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Appendix B.22

NR Band n71



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	LIMIT	Verdict
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.46	22.70	34.77	PASS
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.47	22.71	34.77	PASS
N71	15	5	DFT-PI2BPSK	L	Outer_Full	22.85	22.09	34.77	PASS
N71	15	5	DFT-QPSK	L	Inner_1RB_Left	23.32	22.56	34.77	PASS
N71	15	5	DFT-QPSK	L	Inner_1RB_Right	23.36	22.60	34.77	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	22.46	21.70	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Left	22.40	21.64	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Right	22.42	21.66	34.77	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	21.49	20.73	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Left	21.13	20.37	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Right	21.18	20.42	34.77	PASS
N71	15	5	DFT-64QAM	L	Outer_Full	20.89	20.13	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Left	18.39	17.63	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Right	18.44	17.68	34.77	PASS
N71	15	5	DFT-256QAM	L	Outer_Full	18.87	18.11	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.17	22.41	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.01	22.25	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	22.58	21.82	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Left	23.08	22.32	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Right	22.97	22.21	34.77	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	22.11	21.35	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Left	22.17	21.41	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Right	22.02	21.26	34.77	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	21.13	20.37	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Left	20.89	20.13	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Right	20.74	19.98	34.77	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	20.64	19.88	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Left	18.24	17.48	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Right	18.22	17.46	34.77	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	18.71	17.95	34.77	PASS
N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.14	22.38	34.77	PASS
N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.12	22.36	34.77	PASS



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N71	15	5	DFT-PI2BPSK	H	Outer_Full	22.66	21.90	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Left	23.05	22.29	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Right	23.03	22.27	34.77	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	22.20	21.44	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Left	22.18	21.42	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Right	22.11	21.35	34.77	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	21.22	20.46	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Left	20.83	20.07	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Right	20.81	20.05	34.77	PASS
N71	15	5	DFT-64QAM	H	Outer_Full	20.71	19.95	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Left	18.26	17.50	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Right	18.24	17.48	34.77	PASS
N71	15	5	DFT-256QAM	H	Outer_Full	18.74	17.98	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.38	22.62	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.36	22.60	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Outer_Full	22.83	22.07	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Left	23.31	22.55	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Right	23.30	22.54	34.77	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	22.33	21.57	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Left	22.34	21.58	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Right	22.36	21.60	34.77	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	21.36	20.60	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Left	21.11	20.35	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Right	21.09	20.33	34.77	PASS
N71	15	10	DFT-64QAM	L	Outer_Full	20.91	20.15	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Left	18.41	17.65	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Right	18.37	17.61	34.77	PASS
N71	15	10	DFT-256QAM	L	Outer_Full	18.88	18.12	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.26	22.50	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.04	22.28	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	22.65	21.89	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Left	23.16	22.40	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Right	23.03	22.27	34.77	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	22.08	21.32	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Left	22.21	21.45	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Right	22.03	21.27	34.77	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	21.13	20.37	34.77	PASS



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N71	15	10	DFT-64QAM	M	Inner_1RB_Left	20.91	20.15	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Right	20.05	19.29	34.77	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	20.02	19.26	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Left	18.39	17.63	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Right	18.16	17.40	34.77	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	18.72	17.96	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.20	22.44	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.20	22.44	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Outer_Full	22.65	21.89	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Left	23.10	22.34	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Right	23.14	22.38	34.77	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	22.21	21.45	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Left	22.11	21.35	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Right	22.14	21.38	34.77	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	21.15	20.39	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Left	20.80	20.04	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Right	20.84	20.08	34.77	PASS
N71	15	10	DFT-64QAM	H	Outer_Full	20.72	19.96	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Left	18.29	17.53	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Right	18.33	17.57	34.77	PASS
N71	15	10	DFT-256QAM	H	Outer_Full	18.74	17.98	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.49	22.73	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.32	22.56	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Outer_Full	22.94	22.18	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Left	23.46	22.70	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Right	23.23	22.47	34.77	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	22.45	21.69	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Left	22.49	21.73	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Right	22.27	21.51	34.77	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	21.52	20.76	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Left	21.14	20.38	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Right	21.02	20.26	34.77	PASS
N71	15	15	DFT-64QAM	L	Outer_Full	21.03	20.27	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Left	18.49	17.73	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Right	18.40	17.64	34.77	PASS
N71	15	15	DFT-256QAM	L	Outer_Full	19.08	18.32	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.44	22.68	34.77	PASS



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N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.14	22.38	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	22.73	21.97	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Left	23.42	22.66	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Right	23.02	22.26	34.77	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	22.26	21.50	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Left	22.47	21.71	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Right	22.07	21.31	34.77	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	21.35	20.59	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Left	21.19	20.43	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Right	20.80	20.04	34.77	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	20.76	20.00	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Left	18.59	17.83	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Right	18.30	17.54	34.77	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	18.88	18.12	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.15	22.39	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.28	22.52	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Outer_Full	22.66	21.90	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Left	23.07	22.31	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Right	23.16	22.40	34.77	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	22.15	21.39	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Left	22.11	21.35	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Right	22.30	21.54	34.77	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	21.18	20.42	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Left	20.82	20.06	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Right	20.96	20.20	34.77	PASS
N71	15	15	DFT-64QAM	H	Outer_Full	20.71	19.95	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Left	18.28	17.52	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Right	18.35	17.59	34.77	PASS
N71	15	15	DFT-256QAM	H	Outer_Full	18.74	17.98	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.42	22.66	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.07	22.31	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	22.86	22.10	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Left	23.43	22.67	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Right	23.09	22.33	34.77	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	22.36	21.60	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Left	22.53	21.77	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Right	22.14	21.38	34.77	PASS



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N71	15	20	DFT-64QAM	L	Inner_1RB_Left	21.27	20.51	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Right	20.84	20.08	34.77	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	20.92	20.16	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Left	18.46	17.70	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Right	18.34	17.58	34.77	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	19.07	18.31	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.47	22.71	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.18	22.42	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	22.70	21.94	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Left	23.40	22.64	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Right	23.06	22.30	34.77	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	22.29	21.53	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Left	22.51	21.75	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Right	22.13	21.37	34.77	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	21.26	20.50	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Left	21.16	20.40	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Right	20.86	20.10	34.77	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	20.79	20.03	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Left	18.62	17.86	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Right	18.44	17.68	34.77	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	18.90	18.14	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.18	22.42	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.20	22.44	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	22.65	21.89	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Left	23.18	22.42	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Right	23.22	22.46	34.77	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	22.14	21.38	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Left	22.19	21.43	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Right	22.19	21.43	34.77	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	21.16	20.40	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Left	20.93	20.17	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Right	20.89	20.13	34.77	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	20.73	19.97	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Left	18.37	17.61	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Right	18.48	17.72	34.77	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	18.81	18.05	34.77	PASS



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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N71	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.35	≤13	PASS
N71	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.65	≤13	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.75	≤13	PASS
N71	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.21	≤13	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.71	≤13	PASS
N71	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.27	≤13	PASS



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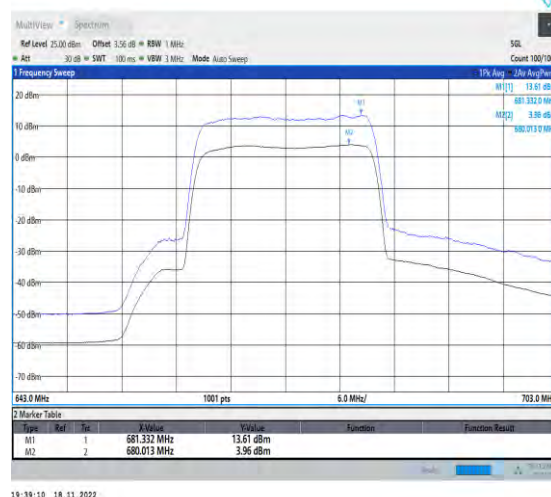
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Test Graphs



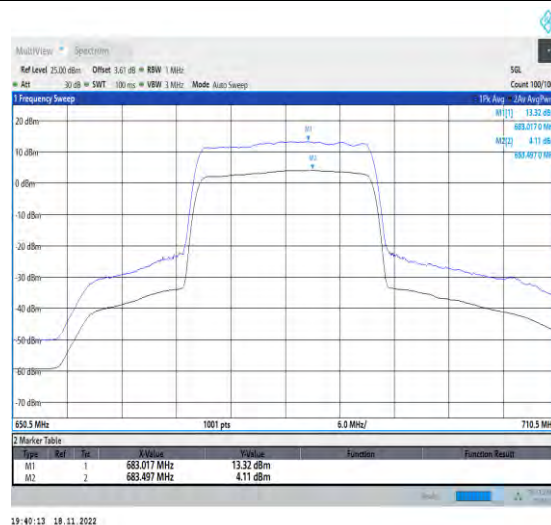
1-N71-PC3-15-20-L-1-DFT-256QAM-Outer_Full-100
@0-Ant1-8.35-100%-0.00-8.35-PASS-≤13



1-N71-PC3-15-20-L-2-CP-256QAM-Outer_Full-106
@0-Ant1-9.65-100%-0.00-9.65-PASS-≤13



1-N71-PC3-15-20-M-1-DFT-256QAM-Outer_Full-100
@0-Ant1-8.75-100%-0.00-8.75-PASS-≤13



1-N71-PC3-15-20-M-2-CP-256QAM-Outer_Full-106
@0-Ant1-9.21-100%-0.00-9.21-PASS-≤13



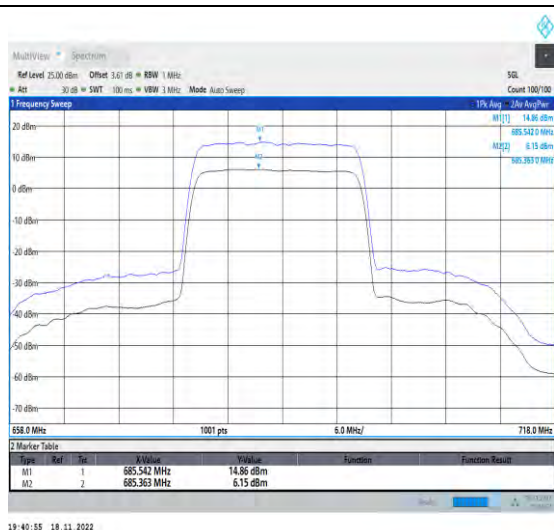
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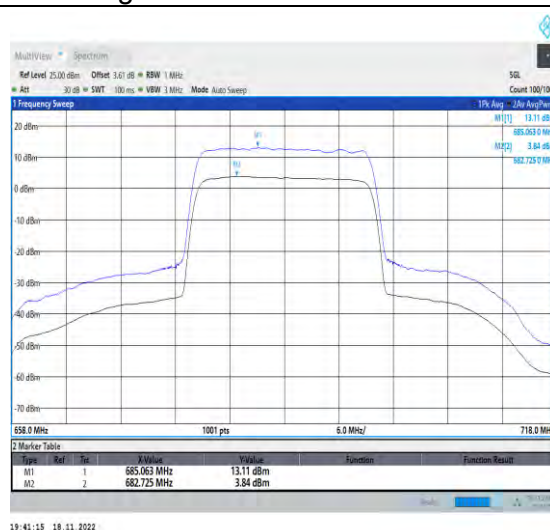
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1-N71-PC3-15-20-H-1-DFT-256QAM-Out_Full-100
@0-Ant1-8.71-100%-0.00-8.71-PASS≤13



1-N71-PC3-15-20-H-2-CP-256QAM-Out_Full-106
@0-Ant1-9.27-100%-0.00-9.27-PASS≤13



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Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N71	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N71	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N71	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N71	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N71	15	20	CP-256QAM	M	Outer_Full	see graph	PASS



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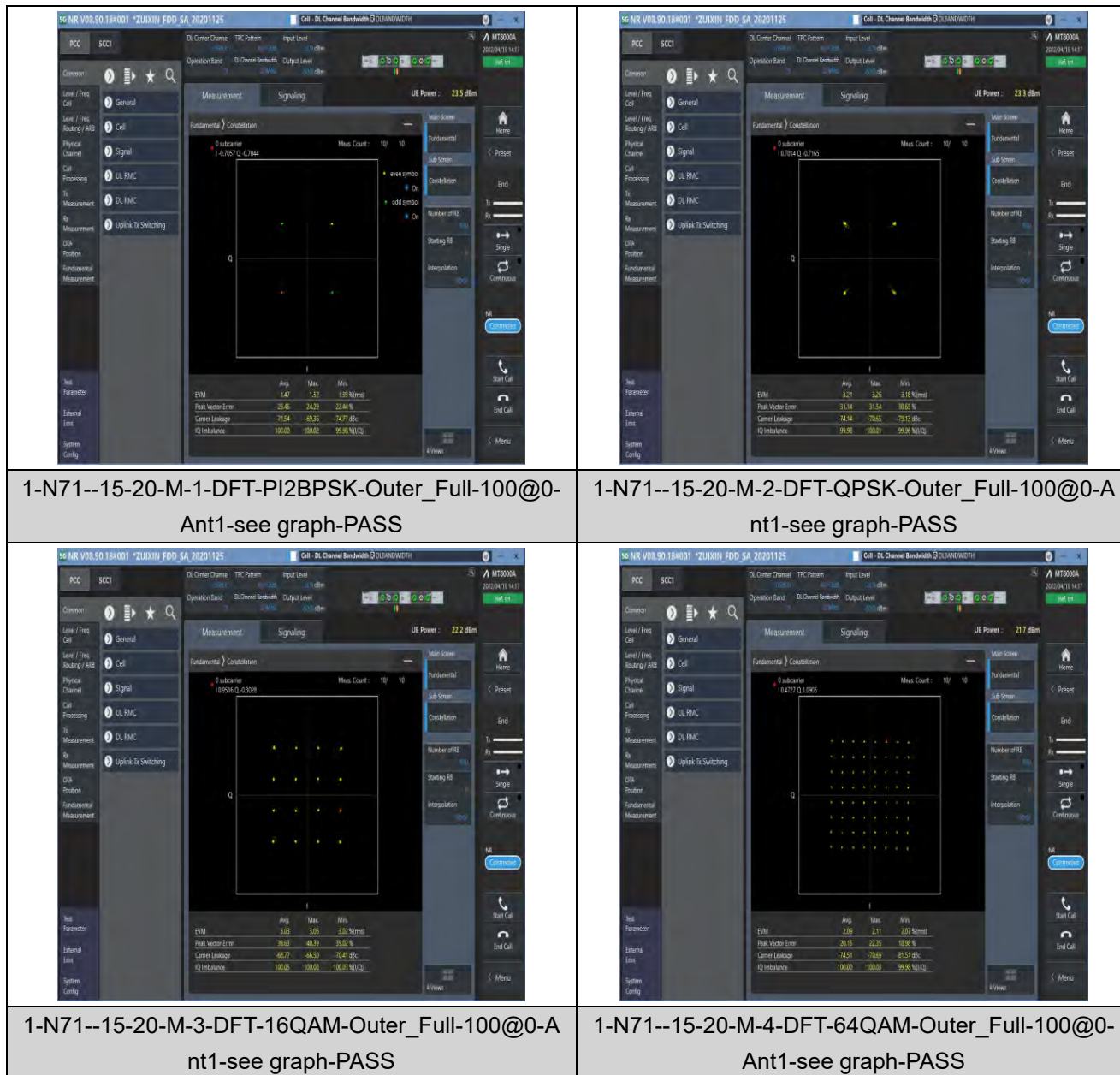
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Test Graphs



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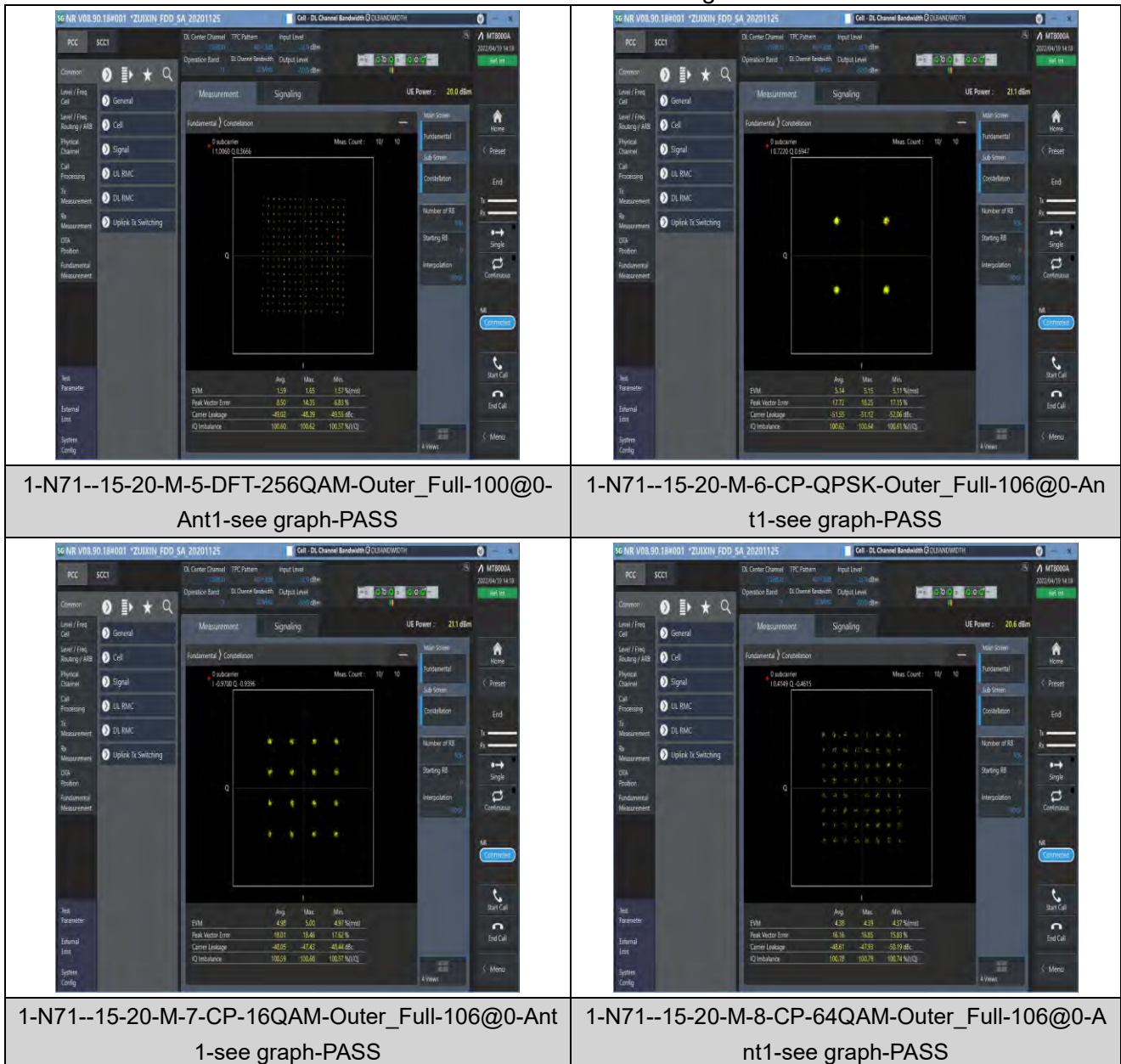
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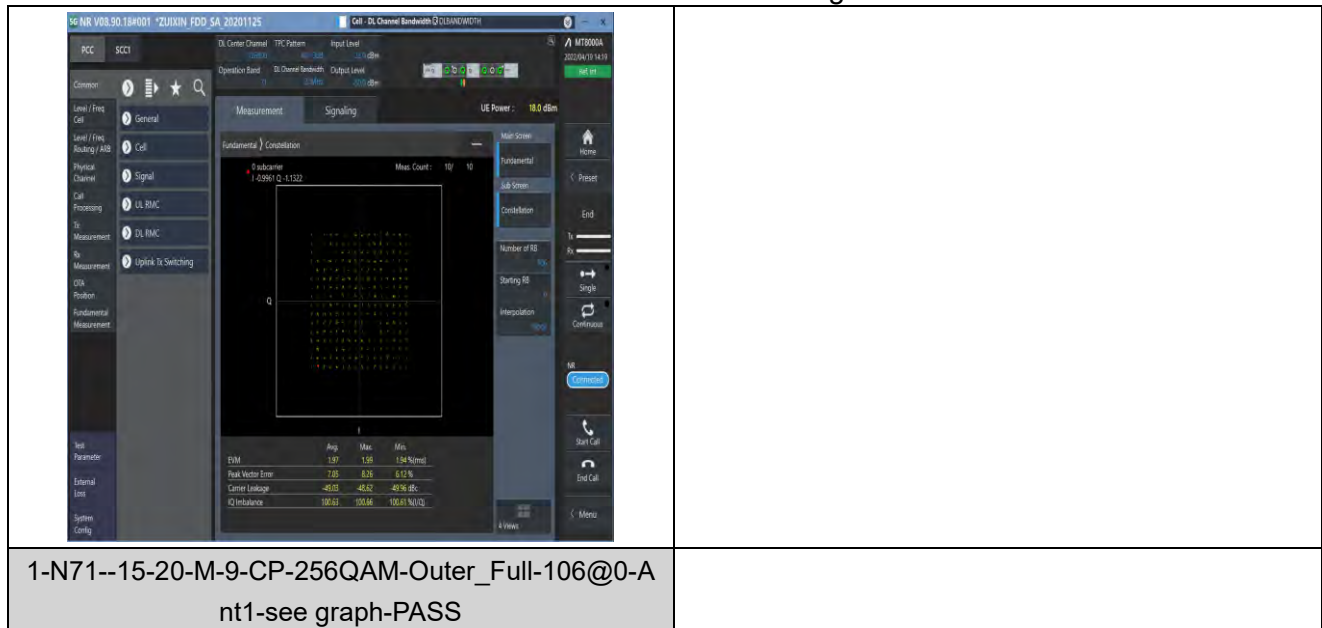
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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N71	15	5	DFT-QPSK	L	Outer_Full	4.468	4.860	PASS
N71	15	5	DFT-PI2BPSK	L	Outer_Full	4.483	5.040	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	4.479	5.000	PASS
N71	15	5	DFT-64QAM	L	Outer_Full	4.486	4.990	PASS
N71	15	5	DFT-256QAM	L	Outer_Full	4.478	4.920	PASS
N71	15	5	CP-QPSK	L	Outer_Full	4.482	5.010	PASS
N71	15	5	CP-16QAM	L	Outer_Full	4.476	4.990	PASS
N71	15	5	CP-64QAM	L	Outer_Full	4.489	4.980	PASS
N71	15	5	CP-256QAM	L	Outer_Full	4.487	5.080	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	4.48	5.060	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	4.472	4.890	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	4.48	4.980	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	4.467	4.960	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	4.481	5.120	PASS
N71	15	5	CP-QPSK	M	Outer_Full	4.472	5.070	PASS
N71	15	5	CP-16QAM	M	Outer_Full	4.507	5.230	PASS
N71	15	5	CP-64QAM	M	Outer_Full	4.484	5.050	PASS
N71	15	5	CP-256QAM	M	Outer_Full	4.473	5.100	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	4.481	4.860	PASS
N71	15	5	DFT-PI2BPSK	H	Outer_Full	4.469	4.880	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	4.474	4.960	PASS
N71	15	5	DFT-64QAM	H	Outer_Full	4.474	4.900	PASS
N71	15	5	DFT-256QAM	H	Outer_Full	4.492	5.000	PASS
N71	15	5	CP-QPSK	H	Outer_Full	4.481	5.150	PASS
N71	15	5	CP-16QAM	H	Outer_Full	4.496	5.210	PASS
N71	15	5	CP-64QAM	H	Outer_Full	4.48	5.020	PASS
N71	15	5	CP-256QAM	H	Outer_Full	4.478	5.000	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	8.913	9.600	PASS
N71	15	10	DFT-PI2BPSK	L	Outer_Full	8.899	9.540	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	8.935	9.620	PASS
N71	15	10	DFT-64QAM	L	Outer_Full	8.917	9.560	PASS
N71	15	10	DFT-256QAM	L	Outer_Full	8.897	9.560	PASS



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N71	15	10	CP-QPSK	L	Outer_Full	9.239	10.080	PASS
N71	15	10	CP-16QAM	L	Outer_Full	9.243	9.920	PASS
N71	15	10	CP-64QAM	L	Outer_Full	9.252	9.880	PASS
N71	15	10	CP-256QAM	L	Outer_Full	9.254	9.820	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	8.905	9.600	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	8.877	9.500	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	8.931	9.600	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	8.892	9.660	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	8.922	9.580	PASS
N71	15	10	CP-QPSK	M	Outer_Full	9.26	9.980	PASS
N71	15	10	CP-16QAM	M	Outer_Full	9.276	10.060	PASS
N71	15	10	CP-64QAM	M	Outer_Full	9.276	9.800	PASS
N71	15	10	CP-256QAM	M	Outer_Full	9.259	9.960	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	8.925	9.460	PASS
N71	15	10	DFT-PI2BPSK	H	Outer_Full	8.907	9.580	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	8.941	9.580	PASS
N71	15	10	DFT-64QAM	H	Outer_Full	8.927	9.640	PASS
N71	15	10	DFT-256QAM	H	Outer_Full	8.915	9.740	PASS
N71	15	10	CP-QPSK	H	Outer_Full	9.256	10.100	PASS
N71	15	10	CP-16QAM	H	Outer_Full	9.267	10.120	PASS
N71	15	10	CP-64QAM	H	Outer_Full	9.284	9.920	PASS
N71	15	10	CP-256QAM	H	Outer_Full	9.3	10.020	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	13.414	14.370	PASS
N71	15	15	DFT-PI2BPSK	L	Outer_Full	13.41	14.280	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	13.428	14.520	PASS
N71	15	15	DFT-64QAM	L	Outer_Full	13.411	14.340	PASS
N71	15	15	DFT-256QAM	L	Outer_Full	13.405	14.160	PASS
N71	15	15	CP-QPSK	L	Outer_Full	14.073	14.970	PASS
N71	15	15	CP-16QAM	L	Outer_Full	14.077	14.970	PASS
N71	15	15	CP-64QAM	L	Outer_Full	14.1	15.060	PASS
N71	15	15	CP-256QAM	L	Outer_Full	14.078	15.090	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	13.413	14.340	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	13.441	14.370	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	13.423	14.220	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	13.403	14.310	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	13.414	14.400	PASS
N71	15	15	CP-QPSK	M	Outer_Full	14.076	14.850	PASS



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N71	15	15	CP-16QAM	M	Outer_Full	14.08	14.940	PASS
N71	15	15	CP-64QAM	M	Outer_Full	14.136	15.090	PASS
N71	15	15	CP-256QAM	M	Outer_Full	14.071	15.150	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	13.429	14.220	PASS
N71	15	15	DFT-PI2BPSK	H	Outer_Full	13.43	14.370	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	13.433	14.430	PASS
N71	15	15	DFT-64QAM	H	Outer_Full	13.436	14.280	PASS
N71	15	15	DFT-256QAM	H	Outer_Full	13.445	14.310	PASS
N71	15	15	CP-QPSK	H	Outer_Full	14.124	15.030	PASS
N71	15	15	CP-16QAM	H	Outer_Full	14.137	15.090	PASS
N71	15	15	CP-64QAM	H	Outer_Full	14.131	14.940	PASS
N71	15	15	CP-256QAM	H	Outer_Full	14.127	15.270	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	17.868	18.720	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	17.791	18.640	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	17.869	18.720	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	17.847	18.880	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	17.839	18.800	PASS
N71	15	20	CP-QPSK	L	Outer_Full	18.812	19.880	PASS
N71	15	20	CP-16QAM	L	Outer_Full	18.831	19.640	PASS
N71	15	20	CP-64QAM	L	Outer_Full	18.899	19.800	PASS
N71	15	20	CP-256QAM	L	Outer_Full	19	19.880	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	17.862	18.880	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	17.858	18.600	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	17.854	18.680	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	17.86	18.960	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	17.87	18.640	PASS
N71	15	20	CP-QPSK	M	Outer_Full	18.893	20.040	PASS
N71	15	20	CP-16QAM	M	Outer_Full	18.922	19.800	PASS
N71	15	20	CP-64QAM	M	Outer_Full	18.93	19.840	PASS
N71	15	20	CP-256QAM	M	Outer_Full	18.881	19.840	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	17.825	18.720	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	17.837	18.600	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	17.807	18.840	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	17.8	18.760	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	17.842	18.600	PASS
N71	15	20	CP-QPSK	H	Outer_Full	18.873	19.840	PASS
N71	15	20	CP-16QAM	H	Outer_Full	18.892	19.960	PASS



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N71	15	20	CP-64QAM	H	Outer_Full	18.894	19.920	PASS
N71	15	20	CP-256QAM	H	Outer_Full	18.893	19.800	PASS



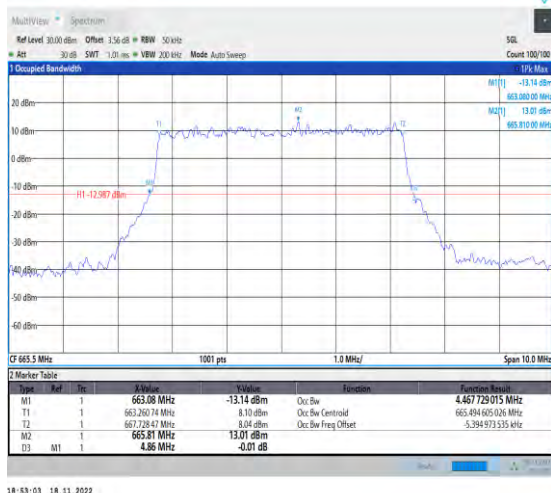
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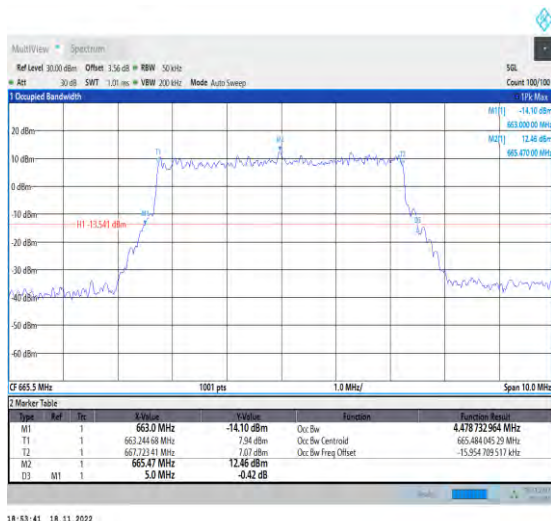
Test Graphs



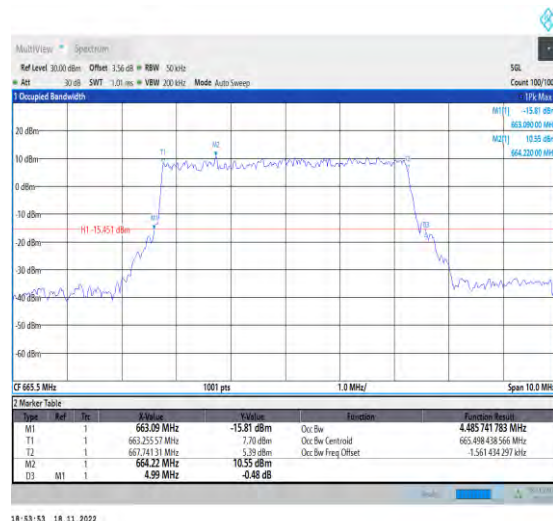
1-N71-PC3-15-5-L-1-DFT-QPSK-Outet_Full-25@0-A
nt1-4.468-4.860-≤5-PASS



1-N71-PC3-15-5-L-2-DFT-PI2BPSK-Outet_Full-25@0-Ant1-4.483-5.040-≤5-PASS



1-N71-PC3-15-5-L-3-DFT-16QAM-Outet_Full-25@0-Ant1-4.479-5.000-≤5-PASS



1-N71-PC3-15-5-L-4-DFT-64QAM-Outet_Full-25@0-Ant1-4.486-4.990-≤5-PASS



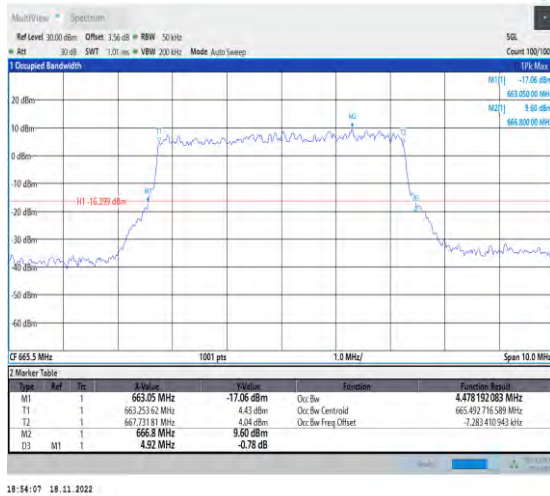
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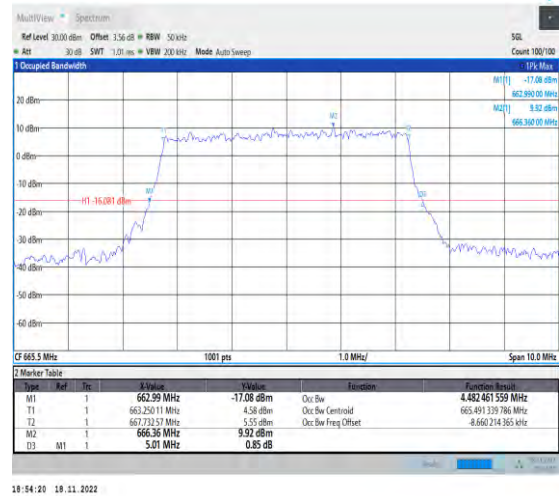
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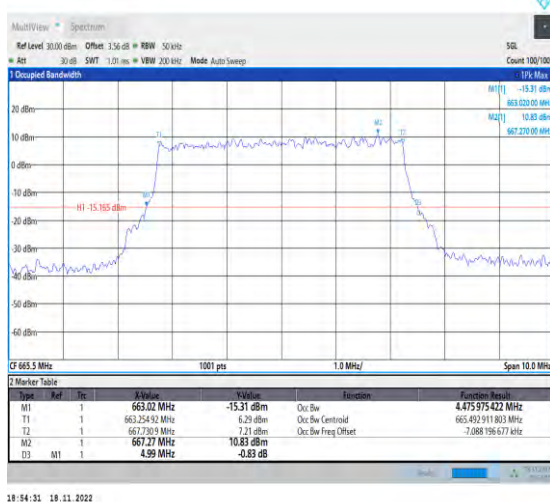
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1-N71-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.478-4.920-≤5-PASS



18:54:20 18.11.2022

1-N71-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-An t1-4.482-5.010-≤5-PASS



18:54:31 18.11.2022

1-N71-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.476-4.990-≤5-PASS



18:54:41 18.11.2022

1-N71-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.489-4.980-≤5-PASS



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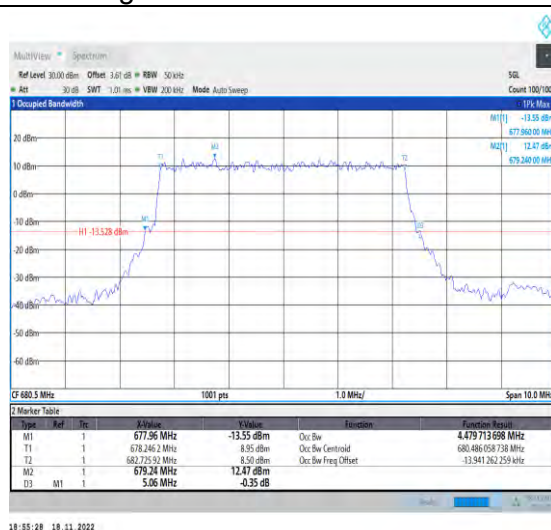
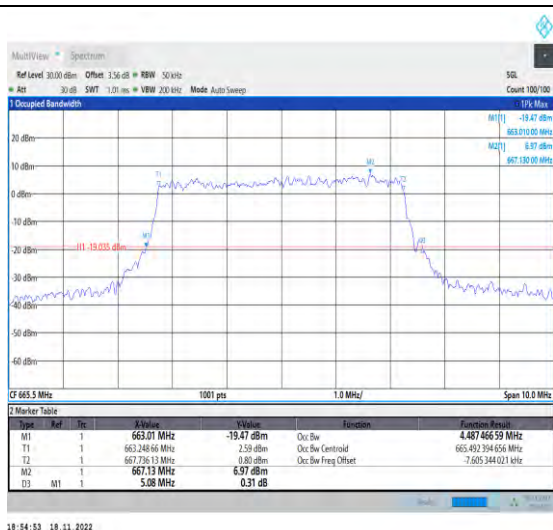
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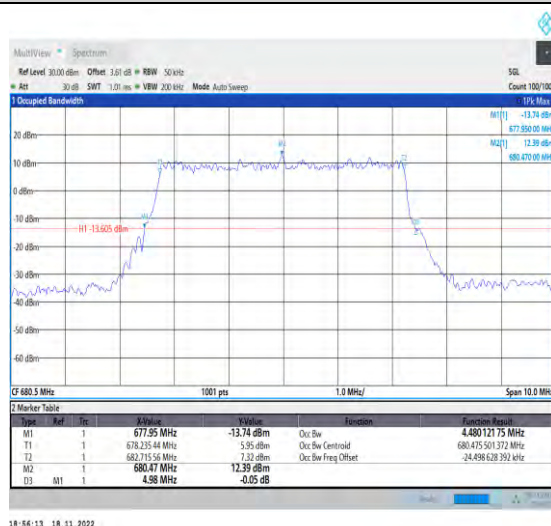
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1-N71-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.487-5.080-≤5-PASS

1-N71-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.48-5.060-≤5-PASS



1-N71-PC3-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.472-4.890-≤5-PASS

1-N71-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.48-4.980-≤5-PASS



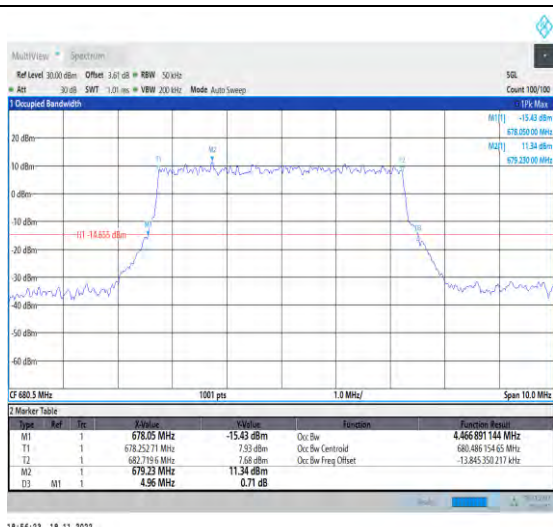
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18:54:23 18.11.2022

1-N71-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0
-Ant1-4.467-4.960-≤5-PASS



18:56:37 18.11.2022

1-N71-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0
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18:56:51 18.11.2022

1-N71-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-A
nt1-4.472-5.070-≤5-PASS



18:57:02 18.11.2022

1-N71-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-
Ant1-4.507-5.230-≤5-PASS



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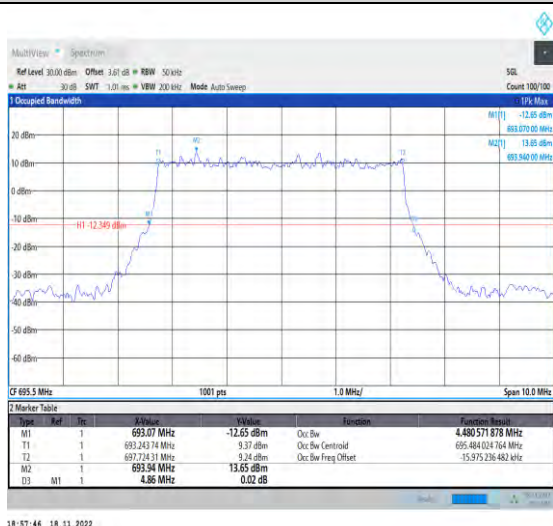
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Ant1-4.484-5.050-≤5-PASS

1-N71-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-
-Ant1-4.473-5.100-≤5-PASS



1-N71-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-
Ant1-4.481-4.860-≤5-PASS

1-N71-PC3-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-
Ant1-4.469-4.880-≤5-PASS



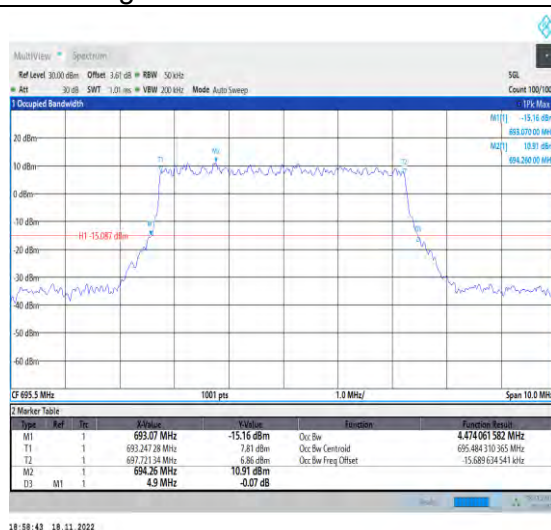
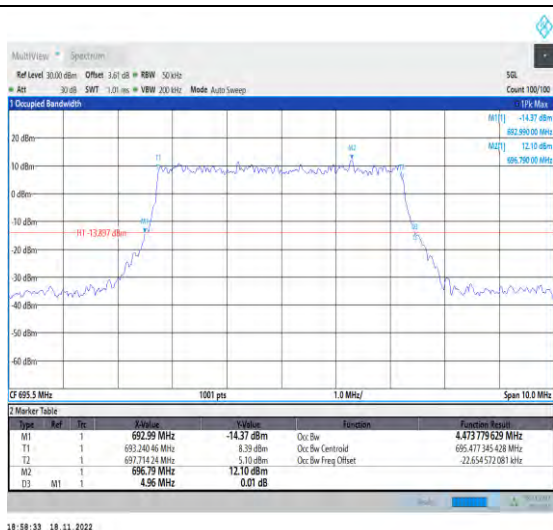
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1-N71-PC3-15-5-H-3-DFT-16QAM-Outer_Full-25@0
-Ant1-4.474-4.960-≤5-PASS

1-N71-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-A
Ant1-4.474-4.900-≤5-PASS



1-N71-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.492-5.000-≤5-PASS

1-N71-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-A
nt1-4.481-5.150-≤5-PASS



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1-N71-PC3-15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-4.496-5.210-≤5-PASS

1-N71-PC3-15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.48-5.020-≤5-PASS



1-N71-PC3-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.478-5.000-≤5-PASS

1-N71-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.913-9.600-≤10-PASS



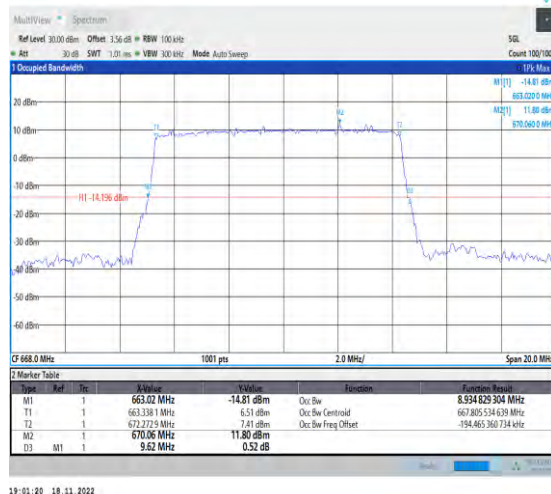
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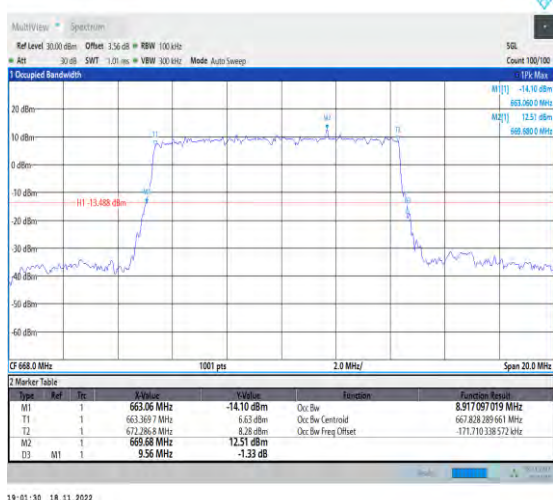
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1-N71-PC3-15-10-L-4-DFT-64QAM-Outer_Full-50@
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1-N71-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50
@0-Ant1-8.897-9.560-≤10-PASS



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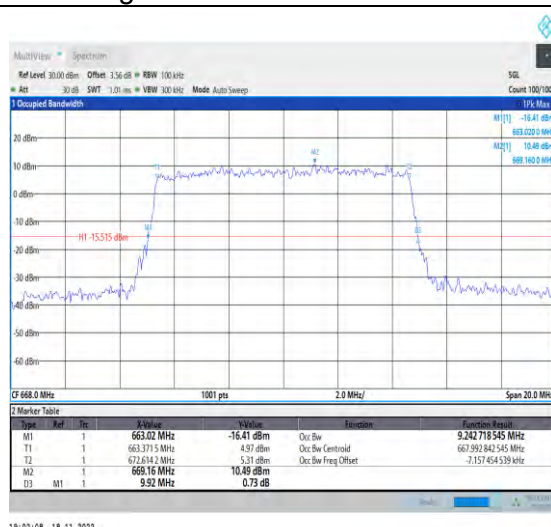
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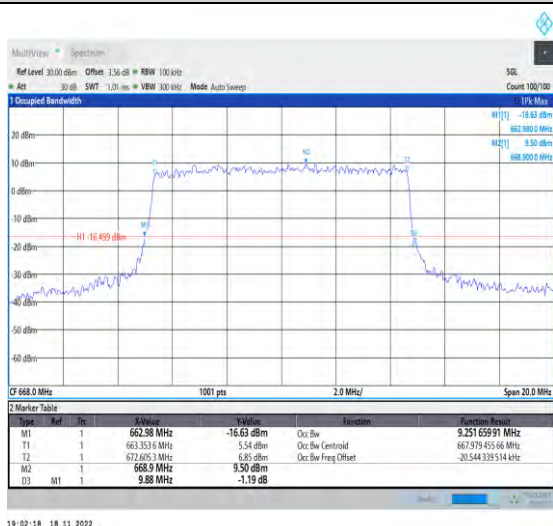
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1-N71-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9.243-9.920-≤10-PASS



19-02:18 19.11.2022



19-02:30 19.11.2022

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1-N71-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.254-9.820-≤10-PASS



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1-N71-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.905-9.600-≤10-PASS

1-N71-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.877-9.500-≤10-PASS



1-N71-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.931-9.600-≤10-PASS

1-N71-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.892-9.660-≤10-PASS



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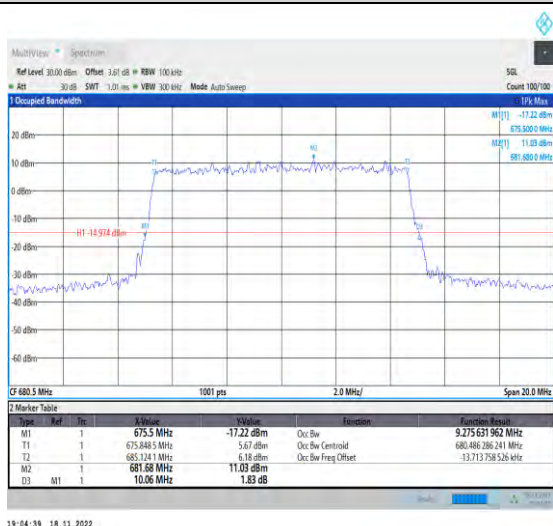
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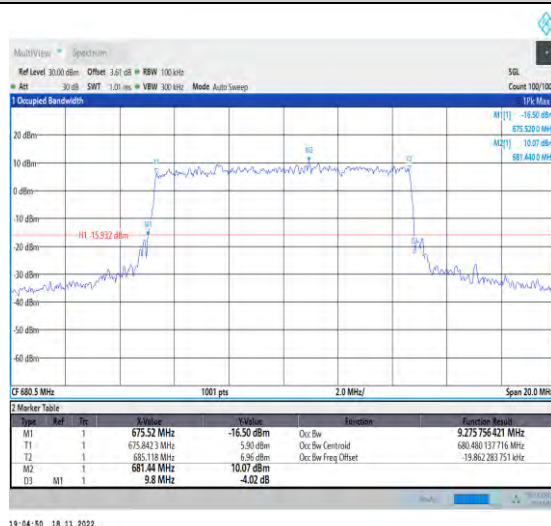
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19:04:39 19.11.2022



19:04:50 19.11.2022

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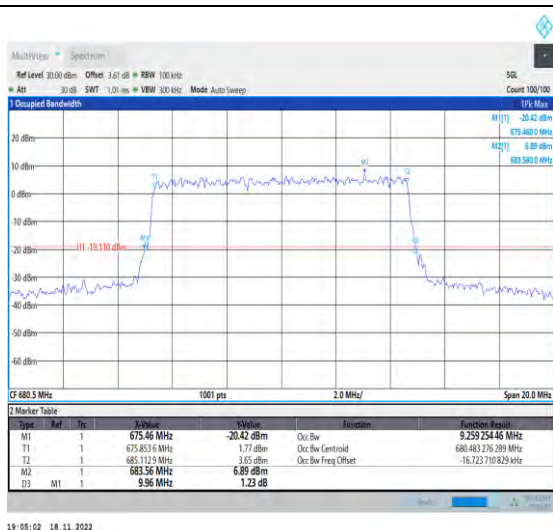
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1-N71-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@
0-Ant1-9.259-9.960-≤10-PASS

1-N71-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-
Ant1-8.925-9.460-≤10-PASS



1-N71-PC3-15-10-H-2-DFT-PI2BPSK-Outer_Full-50
@0-Ant1-8.907-9.580-≤10-PASS

1-N71-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@
0-Ant1-8.941-9.580-≤10-PASS



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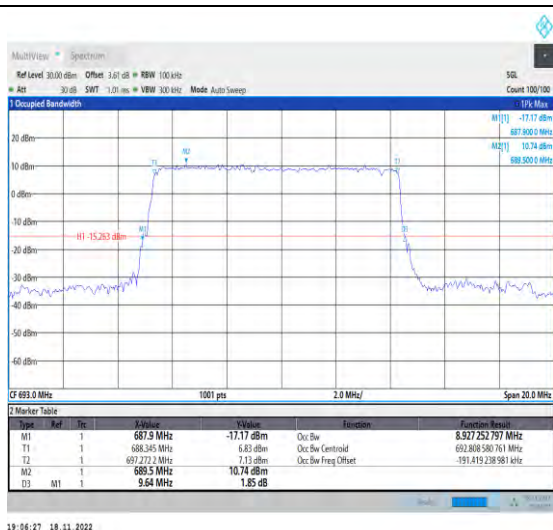
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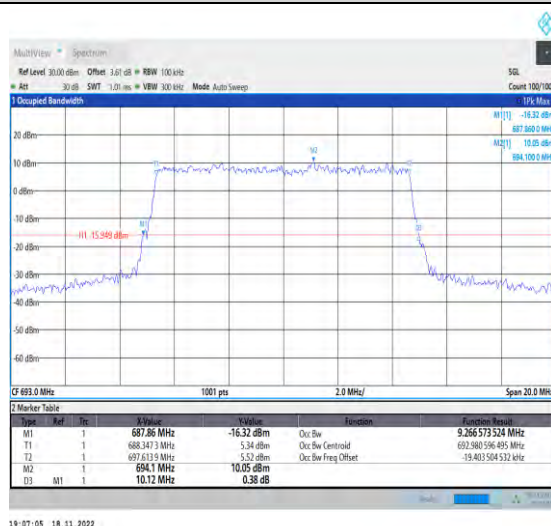
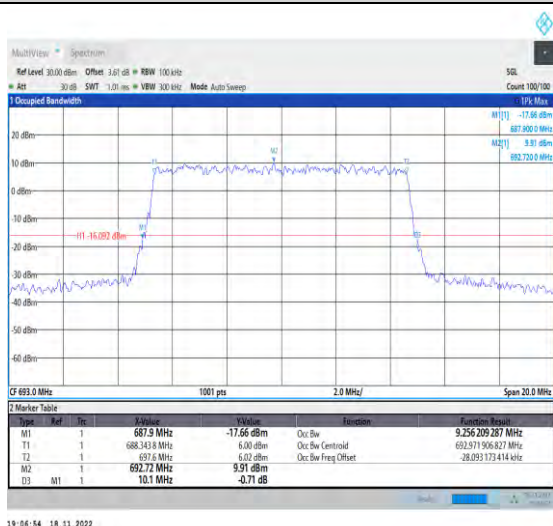
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1-N71-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50
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1-N71-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-
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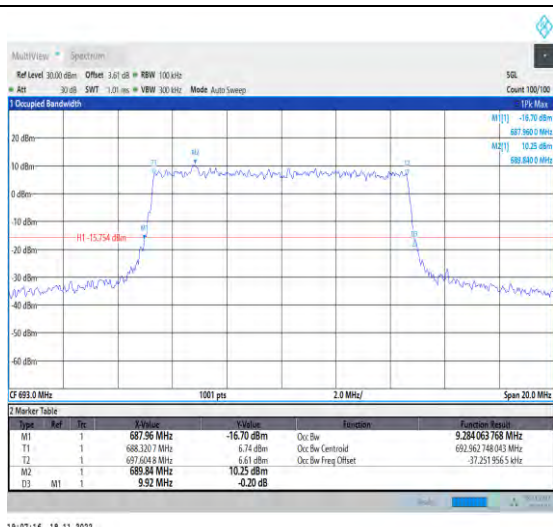
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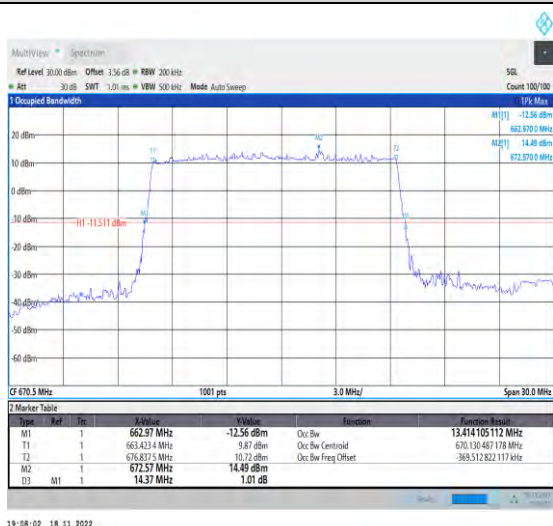
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19-07-28 18.11.2022

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19-08-02 18.11.2022

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19-08-19 18.11.2022

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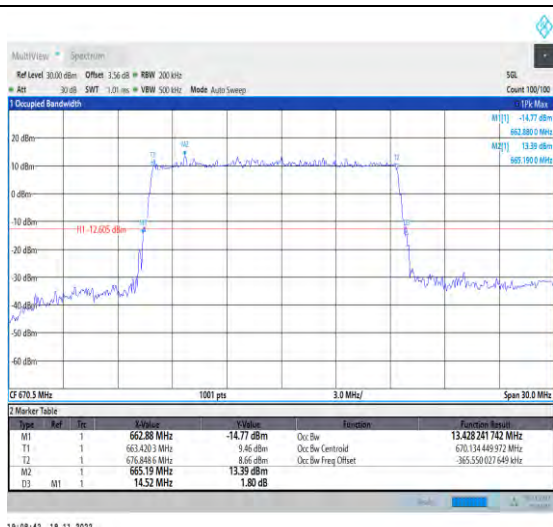
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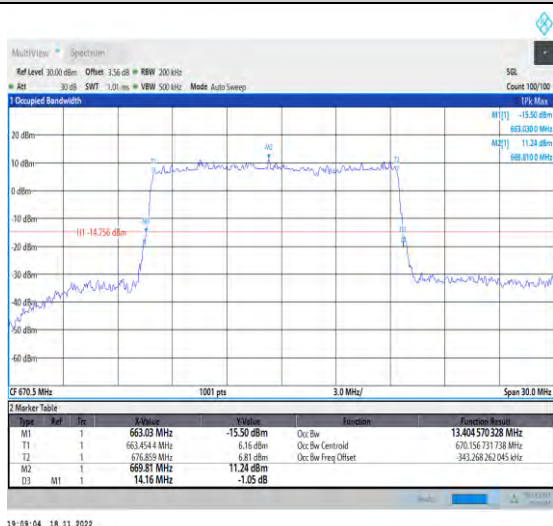
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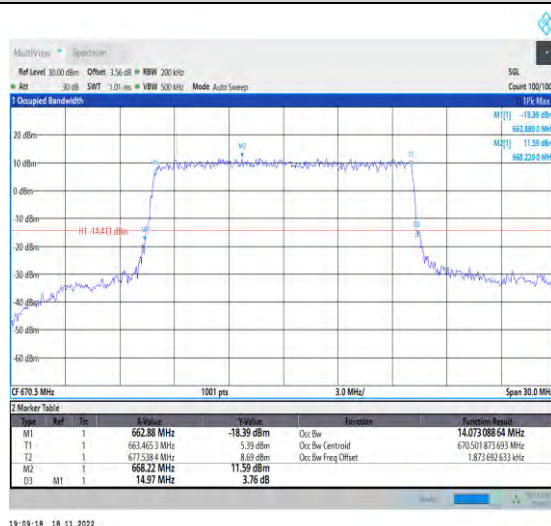
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0-Ant1-13.411-14.340-≤15-PASS



19:09:04 19.11.2022

1-N71-PC3-15-15-L-5-DFT-256QAM-Outer_Full-75
@0-Ant1-13.405-14.160-≤15-PASS



19:09:18 19.11.2022

1-N71-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-A
nt1-14.073-14.970-≤15-PASS



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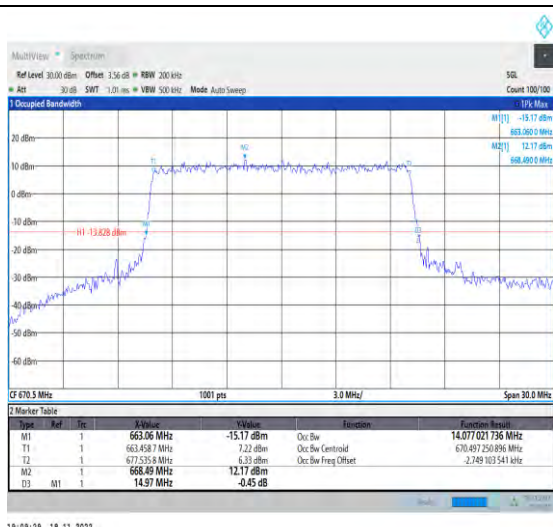
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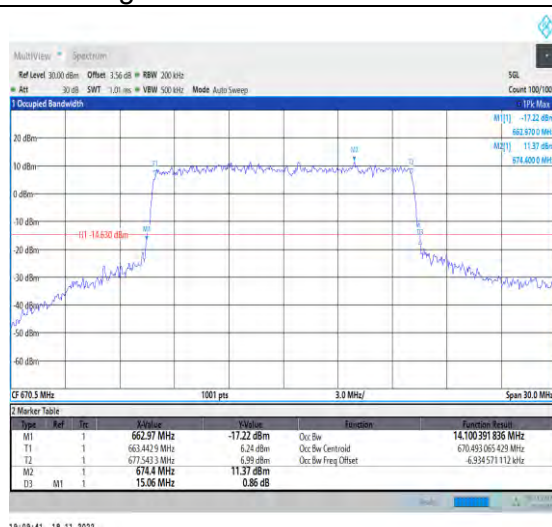
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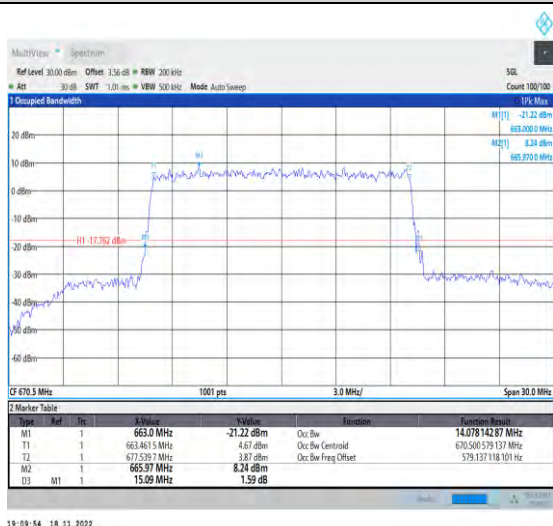
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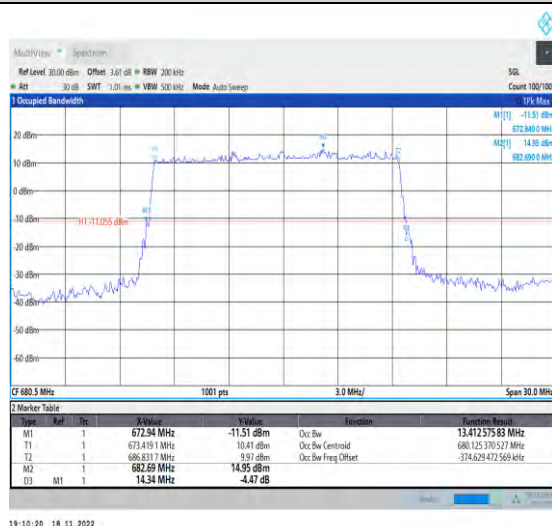
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19:09:54 18.11.2022

1-N71-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant1-14.078-15.090-≤15-PASS



19:10:20 18.11.2022

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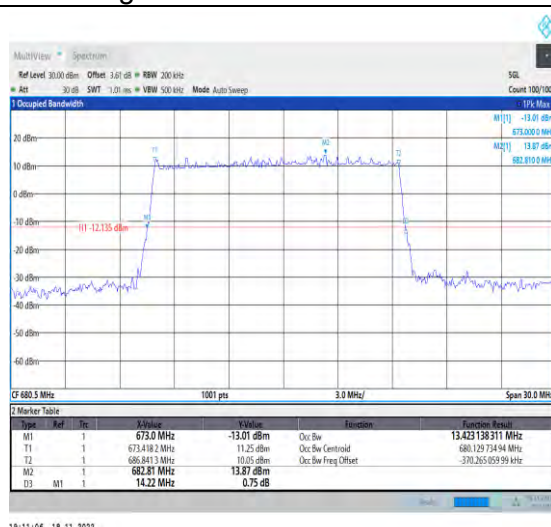
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1-N71-PC3-15-15-M-2-DFT-PI2BPSK-Outer_Full-75
@0-Ant1-13.441-14.370-≤15-PASS

1-N71-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@
0-Ant1-13.423-14.220-≤15-PASS



1-N71-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@
0-Ant1-13.403-14.310-≤15-PASS

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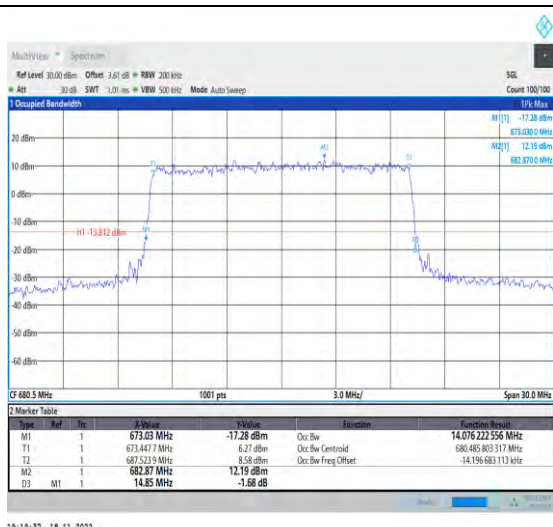
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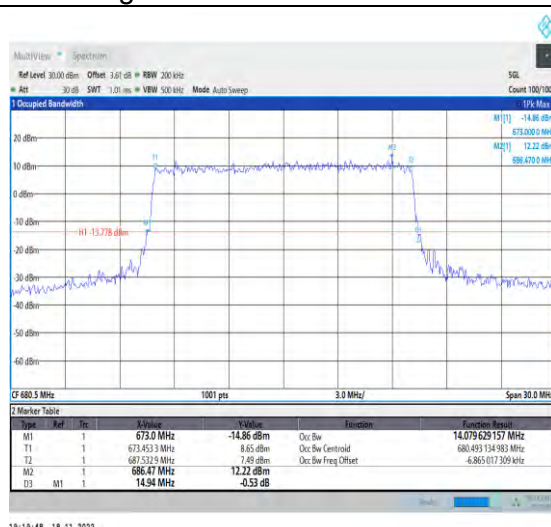
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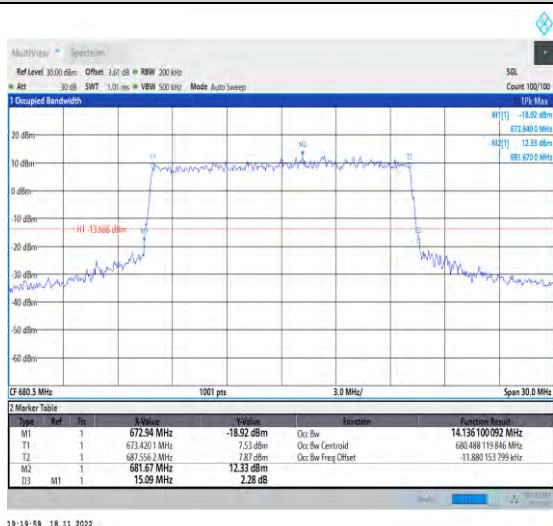
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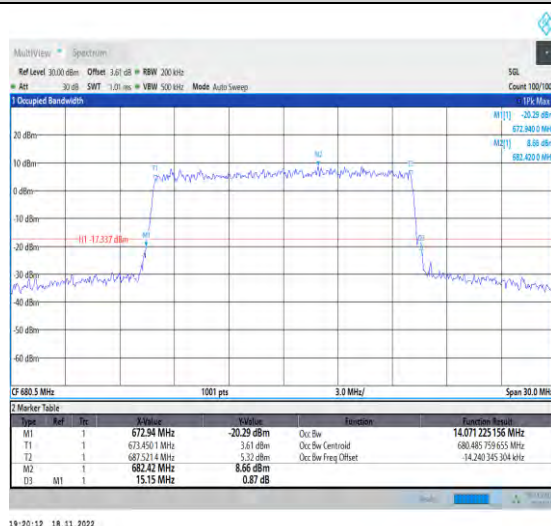
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1-N71-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-14.08-14.940-≤15-PASS



19:19:59 19.11.2022



19:20:12 19.11.2022

1-N71-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-14.136-15.090-≤15-PASS

1-N71-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.071-15.150-≤15-PASS



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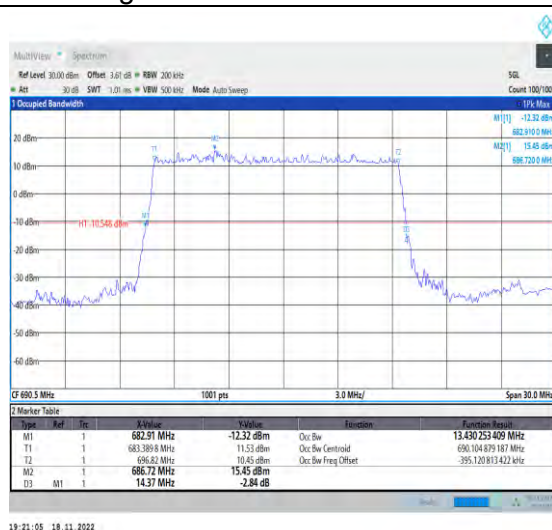
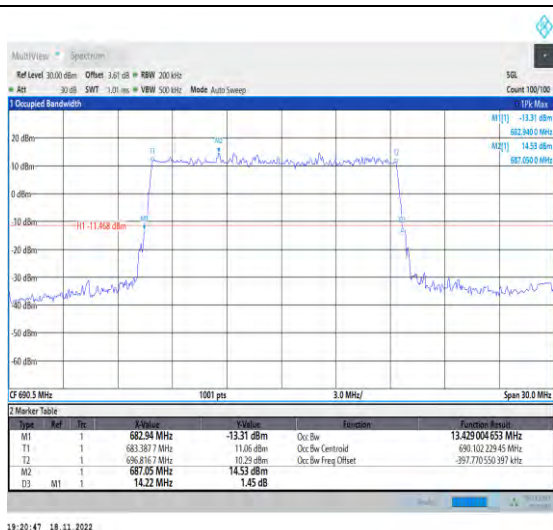
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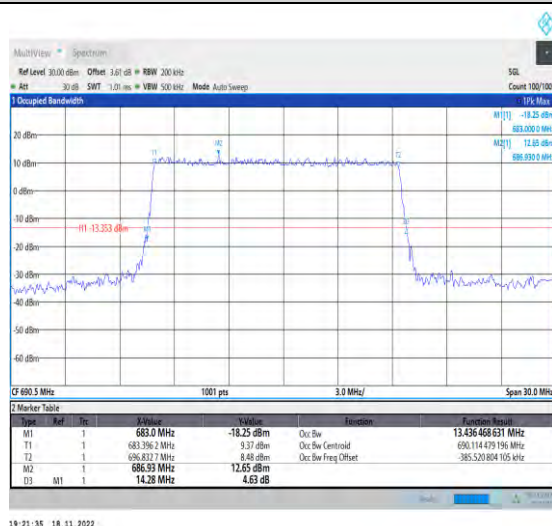
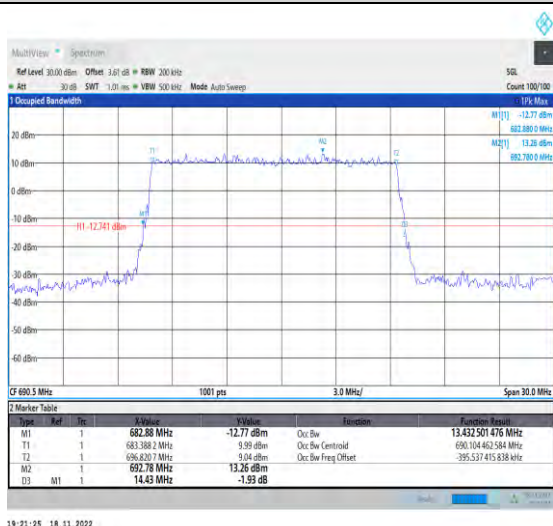
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1-N71-PC3-15-15-H-1-DFT-QPSK-Outer_Full-75@0
-Ant1-13.429-14.220-≤15-PASS

1-N71-PC3-15-15-H-2-DFT-PI2BPSK-Outer_Full-75
@0-Ant1-13.43-14.370-≤15-PASS



1-N71-PC3-15-15-H-3-DFT-16QAM-Outer_Full-75@
0-Ant1-13.433-14.430-≤15-PASS

1-N71-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@
0-Ant1-13.436-14.280-≤15-PASS



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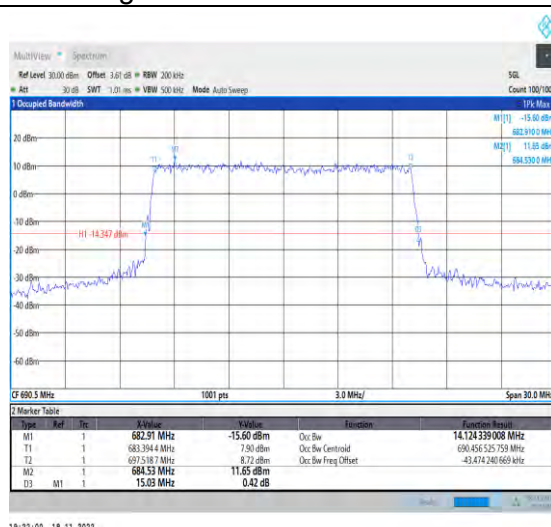
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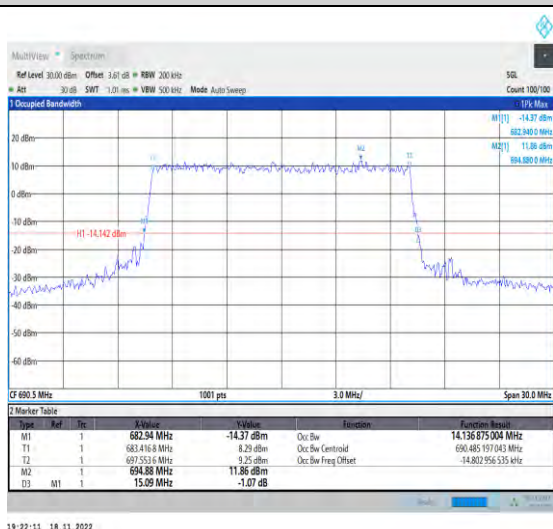
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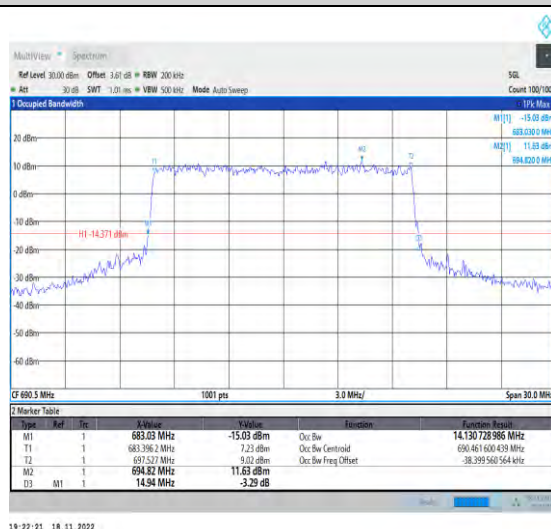
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1-N71-PC3-15-15-H-6-CP-QPSK-Outet_Full-79@0-Ant1-14.124-15.030-≤15-PASS



19:22:11 19.11.2022



19:22:21 19.11.2022

1-N71-PC3-15-15-H-7-CP-16QAM-Outet_Full-79@0-Ant1-14.137-15.090-≤15-PASS

1-N71-PC3-15-15-H-8-CP-64QAM-Outet_Full-79@0-Ant1-14.131-14.940-≤15-PASS



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1-N71-PC3-15-15-H-9-CP-256QAM-Outer_Full-79@
0-Ant1-14.127-15.270-≤15-PASS

1-N71-PC3-15-20-L-1-DFT-QPSK-Outer_Full-100@0
-Ant1-17.868-18.720-≤20-PASS



1-N71-PC3-15-20-L-2-DFT-PI2BPSK-Outer_Full-100
@0-Ant1-17.791-18.640-≤20-PASS

1-N71-PC3-15-20-L-3-DFT-16QAM-Outer_Full-100
@0-Ant1-17.869-18.720-≤20-PASS



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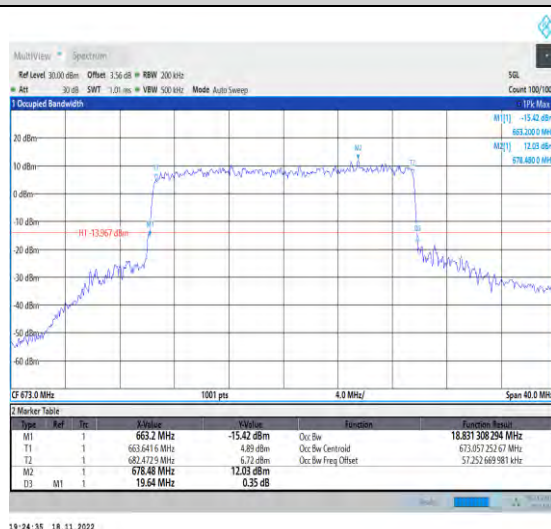
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1-N71-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100
@0-Ant1-17.847-18.880-≤20-PASS

1-N71-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100
@0-Ant1-17.839-18.800-≤20-PASS



1-N71-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-18.812-19.880-≤20-PASS

1-N71-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1-18.831-19.640-≤20-PASS



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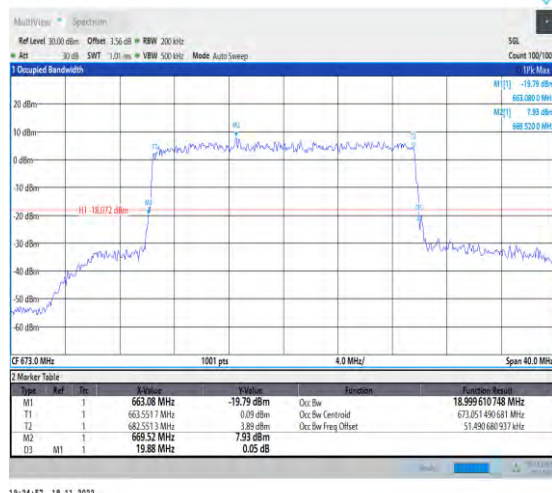
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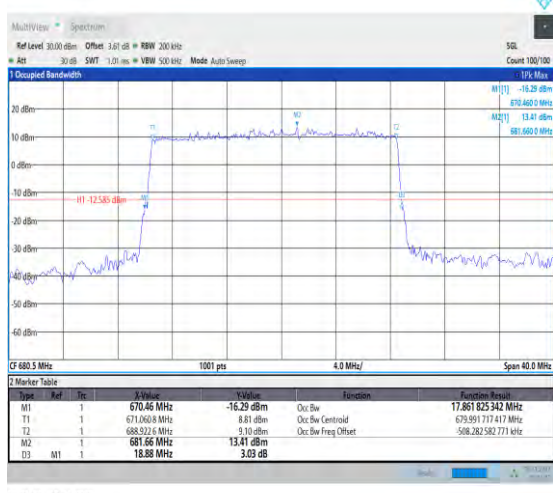
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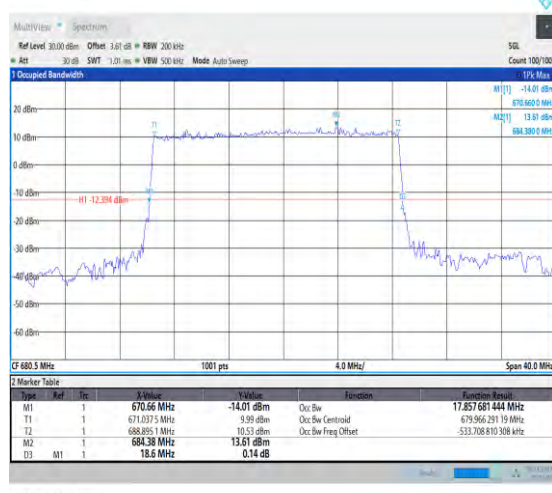
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1-N71-PC3-15-20-L-9-CP-256QAM-Outer_Full-106
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19:25:23 19.11.2022

1-N71-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@
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19:25:42 19.11.2022

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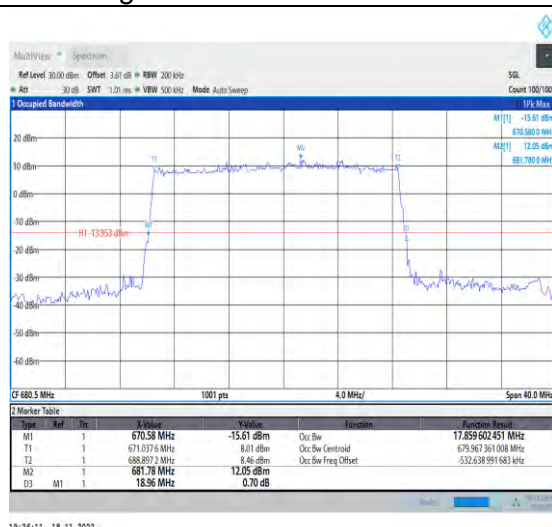
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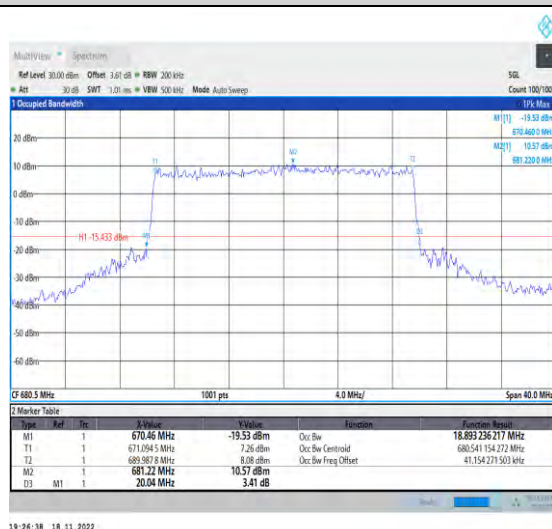
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1-N71-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100
@0-Ant1-17.854-18.680-≤20-PASS

1-N71-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100
@0-Ant1-17.86-18.960-≤20-PASS



1-N71-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100
@0-Ant1-17.87-18.640-≤20-PASS

1-N71-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0
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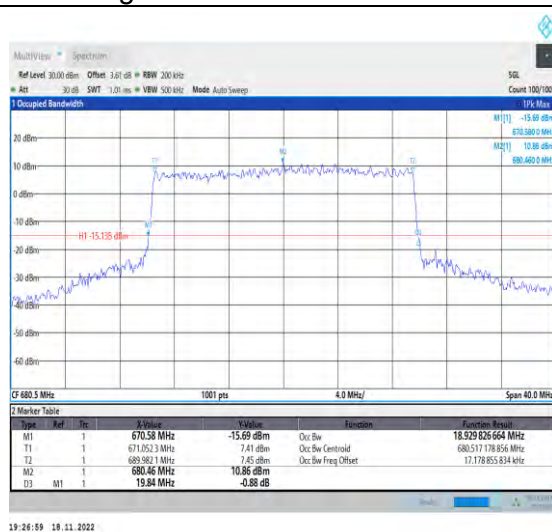
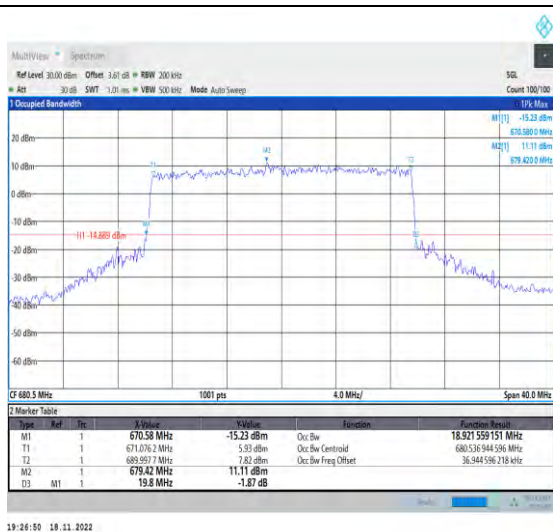
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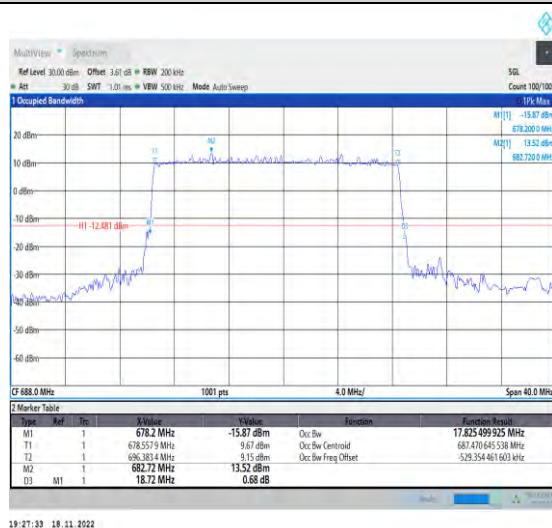
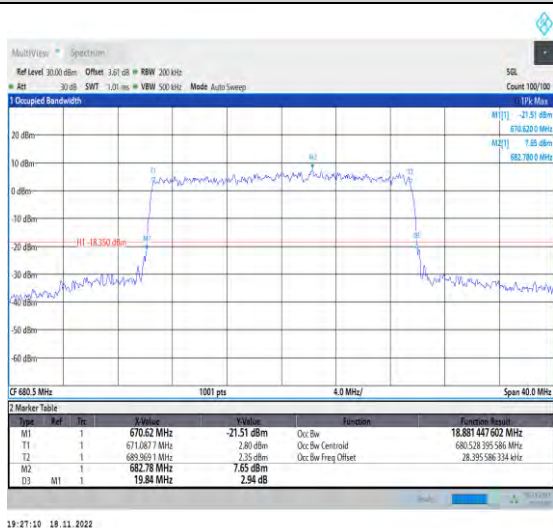
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1-N71-PC3-15-20-M-7-CP-16QAM-Outet_Full-106@
0-Ant1-18.922-19.800-≤20-PASS

1-N71-PC3-15-20-M-8-CP-64QAM-Outet_Full-106@
0-Ant1-18.93-19.840-≤20-PASS



1-N71-PC3-15-20-M-9-CP-256QAM-Outet_Full-106
@0-Ant1-18.881-19.840-≤20-PASS

1-N71-PC3-15-20-M-1-DFT-QPSK-Outet_Full-100@
0-Ant1-17.825-18.720-≤20-PASS



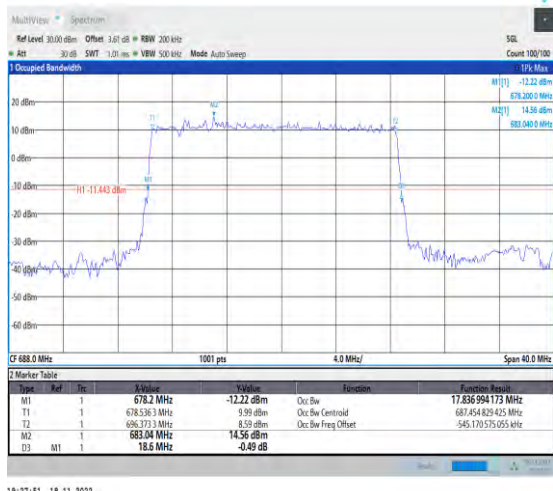
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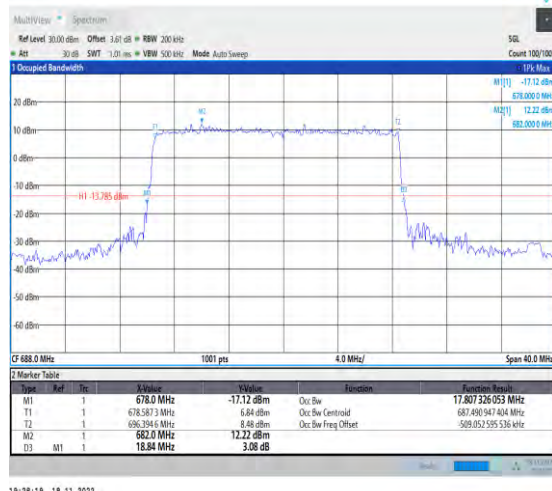
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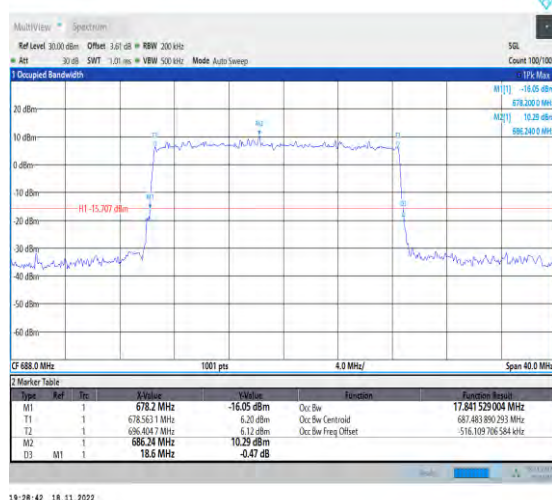
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1-N71-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.807-18.840-≤20-PASS



19:29:30 19.11.2022



19:29:42 19.11.2022

1-N71-PC3-15-20-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.8-18.760-≤20-PASS

1-N71-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.842-18.600-≤20-PASS



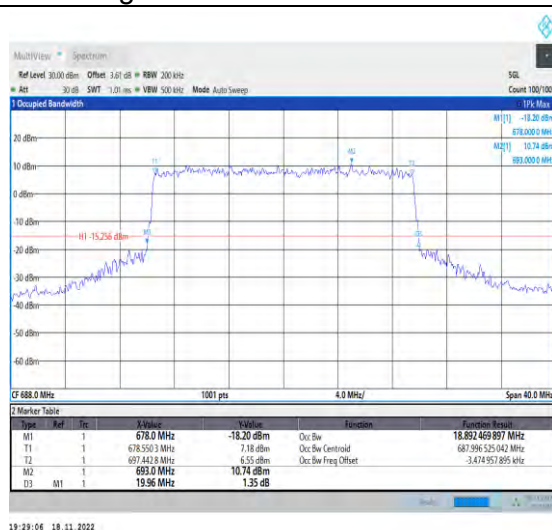
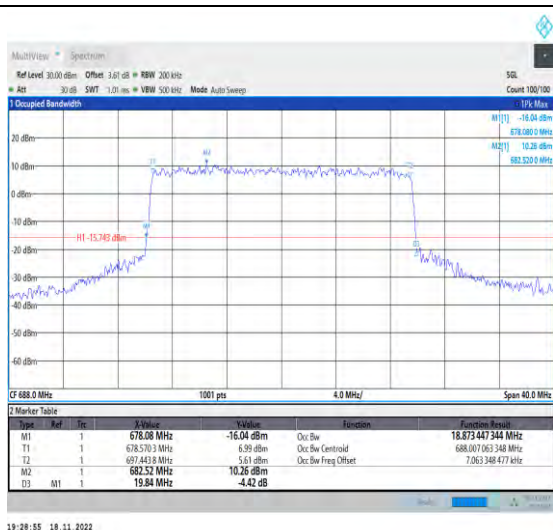
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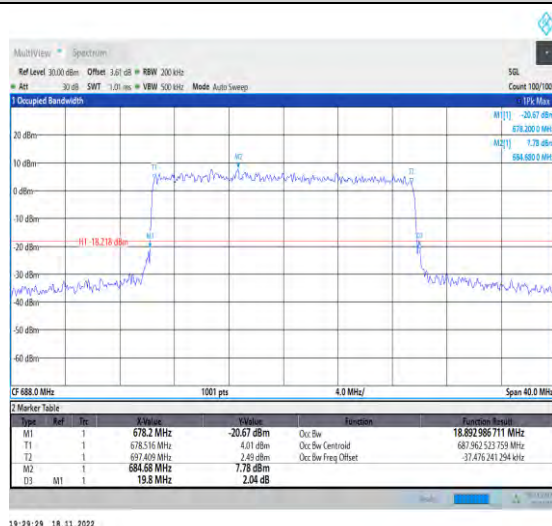
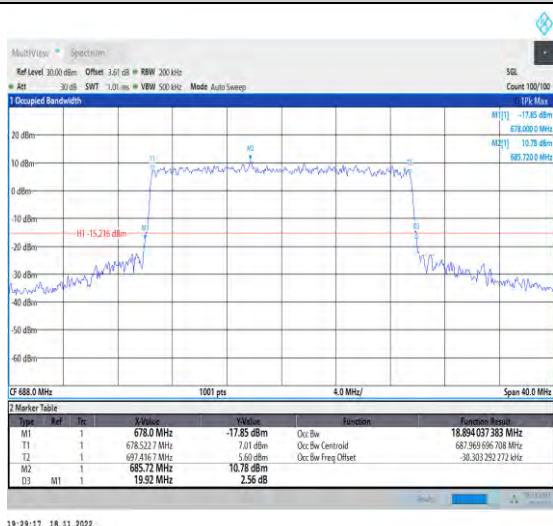
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1-N71-PC3-15-20-H-6-CP-QPSK-Outter_Full-106@0-Ant1-18.873-19.840-≤20-PASS

1-N71-PC3-15-20-H-7-CP-16QAM-Outter_Full-106@0-Ant1-18.892-19.960-≤20-PASS



1-N71-PC3-15-20-H-8-CP-64QAM-Outter_Full-106@0-Ant1-18.894-19.920-≤20-PASS

1-N71-PC3-15-20-H-9-CP-256QAM-Outter_Full-106@0-Ant1-18.893-19.800-≤20-PASS



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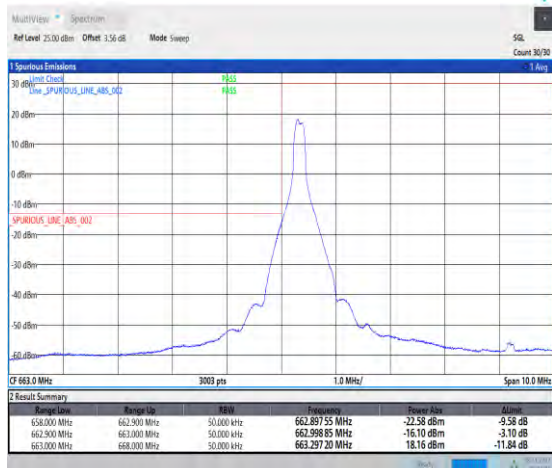
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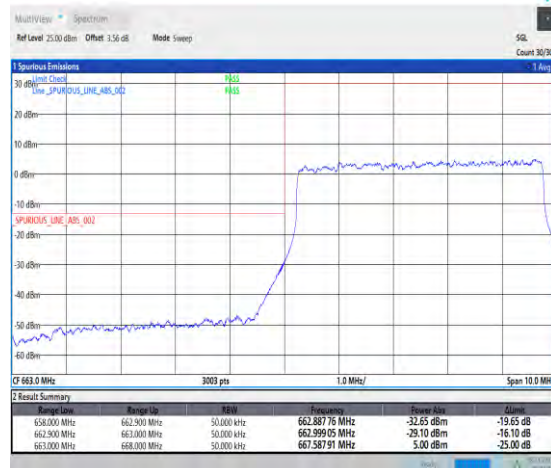
Band Edge for SA

Test Graphs



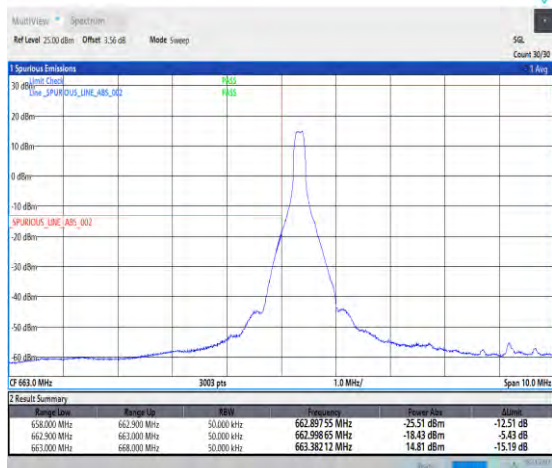
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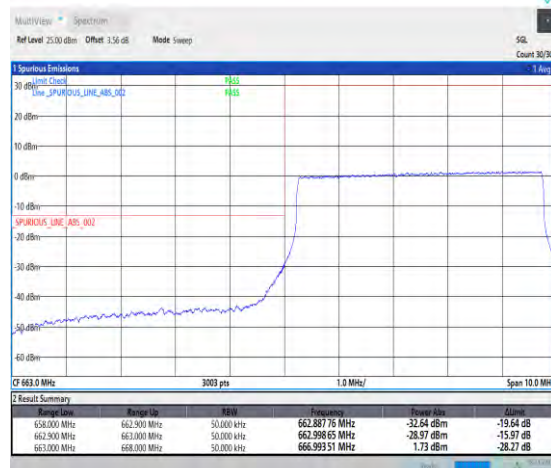
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@0-Ant1-1--PASS-see graph



19:45:00 18.11.2022

1-N71-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-
Ant1-1--PASS-see graph



19:46:18 18.11.2022

1-N71-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-
Ant1-1--PASS-see graph



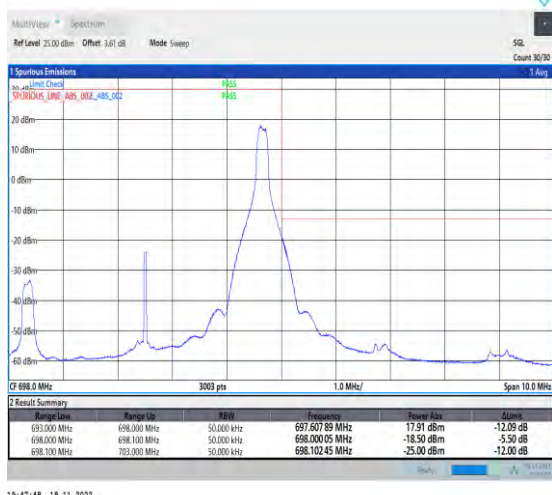
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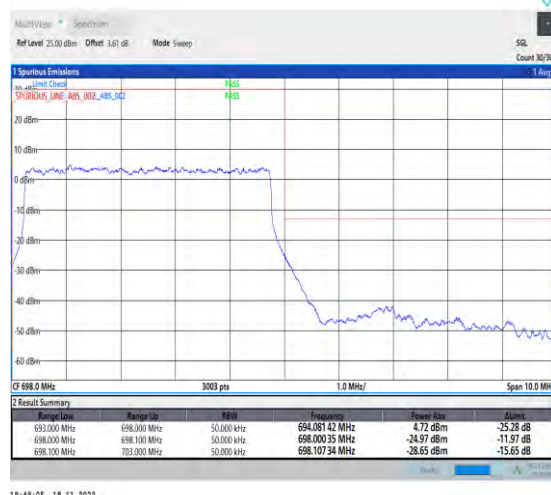
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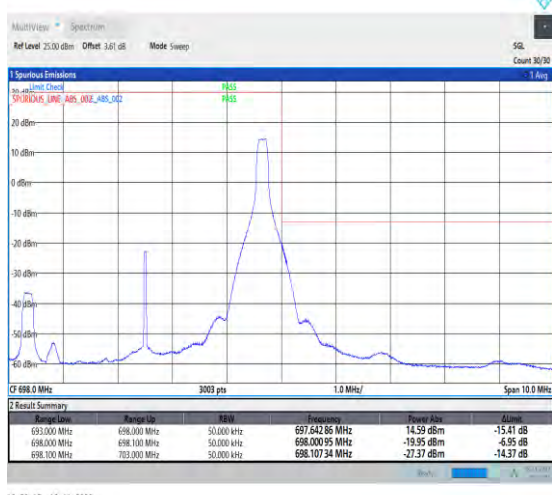
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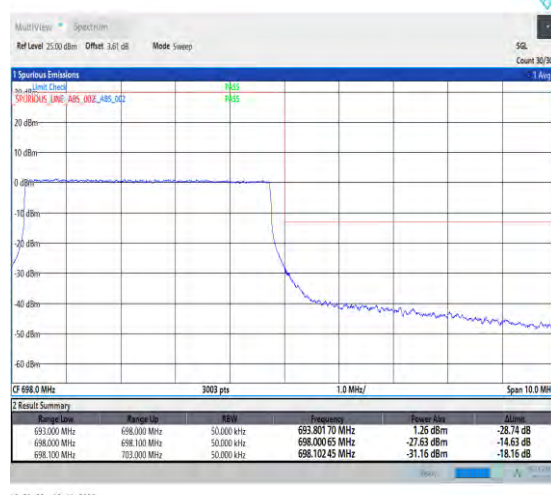
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1-N71-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



19:50:15 18.11.2022

1-N71-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-1--PASS-see graph



19:51:33 18.11.2022

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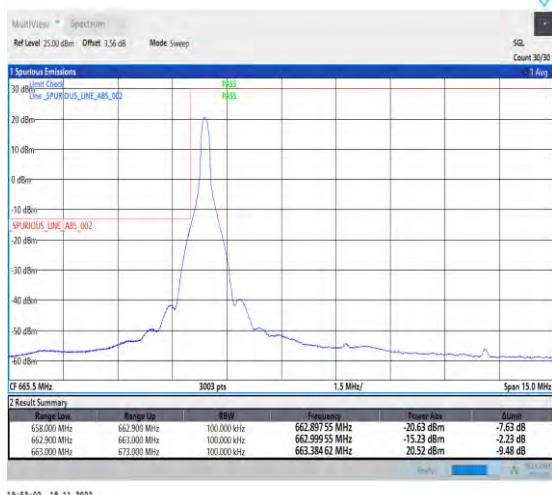
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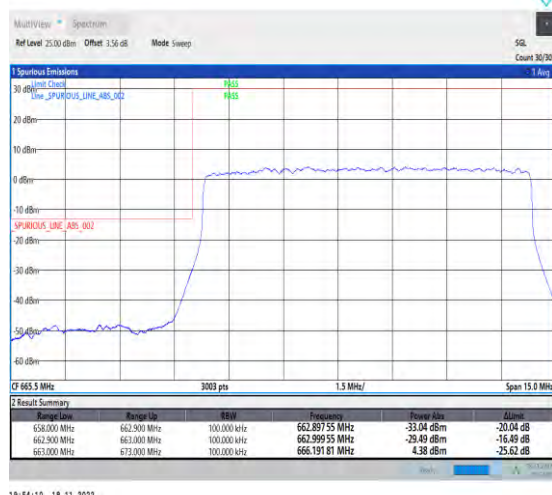
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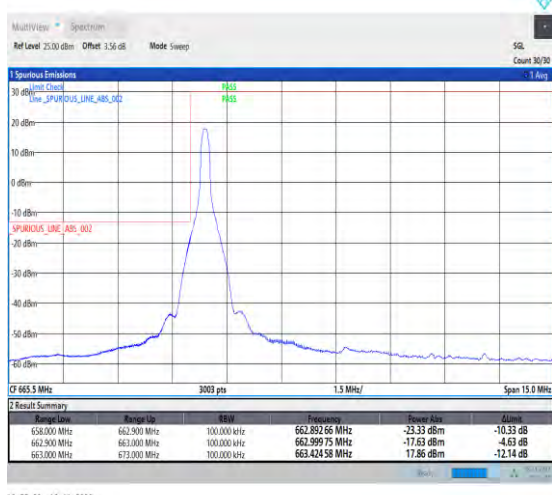
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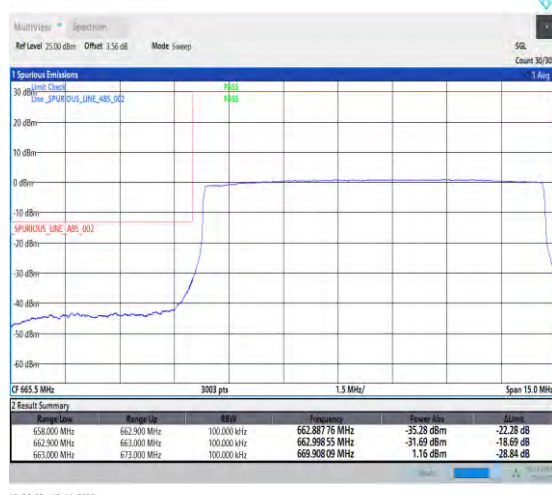
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19:55:20 18.11.2022

1-N71-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



19:56:38 18.11.2022

1-N71-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1--PASS-see graph



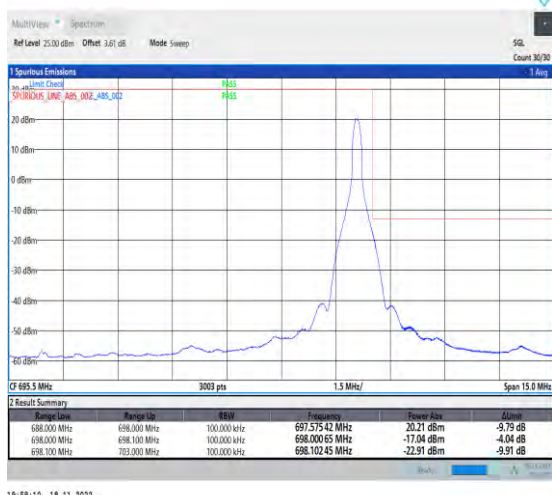
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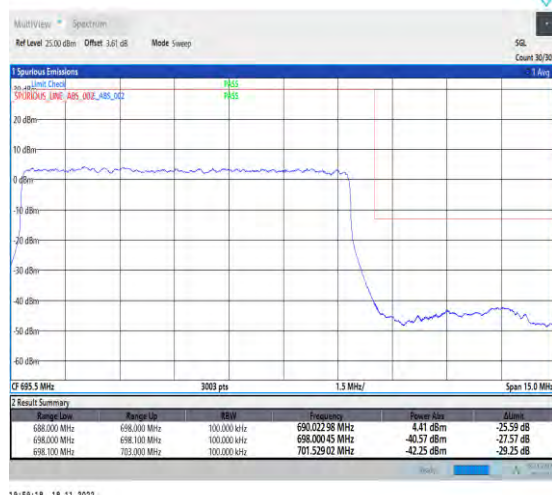
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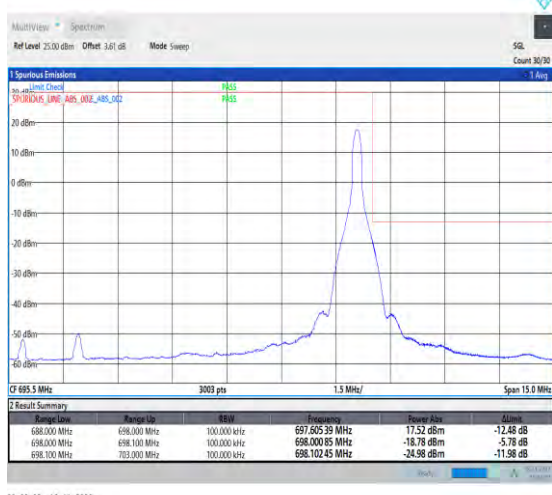
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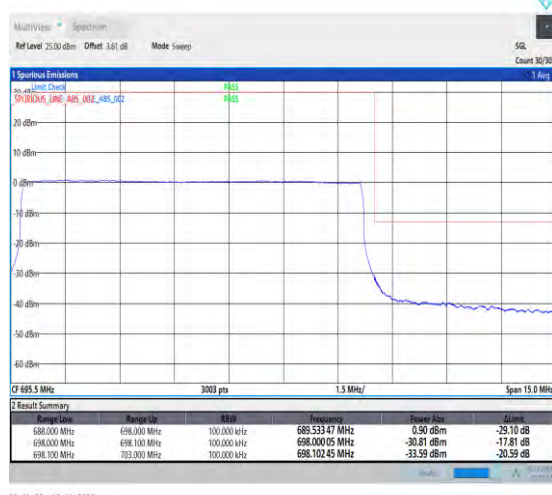
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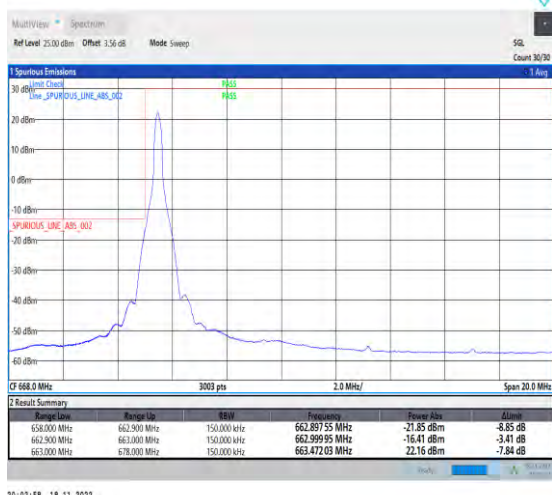
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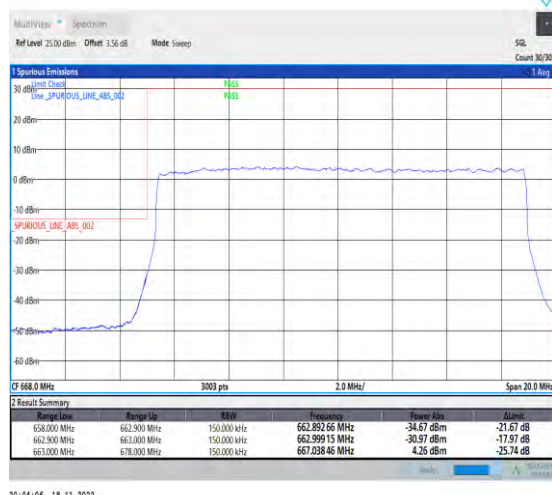
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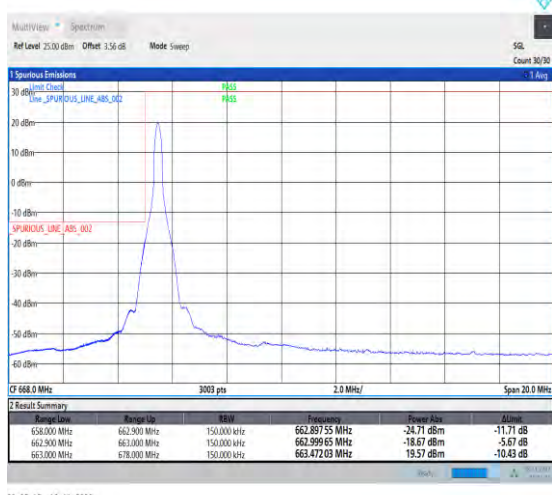
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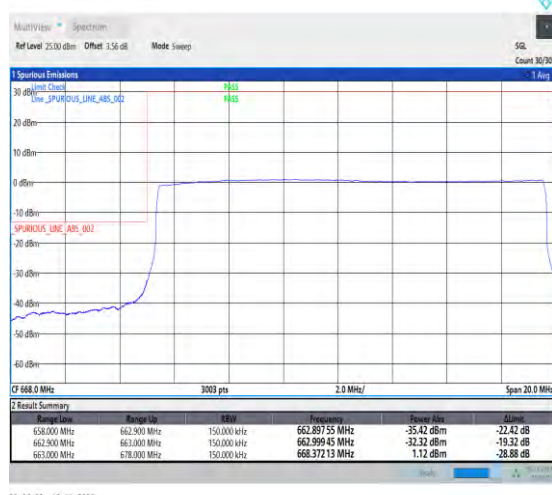
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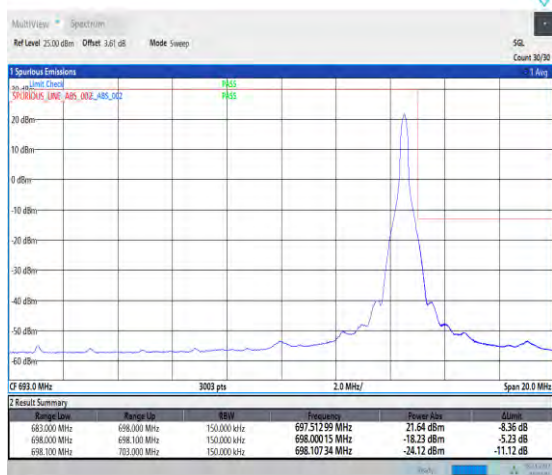
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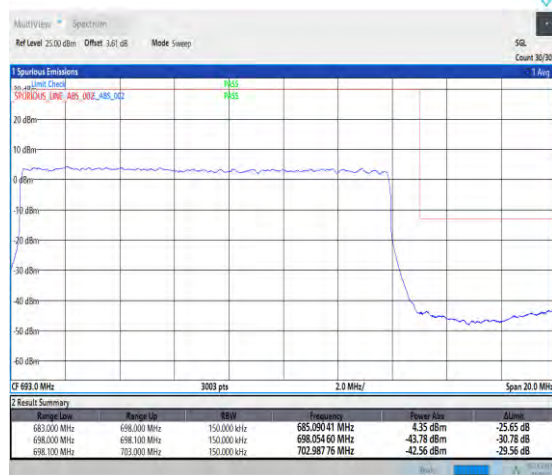
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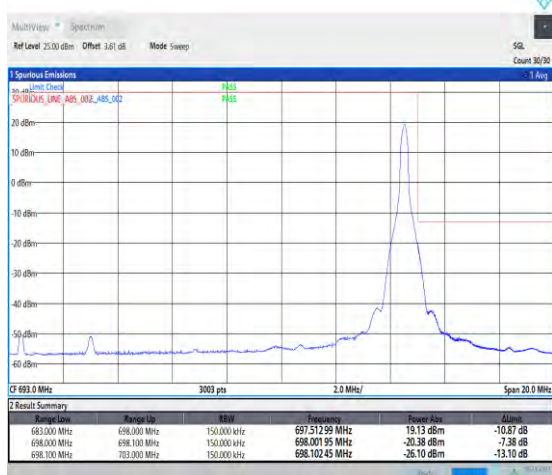
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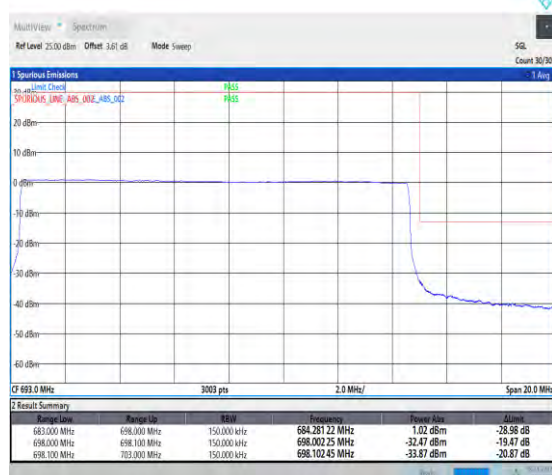
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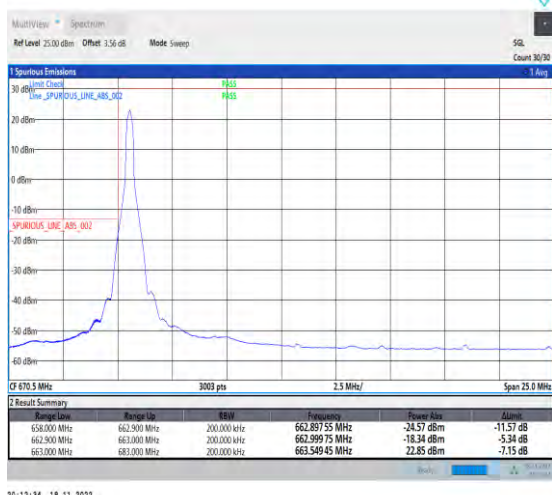
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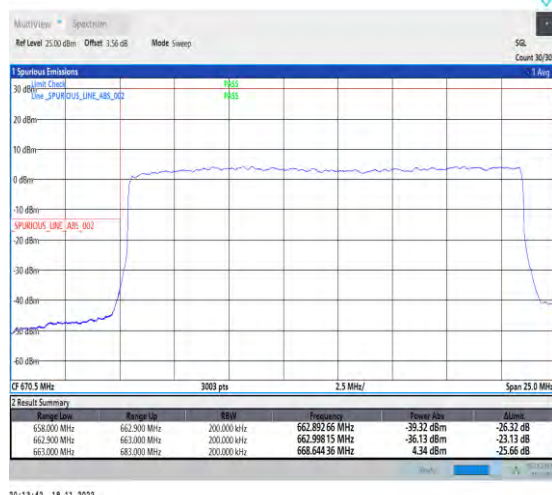
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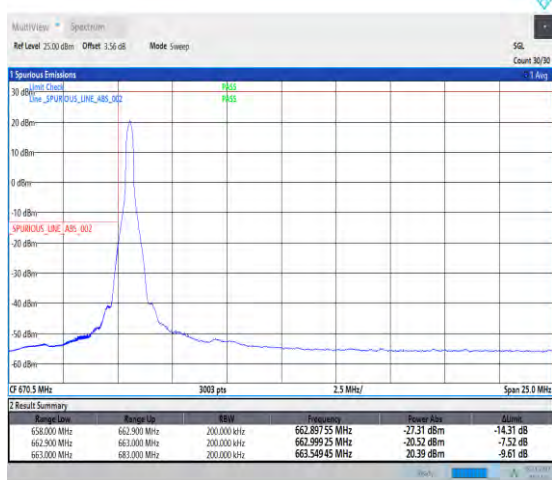
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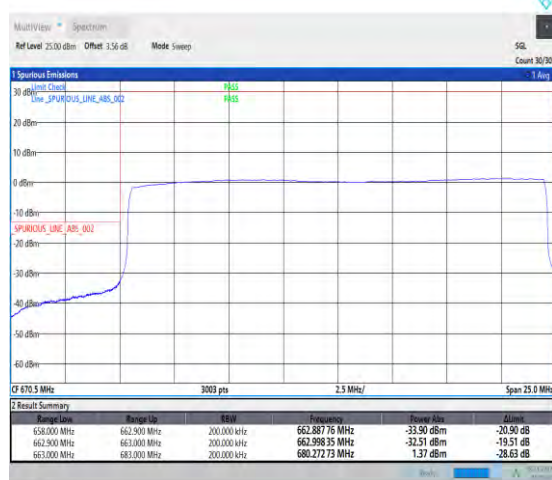
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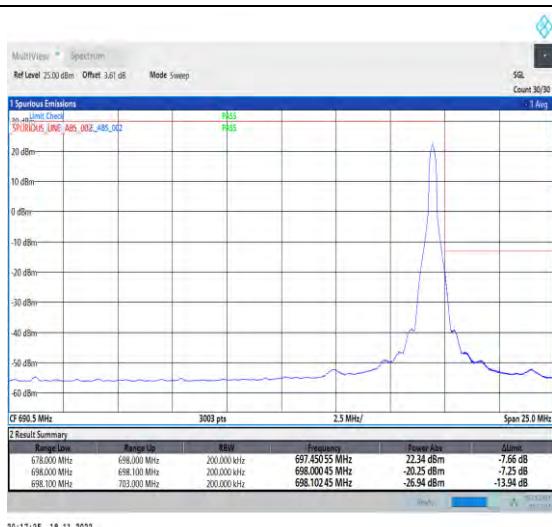
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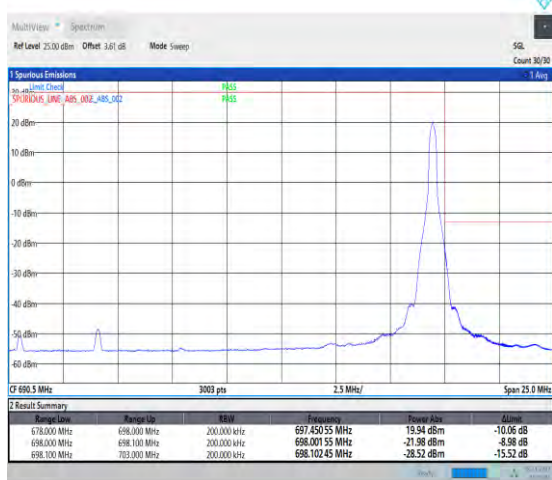
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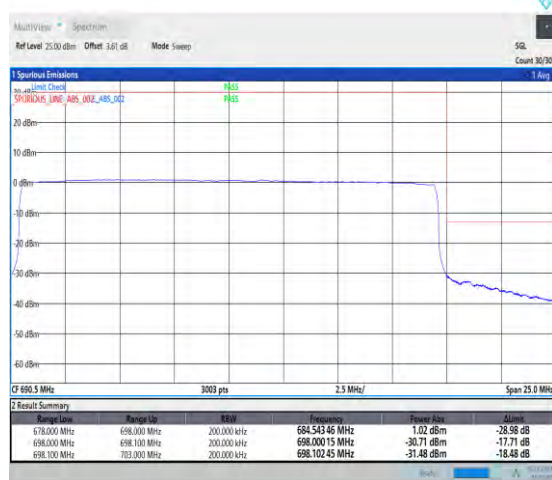
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20:19:42 18.11.2022

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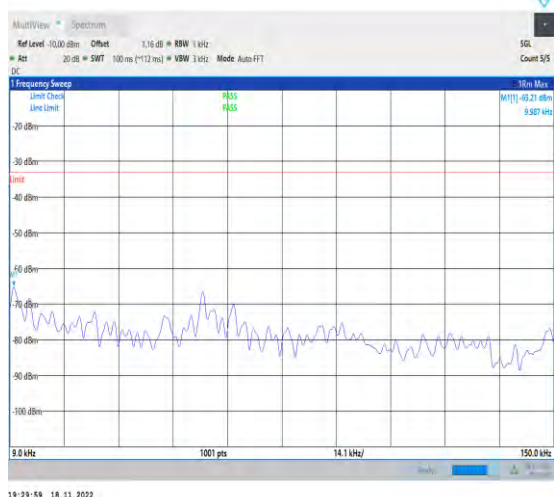
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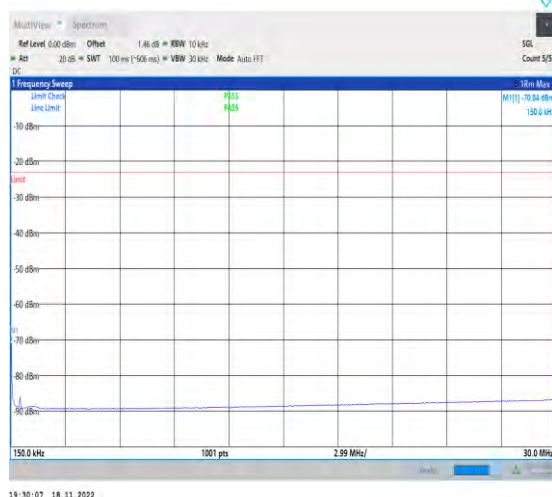
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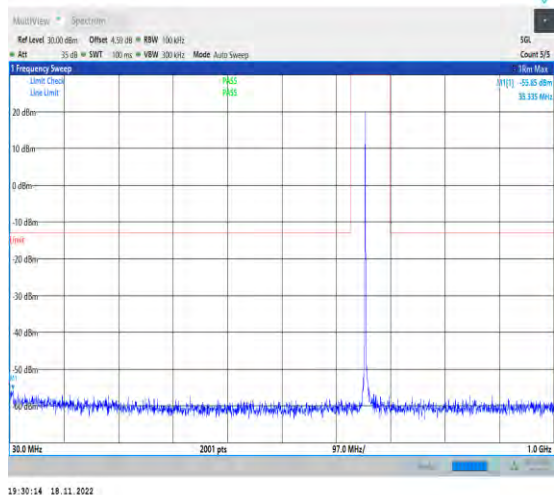
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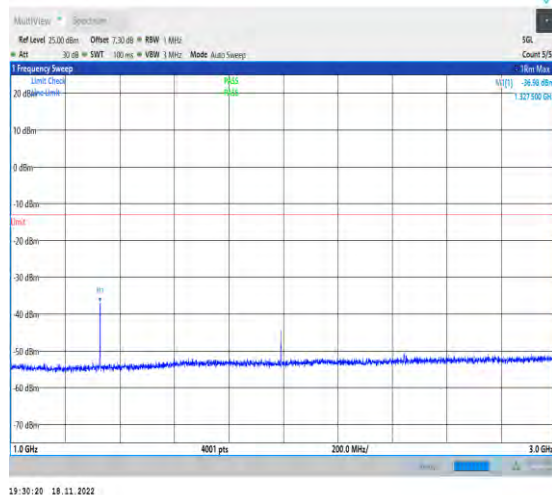
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1-N71-PC3-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-35.34--55.85--13-PASS



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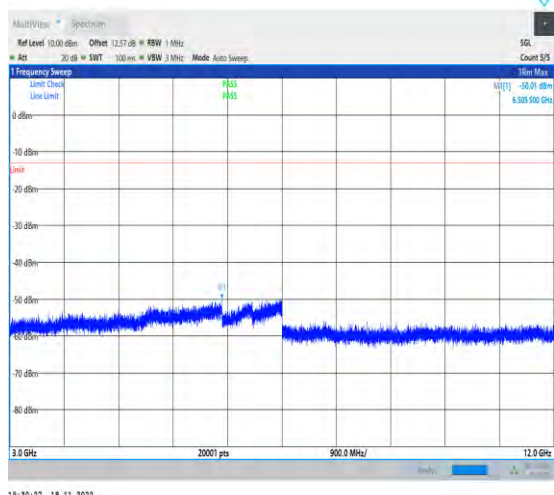
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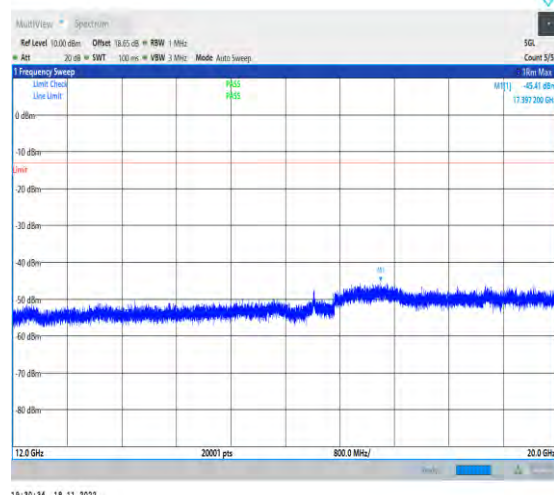
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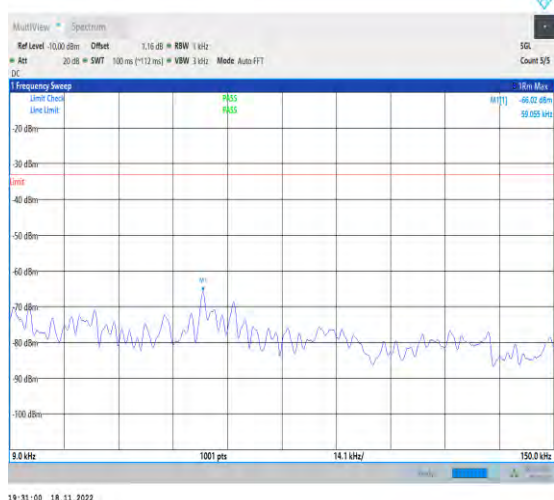
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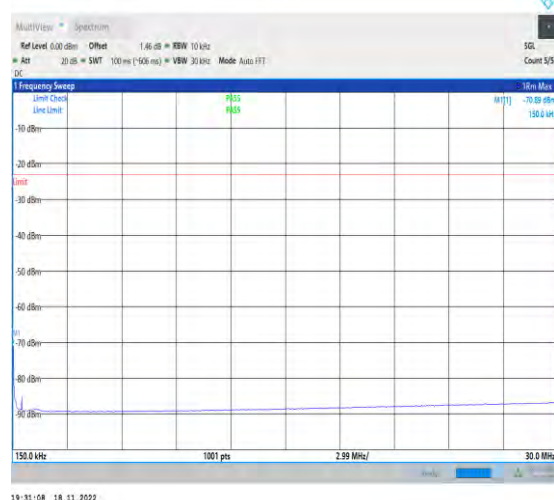
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1-N71-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.06--66.02--33-PASS



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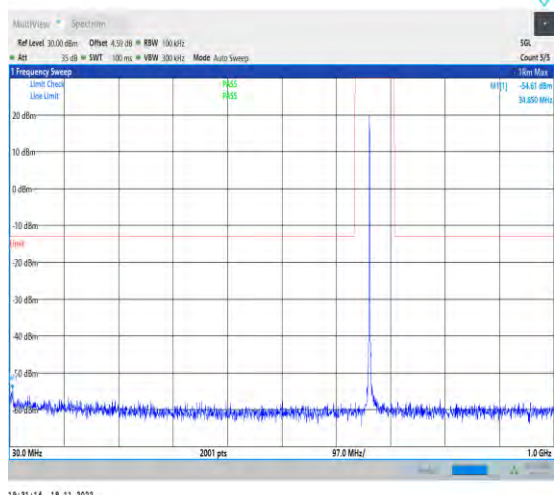
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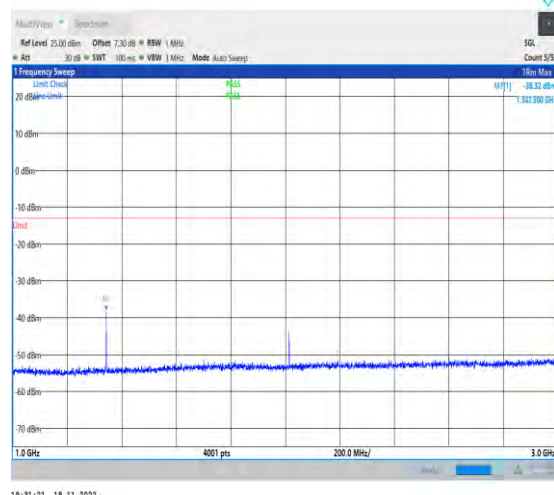
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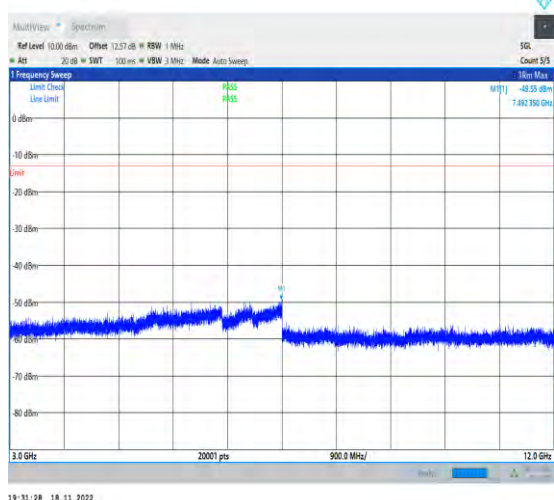
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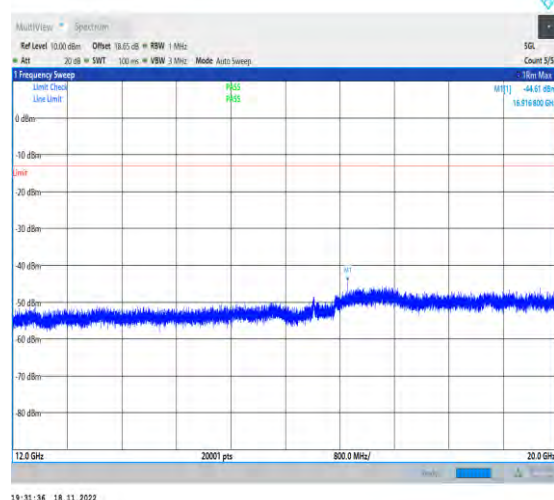
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1-N71-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_L
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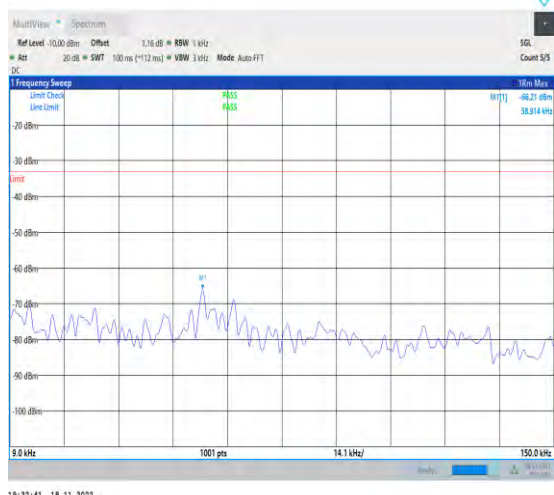
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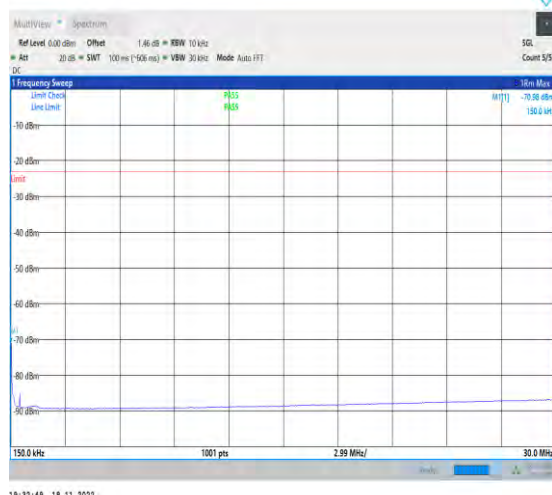
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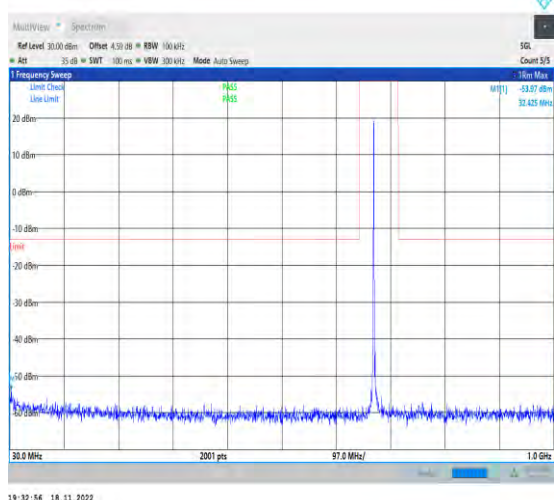
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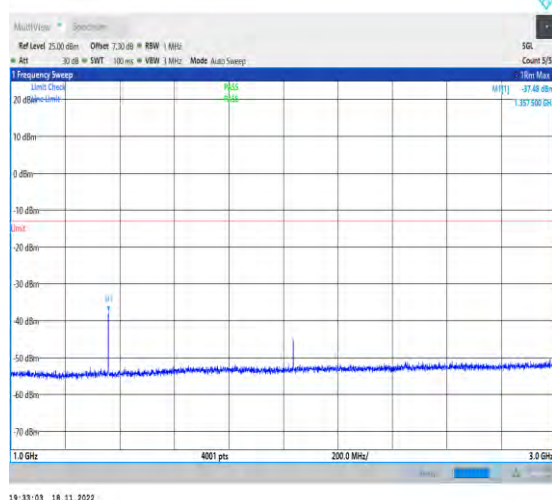
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eft-1@1-0.009-0.15-Ant1-0.06--66.21--33-PASS



1-N71-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-0.15-30-Ant1-0.15--70.98--23-PASS



1-N71-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-30-1000-Ant1-32.43--53.97--13-PASS



1-N71-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-1000-3000-Ant1-1357.50--37.48--13-PASS



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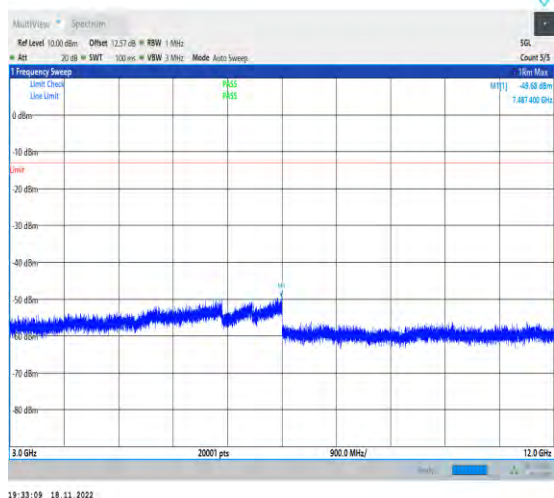
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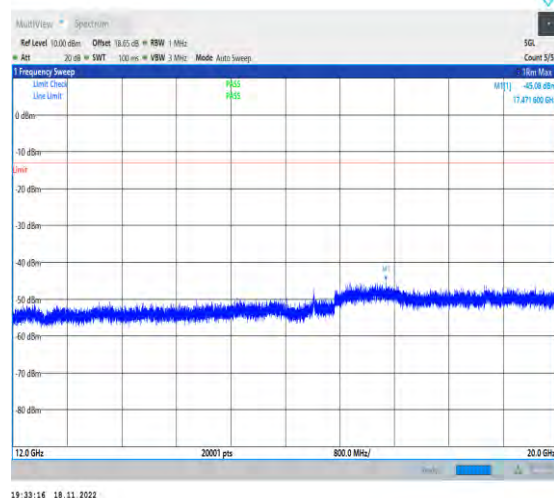
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1-N71-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-3000-12000-Ant1-7487.40--49.68--13-PAS
S



1-N71-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-12000-20000-Ant1-17471.60--45.08--13-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band 71_ TM1

Test Channel = Low Channel

Final DatList										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1327	65.85	-48.79	25.55	-52.65	-13.00	39.65	285	44	Horizontal
2	3318	48.36	-46.14	29.47	-63.57	-13.00	50.57	241	338	Horizontal
3	3981	48.13	-45.51	30.55	-62.08	-13.00	49.08	142	338	Horizontal
4	1992.27	42.87	-48.08	26.85	-73.62	-13.00	60.62	263	338	Horizontal
5	2656.36	42.54	-47.14	28.43	-71.43	-13.00	58.43	255	294	Horizontal
6	4648.63	38.89	-44.59	31.76	-69.20	-13.00	56.20	286	279	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1327	64.68	-48.79	25.55	-53.82	-13.00	40.82	196	68	Vertical
2	1990.5	53.96	-48.08	26.83	-62.55	-13.00	49.55	265	184	Vertical
3	2654	50.58	-47.14	28.42	-63.40	-13.00	50.40	144	52	Vertical
4	3317.5	52.65	-46.14	29.47	-59.28	-13.00	46.28	255	199	Vertical
5	3981.5	51.49	-45.51	30.56	-58.72	-13.00	45.72	225	184	Vertical
6	4648.63	38.87	-44.59	31.76	-69.22	-13.00	56.22	112	213	Vertical



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Test Band = SA Band 71_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1342	65.06	-48.78	25.52	-53.46	-13.00	40.46	263	45	Horizontal
2	2013	46.66	-48.05	26.93	-69.73	-13.00	56.73	296	312	Horizontal
3	2684	52.94	-47.09	28.53	-60.88	-13.00	47.88	241	194	Horizontal
4	3355	51.14	-46.20	29.46	-60.87	-13.00	47.87	142	179	Horizontal
5	4026.5	49.52	-45.48	30.64	-60.57	-13.00	47.57	255	340	Horizontal
6	4701.13	40.57	-44.55	31.88	-67.36	-13.00	54.36	286	163	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1342	67.20	-48.78	25.52	-51.32	-13.00	38.32	241	112	Vertical
2	2013	48.62	-48.05	26.93	-67.77	-13.00	54.77	185	347	Vertical
3	2684.5	54.63	-47.09	28.53	-59.19	-13.00	46.19	266	112	Vertical
4	3355	56.13	-46.20	29.46	-55.88	-13.00	42.88	224	347	Vertical
5	4026	52.78	-45.48	30.64	-57.32	-13.00	44.32	142	66	Vertical
6	4697.5	44.58	-44.55	31.87	-63.36	-13.00	50.36	263	143	Vertical



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Test Band = SA Band 71_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1357	62.73	-48.76	25.49	-55.81	-13.00	42.81	296	131	Horizontal
2	2037.27	43.35	-48.01	26.98	-72.94	-13.00	59.94	265	175	Horizontal
3	2716.36	42.92	-47.00	28.64	-70.70	-13.00	57.70	285	131	Horizontal
4	3395.45	42.99	-46.27	29.44	-69.10	-13.00	56.10	241	360	Horizontal
5	4074.54	42.47	-45.43	30.72	-67.50	-13.00	54.50	142	74	Horizontal
6	4753.63	39.50	-44.58	32.01	-68.33	-13.00	55.33	255	338	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1357	65.54	-48.76	25.49	-53.00	-13.00	40.00	196	83	Vertical
2	3392.5	49.57	-46.27	29.44	-62.51	-13.00	49.51	265	0	Vertical
3	4071.5	49.36	-45.44	30.71	-60.62	-13.00	47.62	284	83	Vertical
4	2037.27	43.03	-48.01	26.98	-73.26	-13.00	60.26	144	12	Vertical
5	2716.36	42.66	-47.00	28.64	-70.96	-13.00	57.96	142	112	Vertical
6	4753.63	40.20	-44.58	32.01	-67.63	-13.00	54.63	255	1	Vertical



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Test Band = DC_2A_n71A_TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	31.37	-26.19	25.54	-64.54	-13.00	51.54	296	324	Horizontal
2	1992.27	30.96	-25.04	26.85	-62.49	-13.00	49.49	265	261	Horizontal
3	2656.36	30.64	-23.95	28.43	-60.13	-13.00	47.13	288	251	Horizontal
4	3320.45	42.49	-45.89	29.47	-69.19	-13.00	56.19	336	296	Horizontal
5	3984.54	41.61	-45.45	30.56	-68.54	-13.00	55.54	255	9	Horizontal
6	4648.63	40.72	-44.37	31.76	-67.15	-13.00	54.15	241	9	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	31.35	-26.19	25.54	-64.56	-13.00	51.56	174	359	Vertical
2	1992.27	30.53	-25.04	26.85	-62.92	-13.00	49.92	142	259	Vertical
3	2656.36	30.55	-23.95	28.43	-60.22	-13.00	47.22	255	359	Vertical
4	3320.45	43.03	-45.89	29.47	-68.65	-13.00	55.65	263	246	Vertical
5	3984.54	41.97	-45.45	30.56	-68.18	-13.00	55.18	265	118	Vertical
6	4648.63	40.96	-44.37	31.76	-66.91	-13.00	53.91	298	166	Vertical



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Test Band = DC_2A_n71A_TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	31.18	-26.11	25.51	-64.68	-13.00	51.68	185	315	Horizontal
2	2014.77	31.24	-25.01	26.93	-62.10	-13.00	49.10	263	240	Horizontal
3	2686.36	31.45	-23.88	28.53	-59.16	-13.00	46.16	285	240	Horizontal
4	3357.95	42.19	-45.91	29.46	-69.52	-13.00	56.52	241	0	Horizontal
5	4029.54	41.21	-45.32	30.65	-68.72	-13.00	55.72	366	0	Horizontal
6	4701.13	41.50	-44.26	31.88	-66.14	-13.00	53.14	264	197	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	31.17	-26.11	25.51	-64.69	-13.00	51.69	102	188	Vertical
2	2014.77	30.44	-25.01	26.93	-62.90	-13.00	49.90	266	324	Vertical
3	2686.36	31.00	-23.88	28.53	-59.61	-13.00	46.61	142	354	Vertical
4	3357.95	41.73	-45.91	29.46	-69.98	-13.00	56.98	296	148	Vertical
5	4029.54	40.65	-45.32	30.65	-69.28	-13.00	56.28	266	83	Vertical
6	4701.13	41.79	-44.26	31.88	-65.85	-13.00	52.85	321	50	Vertical



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Test Band = DC_2A_n71A_TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	31.74	-26.03	25.48	-64.07	-13.00	51.07	142	3	Horizontal
2	2037.27	31.18	-24.99	26.98	-62.09	-13.00	49.09	285	251	Horizontal
3	2716.36	30.64	-23.82	28.64	-59.81	-13.00	46.81	263	350	Horizontal
4	3395.45	43.08	-45.93	29.44	-68.67	-13.00	55.67	254	345	Horizontal
5	4074.54	42.13	-45.11	30.72	-67.52	-13.00	54.52	142	118	Horizontal
6	4753.63	41.82	-44.36	32.01	-65.79	-13.00	52.79	263	68	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	31.38	-26.03	25.48	-64.43	-13.00	51.43	196	219	Vertical
2	2037.27	30.30	-24.99	26.98	-62.97	-13.00	49.97	265	29	Vertical
3	2716.36	30.54	-23.82	28.64	-59.91	-13.00	46.91	241	29	Vertical
4	3395.45	42.00	-45.93	29.44	-69.75	-13.00	56.75	142	2	Vertical
5	4074.54	42.14	-45.11	30.72	-67.51	-13.00	54.51	263	66	Vertical
6	4753.63	40.20	-44.36	32.01	-67.41	-13.00	54.41	222	33	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-10.300000	-0.015136	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-8.200000	-0.012050	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-10.600000	-0.015577	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VH	NT	-5.300000	-0.007788	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VN	NT	-3.400000	-0.004996	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VL	NT	-6.100000	-0.008964	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-10.500000	-0.015430	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-9.700000	-0.014254	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-8.300000	-0.012197	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-10.900000	-0.016018	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-11.600000	-0.017046	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-10.200000	-0.014989	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-11.100000	-0.016312	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-12.100000	-0.017781	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-10.300000	-0.015136	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-30	-2.000000	-0.002939	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-20	-4.600000	-0.006760	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-10	-5.000000	-0.007348	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	0	-3.000000	-0.004409	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	10	-4.000000	-0.005878	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	20	-2.800000	-0.004115	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	30	-4.000000	-0.005878	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	40	-6.000000	-0.008817	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	50	-3.500000	-0.005143	PASS

---End of Attachment---



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