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Appendix B.12

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)	EIRP	LIMIT	Verdict
N71	15	5	DFT-QPSK	L	Inner_1RB_Left	24.5	23.74	34.77	PASS
N71	15	5	DFT-QPSK	L	Inner_1RB_Right	24.57	23.81	34.77	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	23.62	22.86	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Left	23.61	22.85	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Right	23.68	22.92	34.77	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	22.65	21.89	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Left	22.02	21.26	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Right	21.99	21.23	34.77	PASS
N71	15	5	DFT-64QAM	L	Outer_Full	22.14	21.38	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Left	20.08	19.32	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Right	20.1	19.34	34.77	PASS
N71	15	5	DFT-256QAM	L	Outer_Full	20.19	19.43	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Left	24.51	23.75	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Right	24.55	23.79	34.77	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	23.61	22.85	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Left	23.64	22.88	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Right	23.55	22.79	34.77	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	22.63	21.87	34.77	PASS



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N71	15	5	DFT-64QAM	M	Inner_1RB_Left	22.63	21.87	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Right	22.54	21.78	34.77	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	22.32	21.56	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Left	20.05	19.29	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Right	20.07	19.31	34.77	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	20.12	19.36	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Left	24.49	23.73	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Right	24.54	23.78	34.77	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	23.61	22.85	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Left	23.63	22.87	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Right	23.63	22.87	34.77	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	22.69	21.93	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Left	21.94	21.18	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Right	21.98	21.22	34.77	PASS
N71	15	5	DFT-64QAM	H	Outer_Full	22.16	21.4	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Left	20.01	19.25	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Right	20.04	19.28	34.77	PASS
N71	15	5	DFT-256QAM	H	Outer_Full	20.23	19.47	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Left	24.51	23.75	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Right	24.6	23.84	34.77	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	23.53	22.77	34.77	PASS



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N71	15	10	DFT-16QAM	L	Inner_1RB_Left	23.61	22.85	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Right	23.69	22.93	34.77	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	22.52	21.76	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Left	22.02	21.26	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Right	22.07	21.31	34.77	PASS
N71	15	10	DFT-64QAM	L	Outer_Full	22.04	21.28	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Left	20.05	19.29	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Right	19.67	18.91	34.77	PASS
N71	15	10	DFT-256QAM	L	Outer_Full	20.01	19.25	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Left	24.57	23.81	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Right	24.59	23.83	34.77	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	23.67	22.91	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Left	23.66	22.9	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Right	23.71	22.95	34.77	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	22.68	21.92	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Left	21.97	21.21	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Right	20.46	19.7	34.77	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	20.32	19.56	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Left	20.07	19.31	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Right	20.13	19.37	34.77	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	20.18	19.42	34.77	PASS



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N71	15	10	DFT-QPSK	H	Inner_1RB_Left	24.5	23.74	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Right	24.63	23.87	34.77	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	23.66	22.9	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Left	23.6	22.84	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Right	23.72	22.96	34.77	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	22.66	21.9	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Left	21.9	21.14	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Right	21.52	20.76	34.77	PASS
N71	15	10	DFT-64QAM	H	Outer_Full	21.32	20.56	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Left	20.01	19.25	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Right	20.15	19.39	34.77	PASS
N71	15	10	DFT-256QAM	H	Outer_Full	20.18	19.42	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Left	24.56	23.8	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Right	24.57	23.81	34.77	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	23.57	22.81	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Left	23.55	22.79	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Right	23.69	22.93	34.77	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	22.55	21.79	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Left	21.97	21.21	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Right	20.49	19.73	34.77	PASS
N71	15	15	DFT-64QAM	L	Outer_Full	22.08	21.32	34.77	PASS



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N71	15	15	DFT-256QAM	L	Inner_1RB_Right	20.15	19.39	34.77	PASS
N71	15	15	DFT-256QAM	L	Outer_Full	20.05	19.29	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Left	24.52	23.76	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Right	24.61	23.85	34.77	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	23.65	22.89	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Left	23.63	22.87	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Right	23.52	22.76	34.77	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	23.14	22.38	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Left	22.52	21.76	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Right	22.63	21.87	34.77	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	22.02	21.26	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Left	20.04	19.28	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Right	20.17	19.41	34.77	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	20.16	19.4	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Left	24.48	23.72	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Right	24.62	23.86	34.77	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	23.85	23.09	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Left	23.25	22.49	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Right	23.12	22.36	34.77	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	23.02	22.26	34.77	PASS



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N71	15	15	DFT-64QAM	H	Inner_1RB_Right	22.12	21.36	34.77	PASS
N71	15	15	DFT-64QAM	H	Outer_Full	21.85	21.09	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Left	20.01	19.25	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Right	20.18	19.42	34.77	PASS
N71	15	15	DFT-256QAM	H	Outer_Full	20.14	19.38	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Left	24.32	23.56	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Right	24.69	23.93	34.77	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	23.54	22.78	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Left	23.68	22.92	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Right	23.82	23.06	34.77	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	22.55	21.79	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Left	21.23	20.47	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Right	21.25	20.49	34.77	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	20.32	19.56	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Left	20.11	19.35	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Right	20.24	19.48	34.77	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	20.06	19.3	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Left	24.58	23.82	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Right	24.71	23.95	34.77	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	23.67	22.91	34.77	PASS



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N71	15	20	DFT-16QAM	M	Inner_1RB_Left	23.72	22.96	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Right	23.82	23.06	34.77	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	22.7	21.94	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Left	22.06	21.3	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Right	22.13	21.37	34.77	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	22.2	21.44	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Left	20.17	19.41	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Right	20.28	19.52	34.77	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	20.2	19.44	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Left	24.57	23.81	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Right	24.7	23.94	34.77	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	23.59	22.83	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Left	23.12	22.36	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Right	23.02	22.26	34.77	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	22.98	22.22	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Left	22.23	21.47	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Right	22.32	21.56	34.77	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	21.85	21.09	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Left	20.13	19.37	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Right	20.28	19.52	34.77	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	20.32	19.56	34.77	PASS



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N71	30	20	DFT-QPSK	L	Inner_1RB_Left	23.83	23.07	34.77	PASS
N71	30	20	DFT-QPSK	L	Inner_1RB_Right	24.2	23.44	34.77	PASS
N71	30	20	DFT-QPSK	L	Outer_Full	23.07	22.31	34.77	PASS
N71	30	20	DFT-16QAM	L	Inner_1RB_Left	23.21	22.45	34.77	PASS
N71	30	20	DFT-16QAM	L	Inner_1RB_Right	23.34	22.58	34.77	PASS
N71	30	20	DFT-16QAM	L	Outer_Full	22.1	21.34	34.77	PASS
N71	30	20	DFT-64QAM	L	Inner_1RB_Left	20.81	20.05	34.77	PASS
N71	30	20	DFT-64QAM	L	Inner_1RB_Right	20.83	20.07	34.77	PASS
N71	30	20	DFT-64QAM	L	Outer_Full	19.91	19.15	34.77	PASS
N71	30	20	DFT-256QAM	L	Inner_1RB_Left	19.71	18.95	34.77	PASS
N71	30	20	DFT-256QAM	L	Inner_1RB_Right	19.84	19.08	34.77	PASS
N71	30	20	DFT-256QAM	L	Outer_Full	19.66	18.9	34.77	PASS
N71	30	20	DFT-QPSK	M	Inner_1RB_Left	24.09	23.33	34.77	PASS
N71	30	20	DFT-QPSK	M	Inner_1RB_Right	24.22	23.46	34.77	PASS
N71	30	20	DFT-QPSK	M	Outer_Full	23.2	22.44	34.77	PASS
N71	30	20	DFT-16QAM	M	Inner_1RB_Left	23.25	22.49	34.77	PASS
N71	30	20	DFT-16QAM	M	Inner_1RB_Right	23.34	22.58	34.77	PASS
N71	30	20	DFT-16QAM	M	Outer_Full	22.25	21.49	34.77	PASS
N71	30	20	DFT-64QAM	M	Inner_1RB_Left	21.62	20.86	34.77	PASS
N71	30	20	DFT-64QAM	M	Inner_1RB_Right	21.69	20.93	34.77	PASS
N71	30	20	DFT-64QAM	M	Outer_Full	21.76	21	34.77	PASS



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N71	30	20	DFT-256QAM	M	Inner_1RB_Left	19.77	19.01	34.77	PASS
N71	30	20	DFT-256QAM	M	Inner_1RB_Right	19.87	19.11	34.77	PASS
N71	30	20	DFT-256QAM	M	Outer_Full	19.8	19.04	34.77	PASS
N71	30	20	DFT-QPSK	H	Inner_1RB_Left	24.08	23.32	34.77	PASS
N71	30	20	DFT-QPSK	H	Inner_1RB_Right	24.21	23.45	34.77	PASS
N71	30	20	DFT-QPSK	H	Outer_Full	23.12	22.36	34.77	PASS
N71	30	20	DFT-16QAM	H	Inner_1RB_Left	22.66	21.9	34.77	PASS
N71	30	20	DFT-16QAM	H	Inner_1RB_Right	22.56	21.8	34.77	PASS
N71	30	20	DFT-16QAM	H	Outer_Full	22.52	21.76	34.77	PASS
N71	30	20	DFT-64QAM	H	Inner_1RB_Left	21.79	21.03	34.77	PASS
N71	30	20	DFT-64QAM	H	Inner_1RB_Right	21.87	21.11	34.77	PASS
N71	30	20	DFT-64QAM	H	Outer_Full	21.41	20.65	34.77	PASS
N71	30	20	DFT-256QAM	H	Inner_1RB_Left	19.73	18.97	34.77	PASS
N71	30	20	DFT-256QAM	H	Inner_1RB_Right	19.87	19.11	34.77	PASS
N71	30	20	DFT-256QAM	H	Outer_Full	19.91	19.15	34.77	PASS



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Peak-to-Average Ratio for SA

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	8.77	≤13	PASS
N71	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.36	≤13	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.77	≤13	PASS
N71	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.44	≤13	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.60	≤13	PASS
N71	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.33	≤13	PASS



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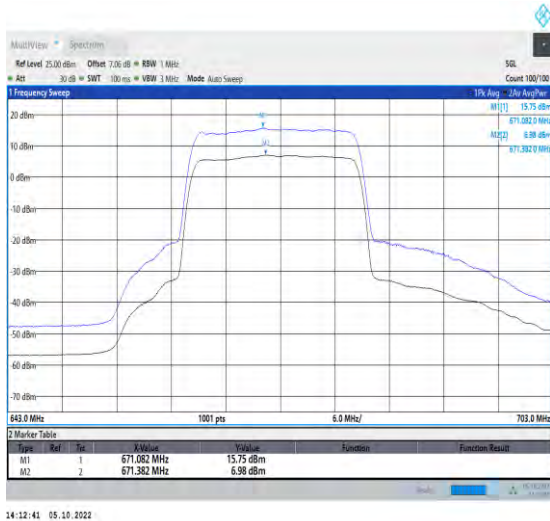
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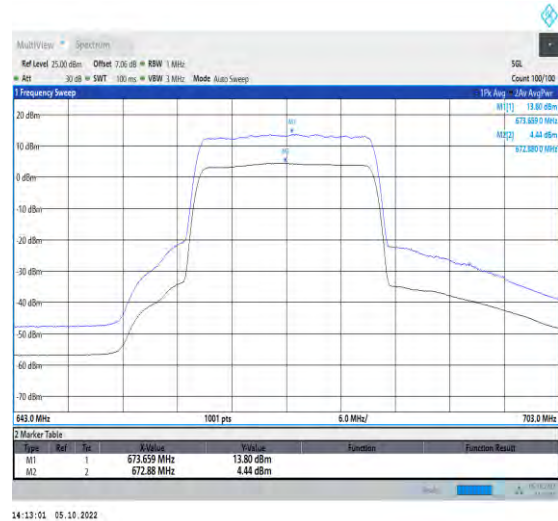
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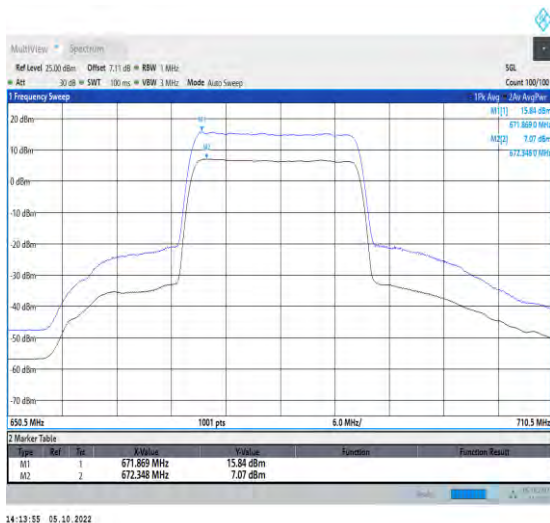
Test Graphs



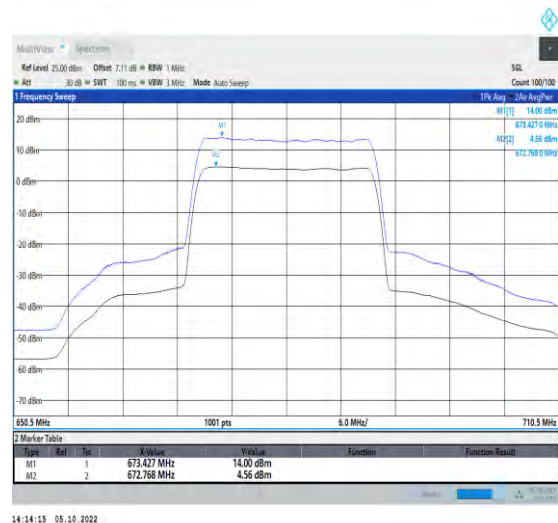
1-N71-PC3-15-20-L-1-DFT-256QAM-Outer_Full-100
@0-Ant1-8.77-100%-0.00-8.77-PASS-≤13



1-N71-PC3-15-20-L-2-CP-256QAM-Outer_Full-106
@0-Ant1-9.36-100%-0.00-9.36-PASS-≤13



1-N71-PC3-15-20-M-1-DFT-256QAM-Outer_Full-100
@0-Ant1-8.77-100%-0.00-8.77-PASS-≤13



1-N71-PC3-15-20-M-2-CP-256QAM-Outer_Full-106
@0-Ant1-9.44-100%-0.00-9.44-PASS-≤13



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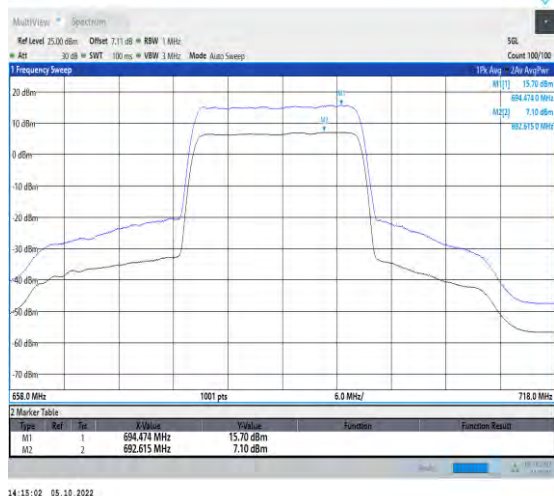
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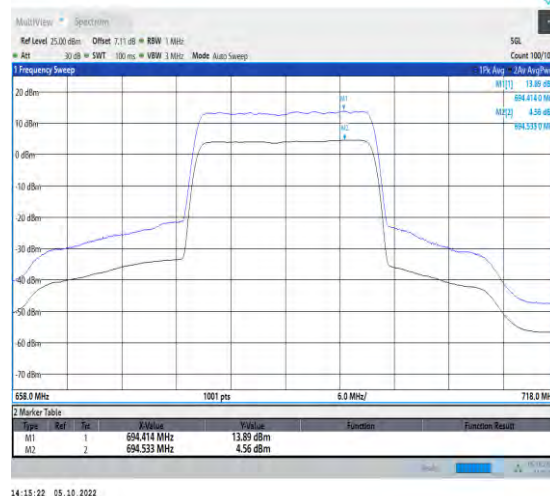
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1-N71-PC3-15-20-H-1-DFT-256QAM-Out_Full-100
@0-Ant1-8.60-100%-0.00-8.60-PASS-≤13



1-N71-PC3-15-20-H-2-CP-256QAM-Out_Full-106
@0-Ant1-9.33-100%-0.00-9.33-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-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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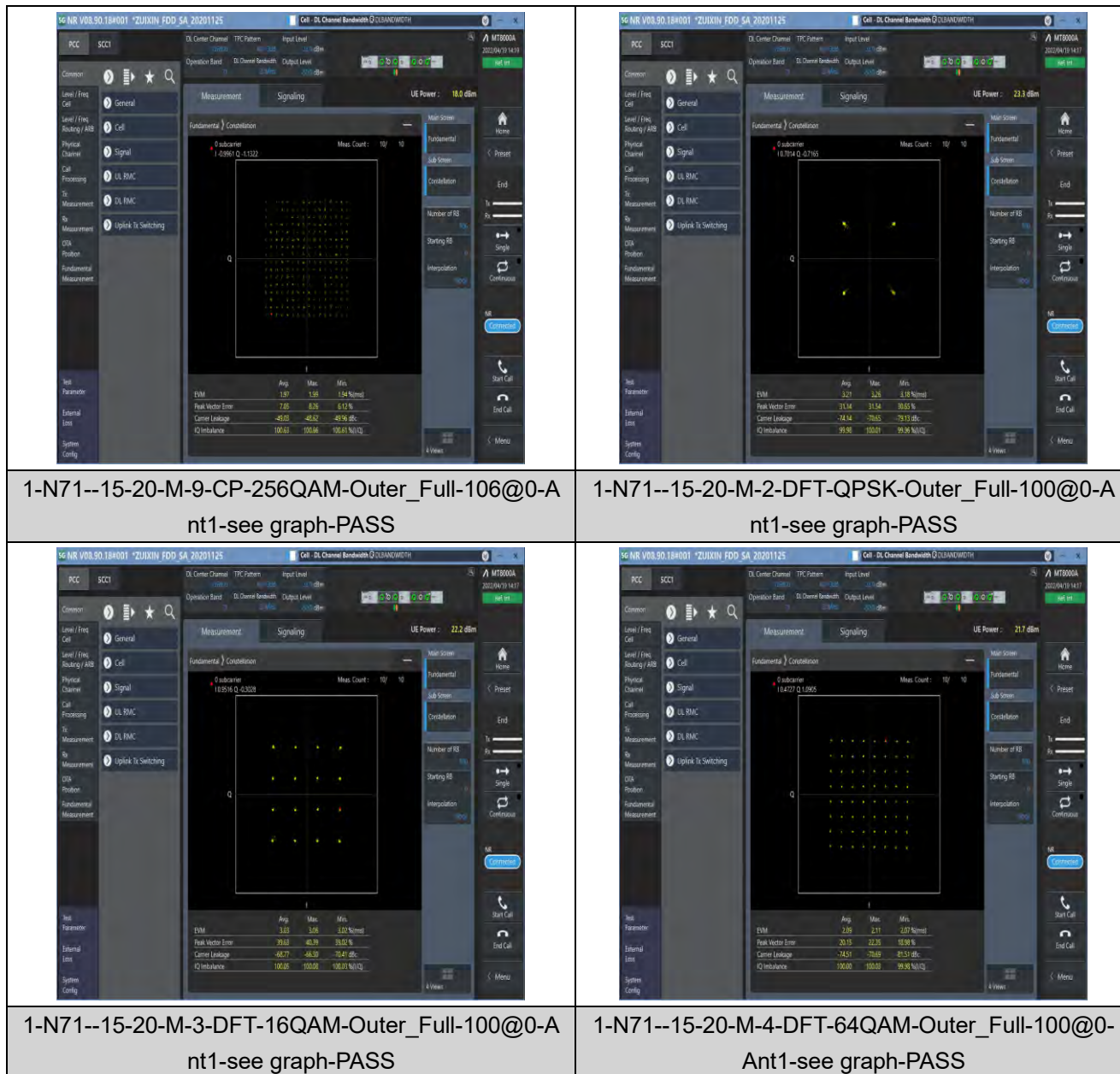
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Test Graphs



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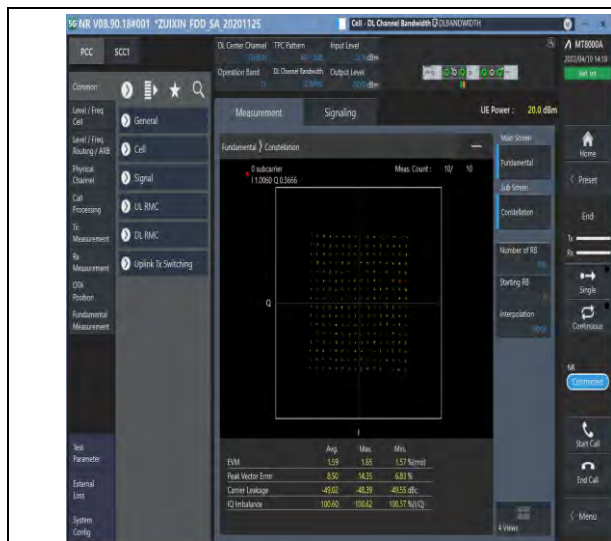
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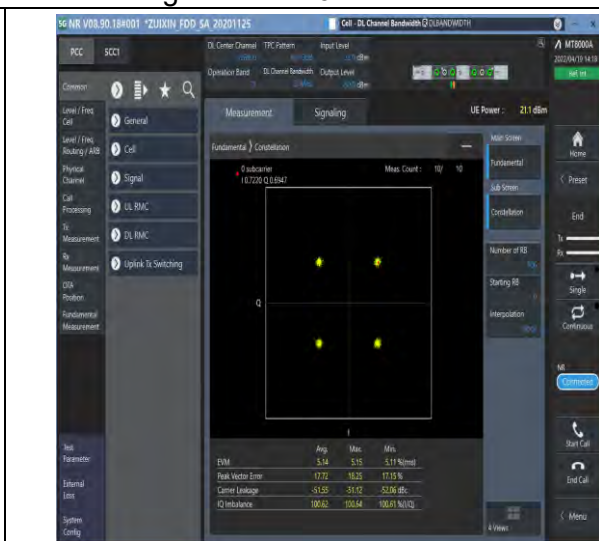
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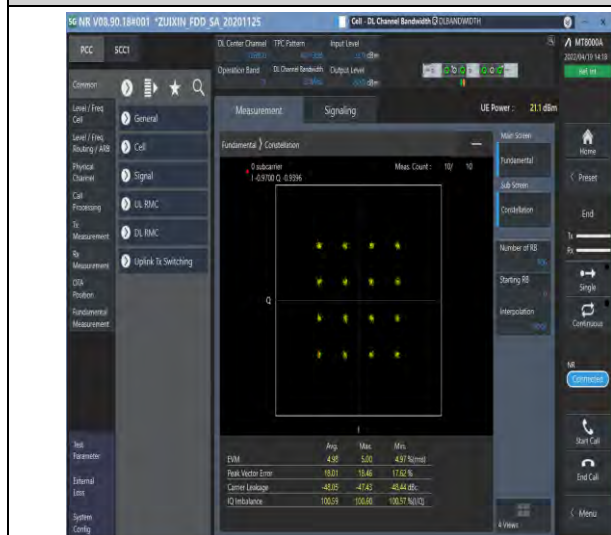
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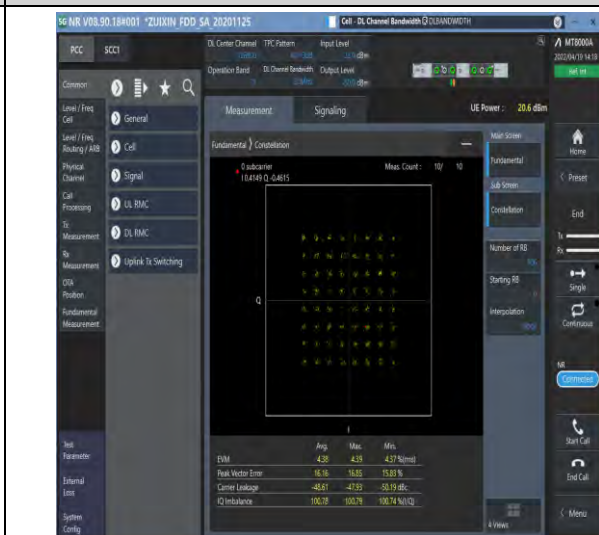
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1-N71--15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-see graph-PASS



1-N71--15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-see graph-PASS



1-N71--15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-see graph-PASS



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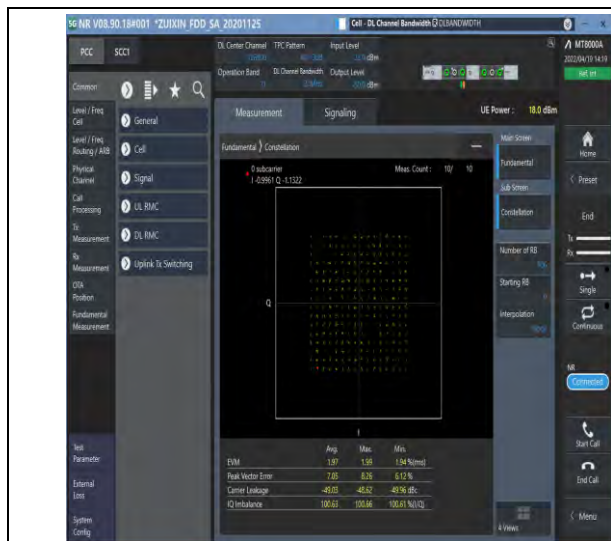
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1-N71--15-20-M-9-CP-256QAM-Outer_Full-106@0-A
nt1-see graph-PASS



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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
N71	15	5	DFT-QPSK	L	Outer_Full	4.485	4.810	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	4.465	4.840	PASS
N71	15	5	DFT-64QAM	L	Outer_Full	4.45	4.820	PASS
N71	15	5	DFT-256QAM	L	Outer_Full	4.454	4.850	PASS
N71	15	5	CP-QPSK	L	Outer_Full	4.466	4.820	PASS
N71	15	5	CP-16QAM	L	Outer_Full	4.466	4.840	PASS
N71	15	5	CP-64QAM	L	Outer_Full	4.473	4.860	PASS
N71	15	5	CP-256QAM	L	Outer_Full	4.467	4.870	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	4.459	4.800	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	4.471	4.850	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	4.451	4.850	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	4.465	4.850	PASS
N71	15	5	CP-QPSK	M	Outer_Full	4.467	4.860	PASS
N71	15	5	CP-16QAM	M	Outer_Full	4.468	4.880	PASS
N71	15	5	CP-64QAM	M	Outer_Full	4.466	4.870	PASS
N71	15	5	CP-256QAM	M	Outer_Full	4.467	4.820	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	4.463	4.770	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	4.458	4.800	PASS
N71	15	5	DFT-64QAM	H	Outer_Full	4.462	4.780	PASS
N71	15	5	DFT-256QAM	H	Outer_Full	4.476	4.900	PASS
N71	15	5	CP-QPSK	H	Outer_Full	4.464	4.840	PASS
N71	15	5	CP-16QAM	H	Outer_Full	4.468	4.840	PASS
N71	15	5	CP-64QAM	H	Outer_Full	4.471	4.830	PASS
N71	15	5	CP-256QAM	H	Outer_Full	4.472	4.800	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	8.915	9.480	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	8.935	9.440	PASS
N71	15	10	DFT-64QAM	L	Outer_Full	8.942	9.480	PASS
N71	15	10	DFT-256QAM	L	Outer_Full	8.924	9.560	PASS
N71	15	10	CP-QPSK	L	Outer_Full	9.308	9.980	PASS
N71	15	10	CP-16QAM	L	Outer_Full	9.285	9.860	PASS
N71	15	10	CP-64QAM	L	Outer_Full	9.294	9.880	PASS
N71	15	10	CP-256QAM	L	Outer_Full	9.292	9.780	PASS



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N71	15	10	DFT-QPSK	M	Outer_Full	8.917	9.620	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	8.923	9.600	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	8.961	9.520	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	8.939	9.580	PASS
N71	15	10	CP-QPSK	M	Outer_Full	9.311	9.920	PASS
N71	15	10	CP-16QAM	M	Outer_Full	9.307	9.820	PASS
N71	15	10	CP-64QAM	M	Outer_Full	9.276	9.940	PASS
N71	15	10	CP-256QAM	M	Outer_Full	9.328	12.640	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	8.917	9.660	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	8.914	9.560	PASS
N71	15	10	DFT-64QAM	H	Outer_Full	8.929	9.500	PASS
N71	15	10	DFT-256QAM	H	Outer_Full	8.92	9.500	PASS
N71	15	10	CP-QPSK	H	Outer_Full	9.297	9.800	PASS
N71	15	10	CP-16QAM	H	Outer_Full	9.297	9.860	PASS
N71	15	10	CP-64QAM	H	Outer_Full	9.288	9.920	PASS
N71	15	10	CP-256QAM	H	Outer_Full	9.317	9.820	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	13.428	14.190	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	13.42	14.220	PASS
N71	15	15	DFT-64QAM	L	Outer_Full	13.413	14.160	PASS
N71	15	15	DFT-256QAM	L	Outer_Full	13.416	14.190	PASS
N71	15	15	CP-QPSK	L	Outer_Full	14.125	14.820	PASS
N71	15	15	CP-16QAM	L	Outer_Full	14.081	14.970	PASS
N71	15	15	CP-64QAM	L	Outer_Full	14.118	14.790	PASS
N71	15	15	CP-256QAM	L	Outer_Full	14.08	14.790	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	13.447	14.220	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	13.448	14.280	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	13.414	14.250	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	13.438	14.250	PASS
N71	15	15	CP-QPSK	M	Outer_Full	14.105	14.910	PASS
N71	15	15	CP-16QAM	M	Outer_Full	14.135	14.880	PASS
N71	15	15	CP-64QAM	M	Outer_Full	14.158	14.940	PASS
N71	15	15	CP-256QAM	M	Outer_Full	14.139	14.940	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	13.423	14.220	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	13.442	14.220	PASS
N71	15	15	DFT-64QAM	H	Outer_Full	13.427	14.130	PASS
N71	15	15	DFT-256QAM	H	Outer_Full	13.411	14.100	PASS
N71	15	15	CP-QPSK	H	Outer_Full	14.13	14.940	PASS



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N71	15	15	CP-16QAM	H	Outer_Full	14.086	14.910	PASS
N71	15	15	CP-64QAM	H	Outer_Full	14.122	14.940	PASS
N71	15	15	CP-256QAM	H	Outer_Full	14.102	14.880	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	17.881	18.920	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	17.881	18.920	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	17.904	18.920	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	17.875	19.080	PASS
N71	15	20	CP-QPSK	L	Outer_Full	18.939	19.880	PASS
N71	15	20	CP-16QAM	L	Outer_Full	18.892	20.160	PASS
N71	15	20	CP-64QAM	L	Outer_Full	18.879	19.880	PASS
N71	15	20	CP-256QAM	L	Outer_Full	18.908	19.720	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	17.906	19.000	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	17.932	18.960	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	17.931	18.800	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	17.911	19.080	PASS
N71	15	20	CP-QPSK	M	Outer_Full	18.91	20.080	PASS
N71	15	20	CP-16QAM	M	Outer_Full	18.943	20.160	PASS
N71	15	20	CP-64QAM	M	Outer_Full	18.992	19.960	PASS
N71	15	20	CP-256QAM	M	Outer_Full	18.908	19.960	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	17.88	18.880	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	17.894	18.920	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	17.91	19.000	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	17.923	18.840	PASS
N71	15	20	CP-QPSK	H	Outer_Full	18.953	19.760	PASS
N71	15	20	CP-16QAM	H	Outer_Full	18.963	20.040	PASS
N71	15	20	CP-64QAM	H	Outer_Full	19.023	19.880	PASS
N71	15	20	CP-256QAM	H	Outer_Full	18.933	19.960	PASS



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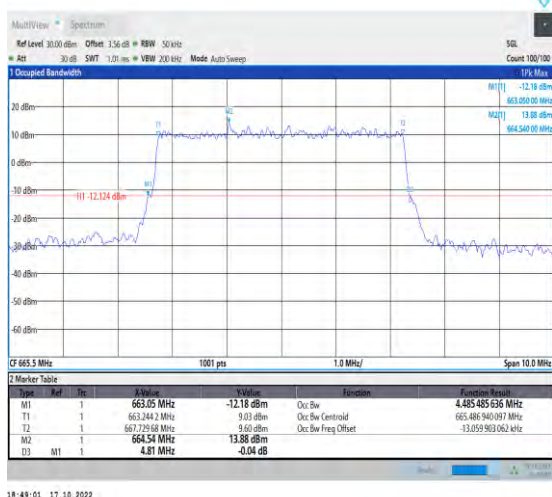
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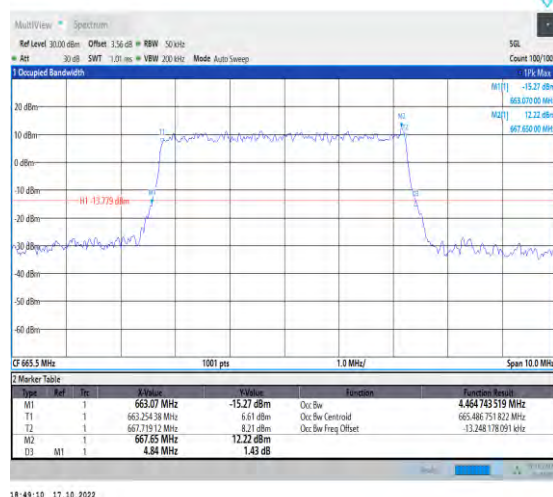
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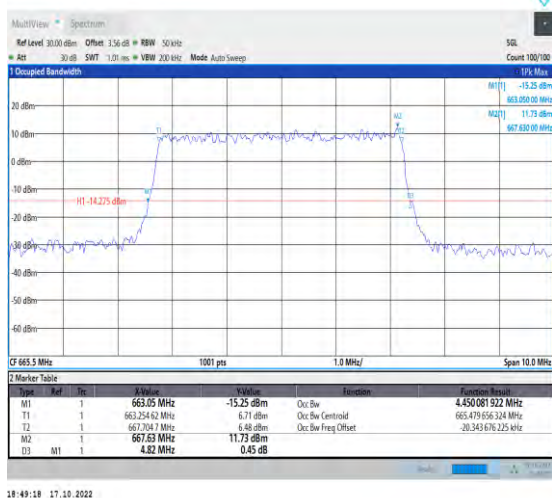
Test Graphs



1-N71-PC3-15-5-L-1-DFT-QPSK-Outer_Full-25@0-
Ant1-4.485-4.810-≤5-PASS



1-N71-PC3-15-5-L-3-DFT-16QAM-Outer_Full-25@0-
Ant1-4.465-4.840-≤5-PASS



1-N71-PC3-15-5-L-4-DFT-64QAM-Outer_Full-25@0-
-Ant1-4.45-4.820-≤5-PASS



1-N71-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-
-Ant1-4.454-4.850-≤5-PASS



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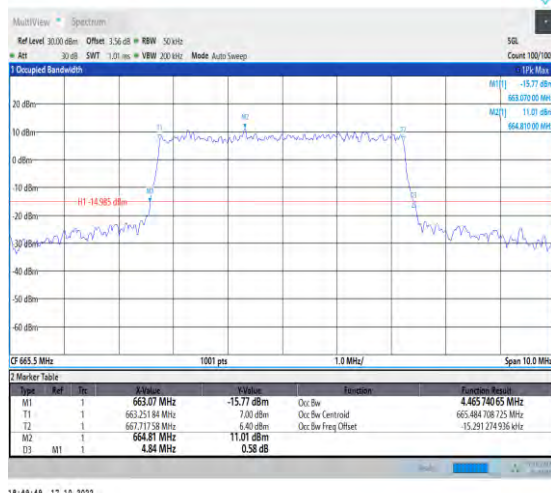
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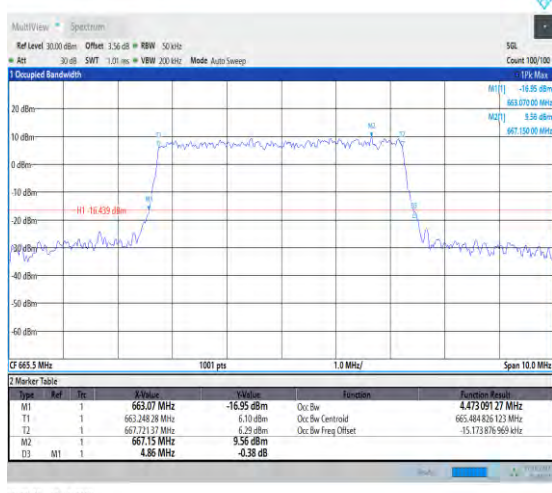
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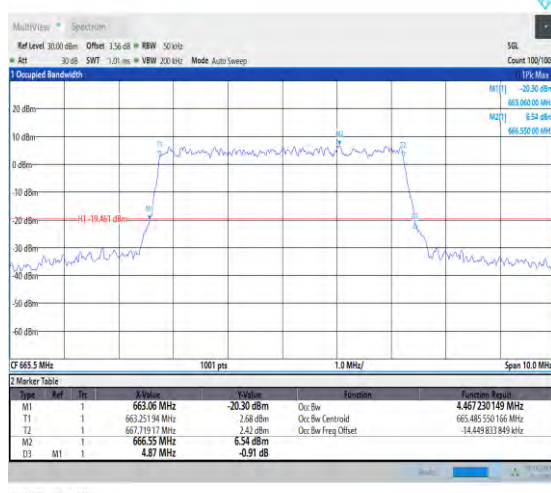
18:49:49 17.10.2022

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1-N71-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-A
nt1-4.466-4.840-≤5-PASS



18:49:58 17.10.2022



18:50:08 17.10.2022

1-N71-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-
Ant1-4.473-4.860-≤5-PASS

1-N71-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-
Ant1-4.467-4.870-≤5-PASS



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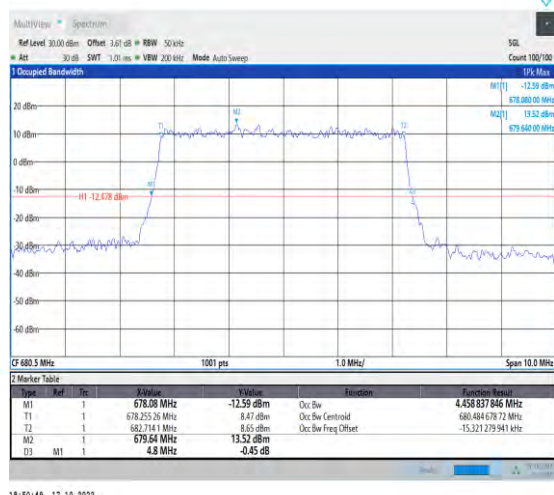
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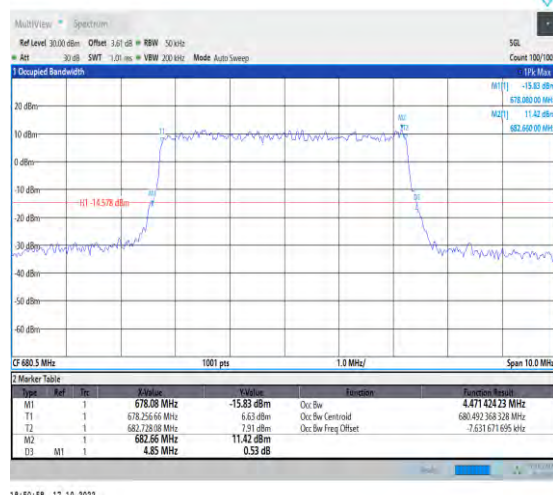
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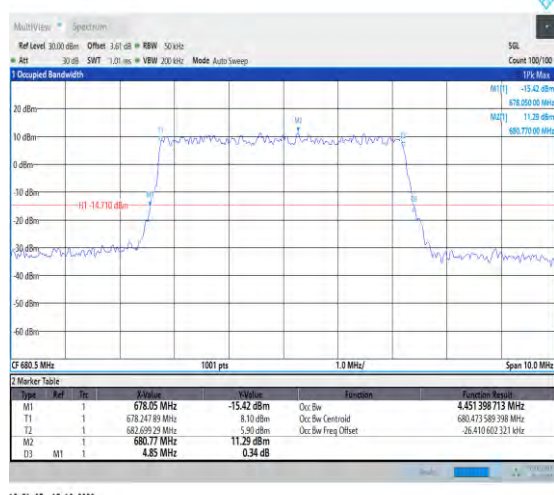
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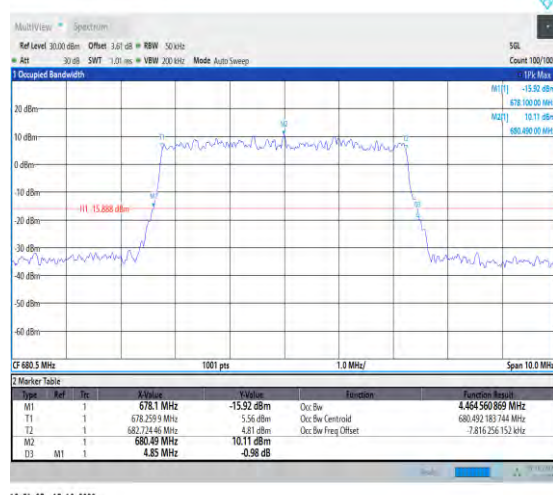
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1-N71-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.459-4.800-≤5-PASS

1-N71-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.471-4.850-≤5-PASS



18:51:07 17.10.2022



18:51:27 17.10.2022

1-N71-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.451-4.850-≤5-PASS

1-N71-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.465-4.850-≤5-PASS



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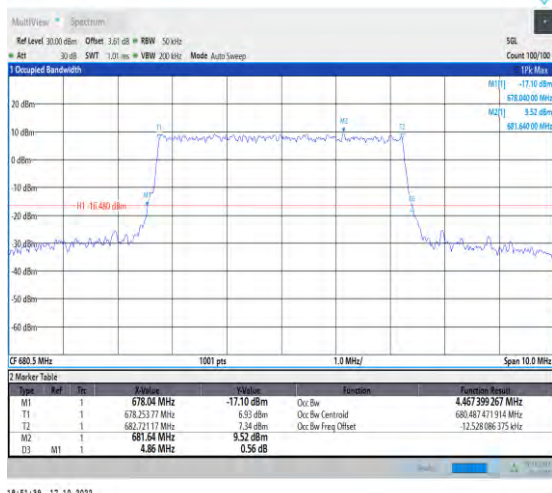
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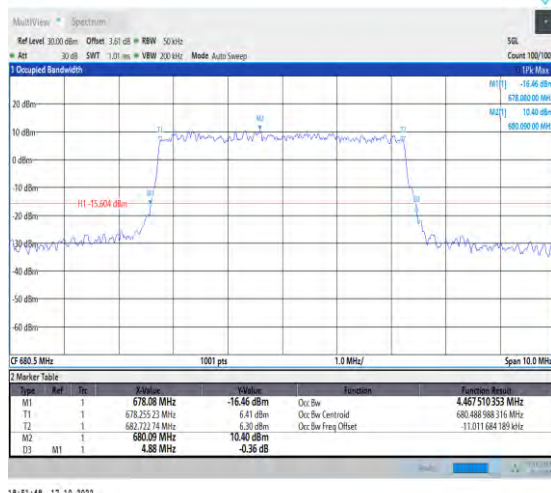
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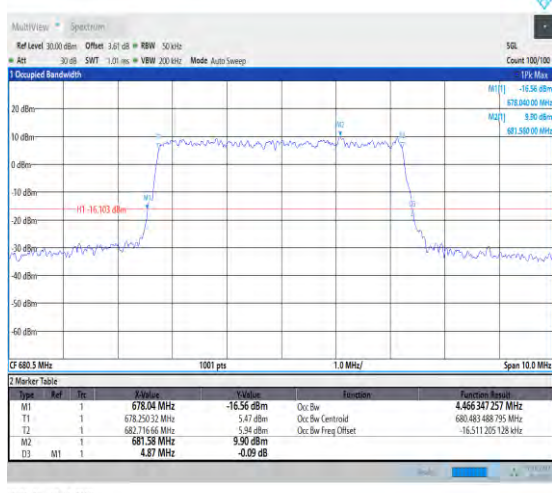
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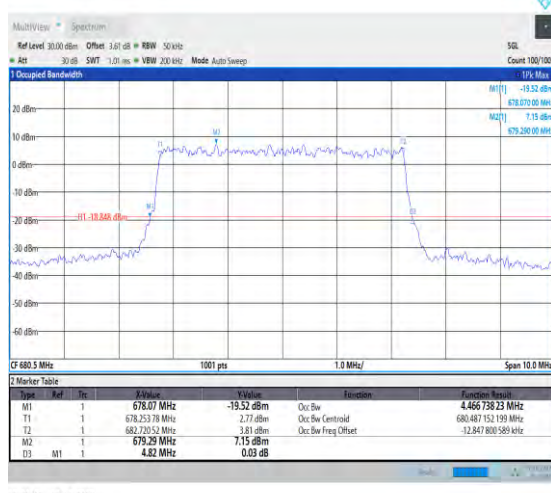
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Ant1-4.468-4.880-≤5-PASS



18:51:57 17.10.2022

1-N71-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-
Ant1-4.466-4.870-≤5-PASS



18:52:07 17.10.2022

1-N71-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-
-Ant1-4.467-4.820-≤5-PASS



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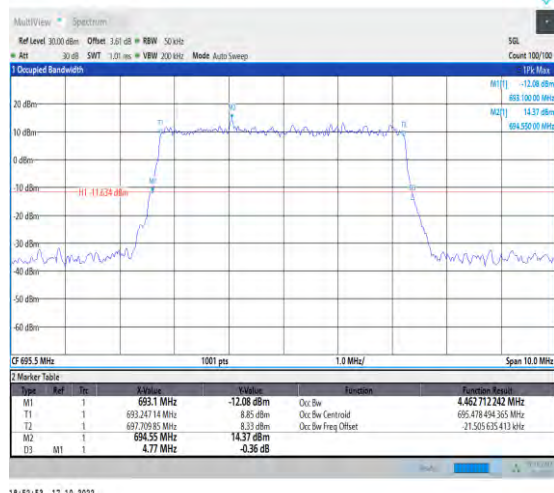
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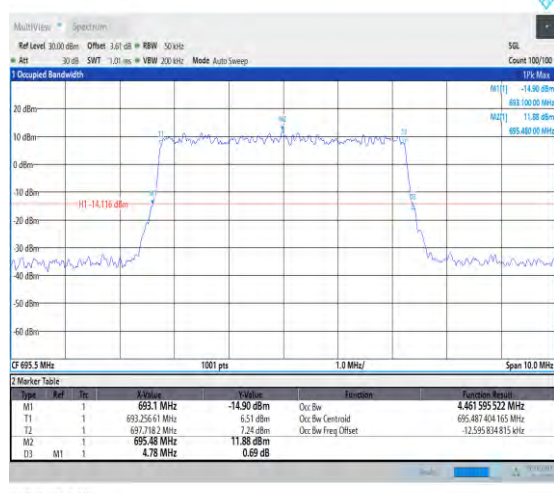
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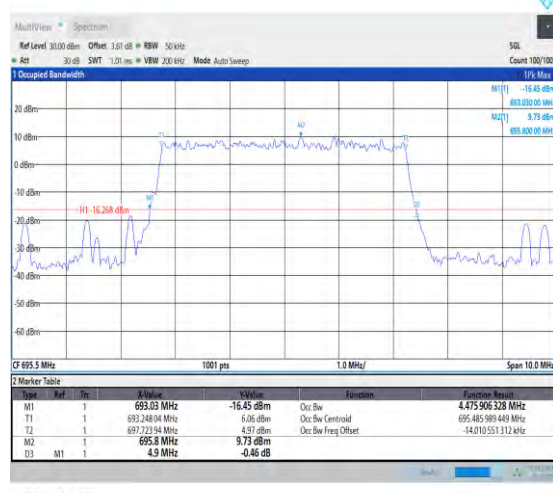
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18:53:11 17.10.2022

1-N71-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.462-4.780-≤5-PASS



18:53:21 17.10.2022

1-N71-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.476-4.900-≤5-PASS



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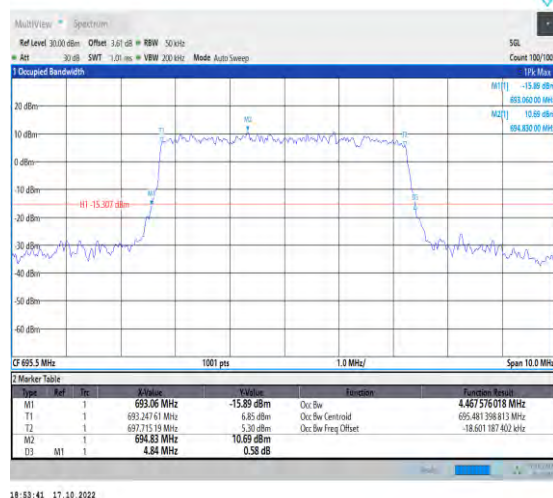
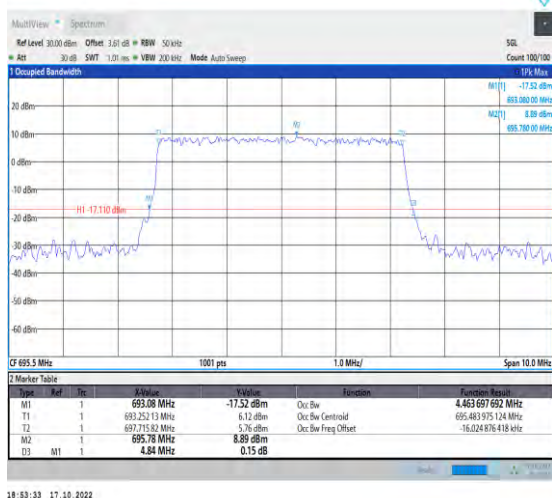
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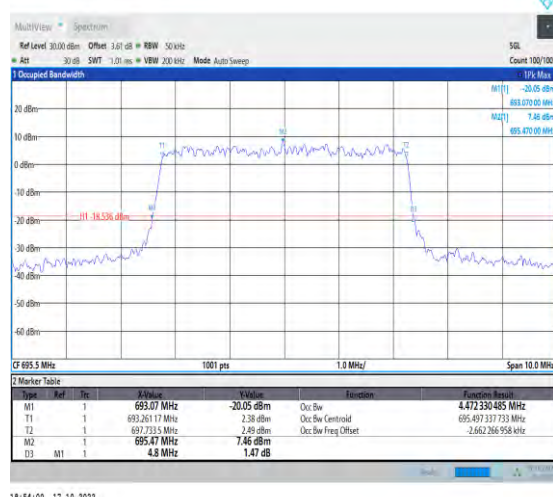
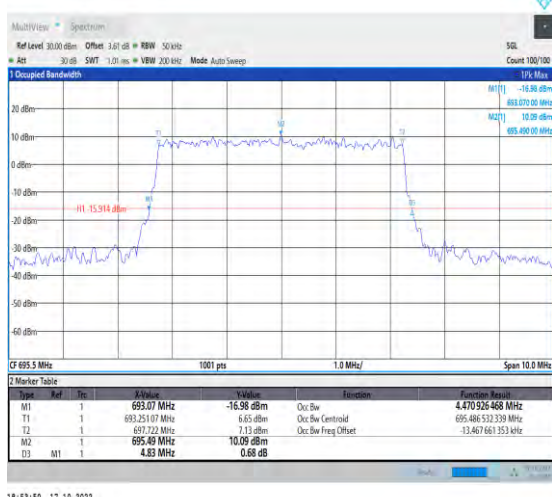
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1-N71-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-A
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1-N71-PC3-15-5-H-7-CP-16QAM-Outer_Full-25@0-A
Ant1-4.468-4.840-≤5-PASS



1-N71-PC3-15-5-H-8-CP-64QAM-Outer_Full-25@0-A
Ant1-4.471-4.830-≤5-PASS

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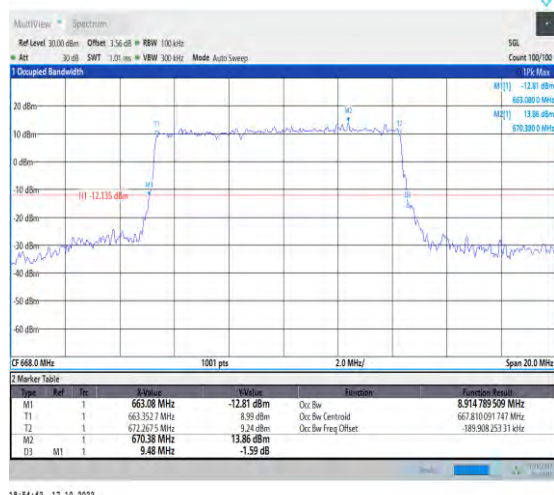
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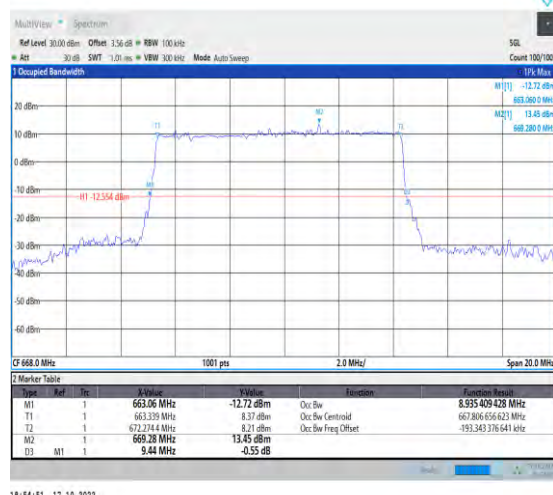
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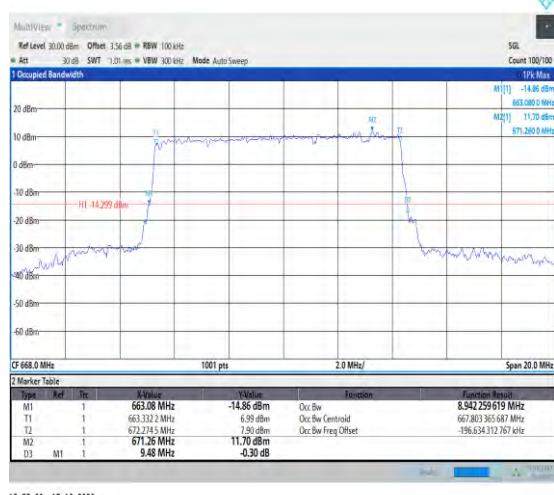
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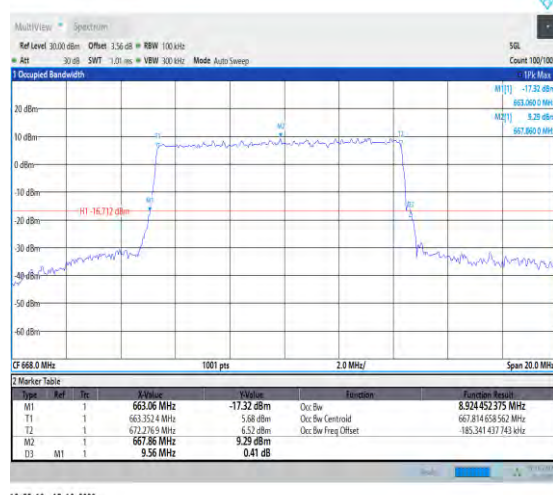
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1-N71-PC3-15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.935-9.440-≤10-PASS



18:55:00 17.10.2022



18:55:10 17.10.2022

1-N71-PC3-15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.942-9.480-≤10-PASS

1-N71-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.924-9.560-≤10-PASS



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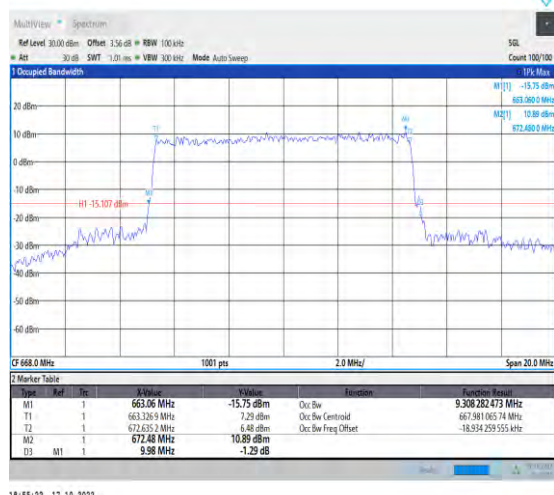
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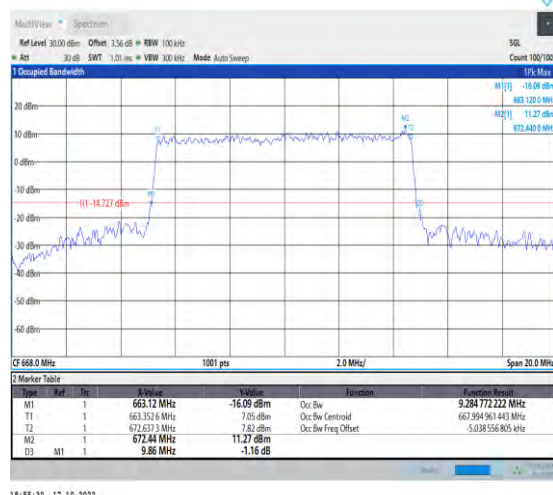
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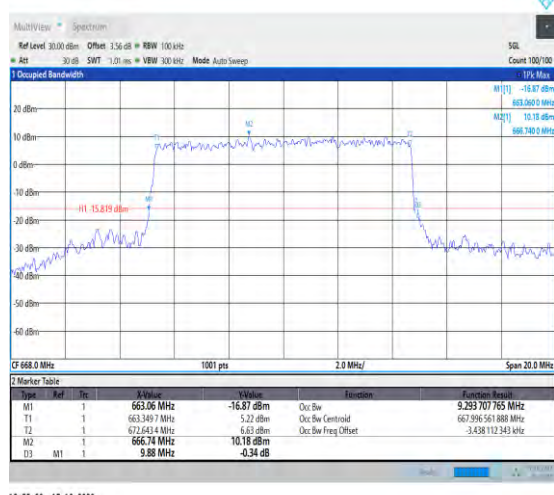
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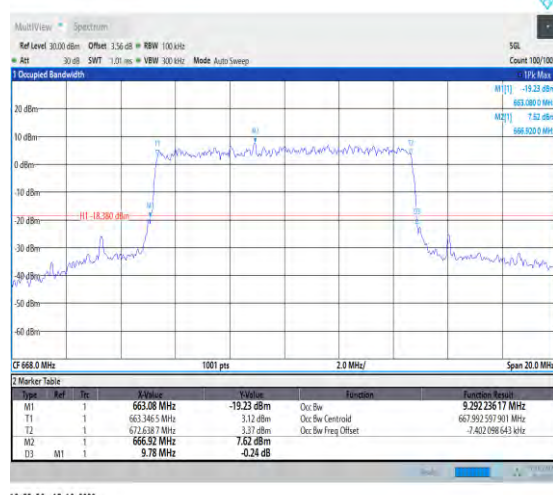
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18:55:39 17.10.2022



18:55:56 17.10.2022

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1-N71-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.292-9.780-≤10-PASS



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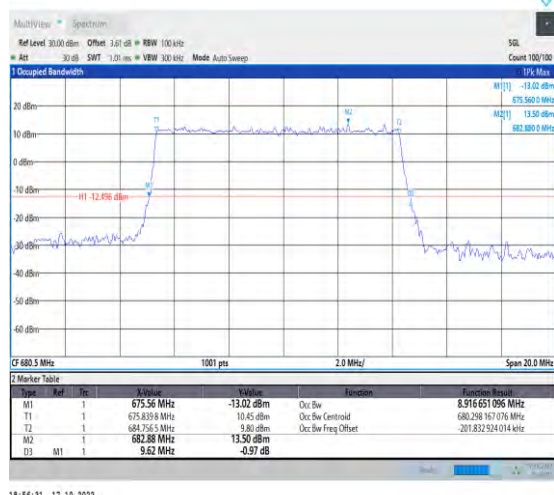
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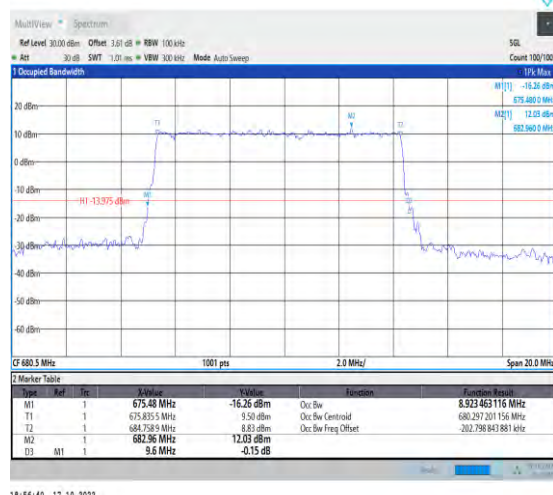
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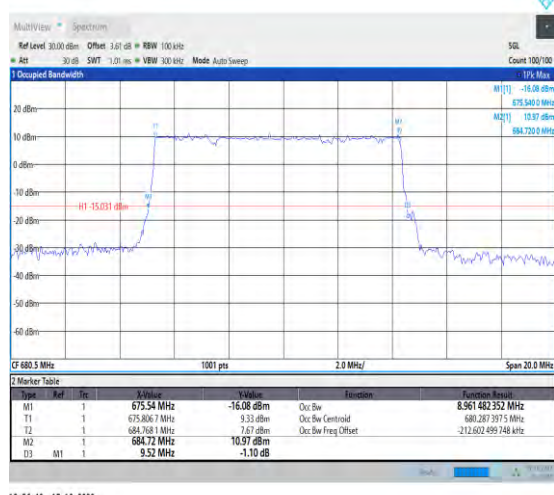
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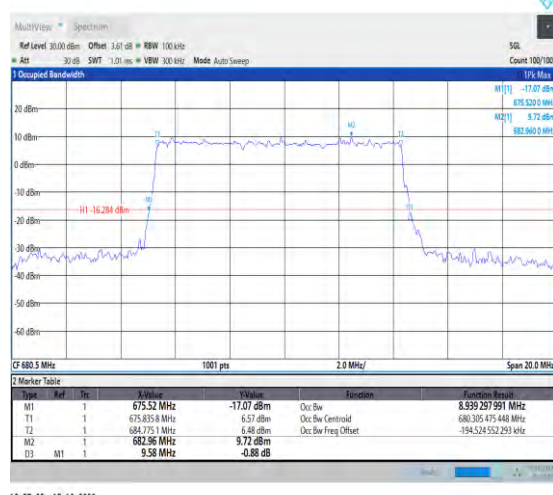
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18:56:49 17.10.2022

1-N71-PC3-15-10-M-4-DFT-64QAM-Outet_Full-50@0-Ant1-8.961-9.520-≤10-PASS



18:57:05 17.10.2022

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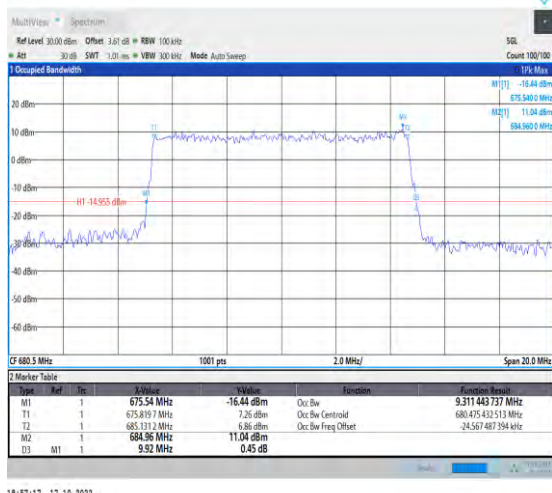
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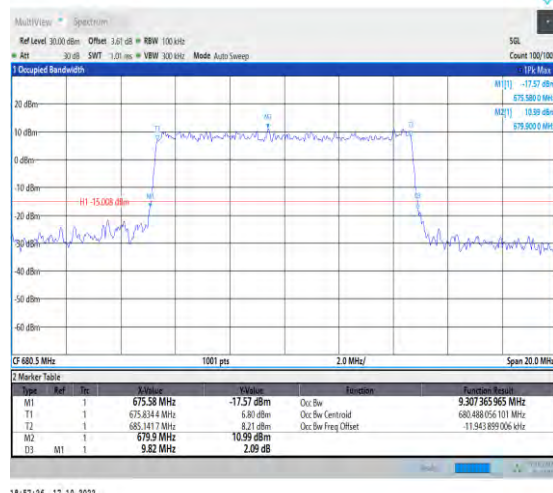
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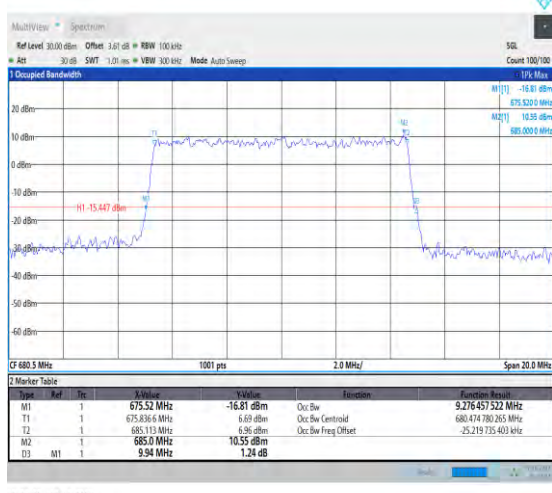
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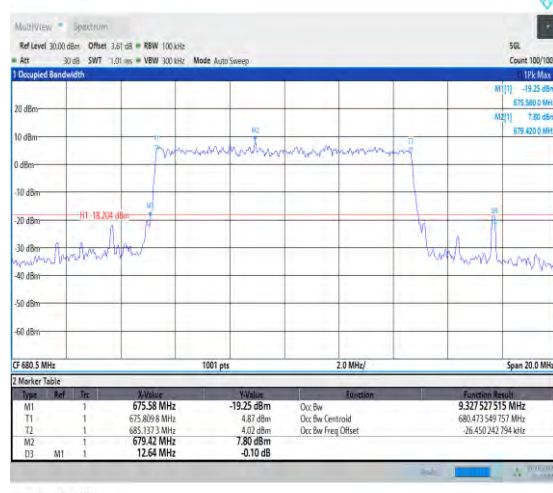
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1-N71-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.307-9.820-≤10-PASS



18:57:38 17.10.2022



18:57:45 17.10.2022

1-N71-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.276-9.940-≤10-PASS

1-N71-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.328-12.640-≤10-PASS



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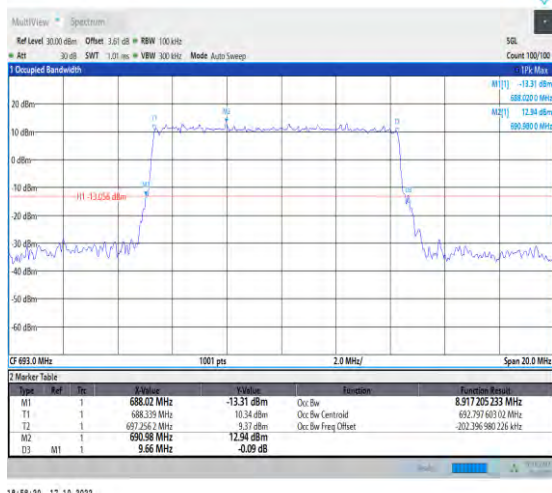
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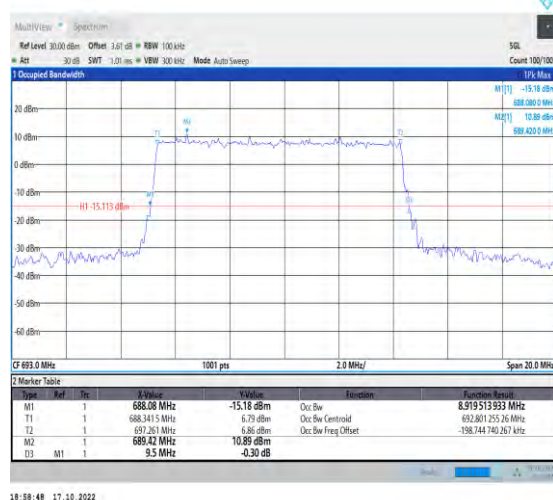
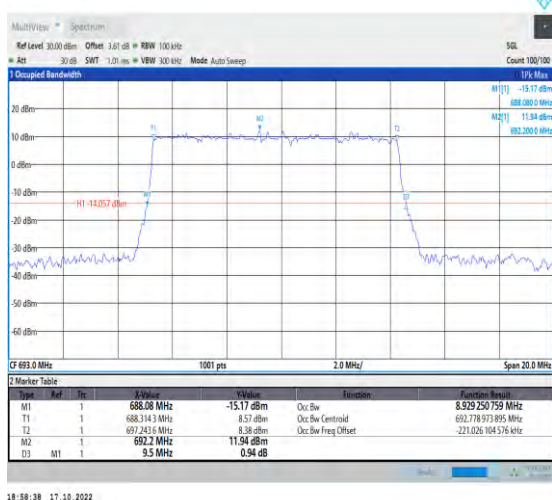
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1-N71-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.917-9.660-≤10-PASS

1-N71-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.914-9.560-≤10-PASS



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1-N71-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.92-9.500-≤10-PASS



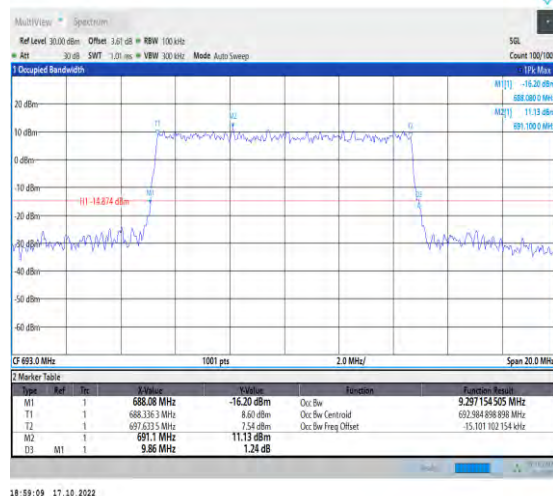
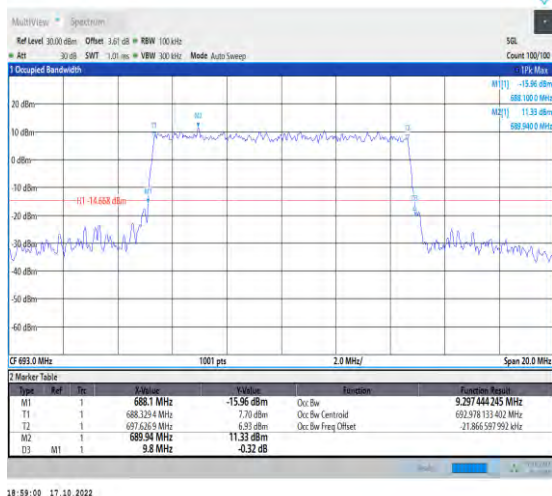
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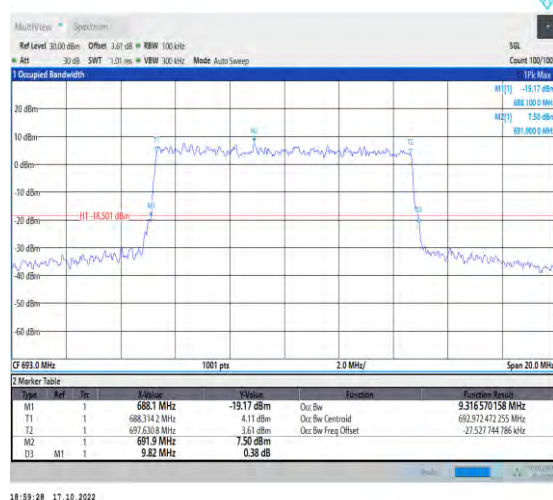
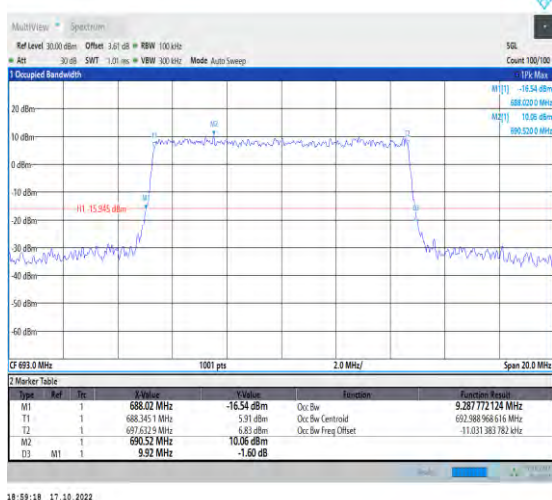
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1-N71-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.297-9.800-≤10-PASS

1-N71-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9.297-9.860-≤10-PASS



1-N71-PC3-15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant1-9.288-9.920-≤10-PASS

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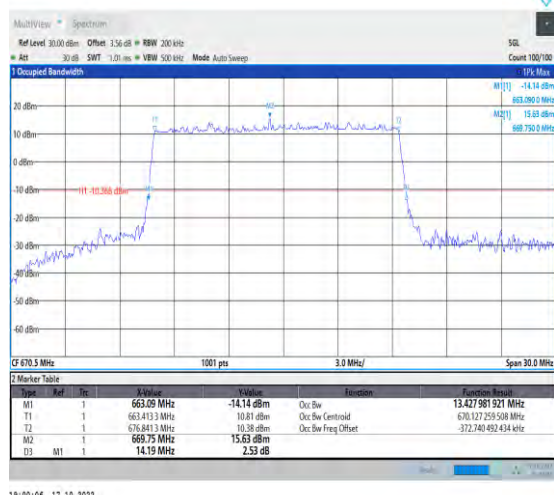
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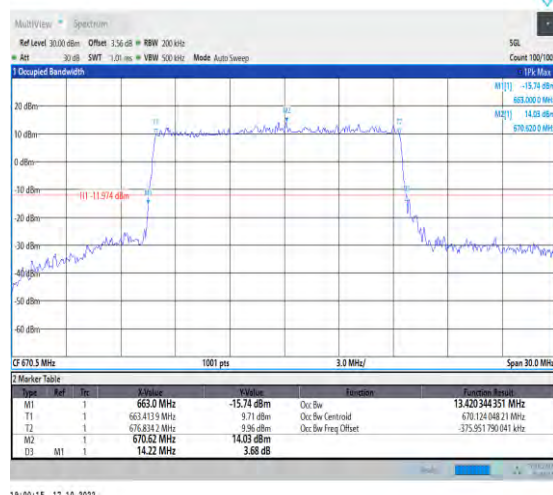
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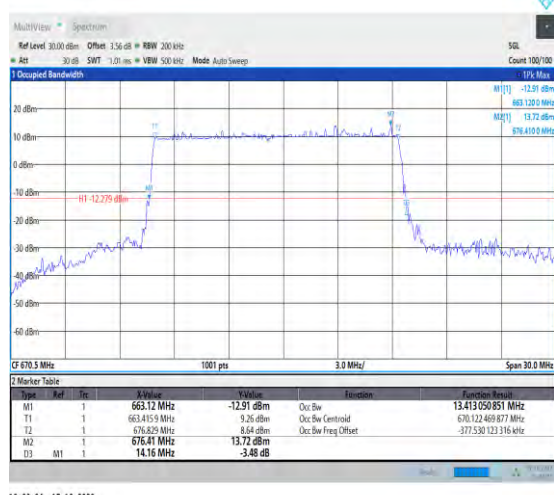
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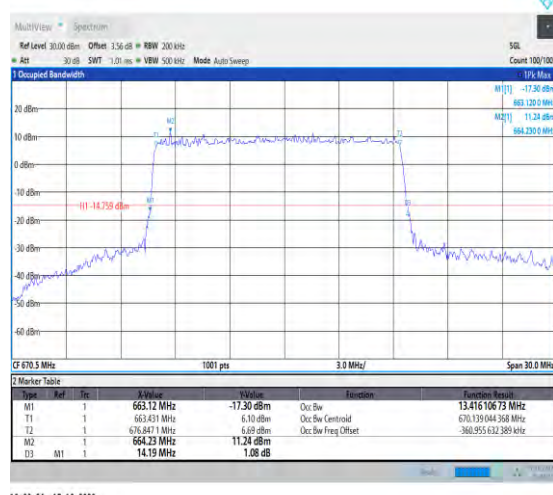
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19:00:34 17.10.2022

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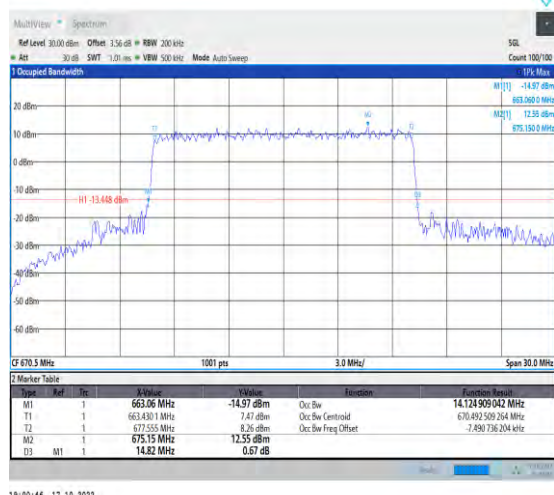
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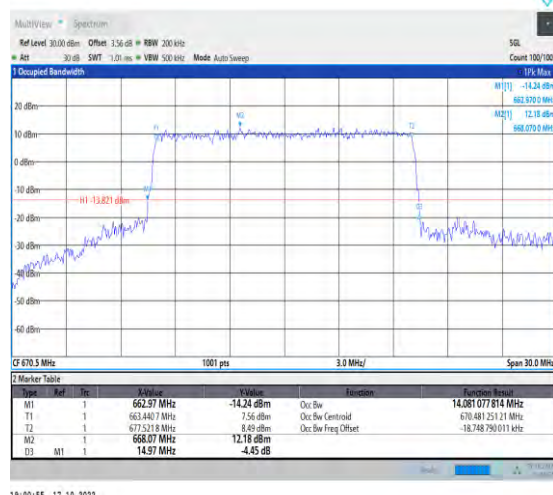
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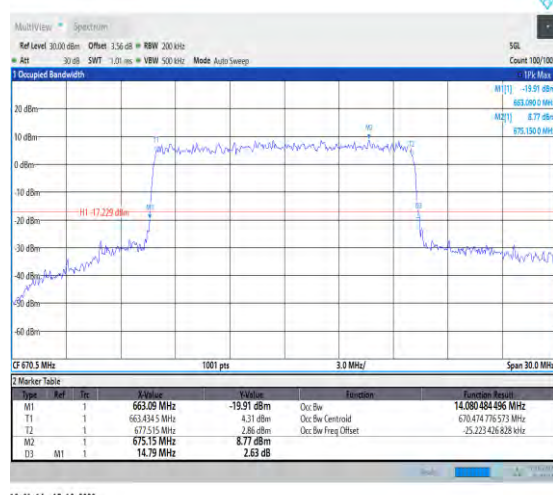
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19:01:03 17.10.2022



19:01:14 17.10.2022

1-N71-PC3-15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant1-14.118-14.790-≤15-PASS

1-N71-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant1-14.08-14.790-≤15-PASS



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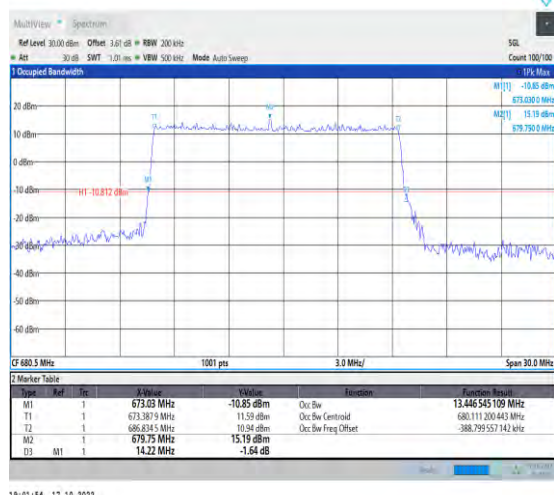
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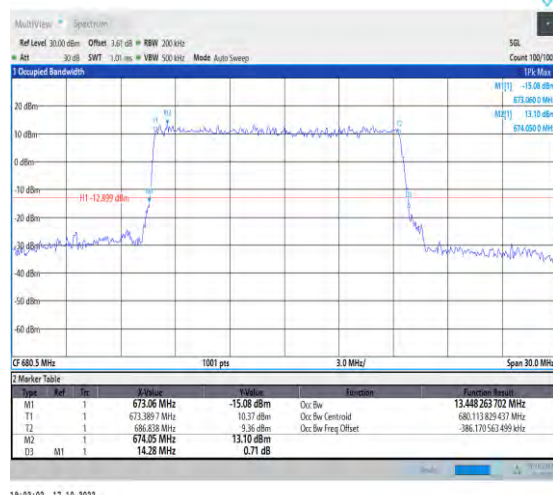
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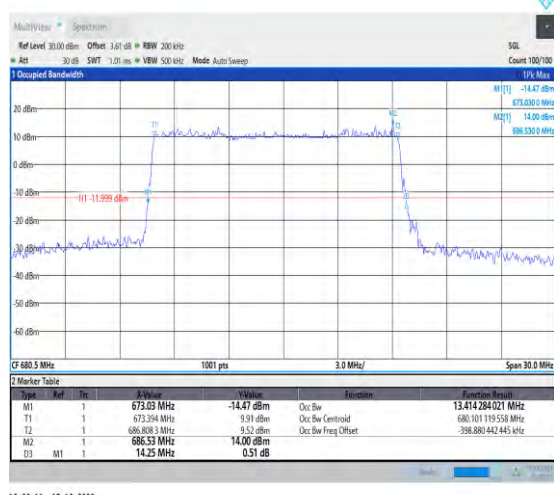
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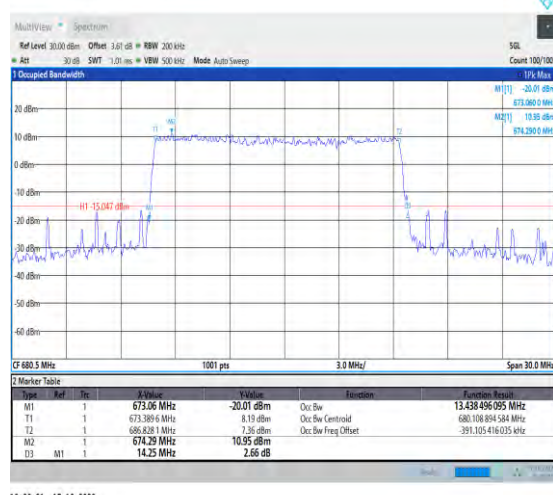
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1-N71-PC3-15-15-M-5-DFT-256QAM-Outter_Full-75@0-Ant1-13.438-14.250-≤15-PASS



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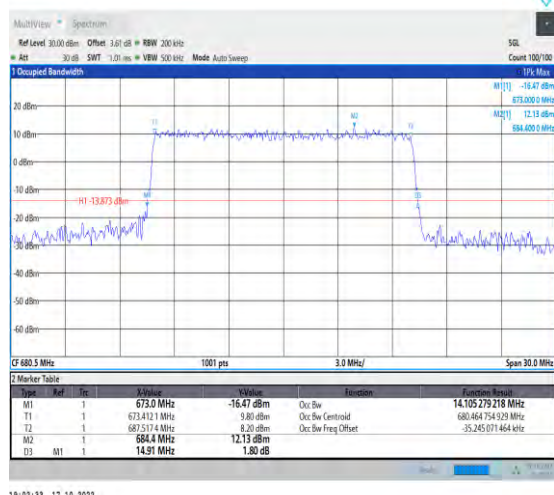
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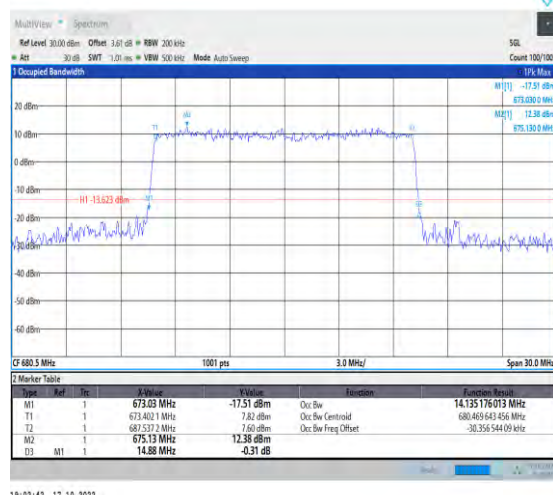
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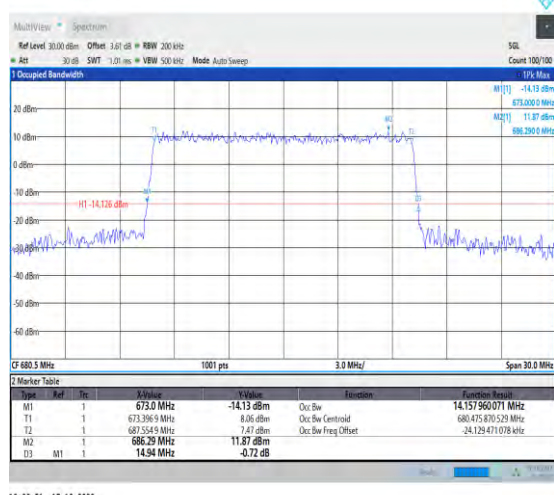
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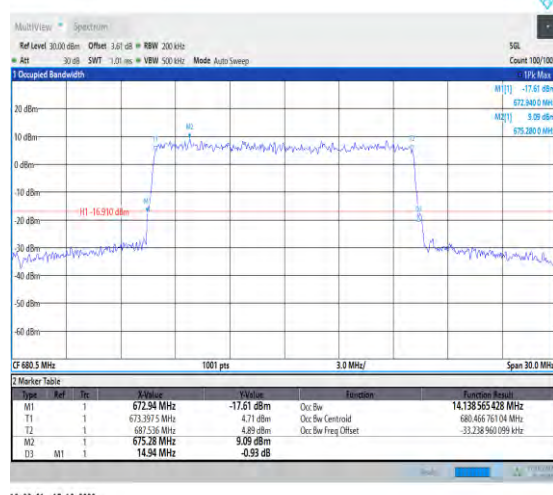
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1-N71-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-14.135-14.880-≤15-PASS



19-02-51 17.10.2022



19-03-01 17.10.2022

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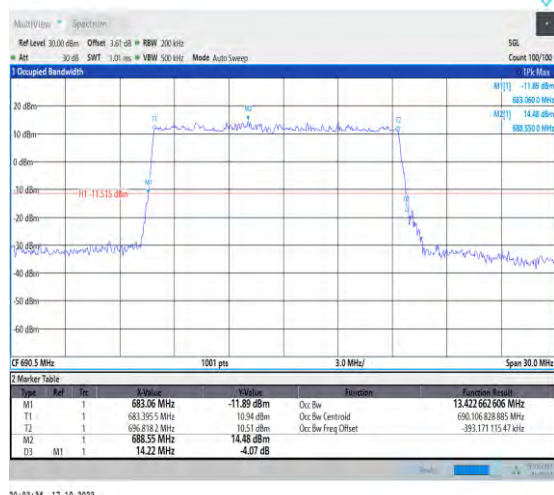
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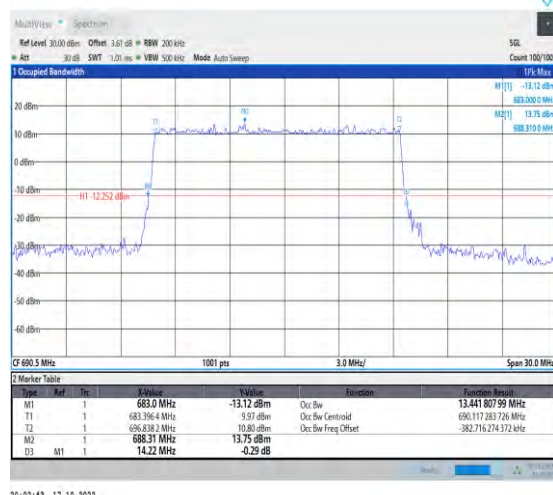
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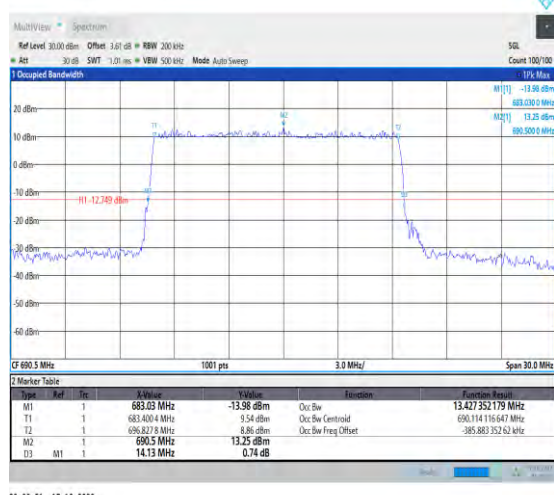
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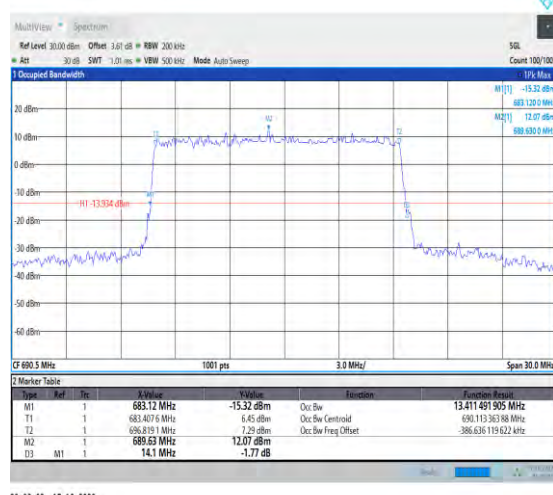
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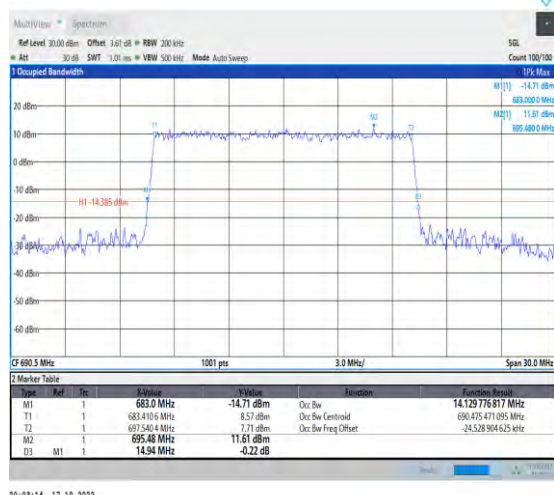
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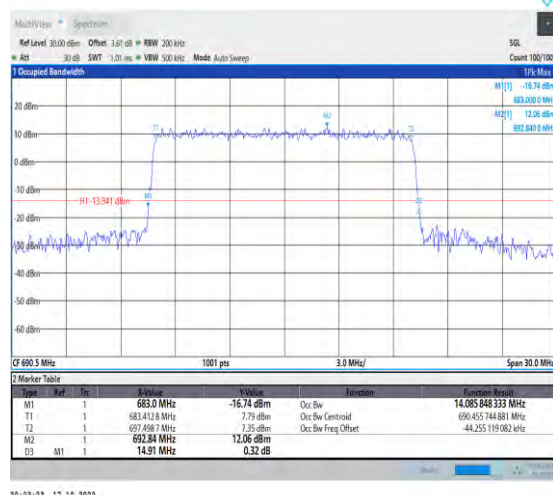
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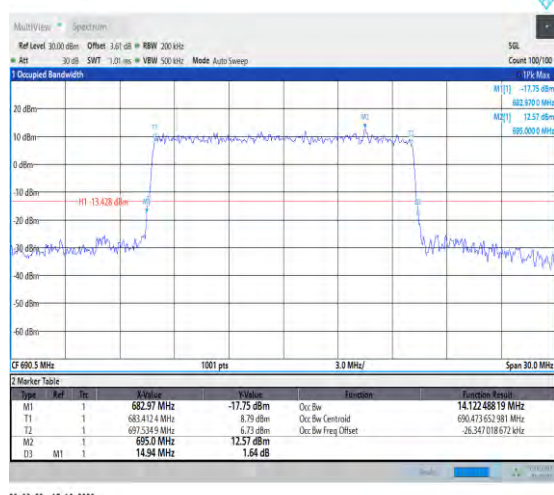
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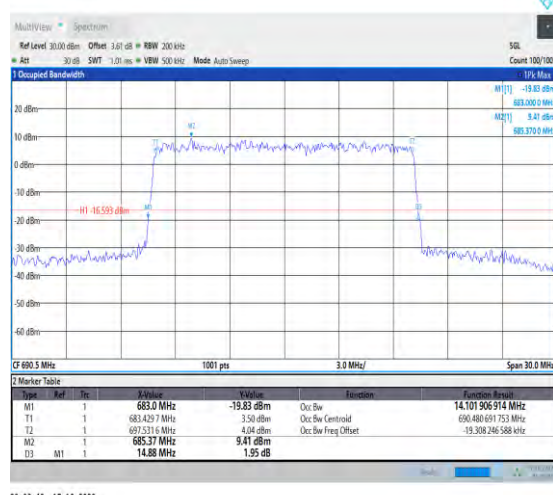
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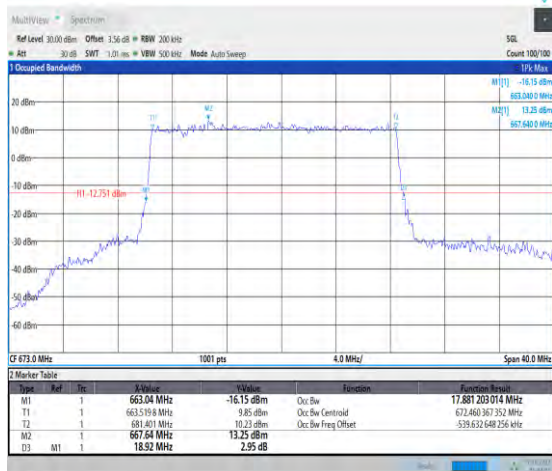
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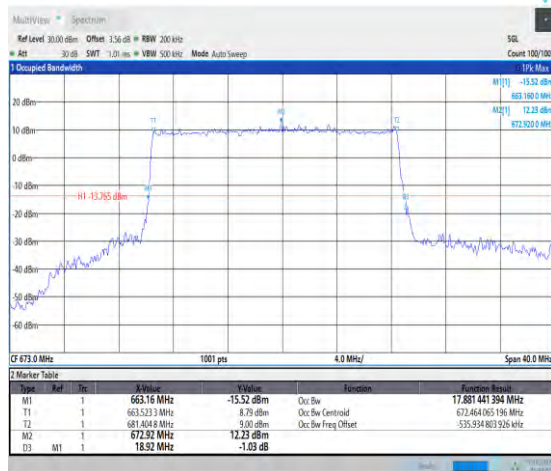
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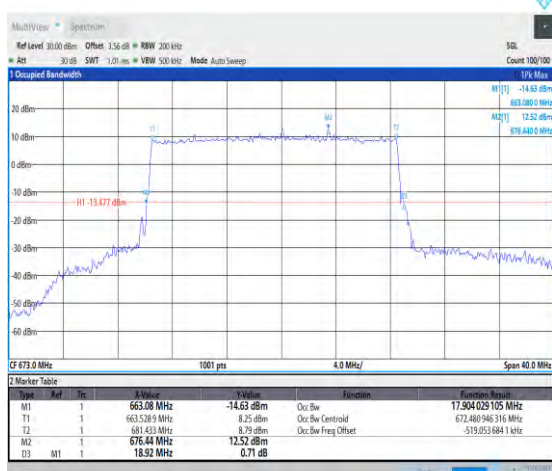
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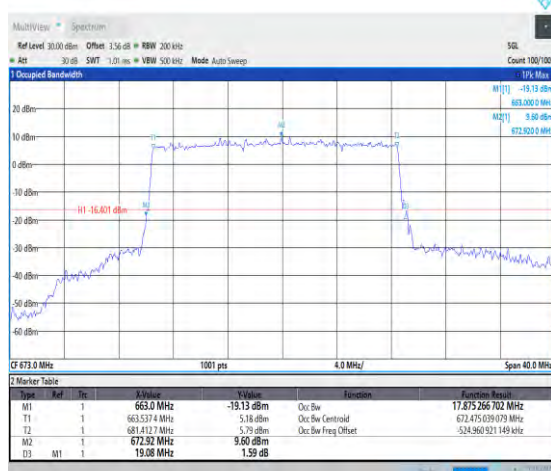
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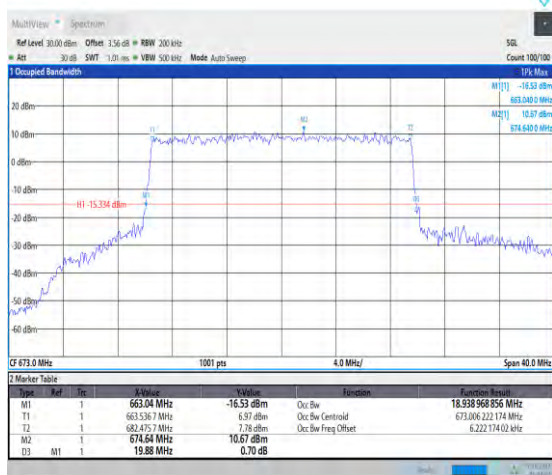
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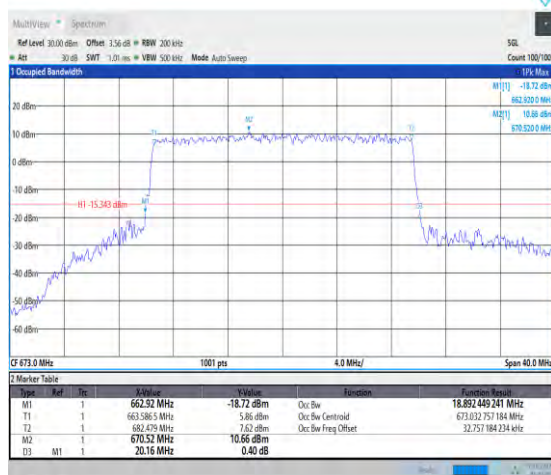
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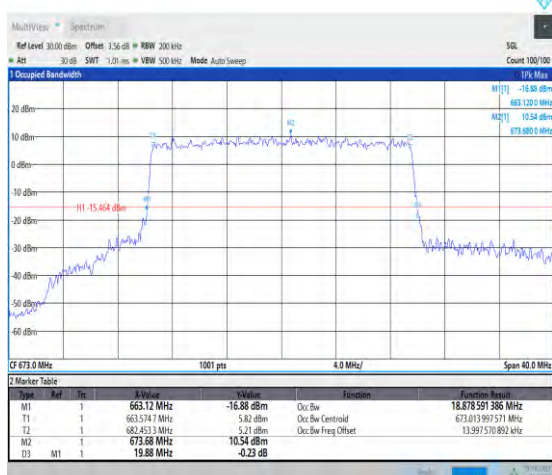
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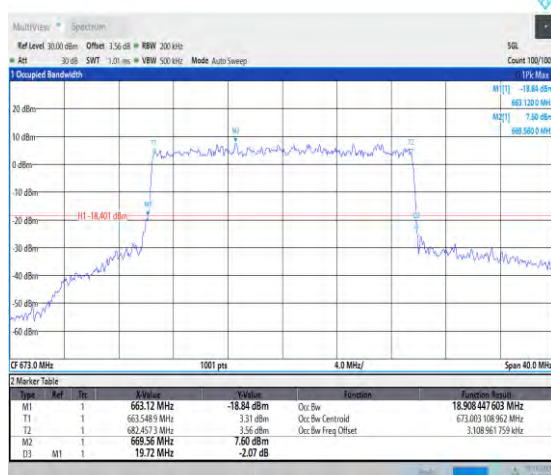
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20:05:22 17.10.2022

1-N71-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant1-18.908-19.720-≤20-PASS



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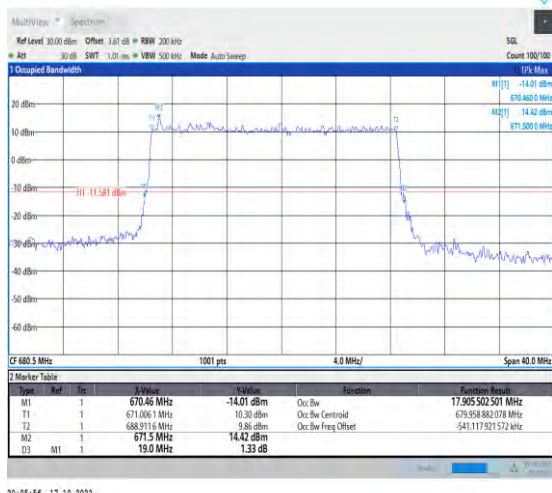
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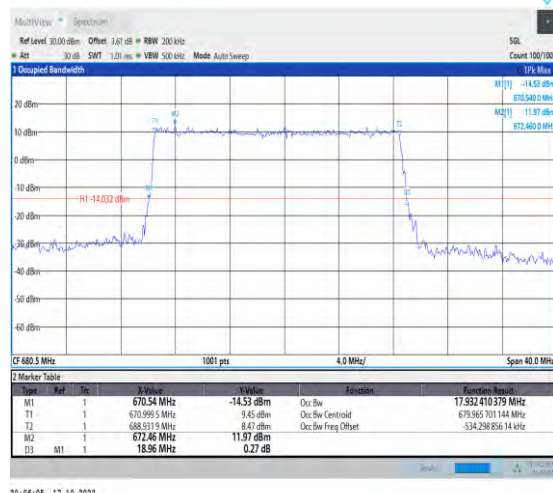
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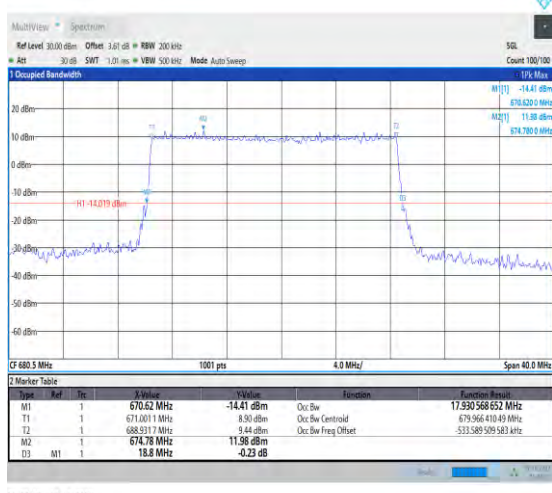
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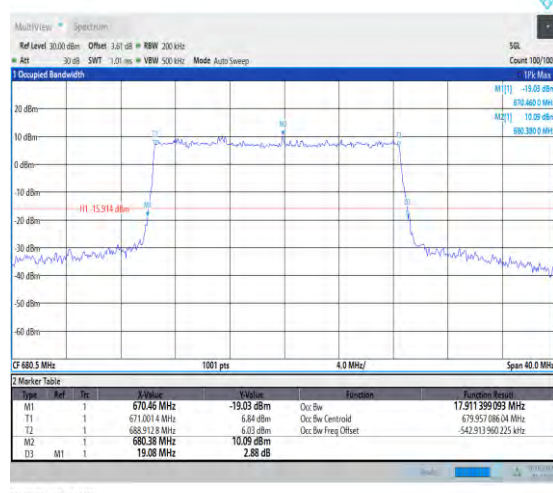
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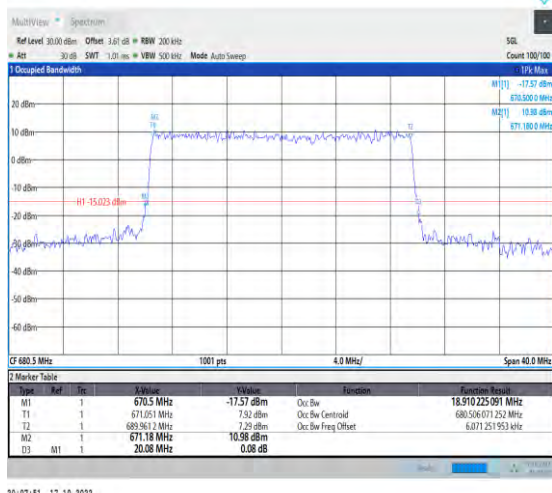
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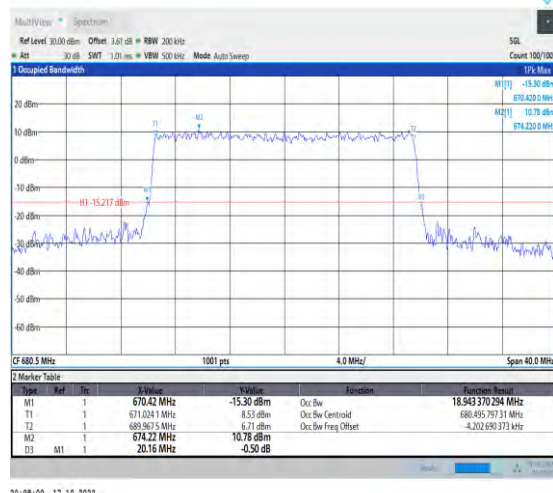
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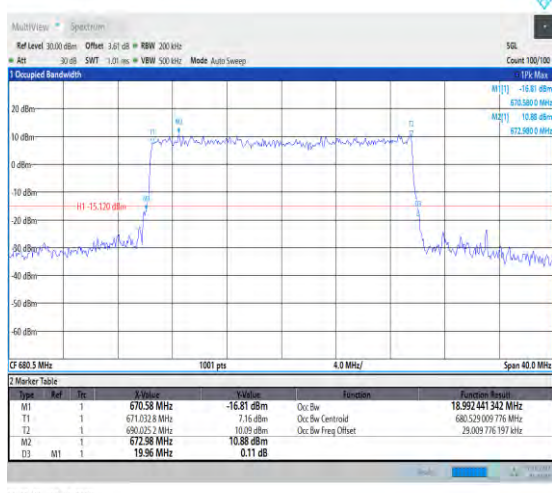
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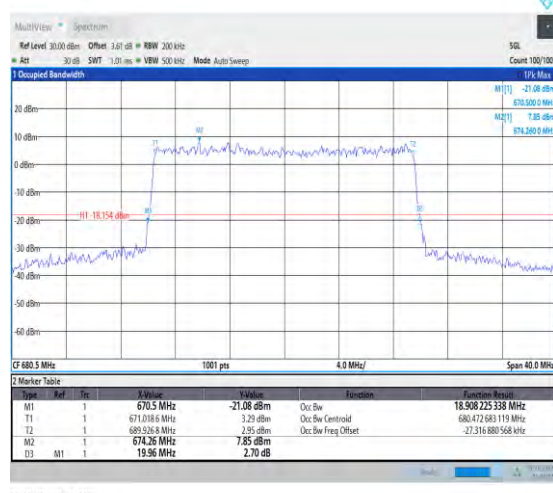
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20:08:25 17.10.2022

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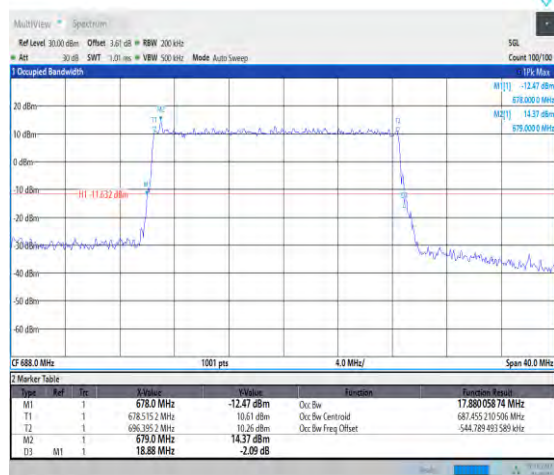
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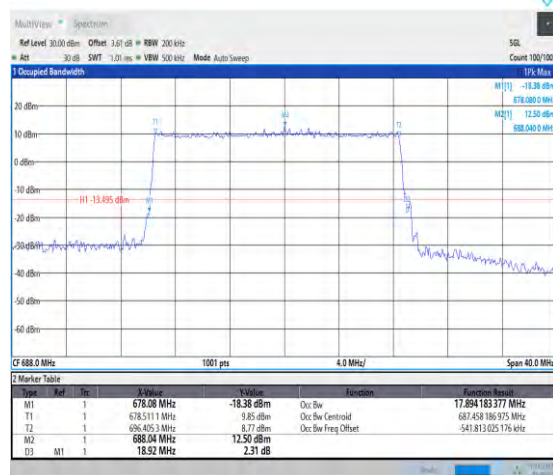
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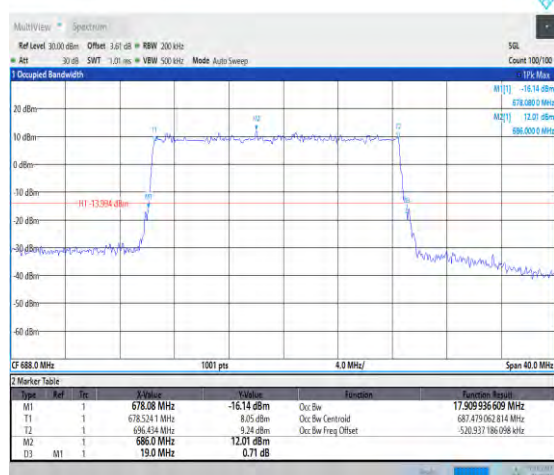
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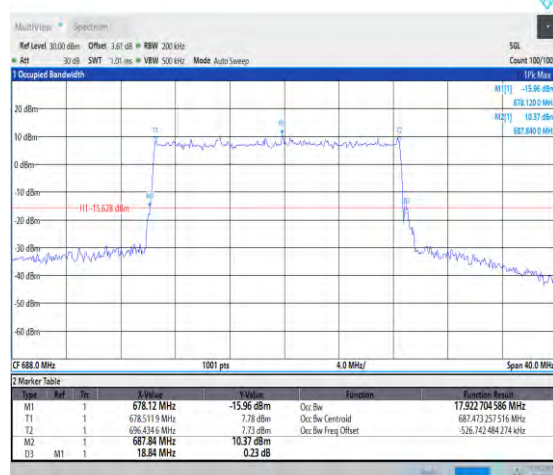
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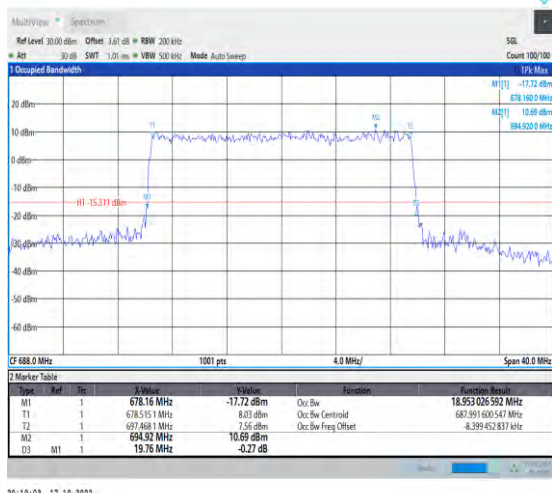
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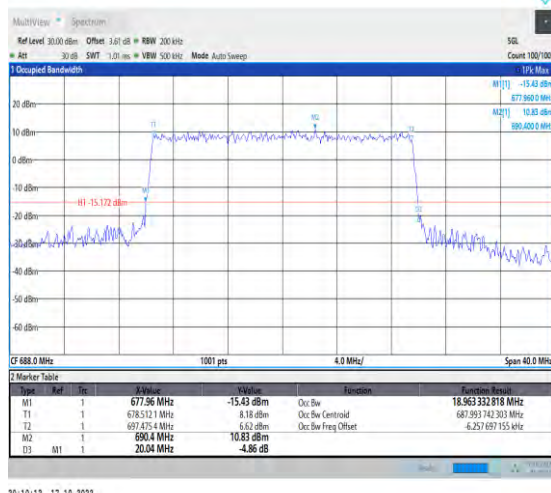
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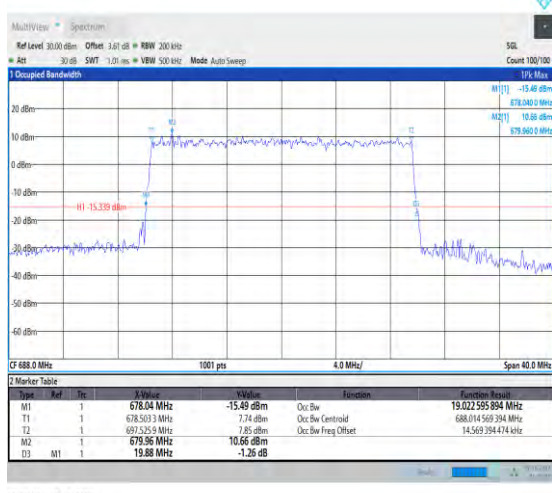
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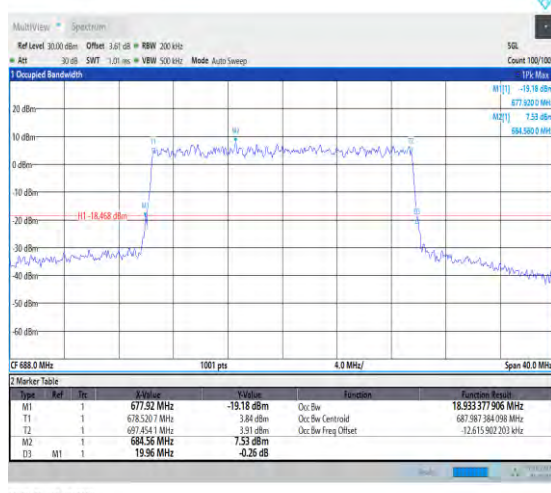
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1-N71-PC3-15-20-H-8-CP-64QAM-Out_106@0-Ant1-19.023-19.880-≤20-PASS

1-N71-PC3-15-20-H-9-CP-256QAM-Out_106@0-Ant1-18.933-19.960-≤20-PASS



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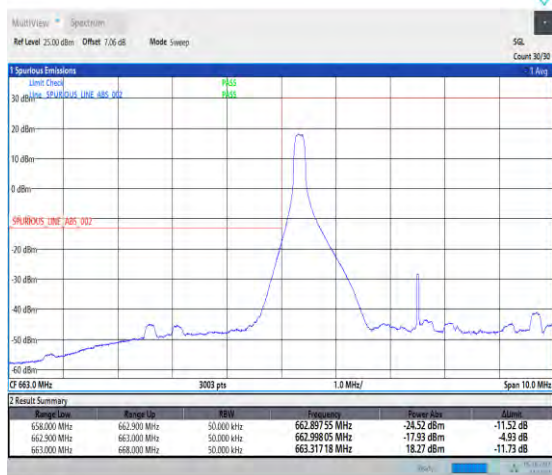
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Band Edge for SA

Test Graphs



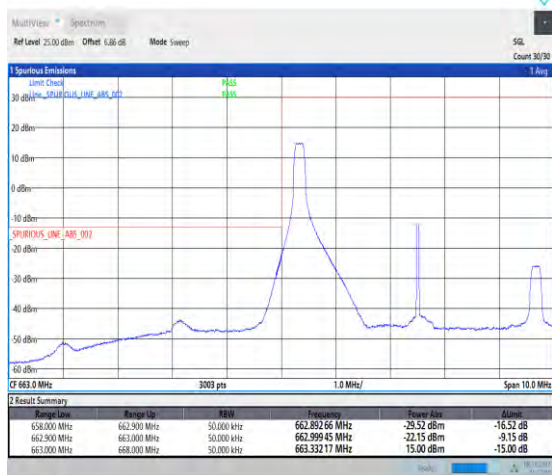
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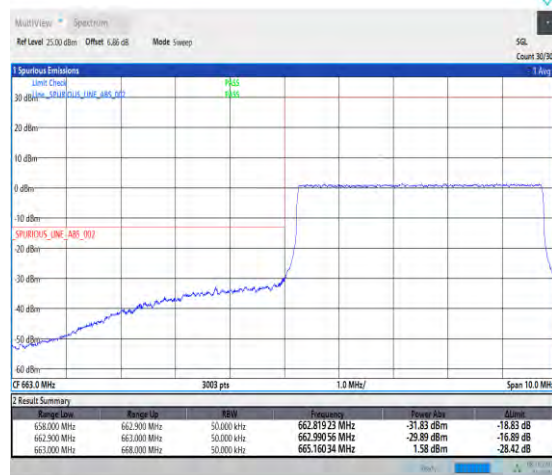
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Ant1-1--PASS-see graph



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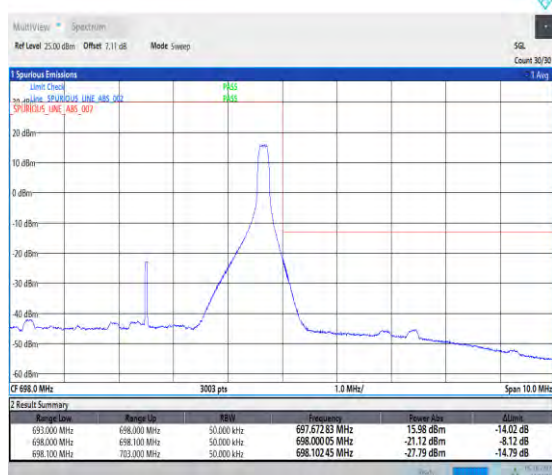
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14:22:17 05.10.2022

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14:23:27 05.10.2022

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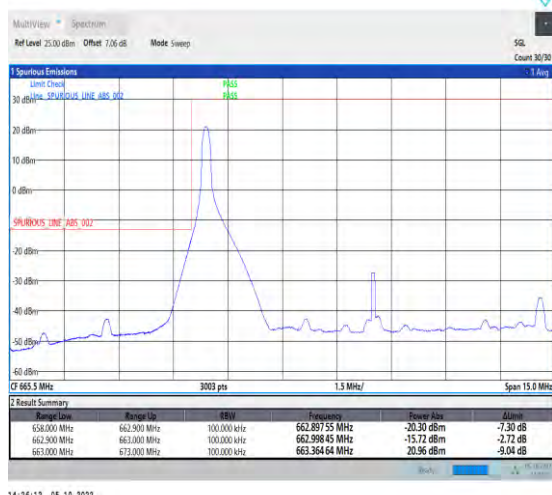
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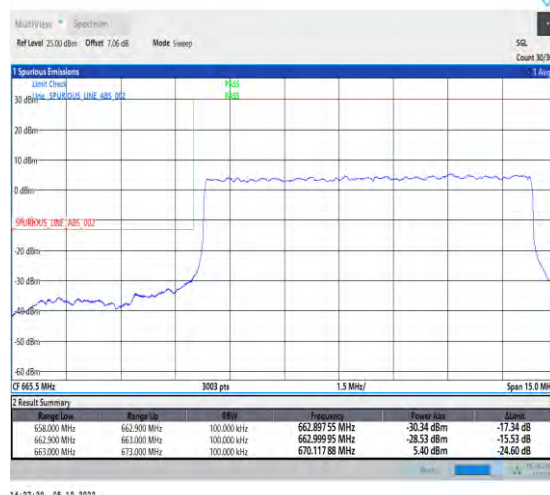
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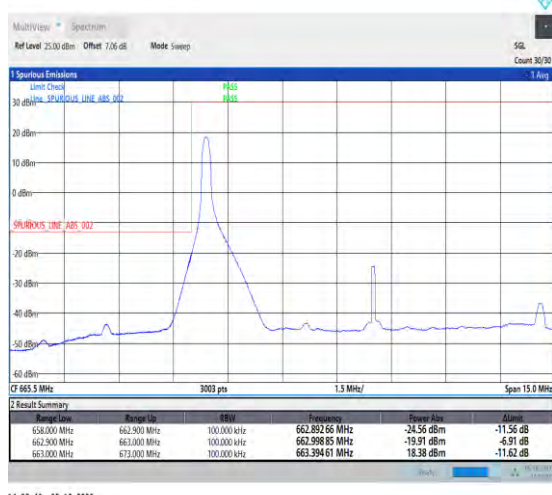
14:26:12 05.10.2022

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0-Ant1-1--PASS-see graph



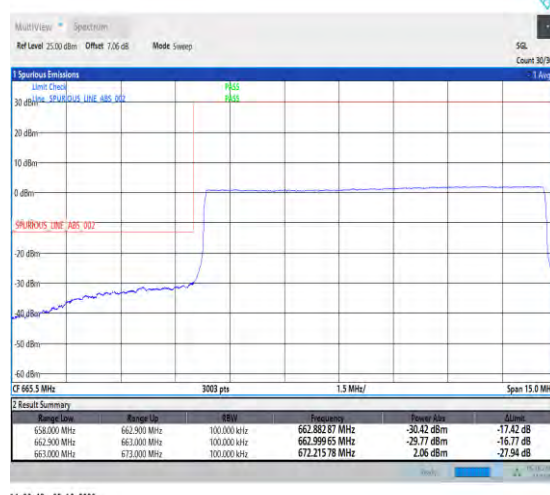
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0-Ant1-1--PASS-see graph



14:28:40 05.10.2022

1-N71-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0
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14:29:48 05.10.2022

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



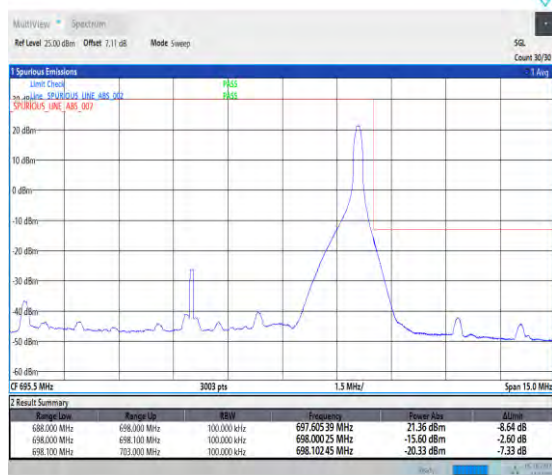
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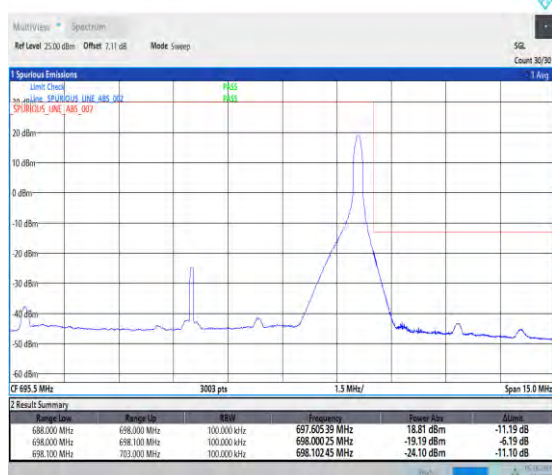
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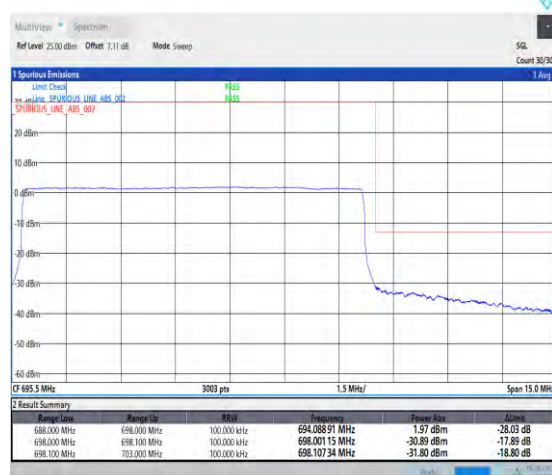
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@0-Ant1-1--PASS-see graph



14:33:40 05.10.2022

1-N71-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1
@51-Ant1-1--PASS-see graph



14:34:48 05.10.2022

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



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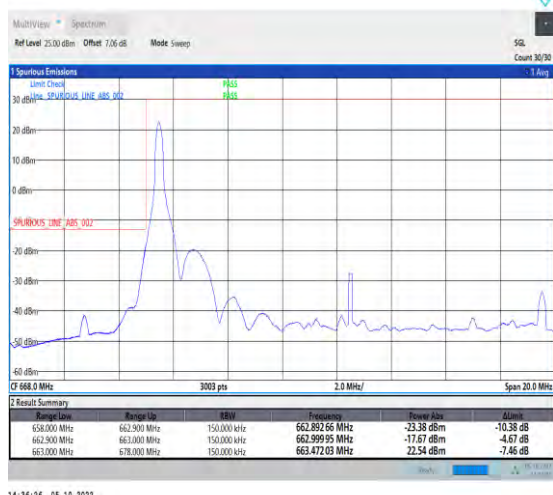
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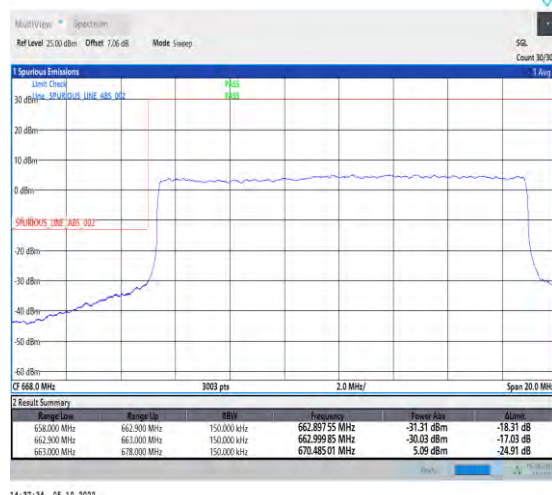
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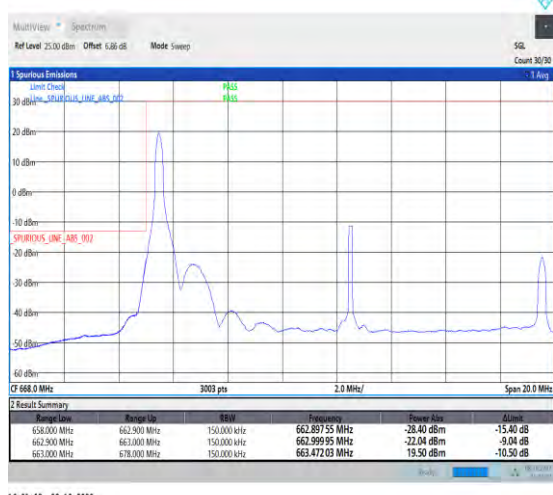
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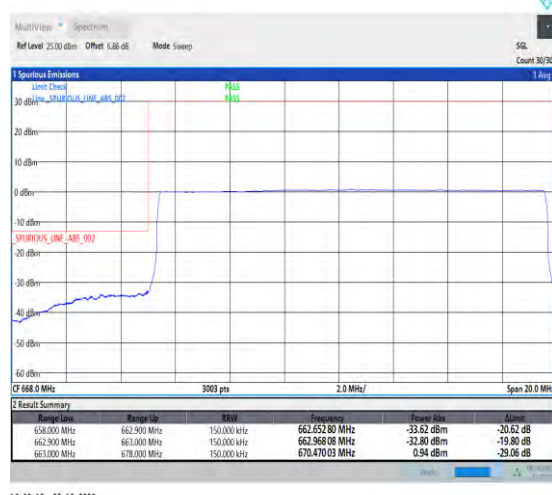
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1-N71-PC3-15-15-L-3-DFT-QPSK-Outer_Full-75@
0-Ant1-1--PASS-see graph



16:01:08 08.10.2022

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



16:02:15 08.10.2022

1-N71-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@
0-Ant1-1--PASS-see graph



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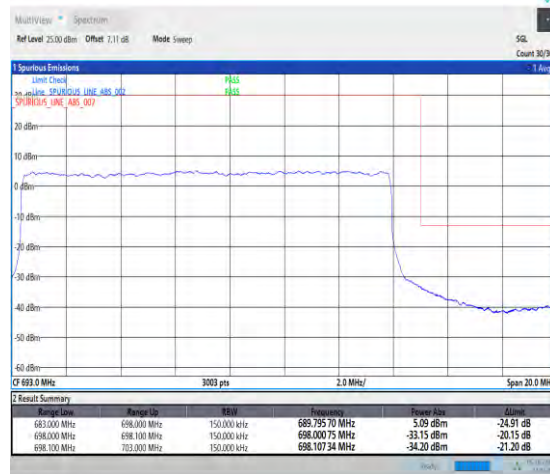
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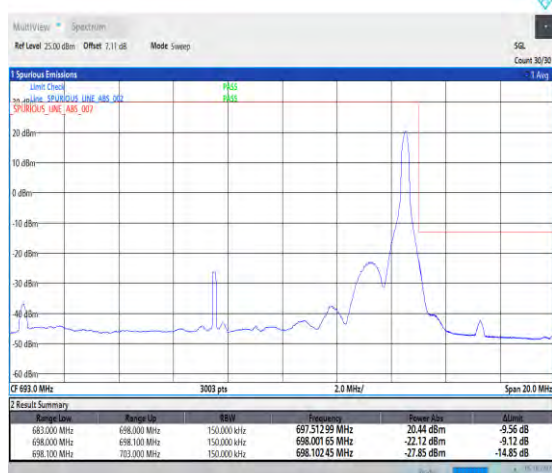
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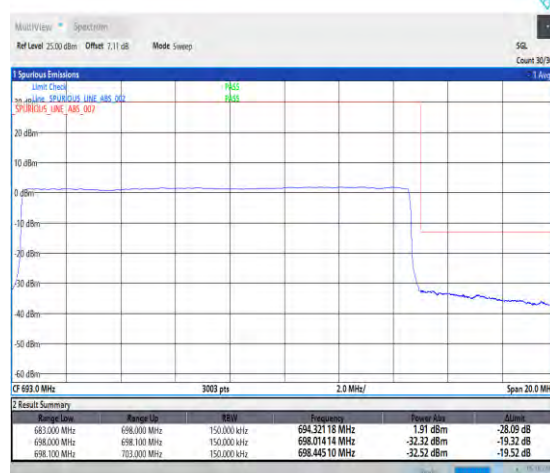
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1-N71-PC3-15-15-H-3-DFT-QPSK-Outer_Full-75
@0-Ant1-1--PASS-see graph



14:43:15 05.10.2022

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



14:44:23 05.10.2022

1-N71-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@
0-Ant1-1--PASS-see graph



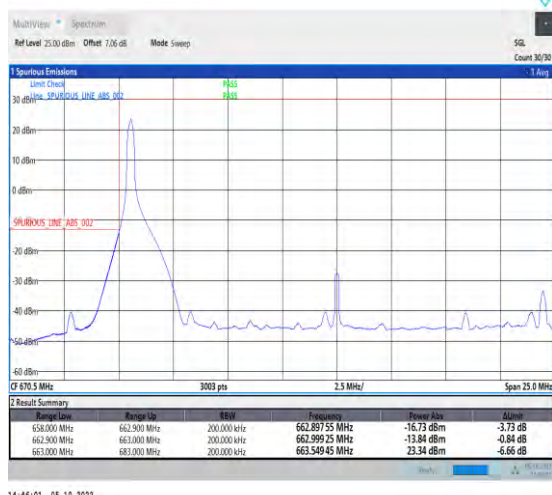
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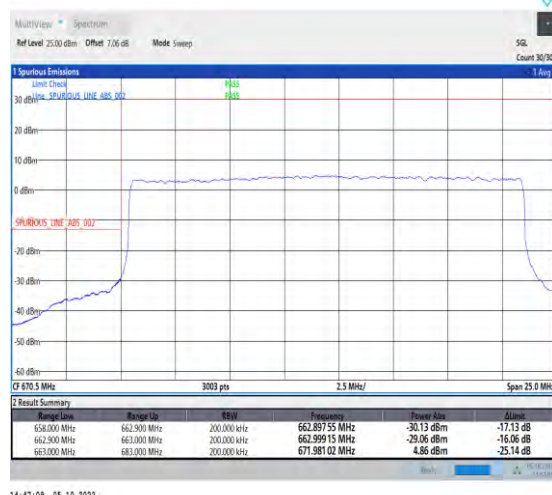
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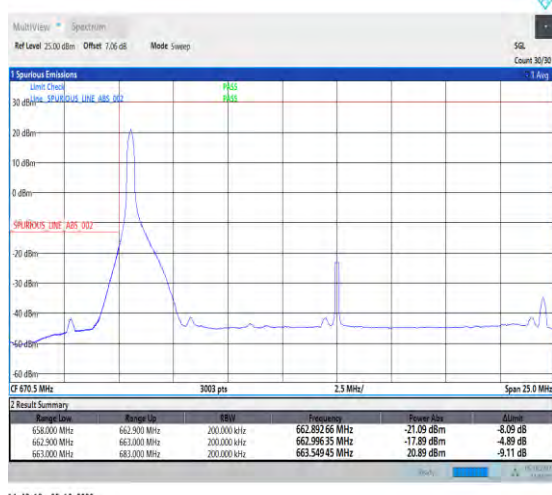
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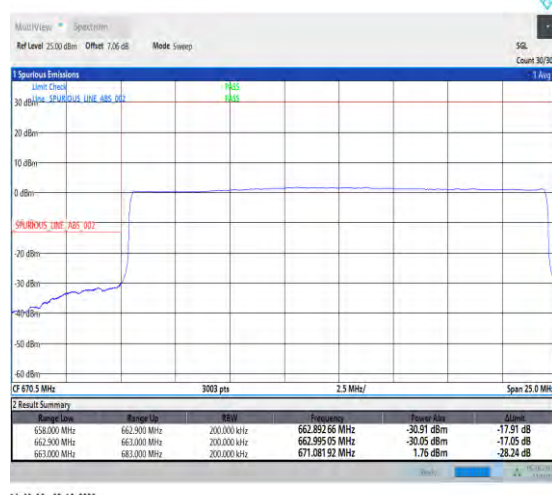
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14:48:18 05.10.2022

1-N71-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0
-Ant1-1--PASS-see graph



14:49:26 05.10.2022

1-N71-PC3-15-20-L-6-CP-QPSK-Outer_Full-106
@0-Ant1-1--PASS-see graph



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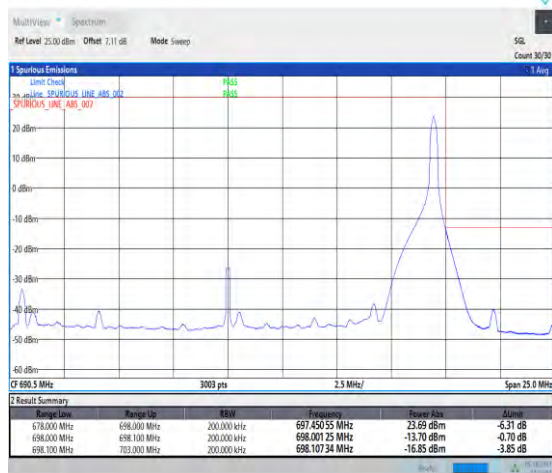
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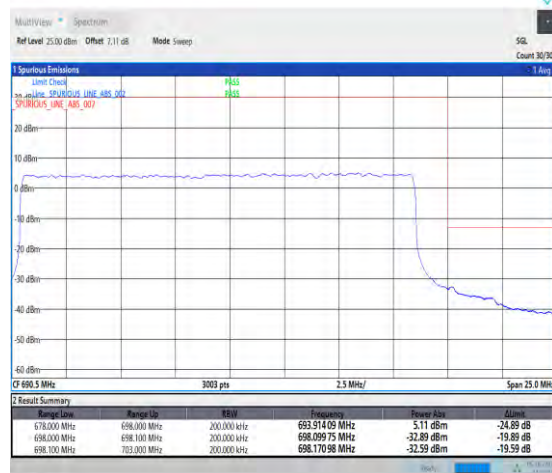
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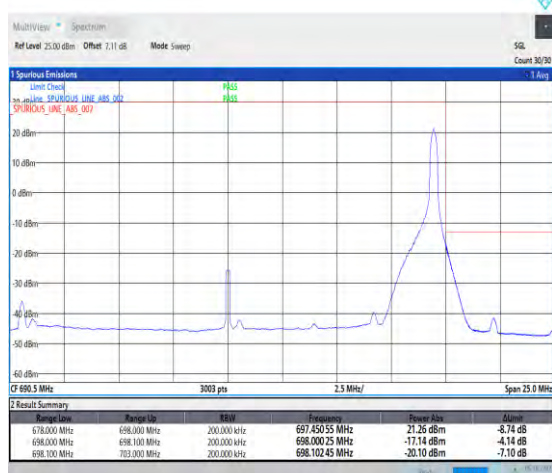
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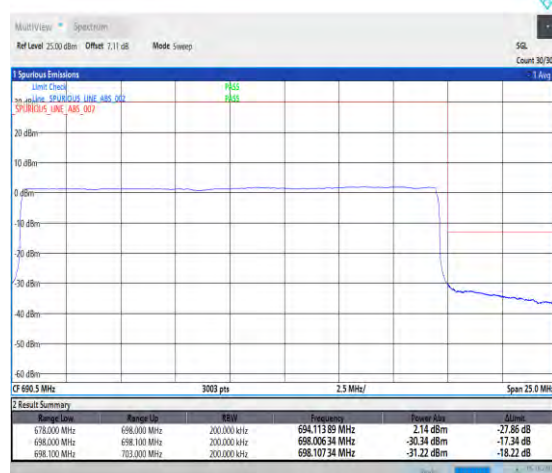
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14:53:22 05.10.2022

1-N71-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1
@105-Ant1-1--PASS-see graph



14:54:30 05.10.2022

1-N71-PC3-15-20-H-6-CP-QPSK-Outer_Full-106
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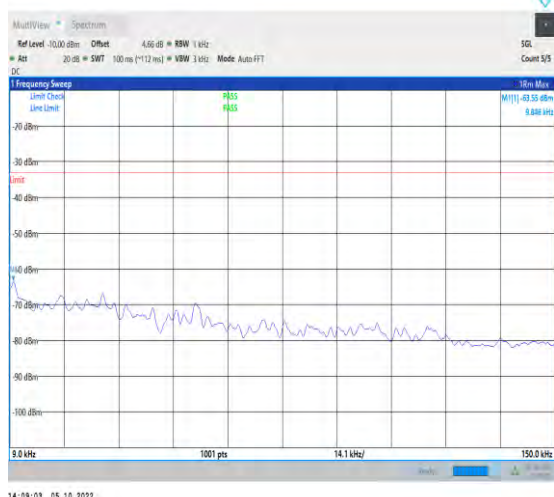
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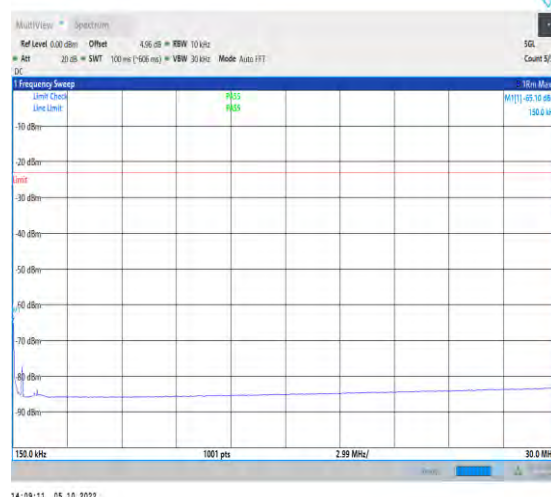
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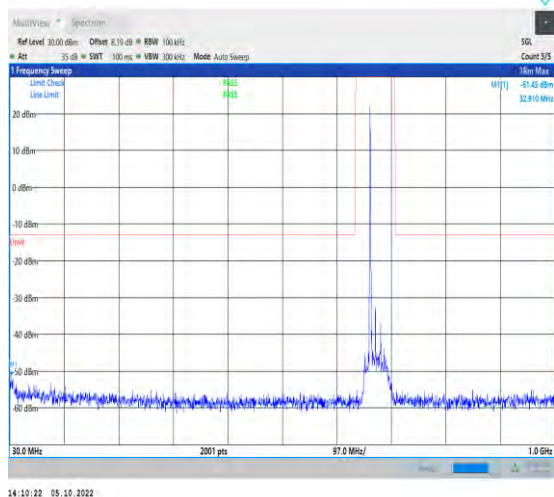
Test Graphs



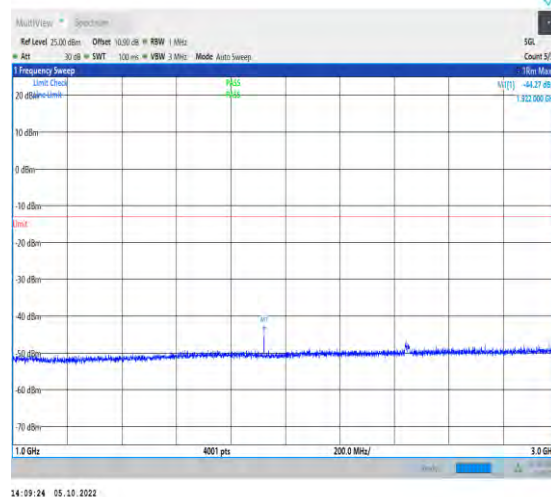
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1-N71-PC3-15-20-L-1-DFT-QPSK-Inner_1RB_Left-1
@1-0.15-30-Ant1-0.15--65.10--23-PASS



1-N71-PC3-15-20-L-1-DFT-QPSK-Inner_1RB_Left-1
@1-30-1000-Ant1-34.85--51.52--13-PASS



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@1-1000-3000-Ant1-1922.00--44.27--13-PASS



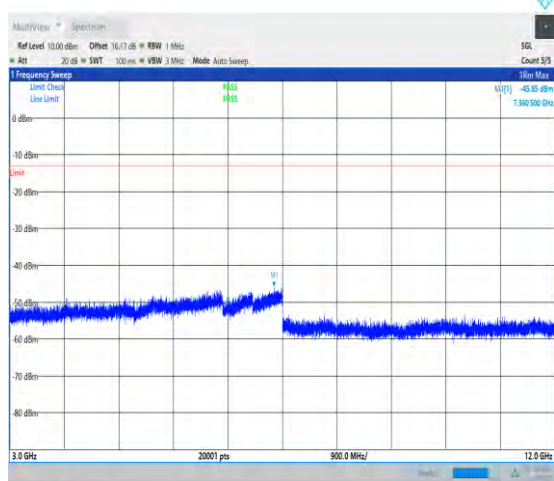
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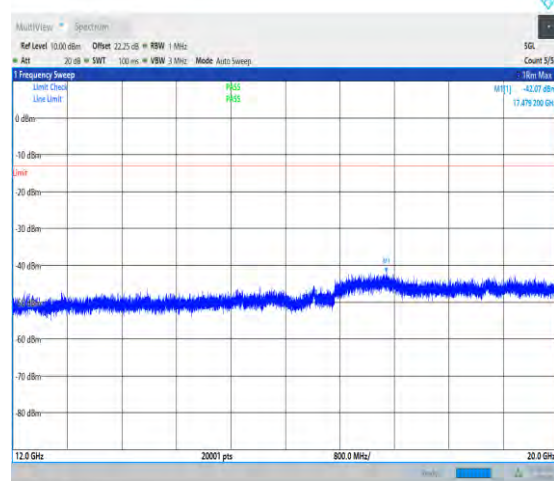
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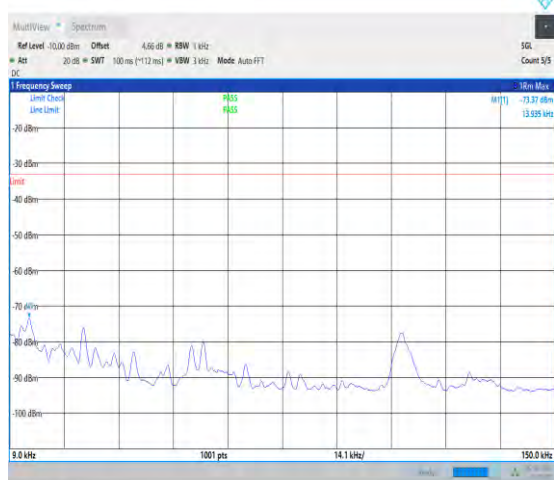
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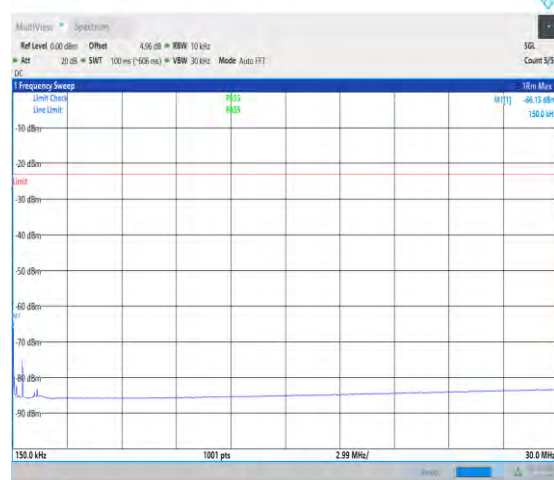
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@1-3000-12000-Ant1-7360.50--45.85--13-PASS



1-N71-PC3-15-20-L-1-DFT-QPSK-Inner_1RB_Left-1
@1-12000-20000-Ant1-17479.20--42.07--13-PASS



1-N71-PC3-15-20-M-1-DFT-QPSK-Inner_1RB_Left-1
@1-0.009-0.15-Ant1-0.01--73.37--33-PASS



1-N71-PC3-15-20-M-1-DFT-QPSK-Inner_1RB_Left-1
@1-0.15-30-Ant1-0.15--66.15--23-PASS



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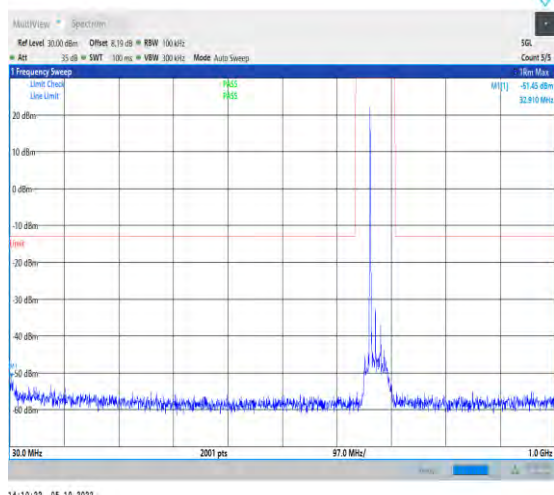
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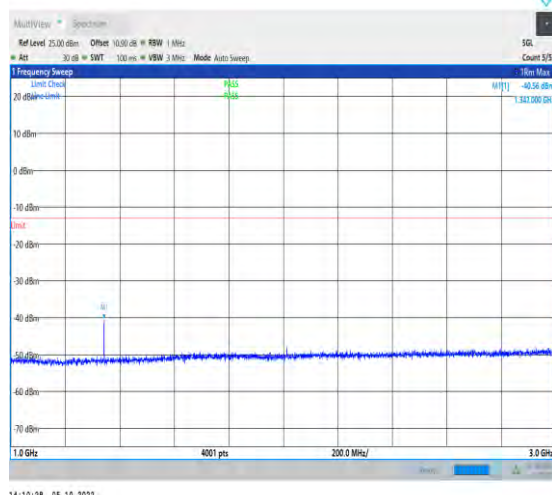
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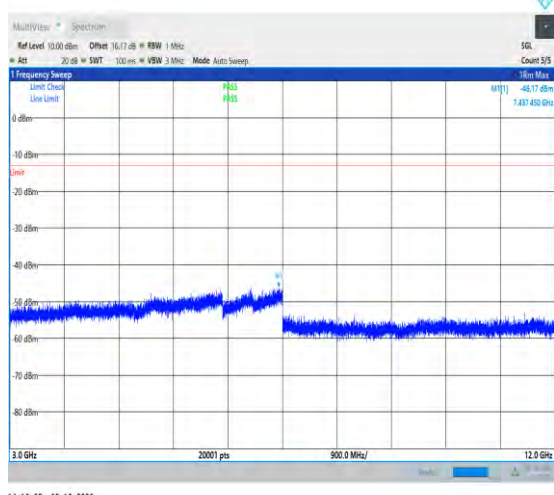
14:10:22 05.10.2022

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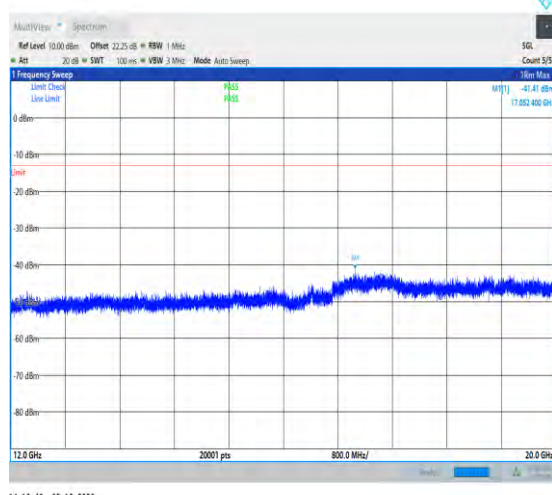
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1-N71-PC3-15-20-M-1-DFT-QPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-1342.00--40.56--13-PASS



14:10:35 05.10.2022

1-N71-PC3-15-20-M-1-DFT-QPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-7437.45--46.17--13-PASS



14:10:42 05.10.2022

1-N71-PC3-15-20-M-1-DFT-QPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-17052.40--41.41--13-PASS



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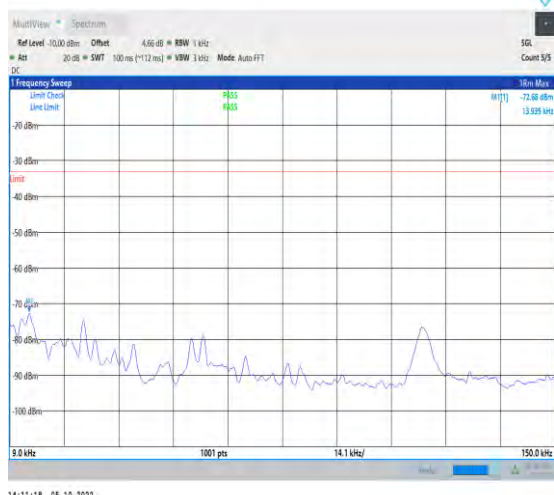
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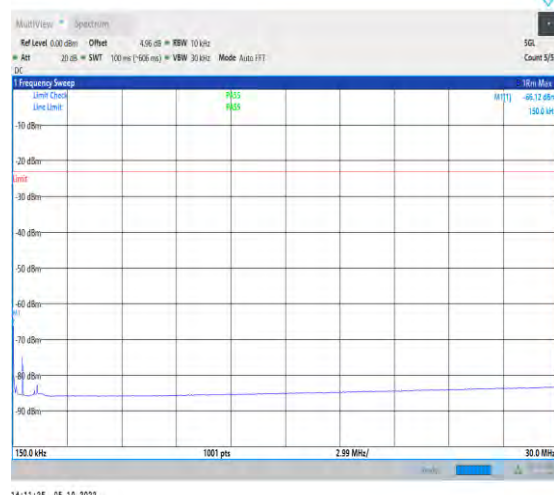
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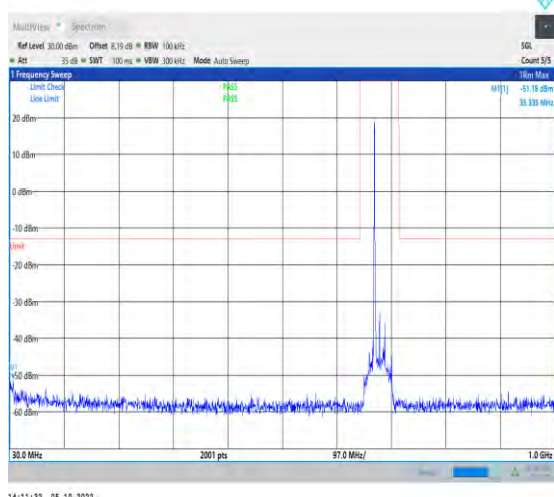
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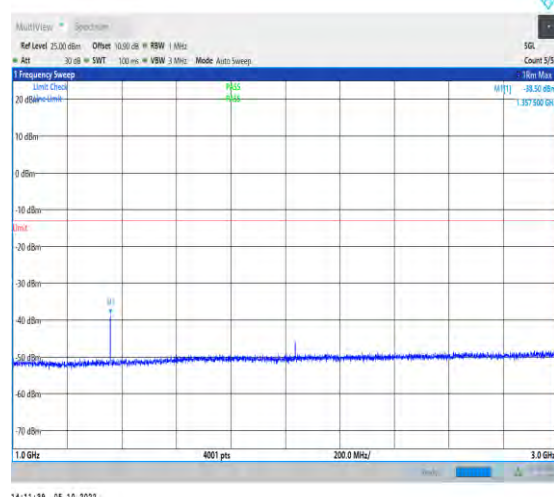
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1-N71-PC3-15-20-H-1-DFT-QPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--66.12--23-PASS



1-N71-PC3-15-20-H-1-DFT-QPSK-Inner_1RB_Left-1@1-30-1000-Ant1-35.34--51.18--13-PASS



1-N71-PC3-15-20-H-1-DFT-QPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-1357.50--38.50--13-PASS



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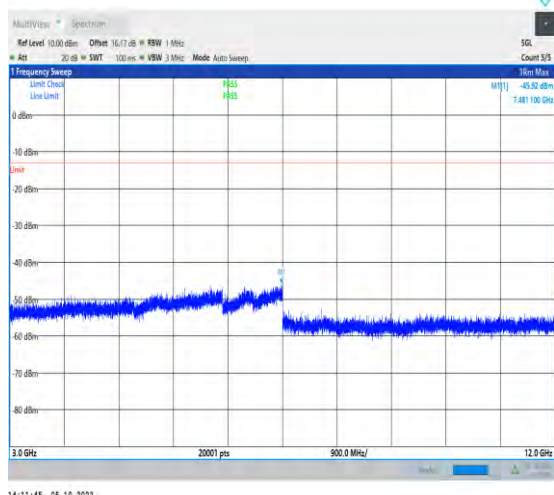
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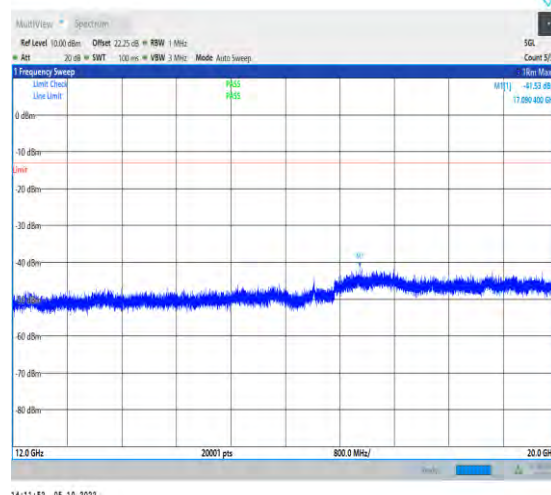
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1-N71-PC3-15-20-H-1-DFT-QPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-7481.10--45.92--13-PASS



1-N71-PC3-15-20-H-1-DFT-QPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-17090.40--41.53--13-PASS



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Field Strength of Spurious Radiation

Test Band = 5G NR SA Band71_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.1800	52.21	-48.09	25.61	-65.53	-13.00	52.53	215	357	Horizontal
2	1992.2700	50.10	-47.91	26.59	-66.48	-13.00	53.48	133	171	Horizontal
3	2656.3600	49.84	-47.00	28.21	-64.21	-13.00	51.21	265	357	Horizontal
4	3320.4500	48.89	-46.65	29.53	-63.49	-13.00	50.49	145	193	Horizontal
5	3984.5400	49.51	-46.20	30.76	-61.19	-13.00	48.19	192	278	Horizontal
6	4648.6300	46.93	-45.79	31.86	-62.27	-13.00	49.27	188	214	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	1328.1800	51.39	-48.09	25.61	-66.35	-13.00	53.35	251	231	Vertical
2	1992.2700	49.40	-47.91	26.59	-67.18	-13.00	54.18	142	145	Vertical
3	2656.3600	49.21	-47.00	28.21	-64.84	-13.00	51.84	166	250	Vertical
4	3320.4500	49.61	-46.65	29.53	-62.77	-13.00	49.77	298	18	Vertical
5	3984.5400	49.54	-46.20	30.76	-61.16	-13.00	48.16	145	102	Vertical
6	4648.6300	47.11	-45.79	31.86	-62.09	-13.00	49.09	133	102	Vertical



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Test Band = 5G NR SA Band71_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.1800	51.50	-48.07	25.61	-66.22	-13.00	53.22	254	0	Horizontal
2	2014.7700	50.54	-47.87	26.69	-65.90	-13.00	52.90	186	128	Horizontal
3	2686.3600	50.46	-47.03	28.26	-63.57	-13.00	50.57	263	85	Horizontal
4	3357.9500	48.69	-46.60	29.48	-63.69	-13.00	50.69	215	85	Horizontal
5	4029.5400	47.34	-46.11	30.84	-63.19	-13.00	50.19	140	318	Horizontal
6	4701.1300	48.39	-45.80	32.02	-60.65	-13.00	47.65	175	2	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	1343.1800	50.26	-48.07	25.61	-67.46	-13.00	54.46	155	213	Vertical
2	2014.7700	49.67	-47.87	26.69	-66.77	-13.00	53.77	126	213	Vertical
3	2686.3600	50.82	-47.03	28.26	-63.21	-13.00	50.21	142	84	Vertical
4	3357.9500	48.90	-46.60	29.48	-63.48	-13.00	50.48	139	170	Vertical
5	4029.5400	49.73	-46.11	30.84	-60.80	-13.00	47.80	291	189	Vertical
6	4701.1300	48.10	-45.80	32.02	-60.94	-13.00	47.94	147	275	Vertical



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Test Band = 5G NR SA Band71_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.1800	50.51	-48.05	25.61	-67.19	-13.00	54.19	255	317	Horizontal
2	2037.2700	49.82	-47.83	26.77	-66.50	-13.00	53.50	146	86	Horizontal
3	2716.3600	49.80	-47.03	28.32	-64.17	-13.00	51.17	236	43	Horizontal
4	3395.4500	49.40	-46.55	29.44	-62.97	-13.00	49.97	291	274	Horizontal
5	4074.5400	47.99	-45.98	30.91	-62.33	-13.00	49.33	145	170	Horizontal
6	4753.6300	46.78	-45.71	32.18	-62.01	-13.00	49.01	180	2	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	1358.1800	51.27	-48.05	25.61	-66.43	-13.00	53.43	255	126	Vertical
2	2037.2700	50.36	-47.83	26.77	-65.96	-13.00	52.96	148	62	Vertical
3	2716.3600	49.98	-47.03	28.32	-63.99	-13.00	50.99	195	360	Vertical
4	3395.4500	49.95	-46.55	29.44	-62.42	-13.00	49.42	165	358	Vertical
5	4074.5400	50.97	-45.98	30.91	-59.35	-13.00	46.35	142	20	Vertical
6	4753.6300	48.23	-45.71	32.18	-60.56	-13.00	47.56	178	84	Vertical



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Test Band = 5G NR NSA 2A-N71A_ TM1
Test Channel = Low WORSE

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.1800	51.67	-48.09	25.61	-66.07	-13.00	53.07	284	0	Horizontal
2	1992.2700	51.54	-47.91	26.59	-65.04	-13.00	52.04	163	319	Horizontal
3	2656.3600	50.24	-47.00	28.21	-63.81	-13.00	50.81	233	127	Horizontal
4	3320.4500	49.01	-46.65	29.53	-63.37	-13.00	50.37	216	341	Horizontal
5	3984.5400	47.54	-46.20	30.76	-63.16	-13.00	50.16	145	256	Horizontal
6	4648.6300	47.53	-45.79	31.86	-61.67	-13.00	48.67	198	357	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	1328.1800	51.26	-48.09	25.61	-66.48	-13.00	53.48	288	84	Vertical
2	1992.2700	48.99	-47.91	26.59	-67.59	-13.00	54.59	145	105	Vertical
3	2656.3600	50.21	-47.00	28.21	-63.84	-13.00	50.84	236	360	Vertical
4	3320.4500	49.86	-46.65	29.53	-62.52	-13.00	49.52	126	210	Vertical
5	3984.5400	49.23	-46.20	30.76	-61.47	-13.00	48.47	294	339	Vertical
6	4648.6300	46.97	-45.79	31.86	-62.23	-13.00	49.23	158	147	Vertical



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Test Band = 5G NR NSA 2A-N71A_ TM1
Test Channel = Mid WORSE

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.1800	51.07	-48.07	25.61	-66.65	-13.00	53.65	215	104	Horizontal
2	2014.7700	50.09	-47.87	26.69	-66.35	-13.00	53.35	169	83	Horizontal
3	2686.3600	50.48	-47.03	28.26	-63.55	-13.00	50.55	155	1	Horizontal
4	3357.9500	49.02	-46.60	29.48	-63.36	-13.00	50.36	148	210	Horizontal
5	4029.5400	48.99	-46.11	30.84	-61.54	-13.00	48.54	175	20	Horizontal
6	4701.1300	46.97	-45.80	32.02	-62.07	-13.00	49.07	142	0	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	1343.1800	50.64	-48.07	25.61	-67.08	-13.00	54.08	203	190	Vertical
2	2014.7700	49.41	-47.87	26.69	-67.03	-13.00	54.03	165	127	Vertical
3	2686.3600	50.41	-47.03	28.26	-63.62	-13.00	50.62	212	358	Vertical
4	3357.9500	50.23	-46.60	29.48	-62.15	-13.00	49.15	299	232	Vertical
5	4029.5400	48.51	-46.11	30.84	-62.02	-13.00	49.02	218	360	Vertical
6	4701.1300	48.33	-45.80	32.02	-60.71	-13.00	47.71	170	84	Vertical



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Test Band = 5G NR NSA 2A-N71A_ TM1
Test Channel = High WORSE

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.1800	51.51	-48.05	25.61	-66.19	-13.00	53.19	231	147	Horizontal
2	2037.2700	50.36	-47.83	26.77	-65.96	-13.00	52.96	302	0	Horizontal
3	2716.3600	49.35	-47.03	28.32	-64.62	-13.00	51.62	142	338	Horizontal
4	3395.4500	49.25	-46.55	29.44	-63.12	-13.00	50.12	186	22	Horizontal
5	4074.5400	48.76	-45.98	30.91	-61.56	-13.00	48.56	192	169	Horizontal
6	4753.6300	46.35	-45.71	32.18	-62.44	-13.00	49.44	149	0	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	1358.1800	50.86	-48.05	25.61	-66.84	-13.00	53.84	215	127	Vertical
2	2037.2700	49.07	-47.83	26.77	-67.25	-13.00	54.25	196	148	Vertical
3	2716.3600	50.88	-47.03	28.32	-63.09	-13.00	50.09	126	360	Vertical
4	3395.4500	49.33	-46.55	29.44	-63.04	-13.00	50.04	235	352	Vertical
5	4074.5400	48.83	-45.98	30.91	-61.49	-13.00	48.49	123	4	Vertical
6	4753.6300	47.37	-45.71	32.18	-61.42	-13.00	48.42	238	352	Vertical



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Test Band = 5G NR N25_N71_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.1800	37.09	-24.80	25.61	-57.36	-13.00	44.36	165	91	Horizontal
2	1992.2700	37.71	-24.48	26.60	-55.43	-13.00	42.43	251	360	Horizontal
3	2656.3600	38.22	-22.84	28.21	-51.67	-13.00	38.67	148	172	Horizontal
4	3704.1800	48.42	-45.52	29.99	-62.37	-13.00	49.37	159	3	Horizontal
5	5556.2700	48.14	-45.14	32.97	-59.29	-13.00	46.29	163	44	Horizontal
6	7408.3600	45.08	-43.39	36.49	-57.08	-13.00	44.08	251	272	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	1328.1800	38.21	-24.80	25.61	-56.24	-13.00	43.24	142	146	Vertical
2	1992.2700	37.76	-24.48	26.60	-55.38	-13.00	42.38	158	56	Vertical
3	2656.3600	37.83	-22.84	28.21	-52.06	-13.00	39.06	169	338	Vertical
4	3704.1800	47.98	-45.52	29.99	-62.81	-13.00	49.81	192	224	Vertical
5	5556.2700	48.52	-45.14	32.97	-58.91	-13.00	45.91	175	316	Vertical
6	7408.3600	45.35	-43.39	36.49	-56.81	-13.00	43.81	142	356	Vertical



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Test Band = 5G NR N25_N71_TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.1800	37.96	-24.89	25.61	-56.58	-13.00	43.58	125	342	Horizontal
2	2014.7700	38.30	-24.43	26.69	-54.69	-13.00	41.69	144	151	Horizontal
3	2686.3600	39.30	-22.85	28.26	-50.54	-13.00	37.54	186	61	Horizontal
4	3729.1800	47.69	-45.62	30.08	-63.12	-13.00	50.12	132	316	Horizontal
5	5593.7700	46.41	-45.08	33.01	-60.92	-13.00	47.92	166	0	Horizontal
6	7458.3600	44.56	-43.25	36.46	-57.49	-13.00	44.49	291	344	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	1343.1800	36.68	-24.89	25.61	-57.86	-13.00	44.86	125	357	Vertical
2	2014.7700	38.39	-24.43	26.69	-54.60	-13.00	41.60	144	152	Vertical
3	2686.3600	38.75	-22.85	28.26	-51.09	-13.00	38.09	185	335	Vertical
4	3729.1800	49.00	-45.62	30.08	-61.81	-13.00	48.81	169	28	Vertical
5	5593.7700	46.65	-45.08	33.01	-60.68	-13.00	47.68	175	239	Vertical
6	7458.3600	44.48	-43.25	36.46	-57.57	-13.00	44.57	122	299	Vertical



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Test Band = 5G NR N25_N71_TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.1800	37.89	-24.98	25.61	-56.74	-13.00	43.74	196	129	Horizontal
2	2037.2700	38.62	-24.37	26.77	-54.24	-13.00	41.24	111	317	Horizontal
3	2716.3600	38.19	-22.80	28.32	-51.55	-13.00	38.55	136	40	Horizontal
4	3754.1800	47.26	-45.73	30.17	-63.56	-13.00	50.56	251	301	Horizontal
5	5631.2700	47.04	-45.00	33.14	-60.08	-13.00	47.08	142	194	Horizontal
6	7508.3600	45.66	-43.12	36.44	-56.29	-13.00	43.29	139	3	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	1358.1800	37.98	-24.98	25.61	-56.65	-13.00	43.65	245	120	Vertical
2	2037.2700	37.46	-24.37	26.77	-55.40	-13.00	42.40	162	360	Vertical
3	2716.3600	38.85	-22.80	28.32	-50.89	-13.00	37.89	284	238	Vertical
4	3754.1800	47.62	-45.73	30.17	-63.20	-13.00	50.20	153	16	Vertical
5	5631.2700	47.88	-45.00	33.14	-59.24	-13.00	46.24	142	194	Vertical
6	7508.3600	45.62	-43.12	36.44	-56.33	-13.00	43.33	136	44	Vertical



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Test Band = 5G NR N41_N71_TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.1800	36.96	-24.80	25.61	-57.49	-25.00	32.49	251	139	Horizontal
2	1992.2700	38.51	-24.48	26.60	-54.63	-25.00	29.63	145	3	Horizontal
3	2656.3600	43.48	-22.84	28.21	-46.41	-25.00	21.41	236	283	Horizontal
4	5002.2000	48.25	-45.63	32.88	-59.76	-25.00	34.76	266	122	Horizontal
5	7503.3000	44.47	-43.13	36.44	-57.48	-25.00	32.48	251	92	Horizontal
6	10004.4000	37.41	-39.23	38.50	-58.59	-25.00	33.59	199	136	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	1328.1800	37.98	-24.80	25.61	-56.47	-25.00	31.47	125	354	Vertical
2	1992.2700	38.63	-24.48	26.60	-54.51	-25.00	29.51	188	194	Vertical
3	2656.3600	39.69	-22.84	28.21	-50.20	-25.00	25.20	146	122	Vertical
4	5002.2000	48.20	-45.63	32.88	-59.81	-25.00	34.81	215	356	Vertical
5	7503.3000	44.76	-43.13	36.44	-57.19	-25.00	32.19	192	344	Vertical
6	10004.4000	36.35	-39.23	38.50	-59.65	-25.00	34.65	172	179	Vertical



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Test Band = 5G NR N41_N71_TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.1800	37.55	-24.89	25.61	-56.99	-25.00	31.99	145	172	Horizontal
2	2014.7700	37.60	-24.43	26.69	-55.39	-25.00	30.39	236	30	Horizontal
3	2686.3600	38.04	-22.85	28.26	-51.80	-25.00	26.80	255	360	Horizontal
4	5096.1600	46.03	-45.38	32.93	-61.68	-25.00	36.68	148	16	Horizontal
5	7644.2400	44.52	-43.02	36.48	-57.28	-25.00	32.28	158	287	Horizontal
6	10192.3200	34.86	-39.47	38.80	-61.07	-25.00	36.07	196	0	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	1343.1800	37.12	-24.89	25.61	-57.42	-25.00	32.42	278	359	Vertical
2	2014.7700	37.85	-24.43	26.69	-55.14	-25.00	30.14	145	360	Vertical
3	2686.3600	38.32	-22.85	28.26	-51.52	-25.00	26.52	236	151	Vertical
4	5096.1600	47.89	-45.38	32.93	-59.82	-25.00	34.82	251	208	Vertical
5	7644.2400	46.27	-43.02	36.48	-55.53	-25.00	30.53	149	148	Vertical
6	10192.3200	35.01	-39.47	38.80	-60.92	-25.00	35.92	211	117	Vertical



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Test Band = 5G NR N41_N71_TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.1800	38.58	-24.98	25.61	-56.05	-25.00	31.05	269	323	Horizontal
2	2037.2700	36.74	-24.37	26.77	-56.12	-25.00	31.12	254	222	Horizontal
3	2716.3600	37.86	-22.80	28.32	-51.88	-25.00	26.88	145	192	Horizontal
4	5190.1800	46.08	-45.29	32.98	-61.48	-25.00	36.48	128	225	Horizontal
5	7785.2700	43.57	-42.43	36.75	-57.36	-25.00	32.36	186	180	Horizontal
6	10380.3600	36.46	-39.03	38.86	-58.97	-25.00	33.97	123	316	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	1358.1800	38.03	-24.98	25.61	-56.60	-25.00	31.60	142	161	Vertical
2	2037.2700	38.30	-24.37	26.77	-54.56	-25.00	29.56	125	230	Vertical
3	2716.3600	37.92	-22.80	28.32	-51.82	-25.00	26.82	196	273	Vertical
4	5190.1800	46.76	-45.29	32.98	-60.80	-25.00	35.80	251	178	Vertical
5	7785.2700	42.71	-42.43	36.75	-58.22	-25.00	33.22	144	272	Vertical
6	10380.3600	34.94	-39.03	38.86	-60.49	-25.00	35.49	173	316	Vertical



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Test Band = 5G NR N66_N71_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.1800	37.42	-24.80	25.61	-57.03	-13.00	44.03	126	343	Horizontal
2	1992.2700	38.76	-24.48	26.60	-54.38	-13.00	41.38	145	324	Horizontal
3	2656.3600	38.78	-22.84	28.21	-51.11	-13.00	38.11	125	343	Horizontal
4	3422.1800	49.65	-46.28	29.45	-62.44	-13.00	49.44	133	1	Horizontal
5	5133.2700	46.21	-45.34	32.95	-61.44	-13.00	48.44	236	16	Horizontal
6	6844.3600	45.89	-44.14	35.89	-57.62	-13.00	44.62	169	60	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	1328.1800	37.85	-24.80	25.61	-56.60	-13.00	43.60	215	117	Vertical
2	1992.2700	37.91	-24.48	26.60	-55.23	-13.00	42.23	148	305	Vertical
3	2656.3600	37.84	-22.84	28.21	-52.05	-13.00	39.05	196	67	Vertical
4	3422.1800	50.21	-46.28	29.45	-61.88	-13.00	48.88	152	240	Vertical
5	5133.2700	45.54	-45.34	32.95	-62.11	-13.00	49.11	175	226	Vertical
6	6844.3600	46.28	-44.14	35.89	-57.23	-13.00	44.23	142	240	Vertical



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Test Band = 5G NR N66_N71_TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.1800	36.71	-24.89	25.61	-57.83	-13.00	44.83	269	201	Horizontal
2	2014.7700	38.09	-24.43	26.69	-54.90	-13.00	41.90	142	250	Horizontal
3	2686.3600	39.82	-22.85	28.26	-50.02	-13.00	37.02	155	359	Horizontal
4	3472.1800	54.33	-46.27	29.50	-57.70	-13.00	44.70	182	272	Horizontal
5	5208.2700	48.50	-45.26	32.98	-59.04	-13.00	46.04	134	0	Horizontal
6	6944.3600	46.16	-43.85	36.01	-56.94	-13.00	43.94	157	89	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	1343.1800	37.71	-24.89	25.61	-56.83	-13.00	43.83	249	357	Vertical
2	2014.7700	37.98	-24.43	26.69	-55.01	-13.00	42.01	156	214	Vertical
3	2686.3600	39.44	-22.85	28.26	-50.40	-13.00	37.40	236	116	Vertical
4	3472.1800	52.08	-46.27	29.50	-59.95	-13.00	46.95	215	160	Vertical
5	5208.2700	46.54	-45.26	32.98	-61.00	-13.00	48.00	142	23	Vertical
6	6944.3600	46.66	-43.85	36.01	-56.44	-13.00	43.44	196	252	Vertical



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Test Band = 5G NR N66_N71_TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.1800	37.55	-24.98	25.61	-57.08	-13.00	44.08	215	186	Horizontal
2	2037.2700	37.99	-24.37	26.77	-54.87	-13.00	41.87	136	293	Horizontal
3	2716.3600	39.07	-22.80	28.32	-50.67	-13.00	37.67	266	70	Horizontal
4	3522.1800	50.57	-46.23	29.54	-61.38	-13.00	48.38	215	130	Horizontal
5	5283.2700	46.55	-45.12	32.91	-60.92	-13.00	47.92	148	224	Horizontal
6	7044.3600	46.19	-43.85	36.20	-56.72	-13.00	43.72	197	56	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	1358.1800	38.43	-24.98	25.61	-56.20	-13.00	43.20	214	328	Vertical
2	2037.2700	37.91	-24.37	26.77	-54.95	-13.00	41.95	136	60	Vertical
3	2716.3600	38.58	-22.80	28.32	-51.16	-13.00	38.16	258	30	Vertical
4	3522.1800	49.87	-46.23	29.54	-62.08	-13.00	49.08	149	1	Vertical
5	5283.2700	46.04	-45.12	32.91	-61.43	-13.00	48.43	175	60	Vertical
6	7044.3600	45.17	-43.85	36.20	-57.74	-13.00	44.74	122	331	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-QPSK	M	Outer_Full	VH	NT	-5.200000	-0.007641	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-4.700000	-0.006907	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VL	NT	0.700000	0.001029	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VH	NT	0.900000	0.001323	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VN	NT	-2.800000	-0.004115	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VL	NT	17.400000	0.025569	PASS



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Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-1.400000	-0.002057	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-3.300000	-0.004849	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-10	0.500000	0.000735	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	0	-0.600000	-0.000882	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	10	-5.100000	-0.007494	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	20	-3.700000	-0.005437	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	30	-2.200000	-0.003233	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	40	-1.800000	-0.002645	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	50	-2.500000	-0.003674	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-30	1.700000	0.002498	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-20	-1.200000	-0.001763	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-10	1.500000	0.002204	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	0	0.500000	0.000735	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	10	-1.800000	-0.002645	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	20	-2.300000	-0.003380	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	30	-0.500000	-0.000735	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	40	-1.500000	-0.002204	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	50	-3.500000	-0.005143	PASS

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