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Appendix B.42

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 (dBm)	Verdict
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.57	23.64	34.77	PASS
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.40	23.47	34.77	PASS
N71	15	5	DFT-PI2BPSK	L	Outer_Full	23.88	22.95	34.77	PASS
N71	15	5	DFT-QPSK	L	Inner_1RB_Left	24.40	23.47	34.77	PASS
N71	15	5	DFT-QPSK	L	Inner_1RB_Right	24.25	23.32	34.77	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	23.51	22.58	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Left	23.61	22.68	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Right	23.42	22.49	34.77	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	22.45	21.52	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Left	22.23	21.3	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Right	22.04	21.11	34.77	PASS
N71	15	5	DFT-64QAM	L	Outer_Full	21.90	20.97	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Left	19.39	18.46	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Right	19.18	18.25	34.77	PASS
N71	15	5	DFT-256QAM	L	Outer_Full	19.78	18.85	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.27	23.34	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.21	23.28	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	23.82	22.89	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Left	24.24	23.31	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Right	24.13	23.2	34.77	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	23.30	22.37	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Left	23.28	22.35	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Right	23.22	22.29	34.77	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	22.33	21.4	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Left	21.88	20.95	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Right	21.93	21	34.77	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	21.79	20.86	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Left	19.12	18.19	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Right	19.20	18.27	34.77	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	19.68	18.75	34.77	PASS
N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.33	23.4	34.77	PASS
N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.12	23.19	34.77	PASS



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N71	15	5	DFT-PI2BPSK	H	Outer_Full	23.75	22.82	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Left	24.19	23.26	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Right	23.92	22.99	34.77	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	23.22	22.29	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Left	23.22	22.29	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Right	23.10	22.17	34.77	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	22.23	21.3	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Left	21.89	20.96	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Right	21.81	20.88	34.77	PASS
N71	15	5	DFT-64QAM	H	Outer_Full	21.71	20.78	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Left	19.23	18.3	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Right	19.08	18.15	34.77	PASS
N71	15	5	DFT-256QAM	H	Outer_Full	19.67	18.74	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.48	23.55	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.23	23.3	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Outer_Full	23.66	22.73	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Left	24.47	23.54	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Right	24.05	23.12	34.77	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	23.16	22.23	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Left	23.70	22.77	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Right	23.34	22.41	34.77	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	22.24	21.31	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Left	22.29	21.36	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Right	21.86	20.93	34.77	PASS
N71	15	10	DFT-64QAM	L	Outer_Full	21.73	20.8	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Left	19.41	18.48	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Right	19.09	18.16	34.77	PASS
N71	15	10	DFT-256QAM	L	Outer_Full	19.65	18.72	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.28	23.35	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.37	23.44	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	23.79	22.86	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Left	24.25	23.32	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Right	24.33	23.4	34.77	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	23.25	22.32	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Left	23.34	22.41	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Right	23.35	22.42	34.77	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	22.27	21.34	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Left	21.97	21.04	34.77	PASS



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N71	15	10	DFT-64QAM	M	Inner_1RB_Right	22.05	21.12	34.77	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	21.80	20.87	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Left	19.15	18.22	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Right	19.33	18.4	34.77	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	19.68	18.75	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.43	23.5	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.15	23.22	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Outer_Full	23.82	22.89	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Left	24.36	23.43	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Right	24.05	23.12	34.77	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	23.31	22.38	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Left	23.35	22.42	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Right	23.17	22.24	34.77	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	22.22	21.29	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Left	22.08	21.15	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Right	21.75	20.82	34.77	PASS
N71	15	10	DFT-64QAM	H	Outer_Full	21.79	20.86	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Left	19.29	18.36	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Right	19.03	18.1	34.77	PASS
N71	15	10	DFT-256QAM	H	Outer_Full	19.73	18.8	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.53	23.6	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.34	23.41	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Outer_Full	23.82	22.89	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Left	24.50	23.57	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Right	24.33	23.4	34.77	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	23.36	22.43	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Left	23.60	22.67	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Right	23.37	22.44	34.77	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	22.32	21.39	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Left	22.18	21.25	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Right	22.04	21.11	34.77	PASS
N71	15	15	DFT-64QAM	L	Outer_Full	21.85	20.92	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Left	19.46	18.53	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Right	19.35	18.42	34.77	PASS
N71	15	15	DFT-256QAM	L	Outer_Full	19.78	18.85	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.48	23.55	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.45	23.52	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	23.96	23.03	34.77	PASS



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N71	15	15	DFT-QPSK	M	Inner_1RB_Left	24.31	23.38	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Right	24.32	23.39	34.77	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	23.43	22.5	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Left	23.42	22.49	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Right	23.43	22.5	34.77	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	22.48	21.55	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Left	22.17	21.24	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Right	22.13	21.2	34.77	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	21.92	20.99	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Left	19.35	18.42	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Right	19.42	18.49	34.77	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	19.86	18.93	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.37	23.44	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.25	23.32	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Outer_Full	23.87	22.94	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Left	24.27	23.34	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Right	24.05	23.12	34.77	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	23.35	22.42	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Left	23.37	22.44	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Right	23.19	22.26	34.77	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	22.39	21.46	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Left	21.97	21.04	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Right	21.83	20.9	34.77	PASS
N71	15	15	DFT-64QAM	H	Outer_Full	21.90	20.97	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Left	19.34	18.41	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Right	19.11	18.18	34.77	PASS
N71	15	15	DFT-256QAM	H	Outer_Full	19.84	18.91	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.59	23.66	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.34	23.41	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	23.87	22.94	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Left	24.54	23.61	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Right	24.27	23.34	34.77	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	23.46	22.53	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Left	23.52	22.59	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Right	23.28	22.35	34.77	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	22.34	21.41	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Left	22.09	21.16	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Right	21.96	21.03	34.77	PASS



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N71	15	20	DFT-256QAM	L	Inner_1RB_Left	19.43	18.5	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Right	19.36	18.43	34.77	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	19.83	18.9	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	24.32	23.39	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	24.41	23.48	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	23.98	23.05	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Left	24.25	23.32	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Right	24.31	23.38	34.77	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	23.47	22.54	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Left	23.37	22.44	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Right	23.35	22.42	34.77	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	22.36	21.43	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Left	21.95	21.02	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Right	22.09	21.16	34.77	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	21.95	21.02	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Left	19.22	18.29	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Right	19.46	18.53	34.77	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	19.87	18.94	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	24.38	23.45	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.20	23.27	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	23.86	22.93	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Left	24.25	23.32	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Right	24.13	23.2	34.77	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	23.43	22.5	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Left	23.37	22.44	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Right	23.17	22.24	34.77	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	22.34	21.41	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Left	22.10	21.17	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Right	21.93	21	34.77	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	21.90	20.97	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Left	19.25	18.32	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Right	19.23	18.3	34.77	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	19.88	18.95	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	8.68	≤13	PASS
N71	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.55	≤13	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.82	≤13	PASS
N71	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.88	≤13	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.76	≤13	PASS
N71	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.44	≤13	PASS



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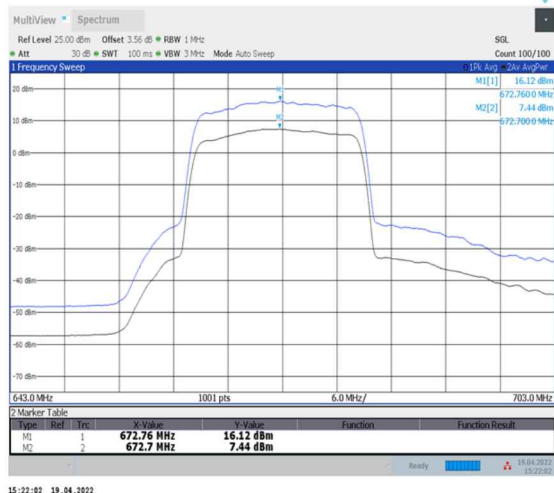
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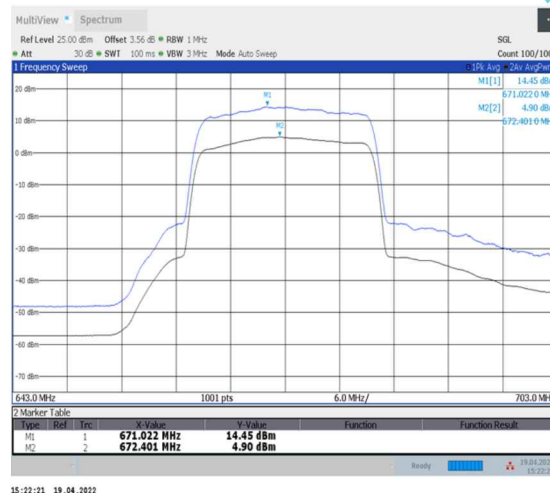
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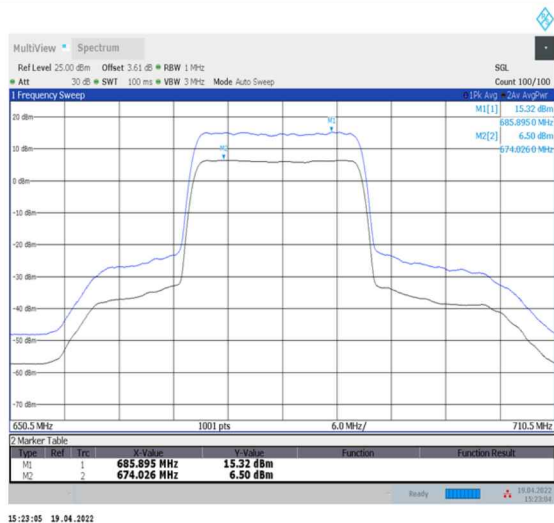
Test Graphs



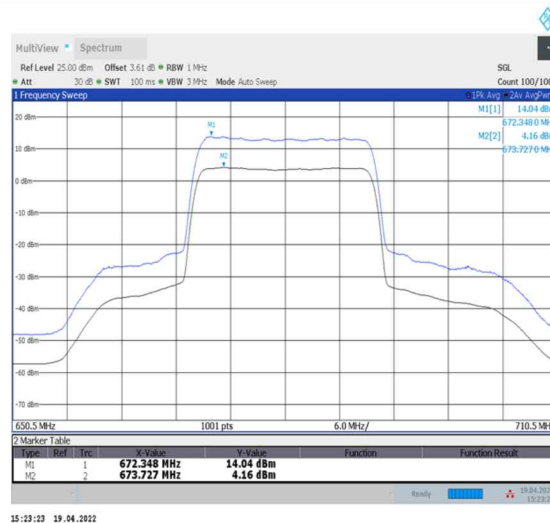
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1-N71--15-20-L-2-CP-256QAM-Outer_Full-106@0-Ant0-9.55-100%-0.00-9.55-PASS-≤13



1-N71--15-20-M-1-DFT-256QAM-Outer_Full-100@0-Ant0-8.82-100%-0.00-8.82-PASS-≤13



1-N71--15-20-M-2-CP-256QAM-Outer_Full-106@0-Ant0-9.88-100%-0.00-9.88-PASS-≤13



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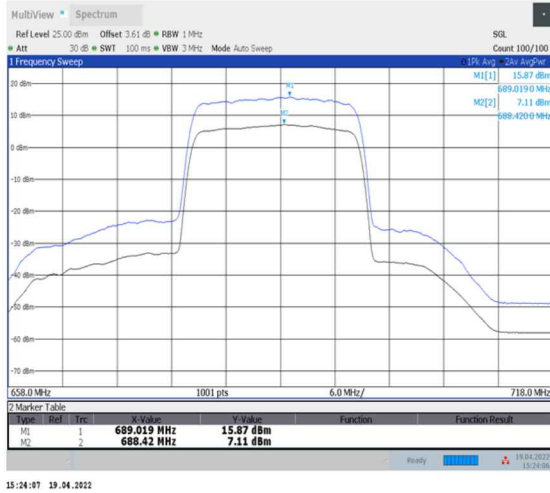
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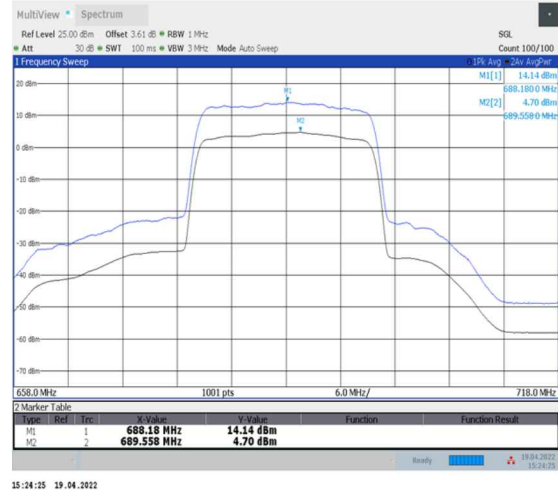
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1-N71--15-20-H-1-DFT-256QAM-Outer_Full-100@0-
Ant0-8.76-100%-0.00-8.76-PASS-≤13



1-N71--15-20-H-2-CP-256QAM-Outer_Full-106@0-
Ant0-9.44-100%-0.00-9.44-PASS-≤13



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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N71	15	5	DFT-QPSK	L	Outer_Full	4.481	5.000	PASS
N71	15	5	DFT-PI2BPSK	L	Outer_Full	4.502	5.090	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	4.479	5.080	PASS
N71	15	5	DFT-64QAM	L	Outer_Full	4.480	5.120	PASS
N71	15	5	DFT-256QAM	L	Outer_Full	4.479	5.040	PASS
N71	15	5	CP-QPSK	L	Outer_Full	4.501	5.200	PASS
N71	15	5	CP-16QAM	L	Outer_Full	4.481	5.130	PASS
N71	15	5	CP-64QAM	L	Outer_Full	4.488	5.180	PASS
N71	15	5	CP-256QAM	L	Outer_Full	4.497	5.240	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	4.486	5.150	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	4.467	5.070	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	4.472	5.070	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	4.483	5.120	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	4.481	5.140	PASS
N71	15	5	CP-QPSK	M	Outer_Full	4.475	5.120	PASS
N71	15	5	CP-16QAM	M	Outer_Full	4.473	5.110	PASS
N71	15	5	CP-64QAM	M	Outer_Full	4.493	5.190	PASS
N71	15	5	CP-256QAM	M	Outer_Full	4.493	5.190	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	4.486	5.000	PASS
N71	15	5	DFT-PI2BPSK	H	Outer_Full	4.487	5.130	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	4.484	5.090	PASS
N71	15	5	DFT-64QAM	H	Outer_Full	4.489	5.150	PASS
N71	15	5	DFT-256QAM	H	Outer_Full	4.488	5.100	PASS
N71	15	5	CP-QPSK	H	Outer_Full	4.473	5.180	PASS
N71	15	5	CP-16QAM	H	Outer_Full	4.480	5.140	PASS
N71	15	5	CP-64QAM	H	Outer_Full	4.483	5.200	PASS
N71	15	5	CP-256QAM	H	Outer_Full	4.496	5.190	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	8.933	9.700	PASS
N71	15	10	DFT-PI2BPSK	L	Outer_Full	8.913	9.640	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	8.940	9.580	PASS
N71	15	10	DFT-64QAM	L	Outer_Full	8.921	9.700	PASS



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