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Appendix B.46

NR Band n66



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N66	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.45	24.92	30	PASS
N66	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.37	24.84	30	PASS
N66	15	5	DFT-PI2BPSK	L	Outer_Full	23.5	24.97	30	PASS
N66	15	5	DFT-QPSK	L	Inner_1RB_Left	23.47	24.94	30	PASS
N66	15	5	DFT-QPSK	L	Inner_1RB_Right	23.55	25.02	30	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	23.51	24.98	30	PASS
N66	15	5	DFT-16QAM	L	Inner_1RB_Left	23.5	24.97	30	PASS
N66	15	5	DFT-16QAM	L	Inner_1RB_Right	23.4	24.87	30	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	22.43	23.9	30	PASS
N66	15	5	DFT-64QAM	L	Inner_1RB_Left	22.44	23.91	30	PASS
N66	15	5	DFT-64QAM	L	Inner_1RB_Right	22.39	23.86	30	PASS
N66	15	5	DFT-64QAM	L	Outer_Full	22.18	23.65	30	PASS
N66	15	5	DFT-256QAM	L	Inner_1RB_Left	19.66	21.13	30	PASS
N66	15	5	DFT-256QAM	L	Inner_1RB_Right	19.56	21.03	30	PASS
N66	15	5	DFT-256QAM	L	Outer_Full	20.18	21.65	30	PASS
N66	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.43	24.9	30	PASS
N66	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.39	24.86	30	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	23.42	24.89	30	PASS
N66	15	5	DFT-QPSK	M	Inner_1RB_Left	23.5	24.97	30	PASS
N66	15	5	DFT-QPSK	M	Inner_1RB_Right	23.43	24.9	30	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	23.33	24.8	30	PASS
N66	15	5	DFT-16QAM	M	Inner_1RB_Left	23.33	24.8	30	PASS
N66	15	5	DFT-16QAM	M	Inner_1RB_Right	23.41	24.88	30	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	22.53	24	30	PASS
N66	15	5	DFT-64QAM	M	Inner_1RB_Left	22.2	23.67	30	PASS
N66	15	5	DFT-64QAM	M	Inner_1RB_Right	22.21	23.68	30	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	21.98	23.45	30	PASS
N66	15	5	DFT-256QAM	M	Inner_1RB_Left	19.42	20.89	30	PASS
N66	15	5	DFT-256QAM	M	Inner_1RB_Right	19.48	20.95	30	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	20	21.47	30	PASS
N66	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.52	24.99	30	PASS



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N66	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.54	25.01	30	PASS
N66	15	5	DFT-PI2BPSK	H	Outer_Full	23.41	24.88	30	PASS
N66	15	5	DFT-QPSK	H	Inner_1RB_Left	23.38	24.85	30	PASS
N66	15	5	DFT-QPSK	H	Inner_1RB_Right	23.47	24.94	30	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	23.46	24.93	30	PASS
N66	15	5	DFT-16QAM	H	Inner_1RB_Left	23.34	24.81	30	PASS
N66	15	5	DFT-16QAM	H	Inner_1RB_Right	23.48	24.95	30	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	22.68	24.15	30	PASS
N66	15	5	DFT-64QAM	H	Inner_1RB_Left	22.24	23.71	30	PASS
N66	15	5	DFT-64QAM	H	Inner_1RB_Right	22.4	23.87	30	PASS
N66	15	5	DFT-64QAM	H	Outer_Full	21.99	23.46	30	PASS
N66	15	5	DFT-256QAM	H	Inner_1RB_Left	19.55	21.02	30	PASS
N66	15	5	DFT-256QAM	H	Inner_1RB_Right	19.54	21.01	30	PASS
N66	15	5	DFT-256QAM	H	Outer_Full	20.09	21.56	30	PASS
N66	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.5	24.97	30	PASS
N66	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.36	24.83	30	PASS
N66	15	10	DFT-PI2BPSK	L	Outer_Full	23.57	25.04	30	PASS
N66	15	10	DFT-QPSK	L	Inner_1RB_Left	23.57	25.04	30	PASS
N66	15	10	DFT-QPSK	L	Inner_1RB_Right	23.42	24.89	30	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	23.6	25.07	30	PASS
N66	15	10	DFT-16QAM	L	Inner_1RB_Left	23.5	24.97	30	PASS
N66	15	10	DFT-16QAM	L	Inner_1RB_Right	23.42	24.89	30	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	22.62	24.09	30	PASS
N66	15	10	DFT-64QAM	L	Inner_1RB_Left	22.36	23.83	30	PASS
N66	15	10	DFT-64QAM	L	Inner_1RB_Right	22.26	23.73	30	PASS
N66	15	10	DFT-64QAM	L	Outer_Full	22.16	23.63	30	PASS
N66	15	10	DFT-256QAM	L	Inner_1RB_Left	19.59	21.06	30	PASS
N66	15	10	DFT-256QAM	L	Inner_1RB_Right	19.62	21.09	30	PASS
N66	15	10	DFT-256QAM	L	Outer_Full	20.14	21.61	30	PASS
N66	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.47	24.94	30	PASS
N66	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.28	24.75	30	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	23.41	24.88	30	PASS
N66	15	10	DFT-QPSK	M	Inner_1RB_Left	23.32	24.79	30	PASS
N66	15	10	DFT-QPSK	M	Inner_1RB_Right	23.42	24.89	30	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	23.49	24.96	30	PASS
N66	15	10	DFT-16QAM	M	Inner_1RB_Left	23.3	24.77	30	PASS
N66	15	10	DFT-16QAM	M	Inner_1RB_Right	23.44	24.91	30	PASS



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N66	15	10	DFT-16QAM	M	Outer_Full	22.47	23.94	30	PASS
N66	15	10	DFT-64QAM	M	Inner_1RB_Left	22.22	23.69	30	PASS
N66	15	10	DFT-64QAM	M	Inner_1RB_Right	22.16	23.63	30	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	22.07	23.54	30	PASS
N66	15	10	DFT-256QAM	M	Inner_1RB_Left	19.45	20.92	30	PASS
N66	15	10	DFT-256QAM	M	Inner_1RB_Right	19.44	20.91	30	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	19.99	21.46	30	PASS
N66	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.46	24.93	30	PASS
N66	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.51	24.98	30	PASS
N66	15	10	DFT-PI2BPSK	H	Outer_Full	23.49	24.96	30	PASS
N66	15	10	DFT-QPSK	H	Inner_1RB_Left	23.42	24.89	30	PASS
N66	15	10	DFT-QPSK	H	Inner_1RB_Right	23.57	25.04	30	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	23.53	25	30	PASS
N66	15	10	DFT-16QAM	H	Inner_1RB_Left	23.49	24.96	30	PASS
N66	15	10	DFT-16QAM	H	Inner_1RB_Right	23.38	24.85	30	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	22.54	24.01	30	PASS
N66	15	10	DFT-64QAM	H	Inner_1RB_Left	22.2	23.67	30	PASS
N66	15	10	DFT-64QAM	H	Inner_1RB_Right	22.29	23.76	30	PASS
N66	15	10	DFT-64QAM	H	Outer_Full	22.12	23.59	30	PASS
N66	15	10	DFT-256QAM	H	Inner_1RB_Left	19.57	21.04	30	PASS
N66	15	10	DFT-256QAM	H	Inner_1RB_Right	19.54	21.01	30	PASS
N66	15	10	DFT-256QAM	H	Outer_Full	20.02	21.49	30	PASS
N66	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.79	25.26	30	PASS
N66	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.66	25.13	30	PASS
N66	15	15	DFT-PI2BPSK	L	Outer_Full	23.79	25.26	30	PASS
N66	15	15	DFT-QPSK	L	Inner_1RB_Left	23.58	25.05	30	PASS
N66	15	15	DFT-QPSK	L	Inner_1RB_Right	23.65	25.12	30	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	23.76	25.23	30	PASS
N66	15	15	DFT-16QAM	L	Inner_1RB_Left	23.68	25.15	30	PASS
N66	15	15	DFT-16QAM	L	Inner_1RB_Right	23.69	25.16	30	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	22.89	24.36	30	PASS
N66	15	15	DFT-64QAM	L	Inner_1RB_Left	22.55	24.02	30	PASS
N66	15	15	DFT-64QAM	L	Inner_1RB_Right	22.53	24	30	PASS
N66	15	15	DFT-64QAM	L	Outer_Full	22.33	23.8	30	PASS
N66	15	15	DFT-256QAM	L	Inner_1RB_Left	19.76	21.23	30	PASS
N66	15	15	DFT-256QAM	L	Inner_1RB_Right	19.84	21.31	30	PASS
N66	15	15	DFT-256QAM	L	Outer_Full	20.25	21.72	30	PASS



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N66	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.52	24.99	30	PASS
N66	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.57	25.04	30	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	23.52	24.99	30	PASS
N66	15	15	DFT-QPSK	M	Inner_1RB_Left	23.43	24.9	30	PASS
N66	15	15	DFT-QPSK	M	Inner_1RB_Right	23.49	24.96	30	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	23.51	24.98	30	PASS
N66	15	15	DFT-16QAM	M	Inner_1RB_Left	23.48	24.95	30	PASS
N66	15	15	DFT-16QAM	M	Inner_1RB_Right	23.56	25.03	30	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	22.72	24.19	30	PASS
N66	15	15	DFT-64QAM	M	Inner_1RB_Left	22.4	23.87	30	PASS
N66	15	15	DFT-64QAM	M	Inner_1RB_Right	22.38	23.85	30	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	22.24	23.71	30	PASS
N66	15	15	DFT-256QAM	M	Inner_1RB_Left	19.58	21.05	30	PASS
N66	15	15	DFT-256QAM	M	Inner_1RB_Right	19.62	21.09	30	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	20.07	21.54	30	PASS
N66	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.66	25.13	30	PASS
N66	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.51	24.98	30	PASS
N66	15	15	DFT-PI2BPSK	H	Outer_Full	23.68	25.15	30	PASS
N66	15	15	DFT-QPSK	H	Inner_1RB_Left	23.49	24.96	30	PASS
N66	15	15	DFT-QPSK	H	Inner_1RB_Right	23.59	25.06	30	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	23.58	25.05	30	PASS
N66	15	15	DFT-16QAM	H	Inner_1RB_Left	23.61	25.08	30	PASS
N66	15	15	DFT-16QAM	H	Inner_1RB_Right	23.56	25.03	30	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	22.71	24.18	30	PASS
N66	15	15	DFT-64QAM	H	Inner_1RB_Left	22.49	23.96	30	PASS
N66	15	15	DFT-64QAM	H	Inner_1RB_Right	22.5	23.97	30	PASS
N66	15	15	DFT-64QAM	H	Outer_Full	22.32	23.79	30	PASS
N66	15	15	DFT-256QAM	H	Inner_1RB_Left	19.68	21.15	30	PASS
N66	15	15	DFT-256QAM	H	Inner_1RB_Right	19.67	21.14	30	PASS
N66	15	15	DFT-256QAM	H	Outer_Full	20.26	21.73	30	PASS
N66	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.7	25.17	30	PASS
N66	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.53	25	30	PASS
N66	15	20	DFT-PI2BPSK	L	Outer_Full	23.67	25.14	30	PASS
N66	15	20	DFT-QPSK	L	Inner_1RB_Left	23.59	25.06	30	PASS
N66	15	20	DFT-QPSK	L	Inner_1RB_Right	23.8	25.27	30	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	23.7	25.17	30	PASS
N66	15	20	DFT-16QAM	L	Inner_1RB_Left	23.67	25.14	30	PASS



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N66	15	20	DFT-16QAM	L	Inner_1RB_Right	23.61	25.08	30	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	22.68	24.15	30	PASS
N66	15	20	DFT-64QAM	L	Inner_1RB_Left	22.52	23.99	30	PASS
N66	15	20	DFT-64QAM	L	Inner_1RB_Right	22.51	23.98	30	PASS
N66	15	20	DFT-64QAM	L	Outer_Full	22.25	23.72	30	PASS
N66	15	20	DFT-256QAM	L	Inner_1RB_Left	19.8	21.27	30	PASS
N66	15	20	DFT-256QAM	L	Inner_1RB_Right	19.67	21.14	30	PASS
N66	15	20	DFT-256QAM	L	Outer_Full	20.26	21.73	30	PASS
N66	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.57	25.04	30	PASS
N66	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.5	24.97	30	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	23.54	25.01	30	PASS
N66	15	20	DFT-QPSK	M	Inner_1RB_Left	23.44	24.91	30	PASS
N66	15	20	DFT-QPSK	M	Inner_1RB_Right	23.42	24.89	30	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	23.53	25	30	PASS
N66	15	20	DFT-16QAM	M	Inner_1RB_Left	23.52	24.99	30	PASS
N66	15	20	DFT-16QAM	M	Inner_1RB_Right	23.47	24.94	30	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	22.59	24.06	30	PASS
N66	15	20	DFT-64QAM	M	Inner_1RB_Left	22.37	23.84	30	PASS
N66	15	20	DFT-64QAM	M	Inner_1RB_Right	22.33	23.8	30	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	22.21	23.68	30	PASS
N66	15	20	DFT-256QAM	M	Inner_1RB_Left	19.69	21.16	30	PASS
N66	15	20	DFT-256QAM	M	Inner_1RB_Right	19.61	21.08	30	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	20.16	21.63	30	PASS
N66	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.55	25.02	30	PASS
N66	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.56	25.03	30	PASS
N66	15	20	DFT-PI2BPSK	H	Outer_Full	23.61	25.08	30	PASS
N66	15	20	DFT-QPSK	H	Inner_1RB_Left	23.5	24.97	30	PASS
N66	15	20	DFT-QPSK	H	Inner_1RB_Right	23.71	25.18	30	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	23.71	25.18	30	PASS
N66	15	20	DFT-16QAM	H	Inner_1RB_Left	23.51	24.98	30	PASS
N66	15	20	DFT-16QAM	H	Inner_1RB_Right	23.59	25.06	30	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	22.77	24.24	30	PASS
N66	15	20	DFT-64QAM	H	Inner_1RB_Left	22.31	23.78	30	PASS
N66	15	20	DFT-64QAM	H	Inner_1RB_Right	22.47	23.94	30	PASS
N66	15	20	DFT-64QAM	H	Outer_Full	22.29	23.76	30	PASS
N66	15	20	DFT-256QAM	H	Inner_1RB_Left	19.6	21.07	30	PASS
N66	15	20	DFT-256QAM	H	Inner_1RB_Right	19.62	21.09	30	PASS



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N66	15	20	DFT-256QAM	H	Outer_Full	20.22	21.69	30	PASS
N66	15	30	DFT-PI2BPSK	L	Inner_1RB_Left	23.61	25.08	30	PASS
N66	15	30	DFT-PI2BPSK	L	Inner_1RB_Right	23.46	24.93	30	PASS
N66	15	30	DFT-PI2BPSK	L	Outer_Full	23.7	25.17	30	PASS
N66	15	30	DFT-QPSK	L	Inner_1RB_Left	23.71	25.18	30	PASS
N66	15	30	DFT-QPSK	L	Inner_1RB_Right	23.64	25.11	30	PASS
N66	15	30	DFT-QPSK	L	Outer_Full	23.7	25.17	30	PASS
N66	15	30	DFT-16QAM	L	Inner_1RB_Left	23.59	25.06	30	PASS
N66	15	30	DFT-16QAM	L	Inner_1RB_Right	23.54	25.01	30	PASS
N66	15	30	DFT-16QAM	L	Outer_Full	22.83	24.3	30	PASS
N66	15	30	DFT-64QAM	L	Inner_1RB_Left	22.44	23.91	30	PASS
N66	15	30	DFT-64QAM	L	Inner_1RB_Right	22.34	23.81	30	PASS
N66	15	30	DFT-64QAM	L	Outer_Full	22.39	23.86	30	PASS
N66	15	30	DFT-256QAM	L	Inner_1RB_Left	19.96	21.43	30	PASS
N66	15	30	DFT-256QAM	L	Inner_1RB_Right	19.68	21.15	30	PASS
N66	15	30	DFT-256QAM	L	Outer_Full	20.28	21.75	30	PASS
N66	15	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.59	25.06	30	PASS
N66	15	30	DFT-PI2BPSK	M	Inner_1RB_Right	23.58	25.05	30	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	23.58	25.05	30	PASS
N66	15	30	DFT-QPSK	M	Inner_1RB_Left	23.44	24.91	30	PASS
N66	15	30	DFT-QPSK	M	Inner_1RB_Right	23.6	25.07	30	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	23.61	25.08	30	PASS
N66	15	30	DFT-16QAM	M	Inner_1RB_Left	23.51	24.98	30	PASS
N66	15	30	DFT-16QAM	M	Inner_1RB_Right	23.54	25.01	30	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	22.8	24.27	30	PASS
N66	15	30	DFT-64QAM	M	Inner_1RB_Left	22.37	23.84	30	PASS
N66	15	30	DFT-64QAM	M	Inner_1RB_Right	22.53	24	30	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	22.26	23.73	30	PASS
N66	15	30	DFT-256QAM	M	Inner_1RB_Left	19.82	21.29	30	PASS
N66	15	30	DFT-256QAM	M	Inner_1RB_Right	19.76	21.23	30	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	20.2	21.67	30	PASS
N66	15	30	DFT-PI2BPSK	H	Inner_1RB_Left	23.65	25.12	30	PASS
N66	15	30	DFT-PI2BPSK	H	Inner_1RB_Right	23.67	25.14	30	PASS
N66	15	30	DFT-PI2BPSK	H	Outer_Full	23.72	25.19	30	PASS
N66	15	30	DFT-QPSK	H	Inner_1RB_Left	23.51	24.98	30	PASS
N66	15	30	DFT-QPSK	H	Inner_1RB_Right	23.74	25.21	30	PASS
N66	15	30	DFT-QPSK	H	Outer_Full	23.79	25.26	30	PASS



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N66	15	30	DFT-16QAM	H	Inner_1RB_Left	23.59	25.06	30	PASS
N66	15	30	DFT-16QAM	H	Inner_1RB_Right	23.64	25.11	30	PASS
N66	15	30	DFT-16QAM	H	Outer_Full	22.88	24.35	30	PASS
N66	15	30	DFT-64QAM	H	Inner_1RB_Left	22.4	23.87	30	PASS
N66	15	30	DFT-64QAM	H	Inner_1RB_Right	22.54	24.01	30	PASS
N66	15	30	DFT-64QAM	H	Outer_Full	22.38	23.85	30	PASS
N66	15	30	DFT-256QAM	H	Inner_1RB_Left	19.92	21.39	30	PASS
N66	15	30	DFT-256QAM	H	Inner_1RB_Right	19.86	21.33	30	PASS
N66	15	30	DFT-256QAM	H	Outer_Full	20.26	21.73	30	PASS
N66	15	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.56	25.03	30	PASS
N66	15	40	DFT-PI2BPSK	L	Inner_1RB_Right	23.56	25.03	30	PASS
N66	15	40	DFT-PI2BPSK	L	Outer_Full	23.72	25.19	30	PASS
N66	15	40	DFT-QPSK	L	Inner_1RB_Left	17.55	19.02	30	PASS
N66	15	40	DFT-QPSK	L	Inner_1RB_Right	23.56	25.03	30	PASS
N66	15	40	DFT-QPSK	L	Outer_Full	23.75	25.22	30	PASS
N66	15	40	DFT-16QAM	L	Inner_1RB_Left	23.6	25.07	30	PASS
N66	15	40	DFT-16QAM	L	Inner_1RB_Right	23.48	24.95	30	PASS
N66	15	40	DFT-16QAM	L	Outer_Full	22.8	24.27	30	PASS
N66	15	40	DFT-64QAM	L	Inner_1RB_Left	22.43	23.9	30	PASS
N66	15	40	DFT-64QAM	L	Inner_1RB_Right	22.21	23.68	30	PASS
N66	15	40	DFT-64QAM	L	Outer_Full	22.34	23.81	30	PASS
N66	15	40	DFT-256QAM	L	Inner_1RB_Left	19.94	21.41	30	PASS
N66	15	40	DFT-256QAM	L	Inner_1RB_Right	19.7	21.17	30	PASS
N66	15	40	DFT-256QAM	L	Outer_Full	20.4	21.87	30	PASS
N66	15	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.67	25.14	30	PASS
N66	15	40	DFT-PI2BPSK	M	Inner_1RB_Right	23.55	25.02	30	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	23.61	25.08	30	PASS
N66	15	40	DFT-QPSK	M	Inner_1RB_Left	23.47	24.94	30	PASS
N66	15	40	DFT-QPSK	M	Inner_1RB_Right	23.58	25.05	30	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	23.63	25.1	30	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Left	23.51	24.98	30	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Right	23.54	25.01	30	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	22.81	24.28	30	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Left	22.34	23.81	30	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Right	22.42	23.89	30	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	22.27	23.74	30	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Left	19.94	21.41	30	PASS



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N66	15	40	DFT-256QAM	M	Inner_1RB_Right	19.84	21.31	30	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	20.25	21.72	30	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.45	24.92	30	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.62	25.09	30	PASS
N66	15	40	DFT-PI2BPSK	H	Outer_Full	23.72	25.19	30	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Left	23.47	24.94	30	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Right	23.8	25.27	30	PASS
N66	15	40	DFT-QPSK	H	Outer_Full	23.8	25.27	30	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Left	23.41	24.88	30	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Right	23.62	25.09	30	PASS
N66	15	40	DFT-16QAM	H	Outer_Full	22.78	24.25	30	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Left	22.3	23.77	30	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Right	22.48	23.95	30	PASS
N66	15	40	DFT-64QAM	H	Outer_Full	22.34	23.81	30	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Left	19.8	21.27	30	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Right	19.92	21.39	30	PASS



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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N66	15	40	DFT-256QAM	L	Outer_Full	6.50	13	PASS
N66	15	40	CP-256QAM	L	Outer_Full	6.59	13	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	6.55	13	PASS
N66	15	40	CP-256QAM	M	Outer_Full	6.55	13	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	6.60	13	PASS
N66	15	40	CP-256QAM	H	Outer_Full	6.60	13	PASS



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Test Graphs



1-N66-15-40-L-1-DFT-256QAM-Outer_Full-216@0-1
8.26-18.26-19~27.5-PASS



1-N66-15-40-L-2-CP-256QAM-Outer_Full-216@0-1
8.31-18.31-19~27.5-PASS



1-N66-15-40-M-1-DFT-256QAM-Outer_Full-216@0-1
8.35-18.35-19~27.5-PASS



1-N66-15-40-M-2-CP-256QAM-Outer_Full-216@0-1
8.35-18.35-19~27.5-PASS



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1-N66-15-40-H-1-DFT-256QAM-Outer_Full-216@0-1
8.19-18.19-19~27.5-PASS



1-N66-15-40-H-2-CP-256QAM-Outer_Full-216@0-1
8.19-18.19-19~27.5-PASS



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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N66	15	5	DFT-QPSK	M	Outer_Full	4.499	5.140	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	4.513	5.180	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	4.487	5.000	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	4.504	5.170	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	4.505	5.120	PASS
N66	15	5	CP-QPSK	M	Outer_Full	4.53	5.200	PASS
N66	15	5	CP-16QAM	M	Outer_Full	4.516	5.080	PASS
N66	15	5	CP-64QAM	M	Outer_Full	4.512	5.100	PASS
N66	15	5	CP-256QAM	M	Outer_Full	4.494	5.240	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	8.909	9.480	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	8.924	9.580	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	8.939	9.720	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	8.951	9.520	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	8.945	9.600	PASS
N66	15	10	CP-QPSK	M	Outer_Full	9.286	10.200	PASS
N66	15	10	CP-16QAM	M	Outer_Full	9.281	10.040	PASS
N66	15	10	CP-64QAM	M	Outer_Full	9.295	10.060	PASS
N66	15	10	CP-256QAM	M	Outer_Full	9.294	10.120	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	13.517	14.610	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	13.503	14.580	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	13.527	14.610	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	13.491	14.400	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	13.501	14.490	PASS
N66	15	15	CP-QPSK	M	Outer_Full	14.128	15.240	PASS
N66	15	15	CP-16QAM	M	Outer_Full	14.174	15.270	PASS
N66	15	15	CP-64QAM	M	Outer_Full	14.168	15.300	PASS
N66	15	15	CP-256QAM	M	Outer_Full	14.161	15.180	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	17.922	19.120	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	17.934	19.120	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	17.929	19.160	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	17.958	19.040	PASS



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N66	15	20	DFT-256QAM	M	Outer_Full	17.92	18.920	PASS
N66	15	20	CP-QPSK	M	Outer_Full	18.957	20.000	PASS
N66	15	20	CP-16QAM	M	Outer_Full	18.968	20.240	PASS
N66	15	20	CP-64QAM	M	Outer_Full	18.98	20.080	PASS
N66	15	20	CP-256QAM	M	Outer_Full	18.964	20.200	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	28.61	29.700	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	28.646	29.640	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	28.6	29.700	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	28.651	29.820	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	28.601	30.060	PASS
N66	15	30	CP-QPSK	M	Outer_Full	28.545	29.760	PASS
N66	15	30	CP-16QAM	M	Outer_Full	28.627	29.640	PASS
N66	15	30	CP-64QAM	M	Outer_Full	28.569	29.820	PASS
N66	15	30	CP-256QAM	M	Outer_Full	28.593	29.700	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	38.926	41.200	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	38.712	41.200	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	38.848	41.280	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	38.797	41.120	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	38.75	41.200	PASS
N66	15	40	CP-QPSK	M	Outer_Full	38.738	41.440	PASS
N66	15	40	CP-16QAM	M	Outer_Full	38.708	41.200	PASS
N66	15	40	CP-64QAM	M	Outer_Full	38.884	41.200	PASS
N66	15	40	CP-256QAM	M	Outer_Full	38.724	41.120	PASS



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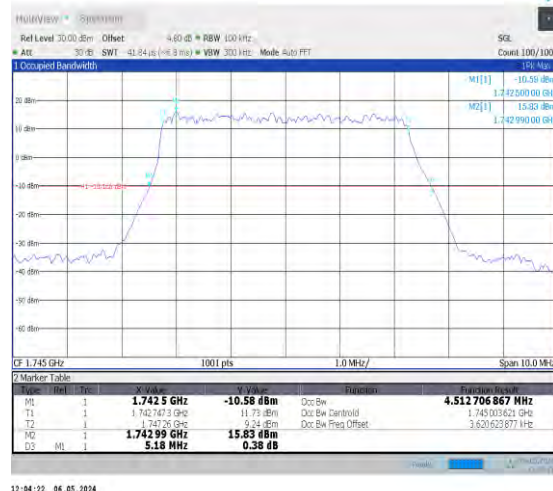
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Rev.: 01
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Test Graphs



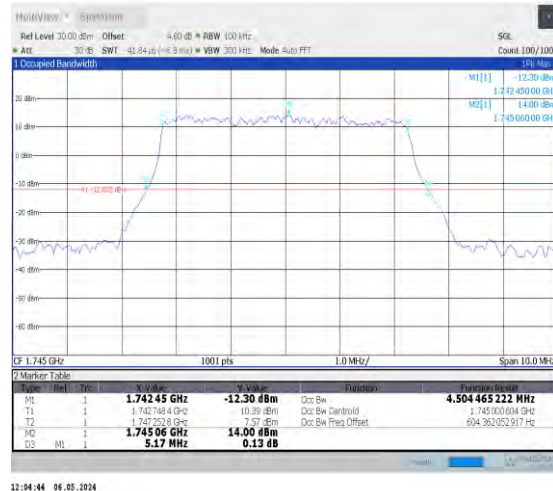
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4.499-5.140-≤5-PASS



1-N66-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-An
t0-4.513-5.180-≤5-PASS



1-N66-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant0
-4.487-5.000-≤5-PASS



1-N66-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant0
-4.504-5.170-≤5-PASS



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12:04:53 06.05.2024

1-N66-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant
0.4.505-5.120≤5-PASS



12:05:03 06.05.2024

1-N66-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant0-4.
53-5.200≤5-PASS



12:05:11 06.05.2024

1-N66-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant0-
4.516-5.080≤5-PASS



12:05:19 06.05.2024

1-N66-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant0-
4.512-5.100≤5-PASS



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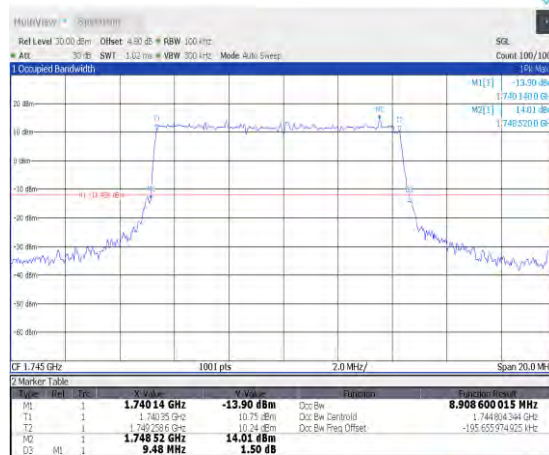
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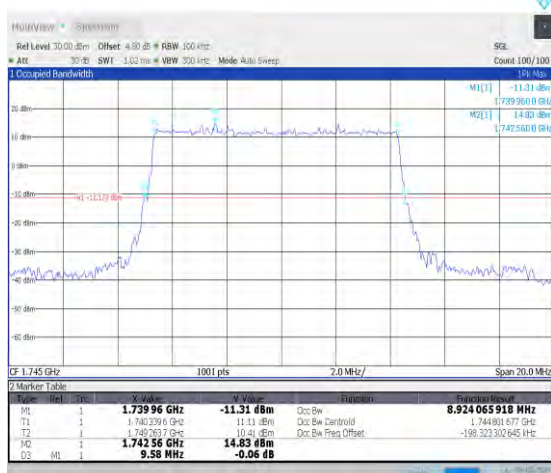
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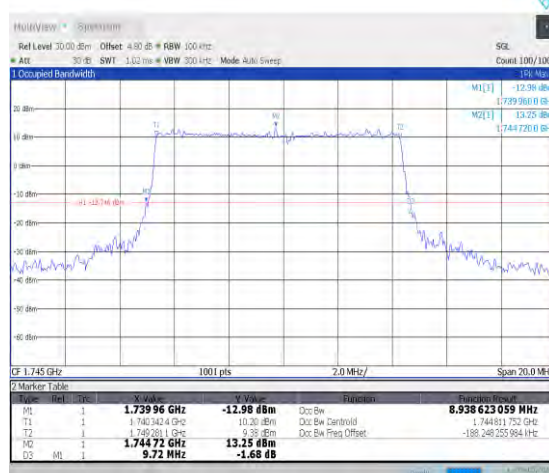
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-8.909-9.480-≤10-PASS



12:06:58 06.05.2024

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nt0-8.924-9.580-≤10-PASS



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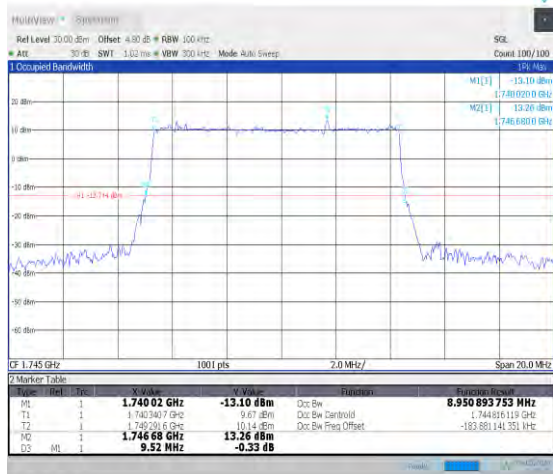
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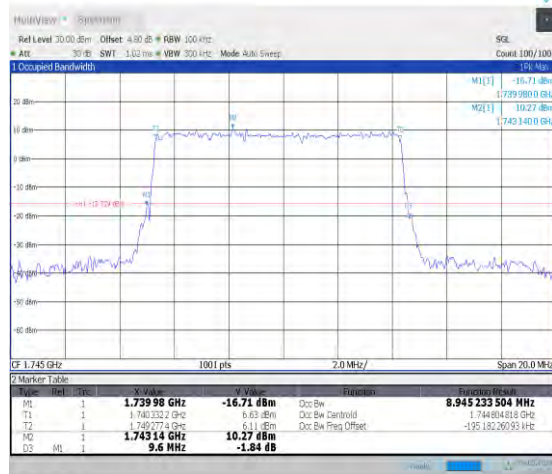
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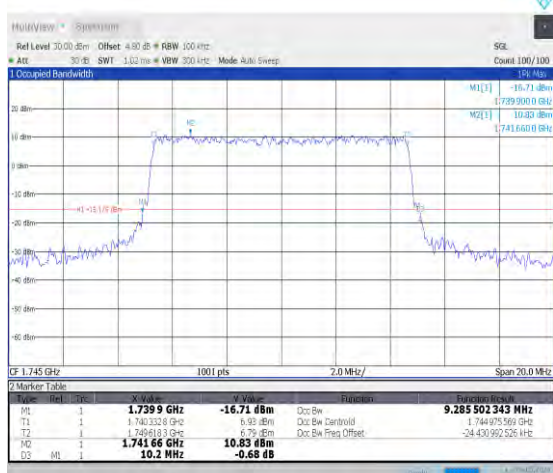
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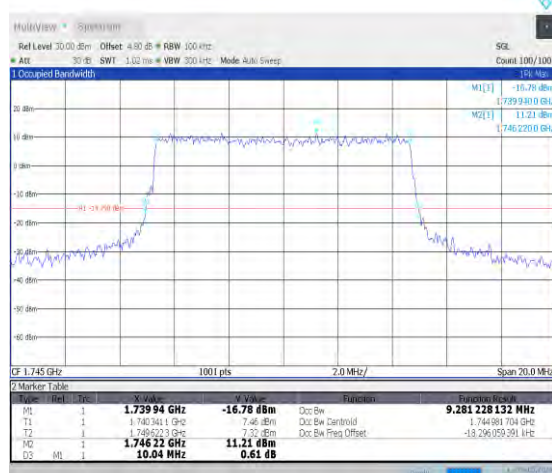
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11:07:42 06.05.2024

1-N66-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant0
9.286-10.200-≤10-PASS



11:07:49 06.05.2024

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-9.281-10.040-≤10-PASS



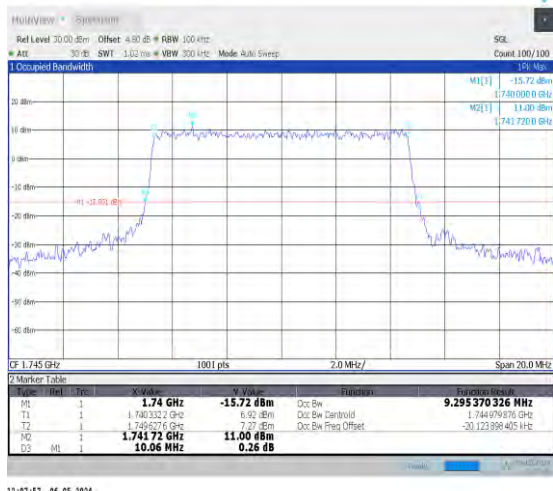
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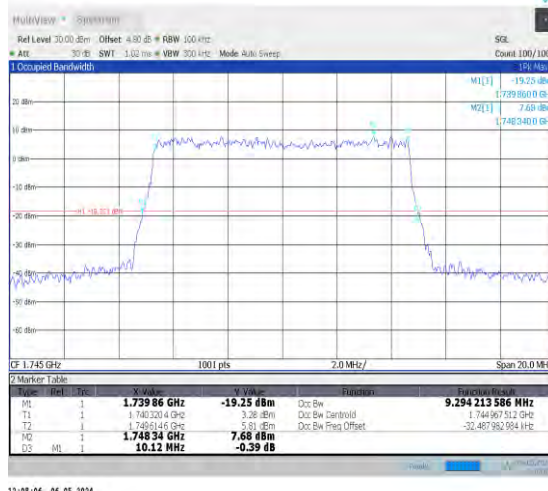
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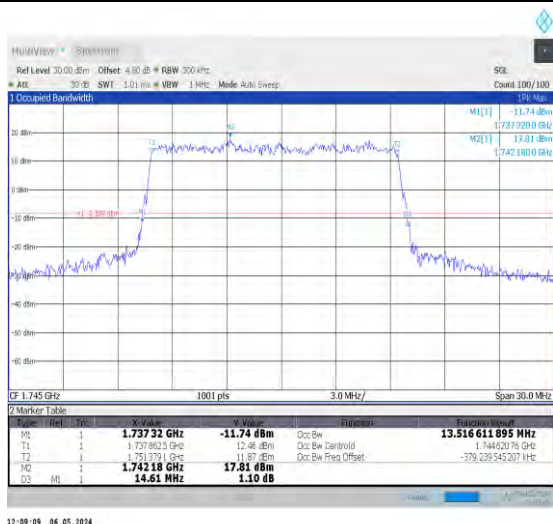
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1-N66-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant
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12:09:09 06.05.2024



12:09:26 06.05.2024

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-13.517-14.610-≤15-PASS

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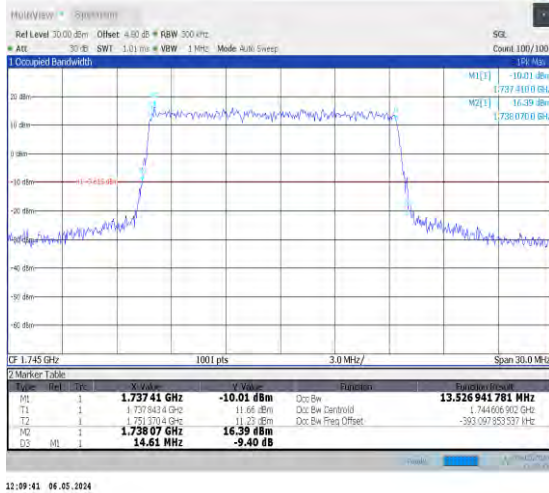
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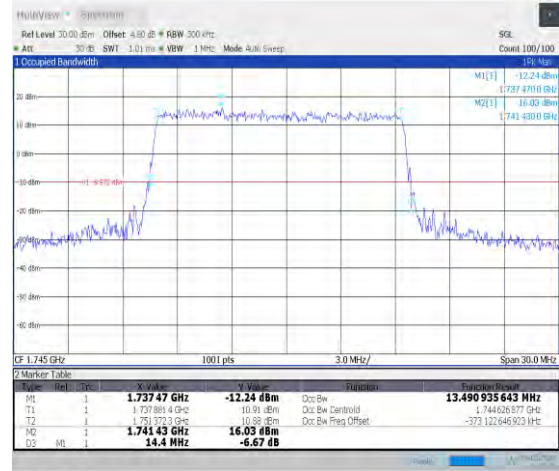
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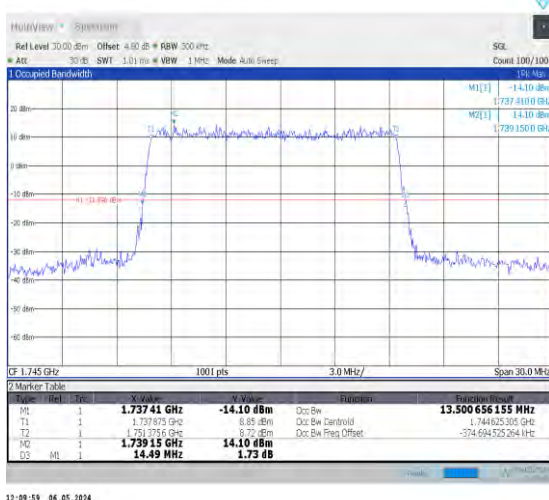
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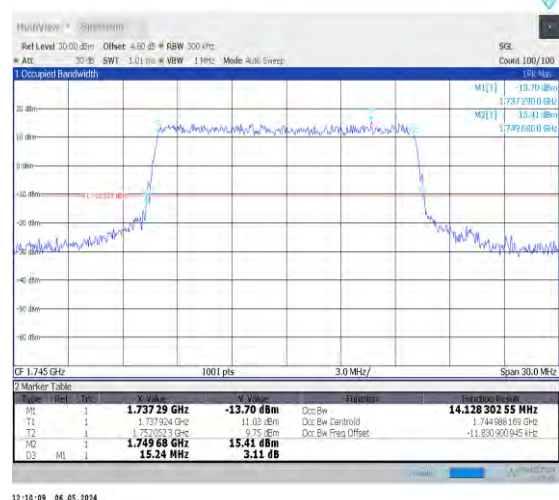
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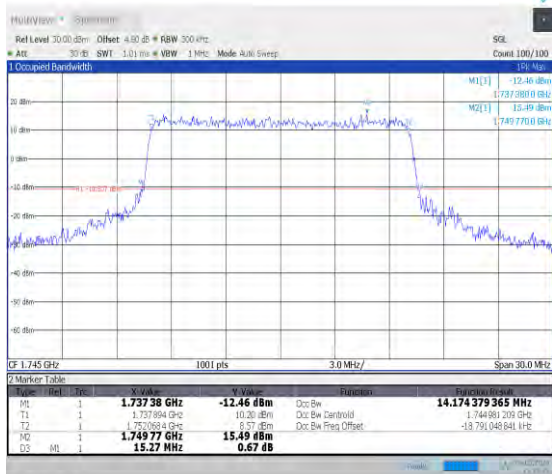
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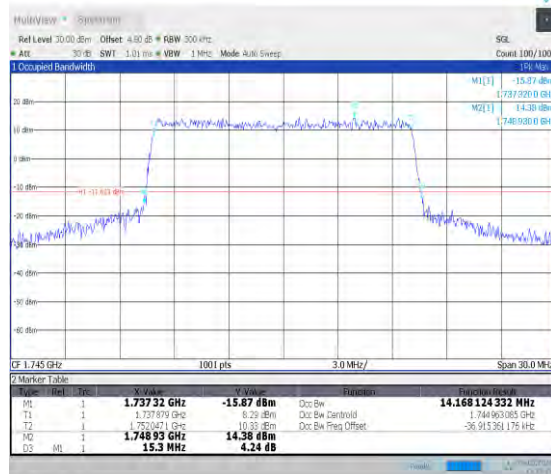
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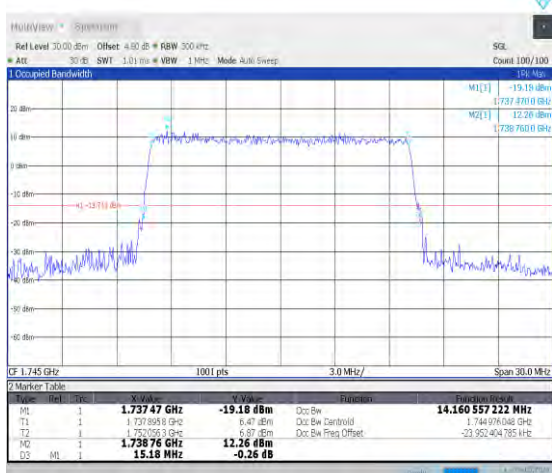
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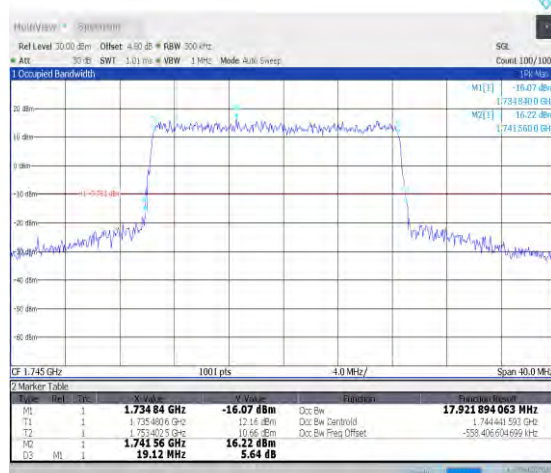
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-14.168-15.300≤15-PASS



12:10:34 06.05.2024

1-N66-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant
0-14.161-15.180≤15-PASS



12:10:58 06.05.2024

1-N66-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant
0-17.922-19.120≤20-PASS



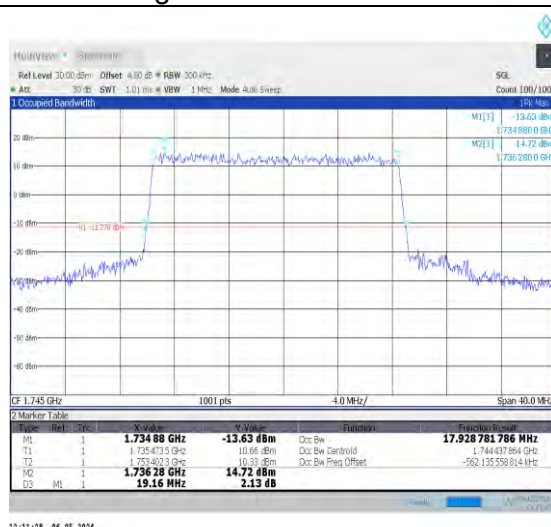
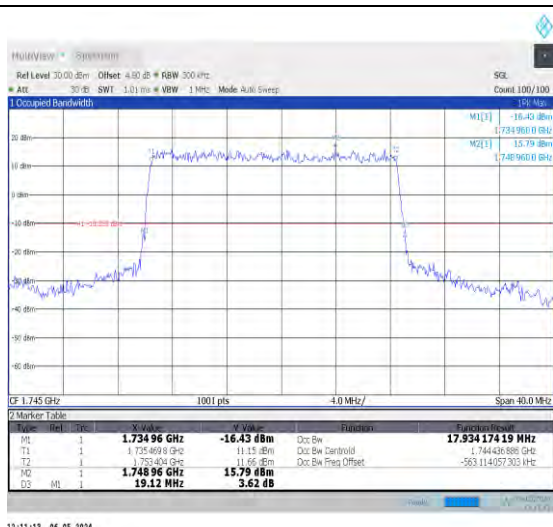
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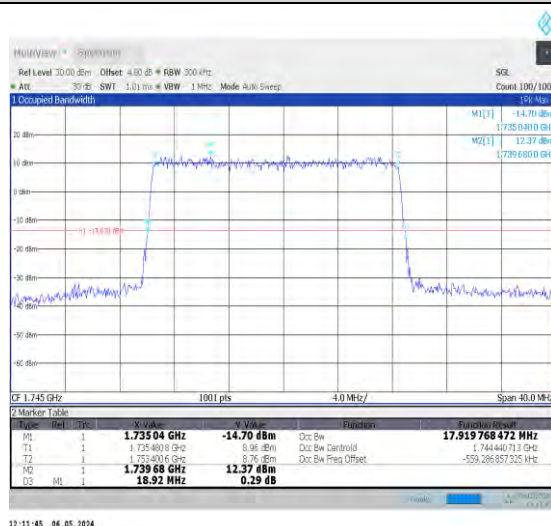
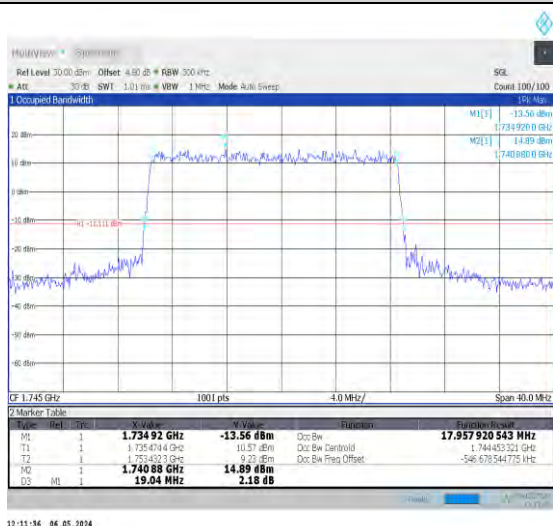
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1-N66-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant0-17.934-19.120-≤20-PASS

1-N66-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant0-17.929-19.160-≤20-PASS



1-N66-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant0-17.958-19.040-≤20-PASS

1-N66-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant0-17.92-18.920-≤20-PASS



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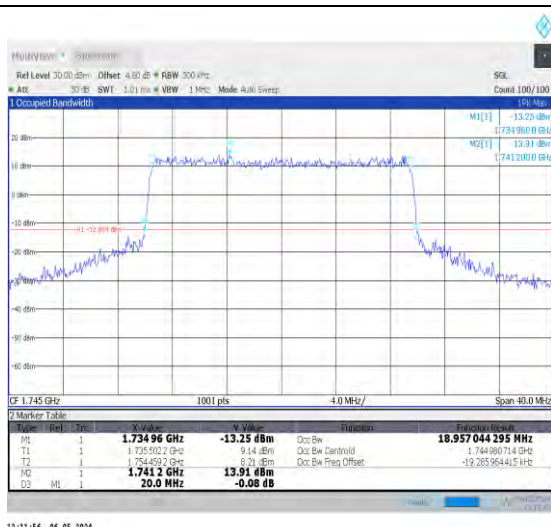
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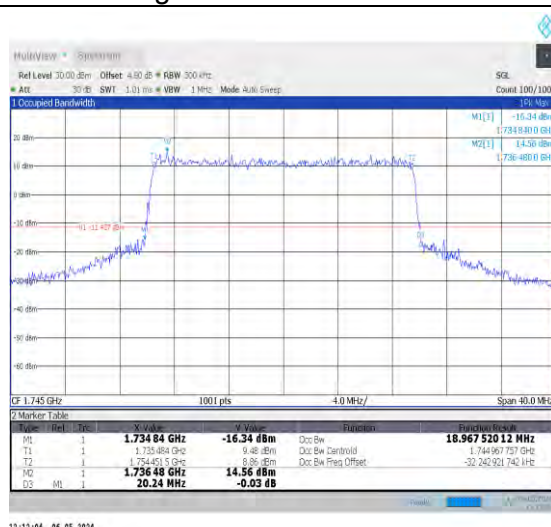
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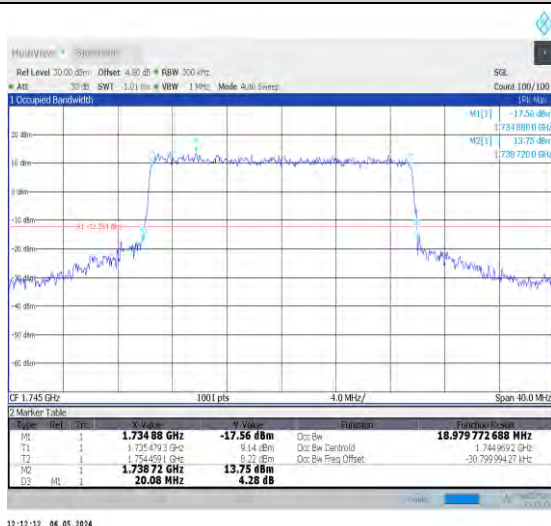
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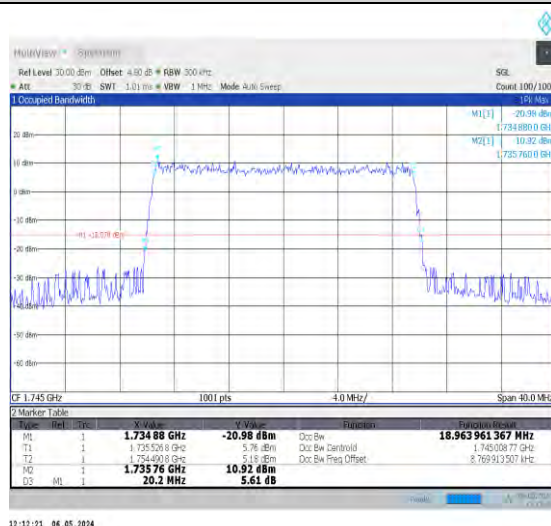
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12:12:12 06.05.2024

1-N66-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant
0-18.98-20.080-≤20-PASS



12:12:21 06.05.2024

1-N66-15-20-M-9-CP-256QAM-Outer_Full-106@0-A
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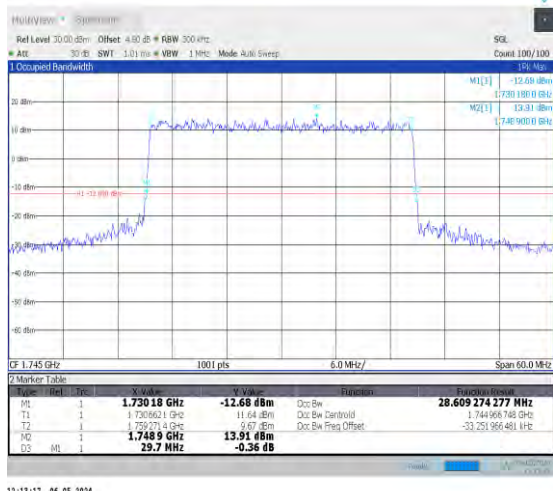
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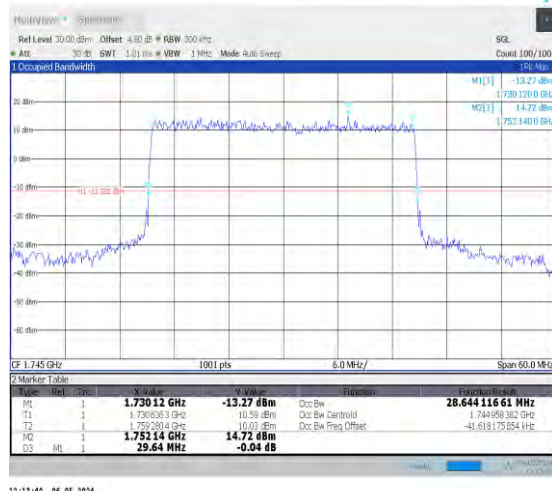
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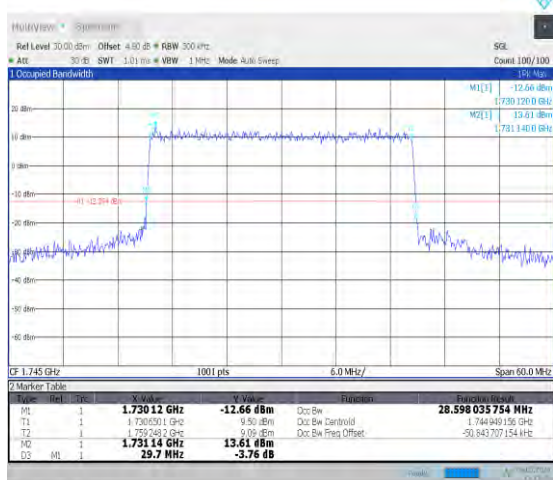
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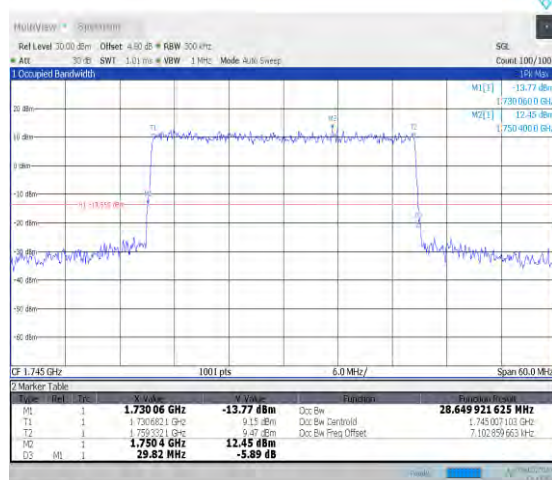
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12:13:55 06.05.2024

1-N66-15-30-M-3-DFT-16QAM-Outter_Full-160@0-Ant
0-28.6-29.700-≤30-PASS



12:14:02 06.05.2024

1-N66-15-30-M-4-DFT-64QAM-Outter_Full-160@0-Ant
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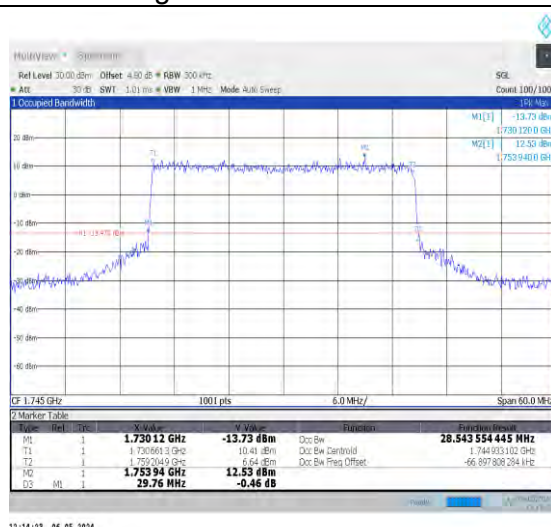
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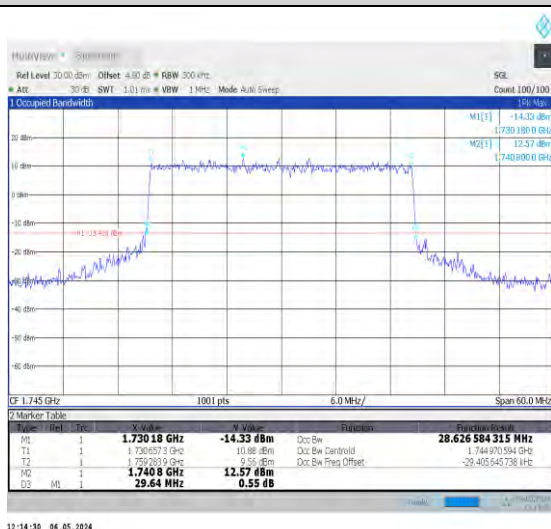
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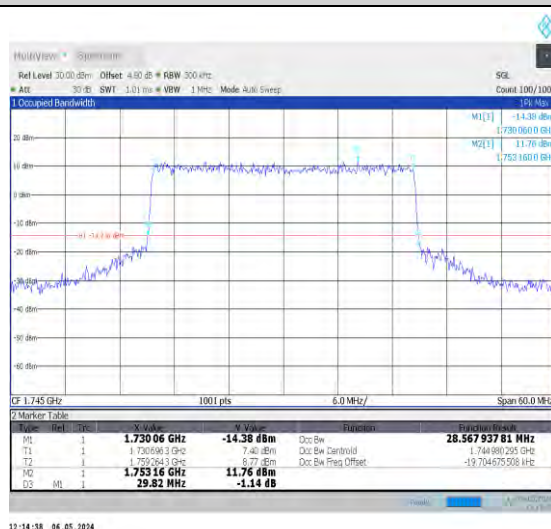
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1-N66-15-30-M-6-CP-QPSK-Outer_Full-160@0-Ant0-28.545-29.760-≤30-PASS



12:14:30 06.05.2024



12:14:38 06.05.2024

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1-N66-15-30-M-8-CP-64QAM-Outer_Full-160@0-Ant0-28.569-29.820-≤30-PASS



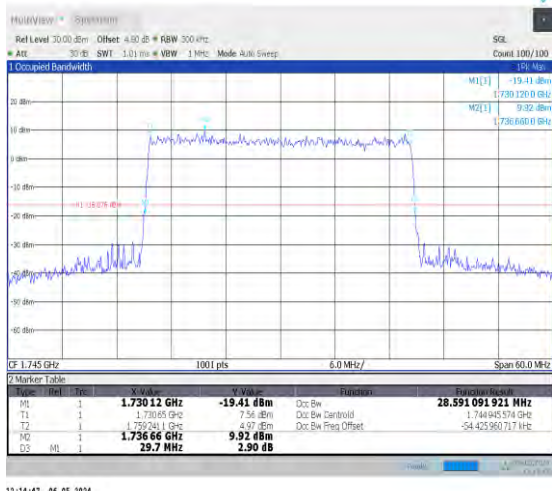
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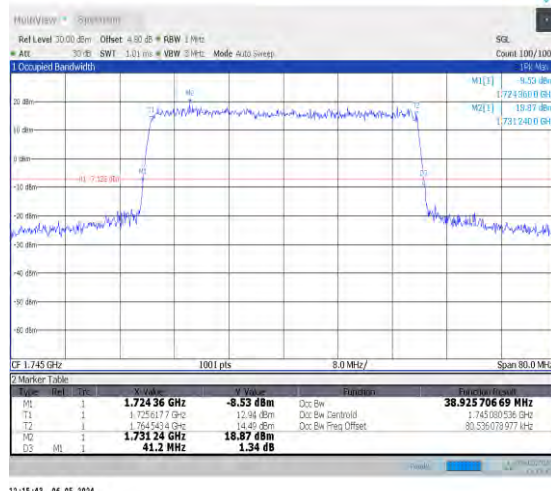
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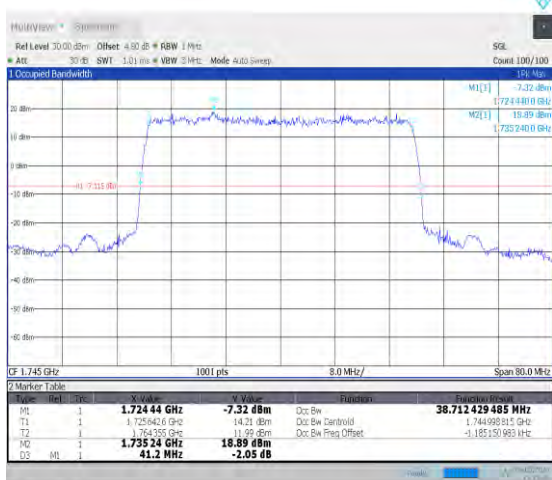
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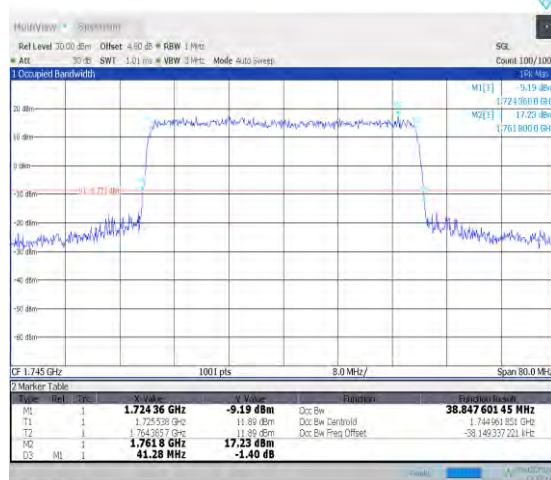
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1-N66-15-30-M-9-CP-256QAM-Outer_Full-160@0-A
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1-N66-15-40-M-1-DFT-QPSK-Outer_Full-216@0-Ant
0-38.926-41.200-≤40-PASS



12:15:59 06.05.2024



12:16:16 06.05.2024

1-N66-15-40-M-2-DFT-PI2BPSK-Outer_Full-216@0-A
Ant0-38.712-41.200-≤40-PASS

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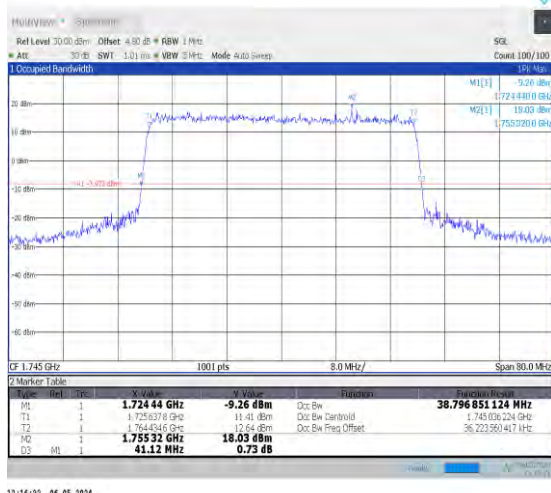
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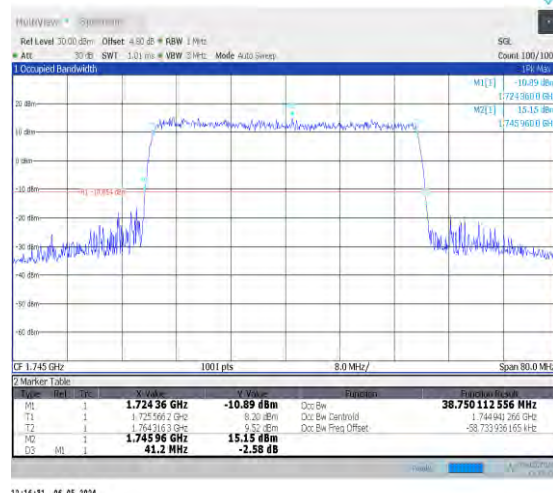
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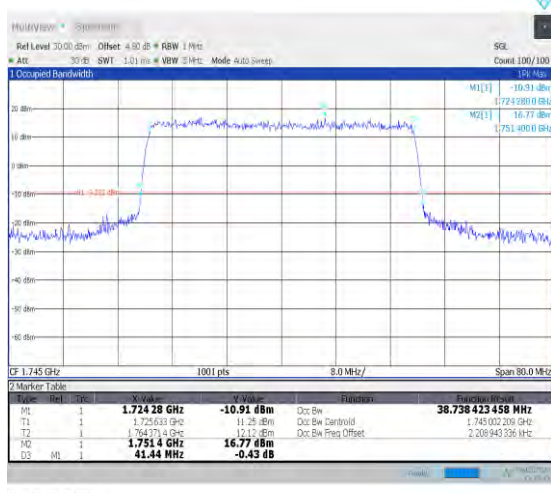
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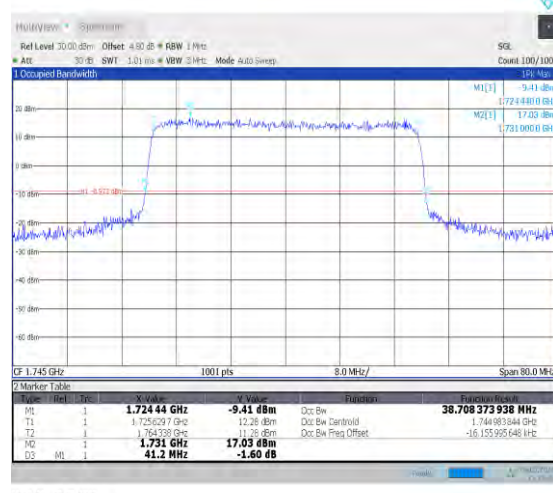
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12:14:42 06.05.2024

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12:14:49 06.05.2024

1-N66-15-40-M-7-CP-16QAM-Outer_Full-216@0-Ant
0-38.708-41.200-≤40-PASS



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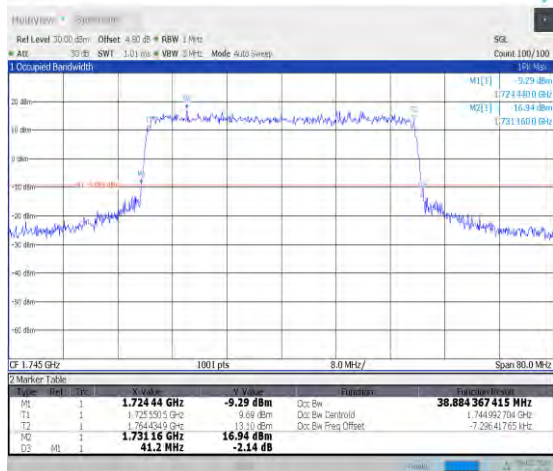
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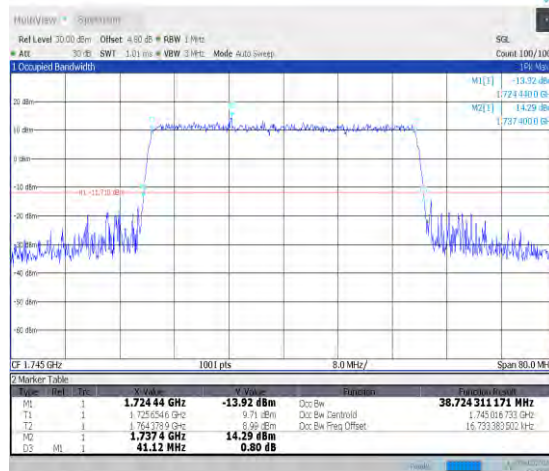
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0-38.884-41.200-≤40-PASS



12:17:06 06.05.2024

1-N66-15-40-M-9-CP-256QAM-Outer_Full-216@0-A
nt0-38.724-41.120-≤40-PASS



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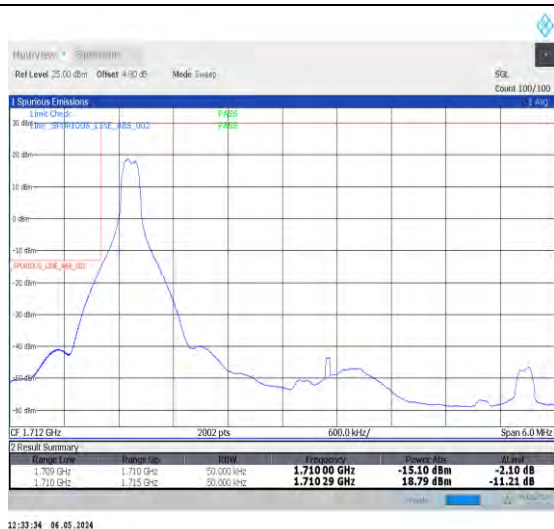
Report No.: SUCR240400009002

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Band Edge for SA

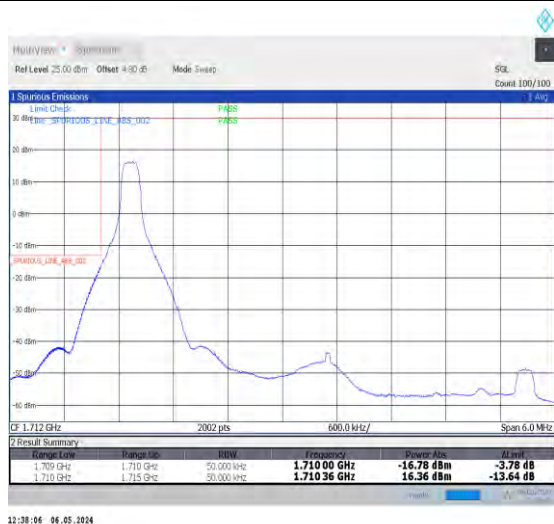
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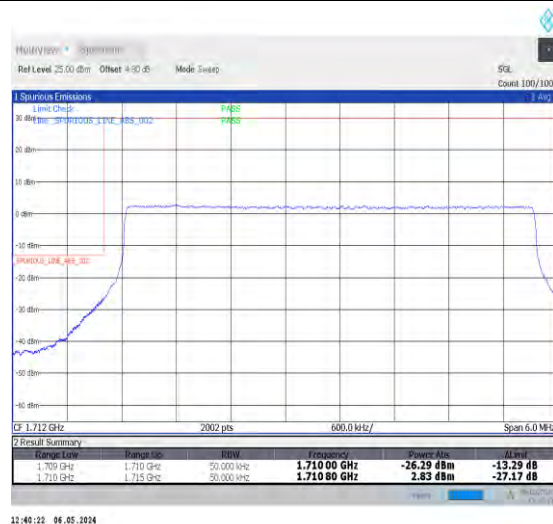
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1-N66-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1-seegraph-PASS-see graph



1-N66-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant0-1-seegraph-PASS-see graph



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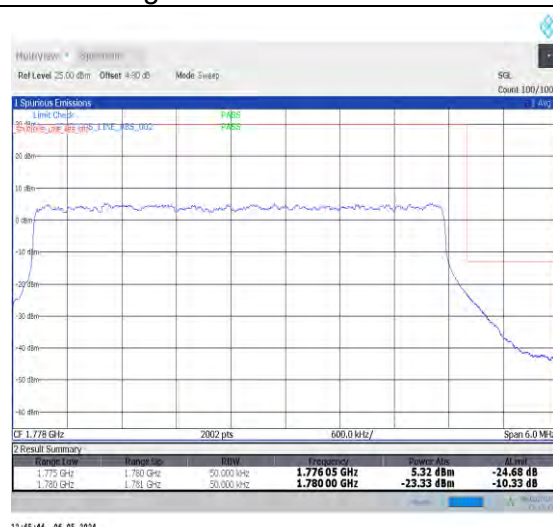
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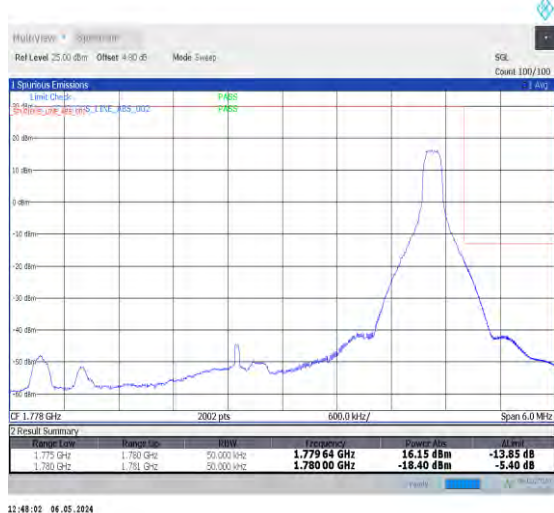
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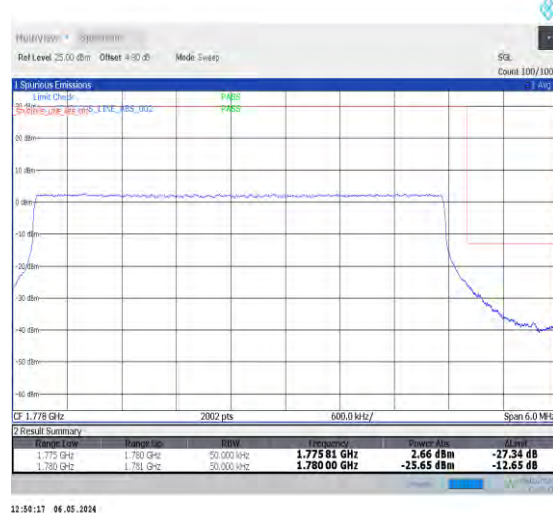
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11:50:17 06.05.2024

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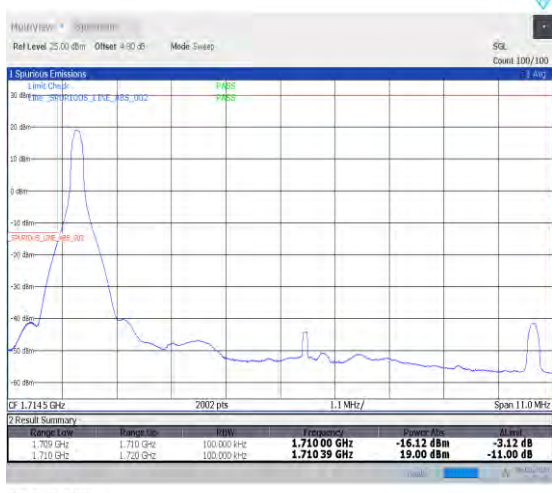
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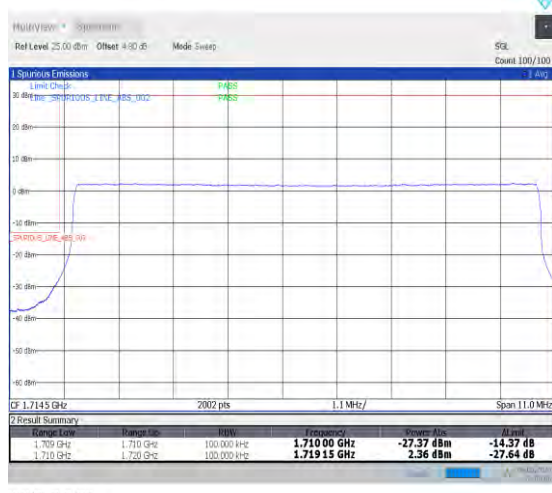
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13:00:06 06.05.2024

1-N66-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant0-1-seegraph-PASS-see graph



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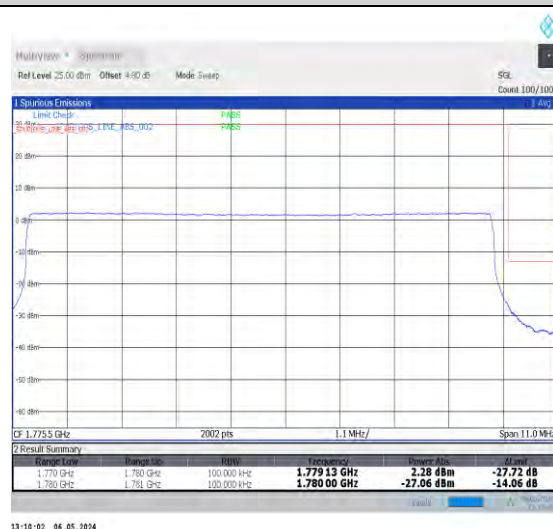
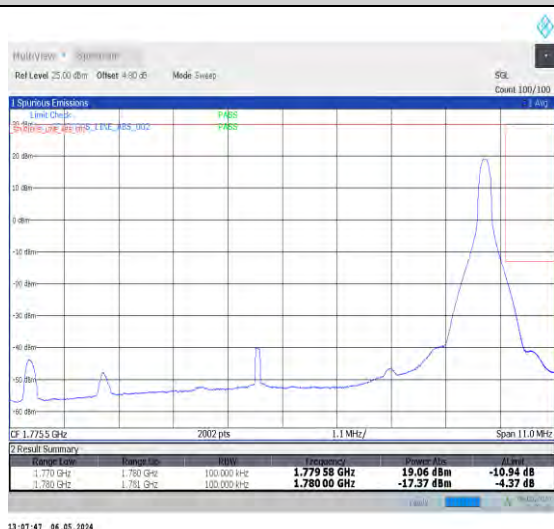
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1-N66-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant0-1-seegraph-PASS-see graph

1-N66-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant0-1-seegraph-PASS-see graph



1-N66-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant0-1-seegraph-PASS-see graph

1-N66-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant0-1-seegraph-PASS-see graph



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13:12:31 06.05.2024

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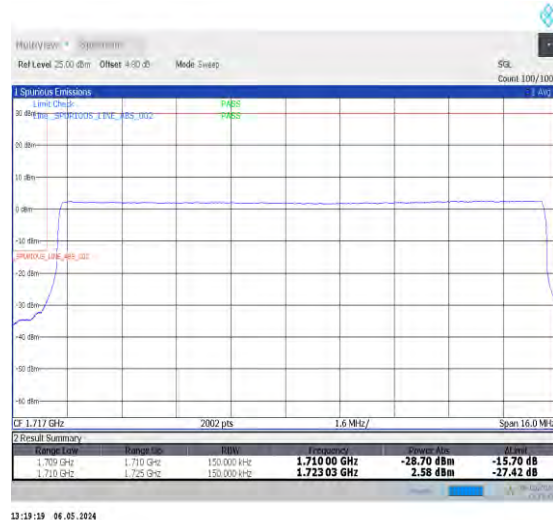
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13:13:19 06.05.2024

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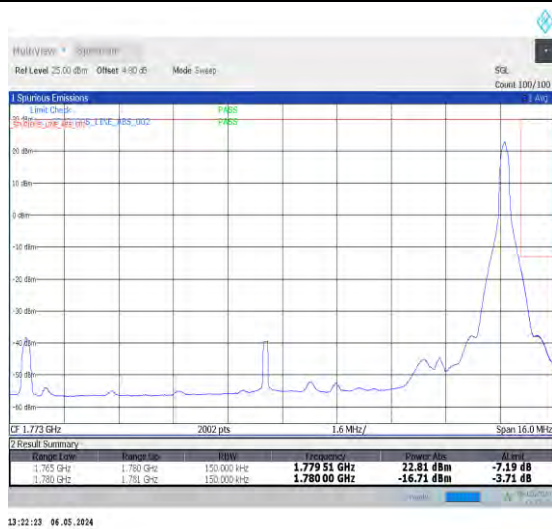
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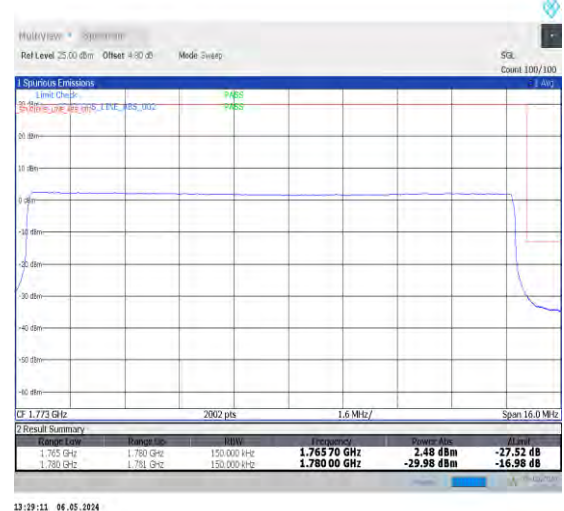
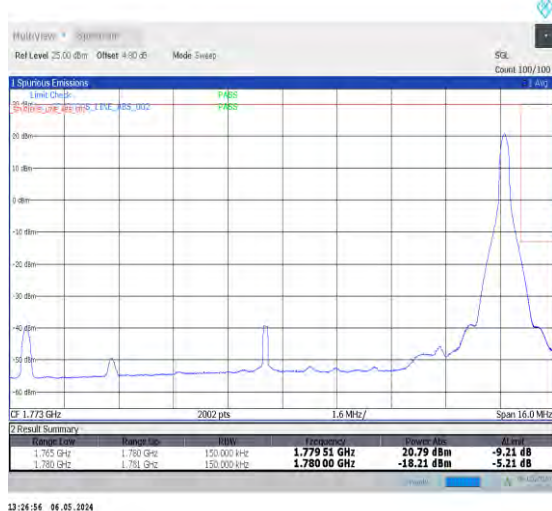
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1-N66-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant0-1-seegraph-PASS-see graph

1-N66-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant0-1-seegraph-PASS-see graph



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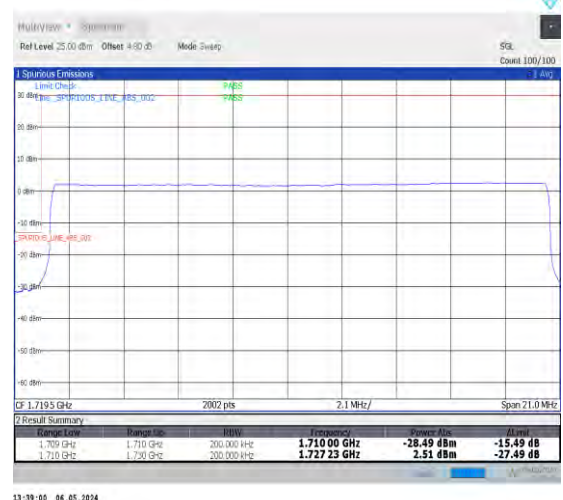
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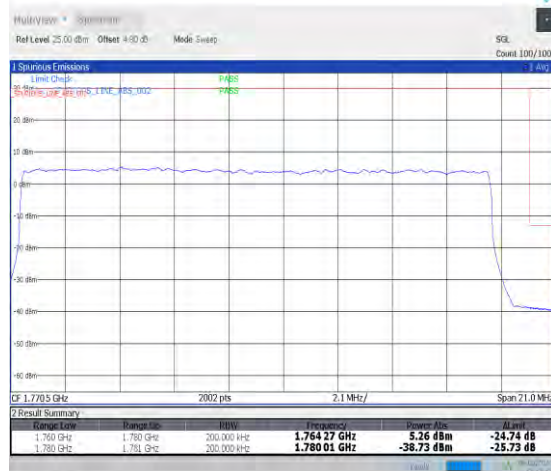
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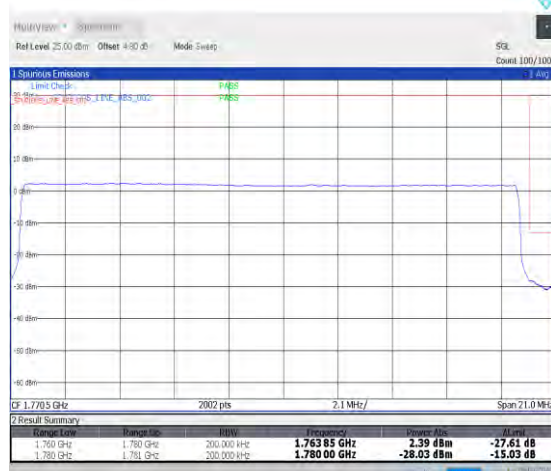
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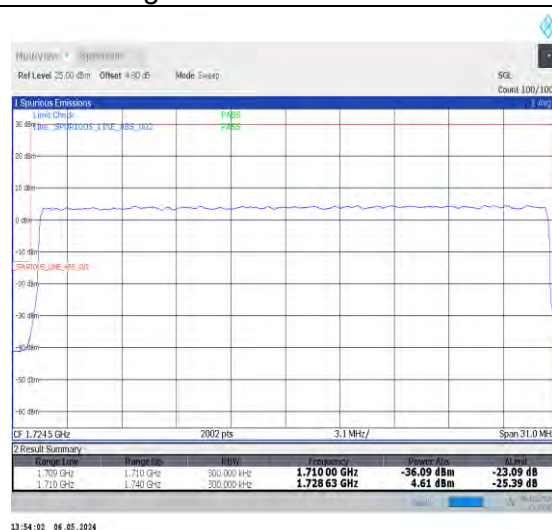
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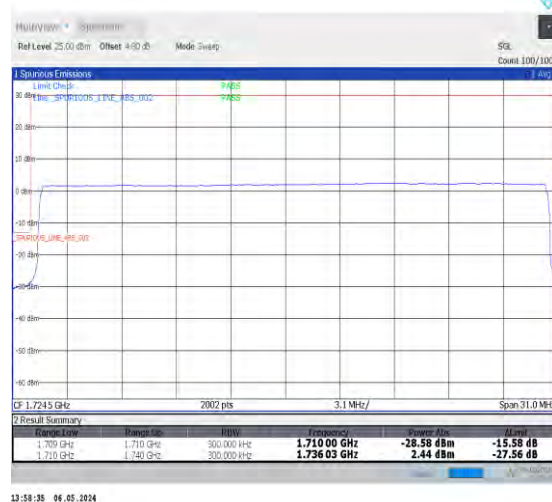
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1-N66-15-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1-seegraph-PASS-see graph

1-N66-15-30-L-6-CP-QPSK-Outer_Full-160@0-Ant0-1-seegraph-PASS-see graph



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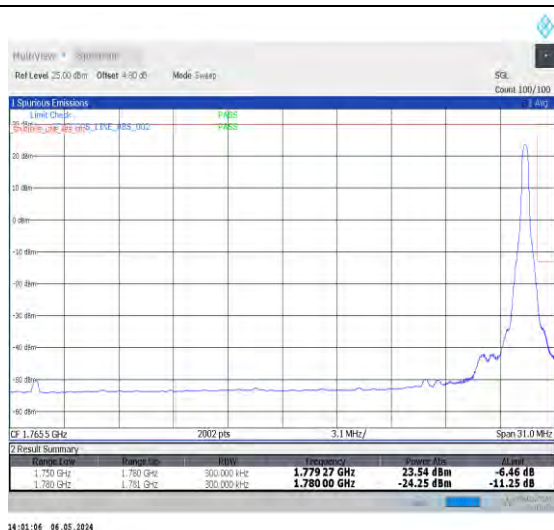
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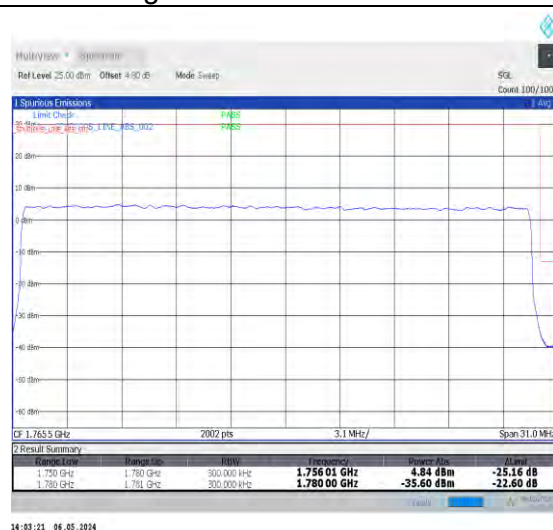
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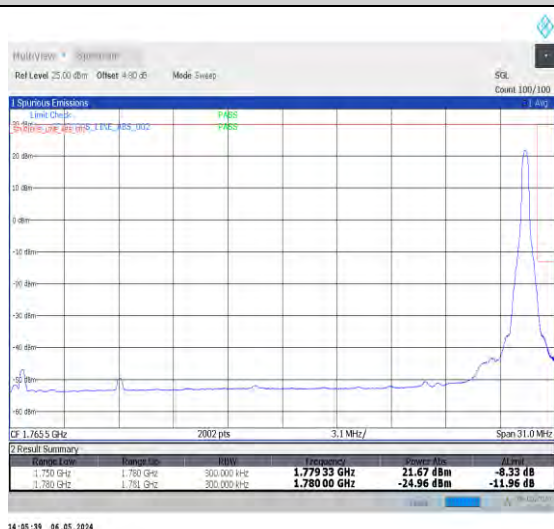
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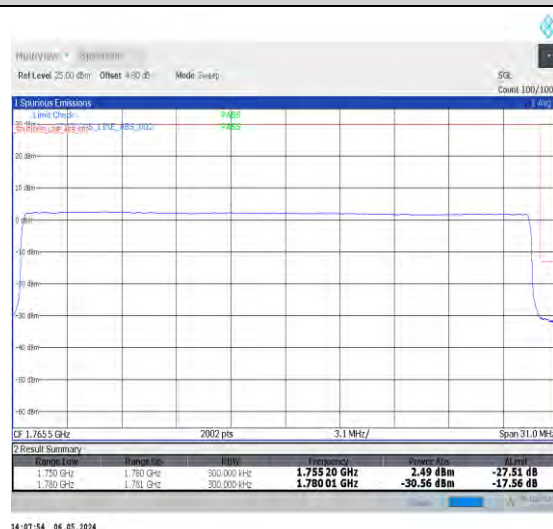
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14:05:39 06.05.2024

1-N66-15-30-H-5-CP-QPSK-Edge_1RB_Right-1@159-Ant0-1-seegraph-PASS-see graph



14:07:54 06.05.2024

1-N66-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant0-1-seegraph-PASS-see graph



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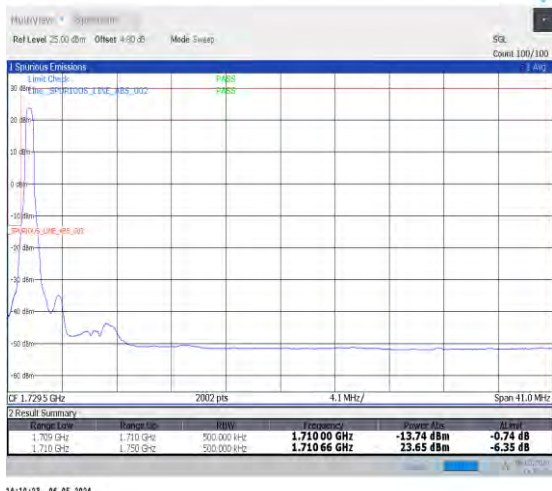
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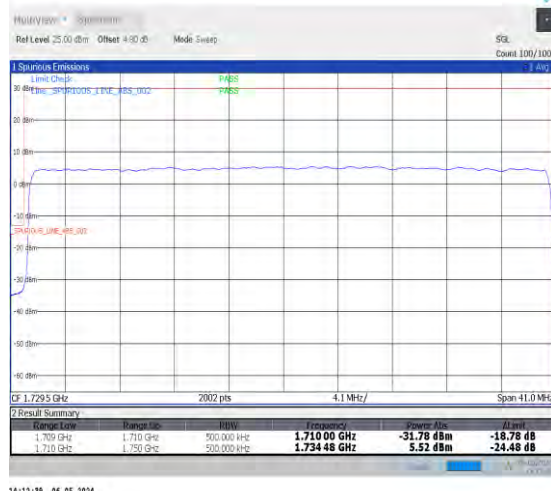
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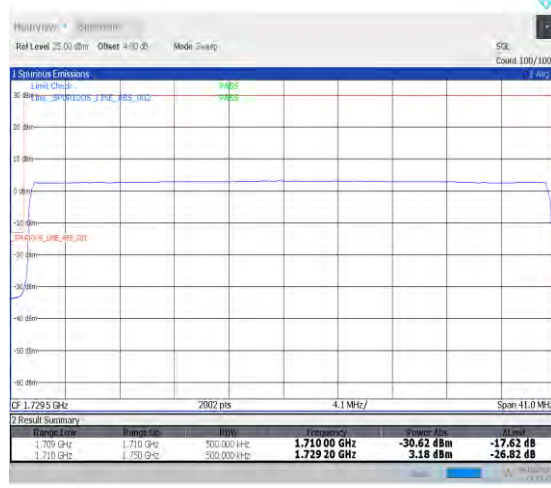
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14:14:56 06.05.2024

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14:17:12 06.05.2024

1-N66-15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant0-1-seegraph-PASS-see graph



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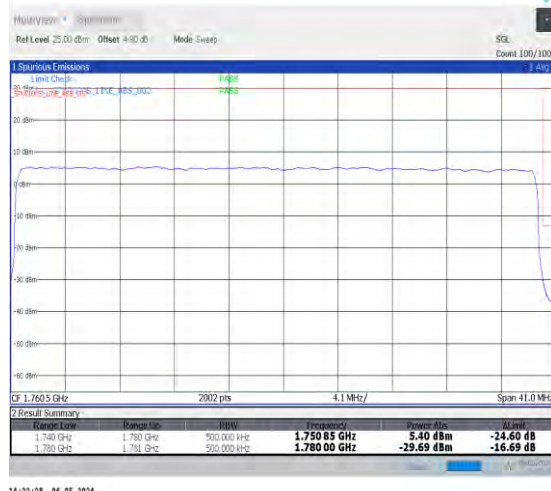
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14:20:13 06.05.2024

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215-Ant0-1-seegraph-PASS-see graph



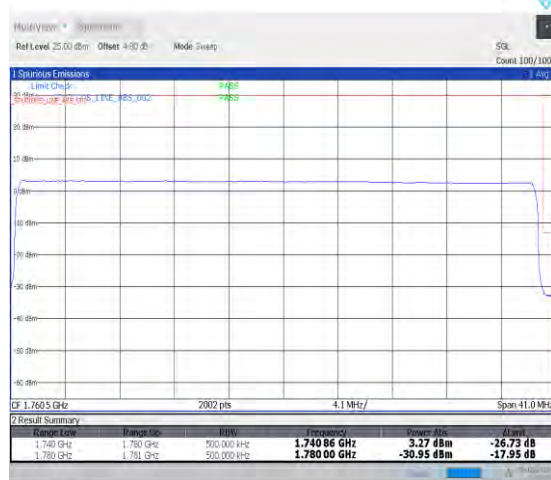
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0-Ant0-1-seegraph-PASS-see graph



14:24:46 06.05.2024

1-N66-15-40-H-5-CP-QPSK-Edge_1RB_Right-1@215-
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14:27:51 06.05.2024

1-N66-15-40-H-6-CP-QPSK-Outer_Full-216@0-An
t0-1-seegraph-PASS-see graph



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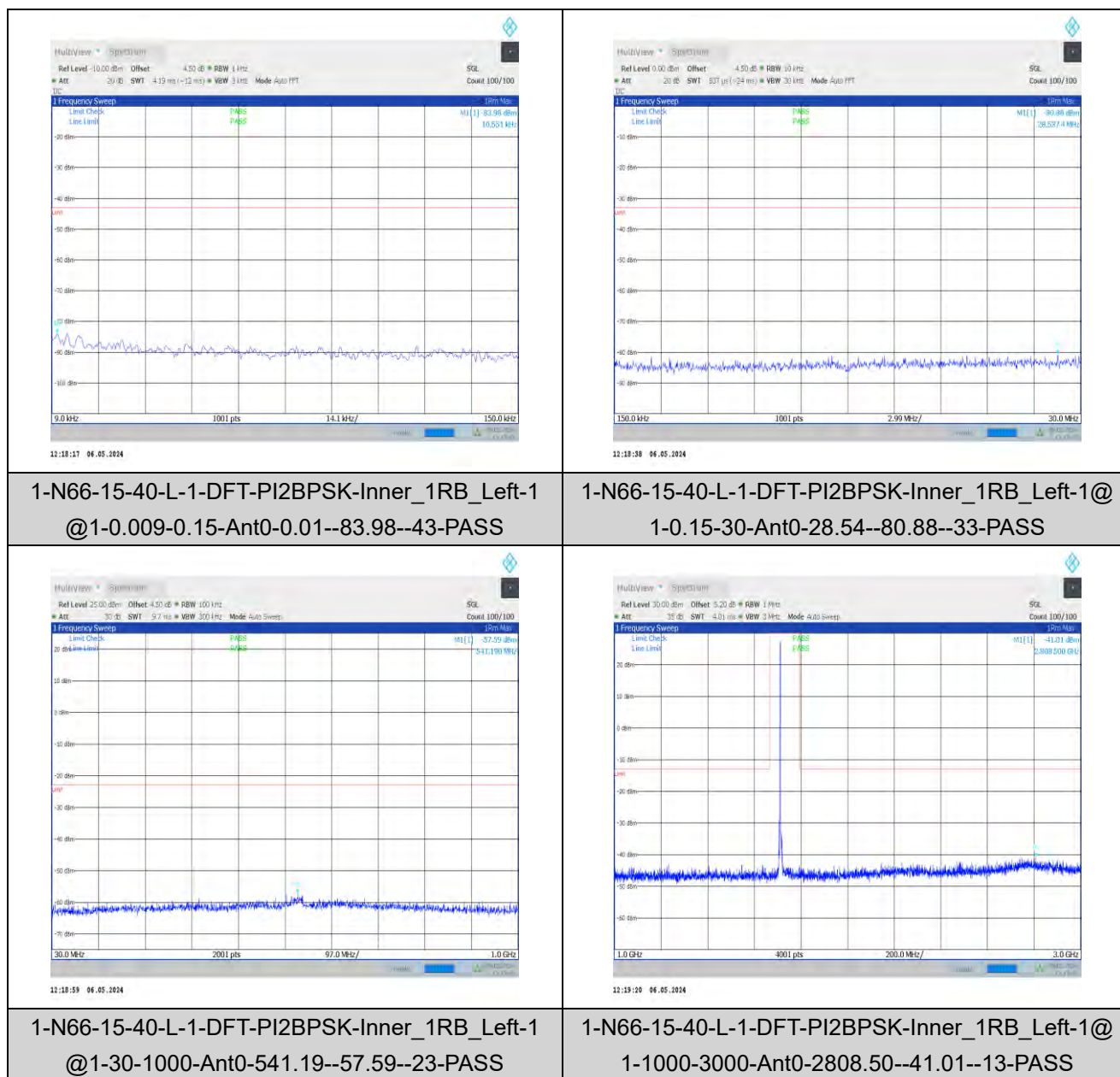
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Conducted Spurious Emission for SA

Test Graphs



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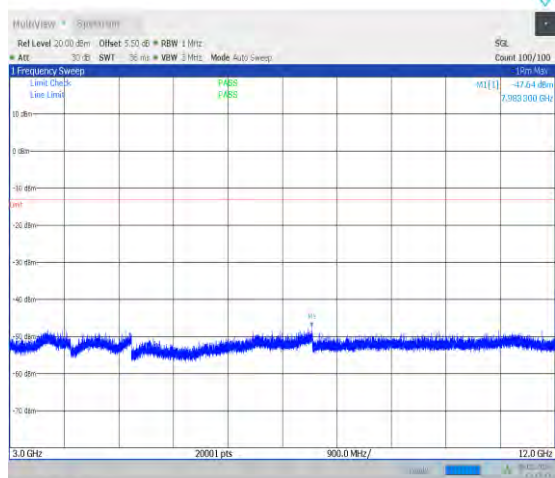
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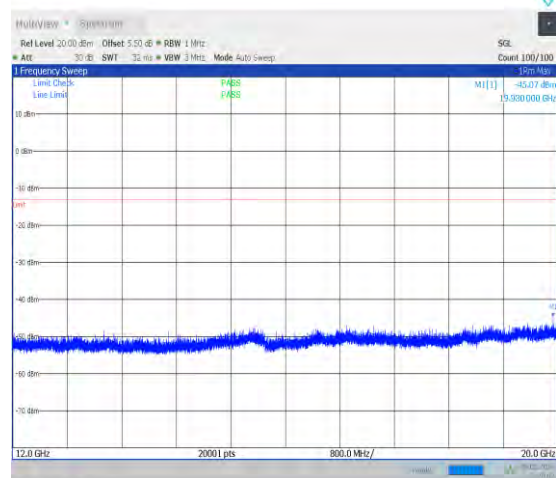
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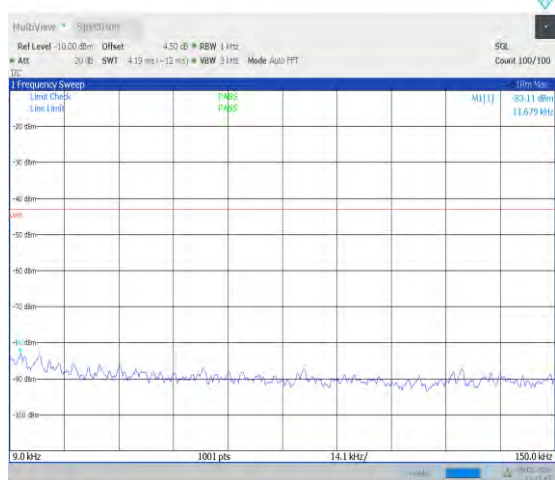
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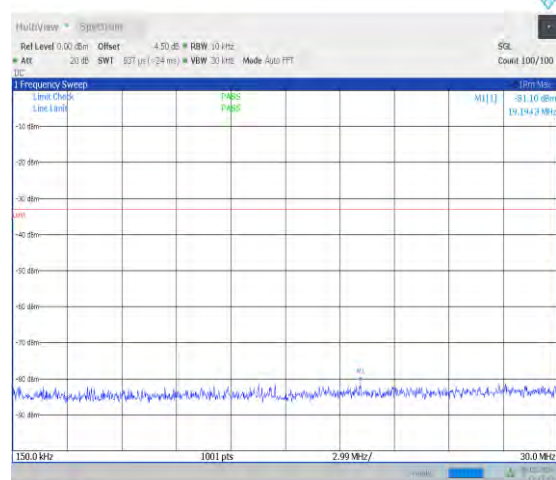
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1-12000-20000-Ant0-19930.00--45.07--13-PASS



1-N66-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@ 1-0.009-0.15-Ant0-0.01--83.11--43-PASS



1-N66-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.15-30-Ant0-19.19--81.10--33-PASS



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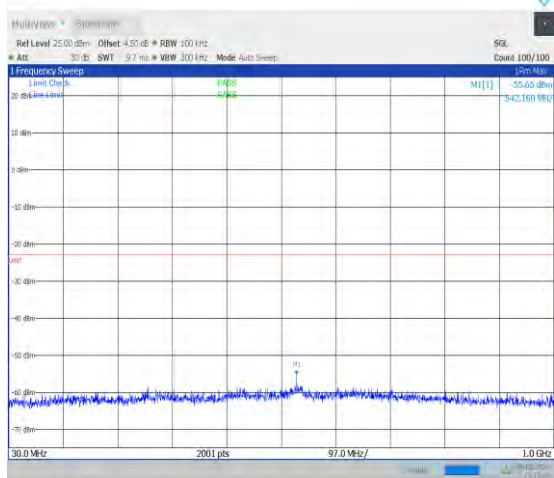
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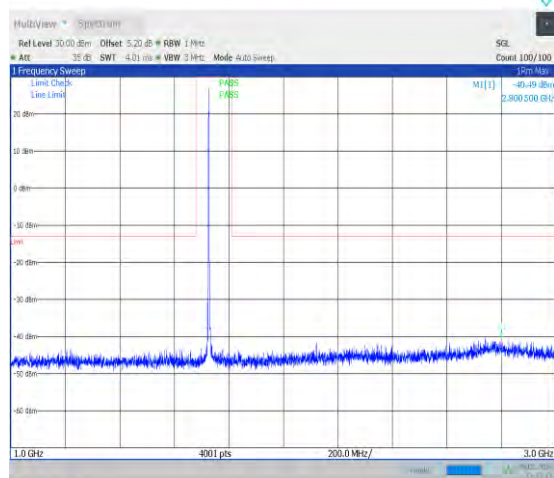
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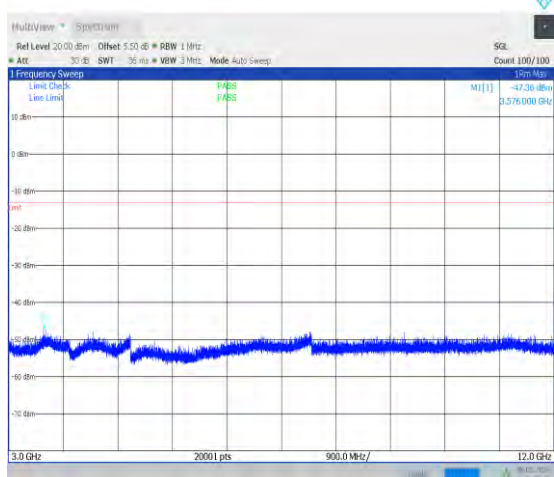
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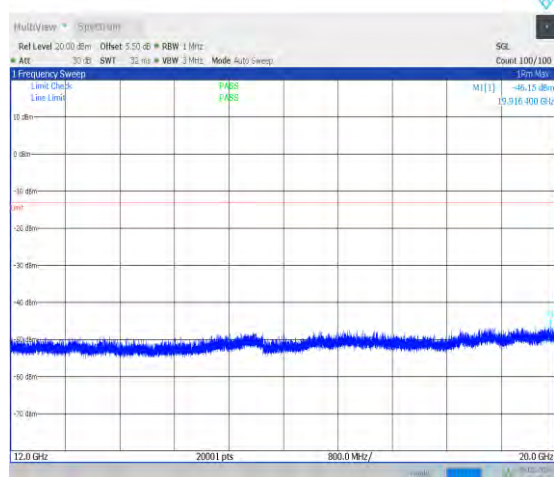
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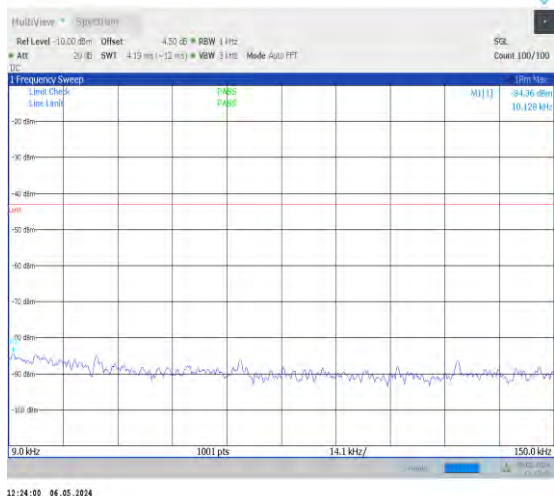
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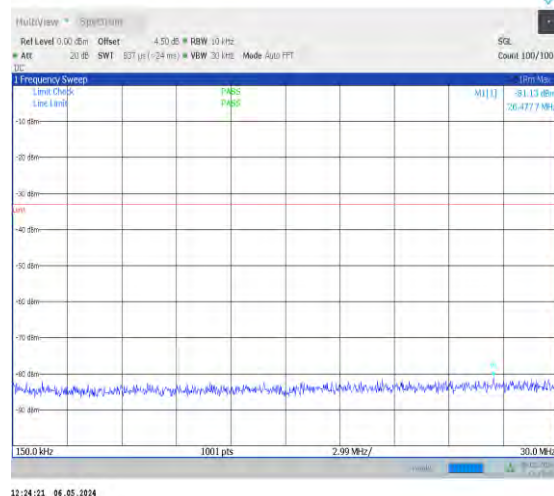
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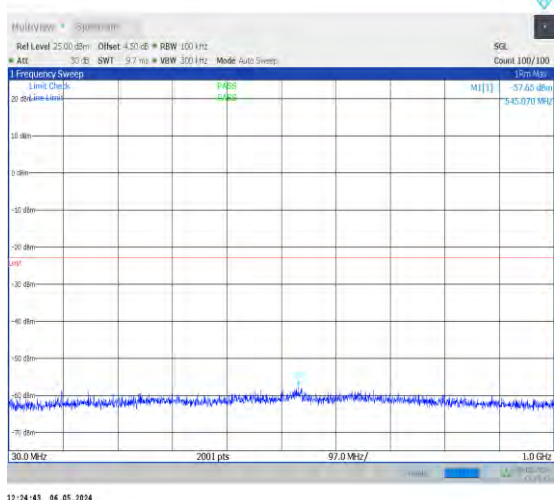
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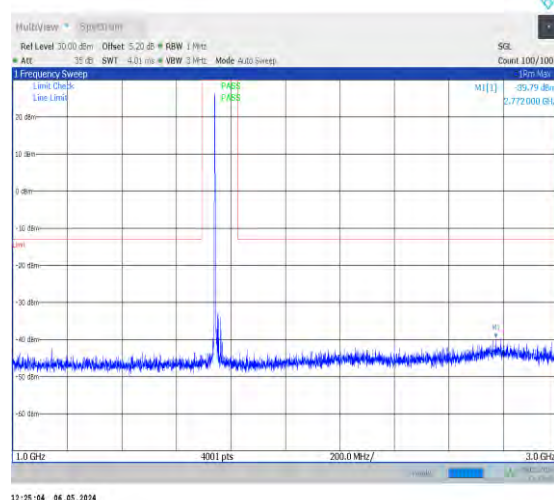
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1-N66-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.15-30-Ant0-26.48--81.13--33-PASS



1-N66-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-30-1000-Ant0-545.07--57.65--23-PASS



1-N66-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-1000-3000-Ant0-2772.00--39.79--13-PASS



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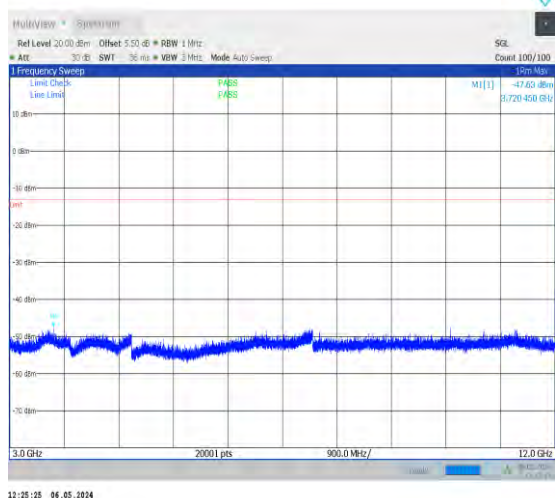
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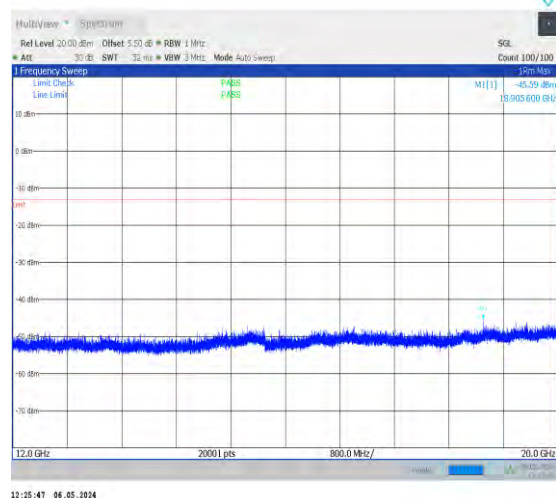
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1-N66-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant0-3720.45--47.63--13-PASS



1-N66-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-12000-20000-Ant0-18905.60--45.59--13-PASS



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Field Strength of Spurious Radiation

Test Band = SA_N66

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3770.2885	53.98	-49.54	30.50	-60.32	-13.00	47.32	Horizontal
2	5174.3587	52.59	-46.80	32.97	-56.50	-13.00	43.50	Horizontal
3	7096.7048	50.68	-44.02	36.86	-51.74	-13.00	38.74	Horizontal
4	8421.2711	50.01	-42.69	37.77	-50.17	-13.00	37.17	Horizontal
5	11844.4422	47.74	-38.13	39.72	-45.93	-13.00	32.93	Horizontal
6	17985.7493	48.83	-38.97	42.71	-42.69	-13.00	29.69	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3615.7808	54.33	-49.53	30.26	-60.20	-13.00	47.20	Vertical
2	5269.6135	52.39	-46.82	33.32	-56.37	-13.00	43.37	Vertical
3	7355.4678	50.58	-43.47	36.89	-51.26	-13.00	38.26	Vertical
4	9113.5557	49.18	-41.41	38.75	-48.74	-13.00	35.74	Vertical
5	13022.7511	46.49	-36.73	40.12	-45.38	-13.00	32.38	Vertical
6	17990.2495	48.89	-38.98	42.74	-42.61	-13.00	29.61	Vertical



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Test Band = SA_N66
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3600.03	54.13	-49.55	30.20	-60.48	-13.00	47.48	Horizontal
2	4941.0971	52.31	-47.22	33.18	-56.99	-13.00	43.99	Horizontal
3	6970.6985	51.29	-44.11	36.44	-51.64	-13.00	38.64	Horizontal
4	9242.5621	48.18	-40.45	39.06	-48.47	-13.00	35.47	Horizontal
5	13371.5186	46.88	-36.84	40.30	-44.92	-13.00	31.92	Horizontal
6	17994.7497	48.96	-38.98	42.77	-42.51	-13.00	29.51	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3166.5083	53.34	-50.07	30.33	-61.66	-13.00	48.66	Vertical
2	5070.8535	52.30	-47.46	33.44	-56.98	-13.00	43.98	Vertical
3	7434.2217	50.47	-43.39	36.73	-51.45	-13.00	38.45	Vertical
4	8538.2769	49.71	-41.59	38.82	-48.32	-13.00	35.32	Vertical
5	11867.6934	47.78	-38.07	39.63	-45.92	-13.00	32.92	Vertical
6	17893.4947	48.16	-38.08	42.15	-43.03	-13.00	30.03	Vertical



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Test Band = SA_N66

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3618.0309	54.42	-49.53	30.27	-60.10	-13.00	47.10	Horizontal
2	5614.6307	52.10	-46.33	33.37	-56.12	-13.00	43.12	Horizontal
3	8057.5029	49.74	-42.82	37.58	-50.76	-13.00	37.76	Horizontal
4	10769.6385	48.07	-39.39	39.64	-46.94	-13.00	33.94	Horizontal
5	14519.076	47.00	-35.98	40.58	-43.66	-13.00	30.66	Horizontal
6	17986.4993	48.91	-38.97	42.72	-42.60	-13.00	29.60	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3762.7881	54.04	-49.50	30.50	-60.22	-13.00	47.22	Vertical
2	5593.6297	52.46	-46.39	33.37	-55.82	-13.00	42.82	Vertical
3	7105.7053	50.78	-43.99	36.92	-51.55	-13.00	38.55	Vertical
4	8548.7774	48.87	-41.38	39.07	-48.70	-13.00	35.70	Vertical
5	13031.0016	46.50	-36.82	40.13	-45.45	-13.00	32.45	Vertical
6	17997.7499	49.01	-38.99	42.79	-42.45	-13.00	29.45	Vertical



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Test Band = NSA_B12+N66

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3610.5	54.08	-49.54	30.24	-60.48	-13.00	47.48	Horizontal
2	5156.5	52.13	-47.08	33.43	-56.78	-13.00	43.78	Horizontal
3	6992.5	50.68	-43.64	36.49	-51.73	-13.00	38.73	Horizontal
4	9485	49.29	-40.73	39.14	-47.56	-13.00	34.56	Horizontal
5	14161.5	46.75	-35.61	40.76	-43.36	-13.00	30.36	Horizontal
6	17910	48.71	-38.19	42.26	-42.48	-13.00	29.48	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3640	54.03	-49.51	30.36	-60.38	-13.00	47.38	Vertical
2	5245.5	52.23	-46.85	33.30	-56.58	-13.00	43.58	Vertical
3	6615	50.60	-44.81	35.61	-53.86	-13.00	40.86	Vertical
4	7884.5	50.37	-43.07	37.31	-50.65	-13.00	37.65	Vertical
5	12546.5	47.11	-37.12	39.45	-45.82	-13.00	32.82	Vertical
6	17995	48.71	-38.98	42.77	-42.76	-13.00	29.76	Vertical



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Test Band = NSA_B12+N66
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3621	54.12	-49.53	30.28	-60.39	-13.00	47.39	Horizontal
2	5577.5	52.15	-46.38	33.31	-56.18	-13.00	43.18	Horizontal
3	7985.5	50.42	-43.02	37.43	-50.43	-13.00	37.43	Horizontal
4	9489.5	49.08	-40.69	39.16	-47.71	-13.00	34.71	Horizontal
5	14027	47.24	-36.39	40.55	-43.86	-13.00	30.86	Horizontal
6	17624.5	49.32	-38.30	41.20	-43.04	-13.00	30.04	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3627.5	54.12	-49.52	30.31	-60.35	-13.00	47.35	Vertical
2	5157.5	52.20	-47.06	33.41	-56.71	-13.00	43.71	Vertical
3	6968.5	51.41	-44.16	36.44	-51.57	-13.00	38.57	Vertical
4	8545.5	49.32	-41.45	38.99	-48.40	-13.00	35.40	Vertical
5	11319.5	48.69	-38.66	39.62	-45.61	-13.00	32.61	Vertical
6	14990.5	47.13	-34.94	39.94	-43.13	-13.00	30.13	Vertical



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Test Band = NSA_B12+N66
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3651.5	54.02	-49.52	30.40	-60.36	-13.00	47.36	Horizontal
2	5163	52.96	-46.98	33.26	-56.02	-13.00	43.02	Horizontal
3	7364	50.26	-43.53	36.87	-51.66	-13.00	38.66	Horizontal
4	8544.5	49.38	-41.47	38.97	-48.38	-13.00	35.38	Horizontal
5	11387	47.88	-38.58	39.69	-46.27	-13.00	33.27	Horizontal
6	15032	47.56	-35.19	39.87	-43.02	-13.00	30.02	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3633	53.60	-49.52	30.33	-60.85	-13.00	47.85	Vertical
2	5135	52.47	-47.27	33.57	-56.49	-13.00	43.49	Vertical
3	6983	50.72	-43.85	36.47	-51.92	-13.00	38.92	Vertical
4	9517.5	49.17	-40.80	39.17	-47.72	-13.00	34.72	Vertical
5	13412	47.51	-36.58	40.28	-44.05	-13.00	31.05	Vertical
6	17995.5	48.95	-38.98	42.77	-42.52	-13.00	29.52	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:

 $AF = \text{Antenna Factor(dB/m)}$
 $\text{Factor} = \text{Cable Factor(dB)} - \text{Preamplifier (dB)}$
 $\text{Level} = \text{Reading Level} + AF + \text{Factor} - 95.26$
 $\text{Margin} = \text{Limit} - \text{Level}$


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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
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-4.000000	-0.002292	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-2.600000	-0.001490	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-0.600000	-0.000344	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VH	NT	-1.400000	-0.000802	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VN	NT	-2.000000	-0.001146	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VL	NT	-3.100000	-0.001777	PASS



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Frequency Error VS. Temperature

Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-0.900000	-0.000516	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-1.900000	-0.001089	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	0.500000	0.000287	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-1.100000	-0.000630	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-0.200000	-0.000115	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.900000	-0.003381	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-4.600000	-0.002636	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-1.800000	-0.001032	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-4.800000	-0.002751	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	50	2.000000	0.001146	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-20	-4.700000	-0.002693	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-10	-2.000000	-0.001146	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	0	-2.300000	-0.001318	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	10	-5.000000	-0.002865	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	20	-3.000000	-0.001719	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	30	-5.400000	-0.003095	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	40	-3.100000	-0.001777	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-30	-1.700000	-0.000974	PASS

---End of Attachment---



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