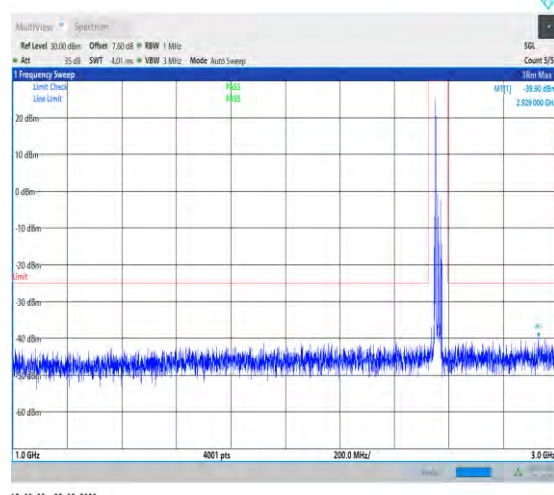
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1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left- 1@1-0.15-30-Ant1-24.27--71.32--45-PASS



1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-30-1000-Ant1-34.37--58.87--35-PASS



1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left- 1@1-1000-3000-Ant1-2929.00--39.90--25-PASS



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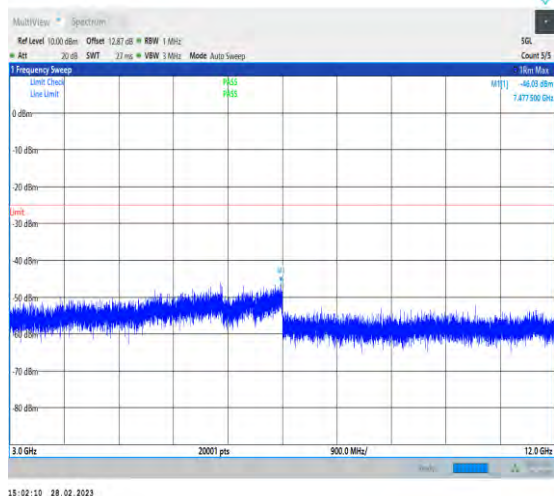
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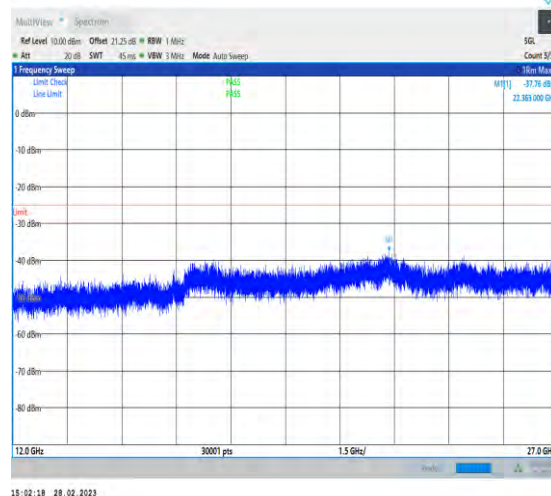
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1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-3000-12000-Ant1-7477.50--46.03--25-PASS



1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-12000-27000-Ant1-22363.00--37.76--25-PASS



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Field Strength of Spurious Radiation

Test Band = NR SA Band7_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.1800	39.89	-45.63	32.88	-68.11	-25.00	43.11	125	6	Horizontal
2	7506.2700	40.21	-43.13	36.44	-61.74	-25.00	36.74	145	317	Horizontal
3	10008.3600	36.05	-39.23	38.50	-59.94	-25.00	34.94	186	255	Horizontal
4	12510.4500	34.82	-37.02	39.19	-58.28	-25.00	33.28	256	6	Horizontal
5	15012.5400	32.62	-34.67	39.20	-58.11	-25.00	33.11	236	60	Horizontal
6	17514.6300	33.16	-34.82	39.24	-57.68	-25.00	32.68	261	103	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.1800	40.11	-45.63	32.88	-67.89	-25.00	42.89	148	0	Vertical
2	7506.2700	40.06	-43.13	36.44	-61.89	-25.00	36.89	175	0	Vertical
3	10008.3600	36.90	-39.23	38.50	-59.09	-25.00	34.09	188	103	Vertical
4	12510.4500	34.81	-37.02	39.19	-58.29	-25.00	33.29	186	0	Vertical
5	15012.5400	32.71	-34.67	39.20	-58.02	-25.00	33.02	291	72	Vertical
6	17514.6300	33.73	-34.82	39.24	-57.11	-25.00	32.11	145	2	Vertical



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Test Band = NR SA Band7_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.1800	40.66	-45.55	32.90	-67.25	-25.00	42.25	244	316	Horizontal
2	7551.2700	39.60	-43.03	36.41	-62.28	-25.00	37.28	156	30	Horizontal
3	10068.3600	35.92	-39.16	38.60	-59.90	-25.00	34.90	136	3	Horizontal
4	12585.4500	34.23	-37.52	39.27	-59.29	-25.00	34.29	259	104	Horizontal
5	15102.5400	32.79	-34.92	39.08	-58.31	-25.00	33.31	191	165	Horizontal
6	17619.6300	32.35	-33.39	39.66	-56.64	-25.00	31.64	175	30	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.1800	41.48	-45.55	32.90	-66.43	-25.00	41.43	211	317	Vertical
2	7551.2700	40.25	-43.03	36.41	-61.63	-25.00	36.63	145	44	Vertical
3	10068.3600	36.26	-39.16	38.60	-59.56	-25.00	34.56	256	357	Vertical
4	12585.4500	34.95	-37.52	39.27	-58.57	-25.00	33.57	236	76	Vertical
5	15102.5400	32.86	-34.92	39.08	-58.24	-25.00	33.24	126	148	Vertical
6	17619.6300	32.43	-33.39	39.66	-56.56	-25.00	31.56	185	148	Vertical



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Test Band = NR SA Band7_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.1800	41.30	-45.47	32.92	-66.51	-25.00	41.51	211	346	Horizontal
2	7596.2700	39.47	-42.94	36.39	-62.34	-25.00	37.34	152	346	Horizontal
3	10128.3600	35.00	-39.23	38.70	-60.79	-25.00	35.79	261	2	Horizontal
4	12660.4500	34.93	-37.05	39.39	-57.99	-25.00	32.99	186	120	Horizontal
5	15192.5400	31.65	-33.99	38.96	-58.64	-25.00	33.64	145	222	Horizontal
6	17724.6300	33.25	-34.18	40.33	-55.85	-25.00	30.85	192	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.1800	41.43	-45.47	32.92	-66.38	-25.00	41.38	211	120	Vertical
2	7596.2700	39.41	-42.94	36.39	-62.40	-25.00	37.40	154	89	Vertical
3	10128.3600	35.13	-39.23	38.70	-60.66	-25.00	35.66	178	105	Vertical
4	12660.4500	33.97	-37.05	39.39	-58.95	-25.00	33.95	196	300	Vertical
5	15192.5400	32.24	-33.99	38.96	-58.05	-25.00	33.05	256	196	Vertical
6	17724.6300	33.40	-34.18	40.33	-55.70	-25.00	30.70	143	7	Vertical



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Test Band = NSA 66A-n7A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.1800	40.33	-45.63	32.88	-67.67	-25.00	42.67	214	197	Horizontal
2	7506.2700	38.96	-43.13	36.44	-62.99	-25.00	37.99	158	3	Horizontal
3	10008.3600	33.64	-39.23	38.50	-62.35	-25.00	37.35	163	121	Horizontal
4	12510.4500	30.91	-37.02	39.19	-62.19	-25.00	37.19	256	226	Horizontal
5	15012.5400	28.62	-34.67	39.20	-62.11	-25.00	37.11	291	0	Horizontal
6	17514.6300	31.50	-34.82	39.24	-59.34	-25.00	34.34	147	145	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.1800	40.36	-45.63	32.88	-67.64	-25.00	42.64	215	212	Vertical
2	7506.2700	38.43	-43.13	36.44	-63.52	-25.00	38.52	321	331	Vertical
3	10008.3600	34.16	-39.23	38.50	-61.83	-25.00	36.83	148	215	Vertical
4	12510.4500	31.05	-37.02	39.19	-62.05	-25.00	37.05	195	14	Vertical
5	15012.5400	28.40	-34.67	39.20	-62.33	-25.00	37.33	175	120	Vertical
6	17514.6300	31.69	-34.82	39.24	-59.15	-25.00	34.15	140	303	Vertical



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Test Band = NSA 66A-n7A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.1800	39.86	-45.55	32.90	-68.05	-25.00	43.05	222	166	Horizontal
2	7551.2700	38.81	-43.03	36.41	-63.07	-25.00	38.07	154	1	Horizontal
3	10068.3600	35.06	-39.16	38.60	-60.76	-25.00	35.76	188	3	Horizontal
4	12585.4500	33.17	-37.52	39.27	-60.35	-25.00	35.35	196	183	Horizontal
5	15102.5400	32.18	-34.92	39.08	-58.92	-25.00	33.92	185	0	Horizontal
6	17619.6300	32.08	-33.39	39.66	-56.91	-25.00	31.91	174	135	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.1800	40.00	-45.55	32.90	-67.91	-25.00	42.91	224	46	Vertical
2	7551.2700	38.52	-43.03	36.41	-63.36	-25.00	38.36	174	165	Vertical
3	10068.3600	35.09	-39.16	38.60	-60.73	-25.00	35.73	156	3	Vertical
4	12585.4500	32.99	-37.52	39.27	-60.53	-25.00	35.53	233	211	Vertical
5	15102.5400	32.02	-34.92	39.08	-59.08	-25.00	34.08	213	134	Vertical
6	17619.6300	32.00	-33.39	39.66	-56.99	-25.00	31.99	210	120	Vertical



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Test Band = NSA 66A-n7A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.1800	40.72	-45.47	32.92	-67.09	-25.00	42.09	165	1	Horizontal
2	7596.2700	38.50	-42.94	36.39	-63.31	-25.00	38.31	142	356	Horizontal
3	10128.3600	34.20	-39.23	38.70	-61.59	-25.00	36.59	188	21	Horizontal
4	12660.4500	33.71	-37.05	39.39	-59.21	-25.00	34.21	173	233	Horizontal
5	15192.5400	31.01	-33.99	38.96	-59.28	-25.00	34.28	163	6	Horizontal
6	17724.6300	32.21	-34.18	40.33	-56.89	-25.00	31.89	122	15	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.1800	40.63	-45.47	32.92	-67.18	-25.00	42.18	215	0	Vertical
2	7596.2700	38.45	-42.94	36.39	-63.36	-25.00	38.36	188	330	Vertical
3	10128.3600	33.70	-39.23	38.70	-62.09	-25.00	37.09	145	30	Vertical
4	12660.4500	34.15	-37.05	39.39	-58.77	-25.00	33.77	165	17	Vertical
5	15192.5400	30.64	-33.99	38.96	-59.65	-25.00	34.65	152	242	Vertical
6	17724.6300	32.32	-34.18	40.33	-56.78	-25.00	31.78	199	61	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
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-11.500000	-0.004536	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	3.600000	0.001420	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-1.700000	-0.000671	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VH	NT	-8.800000	-0.003471	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VN	NT	7.900000	0.003116	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VL	NT	-4.000000	-0.001578	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-1.300000	-0.000513	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	4.600000	0.001815	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	7.000000	0.002761	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	7.000000	0.002761	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	9.600000	0.003787	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-2.100000	-0.000828	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-9.000000	-0.003550	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	3.600000	0.001420	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	11.600000	0.004576	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-30	1.400000	0.000552	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-20	-2.100000	-0.000828	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-10	6.800000	0.002682	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	0	-10.600000	-0.004181	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	10	11.900000	0.004694	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	20	8.400000	0.003314	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	30	-9.200000	-0.003629	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	40	4.700000	0.001854	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	50	9.600000	0.003787	PASS

---End of Attachment---



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