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Appendix B.41

NR Band n70



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N70	15	5	DFT-QPSK	L	Inner_1RB_Left	22.98	24.28	30.00	PASS
N70	15	5	DFT-16QAM	L	Inner_1RB_Left	22.02	23.32	30.00	PASS
N70	15	5	DFT-QPSK	M	Inner_1RB_Left	23.04	24.34	30.00	PASS
N70	15	5	DFT-16QAM	M	Inner_1RB_Left	21.94	23.24	30.00	PASS
N70	15	5	DFT-QPSK	H	Inner_1RB_Left	22.97	24.27	30.00	PASS
N70	15	5	DFT-16QAM	H	Inner_1RB_Left	21.84	23.14	30.00	PASS
N70	15	10	DFT-QPSK	L	Inner_1RB_Left	23.07	24.37	30.00	PASS
N70	15	10	DFT-16QAM	L	Inner_1RB_Left	22.02	23.32	30.00	PASS
N70	15	10	DFT-QPSK	M	Inner_1RB_Left	23.01	24.31	30.00	PASS
N70	15	10	DFT-16QAM	M	Inner_1RB_Left	22.03	23.33	30.00	PASS
N70	15	10	DFT-QPSK	H	Inner_1RB_Left	22.13	23.43	30.00	PASS
N70	15	10	DFT-16QAM	H	Inner_1RB_Left	21.96	23.26	30.00	PASS
N70	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.15	24.45	30.00	PASS
N70	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.14	24.44	30.00	PASS
N70	15	15	DFT-PI2BPSK	L	Outer_Full	22.64	23.94	30.00	PASS
N70	15	15	DFT-QPSK	L	Inner_1RB_Left	23.05	24.35	30.00	PASS
N70	15	15	DFT-QPSK	L	Inner_1RB_Right	23.09	24.39	30.00	PASS
N70	15	15	DFT-QPSK	L	Outer_Full	22.14	23.44	30.00	PASS
N70	15	15	DFT-16QAM	L	Inner_1RB_Left	22.05	23.35	30.00	PASS
N70	15	15	DFT-16QAM	L	Inner_1RB_Right	22.1	23.4	30.00	PASS
N70	15	15	DFT-16QAM	L	Outer_Full	21.18	22.48	30.00	PASS
N70	15	15	DFT-64QAM	L	Inner_1RB_Left	20.9	22.2	30.00	PASS
N70	15	15	DFT-64QAM	L	Inner_1RB_Right	20.92	22.22	30.00	PASS
N70	15	15	DFT-64QAM	L	Outer_Full	20.67	21.97	30.00	PASS
N70	15	15	DFT-256QAM	L	Inner_1RB_Left	18.13	19.43	30.00	PASS
N70	15	15	DFT-256QAM	L	Inner_1RB_Right	18.09	19.39	30.00	PASS
N70	15	15	DFT-256QAM	L	Outer_Full	18.57	19.87	30.00	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
N70	15	15	DFT-256QAM	L	Outer_Full	100%	0.00	8.85	≤13	PASS
N70	15	15	CP-256QAM	L	Outer_Full	100%	0.00	9.41	≤13	PASS
N70	15	15	DFT-256QAM	M	Outer_Full	100%	0.00	8.89	≤13	PASS
N70	15	15	CP-256QAM	M	Outer_Full	100%	0.00	9.47	≤13	PASS
N70	15	15	DFT-256QAM	H	Outer_Full	100%	0.00	8.83	≤13	PASS
N70	15	15	CP-256QAM	H	Outer_Full	100%	0.00	9.54	≤13	PASS



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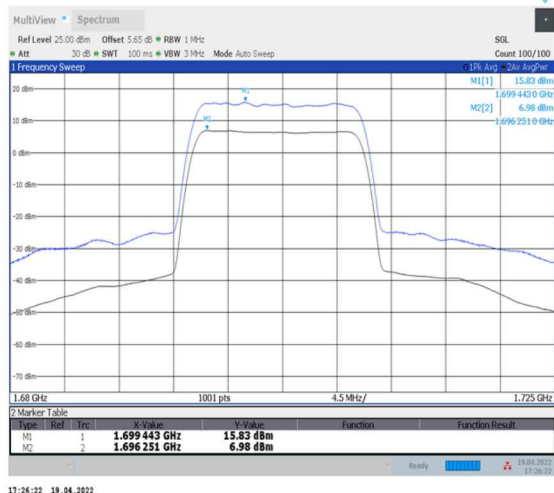
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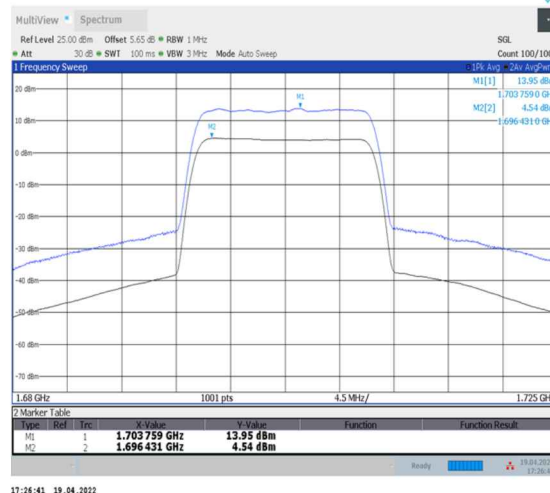
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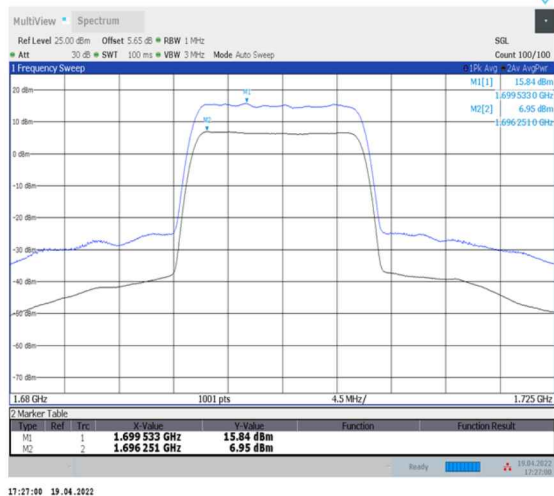
Test Graphs



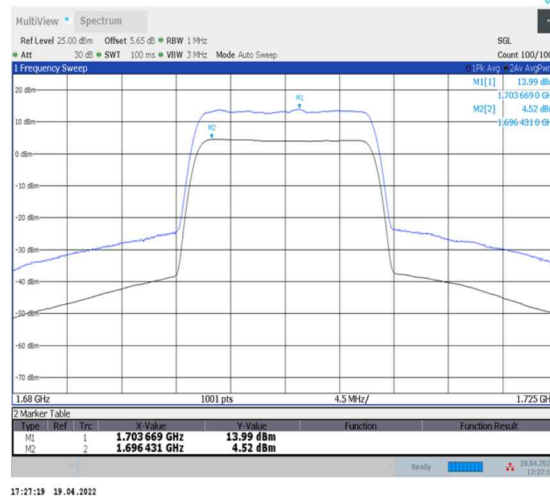
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Ant2-8.85-100%-0.00-8.85-PASS-≤13



1-N70--15-15-L-2-CP-256QAM-Outer_Full-79@0-
Ant2-9.41-100%-0.00-9.41-PASS-≤13



1-N70--15-15-M-1-DFT-256QAM-Outer_Full-75@0-
Ant2-8.89-100%-0.00-8.89-PASS-≤13



1-N70--15-15-M-2-CP-256QAM-Outer_Full-79@0-
Ant2-9.47-100%-0.00-9.47-PASS-≤13



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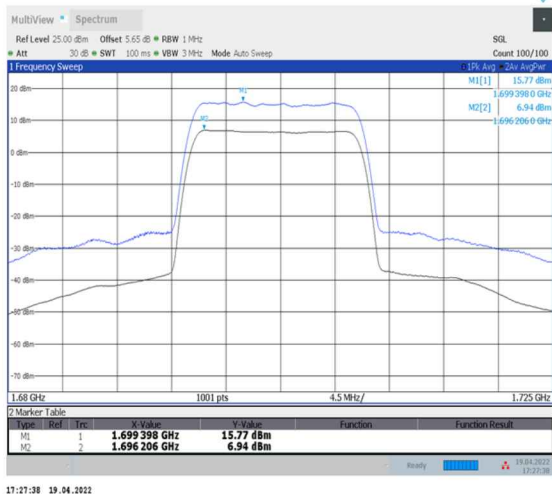
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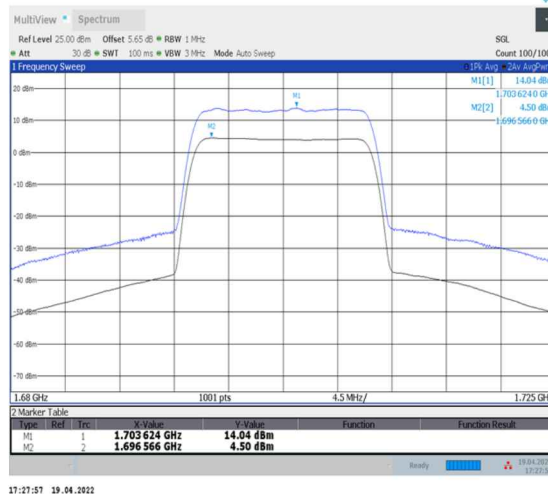
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1-N70--15-15-H-1-DFT-256QAM-Outer_Full-75@0-
Ant2-8.83-100%-0.00-8.83-PASS-≤13



1-N70--15-15-H-2-CP-256QAM-Outer_Full-79@0-
Ant2-9.54-100%-0.00-9.54-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
N70	15	5	DFT-QPSK	L	Outer_Full	4.491	5.070	PASS
N70	15	5	DFT-PI2BPSK	L	Outer_Full	4.466	5.120	PASS
N70	15	5	DFT-16QAM	L	Outer_Full	4.483	5.120	PASS
N70	15	5	DFT-64QAM	L	Outer_Full	4.491	5.080	PASS
N70	15	5	DFT-256QAM	L	Outer_Full	4.481	5.090	PASS
N70	15	5	CP-QPSK	L	Outer_Full	4.478	5.110	PASS
N70	15	5	CP-16QAM	L	Outer_Full	4.478	5.230	PASS
N70	15	5	CP-64QAM	L	Outer_Full	4.484	5.250	PASS
N70	15	5	CP-256QAM	L	Outer_Full	4.494	5.200	PASS
N70	15	5	DFT-QPSK	M	Outer_Full	4.487	5.030	PASS
N70	15	5	DFT-PI2BPSK	M	Outer_Full	4.468	5.120	PASS
N70	15	5	DFT-16QAM	M	Outer_Full	4.478	5.050	PASS
N70	15	5	DFT-64QAM	M	Outer_Full	4.484	5.120	PASS
N70	15	5	DFT-256QAM	M	Outer_Full	4.481	5.140	PASS
N70	15	5	CP-QPSK	M	Outer_Full	4.471	5.100	PASS
N70	15	5	CP-16QAM	M	Outer_Full	4.489	5.220	PASS
N70	15	5	CP-64QAM	M	Outer_Full	4.493	5.350	PASS
N70	15	5	CP-256QAM	M	Outer_Full	4.492	5.160	PASS
N70	15	5	DFT-QPSK	H	Outer_Full	4.476	4.980	PASS
N70	15	5	DFT-PI2BPSK	H	Outer_Full	4.479	5.160	PASS
N70	15	5	DFT-16QAM	H	Outer_Full	4.475	5.050	PASS
N70	15	5	DFT-64QAM	H	Outer_Full	4.479	5.110	PASS
N70	15	5	DFT-256QAM	H	Outer_Full	4.492	5.150	PASS
N70	15	5	CP-QPSK	H	Outer_Full	4.489	5.170	PASS
N70	15	5	CP-16QAM	H	Outer_Full	4.487	5.140	PASS
N70	15	5	CP-64QAM	H	Outer_Full	4.485	5.230	PASS
N70	15	5	CP-256QAM	H	Outer_Full	4.492	5.170	PASS
N70	15	10	DFT-QPSK	L	Outer_Full	8.952	9.720	PASS
N70	15	10	DFT-PI2BPSK	L	Outer_Full	8.937	9.820	PASS
N70	15	10	DFT-16QAM	L	Outer_Full	8.950	9.700	PASS
N70	15	10	DFT-64QAM	L	Outer_Full	8.942	9.700	PASS



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N70	15	10	DFT-256QAM	L	Outer_Full	8.942	9.640	PASS
N70	15	10	CP-QPSK	L	Outer_Full	9.331	10.400	PASS
N70	15	10	CP-16QAM	L	Outer_Full	9.304	10.180	PASS
N70	15	10	CP-64QAM	L	Outer_Full	9.312	10.300	PASS
N70	15	10	CP-256QAM	L	Outer_Full	9.298	10.140	PASS
N70	15	10	DFT-QPSK	M	Outer_Full	8.955	9.700	PASS
N70	15	10	DFT-PI2BPSK	M	Outer_Full	8.933	9.780	PASS
N70	15	10	DFT-16QAM	M	Outer_Full	8.958	9.720	PASS
N70	15	10	DFT-64QAM	M	Outer_Full	8.956	9.760	PASS
N70	15	10	DFT-256QAM	M	Outer_Full	8.960	9.800	PASS
N70	15	10	CP-QPSK	M	Outer_Full	9.321	10.300	PASS
N70	15	10	CP-16QAM	M	Outer_Full	9.305	10.300	PASS
N70	15	10	CP-64QAM	M	Outer_Full	9.320	10.380	PASS
N70	15	10	CP-256QAM	M	Outer_Full	9.303	10.180	PASS
N70	15	10	DFT-QPSK	H	Outer_Full	8.958	9.720	PASS
N70	15	10	DFT-PI2BPSK	H	Outer_Full	8.952	9.920	PASS
N70	15	10	DFT-16QAM	H	Outer_Full	8.959	9.640	PASS
N70	15	10	DFT-64QAM	H	Outer_Full	8.946	9.760	PASS
N70	15	10	DFT-256QAM	H	Outer_Full	8.946	9.680	PASS
N70	15	10	CP-QPSK	H	Outer_Full	9.319	10.260	PASS
N70	15	10	CP-16QAM	H	Outer_Full	9.299	10.220	PASS
N70	15	10	CP-64QAM	H	Outer_Full	9.326	10.320	PASS
N70	15	10	CP-256QAM	H	Outer_Full	9.315	10.220	PASS
N70	15	15	DFT-QPSK	L	Outer_Full	13.505	14.460	PASS
N70	15	15	DFT-PI2BPSK	L	Outer_Full	13.425	14.490	PASS
N70	15	15	DFT-16QAM	L	Outer_Full	13.460	14.550	PASS
N70	15	15	DFT-64QAM	L	Outer_Full	13.425	14.490	PASS
N70	15	15	DFT-256QAM	L	Outer_Full	13.446	14.580	PASS
N70	15	15	CP-QPSK	L	Outer_Full	14.134	15.270	PASS
N70	15	15	CP-16QAM	L	Outer_Full	14.137	15.240	PASS
N70	15	15	CP-64QAM	L	Outer_Full	14.152	15.180	PASS
N70	15	15	CP-256QAM	L	Outer_Full	14.147	15.240	PASS
N70	15	15	DFT-QPSK	M	Outer_Full	13.505	14.490	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	13.427	14.460	PASS
N70	15	15	DFT-16QAM	M	Outer_Full	13.459	14.550	PASS
N70	15	15	DFT-64QAM	M	Outer_Full	13.426	14.490	PASS
N70	15	15	DFT-256QAM	M	Outer_Full	13.441	14.520	PASS
N70	15	15	CP-QPSK	M	Outer_Full	14.144	15.270	PASS



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N70	15	15	CP-16QAM	M	Outer_Full	14.137	15.240	PASS
N70	15	15	CP-64QAM	M	Outer_Full	14.153	15.210	PASS
N70	15	15	CP-256QAM	M	Outer_Full	14.148	15.210	PASS
N70	15	15	DFT-QPSK	H	Outer_Full	13.507	14.460	PASS
N70	15	15	DFT-PI2BPSK	H	Outer_Full	13.425	14.490	PASS
N70	15	15	DFT-16QAM	H	Outer_Full	13.456	14.550	PASS
N70	15	15	DFT-64QAM	H	Outer_Full	13.426	14.490	PASS
N70	15	15	DFT-256QAM	H	Outer_Full	13.445	14.580	PASS
N70	15	15	CP-QPSK	H	Outer_Full	14.134	15.270	PASS
N70	15	15	CP-16QAM	H	Outer_Full	14.135	15.240	PASS
N70	15	15	CP-64QAM	H	Outer_Full	14.154	15.150	PASS
N70	15	15	CP-256QAM	H	Outer_Full	14.146	15.270	PASS



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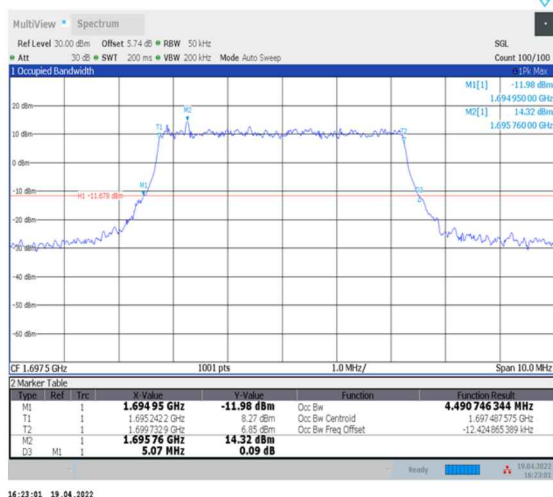
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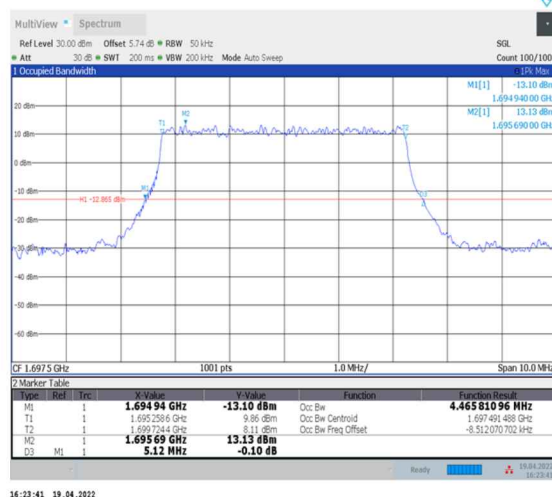
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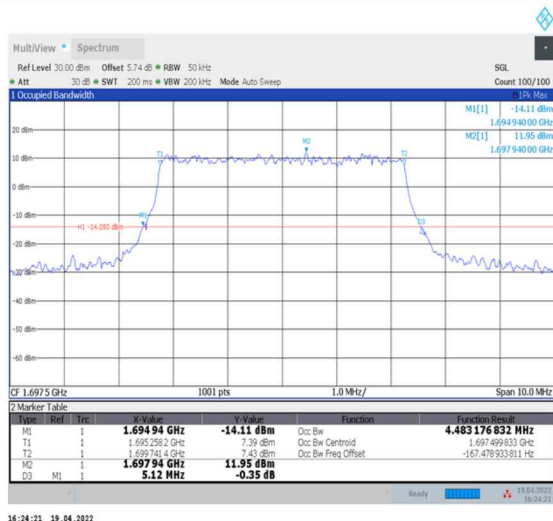
Test Graphs



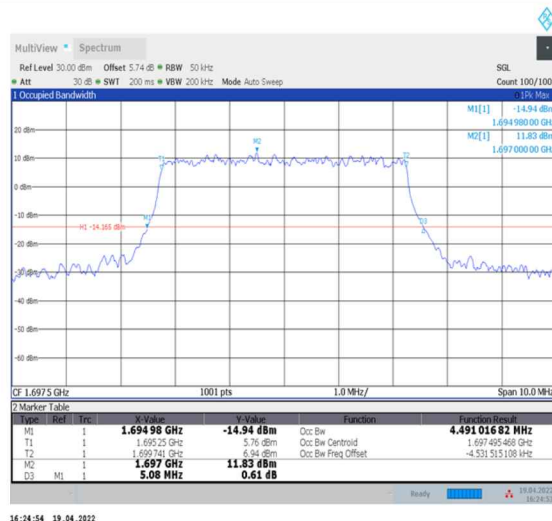
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1-N70--15-5-L-2-DFT-PI2BPSK-Outer_Full-25@0-Ant2-4.466-5.120-≤5-PASS



1-N70--15-5-L-3-DFT-16QAM-Outer_Full-25@0-Ant2-4.483-5.120-≤5-PASS



1-N70--15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant2-4.491-5.080-≤5-PASS



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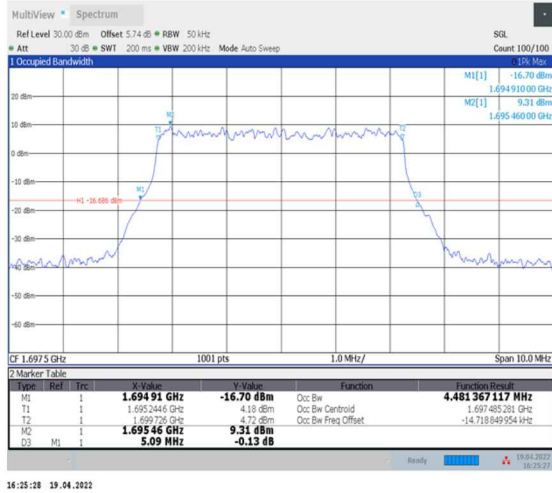
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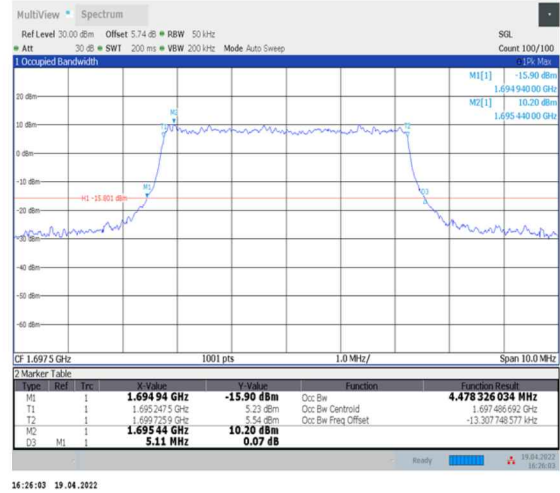
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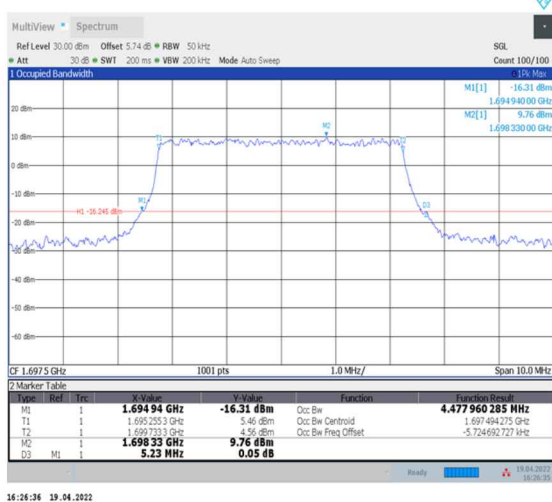
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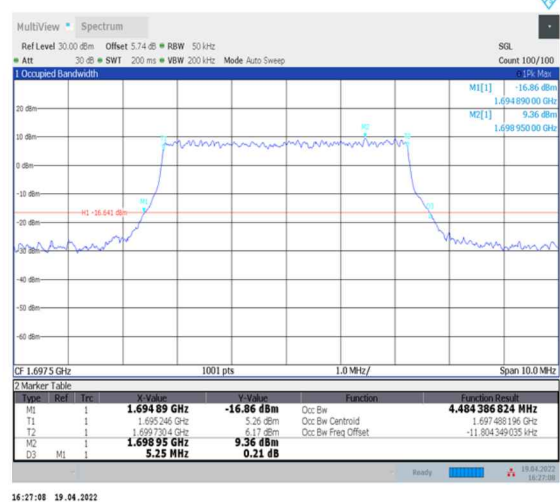
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1-N70--15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant2-4.478-5.230-≤5-PASS



1-N70--15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant2-4.484-5.250-≤5-PASS



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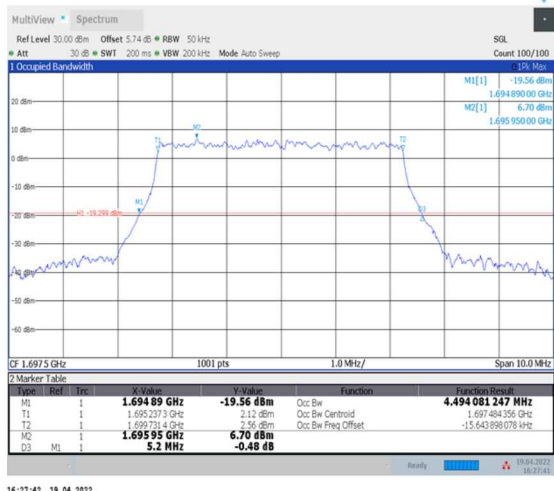
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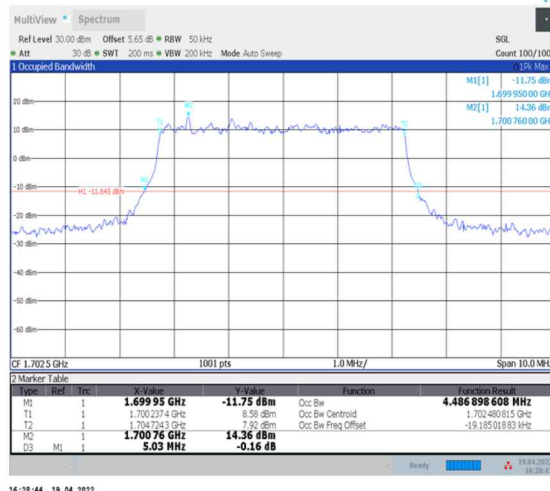
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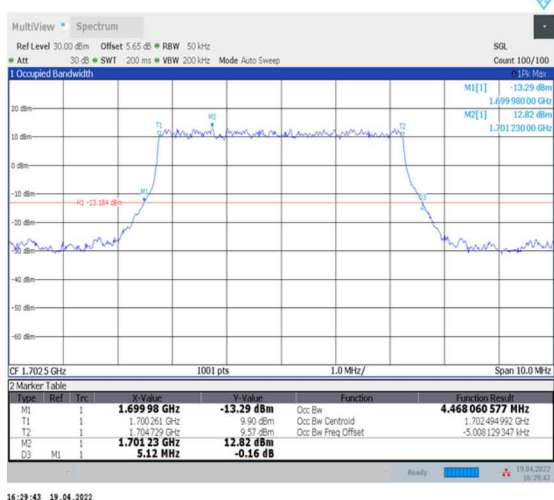
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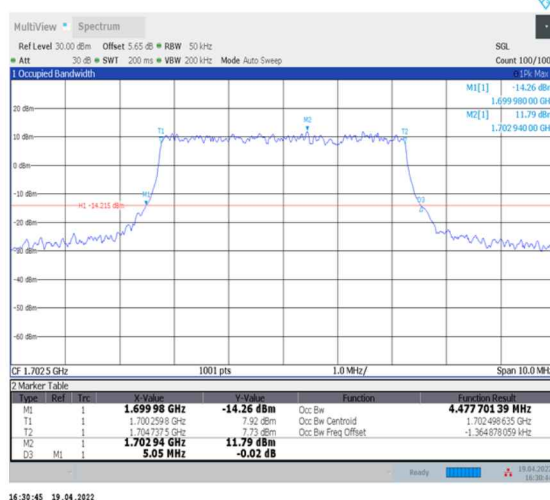
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Ant2-4.478-5.050-≤5-PASS



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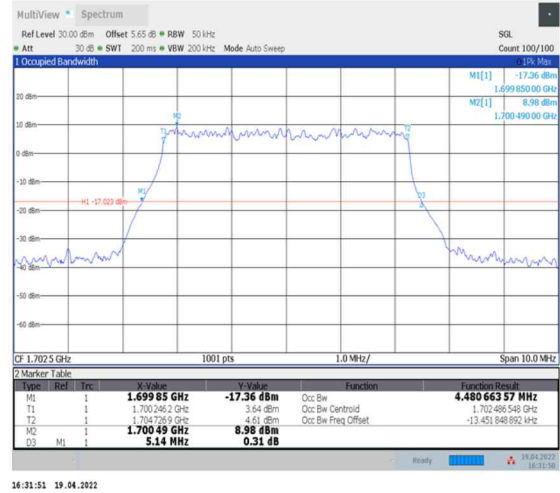
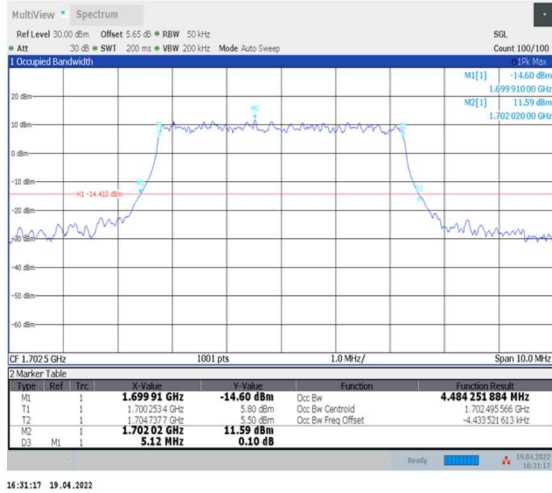
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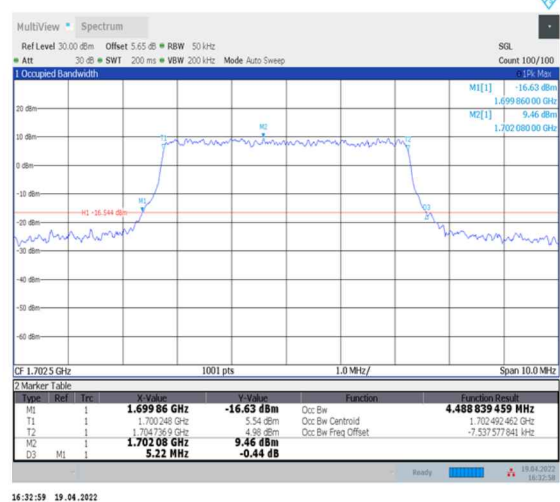
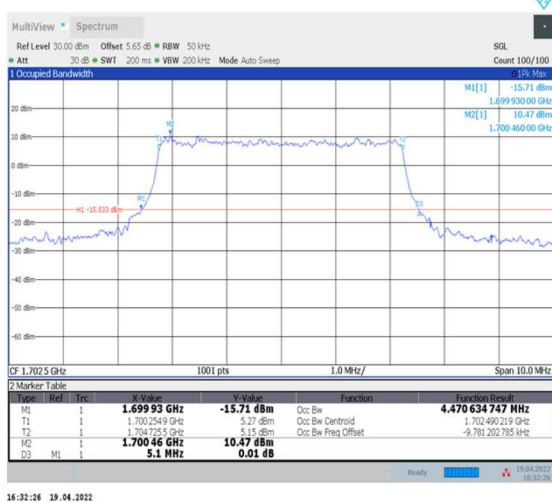
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1-N70--15-5-M-4-DFT-64QAM-Outer_Full-25@0-
Ant2-4.484-5.120-≤5-PASS

1-N70--15-5-M-5-DFT-256QAM-Outer_Full-25@0-
Ant2-4.481-5.140-≤5-PASS



1-N70--15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant2-
4.471-5.100-≤5-PASS

1-N70--15-5-M-7-CP-16QAM-Outer_Full-25@0-
Ant2-4.489-5.220-≤5-PASS



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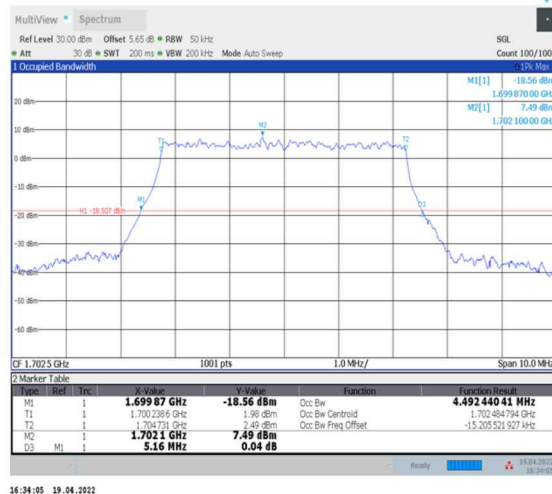
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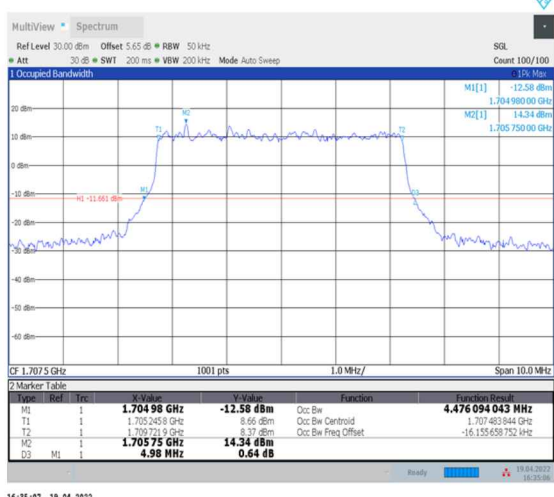
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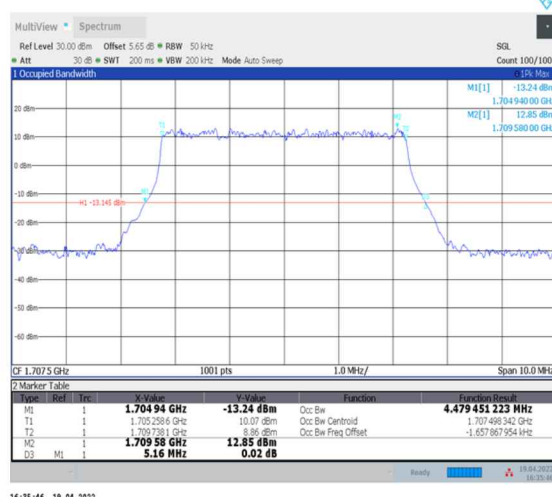
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