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Appendix B.23

NR Band n41



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT4

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N41	30	10	DFT-QPSK	L	Inner_1RB_Left	24.35	22.75	33.00	PASS
N41	30	10	DFT-16QAM	L	Inner_1RB_Left	23.40	21.80	33.00	PASS
N41	30	10	DFT-QPSK	M	Inner_1RB_Left	24.35	22.75	33.00	PASS
N41	30	10	DFT-16QAM	M	Inner_1RB_Left	23.45	21.85	33.00	PASS
N41	30	10	DFT-QPSK	H	Inner_1RB_Left	24.33	22.73	33.00	PASS
N41	30	10	DFT-16QAM	H	Inner_1RB_Left	23.46	21.86	33.00	PASS
N41	30	15	DFT-QPSK	L	Inner_1RB_Left	24.41	22.81	33.00	PASS
N41	30	15	DFT-16QAM	L	Inner_1RB_Left	23.48	21.88	33.00	PASS
N41	30	15	DFT-QPSK	M	Inner_1RB_Left	24.42	22.82	33.00	PASS
N41	30	15	DFT-16QAM	M	Inner_1RB_Left	23.55	21.95	33.00	PASS
N41	30	15	DFT-QPSK	H	Inner_1RB_Left	24.43	22.83	33.00	PASS
N41	30	15	DFT-16QAM	H	Inner_1RB_Left	23.55	21.95	33.00	PASS
N41	30	20	DFT-QPSK	L	Inner_1RB_Left	24.34	22.74	33.00	PASS
N41	30	20	DFT-16QAM	L	Inner_1RB_Left	23.39	21.79	33.00	PASS
N41	30	20	DFT-QPSK	M	Inner_1RB_Left	24.42	22.82	33.00	PASS
N41	30	20	DFT-16QAM	M	Inner_1RB_Left	23.53	21.93	33.00	PASS
N41	30	20	DFT-QPSK	H	Inner_1RB_Left	24.47	22.87	33.00	PASS
N41	30	20	DFT-16QAM	H	Inner_1RB_Left	23.57	21.97	33.00	PASS
N41	30	30	DFT-QPSK	L	Inner_1RB_Left	24.29	22.69	33.00	PASS
N41	30	30	DFT-16QAM	L	Inner_1RB_Left	23.45	21.85	33.00	PASS
N41	30	30	DFT-QPSK	M	Inner_1RB_Left	24.54	22.94	33.00	PASS
N41	30	30	DFT-16QAM	M	Inner_1RB_Left	23.65	22.05	33.00	PASS
N41	30	30	DFT-QPSK	H	Inner_1RB_Left	24.30	22.70	33.00	PASS
N41	30	30	DFT-16QAM	H	Inner_1RB_Left	23.42	21.82	33.00	PASS
N41	30	40	DFT-QPSK	L	Inner_1RB_Left	24.24	22.64	33.00	PASS
N41	30	40	DFT-16QAM	L	Inner_1RB_Left	23.42	21.82	33.00	PASS
N41	30	40	DFT-QPSK	M	Inner_1RB_Left	24.50	22.90	33.00	PASS
N41	30	40	DFT-16QAM	M	Inner_1RB_Left	23.59	21.99	33.00	PASS
N41	30	40	DFT-QPSK	H	Inner_1RB_Left	24.30	22.70	33.00	PASS



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N41	30	40	DFT-16QAM	H	Inner_1RB_Left	23.45	21.85	33.00	PASS
N41	30	50	DFT-QPSK	L	Inner_1RB_Left	24.25	22.65	33.00	PASS
N41	30	50	DFT-16QAM	L	Inner_1RB_Left	23.40	21.80	33.00	PASS
N41	30	50	DFT-QPSK	M	Inner_1RB_Left	24.38	22.78	33.00	PASS
N41	30	50	DFT-16QAM	M	Inner_1RB_Left	23.53	21.93	33.00	PASS
N41	30	50	DFT-QPSK	H	Inner_1RB_Left	24.20	22.60	33.00	PASS
N41	30	50	DFT-16QAM	H	Inner_1RB_Left	23.25	21.65	33.00	PASS
N41	30	60	DFT-QPSK	L	Inner_1RB_Left	24.23	22.63	33.00	PASS
N41	30	60	DFT-16QAM	L	Inner_1RB_Left	23.27	21.67	33.00	PASS
N41	30	60	DFT-QPSK	M	Inner_1RB_Left	24.28	22.68	33.00	PASS
N41	30	60	DFT-16QAM	M	Inner_1RB_Left	23.39	21.79	33.00	PASS
N41	30	60	DFT-QPSK	H	Inner_1RB_Left	24.29	22.69	33.00	PASS
N41	30	60	DFT-16QAM	H	Inner_1RB_Left	23.46	21.86	33.00	PASS
N41	30	70	DFT-QPSK	L	Inner_1RB_Left	24.13	22.53	33.00	PASS
N41	30	70	DFT-16QAM	L	Inner_1RB_Left	23.28	21.68	33.00	PASS
N41	30	70	DFT-QPSK	M	Inner_1RB_Left	23.99	22.39	33.00	PASS
N41	30	70	DFT-16QAM	M	Inner_1RB_Left	23.15	21.55	33.00	PASS
N41	30	70	DFT-QPSK	H	Inner_1RB_Left	24.13	22.53	33.00	PASS
N41	30	70	DFT-16QAM	H	Inner_1RB_Left	23.34	21.74	33.00	PASS
N41	30	80	DFT-QPSK	L	Inner_1RB_Left	24.04	22.44	33.00	PASS
N41	30	80	DFT-16QAM	L	Inner_1RB_Left	23.12	21.52	33.00	PASS
N41	30	80	DFT-QPSK	M	Inner_1RB_Left	23.89	22.29	33.00	PASS
N41	30	80	DFT-16QAM	M	Inner_1RB_Left	23.07	21.47	33.00	PASS
N41	30	80	DFT-QPSK	H	Inner_1RB_Left	24.11	22.51	33.00	PASS
N41	30	80	DFT-16QAM	H	Inner_1RB_Left	23.26	21.66	33.00	PASS
N41	30	90	DFT-QPSK	L	Inner_1RB_Left	24.02	22.42	33.00	PASS
N41	30	90	DFT-16QAM	L	Inner_1RB_Left	23.09	21.49	33.00	PASS
N41	30	90	DFT-QPSK	M	Inner_1RB_Left	23.99	22.39	33.00	PASS
N41	30	90	DFT-16QAM	M	Inner_1RB_Left	23.12	21.52	33.00	PASS
N41	30	90	DFT-QPSK	H	Inner_1RB_Left	24.10	22.50	33.00	PASS
N41	30	90	DFT-16QAM	H	Inner_1RB_Left	23.15	21.55	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	24.11	22.51	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	24.48	22.88	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	23.84	22.24	33.00	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Left	24.09	22.49	33.00	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Right	24.47	22.87	33.00	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	23.33	21.73	33.00	PASS



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N41	30	100	DFT-16QAM	L	Inner_1RB_Left	23.17	21.57	33.00	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Right	23.56	21.96	33.00	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	22.39	20.79	33.00	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Left	21.61	20.01	33.00	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Right	22.02	20.42	33.00	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	21.85	20.25	33.00	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Left	19.52	17.92	33.00	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Right	19.91	18.31	33.00	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	19.86	18.26	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	24.17	22.57	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	24.42	22.82	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	23.88	22.28	33.00	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Left	24.20	22.60	33.00	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Right	24.43	22.83	33.00	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	23.35	21.75	33.00	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Left	23.26	21.66	33.00	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Right	23.53	21.93	33.00	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	22.38	20.78	33.00	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Left	21.65	20.05	33.00	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Right	21.92	20.32	33.00	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	21.88	20.28	33.00	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Left	19.60	18.00	33.00	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Right	19.83	18.23	33.00	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	19.85	18.25	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	24.13	22.53	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	24.64	23.04	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	23.85	22.25	33.00	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Left	24.15	22.55	33.00	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Right	24.67	23.07	33.00	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	23.35	21.75	33.00	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Left	23.24	21.64	33.00	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Right	23.71	22.11	33.00	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	22.36	20.76	33.00	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Left	21.72	20.12	33.00	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Right	22.19	20.59	33.00	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	21.87	20.27	33.00	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Left	19.54	17.94	33.00	PASS



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N41	30	100	DFT-256QAM	H	Inner_1RB_Right	20.03	18.43	33.00	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	19.85	18.25	33.00	PASS



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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N41	30	100	DFT-256QAM	L	Outer_Full	6.69	≤13	PASS
N41	30	100	CP-256QAM	L	Outer_Full	6.66	≤13	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	6.68	≤13	PASS
N41	30	100	CP-256QAM	M	Outer_Full	6.66	≤13	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	6.69	≤13	PASS
N41	30	100	CP-256QAM	H	Outer_Full	6.74	≤13	PASS



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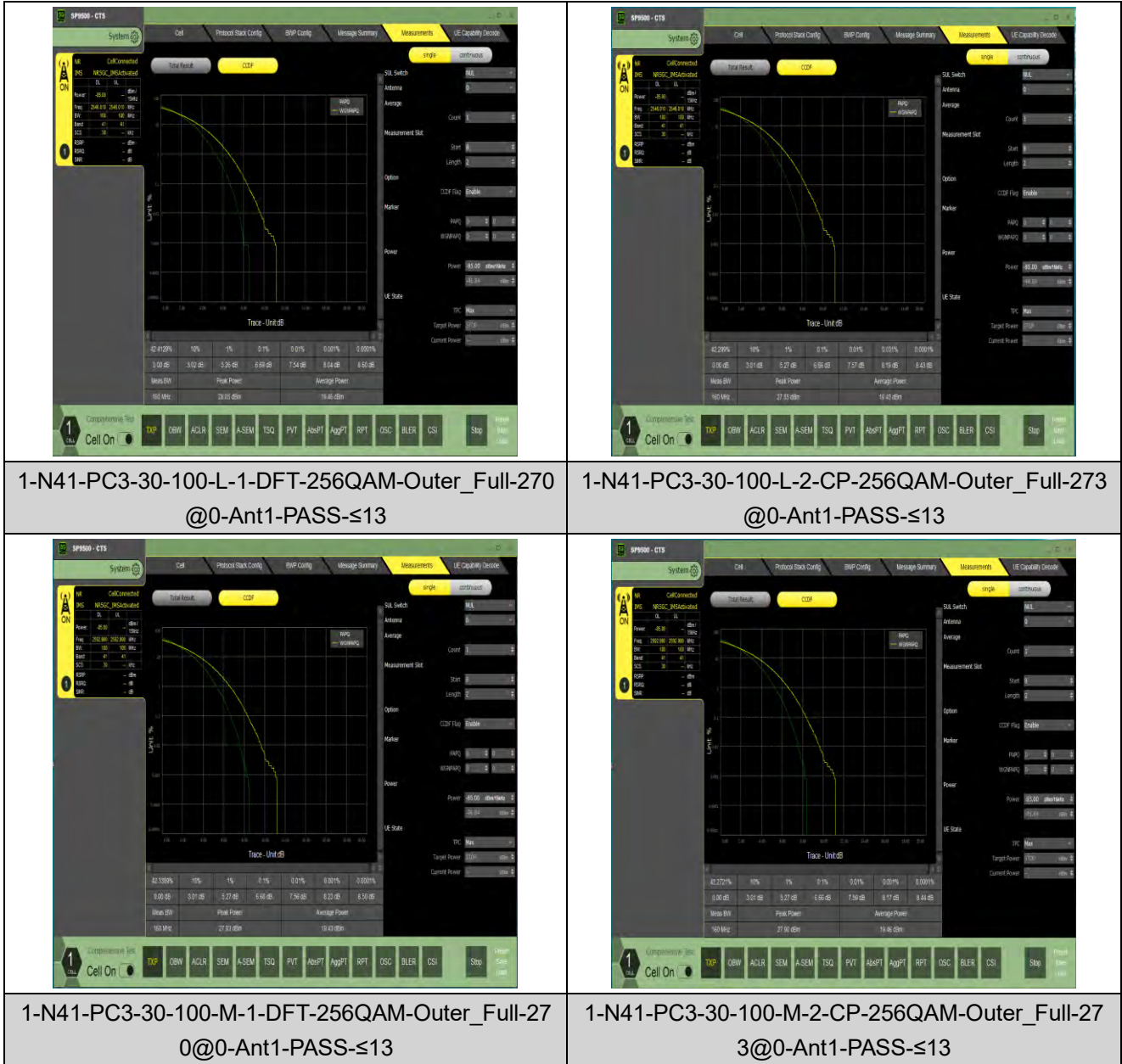
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Test Graphs



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1-N41-PC3-30-100-H-1-DFT-256QAM-Outer_Full-27
0@0-Ant1-PASS-≤13



1-N41-PC3-30-100-H-2-CP-256QAM-Outer_Full-27
3@0-Ant1-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
N41	30	10	DFT-QPSK	M	Outer_Full	8.591	9.820	PASS
N41	30	10	DFT-PI2BPSK	M	Outer_Full	8.626	9.880	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	8.603	9.600	PASS
N41	30	10	DFT-64QAM	M	Outer_Full	8.597	9.760	PASS
N41	30	10	DFT-256QAM	M	Outer_Full	8.624	9.940	PASS
N41	30	10	CP-QPSK	M	Outer_Full	8.59	9.820	PASS
N41	30	10	CP-16QAM	M	Outer_Full	8.599	9.800	PASS
N41	30	10	CP-64QAM	M	Outer_Full	8.594	9.880	PASS
N41	30	10	CP-256QAM	M	Outer_Full	8.567	9.520	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	12.975	14.640	PASS
N41	30	15	DFT-PI2BPSK	M	Outer_Full	12.96	14.490	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	12.974	14.640	PASS
N41	30	15	DFT-64QAM	M	Outer_Full	12.984	14.580	PASS
N41	30	15	DFT-256QAM	M	Outer_Full	12.937	14.430	PASS
N41	30	15	CP-QPSK	M	Outer_Full	13.668	15.420	PASS
N41	30	15	CP-16QAM	M	Outer_Full	13.685	15.510	PASS
N41	30	15	CP-64QAM	M	Outer_Full	13.681	15.360	PASS
N41	30	15	CP-256QAM	M	Outer_Full	13.668	15.390	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.958	19.920	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.908	19.680	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.968	19.680	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.992	19.880	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.936	19.640	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.271	20.320	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.317	20.280	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.234	20.120	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.258	20.280	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.81	28.620	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.794	29.040	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.868	28.620	PASS



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N41	30	30	DFT-64QAM	M	Outer_Full	26.816	28.680	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.871	28.560	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.92	30.060	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.903	30.060	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.859	29.880	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.901	30.060	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	36.039	39.200	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.975	38.880	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.923	38.800	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	36.092	39.040	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.973	39.040	PASS
N41	30	40	CP-QPSK	M	Outer_Full	38.091	40.880	PASS
N41	30	40	CP-16QAM	M	Outer_Full	38.178	41.120	PASS
N41	30	40	CP-64QAM	M	Outer_Full	38.079	40.960	PASS
N41	30	40	CP-256QAM	M	Outer_Full	38.125	41.200	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.898	49.000	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	46.016	49.100	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.978	48.700	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.966	48.900	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.863	48.900	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.54	50.900	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.566	50.500	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.625	50.900	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.708	50.500	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.884	61.320	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	58.046	61.200	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.944	61.200	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.891	61.080	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.906	61.080	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.9	61.320	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.872	61.560	PASS
N41	30	60	CP-64QAM	M	Outer_Full	58.059	61.200	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.911	61.080	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.138	67.620	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.465	68.040	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	64.29	67.760	PASS
N41	30	70	DFT-64QAM	M	Outer_Full	64.204	67.620	PASS



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N41	30	70	DFT-256QAM	M	Outer_Full	64.284	67.620	PASS
N41	30	70	CP-QPSK	M	Outer_Full	67.535	70.980	PASS
N41	30	70	CP-16QAM	M	Outer_Full	67.437	70.980	PASS
N41	30	70	CP-64QAM	M	Outer_Full	67.593	71.960	PASS
N41	30	70	CP-256QAM	M	Outer_Full	67.429	70.700	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.001	80.640	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.183	80.800	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	77.245	80.640	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.103	80.640	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.199	80.960	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.449	80.960	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.448	81.120	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.438	80.960	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.376	80.800	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.602	89.640	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.653	89.640	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.713	89.460	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.695	89.640	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	85.619	89.640	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.416	91.260	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.371	91.260	PASS
N41	30	90	CP-64QAM	M	Outer_Full	87.388	91.260	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.524	91.260	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.242	100.400	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.209	100.200	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.368	100.200	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.279	100.400	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.501	100.200	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.331	101.400	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.461	101.200	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.177	101.400	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.549	101.200	PASS

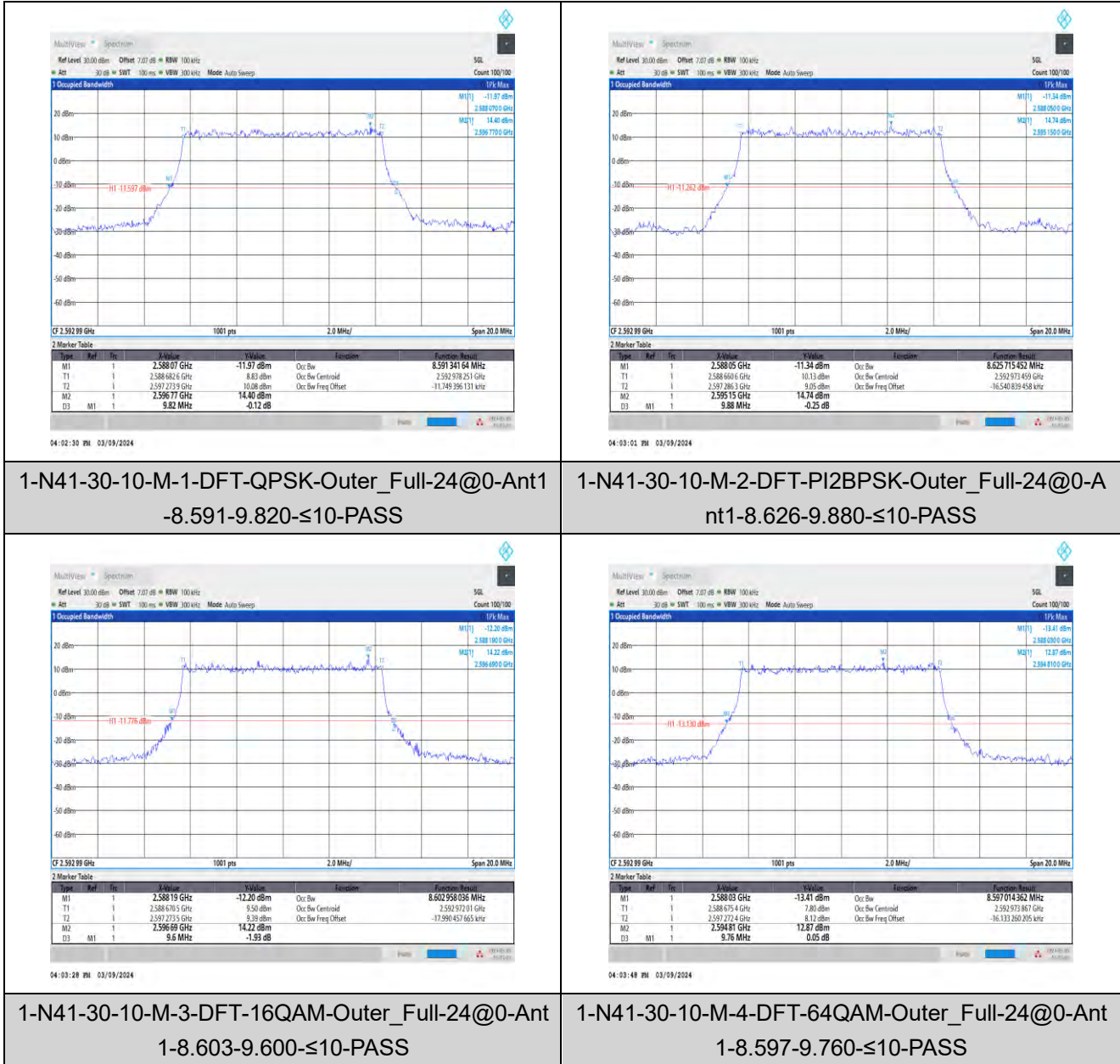


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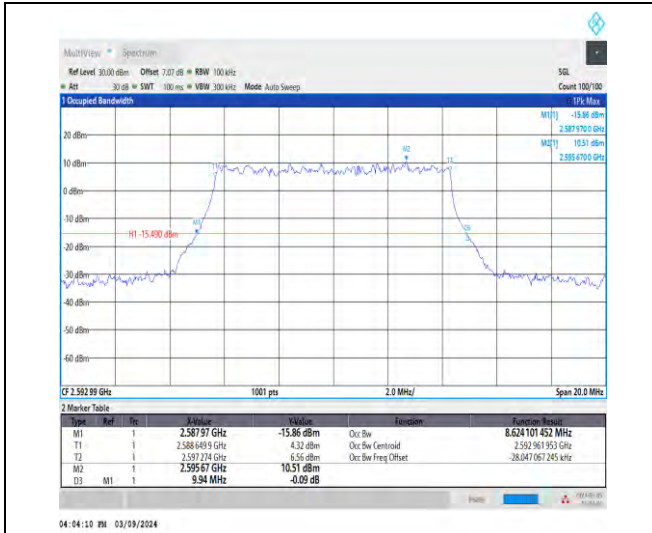
Test Graphs



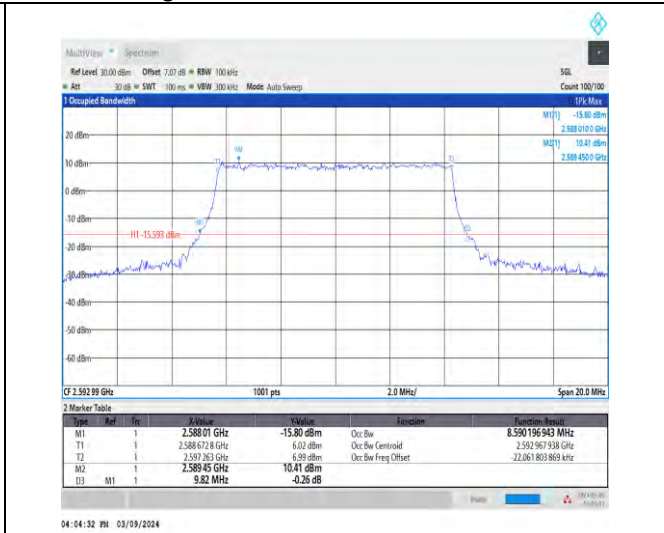
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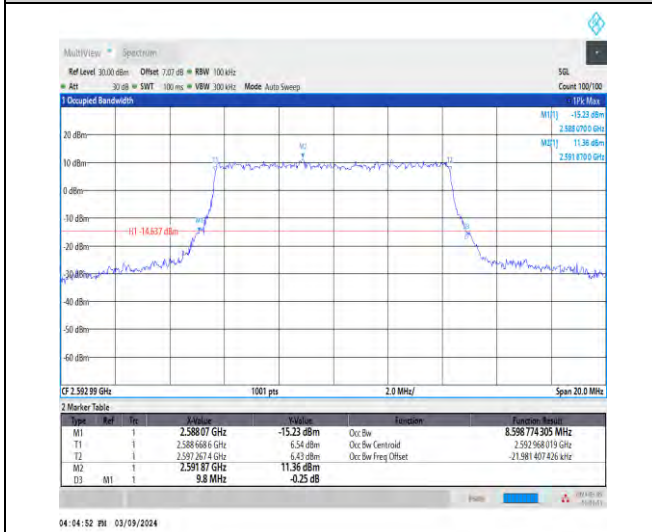
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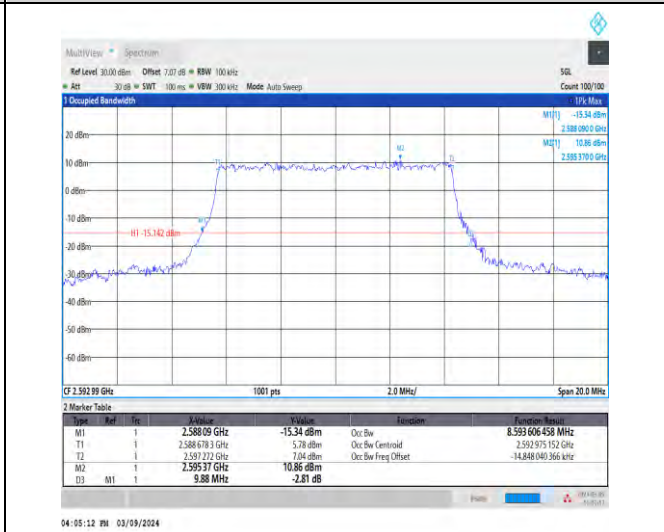
1-N41-30-10-M-5-DFT-256QAM-Outer_Full-24@0-A
nt1-8.624-9.940-≤10-PASS



1-N41-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant1-
8.59-9.820-≤10-PASS



1-N41-30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant
1-8.599-9.800-≤10-PASS



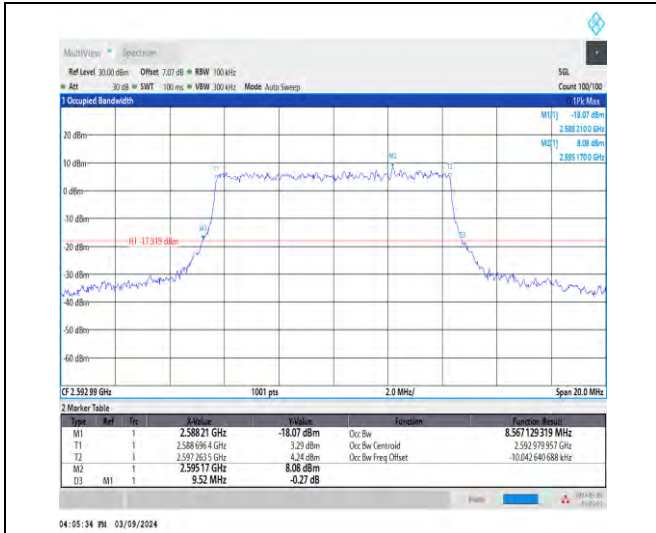
1-N41-30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant1
-8.594-9.880-≤10-PASS



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1-N41-30-10-M-9-CP-256QAM-Outer_Full-24@0-An
t1-8.567-9.520-≤10-PASS



1-N41-30-15-M-1-DFT-QPSK-Outer_Full-36@0-Ant1
-12.975-14.640-≤15-PASS



1-N41-30-15-M-2-DFT-PI2BPSK-Outer_Full-36@0-A
nt1-12.96-14.490-≤15-PASS



1-N41-30-15-M-3-DFT-16QAM-Outer_Full-36@0-Ant
1-12.974-14.640-≤15-PASS



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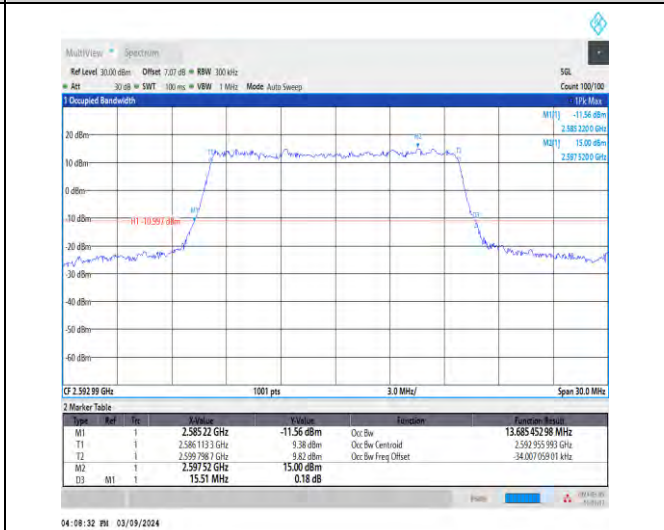
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1-12.984-14.580-≤15-PASS



1-N41-30-15-M-5-DFT-256QAM-Outer_Full-36@0-A
nt1-12.937-14.430-≤15-PASS



1-N41-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant1-
13.668-15.420-≤15-PASS



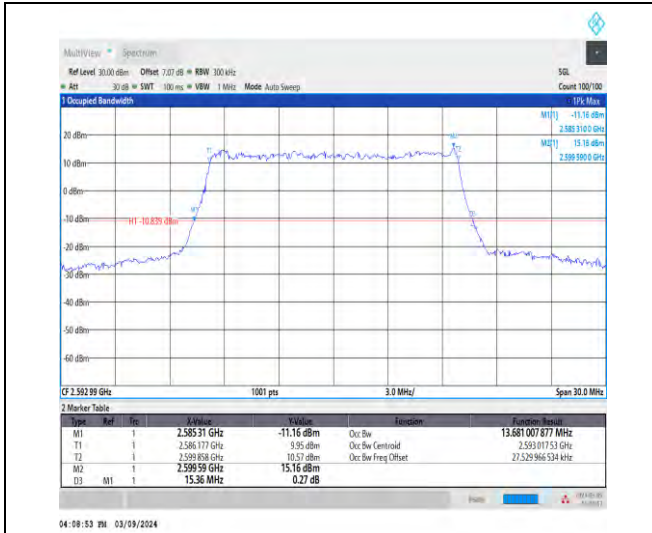
1-N41-30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant1
-13.685-15.510-≤15-PASS



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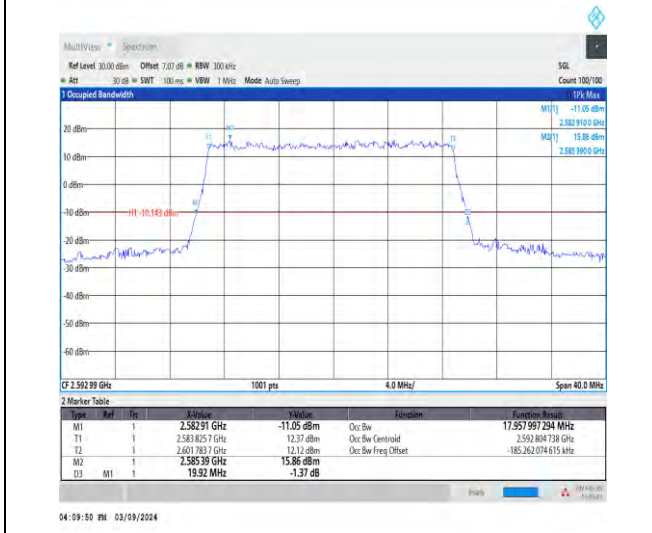
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1-N41-30-15-M-8-CP-64QAM-Outer_Full-38@0-Ant
1-13.681-15.360-≤15-PASS

1-N41-30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant
1-13.668-15.390-≤15-PASS



1-N41-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant1
-17.958-19.920-≤20-PASS

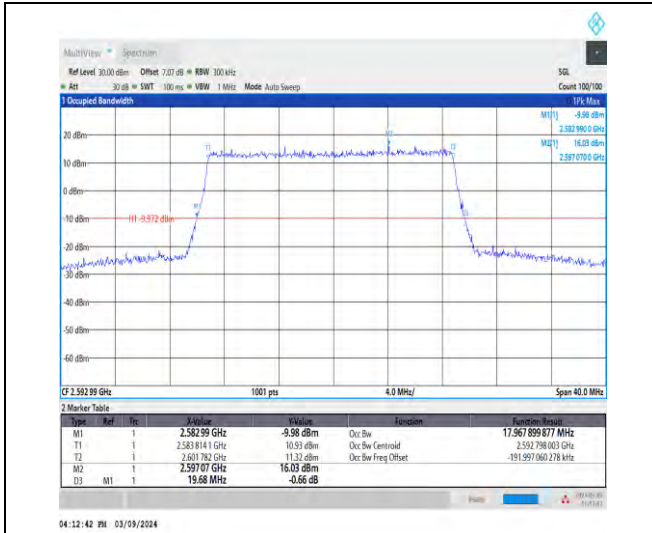
1-N41-30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1
-17.908-19.680-≤20-PASS



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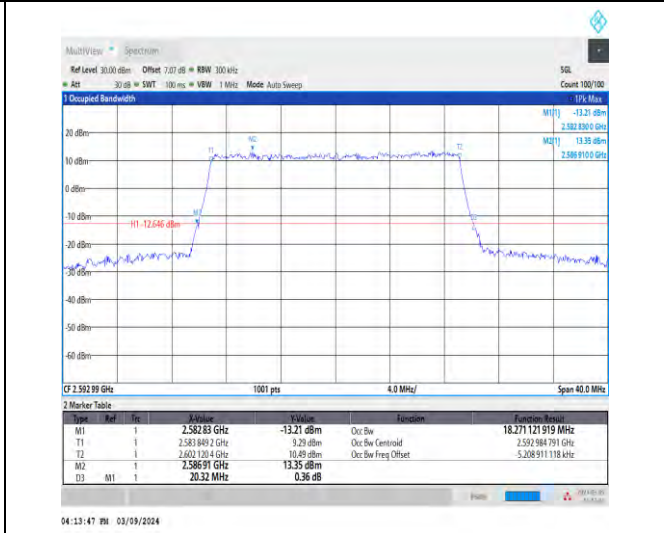
1-N41-30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant
1-17.968-19.680-≤20-PASS



1-N41-30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant
1-17.992-19.880-≤20-PASS



1-N41-30-20-M-5-DFT-256QAM-Outer_Full-50@0-A
nt1-17.936-19.640-≤20-PASS



1-N41-30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant1
18.271-20.320-≤20-PASS



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1-N41-30-20-M-7-CP-16QAM-Outer_Full-51@0-Ant
1-18.317-20.280-≤20-PASS

1-N41-30-20-M-8-CP-64QAM-Outer_Full-51@0-Ant1
-18.234-20.120-≤20-PASS



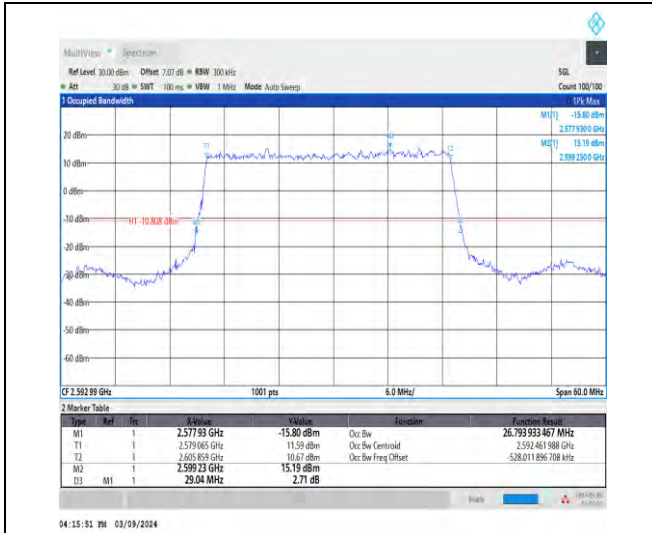
1-N41-30-20-M-9-CP-256QAM-Outer_Full-51@0-An
t1-18.258-20.280-≤20-PASS

1-N41-30-30-M-1-DFT-QPSK-Outer_Full-75@0-Ant1
-26.81-28.620-≤30-PASS



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1-N41-30-30-M-2-DFT-PI2BPSK-Outer_Full-75@0-A
nt1-26.794-29.040-≤30-PASS



1-N41-30-30-M-3-DFT-16QAM-Outer_Full-75@0-Ant
1-26.868-28.620-≤30-PASS



1-N41-30-30-M-4-DFT-64QAM-Outer_Full-75@0-Ant
1-26.816-28.680-≤30-PASS



1-N41-30-30-M-5-DFT-256QAM-Outer_Full-75@0-A
nt1-26.871-28.560-≤30-PASS



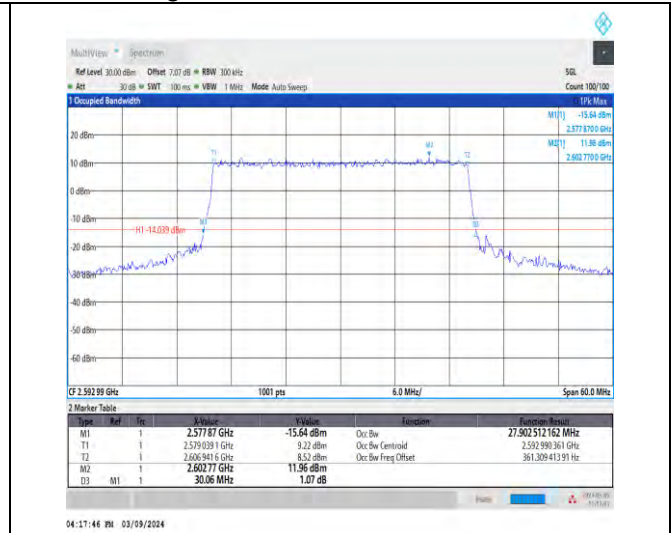
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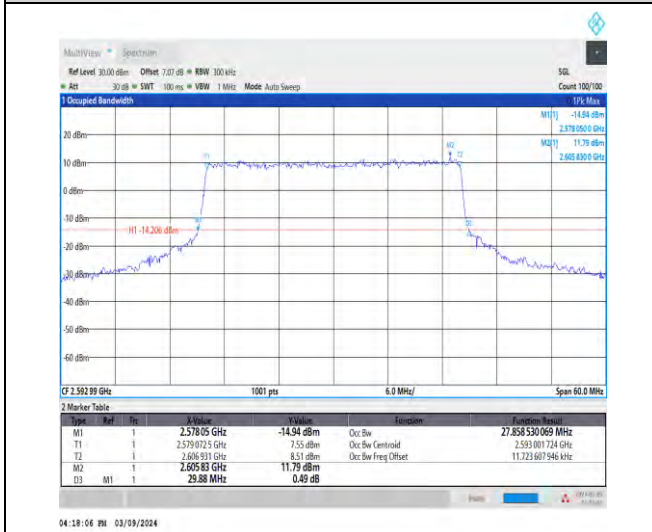
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1-N41-30-30-M-6-CP-QPSK-Outer_Full-78@0-Ant1-27.92-30.060-≤30-PASS



1-N41-30-30-M-7-CP-16QAM-Outer_Full-78@0-Ant1-27.903-30.060-≤30-PASS



1-N41-30-30-M-8-CP-64QAM-Outer_Full-78@0-Ant1-1-27.859-29.880-≤30-PASS

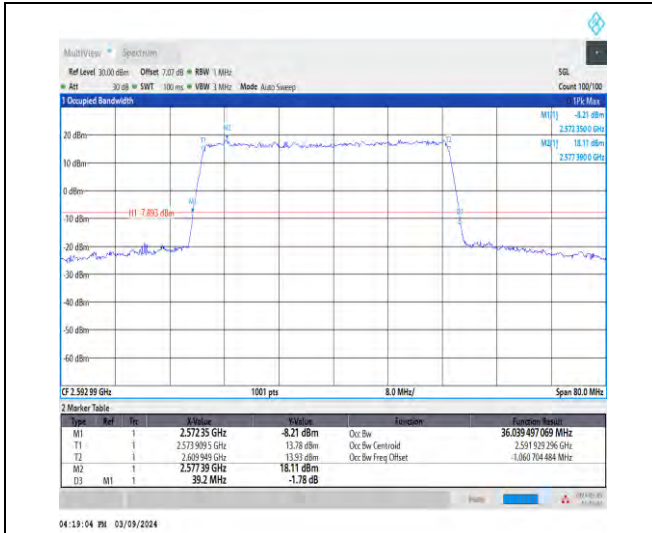


1-N41-30-30-M-9-CP-256QAM-Outer_Full-78@0-Ant1-1-27.901-30.060-≤30-PASS

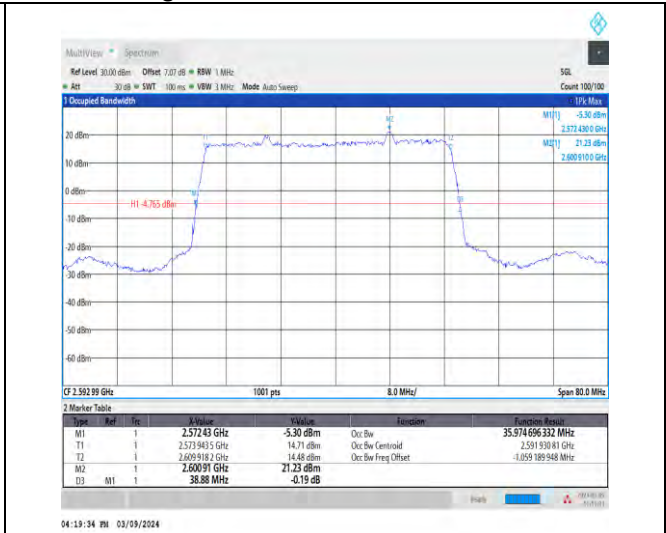


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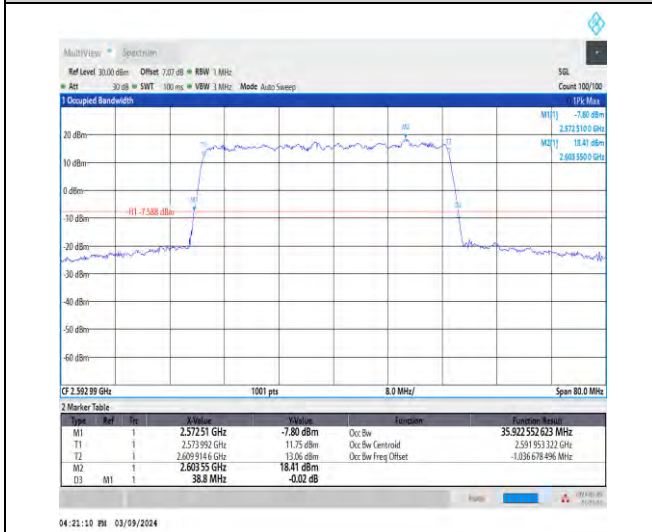
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1-N41-30-40-M-1-DFT-QPSK-Outer_Full-100@0-Ant
1-36.039-39.200-≤40-PASS



1-N41-30-40-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-35.975-38.880-≤40-PASS



1-N41-30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.923-38.800-≤40-PASS



1-N41-30-40-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-36.092-39.040-≤40-PASS



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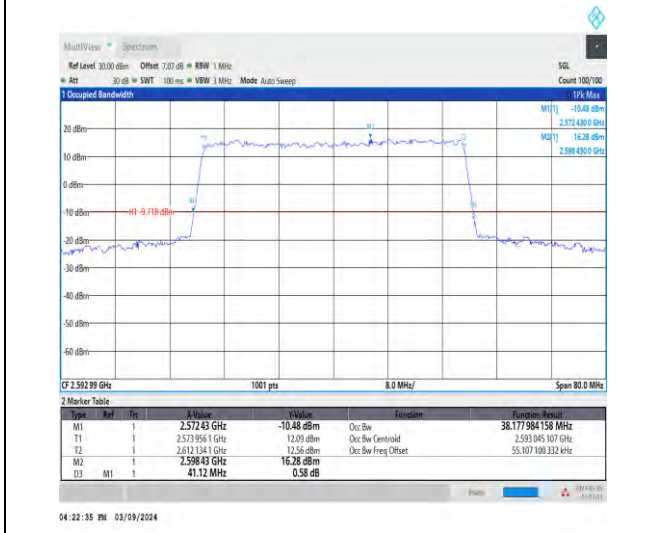
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1-N41-30-40-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-35.973-39.040-≤40-PASS

1-N41-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant1-38.091-40.880-≤40-PASS



1-N41-30-40-M-7-CP-16QAM-Outer_Full-106@0-Ant1-38.178-41.120-≤40-PASS

1-N41-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant1-38.079-40.960-≤40-PASS



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1-N41-30-40-M-9-CP-256QAM-Outer_Full-106@0-A
nt1-38.125-41.200-≤40-PASS



1-N41-30-50-M-1-DFT-QPSK-Outer_Full-128@0-Ant
1-45.898-49.000-≤50-PASS



1-N41-30-50-M-2-DFT-PI2BPSK-Outer_Full-128@0-Ant1
Ant1-46.016-49.100-≤50-PASS



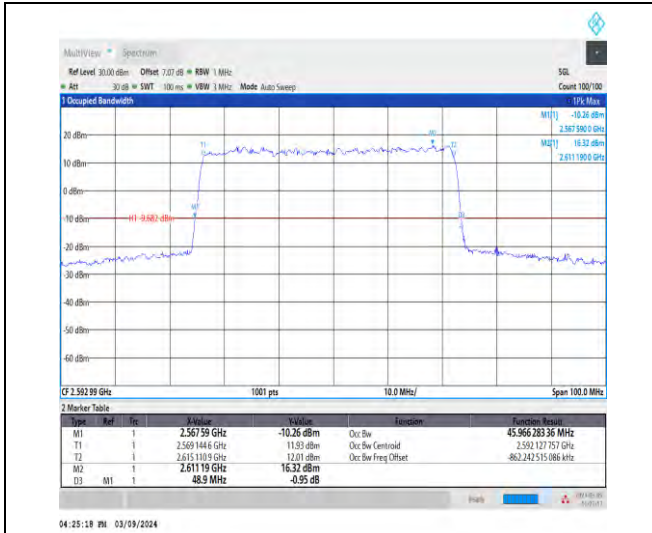
1-N41-30-50-M-3-DFT-16QAM-Outer_Full-128@0-A
nt1-45.978-48.700-≤50-PASS



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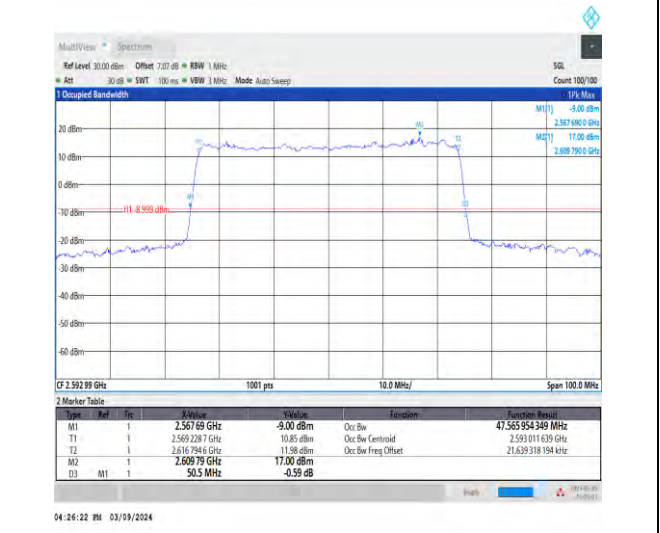
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1-N41-30-50-M-4-DFT-64QAM-Outer_Full-128@0-Ant1-45.966-48.900-≤50-PASS

1-N41-30-50-M-5-DFT-256QAM-Outer_Full-128@0-Ant1-45.863-48.900-≤50-PASS



1-N41-30-50-M-6-CP-QPSK-Outer_Full-133@0-Ant1-47.54-50.900-≤50-PASS

1-N41-30-50-M-7-CP-16QAM-Outer_Full-133@0-Ant1-47.566-50.500-≤50-PASS



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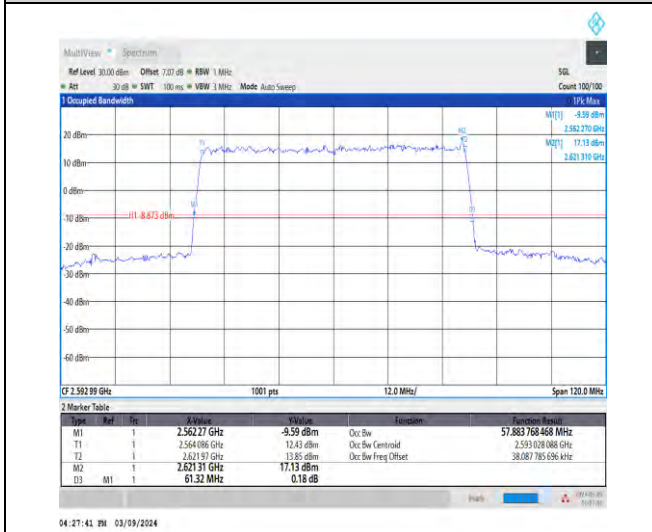
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1-N41-30-50-M-8-CP-64QAM-Outer_Full-133@0-An t1-47.625-50.900-<=50-PASS

1-N41-30-50-M-9-CP-256QAM-Outer_Full-133@0-A nt1-47.708-50.500-<=50-PASS



1-N41-30-60-M-1-DFT-QPSK-Outer_Full-162@0-Ant 1-57.884-61.320-<=60-PASS

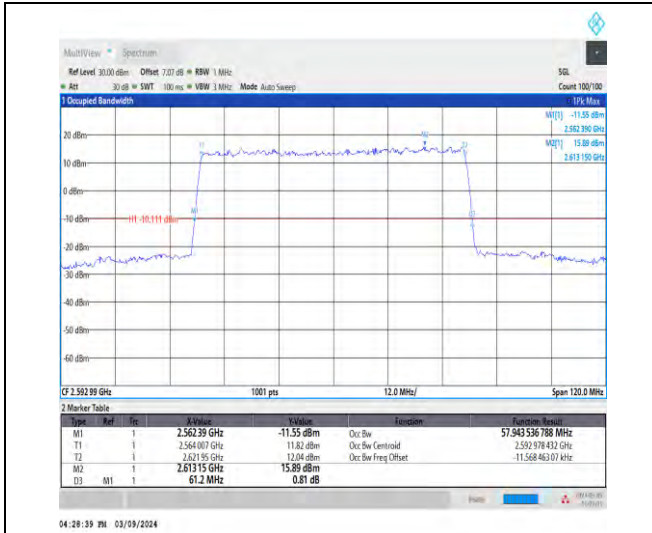
1-N41-30-60-M-2-DFT-PI2BPSK-Outer_Full-162@0-Ant1-58.046-61.200-<=60-PASS



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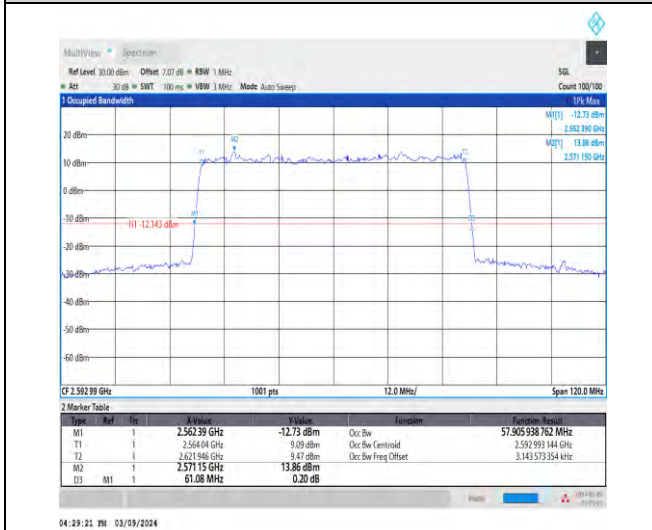
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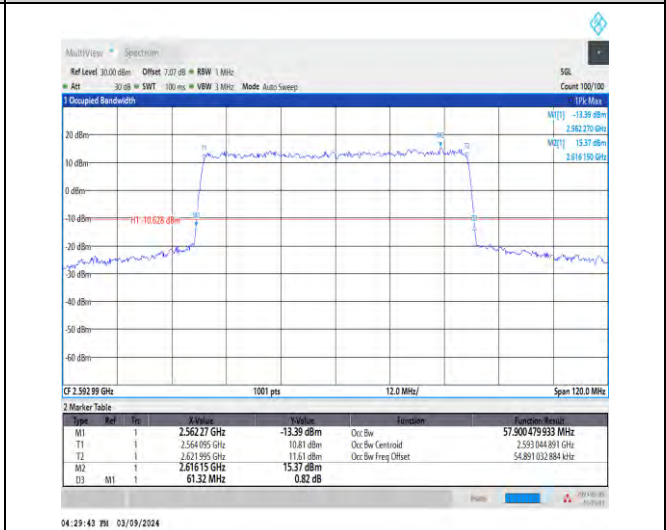
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nt1-57.944-61.200-≤60-PASS



1-N41-30-60-M-4-DFT-64QAM-Outer_Full-162@0-A
nt1-57.891-61.080-≤60-PASS



1-N41-30-60-M-5-DFT-256QAM-Outer_Full-162@0-A
Ant1-57.906-61.080-≤60-PASS



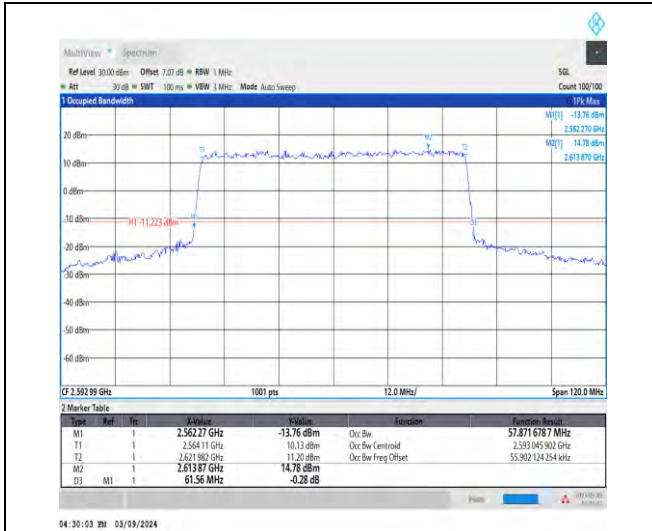
1-N41-30-60-M-6-CP-QPSK-Outer_Full-162@0-Ant1
-57.9-61.320-≤60-PASS



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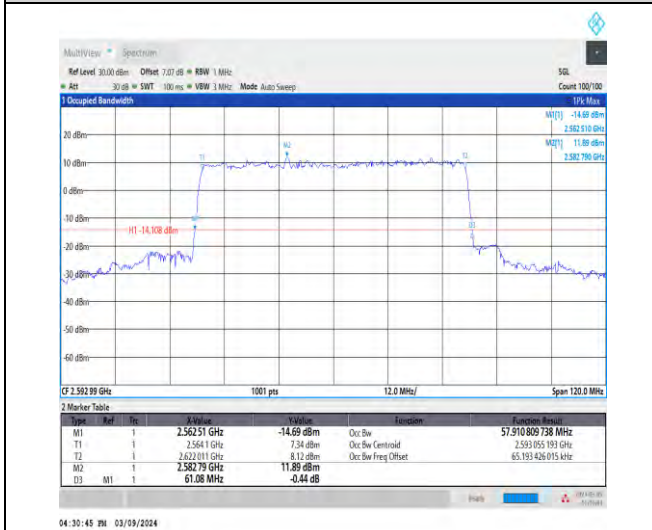
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1-N41-30-60-M-7-CP-16QAM-Outer_Full-162@0-An
t1-57.872-61.560-<60-PASS

1-N41-30-60-M-8-CP-64QAM-Outer_Full-162@0-Ant
1-58.059-61.200-<60-PASS



1-N41-30-60-M-9-CP-256QAM-Outer_Full-162@0-A
nt1-57.911-61.080-<60-PASS

1-N41-30-70-M-1-DFT-QPSK-Outer_Full-180@0-Ant
1-64.138-67.620-<70-PASS



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1-N41-30-70-M-2-DFT-PI2BPSK-Outer_Full-180@0-Ant1-64.465-68.040-≤70-PASS



1-N41-30-70-M-3-DFT-16QAM-Outer_Full-180@0-Ant1-64.29-67.760-≤70-PASS



1-N41-30-70-M-4-DFT-64QAM-Outer_Full-180@0-Ant1-64.204-67.620-≤70-PASS



1-N41-30-70-M-5-DFT-256QAM-Outer_Full-180@0-Ant1-64.284-67.620-≤70-PASS



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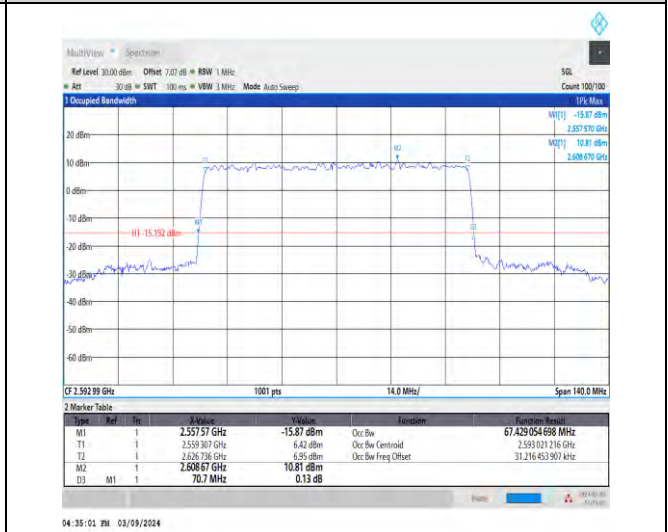
1-N41-30-70-M-6-CP-QPSK-Outer_Full-189@0-Ant1
-67.535-70.980-≤70-PASS



1-N41-30-70-M-7-CP-16QAM-Outer_Full-189@0-Ant1
-67.437-70.980-≤70-PASS



1-N41-30-70-M-8-CP-64QAM-Outer_Full-189@0-Ant1
t1-67.593-71.960-≤70-PASS



1-N41-30-70-M-9-CP-256QAM-Outer_Full-189@0-Ant1
t1-67.429-70.700-≤70-PASS



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1-N41-30-80-M-1-DFT-QPSK-Outer_Full-216@0-Ant
1-77.001-80.640-≤80-PASS



1-N41-30-80-M-2-DFT-PI2BPSK-Outer_Full-216@0-Ant
1-77.183-80.800-≤80-PASS



1-N41-30-80-M-3-DFT-16QAM-Outer_Full-216@0-Ant
1-77.245-80.640-≤80-PASS



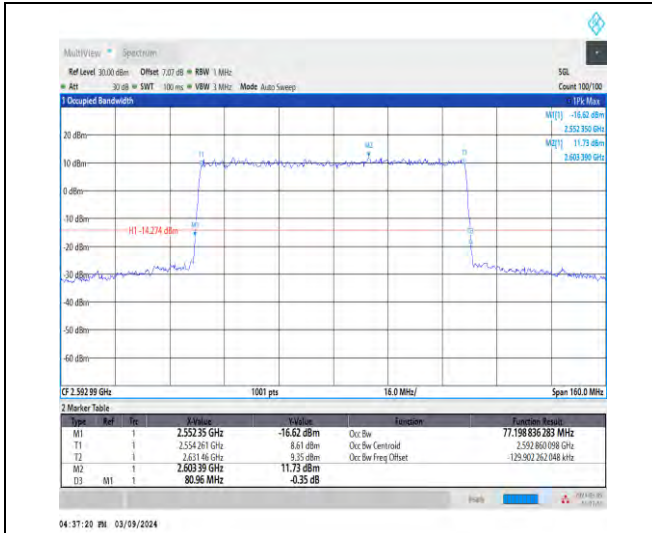
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1-77.103-80.640-≤80-PASS



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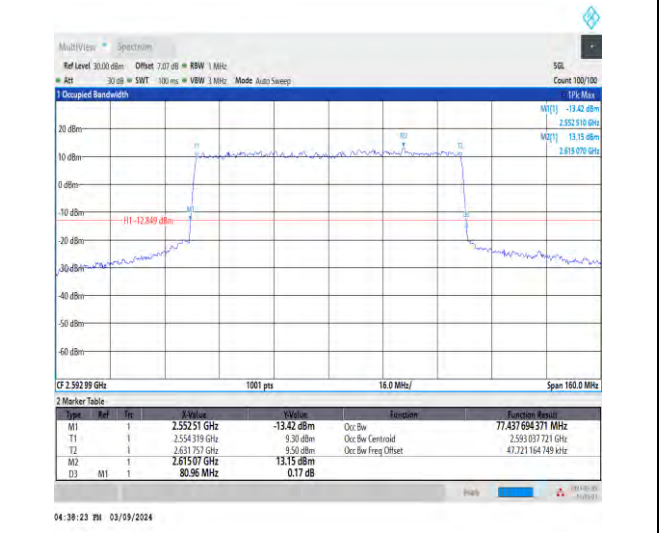
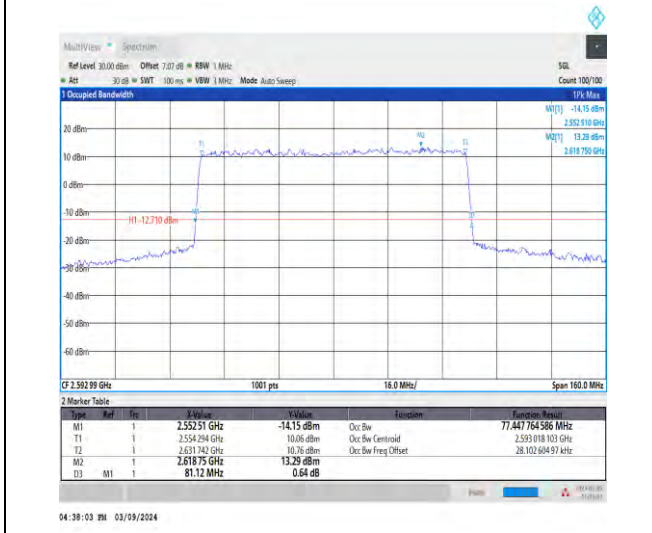
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1-N41-30-80-M-5-DFT-256QAM-Outer_Full-216@0-Ant1-77.199-80.960-<=80-PASS

1-N41-30-80-M-6-CP-QPSK-Outer_Full-217@0-Ant1-77.449-80.960-<=80-PASS



1-N41-30-80-M-7-CP-16QAM-Outer_Full-217@0-Ant1-77.448-81.120-<=80-PASS

1-N41-30-80-M-8-CP-64QAM-Outer_Full-217@0-Ant1-77.438-80.960-<=80-PASS



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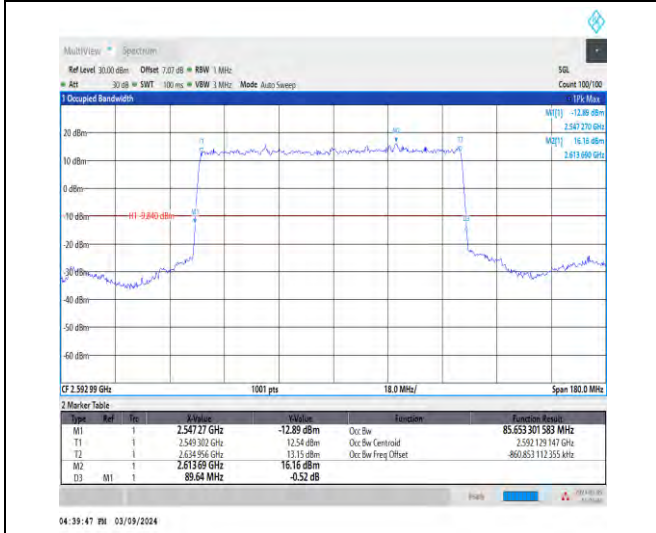
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1-N41-30-80-M-9-CP-256QAM-Outer_Full-217@0-A
nt1-77.376-80.800-≤80-PASS



1-N41-30-90-M-1-DFT-QPSK-Outer_Full-240@0-Ant
1-85.602-89.640-≤90-PASS



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1-85.653-89.640-≤90-PASS



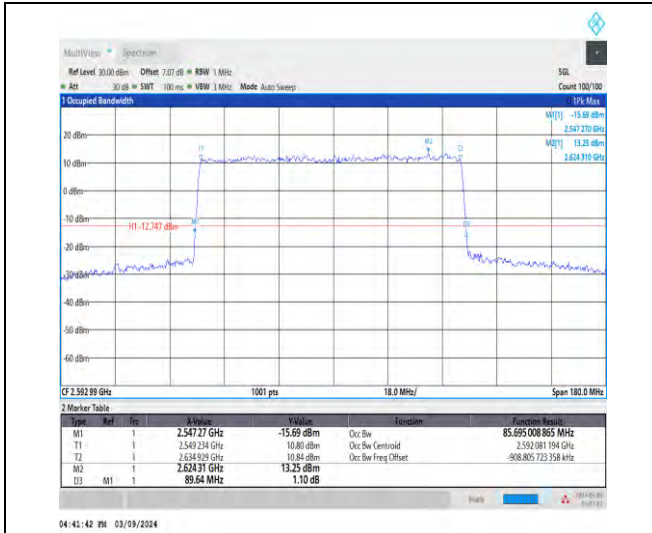
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nt1-85.713-89.460-≤90-PASS



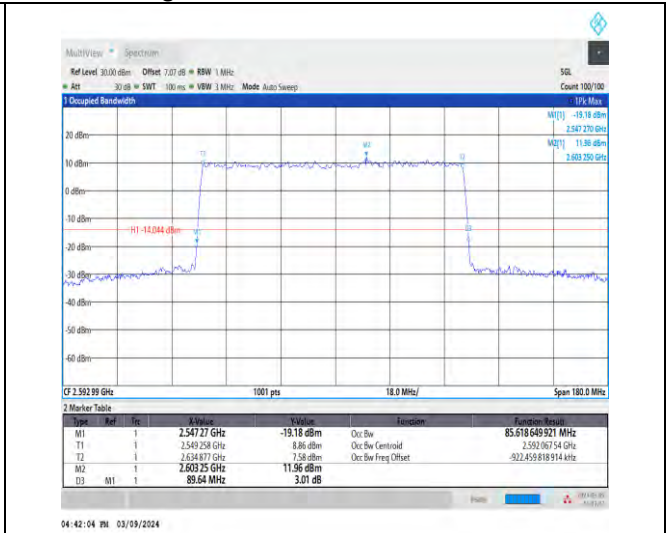
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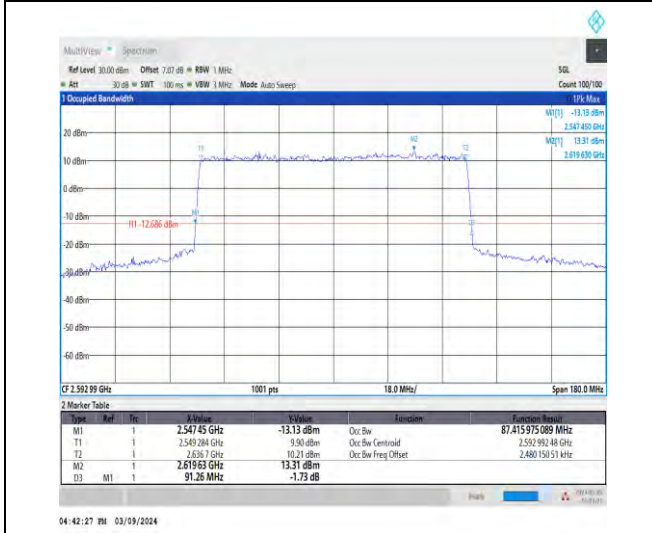
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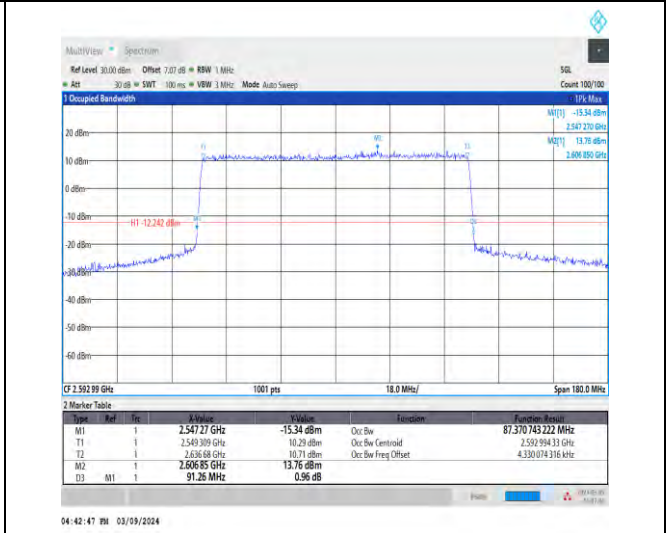
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1-N41-30-90-M-5-DFT-256QAM-Outer_Full-240@0-Ant1-85.619-89.640-≤90-PASS



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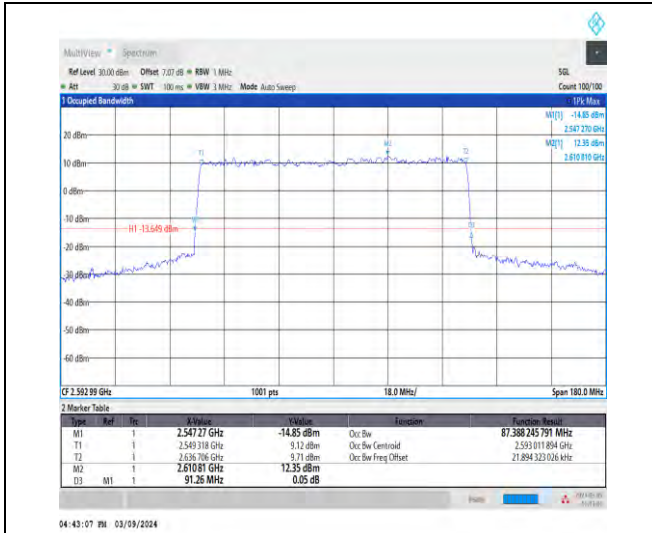
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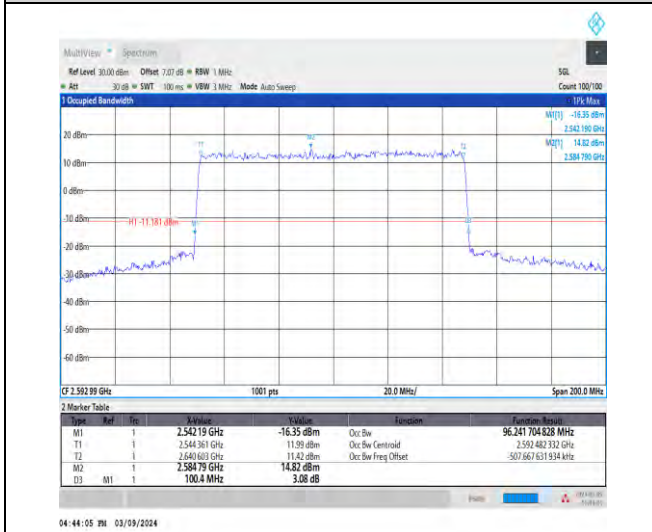
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1-N41-30-90-M-8-CP-64QAM-Outer_Full-245@0-An t1-87.388-91.260-<90-PASS

1-N41-30-90-M-9-CP-256QAM-Outer_Full-245@0-A nt1-87.524-91.260-<90-PASS



1-N41-30-100-M-1-DFT-QPSK-Outer_Full-270@0-A nt1-96.242-100.400-<=100-PASS

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1-N41-30-100-M-4-DFT-64QAM-Outer_Full-270@0-Ant1-96.279-100.400-≤100-PASS



1-N41-30-100-M-5-DFT-256QAM-Outer_Full-270@0-Ant1-96.501-100.200-≤100-PASS

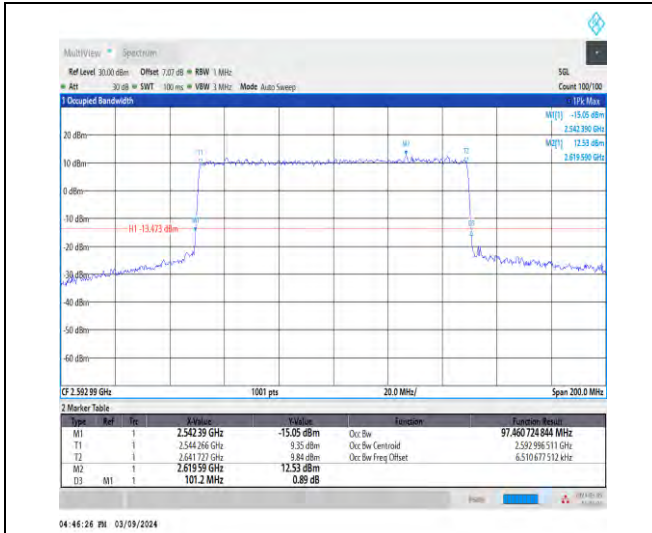
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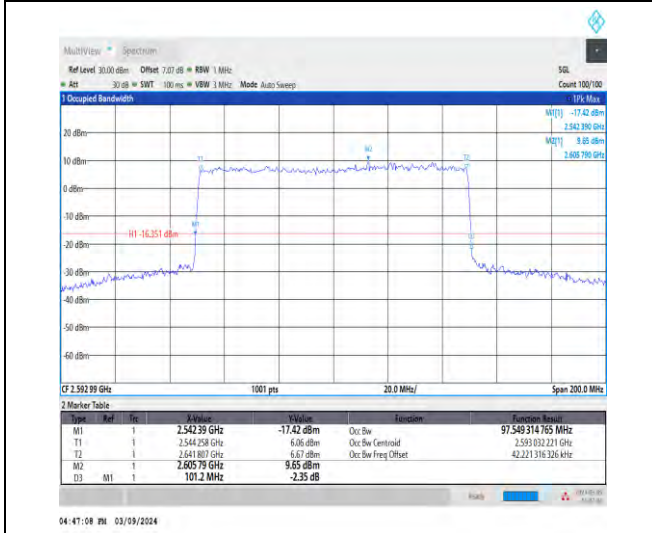
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1-N41-30-100-M-7-CP-16QAM-Outer_Full-273@0-A
Ant1-97.461-101.200-≤100-PASS



1-N41-30-100-M-8-CP-64QAM-Outer_Full-273@0-A
Ant1-97.177-101.400-≤100-PASS



1-N41-30-100-M-9-CP-256QAM-Outer_Full-273@0-A
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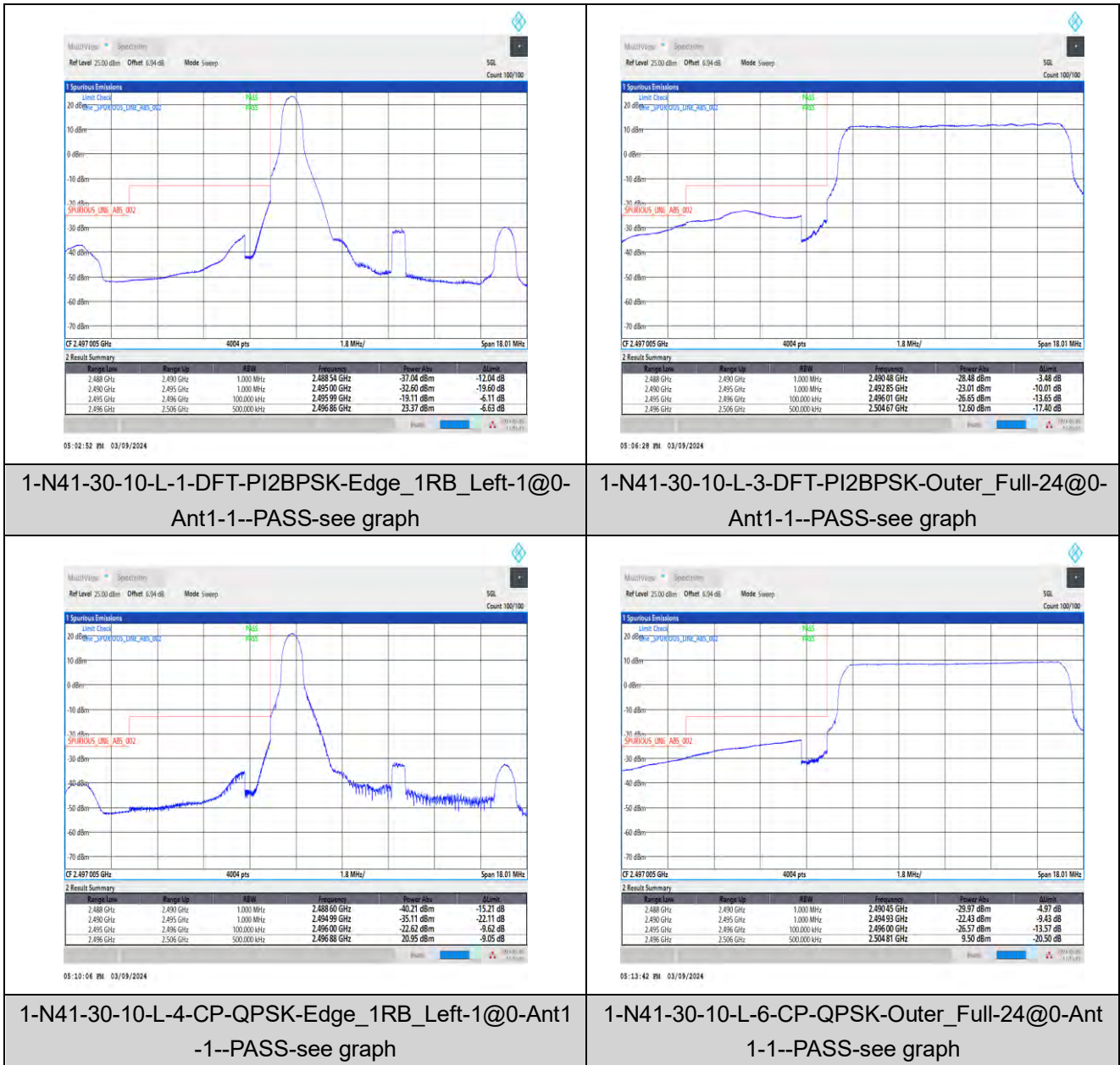


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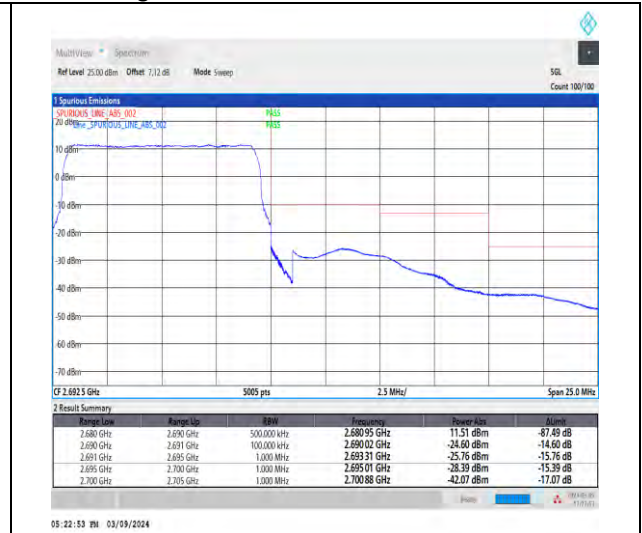
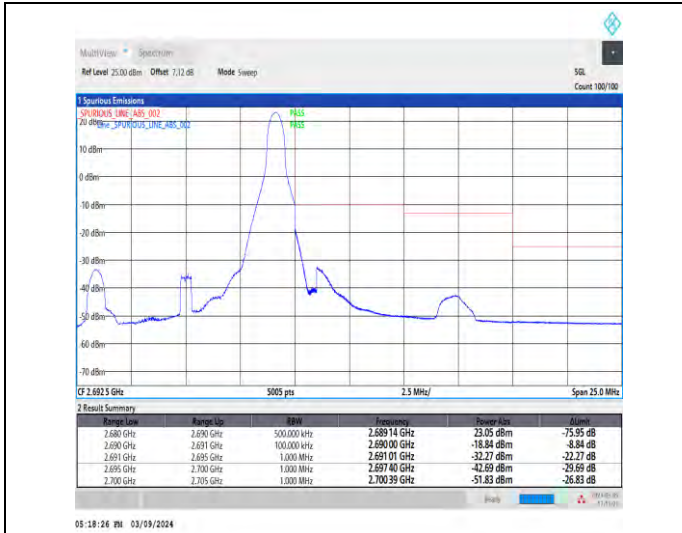
Band Edge for SA

Test Graphs



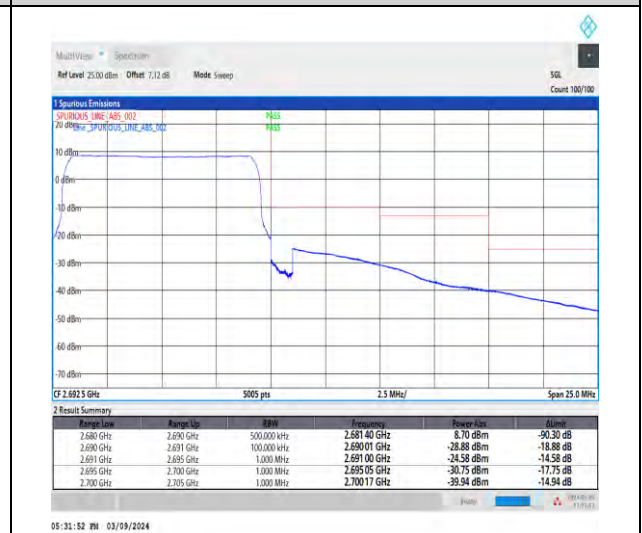
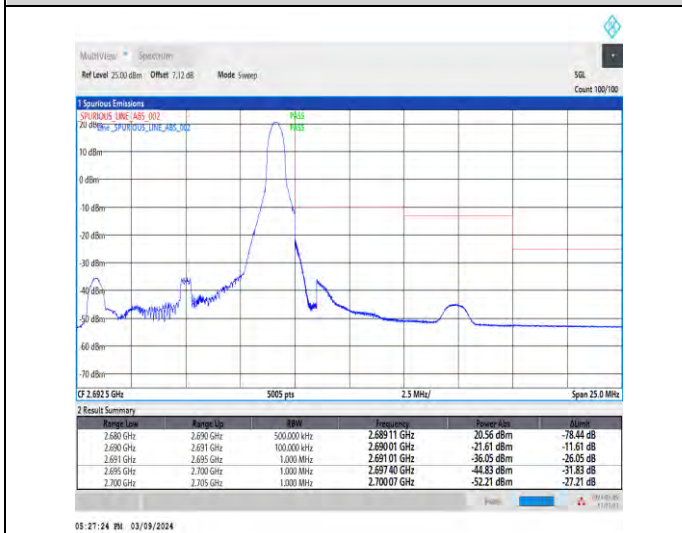
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1-N41-30-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@23-Ant1-1--PASS-see graph

1-N41-30-10-H-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



1-N41-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant1-1--PASS-see graph

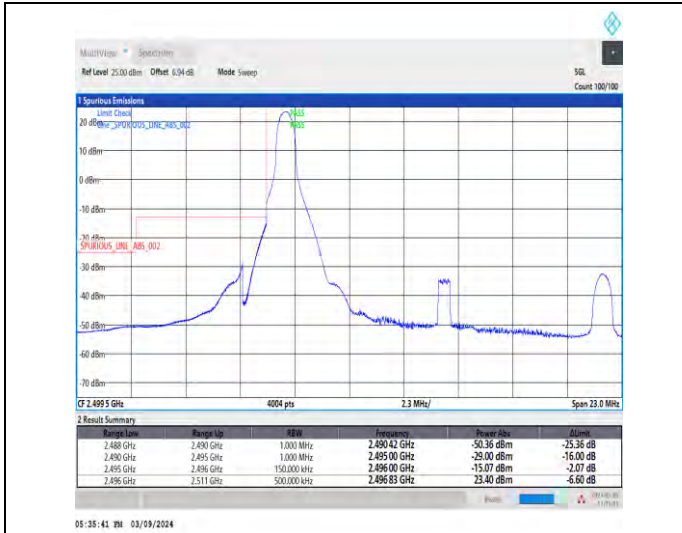
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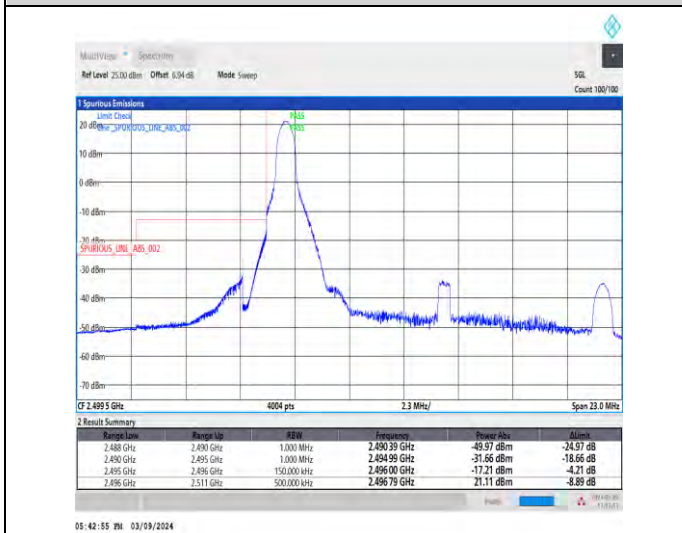
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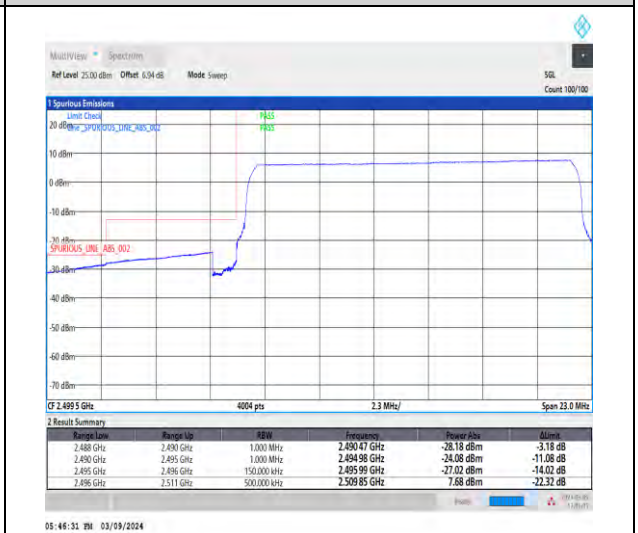
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1-N41-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



1-N41-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

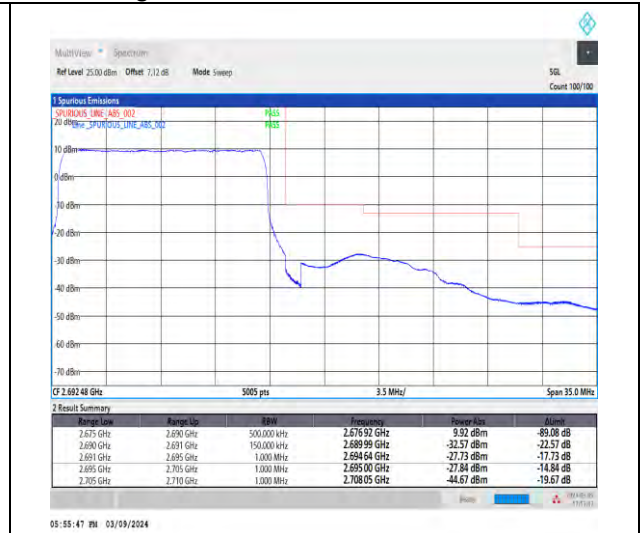
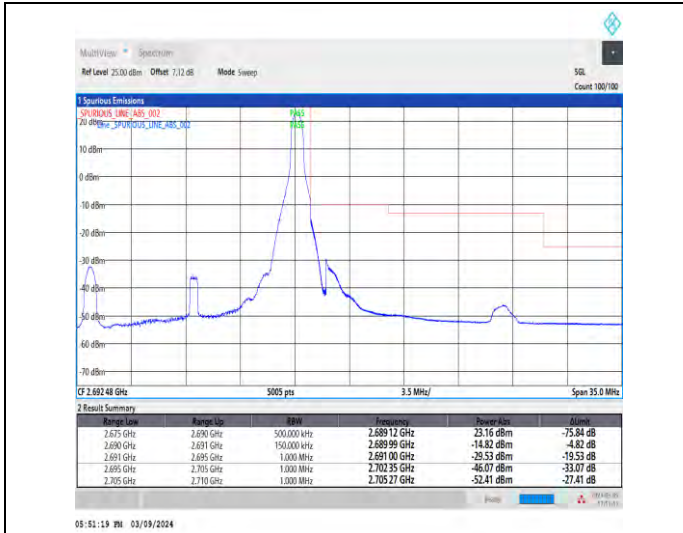


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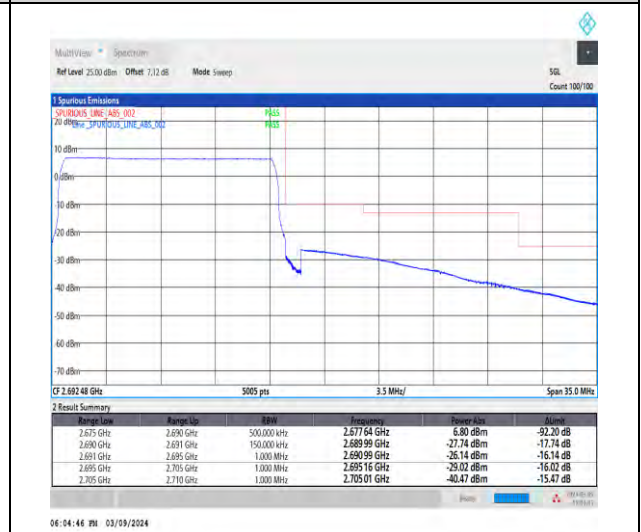
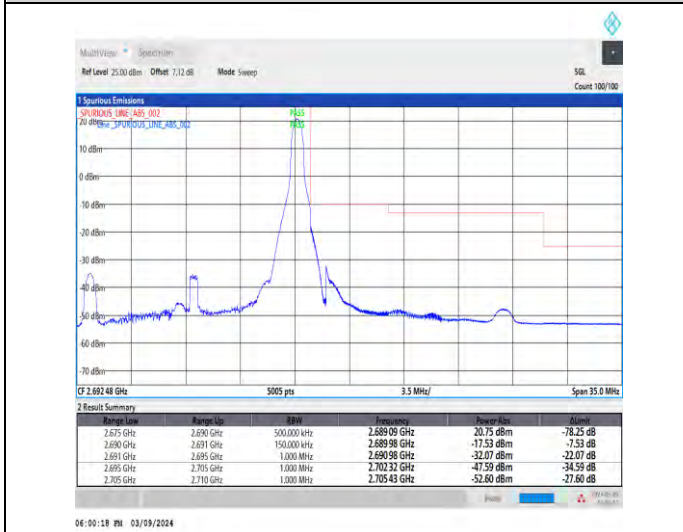
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1-N41-30-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@37-Ant1-1--PASS-see graph

1-N41-30-15-H-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



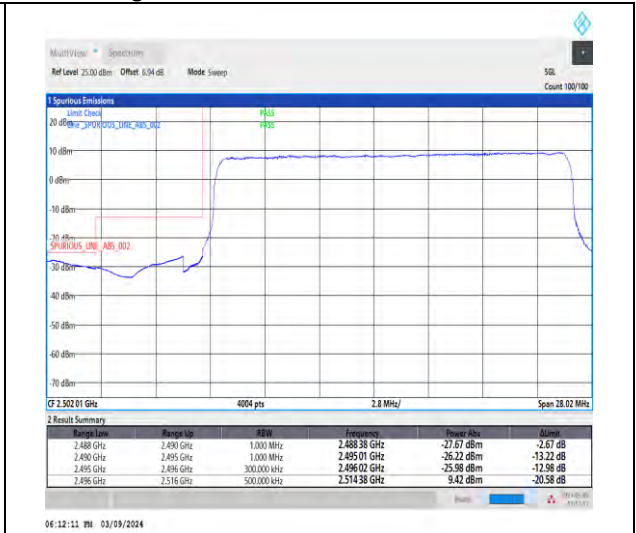
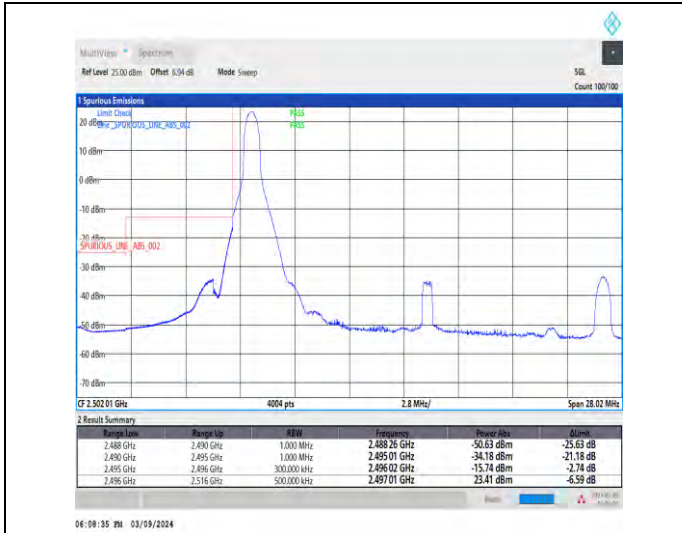
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1-N41-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph



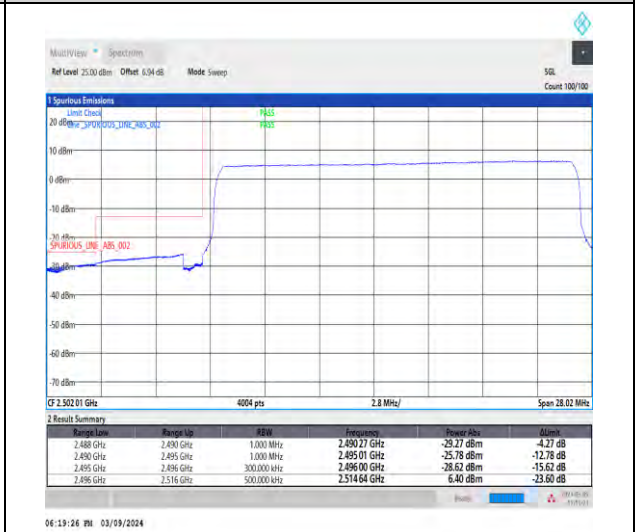
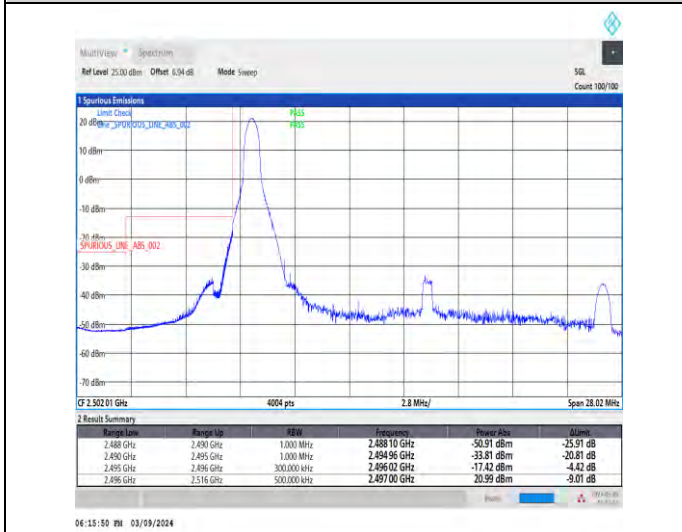
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1-N41-30-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N41-30-20-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



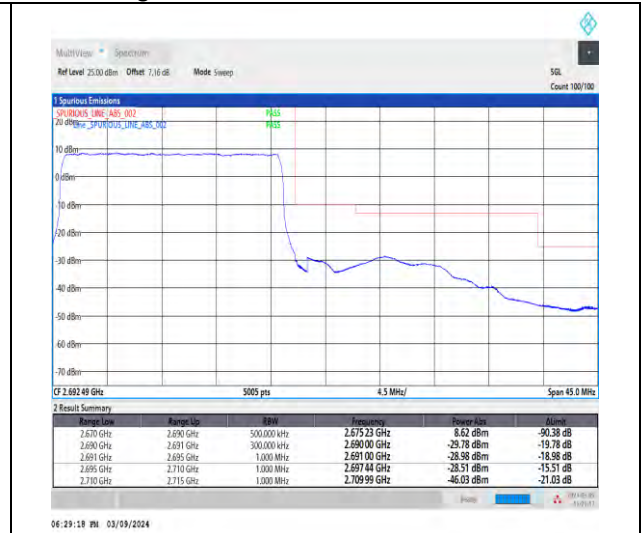
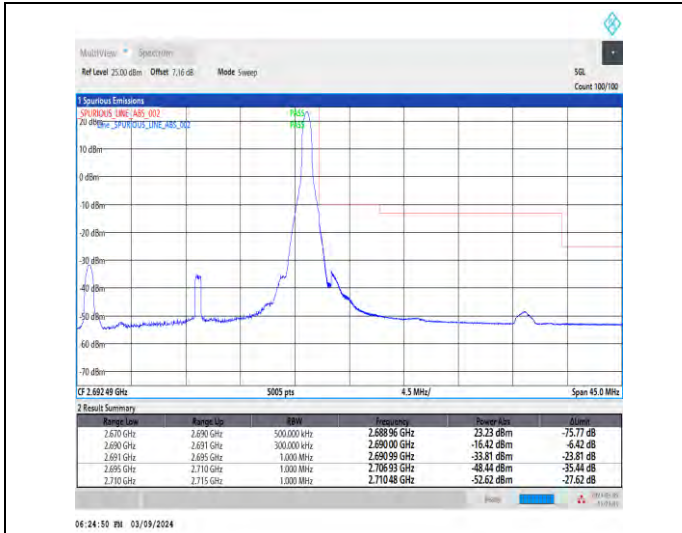
1-N41-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N41-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant1-1--PASS-see graph



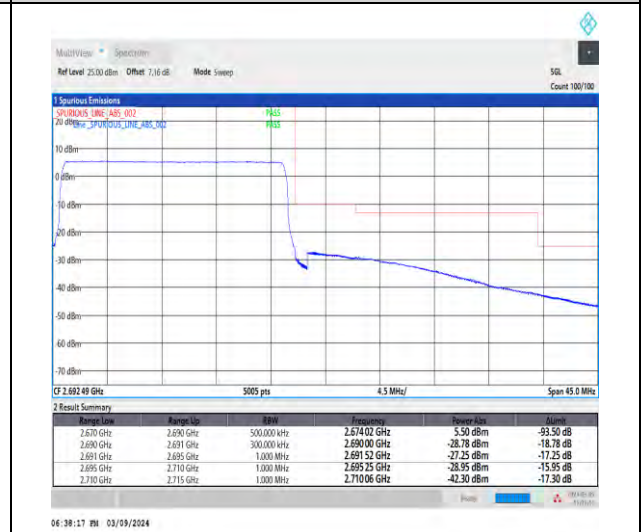
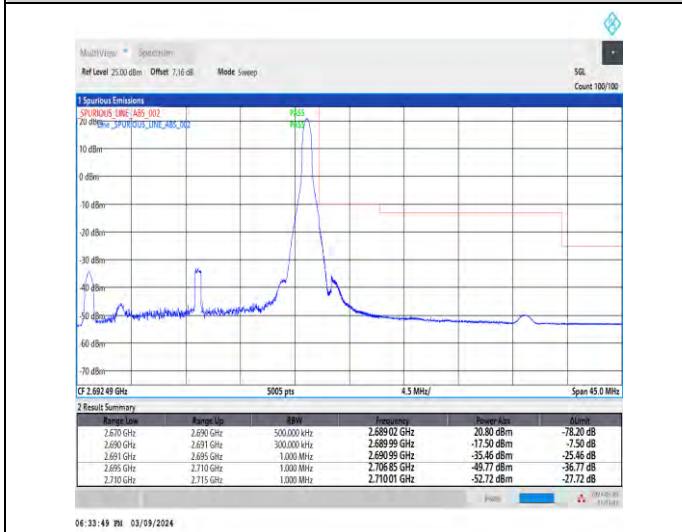
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1-N41-30-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@50-Ant1-1--PASS-see graph

1-N41-30-20-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



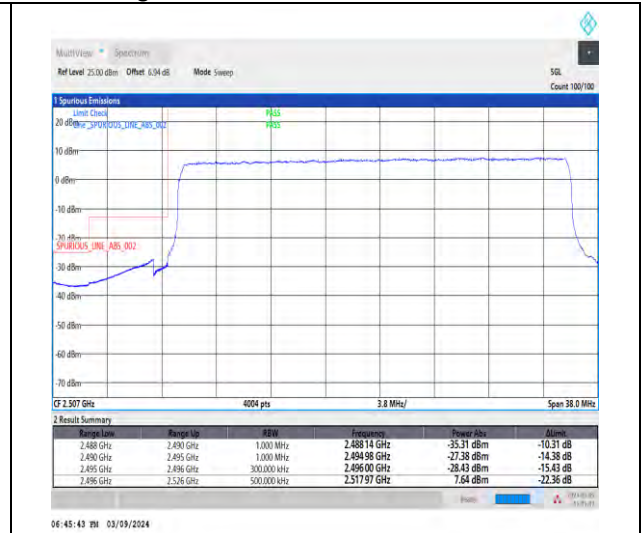
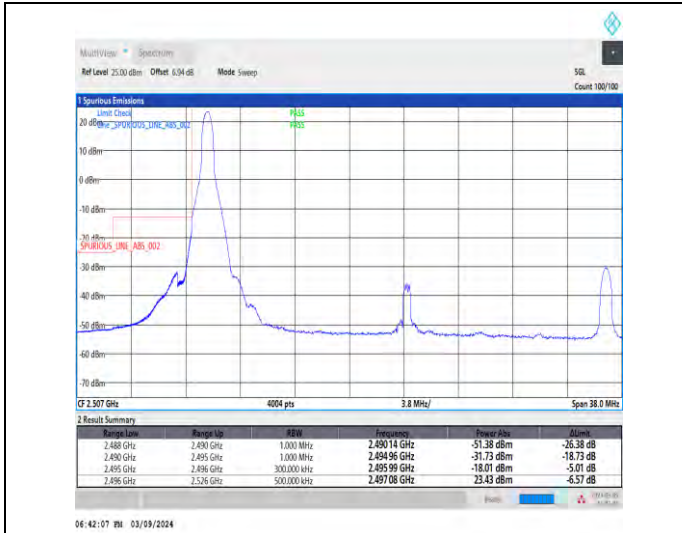
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1-N41-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant1-1--PASS-see graph



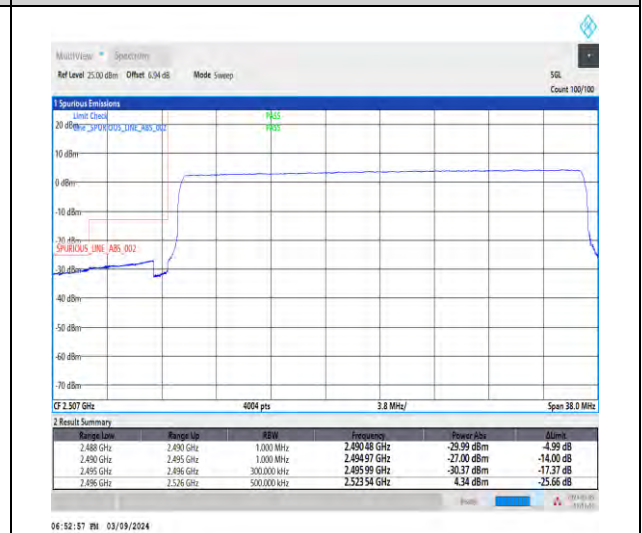
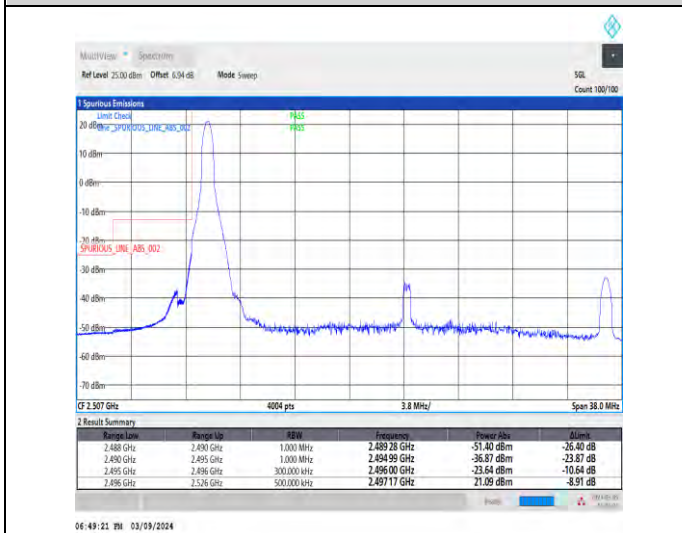
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1-N41-30-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N41-30-30-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N41-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

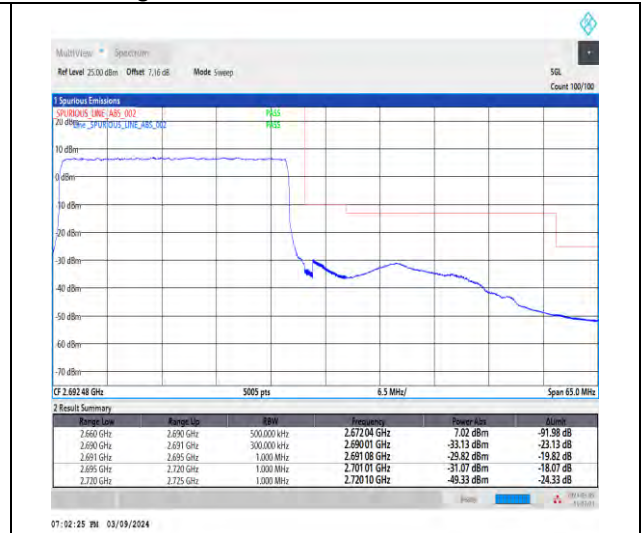
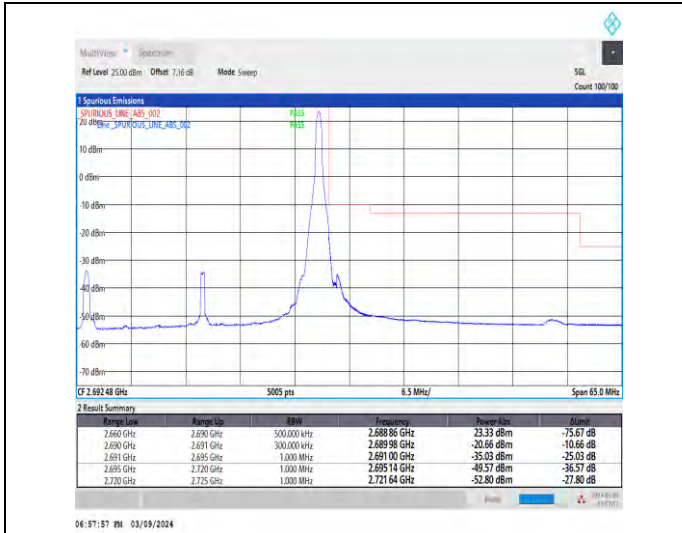
1-N41-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph



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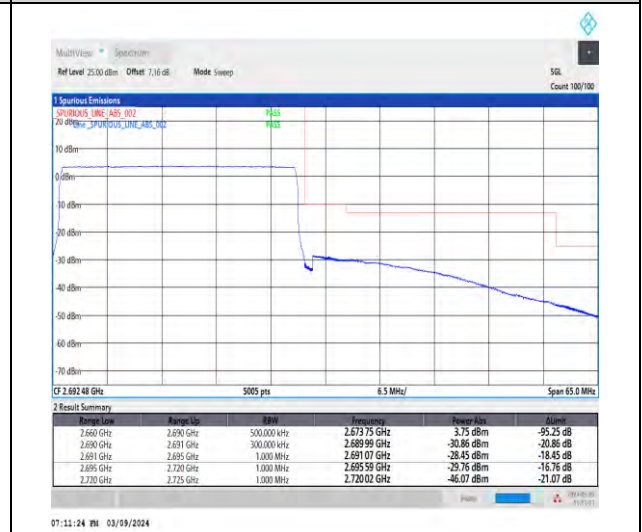
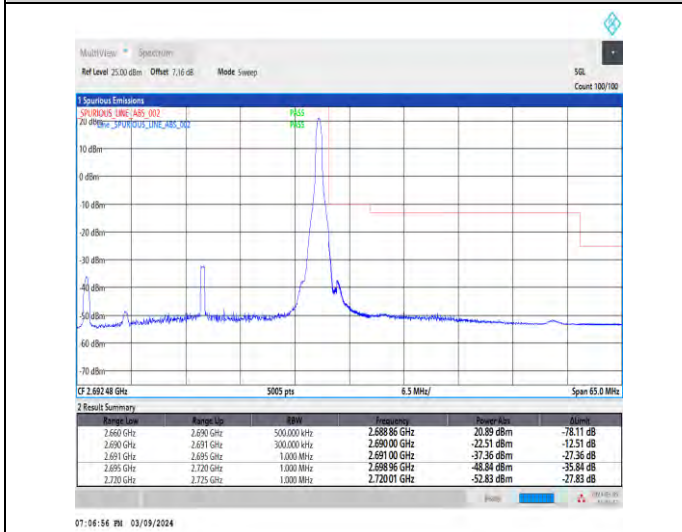
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1-N41-30-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@77-Ant1-1--PASS-see graph

1-N41-30-30-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N41-30-30-H-5-CP-QPSK-Edge_1RB_Right-1@77-Ant1-1--PASS-see graph

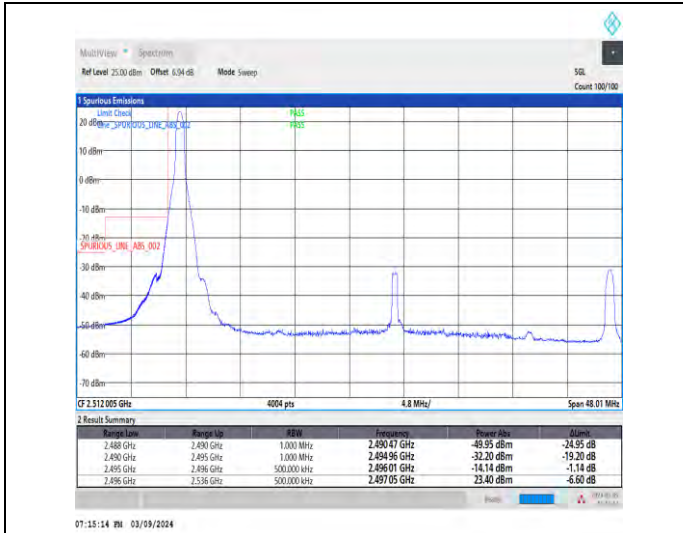
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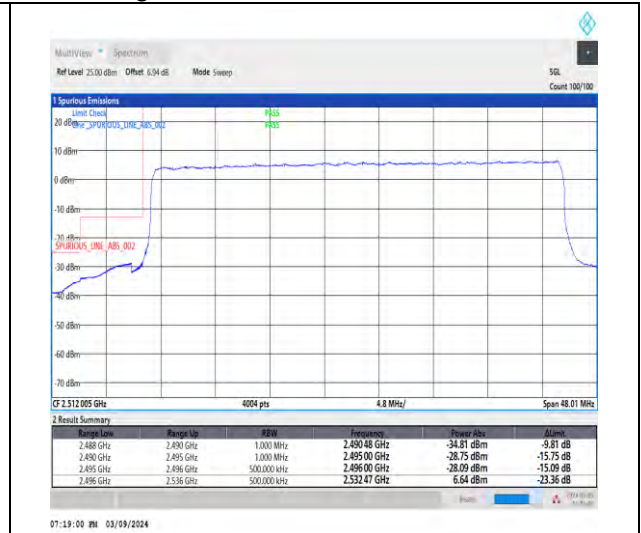
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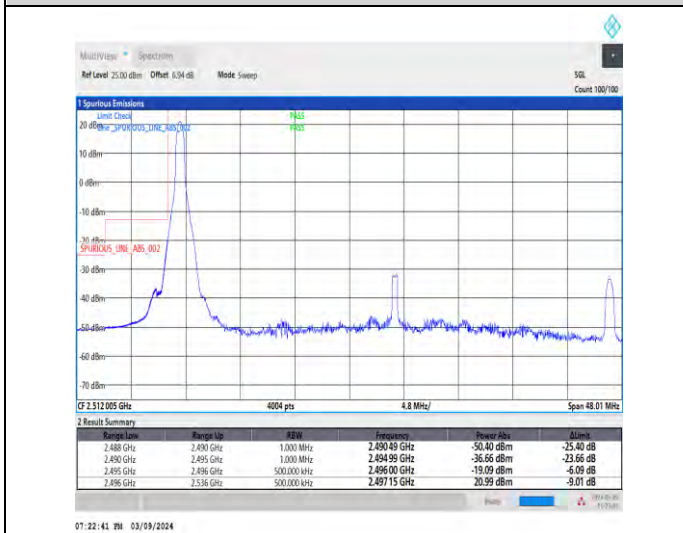
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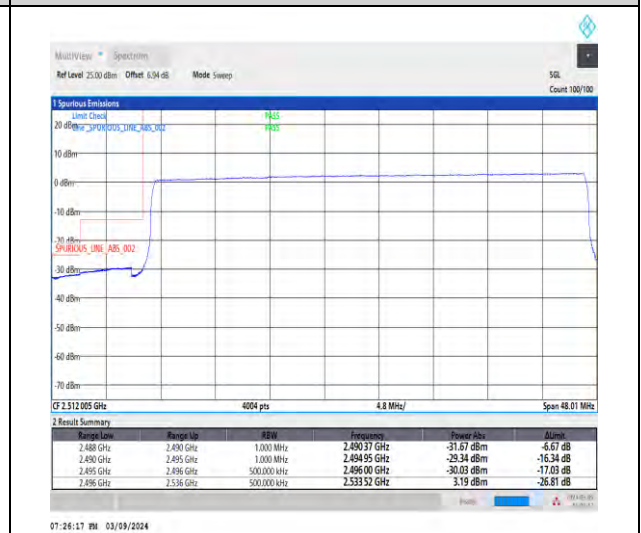
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1-N41-30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N41-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

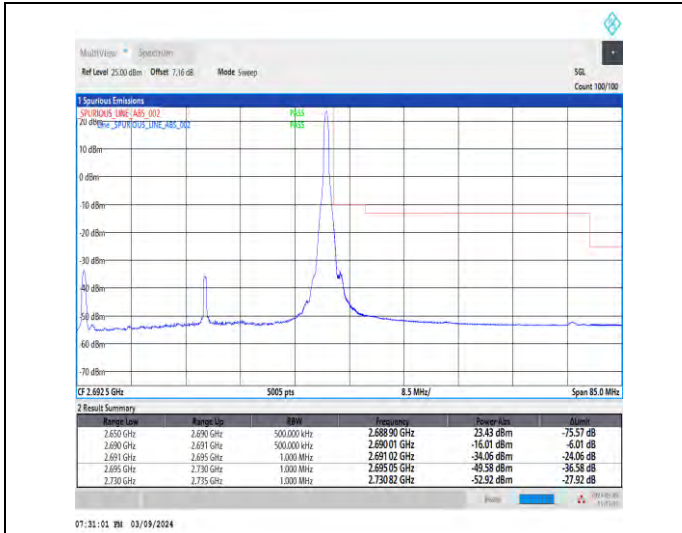


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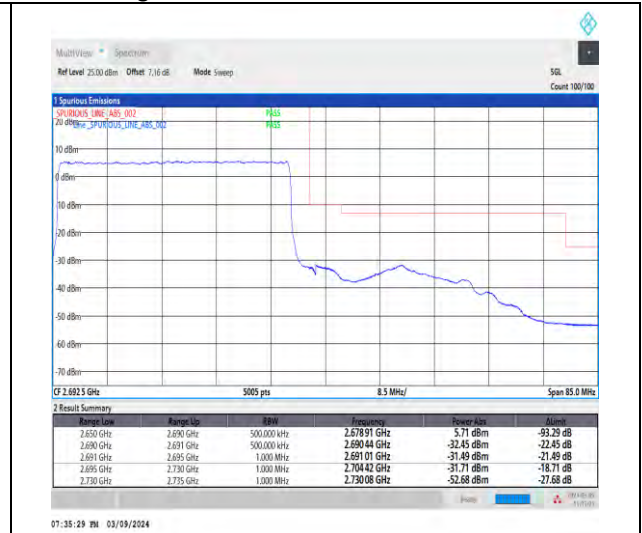


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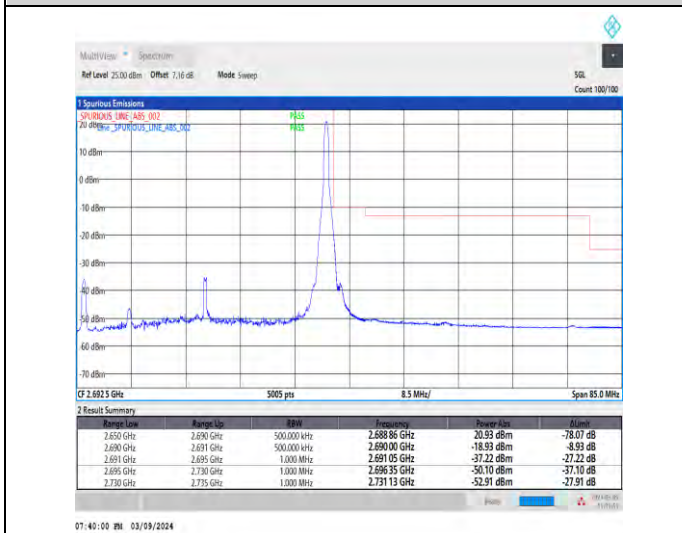
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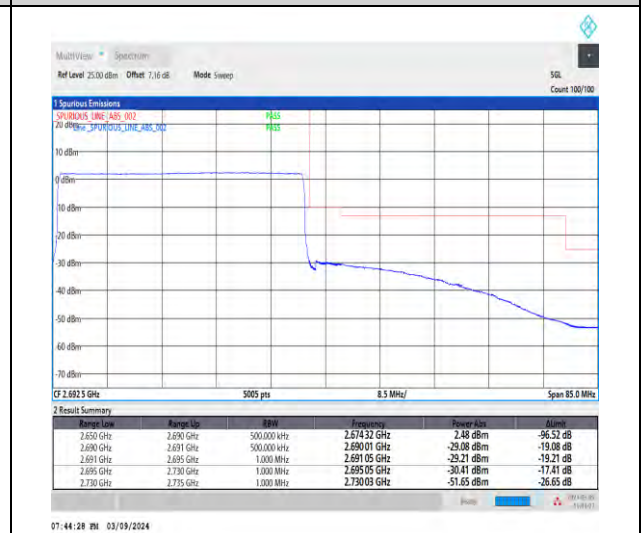
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1-N41-30-40-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



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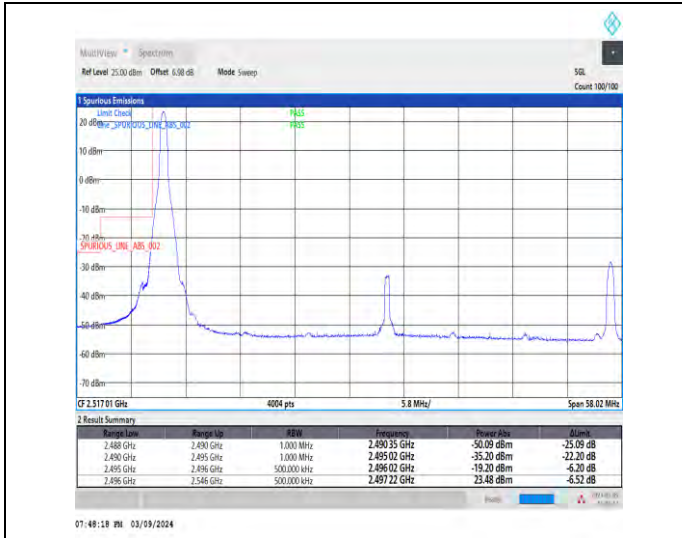
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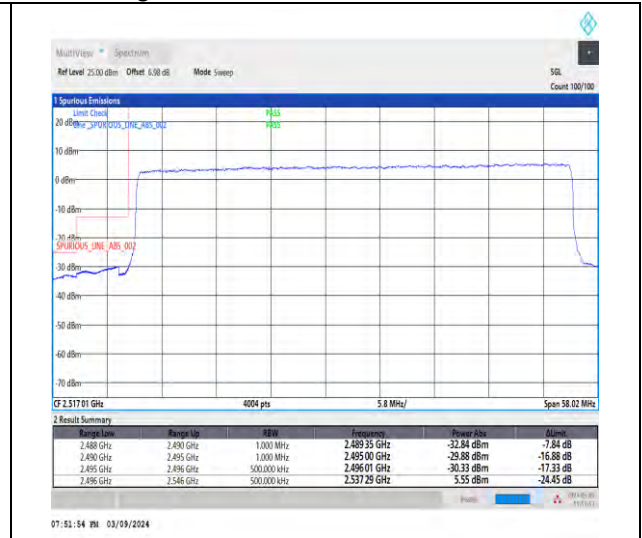
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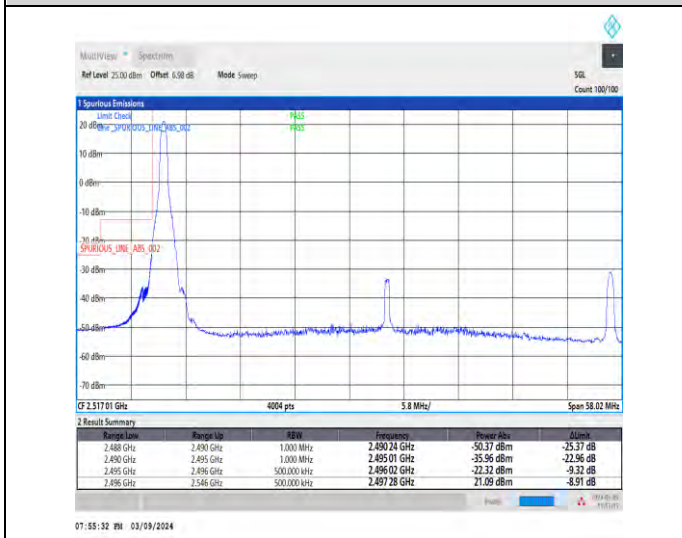
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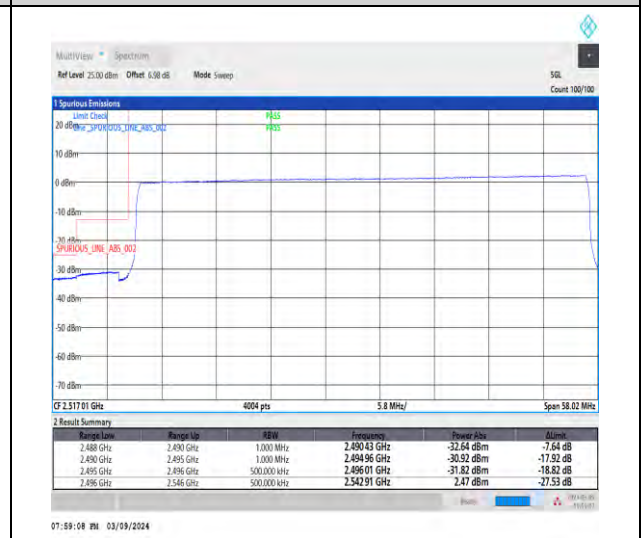
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1-N41-30-50-L-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1--PASS-see graph



1-N41-30-50-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



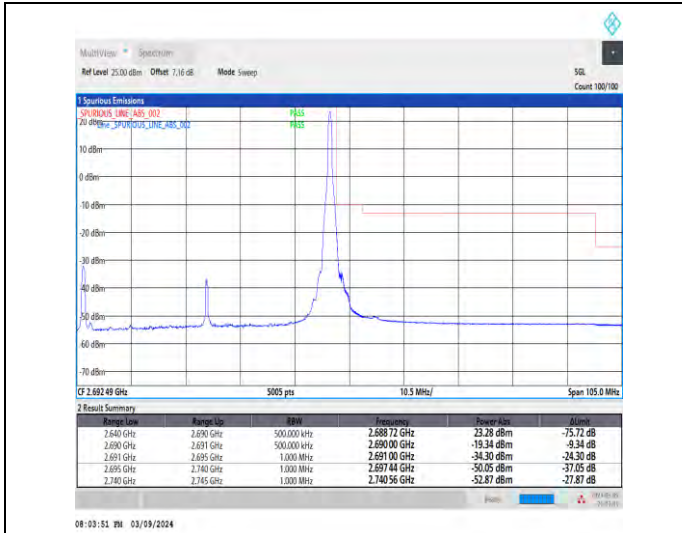
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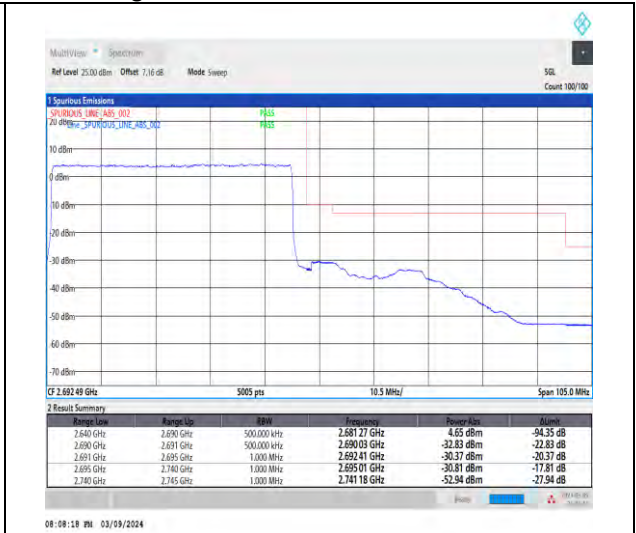
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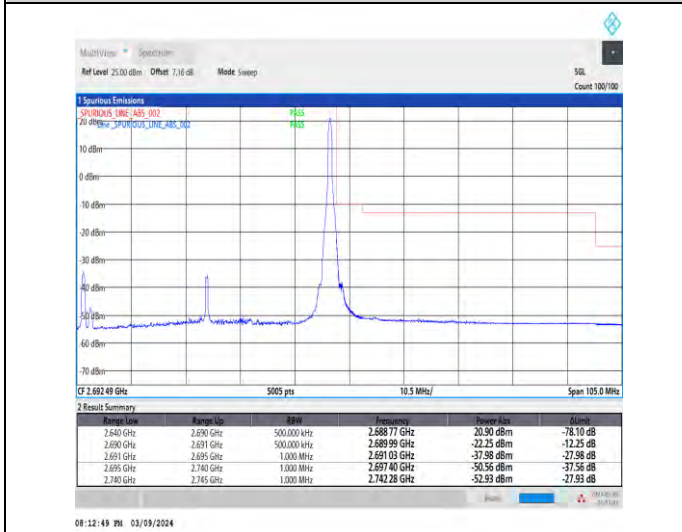
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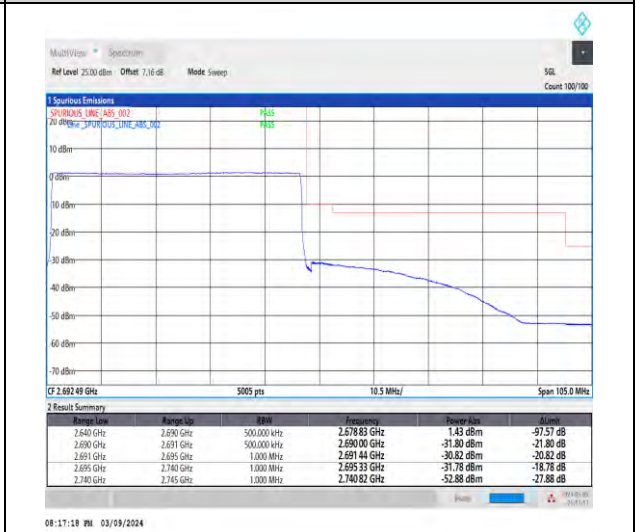
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1-N41-30-50-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1--PASS-see graph



1-N41-30-50-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant1-1--PASS-see graph



1-N41-30-50-H-6-CP-QPSK-Outer_Full-133@0-Ant1-1--PASS-see graph



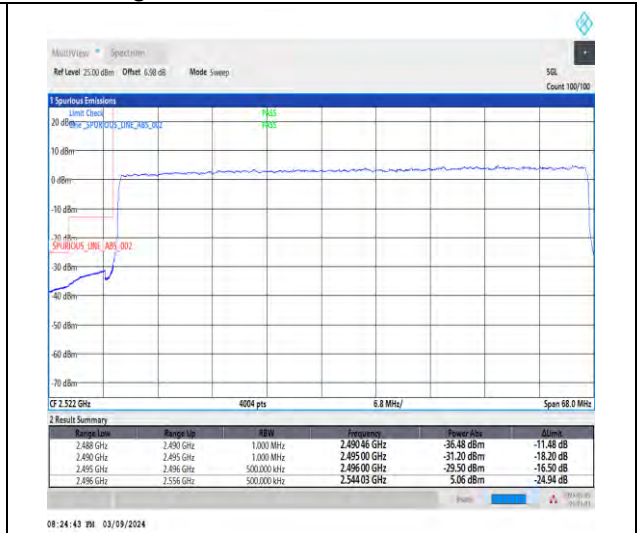
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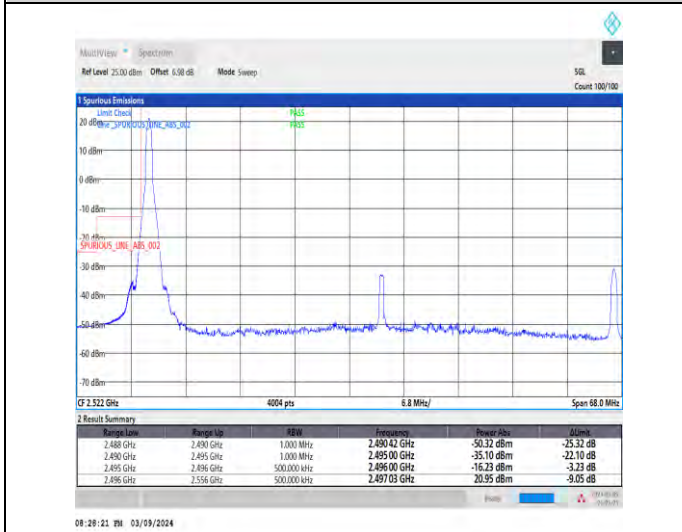
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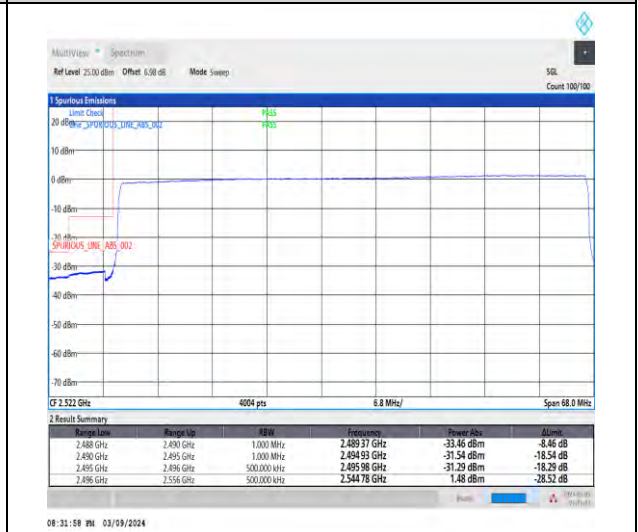
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1-N41-30-60-L-3-DFT-PI2BPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



1-N41-30-60-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

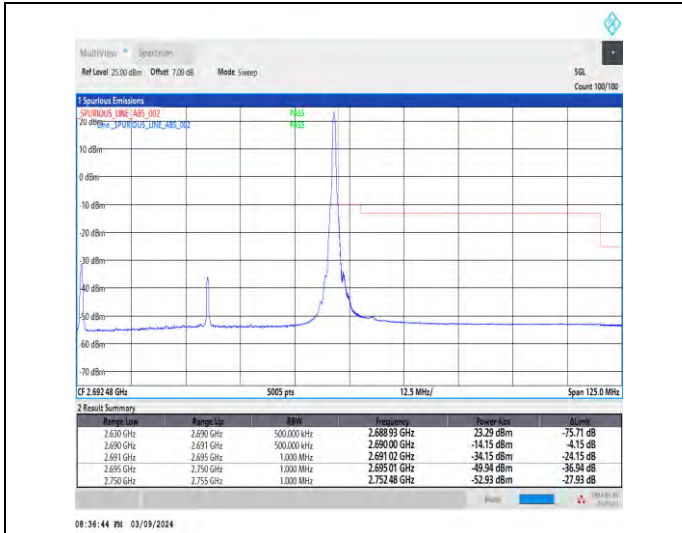


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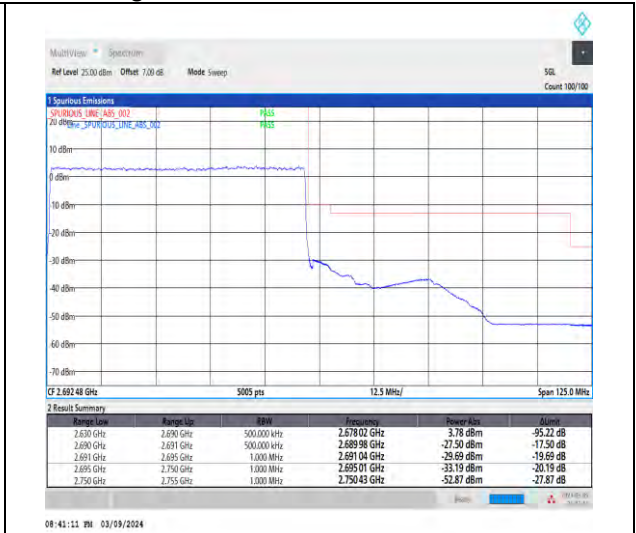


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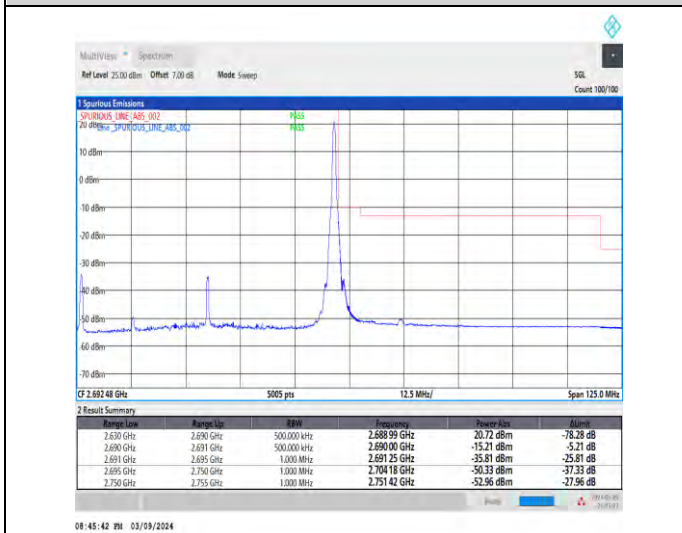
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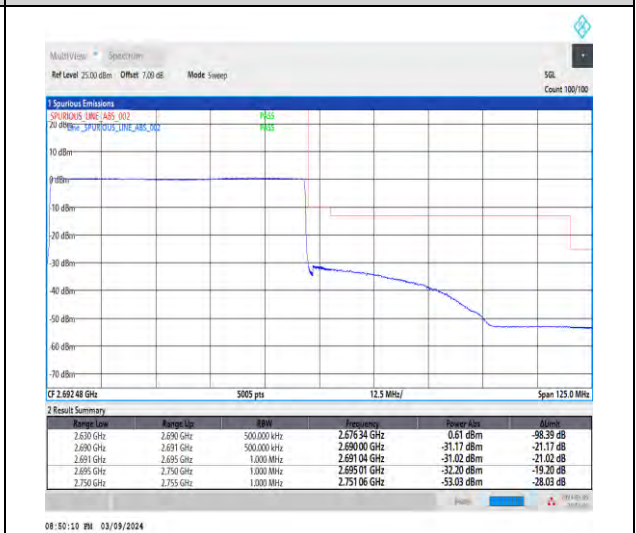
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1-N41-30-60-H-3-DFT-PI2BPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



1-N41-30-60-H-5-CP-QPSK-Edge_1RB_Right-1@161-Ant1-1--PASS-see graph

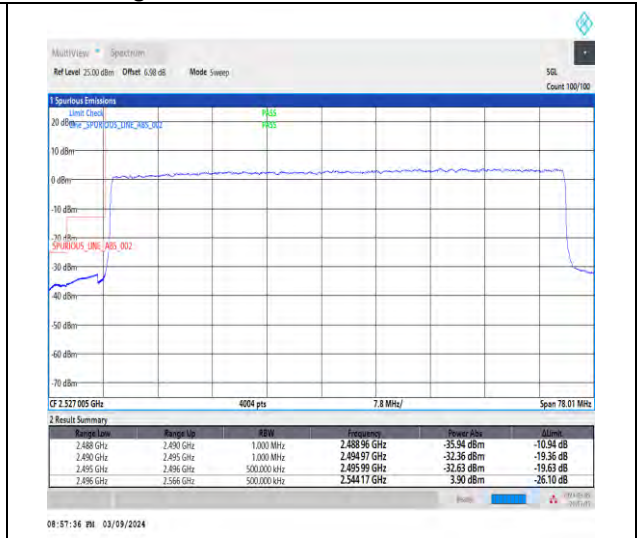
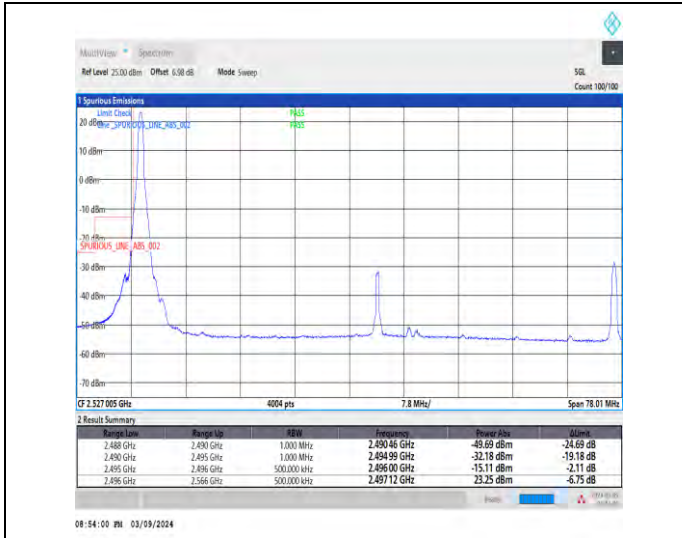


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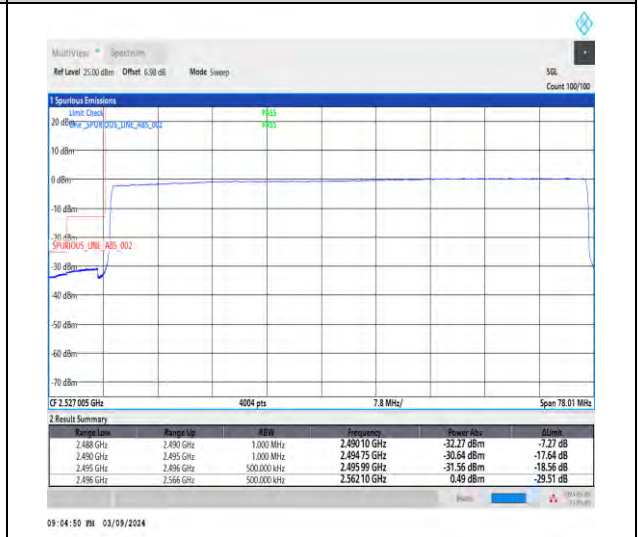
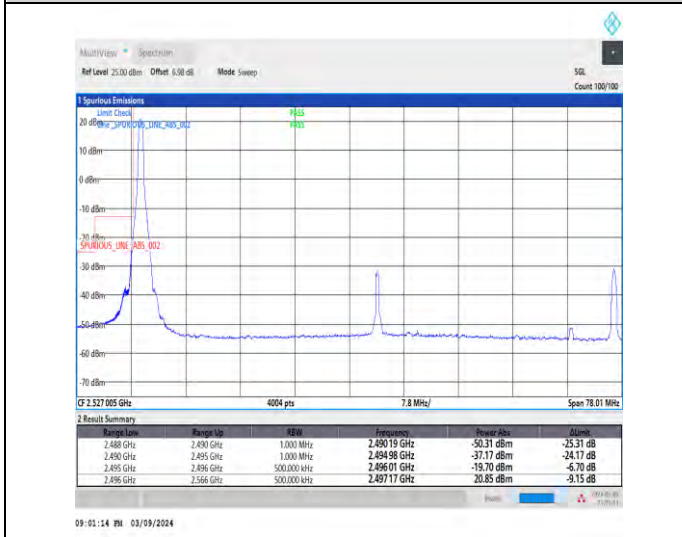
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1-N41-30-70-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N41-30-70-L-3-DFT-PI2BPSK-Outer_Full-180@0-Ant1-1--PASS-see graph



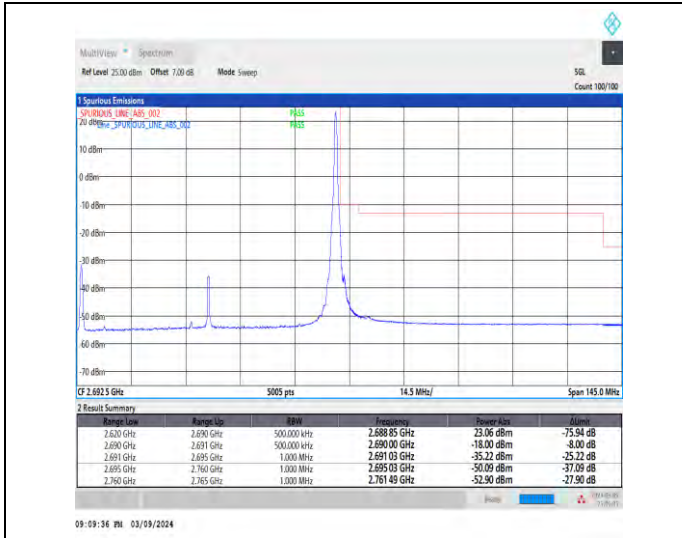
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1-N41-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph

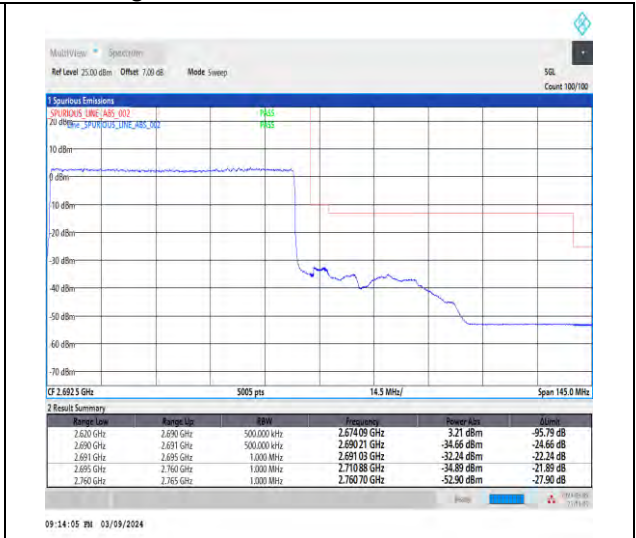


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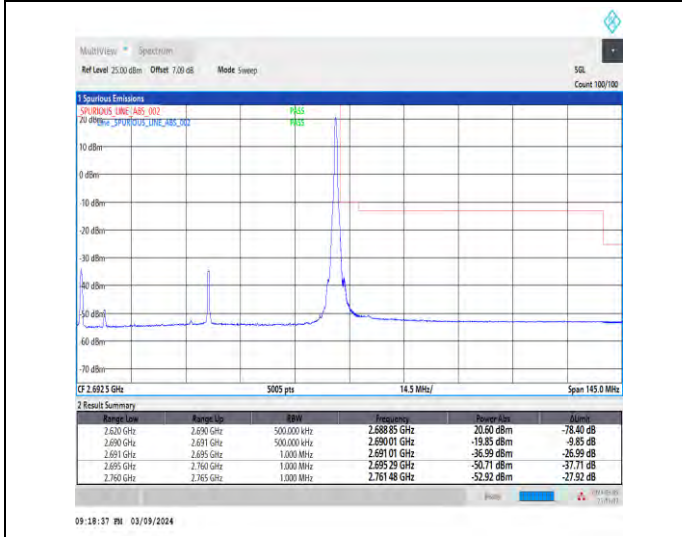
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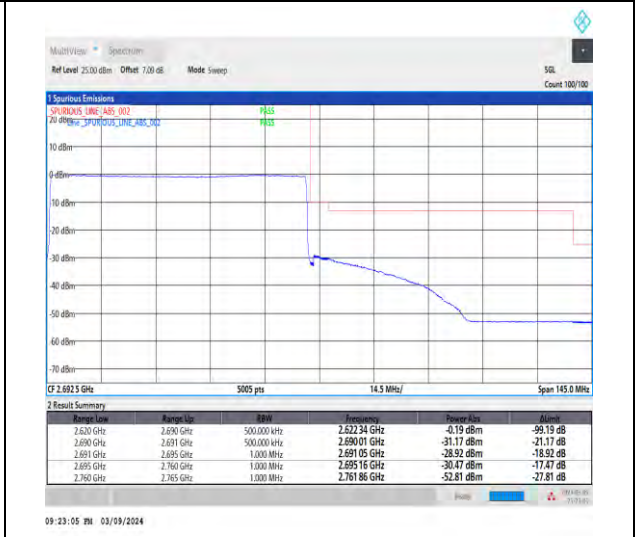
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1-N41-30-70-H-3-DFT-PI2BPSK-Outer_Full-180@0-Ant1-1--PASS-see graph



1-N41-30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant1-1--PASS-see graph

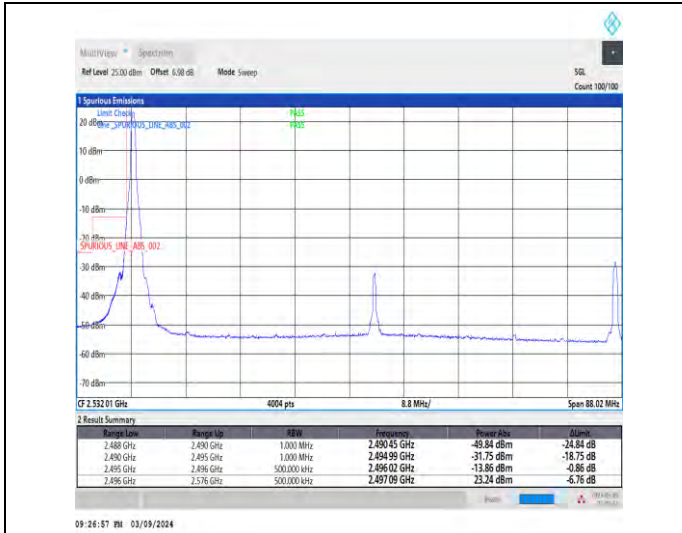


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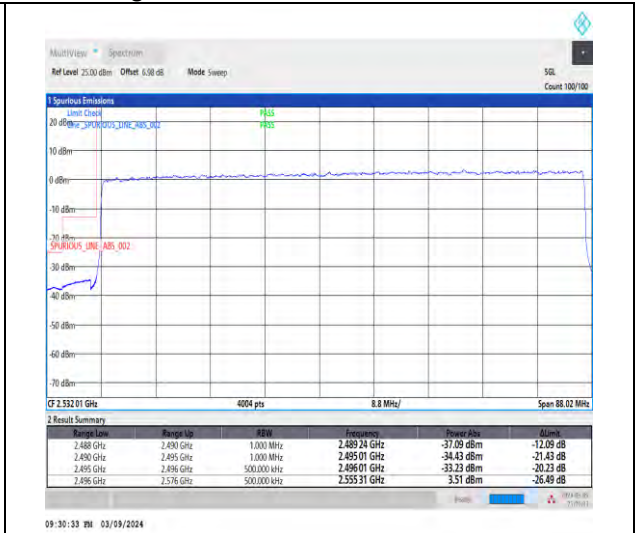


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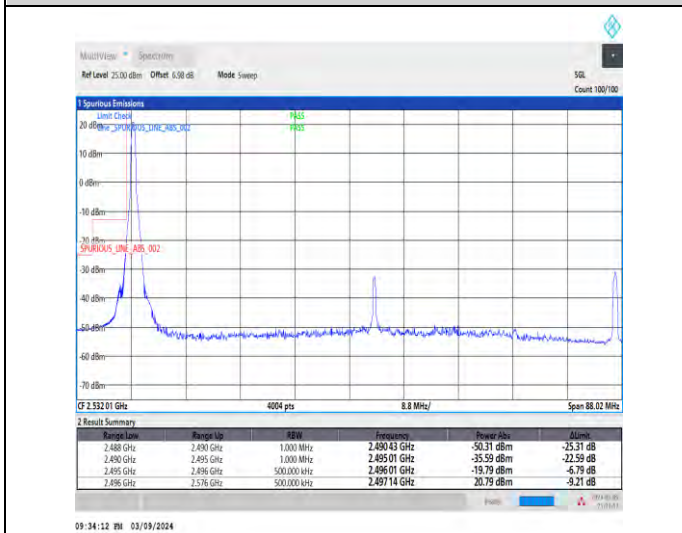
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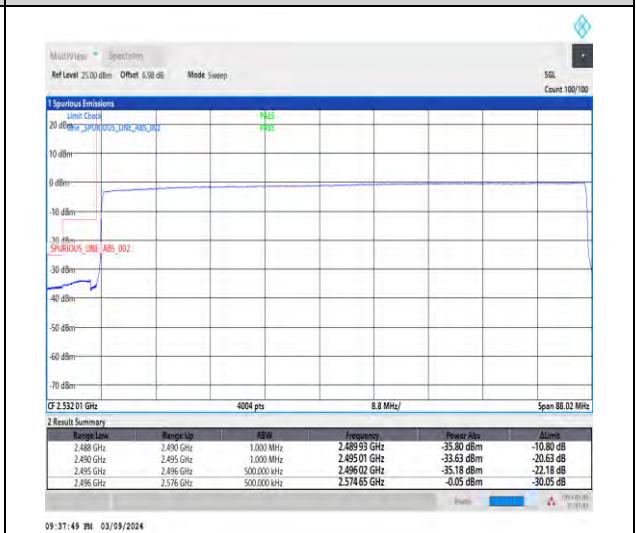
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1-N41-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



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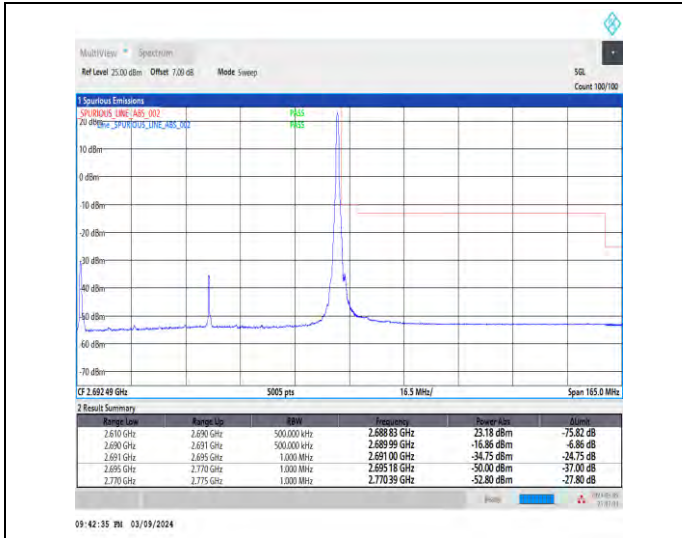


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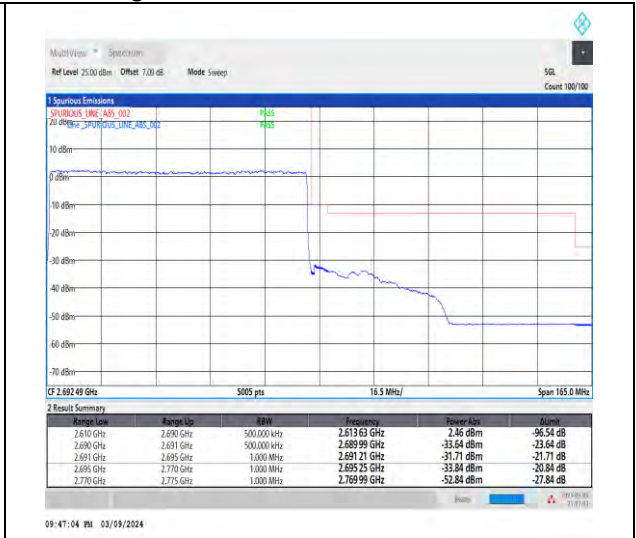


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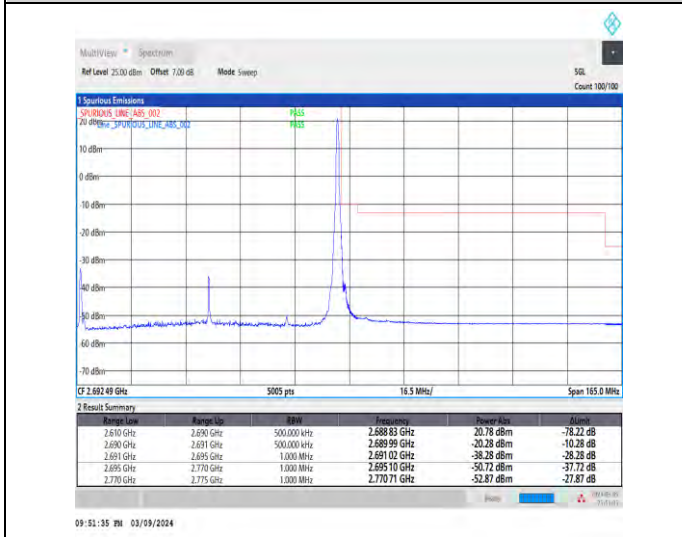
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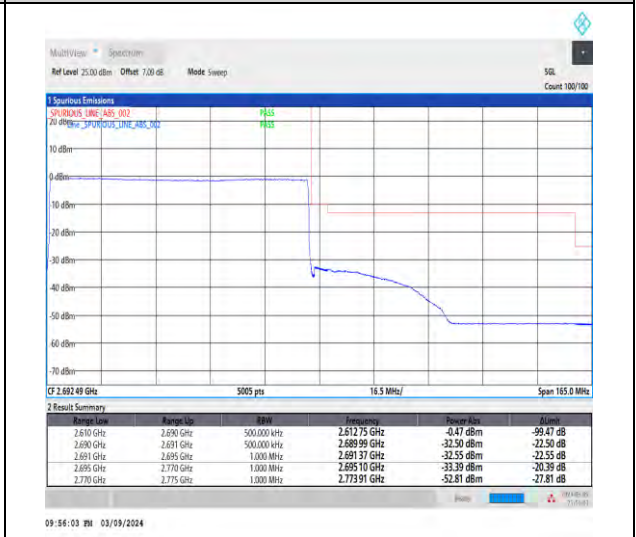
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1-N41-30-80-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



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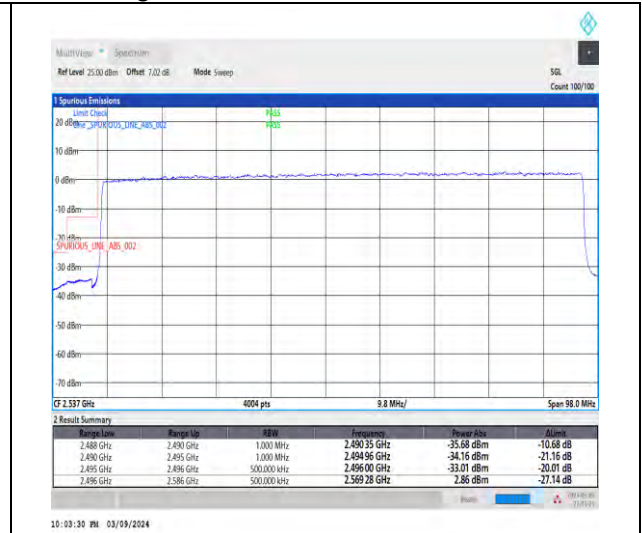


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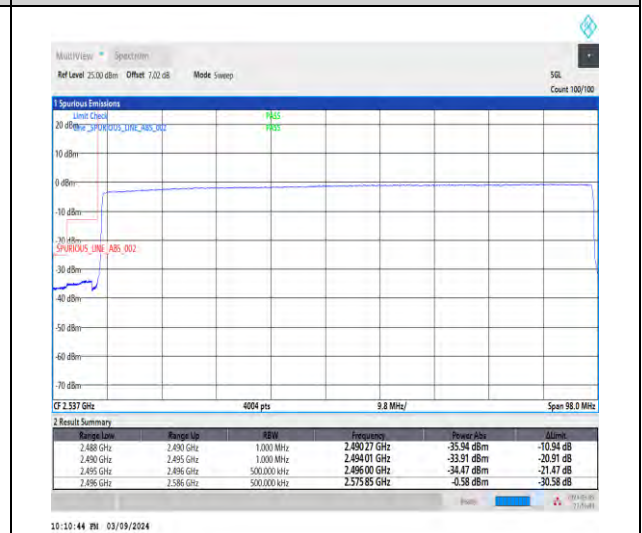
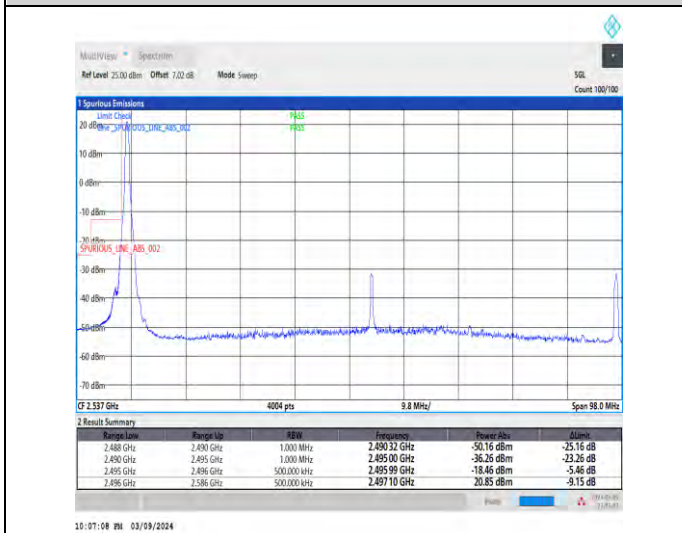
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1-N41-30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N41-30-90-L-3-DFT-PI2BPSK-Outer_Full-240@0-Ant1-1--PASS-see graph



1-N41-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

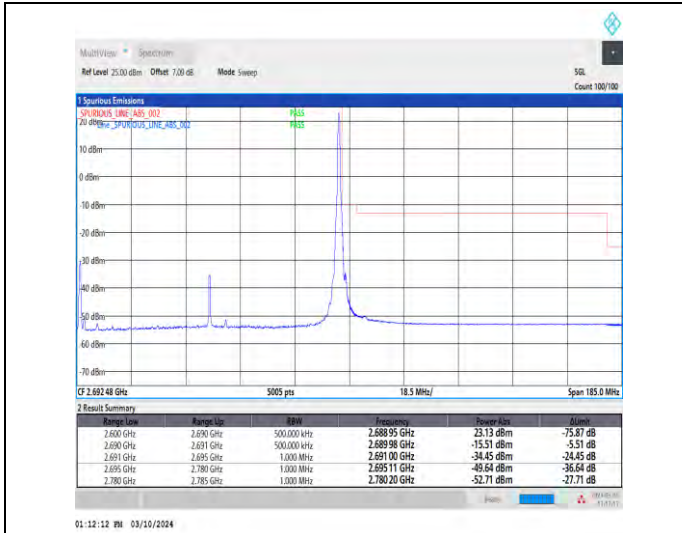
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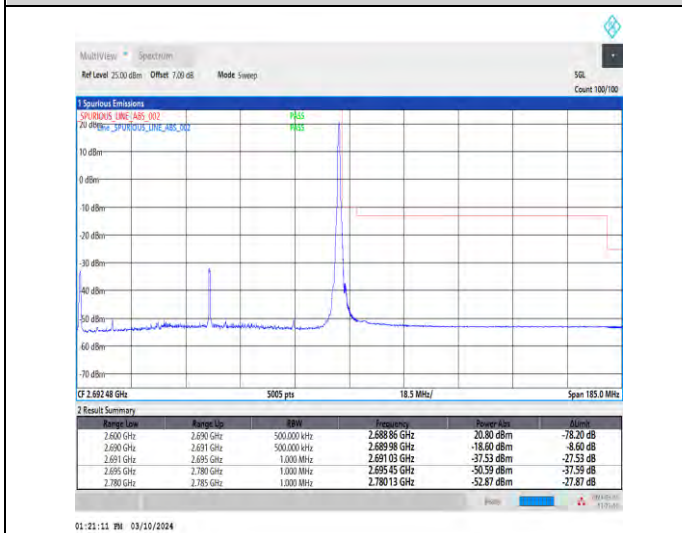
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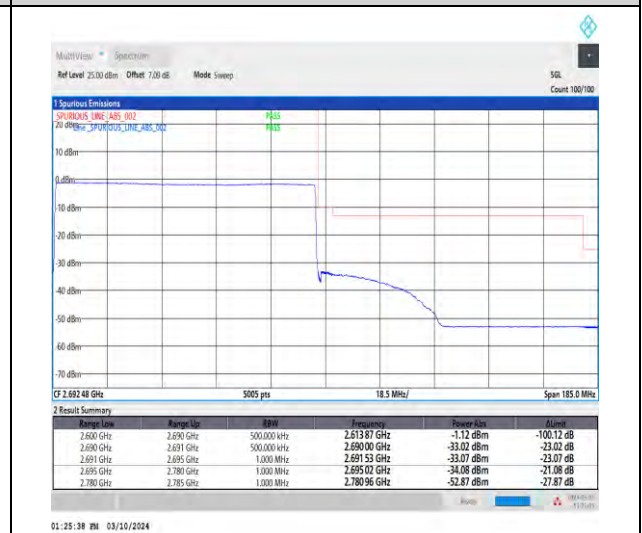
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1-N41-30-90-H-3-DFT-PI2BPSK-Outer_Full-240@0-Ant1-1--PASS-see graph



1-N41-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant1-1--PASS-see graph



1-N41-30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph



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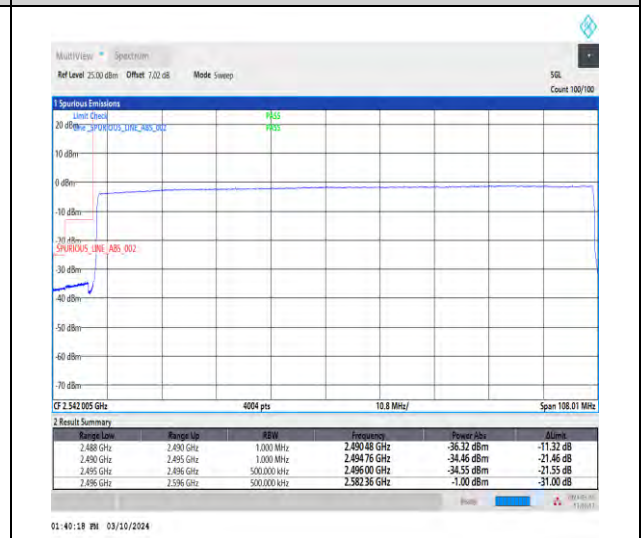
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1-N41-30-100-L-3-DFT-PI2BPSK-Outer_Full-270@0-Ant1-1--PASS-see graph



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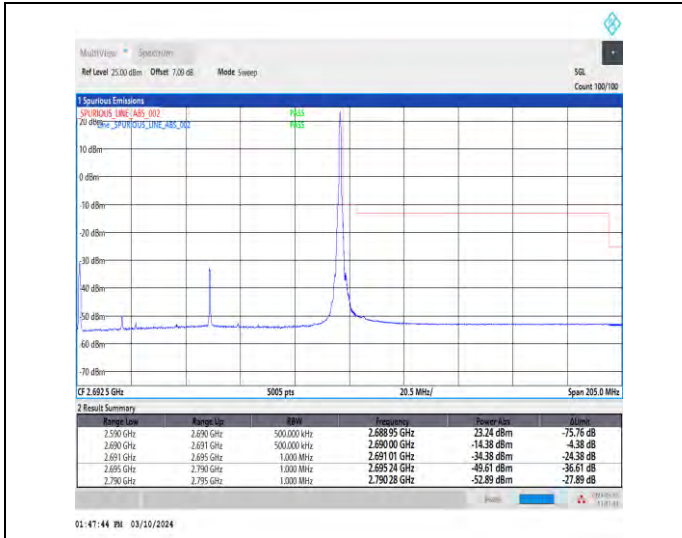
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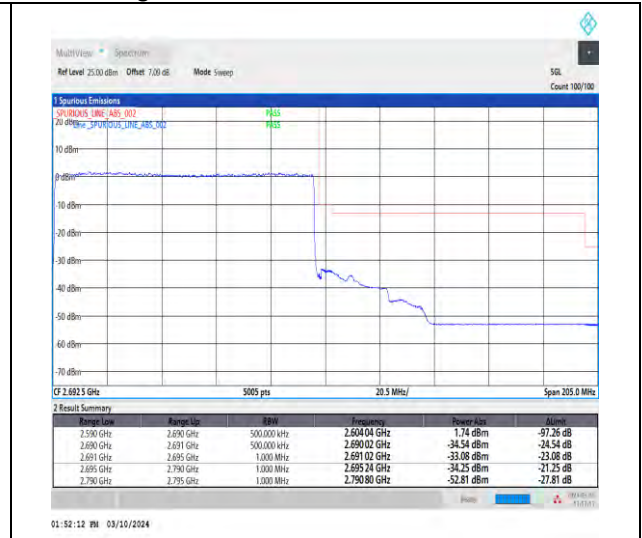
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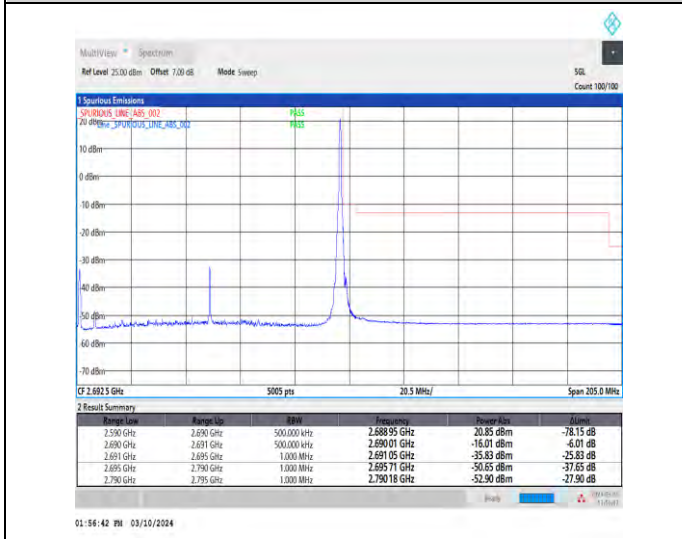
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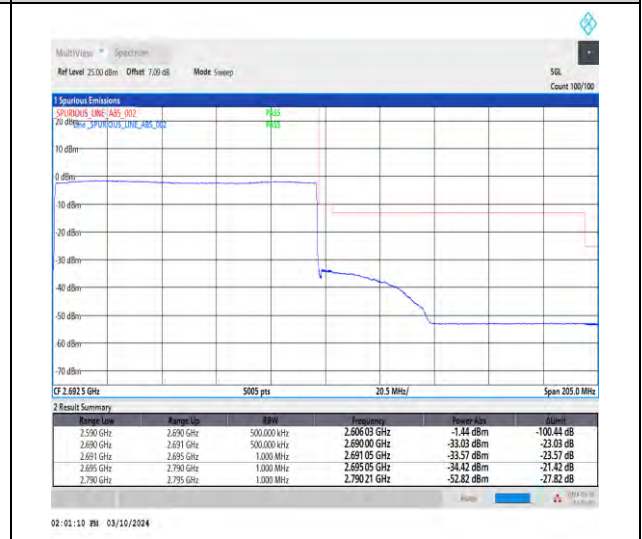
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1-N41-30-100-H-3-DFT-PI2BPSK-Outer_Full-270 @0-Ant1-1--PASS-see graph



1-N41-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272 -Ant1-1--PASS-see graph



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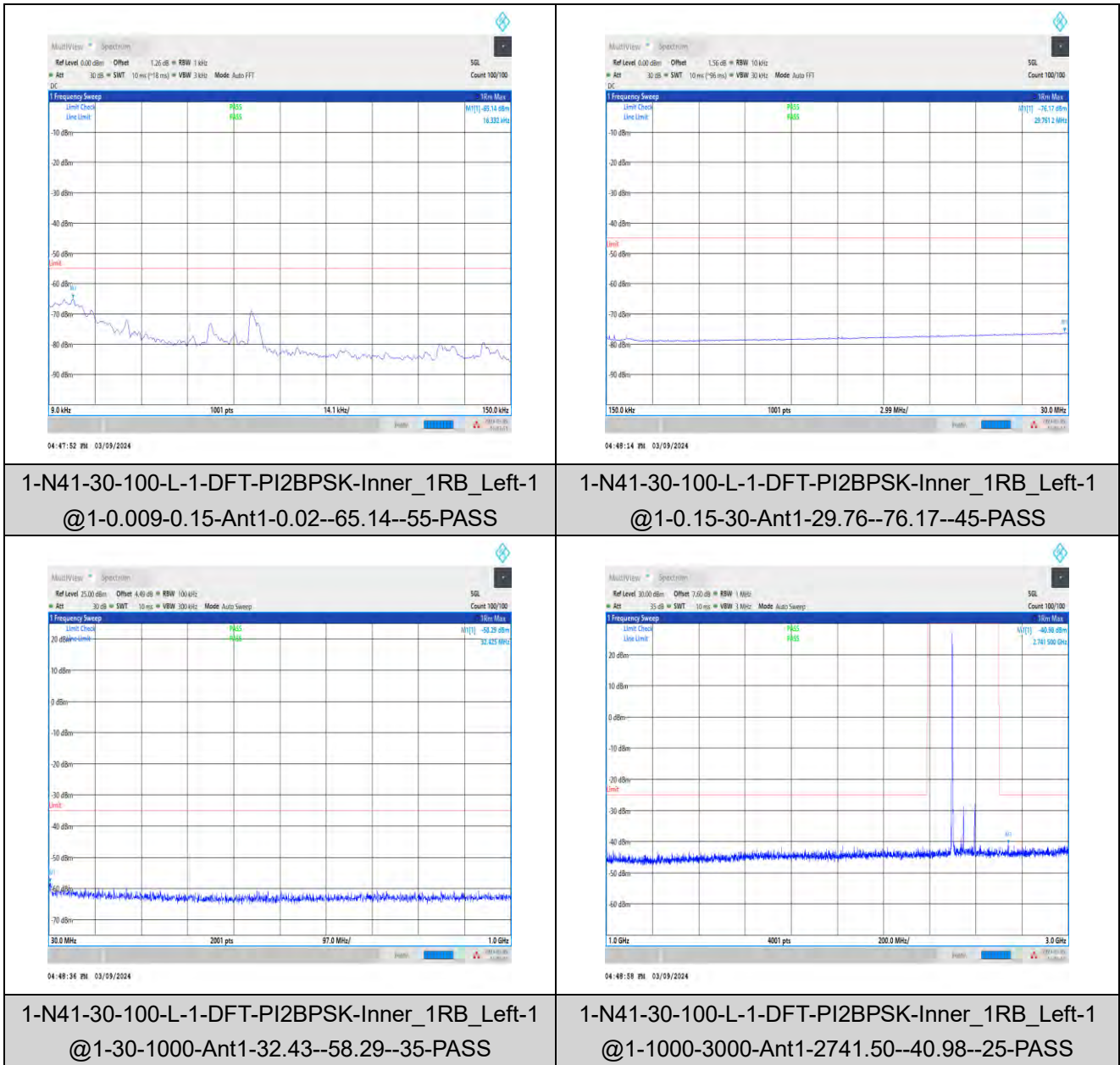


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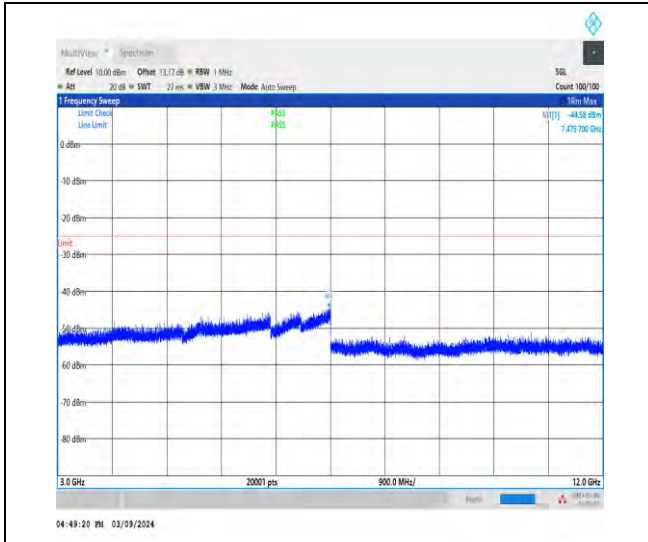
Test Graphs



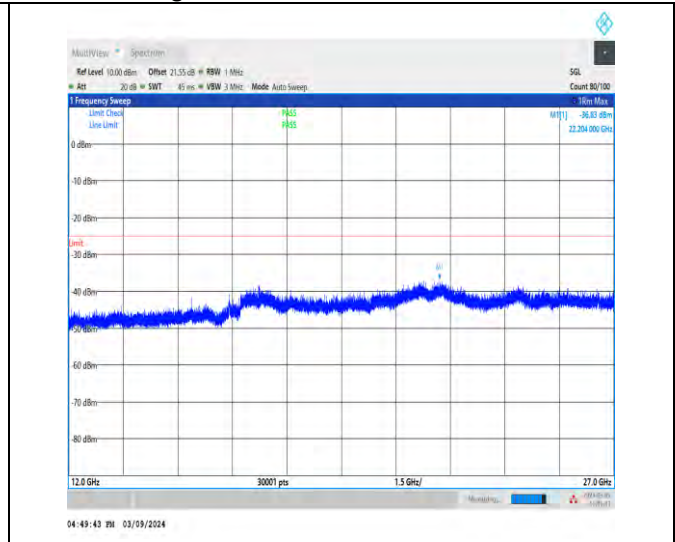
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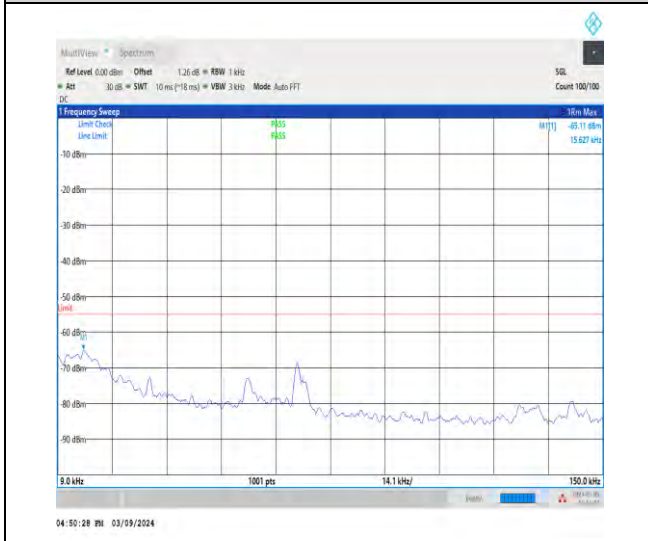
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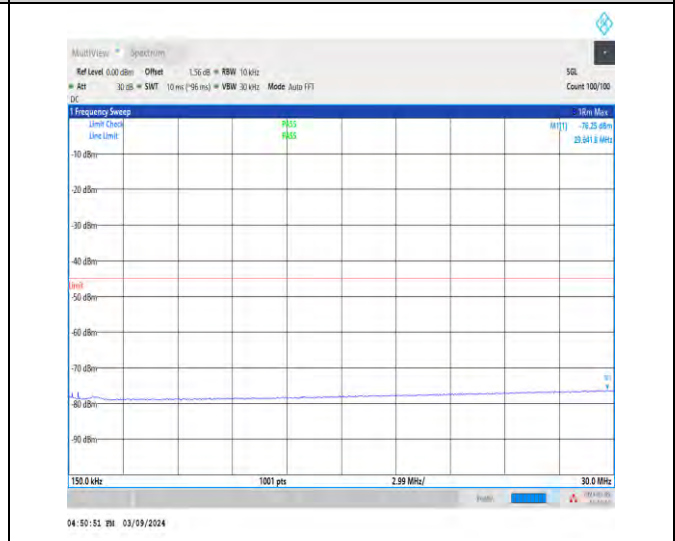
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@ 1-12000-27000-Ant1-22204.00--36.83--25-PASS



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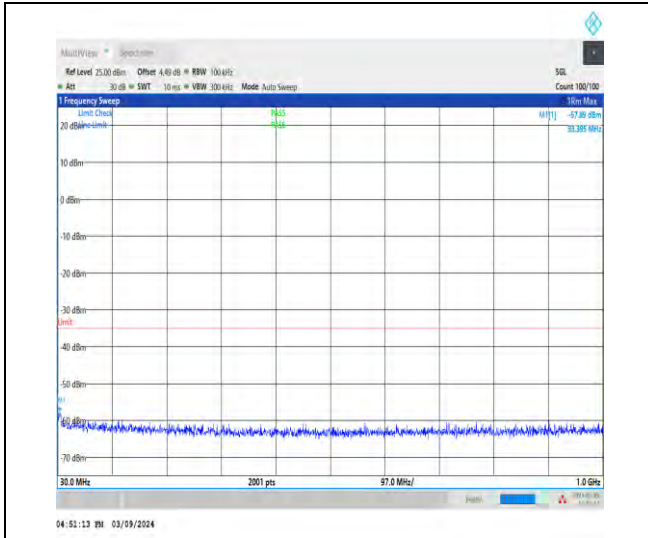
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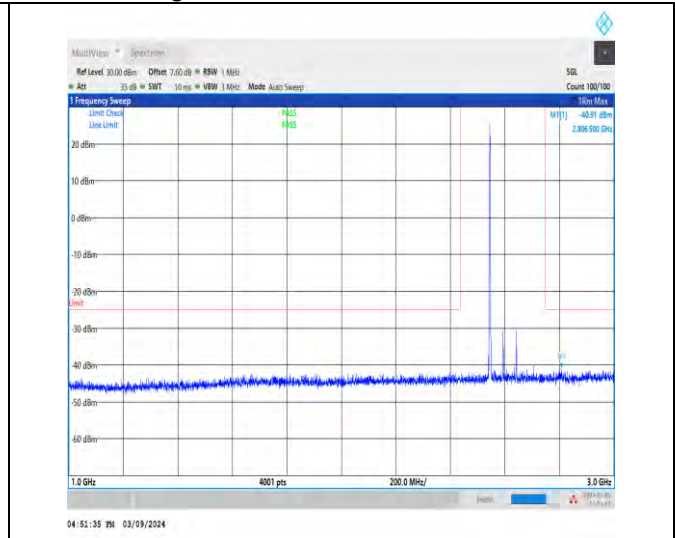
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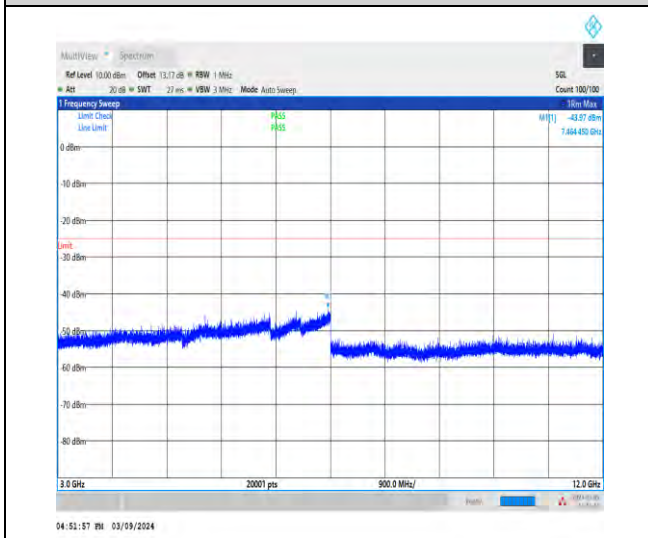
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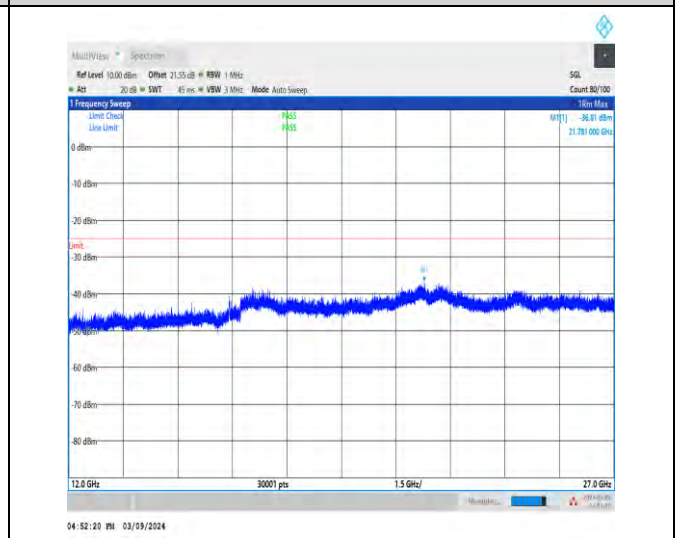
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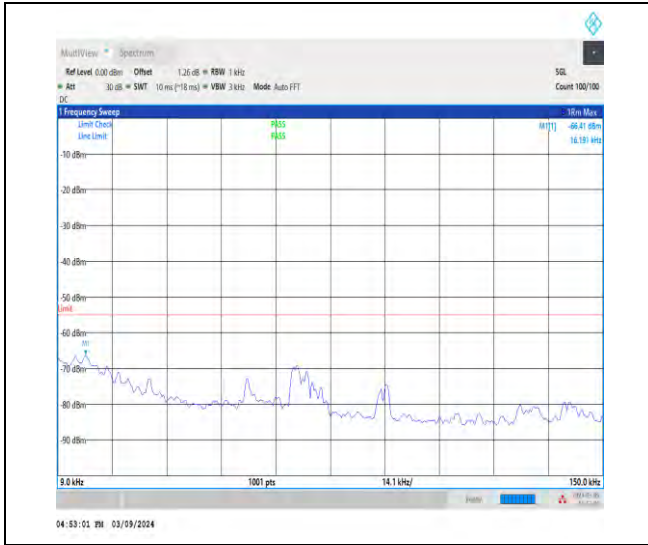
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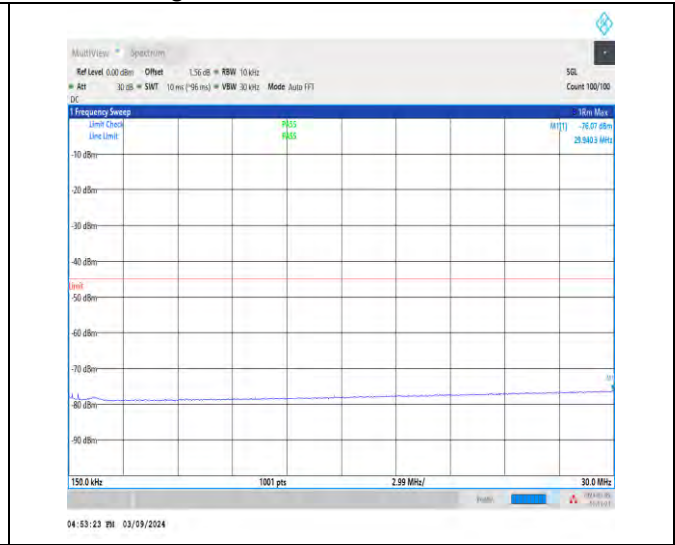
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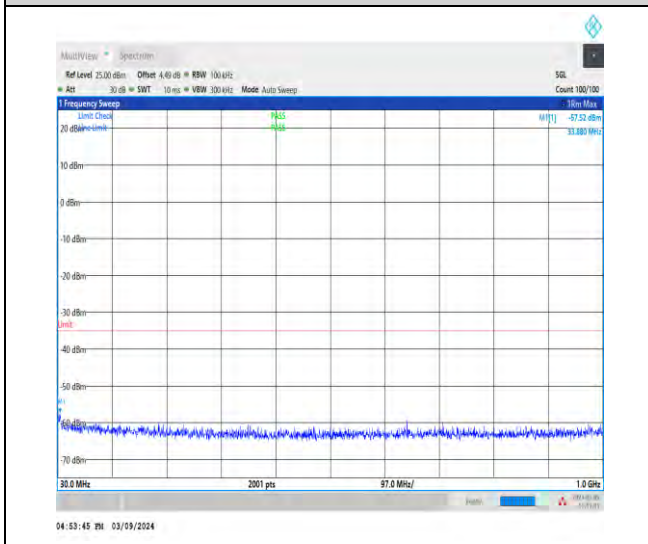
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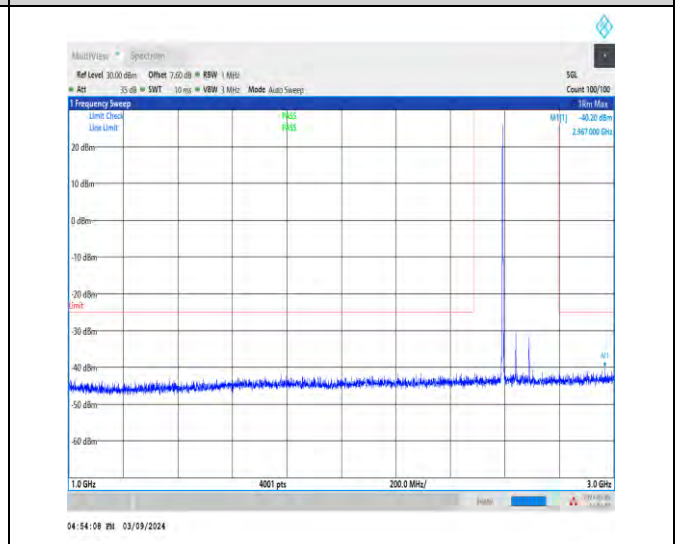
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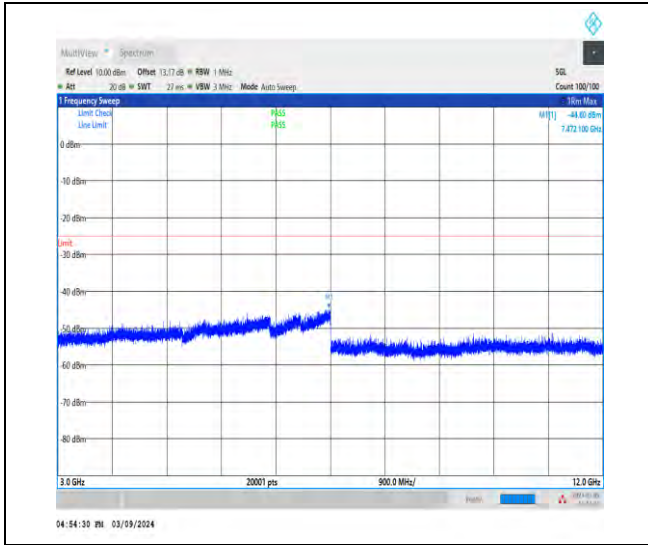


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@1-1000-3000-Ant1-2967.00--40.20--25-PASS

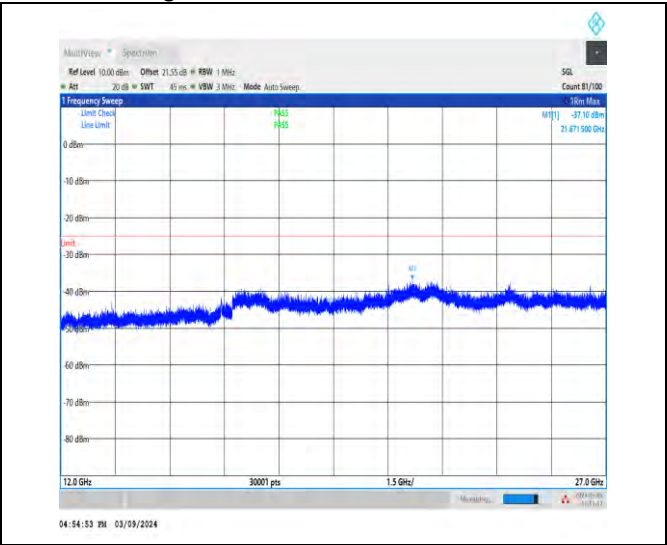


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1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant1-7472.10--44.80--25-PASS



1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant1-21671.50--37.10--25-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band 41_ TM1

Test Channel = Low Channel_ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	45.64	-48.01	31.51	-66.12	-25.00	41.12	Horizontal
2	7503.3	44.55	-46.11	36.80	-60.03	-25.00	35.03	Horizontal
3	10004.4	40.71	-41.71	38.50	-57.75	-25.00	32.75	Horizontal
4	12505.5	38.99	-39.84	38.90	-57.21	-25.00	32.21	Horizontal
5	15006.6	37.03	-38.03	40.09	-56.18	-25.00	31.18	Horizontal
6	17507.7	35.63	-36.82	42.15	-54.30	-25.00	29.30	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	44.16	-48.01	31.51	-67.60	-25.00	42.60	Vertical
2	7503.3	43.92	-46.11	36.80	-60.66	-25.00	35.66	Vertical
3	10004.4	40.47	-41.71	38.50	-57.99	-25.00	32.99	Vertical
4	12505.5	39.55	-39.84	38.90	-56.65	-25.00	31.65	Vertical
5	15006.6	36.21	-38.03	40.09	-57.00	-25.00	32.00	Vertical
6	17507.7	35.72	-36.82	42.15	-54.21	-25.00	29.21	Vertical



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Test Band = SA Band 41 _ TM1

Test Channel = Mid Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.16	54.63	-47.83	31.73	-56.73	-25.00	41.73	Horizontal
2	7644.24	38.39	-44.85	36.63	-65.10	-25.00	35.69	Horizontal
3	10192.32	40.46	-42.12	38.67	-58.25	-25.00	33.25	Horizontal
4	12740.4	40.21	-39.28	38.76	-55.58	-25.00	30.58	Horizontal
5	15288.48	36.72	-37.77	39.55	-56.76	-25.00	31.76	Horizontal
6	17836.56	35.69	-37.06	44.26	-52.37	-25.00	27.37	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5097	56.11	-47.83	31.73	-55.24	-25.00	30.24	Vertical
2	7644.24	37.82	-44.85	36.63	-65.67	-25.00	35.49	Vertical
3	10192.32	39.87	-42.12	38.67	-58.84	-25.00	33.84	Vertical
4	12740.4	39.85	-39.28	38.76	-55.94	-25.00	30.94	Vertical
5	15288.48	36.32	-37.77	39.55	-57.16	-25.00	32.16	Vertical
6	17836.56	35.69	-37.06	44.26	-52.37	-25.00	27.37	Vertical



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Test Band = SA Band 41_ TM1

Test Channel = High Channel_ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4282.5	45.97	-47.88	29.91	-67.26	-25.00	42.26	Horizontal
2	5190	57.31	-47.88	31.96	-53.88	-25.00	28.88	Horizontal
3	5718.5	41.85	-47.52	32.74	-68.19	-25.00	39.04	Horizontal
4	10380.36	39.76	-41.22	38.84	-57.88	-25.00	32.88	Horizontal
5	12975.45	39.00	-39.40	38.61	-57.05	-25.00	32.05	Horizontal
6	15570.54	35.15	-37.75	39.02	-58.85	-25.00	33.85	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3938.5	47.17	-48.25	29.31	-67.02	-25.00	42.02	Vertical
2	5190.18	57.17	-47.88	31.96	-54.02	-25.00	41.02	Vertical
3	7785.27	37.60	-44.95	36.46	-66.16	-25.00	34.63	Vertical
4	10380.36	39.91	-41.22	38.84	-57.73	-25.00	32.73	Vertical
5	12975.45	39.03	-39.40	38.61	-57.02	-25.00	32.02	Vertical
6	15570.54	35.04	-37.75	39.02	-58.96	-25.00	33.96	Vertical



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Test Band = NSA 66A-N41A_ TM1
Test Channel = Low Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	43.42	-48.01	31.51	-68.34	-25.00	43.34	Horizontal
2	7503.3	40.77	-46.11	36.80	-63.81	-25.00	38.81	Horizontal
3	10004.4	38.72	-41.71	38.50	-59.74	-25.00	34.74	Horizontal
4	12505.5	35.72	-39.84	38.90	-60.48	-25.00	35.48	Horizontal
5	15006.6	34.98	-38.03	40.09	-58.23	-25.00	33.23	Horizontal
6	17507.7	34.90	-36.82	42.15	-55.03	-25.00	30.03	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	42.85	-48.01	31.51	-68.91	-25.00	43.91	Vertical
2	7503.3	41.12	-46.11	36.80	-63.46	-25.00	38.46	Vertical
3	10004.4	38.24	-41.71	38.50	-60.22	-25.00	35.22	Vertical
4	12505.5	36.13	-39.84	38.90	-60.07	-25.00	35.07	Vertical
5	15006.6	36.06	-38.03	40.09	-57.15	-25.00	32.15	Vertical
6	17507.7	34.41	-36.82	42.15	-55.52	-25.00	30.52	Vertical



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Test Band = NSA 66A-N41A_ TM1
 Test Channel = Mid Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.16	43.62	-47.83	31.73	-67.74	-25.00	42.74	Horizontal
2	7644.24	41.24	-44.85	36.63	-62.25	-25.00	37.25	Horizontal
3	10192.32	38.20	-42.12	38.67	-60.51	-25.00	35.51	Horizontal
4	12740.4	36.72	-39.28	38.76	-59.07	-25.00	34.07	Horizontal
5	15288.48	35.15	-37.77	39.55	-58.33	-25.00	33.33	Horizontal
6	17836.56	35.29	-37.06	44.26	-52.77	-25.00	27.77	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.16	42.89	-47.83	31.73	-68.47	-25.00	43.47	Vertical
2	7644.24	41.52	-44.85	36.63	-61.97	-25.00	36.97	Vertical
3	10192.32	37.79	-42.12	38.67	-60.92	-25.00	35.92	Vertical
4	12740.4	36.66	-39.28	38.76	-59.13	-25.00	34.13	Vertical
5	15288.48	34.96	-37.77	39.55	-58.52	-25.00	33.52	Vertical
6	17836.56	34.60	-37.06	44.26	-53.46	-25.00	28.46	Vertical



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Test Band = NSA 66A-N41A_ TM1
 Test Channel = High Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17278	36.73	-37.29	40.68	-55.14	-25.00	30.14	Horizontal
2	5190.18	44.04	-47.88	31.96	-67.15	-25.00	42.15	Horizontal
3	7785.27	41.45	-44.95	36.46	-62.31	-25.00	37.31	Horizontal
4	10380.36	37.57	-41.22	38.84	-60.07	-25.00	35.07	Horizontal
5	12975.45	36.28	-39.40	38.61	-59.77	-25.00	34.77	Horizontal
6	15570.54	34.68	-37.75	39.02	-59.32	-25.00	34.32	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17567.5	35.64	-36.83	42.53	-53.91	-25.00	28.91	Vertical
2	5190.18	43.42	-47.88	31.96	-67.77	-25.00	42.77	Vertical
3	7785.27	41.62	-44.95	36.46	-62.14	-25.00	37.14	Vertical
4	10380.36	38.00	-41.22	38.84	-59.64	-25.00	34.64	Vertical
5	12975.45	36.51	-39.40	38.61	-59.54	-25.00	34.54	Vertical
6	15570.54	34.66	-37.75	39.02	-59.34	-25.00	34.34	Vertical



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Test Band = NSA 26A-N41A_ TM1
Test Channel = Low Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	43.29	-48.01	31.51	-68.47	-25.00	43.47	Horizontal
2	7503.3	40.80	-46.11	36.80	-63.78	-25.00	38.78	Horizontal
3	10004.4	38.51	-41.71	38.50	-59.95	-25.00	34.95	Horizontal
4	12505.5	36.14	-39.84	38.90	-60.06	-25.00	35.06	Horizontal
5	15006.6	35.04	-38.03	40.09	-58.17	-25.00	33.17	Horizontal
6	17507.7	34.92	-36.82	42.15	-55.01	-25.00	30.01	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	43.22	-48.01	31.51	-68.54	-25.00	43.54	Vertical
2	7503.3	41.21	-46.11	36.80	-63.37	-25.00	38.37	Vertical
3	10004.4	38.36	-41.71	38.50	-60.10	-25.00	35.10	Vertical
4	12505.5	36.07	-39.84	38.90	-60.13	-25.00	35.13	Vertical
5	15006.6	34.88	-38.03	40.09	-58.33	-25.00	33.33	Vertical
6	17507.7	35.77	-36.82	42.15	-54.16	-25.00	29.16	Vertical



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Test Band = NSA 26A-N41A_ TM1
 Test Channel = Mid Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.16	42.36	-47.83	31.73	-69.00	-25.00	44.00	Horizontal
2	7644.24	40.73	-44.85	36.63	-62.76	-25.00	37.76	Horizontal
3	10192.32	38.42	-42.12	38.67	-60.29	-25.00	35.29	Horizontal
4	12740.4	36.85	-39.28	38.76	-58.94	-25.00	33.94	Horizontal
5	15288.48	34.93	-37.77	39.55	-58.55	-25.00	33.55	Horizontal
6	17836.56	34.42	-37.06	44.26	-53.64	-25.00	28.64	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.16	42.99	-47.83	31.73	-68.37	-25.00	43.37	Vertical
2	7644.24	40.48	-44.85	36.63	-63.01	-25.00	38.01	Vertical
3	10192.32	38.35	-42.12	38.67	-60.36	-25.00	35.36	Vertical
4	12740.4	36.43	-39.28	38.76	-59.36	-25.00	34.36	Vertical
5	15288.48	35.15	-37.77	39.55	-58.33	-25.00	33.33	Vertical
6	17836.56	33.84	-37.06	44.26	-54.22	-25.00	29.22	Vertical



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Test Band = NSA 26A-N41A_ TM1
Test Channel = High Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17518	35.62	-36.82	42.22	-54.25	-25.00	29.25	Horizontal
2	5190.18	42.72	-47.88	31.96	-68.47	-25.00	43.47	Horizontal
3	7785.27	41.85	-44.95	36.46	-61.91	-25.00	36.91	Horizontal
4	10380.36	38.23	-41.22	38.84	-59.41	-25.00	34.41	Horizontal
5	12975.45	36.98	-39.40	38.61	-59.07	-25.00	34.07	Horizontal
6	15570.54	35.09	-37.75	39.02	-58.91	-25.00	33.91	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17645.5	35.85	-37.28	43.03	-53.65	-25.00	28.65	Vertical
2	5190.18	43.43	-47.88	31.96	-67.76	-25.00	42.76	Vertical
3	7785.27	41.57	-44.95	36.46	-62.19	-25.00	37.19	Vertical
4	10380.36	38.32	-41.22	38.84	-59.32	-25.00	34.32	Vertical
5	12975.45	37.06	-39.40	38.61	-58.99	-25.00	33.99	Vertical
6	15570.54	34.92	-37.75	39.02	-59.08	-25.00	34.08	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:

$AF = \text{Antenna Factor(dB/m)}$

$\text{Factor} = \text{Cable Factor(dB)} - \text{Preamplifier (dB)}$

$\text{Level} = \text{Reading Level} + AF + \text{Factor} - 95.26$

$\text{Margin} = \text{Limit} - \text{Level}$

2) All antennas of RSE are tested, and only the worst data is presented.



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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
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-6.500000	-0.002507	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.700000	-0.001813	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-9.300000	-0.003587	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	-6.500000	-0.002507	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	-4.500000	-0.001735	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	-3.100000	-0.001196	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-4.700000	-0.001813	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-8.300000	-0.003201	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-3.200000	-0.001234	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-4.900000	-0.001890	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-9.000000	-0.003471	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.900000	-0.002275	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-3.700000	-0.001427	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-2.900000	-0.001118	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-7.800000	-0.003008	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-9.400000	-0.003625	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-12.900000	-0.004975	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-5.200000	-0.002005	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-2.000000	-0.000771	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-7.400000	-0.002854	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-4.000000	-0.001543	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	-10.400000	-0.004011	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	-9.200000	-0.003548	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-0.500000	-0.000193	PASS

---End of Attachment---



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