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Appendix B.17

NR Band n41



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT5

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N41	30	10	DFT-QPSK	L	Inner_1RB_Left	25.14	23.54	33.00	PASS
N41	30	10	DFT-16QAM	L	Inner_1RB_Left	24.77	23.17	33.00	PASS
N41	30	10	DFT-QPSK	M	Inner_1RB_Left	24.93	23.33	33.00	PASS
N41	30	10	DFT-16QAM	M	Inner_1RB_Left	24.42	22.82	33.00	PASS
N41	30	10	DFT-QPSK	H	Inner_1RB_Left	25.05	23.45	33.00	PASS
N41	30	10	DFT-16QAM	H	Inner_1RB_Left	24.7	23.1	33.00	PASS
N41	30	15	DFT-QPSK	L	Inner_1RB_Left	25.23	23.63	33.00	PASS
N41	30	15	DFT-16QAM	L	Inner_1RB_Left	24.76	23.16	33.00	PASS
N41	30	15	DFT-QPSK	M	Inner_1RB_Left	25.15	23.55	33.00	PASS
N41	30	15	DFT-16QAM	M	Inner_1RB_Left	24.22	22.62	33.00	PASS
N41	30	15	DFT-QPSK	H	Inner_1RB_Left	25.15	23.55	33.00	PASS
N41	30	15	DFT-16QAM	H	Inner_1RB_Left	24.65	23.05	33.00	PASS
N41	30	20	DFT-QPSK	L	Inner_1RB_Left	25.14	23.54	33.00	PASS
N41	30	20	DFT-16QAM	L	Inner_1RB_Left	24.76	23.16	33.00	PASS
N41	30	20	DFT-QPSK	M	Inner_1RB_Left	25	23.4	33.00	PASS
N41	30	20	DFT-16QAM	M	Inner_1RB_Left	24.08	22.48	33.00	PASS
N41	30	20	DFT-QPSK	H	Inner_1RB_Left	25.04	23.44	33.00	PASS
N41	30	20	DFT-16QAM	H	Inner_1RB_Left	24.27	22.67	33.00	PASS
N41	30	30	DFT-QPSK	L	Inner_1RB_Left	25.06	23.46	33.00	PASS
N41	30	30	DFT-16QAM	L	Inner_1RB_Left	24.64	23.04	33.00	PASS
N41	30	30	DFT-QPSK	M	Inner_1RB_Left	25.06	23.46	33.00	PASS
N41	30	30	DFT-16QAM	M	Inner_1RB_Left	24.19	22.59	33.00	PASS
N41	30	30	DFT-QPSK	H	Inner_1RB_Left	24.54	22.94	33.00	PASS
N41	30	30	DFT-16QAM	H	Inner_1RB_Left	23.67	22.07	33.00	PASS
N41	30	40	DFT-QPSK	L	Inner_1RB_Left	25.27	23.67	33.00	PASS
N41	30	40	DFT-16QAM	L	Inner_1RB_Left	24.83	23.23	33.00	PASS
N41	30	40	DFT-QPSK	M	Inner_1RB_Left	25.4	23.8	33.00	PASS
N41	30	40	DFT-16QAM	M	Inner_1RB_Left	24.95	23.35	33.00	PASS
N41	30	40	DFT-QPSK	H	Inner_1RB_Left	25.08	23.48	33.00	PASS
N41	30	40	DFT-16QAM	H	Inner_1RB_Left	24.65	23.05	33.00	PASS
N41	30	50	DFT-QPSK	L	Inner_1RB_Left	25.05	23.45	33.00	PASS



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N41	30	50	DFT-16QAM	L	Inner_1RB_Left	24.66	23.06	33.00	PASS
N41	30	50	DFT-QPSK	M	Inner_1RB_Left	25.25	23.65	33.00	PASS
N41	30	50	DFT-16QAM	M	Inner_1RB_Left	24.79	23.19	33.00	PASS
N41	30	50	DFT-QPSK	H	Inner_1RB_Left	24.9	23.3	33.00	PASS
N41	30	50	DFT-16QAM	H	Inner_1RB_Left	24.57	22.97	33.00	PASS
N41	30	60	DFT-QPSK	L	Inner_1RB_Left	25.14	23.54	33.00	PASS
N41	30	60	DFT-16QAM	L	Inner_1RB_Left	24.78	23.18	33.00	PASS
N41	30	60	DFT-QPSK	M	Inner_1RB_Left	25.09	23.49	33.00	PASS
N41	30	60	DFT-16QAM	M	Inner_1RB_Left	24.63	23.03	33.00	PASS
N41	30	60	DFT-QPSK	H	Inner_1RB_Left	25.03	23.43	33.00	PASS
N41	30	60	DFT-16QAM	H	Inner_1RB_Left	24.6	23	33.00	PASS
N41	30	70	DFT-QPSK	L	Inner_1RB_Left	24.84	23.24	33.00	PASS
N41	30	70	DFT-16QAM	L	Inner_1RB_Left	24.43	22.83	33.00	PASS
N41	30	70	DFT-QPSK	M	Inner_1RB_Left	24.82	23.22	33.00	PASS
N41	30	70	DFT-16QAM	M	Inner_1RB_Left	24.34	22.74	33.00	PASS
N41	30	70	DFT-QPSK	H	Inner_1RB_Left	24.83	23.23	33.00	PASS
N41	30	70	DFT-16QAM	H	Inner_1RB_Left	24.47	22.87	33.00	PASS
N41	30	80	DFT-QPSK	L	Inner_1RB_Left	24.8	23.2	33.00	PASS
N41	30	80	DFT-16QAM	L	Inner_1RB_Left	24.41	22.81	33.00	PASS
N41	30	80	DFT-QPSK	M	Inner_1RB_Left	24.71	23.11	33.00	PASS
N41	30	80	DFT-16QAM	M	Inner_1RB_Left	24.33	22.73	33.00	PASS
N41	30	80	DFT-QPSK	H	Inner_1RB_Left	24.87	23.27	33.00	PASS
N41	30	80	DFT-16QAM	H	Inner_1RB_Left	24.41	22.81	33.00	PASS
N41	30	90	DFT-QPSK	L	Inner_1RB_Left	24.82	23.22	33.00	PASS
N41	30	90	DFT-16QAM	L	Inner_1RB_Left	24.5	22.9	33.00	PASS
N41	30	90	DFT-QPSK	M	Inner_1RB_Left	24.88	23.28	33.00	PASS
N41	30	90	DFT-16QAM	M	Inner_1RB_Left	24.49	22.89	33.00	PASS
N41	30	90	DFT-QPSK	H	Inner_1RB_Left	24.77	23.17	33.00	PASS
N41	30	90	DFT-16QAM	H	Inner_1RB_Left	24.39	22.79	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	24.82	23.22	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	25.33	23.73	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	25.08	23.48	33.00	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Left	24.92	23.32	33.00	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Right	25.16	23.56	33.00	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	24.58	22.98	33.00	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Left	24.5	22.9	33.00	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Right	24.72	23.12	33.00	PASS



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N41	30	100	DFT-16QAM	L	Outer_Full	23.6	22	33.00	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Left	22.84	21.24	33.00	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Right	23.23	21.63	33.00	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	23.13	21.53	33.00	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Left	20.79	19.19	33.00	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Right	21.02	19.42	33.00	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	21.09	19.49	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	24.87	23.27	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	25.15	23.55	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	25.06	23.46	33.00	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Left	24.97	23.37	33.00	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Right	25.19	23.59	33.00	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	24.64	23.04	33.00	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Left	24.39	22.79	33.00	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Right	24.76	23.16	33.00	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	23.58	21.98	33.00	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Left	22.8	21.2	33.00	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Right	23.2	21.6	33.00	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	23.1	21.5	33.00	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Left	20.74	19.14	33.00	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Right	21.04	19.44	33.00	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	21.04	19.44	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	24.77	23.17	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	25.31	23.71	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	25.02	23.42	33.00	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Left	24.8	23.2	33.00	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Right	25.36	23.76	33.00	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	24.49	22.89	33.00	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Left	24.27	22.67	33.00	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Right	24.93	23.33	33.00	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	23.55	21.95	33.00	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Left	22.7	21.1	33.00	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Right	23.32	21.72	33.00	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	23.04	21.44	33.00	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Left	20.62	19.02	33.00	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Right	21.19	19.59	33.00	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	21.02	19.42	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	6.60	≤13	PASS
N41	30	100	CP-256QAM	L	Outer_Full	6.59	≤13	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	6.61	≤13	PASS
N41	30	100	CP-256QAM	M	Outer_Full	6.60	≤13	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	6.59	≤13	PASS
N41	30	100	CP-256QAM	H	Outer_Full	6.61	≤13	PASS



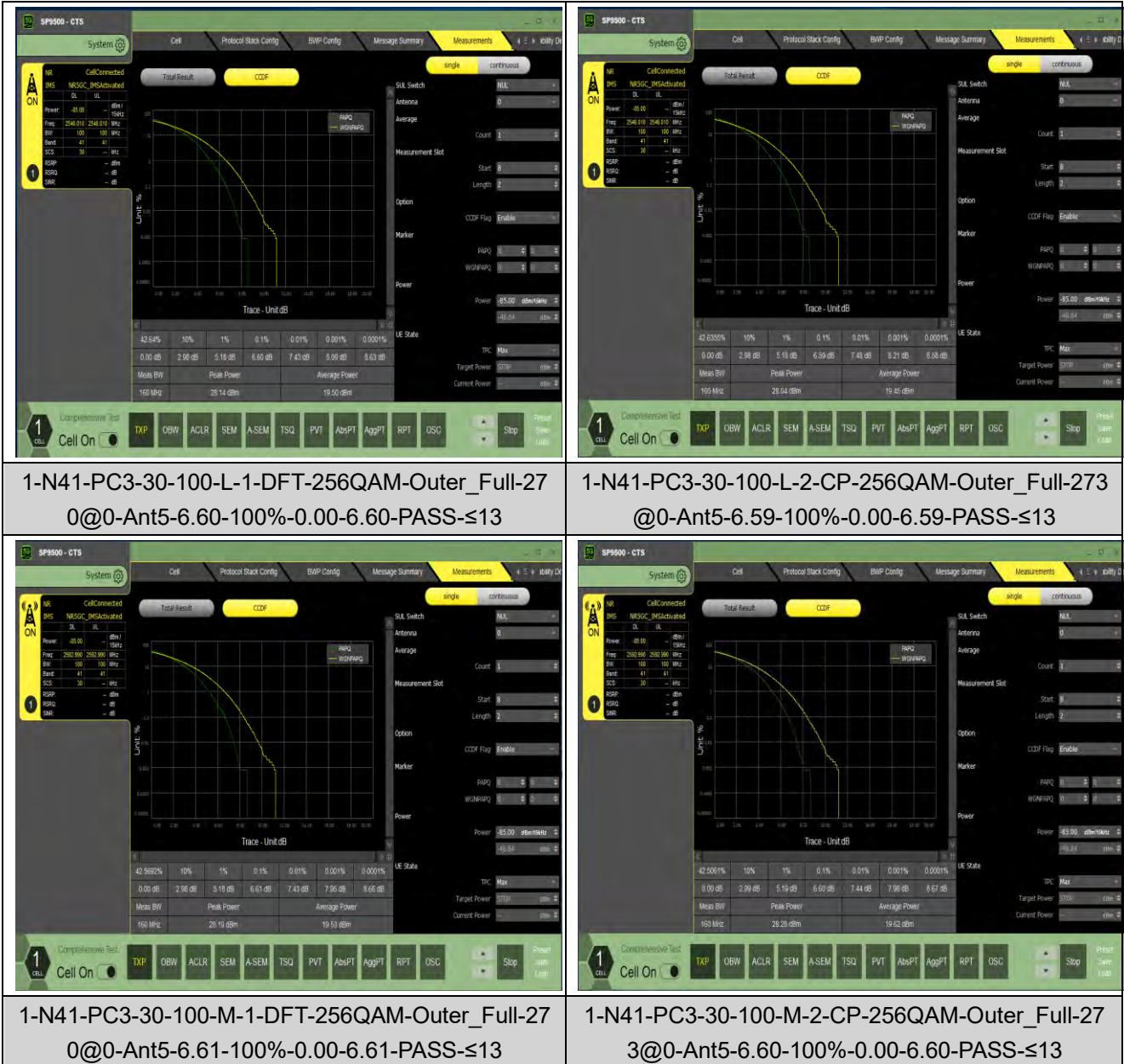
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Test Graphs



1-N41-PC3-30-100-L-1-DFT-256QAM-Outer_Full-27
0@0-Ant5-6.60-100%-0.00-6.60-PASS-≤13

1-N41-PC3-30-100-L-2-CP-256QAM-Outer_Full-273
@0-Ant5-6.59-100%-0.00-6.59-PASS-≤13

1-N41-PC3-30-100-M-1-DFT-256QAM-Outer_Full-27
0@0-Ant5-6.61-100%-0.00-6.61-PASS-≤13

1-N41-PC3-30-100-M-2-CP-256QAM-Outer_Full-27
3@0-Ant5-6.60-100%-0.00-6.60-PASS-≤13

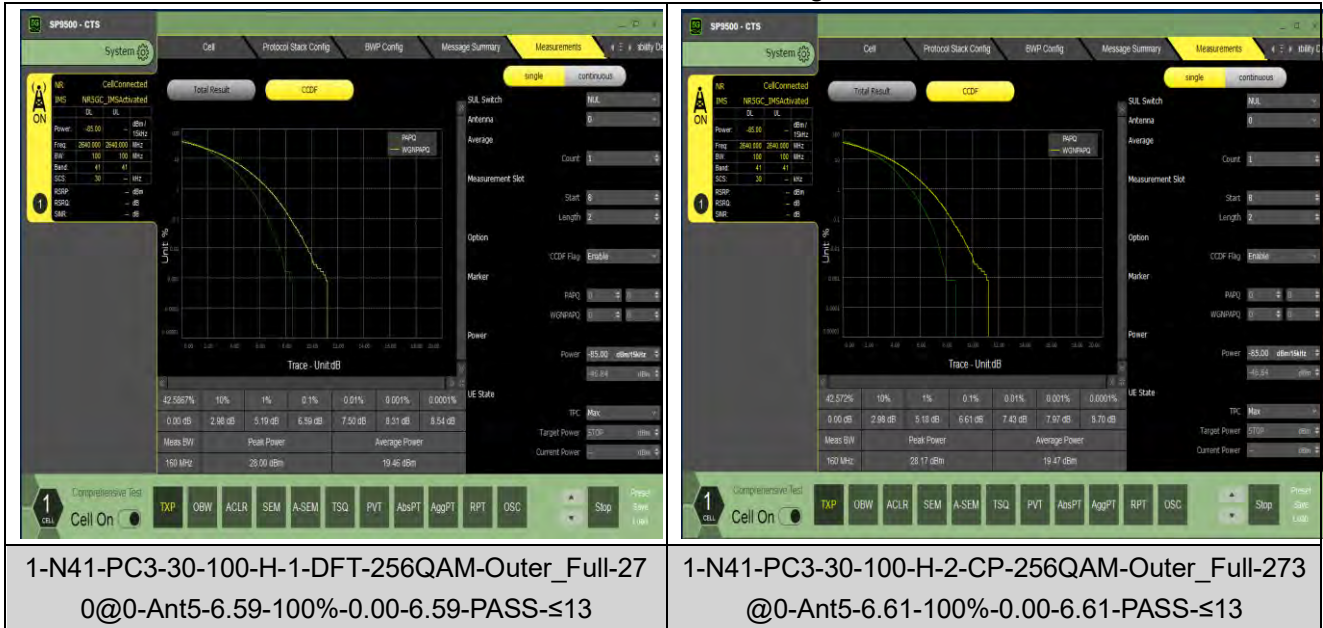


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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41	30	10	DFT-QPSK	M	Outer_Full	8.591	9.600	PASS
N41	30	10	DFT-PI2BPSK	M	Outer_Full	8.612	9.600	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	8.55	9.540	PASS
N41	30	10	DFT-64QAM	M	Outer_Full	8.557	9.780	PASS
N41	30	10	DFT-256QAM	M	Outer_Full	8.614	9.940	PASS
N41	30	10	CP-QPSK	M	Outer_Full	8.567	9.660	PASS
N41	30	10	CP-16QAM	M	Outer_Full	8.599	9.480	PASS
N41	30	10	CP-64QAM	M	Outer_Full	8.572	9.500	PASS
N41	30	10	CP-256QAM	M	Outer_Full	8.575	9.480	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	12.868	13.980	PASS
N41	30	15	DFT-PI2BPSK	M	Outer_Full	12.874	13.860	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	12.831	13.890	PASS
N41	30	15	DFT-64QAM	M	Outer_Full	12.872	13.950	PASS
N41	30	15	DFT-256QAM	M	Outer_Full	12.803	13.710	PASS
N41	30	15	CP-QPSK	M	Outer_Full	13.576	14.730	PASS
N41	30	15	CP-16QAM	M	Outer_Full	13.639	14.730	PASS
N41	30	15	CP-64QAM	M	Outer_Full	13.565	15.090	PASS
N41	30	15	CP-256QAM	M	Outer_Full	13.562	14.820	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.849	19.200	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.865	19.040	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.878	19.040	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.789	19.440	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.777	19.040	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.263	19.400	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.242	19.440	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.258	19.880	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.235	19.840	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.804	28.440	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.777	28.440	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.858	28.020	PASS



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N41	30	30	DFT-64QAM	M	Outer_Full	26.848	28.500	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.85	28.380	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.805	29.520	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.87	29.280	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.884	29.700	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.86	28.980	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.698	37.840	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.779	37.600	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.82	37.360	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.832	37.520	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.726	37.440	PASS
N41	30	40	CP-QPSK	M	Outer_Full	37.931	39.680	PASS
N41	30	40	CP-16QAM	M	Outer_Full	37.988	39.920	PASS
N41	30	40	CP-64QAM	M	Outer_Full	37.922	39.680	PASS
N41	30	40	CP-256QAM	M	Outer_Full	37.853	39.920	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.765	47.700	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.761	48.000	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.798	47.800	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.781	47.800	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.681	47.700	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.499	49.300	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.474	49.800	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.685	49.300	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.413	49.200	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.863	60.480	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.847	60.120	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.864	59.760	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.845	59.760	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.866	59.880	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.862	60.000	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.825	60.120	PASS
N41	30	60	CP-64QAM	M	Outer_Full	57.924	59.880	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.858	60.000	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.23	66.220	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.465	66.640	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	63.991	66.640	PASS
N41	30	70	DFT-64QAM	M	Outer_Full	64.209	66.220	PASS



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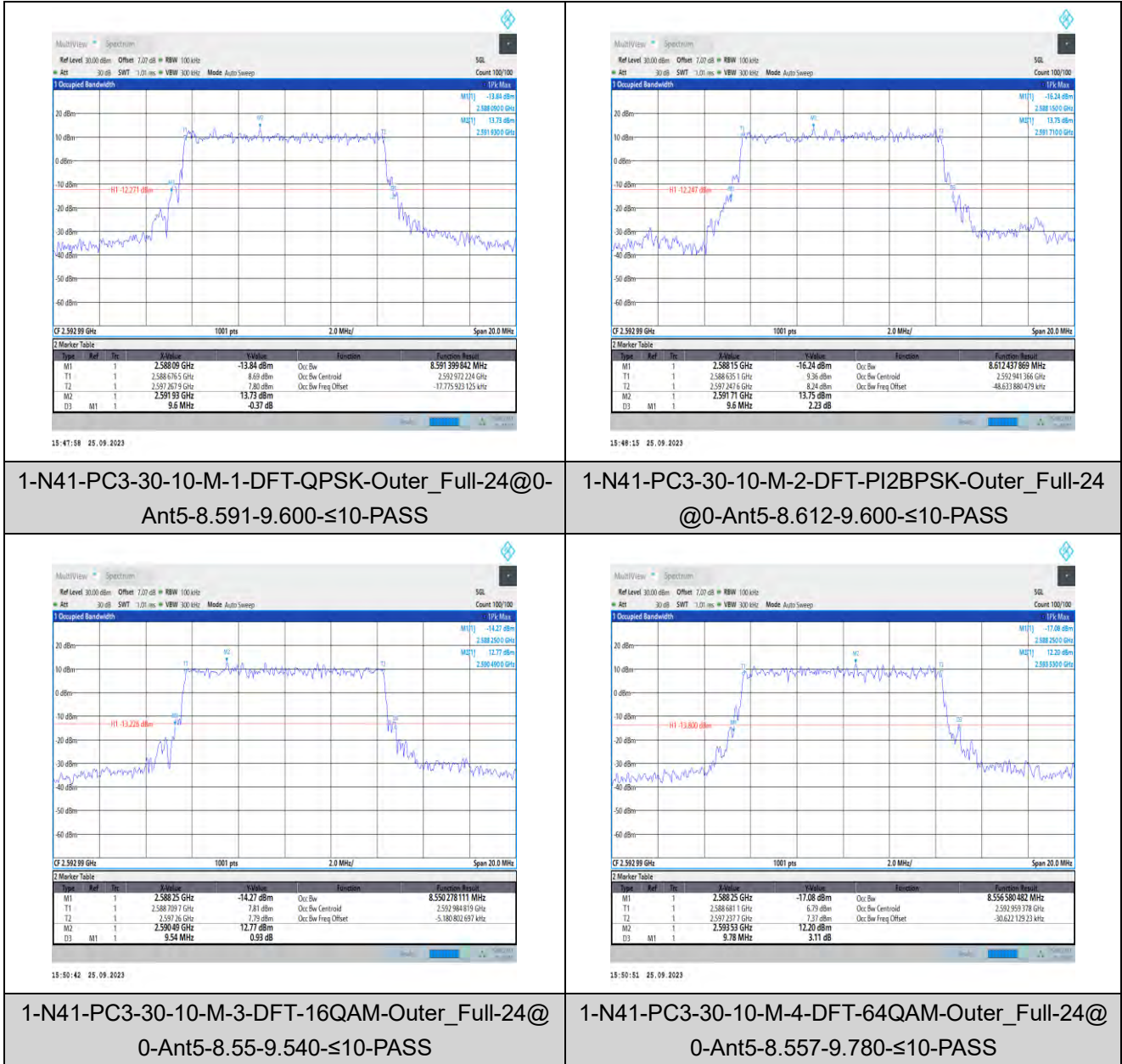
N41	30	70	DFT-256QAM	M	Outer_Full	64.299	66.640	PASS
N41	30	70	CP-QPSK	M	Outer_Full	67.447	69.720	PASS
N41	30	70	CP-16QAM	M	Outer_Full	67.413	69.580	PASS
N41	30	70	CP-64QAM	M	Outer_Full	67.53	69.440	PASS
N41	30	70	CP-256QAM	M	Outer_Full	67.325	69.300	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.13	80.320	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.379	80.160	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	76.98	80.000	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.032	80.320	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.277	80.320	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.51	80.800	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.475	80.800	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.295	80.640	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.29	80.480	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.514	89.280	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.701	88.560	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.909	89.100	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.712	88.920	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	85.56	89.100	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.563	90.720	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.386	90.900	PASS
N41	30	90	CP-64QAM	M	Outer_Full	87.511	90.900	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.331	90.900	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.292	99.800	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.135	99.800	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.403	99.800	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.311	99.800	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.452	100.200	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.366	100.800	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.342	101.000	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.262	100.800	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.572	101.000	PASS



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Test Graphs



1-N41-PC3-30-10-M-1-DFT-QPSK-Outer_Full-24@-0-Ant5-8.591-9.600-≤10-PASS

1-N41-PC3-30-10-M-2-DFT-PI2BPSK-Outer_Full-24@0-Ant5-8.612-9.600-≤10-PASS

1-N41-PC3-30-10-M-3-DFT-16QAM-Outer_Full-24@0-Ant5-8.55-9.540-≤10-PASS

1-N41-PC3-30-10-M-4-DFT-64QAM-Outer_Full-24@0-Ant5-8.557-9.780-≤10-PASS



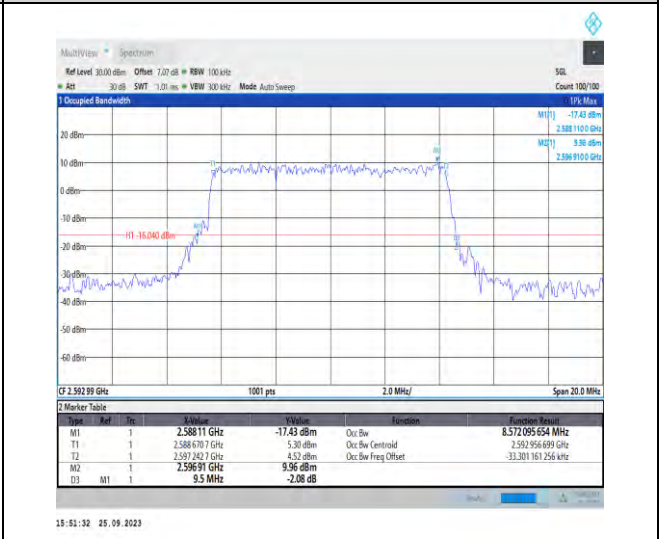
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1-N41-PC3-30-10-M-5-DFT-256QAM-Outer_Full-24@0-Ant5-8.614-9.940-≤10-PASS

1-N41-PC3-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant5-8.567-9.660-≤10-PASS



1-N41-PC3-30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant5-8.599-9.480-≤10-PASS

1-N41-PC3-30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant5-8.572-9.500-≤10-PASS

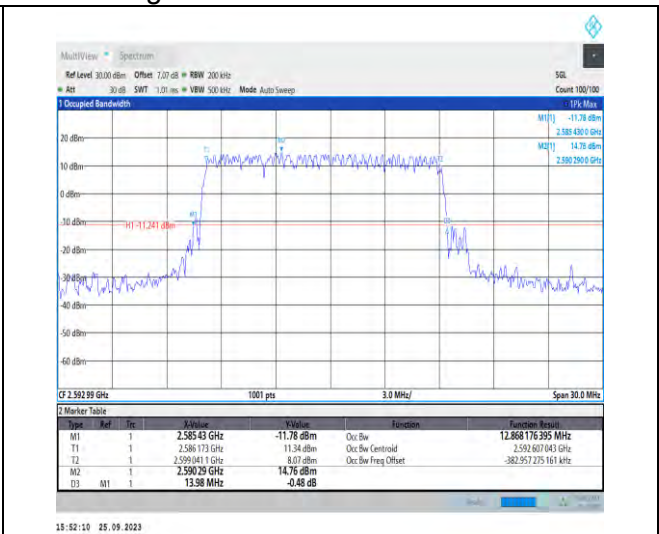


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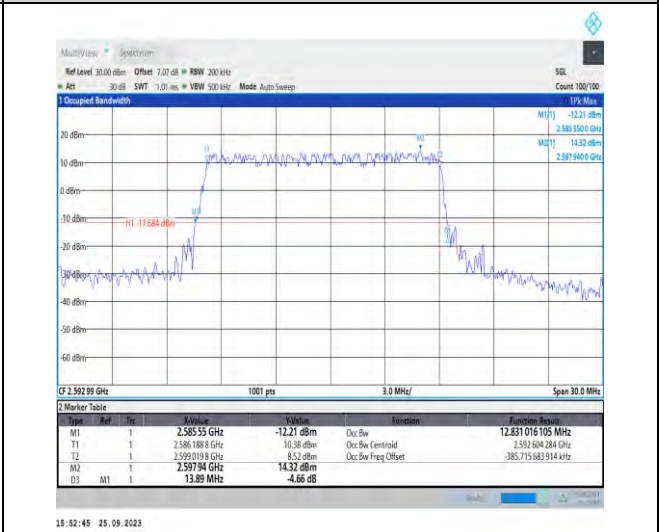
1-N41-PC3-30-10-M-9-CP-256QAM-Outer_Full-24@
0-Ant5-8.575-9.480-<=10-PASS



1-N41-PC3-30-15-M-1-DFT-QPSK-Outer_Full-36@
0-Ant5-12.868-13.980-<=15-PASS



1-N41-PC3-30-15-M-2-DFT-PI2BPSK-Outer_Full-36@
0-Ant5-12.874-13.860-<=15-PASS

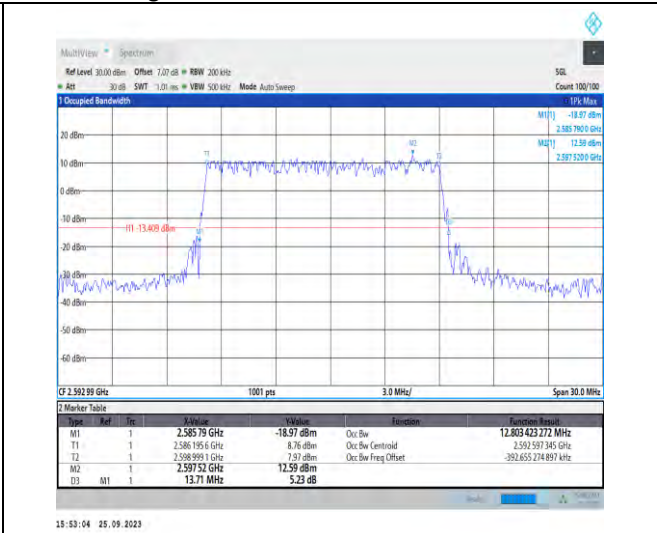
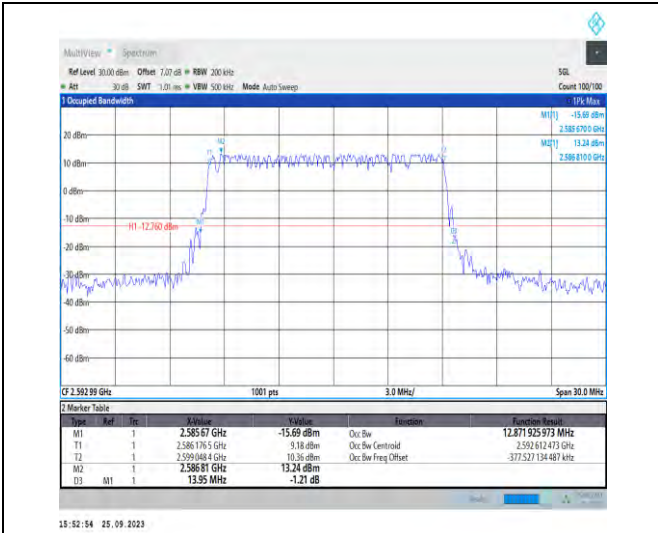


1-N41-PC3-30-15-M-3-DFT-16QAM-Outer_Full-36@
0-Ant5-12.831-13.890-<=15-PASS



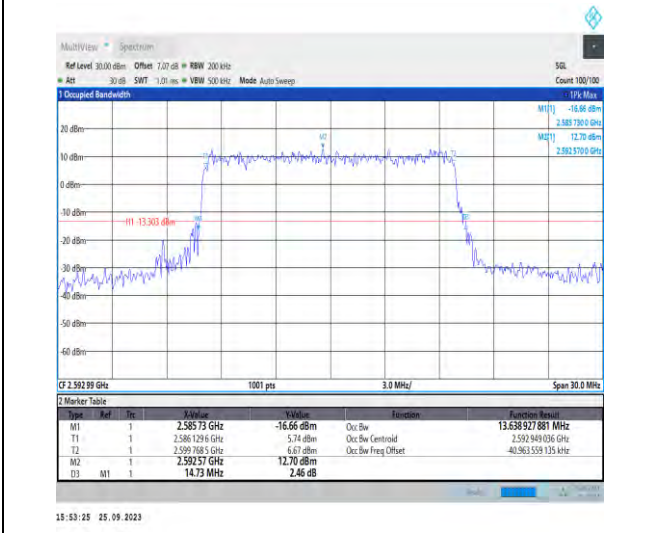
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1-N41-PC3-30-15-M-4-DFT-64QAM-Outer_Full-36@0-Ant5-12.872-13.950-≤15-PASS

1-N41-PC3-30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant5-12.803-13.710-≤15-PASS



1-N41-PC3-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant5-13.576-14.730-≤15-PASS

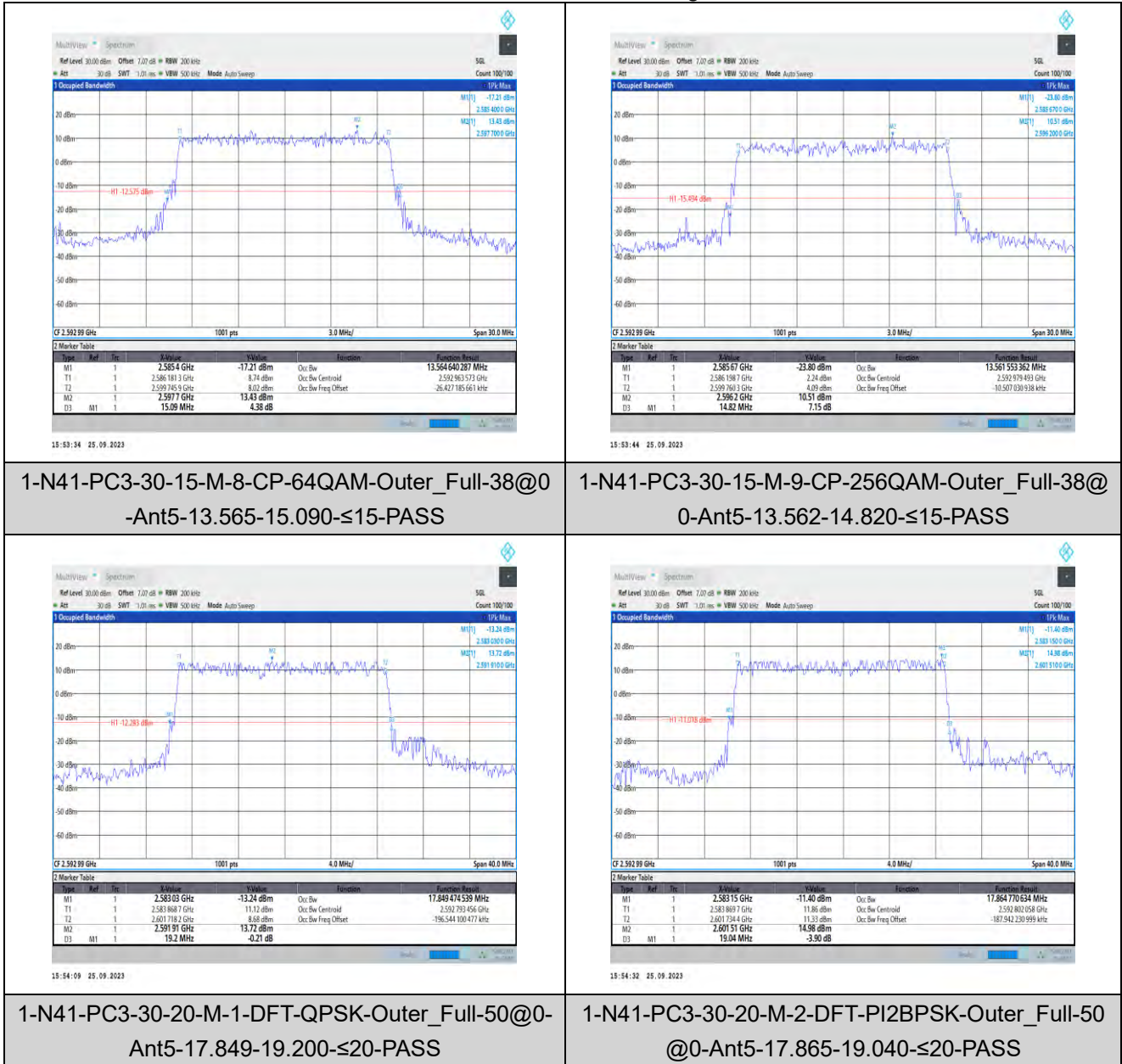
1-N41-PC3-30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant5-13.639-14.730-≤15-PASS



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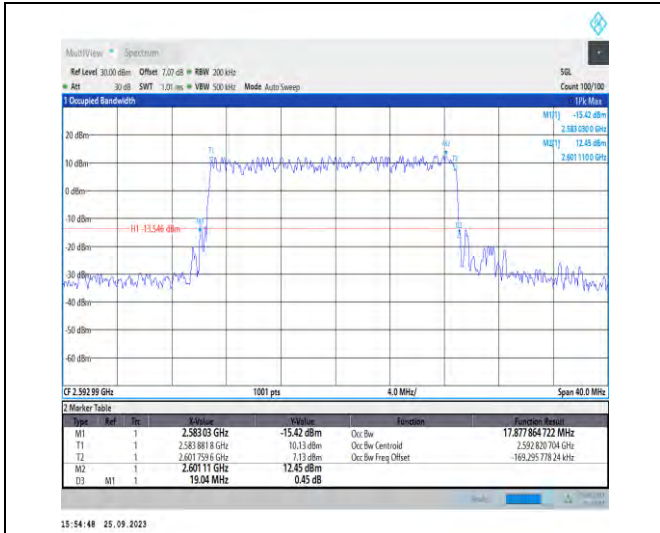
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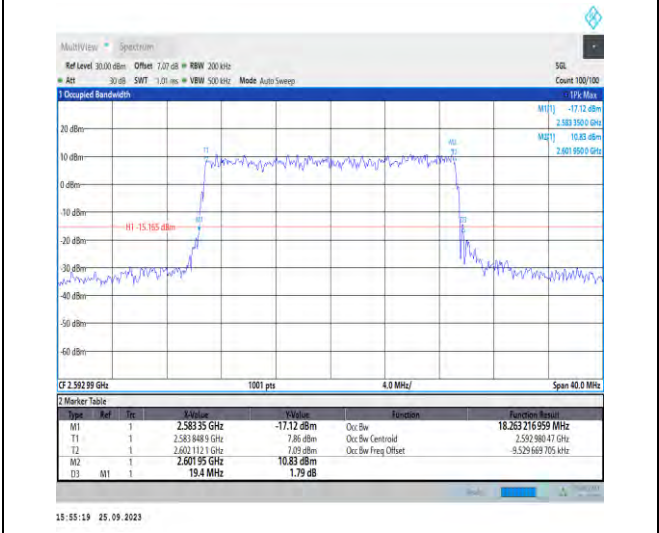
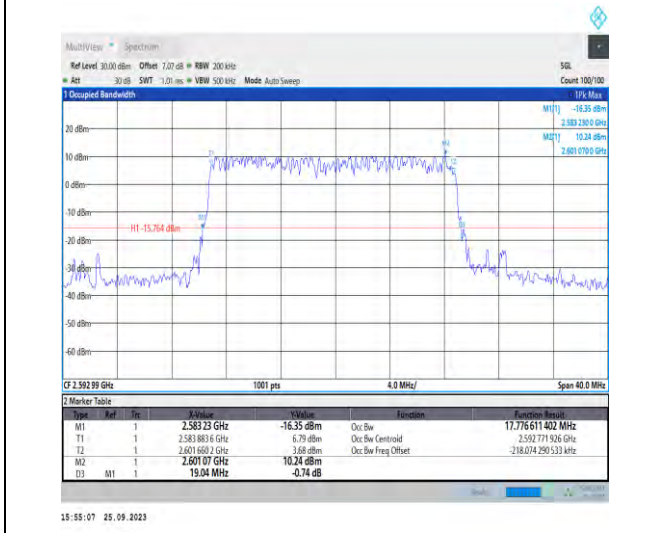
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1-N41-PC3-30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant5-17.878-19.040-≤20-PASS

1-N41-PC3-30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant5-17.789-19.440-≤20-PASS



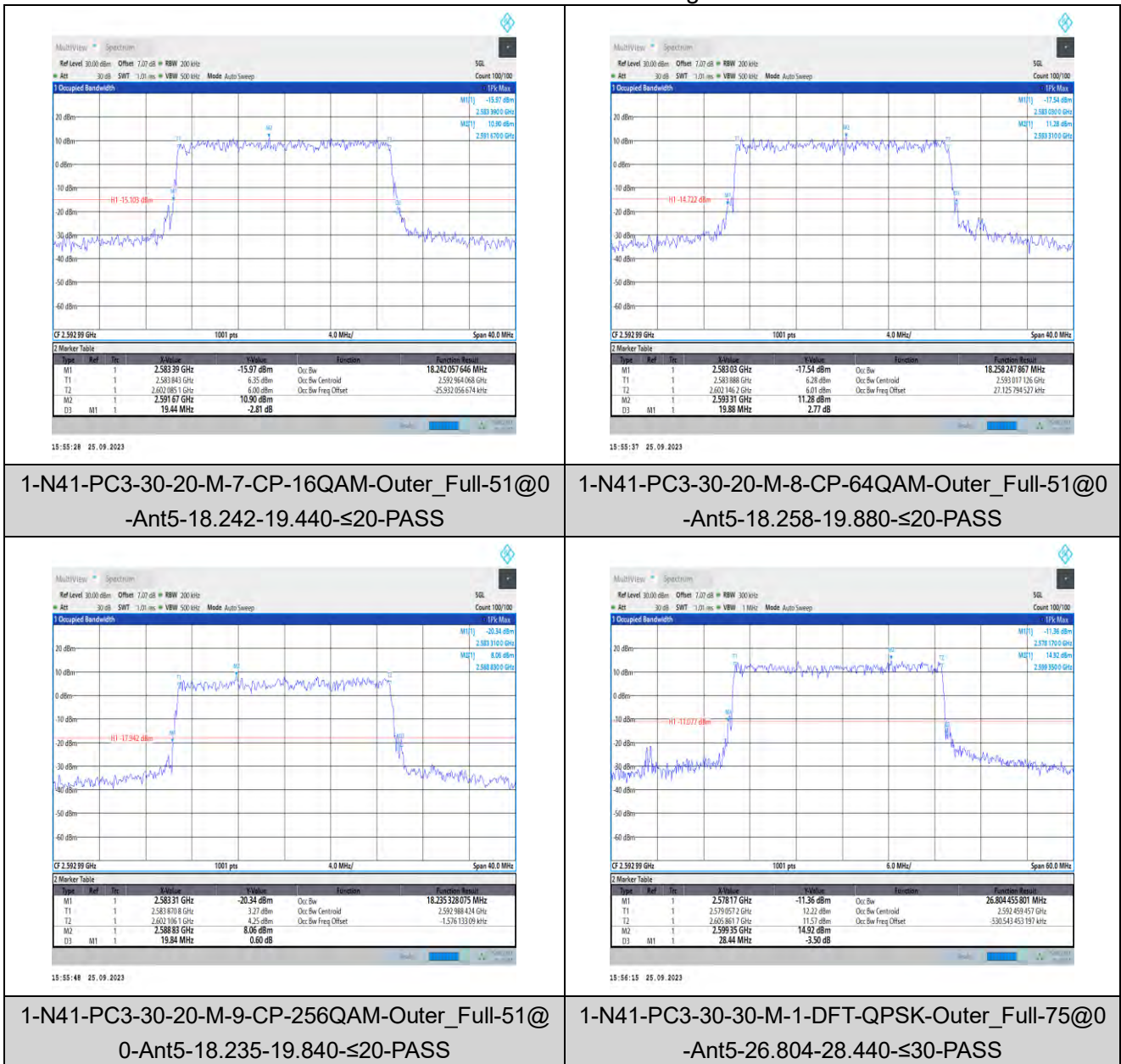
1-N41-PC3-30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant5-17.777-19.040-≤20-PASS

1-N41-PC3-30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant5-18.263-19.400-≤20-PASS



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1-N41-PC3-30-30-M-2-DFT-PI2BPSK-Outer_Full-75 @0-Ant5-26.777-28.440-≤30-PASS

1-N41-PC3-30-30-M-3-DFT-16QAM-Outer_Full-75 @0-Ant5-26.858-28.020-≤30-PASS



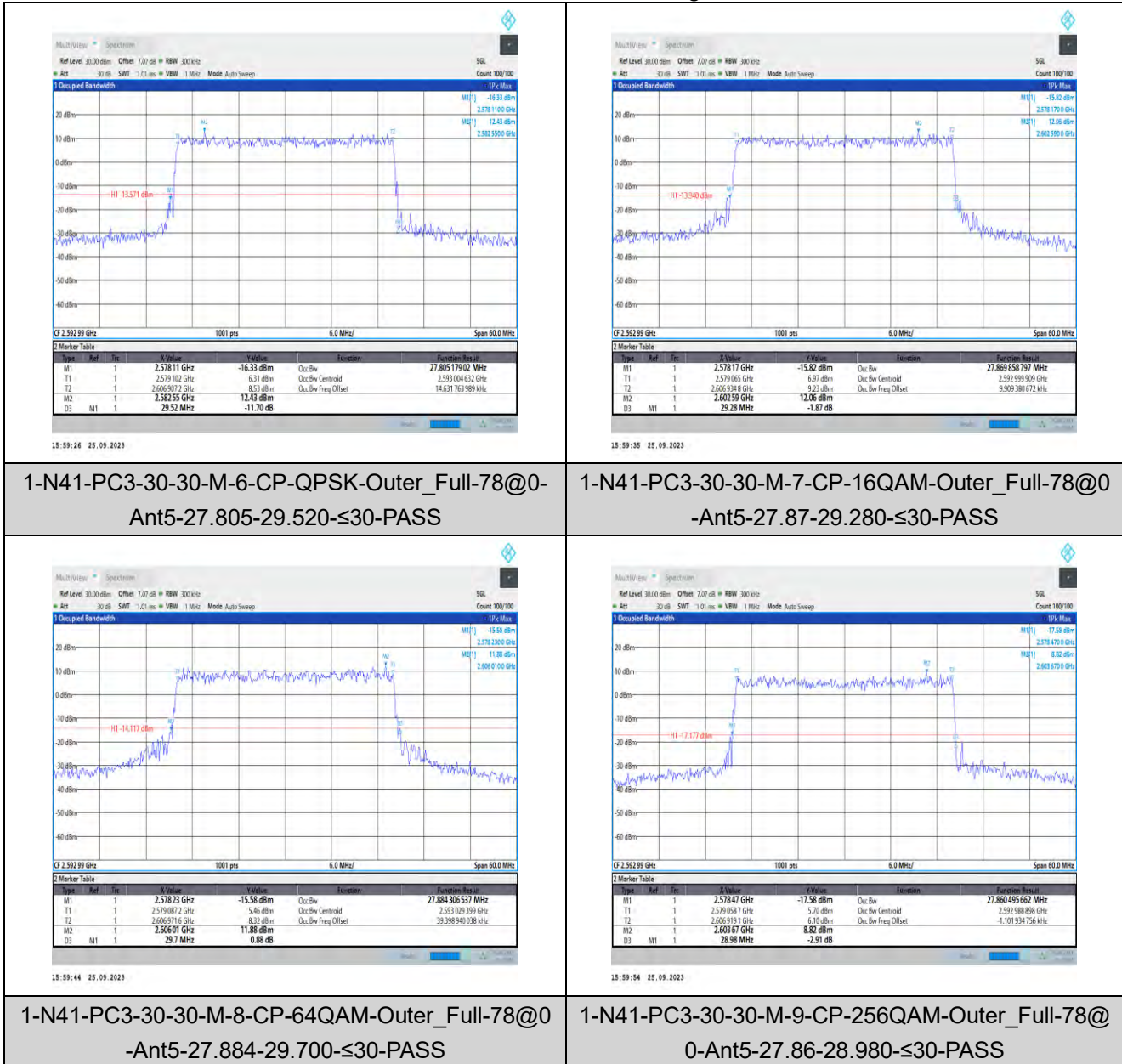
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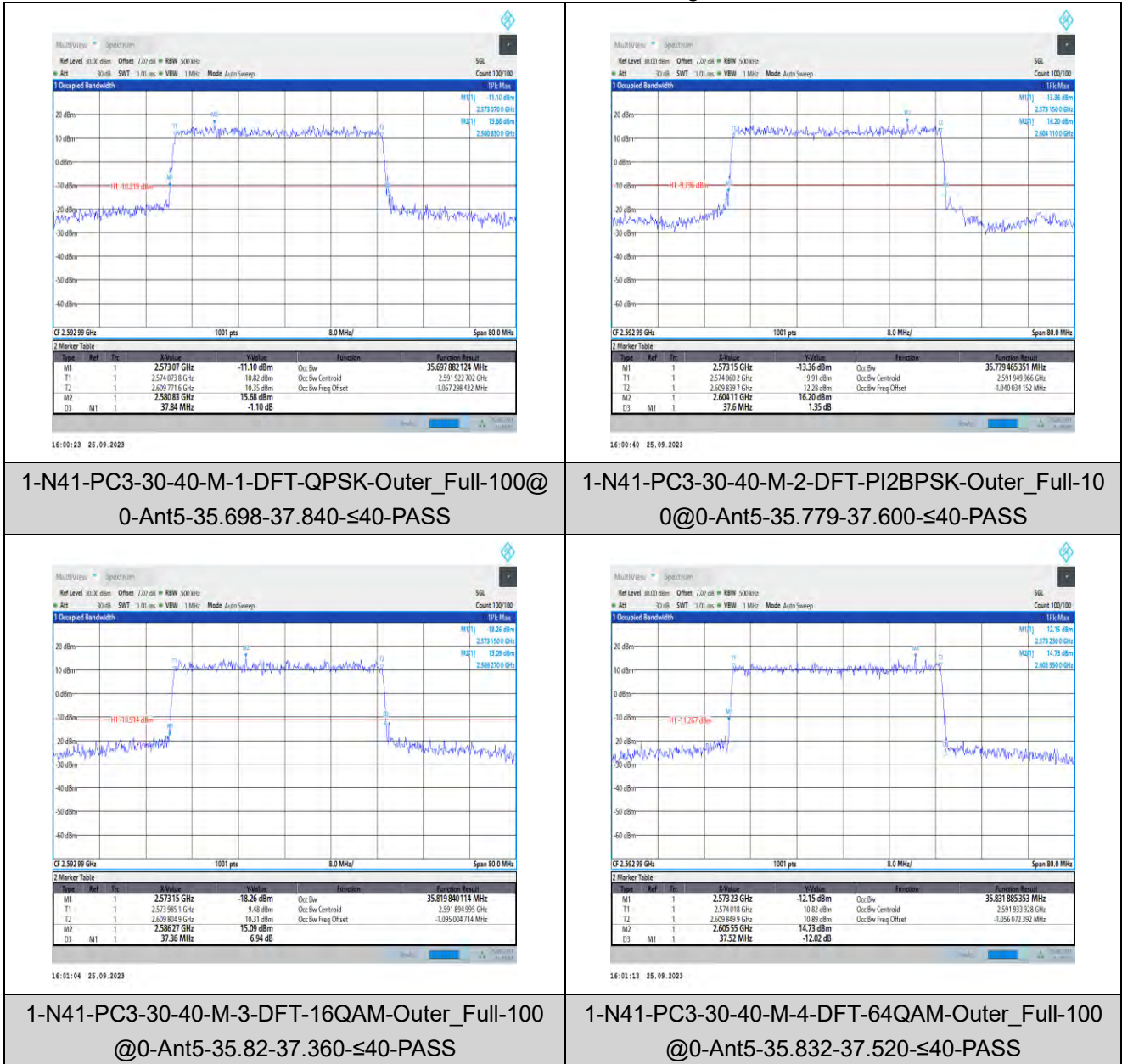
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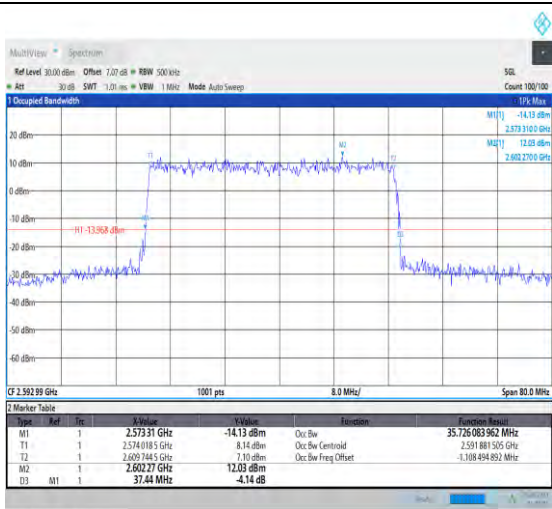
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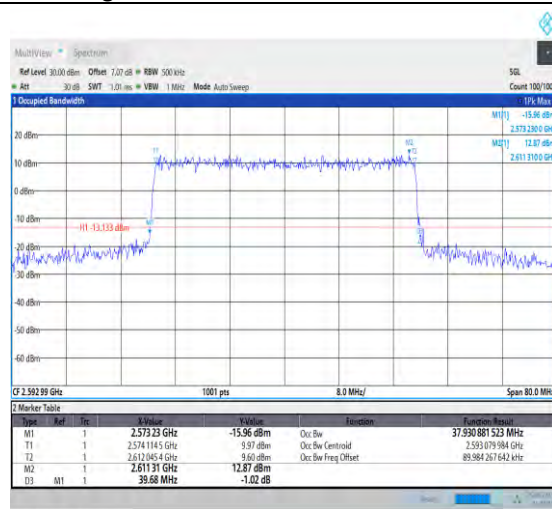
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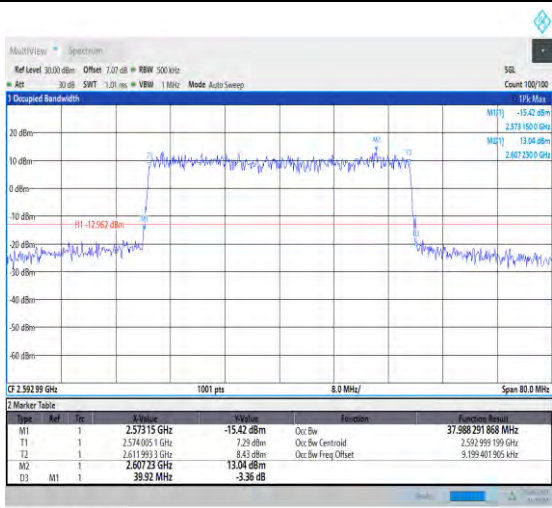
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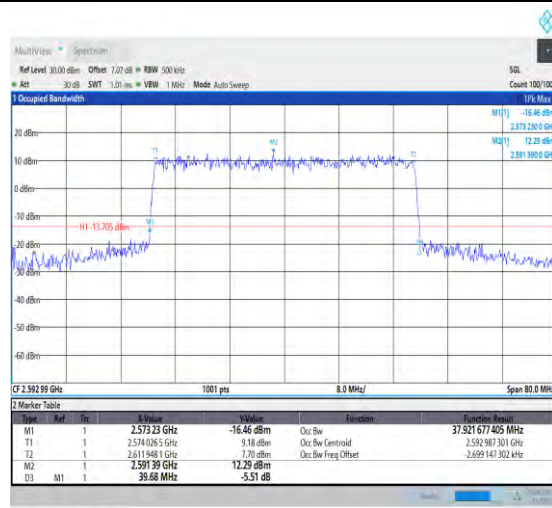
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1-N41-PC3-30-40-M-6-CP-QPSK-Outer_Full-106@0 -Ant5-37.931-39.680-≤40-PASS



1-N41-PC3-30-40-M-7-CP-16QAM-Outer_Full-106@0-Ant5-37.988-39.920-≤40-PASS

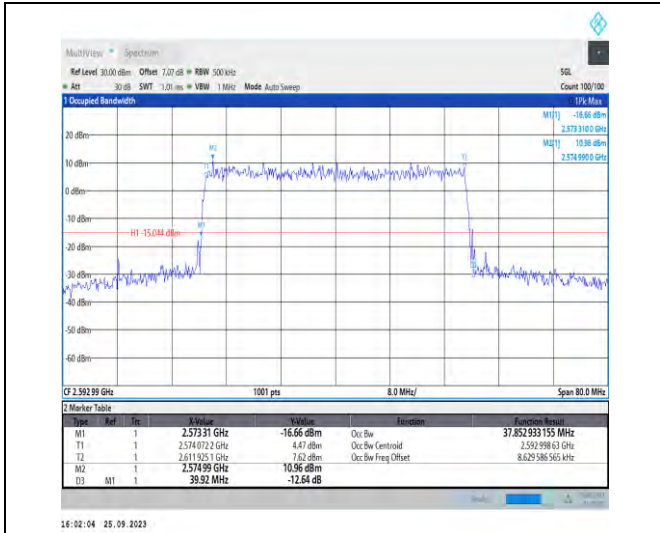


1-N41-PC3-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant5-37.922-39.680-≤40-PASS



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1-N41-PC3-30-40-M-9-CP-256QAM-Outer_Full-106 @0-Ant5-37.853-39.920-≤40-PASS

1-N41-PC3-30-50-M-1-DFT-QPSK-Outer_Full-128 @0-Ant5-45.765-47.700-≤50-PASS



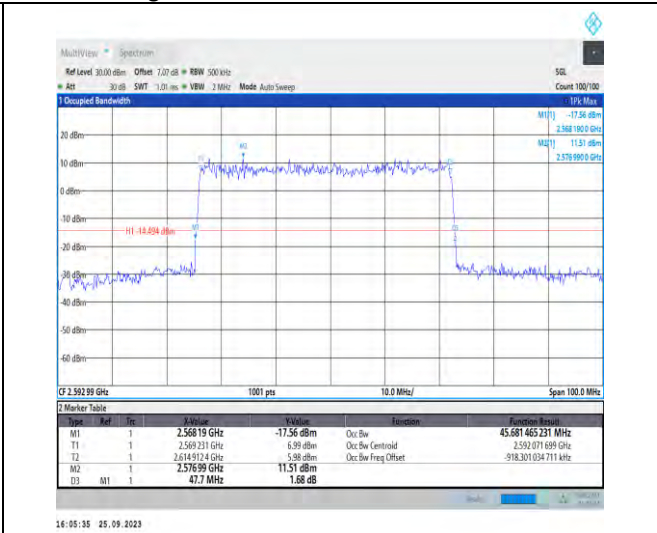
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1-N41-PC3-30-50-M-3-DFT-16QAM-Outer_Full-128 @0-Ant5-45.798-47.800-≤50-PASS



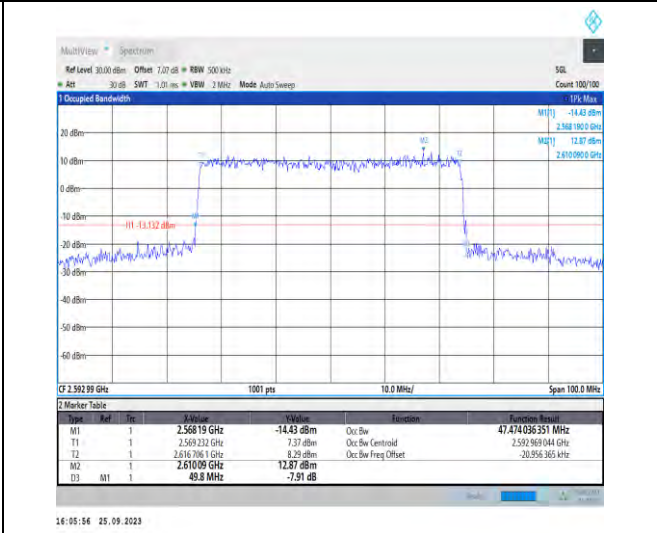
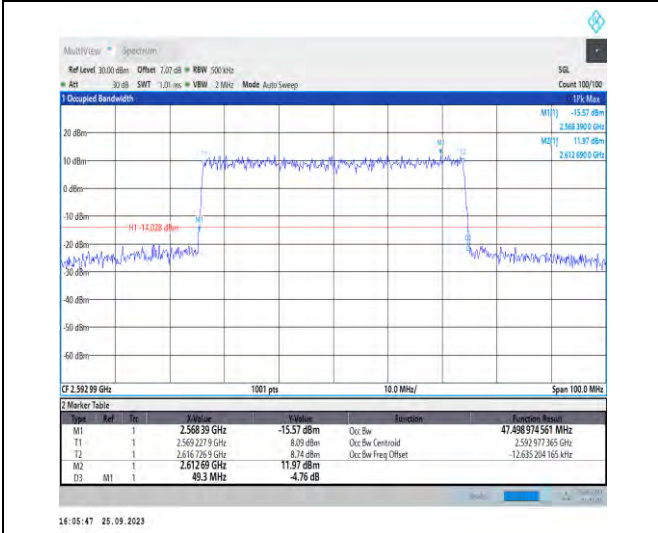
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1-N41-PC3-30-50-M-4-DFT-64QAM-Outer_Full-128 @0-Ant5-45.781-47.800-≤50-PASS

1-N41-PC3-30-50-M-5-DFT-256QAM-Outer_Full-128 @0-Ant5-45.681-47.700-≤50-PASS



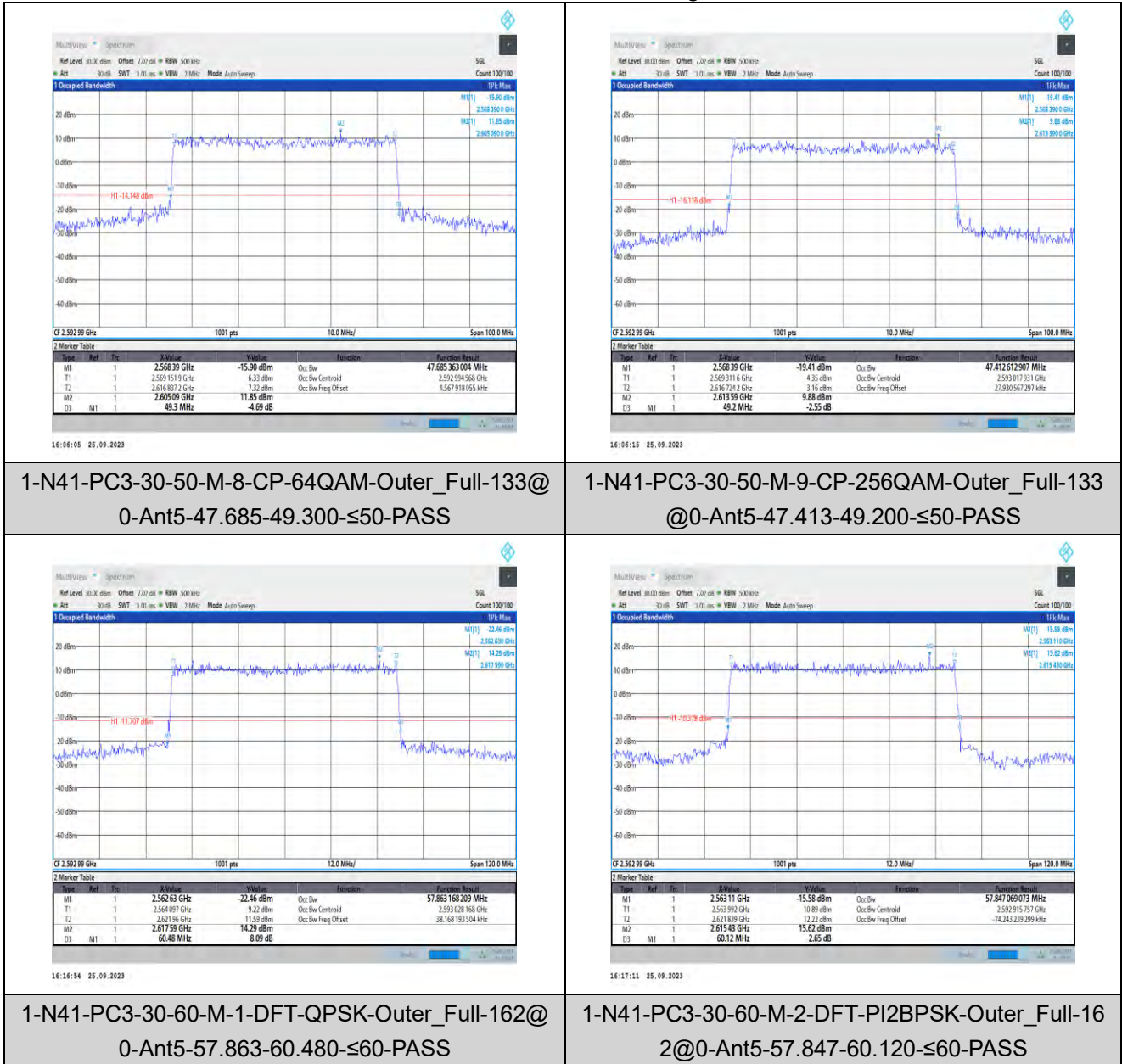
1-N41-PC3-30-50-M-6-CP-QPSK-Outer_Full-133@0 -Ant5-47.499-49.300-≤50-PASS

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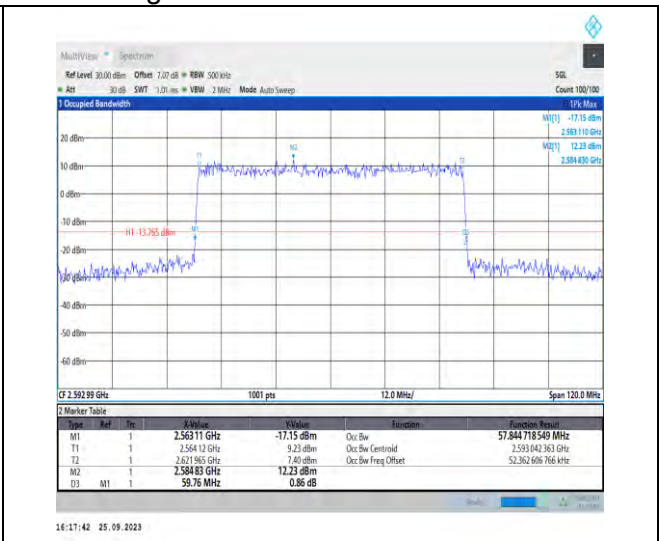
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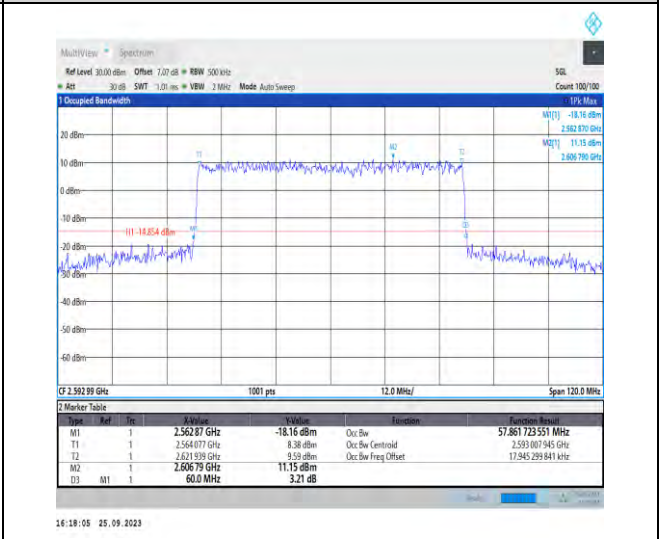
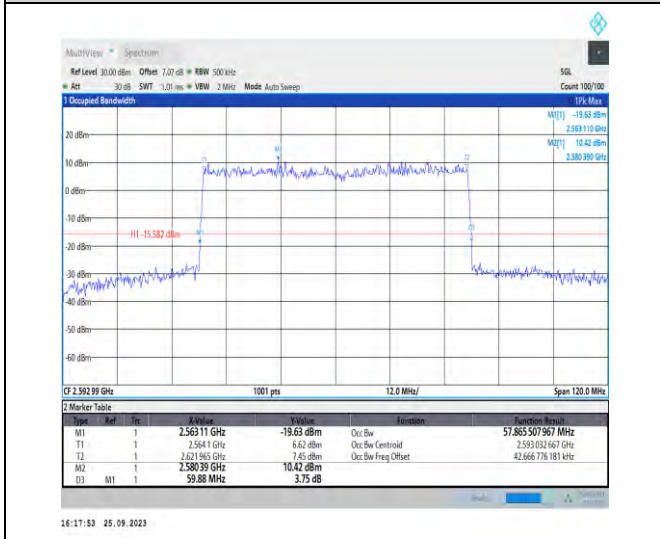
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1-N41-PC3-30-60-M-3-DFT-16QAM-Outer_Full-162 @0-Ant5-57.864-59.760-≤60-PASS

1-N41-PC3-30-60-M-4-DFT-64QAM-Outer_Full-162 @0-Ant5-57.845-59.760-≤60-PASS



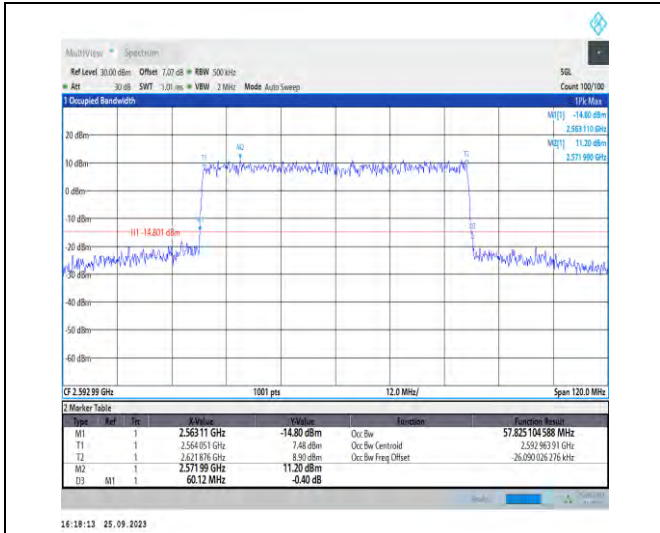
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1-N41-PC3-30-60-M-6-CP-QPSK-Outer_Full-162@0-Ant5-57.862-60.000-≤60-PASS



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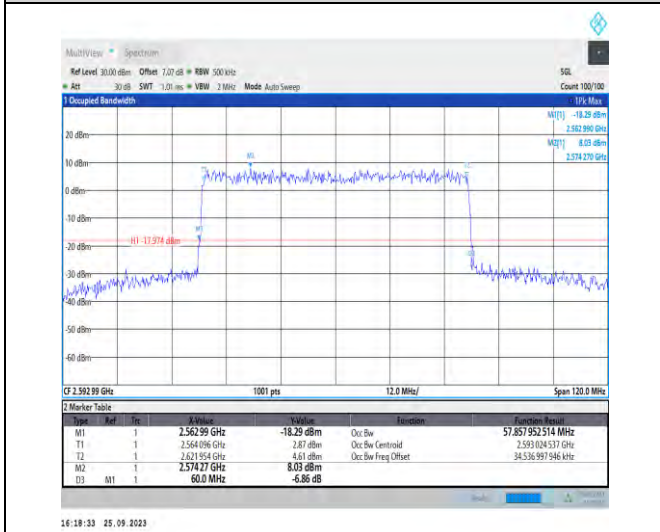
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1-N41-PC3-30-60-M-8-CP-64QAM-Outer_Full-162@
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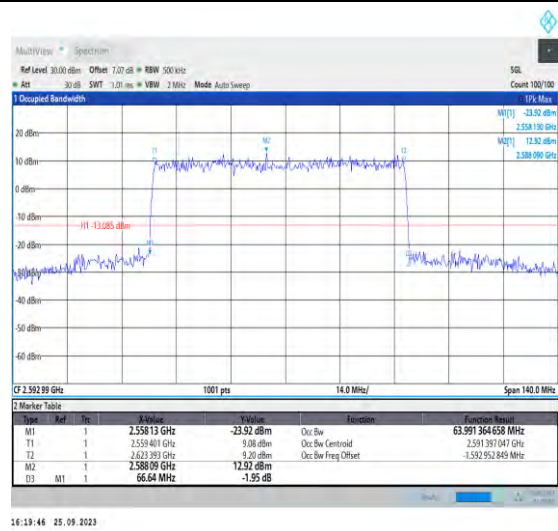
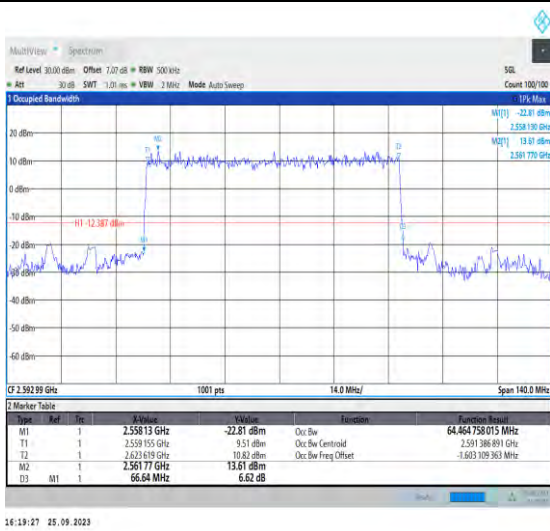


1-N41-PC3-30-70-M-1-DFT-QPSK-Outer_Full-180@
0-Ant5-64.23-66.220-≤70-PASS



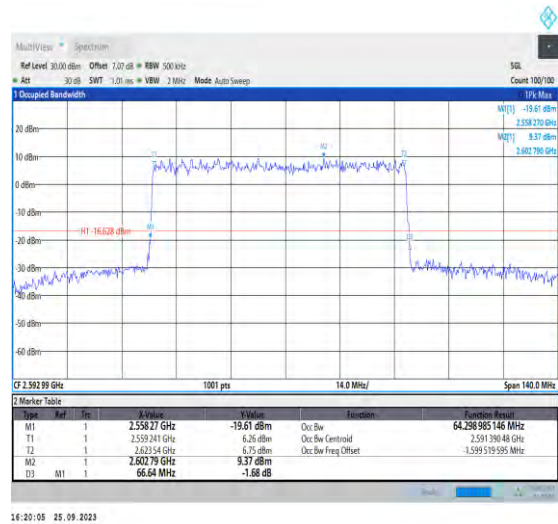
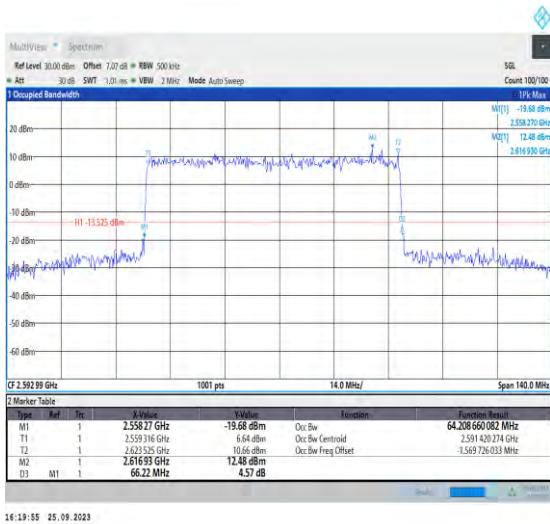
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1-N41-PC3-30-70-M-2-DFT-PI2BPSK-Outer_Full-180 @0-Ant5-64.465-66.640-≤70-PASS

1-N41-PC3-30-70-M-3-DFT-16QAM-Outer_Full-180 @0-Ant5-63.991-66.640-≤70-PASS



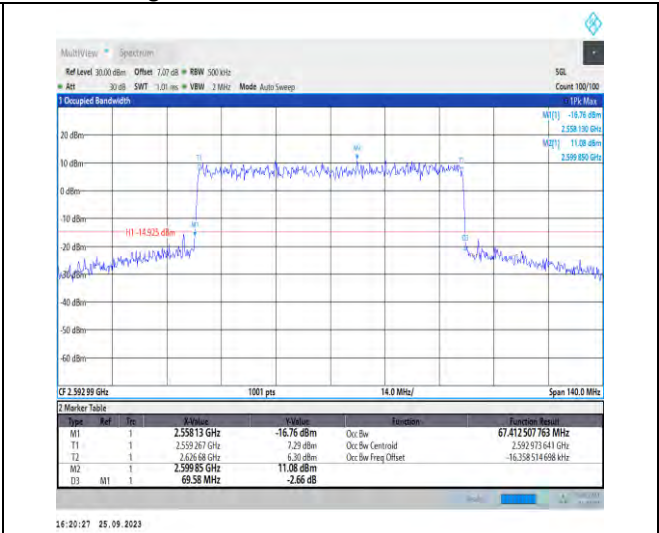
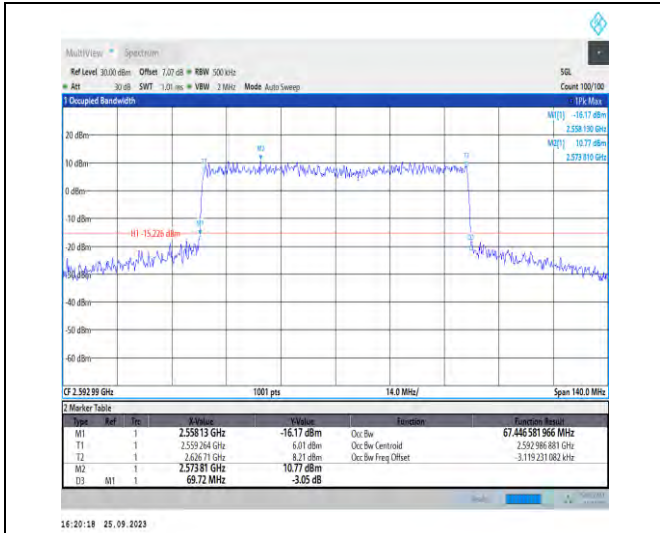
1-N41-PC3-30-70-M-4-DFT-64QAM-Outer_Full-180 @0-Ant5-64.209-66.220-≤70-PASS

1-N41-PC3-30-70-M-5-DFT-256QAM-Outer_Full-180 @0-Ant5-64.299-66.640-≤70-PASS



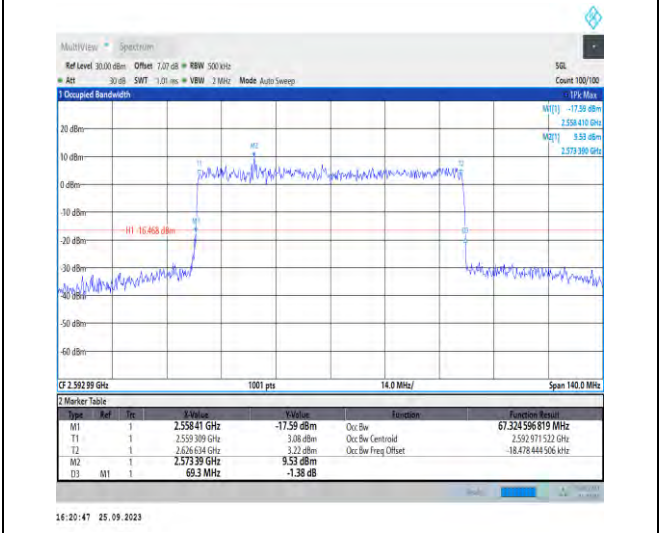
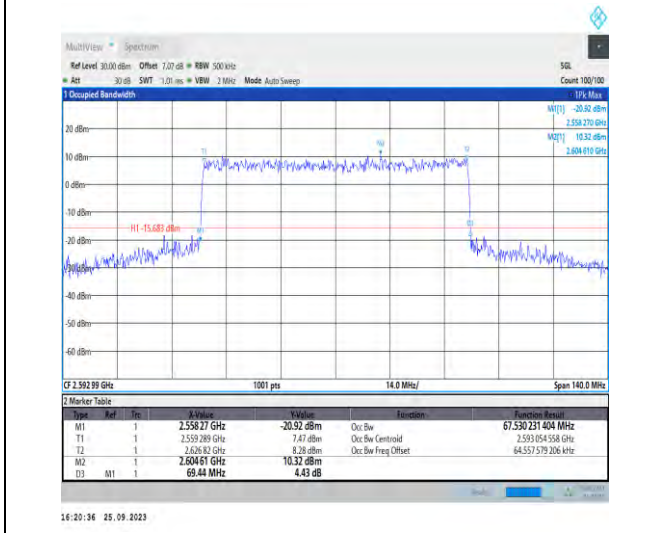
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1-N41-PC3-30-70-M-6-CP-QPSK-Outer_Full-189@0
-Ant5-67.447-69.720-≤70-PASS

1-N41-PC3-30-70-M-7-CP-16QAM-Outer_Full-189@0
-Ant5-67.413-69.580-≤70-PASS



1-N41-PC3-30-70-M-8-CP-64QAM-Outer_Full-189@0
-Ant5-67.53-69.440-≤70-PASS

1-N41-PC3-30-70-M-9-CP-256QAM-Outer_Full-189@0
-Ant5-67.325-69.300-≤70-PASS



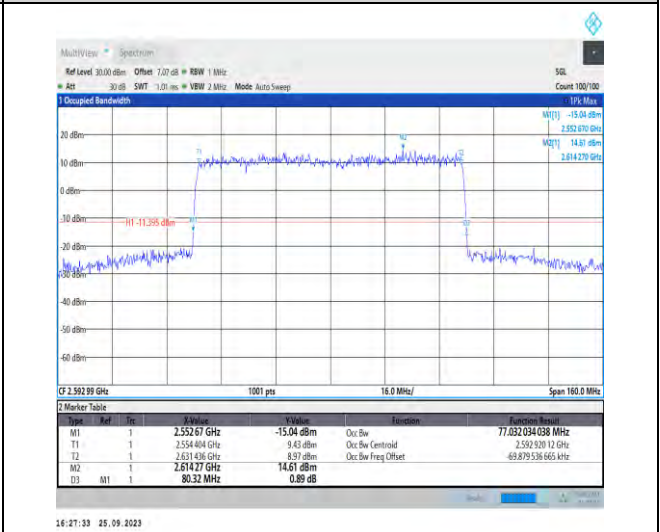
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1-N41-PC3-30-80-M-1-DFT-QPSK-Outer_Full-216@0-Ant5-77.13-80.320-≤80-PASS

1-N41-PC3-30-80-M-2-DFT-PI2BPSK-Outer_Full-216@0-Ant5-77.379-80.160-≤80-PASS



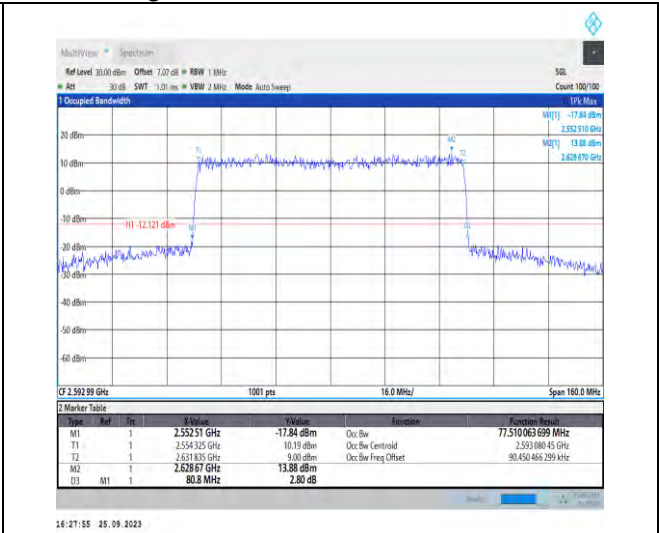
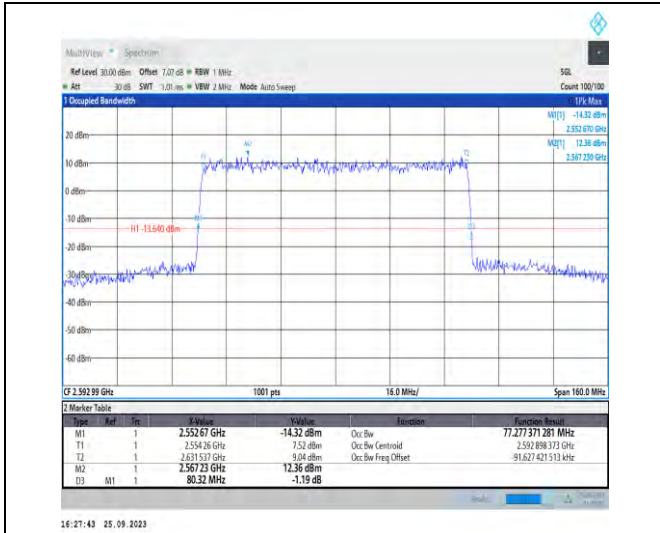
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1-N41-PC3-30-80-M-4-DFT-64QAM-Outer_Full-216@0-Ant5-77.032-80.320-≤80-PASS



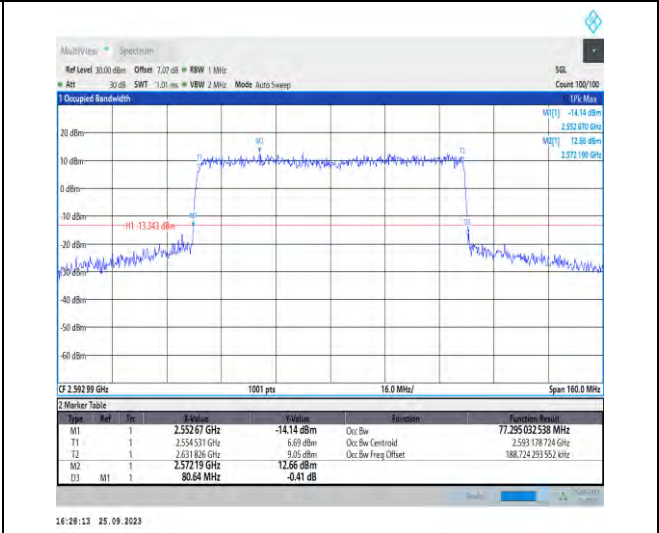
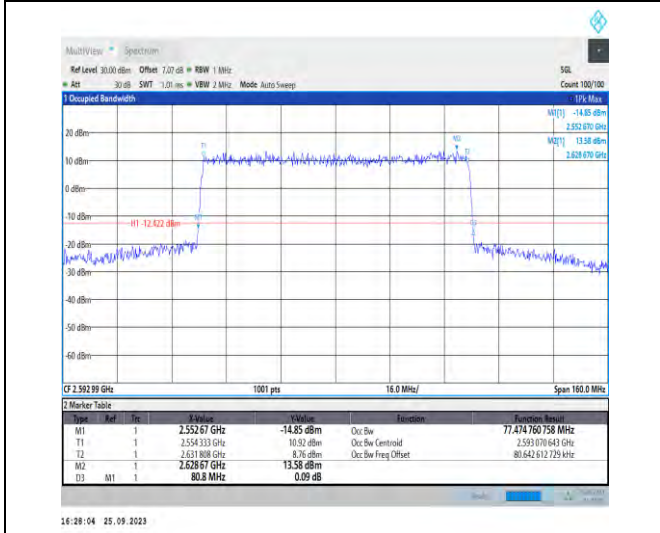
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1-N41-PC3-30-80-M-5-DFT-256QAM-Outer_Full-216 @0-Ant5-77.277-80.320-<80-PASS

1-N41-PC3-30-80-M-6-CP-QPSK-Outer_Full-217@0-Ant5-77.51-80.800-<80-PASS



1-N41-PC3-30-80-M-7-CP-16QAM-Outer_Full-217@0-Ant5-77.475-80.800-<80-PASS

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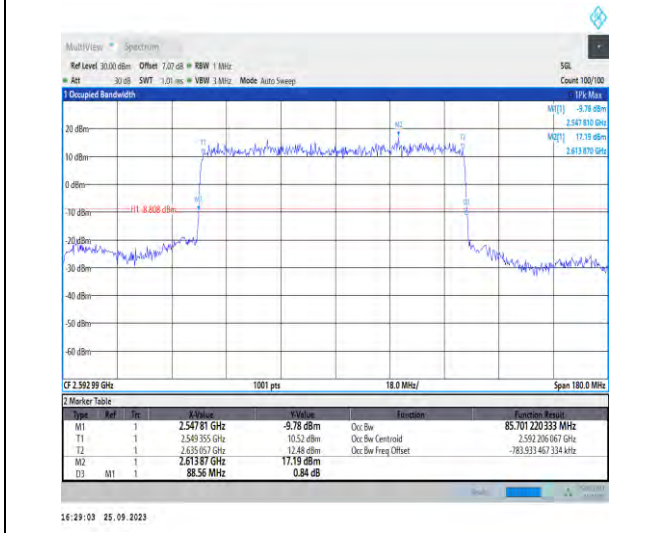
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1-N41-PC3-30-80-M-9-CP-256QAM-Outer_Full-217 @0-Ant5-77.29-80.480-≤80-PASS

1-N41-PC3-30-90-M-1-DFT-QPSK-Outer_Full-240 @0-Ant5-85.514-89.280-≤90-PASS



1-N41-PC3-30-90-M-2-DFT-PI2BPSK-Outer_Full-240 @0-Ant5-85.701-88.560-≤90-PASS

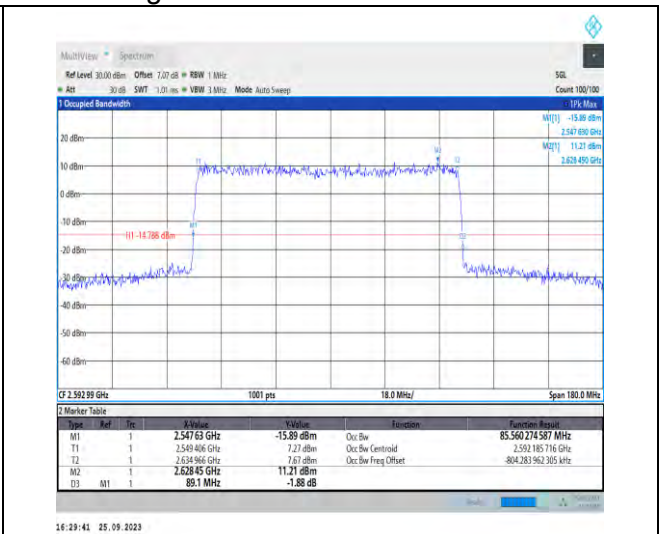
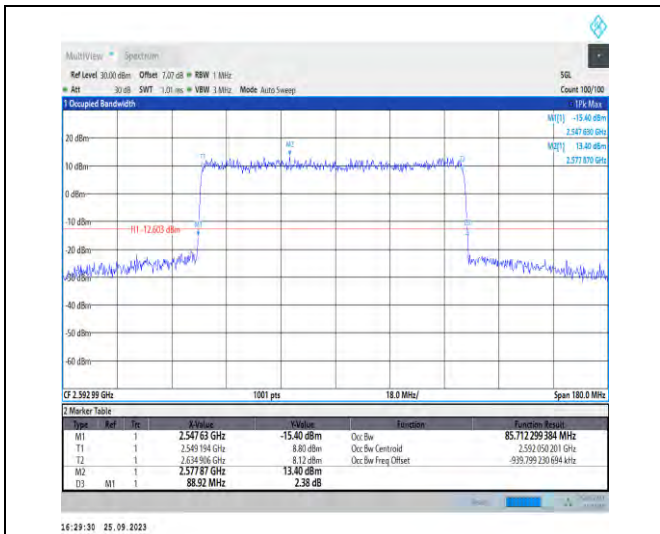
1-N41-PC3-30-90-M-3-DFT-16QAM-Outer_Full-240 @0-Ant5-85.909-89.100-≤90-PASS



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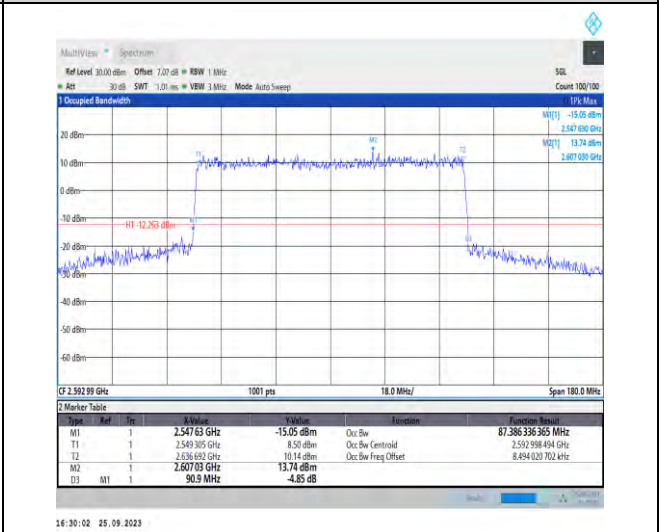
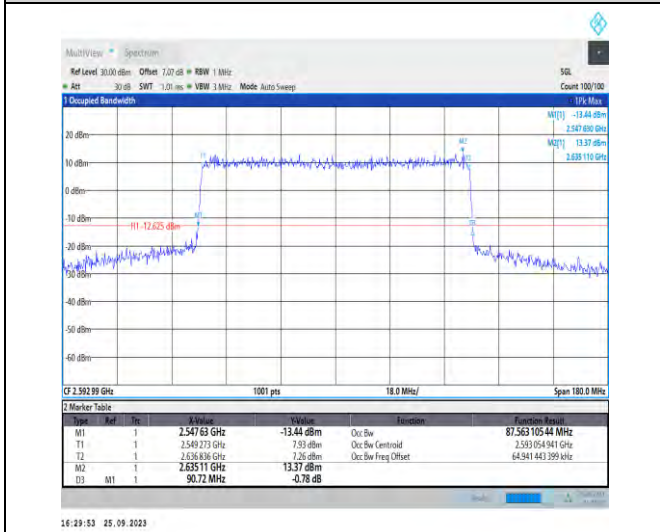
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1-N41-PC3-30-90-M-4-DFT-64QAM-Outer_Full-240 @0-Ant5-85.712-88.920-≤90-PASS

1-N41-PC3-30-90-M-5-DFT-256QAM-Outer_Full-240 @0-Ant5-85.56-89.100-≤90-PASS



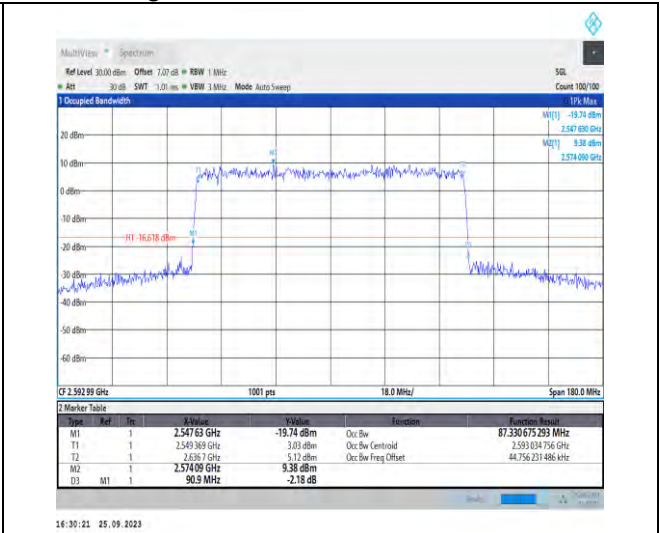
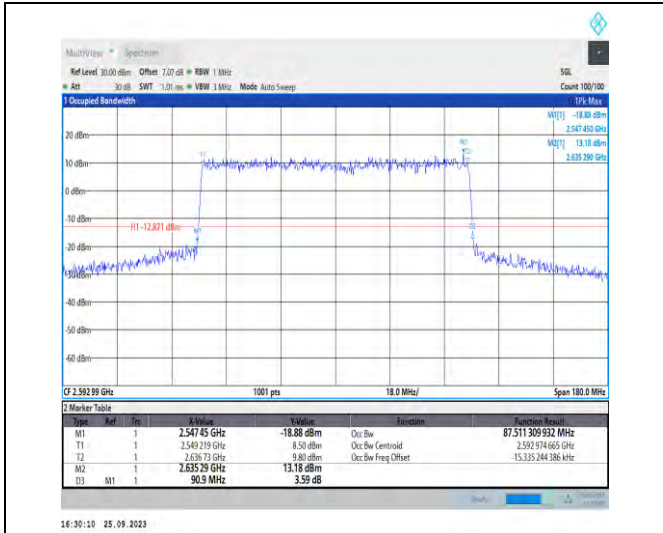
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1-N41-PC3-30-90-M-7-CP-16QAM-Outer_Full-245@0 -Ant5-87.386-90.900-≤90-PASS



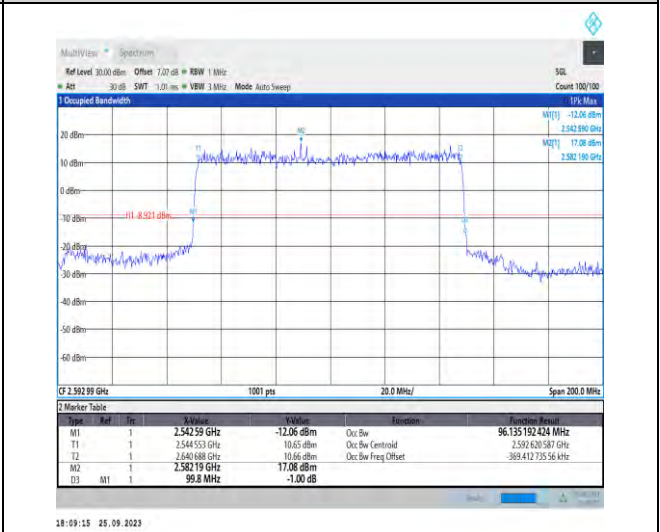
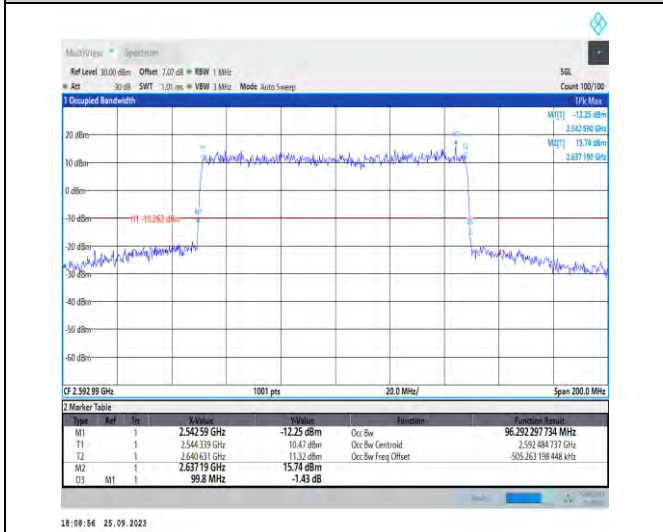
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1-N41-PC3-30-90-M-8-CP-64QAM-Outer_Full-245@0-Ant5-87.511-90.900-<=90-PASS

1-N41-PC3-30-90-M-9-CP-256QAM-Outer_Full-245@0-Ant5-87.331-90.900-<=90-PASS



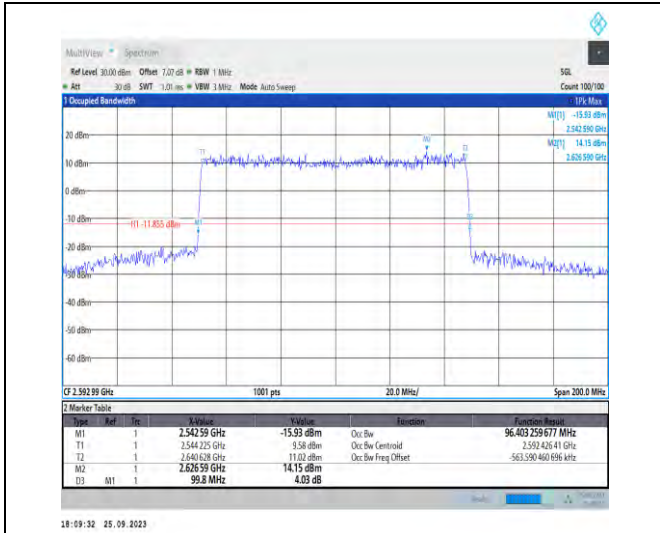
1-N41-PC3-30-100-M-1-DFT-QPSK-Outer_Full-270@0-Ant5-96.292-99.800-<=100-PASS

1-N41-PC3-30-100-M-2-DFT-PI2BPSK-Outer_Full-270@0-Ant5-96.135-99.800-<=100-PASS



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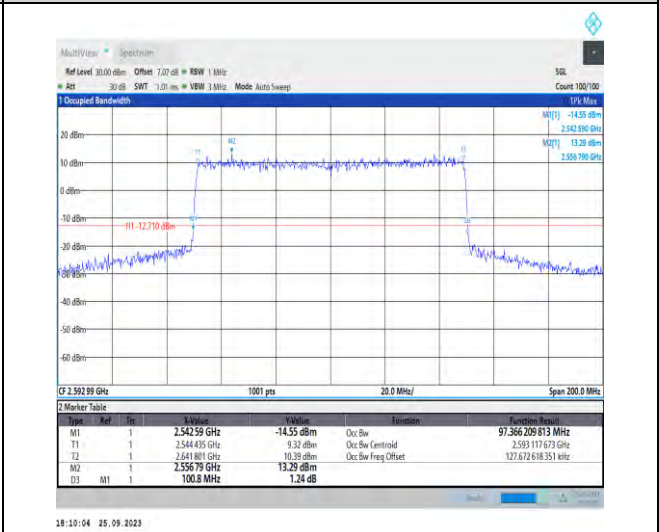
1-N41-PC3-30-100-M-3-DFT-16QAM-Outer_Full-270 @0-Ant5-96.403-99.800-≤100-PASS



1-N41-PC3-30-100-M-4-DFT-64QAM-Outer_Full-270 @0-Ant5-96.311-99.800-≤100-PASS



1-N41-PC3-30-100-M-5-DFT-256QAM-Outer_Full-270 @0-Ant5-96.452-100.200-≤100-PASS

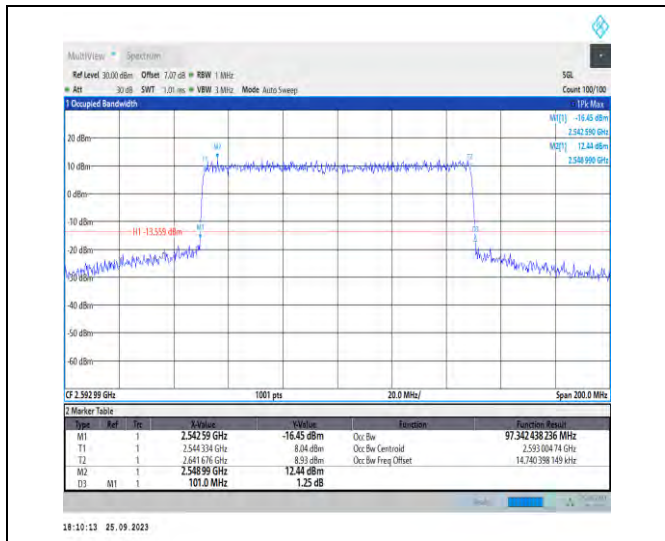


1-N41-PC3-30-100-M-6-CP-QPSK-Outer_Full-273 @0-Ant5-97.366-100.800-≤100-PASS



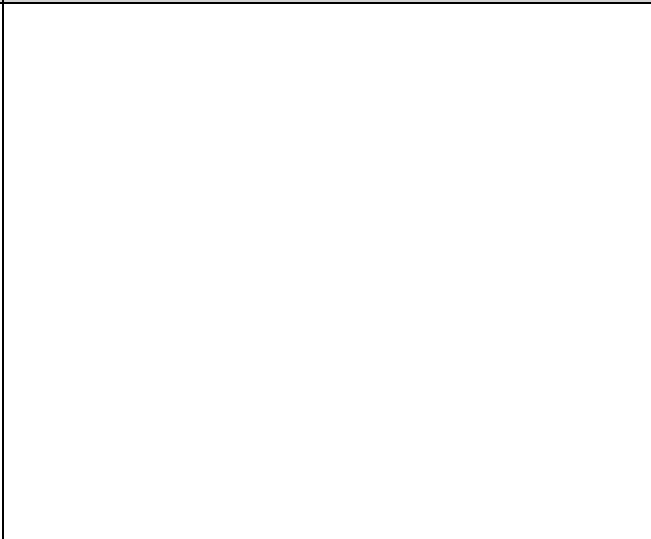
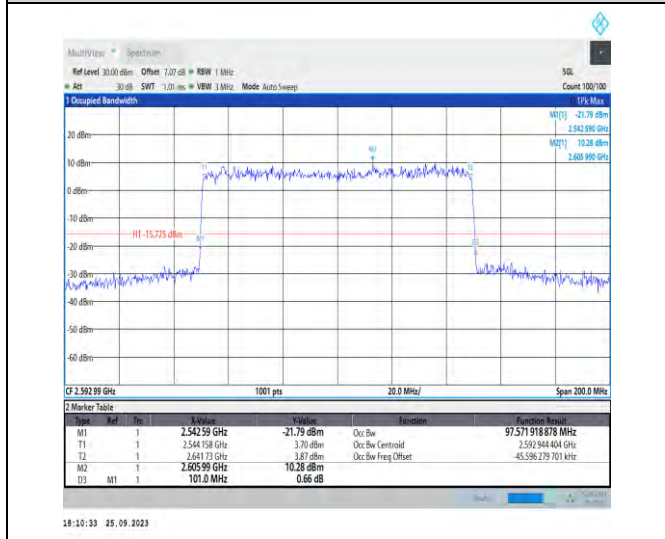
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1-N41-PC3-30-100-M-7-CP-16QAM-Outer_Full-273
 @0-Ant5-97.342-101.000-≤100-PASS

1-N41-PC3-30-100-M-8-CP-64QAM-Outer_Full-273
 @0-Ant5-97.262-100.800-≤100-PASS



1-N41-PC3-30-100-M-9-CP-256QAM-Outer_Full-273
 @0-Ant5-97.572-101.000-≤100-PASS



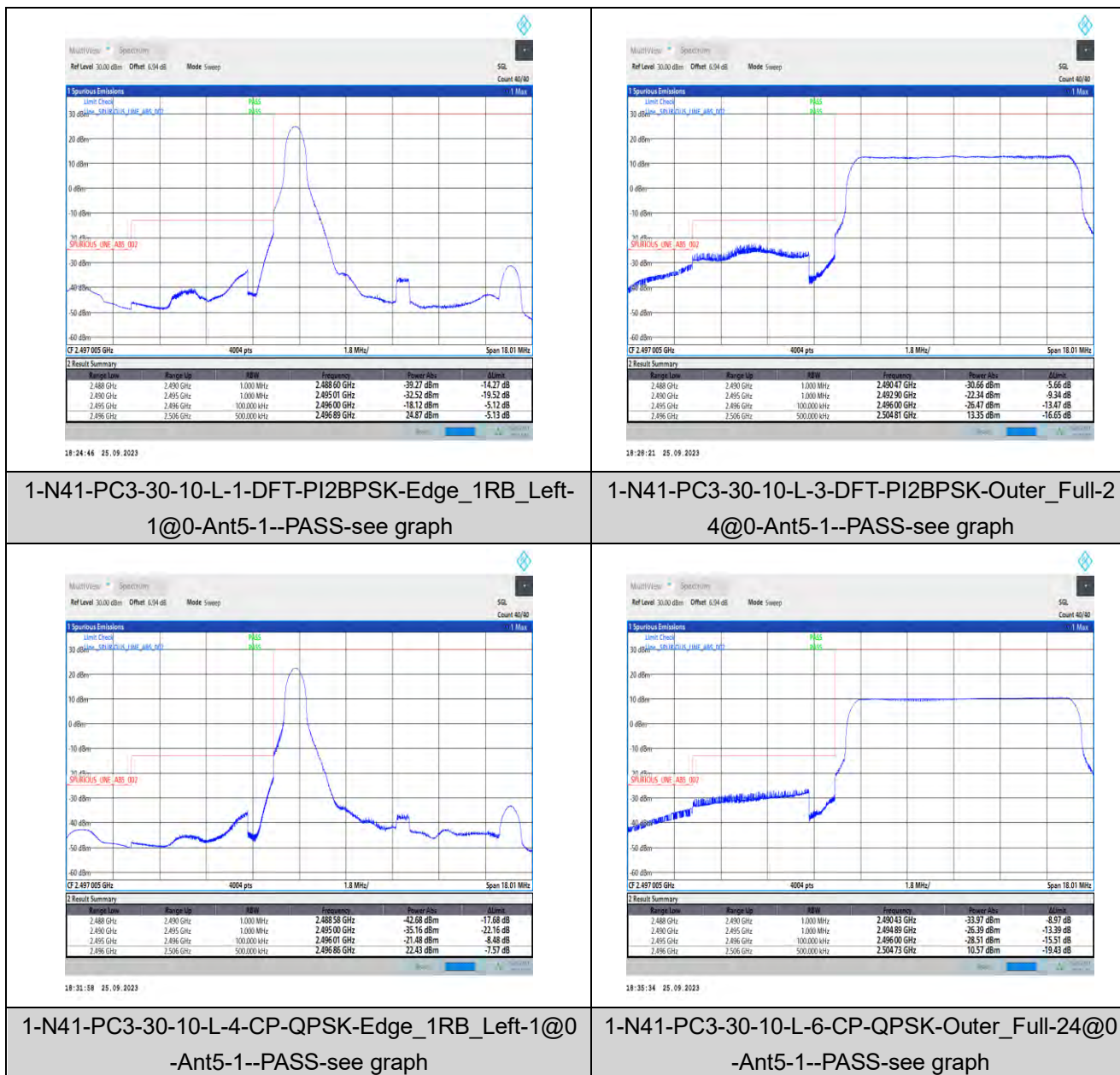
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Band Edge for SA

Test Graphs



1-N41-PC3-30-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N41-PC3-30-10-L-3-DFT-PI2BPSK-Outer_Full-24@0-Ant5-1--PASS-see graph

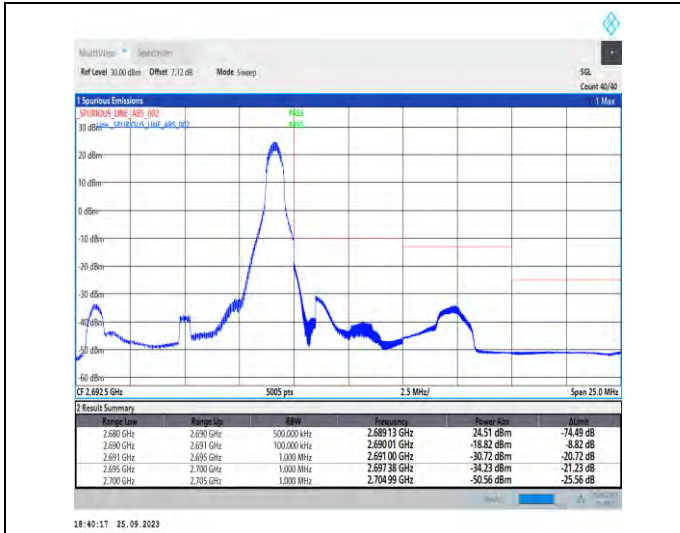
1-N41-PC3-30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N41-PC3-30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant5-1--PASS-see graph



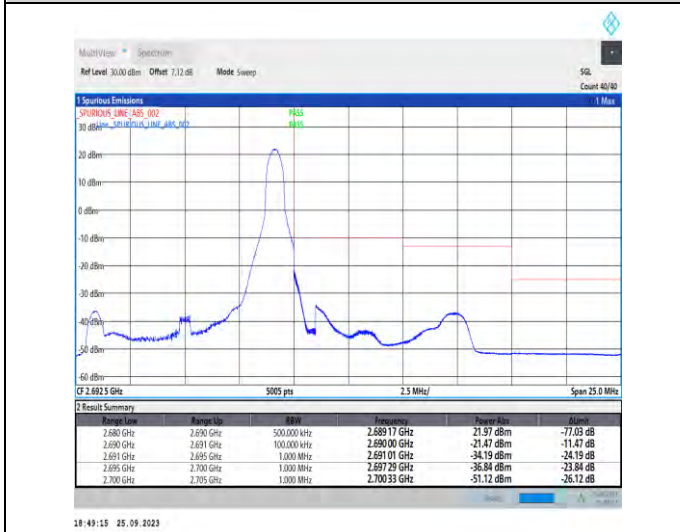
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1-N41-PC3-30-10-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@23-Ant5-1--PASS-see graph

1-N41-PC3-30-10-H-3-DFT-PI2BPSK-Outer_Full-2 4@0-Ant5-1--PASS-see graph



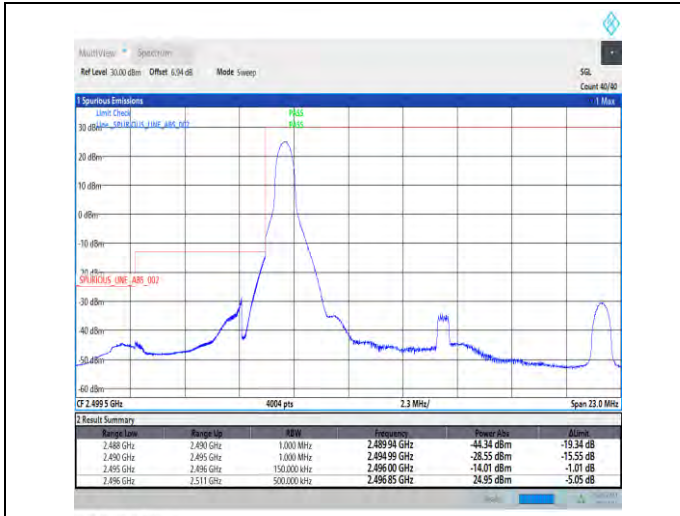
1-N41-PC3-30-10-H-5-CP-QPSK-Edge_1RB_Right-1 @23-Ant5-1--PASS-see graph

1-N41-PC3-30-10-H-6-CP-QPSK-Outer_Full-24@ 0-Ant5-1--PASS-see graph

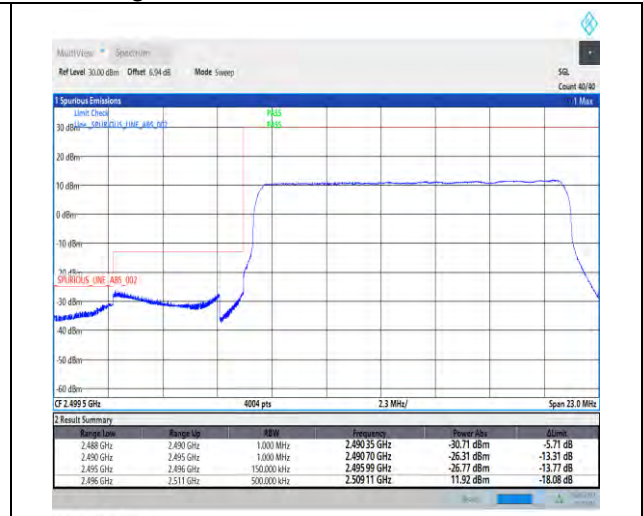


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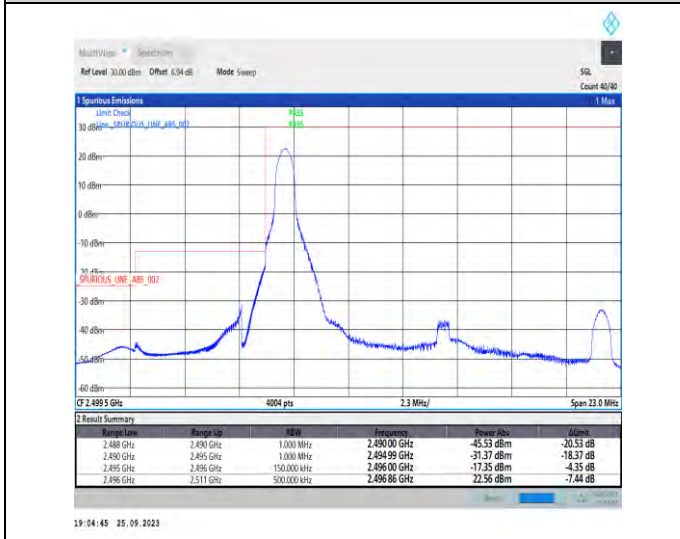
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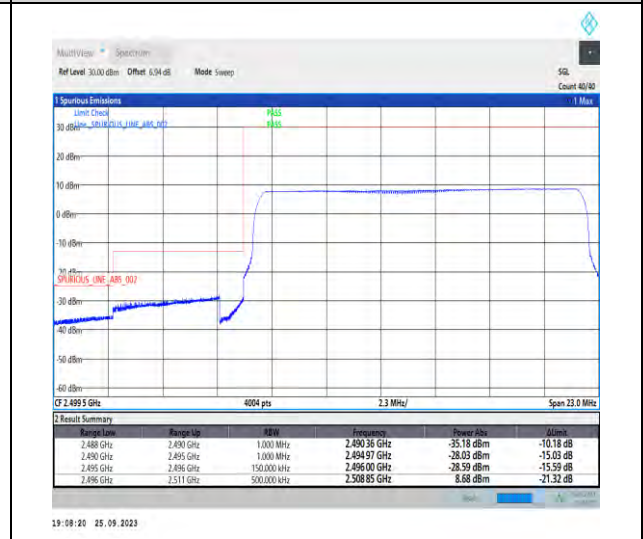
1-N41-PC3-30-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph



1-N41-PC3-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant5-1--PASS-see graph



1-N41-PC3-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

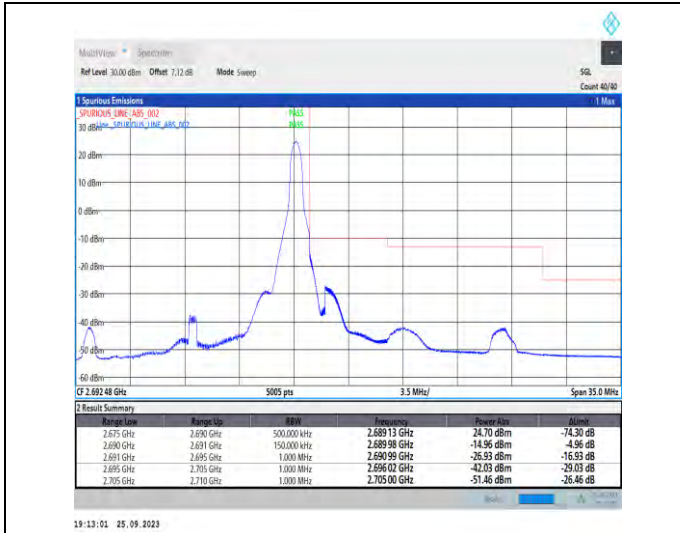


1-N41-PC3-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant5-1--PASS-see graph



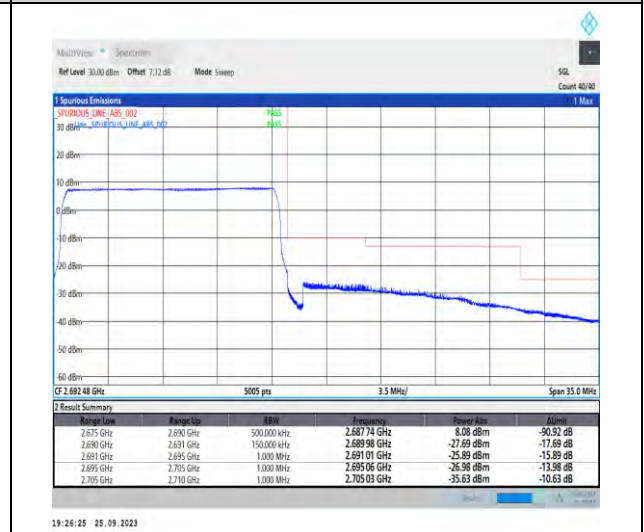
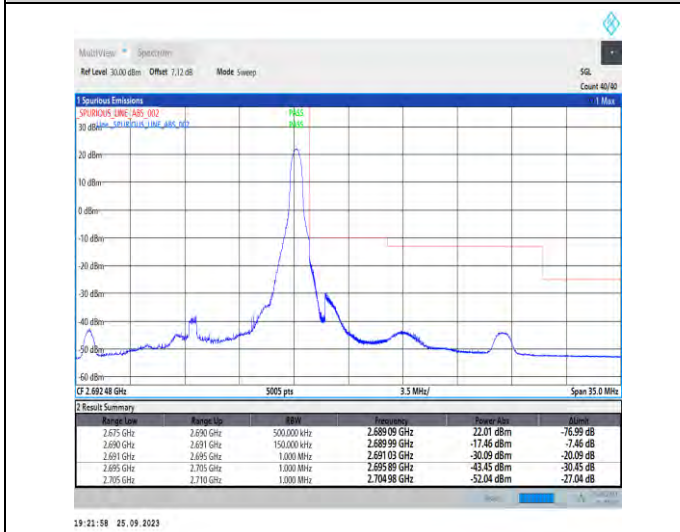
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1-N41-PC3-30-15-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@37-Ant5-1--PASS-see graph

1-N41-PC3-30-15-H-3-DFT-PI2BPSK-Outer_Full-3 6@0-Ant5-1--PASS-see graph



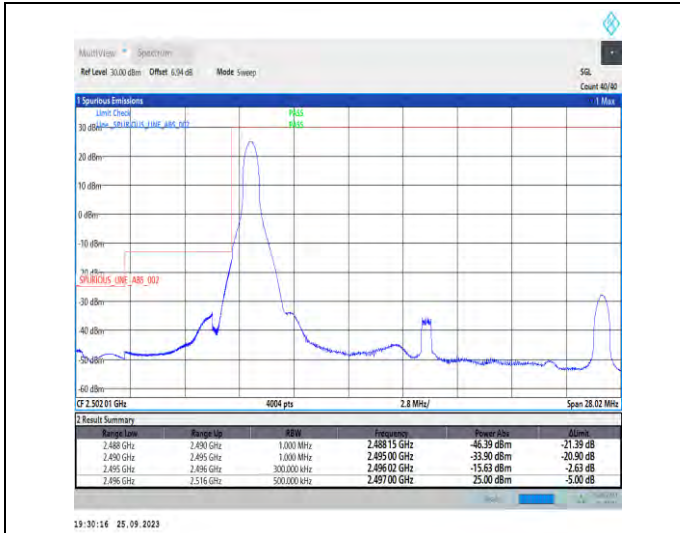
1-N41-PC3-30-15-H-5-CP-QPSK-Edge_1RB_Right-1 @37-Ant5-1--PASS-see graph

1-N41-PC3-30-15-H-6-CP-QPSK-Outer_Full-38@ 0-Ant5-1--PASS-see graph

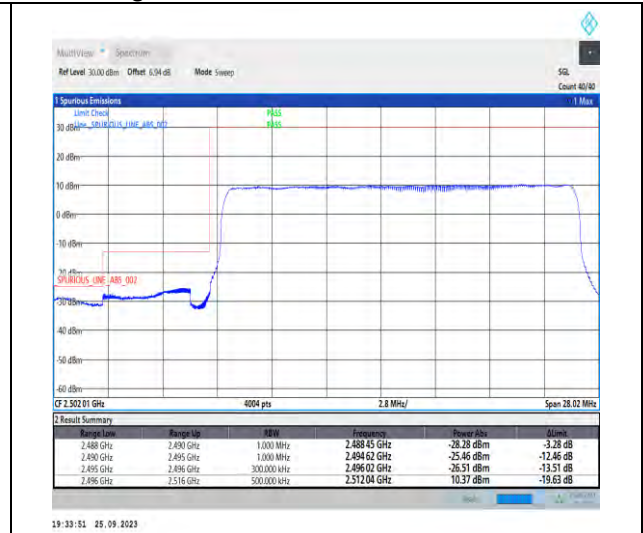


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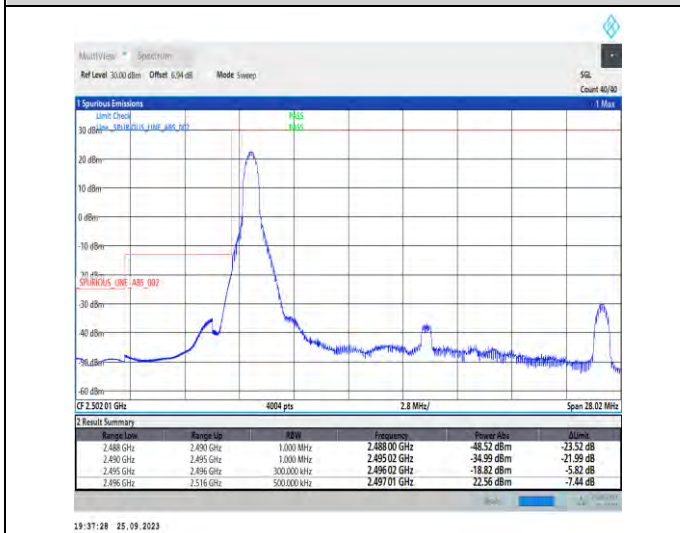
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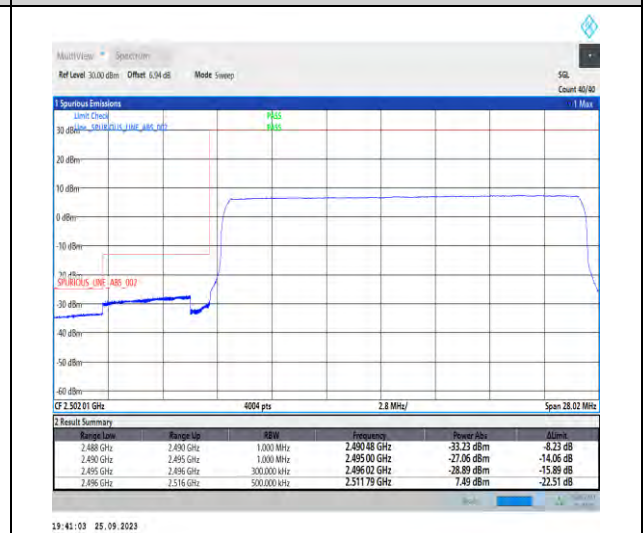
1-N41-PC3-30-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph



1-N41-PC3-30-20-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant5-1--PASS-see graph



1-N41-PC3-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

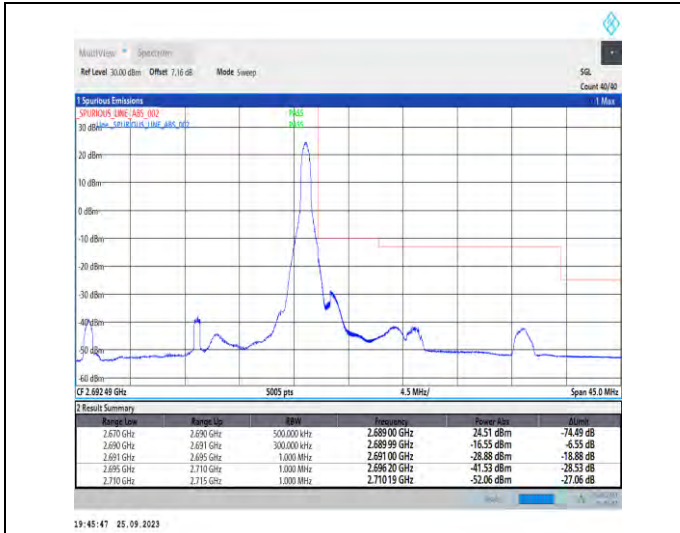


1-N41-PC3-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant5-1--PASS-see graph



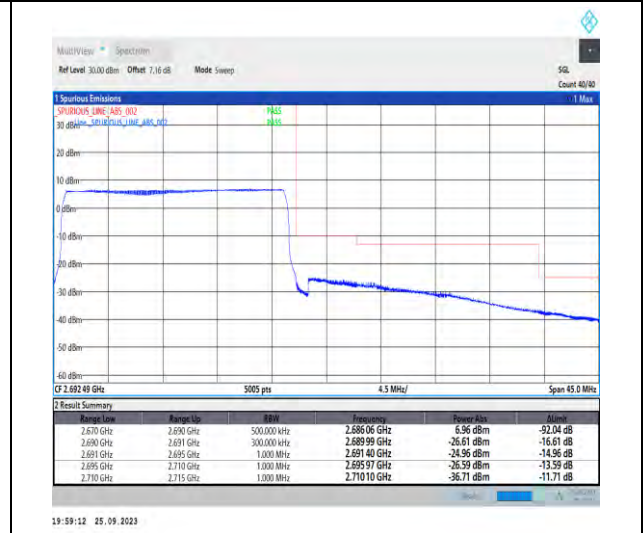
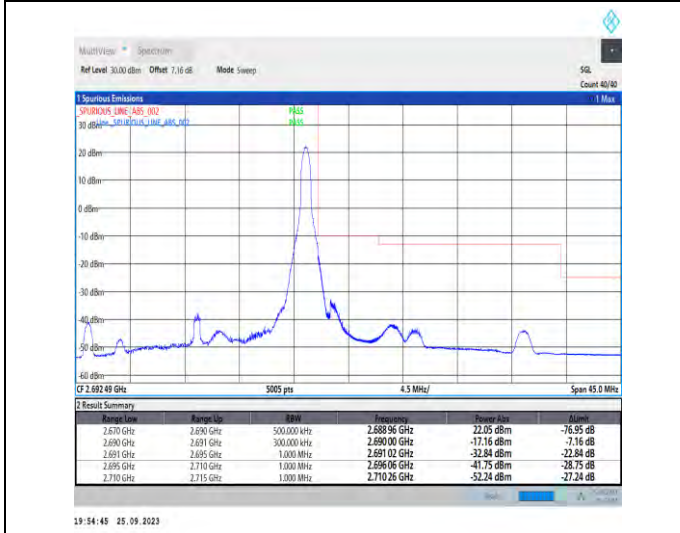
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1-N41-PC3-30-20-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@50-Ant5-1--PASS-see graph

1-N41-PC3-30-20-H-3-DFT-PI2BPSK-Outer_Full-5 0@0-Ant5-1--PASS-see graph



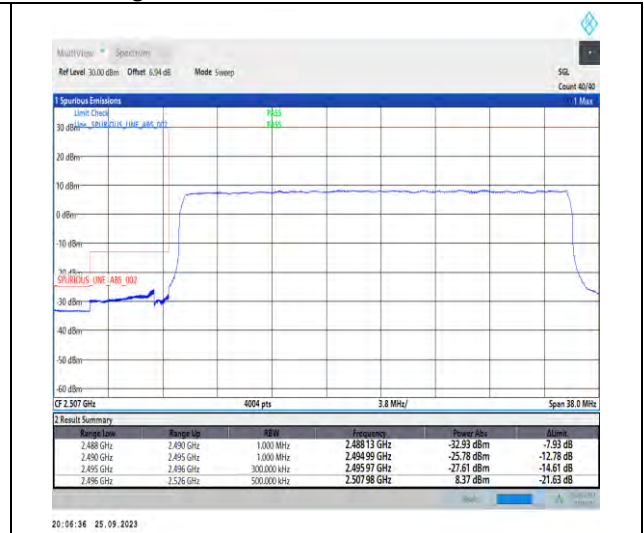
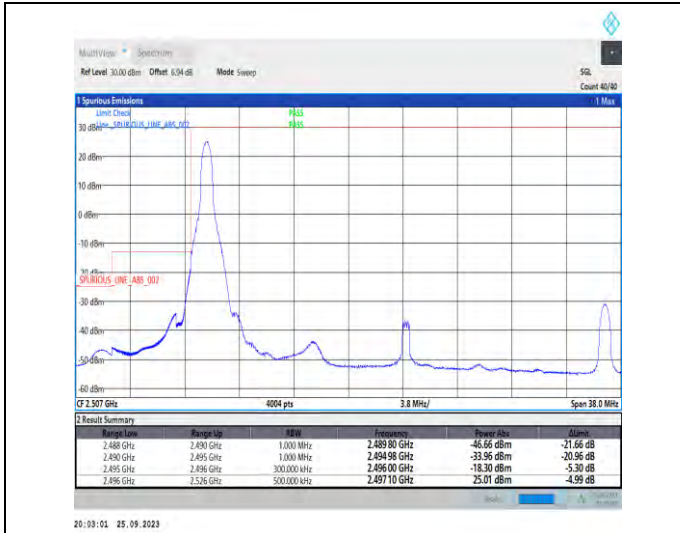
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1-N41-PC3-30-20-H-6-CP-QPSK-Outer_Full-51@ 0-Ant5-1--PASS-see graph



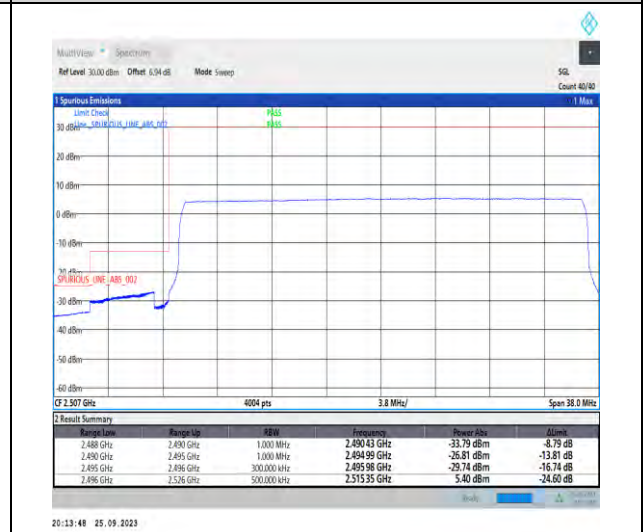
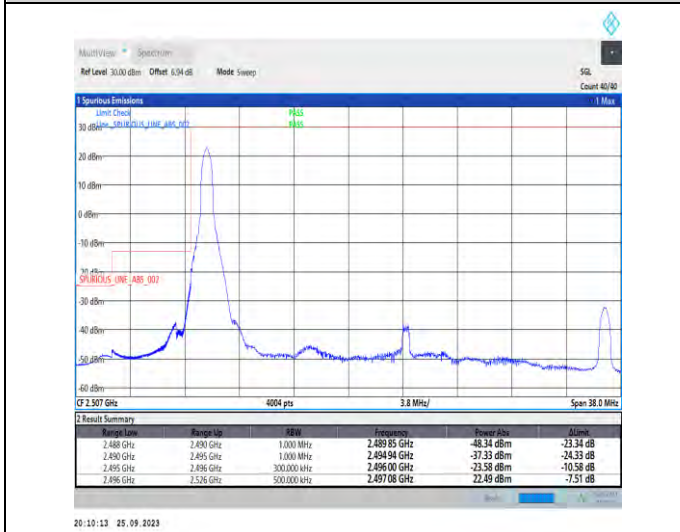
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1-N41-PC3-30-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N41-PC3-30-30-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant5-1--PASS-see graph



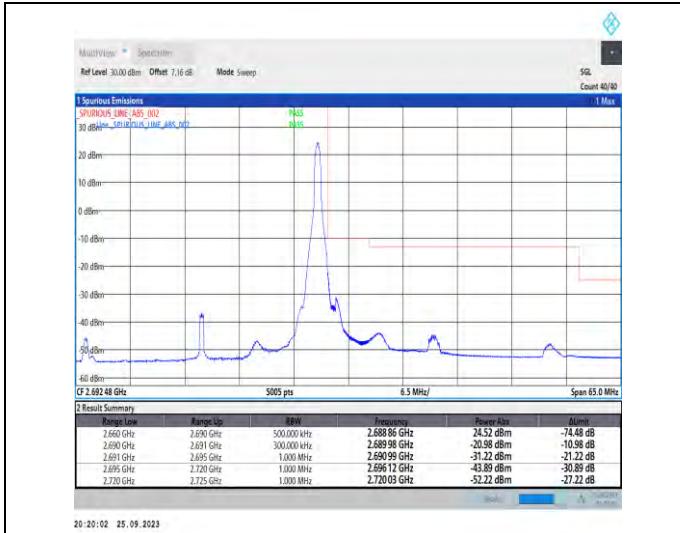
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1-N41-PC3-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant5-1--PASS-see graph



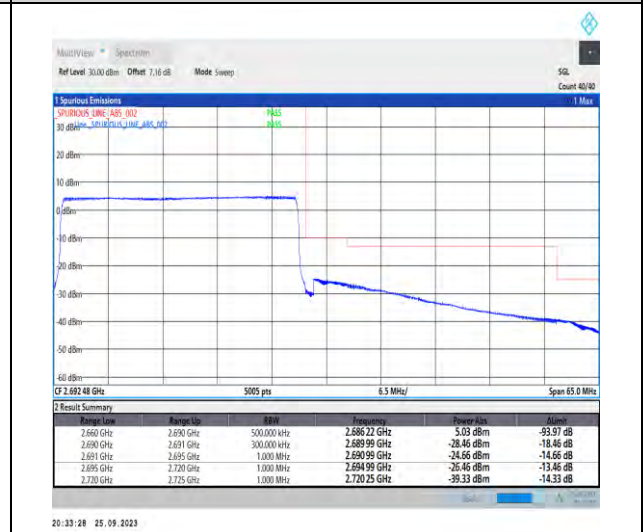
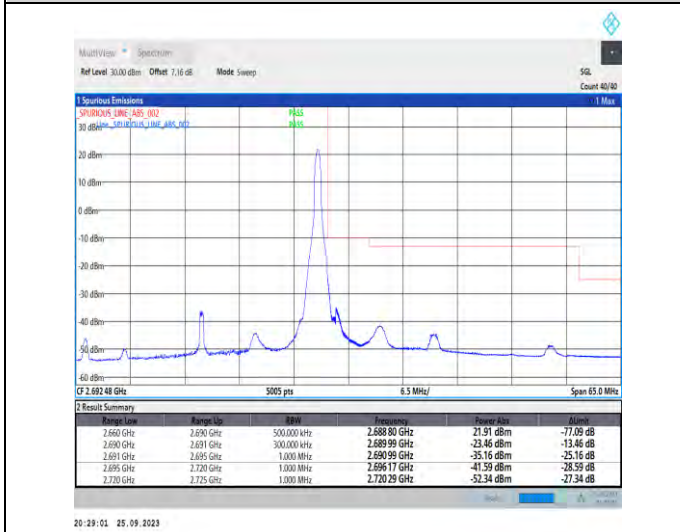
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1-N41-PC3-30-30-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@77-Ant5-1--PASS-see graph

1-N41-PC3-30-30-H-3-DFT-PI2BPSK-Outer_Full-7 5@0-Ant5-1--PASS-see graph



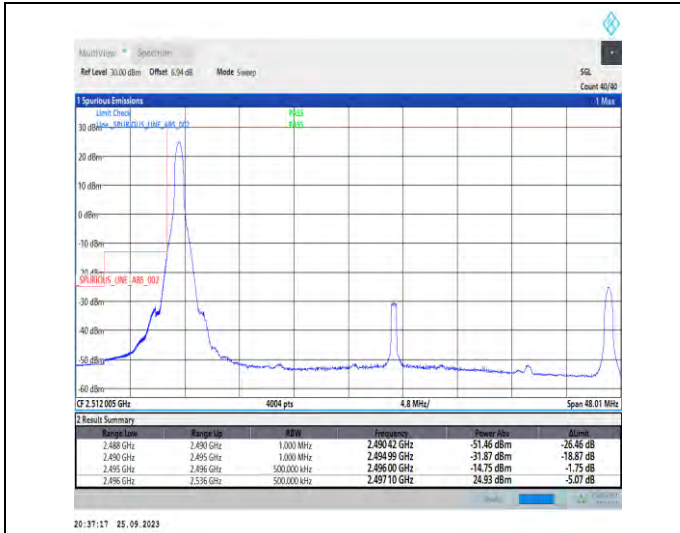
1-N41-PC3-30-30-H-5-CP-QPSK-Edge_1RB_Righ t1 @77-Ant5-1--PASS-see graph

1-N41-PC3-30-30-H-6-CP-QPSK-Outer_Full-78@ 0-Ant5-1--PASS-see graph



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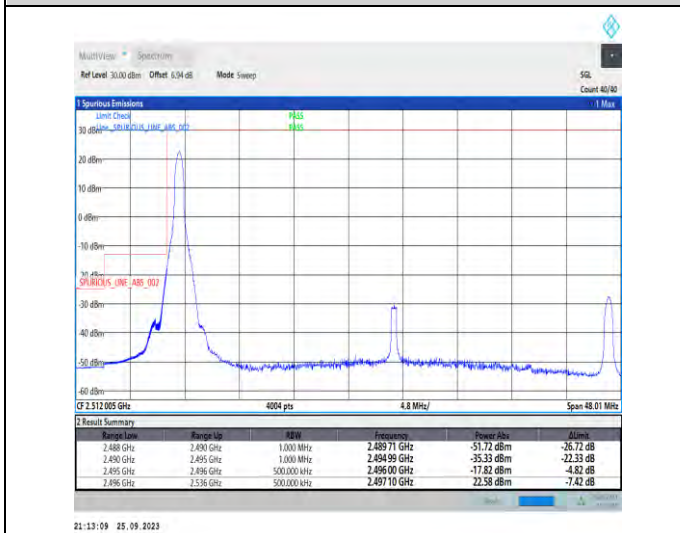
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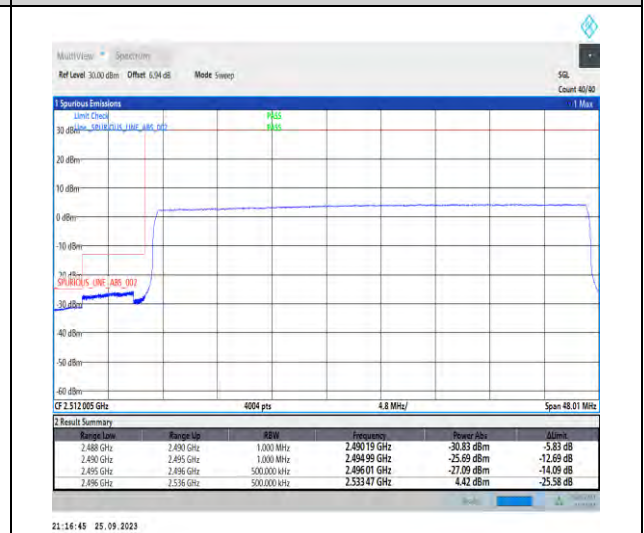
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1-N41-PC3-30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant5-1--PASS-see graph



1-N41-PC3-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

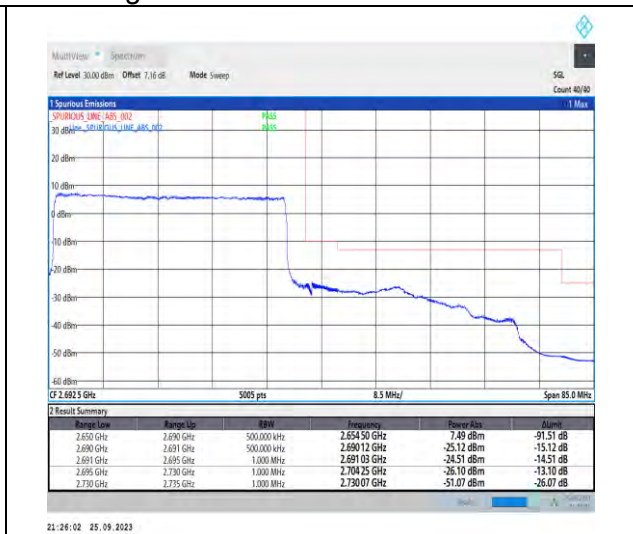
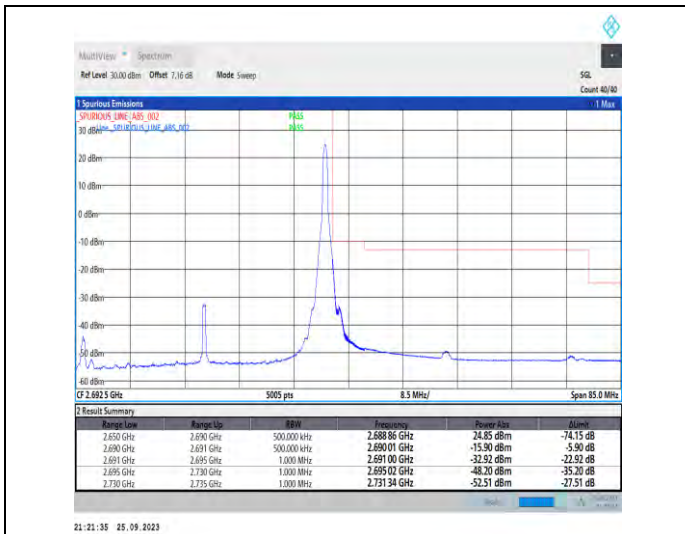


1-N41-PC3-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant5-1--PASS-see graph



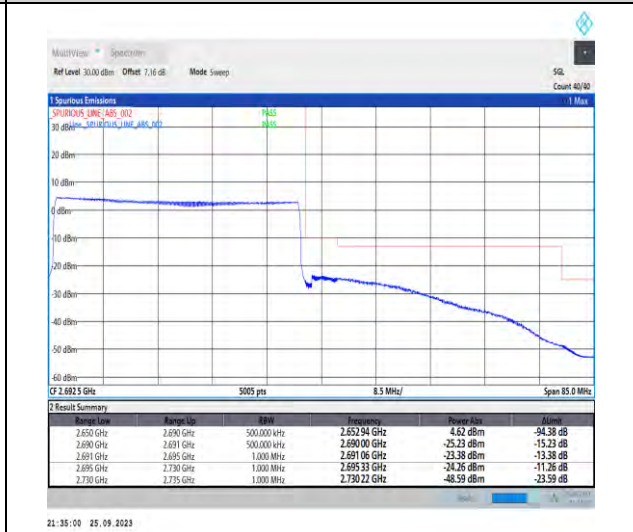
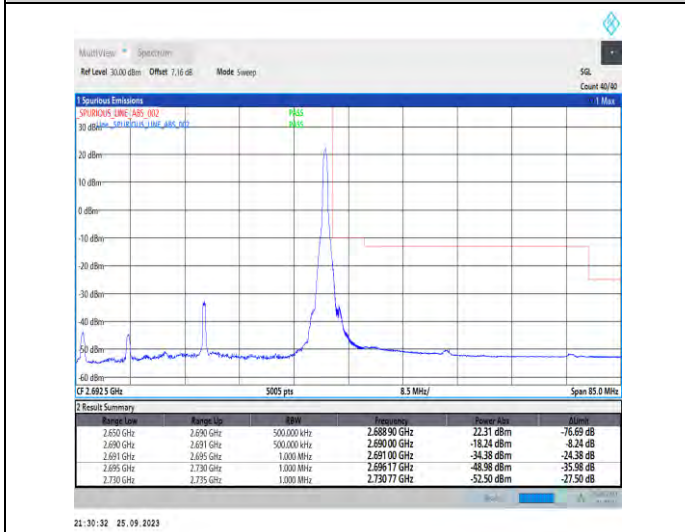
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1-N41-PC3-30-40-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@105-Ant5-1--PASS-see graph

1-N41-PC3-30-40-H-3-DFT-PI2BPSK-Outer_Full-1 00@0-Ant5-1--PASS-see graph



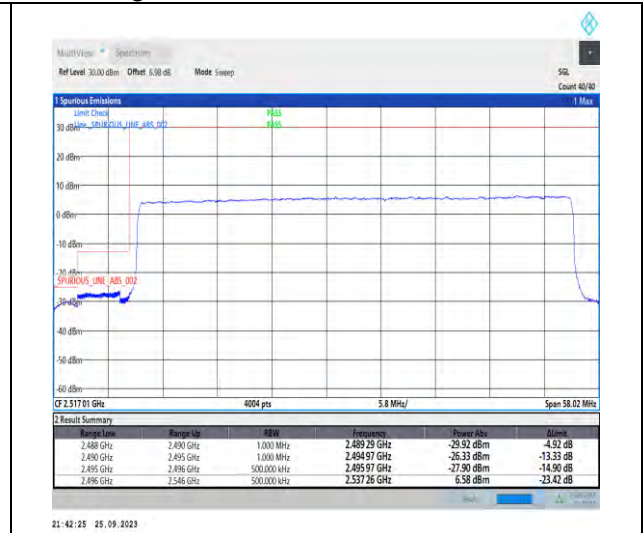
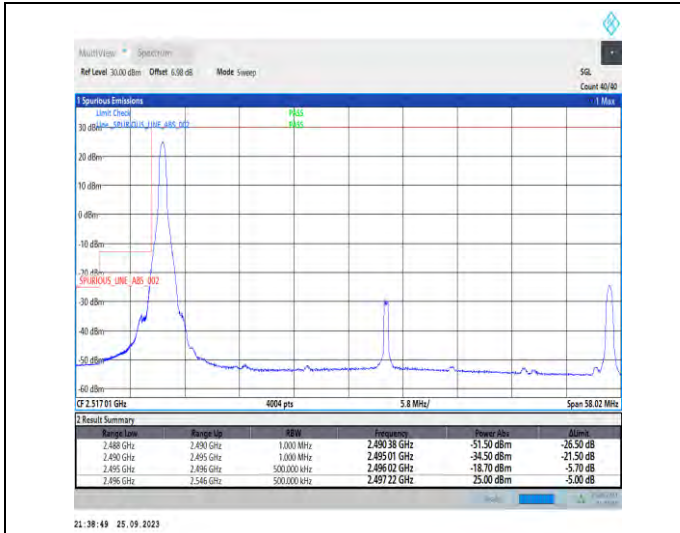
1-N41-PC3-30-40-H-5-CP-QPSK-Edge_1RB_Righ t-1@105-Ant5-1--PASS-see graph

1-N41-PC3-30-40-H-6-CP-QPSK-Outer_Full-106 @0-Ant5-1--PASS-see graph



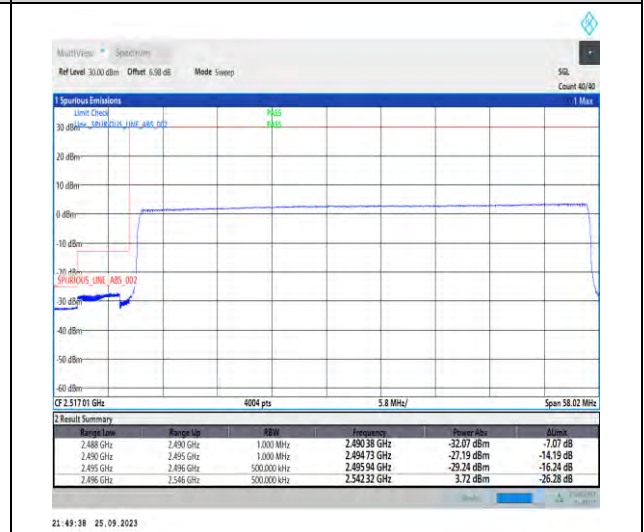
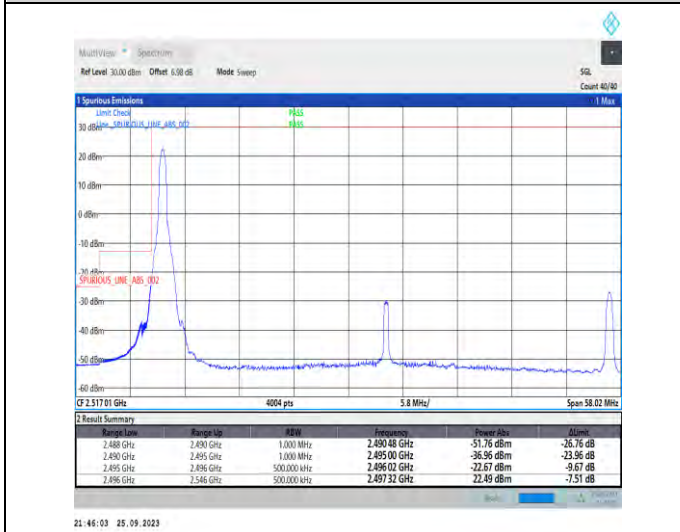
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1-N41-PC3-30-50-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N41-PC3-30-50-L-3-DFT-PI2BPSK-Outer_Full-128@0-Ant5-1--PASS-see graph



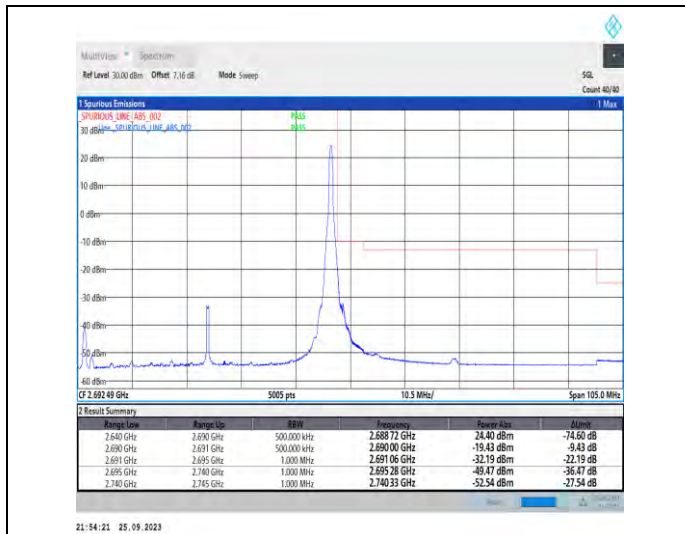
1-N41-PC3-30-50-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N41-PC3-30-50-L-6-CP-QPSK-Outer_Full-133@0-Ant5-1--PASS-see graph



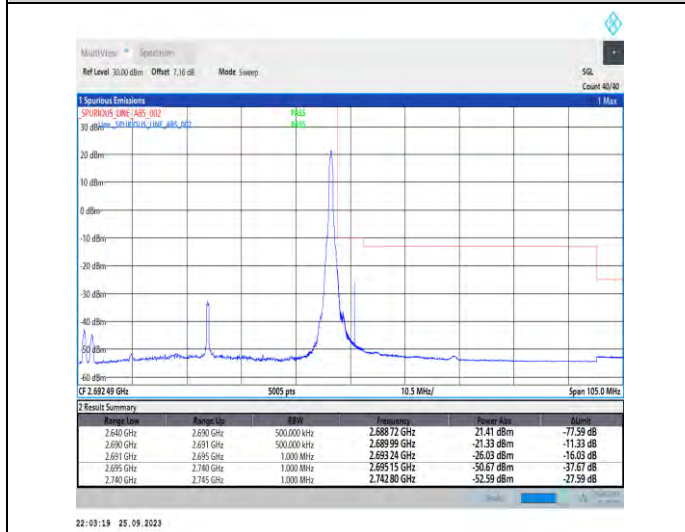
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1-N41-PC3-30-50-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@132-Ant5-1--PASS-see graph

1-N41-PC3-30-50-H-3-DFT-PI2BPSK-Outer_Full-1 28@0-Ant5-1--PASS-see graph



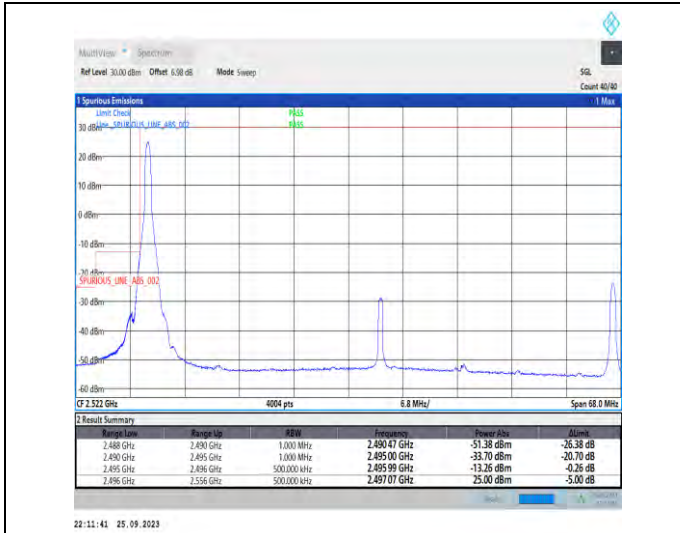
1-N41-PC3-30-50-H-5-CP-QPSK-Edge_1RB_Right-1 @132-Ant5-1--PASS-see graph

1-N41-PC3-30-50-H-6-CP-QPSK-Outer_Full-133 @0-Ant5-1--PASS-see graph

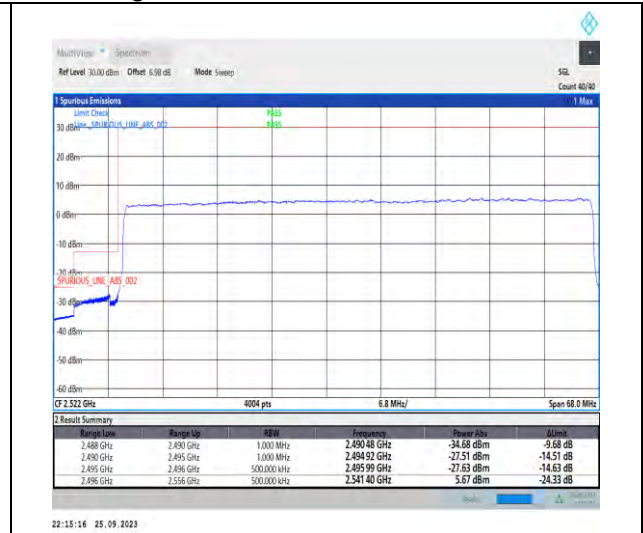


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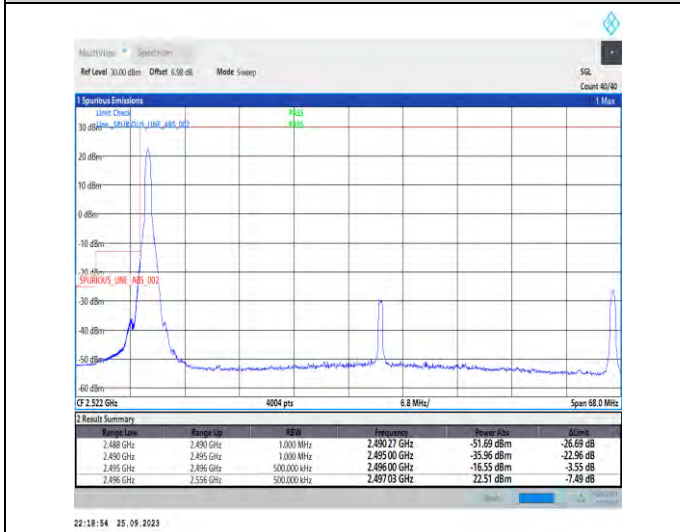
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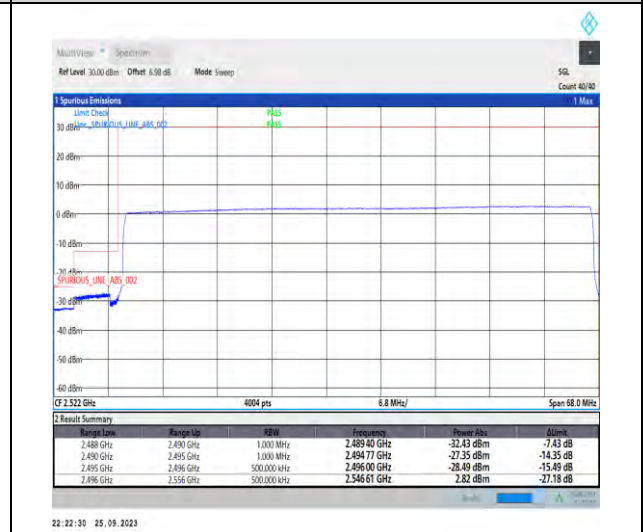
1-N41-PC3-30-60-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph



1-N41-PC3-30-60-L-3-DFT-PI2BPSK-Outer_Full-162@0-Ant5-1--PASS-see graph



1-N41-PC3-30-60-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

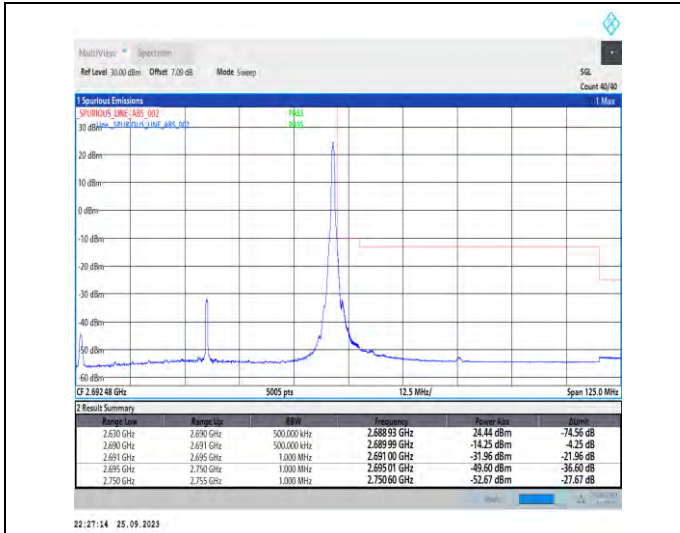


1-N41-PC3-30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant5-1--PASS-see graph



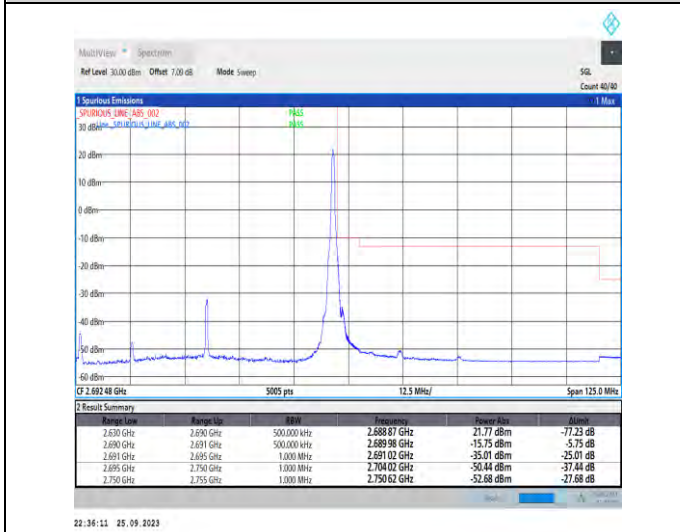
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1-N41-PC3-30-60-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@161-Ant5-1--PASS-see graph

1-N41-PC3-30-60-H-3-DFT-PI2BPSK-Outer_Full-1 62@0-Ant5-1--PASS-see graph



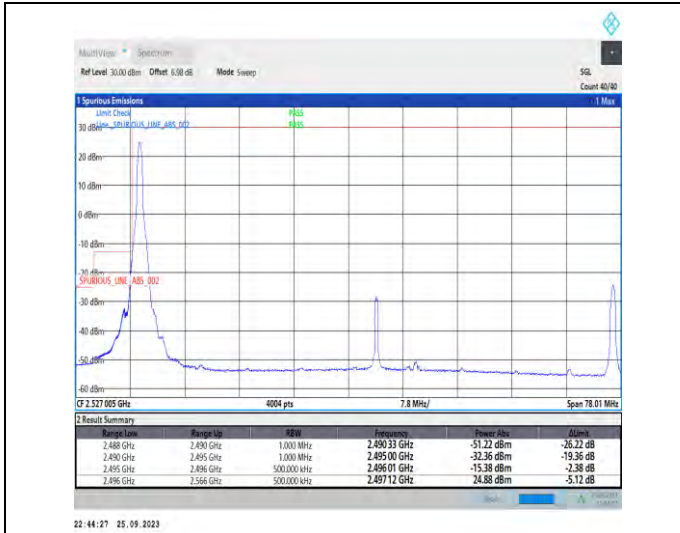
1-N41-PC3-30-60-H-5-CP-QPSK-Edge_1RB_Right-1 @161-Ant5-1--PASS-see graph

1-N41-PC3-30-60-H-6-CP-QPSK-Outer_Full-162 @0-Ant5-1--PASS-see graph



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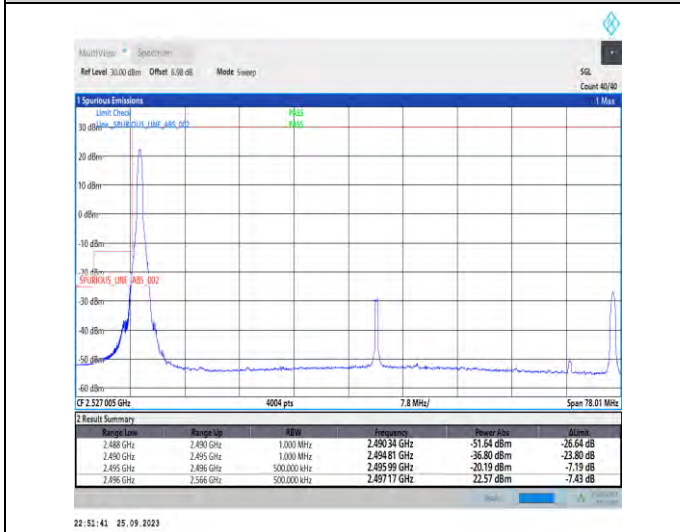
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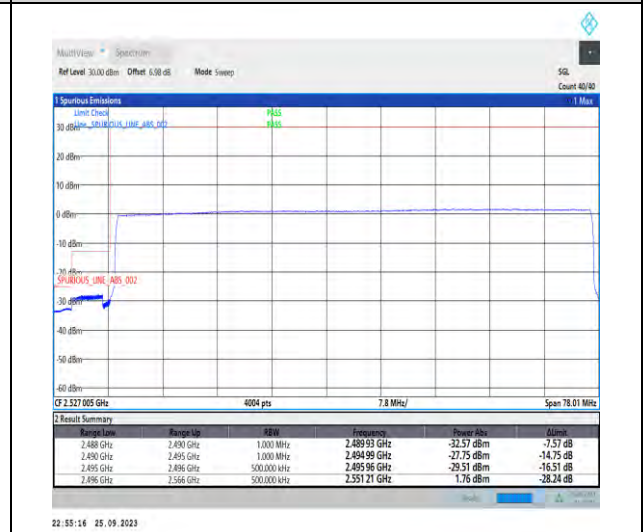
1-N41-PC3-30-70-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph



1-N41-PC3-30-70-L-3-DFT-PI2BPSK-Outer_Full-180@0-Ant5-1--PASS-see graph



1-N41-PC3-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

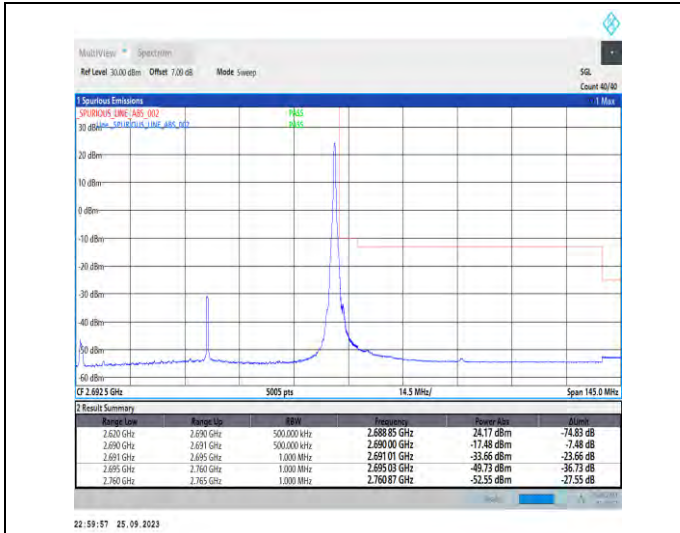


1-N41-PC3-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant5-1--PASS-see graph



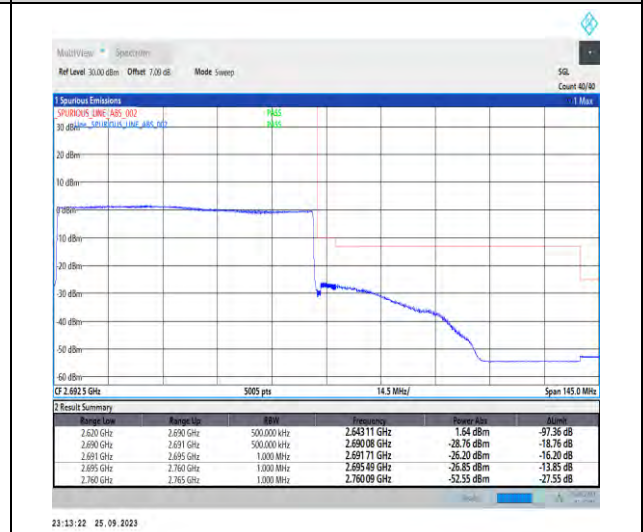
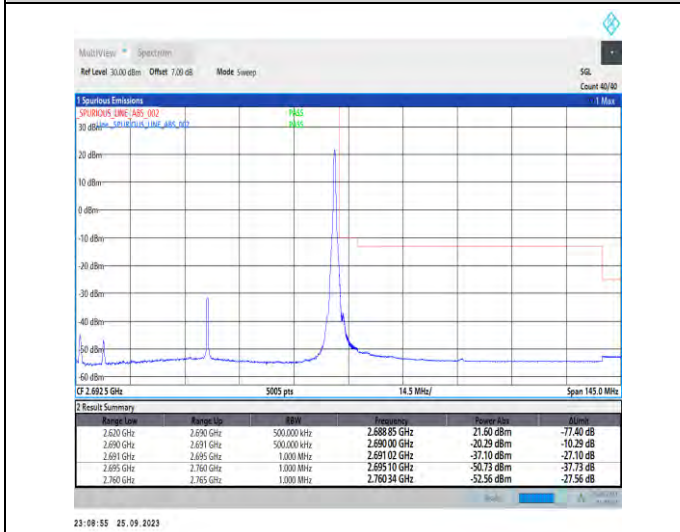
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1-N41-PC3-30-70-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@188-Ant5-1--PASS-see graph

1-N41-PC3-30-70-H-3-DFT-PI2BPSK-Outer_Full-1 80@0-Ant5-1--PASS-see graph



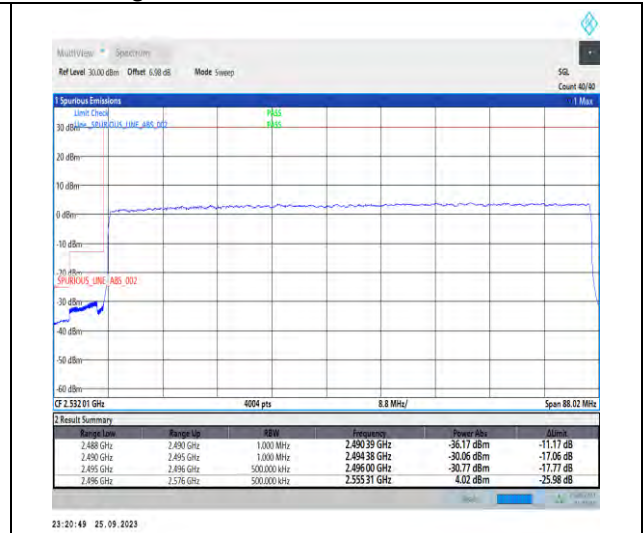
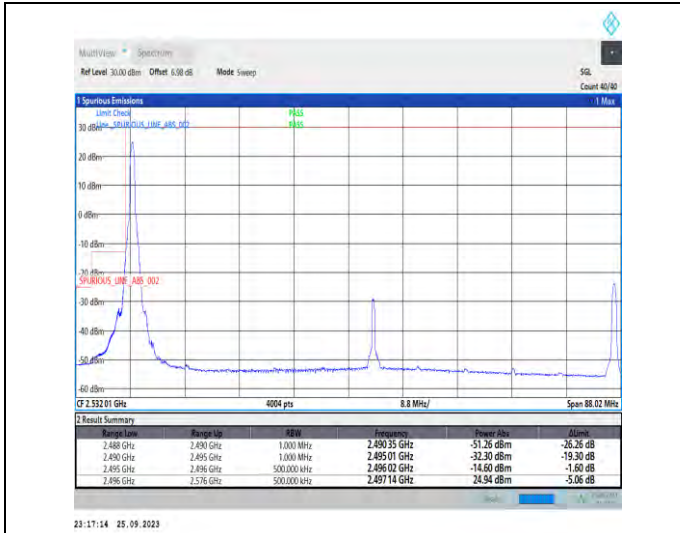
1-N41-PC3-30-70-H-5-CP-QPSK-Edge_1RB_Righ t-1@188-Ant5-1--PASS-see graph

1-N41-PC3-30-70-H-6-CP-QPSK-Outer_Full-189 @0-Ant5-1--PASS-see graph



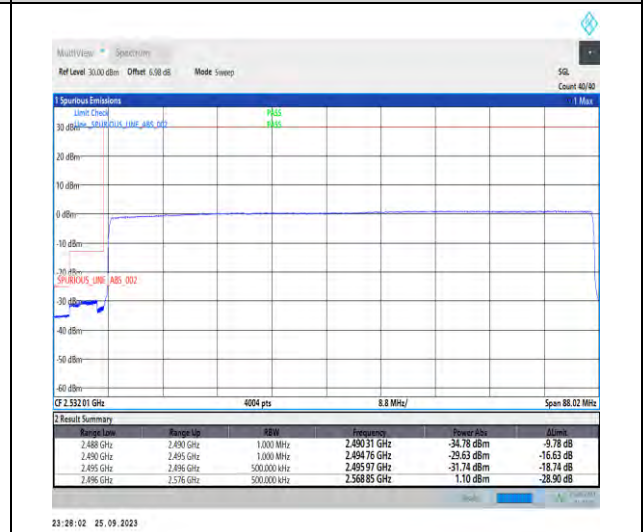
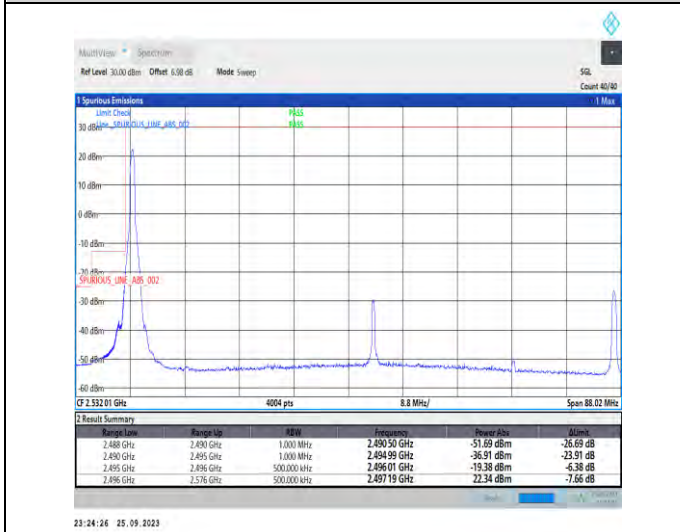
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1-N41-PC3-30-80-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N41-PC3-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant5-1--PASS-see graph



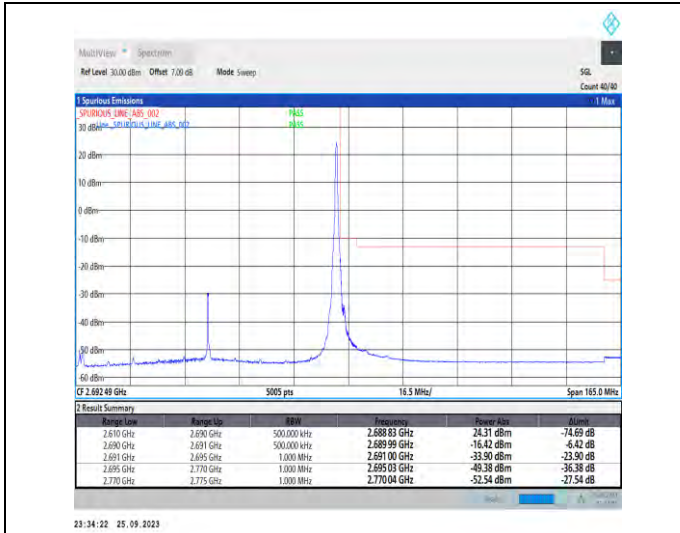
1-N41-PC3-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N41-PC3-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant5-1--PASS-see graph



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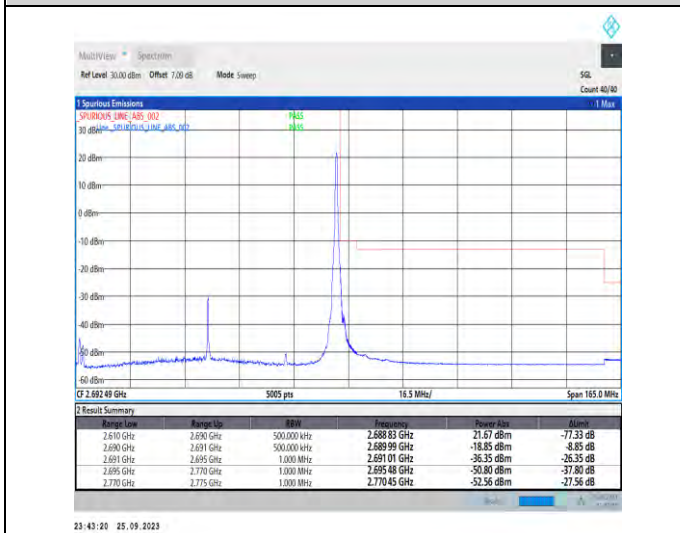
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1-N41-PC3-30-80-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@216-Ant5-1--PASS-see graph



1-N41-PC3-30-80-H-3-DFT-PI2BPSK-Outer_Full-2 16@0-Ant5-1--PASS-see graph



1-N41-PC3-30-80-H-5-CP-QPSK-Edge_1RB_Right-1 @216-Ant5-1--PASS-see graph

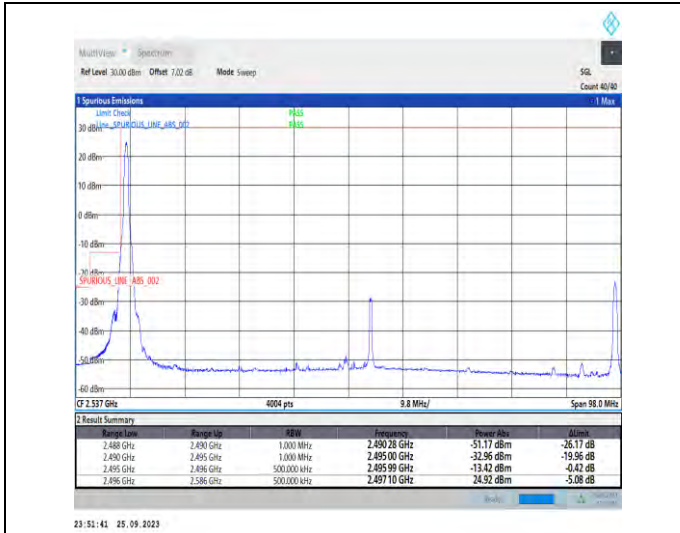


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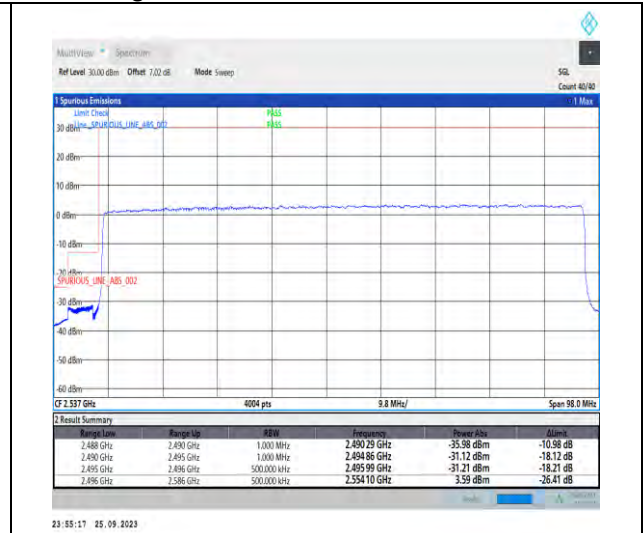


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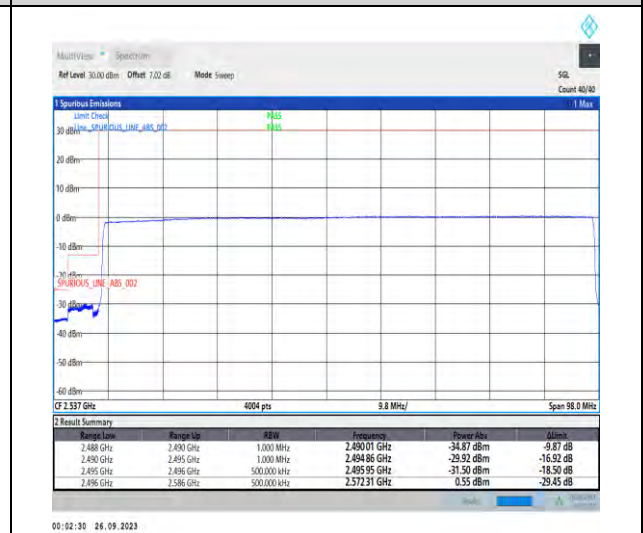
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1-N41-PC3-30-90-L-3-DFT-PI2BPSK-Outer_Full-240@0-Ant5-1--PASS-see graph



1-N41-PC3-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

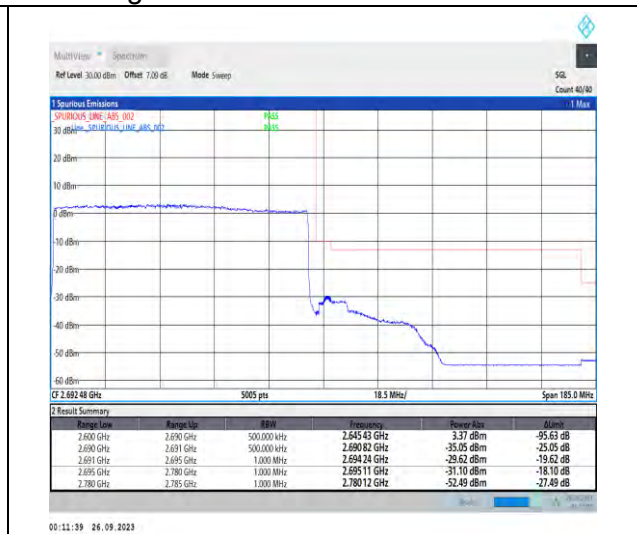
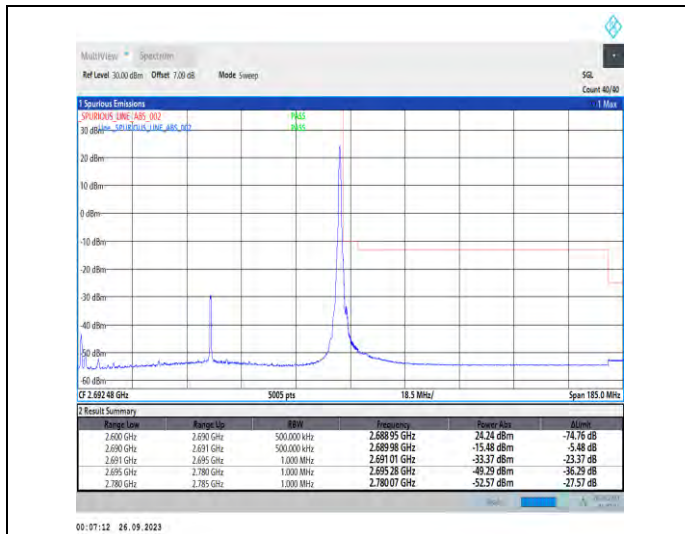


1-N41-PC3-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant5-1--PASS-see graph



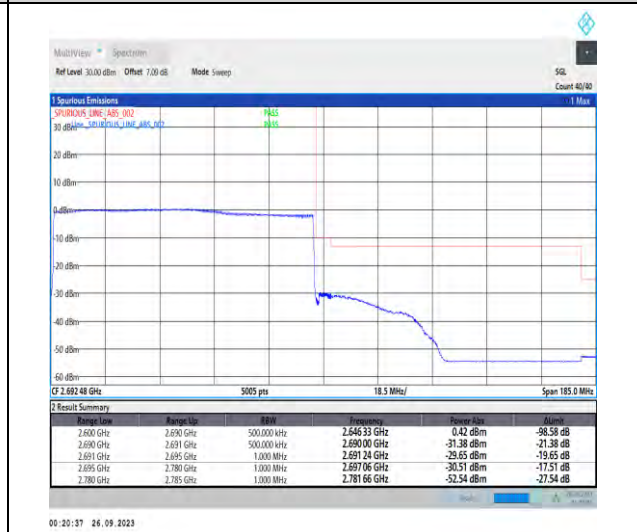
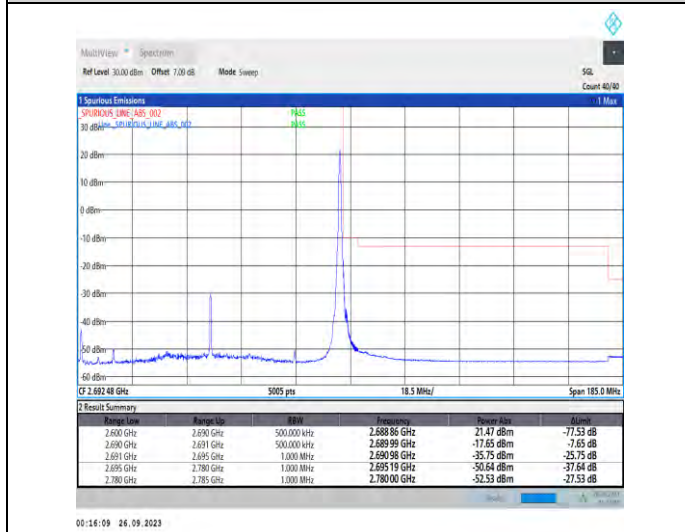
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1-N41-PC3-30-90-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@244-Ant5-1--PASS-see graph

1-N41-PC3-30-90-H-3-DFT-PI2BPSK-Outer_Full-2 40@0-Ant5-1--PASS-see graph



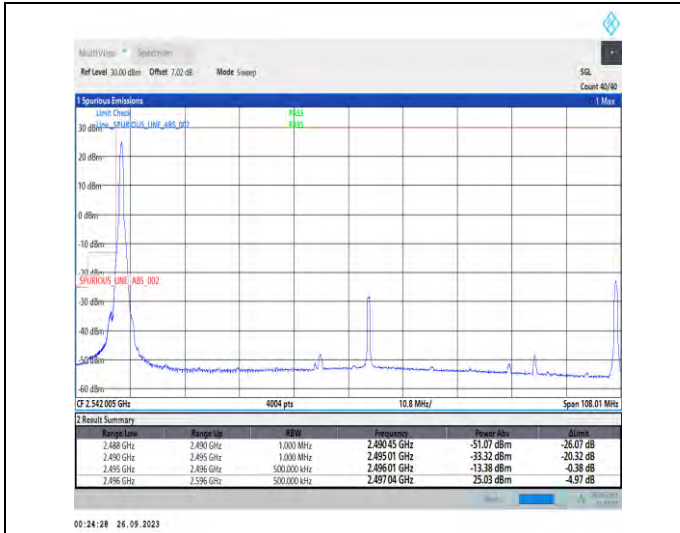
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1-N41-PC3-30-90-H-6-CP-QPSK-Outer_Full-245 @0-Ant5-1--PASS-see graph

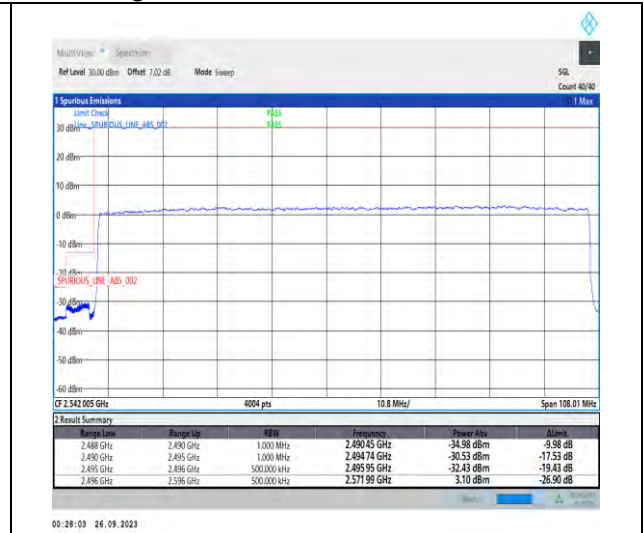


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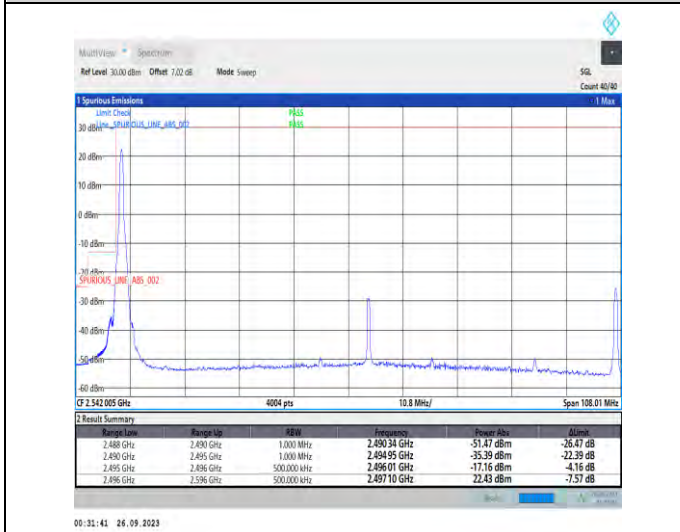
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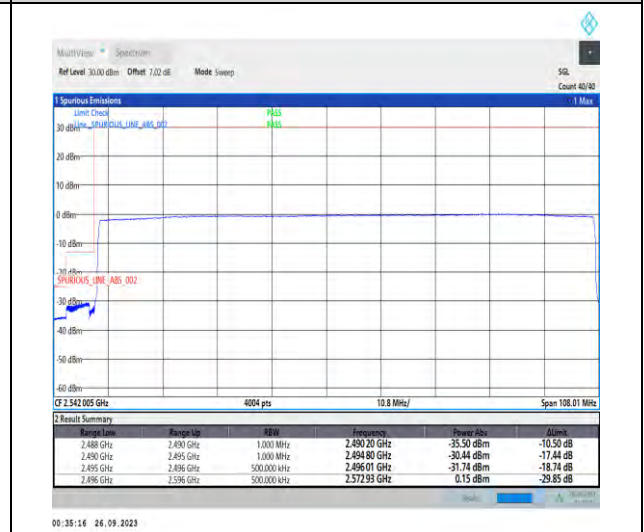
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1-N41-PC3-30-100-L-3-DFT-PI2BPSK-Outer_Full-270@0-Ant5-1--PASS-see graph



1-N41-PC3-30-100-L-4-CP-QPSK-Edge_1RB_Left1@0-Ant5-1--PASS-see graph

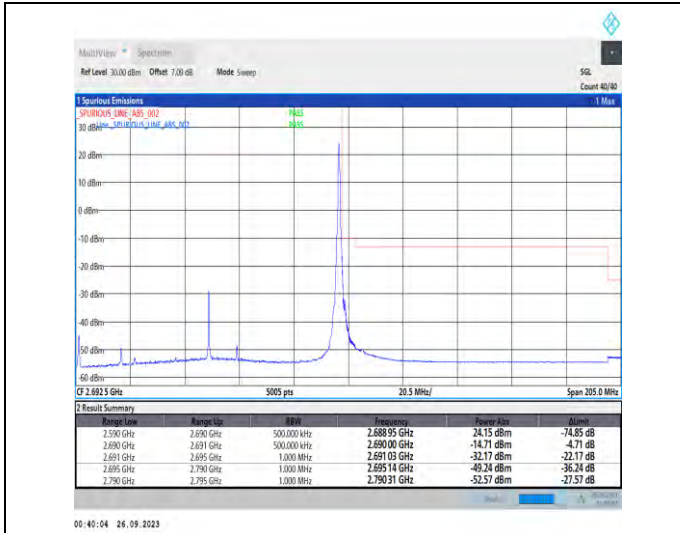


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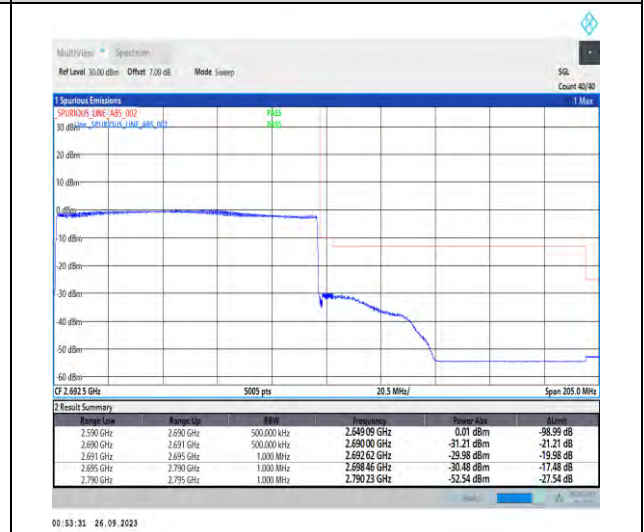
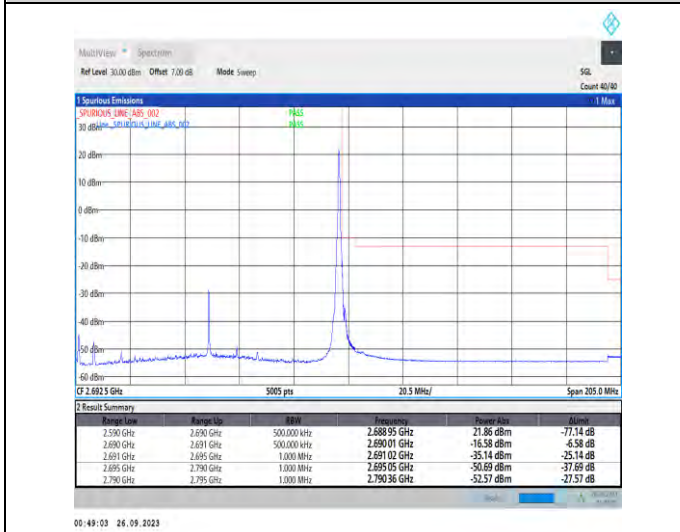
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1-N41-PC3-30-100-H-2-DFT-PI2BPSK-Edge_1RB_Rig ht-1@272-Ant5-1--PASS-see graph

1-N41-PC3-30-100-H-3-DFT-PI2BPSK-Outer_Full-270@0-Ant5-1--PASS-see graph



1-N41-PC3-30-100-H-5-CP-QPSK-Edge_1RB_Right-1 @272-Ant5-1--PASS-see graph

1-N41-PC3-30-100-H-6-CP-QPSK-Outer_Full-273 @0-Ant5-1--PASS-see graph

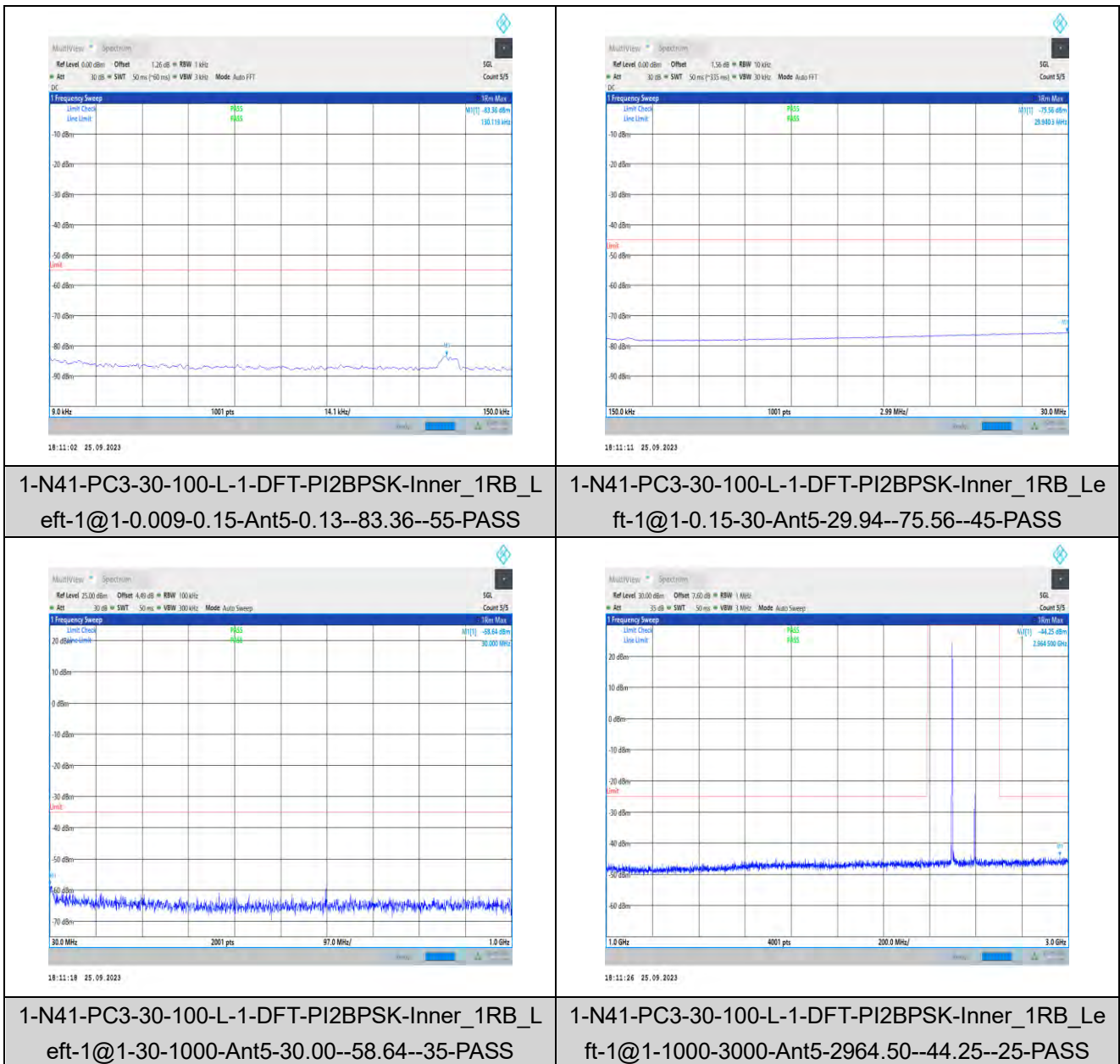


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Conducted Spurious Emission for SA

Test Graphs

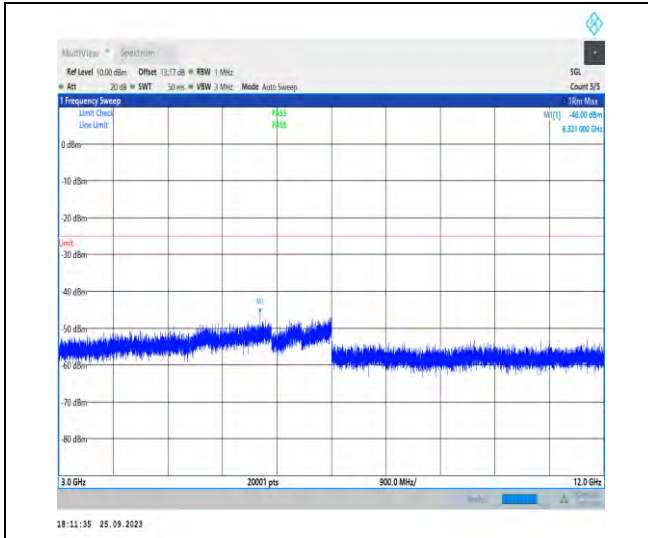


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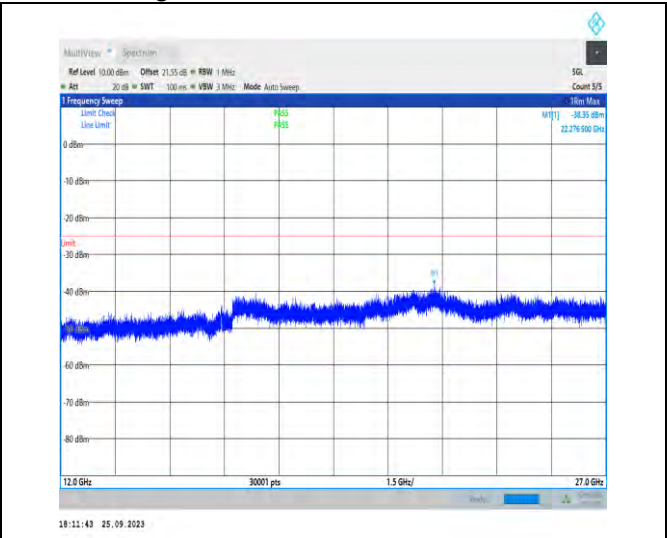
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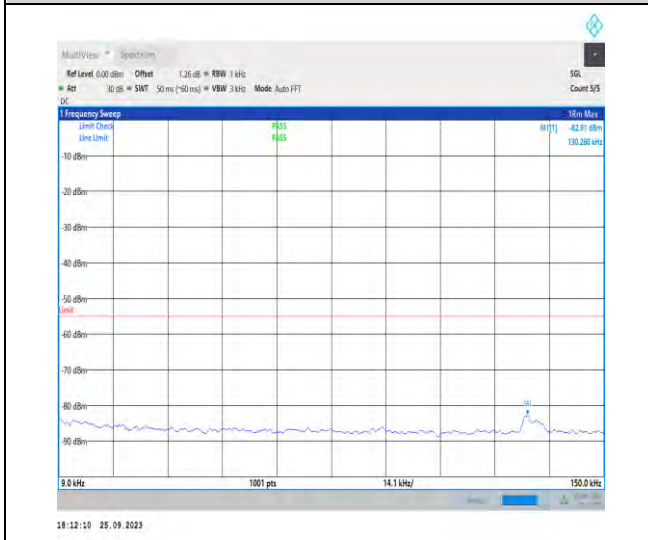
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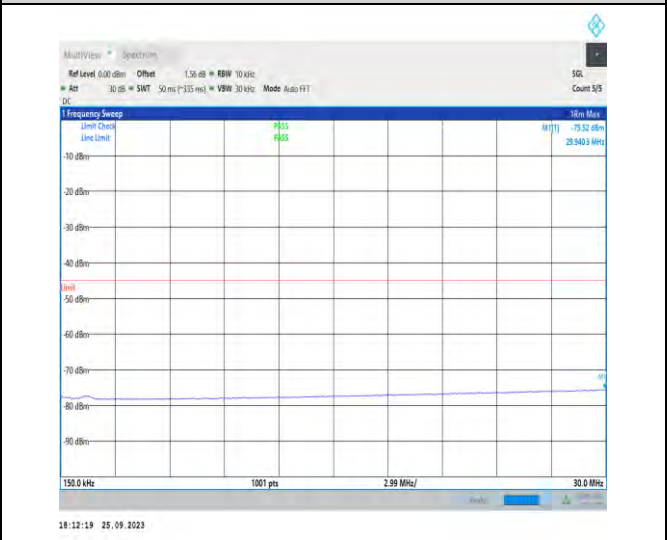
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S



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S



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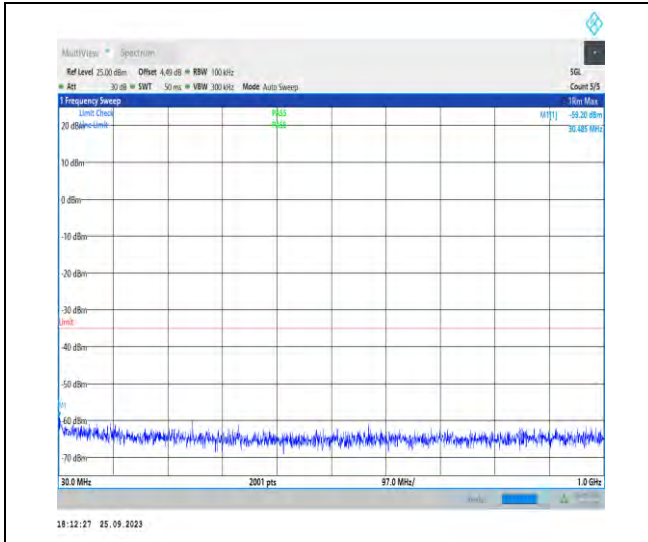


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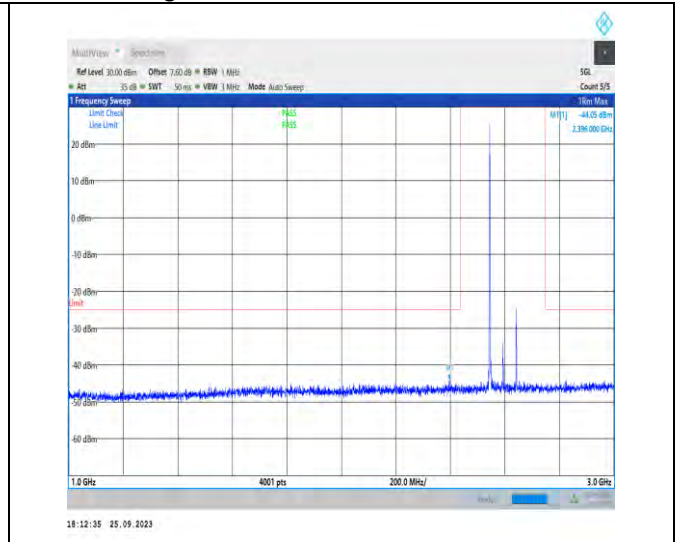


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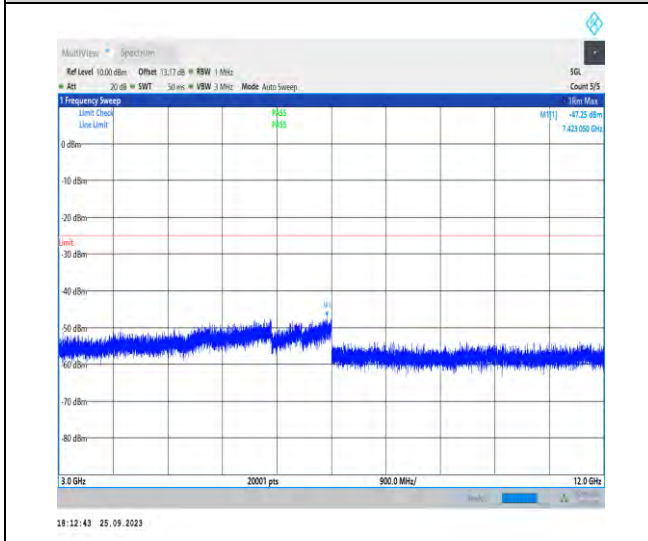
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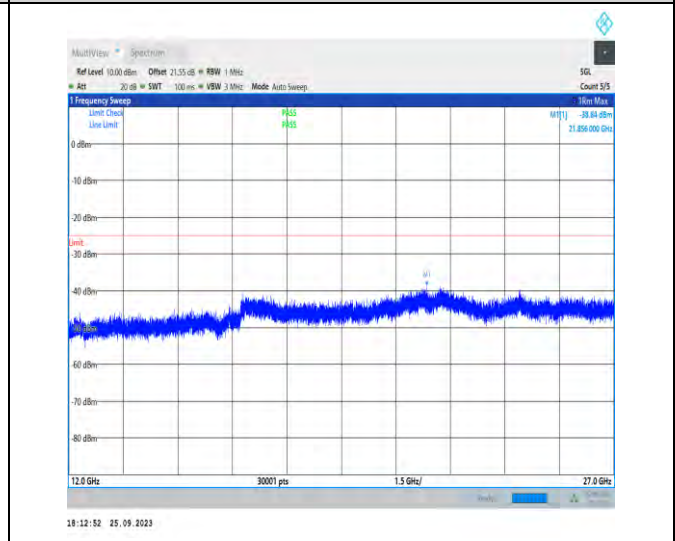
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1-N41-PC3-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant5-2396.00--44.05--25-PASS



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SS

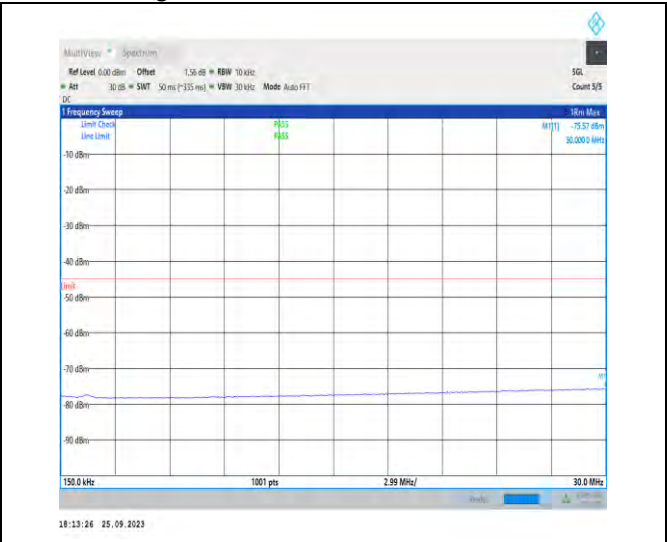
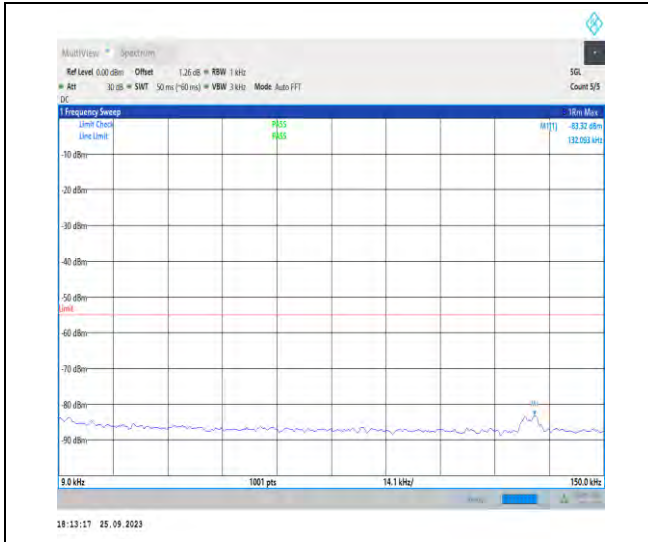


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SS



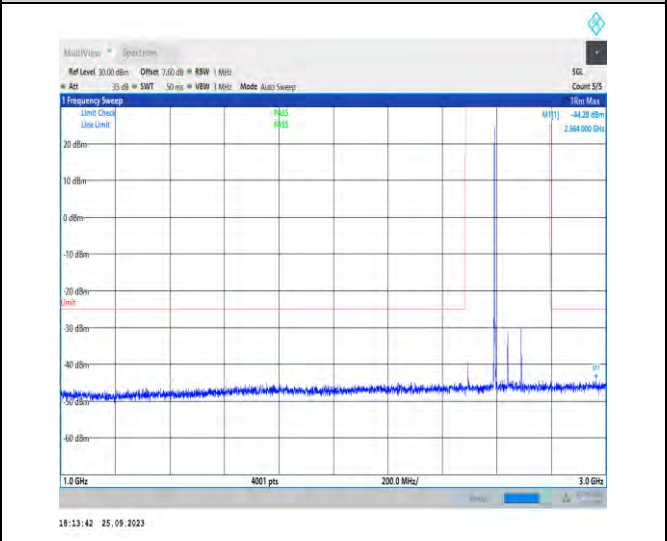
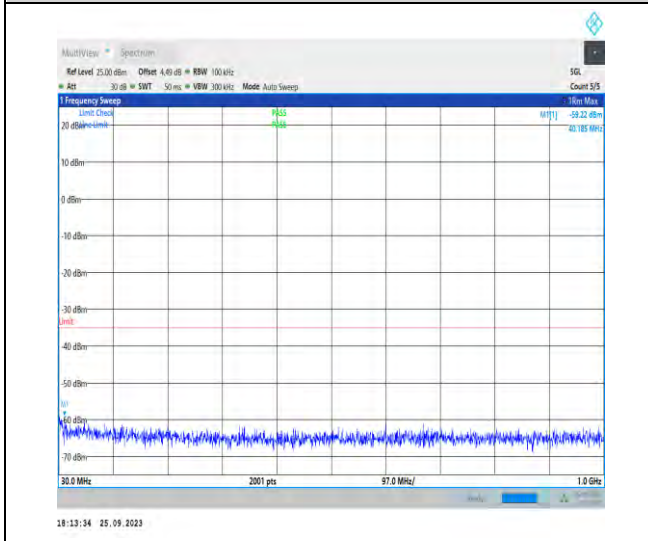
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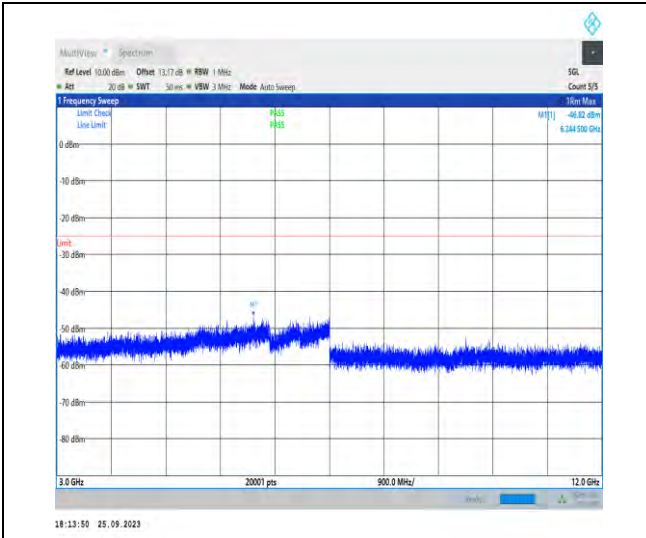
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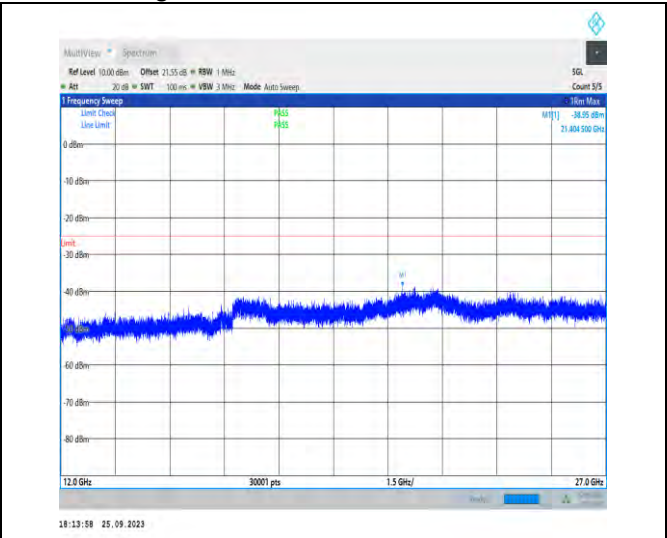


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1-N41-PC3-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant5-6244.50--46.82--25-PA
SS



1-N41-PC3-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant5-21404.50--38.95--25-PA
SS



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Field Strength of Spurious Radiation

Test Band = SA Band 41_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	43.26	-48.01	31.51	-68.50	-25.00	43.50	Horizontal
2	7503.3	41.55	-46.11	36.80	-63.03	-25.00	38.03	Horizontal
3	10004.4	38.72	-41.71	38.50	-59.74	-25.00	34.74	Horizontal
4	12505.5	35.81	-39.84	38.90	-60.39	-25.00	35.39	Horizontal
5	15006.6	35.97	-38.03	40.09	-57.24	-25.00	32.24	Horizontal
6	17507.7	34.66	-36.82	42.15	-55.27	-25.00	30.27	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2	43.59	-48.01	31.51	-68.17	-25.00	43.17	Vertical
2	7503.3	42.12	-46.11	36.80	-62.46	-25.00	37.46	Vertical
3	10004.4	38.77	-41.71	38.50	-59.69	-25.00	34.69	Vertical
4	12505.5	35.87	-39.84	38.90	-60.33	-25.00	35.33	Vertical
5	15006.6	35.69	-38.03	40.09	-57.52	-25.00	32.52	Vertical
6	17507.7	35.70	-36.82	42.15	-54.23	-25.00	29.23	Vertical



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Test Band = SA Band 41_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.16	43.43	-47.83	31.73	-67.93	-25.00	42.93	Horizontal
2	7644.24	40.75	-44.85	36.63	-62.74	-25.00	37.74	Horizontal
3	10192.32	37.97	-42.12	38.67	-60.74	-25.00	35.74	Horizontal
4	12740.4	36.77	-39.28	38.76	-59.02	-25.00	34.02	Horizontal
5	15288.48	35.97	-37.77	39.55	-57.51	-25.00	32.51	Horizontal
6	17836.56	34.23	-37.06	44.26	-53.83	-25.00	28.83	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.16	43.04	-47.83	31.73	-68.32	-25.00	43.32	Vertical
2	7644.24	41.32	-44.85	36.63	-62.17	-25.00	37.17	Vertical
3	10192.32	37.59	-42.12	38.67	-61.12	-25.00	36.12	Vertical
4	12740.4	37.51	-39.28	38.76	-58.28	-25.00	33.28	Vertical
5	15288.48	36.26	-37.77	39.55	-57.22	-25.00	32.22	Vertical
6	17836.56	34.92	-37.06	44.26	-53.14	-25.00	28.14	Vertical



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Test Band = SA Band 41_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4049.5	45.40	-48.12	29.49	-68.49	-25.00	43.49	Horizontal
2	5190.18	43.13	-47.88	31.96	-68.06	-25.00	43.06	Horizontal
3	7785.27	42.15	-44.95	36.46	-61.61	-25.00	36.61	Horizontal
4	10380.36	37.64	-41.22	38.84	-60.00	-25.00	35.00	Horizontal
5	12975.45	36.55	-39.40	38.61	-59.50	-25.00	34.50	Horizontal
6	15570.54	35.89	-37.75	39.02	-58.11	-25.00	33.11	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4075.5	45.56	-48.09	29.54	-68.25	-25.00	43.25	Vertical
2	5190.18	43.32	-47.88	31.96	-67.87	-25.00	42.87	Vertical
3	7785.27	42.73	-44.95	36.46	-61.03	-25.00	36.03	Vertical
4	10380.36	37.88	-41.22	38.84	-59.76	-25.00	34.76	Vertical
5	12975.45	36.49	-39.40	38.61	-59.56	-25.00	34.56	Vertical
6	15570.54	34.80	-37.75	39.02	-59.20	-25.00	34.20	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

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	-12.500000	-0.004821	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-3.900000	-0.001504	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-8.800000	-0.003394	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	-4.100000	-0.001581	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	2.100000	0.000810	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	-9.100000	-0.003509	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	-8.700000	-0.003355	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-7.100000	-0.002738	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-8.900000	-0.003432	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-17.800000	-0.006865	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-17.000000	-0.006556	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.300000	-0.002044	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-11.100000	-0.004281	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-5.700000	-0.002198	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-2.100000	-0.000810	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-0.700000	-0.000270	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-8.600000	-0.003317	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-10.500000	-0.004049	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-12.100000	-0.004666	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-8.700000	-0.003355	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-12.700000	-0.004898	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	40	4.100000	0.001581	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-6.100000	-0.002352	PASS

---End of Attachment---



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