

Appendix for 5G NR n66

Model: LGE-NX9

BTL-FCCP-7-2203G019

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1. APPENDIX A - EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA FOR SA

1.1 TEST RESULTS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB Config	Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
N66	15	5	L	1712.5	DFT-PI/2BPSK	Inner_Full	23.28	20.08	30.00	PASS
N66	15	5	L	1712.5	DFT-PI/2BPSK	Inner_1RB_Left	23.25	20.05	30.00	PASS
N66	15	5	L	1712.5	DFT-PI/2BPSK	Inner_1RB_Right	23.32	20.12	30.00	PASS
N66	15	5	L	1712.5	DFT-PI/2BPSK	Outer_Full	23.37	20.17	30.00	PASS
N66	15	5	L	1712.5	DFT-QPSK	Inner_Full	23.32	20.12	30.00	PASS
N66	15	5	L	1712.5	DFT-QPSK	Inner_1RB_Left	23.15	19.95	30.00	PASS
N66	15	5	L	1712.5	DFT-QPSK	Inner_1RB_Right	23.06	19.86	30.00	PASS
N66	15	5	L	1712.5	DFT-QPSK	Outer_Full	23.18	19.98	30.00	PASS
N66	15	5	L	1712.5	DFT-16QAM	Inner_Full	23.39	20.19	30.00	PASS
N66	15	5	L	1712.5	DFT-16QAM	Inner_1RB_Left	23.66	20.46	30.00	PASS
N66	15	5	L	1712.5	DFT-16QAM	Inner_1RB_Right	23.68	20.48	30.00	PASS
N66	15	5	L	1712.5	DFT-16QAM	Outer_Full	22.95	19.75	30.00	PASS
N66	15	5	M	1745	DFT-PI/2BPSK	Inner_Full	23.22	20.02	30.00	PASS
N66	15	5	M	1745	DFT-PI/2BPSK	Inner_1RB_Left	23.12	19.92	30.00	PASS
N66	15	5	M	1745	DFT-PI/2BPSK	Inner_1RB_Right	23.12	19.92	30.00	PASS
N66	15	5	M	1745	DFT-PI/2BPSK	Outer_Full	23.23	20.03	30.00	PASS
N66	15	5	M	1745	DFT-QPSK	Inner_Full	23.10	19.9	30.00	PASS
N66	15	5	M	1745	DFT-QPSK	Inner_1RB_Left	23.05	19.85	30.00	PASS
N66	15	5	M	1745	DFT-QPSK	Inner_1RB_Right	23.00	19.8	30.00	PASS
N66	15	5	M	1745	DFT-QPSK	Outer_Full	23.08	19.88	30.00	PASS
N66	15	5	M	1745	DFT-16QAM	Inner_Full	23.25	20.05	30.00	PASS
N66	15	5	M	1745	DFT-16QAM	Inner_1RB_Left	23.55	20.35	30.00	PASS
N66	15	5	M	1745	DFT-16QAM	Inner_1RB_Right	23.60	20.4	30.00	PASS
N66	15	5	M	1745	DFT-16QAM	Outer_Full	22.85	19.65	30.00	PASS
N66	15	5	H	1777.5	DFT-PI/2BPSK	Inner_Full	22.85	19.65	30.00	PASS
N66	15	5	H	1777.5	DFT-PI/2BPSK	Inner_1RB_Left	22.81	19.61	30.00	PASS
N66	15	5	H	1777.5	DFT-PI/2BPSK	Inner_1RB_Right	22.76	19.56	30.00	PASS
N66	15	5	H	1777.5	DFT-PI/2BPSK	Outer_Full	22.95	19.75	30.00	PASS
N66	15	5	H	1777.5	DFT-QPSK	Inner_Full	22.77	19.57	30.00	PASS
N66	15	5	H	1777.5	DFT-QPSK	Inner_1RB_Left	22.70	19.5	30.00	PASS
N66	15	5	H	1777.5	DFT-QPSK	Inner_1RB_Right	22.73	19.53	30.00	PASS
N66	15	5	H	1777.5	DFT-QPSK	Outer_Full	22.81	19.61	30.00	PASS
N66	15	5	H	1777.5	DFT-16QAM	Inner_Full	22.91	19.71	30.00	PASS
N66	15	5	H	1777.5	DFT-16QAM	Inner_1RB_Left	23.21	20.01	30.00	PASS
N66	15	5	H	1777.5	DFT-16QAM	Inner_1RB_Right	23.13	19.93	30.00	PASS
N66	15	5	H	1777.5	DFT-16QAM	Outer_Full	22.45	19.25	30.00	PASS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB Config	Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
N66	15	15	L	1717.5	DFT-PI/2BPSK	Inner_Full	23.26	20.06	30.00	PASS
N66	15	15	L	1777.5	DFT-PI/2BPSK	Inner_1RB_Left	23.12	19.92	30.00	PASS
N66	15	15	L	1777.5	DFT-PI/2BPSK	Inner_1RB_Right	23.13	19.93	30.00	PASS
N66	15	15	L	1777.5	DFT-PI/2BPSK	Outer_Full	23.20	20.00	30.00	PASS
N66	15	15	L	1777.5	DFT-QPSK	Inner_Full	23.29	20.09	30.00	PASS
N66	15	15	L	1777.5	DFT-QPSK	Inner_1RB_Left	23.05	19.85	30.00	PASS
N66	15	15	L	1777.5	DFT-QPSK	Inner_1RB_Right	23.05	19.85	30.00	PASS
N66	15	15	L	1777.5	DFT-QPSK	Outer_Full	23.30	20.10	30.00	PASS
N66	15	15	L	1777.5	DFT-16QAM	Inner_Full	23.55	20.35	30.00	PASS
N66	15	15	L	1777.5	DFT-16QAM	Inner_1RB_Left	23.76	20.56	30.00	PASS
N66	15	15	L	1777.5	DFT-16QAM	Inner_1RB_Right	23.74	20.54	30.00	PASS
N66	15	15	L	1777.5	DFT-16QAM	Outer_Full	23.08	19.88	30.00	PASS
N66	15	15	M	1745	DFT-PI/2BPSK	Inner_Full	23.12	19.92	30.00	PASS
N66	15	15	M	1745	DFT-PI/2BPSK	Inner_1RB_Left	23.10	19.90	30.00	PASS
N66	15	15	M	1745	DFT-PI/2BPSK	Inner_1RB_Right	23.15	19.95	30.00	PASS
N66	15	15	M	1745	DFT-PI/2BPSK	Outer_Full	23.19	19.99	30.00	PASS
N66	15	15	M	1745	DFT-QPSK	Inner_Full	23.17	19.97	30.00	PASS
N66	15	15	M	1745	DFT-QPSK	Inner_1RB_Left	23.23	20.03	30.00	PASS
N66	15	15	M	1745	DFT-QPSK	Inner_1RB_Right	22.97	19.77	30.00	PASS
N66	15	15	M	1745	DFT-QPSK	Outer_Full	23.27	20.07	30.00	PASS
N66	15	15	M	1745	DFT-16QAM	Inner_Full	23.41	20.21	30.00	PASS
N66	15	15	M	1745	DFT-16QAM	Inner_1RB_Left	23.66	20.46	30.00	PASS
N66	15	15	M	1745	DFT-16QAM	Inner_1RB_Right	23.59	20.39	30.00	PASS
N66	15	15	M	1745	DFT-16QAM	Outer_Full	22.89	19.69	30.00	PASS
N66	15	15	H	1772.5	DFT-PI/2BPSK	Inner_Full	23.06	19.86	30.00	PASS
N66	15	15	H	1772.5	DFT-PI/2BPSK	Inner_1RB_Left	22.84	19.64	30.00	PASS
N66	15	15	H	1772.5	DFT-PI/2BPSK	Inner_1RB_Right	22.88	19.68	30.00	PASS
N66	15	15	H	1772.5	DFT-PI/2BPSK	Outer_Full	22.85	19.65	30.00	PASS
N66	15	15	H	1772.5	DFT-QPSK	Inner_Full	22.99	19.79	30.00	PASS
N66	15	15	H	1772.5	DFT-QPSK	Inner_1RB_Left	22.73	19.53	30.00	PASS
N66	15	15	H	1772.5	DFT-QPSK	Inner_1RB_Right	22.63	19.43	30.00	PASS
N66	15	15	H	1772.5	DFT-QPSK	Outer_Full	22.88	19.68	30.00	PASS
N66	15	15	H	1772.5	DFT-16QAM	Inner_Full	23.04	19.84	30.00	PASS
N66	15	15	H	1772.5	DFT-16QAM	Inner_1RB_Left	23.23	20.03	30.00	PASS
N66	15	15	H	1772.5	DFT-16QAM	Inner_1RB_Right	23.10	19.9	30.00	PASS
N66	15	15	H	1772.5	DFT-16QAM	Outer_Full	22.58	19.38	30.00	PASS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB Config	Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
N66	15	20	L	1720	DFT-PI/2BPSK	Inner_Full	23.14	19.94	30.00	PASS
N66	15	20	L	1720	DFT-PI/2BPSK	Inner_1RB_Left	23.16	19.96	30.00	PASS
N66	15	20	L	1720	DFT-PI/2BPSK	Inner_1RB_Right	23.28	20.08	30.00	PASS
N66	15	20	L	1720	DFT-PI/2BPSK	Outer_Full	23.25	20.05	30.00	PASS
N66	15	20	L	1720	DFT-QPSK	Inner_Full	23.26	20.06	30.00	PASS
N66	15	20	L	1720	DFT-QPSK	Inner_1RB_Left	23.06	19.86	30.00	PASS
N66	15	20	L	1720	DFT-QPSK	Inner_1RB_Right	23.08	19.88	30.00	PASS
N66	15	20	L	1720	DFT-QPSK	Outer_Full	23.21	20.01	30.00	PASS
N66	15	20	L	1720	DFT-16QAM	Inner_Full	23.50	20.3	30.00	PASS
N66	15	20	L	1720	DFT-16QAM	Inner_1RB_Left	23.76	20.56	30.00	PASS
N66	15	20	L	1720	DFT-16QAM	Inner_1RB_Right	23.64	20.44	30.00	PASS
N66	15	20	L	1720	DFT-16QAM	Outer_Full	23.00	19.8	30.00	PASS
N66	15	20	M	1745	DFT-PI/2BPSK	Inner_Full	23.06	19.86	30.00	PASS
N66	15	20	M	1745	DFT-PI/2BPSK	Inner_1RB_Left	23.13	19.93	30.00	PASS
N66	15	20	M	1745	DFT-PI/2BPSK	Inner_1RB_Right	23.01	19.81	30.00	PASS
N66	15	20	M	1745	DFT-PI/2BPSK	Outer_Full	23.09	19.89	30.00	PASS
N66	15	20	M	1745	DFT-QPSK	Inner_Full	23.07	19.87	30.00	PASS
N66	15	20	M	1745	DFT-QPSK	Inner_1RB_Left	22.92	19.72	30.00	PASS
N66	15	20	M	1745	DFT-QPSK	Inner_1RB_Right	22.99	19.79	30.00	PASS
N66	15	20	M	1745	DFT-QPSK	Outer_Full	23.06	19.86	30.00	PASS
N66	15	20	M	1745	DFT-16QAM	Inner_Full	23.44	20.24	30.00	PASS
N66	15	20	M	1745	DFT-16QAM	Inner_1RB_Left	23.55	20.35	30.00	PASS
N66	15	20	M	1745	DFT-16QAM	Inner_1RB_Right	23.46	20.26	30.00	PASS
N66	15	20	M	1745	DFT-16QAM	Outer_Full	22.90	19.7	30.00	PASS
N66	15	20	H	1770	DFT-PI/2BPSK	Inner_Full	22.94	19.74	30.00	PASS
N66	15	20	H	1770	DFT-PI/2BPSK	Inner_1RB_Left	22.93	19.73	30.00	PASS
N66	15	20	H	1770	DFT-PI/2BPSK	Inner_1RB_Right	22.74	19.54	30.00	PASS
N66	15	20	H	1770	DFT-PI/2BPSK	Outer_Full	22.90	19.7	30.00	PASS
N66	15	20	H	1770	DFT-QPSK	Inner_Full	22.85	19.65	30.00	PASS
N66	15	20	H	1770	DFT-QPSK	Inner_1RB_Left	22.75	19.55	30.00	PASS
N66	15	20	H	1770	DFT-QPSK	Inner_1RB_Right	22.57	19.37	30.00	PASS
N66	15	20	H	1770	DFT-QPSK	Outer_Full	23.06	19.86	30.00	PASS
N66	15	20	H	1770	DFT-16QAM	Inner_Full	23.08	19.88	30.00	PASS
N66	15	20	H	1770	DFT-16QAM	Inner_1RB_Left	23.33	20.13	30.00	PASS
N66	15	20	H	1770	DFT-16QAM	Inner_1RB_Right	23.27	20.07	30.00	PASS
N66	15	20	H	1770	DFT-16QAM	Outer_Full	22.47	19.27	30.00	PASS

2. APPENDIX B - PEAK-TO-AVERAGE RATIO FOR SA

2.1 TEST RESULTS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB Config	Measured [dBm]	Limit [dBm]	Verdict
N66	15	5	M	1745	DFT-PI/2BPSK	Outer_Full	6.45	≤13	PASS
N66	15	5	M	1745	DFT-QPSK	Outer_Full	6.01	≤13	PASS
N66	15	5	M	1745	DFT-16QAM	Outer_Full	7.22	≤13	PASS
N66	15	5	M	1745	DFT-64QAM	Outer_Full	6.90	≤13	PASS
N66	15	5	M	1745	DFT-256QAM	Outer_Full	7.05	≤13	PASS
N66	15	5	M	1745	CP-QPSK	Outer_Full	8.10	≤13	PASS
N66	15	5	M	1745	CP-16QAM	Outer_Full	8.17	≤13	PASS
N66	15	5	M	1745	CP-64QAM	Outer_Full	8.42	≤13	PASS
N66	15	5	M	1745	CP-256QAM	Outer_Full	8.46	≤13	PASS
N66	15	15	M	1745	DFT-PI/2BPSK	Outer_Full	9.22	≤13	PASS
N66	15	15	M	1745	DFT-QPSK	Outer_Full	7.53	≤13	PASS
N66	15	15	M	1745	DFT-16QAM	Outer_Full	7.48	≤13	PASS
N66	15	15	M	1745	DFT-64QAM	Outer_Full	8.07	≤13	PASS
N66	15	15	M	1745	DFT-256QAM	Outer_Full	7.93	≤13	PASS
N66	15	15	M	1745	CP-QPSK	Outer_Full	8.68	≤13	PASS
N66	15	15	M	1745	CP-16QAM	Outer_Full	8.33	≤13	PASS
N66	15	15	M	1745	CP-64QAM	Outer_Full	8.78	≤13	PASS
N66	15	15	M	1745	CP-256QAM	Outer_Full	8.76	≤13	PASS
N66	15	20	M	1745	DFT-PI/2BPSK	Outer_Full	8.42	≤13	PASS
N66	15	20	M	1745	DFT-QPSK	Outer_Full	7.74	≤13	PASS
N66	15	20	M	1745	DFT-16QAM	Outer_Full	8.02	≤13	PASS
N66	15	20	M	1745	DFT-64QAM	Outer_Full	7.88	≤13	PASS
N66	15	20	M	1745	DFT-256QAM	Outer_Full	7.99	≤13	PASS
N66	15	20	M	1745	CP-QPSK	Outer_Full	8.40	≤13	PASS
N66	15	20	M	1745	CP-16QAM	Outer_Full	8.42	≤13	PASS
N66	15	20	M	1745	CP-64QAM	Outer_Full	8.60	≤13	PASS
N66	15	20	M	1745	CP-256QAM	Outer_Full	8.63	≤13	PASS

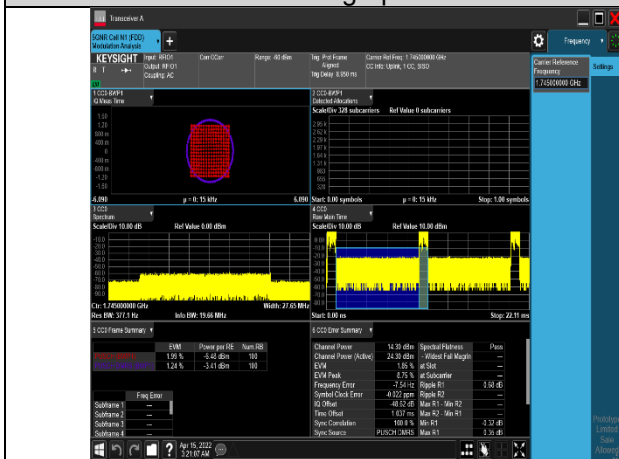
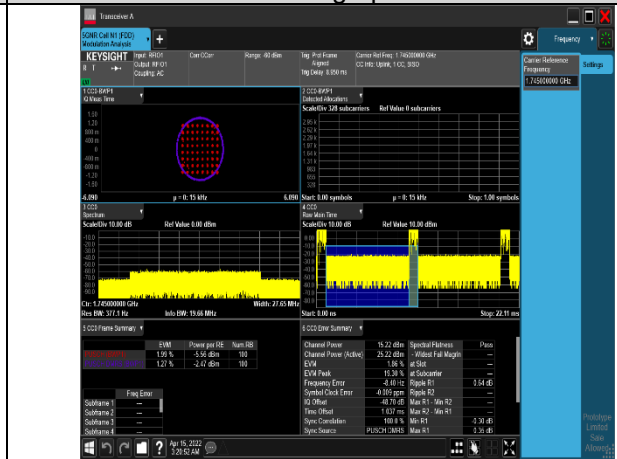
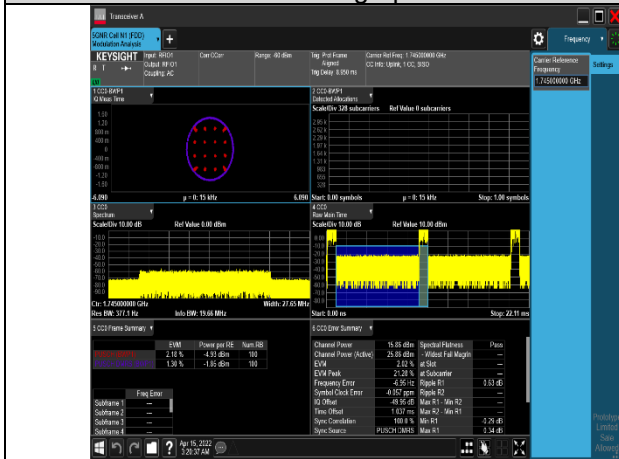
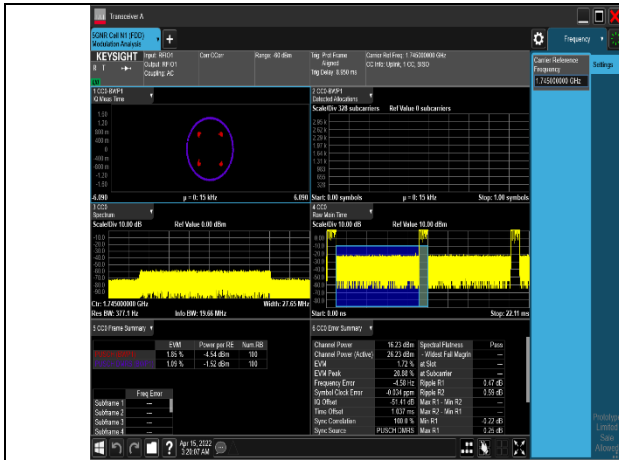
3. APPENDIX C - MODULATION CHARACTERISTICS FOR SA

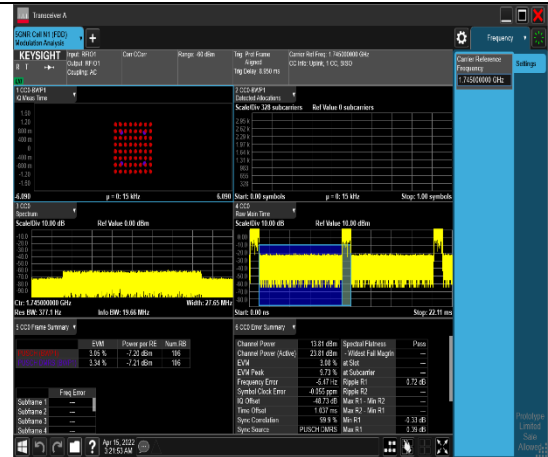
3.1 TEST RESULTS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB config	Verdict
N66	15	20	M	1745	DFT-PI/2BPSK	Outer_Full	PASS
N66	15	20	M	1745	DFT-QPSK	Outer_Full	PASS
N66	15	20	M	1745	DFT-16QAM	Outer_Full	PASS
N66	15	20	M	1745	DFT-64QAM	Outer_Full	PASS
N66	15	20	M	1745	DFT-256QAM	Outer_Full	PASS
N66	15	20	M	1745	CP-QPSK	Outer_Full	PASS
N66	15	20	M	1745	CP-16QAM	Outer_Full	PASS
N66	15	20	M	1745	CP-64QAM	Outer_Full	PASS
N66	15	20	M	1745	CP-256QAM	Outer_Full	PASS

3.2 TEST PLOTS

3.2.1 CHANNEL BANDWIDTH=20MHZ





1-N66-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-
Ant1-see graph-PASS

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4. APPENDIX D - 26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA

4.1 TEST RESULTS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [Mhz]	Modulation	RB config	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
N66	15	5	L	1712.5	CP-QPSK	Outer_Full	4.506	5.000	PASS
N66	15	5	L	1712.5	CP-16QAM	Outer_Full	4.514	5.190	PASS
N66	15	5	L	1712.5	CP-64QAM	Outer_Full	4.455	4.800	PASS
N66	15	5	L	1712.5	CP-256QAM	Outer_Full	4.467	4.820	PASS
N66	15	5	L	1712.5	DFT-PI/2BPSK	Outer_Full	4.479	4.760	PASS
N66	15	5	L	1712.5	DFT-QPSK	Outer_Full	4.396	4.610	PASS
N66	15	5	L	1712.5	DFT-16QAM	Outer_Full	4.43	4.620	PASS
N66	15	5	L	1712.5	DFT-64QAM	Outer_Full	4.446	4.660	PASS
N66	15	5	L	1712.5	DFT-256QAM	Outer_Full	4.439	4.770	PASS
N66	15	5	M	1745	CP-QPSK	Outer_Full	4.471	4.850	PASS
N66	15	5	M	1745	CP-16QAM	Outer_Full	4.461	4.850	PASS
N66	15	5	M	1745	CP-64QAM	Outer_Full	4.475	4.720	PASS
N66	15	5	M	1745	CP-256QAM	Outer_Full	4.449	4.620	PASS
N66	15	5	M	1745	DFT-PI/2BPSK	Outer_Full	4.471	4.940	PASS
N66	15	5	M	1745	DFT-QPSK	Outer_Full	4.424	4.790	PASS
N66	15	5	M	1745	DFT-16QAM	Outer_Full	4.46	4.790	PASS
N66	15	5	M	1745	DFT-64QAM	Outer_Full	4.482	4.950	PASS
N66	15	5	M	1745	DFT-256QAM	Outer_Full	4.442	4.610	PASS
N66	15	5	H	1777.5	CP-QPSK	Outer_Full	4.446	4.620	PASS
N66	15	5	H	1777.5	CP-16QAM	Outer_Full	4.436	4.660	PASS
N66	15	5	H	1777.5	CP-64QAM	Outer_Full	4.439	4.620	PASS
N66	15	5	H	1777.5	CP-256QAM	Outer_Full	4.459	4.760	PASS
N66	15	5	H	1777.5	DFT-PI/2BPSK	Outer_Full	4.446	4.610	PASS
N66	15	5	H	1777.5	DFT-QPSK	Outer_Full	4.444	4.770	PASS
N66	15	5	H	1777.5	DFT-16QAM	Outer_Full	4.464	4.710	PASS
N66	15	5	H	1777.5	DFT-64QAM	Outer_Full	4.437	4.910	PASS
N66	15	5	H	1777.5	DFT-256QAM	Outer_Full	4.484	4.890	PASS

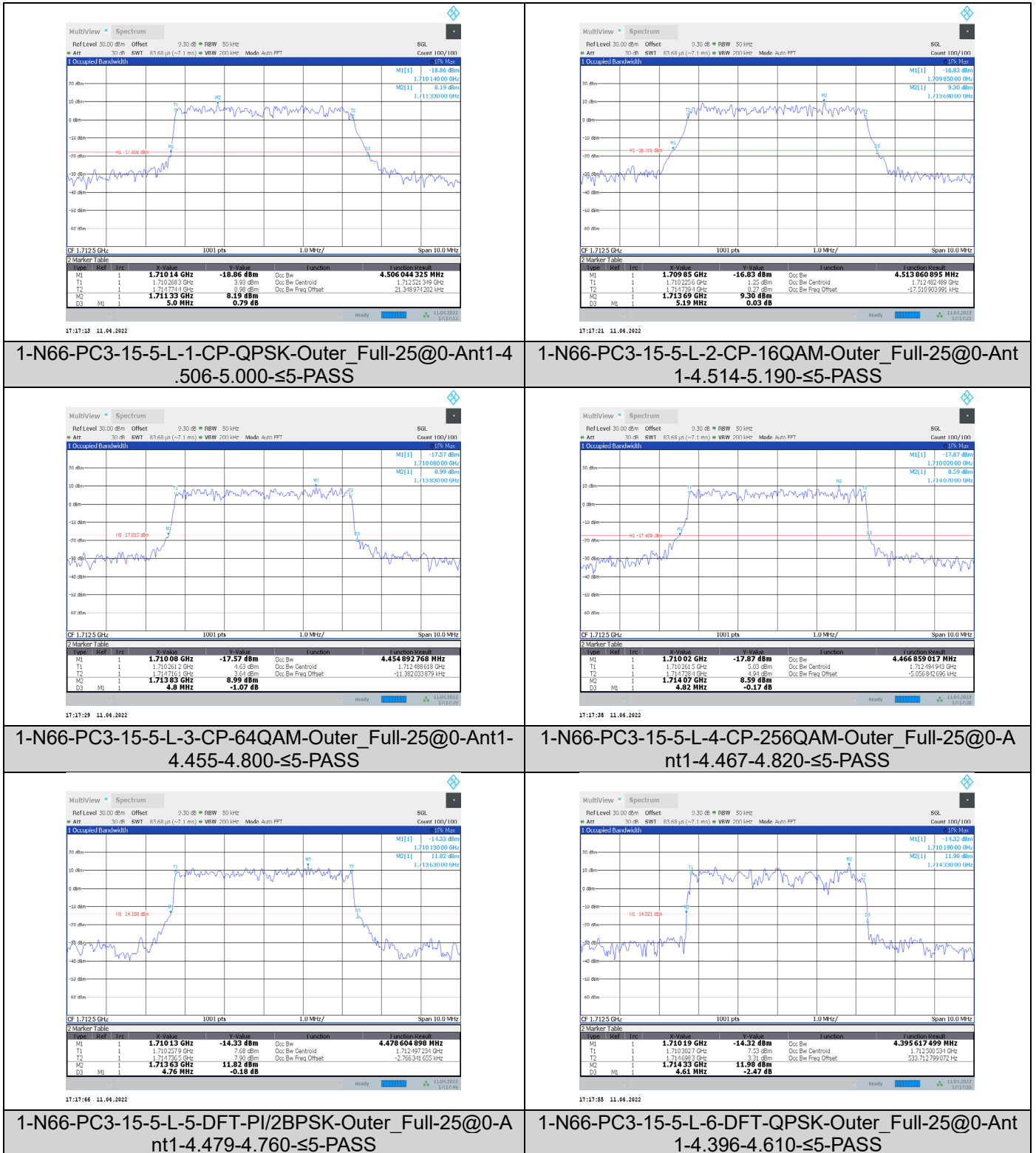
NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [Mhz]	Modulation	RB config	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
N66	15	10	L	1715	CP-QPSK	Outer_Full	8.943	9.520	PASS
N66	15	10	L	1715	CP-16QAM	Outer_Full	9.274	10.020	PASS
N66	15	10	L	1715	CP-64QAM	Outer_Full	9.254	9.780	PASS
N66	15	10	L	1715	CP-256QAM	Outer_Full	9.263	9.660	PASS
N66	15	10	L	1715	DFT-PI/2BPSK	Outer_Full	8.942	9.320	PASS
N66	15	10	L	1715	DFT-QPSK	Outer_Full	8.942	9.300	PASS
N66	15	10	L	1715	DFT-16QAM	Outer_Full	8.949	9.360	PASS
N66	15	10	L	1715	DFT-64QAM	Outer_Full	8.917	9.260	PASS
N66	15	10	L	1715	DFT-256QAM	Outer_Full	8.906	9.680	PASS
N66	15	10	M	1745	CP-QPSK	Outer_Full	8.952	9.460	PASS
N66	15	10	M	1745	CP-16QAM	Outer_Full	9.299	9.700	PASS
N66	15	10	M	1745	CP-64QAM	Outer_Full	9.29	9.620	PASS
N66	15	10	M	1745	CP-256QAM	Outer_Full	9.291	9.880	PASS
N66	15	10	M	1745	DFT-PI/2BPSK	Outer_Full	8.923	9.340	PASS
N66	15	10	M	1745	DFT-QPSK	Outer_Full	8.954	9.360	PASS
N66	15	10	M	1745	DFT-16QAM	Outer_Full	8.944	9.320	PASS
N66	15	10	M	1745	DFT-64QAM	Outer_Full	8.958	9.360	PASS
N66	15	10	M	1745	DFT-256QAM	Outer_Full	8.873	9.500	PASS
N66	15	10	H	1775	CP-QPSK	Outer_Full	8.954	9.380	PASS
N66	15	10	H	1775	CP-16QAM	Outer_Full	9.249	9.600	PASS
N66	15	10	H	1775	CP-64QAM	Outer_Full	9.239	9.700	PASS
N66	15	10	H	1775	CP-256QAM	Outer_Full	9.276	9.660	PASS
N66	15	10	H	1775	DFT-PI/2BPSK	Outer_Full	8.923	9.380	PASS
N66	15	10	H	1775	DFT-QPSK	Outer_Full	8.891	9.540	PASS
N66	15	10	H	1775	DFT-16QAM	Outer_Full	8.956	9.520	PASS
N66	15	10	H	1775	DFT-64QAM	Outer_Full	8.863	9.340	PASS
N66	15	10	H	1775	DFT-256QAM	Outer_Full	8.925	9.480	PASS

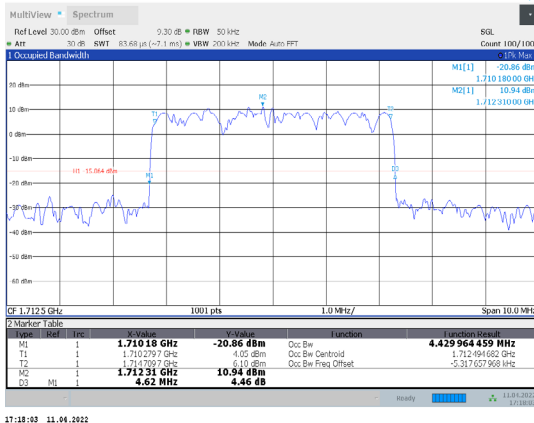
NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [Mhz]	Modulation	RB config	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
N66	15	15	L	1717.5	CP-QPSK	Outer_Full	13.346	13.980	PASS
N66	15	15	L	1777.5	CP-16QAM	Outer_Full	14.089	14.760	PASS
N66	15	15	L	1777.5	CP-64QAM	Outer_Full	14.112	14.760	PASS
N66	15	15	L	1777.5	CP-256QAM	Outer_Full	14.142	14.820	PASS
N66	15	15	L	1777.5	DFT-PI/2BPSK	Outer_Full	13.326	13.980	PASS
N66	15	15	L	1777.5	DFT-QPSK	Outer_Full	13.381	14.340	PASS
N66	15	15	L	1777.5	DFT-16QAM	Outer_Full	13.394	13.980	PASS
N66	15	15	L	1777.5	DFT-64QAM	Outer_Full	13.442	13.980	PASS
N66	15	15	L	1777.5	DFT-256QAM	Outer_Full	13.466	13.980	PASS
N66	15	15	M	1745	CP-QPSK	Outer_Full	13.427	14.010	PASS
N66	15	15	M	1745	CP-16QAM	Outer_Full	14.091	15.030	PASS
N66	15	15	M	1745	CP-64QAM	Outer_Full	14.16	14.760	PASS
N66	15	15	M	1745	CP-256QAM	Outer_Full	14.101	14.940	PASS
N66	15	15	M	1745	DFT-PI/2BPSK	Outer_Full	13.51	14.160	PASS
N66	15	15	M	1745	DFT-QPSK	Outer_Full	13.335	14.400	PASS
N66	15	15	M	1745	DFT-16QAM	Outer_Full	13.32	14.100	PASS
N66	15	15	M	1745	DFT-64QAM	Outer_Full	13.407	14.010	PASS
N66	15	15	M	1745	DFT-256QAM	Outer_Full	13.482	14.040	PASS
N66	15	15	H	1772.5	CP-QPSK	Outer_Full	13.414	13.980	PASS
N66	15	15	H	1772.5	CP-16QAM	Outer_Full	14.07	14.790	PASS
N66	15	15	H	1772.5	CP-64QAM	Outer_Full	14.187	14.850	PASS
N66	15	15	H	1772.5	CP-256QAM	Outer_Full	14.122	14.970	PASS
N66	15	15	H	1772.5	DFT-PI/2BPSK	Outer_Full	13.375	14.160	PASS
N66	15	15	H	1772.5	DFT-QPSK	Outer_Full	13.464	14.100	PASS
N66	15	15	H	1772.5	DFT-16QAM	Outer_Full	13.383	14.010	PASS
N66	15	15	H	1772.5	DFT-64QAM	Outer_Full	13.398	14.130	PASS
N66	15	15	H	1772.5	DFT-256QAM	Outer_Full	13.327	14.310	PASS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [Mhz]	Modulation	RB config	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
N66	15	20	L	1720	CP-QPSK	Outer_Full	17.877	18.560	PASS
N66	15	20	L	1720	CP-16QAM	Outer_Full	18.803	19.680	PASS
N66	15	20	L	1720	CP-64QAM	Outer_Full	18.818	19.600	PASS
N66	15	20	L	1720	CP-256QAM	Outer_Full	18.866	19.560	PASS
N66	15	20	L	1720	DFT-PI/2BPSK	Outer_Full	17.834	18.720	PASS
N66	15	20	L	1720	DFT-QPSK	Outer_Full	17.91	18.560	PASS
N66	15	20	L	1720	DFT-16QAM	Outer_Full	17.788	18.600	PASS
N66	15	20	L	1720	DFT-64QAM	Outer_Full	17.824	18.600	PASS
N66	15	20	L	1720	DFT-256QAM	Outer_Full	17.686	18.680	PASS
N66	15	20	M	1745	CP-QPSK	Outer_Full	17.859	18.520	PASS
N66	15	20	M	1745	CP-16QAM	Outer_Full	18.897	19.720	PASS
N66	15	20	M	1745	CP-64QAM	Outer_Full	18.974	19.640	PASS
N66	15	20	M	1745	CP-256QAM	Outer_Full	18.959	19.560	PASS
N66	15	20	M	1745	DFT-PI/2BPSK	Outer_Full	17.903	18.560	PASS
N66	15	20	M	1745	DFT-QPSK	Outer_Full	17.863	18.680	PASS
N66	15	20	M	1745	DFT-16QAM	Outer_Full	17.899	18.640	PASS
N66	15	20	M	1745	DFT-64QAM	Outer_Full	17.773	18.920	PASS
N66	15	20	M	1745	DFT-256QAM	Outer_Full	17.835	18.480	PASS
N66	15	20	H	1770	CP-QPSK	Outer_Full	17.928	18.840	PASS
N66	15	20	H	1770	CP-16QAM	Outer_Full	18.874	19.640	PASS
N66	15	20	H	1770	CP-64QAM	Outer_Full	18.908	19.600	PASS
N66	15	20	H	1770	CP-256QAM	Outer_Full	18.875	19.560	PASS
N66	15	20	H	1770	DFT-PI/2BPSK	Outer_Full	17.903	18.520	PASS
N66	15	20	H	1770	DFT-QPSK	Outer_Full	17.919	18.560	PASS
N66	15	20	H	1770	DFT-16QAM	Outer_Full	17.954	18.640	PASS
N66	15	20	H	1770	DFT-64QAM	Outer_Full	17.906	18.560	PASS
N66	15	20	H	1770	DFT-256QAM	Outer_Full	17.86	18.480	PASS

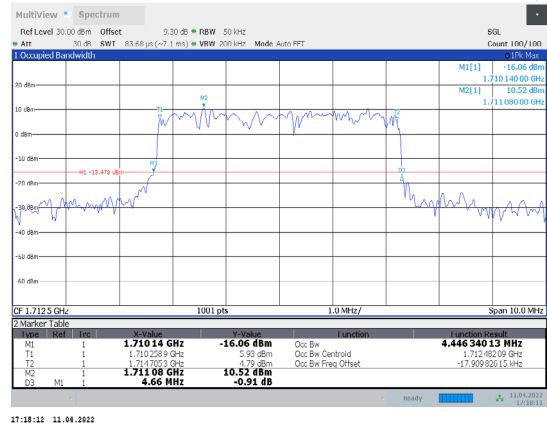
4.2 TEST PLOTS

4.2.1 CHANNEL BANDWIDTH=5MHZ





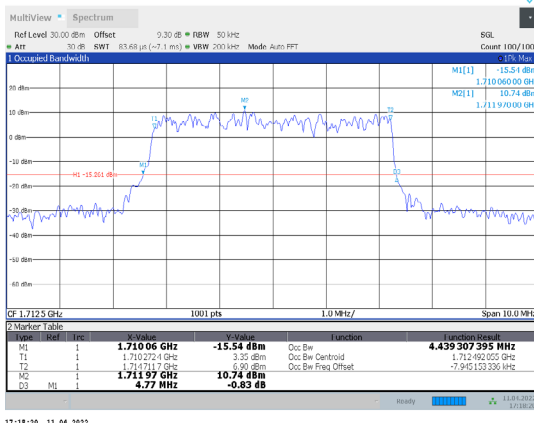
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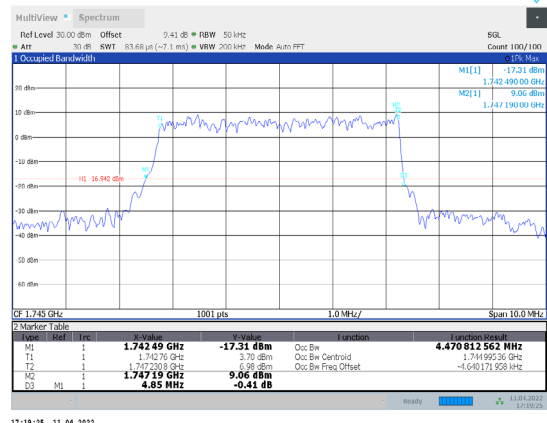
17:18:12 11.04.2022

1-N66-PC3-15-5-L-7-DFT-16QAM-Outer_Full-25@0-Ant
1-4.43-4.620-≤5-PASS

1-N66-PC3-15-5-L-8-DFT-64QAM-Outer_Full-25@0-Ant
1-4.446-4.660-≤5-PASS



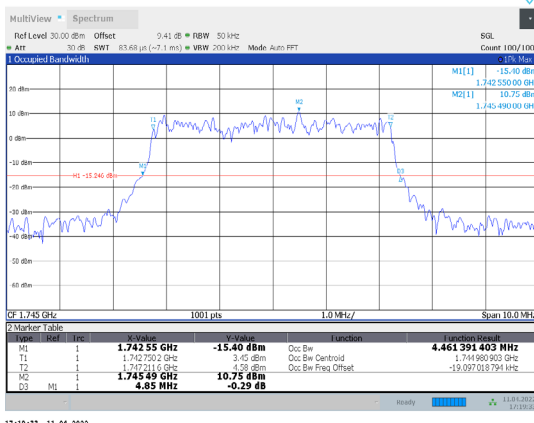
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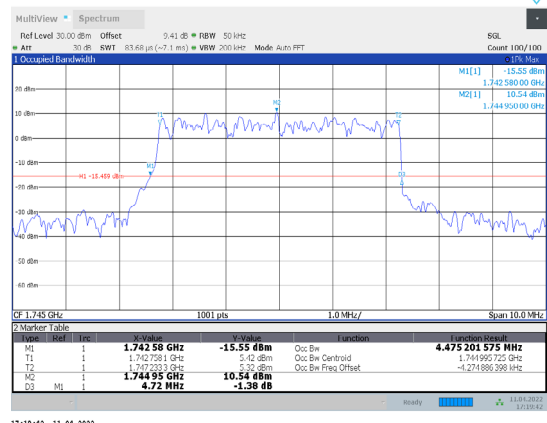
17:19:25 11.04.2022

1-N66-PC3-15-5-L-9-DFT-256QAM-Outer_Full-25@0-Ant
1-4.439-4.770-≤5-PASS

1-N66-PC3-15-5-M-1-CP-QPSK-Outer_Full-25@0-Ant
1-4.471-4.850-≤5-PASS



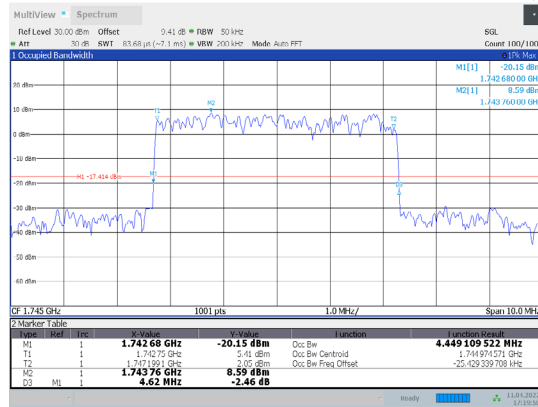
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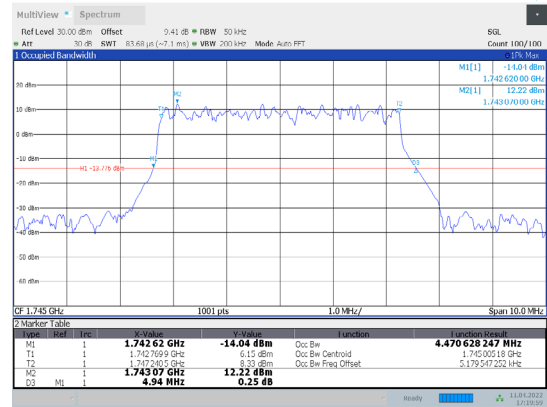
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1-4.461-4.850-≤5-PASS

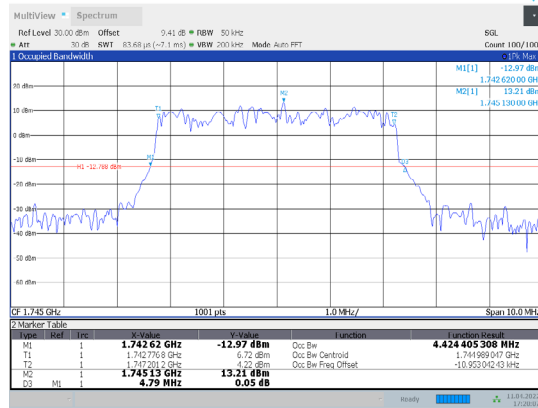
1-N66-PC3-15-5-M-3-CP-64QAM-Outer_Full-25@0-Ant
1-4.475-4.720-≤5-PASS



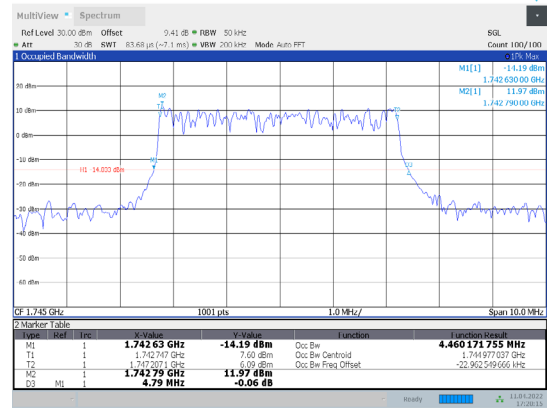
1-N66-PC3-15-5-M-4-CP-256QAM-Out_ Full-25@0-A
nt1-4.449-4.620-≤5-PASS



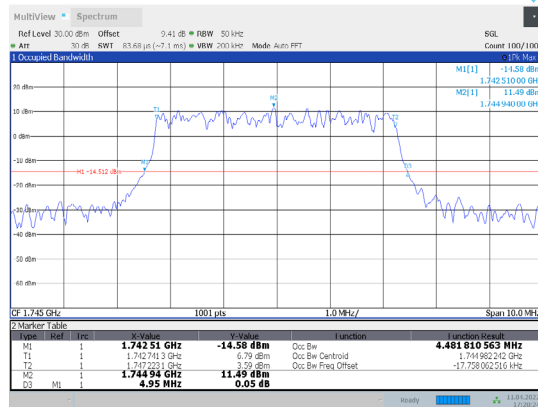
1-N66-PC3-15-5-M-5-DFT-PI/2BPSK-Out_ Full-25@0-A
nt1-4.471-4.940-≤5-PASS



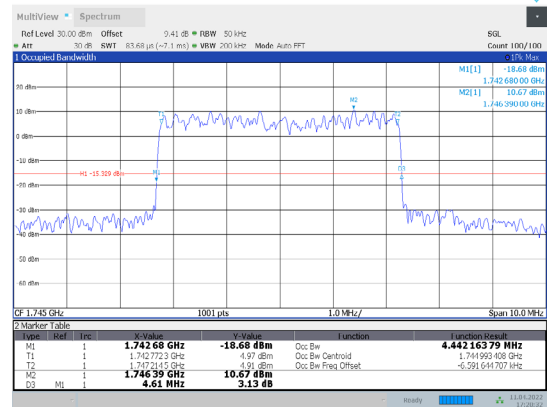
1-N66-PC3-15-5-M-6-DFT-QPSK-Out_ Full-25@0-A
nt1-4.424-4.790-≤5-PASS



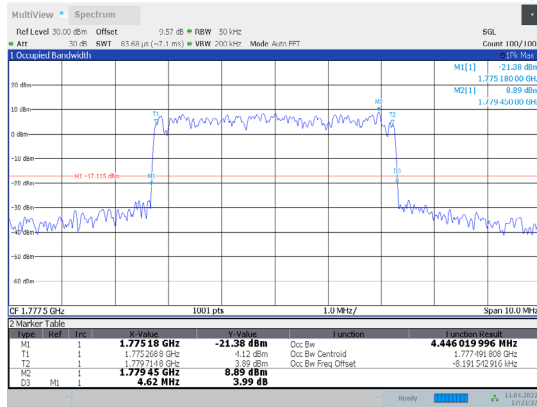
1-N66-PC3-15-5-M-7-DFT-16QAM-Out_ Full-25@0-A
nt1-4.46-4.790-≤5-PASS



1-N66-PC3-15-5-M-8-DFT-64QAM-Out_ Full-25@0-A
nt1-4.482-4.950-≤5-PASS



1-N66-PC3-15-5-M-9-DFT-256QAM-Out_ Full-25@0-A
nt1-4.442-4.610-≤5-PASS



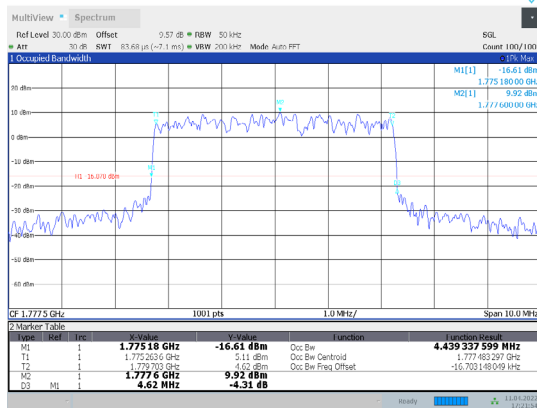
17:21:37 11.04.2022

1-N66-PC3-15-5-H-1-CP-QPSK-Outet_Full-25@0-Ant1-4.446-4.620-≤5-PASS



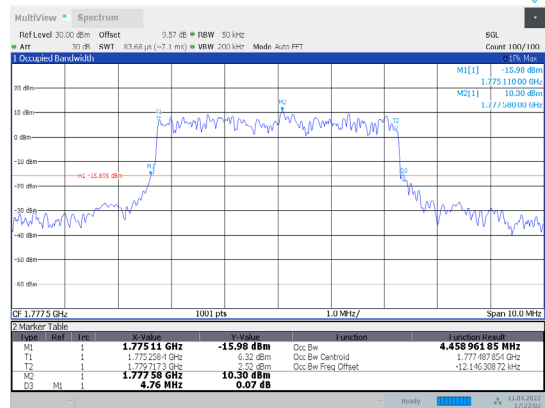
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1-N66-PC3-15-5-H-2-CP-16QAM-Outet_Full-25@0-Ant1-4.436-4.660-≤5-PASS



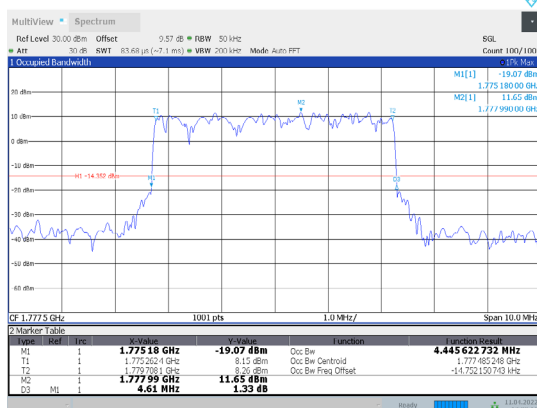
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1-N66-PC3-15-5-H-3-CP-64QAM-Outet_Full-25@0-Ant1-4.439-4.620-≤5-PASS



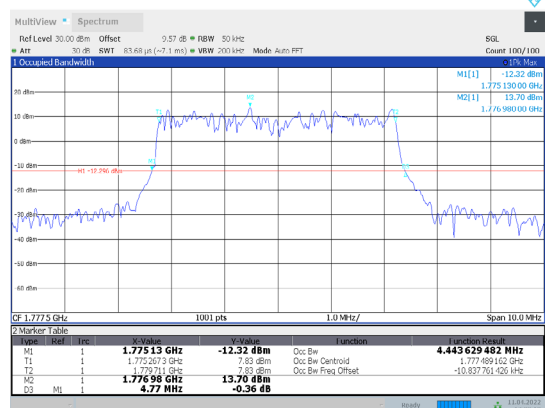
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1-N66-PC3-15-5-H-4-CP-256QAM-Outet_Full-25@0-Ant1-4.459-4.760-≤5-PASS



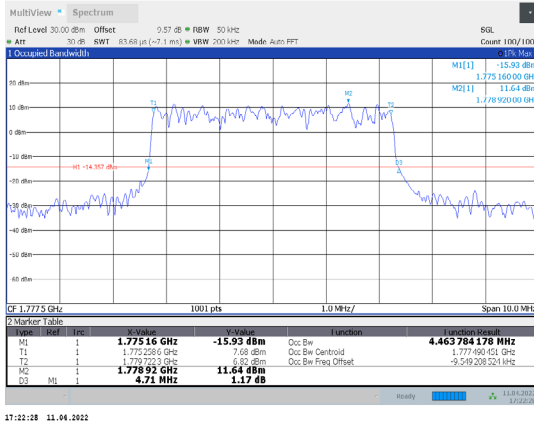
17:22:11 11.04.2022

1-N66-PC3-15-5-H-5-DFT-PI/2BPSK-Outet_Full-25@0-Ant1-4.446-4.610-≤5-PASS

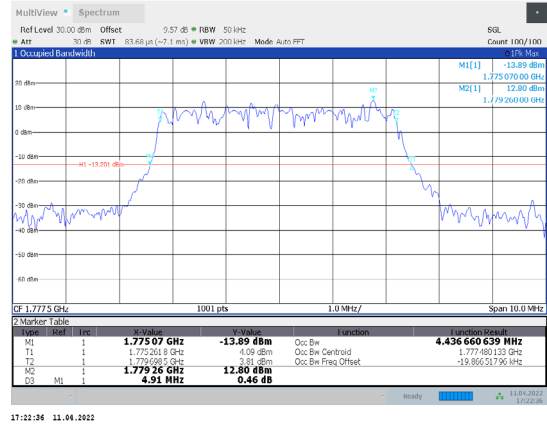


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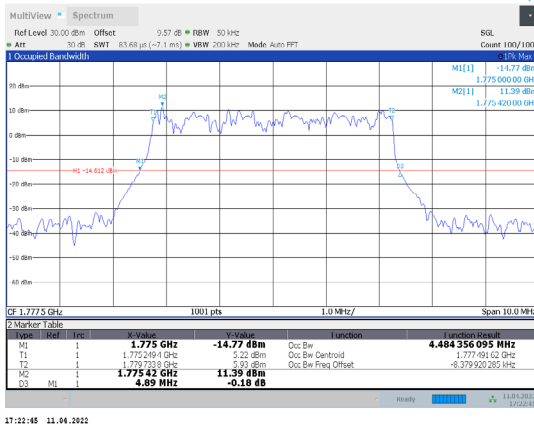
1-N66-PC3-15-5-H-6-DFT-QPSK-Outet_Full-25@0-Ant1-4.444-4.770-≤5-PASS



1-N66-PC3-15-5-H-7-DFT-16QAM-Outer_Full-25@0-Ant
1-4.464-4.710-≤5-PASS

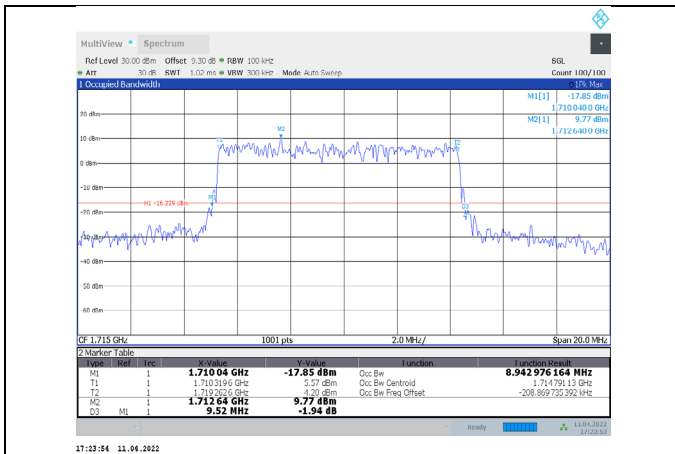


1-N66-PC3-15-5-H-8-DFT-64QAM-Outer_Full-25@0-A
nt1-4.437-4.910-≤5-PASS

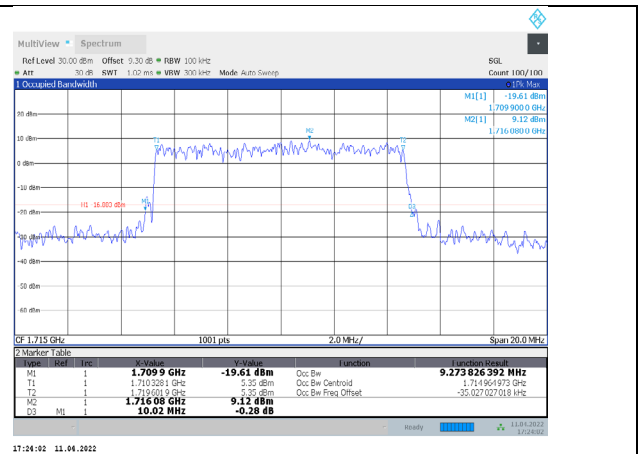


1-N66-PC3-15-5-H-9-DFT-256QAM-Outer_Full-25@0-A
nt1-4.484-4.890-≤5-PASS

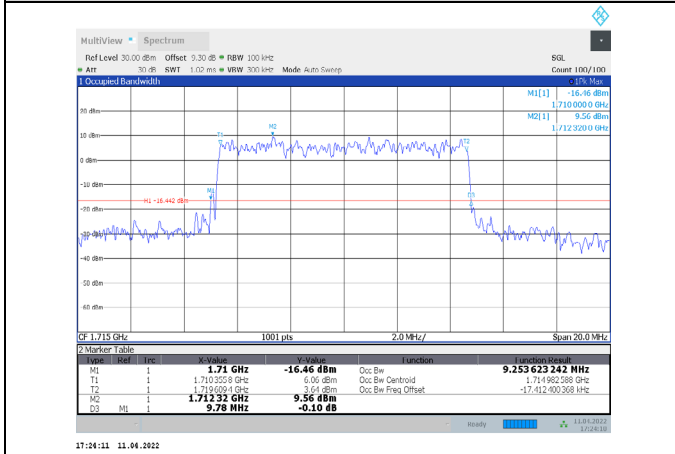
4.2.2 CHANNEL BANDWIDTH=10MHZ



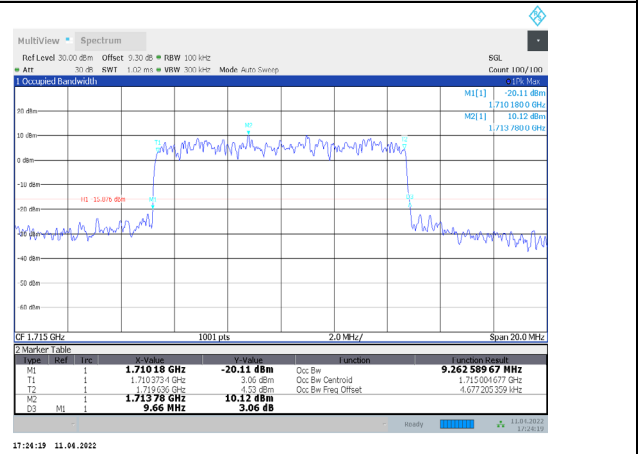
1-N66-PC3-15-10-L-1-CP-QPSK-Outer_Full-50@0-Ant1-8.943-9.520-≤10-PASS



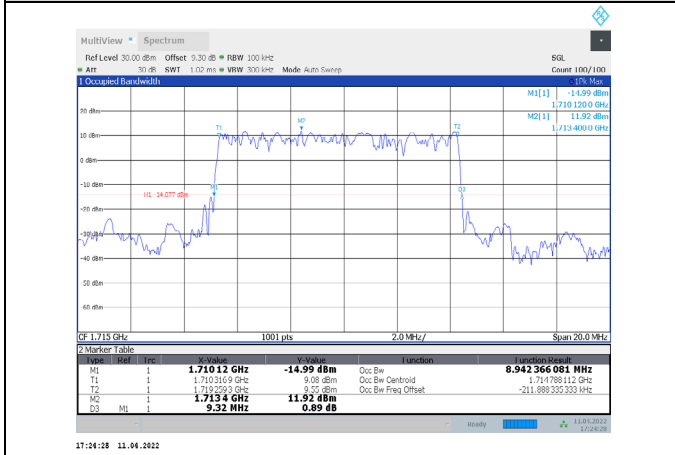
1-N66-PC3-15-10-L-2-CP-16QAM-Outer_Full-52@0-Ant1-9.274-10.020-≤10-PASS



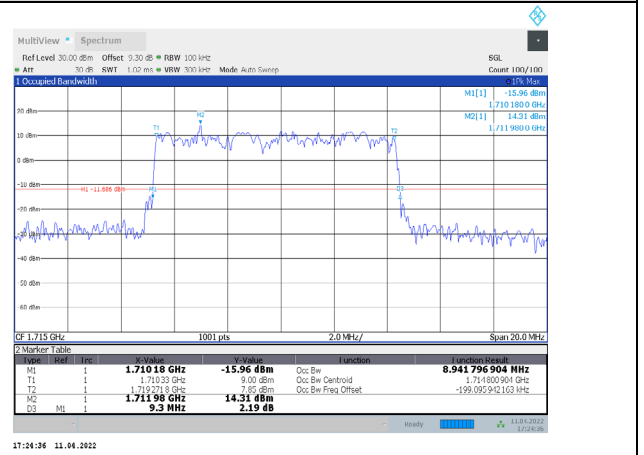
1-N66-PC3-15-10-L-3-CP-64QAM-Outer_Full-52@0-Ant1-9.254-9.780-≤10-PASS



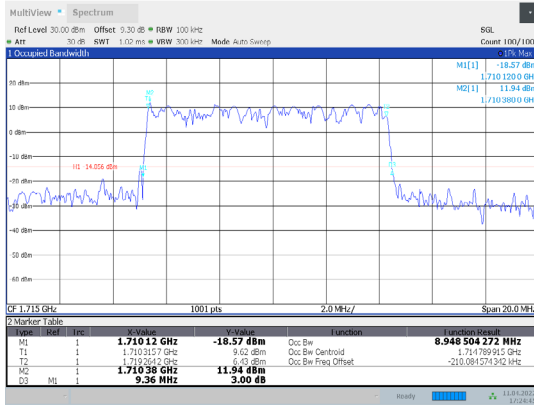
1-N66-PC3-15-10-L-4-CP-256QAM-Outer_Full-52@0-Ant1-9.263-9.660-≤10-PASS



1-N66-PC3-15-10-L-5-DFT-PI/2BPSK-Outer_Full-50@0-Ant1-8.942-9.320-≤10-PASS

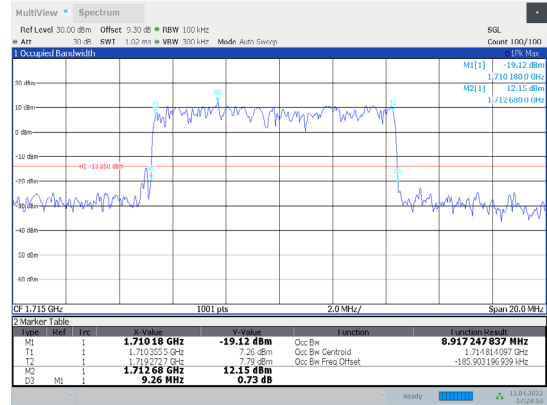


1-N66-PC3-15-10-L-6-DFT-QPSK-Outer_Full-50@0-Ant1-8.942-9.300-≤10-PASS



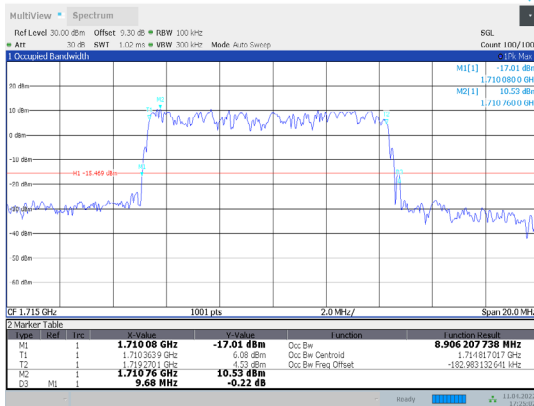
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1-N66-PC3-15-10-L-7-DFT-16QAM-Outer_Full-50@0-A
nt1-8.949-9.360-≤10-PASS



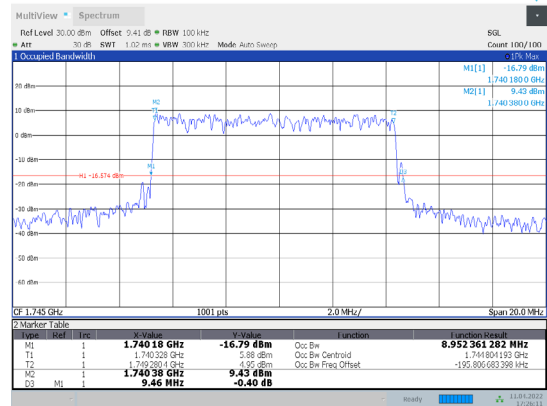
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1-N66-PC3-15-10-L-8-DFT-64QAM-Outer_Full-50@0-A
nt1-8.917-9.260-≤10-PASS



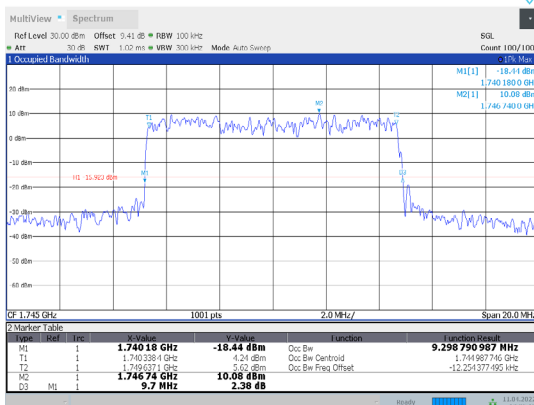
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1-N66-PC3-15-10-L-9-DFT-256QAM-Outer_Full-50@0-A
Ant1-8.906-9.680-≤10-PASS



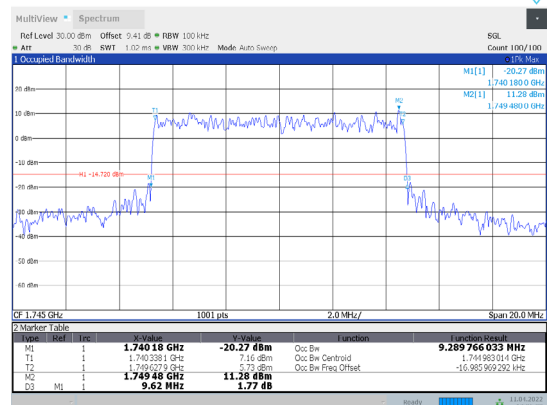
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1-N66-PC3-15-10-M-1-CP-QPSK-Outer_Full-50@0-A
1-8.952-9.460-≤10-PASS



17:26:20 11.04.2022

1-N66-PC3-15-10-M-2-CP-16QAM-Outer_Full-52@0-A
t1-9.299-9.700-≤10-PASS



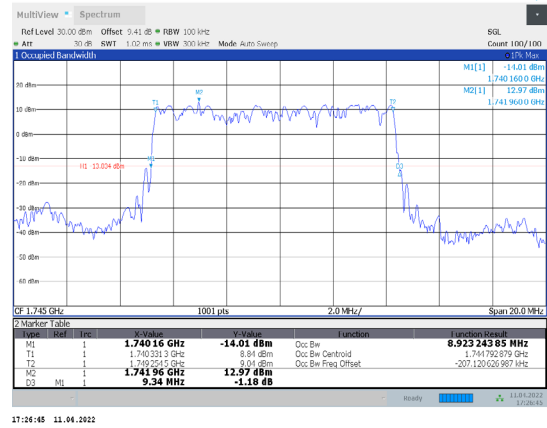
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1-N66-PC3-15-10-M-3-CP-64QAM-Outer_Full-52@0-A
nt1-9.29-9.620-≤10-PASS



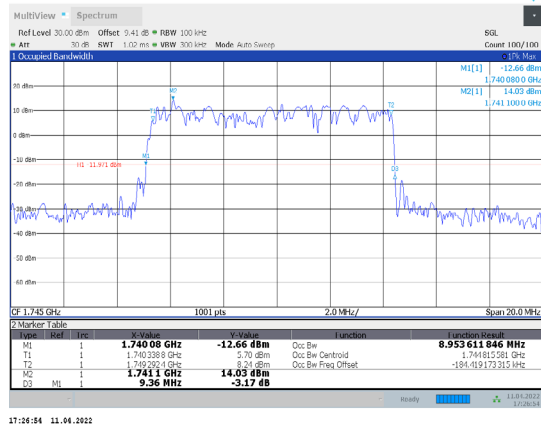
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1-N66-PC3-15-10-M-4-CP-256QAM-Outer_Full-52@0-Ant1-9.291-9.880-≤10-PASS



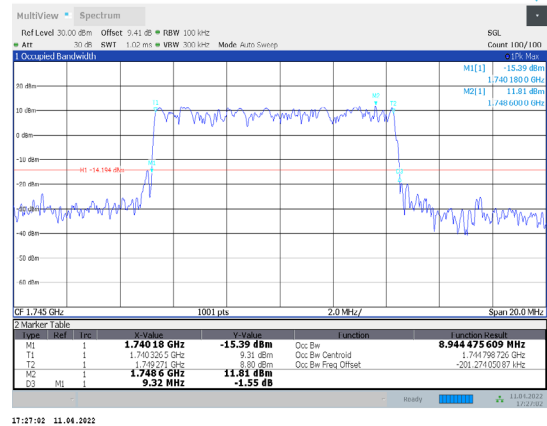
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1-N66-PC3-15-10-M-5-DFT-PI/2BPSK-Outer_Full-50@0-Ant1-8.923-9.340-≤10-PASS



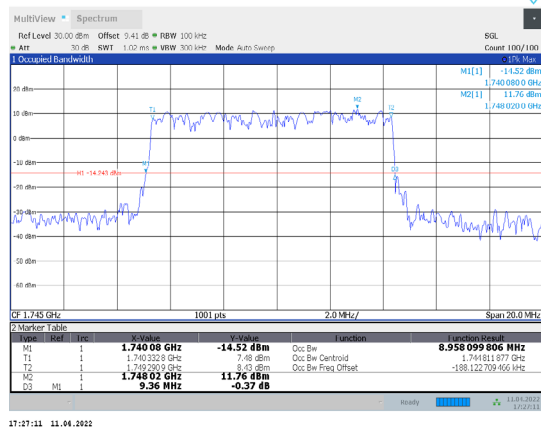
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1-N66-PC3-15-10-M-6-DFT-QPSK-Outer_Full-50@0-Ant1-8.954-9.360-≤10-PASS



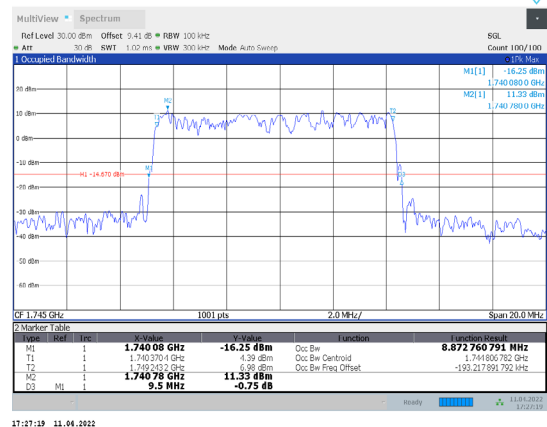
17:27:02 11.04.2022

1-N66-PC3-15-10-M-7-DFT-16QAM-Outer_Full-50@0-Ant1-8.944-9.320-≤10-PASS



17:27:11 11.04.2022

1-N66-PC3-15-10-M-8-DFT-64QAM-Outer_Full-50@0-Ant1-8.958-9.360-≤10-PASS



17:27:19 11.04.2022

1-N66-PC3-15-10-M-9-DFT-256QAM-Outer_Full-50@0-Ant1-8.873-9.500-≤10-PASS