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-64QAM	L	Outer_Full	21.93	21	34.77	PASS
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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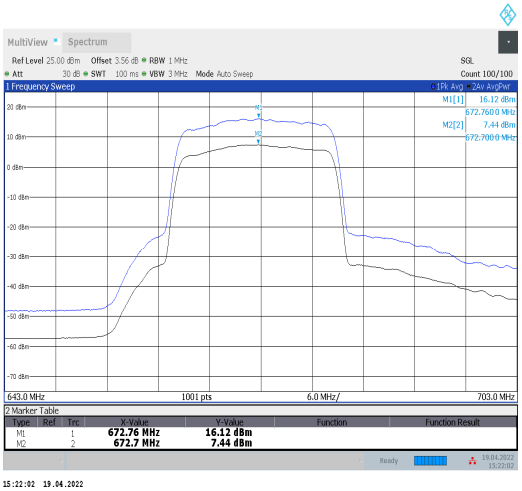
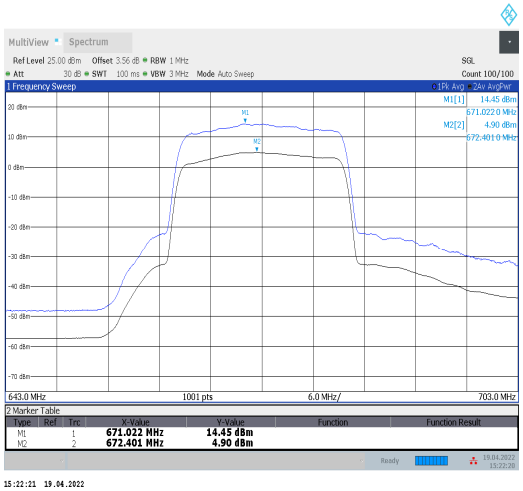
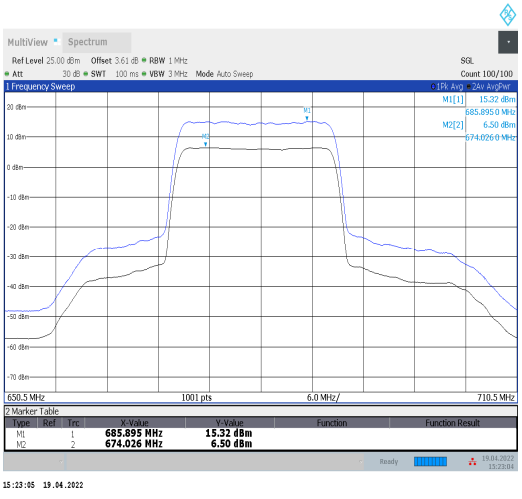
Test Graphs



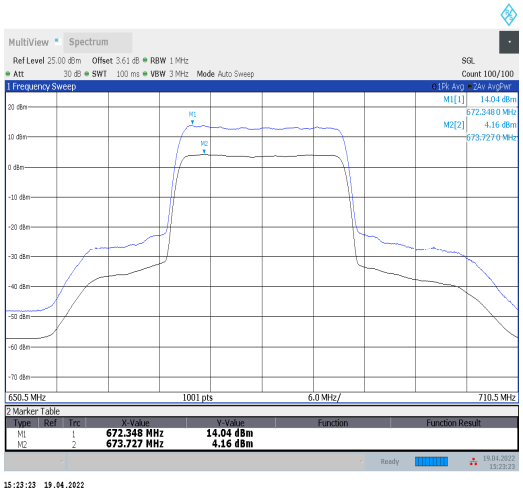
1-N71--15-20-L-1-DFT-256QAM-Outer_Full-100@0-Ant0-8.68-100%-0.00-8.68-PASS-≤13



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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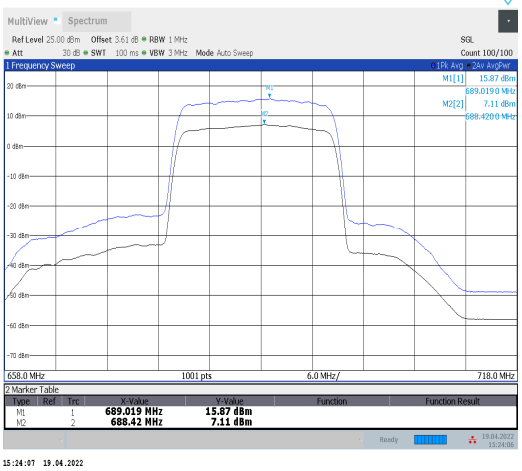

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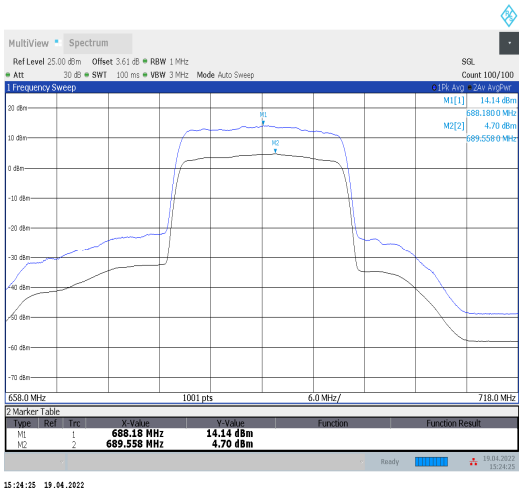

1-N71--15-20-H-2-CP-256QAM-Outer_Full-106@0-Ant0-9.44-100%-0.00-9.44-PASS-≤13

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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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N71	15	10	DFT-256QAM	L	Outer_Full	8.937	9.720	PASS
N71	15	10	CP-QPSK	L	Outer_Full	9.298	10.200	PASS
N71	15	10	CP-16QAM	L	Outer_Full	9.272	10.060	PASS
N71	15	10	CP-64QAM	L	Outer_Full	9.293	10.100	PASS
N71	15	10	CP-256QAM	L	Outer_Full	9.277	10.060	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	8.945	9.680	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	8.945	9.680	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	8.949	9.700	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	8.949	9.760	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	8.960	9.820	PASS
N71	15	10	CP-QPSK	M	Outer_Full	9.311	10.260	PASS
N71	15	10	CP-16QAM	M	Outer_Full	9.295	10.200	PASS
N71	15	10	CP-64QAM	M	Outer_Full	9.321	10.220	PASS
N71	15	10	CP-256QAM	M	Outer_Full	9.301	10.180	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	8.930	9.720	PASS
N71	15	10	DFT-PI2BPSK	H	Outer_Full	8.915	9.660	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	8.928	9.680	PASS
N71	15	10	DFT-64QAM	H	Outer_Full	8.928	9.680	PASS
N71	15	10	DFT-256QAM	H	Outer_Full	8.944	9.760	PASS
N71	15	10	CP-QPSK	H	Outer_Full	9.289	10.240	PASS
N71	15	10	CP-16QAM	H	Outer_Full	9.282	10.180	PASS
N71	15	10	CP-64QAM	H	Outer_Full	9.288	10.200	PASS
N71	15	10	CP-256QAM	H	Outer_Full	9.282	10.160	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	13.448	14.280	PASS
N71	15	15	DFT-PI2BPSK	L	Outer_Full	13.376	14.370	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	13.400	14.460	PASS
N71	15	15	DFT-64QAM	L	Outer_Full	13.357	14.460	PASS
N71	15	15	DFT-256QAM	L	Outer_Full	13.354	14.310	PASS
N71	15	15	CP-QPSK	L	Outer_Full	14.066	15.180	PASS
N71	15	15	CP-16QAM	L	Outer_Full	14.052	15.030	PASS
N71	15	15	CP-64QAM	L	Outer_Full	14.079	15.090	PASS
N71	15	15	CP-256QAM	L	Outer_Full	14.079	15.180	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	13.521	14.520	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	13.458	14.430	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	13.450	14.460	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	13.435	14.490	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	13.452	14.550	PASS
N71	15	15	CP-QPSK	M	Outer_Full	14.137	15.240	PASS

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N71	15	15	CP-16QAM	M	Outer_Full	14.125	15.240	PASS
N71	15	15	CP-64QAM	M	Outer_Full	14.151	15.240	PASS
N71	15	15	CP-256QAM	M	Outer_Full	14.153	15.270	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	13.459	14.370	PASS
N71	15	15	DFT-PI2BPSK	H	Outer_Full	13.422	14.460	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	13.398	14.490	PASS
N71	15	15	DFT-64QAM	H	Outer_Full	13.377	14.520	PASS
N71	15	15	DFT-256QAM	H	Outer_Full	13.375	14.340	PASS
N71	15	15	CP-QPSK	H	Outer_Full	14.087	15.300	PASS
N71	15	15	CP-16QAM	H	Outer_Full	14.065	15.060	PASS
N71	15	15	CP-64QAM	H	Outer_Full	14.110	15.150	PASS
N71	15	15	CP-256QAM	H	Outer_Full	14.095	15.150	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	17.731	18.840	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	17.764	18.800	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	17.808	18.920	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	17.75	18.960	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	17.779	18.920	PASS
N71	15	20	CP-QPSK	L	Outer_Full	18.810	20.040	PASS
N71	15	20	CP-16QAM	L	Outer_Full	18.843	20.040	PASS
N71	15	20	CP-64QAM	L	Outer_Full	18.807	20.000	PASS
N71	15	20	CP-256QAM	L	Outer_Full	18.786	19.920	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	17.840	18.920	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	17.86	18.920	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	17.896	19.040	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	17.849	19.080	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	17.888	19.000	PASS
N71	15	20	CP-QPSK	M	Outer_Full	18.916	20.160	PASS
N71	15	20	CP-16QAM	M	Outer_Full	18.939	20.240	PASS
N71	15	20	CP-64QAM	M	Outer_Full	18.915	20.080	PASS
N71	15	20	CP-256QAM	M	Outer_Full	18.886	20.040	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	17.763	18.840	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	17.780	18.880	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	17.816	18.960	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	17.776	18.960	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	17.774	18.960	PASS
N71	15	20	CP-QPSK	H	Outer_Full	18.830	20.000	PASS
N71	15	20	CP-16QAM	H	Outer_Full	18.862	20.160	PASS
N71	15	20	CP-64QAM	H	Outer_Full	18.834	20.040	PASS

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N71	15	20	CP-256QAM	H	Outer_Full	18.821	19.960	PASS

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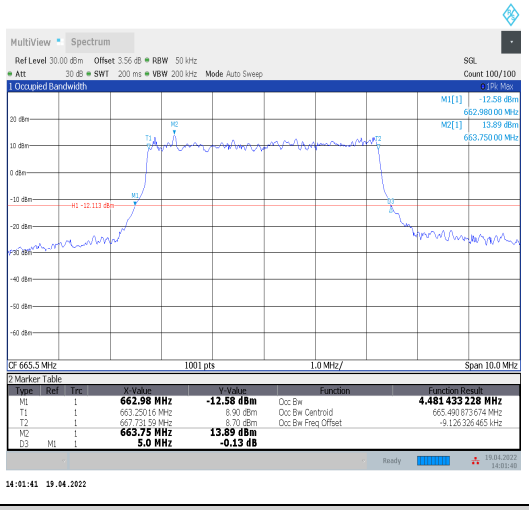
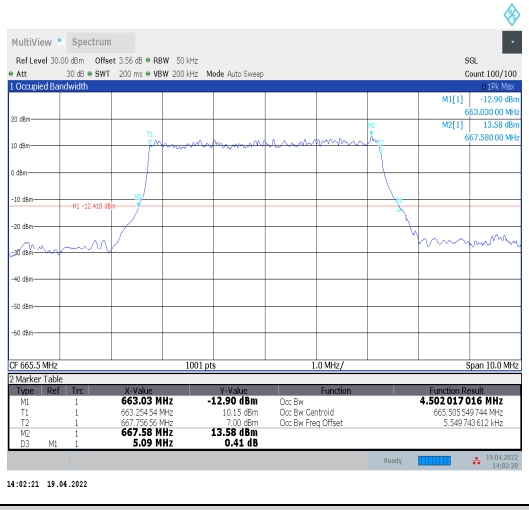
Test Graphs



1-N71--15-5-L-1-DFT-QPSK-Outer_Full-25@0-Ant0-4.481-5.000-≤5-PASS



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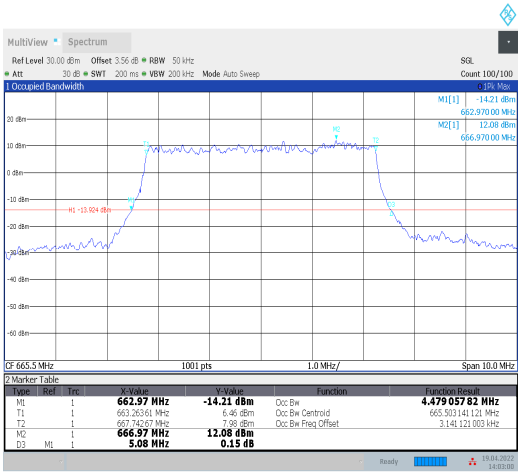

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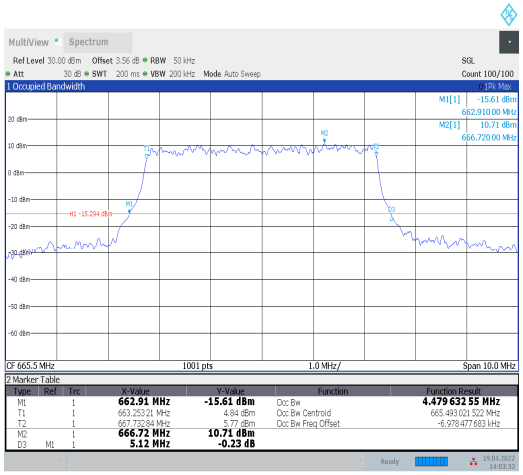

1-N71--15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant0-4.48-5.120-≤5-PASS

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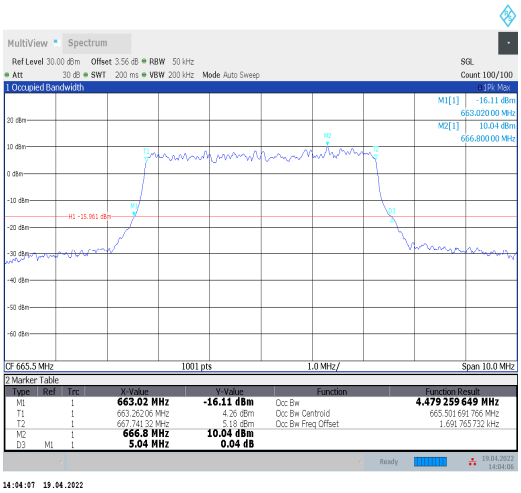

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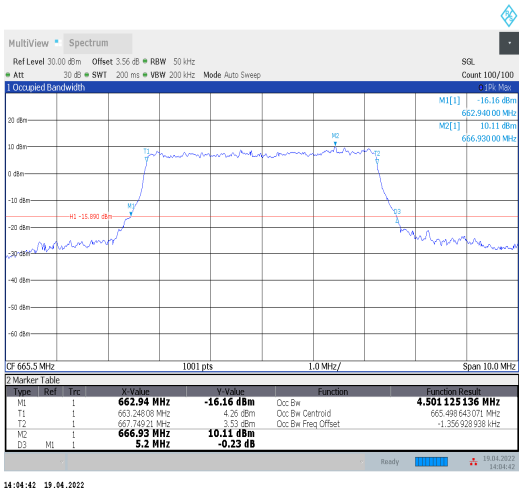

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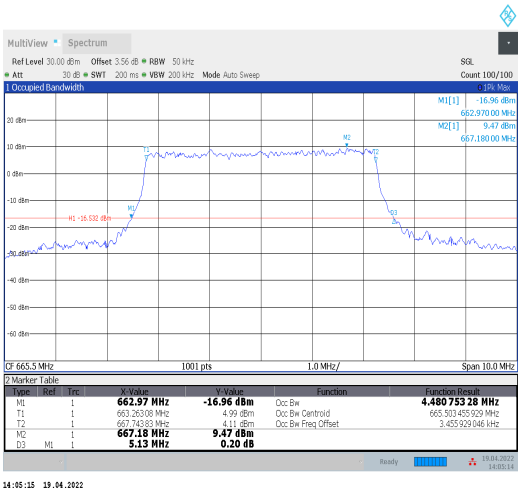

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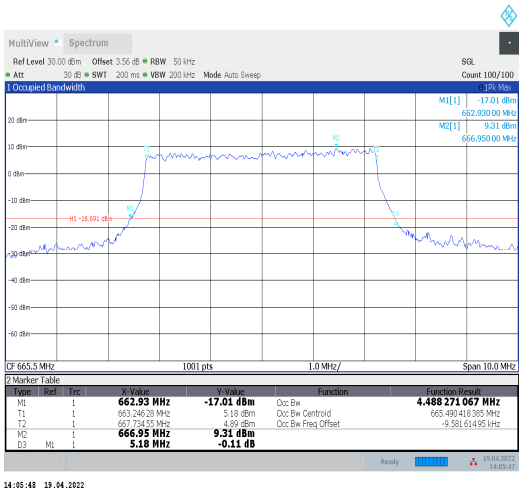

1-N71--15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant0-4.488-5.180-≤5-PASS

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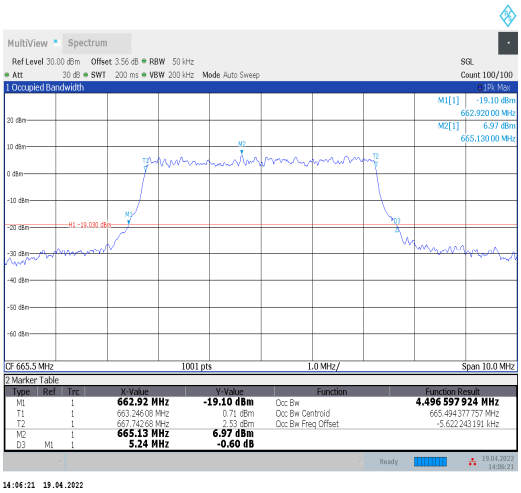

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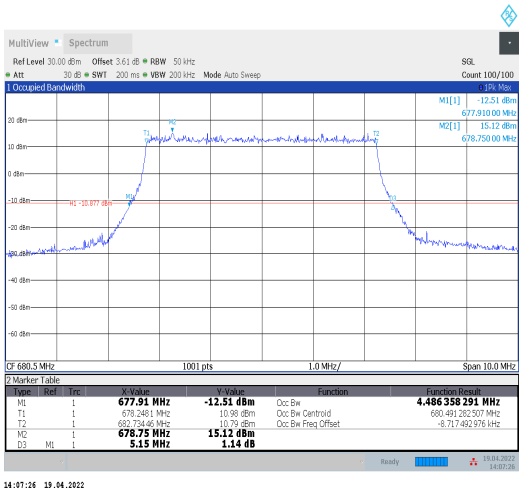

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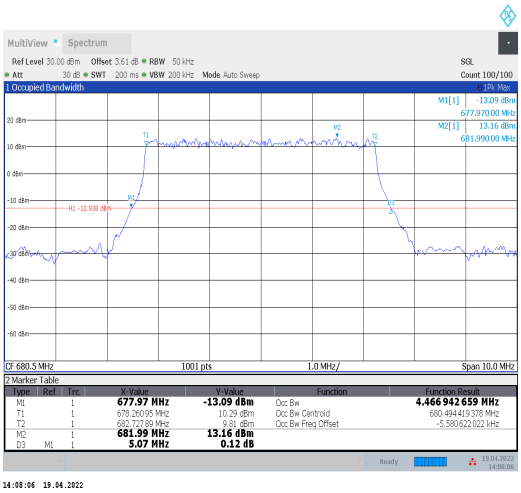

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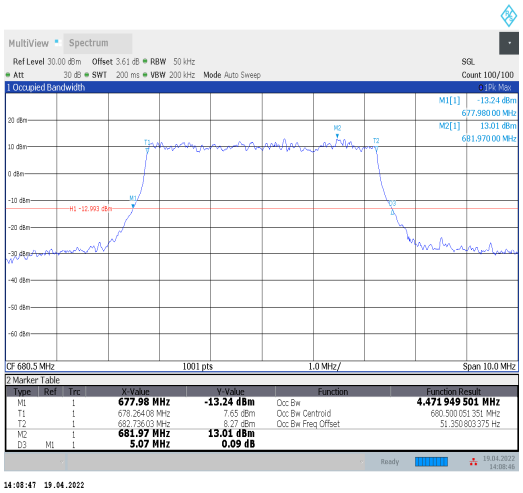

1-N71--15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant0-4.472-5.070-≤5-PASS

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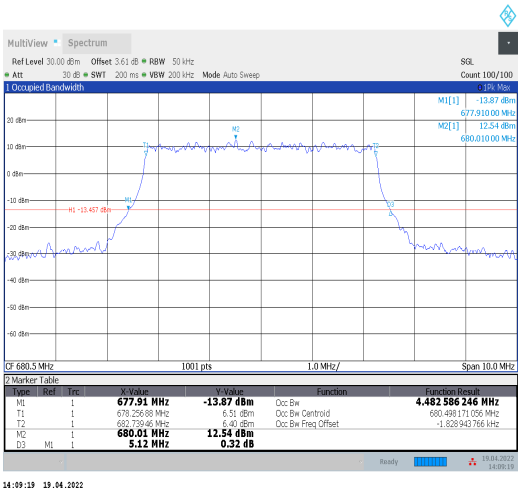

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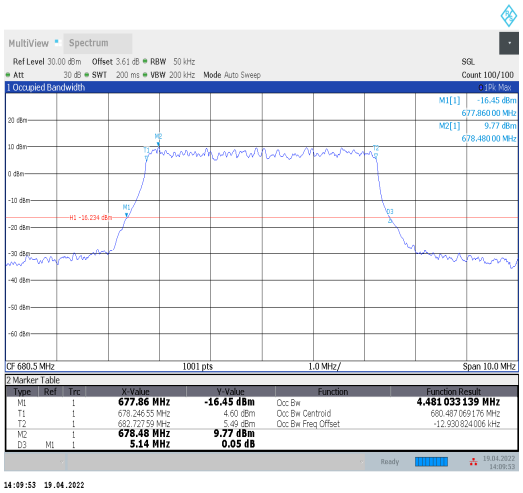

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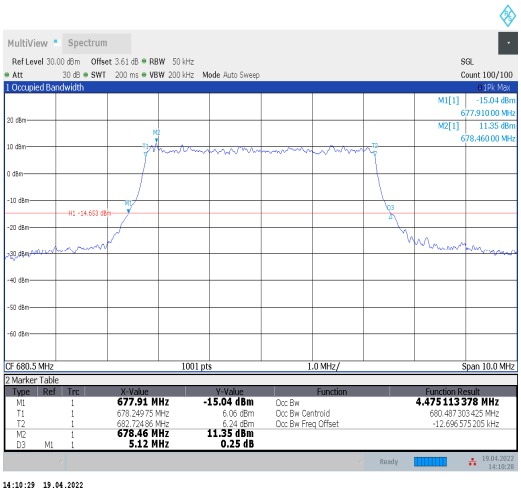

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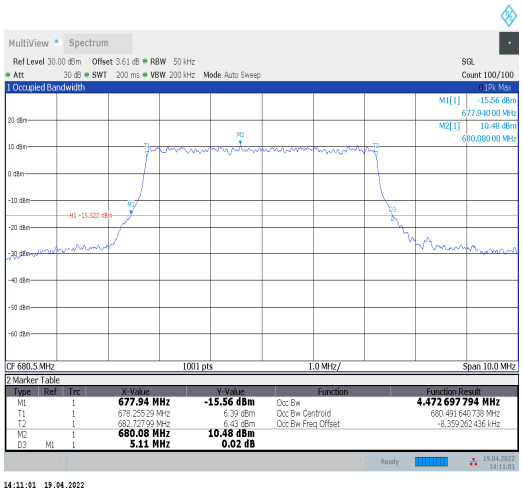

1-N71--15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant0-4.473-5.110-≤5-PASS

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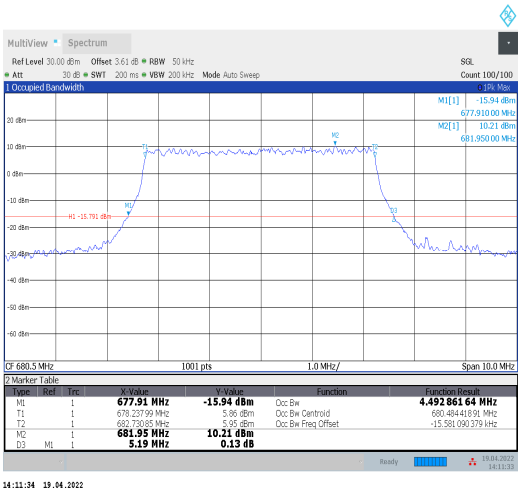

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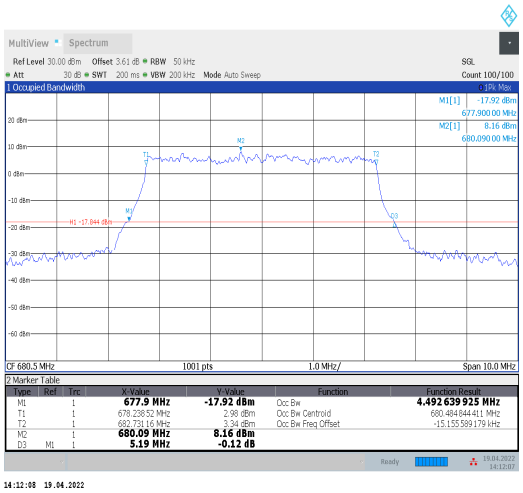

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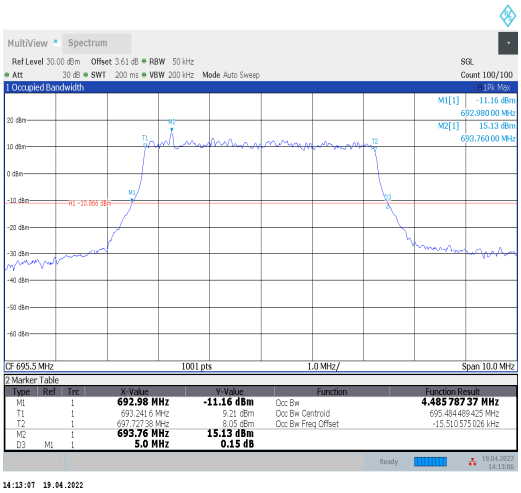

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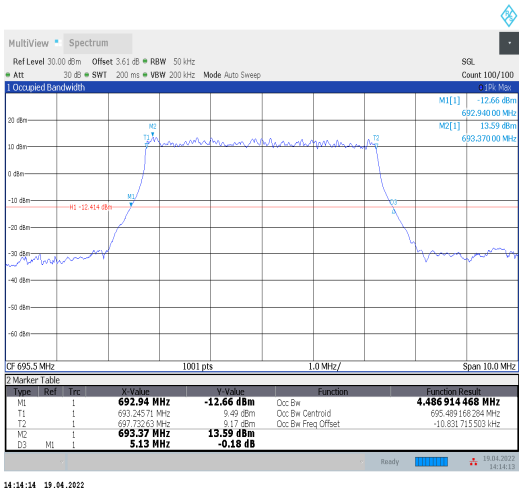

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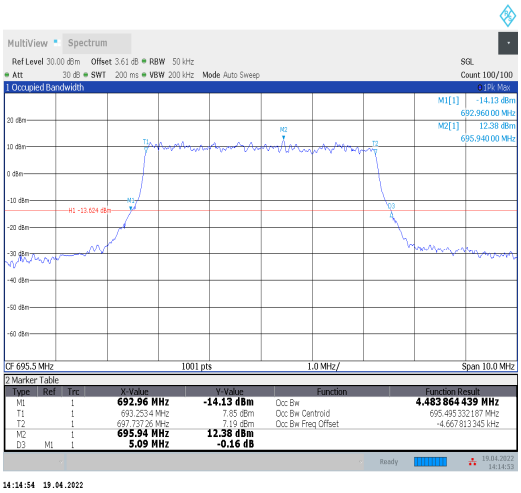

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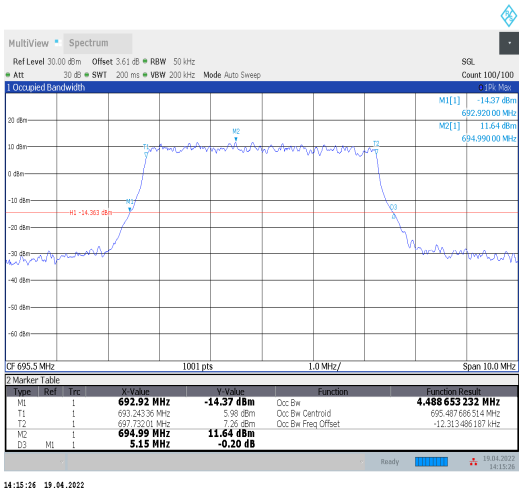

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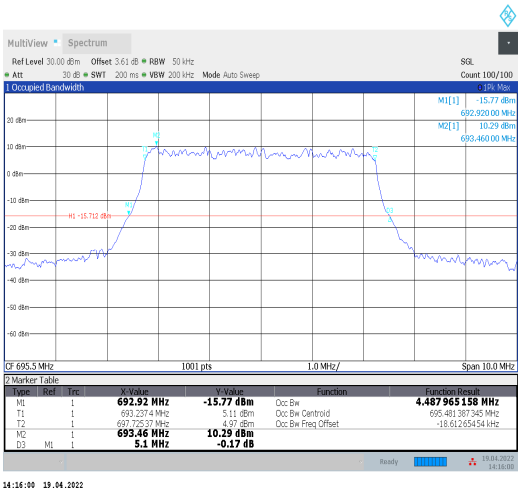

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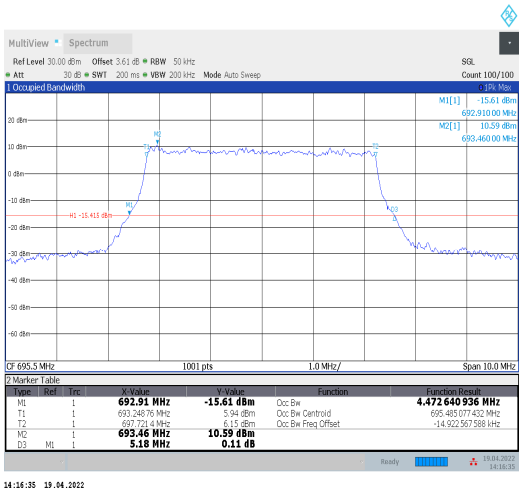

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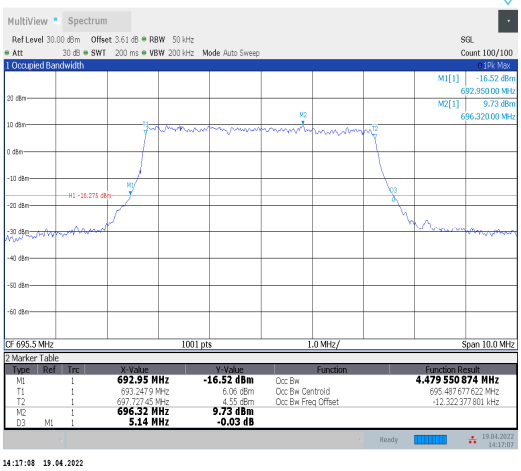

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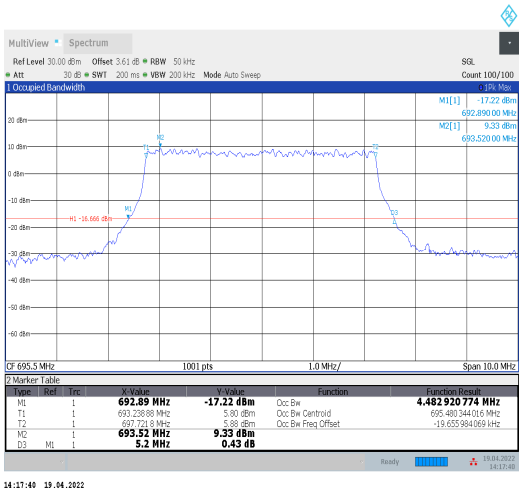

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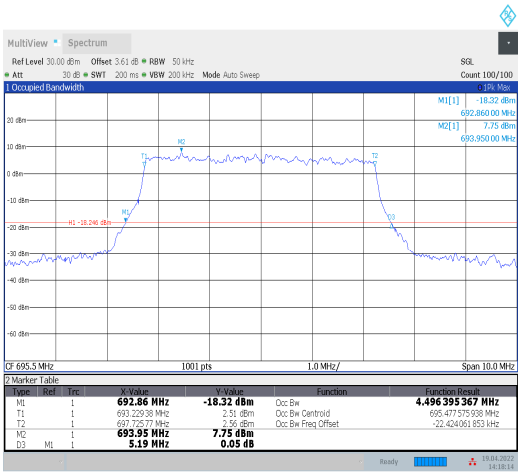

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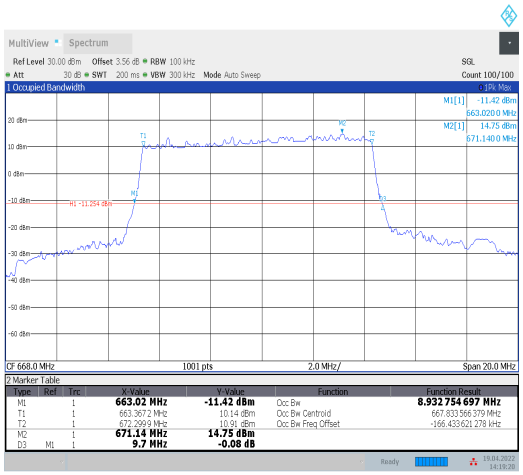

1-N71--15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant0-8.933-9.700-≤10-PASS

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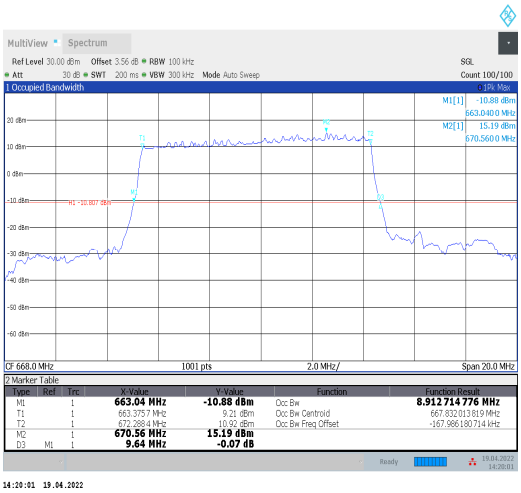

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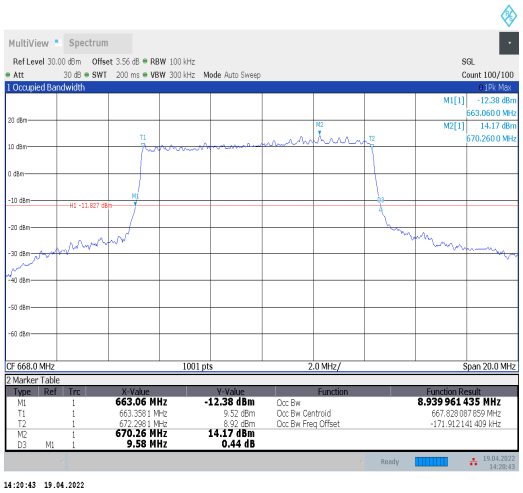

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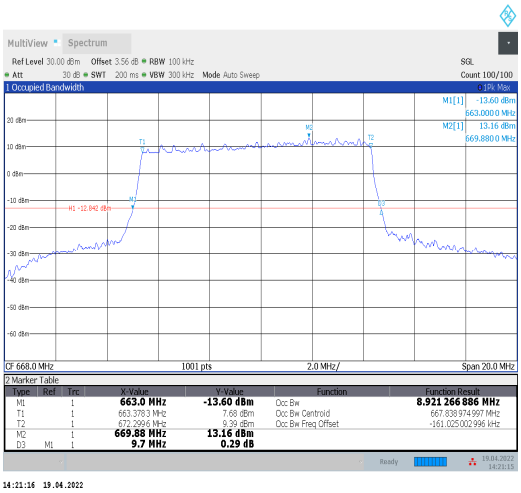

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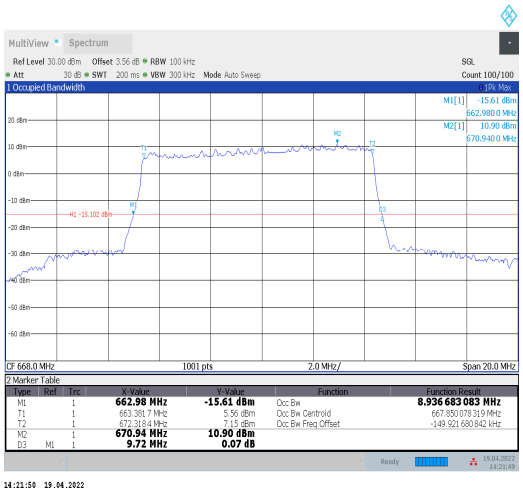

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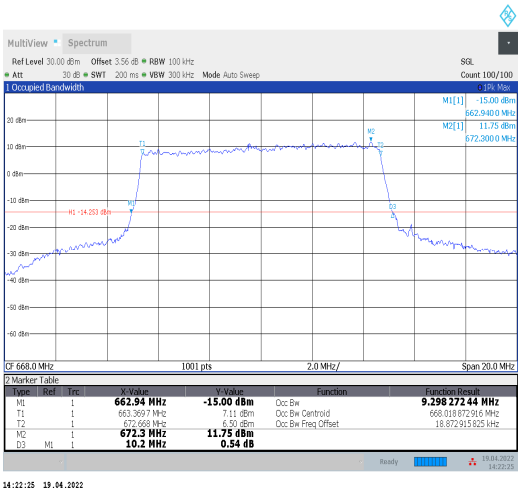

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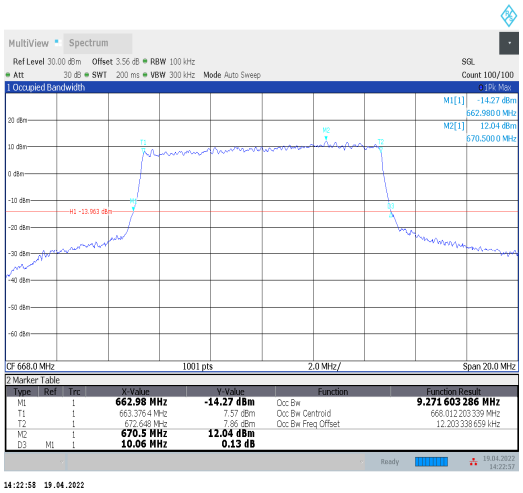

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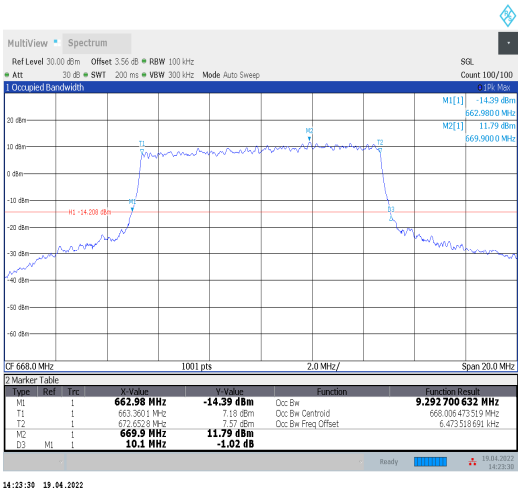

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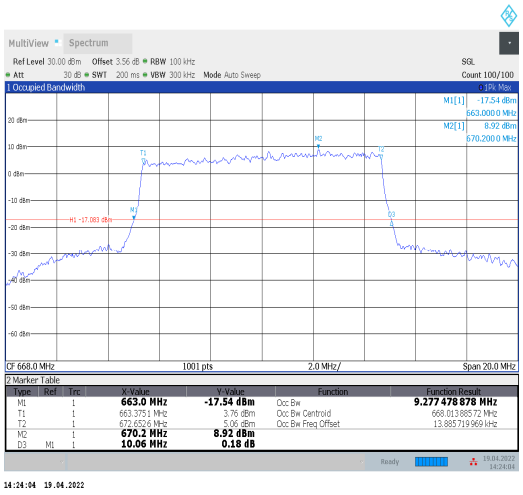

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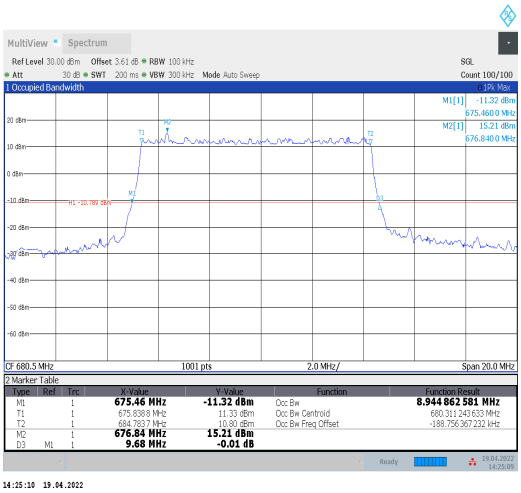

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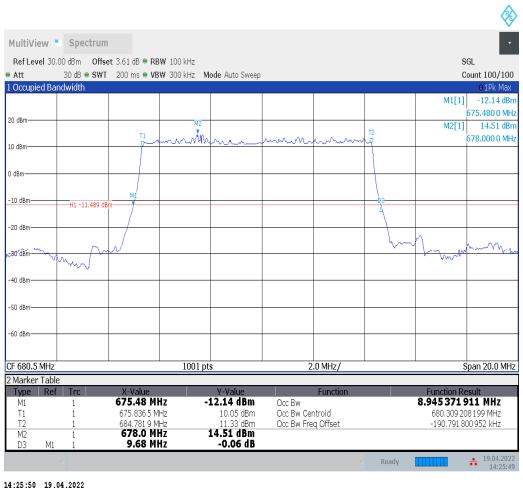

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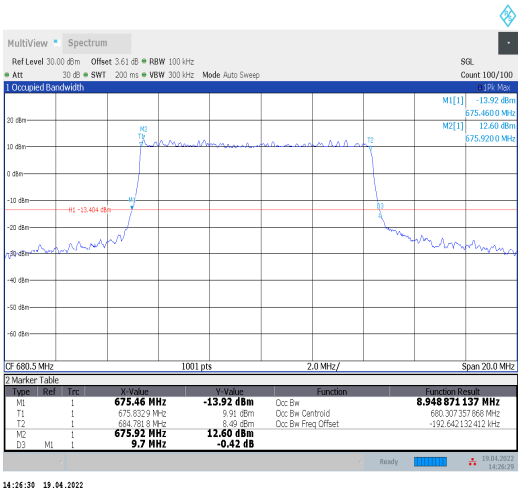

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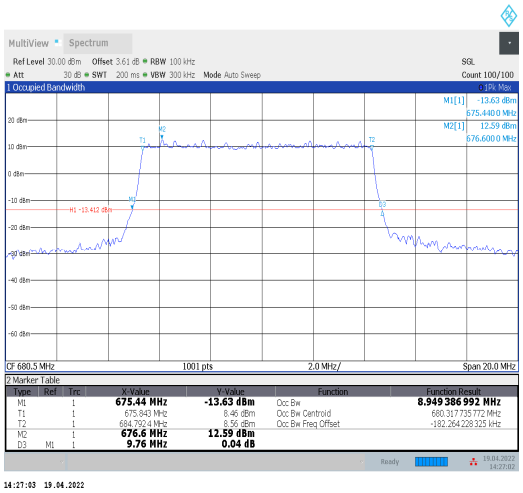

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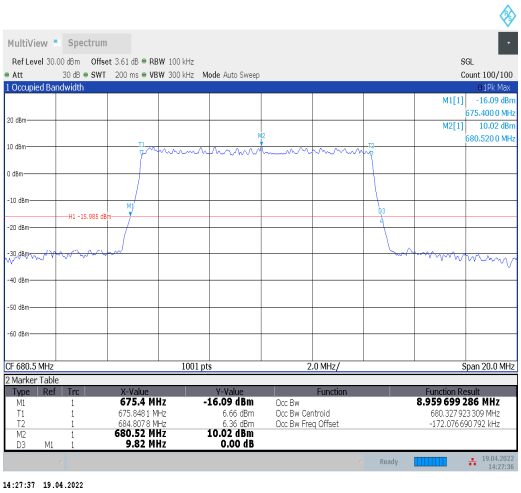

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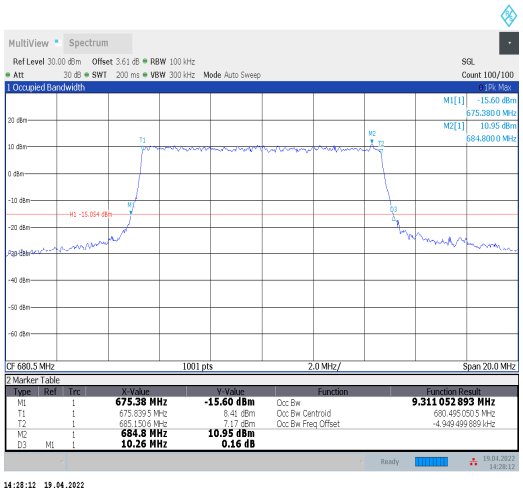

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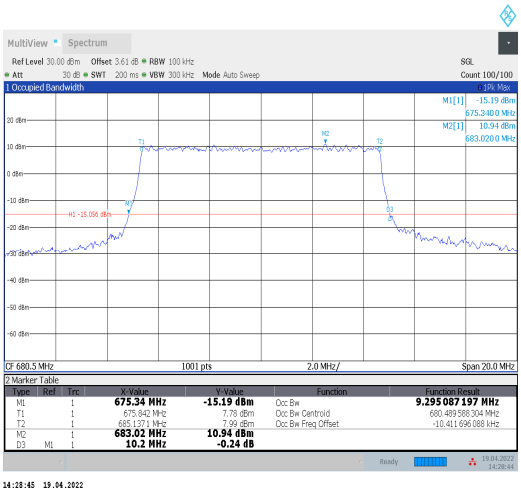

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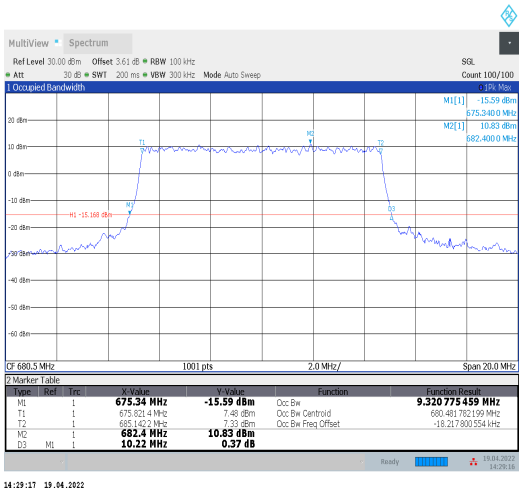

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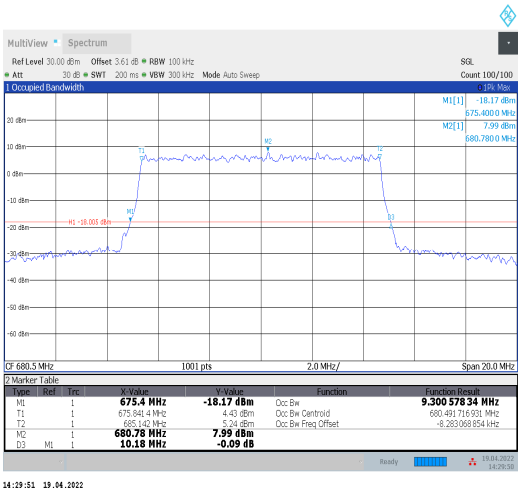

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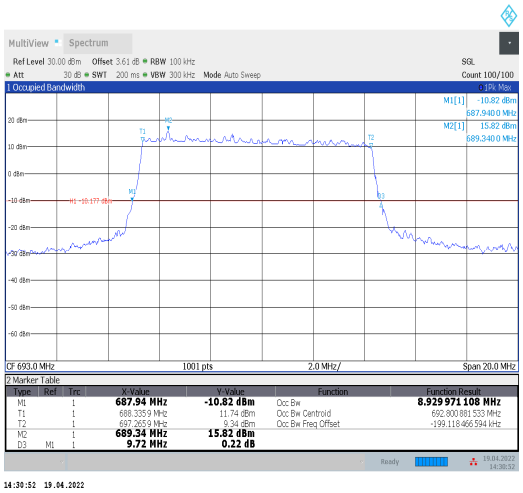

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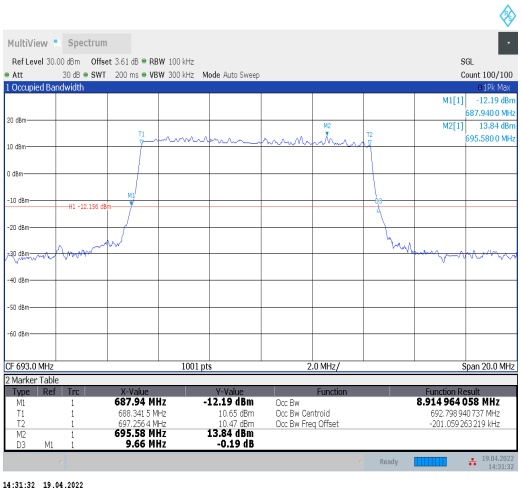

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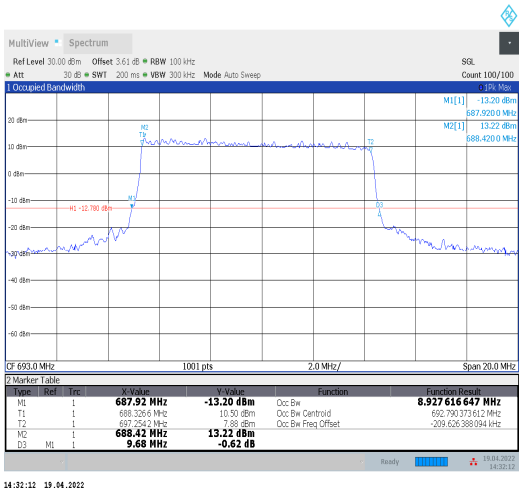

1-N71--15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant0-8.928-9.680-≤10-PASS

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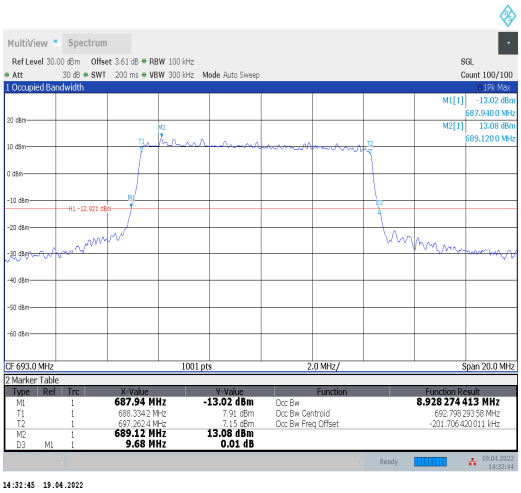

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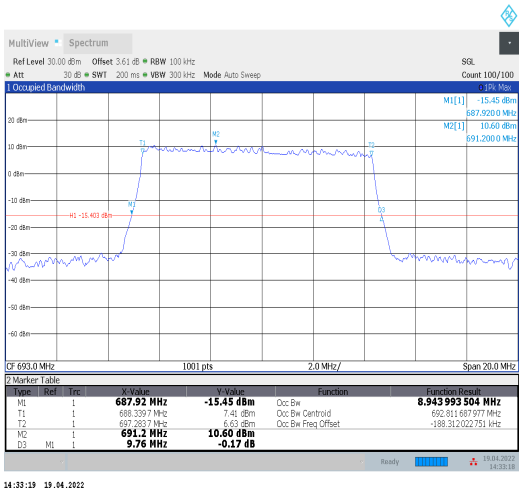
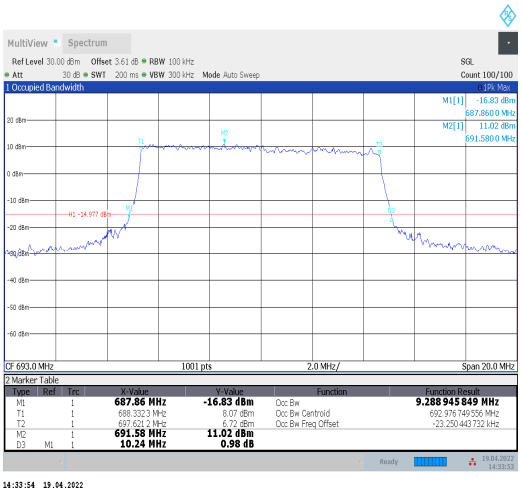
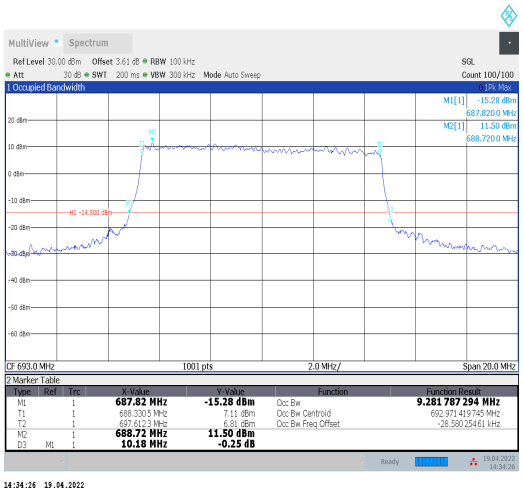


1-N71--15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant0-8.944-9.760-≤10-PASS



1-N71--15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant0-9.289-10.240-≤10-PASS



1-N71--15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant0-9.282-10.180-≤10-PASS

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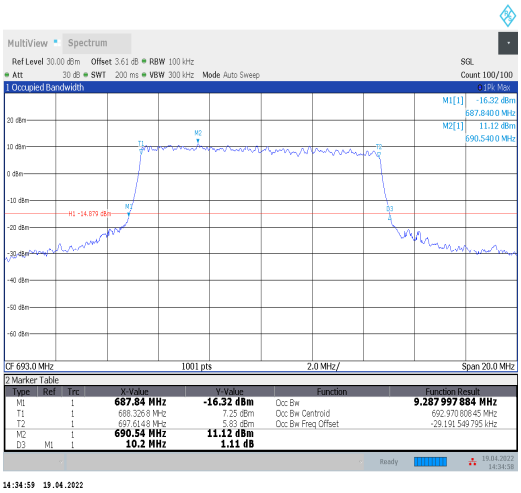

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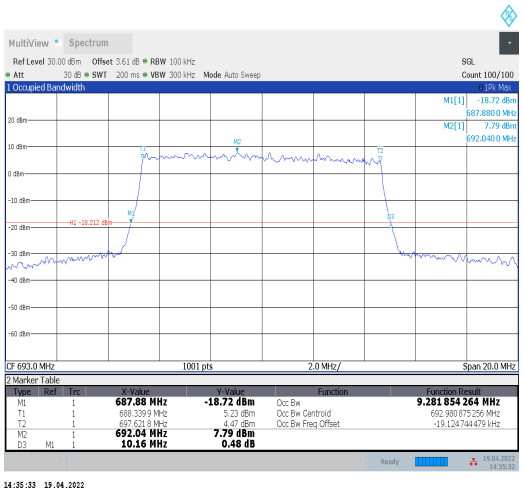

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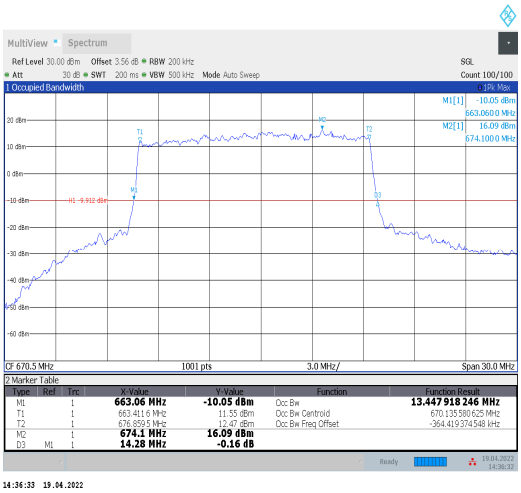

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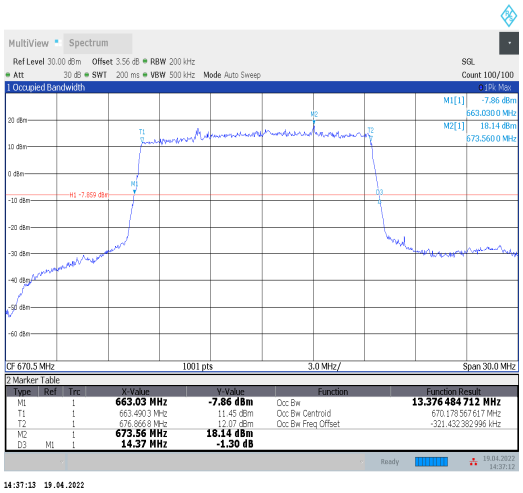

1-N71--15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant0-13.376-14.370-≤15-PASS

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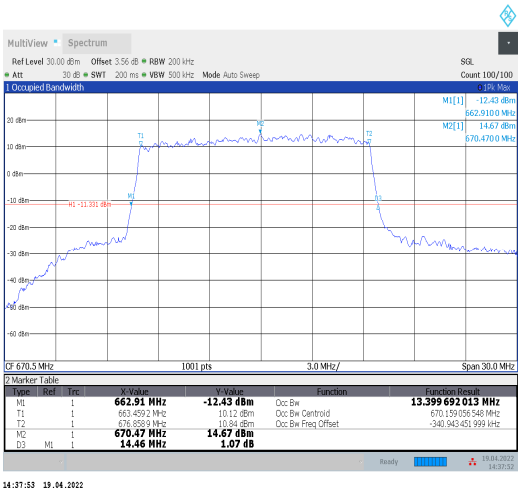

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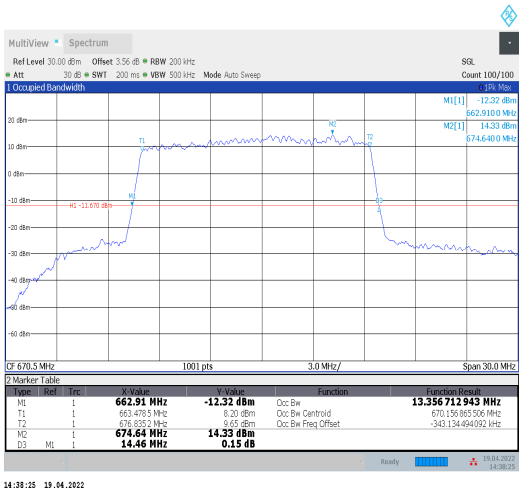

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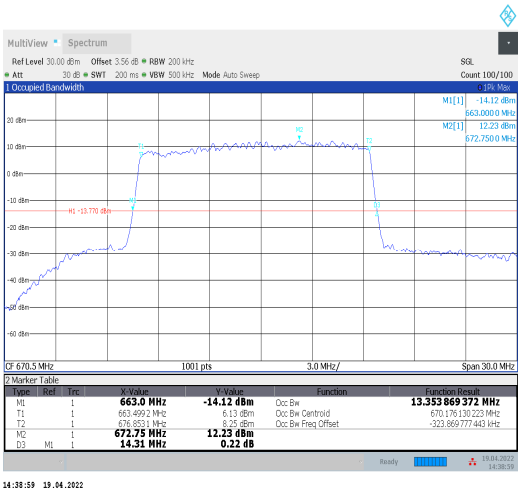

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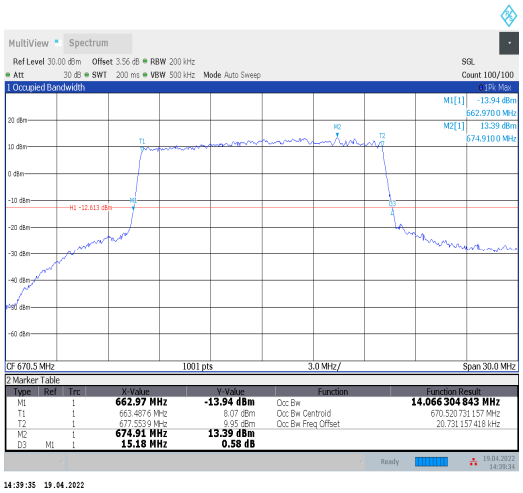

1-N71--15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant0-14.066-15.180-≤15-PASS

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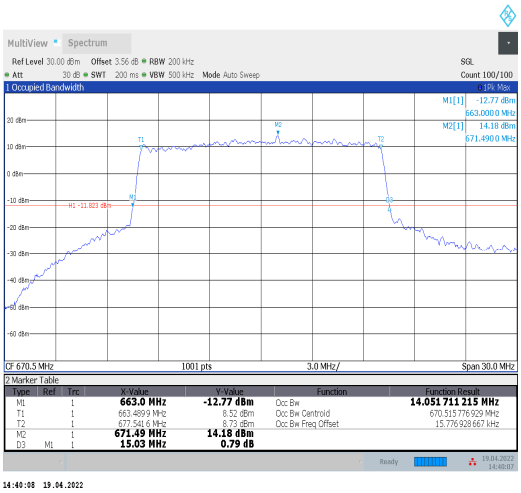

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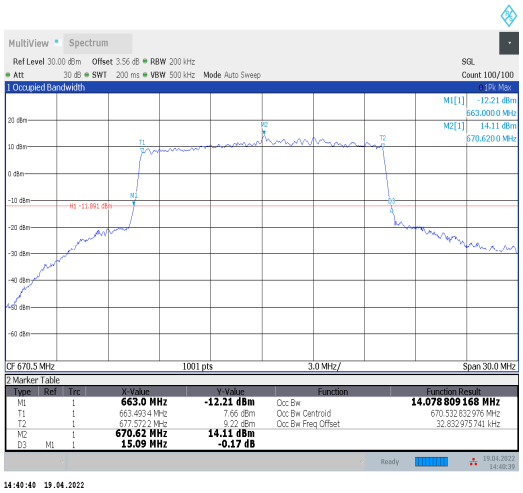

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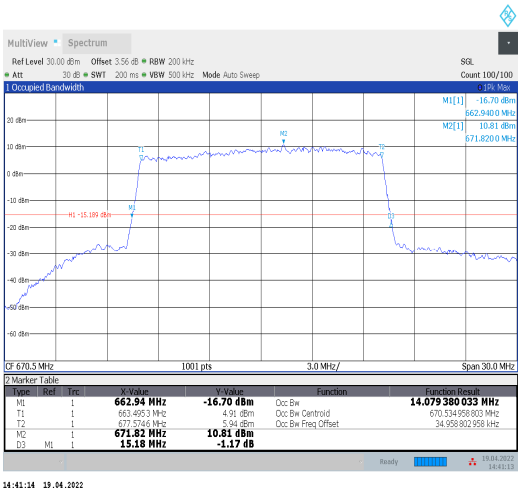

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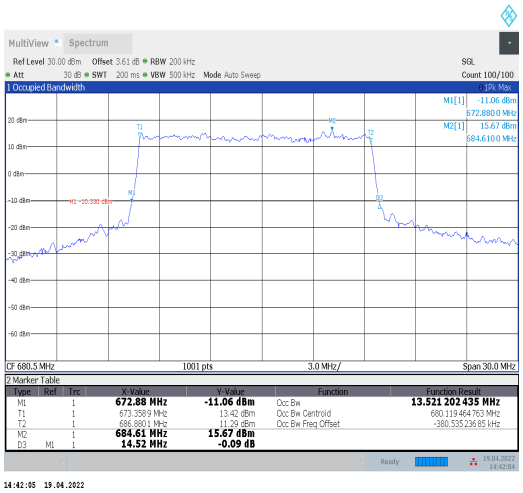

1-N71--15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant0-13.521-14.520-≤15-PASS

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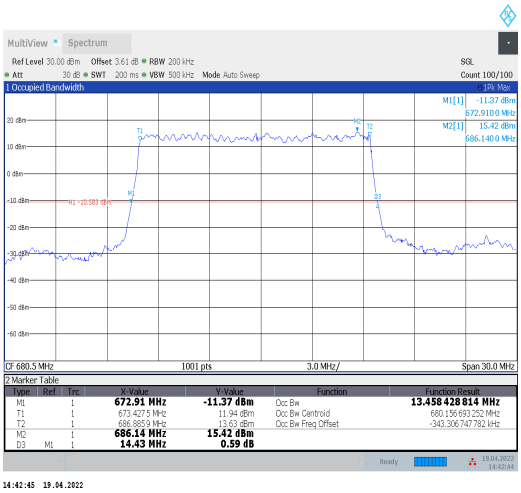

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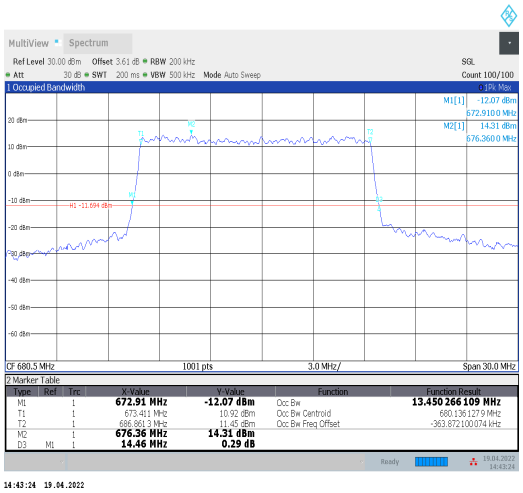

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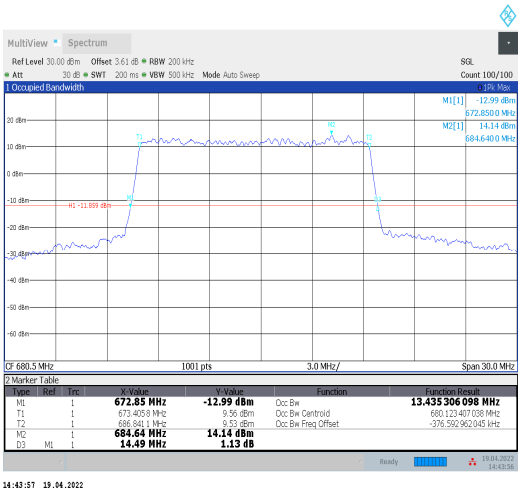

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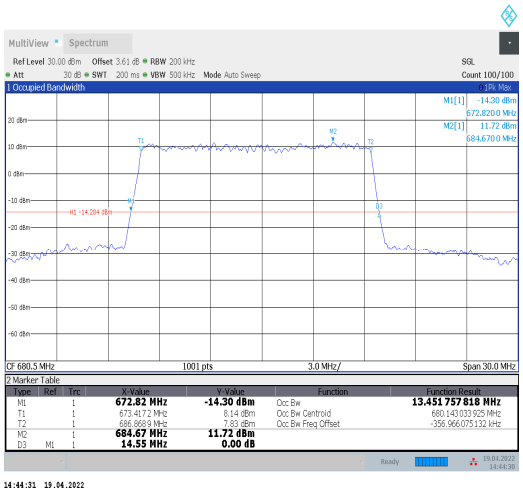

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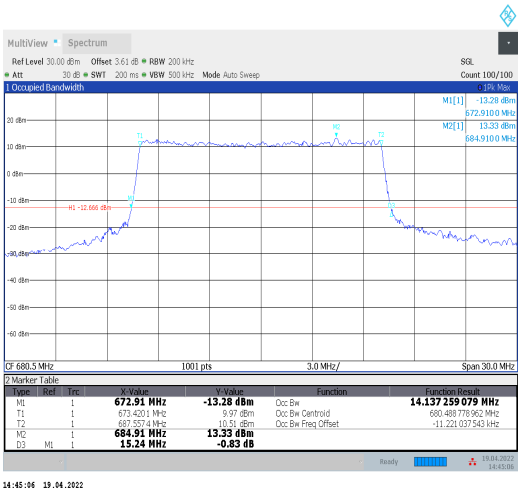

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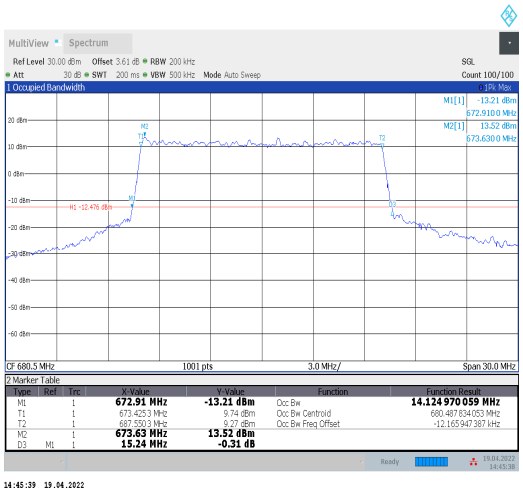

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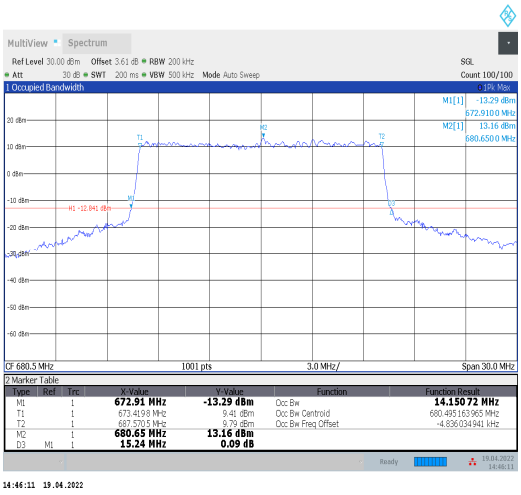

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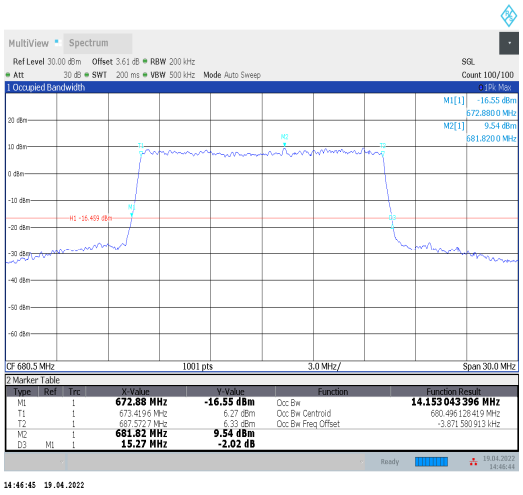

1-N71--15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant0-14.153-15.270-≤15-PASS

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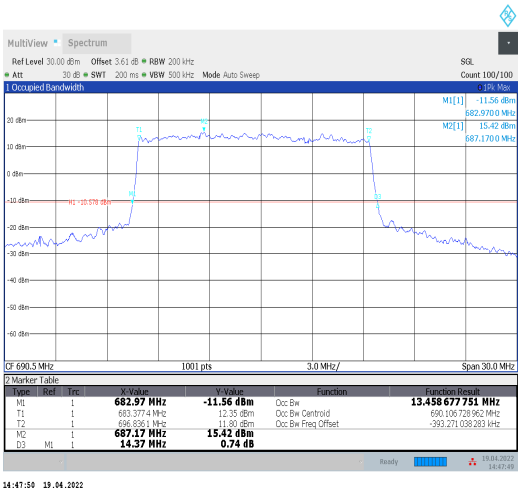

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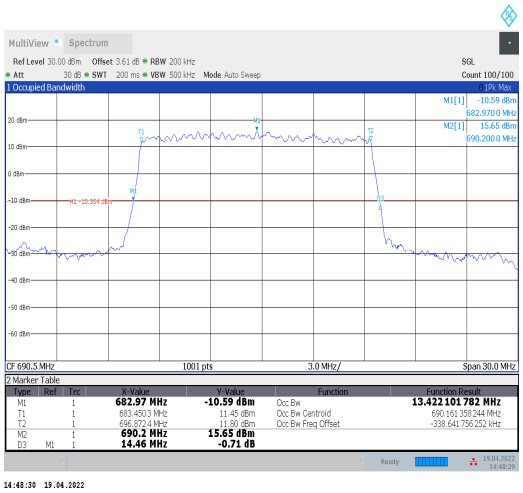

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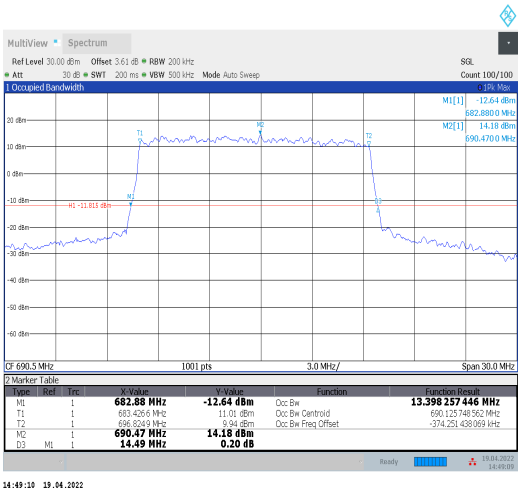

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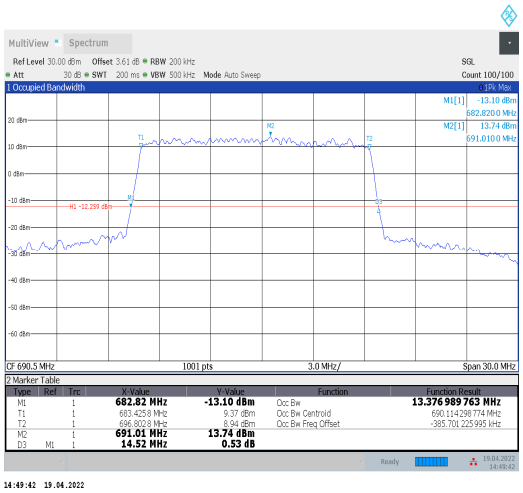

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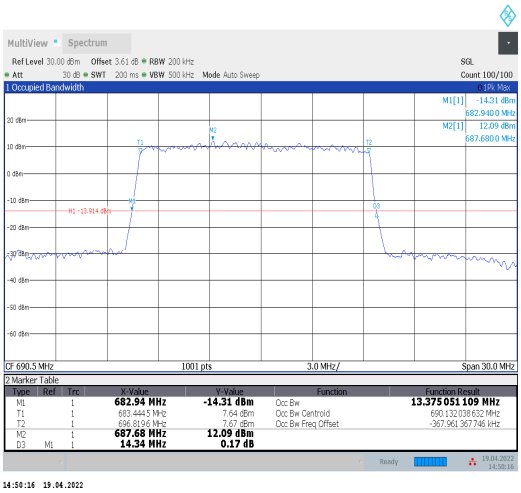

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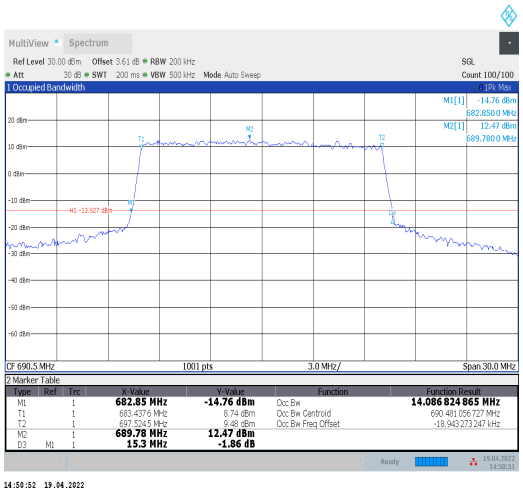

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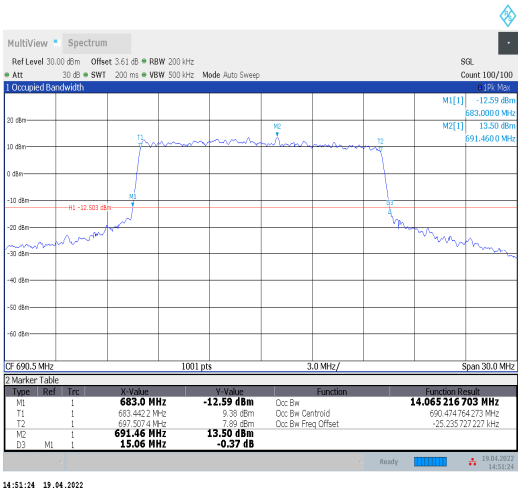

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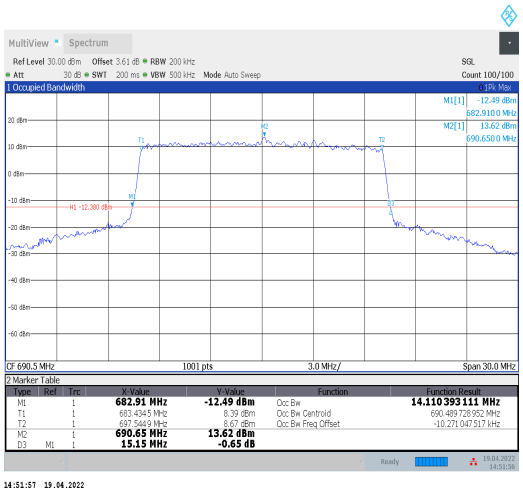

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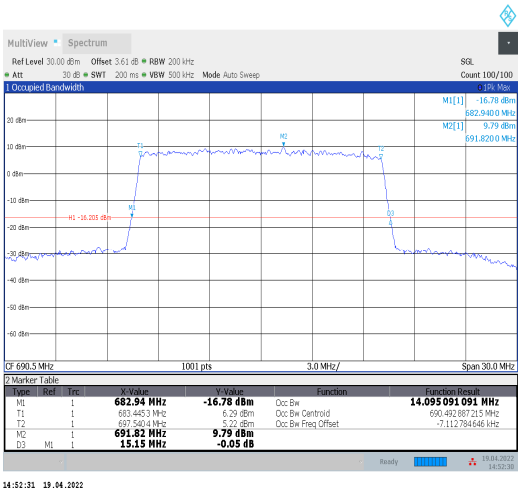

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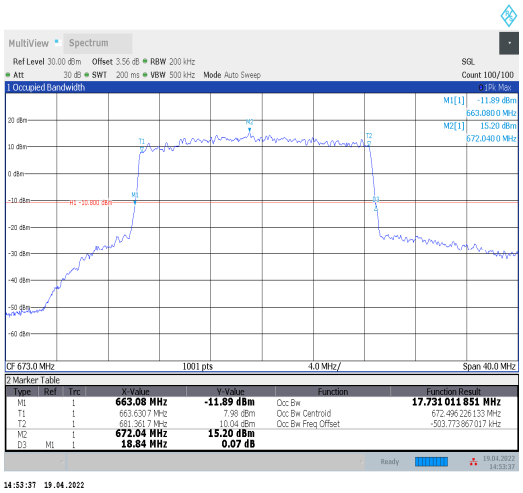

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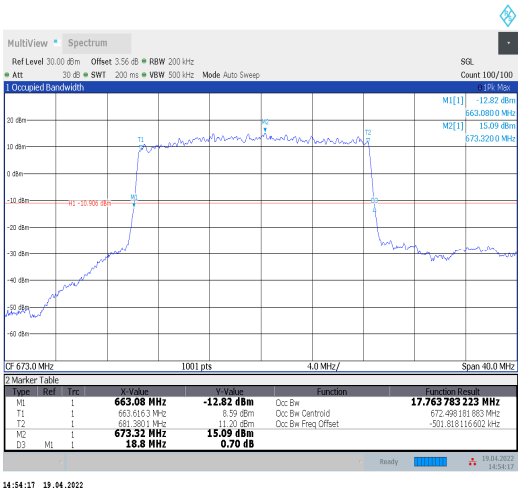

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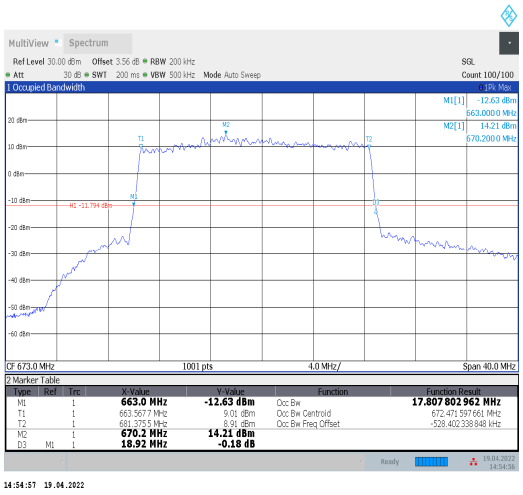

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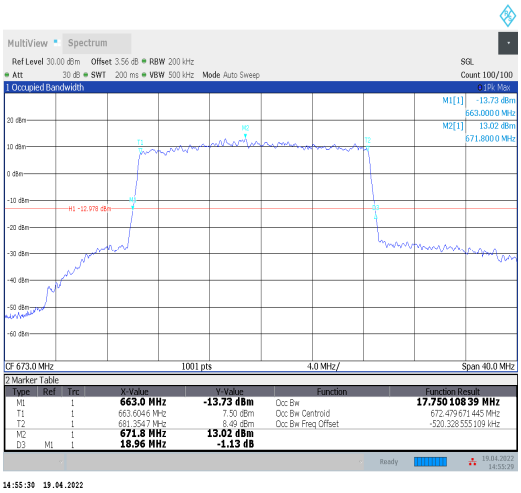

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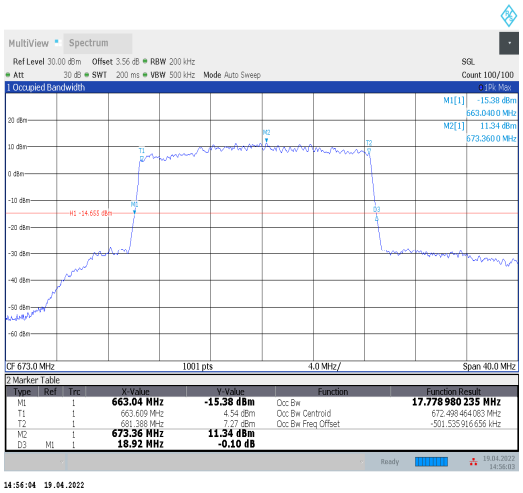

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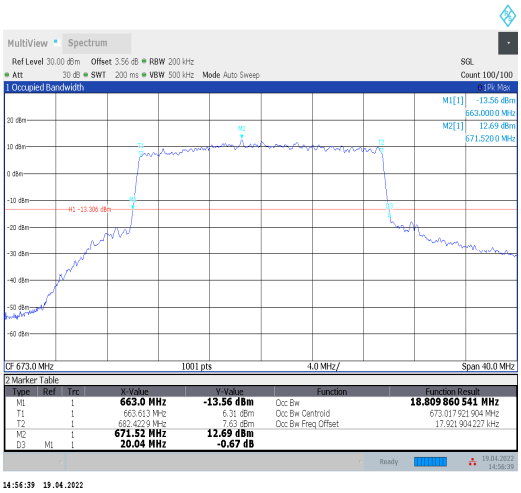

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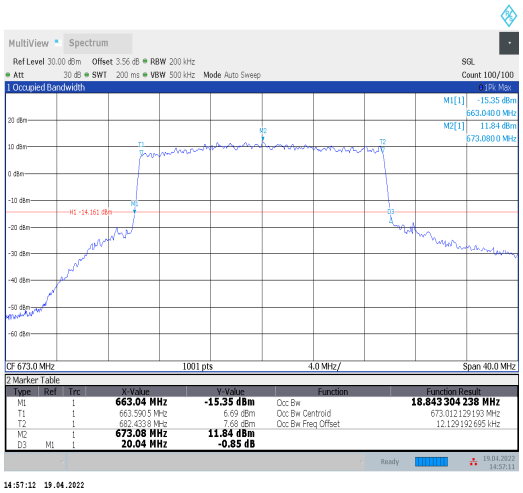

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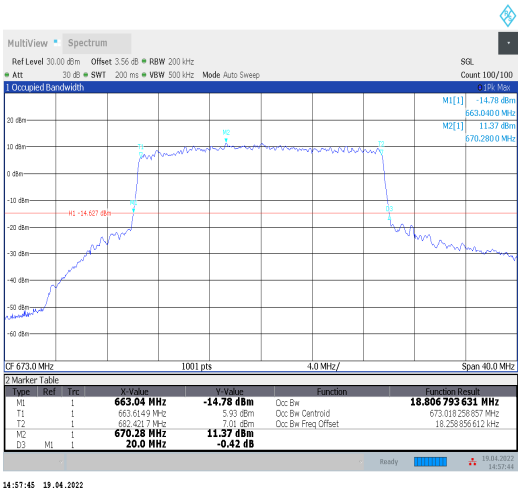

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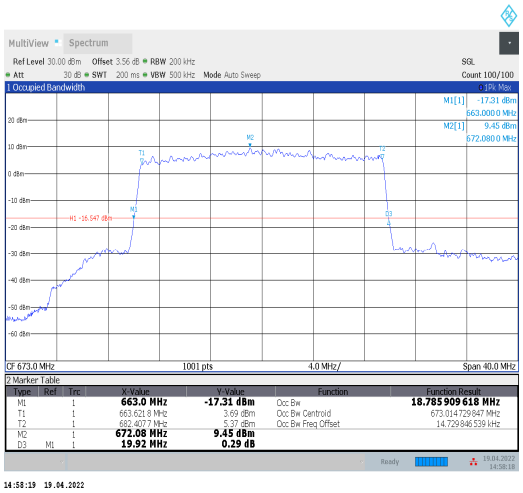

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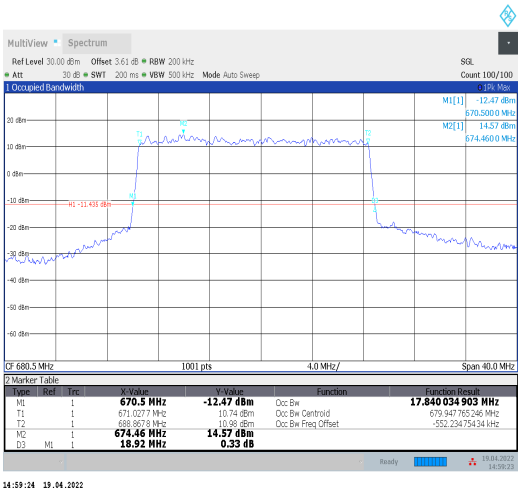

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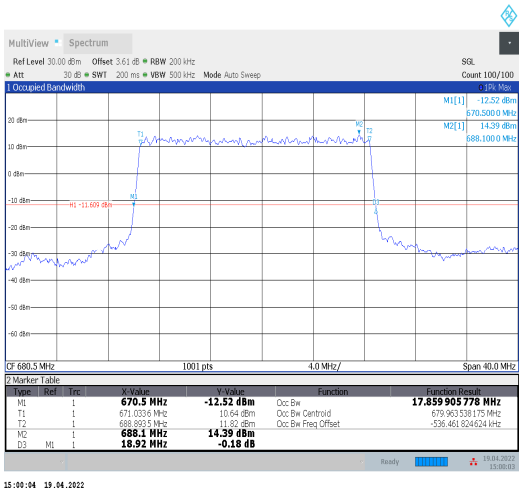

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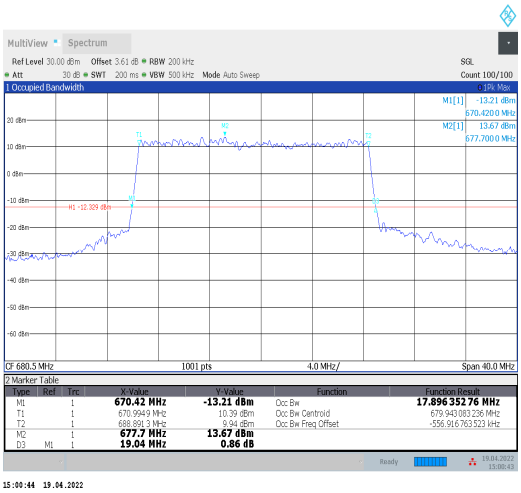

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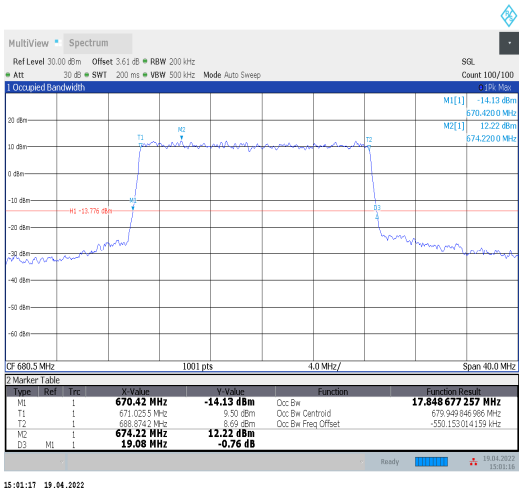

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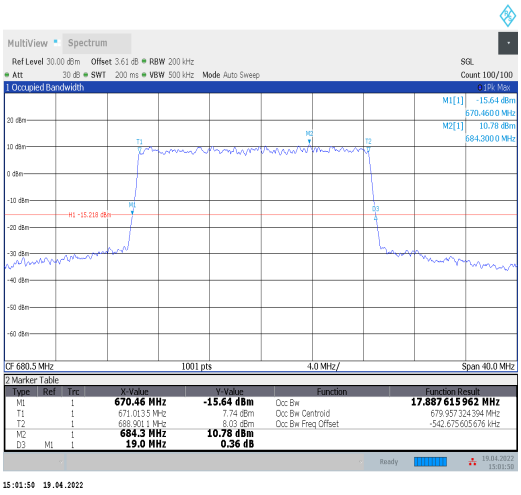

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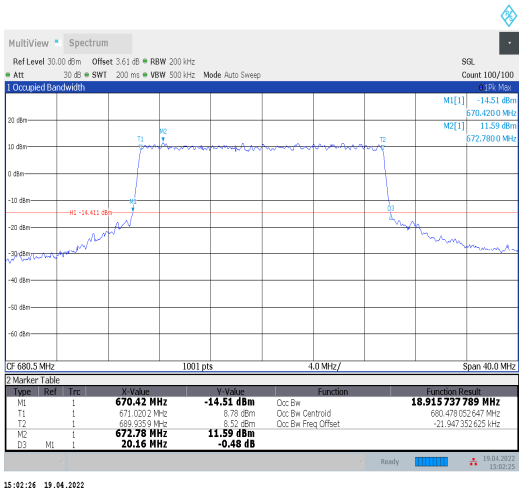

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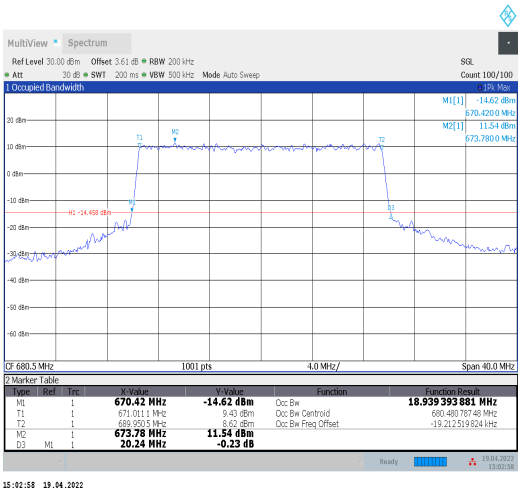

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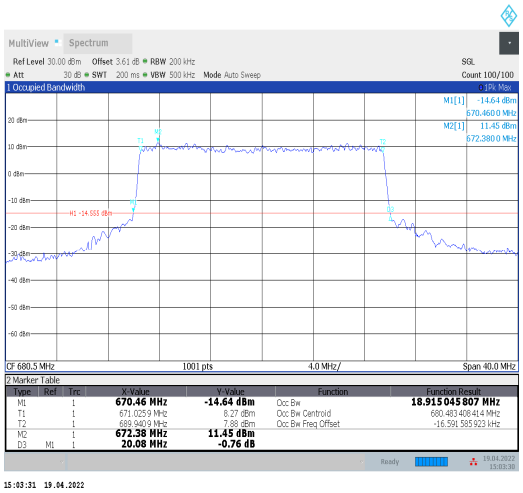

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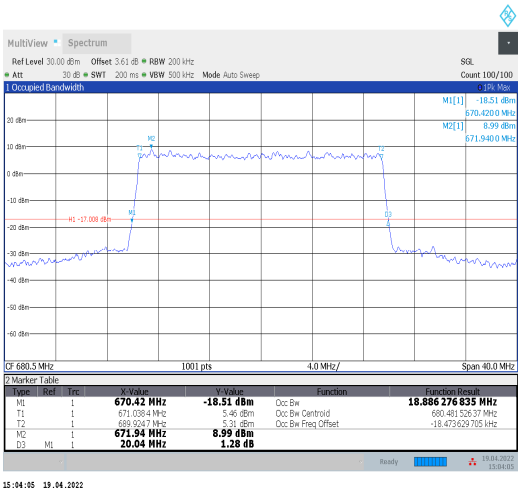

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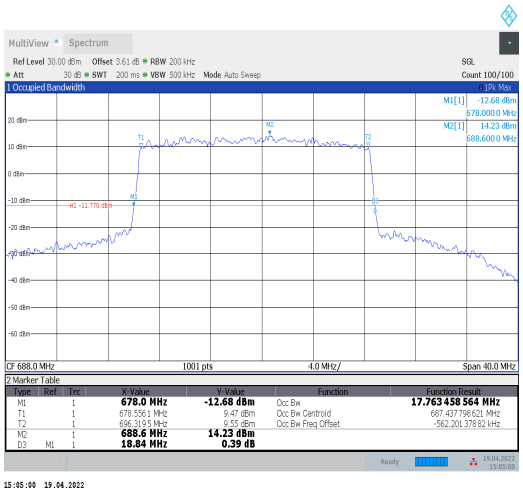

1-N71--15-20-H-1-DFT-QPSK-Outer_Full-100@0-Ant0-17.763-18.840-≤20-PASS

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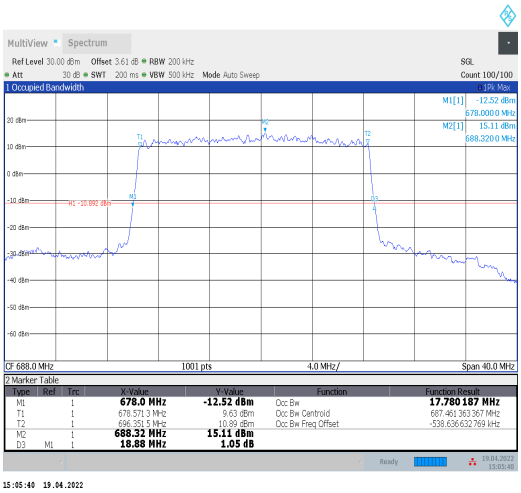

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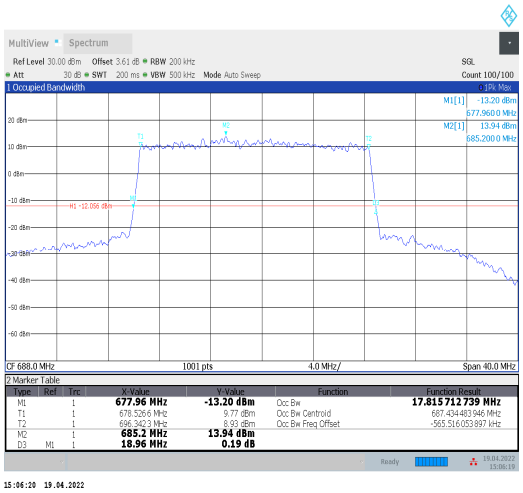

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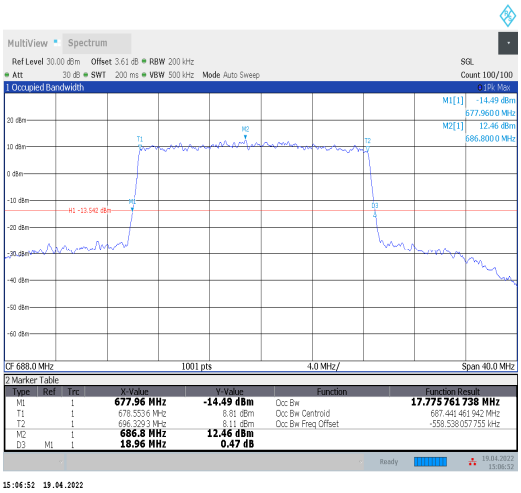

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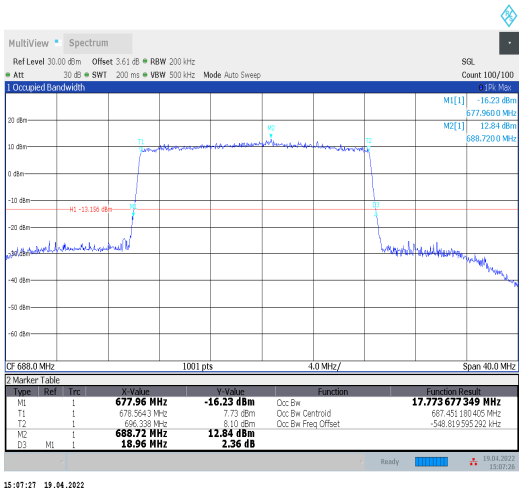

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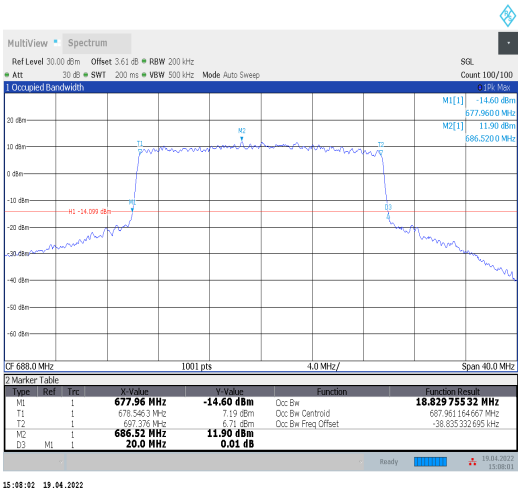

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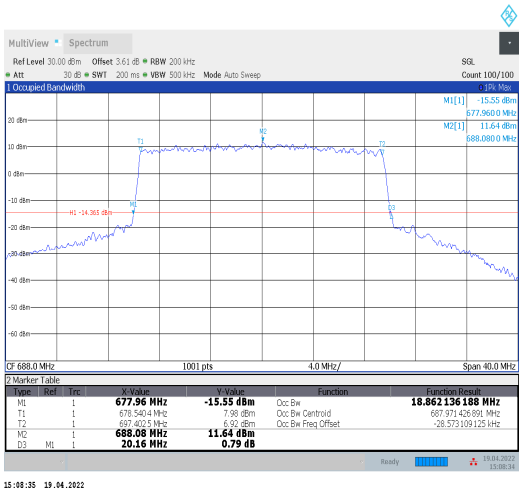

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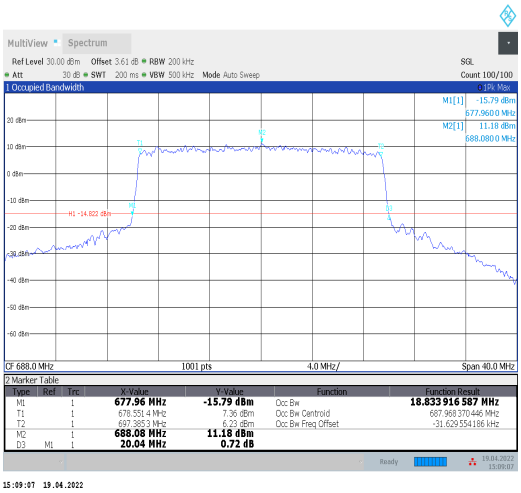

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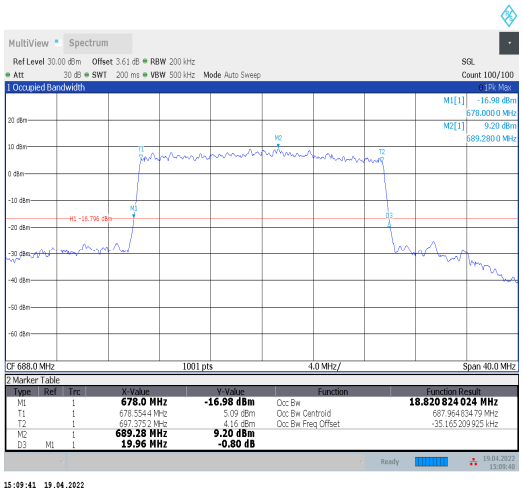

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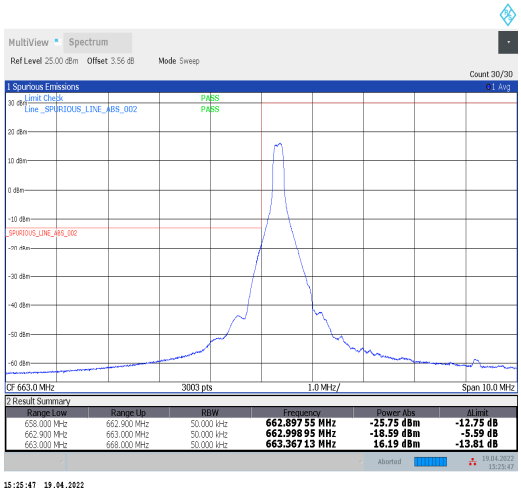
Band Edge for SA

Test Graphs



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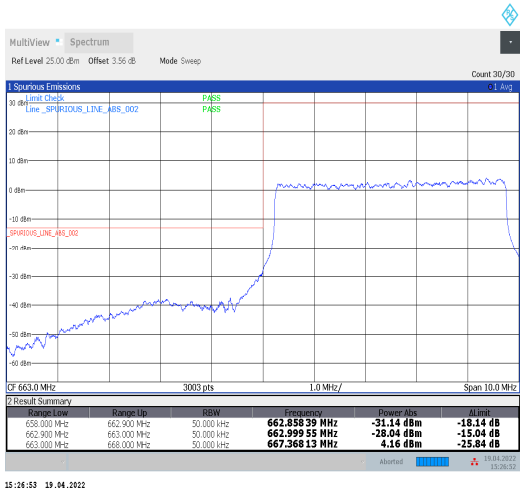

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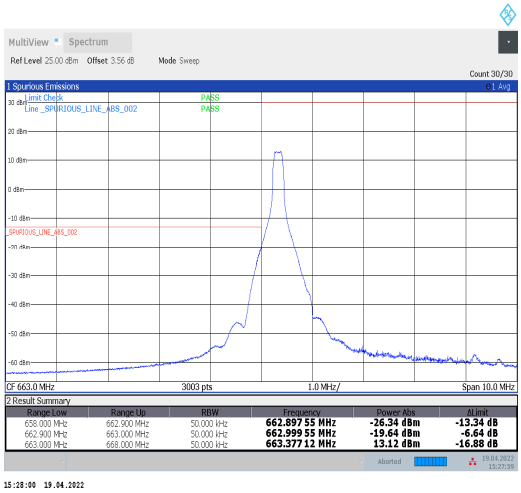

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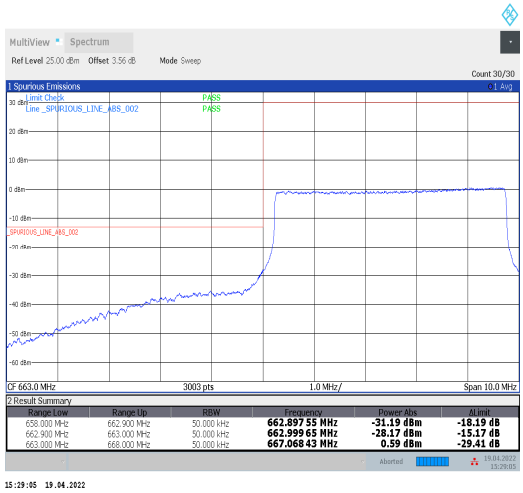

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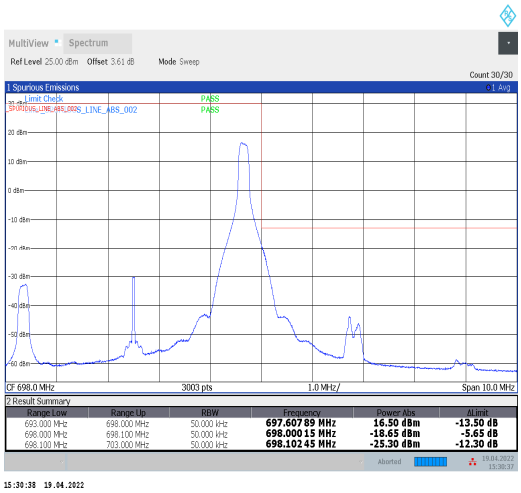

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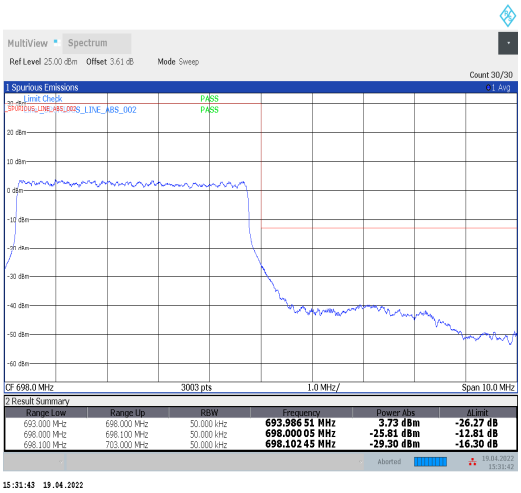

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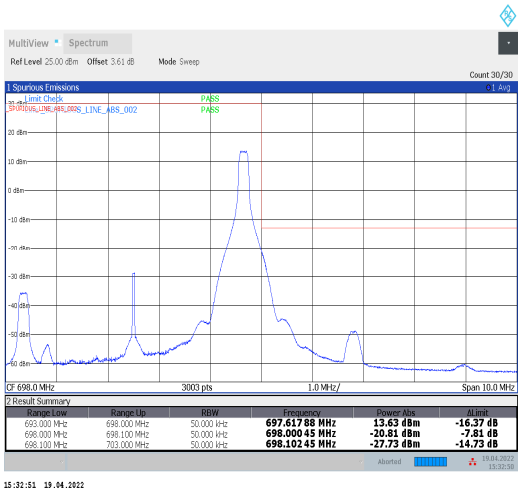

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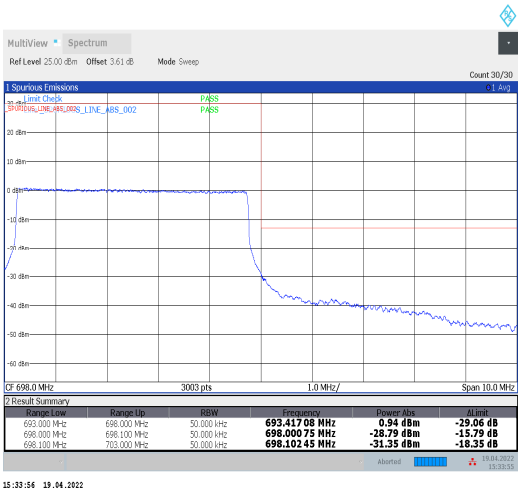

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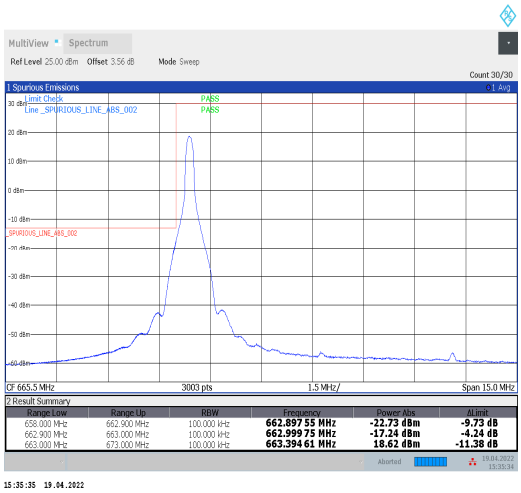

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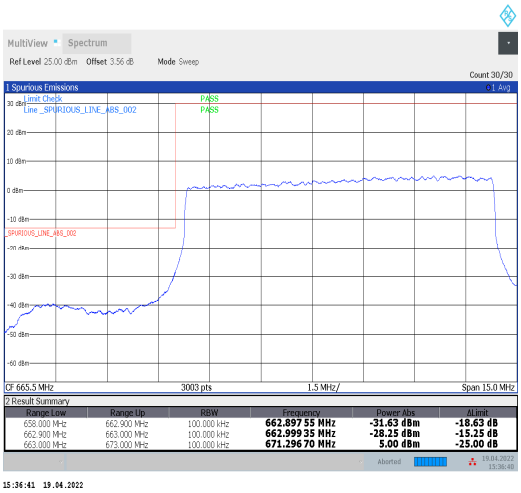

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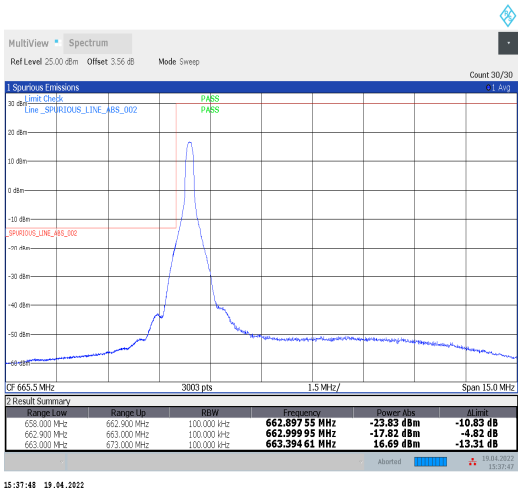

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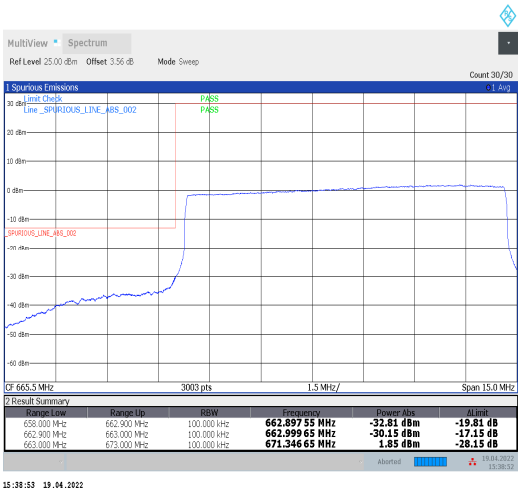

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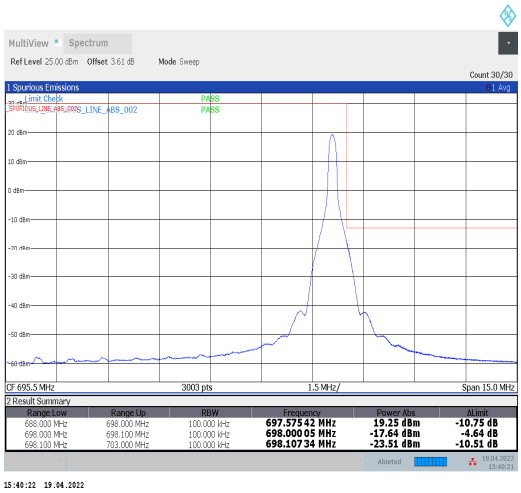

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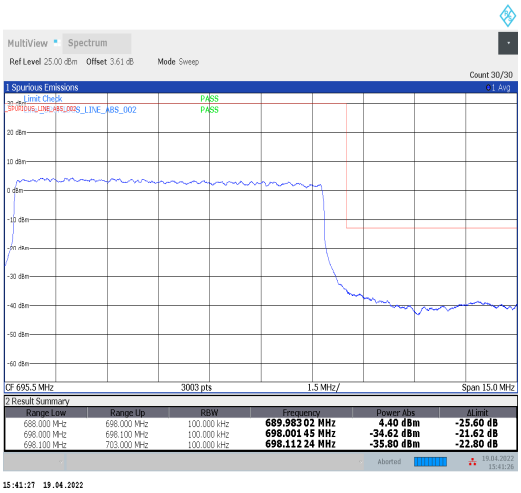

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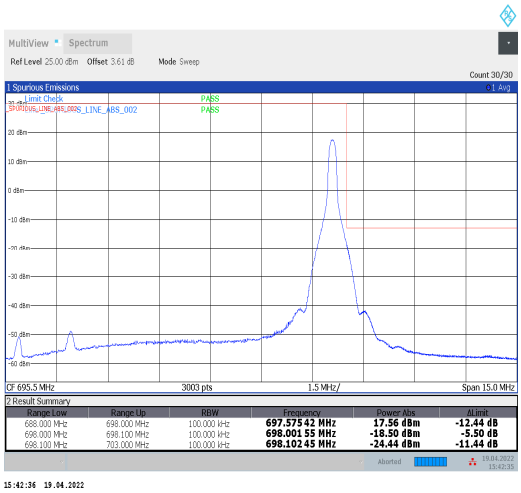

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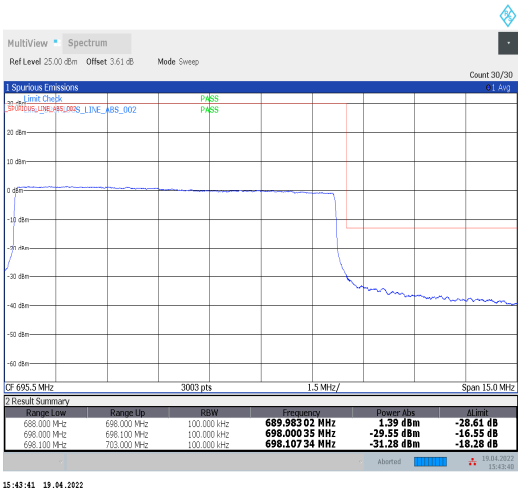

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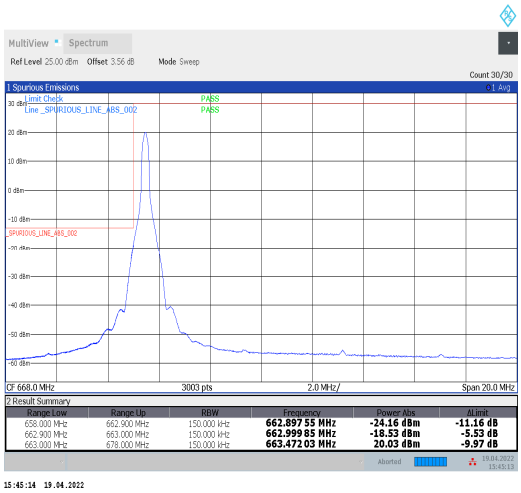

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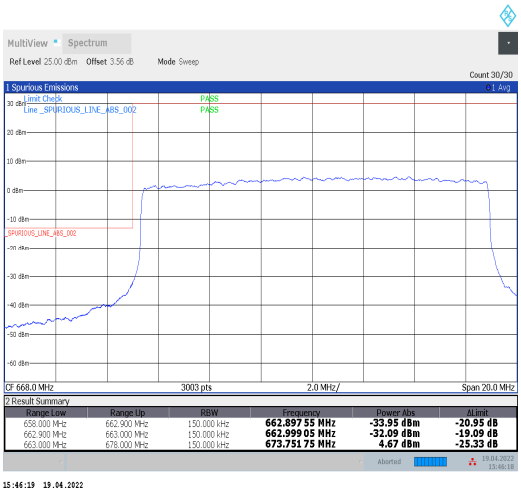

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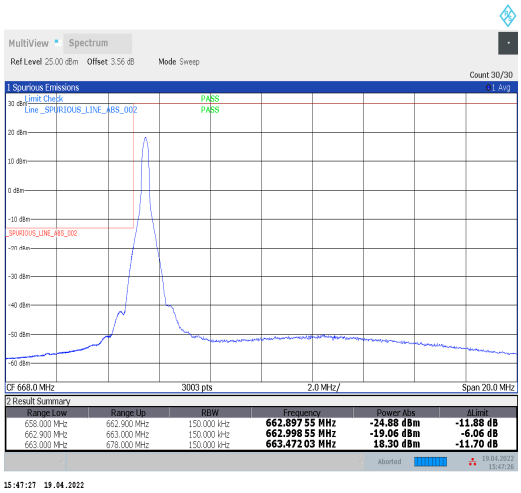

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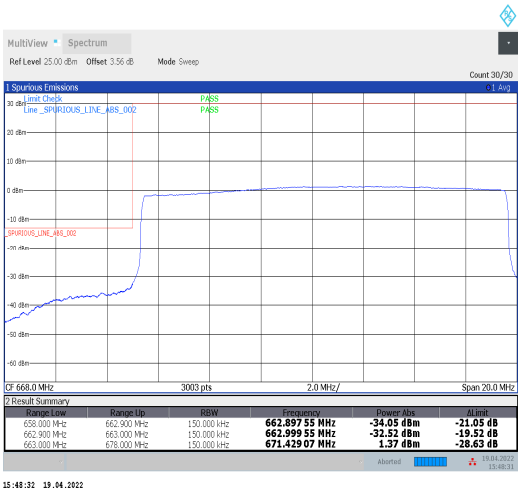

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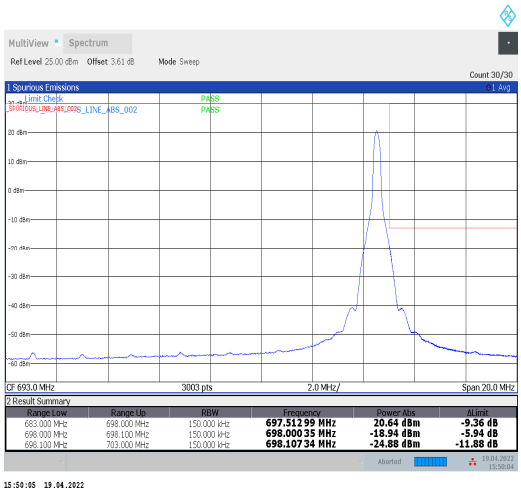

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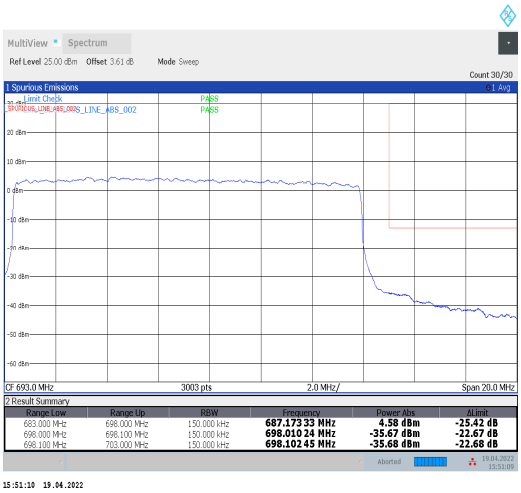

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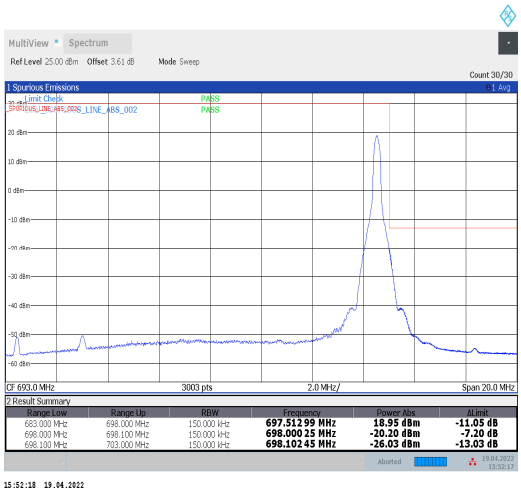

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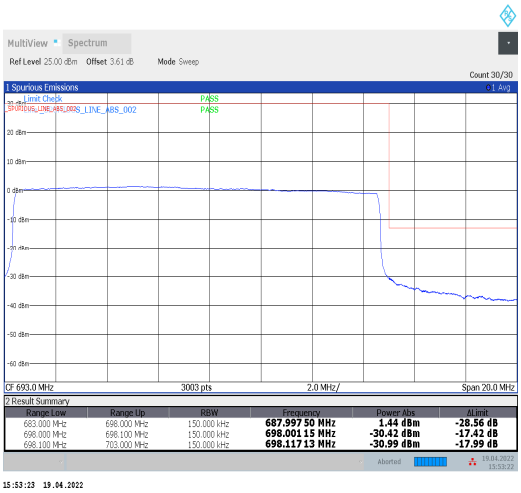

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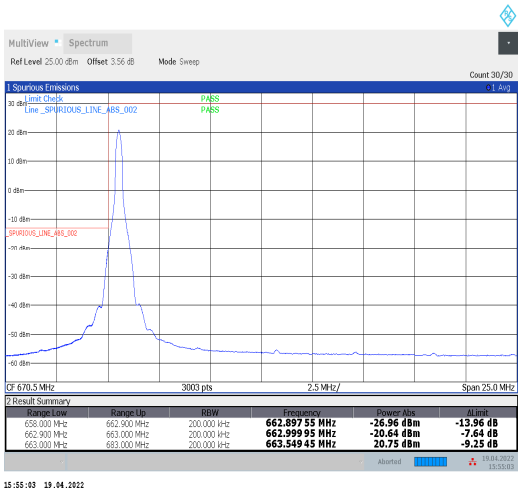

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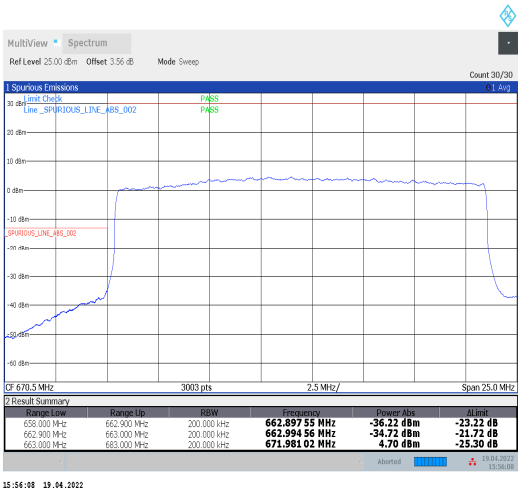

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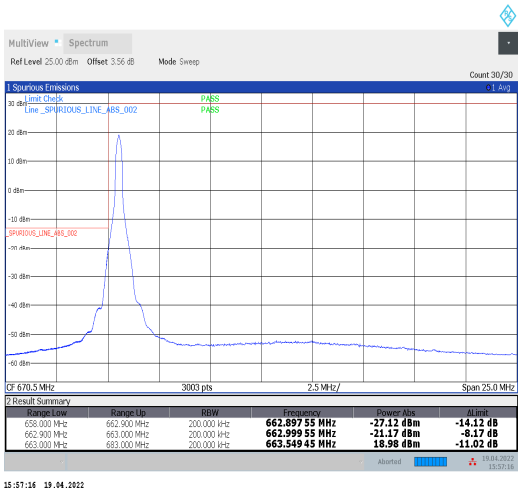

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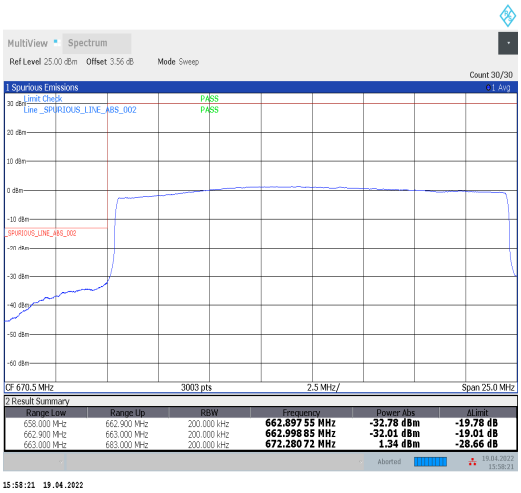

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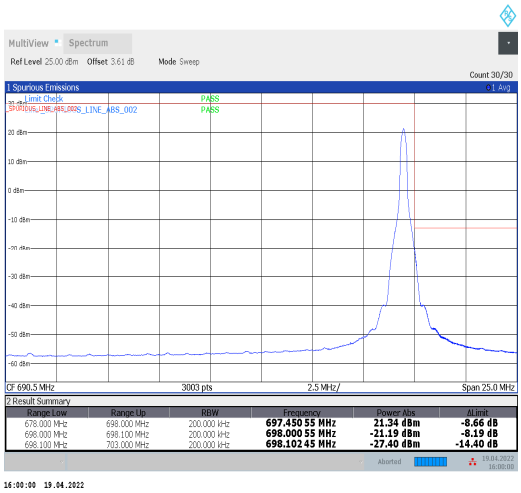

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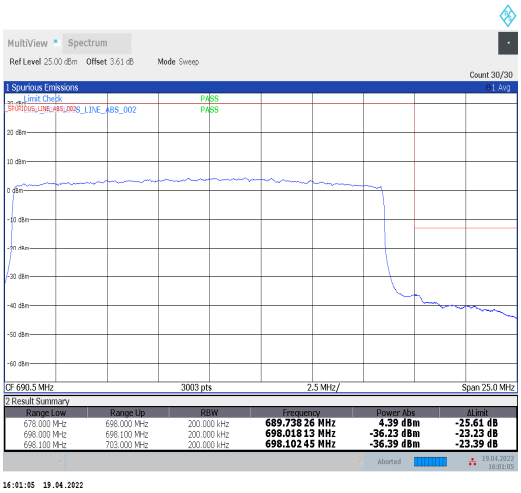

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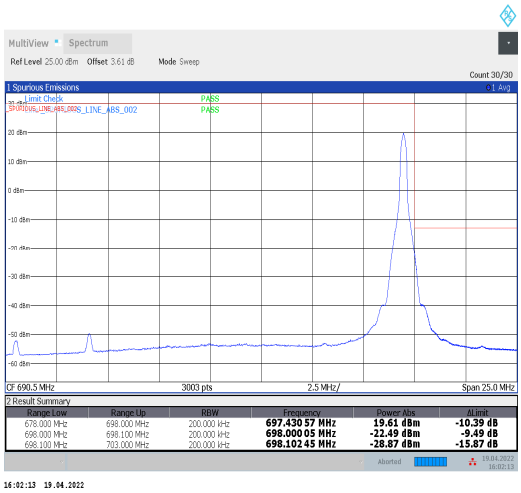

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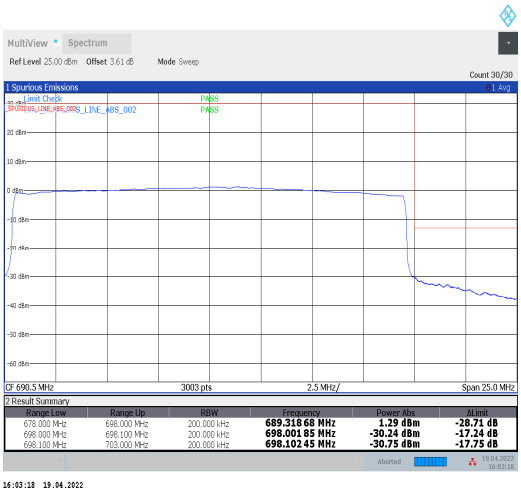

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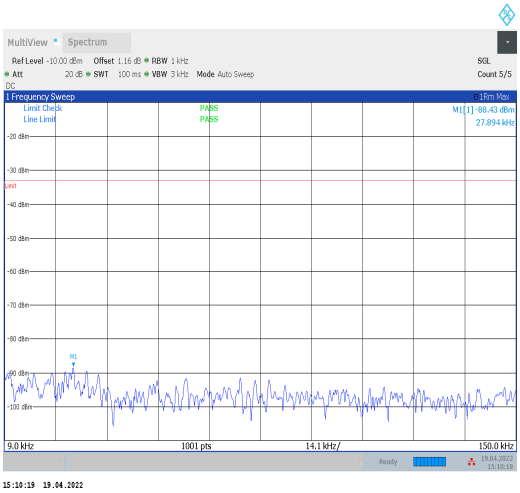
Test Graphs



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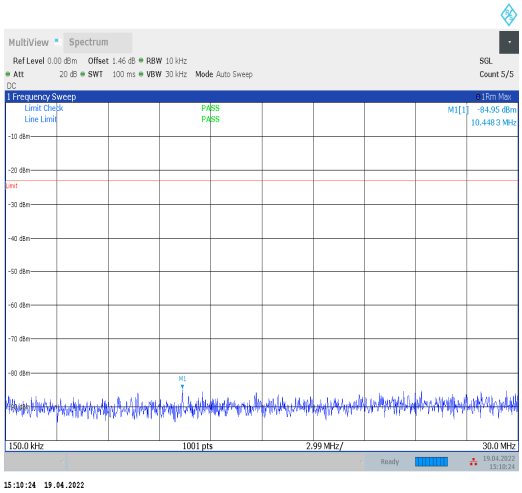

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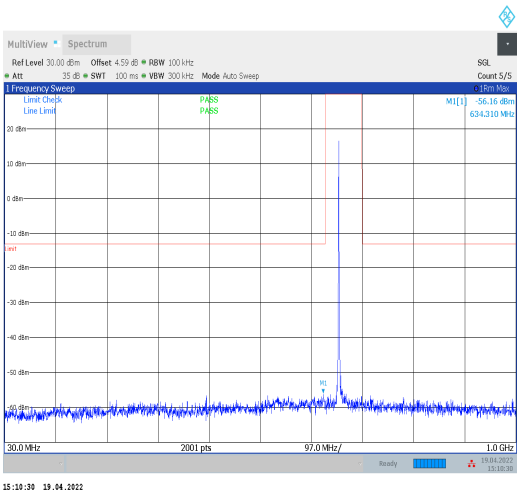

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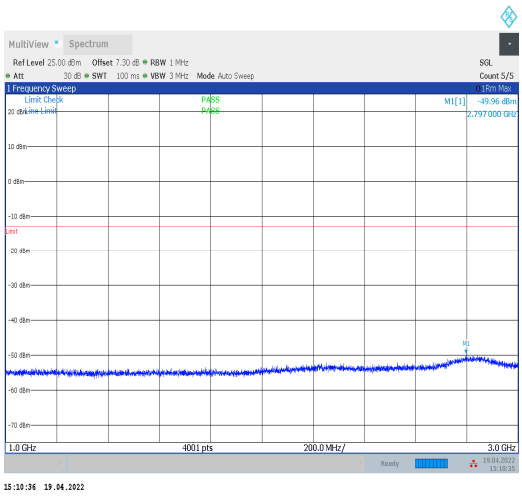

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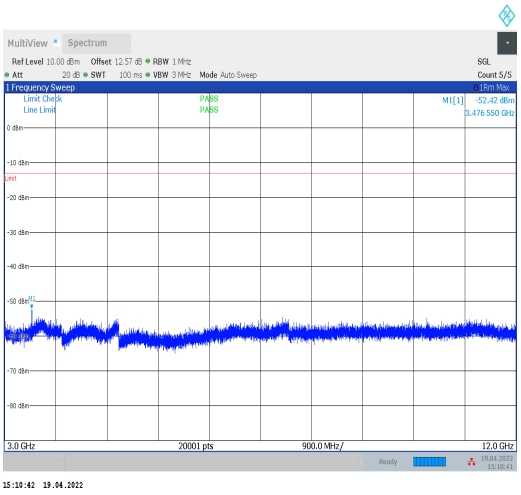

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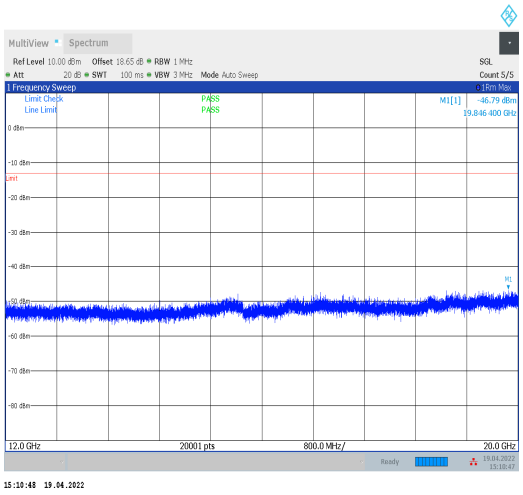

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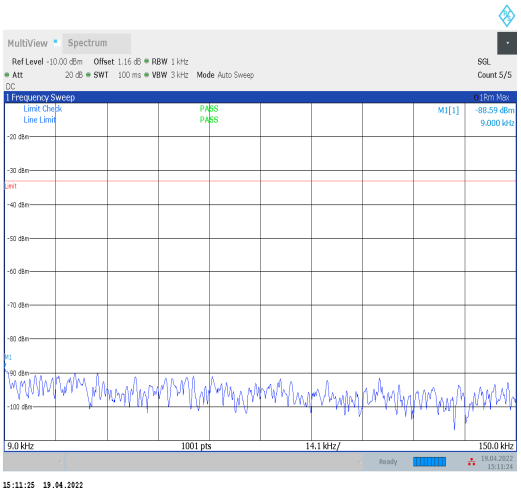

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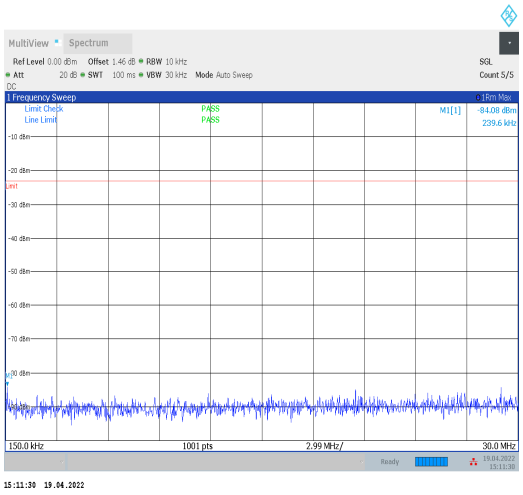

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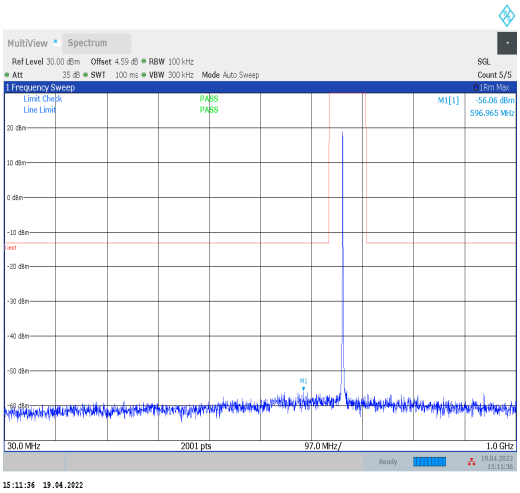

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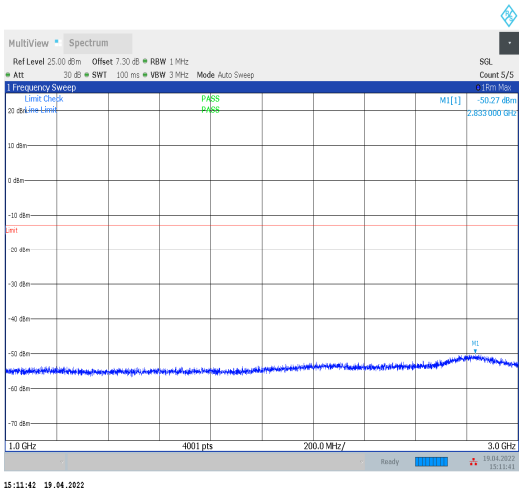

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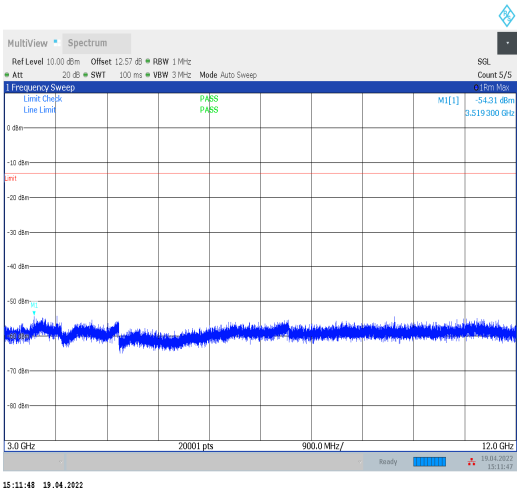

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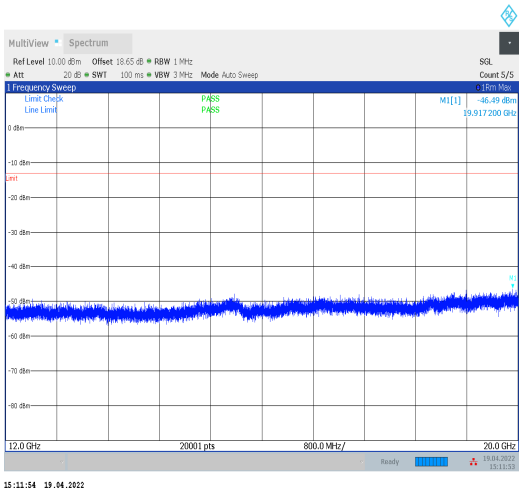

1-N71--15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-20000-Ant0--46.49--13-PASS

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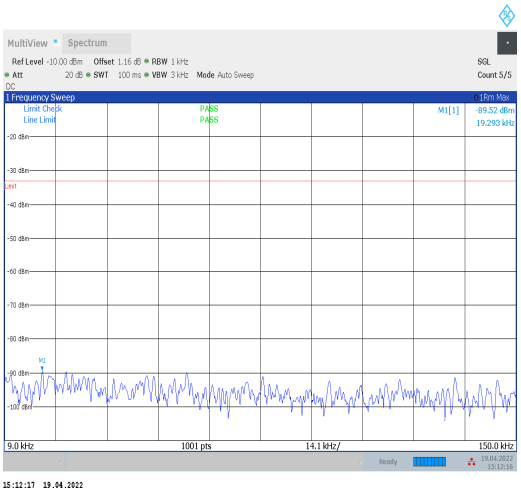

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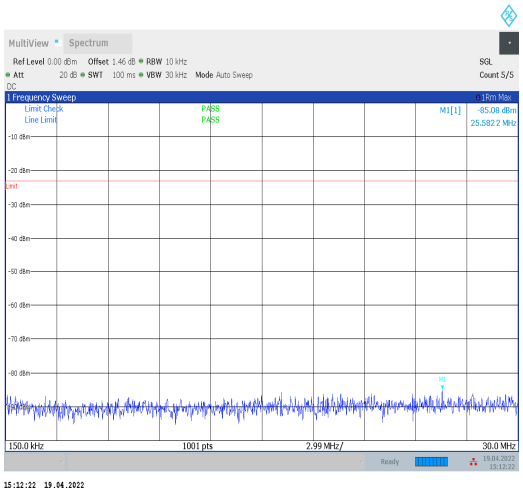

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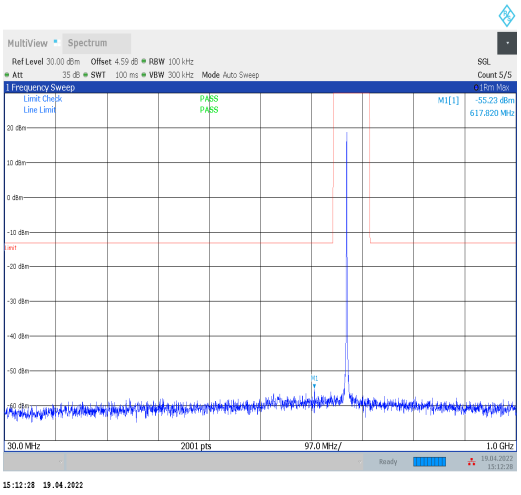

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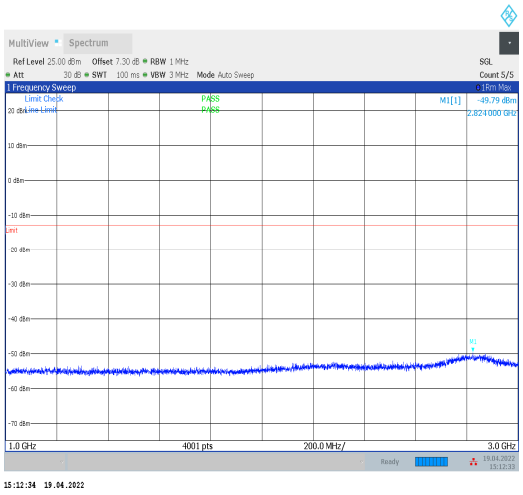

1-N71--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-1000-3000-Ant0--49.79--13-PASS

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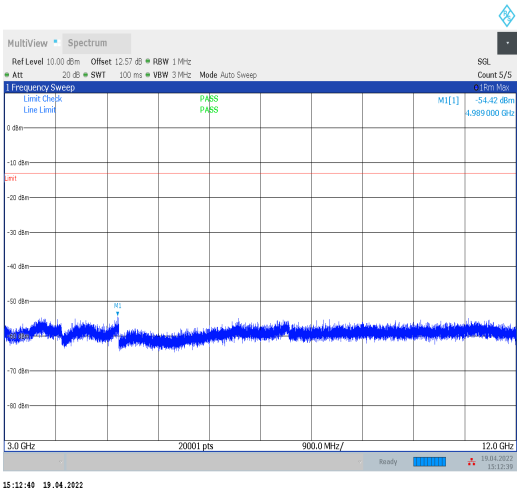	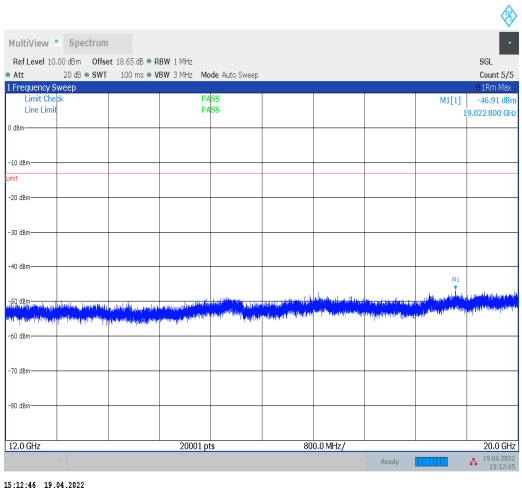
1-N71--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-3000-12000-Ant0--54.42--13-PASS	1-N71--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-12000-20000-Ant0--46.91--13-PASS

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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless Laboratory

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Member of the SGS Group (SGS SA)

Field Strength of Spurious Radiation

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

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328	57.54	-118.50	-60.96	-13.00	47.96	263	99	Horizontal
2	1990	65.58	-116.51	-50.93	-13.00	37.93	241	280	Horizontal
3	2656.36	55.04	-113.96	-58.92	-13.00	45.92	175	0	Horizontal
4	3320.45	51.25	-111.94	-60.69	-13.00	47.69	263	1	Horizontal
5	3984.54	49.59	-110.20	-60.61	-13.00	47.61	241	272	Horizontal
6	4648.63	49.98	-108.09	-58.11	-13.00	45.11	155	29	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	53.22	-118.51	-65.29	-13.00	52.29	263	277	Vertical
2	1992.27	53.45	-116.48	-63.03	-13.00	50.03	251	208	Vertical
3	2656.36	52.11	-113.96	-61.85	-13.00	48.85	144	57	Vertical
4	3320.45	50.72	-111.94	-61.22	-13.00	48.22	265	358	Vertical
5	3984.54	50.28	-110.20	-59.92	-13.00	46.92	241	192	Vertical
6	4648.63	50.48	-108.09	-57.61	-13.00	44.61	187	96	Vertical

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

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1342	68.89	-118.52	-49.63	-13.00	36.63	163	231	Horizontal
2	2012	84.25	-116.39	-32.14	-13.00	19.14	284	310	Horizontal
3	2686.36	54.28	-113.80	-59.52	-13.00	46.52	176	19	Horizontal
4	3357.95	52.17	-112.01	-59.84	-13.00	46.84	254	89	Horizontal
5	4029.54	49.87	-110.09	-60.22	-13.00	47.22	142	0	Horizontal
6	4701.13	49.94	-107.93	-57.99	-13.00	44.99	263	280	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	53.65	-118.52	-64.87	-13.00	51.87	142	4	Vertical
2	2014.77	53.05	-116.38	-63.33	-13.00	50.33	263	353	Vertical
3	2686.36	51.72	-113.80	-62.08	-13.00	49.08	254	138	Vertical
4	3357.95	51.15	-112.01	-60.86	-13.00	47.86	144	28	Vertical
5	4029.54	49.42	-110.09	-60.67	-13.00	47.67	162	222	Vertical
6	4701.13	50.24	-107.93	-57.69	-13.00	44.69	241	222	Vertical

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

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1356	66.12	-118.54	-52.42	-13.00	39.42	263	247	Horizontal
2	2036	89.71	-116.30	-26.59	-13.00	13.59	254	357	Horizontal
3	2716.36	55.58	-113.61	-58.03	-13.00	45.03	175	0	Horizontal
4	3395.45	51.02	-112.09	-61.07	-13.00	48.07	286	343	Horizontal
5	4074.54	50.87	-109.97	-59.10	-13.00	46.10	254	343	Horizontal
6	4753.63	50.85	-107.83	-56.98	-13.00	43.98	144	271	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	53.31	-118.54	-65.23	-13.00	52.23	214	347	Vertical
2	2037.27	52.50	-116.29	-63.79	-13.00	50.79	263	326	Vertical
3	2716.36	53.30	-113.61	-60.31	-13.00	47.31	254	80	Vertical
4	3395.45	51.38	-112.09	-60.71	-13.00	47.71	175	239	Vertical
5	4074.54	49.57	-109.97	-60.40	-13.00	47.40	264	317	Vertical
6	4753.63	50.84	-107.83	-56.99	-13.00	43.99	118	153	Vertical

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Test Band = NR UL CA n41A-n71A_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	40.44	-95.91	-55.47	-25.00	30.47	163	89	Horizontal
2	1992.27	40.52	-93.45	-52.93	-25.00	27.93	251	360	Horizontal
3	2656.36	41.06	-90.77	-49.71	-25.00	24.71	174	80	Horizontal
4	5002.2	51.45	-107.58	-56.13	-25.00	31.13	162	220	Horizontal
5	7491.4286	57.33	-100.40	-43.07	-25.00	18.07	241	211	Horizontal
6	10004.4	45.21	-93.89	-48.68	-25.00	23.68	188	97	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	40.54	-95.91	-55.37	-25.00	30.37	142	357	Vertical
2	1992.27	40.22	-93.45	-53.23	-25.00	28.23	263	359	Vertical
3	2656.36	40.14	-90.77	-50.63	-25.00	25.63	254	65	Vertical
4	5002.2	51.75	-107.58	-55.83	-25.00	30.83	175	305	Vertical
5	7491.4286	52.10	-100.40	-48.30	-25.00	23.30	263	219	Vertical
6	10004.4	45.29	-93.89	-48.60	-25.00	23.60	241	0	Vertical

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Test Band = NR UL CA n41A-n71A_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1348.18	41.05	-95.84	-54.79	-25.00	29.79	142	294	Horizontal
2	2022.27	40.83	-93.32	-52.49	-25.00	27.49	251	317	Horizontal
3	2696.36	40.63	-90.55	-49.92	-25.00	24.92	143	189	Horizontal
4	5096.16	50.33	-106.96	-56.63	-25.00	31.63	263	218	Horizontal
5	7644.24	48.54	-99.76	-51.22	-25.00	26.22	251	63	Horizontal
6	10192.32	44.14	-93.11	-48.97	-25.00	23.97	144	21	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1348.18	41.36	-95.84	-54.48	-25.00	29.48	142	72	Vertical
2	2022.27	40.59	-93.32	-52.73	-25.00	27.73	263	97	Vertical
3	2696.36	40.66	-90.55	-49.89	-25.00	24.89	251	65	Vertical
4	5096.16	49.88	-106.96	-57.08	-25.00	32.08	142	227	Vertical
5	7644.24	49.30	-99.76	-50.46	-25.00	25.46	263	122	Vertical
6	10192.32	44.46	-93.11	-48.65	-25.00	23.65	241	166	Vertical

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Test Band = NR UL CA n41A-n71A_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	40.79	-95.81	-55.02	-25.00	30.02	163	360	Horizontal
2	2037.27	41.00	-93.27	-52.27	-25.00	27.27	251	289	Horizontal
3	2716.36	41.91	-90.45	-48.54	-25.00	23.54	142	105	Horizontal
4	5190.18	50.21	-106.82	-56.61	-25.00	31.61	251	139	Horizontal
5	7785.27	49.73	-98.90	-49.17	-25.00	24.17	163	296	Horizontal
6	10380.36	43.07	-92.87	-49.80	-25.00	24.80	221	209	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	40.58	-95.81	-55.23	-25.00	30.23	263	104	Vertical
2	2037.27	40.18	-93.27	-53.09	-25.00	28.09	251	325	Vertical
3	2716.36	40.14	-90.45	-50.31	-25.00	25.31	142	353	Vertical
4	5190.18	50.55	-106.82	-56.27	-25.00	31.27	263	132	Vertical
5	7785.27	48.68	-98.90	-50.22	-25.00	25.22	241	357	Vertical
6	10380.36	42.47	-92.87	-50.40	-25.00	25.40	123	121	Vertical

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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-5.200000	-0.007641	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.700000	-0.006907	PASS
N71	15	20	DFT-PI2BPSK	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

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-1.400000	-0.002057	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-3.300000	-0.004849	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	0.500000	0.000735	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-0.600000	-0.000882	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-5.100000	-0.007494	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-3.700000	-0.005437	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-2.200000	-0.003233	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-1.800000	-0.002645	PASS
N71	15	20	DFT-PI2BPSK	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

---End of Attachment---

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