Appendix B.27

NR Band n71

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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit	Verdict
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.1	23.05	34.77	PASS
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.87	22.82	34.77	PASS
N71	15	5	DFT-PI2BPSK	L	Outer_Full	23.46	22.41	34.77	PASS
N71	15	5	DFT-QPSK	L	Inner_1RB_Left	23.88	22.83	34.77	PASS
N71	15	5	DFT-QPSK	L	Inner_1RB_Right	23.8	22.75	34.77	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	22.99	21.94	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Left	23	21.95	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Right	22.82	21.77	34.77	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	22	20.95	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Left	21.74	20.69	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Right	21.64	20.59	34.77	PASS
N71	15	5	DFT-64QAM	L	Outer_Full	21.43	20.38	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Left	18.99	17.94	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Right	18.74	17.69	34.77	PASS
N71	15	5	DFT-256QAM	L	Outer_Full	19.39	18.34	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.69	22.64	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.64	22.59	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	23.33	22.28	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Left	23.61	22.56	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Right	23.52	22.47	34.77	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	22.77	21.72	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Left	22.68	21.63	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Right	22.66	21.61	34.77	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	21.68	20.63	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Left	21.43	20.38	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Right	21.39	20.34	34.77	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	21.17	20.12	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Left	18.67	17.62	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Right	18.65	17.6	34.77	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	19.06	18.01	34.77	PASS
N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.68	22.63	34.77	PASS

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N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.73	22.68	34.77	PASS
N71	15	5	DFT-PI2BPSK	H	Outer_Full	23.23	22.18	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Left	23.59	22.54	34.77	PASS
N71	15	5	DFT-QPSK	H	Inner_1RB_Right	23.67	22.62	34.77	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	22.72	21.67	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Left	22.73	21.68	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Right	22.79	21.74	34.77	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	21.81	20.76	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Left	21.48	20.43	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Right	21.45	20.4	34.77	PASS
N71	15	5	DFT-64QAM	H	Outer_Full	21.25	20.2	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Left	18.7	17.65	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Right	18.68	17.63	34.77	PASS
N71	15	5	DFT-256QAM	H	Outer_Full	19.13	18.08	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.98	22.93	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.72	22.67	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Outer_Full	23.36	22.31	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Left	23.92	22.87	34.77	PASS
N71	15	10	DFT-QPSK	L	Inner_1RB_Right	23.64	22.59	34.77	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	22.88	21.83	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Left	22.97	21.92	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Right	22.65	21.6	34.77	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	21.89	20.84	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Left	21.71	20.66	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Right	21.42	20.37	34.77	PASS
N71	15	10	DFT-64QAM	L	Outer_Full	21.43	20.38	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Left	18.98	17.93	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Right	18.62	17.57	34.77	PASS
N71	15	10	DFT-256QAM	L	Outer_Full	19.31	18.26	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.78	22.73	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.76	22.71	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	23.27	22.22	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Left	23.65	22.6	34.77	PASS
N71	15	10	DFT-QPSK	M	Inner_1RB_Right	23.65	22.6	34.77	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	22.76	21.71	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Left	22.78	21.73	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Right	22.7	21.65	34.77	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	21.73	20.68	34.77	PASS

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

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N71	15	10	DFT-64QAM	M	Inner_1RB_Left	21.53	20.48	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Right	21.47	20.42	34.77	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	21.35	20.3	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Left	18.66	17.61	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Right	18.56	17.51	34.77	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	19.1	18.05	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.72	22.67	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.83	22.78	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Outer_Full	23.26	22.21	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Left	23.6	22.55	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Right	23.68	22.63	34.77	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	22.7	21.65	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Left	22.6	21.55	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Right	22.82	21.77	34.77	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	21.7	20.65	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Left	21.33	20.28	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Right	21.53	20.48	34.77	PASS
N71	15	10	DFT-64QAM	H	Outer_Full	21.23	20.18	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Left	18.56	17.51	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Right	18.72	17.67	34.77	PASS
N71	15	10	DFT-256QAM	H	Outer_Full	19.13	18.08	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.09	23.04	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.9	22.85	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Outer_Full	23.44	22.39	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Left	23.88	22.83	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Right	23.79	22.74	34.77	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	22.94	21.89	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Left	22.95	21.9	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Right	22.81	21.76	34.77	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	21.86	20.81	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Left	21.59	20.54	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Right	21.44	20.39	34.77	PASS
N71	15	15	DFT-64QAM	L	Outer_Full	21.39	20.34	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Left	19.53	18.48	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Right	19.58	18.53	34.77	PASS
N71	15	15	DFT-256QAM	L	Outer_Full	19.4	18.35	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.88	22.83	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.73	22.68	34.77	PASS

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N71	15	15	DFT-PI2BPSK	M	Outer_Full	23.38	22.33	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Left	23.73	22.68	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Right	23.62	22.57	34.77	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	22.9	21.85	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Left	22.93	21.88	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Right	22.69	21.64	34.77	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	21.85	20.8	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Left	21.33	20.28	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Right	21.22	20.17	34.77	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	21.42	20.37	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Left	19.34	18.29	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Right	19.21	18.16	34.77	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	19.35	18.3	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.78	22.73	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.89	22.84	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Outer_Full	23.26	22.21	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Left	23.65	22.6	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Right	23.75	22.7	34.77	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	22.79	21.74	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Left	22.83	21.78	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Right	22.88	21.83	34.77	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	21.75	20.7	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Left	21.37	20.32	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Right	21.39	20.34	34.77	PASS
N71	15	15	DFT-64QAM	H	Outer_Full	21.23	20.18	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Left	19.25	18.2	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Right	19.36	18.31	34.77	PASS
N71	15	15	DFT-256QAM	H	Outer_Full	19.2	18.15	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.01	22.96	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.9	22.85	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	23.37	22.32	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Left	23.86	22.81	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Right	23.77	22.72	34.77	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	22.93	21.88	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Left	22.97	21.92	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Right	22.76	21.71	34.77	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	21.86	20.81	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Left	21.67	20.62	34.77	PASS

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N71	15	20	DFT-64QAM	L	Inner_1RB_Right	21.44	20.39	34.77	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	21.43	20.38	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Left	18.9	17.85	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Right	18.86	17.81	34.77	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	19.34	18.29	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.9	22.85	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.75	22.7	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	23.39	22.34	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Left	23.72	22.67	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Right	23.65	22.6	34.77	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	22.86	21.81	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Left	22.85	21.8	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Right	22.74	21.69	34.77	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	21.9	20.85	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Left	21.5	20.45	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Right	21.36	20.31	34.77	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	21.46	20.41	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Left	18.77	17.72	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Right	18.77	17.72	34.77	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	19.36	18.31	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.91	22.86	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.88	22.83	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	23.32	22.27	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Left	23.77	22.72	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Right	23.83	22.78	34.77	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	22.77	21.72	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Left	23.02	21.97	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Right	22.9	21.85	34.77	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	21.81	20.76	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Left	21.6	20.55	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Right	21.52	20.47	34.77	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	21.36	20.31	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Left	18.9	17.85	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Right	18.88	17.83	34.77	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	19.3	18.25	34.77	PASS

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

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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	8.85	≤13	PASS
N71	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.61	≤13	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.88	≤13	PASS
N71	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.34	≤13	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.77	≤13	PASS
N71	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.41	≤13	PASS

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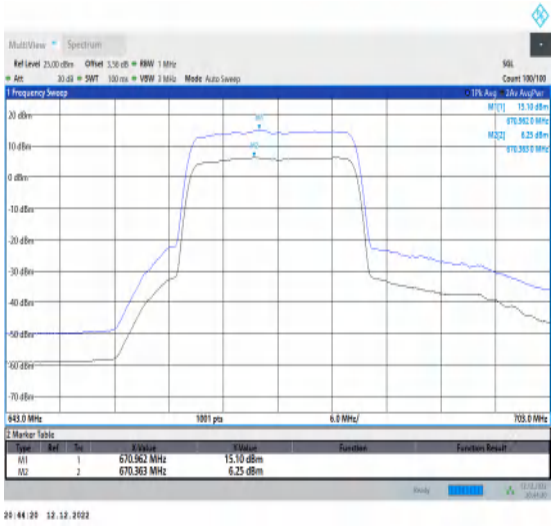
Test Graphs



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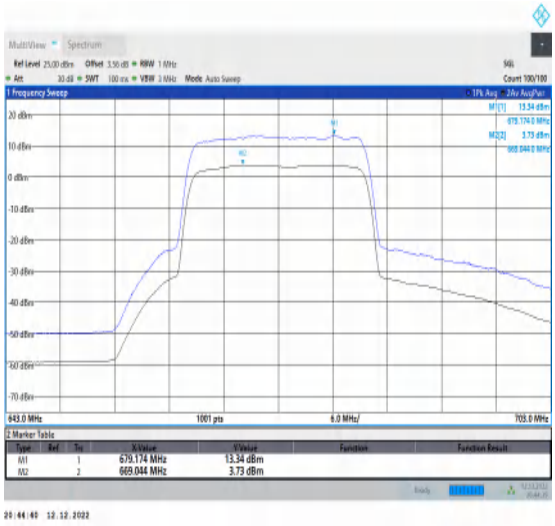

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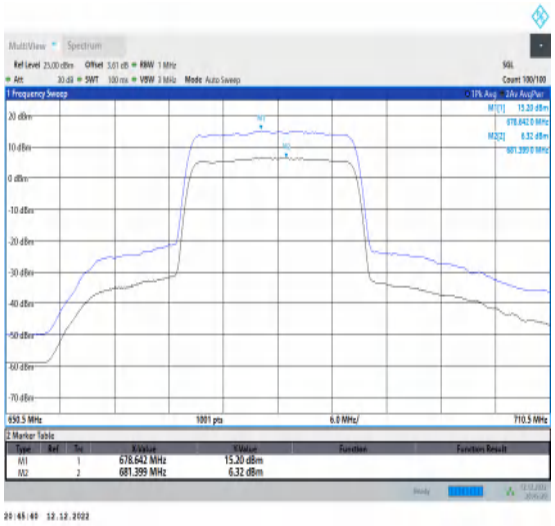

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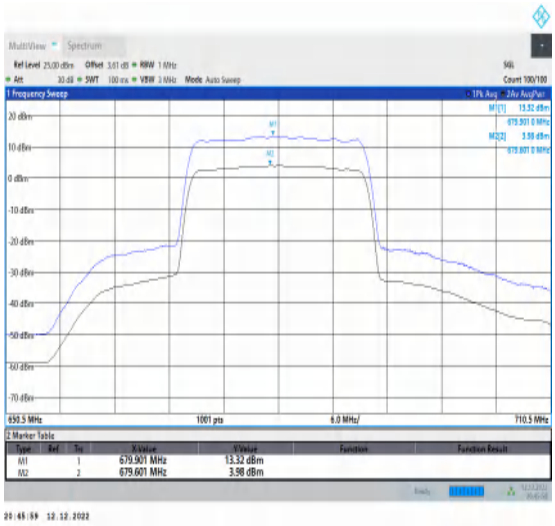

1-N71-15-20-M-2-CP-256QAM-Outer_Full-106@0-Ant1-9.34-100%-0.00-9.34-PASS-≤13

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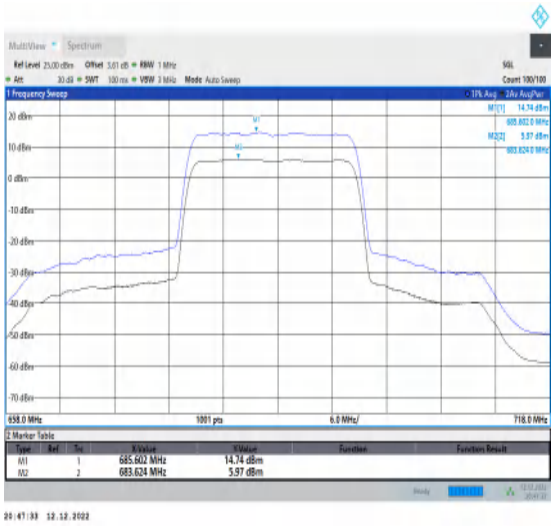	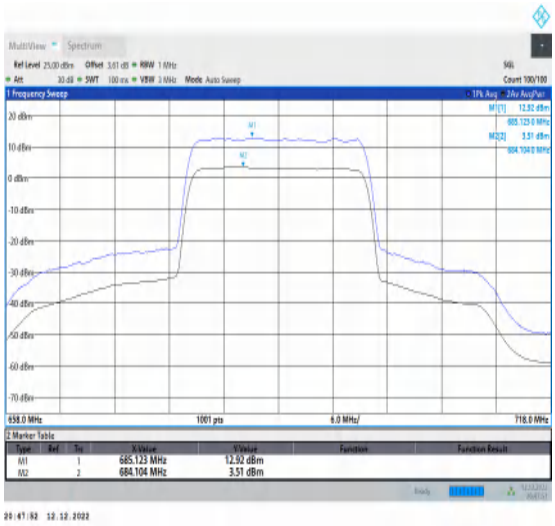
1-N71-15-20-H-1-DFT-256QAM-Outer_Full-100@0-Ant1-8.77-100%-0.00-8.77-PASS-≤13	1-N71-15-20-H-2-CP-256QAM-Outer_Full-106@0-Ant1-9.41-100%-0.00-9.41-PASS-≤13

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Modulation characteristics for SA

Test Result

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

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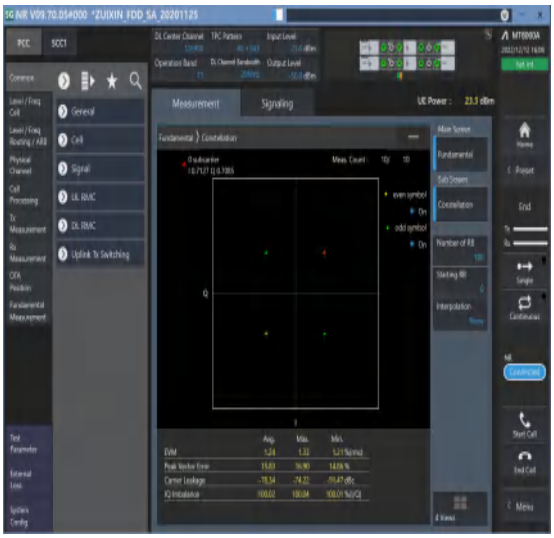
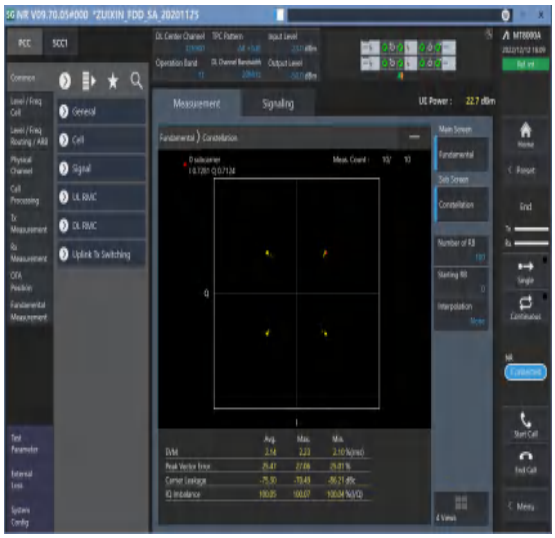
Test Graphs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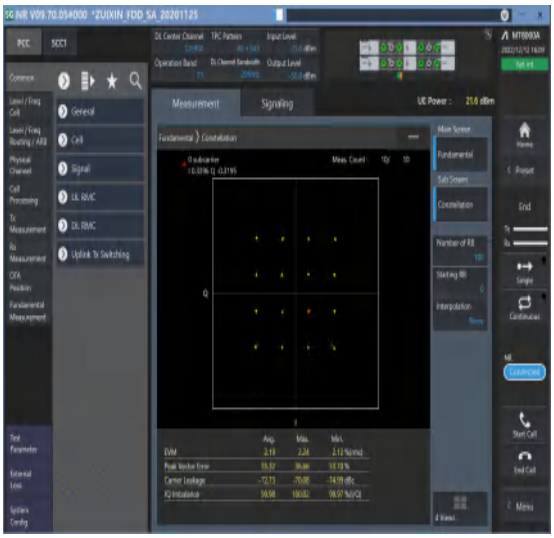	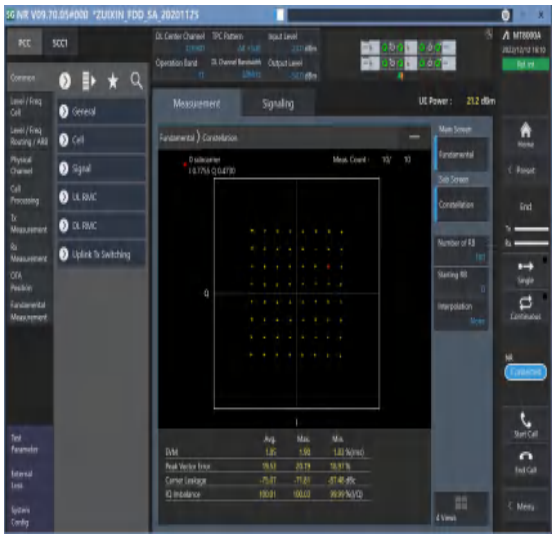
1-N71-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-see graph-PASS	1-N71-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-see graph-PASS

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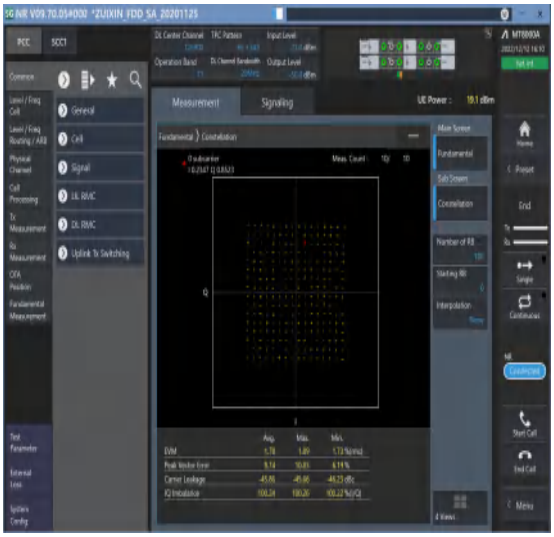
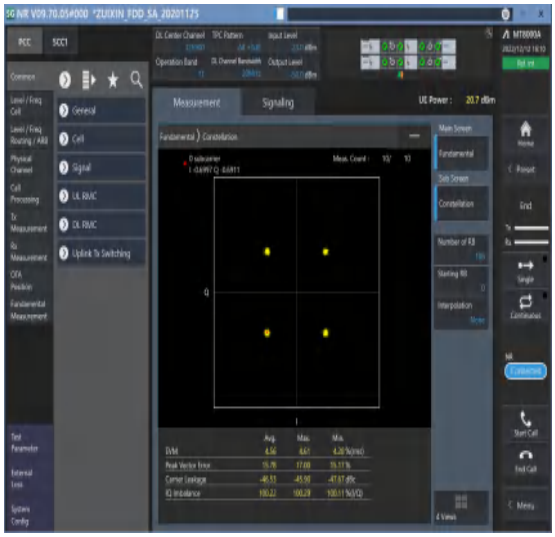
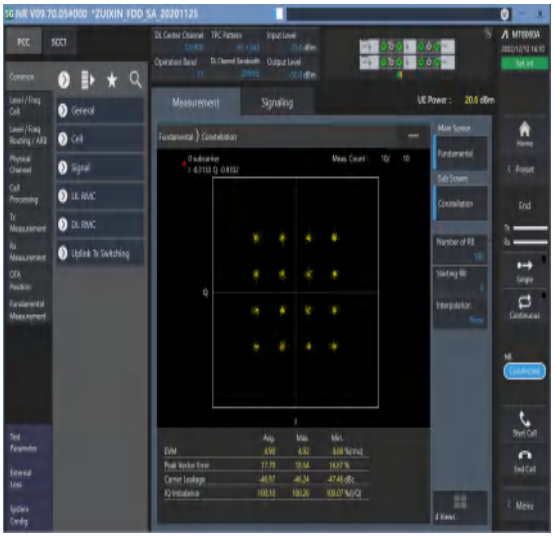
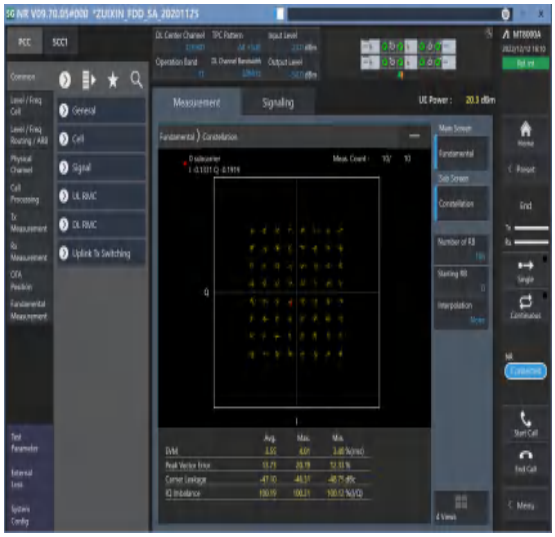
	
1-N71-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-see graph-PASS	1-N71-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-see graph-PASS
	
1-N71-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-see graph-PASS	1-N71-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-see graph-PASS

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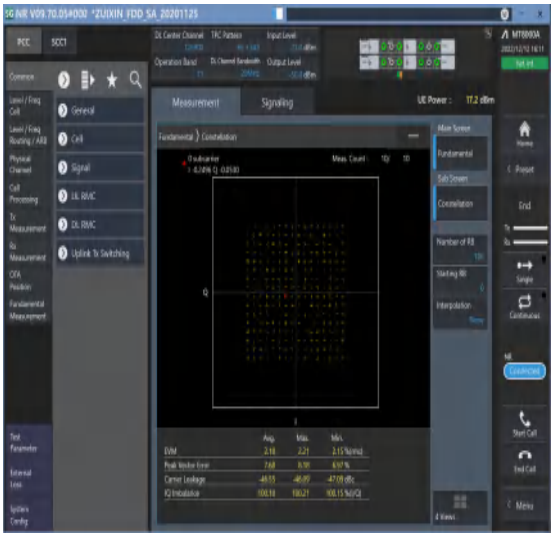	
1-N71-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant1-see graph-PASS	

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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N71	15	5	DFT-QPSK	L	Outer_Full	4.477	4.940	PASS
N71	15	5	DFT-PI2BPSK	L	Outer_Full	4.459	5.040	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	4.499	5.090	PASS
N71	15	5	DFT-64QAM	L	Outer_Full	4.48	4.980	PASS
N71	15	5	DFT-256QAM	L	Outer_Full	4.472	4.940	PASS
N71	15	5	CP-QPSK	L	Outer_Full	4.485	4.990	PASS
N71	15	5	CP-16QAM	L	Outer_Full	4.486	5.050	PASS
N71	15	5	CP-64QAM	L	Outer_Full	4.483	5.090	PASS
N71	15	5	CP-256QAM	L	Outer_Full	4.488	5.170	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	4.477	5.010	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	4.472	5.010	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	4.478	5.020	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	4.472	4.950	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	4.48	5.050	PASS
N71	15	5	CP-QPSK	M	Outer_Full	4.463	5.190	PASS
N71	15	5	CP-16QAM	M	Outer_Full	4.494	5.120	PASS
N71	15	5	CP-64QAM	M	Outer_Full	4.467	5.030	PASS
N71	15	5	CP-256QAM	M	Outer_Full	4.471	5.040	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	4.467	4.900	PASS
N71	15	5	DFT-PI2BPSK	H	Outer_Full	4.456	4.980	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	4.475	4.960	PASS
N71	15	5	DFT-64QAM	H	Outer_Full	4.468	5.010	PASS
N71	15	5	DFT-256QAM	H	Outer_Full	4.482	5.070	PASS
N71	15	5	CP-QPSK	H	Outer_Full	4.479	5.130	PASS
N71	15	5	CP-16QAM	H	Outer_Full	4.489	5.030	PASS
N71	15	5	CP-64QAM	H	Outer_Full	4.472	5.050	PASS
N71	15	5	CP-256QAM	H	Outer_Full	4.477	5.080	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	8.904	9.560	PASS
N71	15	10	DFT-PI2BPSK	L	Outer_Full	8.909	9.520	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	8.916	9.480	PASS
N71	15	10	DFT-64QAM	L	Outer_Full	8.924	9.540	PASS
N71	15	10	DFT-256QAM	L	Outer_Full	8.908	9.660	PASS

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N71	15	10	CP-QPSK	L	Outer_Full	9.283	10.200	PASS
N71	15	10	CP-16QAM	L	Outer_Full	9.274	10.000	PASS
N71	15	10	CP-64QAM	L	Outer_Full	9.28	9.820	PASS
N71	15	10	CP-256QAM	L	Outer_Full	9.286	9.960	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	8.929	9.680	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	8.887	9.540	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	8.939	9.640	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	8.934	9.480	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	8.923	9.640	PASS
N71	15	10	CP-QPSK	M	Outer_Full	9.28	10.120	PASS
N71	15	10	CP-16QAM	M	Outer_Full	9.26	10.100	PASS
N71	15	10	CP-64QAM	M	Outer_Full	9.262	9.940	PASS
N71	15	10	CP-256QAM	M	Outer_Full	9.286	9.960	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	8.926	9.620	PASS
N71	15	10	DFT-PI2BPSK	H	Outer_Full	8.899	9.540	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	8.922	9.660	PASS
N71	15	10	DFT-64QAM	H	Outer_Full	8.926	9.620	PASS
N71	15	10	DFT-256QAM	H	Outer_Full	8.927	9.540	PASS
N71	15	10	CP-QPSK	H	Outer_Full	9.252	10.000	PASS
N71	15	10	CP-16QAM	H	Outer_Full	9.269	10.040	PASS
N71	15	10	CP-64QAM	H	Outer_Full	9.247	9.860	PASS
N71	15	10	CP-256QAM	H	Outer_Full	9.27	10.040	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	13.429	14.460	PASS
N71	15	15	DFT-PI2BPSK	L	Outer_Full	13.42	14.400	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	13.442	14.520	PASS
N71	15	15	DFT-64QAM	L	Outer_Full	13.424	14.370	PASS
N71	15	15	DFT-256QAM	L	Outer_Full	13.427	14.400	PASS
N71	15	15	CP-QPSK	L	Outer_Full	14.098	15.030	PASS
N71	15	15	CP-16QAM	L	Outer_Full	14.109	14.970	PASS
N71	15	15	CP-64QAM	L	Outer_Full	14.104	14.970	PASS
N71	15	15	CP-256QAM	L	Outer_Full	14.13	14.910	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	13.415	14.370	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	13.397	14.280	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	13.444	14.220	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	13.402	14.250	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	13.43	14.460	PASS
N71	15	15	CP-QPSK	M	Outer_Full	14.068	14.940	PASS
N71	15	15	CP-16QAM	M	Outer_Full	14.122	15.000	PASS

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N71	15	15	CP-64QAM	M	Outer_Full	14.11	15.150	PASS
N71	15	15	CP-256QAM	M	Outer_Full	14.101	15.090	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	13.448	14.250	PASS
N71	15	15	DFT-PI2BPSK	H	Outer_Full	13.435	14.490	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	13.444	14.370	PASS
N71	15	15	DFT-64QAM	H	Outer_Full	13.431	14.340	PASS
N71	15	15	DFT-256QAM	H	Outer_Full	13.443	14.340	PASS
N71	15	15	CP-QPSK	H	Outer_Full	14.102	15.060	PASS
N71	15	15	CP-16QAM	H	Outer_Full	14.117	15.000	PASS
N71	15	15	CP-64QAM	H	Outer_Full	14.148	15.000	PASS
N71	15	15	CP-256QAM	H	Outer_Full	14.103	15.240	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	17.87	18.680	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	17.813	18.760	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	17.856	18.720	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	17.864	18.760	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	17.856	18.800	PASS
N71	15	20	CP-QPSK	L	Outer_Full	18.887	19.960	PASS
N71	15	20	CP-16QAM	L	Outer_Full	18.866	20.000	PASS
N71	15	20	CP-64QAM	L	Outer_Full	18.875	19.760	PASS
N71	15	20	CP-256QAM	L	Outer_Full	18.929	19.840	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	17.867	18.720	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	17.834	18.680	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	17.88	18.720	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	17.886	19.000	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	17.867	18.680	PASS
N71	15	20	CP-QPSK	M	Outer_Full	18.906	19.880	PASS
N71	15	20	CP-16QAM	M	Outer_Full	18.928	19.880	PASS
N71	15	20	CP-64QAM	M	Outer_Full	18.904	19.720	PASS
N71	15	20	CP-256QAM	M	Outer_Full	18.958	19.840	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	17.881	18.800	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	17.874	18.680	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	17.876	18.960	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	17.827	18.760	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	17.872	18.640	PASS
N71	15	20	CP-QPSK	H	Outer_Full	18.864	20.040	PASS
N71	15	20	CP-16QAM	H	Outer_Full	18.92	19.960	PASS
N71	15	20	CP-64QAM	H	Outer_Full	18.872	19.760	PASS
N71	15	20	CP-256QAM	H	Outer_Full	18.881	20.000	PASS

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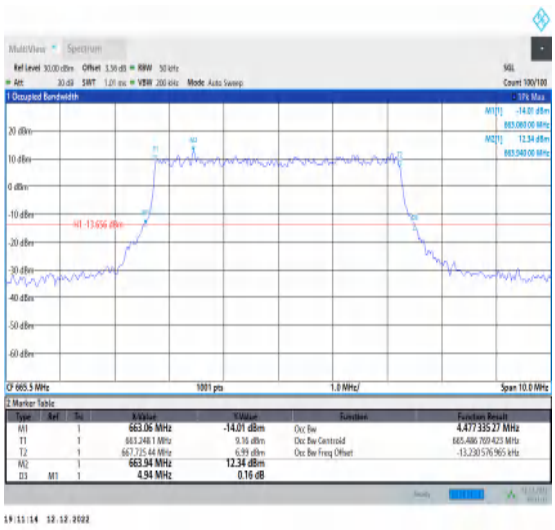
Test Graphs



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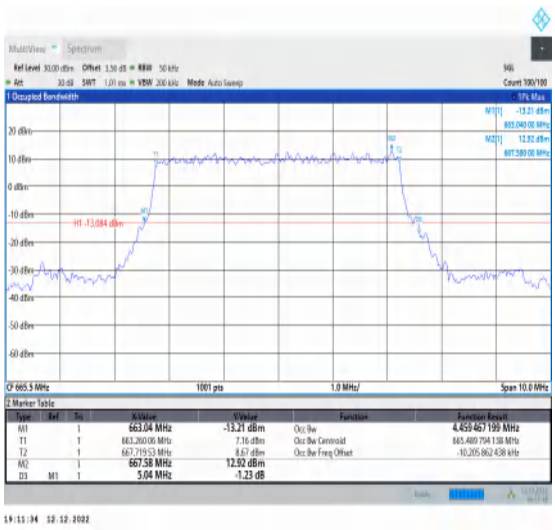

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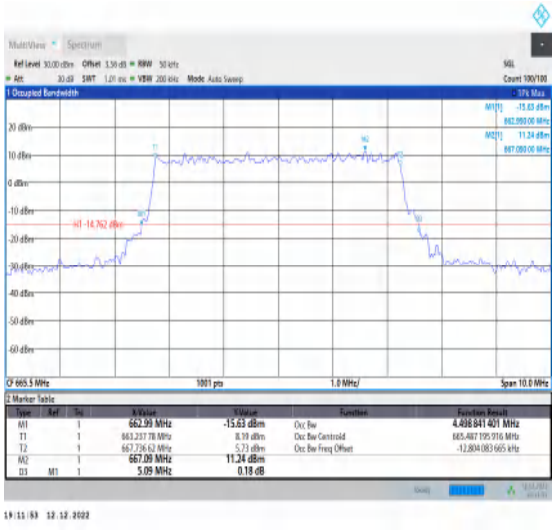

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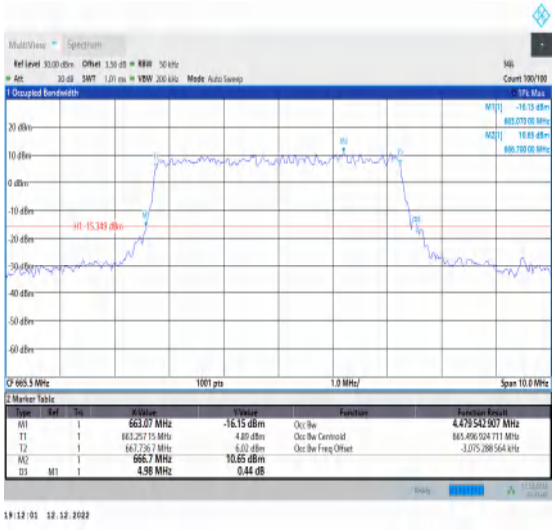

1-N71-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.48-4.980-≤5-PASS

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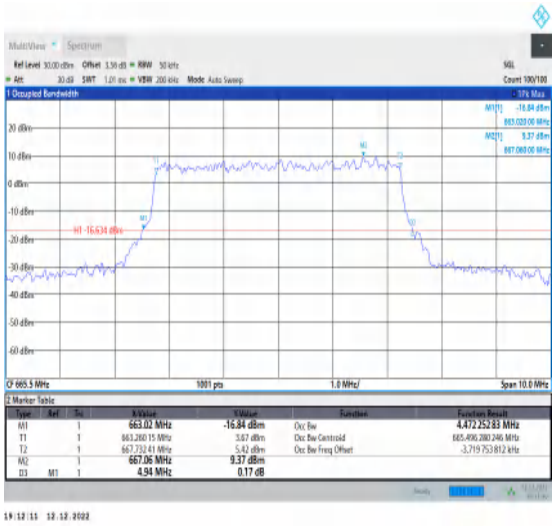
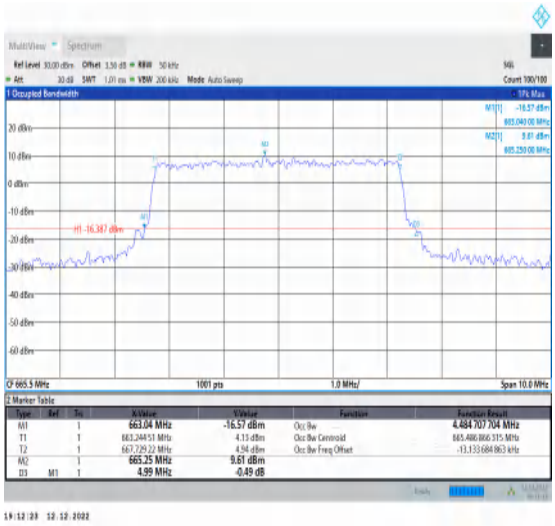
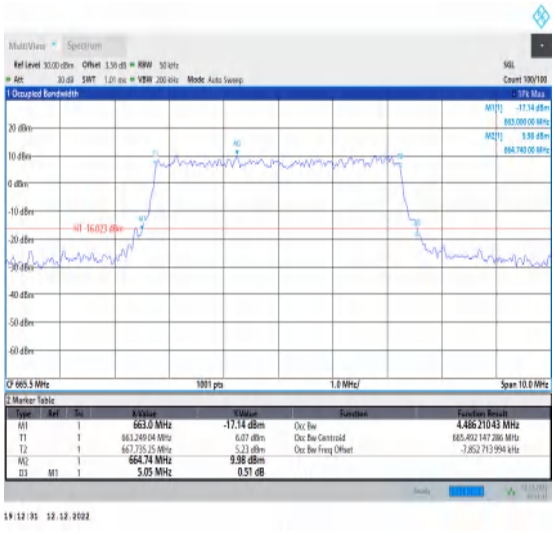


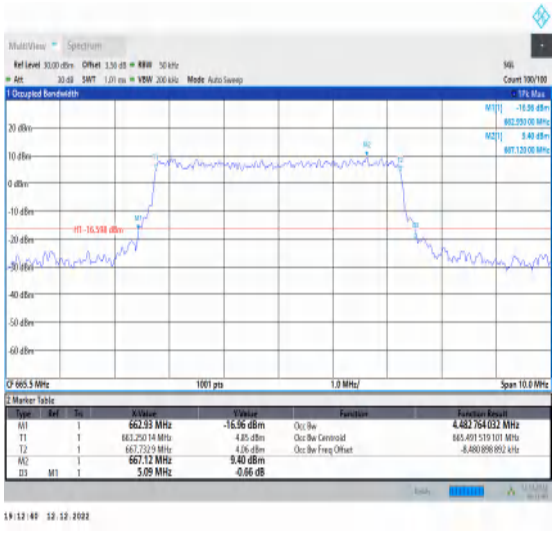
1-N71-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.472-4.940-≤5-PASS



1-N71-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.485-4.990-≤5-PASS



1-N71-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.486-5.050-≤5-PASS



1-N71-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.483-5.090-≤5-PASS

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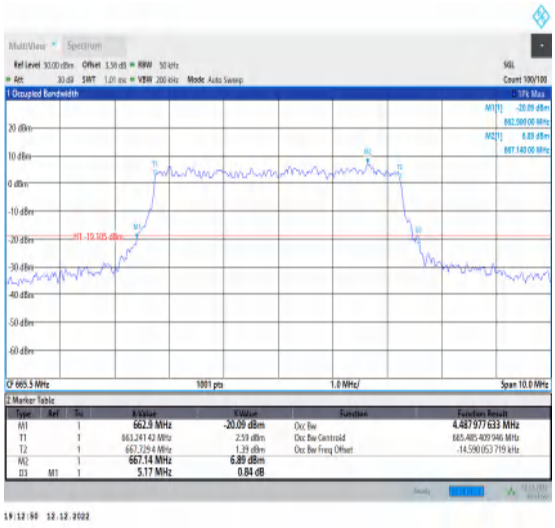
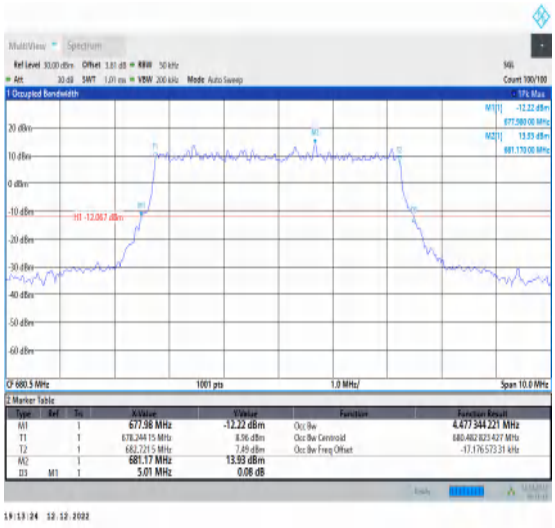


1-N71-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.488-5.170-≤5-PASS



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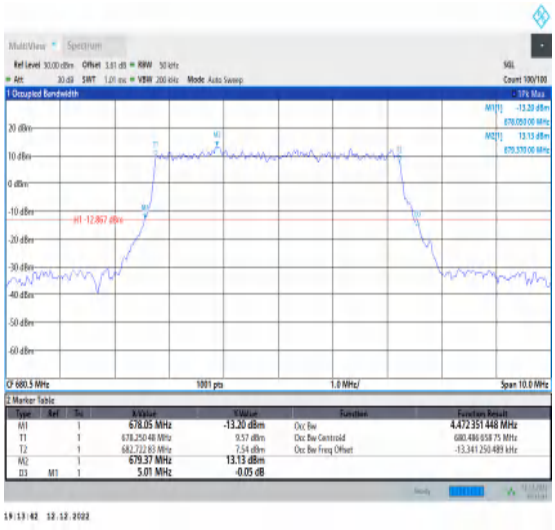

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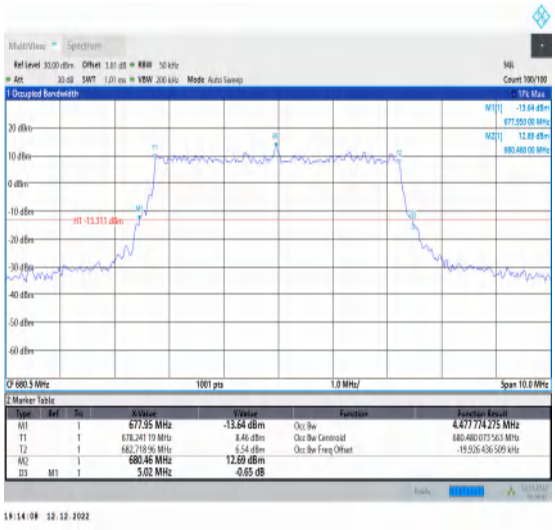

1-N71-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.478-5.020-≤5-PASS

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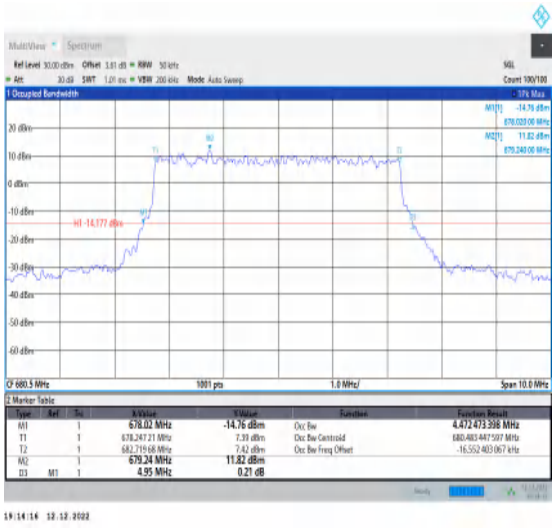

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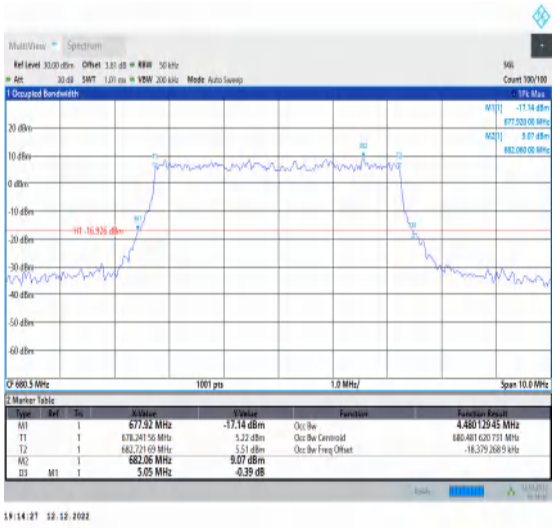

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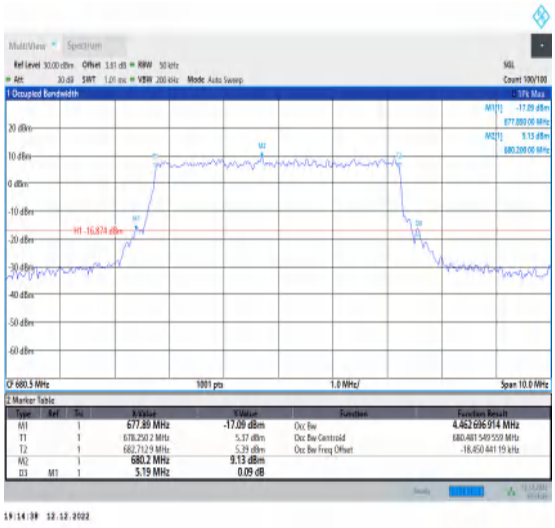

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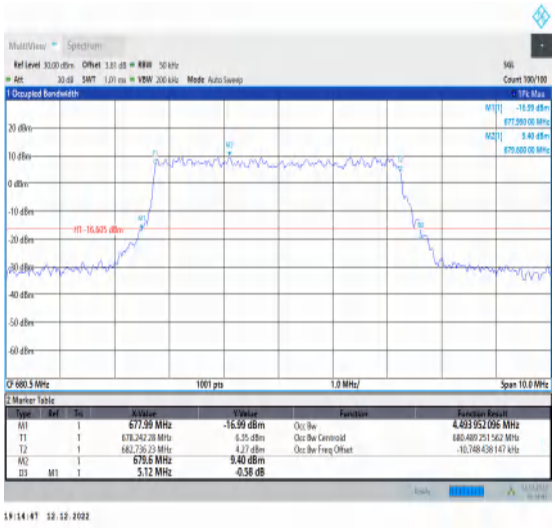

1-N71-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.494-5.120-≤5-PASS

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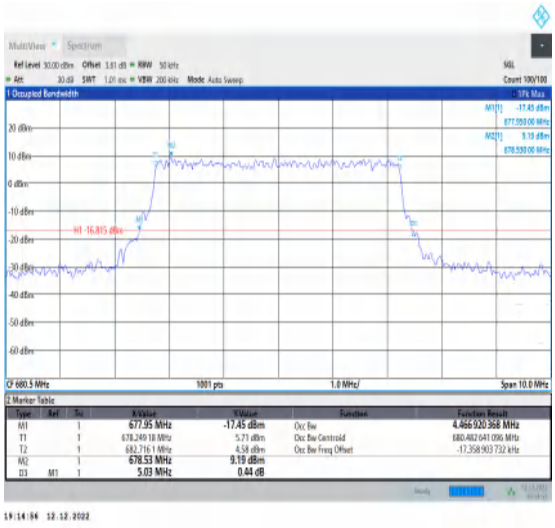

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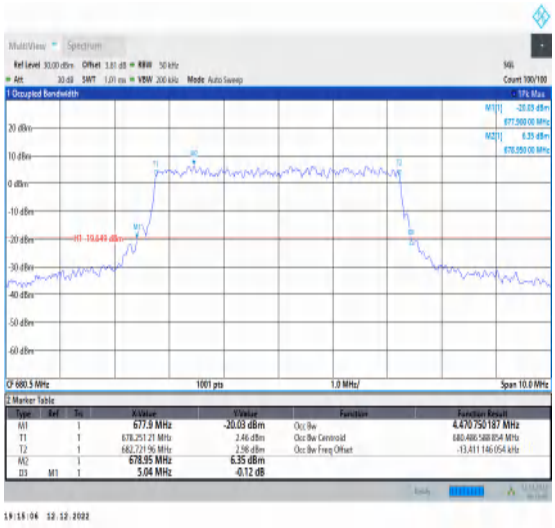

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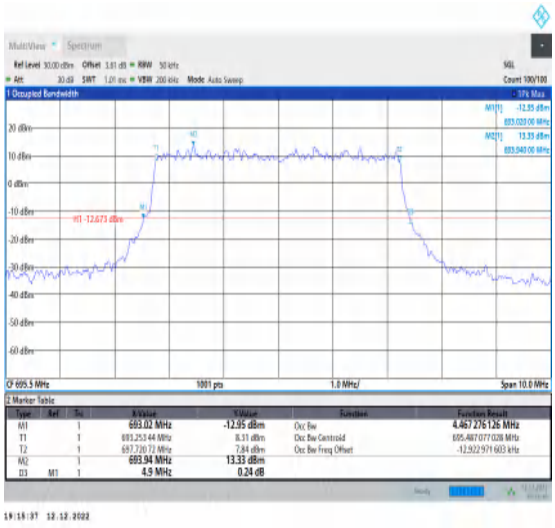

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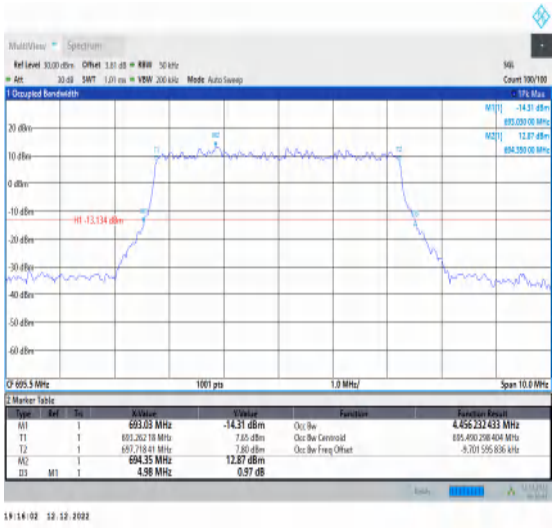

1-N71-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.456-4.980-≤5-PASS

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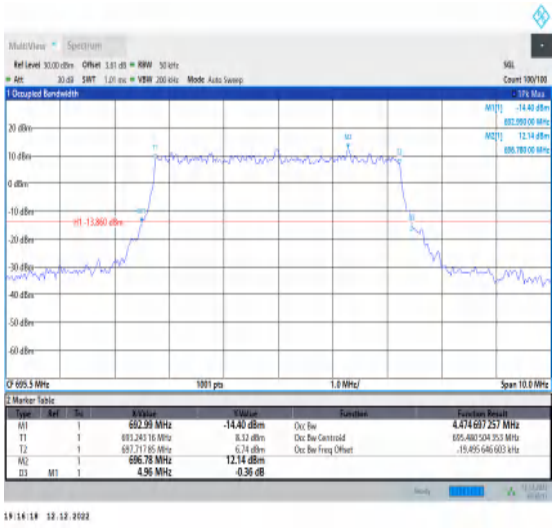

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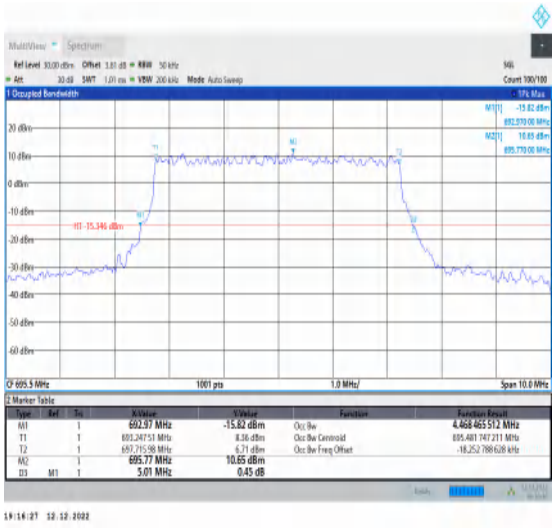

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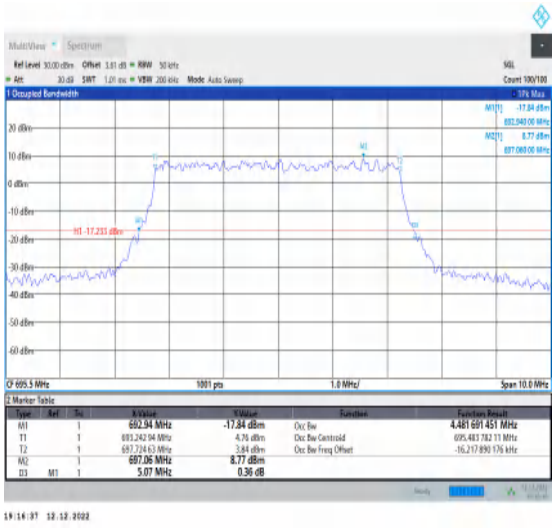

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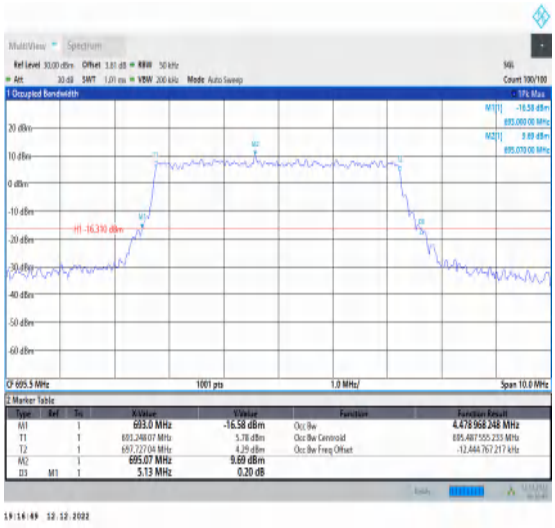

1-N71-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.479-5.130-≤5-PASS

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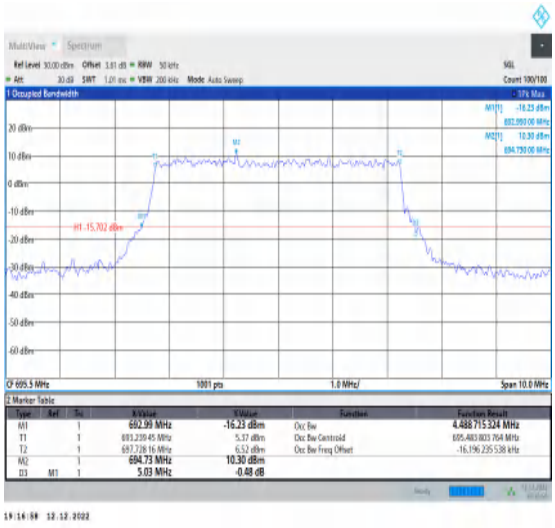

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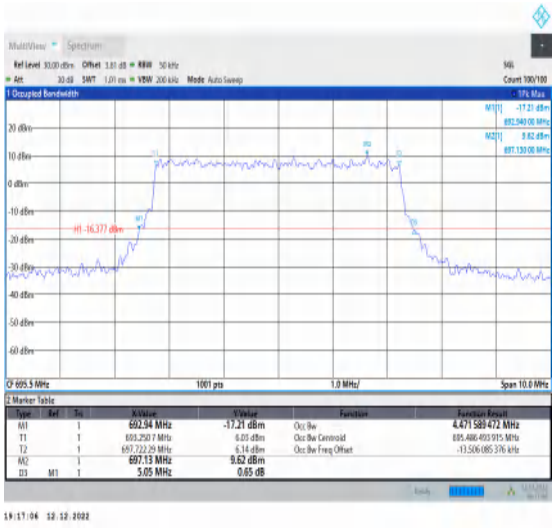

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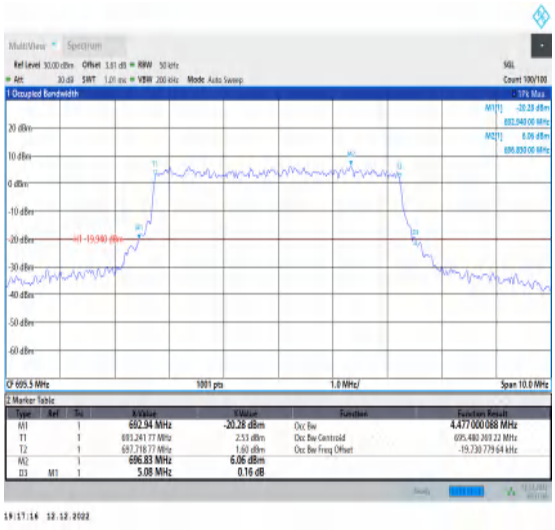

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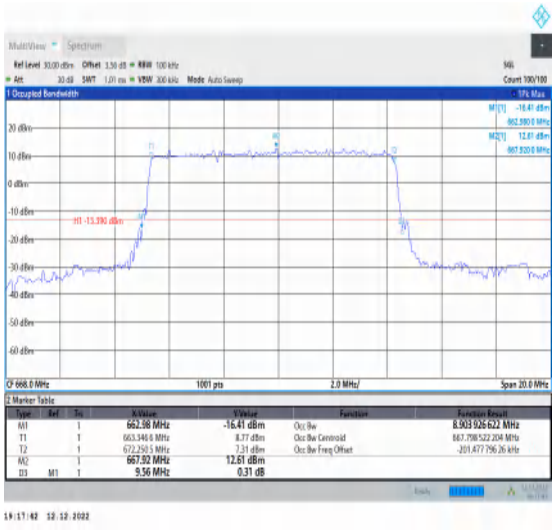

1-N71-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.904-9.560-≤10-PASS

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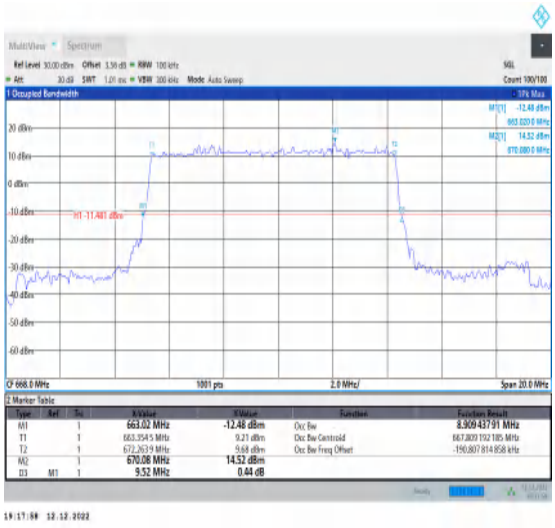

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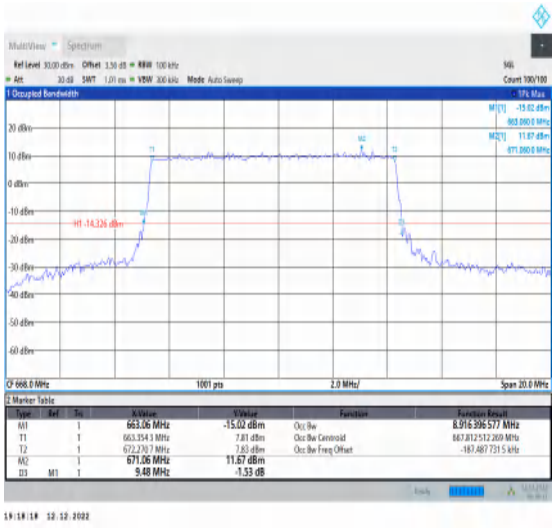

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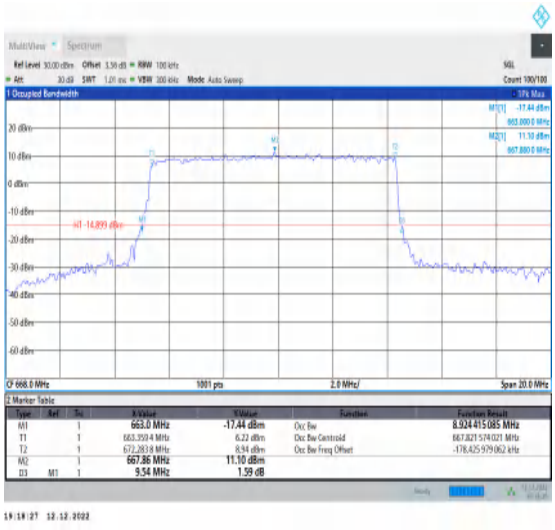

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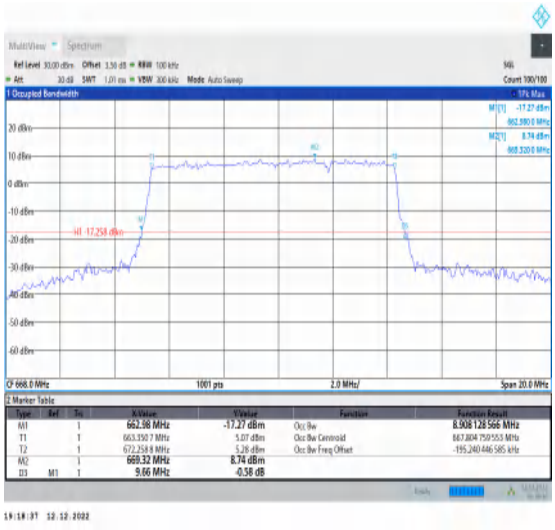

1-N71-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.908-9.660-≤10-PASS

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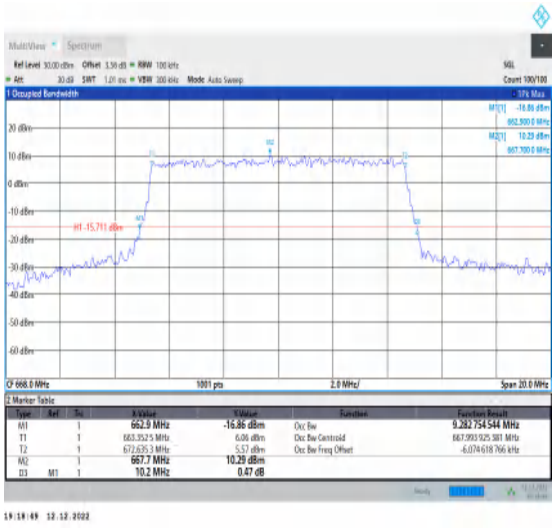

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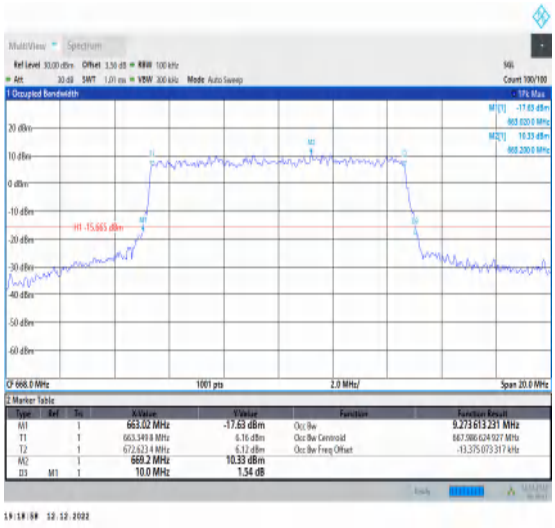

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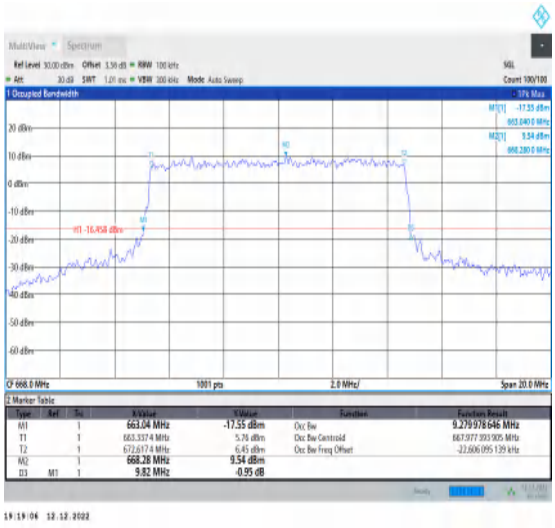

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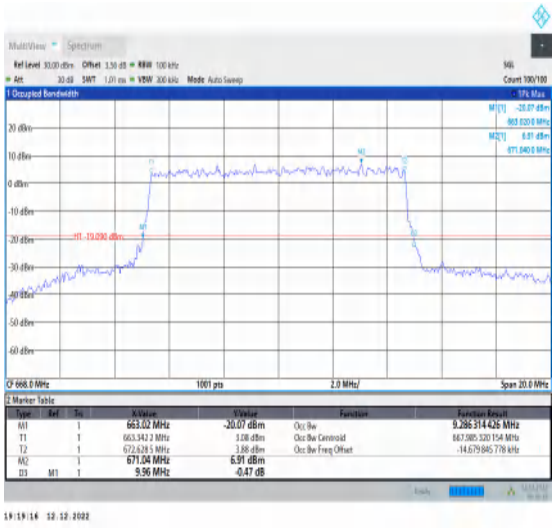

1-N71-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.286-9.960-≤10-PASS

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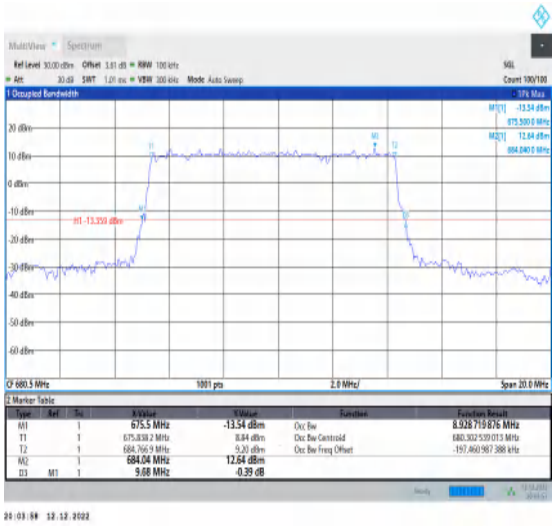

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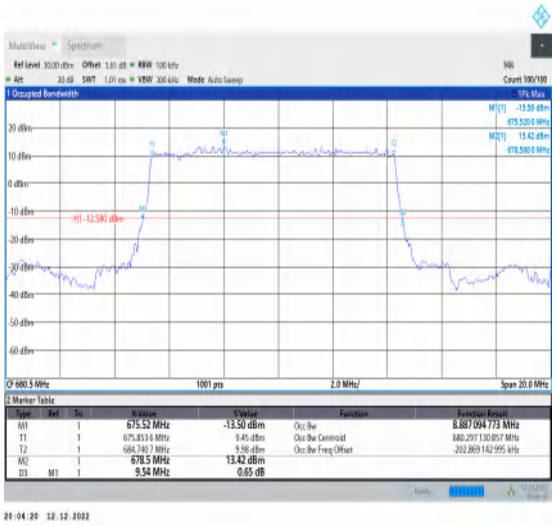

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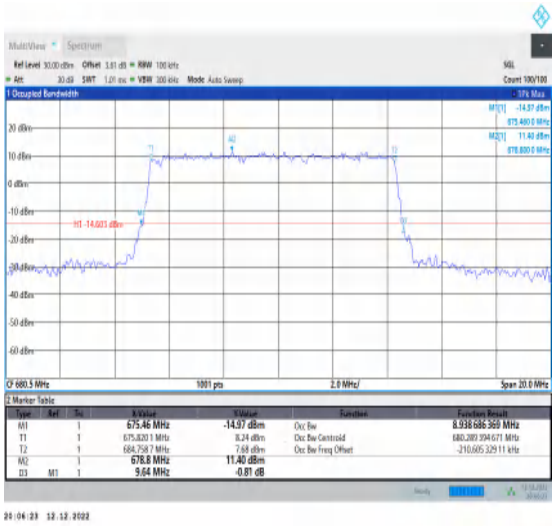
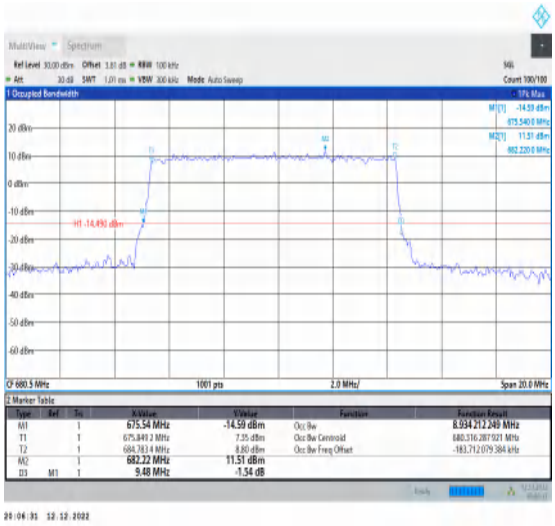


1-N71-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.939-9.640-≤10-PASS



1-N71-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.934-9.480-≤10-PASS

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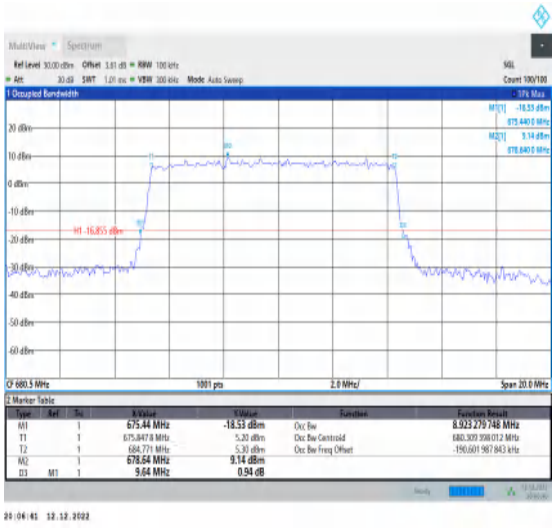

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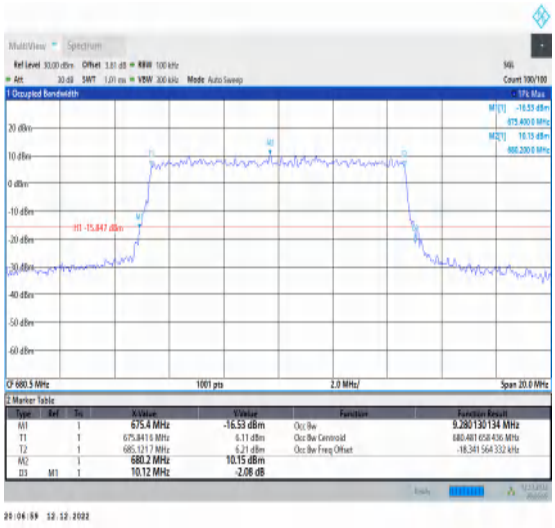

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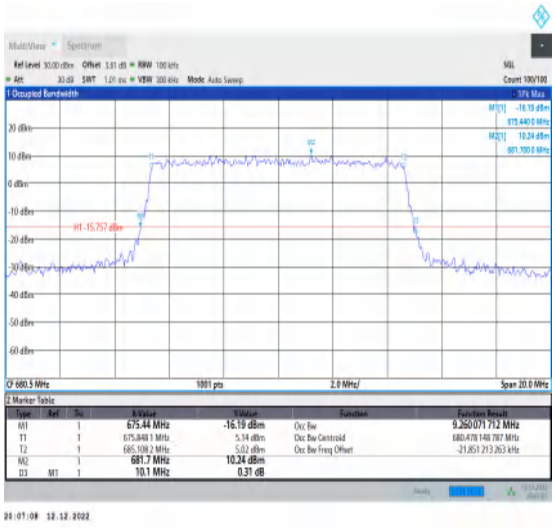
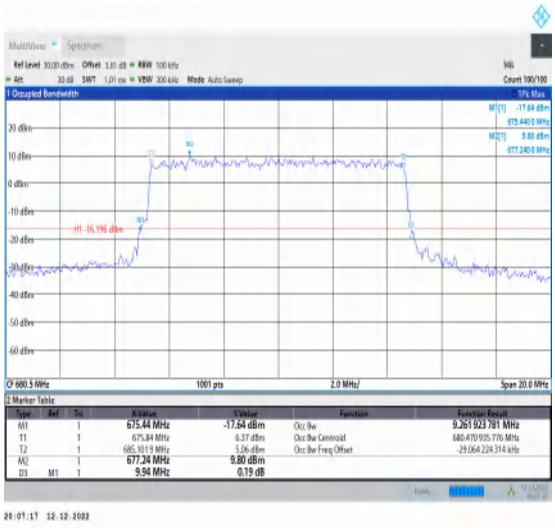


1-N71-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.26-10.100-≤10-PASS



1-N71-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.262-9.940-≤10-PASS

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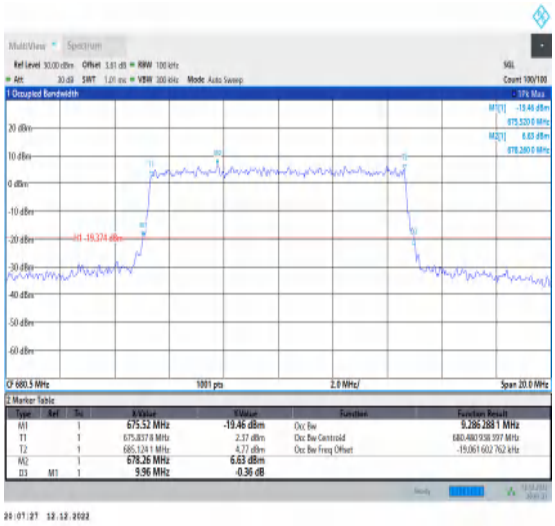

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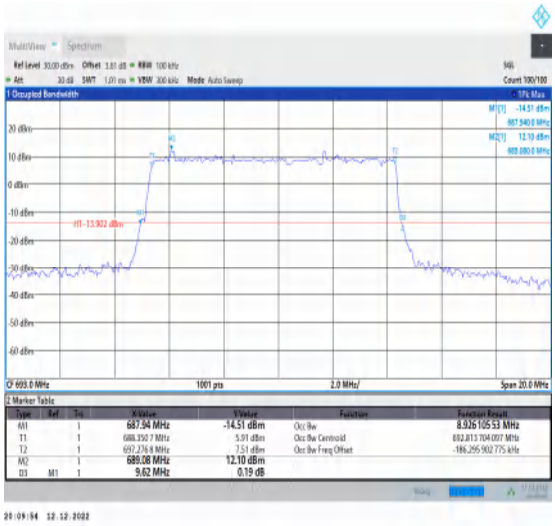

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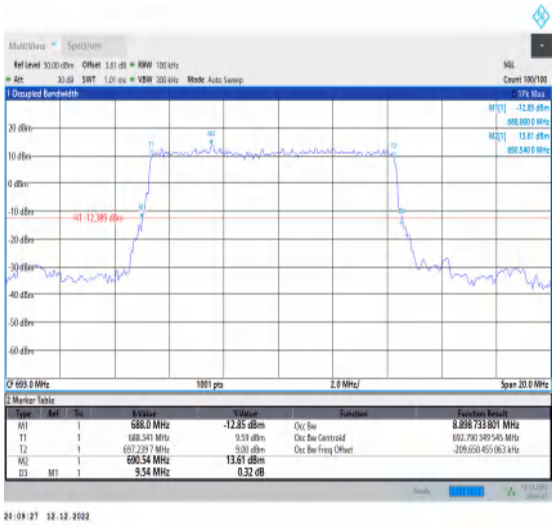

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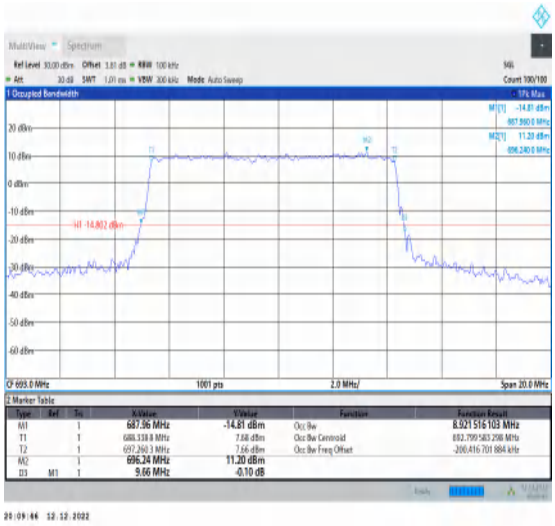

1-N71-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.922-9.660-≤10-PASS

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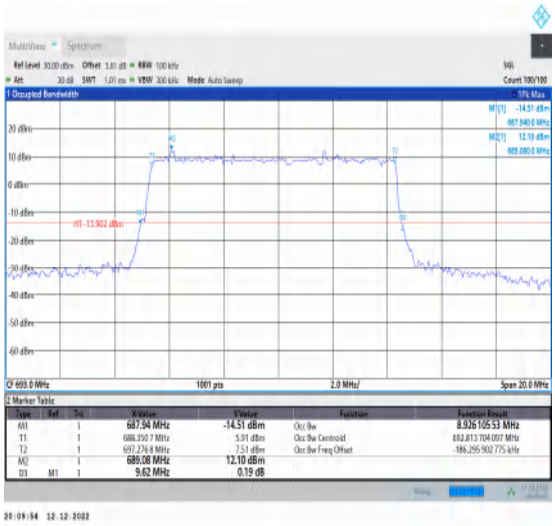

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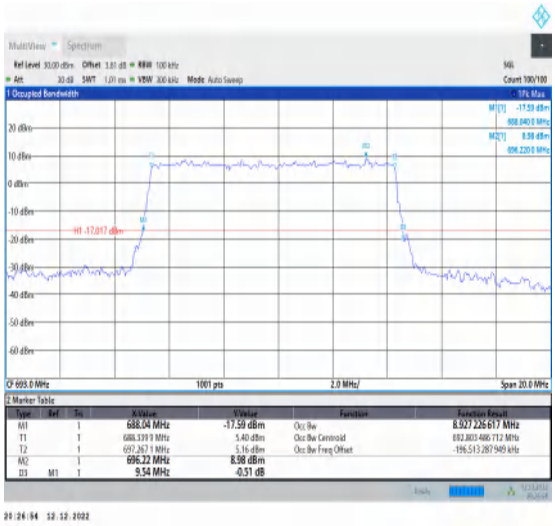

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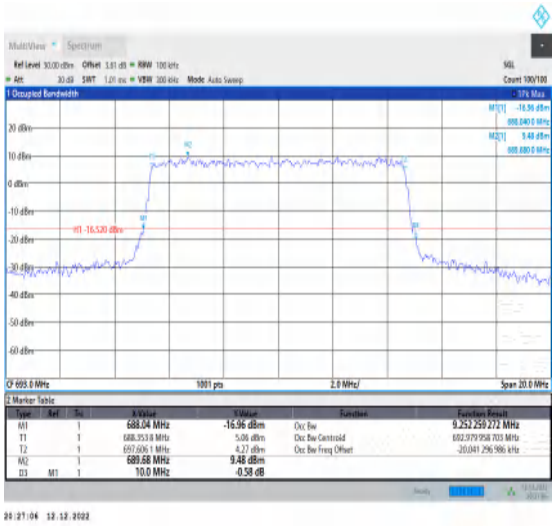

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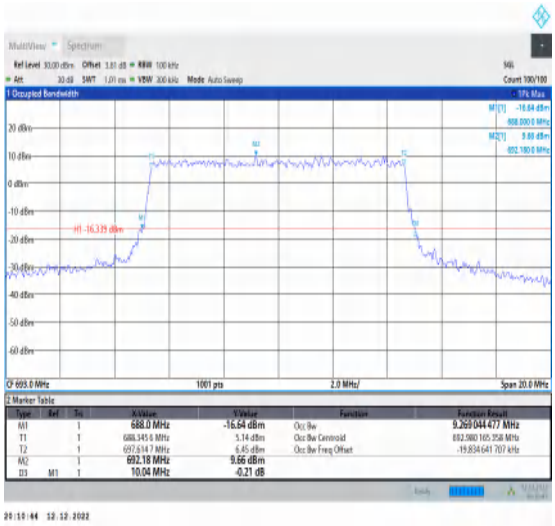

1-N71-15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9.269-10.040-≤10-PASS

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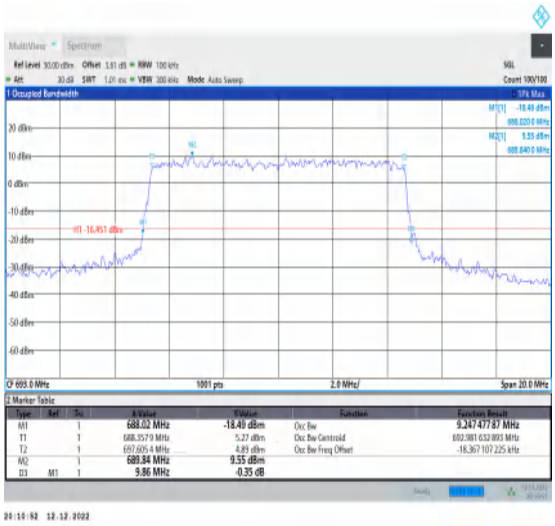

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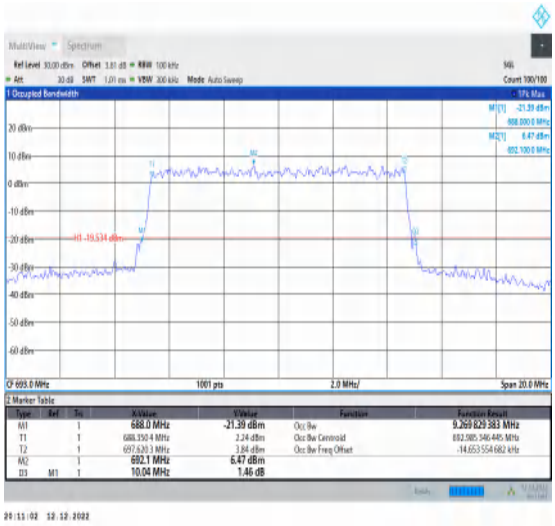

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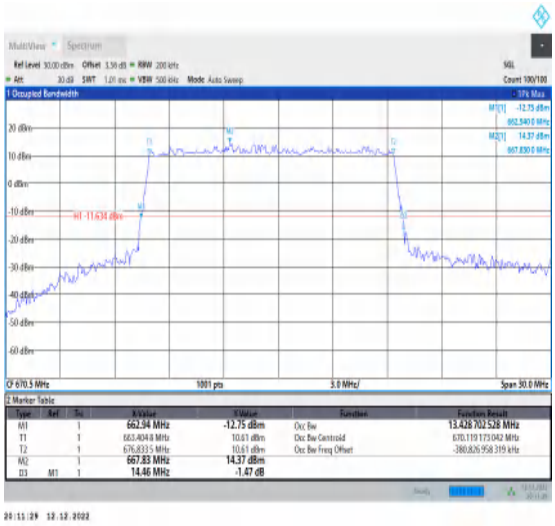

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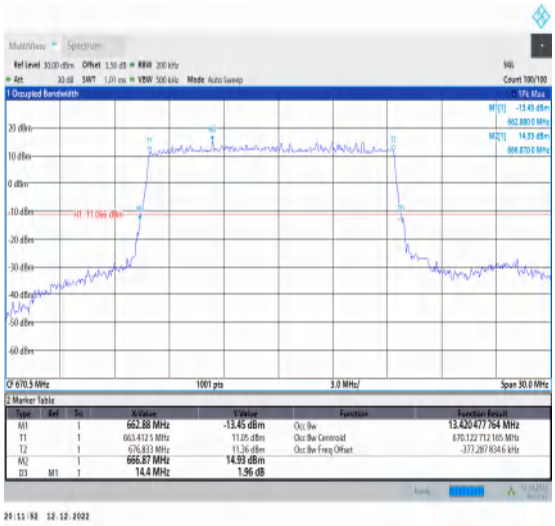

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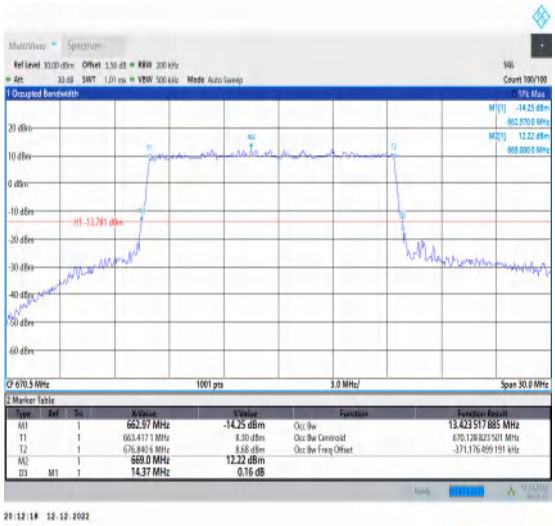

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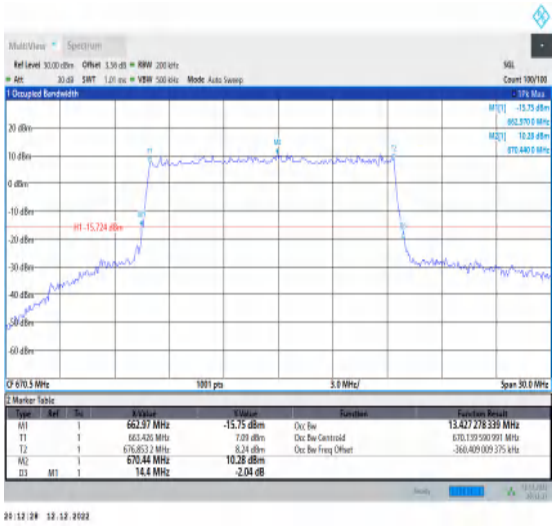

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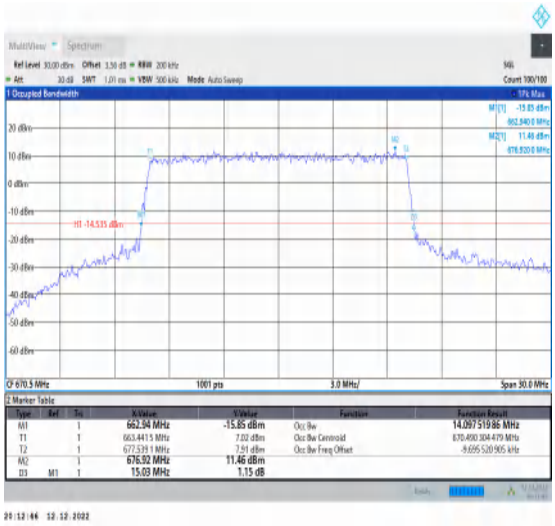

1-N71-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-14.098-15.030-≤15-PASS

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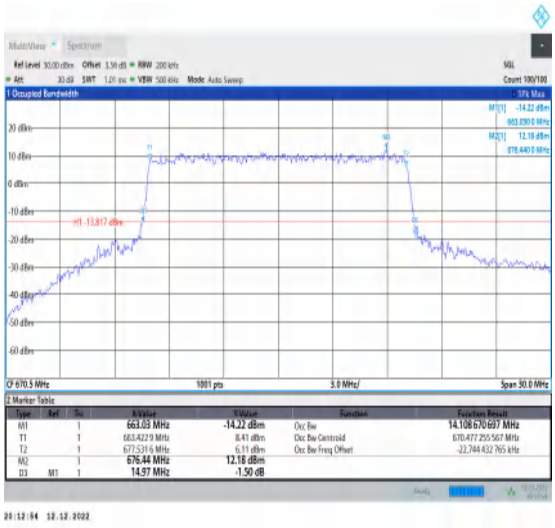

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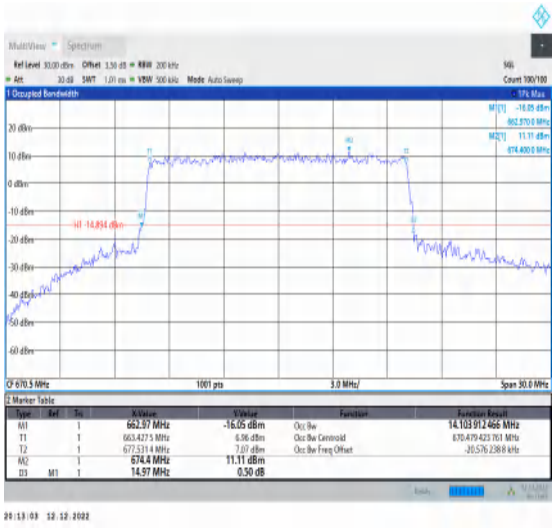

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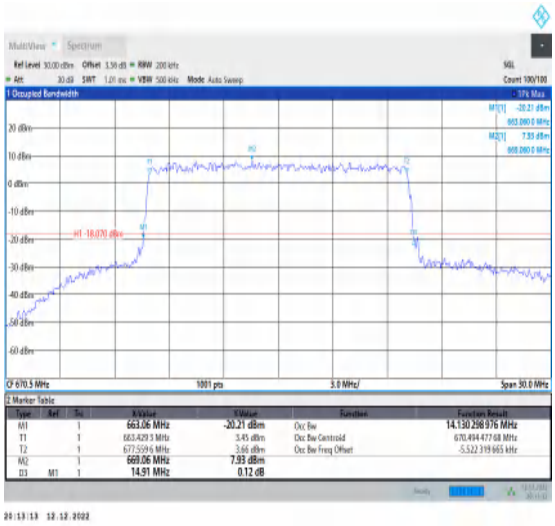

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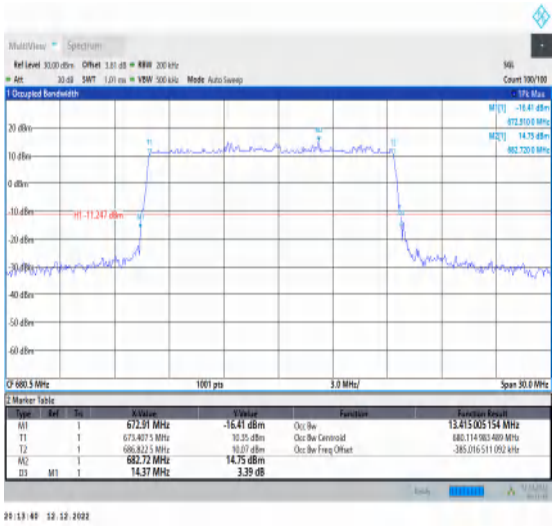

1-N71-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.415-14.370-≤15-PASS

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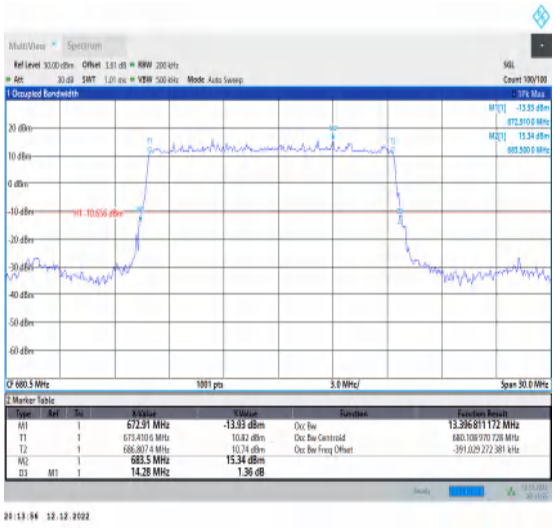

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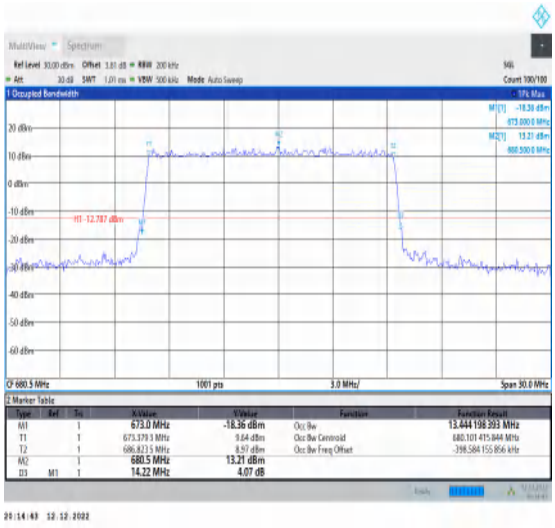
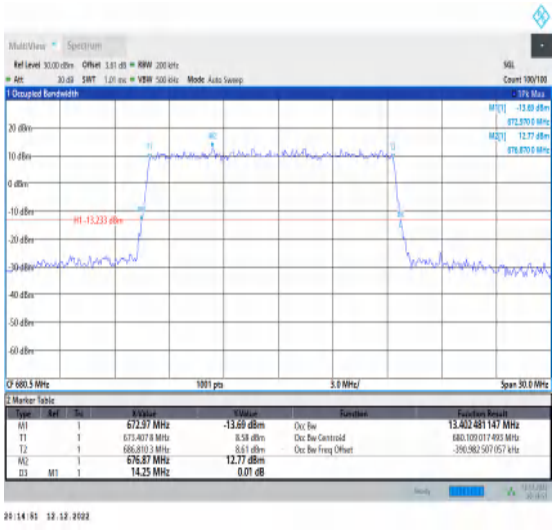


1-N71-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.444-14.220-≤15-PASS



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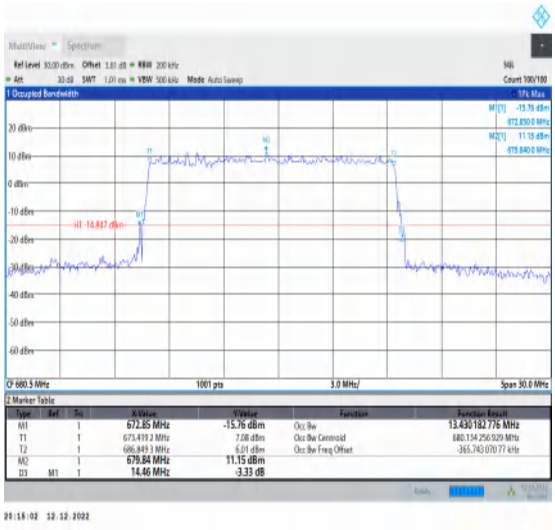

1-N71-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.43-14.460-≤15-PASS

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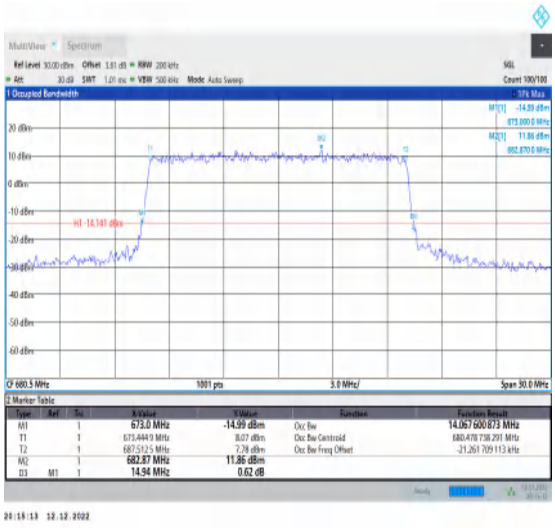

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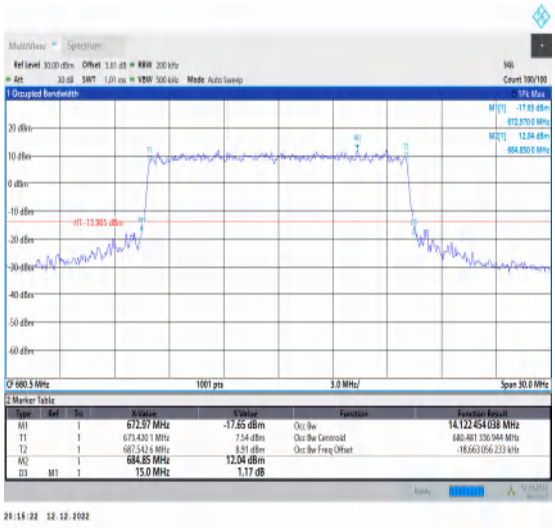

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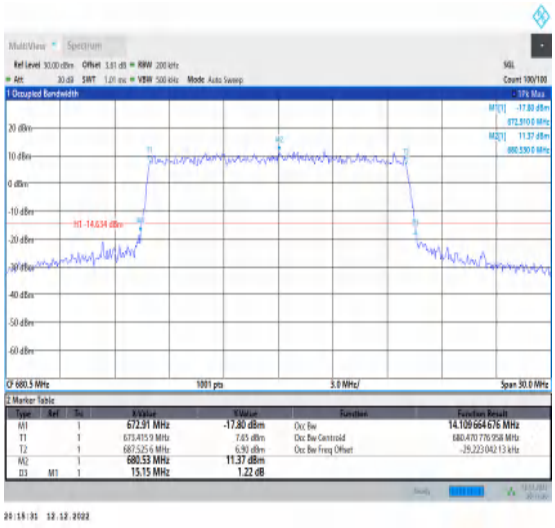

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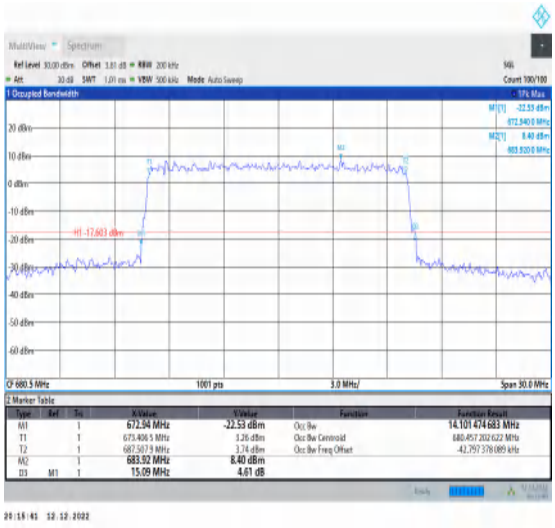

1-N71-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.101-15.090-≤15-PASS

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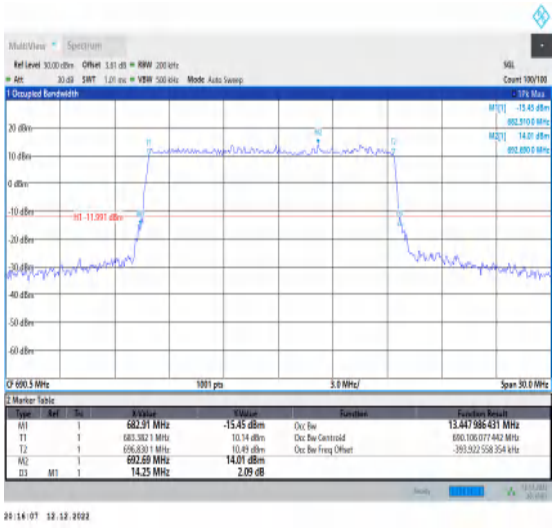

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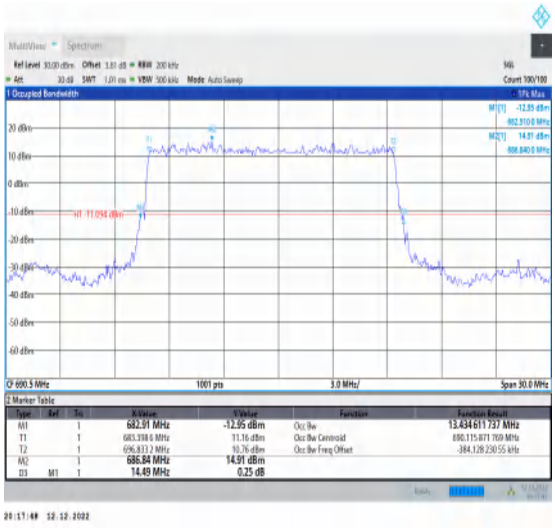

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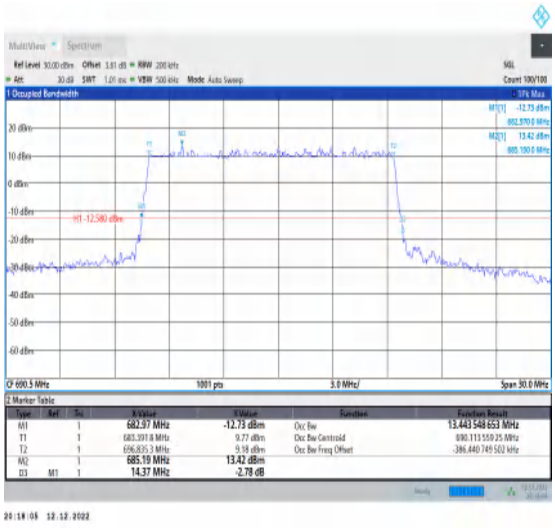

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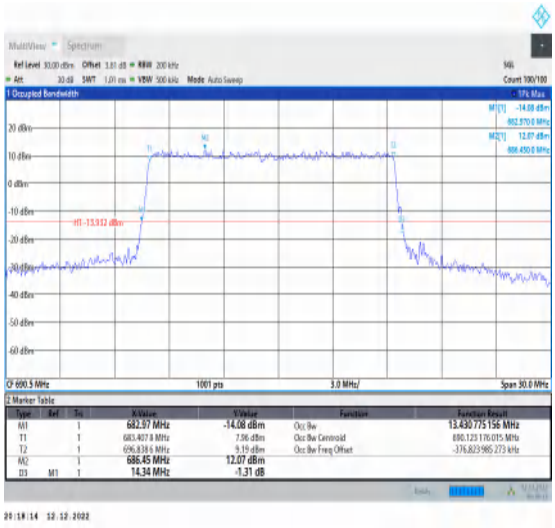

1-N71-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.431-14.340-≤15-PASS

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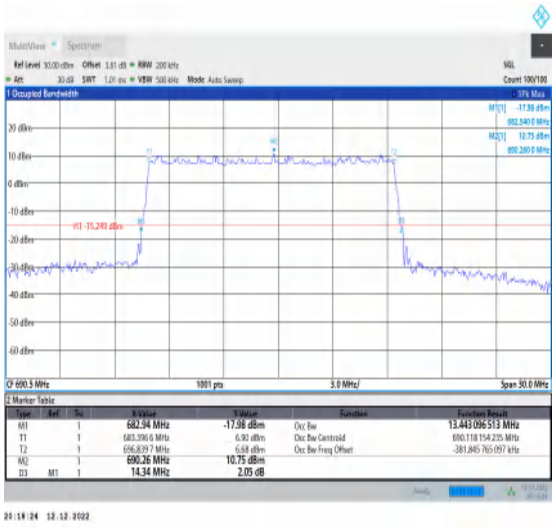

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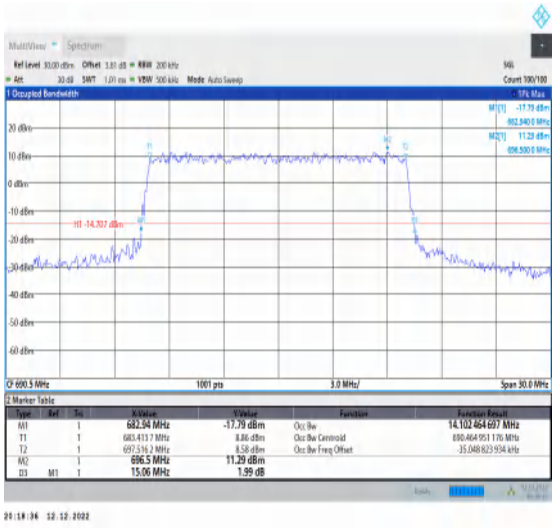

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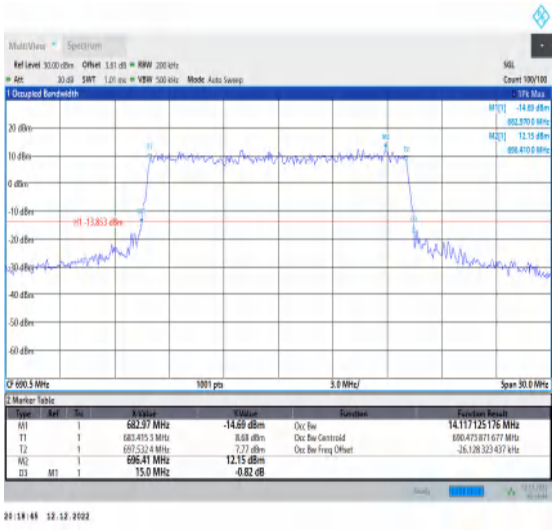

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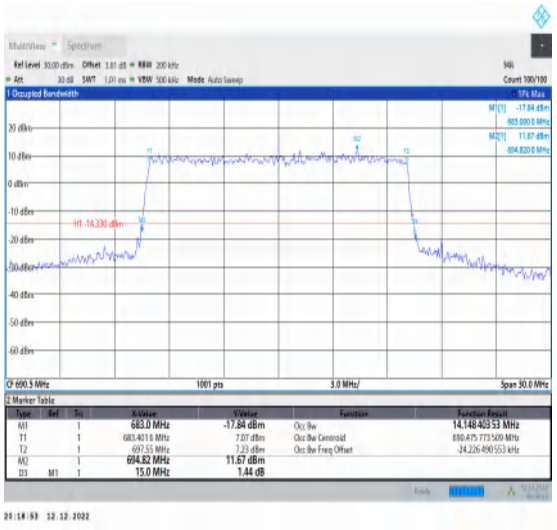

1-N71-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant1-14.148-15.000-≤15-PASS

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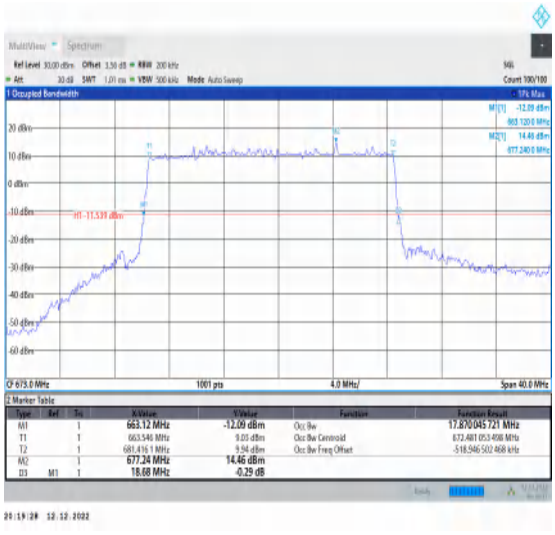

1-N71-15-20-L-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.87-18.680-≤20-PASS

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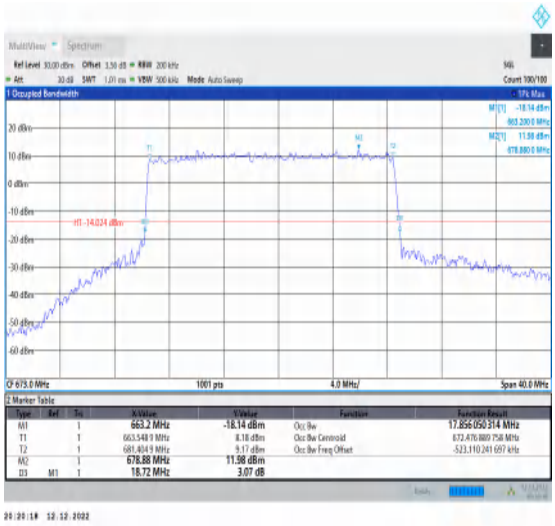

1-N71-15-20-L-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.856-18.720-≤20-PASS

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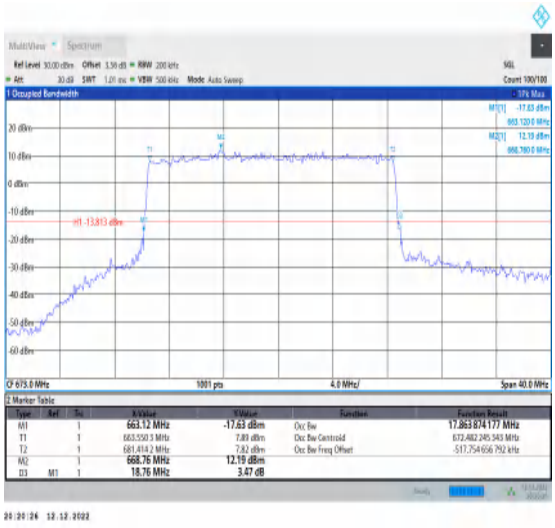

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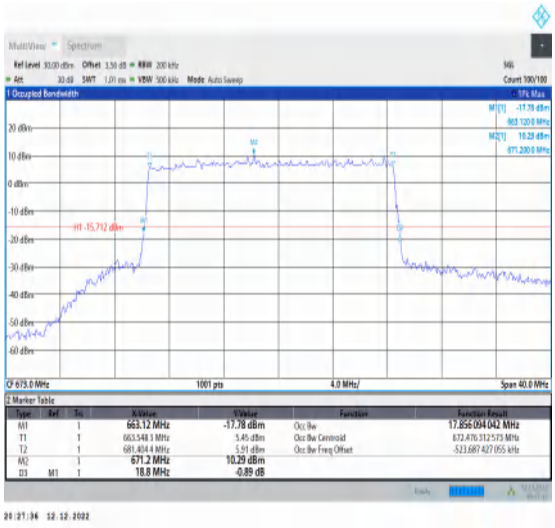

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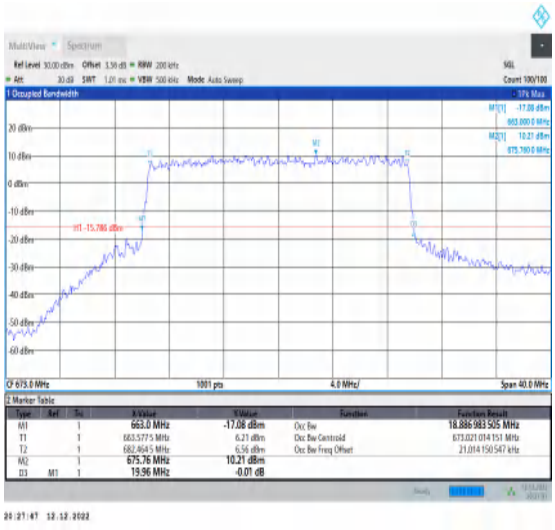

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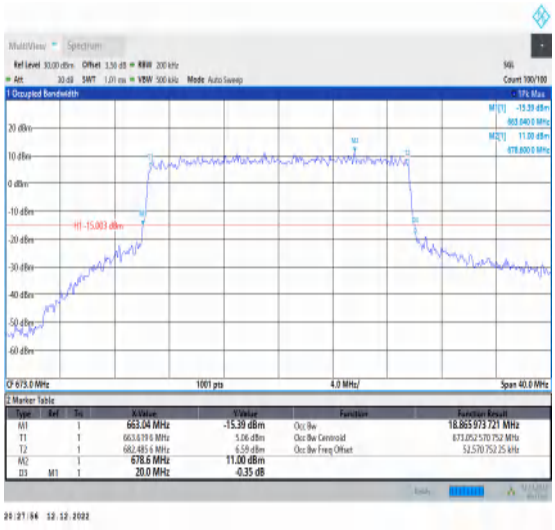

1-N71-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1-18.866-20.000-≤20-PASS

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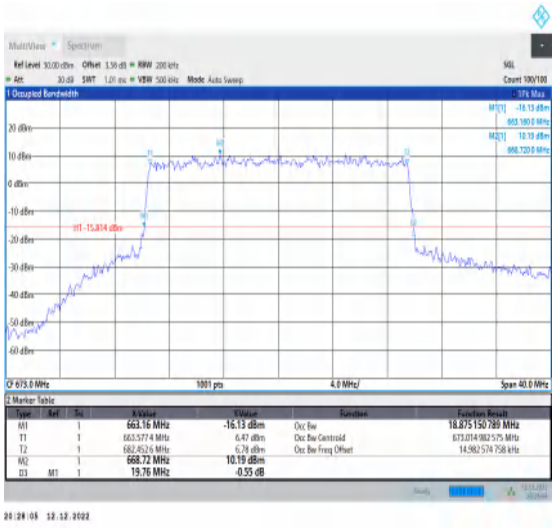

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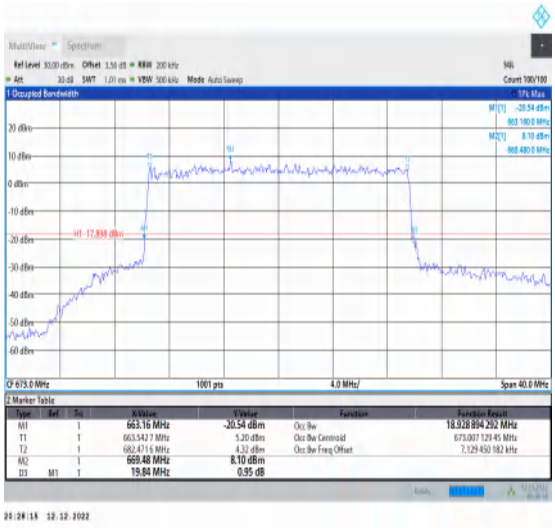

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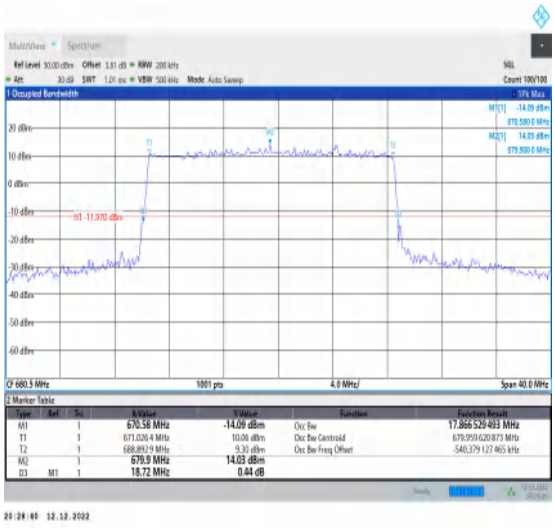

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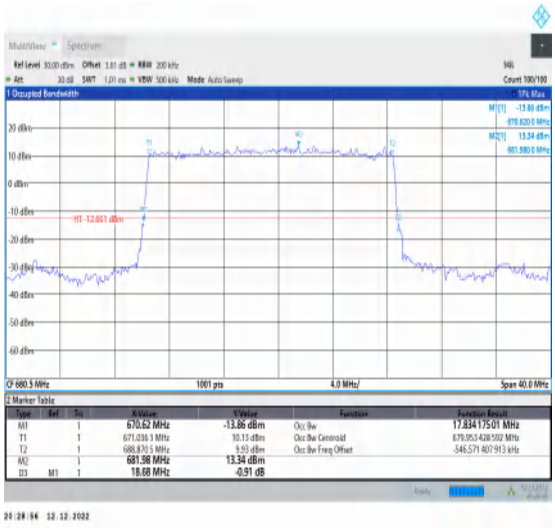

1-N71-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.834-18.680-≤20-PASS

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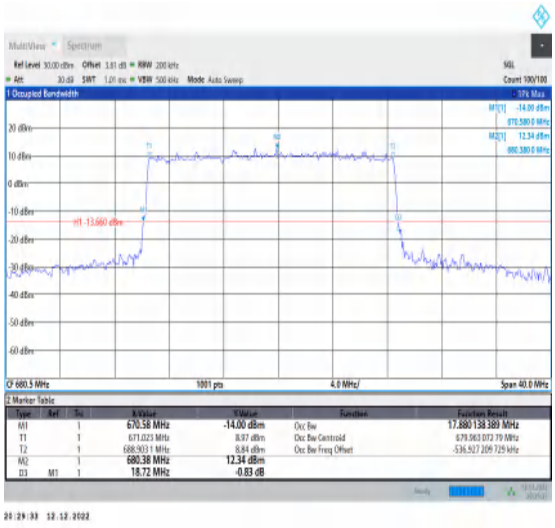

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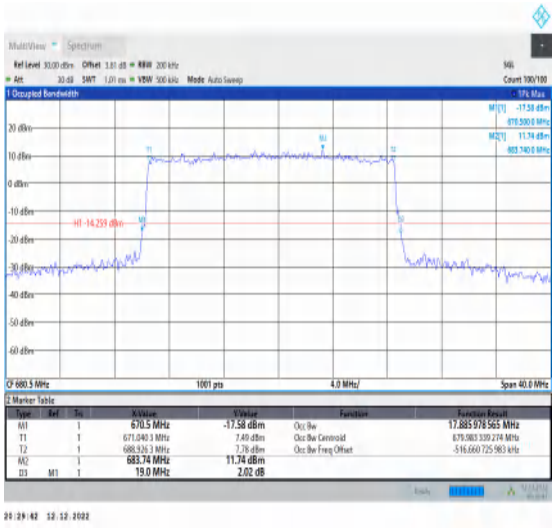

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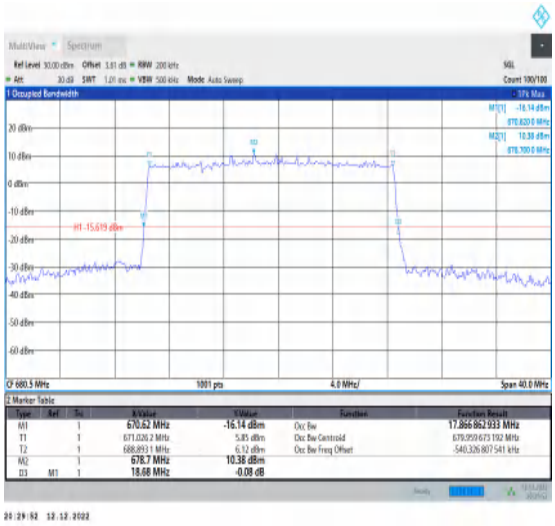

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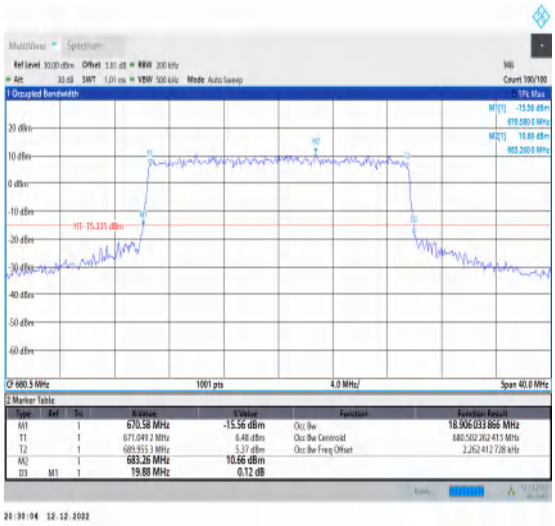

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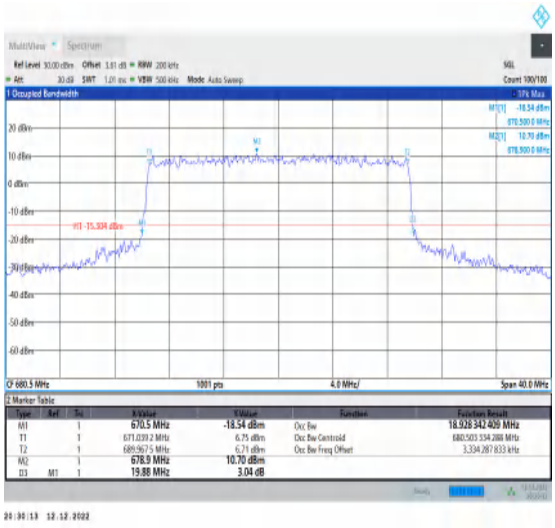

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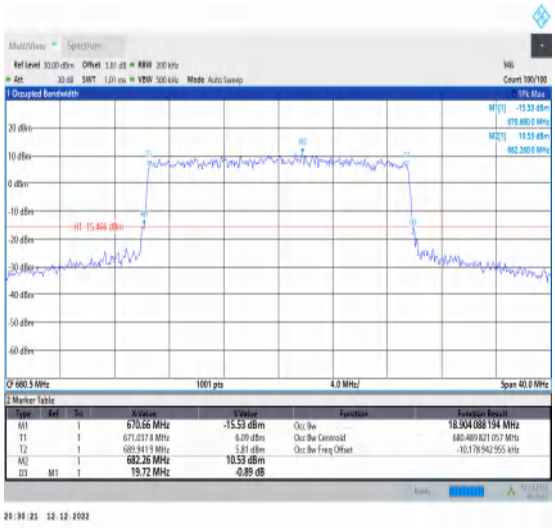

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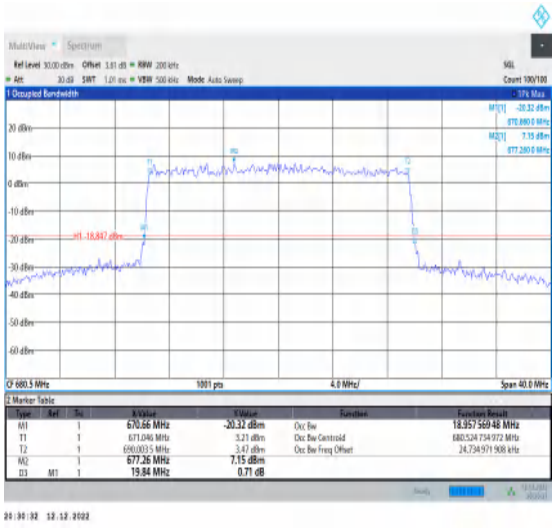

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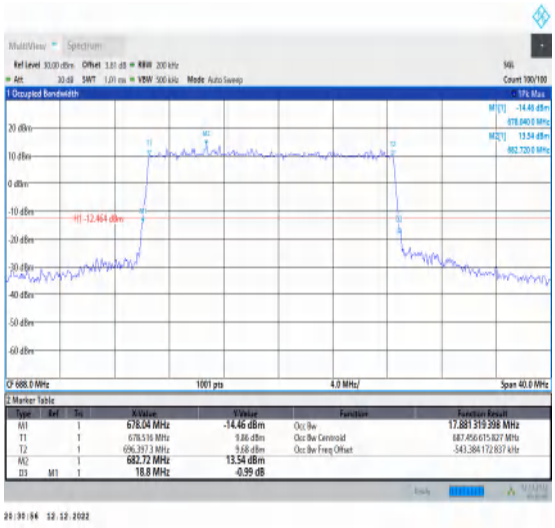

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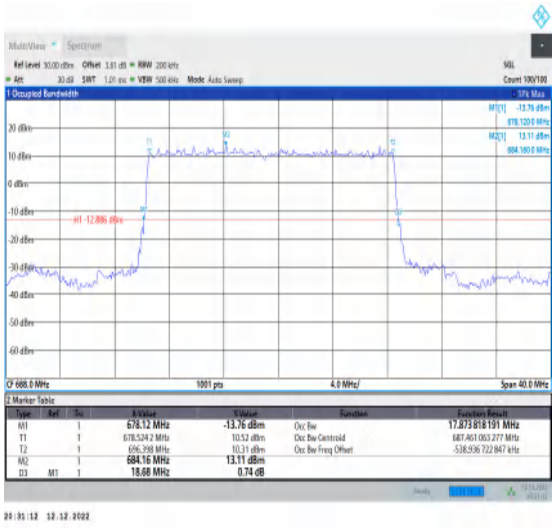

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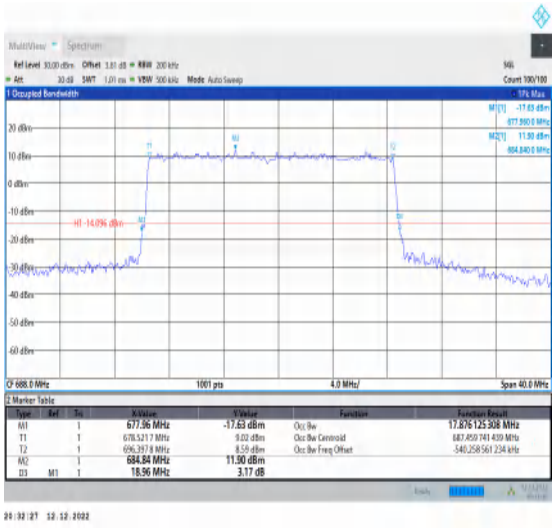

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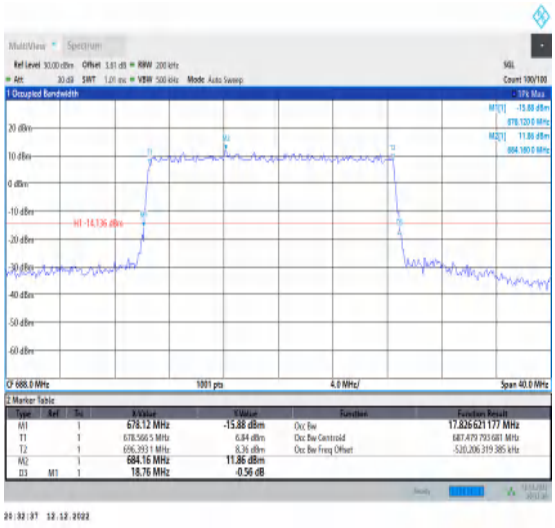

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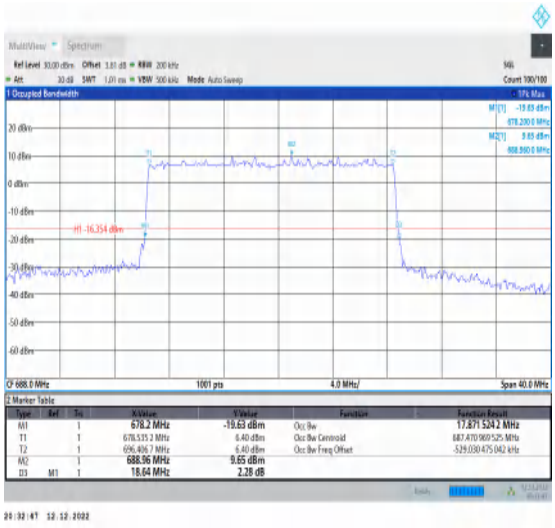

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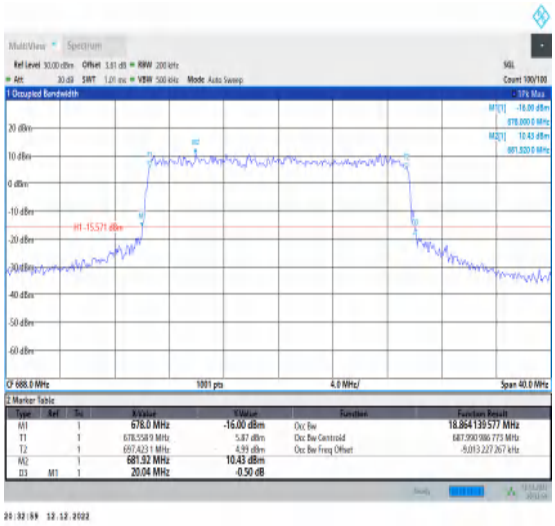

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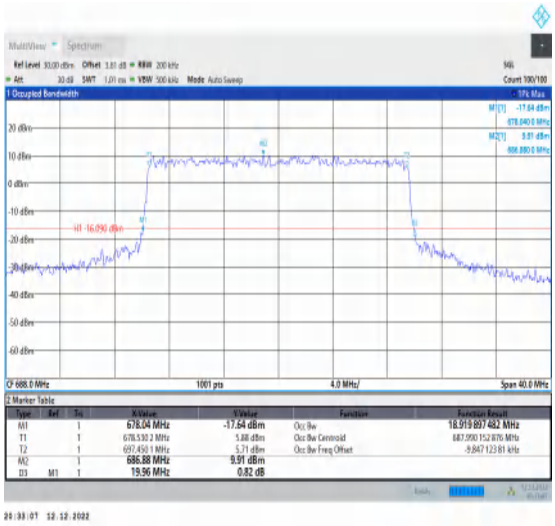

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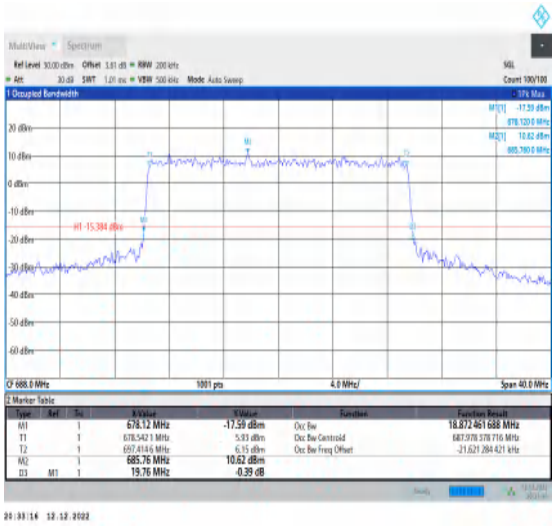

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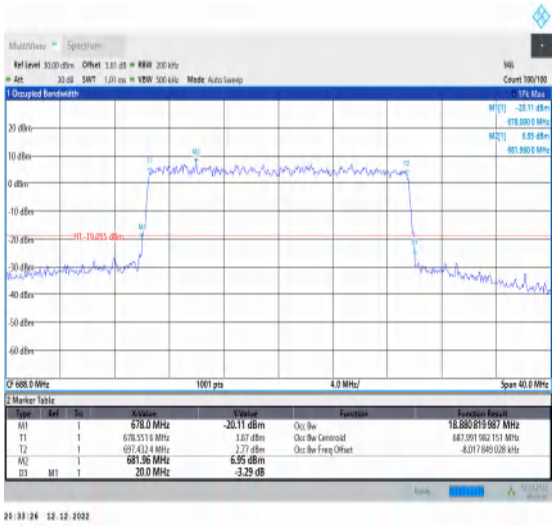

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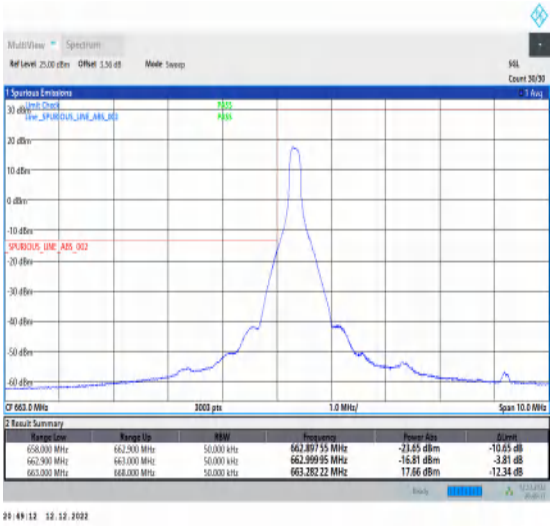
Band Edge for SA

Test Graphs



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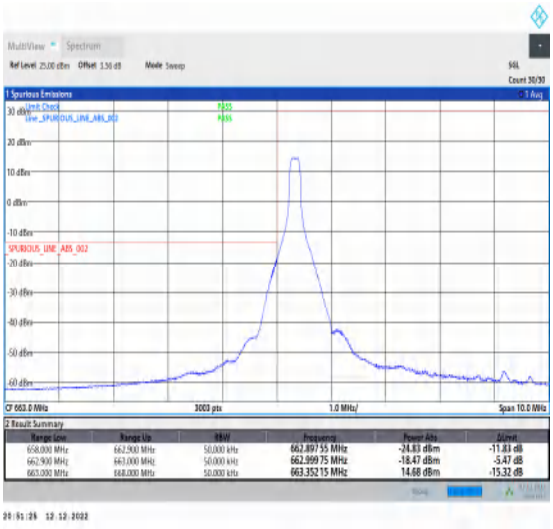

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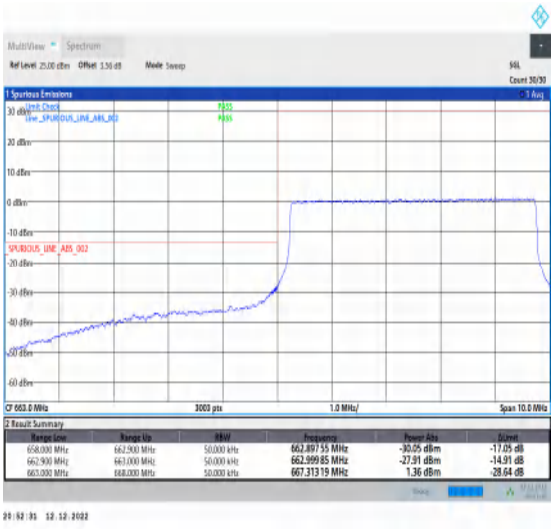

1-N71-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-1--PASS-see graph

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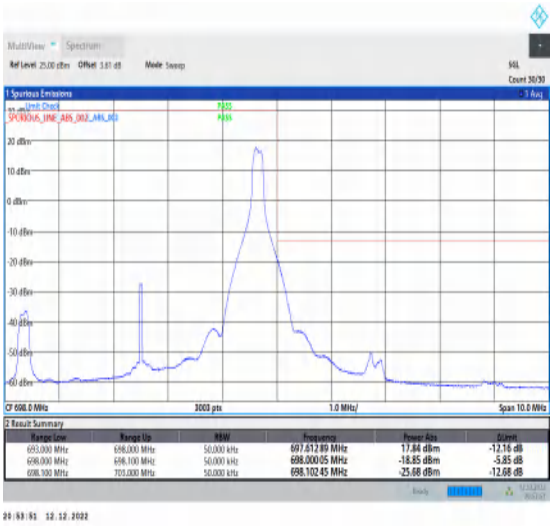

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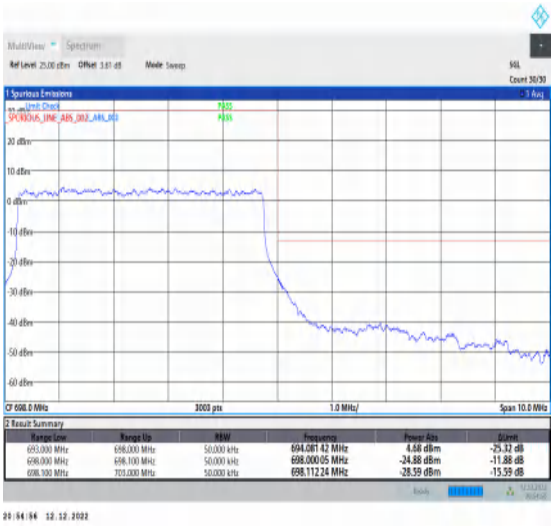

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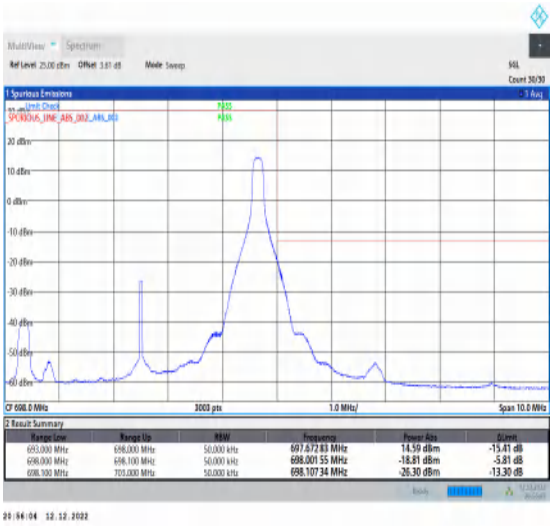

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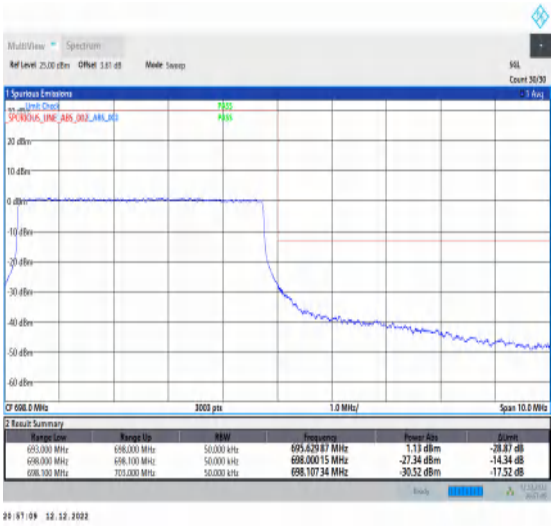

1-N71-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-1--PASS-see graph

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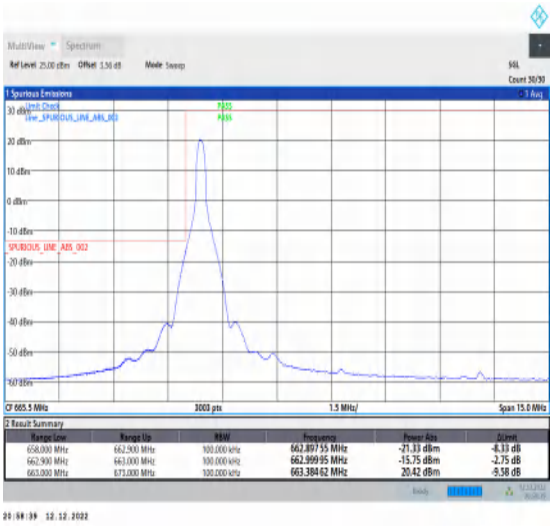

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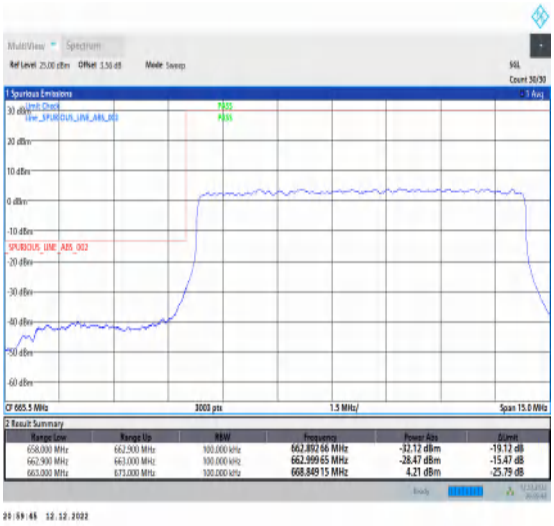

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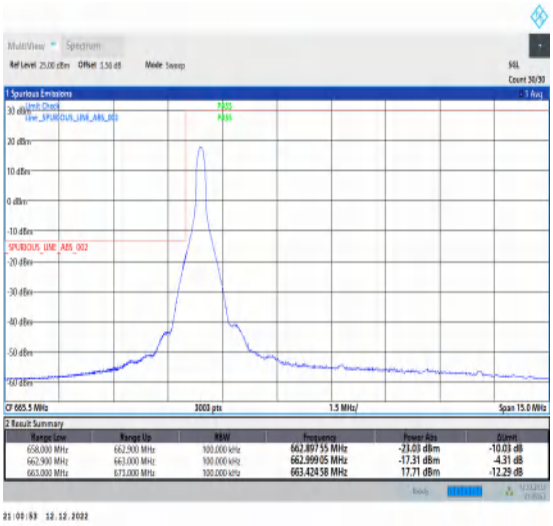

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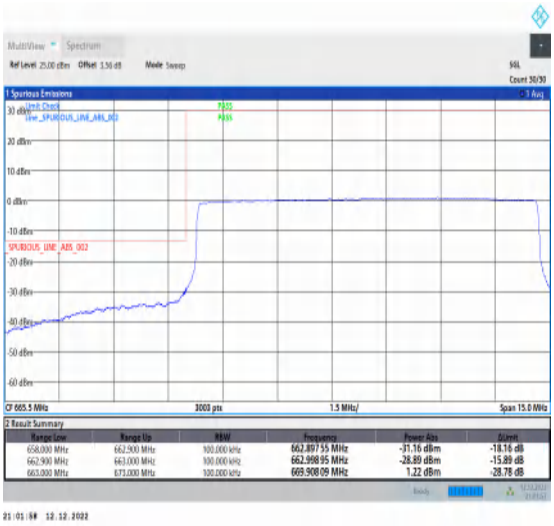

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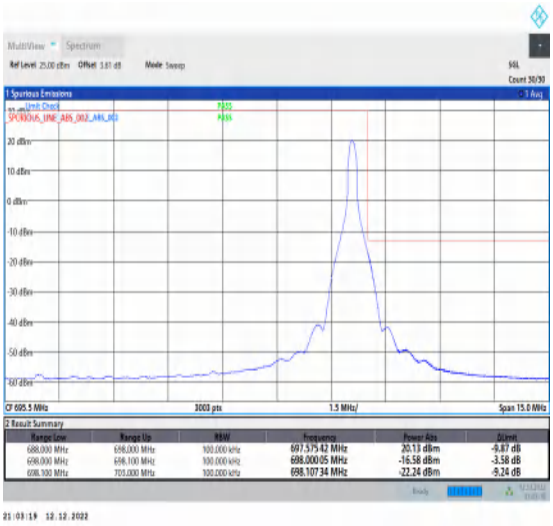

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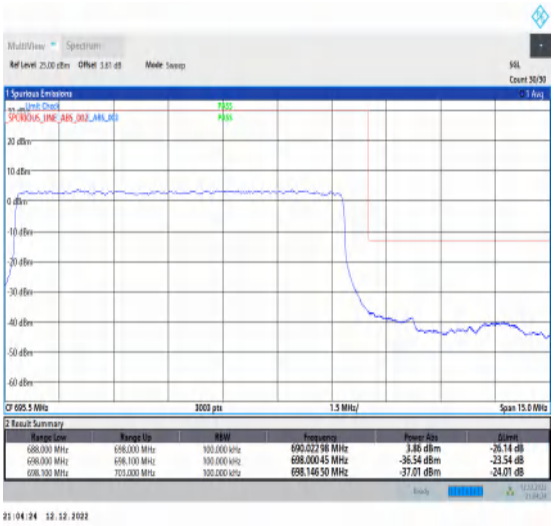

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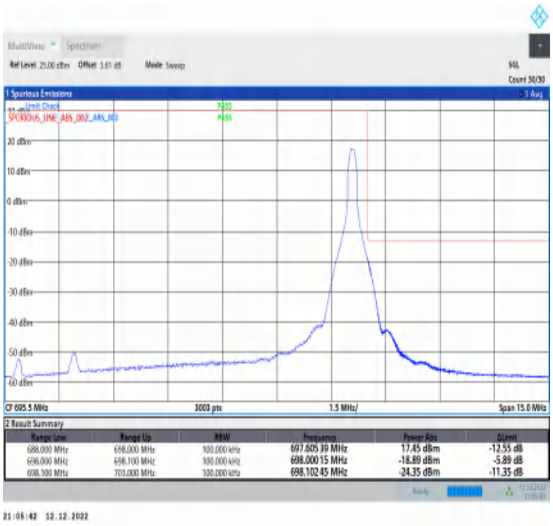

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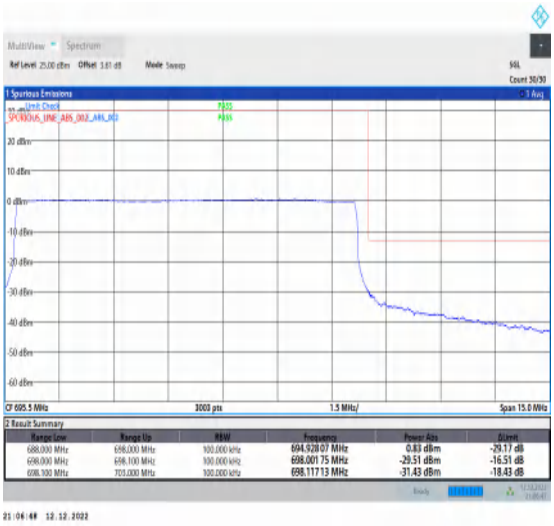

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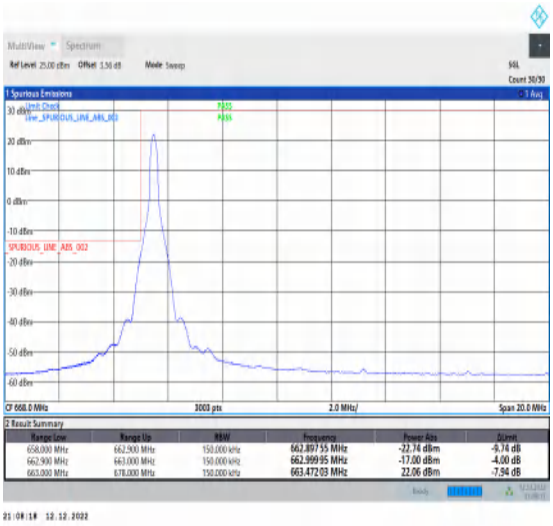

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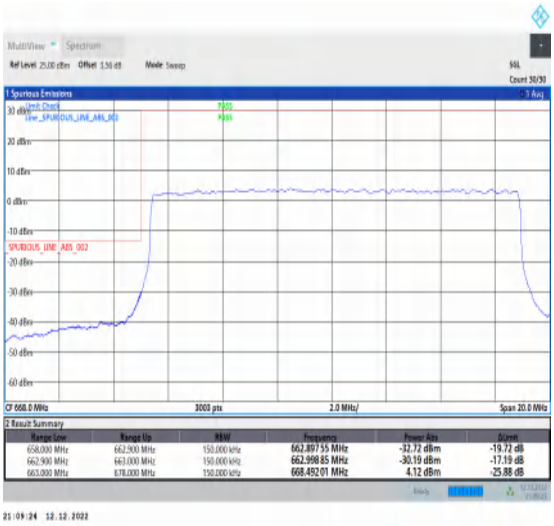

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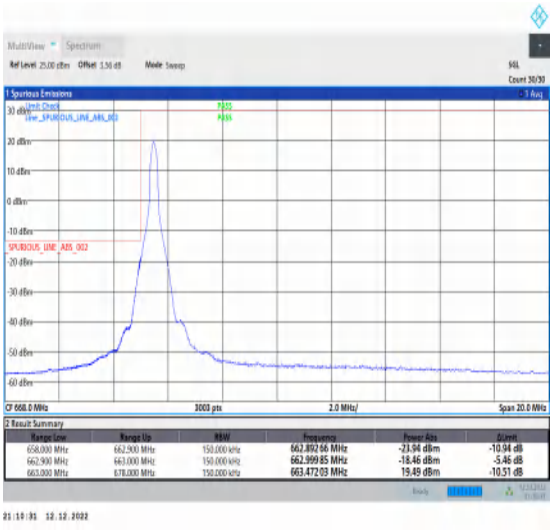

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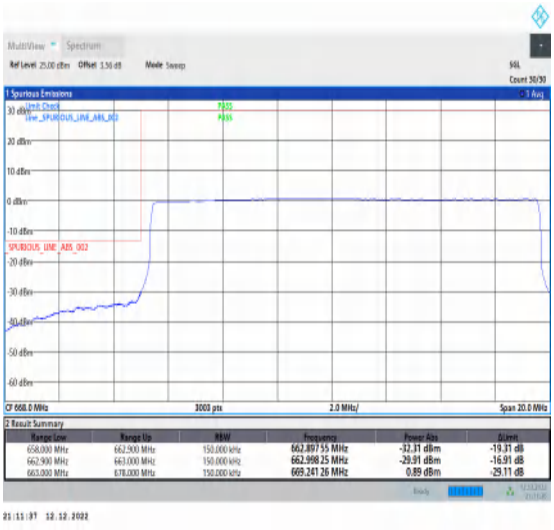

1-N71-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1--PASS-see graph

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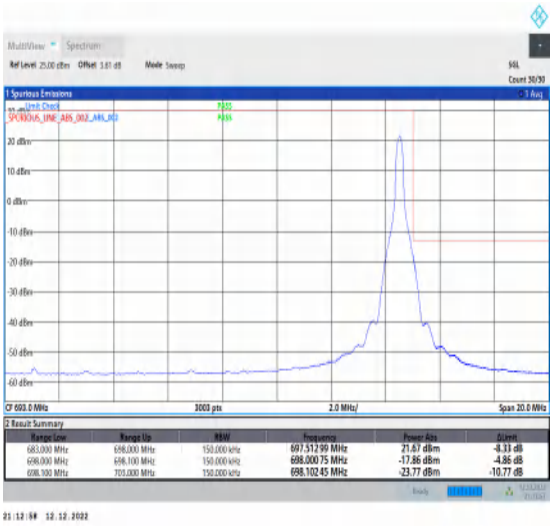

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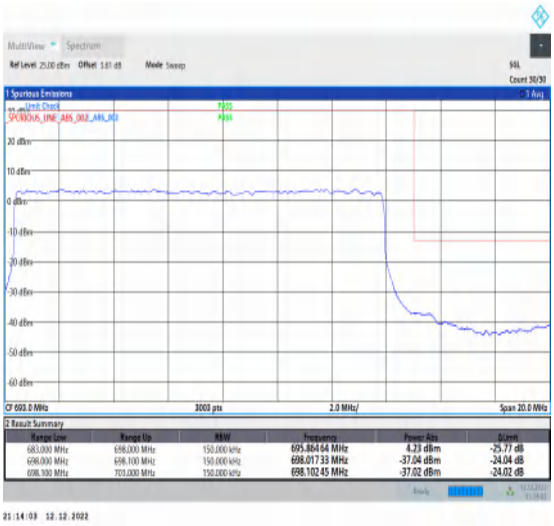

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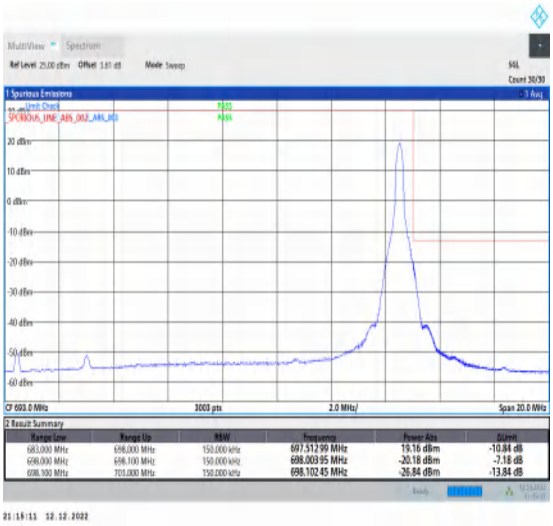

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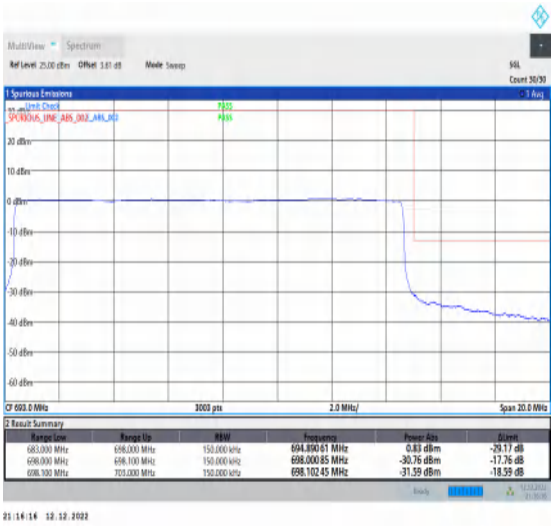

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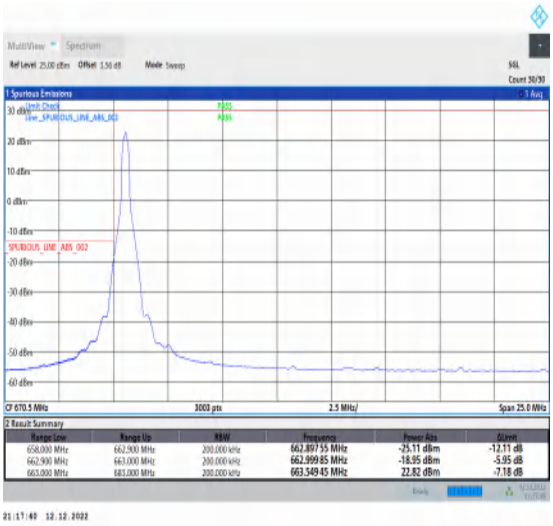

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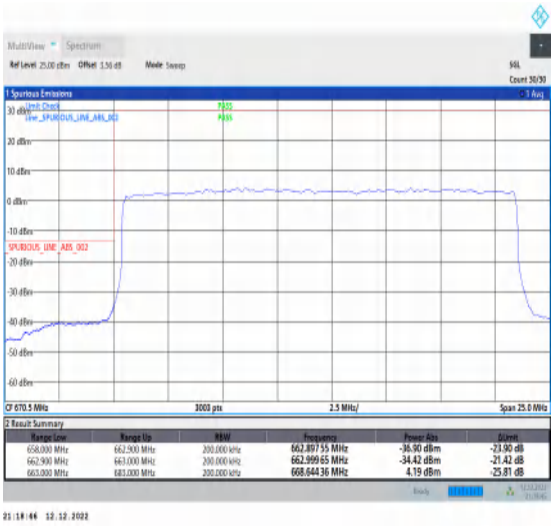

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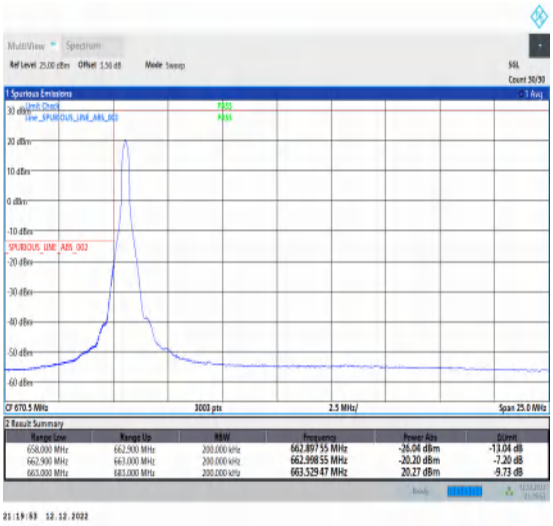

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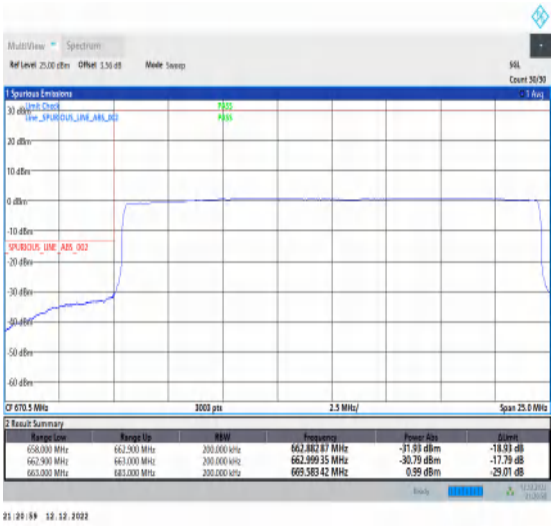

1-N71-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph

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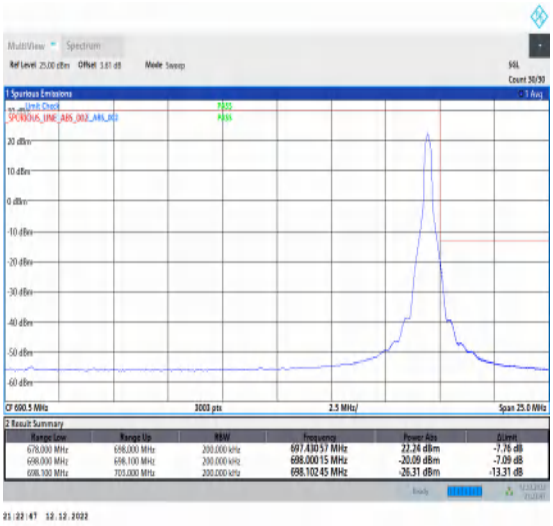

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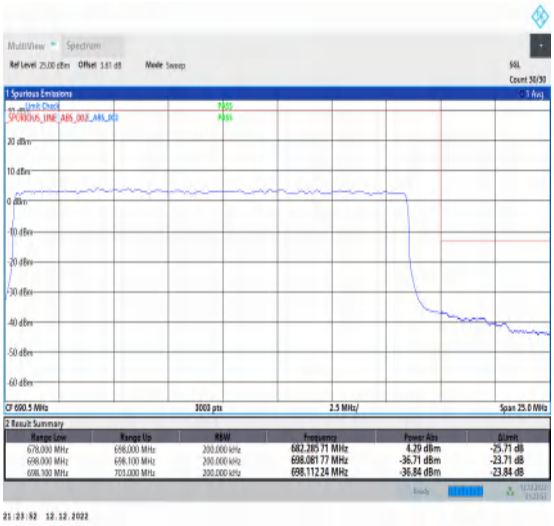

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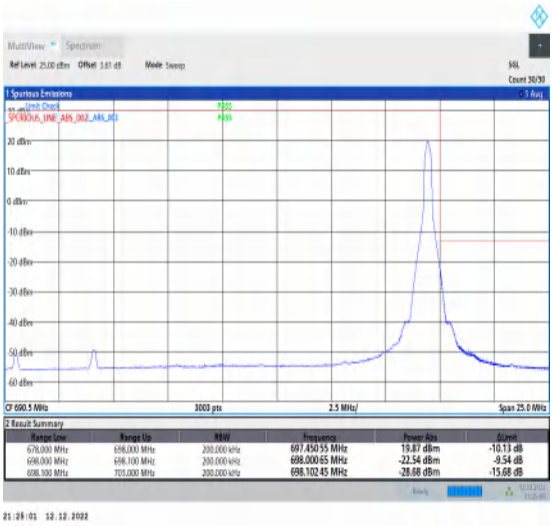

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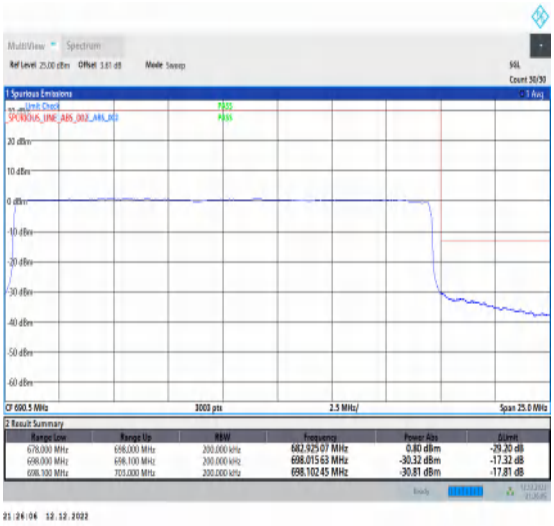

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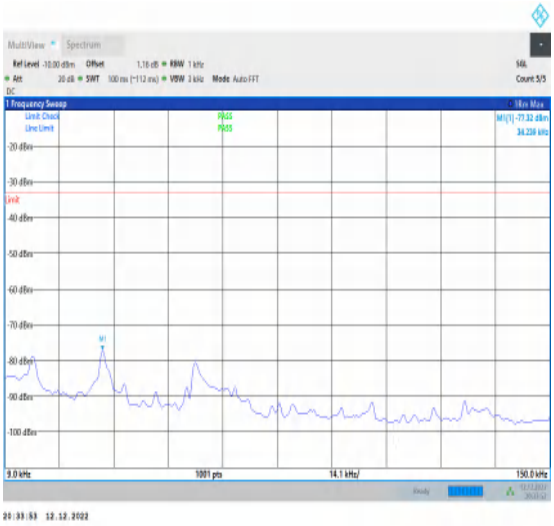
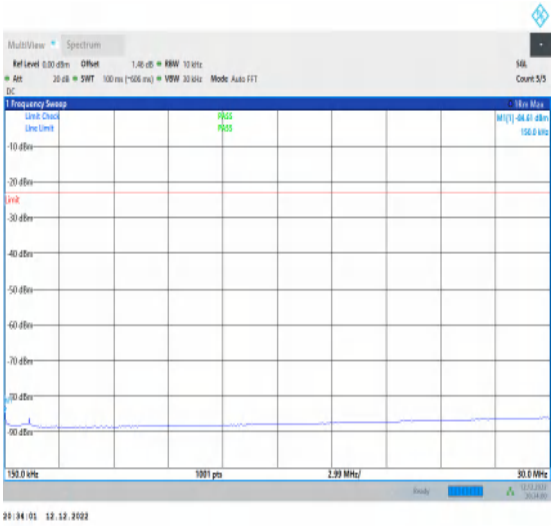
Test Graphs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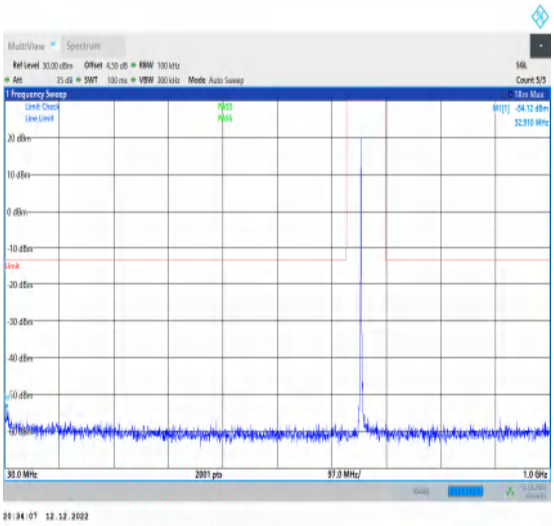	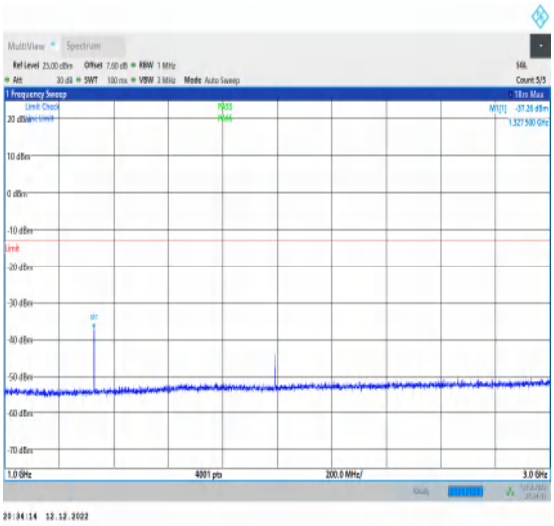
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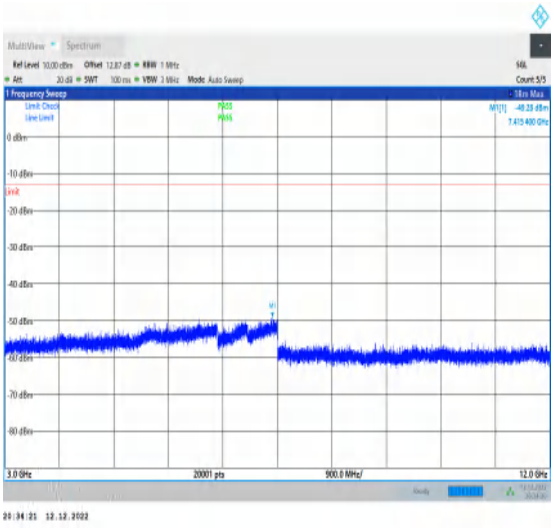

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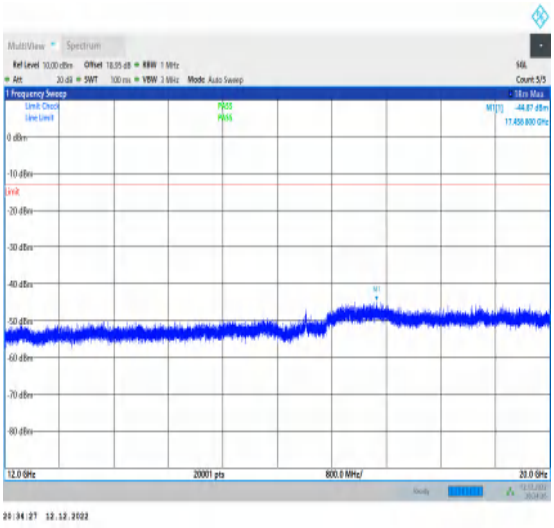

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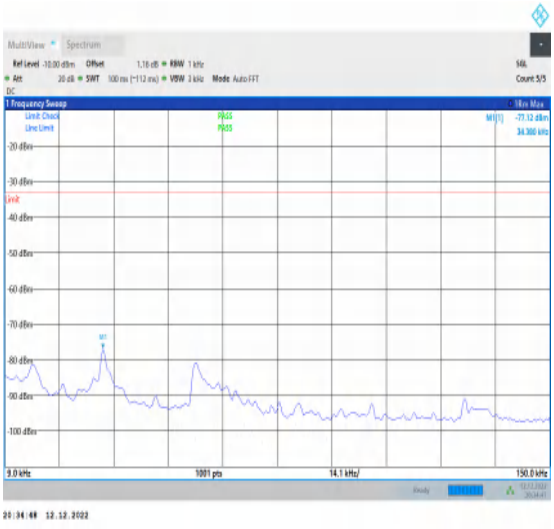

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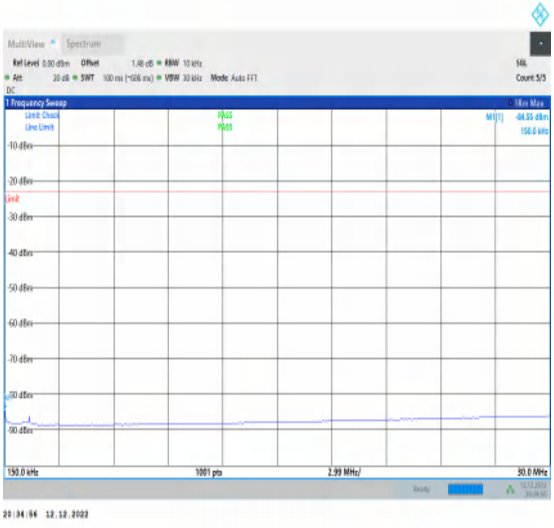

1-N71-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--84.55--23-PASS

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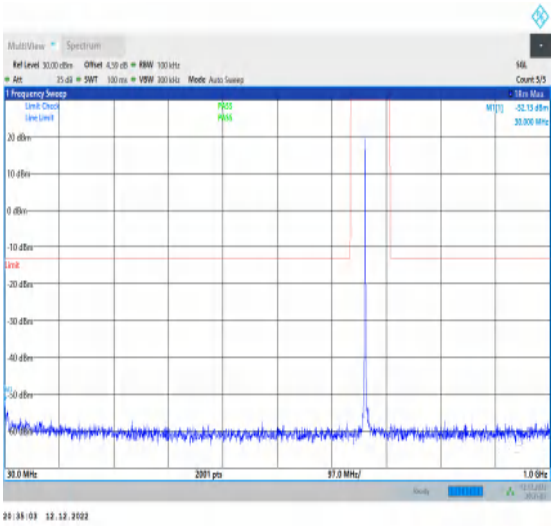

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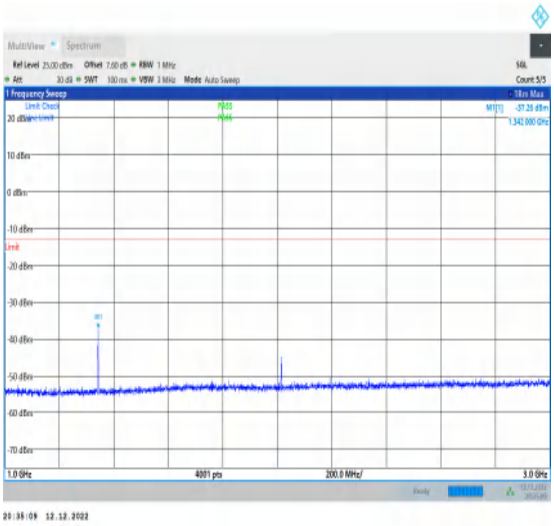

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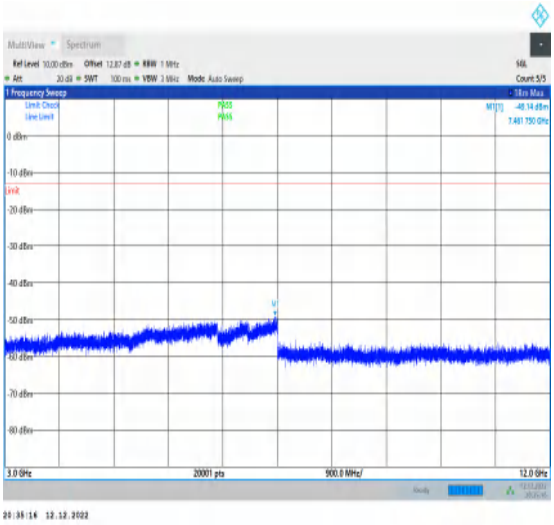

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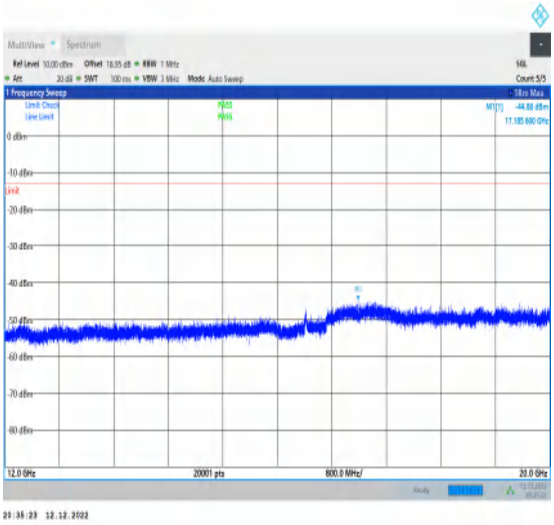

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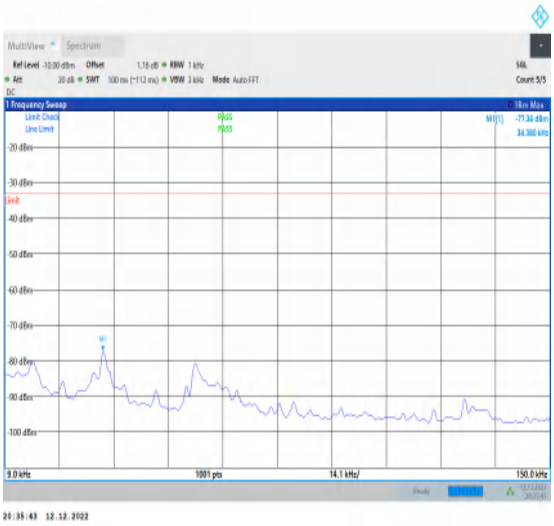

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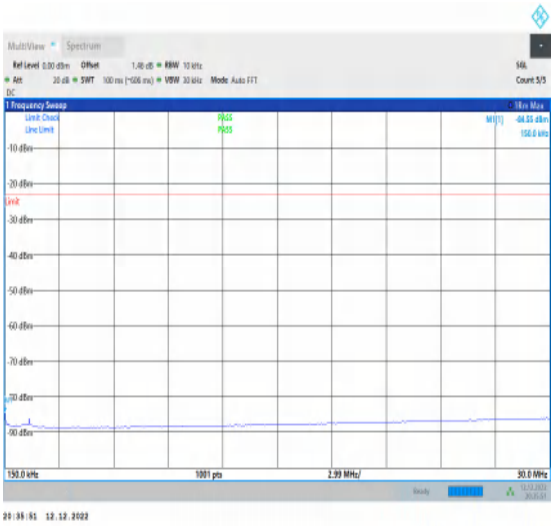

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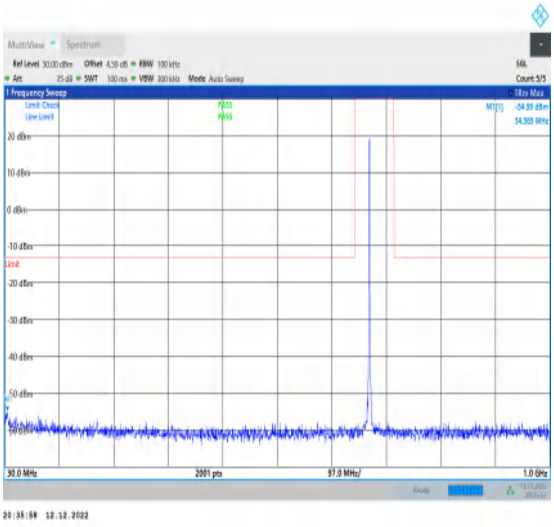

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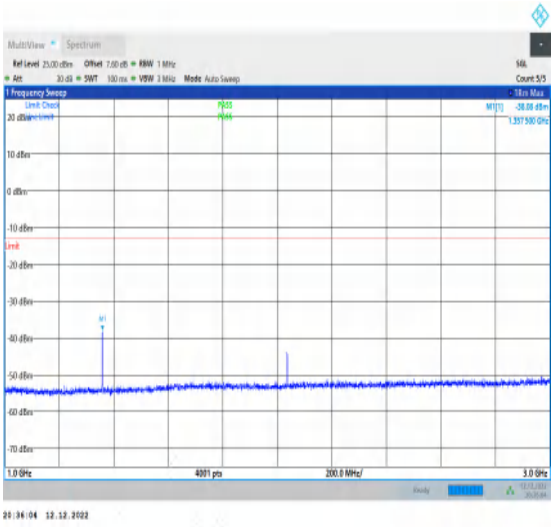

1-N71-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-1357.50--38.08--13-PASS

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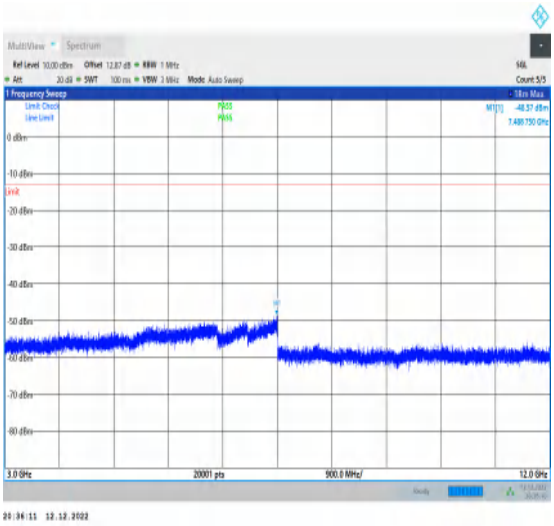	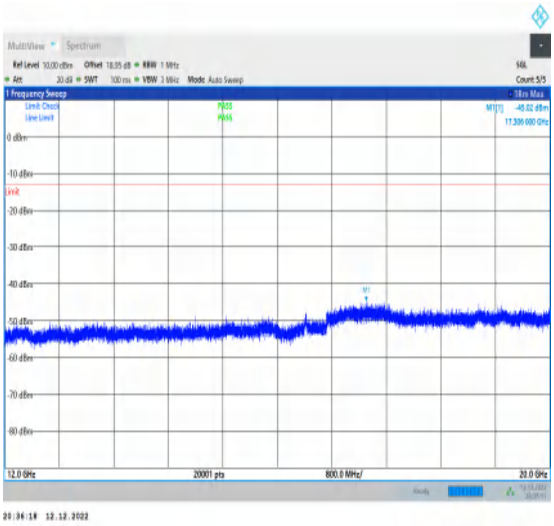
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Field Strength of Spurious Radiation

Test Band = SA Band 71 ANT2_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	45.27	-48.79	25.54	-73.23	-13.00	60.23	296	139	Horizontal
2	1992.27	43.42	-48.08	26.85	-73.07	-13.00	60.07	265	198	Horizontal
3	2656.36	42.82	-47.14	28.43	-71.15	-13.00	58.15	241	212	Horizontal
4	3320.45	41.95	-46.14	29.47	-69.98	-13.00	56.98	175	357	Horizontal
5	3984.54	42.31	-45.50	30.56	-67.89	-13.00	54.89	263	272	Horizontal
6	4648.63	39.50	-44.59	31.76	-68.59	-13.00	55.59	285	227	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Heigt [cm]	Angle [°]	Polarity
1	1328.18	44.98	-48.79	25.54	-73.52	-13.00	60.52	296	249	Vertical
2	1992.27	43.39	-48.08	26.85	-73.10	-13.00	60.10	265	57	Vertical
3	2656.36	42.67	-47.14	28.43	-71.30	-13.00	58.30	287	3	Vertical
4	3320.45	42.64	-46.14	29.47	-69.29	-13.00	56.29	254	188	Vertical
5	3984.54	41.67	-45.50	30.56	-68.53	-13.00	55.53	142	160	Vertical
6	4648.63	39.01	-44.59	31.76	-69.08	-13.00	56.08	263	359	Vertical

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Test Band = SA Band 71 ANT2_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	44.04	-48.78	25.51	-74.48	-13.00	61.48	296	34	Horizontal
2	2014.77	43.24	-48.05	26.93	-73.14	-13.00	60.14	285	316	Horizontal
3	2686.36	42.94	-47.08	28.53	-70.87	-13.00	57.87	241	227	Horizontal
4	3357.95	42.25	-46.21	29.46	-69.76	-13.00	56.76	142	316	Horizontal
5	4029.54	41.33	-45.47	30.65	-68.76	-13.00	55.76	255	0	Horizontal
6	4701.13	39.62	-44.55	31.88	-68.31	-13.00	55.31	286	271	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	44.17	-48.78	25.51	-74.35	-13.00	61.35	296	176	Vertical
2	2014.77	43.75	-48.05	26.93	-72.63	-13.00	59.63	265	219	Vertical
3	2686.36	43.81	-47.08	28.53	-70.00	-13.00	57.00	241	307	Vertical
4	3357.95	41.89	-46.21	29.46	-70.12	-13.00	57.12	174	145	Vertical
5	4029.54	41.77	-45.47	30.65	-68.32	-13.00	55.32	142	358	Vertical
6	4701.13	40.23	-44.55	31.88	-67.70	-13.00	54.70	258	3	Vertical

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Test Band = SA Band 71 ANT2_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	44.79	-48.76	25.48	-73.75	-13.00	60.75	296	81	Horizontal
2	2037.27	43.87	-48.01	26.98	-72.42	-13.00	59.42	284	273	Horizontal
3	2716.36	42.66	-47.00	28.64	-70.96	-13.00	57.96	255	0	Horizontal
4	3395.45	42.21	-46.27	29.44	-69.88	-13.00	56.88	225	1	Horizontal
5	4074.54	42.06	-45.43	30.72	-67.91	-13.00	54.91	362	110	Horizontal
6	4753.63	40.02	-44.58	32.01	-67.81	-13.00	54.81	287	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	44.44	-48.76	25.48	-74.10	-13.00	61.10	196	191	Vertical
2	2037.27	43.46	-48.01	26.98	-72.83	-13.00	59.83	255	248	Vertical
3	2716.36	42.91	-47.00	28.64	-70.71	-13.00	57.71	263	294	Vertical
4	3395.45	42.00	-46.27	29.44	-70.09	-13.00	57.09	201	219	Vertical
5	4074.54	41.48	-45.43	30.72	-68.49	-13.00	55.49	142	58	Vertical
6	4753.63	39.77	-44.58	32.01	-68.06	-13.00	55.06	268	132	Vertical

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Test Band = ENDC B66A_n71A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	35.83	-26.19	25.54	-60.08	-13.00	47.08	196	263	Horizontal
2	1992.27	36.32	-25.04	26.85	-57.13	-13.00	44.13	265	94	Horizontal
3	2656.36	37.72	-23.95	28.43	-53.05	-13.00	40.05	241	284	Horizontal
4	3320.45	42.39	-45.89	29.47	-69.29	-13.00	56.29	145	247	Horizontal
5	3984.54	41.88	-45.45	30.56	-68.27	-13.00	55.27	266	2	Horizontal
6	4648.63	39.51	-44.37	31.76	-68.36	-13.00	55.36	366	16	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	35.91	-26.19	25.54	-60.00	-13.00	47.00	296	3	Vertical
2	1992.27	36.34	-25.04	26.85	-57.11	-13.00	44.11	265	359	Vertical
3	2656.36	37.83	-23.95	28.43	-52.94	-13.00	39.94	241	352	Vertical
4	3320.45	42.31	-45.89	29.47	-69.37	-13.00	56.37	265	345	Vertical
5	3984.54	42.10	-45.45	30.56	-68.05	-13.00	55.05	201	110	Vertical
6	4648.63	38.37	-44.37	31.76	-69.50	-13.00	56.50	178	314	Vertical

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Test Band = ENDC B66A_n71A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	35.50	-26.11	25.51	-60.36	-13.00	47.36	296	75	Horizontal
2	2014.77	36.02	-25.01	26.93	-57.32	-13.00	44.32	265	255	Horizontal
3	2686.36	37.64	-23.88	28.53	-52.97	-13.00	39.97	241	32	Horizontal
4	3357.95	42.10	-45.91	29.46	-69.61	-13.00	56.61	185	357	Horizontal
5	4029.54	41.86	-45.32	30.65	-68.07	-13.00	55.07	254	278	Horizontal
6	4701.13	40.55	-44.26	31.88	-67.09	-13.00	54.09	145	62	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	36.14	-26.11	25.51	-59.72	-13.00	46.72	102	360	Vertical
2	2014.77	36.38	-25.01	26.93	-56.96	-13.00	43.96	296	199	Vertical
3	2686.36	37.81	-23.88	28.53	-52.80	-13.00	39.80	265	21	Vertical
4	3357.95	42.16	-45.91	29.46	-69.55	-13.00	56.55	241	211	Vertical
5	4029.54	40.94	-45.32	30.65	-68.99	-13.00	55.99	142	43	Vertical
6	4701.13	40.34	-44.26	31.88	-67.30	-13.00	54.30	263	278	Vertical

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Test Band = ENDC B66A_n71A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	35.79	-26.03	25.48	-60.02	-13.00	47.02	296	3	Horizontal
2	2037.27	36.17	-24.99	26.98	-57.10	-13.00	44.10	255	115	Horizontal
3	2716.36	37.54	-23.82	28.64	-52.91	-13.00	39.91	142	147	Horizontal
4	3395.45	43.10	-45.93	29.44	-68.65	-13.00	55.65	365	96	Horizontal
5	4074.54	42.30	-45.11	30.72	-67.35	-13.00	54.35	287	6	Horizontal
6	4753.63	39.87	-44.36	32.01	-67.74	-13.00	54.74	178	296	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	35.69	-26.03	25.48	-60.12	-13.00	47.12	196	3	Vertical
2	2037.27	36.55	-24.99	26.98	-56.72	-13.00	43.72	265	243	Vertical
3	2716.36	37.75	-23.82	28.64	-52.70	-13.00	39.70	284	94	Vertical
4	3395.45	42.49	-45.93	29.44	-69.26	-13.00	56.26	174	127	Vertical
5	4074.54	42.07	-45.11	30.72	-67.58	-13.00	54.58	145	26	Vertical
6	4753.63	40.28	-44.36	32.01	-67.33	-13.00	54.33	262	127	Vertical

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Test Band = n71A_n77A 3450M-3550M_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2449.7083	31.86	-24.14	27.80	-59.74	-13.00	46.74	196	241	Horizontal
2	3034.5417	31.40	-23.29	29.59	-57.56	-13.00	44.56	263	359	Horizontal
3	5777.6667	33.58	-16.35	33.49	-44.54	-13.00	31.54	285	345	Horizontal
4	7402.2708	49.03	-41.98	36.44	-51.77	-13.00	38.77	241	325	Horizontal
5	9617.4583	37.64	-37.76	38.54	-56.84	-13.00	43.84	145	216	Horizontal
6	13587.8333	34.33	-34.36	39.95	-55.33	-13.00	42.33	287	161	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2505.1667	32.15	-23.88	27.92	-59.07	-13.00	46.07	196	359	Vertical
2	3201.8333	31.76	-22.73	29.52	-56.71	-13.00	43.71	265	76	Vertical
3	5801.9583	30.99	-16.20	33.57	-46.91	-13.00	33.91	284	264	Vertical
4	7401.7917	49.05	-41.98	36.44	-51.75	-13.00	38.75	142	124	Vertical
5	11185.7708	33.58	-35.08	39.41	-57.35	-13.00	44.35	263	288	Vertical
6	13452.2292	35.12	-34.44	39.87	-54.71	-13.00	41.71	228	343	Vertical

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Test Band = n71A_n77A 3700M-3980M_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	31.72	-26.19	25.54	-64.19	-13.00	51.19	296	257	Horizontal
2	1992.27	31.17	-25.04	26.85	-62.28	-13.00	49.28	265	312	Horizontal
3	2656.36	31.10	-23.95	28.43	-59.67	-13.00	46.67	284	203	Horizontal
4	3320.45	31.13	-22.58	29.47	-57.24	-13.00	44.24	142	40	Horizontal
5	3984.54	28.97	-21.14	30.56	-56.86	-13.00	43.86	263	162	Horizontal
6	4648.63	27.66	-18.87	31.76	-54.71	-13.00	41.71	258	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	31.83	-26.19	25.54	-64.08	-13.00	51.08	201	360	Vertical
2	1992.27	31.71	-25.04	26.85	-61.74	-13.00	48.74	184	345	Vertical
3	2656.36	31.18	-23.95	28.43	-59.59	-13.00	46.59	156	307	Vertical
4	3320.45	30.50	-22.58	29.47	-57.87	-13.00	44.87	296	307	Vertical
5	3984.54	28.71	-21.14	30.56	-57.12	-13.00	44.12	285	200	Vertical
6	4648.63	27.68	-18.87	31.76	-54.69	-13.00	41.69	274	295	Vertical

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Test Band = n71A_n77A 3700M-3980M_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	31.55	-26.11	25.51	-64.31	-13.00	51.31	296	14	Horizontal
2	2014.77	32.05	-25.01	26.93	-61.29	-13.00	48.29	285	359	Horizontal
3	2686.36	31.54	-23.88	28.53	-59.06	-13.00	46.06	241	270	Horizontal
4	3357.95	30.03	-22.57	29.46	-58.35	-13.00	45.35	145	283	Horizontal
5	4029.54	28.68	-20.94	30.65	-56.87	-13.00	43.87	263	216	Horizontal
6	4701.13	28.52	-18.56	31.88	-53.42	-13.00	40.42	269	40	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	31.65	-26.11	25.51	-64.21	-13.00	51.21	285	102	Vertical
2	2014.77	31.24	-25.01	26.93	-62.10	-13.00	49.10	241	360	Vertical
3	2686.36	31.16	-23.88	28.53	-59.44	-13.00	46.44	142	359	Vertical
4	3357.95	30.19	-22.57	29.46	-58.19	-13.00	45.19	263	239	Vertical
5	4029.54	28.61	-20.94	30.65	-56.94	-13.00	43.94	296	360	Vertical
6	4701.13	28.27	-18.56	31.88	-53.67	-13.00	40.67	322	239	Vertical

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Test Band = n71A_n77A 3700M-3980M_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	32.11	-26.03	25.48	-63.70	-13.00	50.70	296	95	Horizontal
2	2037.27	30.71	-24.98	26.98	-62.56	-13.00	49.56	285	135	Horizontal
3	2716.36	31.00	-23.82	28.64	-59.45	-13.00	46.45	241	360	Horizontal
4	3395.45	30.11	-22.56	29.44	-58.27	-13.00	45.27	142	148	Horizontal
5	4074.54	27.98	-20.63	30.72	-57.19	-13.00	44.19	296	40	Horizontal
6	4753.63	29.13	-18.61	32.01	-52.73	-13.00	39.73	211	255	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	32.07	-26.03	25.48	-63.74	-13.00	50.74	296	71	Vertical
2	2037.27	30.46	-24.98	26.98	-62.81	-13.00	49.81	284	112	Vertical
3	2716.36	30.78	-23.82	28.64	-59.67	-13.00	46.67	174	129	Vertical
4	3395.45	29.87	-22.56	29.44	-58.51	-13.00	45.51	142	266	Vertical
5	4074.54	28.36	-20.63	30.72	-56.81	-13.00	43.81	255	143	Vertical
6	4753.63	28.17	-18.61	32.01	-53.69	-13.00	40.69	263	185	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-9.500000	-0.013960	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-11.000000	-0.016165	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-8.100000	-0.011903	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VH	NT	-2.800000	-0.004115	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VN	NT	-4.600000	-0.006760	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VL	NT	-1.000000	-0.001470	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	-40	-1.600000	-0.000617	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-11.100000	-0.016312	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-10.700000	-0.015724	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-12.200000	-0.017928	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-9.300000	-0.013666	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-10.800000	-0.015871	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-10.900000	-0.016018	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-8.500000	-0.012491	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-10.000000	-0.014695	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-10.200000	-0.014989	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	60	-2.400000	-0.000926	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	75	-2.100000	-0.000810	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-40	1.600000	0.000617	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-30	-3.400000	-0.004996	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-20	-3.400000	-0.004996	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-10	-1.200000	-0.001763	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	0	-5.300000	-0.007788	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	10	-5.900000	-0.008670	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	20	-5.700000	-0.008376	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	30	-4.400000	-0.006466	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	40	-1.300000	-0.001910	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	50	-3.800000	-0.005584	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	60	0.300000	0.000116	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	75	-1.800000	-0.000694	PASS

---End of Attachment---

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