Appendix B.39

NR Band n70

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Effective (Isotropic) Radiated Power Output Data for SA

Test ResultAnt7

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N70	15	5	DFT-QPSK	L	1@1	23.37	23.70	30.00	PASS
N70	15	5	DFT-16QAM	L	1@1	22.88	23.21	30.00	PASS
N70	15	5	DFT-QPSK	M	1@1	23.48	23.81	30.00	PASS
N70	15	5	DFT-16QAM	M	1@1	22.89	23.22	30.00	PASS
N70	15	5	DFT-QPSK	H	1@1	23.50	23.83	30.00	PASS
N70	15	5	DFT-16QAM	H	1@1	22.95	23.28	30.00	PASS
N70	15	10	DFT-QPSK	L	1@1	23.38	23.71	30.00	PASS
N70	15	10	DFT-16QAM	L	1@1	22.88	23.21	30.00	PASS
N70	15	10	DFT-QPSK	M	1@1	23.42	23.75	30.00	PASS
N70	15	10	DFT-16QAM	M	1@1	22.80	23.13	30.00	PASS
N70	15	10	DFT-QPSK	H	1@1	23.47	23.80	30.00	PASS
N70	15	10	DFT-16QAM	H	1@1	22.87	23.20	30.00	PASS
N70	15	15	DFT-PI2BPSK	L	1@1	23.26	23.59	30.00	PASS
N70	15	15	DFT-PI2BPSK	L	1@77	23.50	23.83	30.00	PASS
N70	15	15	DFT-PI2BPSK	L	75@0	22.95	23.28	30.00	PASS
N70	15	15	DFT-QPSK	L	1@1	23.44	23.77	30.00	PASS
N70	15	15	DFT-QPSK	L	1@77	23.58	23.91	30.00	PASS
N70	15	15	DFT-QPSK	L	75@0	22.99	23.32	30.00	PASS
N70	15	15	DFT-16QAM	L	1@1	22.88	23.21	30.00	PASS
N70	15	15	DFT-16QAM	L	1@77	23.11	23.44	30.00	PASS
N70	15	15	DFT-16QAM	L	75@0	21.93	22.26	30.00	PASS
N70	15	15	DFT-64QAM	L	1@1	21.14	21.47	30.00	PASS
N70	15	15	DFT-64QAM	L	1@77	21.37	21.70	30.00	PASS
N70	15	15	DFT-64QAM	L	75@0	21.35	21.68	30.00	PASS
N70	15	15	DFT-256QAM	L	1@1	19.24	19.57	30.00	PASS
N70	15	15	DFT-256QAM	L	1@77	19.44	19.77	30.00	PASS
N70	15	15	DFT-256QAM	L	75@0	19.45	19.78	30.00	PASS
N70	15	15	DFT-	M	1@1	23.30	23.63	30.00	PASS

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			PI2BPSK						
N70	15	15	DFT-PI2BPSK	M	1@77	23.53	23.86	30.00	PASS
N70	15	15	DFT-PI2BPSK	M	75@0	22.99	23.32	30.00	PASS
N70	15	15	DFT-QPSK	M	1@1	23.41	23.74	30.00	PASS
N70	15	15	DFT-QPSK	M	1@77	23.58	23.91	30.00	PASS
N70	15	15	DFT-QPSK	M	75@0	22.91	23.24	30.00	PASS
N70	15	15	DFT-16QAM	M	1@1	22.84	23.17	30.00	PASS
N70	15	15	DFT-16QAM	M	1@77	23.07	23.40	30.00	PASS
N70	15	15	DFT-16QAM	M	75@0	21.95	22.28	30.00	PASS
N70	15	15	DFT-64QAM	M	1@1	21.16	21.49	30.00	PASS
N70	15	15	DFT-64QAM	M	1@77	21.32	21.65	30.00	PASS
N70	15	15	DFT-64QAM	M	75@0	21.41	21.74	30.00	PASS
N70	15	15	DFT-256QAM	M	1@1	19.23	19.56	30.00	PASS
N70	15	15	DFT-256QAM	M	1@77	19.46	19.79	30.00	PASS
N70	15	15	DFT-256QAM	M	75@0	19.36	19.69	30.00	PASS
N70	15	15	DFT-PI2BPSK	H	1@1	23.32	23.65	30.00	PASS
N70	15	15	DFT-PI2BPSK	H	1@77	23.52	23.85	30.00	PASS
N70	15	15	DFT-PI2BPSK	H	75@0	22.97	23.30	30.00	PASS
N70	15	15	DFT-QPSK	H	1@1	23.43	23.76	30.00	PASS
N70	15	15	DFT-QPSK	H	1@77	23.61	23.94	30.00	PASS
N70	15	15	DFT-QPSK	H	75@0	22.97	23.30	30.00	PASS
N70	15	15	DFT-16QAM	H	1@1	22.83	23.16	30.00	PASS
N70	15	15	DFT-16QAM	H	1@77	23.08	23.41	30.00	PASS
N70	15	15	DFT-16QAM	H	75@0	21.99	22.32	30.00	PASS
N70	15	15	DFT-64QAM	H	1@1	21.17	21.50	30.00	PASS
N70	15	15	DFT-64QAM	H	1@77	21.42	21.75	30.00	PASS
N70	15	15	DFT-64QAM	H	75@0	21.44	21.77	30.00	PASS
N70	15	15	DFT-256QAM	H	1@1	19.15	19.48	30.00	PASS
N70	15	15	DFT-256QAM	H	1@77	19.41	19.74	30.00	PASS
N70	15	15	DFT-256QAM	H	75@0	19.43	19.76	30.00	PASS

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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant0 （dBm）	Power Ant7 （dBm）	Total Power （dBm）	EIRP （dBm）	Limit （dBm）	Verdict
N70	15	5	DFT-QPSK	L	Inner_1RB_Left	20.88	18.47	22.85	23.18	30.00	PASS
N70	15	5	DFT-16QAM	L	Inner_1RB_Left	20.38	17.51	22.19	22.52	30.00	PASS
N70	15	5	DFT-QPSK	M	Inner_1RB_Left	20.76	18.21	22.68	23.01	30.00	PASS
N70	15	5	DFT-16QAM	M	Inner_1RB_Left	20.23	17.26	22.00	22.33	30.00	PASS
N70	15	5	DFT-QPSK	H	Inner_1RB_Left	20.88	18.05	22.70	23.03	30.00	PASS
N70	15	5	DFT-16QAM	H	Inner_1RB_Left	20.16	17.07	21.89	22.22	30.00	PASS
N70	15	10	DFT-QPSK	L	Inner_1RB_Left	20.73	18.28	22.69	23.02	30.00	PASS
N70	15	10	DFT-16QAM	L	Inner_1RB_Left	20.06	17.03	21.81	22.14	30.00	PASS
N70	15	10	DFT-QPSK	M	Inner_1RB_Left	20.64	18.07	22.55	22.88	30.00	PASS
N70	15	10	DFT-16QAM	M	Inner_1RB_Left	20.23	17.31	22.02	22.35	30.00	PASS
N70	15	10	DFT-QPSK	H	Inner_1RB_Left	20.69	18.13	22.61	22.94	30.00	PASS
N70	15	10	DFT-16QAM	H	Inner_1RB_Left	20.13	17.27	21.94	22.27	30.00	PASS
N70	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	20.77	18.37	22.74	23.07	30.00	PASS
N70	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	20.96	17.74	22.65	22.98	30.00	PASS
N70	15	15	DFT-	M	Outer_Full	19.87	17.23	21.76	22.09	30.00	PAS

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			PI2BPSK								S
N70	15	15	DFT-QPSK	M	Inner_1RB_Left	20.76	18.31	22.72	23.05	30.00	PASS
N70	15	15	DFT-QPSK	M	Inner_1RB_Right	20.95	17.78	22.66	22.99	30.00	PASS
N70	15	15	DFT-QPSK	M	Outer_Full	19.78	17.25	21.71	22.04	30.00	PASS
N70	15	15	DFT-16QAM	M	Inner_1RB_Left	19.79	17.41	21.77	22.1	30.00	PASS
N70	15	15	DFT-16QAM	M	Inner_1RB_Right	20.00	16.96	21.75	22.08	30.00	PASS
N70	15	15	DFT-16QAM	M	Outer_Full	18.89	16.36	20.82	21.15	30.00	PASS
N70	15	15	DFT-64QAM	M	Inner_1RB_Left	18.18	15.83	20.17	20.5	30.00	PASS
N70	15	15	DFT-64QAM	M	Inner_1RB_Right	18.42	15.37	20.17	20.5	30.00	PASS
N70	15	15	DFT-64QAM	M	Outer_Full	18.35	15.65	20.22	20.55	30.00	PASS
N70	15	15	DFT-256QAM	M	Inner_1RB_Left	16.43	13.89	18.35	18.68	30.00	PASS
N70	15	15	DFT-256QAM	M	Inner_1RB_Right	16.59	13.44	18.30	18.63	30.00	PASS
N70	15	15	DFT-256QAM	M	Outer_Full	16.46	13.75	18.32	18.65	30.00	PASS

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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

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	8.81	≤13	PASS
N70	15	15	CP-256QAM	L	Outer_Full	100%	0.00	9.64	≤13	PASS
N70	15	15	DFT-256QAM	M	Outer_Full	100%	0.00	8.83	≤13	PASS
N70	15	15	CP-256QAM	M	Outer_Full	100%	0.00	9.67	≤13	PASS
N70	15	15	DFT-256QAM	H	Outer_Full	100%	0.00	8.89	≤13	PASS
N70	15	15	CP-256QAM	H	Outer_Full	100%	0.00	9.72	≤13	PASS

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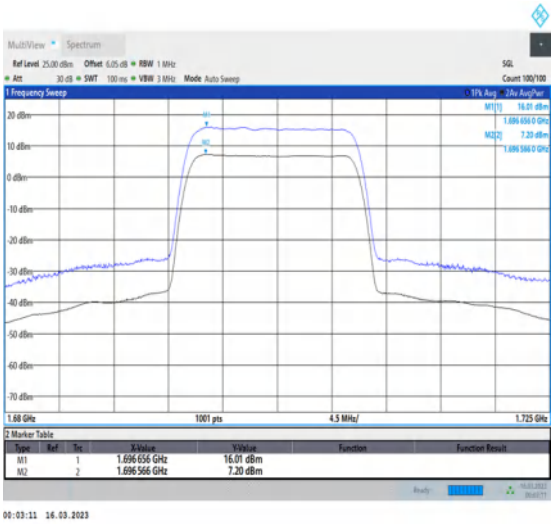
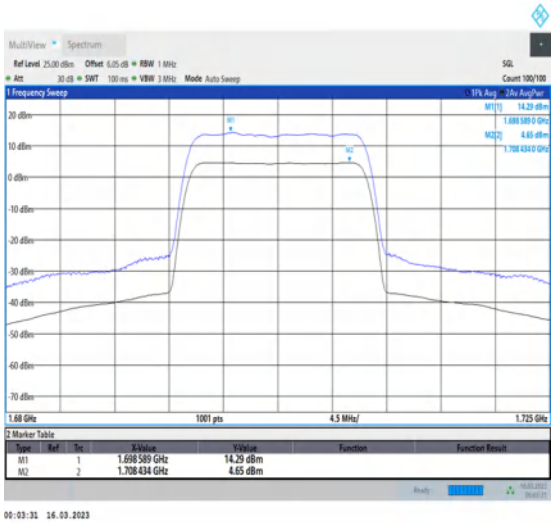
Test Graphs



1-N70-PC3-15-15-L-1-DFT-256QAM-Outer_Full-75@0-Ant7-8.81-100%-0.00-8.81-PASS-≤13



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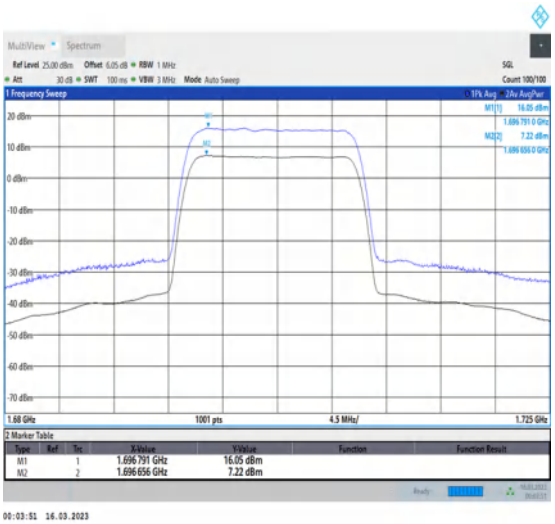

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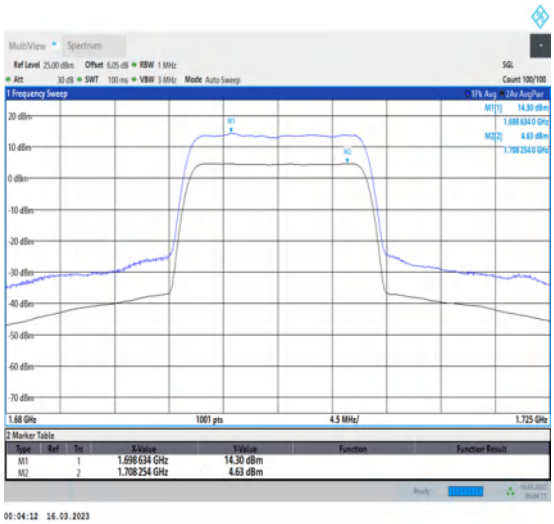

1-N70-PC3-15-15-M-2-CP-256QAM-Outer_Full-79@0-Ant7-9.67-100%-0.00-9.67-PASS-≤13

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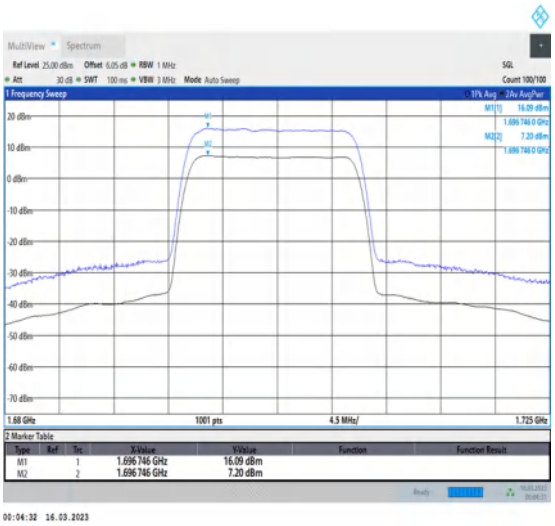	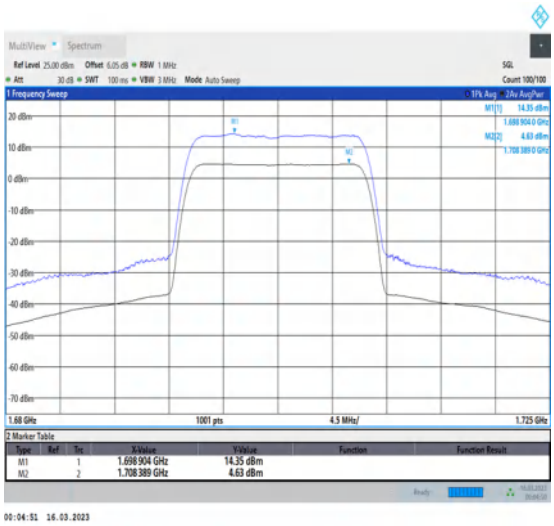
1-N70-PC3-15-15-H-1-DFT-256QAM-Outer_Full-75@0-Ant7-8.89-100%-0.00-8.89-PASS-≤13	1-N70-PC3-15-15-H-2-CP-256QAM-Outer_Full-79@0-Ant7-9.72-100%-0.00-9.72-PASS-≤13

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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	4.469	4.810	PASS
N70	15	5	DFT-PI2BPSK	L	Outer_Full	4.47	4.810	PASS
N70	15	5	DFT-16QAM	L	Outer_Full	4.464	4.840	PASS
N70	15	5	DFT-64QAM	L	Outer_Full	4.471	4.770	PASS
N70	15	5	DFT-256QAM	L	Outer_Full	4.466	4.830	PASS
N70	15	5	CP-QPSK	L	Outer_Full	4.467	4.820	PASS
N70	15	5	CP-16QAM	L	Outer_Full	4.465	4.810	PASS
N70	15	5	CP-64QAM	L	Outer_Full	4.469	4.780	PASS
N70	15	5	CP-256QAM	L	Outer_Full	4.466	4.780	PASS
N70	15	5	DFT-QPSK	M	Outer_Full	4.454	4.820	PASS
N70	15	5	DFT-PI2BPSK	M	Outer_Full	4.477	4.830	PASS
N70	15	5	DFT-16QAM	M	Outer_Full	4.463	4.810	PASS
N70	15	5	DFT-64QAM	M	Outer_Full	4.463	4.790	PASS
N70	15	5	DFT-256QAM	M	Outer_Full	4.454	4.800	PASS
N70	15	5	CP-QPSK	M	Outer_Full	4.465	4.870	PASS
N70	15	5	CP-16QAM	M	Outer_Full	4.469	4.860	PASS
N70	15	5	CP-64QAM	M	Outer_Full	4.466	4.830	PASS
N70	15	5	CP-256QAM	M	Outer_Full	4.471	4.820	PASS
N70	15	5	DFT-QPSK	H	Outer_Full	4.466	4.790	PASS
N70	15	5	DFT-PI2BPSK	H	Outer_Full	4.467	4.780	PASS
N70	15	5	DFT-16QAM	H	Outer_Full	4.467	4.800	PASS
N70	15	5	DFT-64QAM	H	Outer_Full	4.456	4.790	PASS
N70	15	5	DFT-256QAM	H	Outer_Full	4.462	4.750	PASS
N70	15	5	CP-QPSK	H	Outer_Full	4.463	4.830	PASS
N70	15	5	CP-16QAM	H	Outer_Full	4.47	4.850	PASS
N70	15	5	CP-64QAM	H	Outer_Full	4.476	4.790	PASS
N70	15	5	CP-256QAM	H	Outer_Full	4.474	4.840	PASS
N70	15	10	DFT-QPSK	L	Outer_Full	8.903	9.420	PASS
N70	15	10	DFT-PI2BPSK	L	Outer_Full	8.909	9.420	PASS
N70	15	10	DFT-16QAM	L	Outer_Full	8.907	9.380	PASS

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N70	15	10	DFT-64QAM	L	Outer_Full	8.911	9.400	PASS
N70	15	10	DFT-256QAM	L	Outer_Full	8.909	9.360	PASS
N70	15	10	CP-QPSK	L	Outer_Full	9.274	9.800	PASS
N70	15	10	CP-16QAM	L	Outer_Full	9.27	9.740	PASS
N70	15	10	CP-64QAM	L	Outer_Full	9.276	9.780	PASS
N70	15	10	CP-256QAM	L	Outer_Full	9.289	9.800	PASS
N70	15	10	DFT-QPSK	M	Outer_Full	8.924	9.420	PASS
N70	15	10	DFT-PI2BPSK	M	Outer_Full	8.919	9.480	PASS
N70	15	10	DFT-16QAM	M	Outer_Full	8.908	9.360	PASS
N70	15	10	DFT-64QAM	M	Outer_Full	8.921	9.420	PASS
N70	15	10	DFT-256QAM	M	Outer_Full	8.911	9.400	PASS
N70	15	10	CP-QPSK	M	Outer_Full	9.29	9.740	PASS
N70	15	10	CP-16QAM	M	Outer_Full	9.269	9.720	PASS
N70	15	10	CP-64QAM	M	Outer_Full	9.284	9.760	PASS
N70	15	10	CP-256QAM	M	Outer_Full	9.272	9.800	PASS
N70	15	10	DFT-QPSK	H	Outer_Full	8.925	9.380	PASS
N70	15	10	DFT-PI2BPSK	H	Outer_Full	8.914	9.420	PASS
N70	15	10	DFT-16QAM	H	Outer_Full	8.901	9.340	PASS
N70	15	10	DFT-64QAM	H	Outer_Full	8.901	9.400	PASS
N70	15	10	DFT-256QAM	H	Outer_Full	8.912	9.380	PASS
N70	15	10	CP-QPSK	H	Outer_Full	9.282	9.800	PASS
N70	15	10	CP-16QAM	H	Outer_Full	9.276	9.800	PASS
N70	15	10	CP-64QAM	H	Outer_Full	9.298	9.760	PASS
N70	15	10	CP-256QAM	H	Outer_Full	9.292	9.780	PASS
N70	15	15	DFT-QPSK	L	Outer_Full	13.434	14.070	PASS
N70	15	15	DFT-PI2BPSK	L	Outer_Full	13.432	14.040	PASS
N70	15	15	DFT-16QAM	L	Outer_Full	13.438	14.160	PASS
N70	15	15	DFT-64QAM	L	Outer_Full	13.438	14.130	PASS
N70	15	15	DFT-256QAM	L	Outer_Full	13.425	14.100	PASS
N70	15	15	CP-QPSK	L	Outer_Full	14.096	14.850	PASS
N70	15	15	CP-16QAM	L	Outer_Full	14.163	14.790	PASS
N70	15	15	CP-64QAM	L	Outer_Full	14.134	14.820	PASS
N70	15	15	CP-256QAM	L	Outer_Full	14.124	14.790	PASS
N70	15	15	DFT-QPSK	M	Outer_Full	13.444	14.040	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	13.447	14.160	PASS
N70	15	15	DFT-16QAM	M	Outer_Full	13.408	14.100	PASS
N70	15	15	DFT-64QAM	M	Outer_Full	13.455	14.100	PASS

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N70	15	15	DFT-256QAM	M	Outer_Full	13.418	14.100	PASS
N70	15	15	CP-QPSK	M	Outer_Full	14.097	14.850	PASS
N70	15	15	CP-16QAM	M	Outer_Full	14.162	14.760	PASS
N70	15	15	CP-64QAM	M	Outer_Full	14.099	14.790	PASS
N70	15	15	CP-256QAM	M	Outer_Full	14.139	14.730	PASS
N70	15	15	DFT-QPSK	H	Outer_Full	13.44	14.070	PASS
N70	15	15	DFT-PI2BPSK	H	Outer_Full	13.43	14.160	PASS
N70	15	15	DFT-16QAM	H	Outer_Full	13.423	14.130	PASS
N70	15	15	DFT-64QAM	H	Outer_Full	13.418	14.100	PASS
N70	15	15	DFT-256QAM	H	Outer_Full	13.435	14.040	PASS
N70	15	15	CP-QPSK	H	Outer_Full	14.117	15.540	PASS
N70	15	15	CP-16QAM	H	Outer_Full	14.129	14.820	PASS
N70	15	15	CP-64QAM	H	Outer_Full	14.095	14.760	PASS
N70	15	15	CP-256QAM	H	Outer_Full	14.109	14.820	PASS

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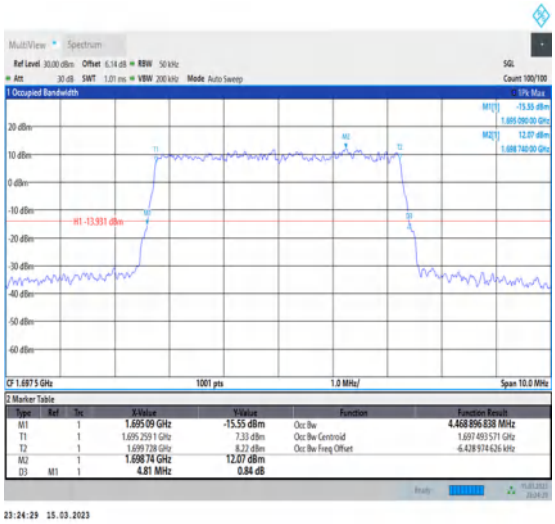
Test Graphs



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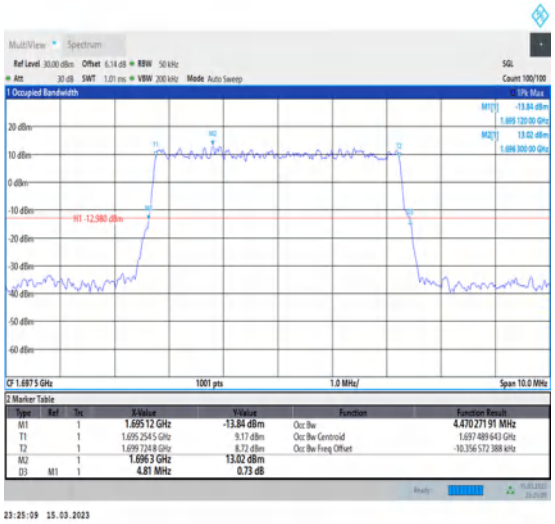

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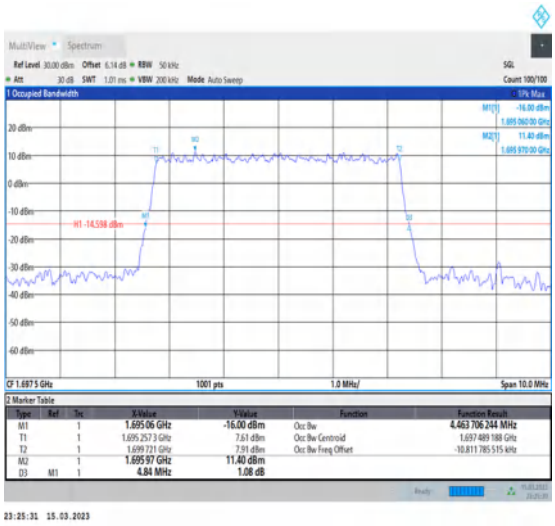

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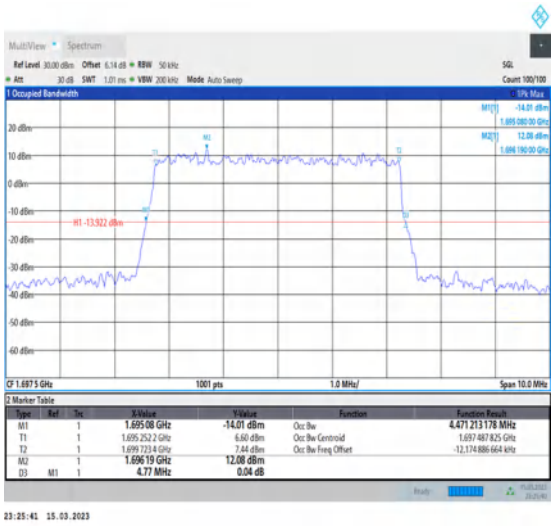

1-N70-PC3-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant7-4.471-4.770-≤5-PASS

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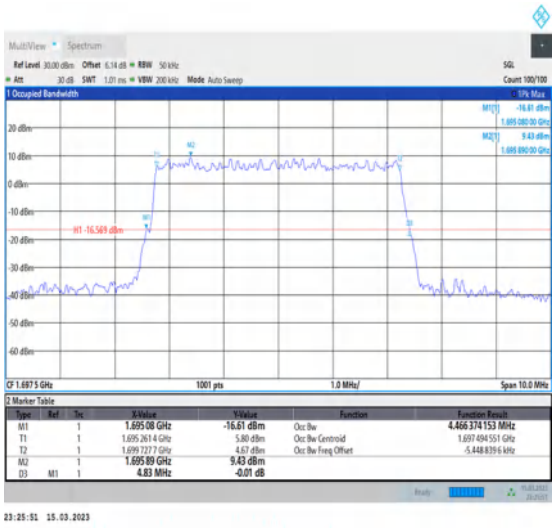

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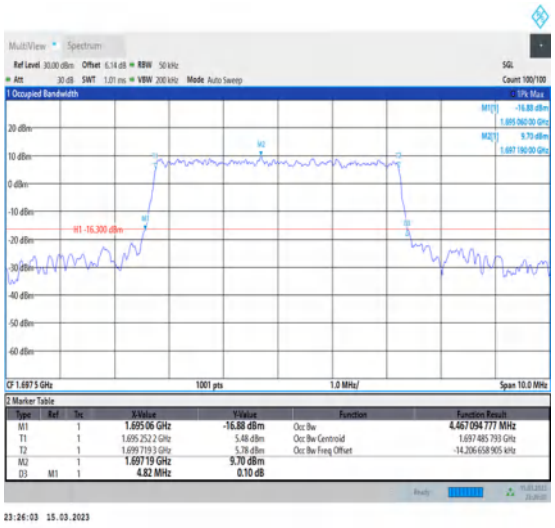

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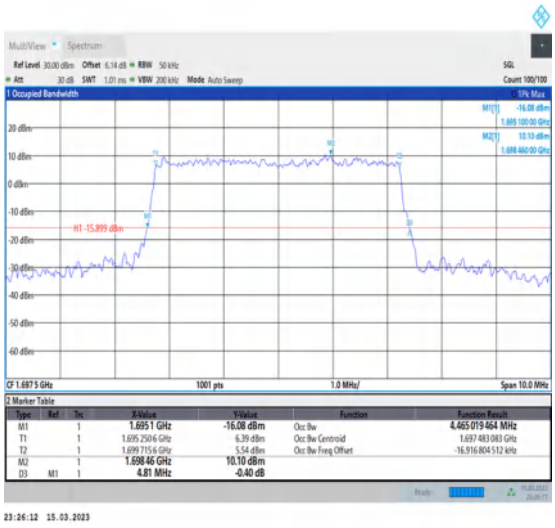

1-N70-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant7-4.465-4.810-≤5-PASS

1-N70-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant7-4.469-4.780-≤5-PASS

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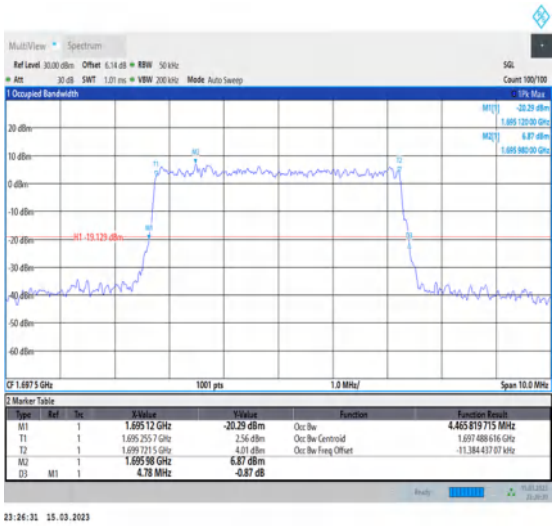

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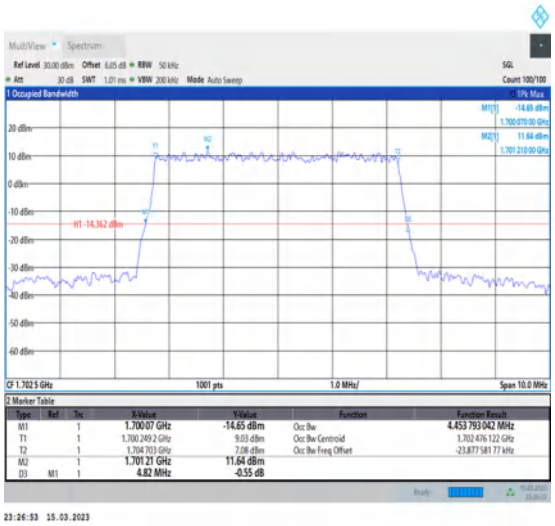

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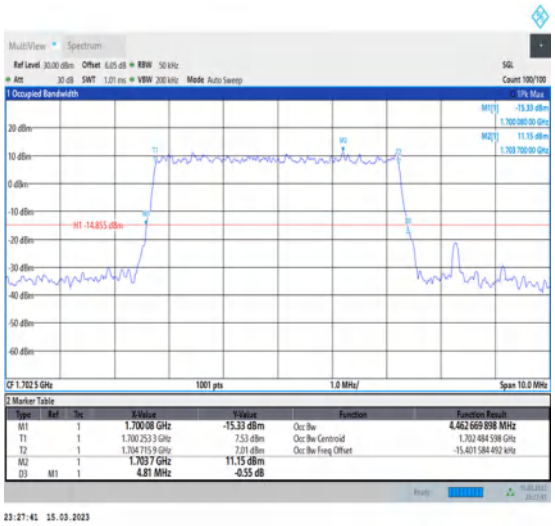

1-N70-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant7-4.463-4.810-≤5-PASS

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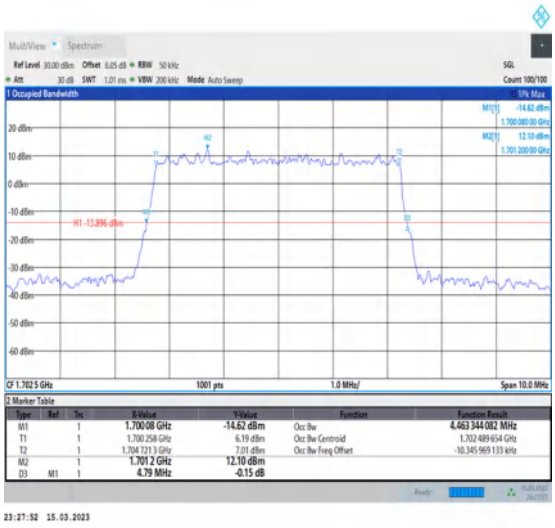

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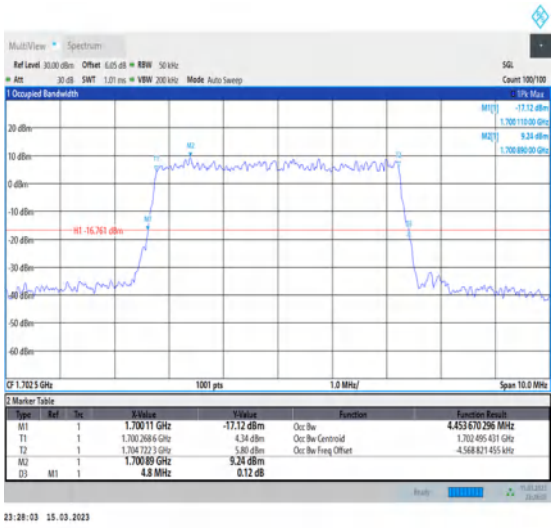

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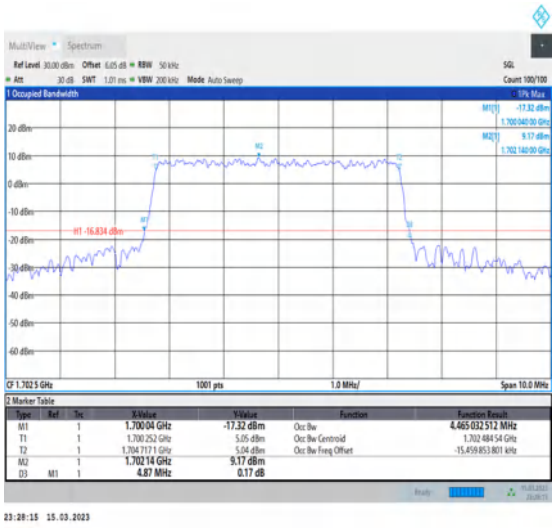

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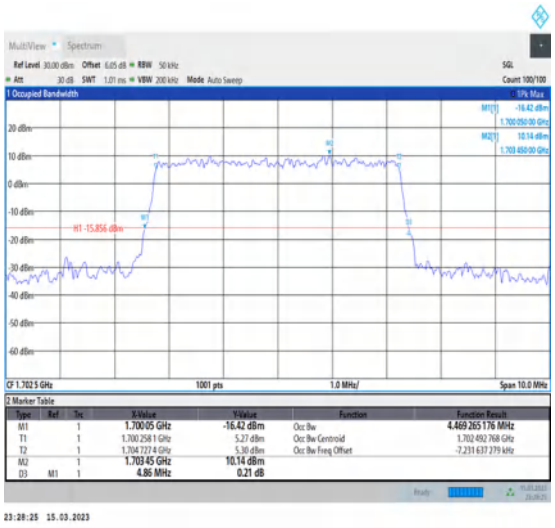

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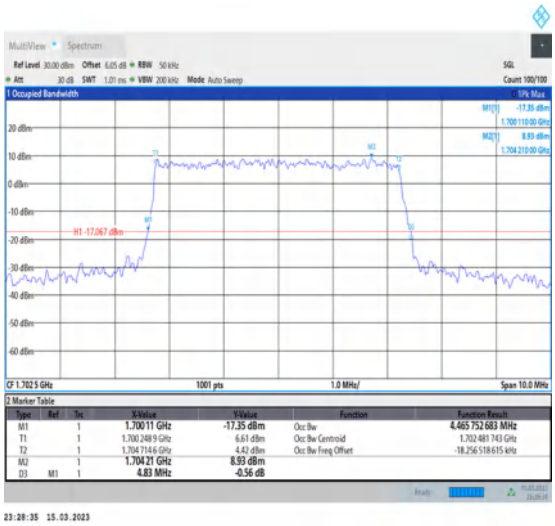

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1-N70-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant7-4.471-4.820-≤5-PASS

1-N70-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant7-4.466-4.790-≤5-PASS

1-N70-PC3-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant7-4.467-4.780-≤5-PASS

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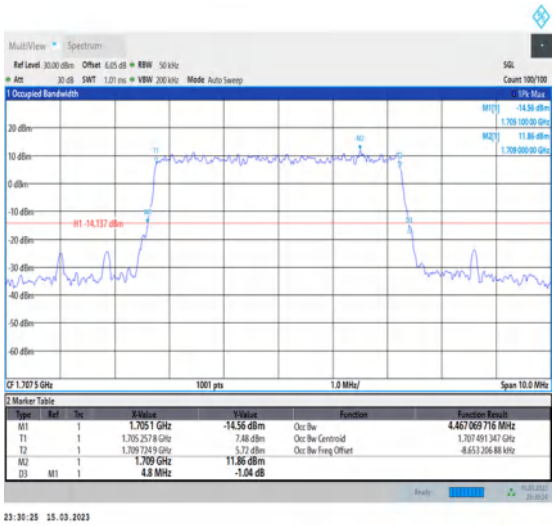

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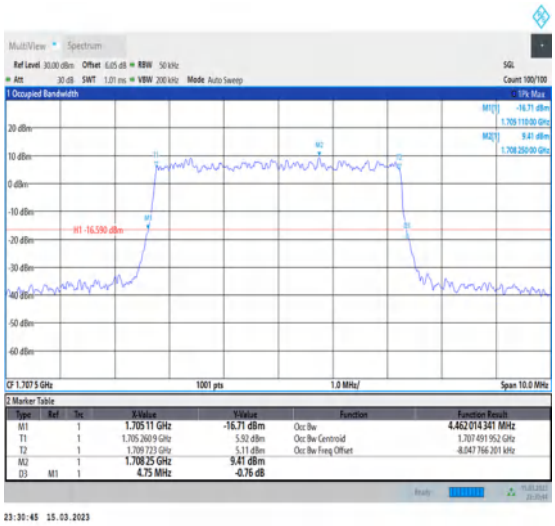

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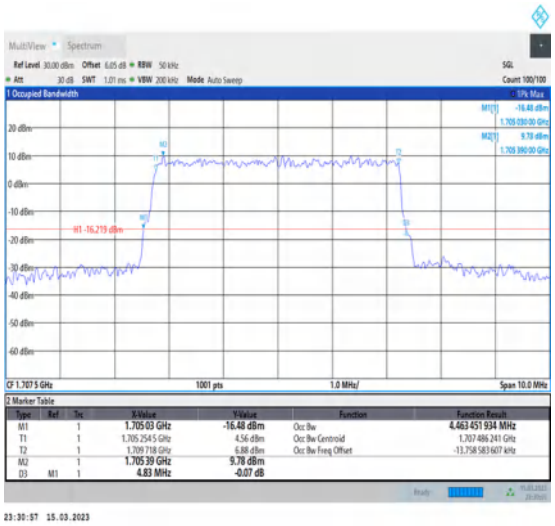

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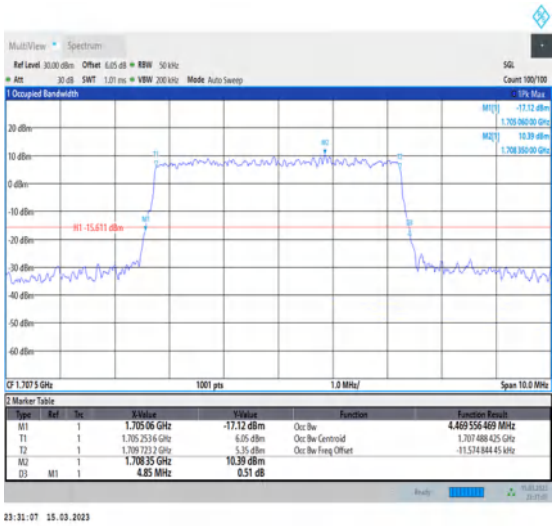

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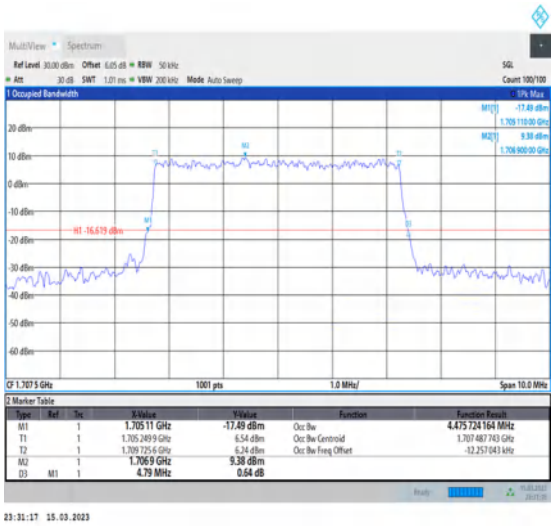

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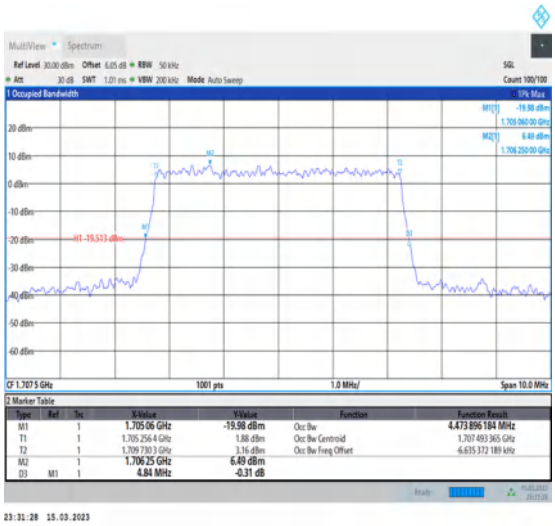

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1-N70-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant7-8.903-9.420-≤10-PASS

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1-N70-PC3-15-10-L-2-DFT-PI2BPSK-Outer_Full-50@0-Ant7-8.909-9.420-≤10-PASS

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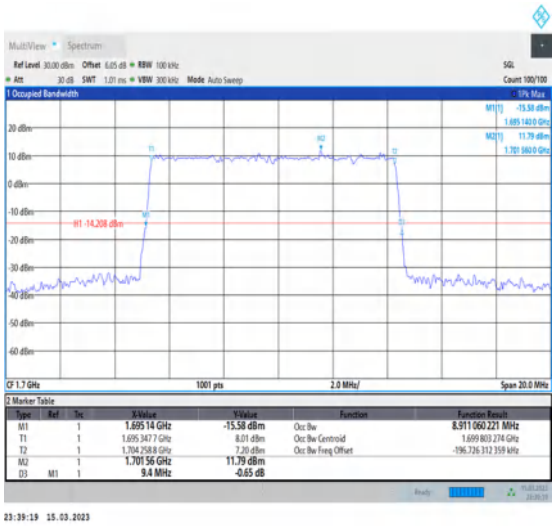

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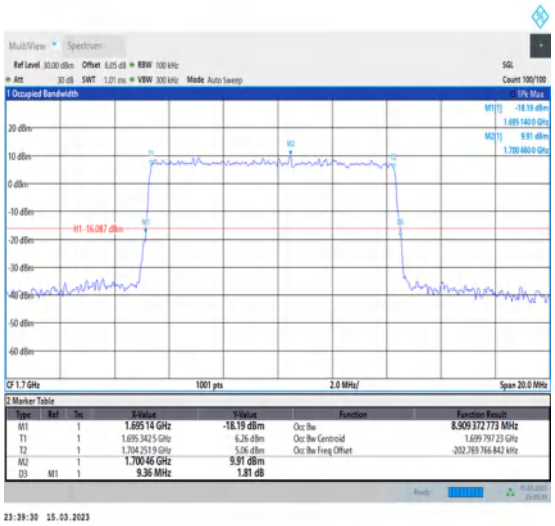

1-N70-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant7-8.909-9.360-≤10-PASS

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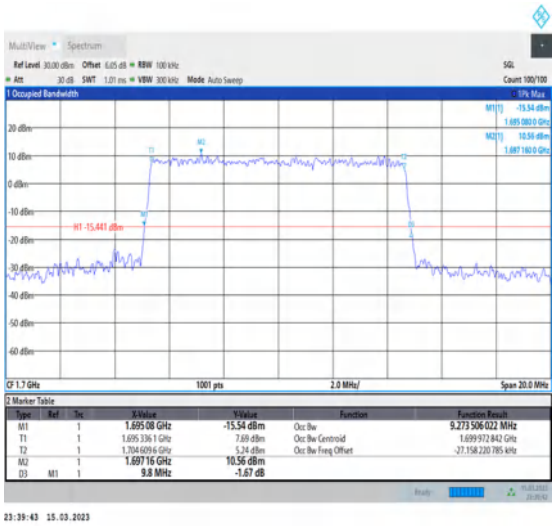

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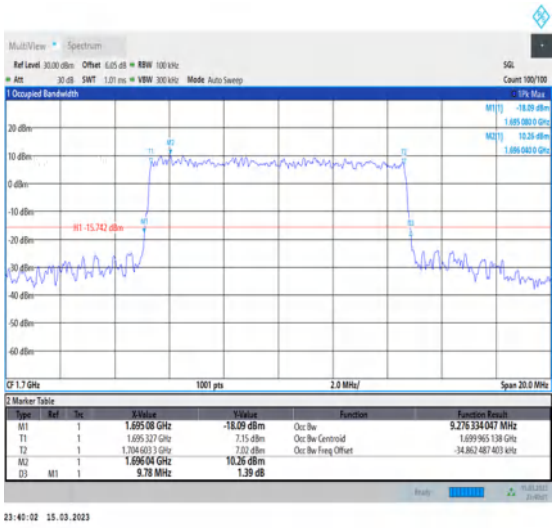

1-N70-PC3-15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant7-9.276-9.780-≤10-PASS

1-N70-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant7-9.289-9.800-≤10-PASS

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1-N70-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant7-8.924-9.420-≤10-PASS

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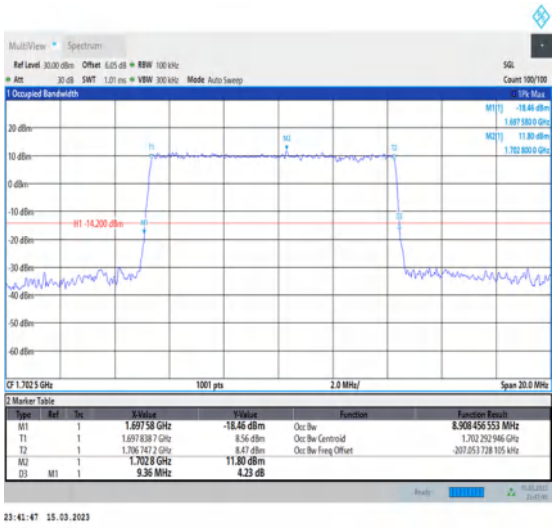

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1-N70-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant7-8.921-9.420-≤10-PASS

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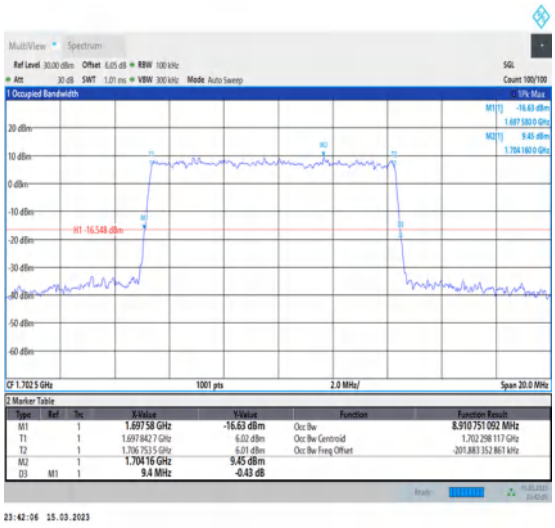

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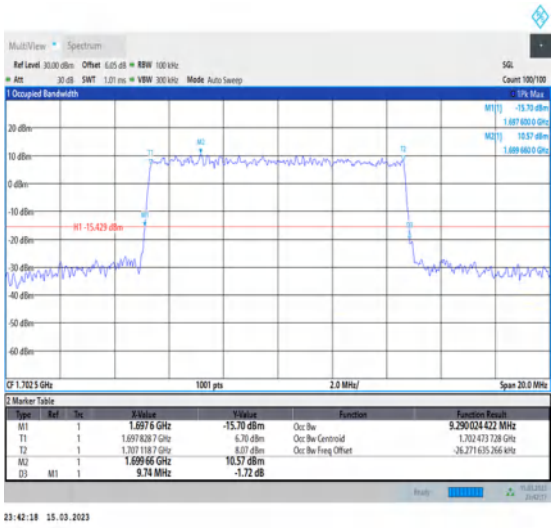

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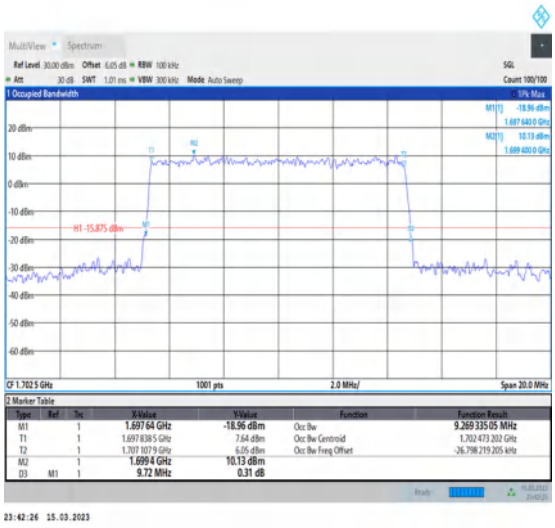

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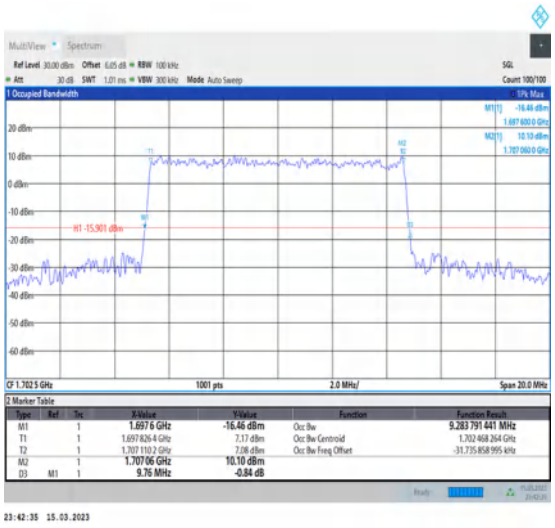

1-N70-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant7-9.284-9.760-≤10-PASS

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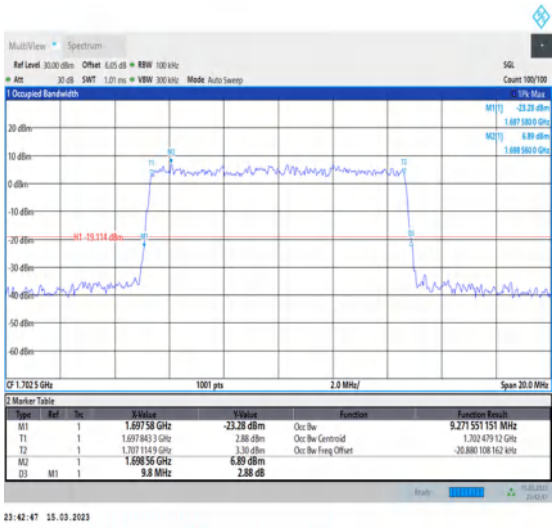

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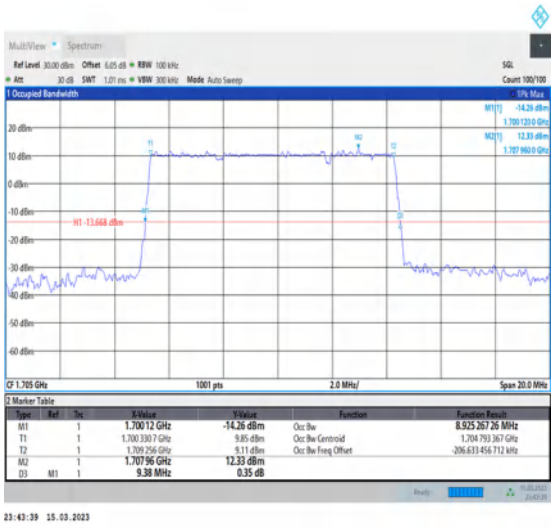
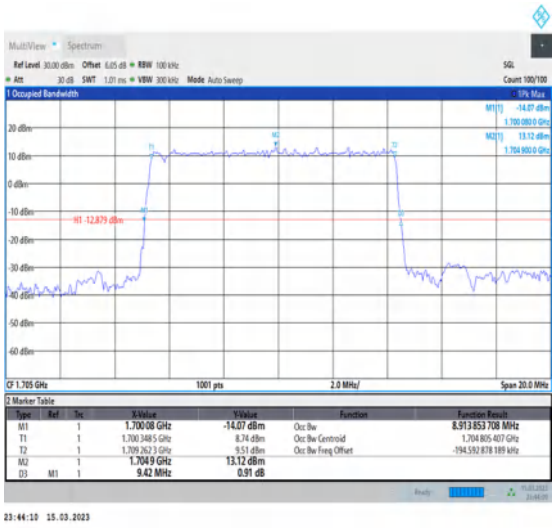


1-N70-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant7-8.925-9.380-≤10-PASS



1-N70-PC3-15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-Ant7-8.914-9.420-≤10-PASS

1-N70-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant7-8.901-9.340-≤10-PASS

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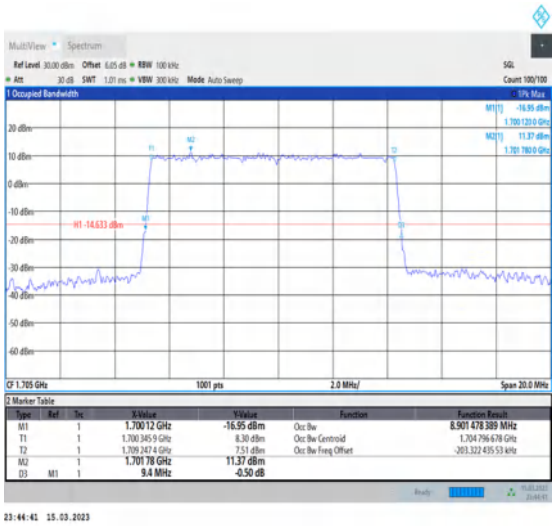

1-N70-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant7-8.901-9.400-≤10-PASS

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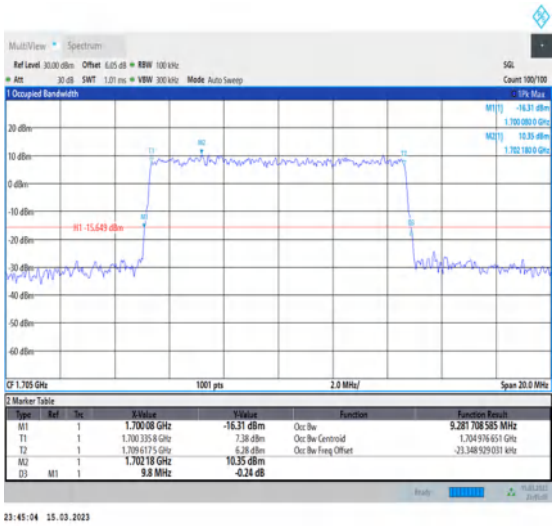
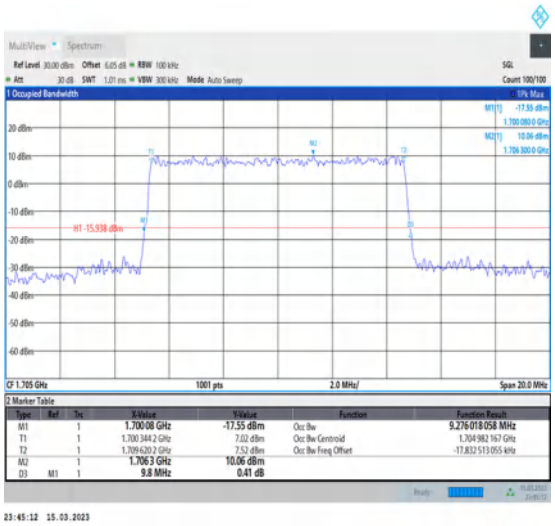


1-N70-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant7-9.282-9.800-≤10-PASS



1-N70-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant7-9.276-9.800-≤10-PASS

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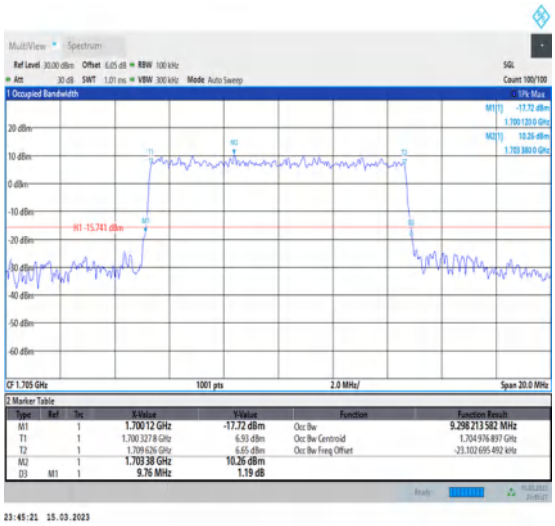

1-N70-PC3-15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant7-9.298-9.760-≤10-PASS

1-N70-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant7-9.292-9.780-≤10-PASS

1-N70-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant7-13.434-14.070-≤15-PASS

1-N70-PC3-15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant7-13.432-14.040-≤15-PASS

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1-N70-PC3-15-15-L-3-DFT-16QAM-Outer_Full-75@0-Ant7-13.438-14.160-≤15-PASS

1-N70-PC3-15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant7-13.438-14.130-≤15-PASS

1-N70-PC3-15-15-L-5-DFT-256QAM-Outer_Full-75@0-Ant7-13.425-14.100-≤15-PASS

1-N70-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant7-14.096-14.850-≤15-PASS

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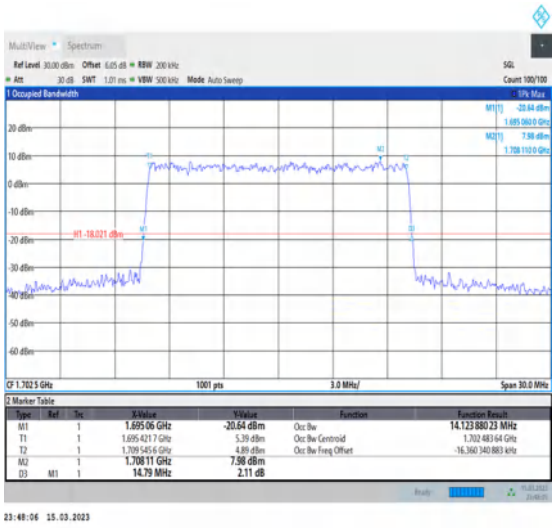
1-N70-PC3-15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant7-14.163-14.790-≤15-PASS

1-N70-PC3-15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant7-14.134-14.820-≤15-PASS



1-N70-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant7-14.124-14.790-≤15-PASS

1-N70-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant7-13.444-14.040-≤15-PASS

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1-N70-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant7-13.408-14.100-≤15-PASS

1-N70-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant7-13.455-14.100-≤15-PASS

1-N70-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant7-13.418-14.100-≤15-PASS

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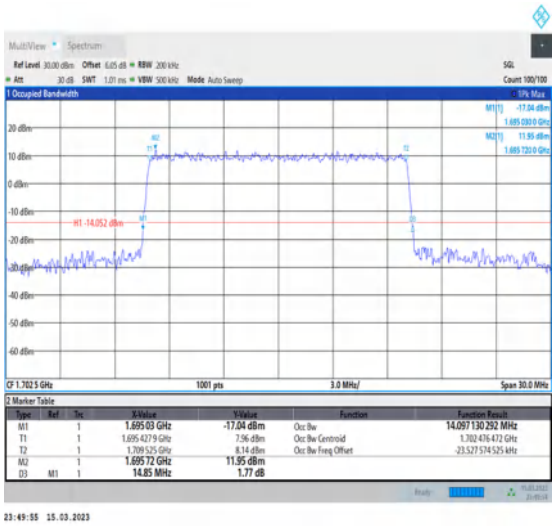

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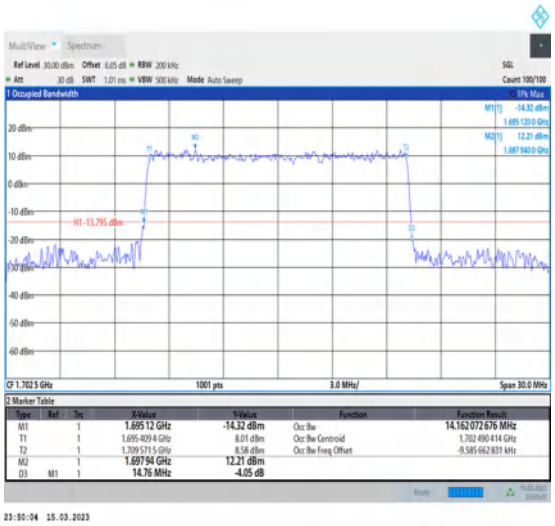

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1-N70-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant7-14.099-14.790-≤15-PASS

1-N70-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant7-14.139-14.730-≤15-PASS

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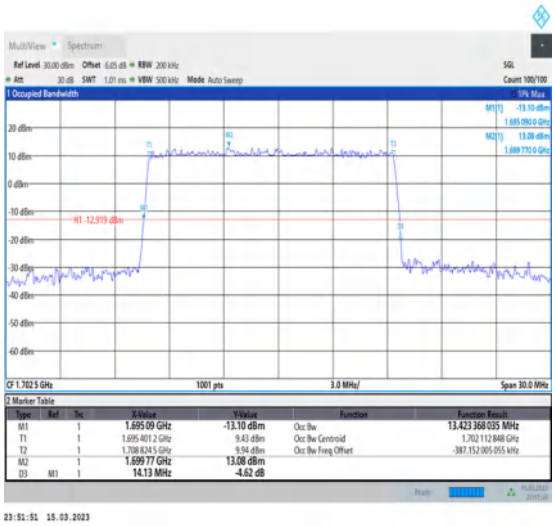

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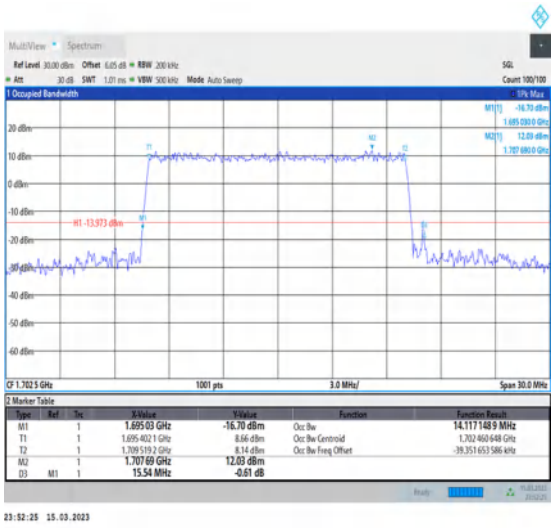

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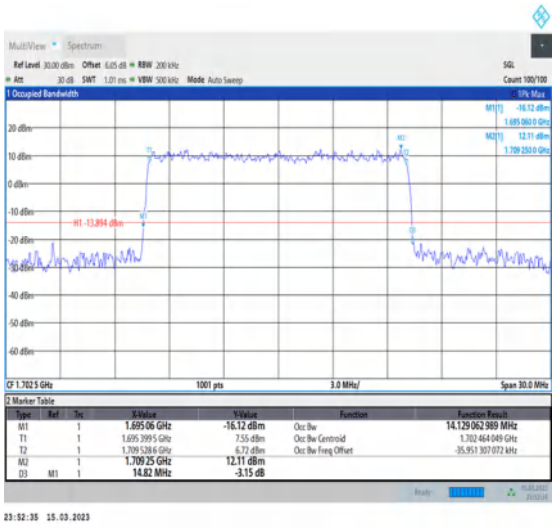

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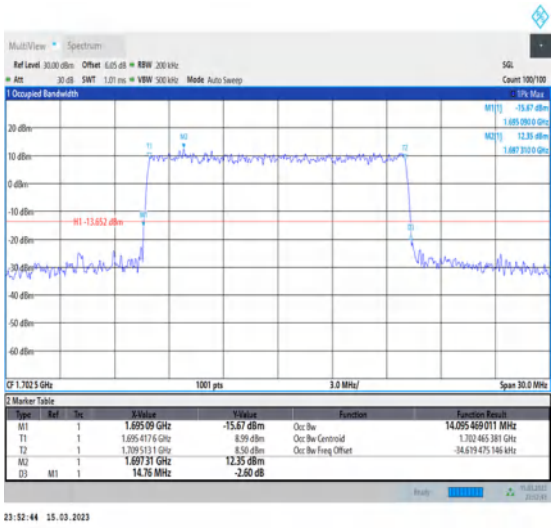

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1-N70-PC3-15-15-H-9-CP-256QAM-Outer_Full-79@0-Ant7-14.109-14.820-≤15-PASS

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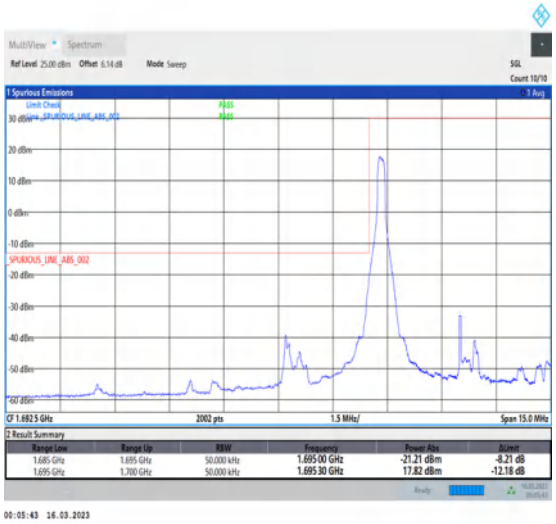
Band Edge for SA

Test Graphs



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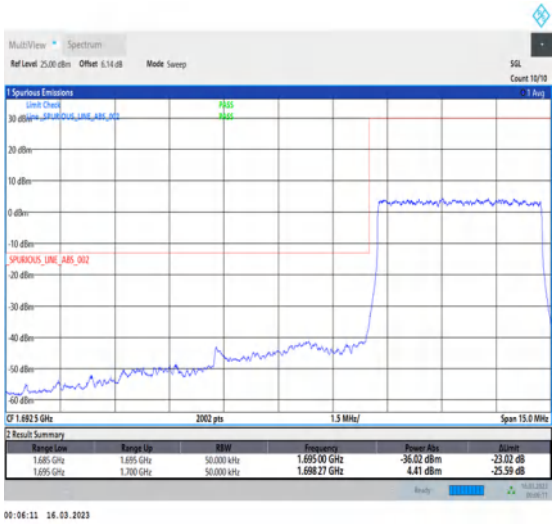

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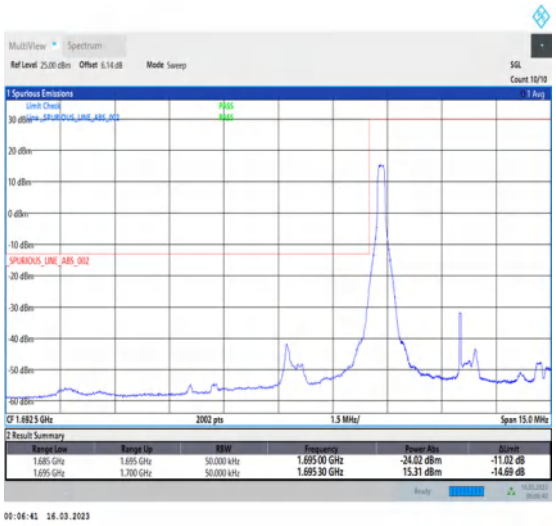

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1-N70-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant7-1-seegraph-PASS-see graph

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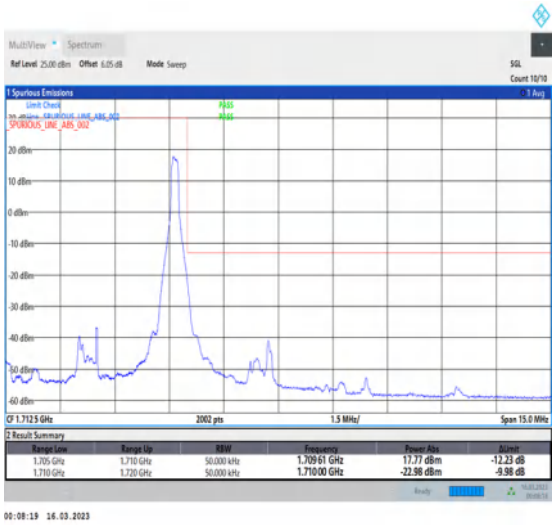

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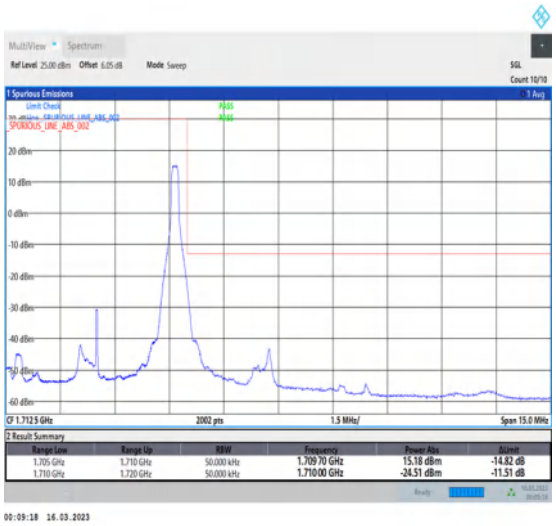

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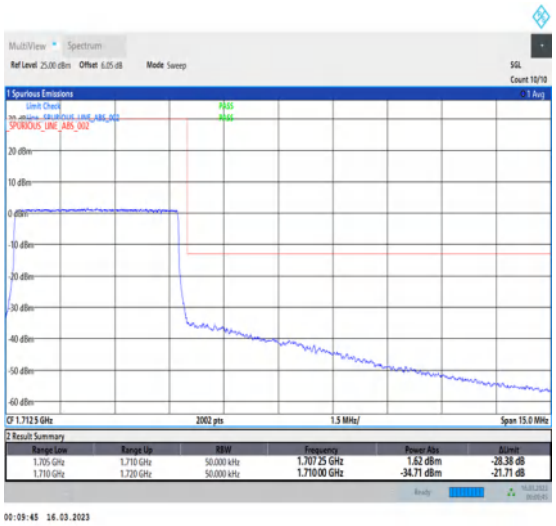

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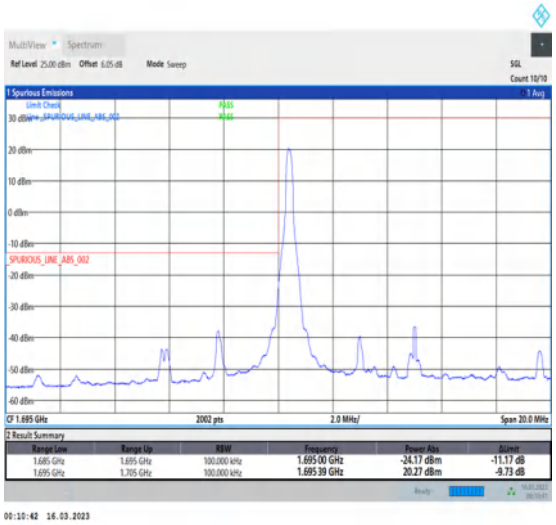

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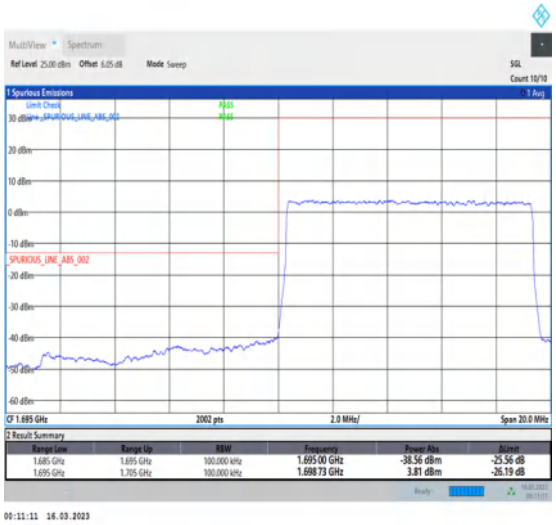

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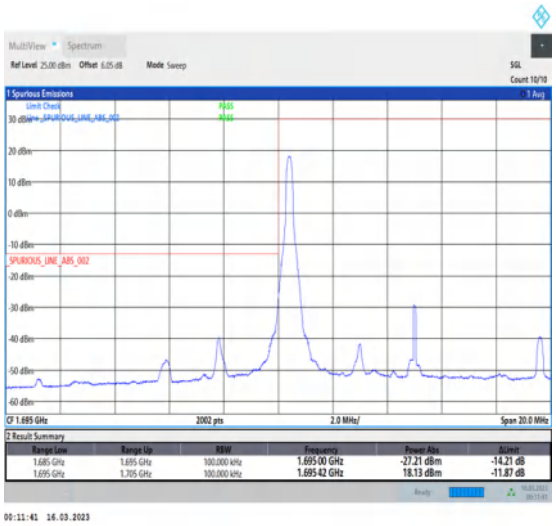

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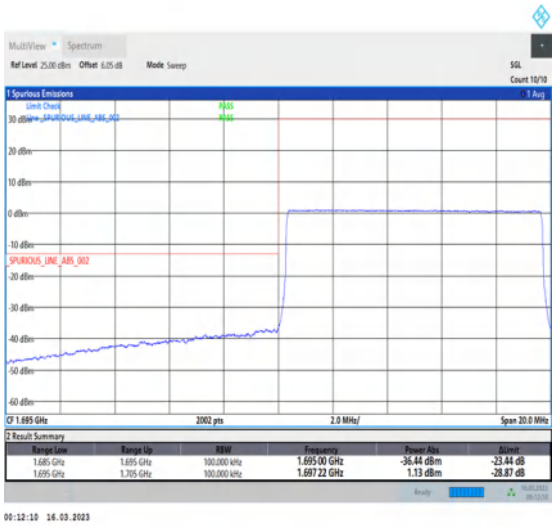

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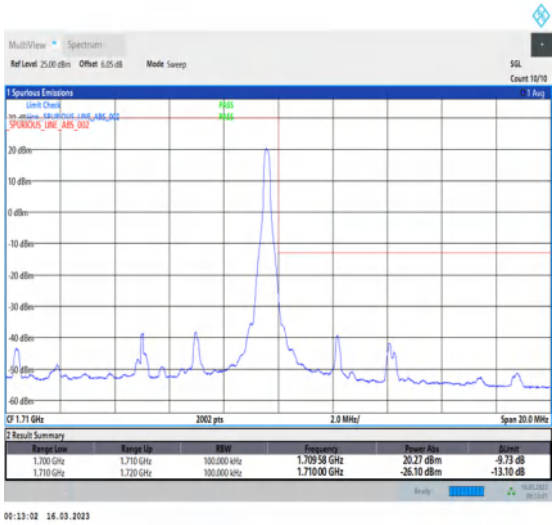

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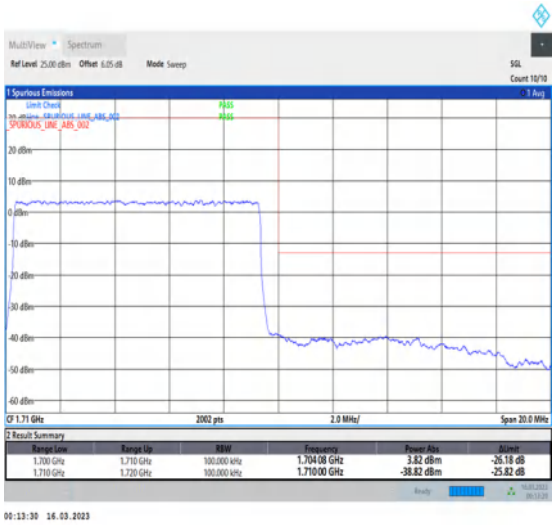

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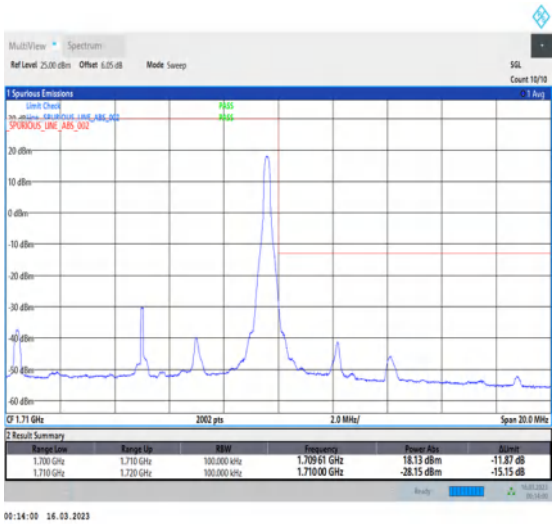

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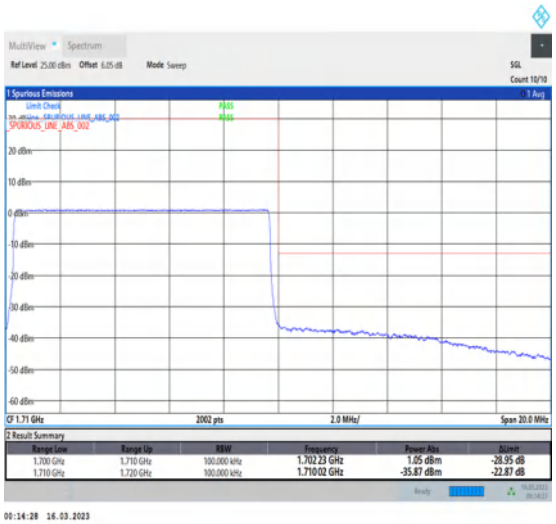

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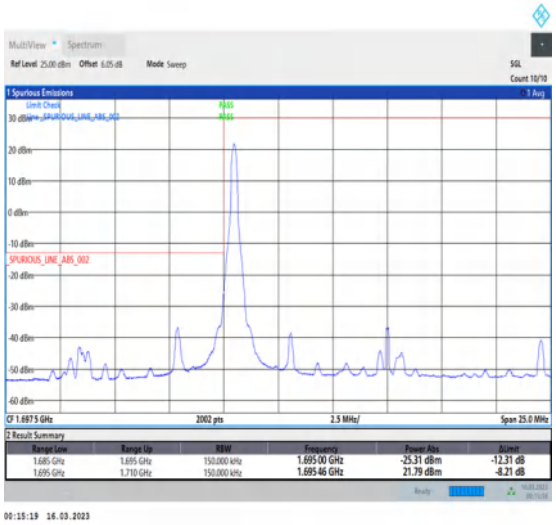

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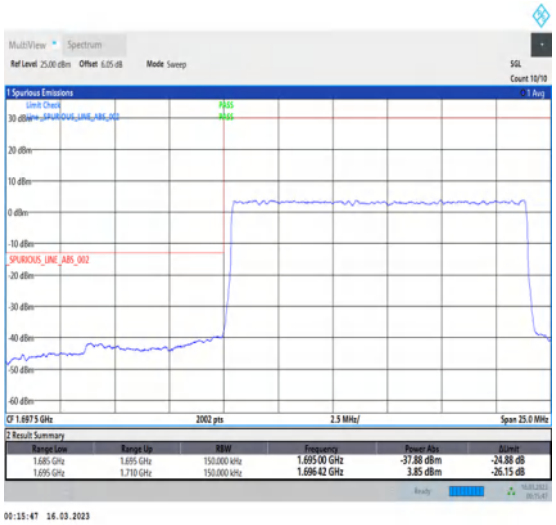

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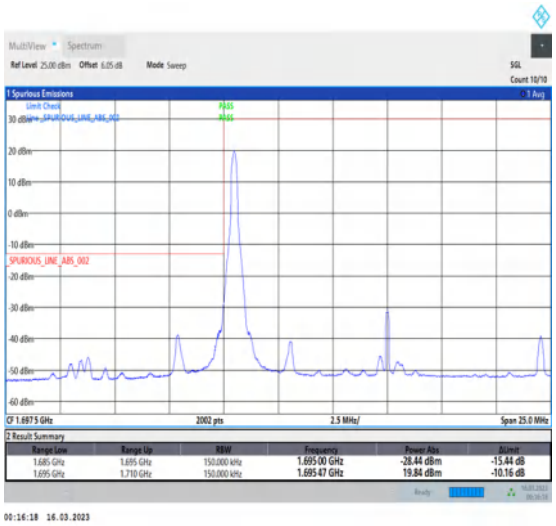

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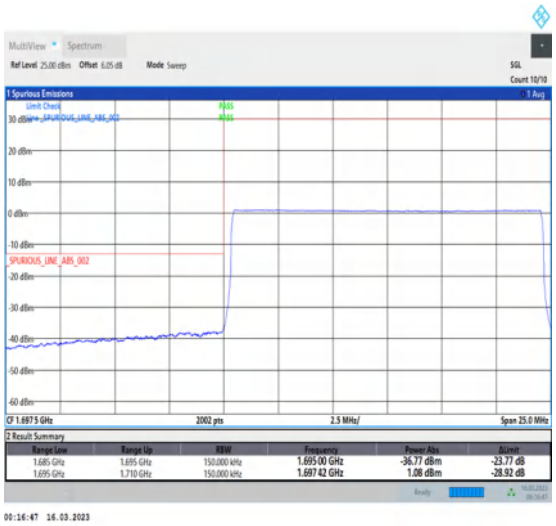

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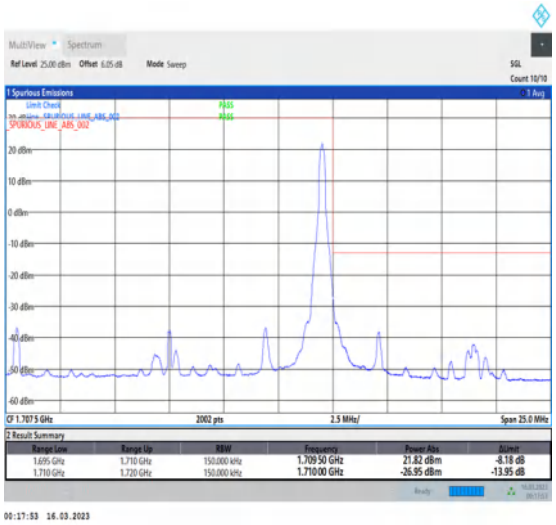

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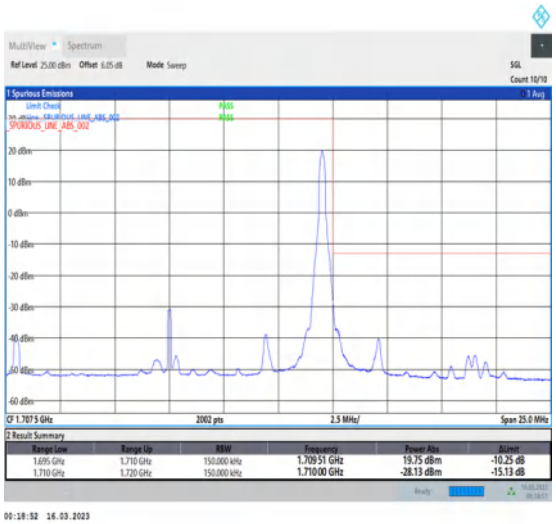

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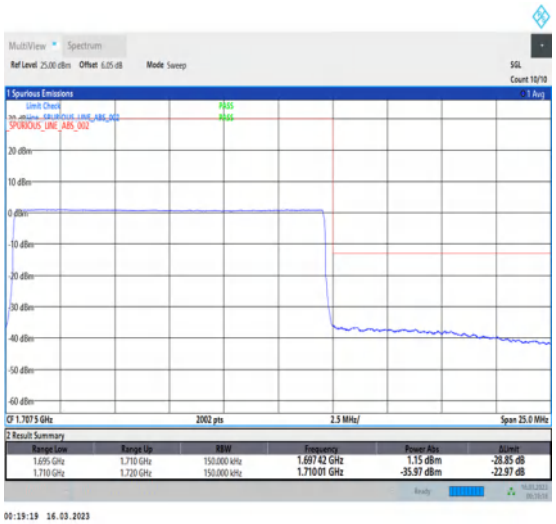

1-N70-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant7-1-seegraph-PASS-see graph

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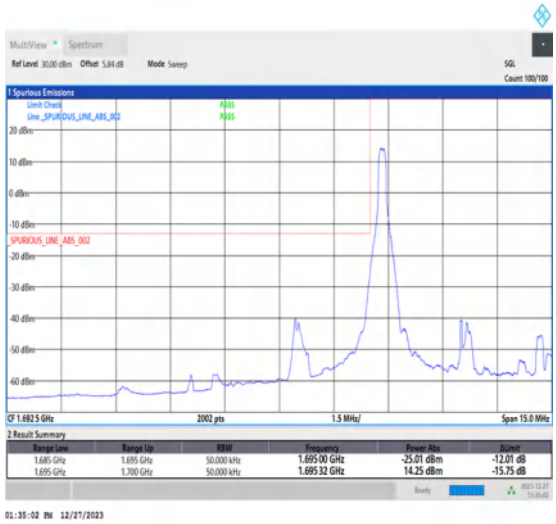
Band Edge for MIMO ANT7

Test Graphs



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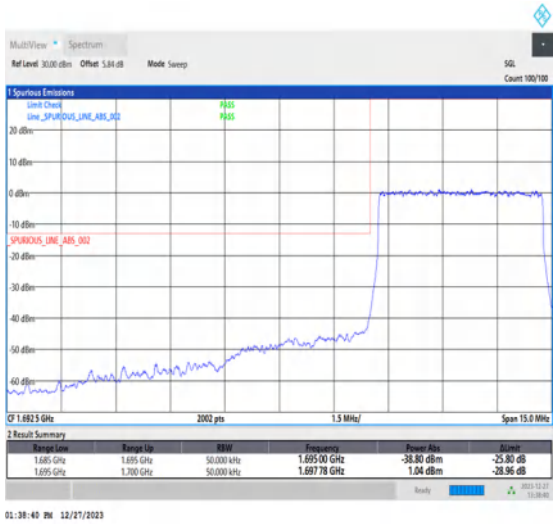

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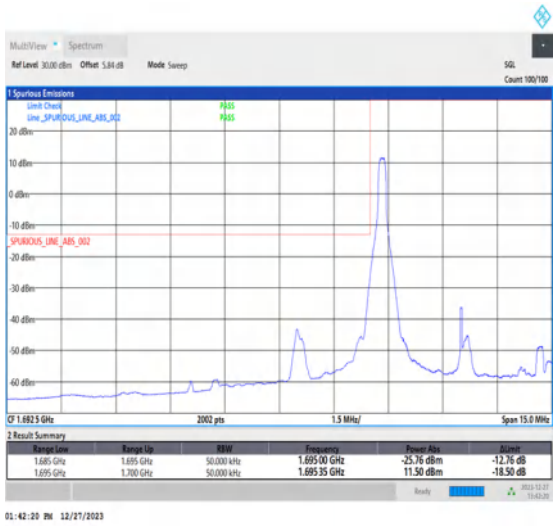

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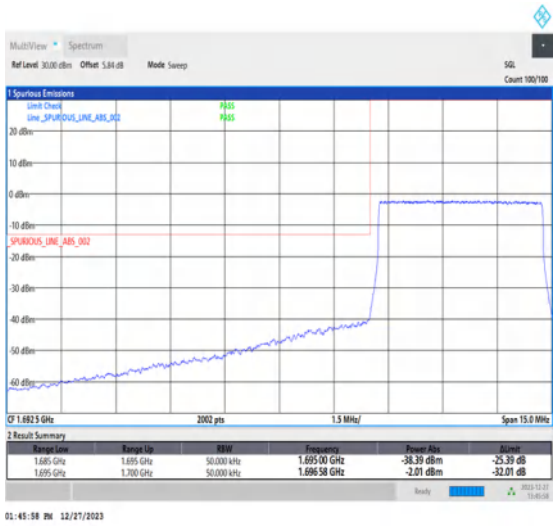

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1-N70-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@24-Ant7-1-seegraph-PASS-see graph

1-N70-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant7-1-seegraph-PASS-see graph

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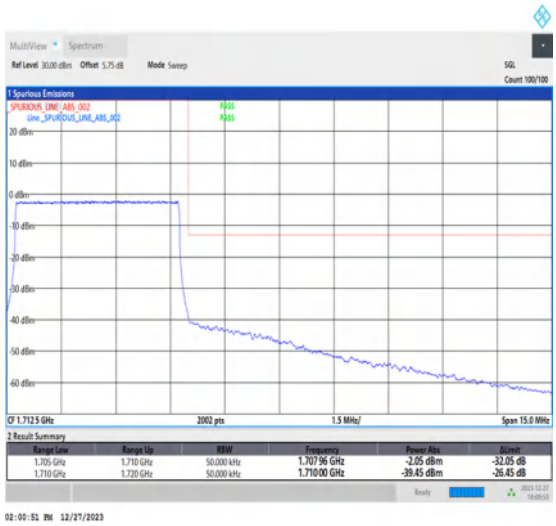

1-N70-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant7-1-seegraph-PASS-see graph

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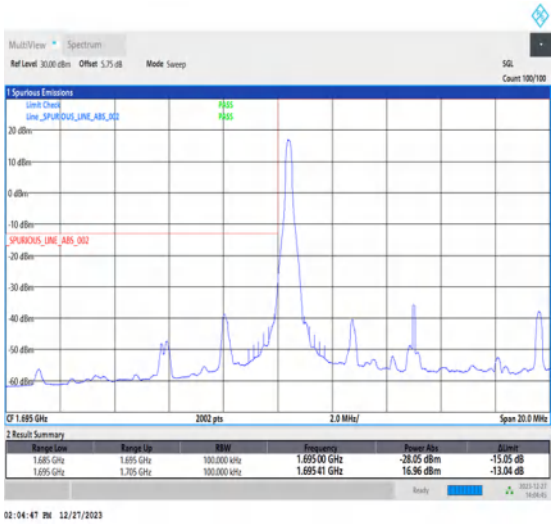

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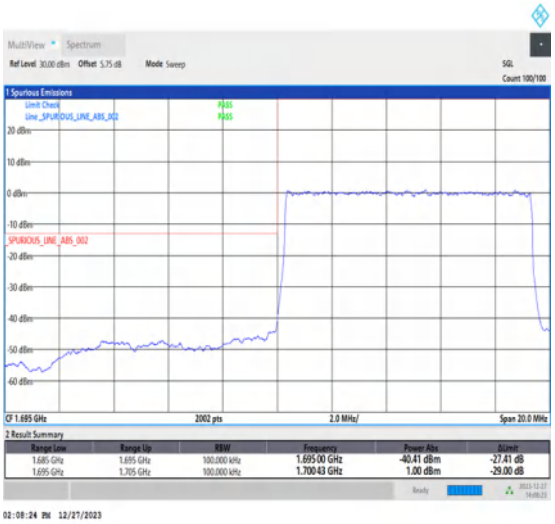

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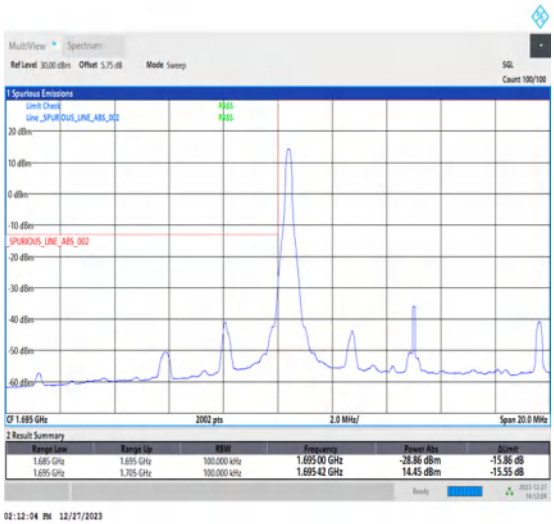

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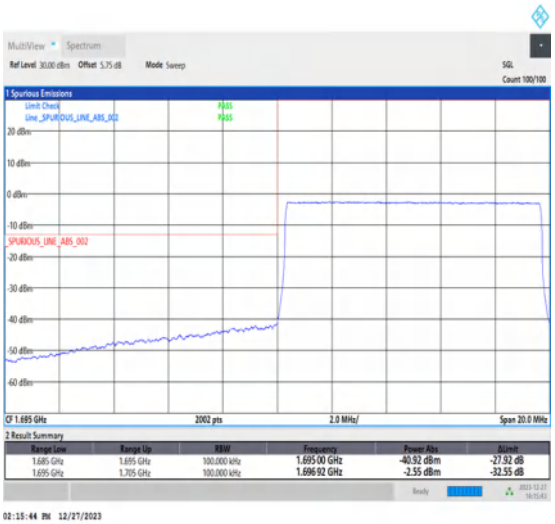

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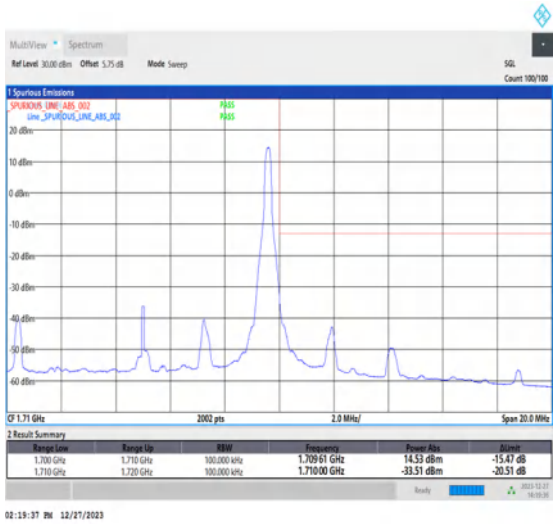

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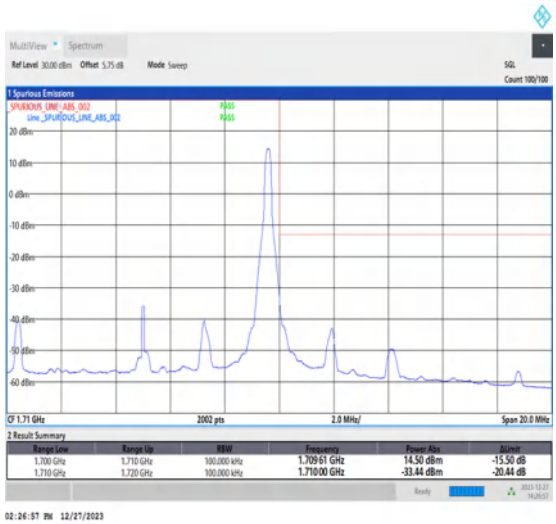

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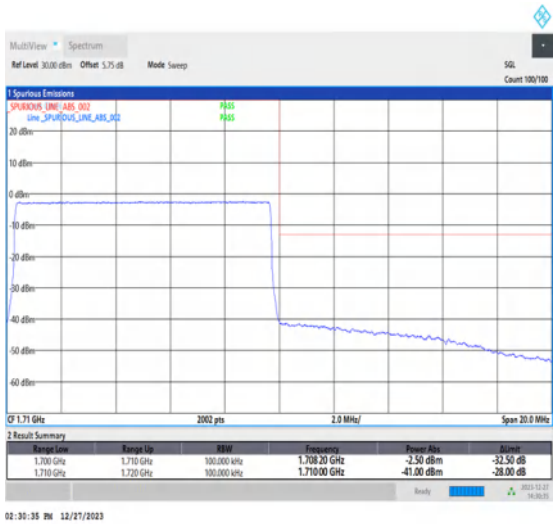

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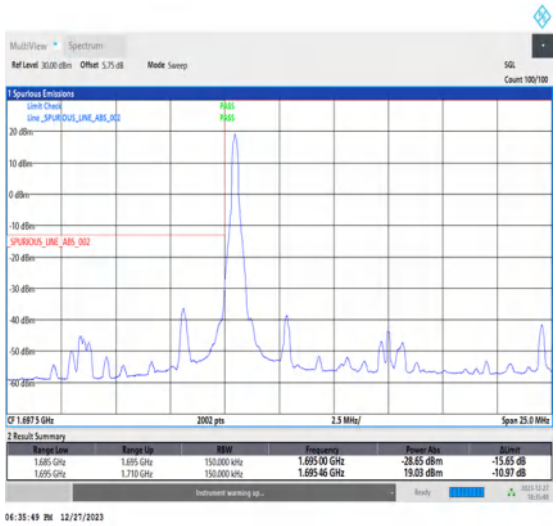

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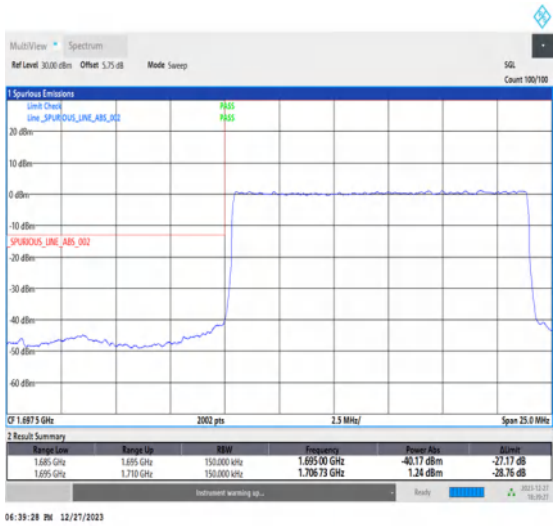

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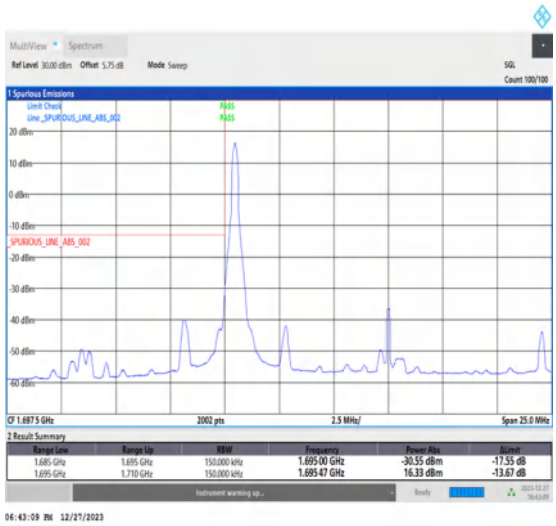

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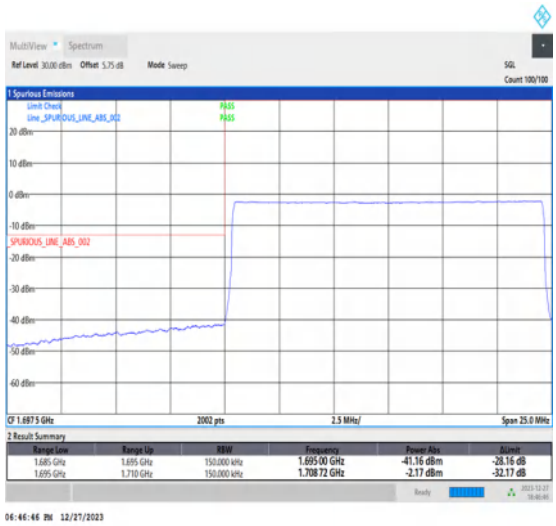

1-N70-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant7-1-seegraph-PASS-see graph

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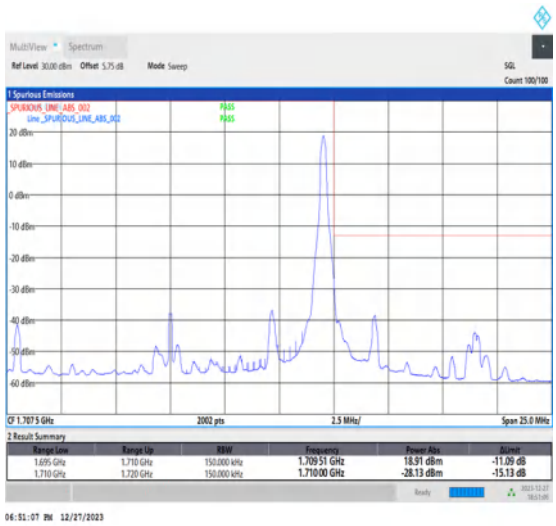

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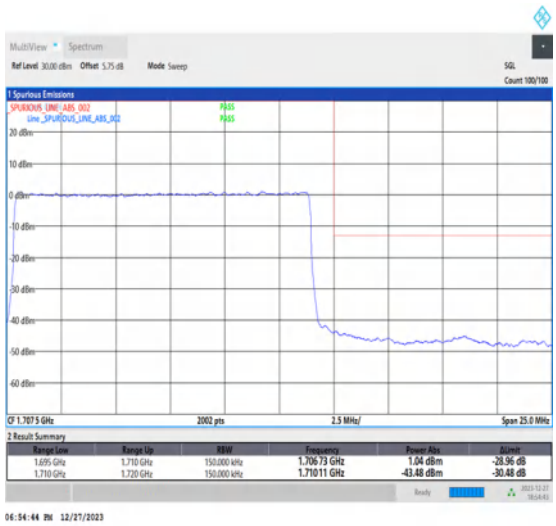

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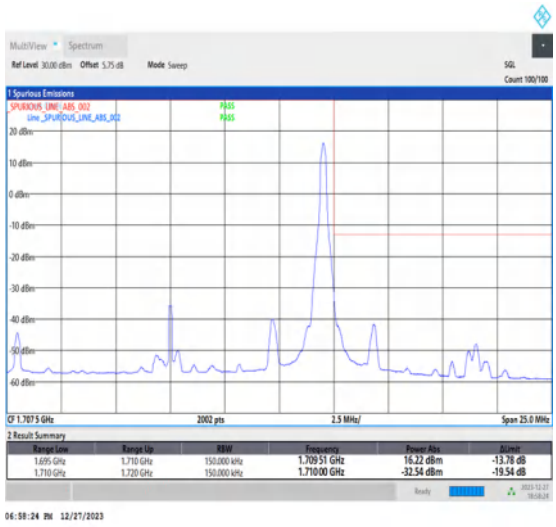

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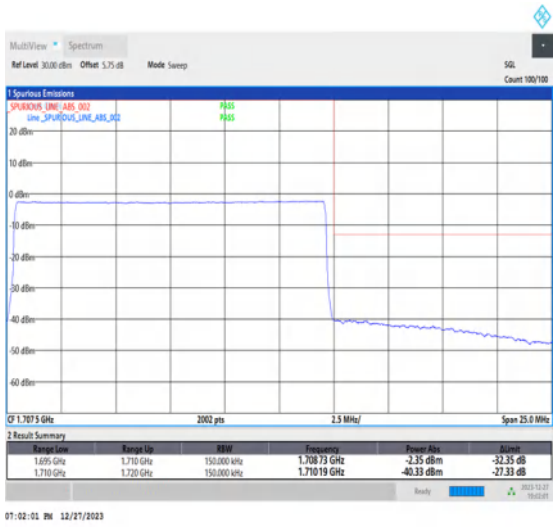

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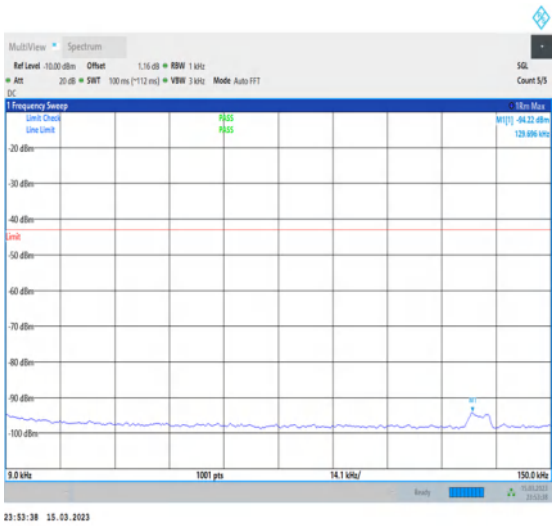

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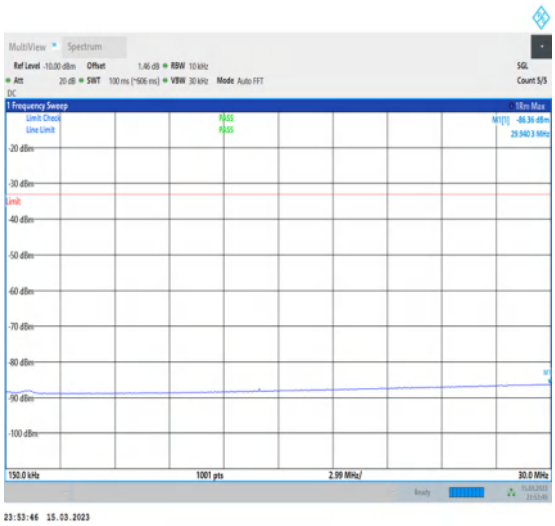

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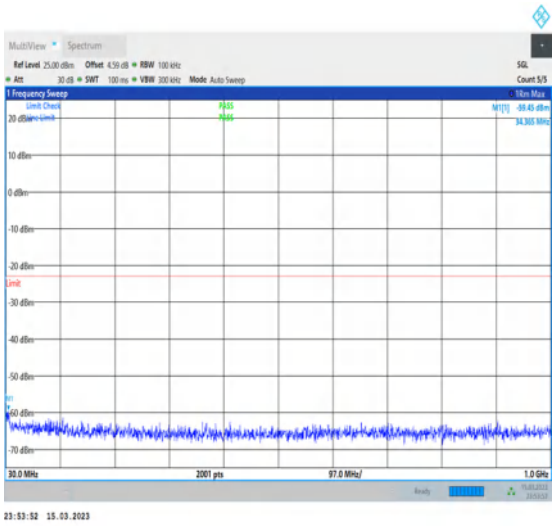

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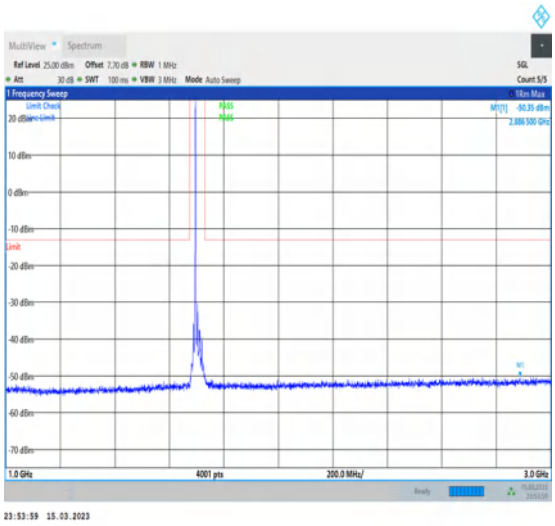

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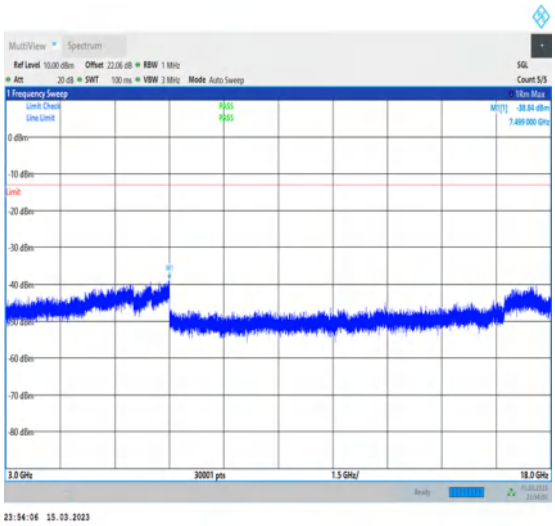

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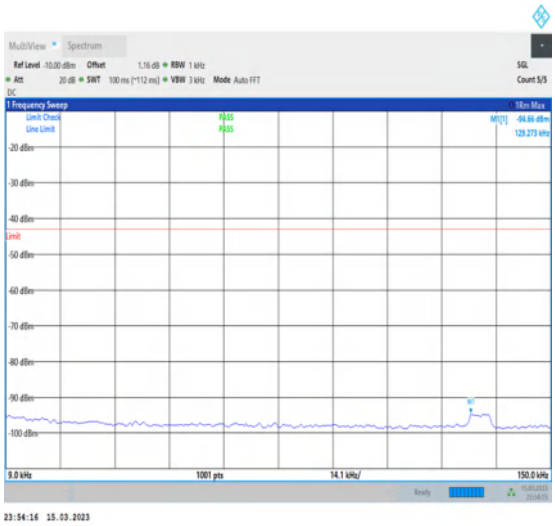

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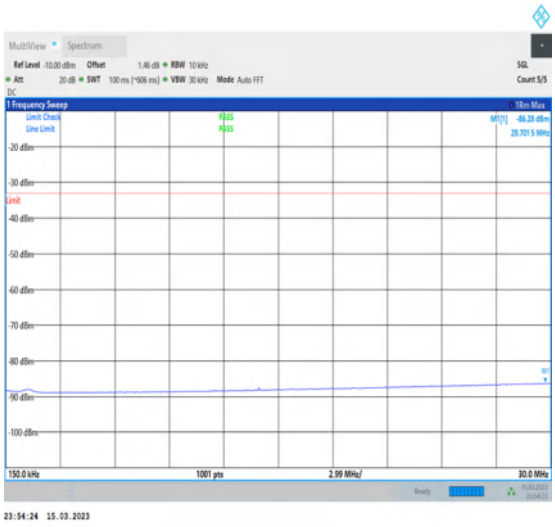

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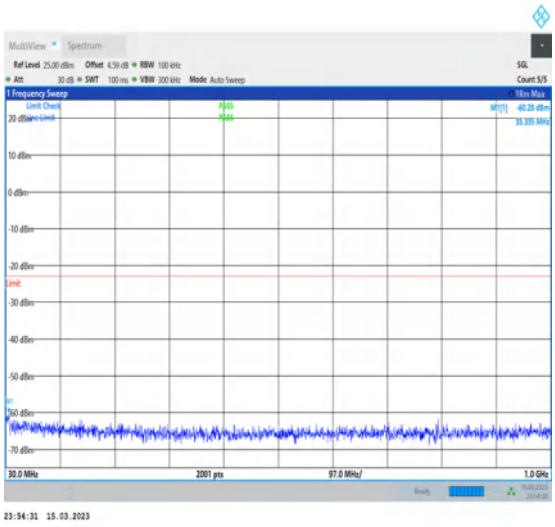

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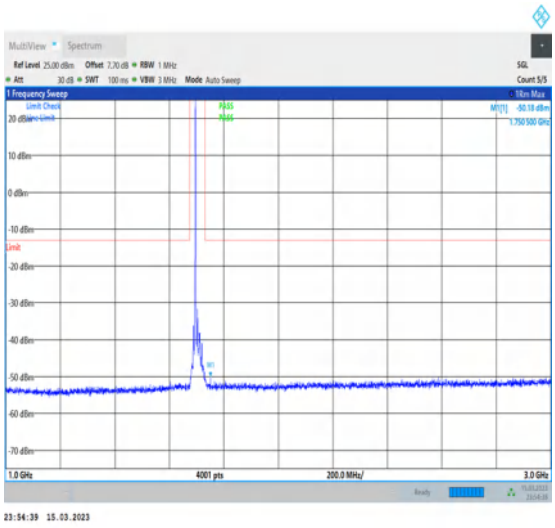

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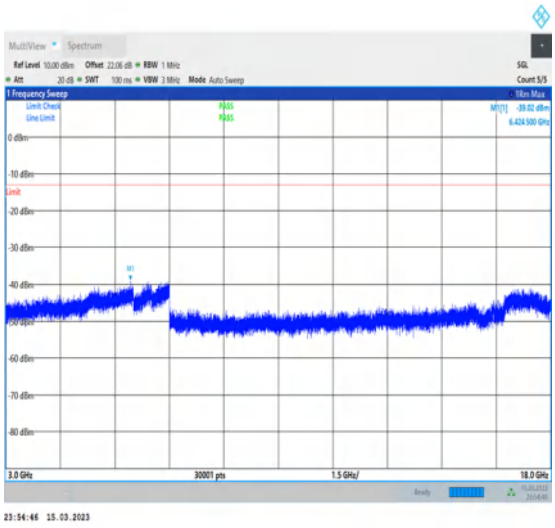

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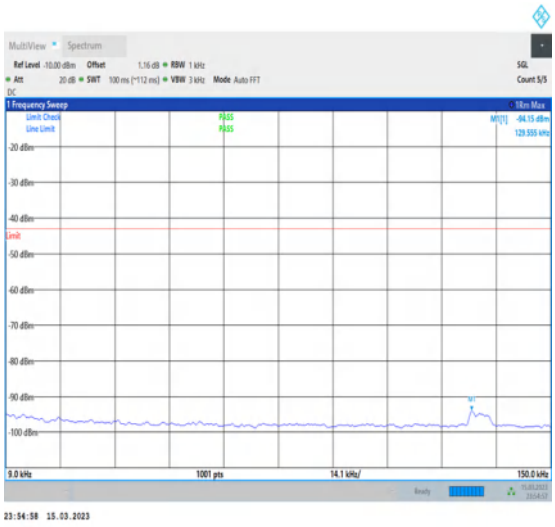

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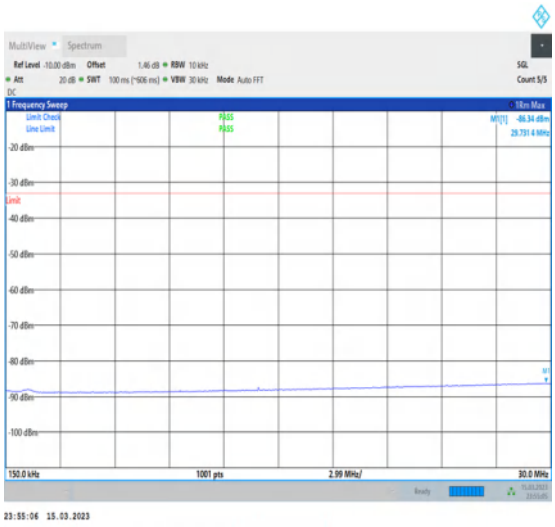

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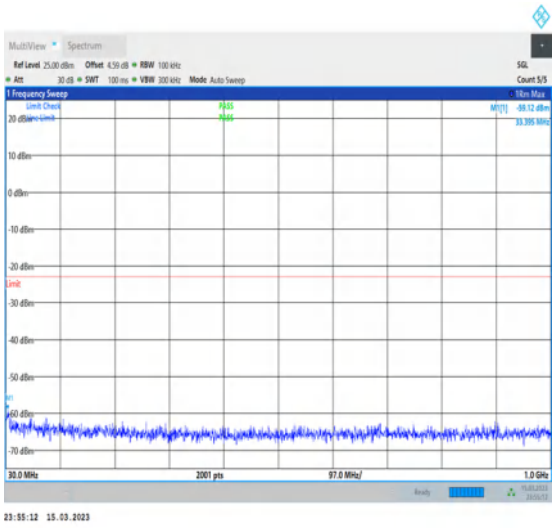

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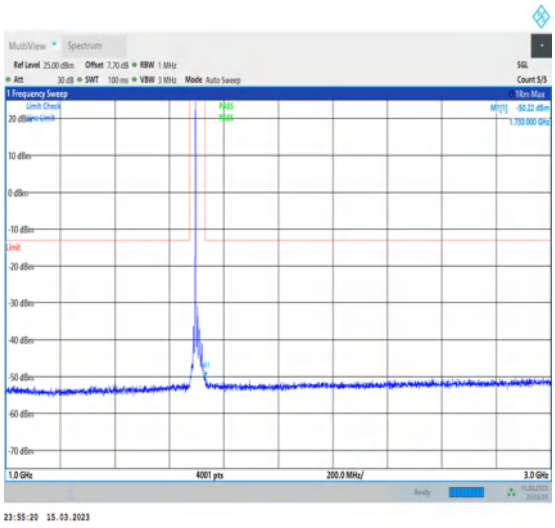

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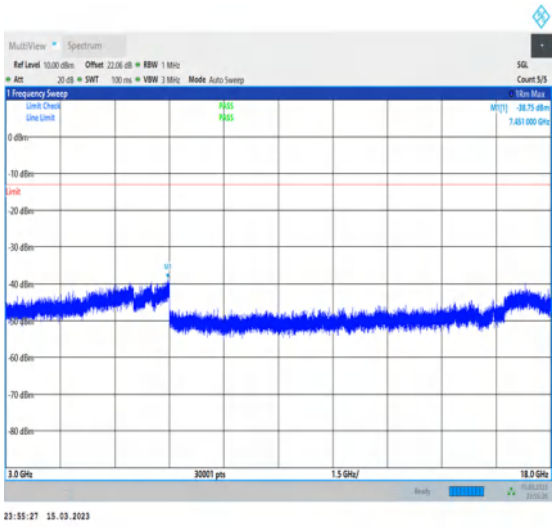

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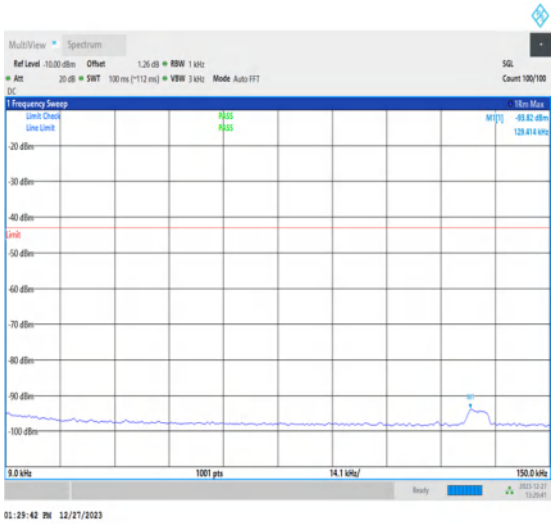
Conducted Spurious Emission for MIMO ANT7

Test Graphs



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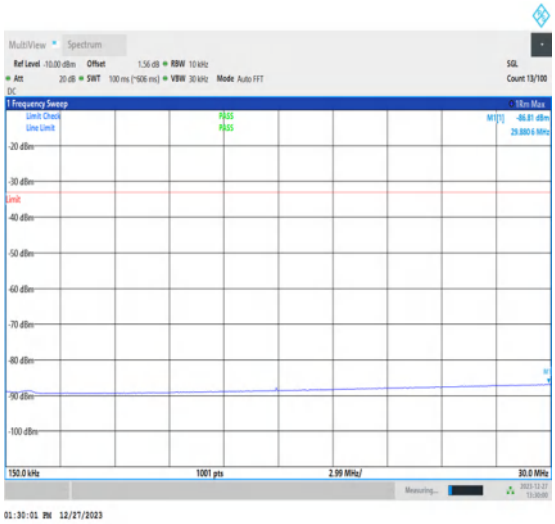

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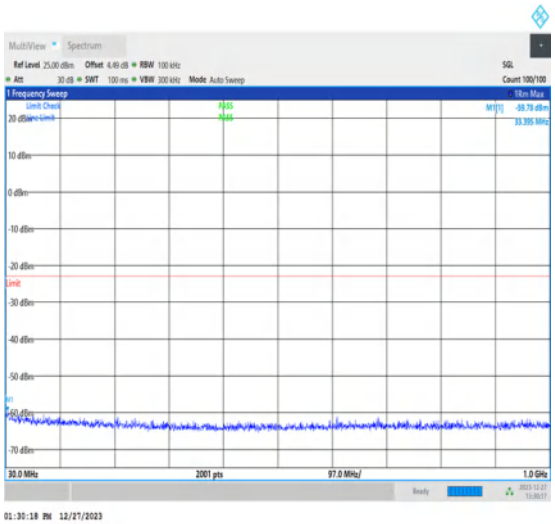

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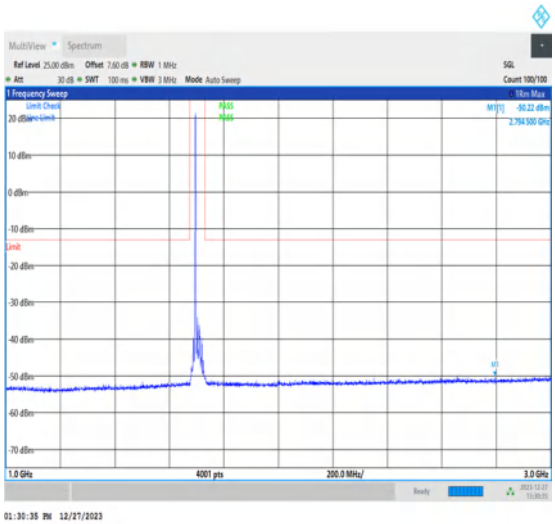

1-N70-15-15-M-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant7-2794.50--50.22--13-PASS

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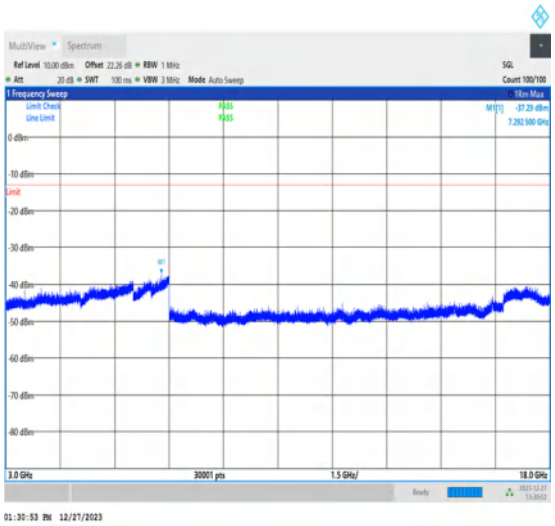	
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Field Strength of Spurious Radiation

Test Band = SA Band70_15MHz _ 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	3971.25	42.58	-46.11	30.73	-68.06	-13.00	55.06	247	303	Horizontal
2	4843.5	43.28	-45.54	32.44	-65.07	-13.00	52.07	142	19	Horizontal
3	6192.75	40.93	-44.74	34.20	-64.87	-13.00	51.87	136	182	Horizontal
4	7205.25	40.12	-43.44	36.60	-61.98	-13.00	48.98	259	317	Horizontal
5	9434.25	36.85	-39.97	38.48	-59.90	-13.00	46.90	155	0	Horizontal
6	11212.5	33.44	-37.39	39.11	-60.10	-13.00	47.10	160	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	3788.25	42.42	-45.87	30.29	-68.42	-13.00	55.42	255	243	Vertical
2	4600.5	42.23	-45.67	31.71	-66.99	-13.00	53.99	174	0	Vertical
3	5999.25	41.37	-44.83	34.13	-64.59	-13.00	51.59	146	9	Vertical
4	7246.5	40.11	-43.57	36.57	-62.15	-13.00	49.15	198	257	Vertical
5	9862.5	35.12	-39.39	38.30	-61.22	-13.00	48.22	186	317	Vertical
6	11451	32.62	-37.34	39.05	-60.93	-13.00	47.93	253	151	Vertical

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Test Band = SA Band70_15MHz _ 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	3958.5	42.45	-46.14	30.70	-68.25	-13.00	55.25	211	300	Horizontal
2	5100	41.17	-45.37	32.94	-66.53	-13.00	53.53	154	61	Horizontal
3	6069.75	41.18	-44.56	34.15	-64.49	-13.00	51.49	169	181	Horizontal
4	7047.75	40.48	-43.87	36.20	-62.44	-13.00	49.44	125	195	Horizontal
5	9407.25	36.27	-39.86	38.49	-60.36	-13.00	47.36	183	61	Horizontal
6	11238	33.40	-37.40	39.11	-60.15	-13.00	47.15	217	8	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	3669	42.00	-45.70	29.86	-69.10	-13.00	56.10	126	135	Vertical
2	4843.5	44.74	-45.54	32.44	-63.61	-13.00	50.61	231	212	Vertical
3	6172.5	40.92	-44.67	34.19	-64.82	-13.00	51.82	148	286	Vertical
4	7433.25	40.75	-43.32	36.47	-61.36	-13.00	48.36	192	8	Vertical
5	9665.25	35.74	-39.52	38.37	-60.67	-13.00	47.67	140	0	Vertical
6	11597.25	31.91	-36.91	38.89	-61.37	-13.00	48.37	120	8	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA Band70_15MHz _ 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	4584	42.19	-45.68	31.69	-67.05	-13.00	54.05	218	196	Horizontal
2	5759.25	40.89	-44.79	33.60	-65.56	-13.00	52.56	146	242	Horizontal
3	6825	40.76	-44.15	35.87	-62.78	-13.00	49.78	299	242	Horizontal
4	8796.75	37.83	-41.26	38.07	-60.62	-13.00	47.62	174	0	Horizontal
5	12930.75	32.35	-37.18	39.76	-60.33	-13.00	47.33	152	108	Horizontal
6	13368	31.38	-36.49	40.11	-60.26	-13.00	47.26	143	47	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	3745.5	42.31	-45.69	30.13	-68.51	-13.00	55.51	255	286	Vertical
2	5881.5	41.39	-44.93	33.90	-64.89	-13.00	51.89	184	196	Vertical
3	7859.25	39.62	-42.61	36.85	-61.40	-13.00	48.40	175	255	Vertical
4	10704.75	34.07	-37.91	39.14	-59.96	-13.00	46.96	163	315	Vertical
5	13324.5	31.57	-36.74	40.06	-60.37	-13.00	47.37	256	29	Vertical
6	14603.25	31.29	-35.27	39.94	-59.30	-13.00	46.30	133	105	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA Band 70 ULMIMO 15M_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3391.68	44.23	-48.38	28.66	-70.75	-13.00	57.75	Horizontal
2	5087.52	42.09	-47.84	31.71	-69.30	-13.00	56.30	Horizontal
3	6783.36	42.27	-46.83	35.12	-64.70	-13.00	51.70	Horizontal
4	8479.2	39.76	-44.25	36.87	-62.87	-13.00	49.87	Horizontal
5	10175.04	37.47	-42.07	38.66	-61.21	-13.00	48.21	Horizontal
6	11870.88	36.25	-39.96	39.23	-59.74	-13.00	46.74	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3391.68	44.26	-48.38	28.66	-70.72	-13.00	57.72	Vertical
2	5087.52	42.42	-47.84	31.71	-68.97	-13.00	55.97	Vertical
3	6783.36	42.12	-46.83	35.12	-64.85	-13.00	51.85	Vertical
4	8479.2	40.02	-44.25	36.87	-62.61	-13.00	49.61	Vertical
5	10175.04	37.34	-42.07	38.66	-61.34	-13.00	48.34	Vertical
6	11870.88	36.17	-39.96	39.23	-59.82	-13.00	46.82	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA Band 70 ULMIMO 10M_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3391.18	43.79	-48.38	28.66	-71.19	-13.00	58.19	Horizontal
2	5086.77	41.68	-47.84	31.71	-69.71	-13.00	56.71	Horizontal
3	6782.36	41.67	-46.83	35.12	-65.30	-13.00	52.30	Horizontal
4	8477.95	40.05	-44.24	36.87	-62.58	-13.00	49.58	Horizontal
5	10173.54	37.63	-42.07	38.66	-61.04	-13.00	48.04	Horizontal
6	11869.13	35.42	-39.95	39.23	-60.57	-13.00	47.57	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3391.18	44.43	-48.38	28.66	-70.55	-13.00	57.55	Vertical
2	5086.77	42.06	-47.84	31.71	-69.33	-13.00	56.33	Vertical
3	6782.36	41.58	-46.83	35.12	-65.39	-13.00	52.39	Vertical
4	8477.95	40.37	-44.24	36.87	-62.26	-13.00	49.26	Vertical
5	10173.54	37.75	-42.07	38.66	-60.92	-13.00	47.92	Vertical
6	11869.13	35.88	-39.95	39.23	-60.11	-13.00	47.11	Vertical

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Test Band = SA Band 70 ULMIMO 10M_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3396.18	44.11	-48.40	28.66	-70.89	-13.00	57.89	Horizontal
2	5094.27	42.11	-47.83	31.73	-69.25	-13.00	56.25	Horizontal
3	6792.36	42.17	-46.87	35.14	-64.81	-13.00	51.81	Horizontal
4	8490.45	39.52	-44.26	36.89	-63.12	-13.00	50.12	Horizontal
5	10188.54	37.57	-42.11	38.67	-61.13	-13.00	48.13	Horizontal
6	11886.63	36.24	-39.97	39.22	-59.77	-13.00	46.77	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3396.18	44.19	-48.40	28.66	-70.81	-13.00	57.81	Vertical
2	5094.27	42.47	-47.83	31.73	-68.89	-13.00	55.89	Vertical
3	6792.36	42.04	-46.87	35.14	-64.94	-13.00	51.94	Vertical
4	8490.45	39.45	-44.26	36.89	-63.19	-13.00	50.19	Vertical
5	10188.54	38.06	-42.11	38.67	-60.64	-13.00	47.64	Vertical
6	11886.63	35.95	-39.97	39.22	-60.06	-13.00	47.06	Vertical

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Test Band = SA Band 70 ULMIMO 10M_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3401.18	43.77	-48.41	28.66	-71.24	-13.00	58.24	Horizontal
2	5101.77	42.56	-47.82	31.75	-68.78	-13.00	55.78	Horizontal
3	6802.36	42.30	-46.89	35.17	-64.68	-13.00	51.68	Horizontal
4	8502.95	39.46	-44.27	36.90	-63.16	-13.00	50.16	Horizontal
5	10203.54	37.37	-42.10	38.68	-61.31	-13.00	48.31	Horizontal
6	11904.13	36.24	-39.96	39.22	-59.76	-13.00	46.76	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3401.18	43.60	-48.41	28.66	-71.41	-13.00	58.41	Vertical
2	5101.77	42.59	-47.82	31.75	-68.75	-13.00	55.75	Vertical
3	6802.36	42.15	-46.89	35.17	-64.83	-13.00	51.83	Vertical
4	8502.95	39.40	-44.27	36.90	-63.22	-13.00	50.22	Vertical
5	10203.54	37.29	-42.10	38.68	-61.39	-13.00	48.39	Vertical
6	11904.13	36.14	-39.96	39.22	-59.86	-13.00	46.86	Vertical

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Test Band = NR CA n26A-n70A 15M_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3912.75	44.76	-48.28	29.28	-69.50	-13.00	56.50	Horizontal
2	5472	43.99	-47.64	32.63	-66.28	-13.00	53.28	Horizontal
3	7150.5	42.73	-46.02	35.96	-62.59	-13.00	49.59	Horizontal
4	9561.75	40.27	-42.29	38.11	-59.17	-13.00	46.17	Horizontal
5	12611.25	37.75	-39.02	38.83	-57.70	-13.00	44.70	Horizontal
6	14823.75	35.86	-36.97	40.24	-56.13	-13.00	43.13	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3810.75	44.36	-48.19	29.14	-69.96	-13.00	56.96	Vertical
2	5235.75	44.15	-47.85	32.07	-66.89	-13.00	53.89	Vertical
3	6696.75	43.33	-46.57	34.93	-63.56	-13.00	50.56	Vertical
4	8813.25	41.34	-44.00	37.34	-60.58	-13.00	47.58	Vertical
5	11136.75	38.03	-40.35	39.37	-58.21	-13.00	45.21	Vertical
6	15236.25	35.71	-37.10	39.65	-57.00	-13.00	44.00	Vertical

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Test Band = NR CA n26A-n70A 10M_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3564	44.99	-48.28	28.79	-69.76	-13.00	56.76	Horizontal
2	4396.5	45.25	-48.10	30.11	-67.99	-13.00	54.99	Horizontal
3	5954.25	44.00	-47.34	32.79	-65.81	-13.00	52.81	Horizontal
4	7671	42.69	-45.02	36.59	-61.00	-13.00	48.00	Horizontal
5	10283.25	38.63	-41.32	38.75	-59.19	-13.00	46.19	Horizontal
6	14748	35.78	-36.76	40.30	-55.94	-13.00	42.94	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3315	45.18	-48.09	28.63	-69.54	-13.00	56.54	Vertical
2	4854	44.01	-48.02	31.15	-68.12	-13.00	55.12	Vertical
3	7048.5	42.67	-46.23	35.72	-63.10	-13.00	50.10	Vertical
4	9541.5	40.15	-42.32	38.09	-59.34	-13.00	46.34	Vertical
5	12086.25	37.37	-39.60	39.15	-58.34	-13.00	45.34	Vertical
6	14729.25	35.61	-36.73	40.32	-56.06	-13.00	43.06	Vertical

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Test Band = NR CA n26A-n70A 10M_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3906.75	44.86	-48.28	29.27	-69.41	-13.00	56.41	Horizontal
2	5469.75	44.09	-47.64	32.63	-66.19	-13.00	53.19	Horizontal
3	7686.75	43.17	-45.13	36.58	-60.64	-13.00	47.64	Horizontal
4	8940	40.86	-43.69	37.52	-60.57	-13.00	47.57	Horizontal
5	11266.5	38.51	-40.42	39.35	-57.82	-13.00	44.82	Horizontal
6	13951.5	37.11	-38.94	40.79	-56.30	-13.00	43.30	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3595.5	45.01	-48.28	28.83	-69.70	-13.00	56.70	Vertical
2	4163.25	46.39	-48.25	29.69	-67.43	-13.00	54.43	Vertical
3	5319.75	44.48	-47.77	32.27	-66.28	-13.00	53.28	Vertical
4	7679.25	42.79	-45.08	36.58	-60.96	-13.00	47.96	Vertical
5	9601.5	39.87	-42.24	38.14	-59.49	-13.00	46.49	Vertical
6	12100.5	37.41	-39.63	39.14	-58.34	-13.00	45.34	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA n26A-n70A 10M_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3579	45.10	-48.28	28.81	-69.63	-13.00	56.63	Horizontal
2	4646.25	44.36	-47.98	30.65	-68.23	-13.00	55.23	Horizontal
3	6304.5	43.19	-47.30	33.84	-65.54	-13.00	52.54	Horizontal
4	8196.75	41.40	-44.20	36.48	-61.58	-13.00	48.58	Horizontal
5	11380.5	37.97	-40.15	39.32	-58.12	-13.00	45.12	Horizontal
6	14781.75	35.56	-36.82	40.27	-56.24	-13.00	43.24	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3526.5	45.17	-48.29	28.74	-69.64	-13.00	56.64	Vertical
2	4661.25	45.04	-47.98	30.69	-67.51	-13.00	54.51	Vertical
3	6698.25	43.37	-46.56	34.94	-63.51	-13.00	50.51	Vertical
4	10890	37.87	-40.08	39.30	-58.17	-13.00	45.17	Vertical
5	14703	35.65	-36.69	40.34	-55.96	-13.00	42.96	Vertical
6	17824.5	34.46	-37.18	44.18	-53.80	-13.00	40.80	Vertical

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Test Band = NR CA n71A-n70A_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3706.5	44.82	-48.49	28.99	-69.94	-13.00	56.94	Horizontal
2	5024.25	43.60	-47.96	31.56	-68.07	-13.00	55.07	Horizontal
3	6681	42.66	-46.65	34.90	-64.35	-13.00	51.35	Horizontal
4	8346.75	41.20	-44.34	36.69	-61.72	-13.00	48.72	Horizontal
5	10872	37.49	-40.21	39.28	-58.69	-13.00	45.69	Horizontal
6	13679.25	33.56	-38.19	40.16	-59.73	-13.00	46.73	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3429.75	44.84	-48.37	28.67	-70.12	-13.00	57.12	Vertical
2	4891.5	44.08	-48.03	31.24	-67.97	-13.00	54.97	Vertical
3	7035	42.55	-46.33	35.68	-63.36	-13.00	50.36	Vertical
4	8829	40.92	-44.00	37.36	-60.98	-13.00	47.98	Vertical
5	10828.5	37.24	-40.52	39.25	-59.29	-13.00	46.29	Vertical
6	13673.25	33.69	-38.26	40.15	-59.68	-13.00	46.68	Vertical

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Test Band = NR CA n71A-n70A_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3802.5	44.49	-48.18	29.12	-69.83	-13.00	56.83	Horizontal
2	4791.75	43.64	-48.01	31.00	-68.63	-13.00	55.63	Horizontal
3	6246	42.58	-47.44	33.64	-66.49	-13.00	53.49	Horizontal
4	7707	42.62	-45.19	36.55	-61.28	-13.00	48.28	Horizontal
5	11428.5	36.36	-40.07	39.31	-59.66	-13.00	46.66	Horizontal
6	13677	33.95	-38.22	40.16	-59.37	-13.00	46.37	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3537	44.88	-48.29	28.75	-69.91	-13.00	56.91	Vertical
2	5315.25	43.80	-47.77	32.26	-66.97	-13.00	53.97	Vertical
3	7041	42.62	-46.28	35.70	-63.23	-13.00	50.23	Vertical
4	8721.75	40.72	-44.09	37.21	-61.42	-13.00	48.42	Vertical
5	10757.25	37.59	-40.84	39.18	-59.33	-13.00	46.33	Vertical
6	13724.25	33.25	-38.22	40.27	-59.97	-13.00	46.97	Vertical

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Test Band = NR CA n71A-n70A_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3774	44.54	-48.27	29.08	-69.90	-13.00	56.90	Horizontal
2	4675.5	44.25	-47.97	30.72	-68.26	-13.00	55.26	Horizontal
3	6273	42.87	-47.38	33.73	-66.04	-13.00	53.04	Horizontal
4	7677	42.14	-45.06	36.59	-61.60	-13.00	48.60	Horizontal
5	10030.5	38.11	-41.75	38.53	-60.37	-13.00	47.37	Horizontal
6	13602.75	34.26	-39.02	39.99	-60.03	-13.00	47.03	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3809.25	44.47	-48.19	29.13	-69.85	-13.00	56.85	Vertical
2	4984.5	43.75	-48.01	31.46	-68.06	-13.00	55.06	Vertical
3	6618.75	43.36	-46.96	34.76	-64.10	-13.00	51.10	Vertical
4	7825.5	41.66	-45.05	36.41	-62.24	-13.00	49.24	Vertical
5	10401.75	37.89	-41.23	38.86	-59.74	-13.00	46.74	Vertical
6	13677.75	33.62	-38.21	40.16	-59.69	-13.00	46.69	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

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N70	15	15	DFT-PI2BPSK	M	Outer_Full	VH	NT	1.000000	0.000587	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	VN	NT	-0.600000	-0.000352	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	VL	NT	3.900000	0.002291	PASS
N70	15	15	CP-QPSK	M	Outer_Full	VH	NT	-2.500000	-0.001468	PASS
N70	15	15	CP-QPSK	M	Outer_Full	VN	NT	-3.100000	-0.001821	PASS
N70	15	15	CP-QPSK	M	Outer_Full	VL	NT	-1.400000	-0.000822	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-30	0.700000	0.000411	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-20	4.700000	0.002761	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-10	2.800000	0.001645	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	0	2.600000	0.001527	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	10	1.800000	0.001057	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	20	-2.200000	-0.001292	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	30	-1.200000	-0.000705	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	40	3.300000	0.001938	PASS
N70	15	15	DFT-	M	Outer_Full	NV	50	1.700000	0.000999	PASS

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			PI2BPSK							
N70	15	15	CP-QPSK	M	Outer_Full	NV	-30	-1.200000	-0.000705	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	-20	-1.600000	-0.000940	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	-10	-1.700000	-0.000999	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	0	-3.400000	-0.001997	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	10	-3.500000	-0.002056	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	20	-4.000000	-0.002349	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	30	-2.700000	-0.001586	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	40	-3.700000	-0.002173	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	50	-3.600000	-0.002115	PASS

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