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Appendix B.37

NR Band n30



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Member of the SGS Group (SGS SA)

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.40	17.70	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.32	17.62	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Outer_Full	23.47	17.77	23.98	PASS
N30	15	5	DFT-QPSK	L	Inner_1RB_Left	23.46	17.76	23.98	PASS
N30	15	5	DFT-QPSK	L	Inner_1RB_Right	23.37	17.67	23.98	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	23.14	17.44	23.98	PASS
N30	15	5	DFT-16QAM	L	Inner_1RB_Left	23.34	17.64	23.98	PASS
N30	15	5	DFT-16QAM	L	Inner_1RB_Right	23.02	17.32	23.98	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	21.97	16.27	23.98	PASS
N30	15	5	DFT-64QAM	L	Inner_1RB_Left	21.61	15.91	23.98	PASS
N30	15	5	DFT-64QAM	L	Inner_1RB_Right	21.24	15.54	23.98	PASS
N30	15	5	DFT-64QAM	L	Outer_Full	21.47	15.77	23.98	PASS
N30	15	5	DFT-256QAM	L	Inner_1RB_Left	19.74	14.04	23.98	PASS
N30	15	5	DFT-256QAM	L	Inner_1RB_Right	19.56	13.86	23.98	PASS
N30	15	5	DFT-256QAM	L	Outer_Full	19.82	14.12	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.41	17.71	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.35	17.65	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	23.01	17.31	23.98	PASS
N30	15	5	DFT-QPSK	M	Inner_1RB_Left	23.39	17.69	23.98	PASS
N30	15	5	DFT-QPSK	M	Inner_1RB_Right	23.34	17.64	23.98	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	22.39	16.69	23.98	PASS
N30	15	5	DFT-16QAM	M	Inner_1RB_Left	22.53	16.83	23.98	PASS
N30	15	5	DFT-16QAM	M	Inner_1RB_Right	22.59	16.89	23.98	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	21.31	15.61	23.98	PASS
N30	15	5	DFT-64QAM	M	Inner_1RB_Left	20.79	15.09	23.98	PASS
N30	15	5	DFT-64QAM	M	Inner_1RB_Right	20.82	15.12	23.98	PASS
N30	15	5	DFT-64QAM	M	Outer_Full	20.79	15.09	23.98	PASS
N30	15	5	DFT-256QAM	M	Inner_1RB_Left	19.24	13.54	23.98	PASS
N30	15	5	DFT-256QAM	M	Inner_1RB_Right	19.34	13.64	23.98	PASS
N30	15	5	DFT-256QAM	M	Outer_Full	19.36	13.66	23.98	PASS



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N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.38	17.68	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.44	17.74	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	22.79	17.09	23.98	PASS
N30	15	5	DFT-QPSK	H	Inner_1RB_Left	23.12	17.42	23.98	PASS
N30	15	5	DFT-QPSK	H	Inner_1RB_Right	23.34	17.64	23.98	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	22.32	16.62	23.98	PASS
N30	15	5	DFT-16QAM	H	Inner_1RB_Left	22.37	16.67	23.98	PASS
N30	15	5	DFT-16QAM	H	Inner_1RB_Right	22.67	16.97	23.98	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	21.19	15.49	23.98	PASS
N30	15	5	DFT-64QAM	H	Inner_1RB_Left	20.67	14.97	23.98	PASS
N30	15	5	DFT-64QAM	H	Inner_1RB_Right	21.02	15.32	23.98	PASS
N30	15	5	DFT-64QAM	H	Outer_Full	20.85	15.15	23.98	PASS
N30	15	5	DFT-256QAM	H	Inner_1RB_Left	19.15	13.45	23.98	PASS
N30	15	5	DFT-256QAM	H	Inner_1RB_Right	19.52	13.82	23.98	PASS
N30	15	5	DFT-256QAM	H	Outer_Full	19.40	13.70	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	22.98	17.28	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	22.95	17.25	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	22.45	16.75	23.98	PASS
N30	15	10	DFT-QPSK	L	Inner_1RB_Left	23.37	17.67	23.98	PASS
N30	15	10	DFT-QPSK	L	Inner_1RB_Right	23.32	17.62	23.98	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	21.94	16.24	23.98	PASS
N30	15	10	DFT-16QAM	L	Inner_1RB_Left	21.76	16.06	23.98	PASS
N30	15	10	DFT-16QAM	L	Inner_1RB_Right	21.74	16.04	23.98	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	20.92	15.22	23.98	PASS
N30	15	10	DFT-64QAM	L	Inner_1RB_Left	20.13	14.43	23.98	PASS
N30	15	10	DFT-64QAM	L	Inner_1RB_Right	20.12	14.42	23.98	PASS
N30	15	10	DFT-64QAM	L	Outer_Full	20.49	14.79	23.98	PASS
N30	15	10	DFT-256QAM	L	Inner_1RB_Left	18.67	12.97	23.98	PASS
N30	15	10	DFT-256QAM	L	Inner_1RB_Right	18.69	12.99	23.98	PASS
N30	15	10	DFT-256QAM	L	Outer_Full	18.52	12.82	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.00	17.30	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	22.91	17.21	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	22.47	16.77	23.98	PASS
N30	15	10	DFT-QPSK	M	Inner_1RB_Left	22.90	17.20	23.98	PASS
N30	15	10	DFT-QPSK	M	Inner_1RB_Right	22.87	17.17	23.98	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	21.96	16.26	23.98	PASS
N30	15	10	DFT-16QAM	M	Inner_1RB_Left	21.93	16.23	23.98	PASS



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N30	15	10	DFT-16QAM	M	Inner_1RB_Right	21.90	16.20	23.98	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	21.01	15.31	23.98	PASS
N30	15	10	DFT-64QAM	M	Inner_1RB_Left	20.39	14.69	23.98	PASS
N30	15	10	DFT-64QAM	M	Inner_1RB_Right	20.29	14.59	23.98	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	20.48	14.78	23.98	PASS
N30	15	10	DFT-256QAM	M	Inner_1RB_Left	18.66	12.96	23.98	PASS
N30	15	10	DFT-256QAM	M	Inner_1RB_Right	18.66	12.96	23.98	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	18.54	12.84	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	22.97	17.27	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	22.98	17.28	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	22.45	16.75	23.98	PASS
N30	15	10	DFT-QPSK	H	Inner_1RB_Left	23.45	17.75	23.98	PASS
N30	15	10	DFT-QPSK	H	Inner_1RB_Right	23.35	17.65	23.98	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	21.98	16.28	23.98	PASS
N30	15	10	DFT-16QAM	H	Inner_1RB_Left	21.93	16.23	23.98	PASS
N30	15	10	DFT-16QAM	H	Inner_1RB_Right	21.84	16.14	23.98	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	21.02	15.32	23.98	PASS
N30	15	10	DFT-64QAM	H	Inner_1RB_Left	20.36	14.66	23.98	PASS
N30	15	10	DFT-64QAM	H	Inner_1RB_Right	20.36	14.66	23.98	PASS
N30	15	10	DFT-64QAM	H	Outer_Full	20.48	14.78	23.98	PASS
N30	15	10	DFT-256QAM	H	Inner_1RB_Left	18.68	12.98	23.98	PASS
N30	15	10	DFT-256QAM	H	Inner_1RB_Right	18.65	12.95	23.98	PASS
N30	15	10	DFT-256QAM	H	Outer_Full	18.52	12.82	23.98	PASS



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Power Spectral Density Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	EIRP	Limit	Verdict
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	22.03	16.33	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	21.45	15.75	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Outer_Full	20.2	14.5	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	21.56	15.86	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	21.67	15.97	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	20.11	14.41	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	21.5	15.8	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	22.13	16.43	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	20.39	14.69	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	21.78	16.08	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	22.27	16.57	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	18.82	13.12	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	21.32	15.62	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	21.95	16.25	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	18.53	12.83	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	21.02	15.32	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	21.79	16.09	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	18.45	12.75	23.98	PASS



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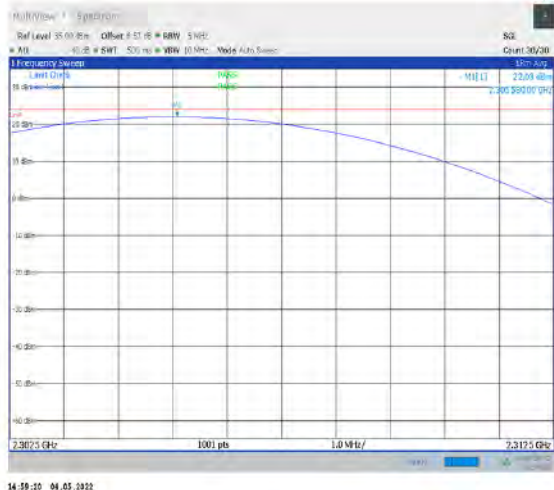
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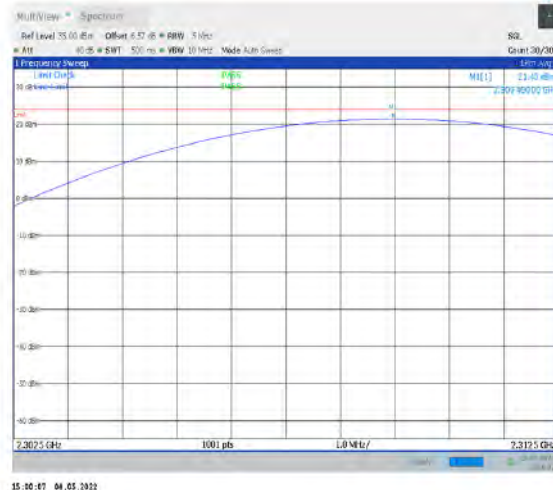
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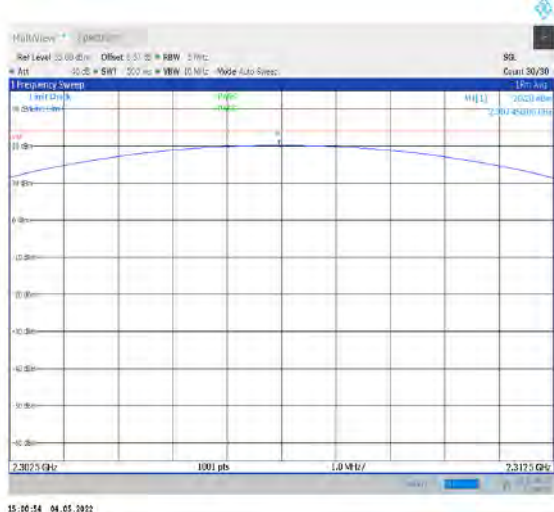
Test Graphs



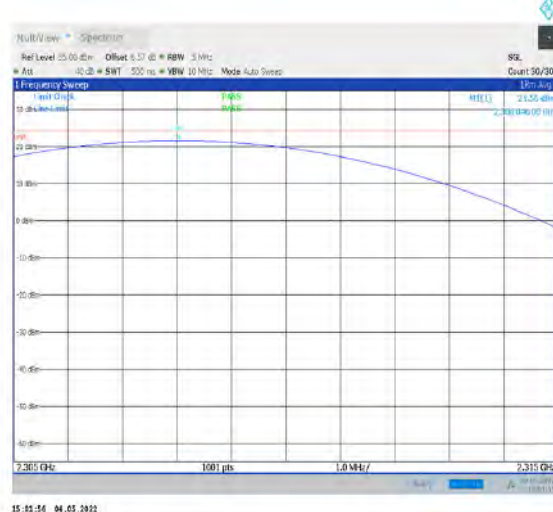
1-N30-PC3-15-5-L-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-2302.5-2312.5-Ant1-22.03-
23.98-PASS



1-N30-PC3-15-5-L-2-DFT-PI2BPSK-
Inner_1RB_Right-1@23-2302.5-2312.5-Ant1-21.45-
23.98-PASS



1-N30-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-
25@0-2302.5-2312.5-Ant1-20.20-23.98-PASS



1-N30-PC3-15-5-M-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-2305-2315-Ant1-21.56-23.98-PASS



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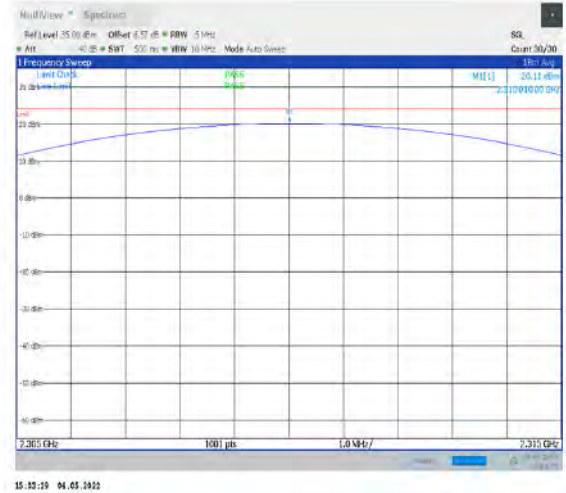
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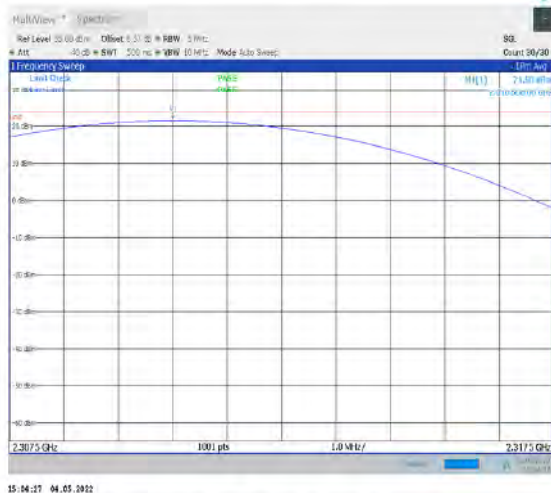
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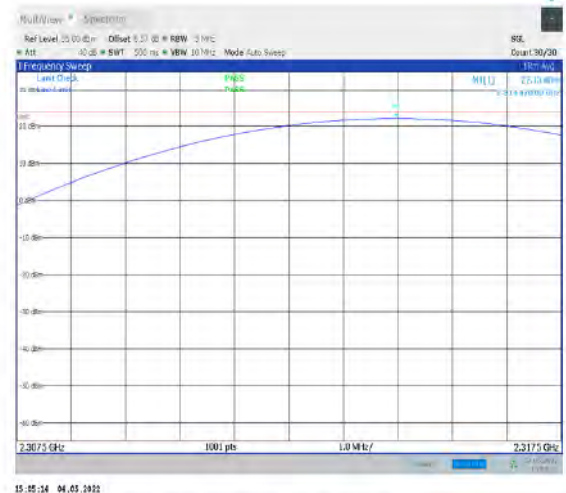
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Inner_1RB_Right-1@23-2305-2315-Ant1-21.67-
23.98-PASS



1-N30-PC3-15-5-M-3-DFT-PI2BPSK-Outer_Full-
25@0-2305-2315-Ant1-20.11-23.98-PASS



1-N30-PC3-15-5-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-2307.5-2317.5-Ant1-21.50-
23.98-PASS



1-N30-PC3-15-5-H-2-DFT-PI2BPSK-
Inner_1RB_Right-1@23-2307.5-2317.5-Ant1-22.13-
23.98-PASS



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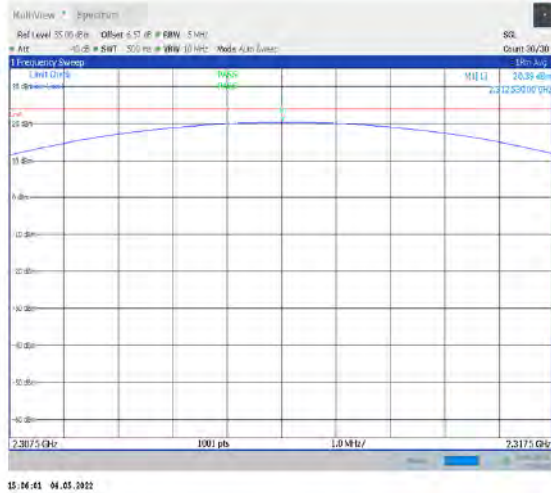
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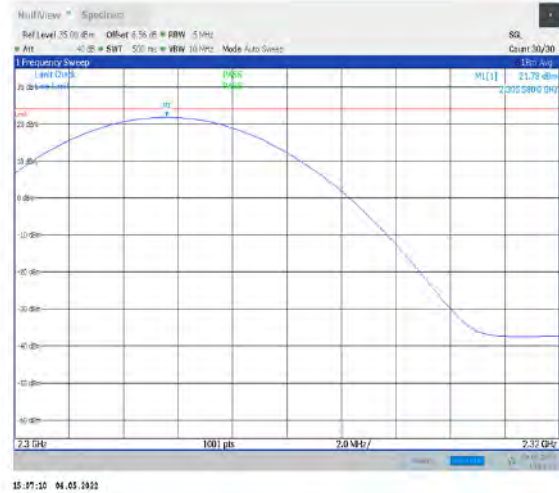
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15:14:41 04.05.2022

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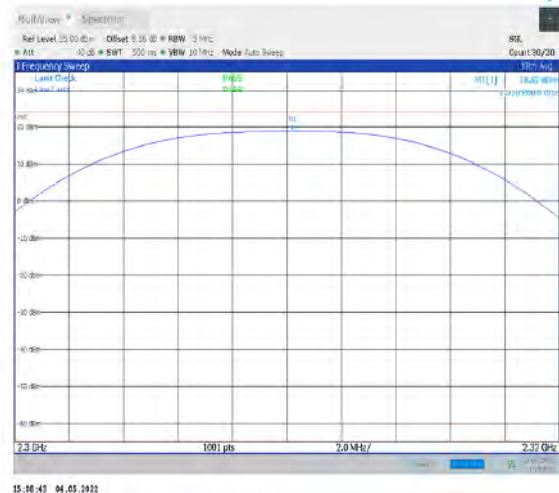
15:17:10 04.05.2022

1-N30-PC3-15-10-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-2300-2320-Ant1-21.78-23.98-PASS



15:17:17 04.05.2022

1-N30-PC3-15-10-L-2-DFT-PI2BPSK-Inner_1RB_Right-1@50-2300-2320-Ant1-22.27-23.98-PASS



15:18:47 04.05.2022

1-N30-PC3-15-10-L-3-DFT-PI2BPSK-Outter_Full-50@0-2300-2320-Ant1-18.82-23.98-PASS



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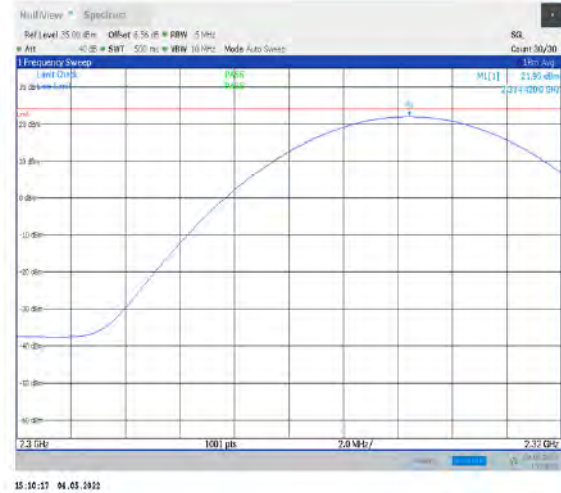
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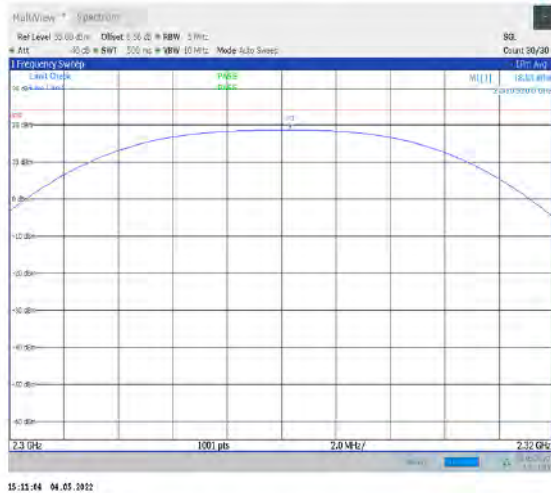
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1-N30-PC3-15-10-M-1-DFT-PI2BPSK-
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PASS



1-N30-PC3-15-10-M-2-DFT-PI2BPSK-
Inner_1RB_Right-1@50-2300-2320-Ant1-21.95-
23.98-PASS



1-N30-PC3-15-10-M-3-DFT-PI2BPSK-Outer_Full-
50@0-2300-2320-Ant1-18.53-23.98-PASS



1-N30-PC3-15-10-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-2300-2320-Ant1-21.02-23.98-
PASS



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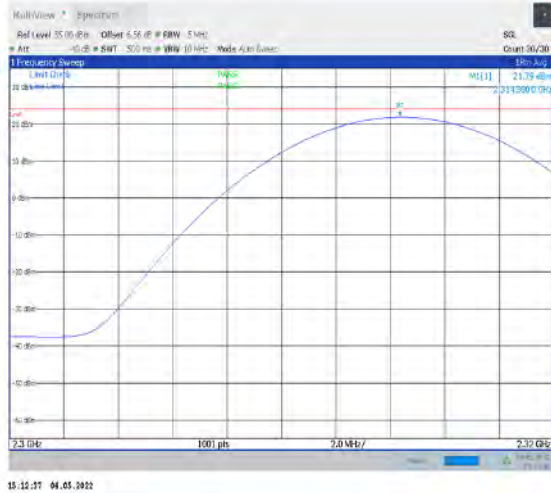
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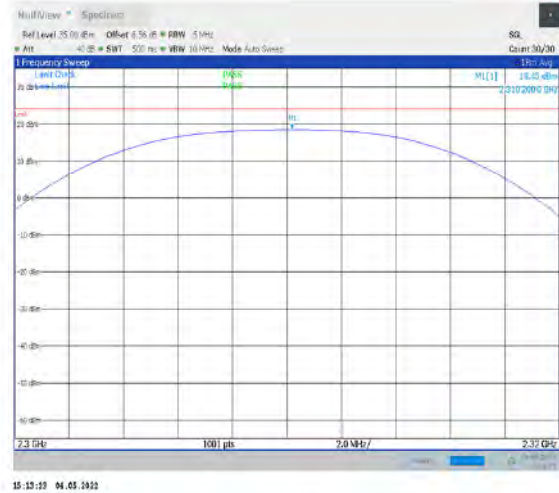
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15.12.17 04.05.2022

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Inner_1RB_Right-1@50-2300-2320-Ant1-21.79-
23.98-PASS



15.12.17 04.05.2022

1-N30-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-
50@0-2300-2320-Ant1-18.45-23.98-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
N30	15	10	DFT-256QAM	L	Outer_Full	100%	0.00	8.12	≤13	PASS
N30	15	10	CP-256QAM	L	Outer_Full	100%	0.00	9.30	≤13	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	100%	0.00	8.10	≤13	PASS
N30	15	10	CP-256QAM	M	Outer_Full	100%	0.00	9.36	≤13	PASS
N30	15	10	DFT-256QAM	H	Outer_Full	100%	0.00	8.11	≤13	PASS
N30	15	10	CP-256QAM	H	Outer_Full	100%	0.00	9.36	≤13	PASS



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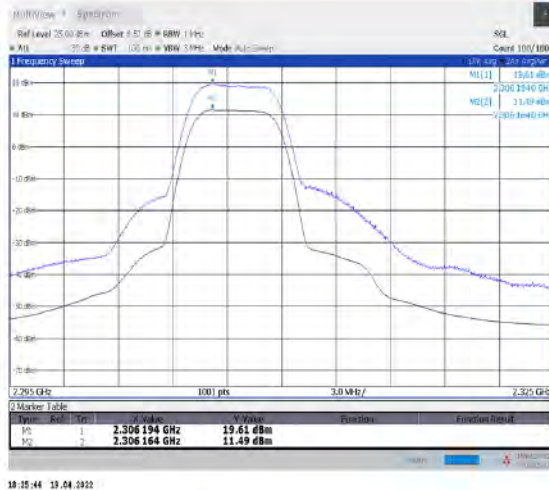
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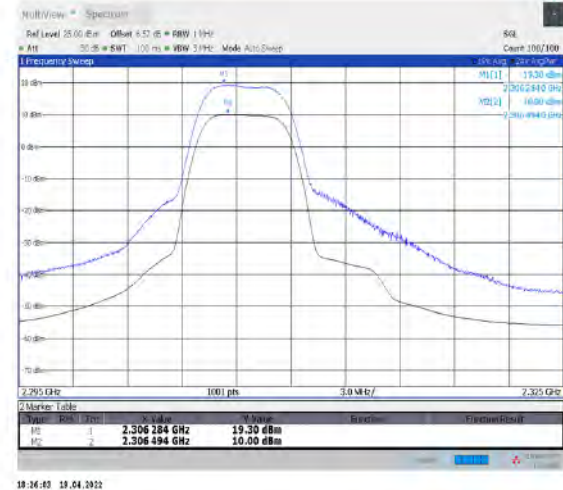
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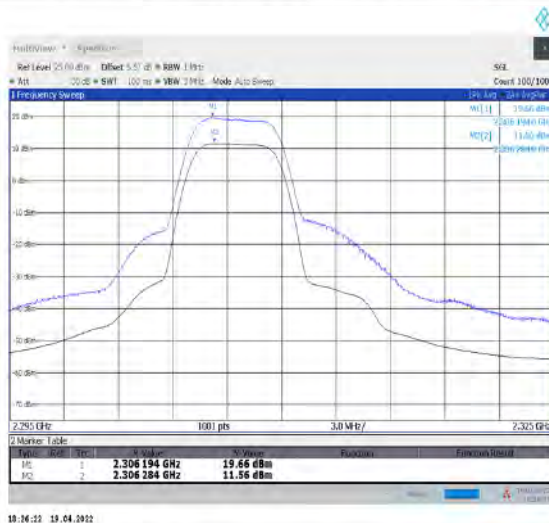
Test Graphs



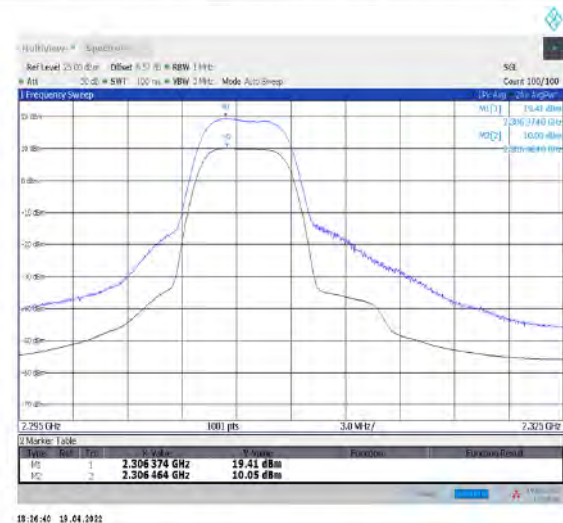
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1-N30--15-10-L-2-CP-256QAM-Outer_Full-24@0-Ant1-9.30-100%-0.00-9.30-PASS-≤13



1-N30--15-10-M-1-DFT-256QAM-Outer_Full-24@0-Ant1-8.10-100%-0.00-8.10-PASS-≤13



1-N30--15-10-M-2-CP-256QAM-Outer_Full-24@0-Ant1-9.36-100%-0.00-9.36-PASS-≤13



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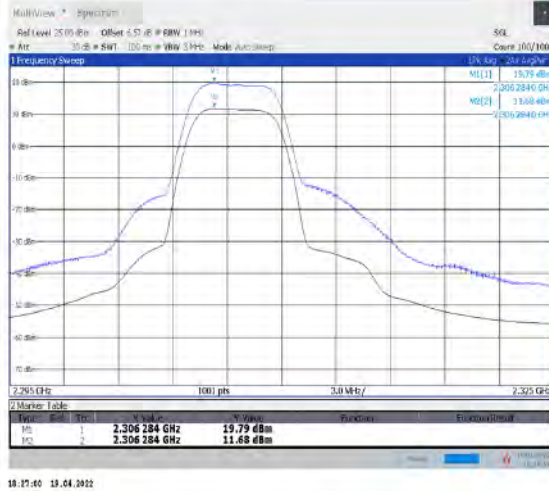
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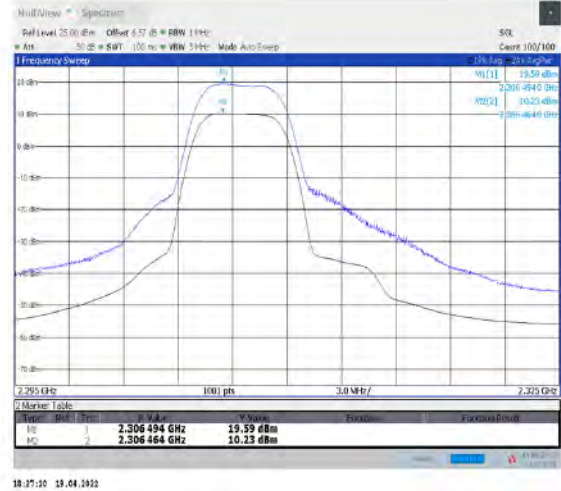
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1-N30-15-10-H-1-DFT-256QAM-Outer_Full-24@0-Ant1-8.11-100%-0.00-8.11-PASS-≤13



1-N30-15-10-H-2-CP-256QAM-Outer_Full-24@0-Ant1-9.36-100%-0.00-9.36-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
N30	15	5	DFT-QPSK	L	Outer_Full	4.495	5.170	PASS
N30	15	5	DFT-PI2BPSK	L	Outer_Full	4.475	5.030	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	4.475	5.020	PASS
N30	15	5	DFT-64QAM	L	Outer_Full	4.503	5.070	PASS
N30	15	5	DFT-256QAM	L	Outer_Full	4.473	5.050	PASS
N30	15	5	CP-QPSK	L	Outer_Full	4.472	5.100	PASS
N30	15	5	CP-16QAM	L	Outer_Full	4.463	5.050	PASS
N30	15	5	CP-64QAM	L	Outer_Full	4.476	5.120	PASS
N30	15	5	CP-256QAM	L	Outer_Full	4.483	5.110	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	4.491	5.160	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	4.463	5.060	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	4.461	4.880	PASS
N30	15	5	DFT-64QAM	M	Outer_Full	4.473	4.990	PASS
N30	15	5	DFT-256QAM	M	Outer_Full	4.473	5.020	PASS
N30	15	5	CP-QPSK	M	Outer_Full	4.464	4.930	PASS
N30	15	5	CP-16QAM	M	Outer_Full	4.485	5.150	PASS
N30	15	5	CP-64QAM	M	Outer_Full	4.474	4.990	PASS
N30	15	5	CP-256QAM	M	Outer_Full	4.471	4.880	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	4.488	5.130	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	4.457	4.950	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	4.484	5.090	PASS
N30	15	5	DFT-64QAM	H	Outer_Full	4.481	5.080	PASS
N30	15	5	DFT-256QAM	H	Outer_Full	4.477	5.160	PASS
N30	15	5	CP-QPSK	H	Outer_Full	4.470	5.050	PASS
N30	15	5	CP-16QAM	H	Outer_Full	4.482	5.100	PASS
N30	15	5	CP-64QAM	H	Outer_Full	4.485	5.060	PASS
N30	15	5	CP-256QAM	H	Outer_Full	4.469	5.070	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	8.922	9.680	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	8.937	9.860	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	8.958	9.700	PASS



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N30	15	10	DFT-64QAM	L	Outer_Full	8.951	9.640	PASS
N30	15	10	DFT-256QAM	L	Outer_Full	8.954	9.620	PASS
N30	15	10	CP-QPSK	L	Outer_Full	9.321	10.220	PASS
N30	15	10	CP-16QAM	L	Outer_Full	9.308	10.120	PASS
N30	15	10	CP-64QAM	L	Outer_Full	9.319	10.080	PASS
N30	15	10	CP-256QAM	L	Outer_Full	9.313	10.100	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	8.933	9.620	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	8.919	9.360	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	8.962	9.540	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	8.947	9.660	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	8.946	9.580	PASS
N30	15	10	CP-QPSK	M	Outer_Full	9.311	10.040	PASS
N30	15	10	CP-16QAM	M	Outer_Full	9.312	10.020	PASS
N30	15	10	CP-64QAM	M	Outer_Full	9.306	10.180	PASS
N30	15	10	CP-256QAM	M	Outer_Full	9.306	10.100	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	8.965	9.580	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	8.945	9.780	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	8.962	9.680	PASS
N30	15	10	DFT-64QAM	H	Outer_Full	8.957	9.680	PASS
N30	15	10	DFT-256QAM	H	Outer_Full	8.955	9.580	PASS
N30	15	10	CP-QPSK	H	Outer_Full	9.326	10.180	PASS
N30	15	10	CP-16QAM	H	Outer_Full	9.328	10.040	PASS
N30	15	10	CP-64QAM	H	Outer_Full	9.317	10.180	PASS
N30	15	10	CP-256QAM	H	Outer_Full	9.303	10.100	PASS



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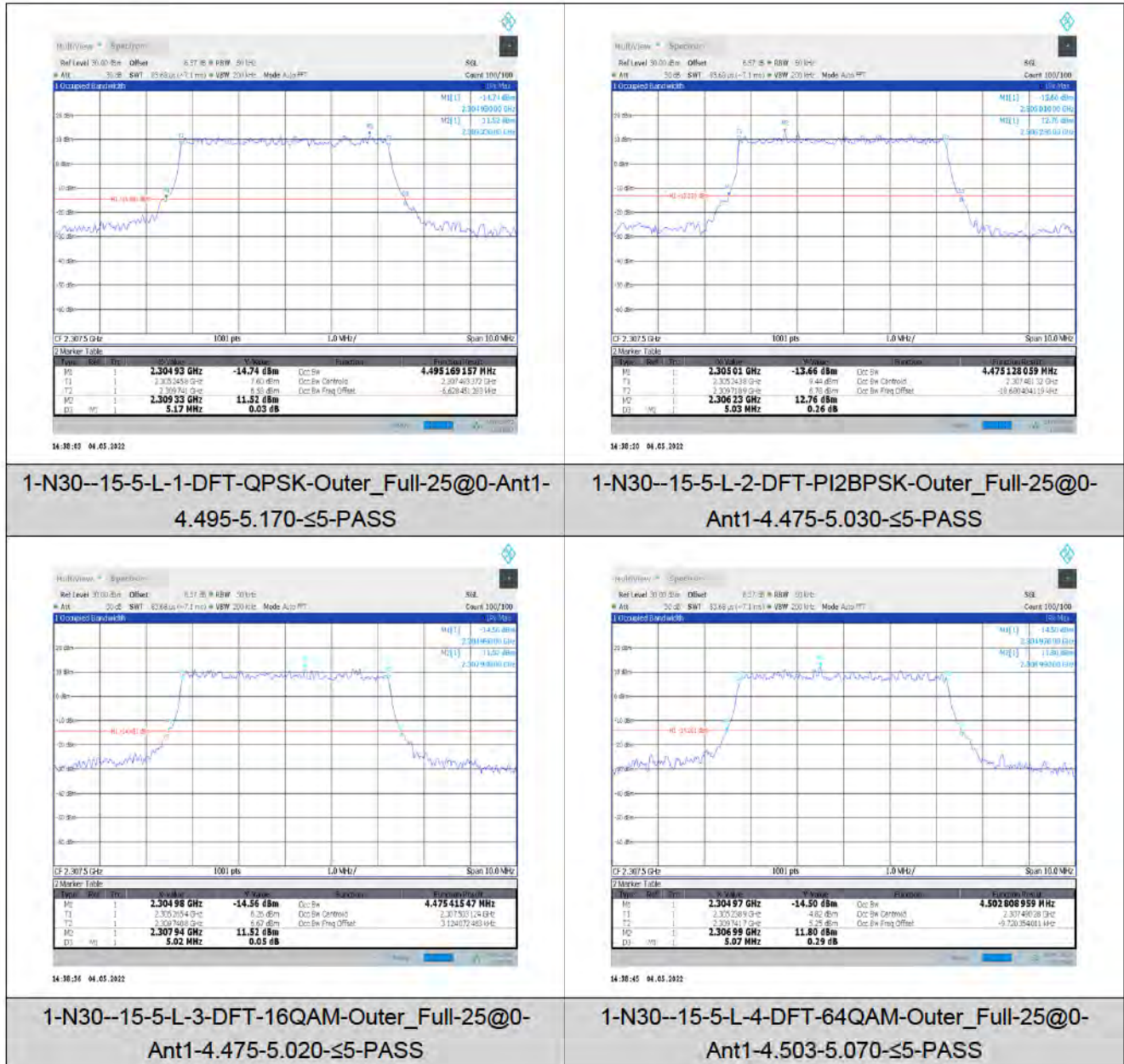
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Test Graphs



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14:38:55 04.05.2022



14:39:07 04.05.2022

1-N30--15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.473-5.050-≤5-PASS

1-N30--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.472-5.100-≤5-PASS



14:39:16 04.05.2022



14:39:25 04.05.2022

1-N30--15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.463-5.050-≤5-PASS

1-N30--15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.476-5.120-≤5-PASS



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14-39:16 04.05.2022



14-40:02 04.05.2022

1-N30--15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.483-5.110-≤5-PASS

1-N30--15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.491-5.160-≤5-PASS



14-40:18 04.05.2022



14-40:38 04.05.2022

1-N30--15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.463-5.060-≤5-PASS

1-N30--15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.461-4.880-≤5-PASS



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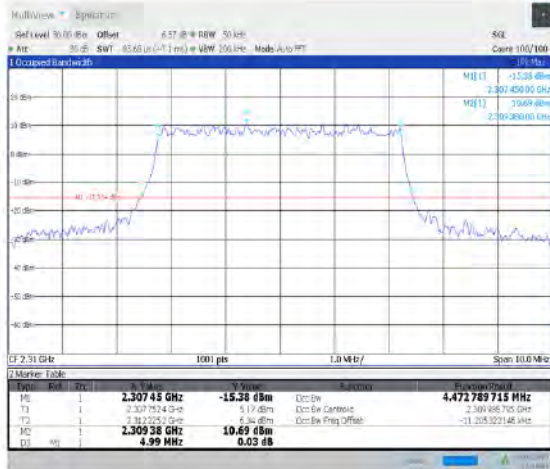
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14:40:43 04.05.2022



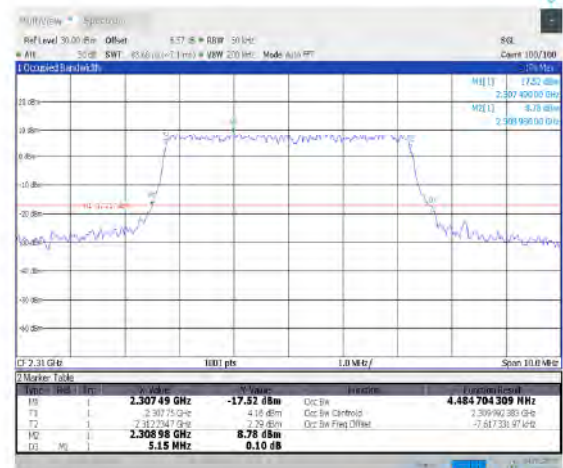
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1-N30--15-5-M4-DFT-64QAM-Outer_Full-25@0-Ant1-4.473-4.990-≤5-PASS

1-N30--15-5-M5-DFT-256QAM-Outer_Full-25@0-Ant1-4.473-5.020-≤5-PASS



14:43:46 04.05.2022



14:43:25 04.05.2022

1-N30--15-5-M6-CP-QPSK-Outer_Full-25@0-Ant1-4.464-4.930-≤5-PASS

1-N30--15-5-M7-CP-16QAM-Outer_Full-25@0-Ant1-4.485-5.150-≤5-PASS



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14.43.13 04.05.2022

1-N30--15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4.474-4.990-≤5-PASS



14.43.33 04.05.2022

1-N30--15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4.471-4.880-≤5-PASS



14.43.59 04.05.2022

1-N30--15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.488-5.130-≤5-PASS



14.44.25 04.05.2022

1-N30--15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.457-4.950-≤5-PASS



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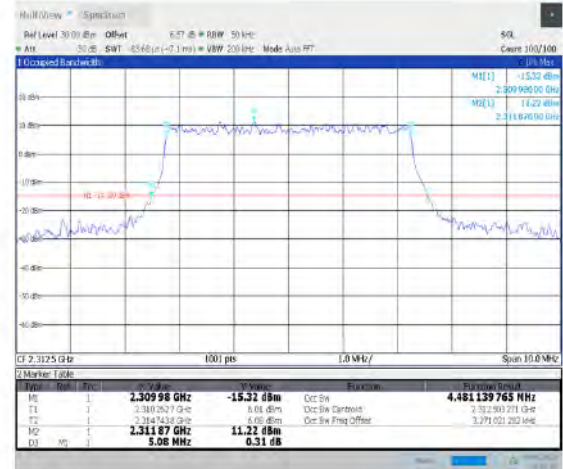
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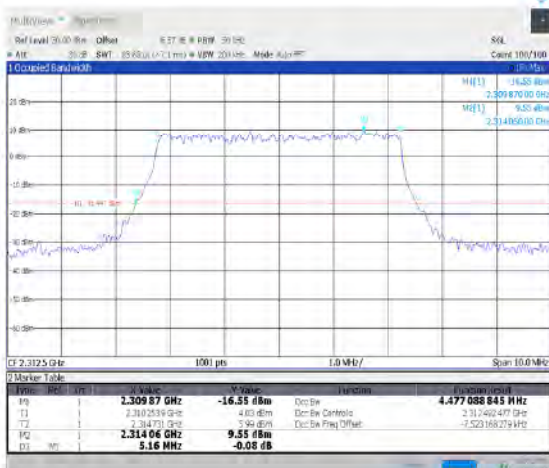
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14-02-19 04.05.2022

1-N30--15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.484-5.090-≤5-PASS

1-N30--15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.481-5.080-≤5-PASS



14-02-19 04.05.2022



14-02-19 04.05.2022

1-N30--15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.477-5.160-≤5-PASS

1-N30--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.47-5.050-≤5-PASS



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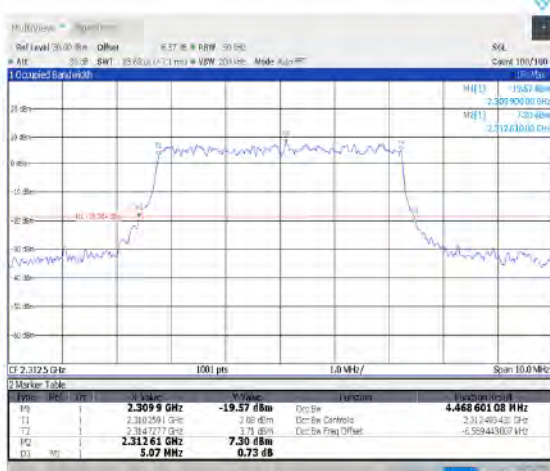
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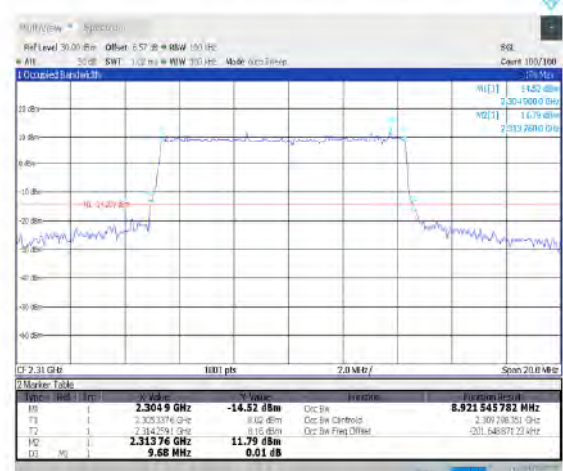
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1-N30--15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.485-5.060-≤5-PASS



14.03.19 04.03.2022



15.03.19 04.03.2022

1-N30--15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.469-5.070-≤5-PASS

1-N30--15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.922-9.680-≤10-PASS



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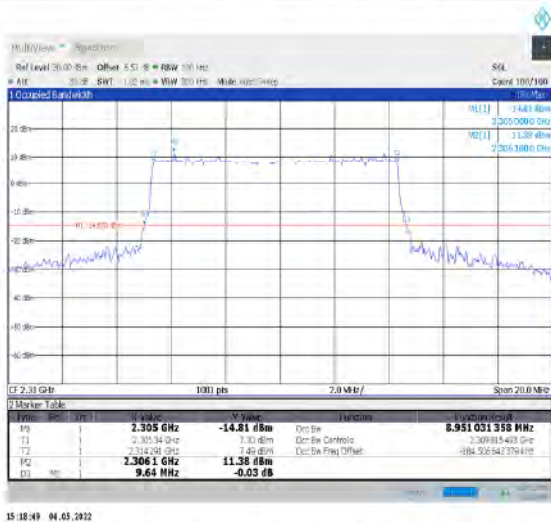
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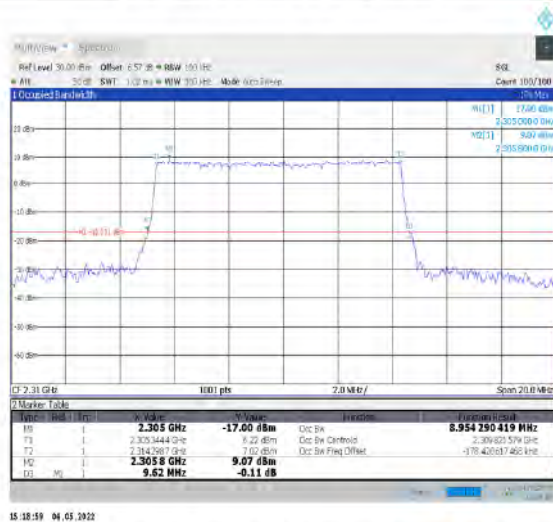
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1-N30--15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.958-9.700-≤10-PASS



15:18:49 04.05.2022



15:18:59 04.05.2022

1-N30--15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.951-9.640-≤10-PASS

1-N30--15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.954-9.620-≤10-PASS



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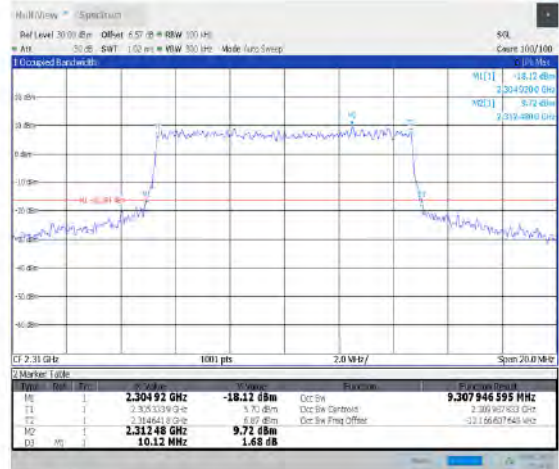
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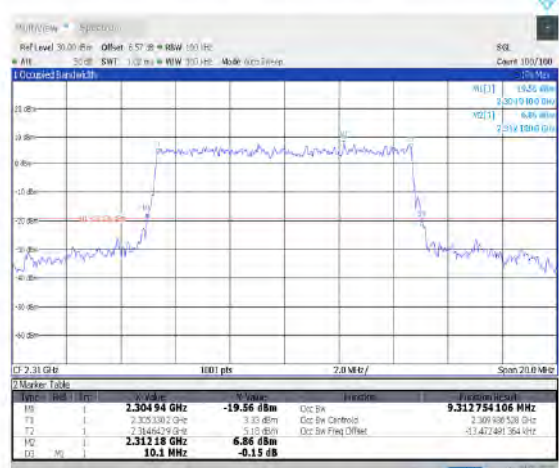
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1-N30--15-10-L-7-CP-16QAM-Outet_Full-52@0-Ant1-9.308-10.120-≤10-PASS



15:19:19 04.05.2022

1-N30--15-10-L-8-CP-64QAM-Outet_Full-52@0-Ant1-9.319-10.080-≤10-PASS



15:19:19 04.05.2022

1-N30--15-10-L-9-CP-256QAM-Outet_Full-52@0-Ant1-9.313-10.100-≤10-PASS



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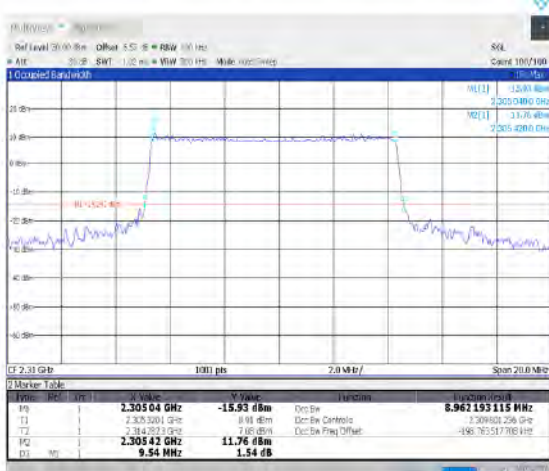
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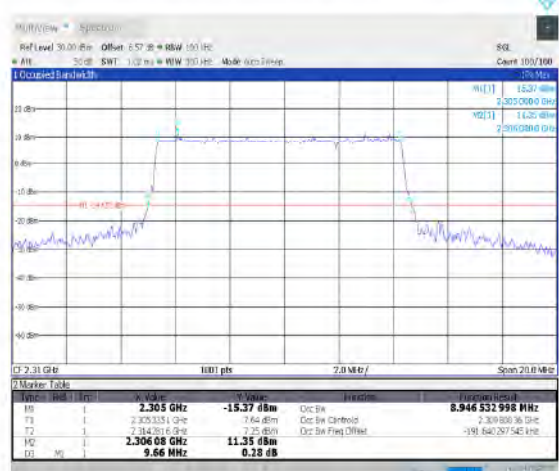
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1-N30--15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.933-9.620-≤10-PASS

1-N30--15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.919-9.360-≤10-PASS



15-10-31 04.05.2022



15-10-31 04.05.2022

1-N30--15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.962-9.540-≤10-PASS

1-N30--15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.947-9.660-≤10-PASS



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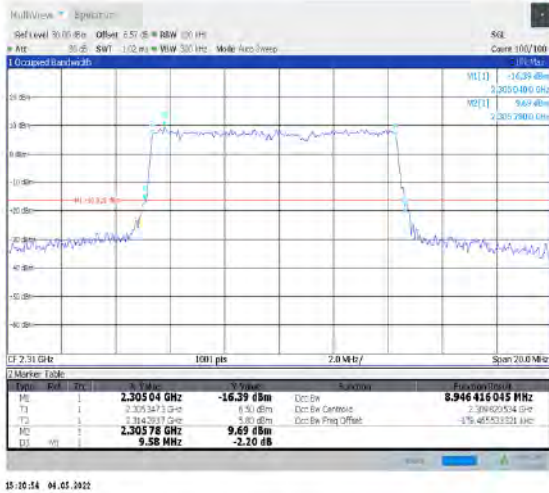
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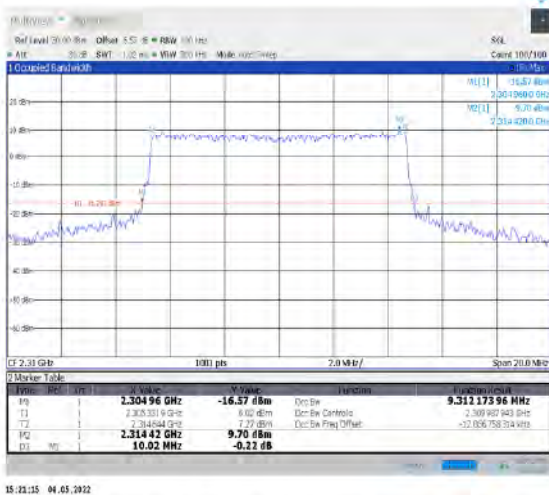
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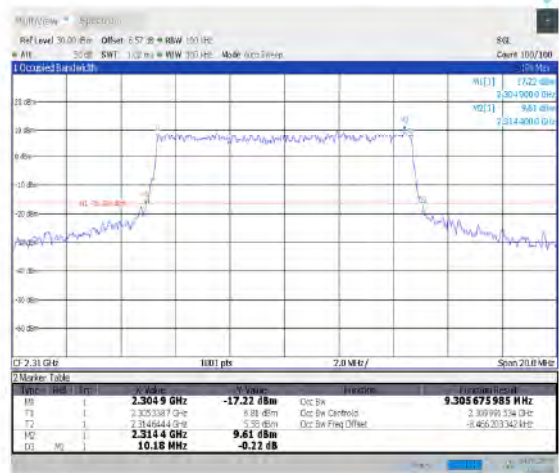
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1-N30--15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.946-9.580-≤10-PASS

1-N30--15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.311-10.040-≤10-PASS



15-10-15 04.05.2022



15-10-14 04.05.2022

1-N30--15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.312-10.020-≤10-PASS

1-N30--15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.306-10.180-≤10-PASS



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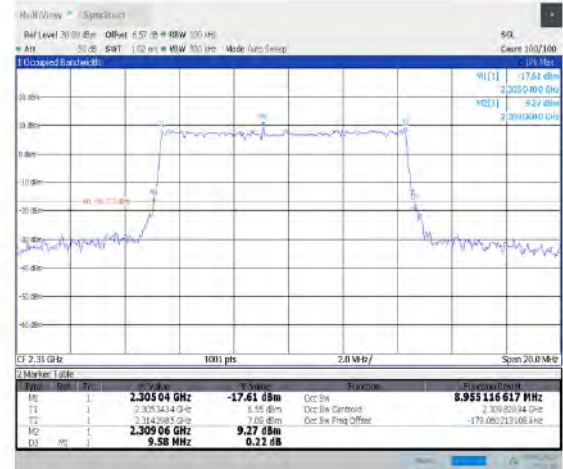
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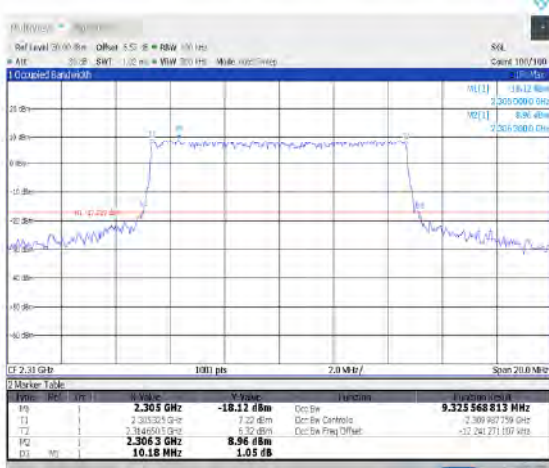
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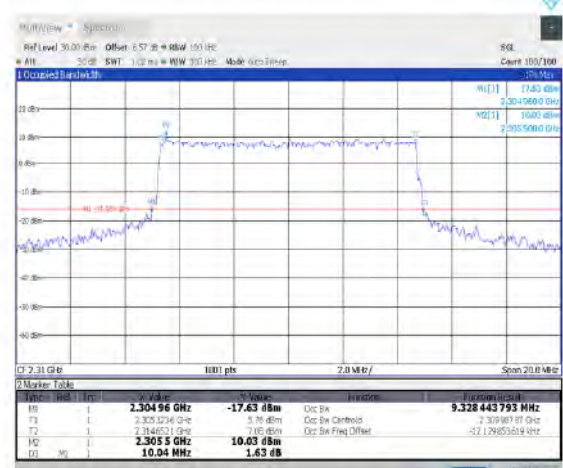
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1-N30--15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.957-9.680-≤10-PASS

1-N30--15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.955-9.580-≤10-PASS



15-10-19 04.05.2022



15-10-19 04.05.2022

1-N30--15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.326-10.180-≤10-PASS

1-N30--15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9.328-10.040-≤10-PASS



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15-10-18 04.01.2022

1-N30-15-10-H-8-CP-64QAM-Outer_Full-52@0-
Ant1-9.317-10.180-≤10-PASS



15-10-18 04.01.2022

1-N30-15-10-H-9-CP-256QAM-Outer_Full-52@0-
Ant1-9.303-10.100-≤10-PASS



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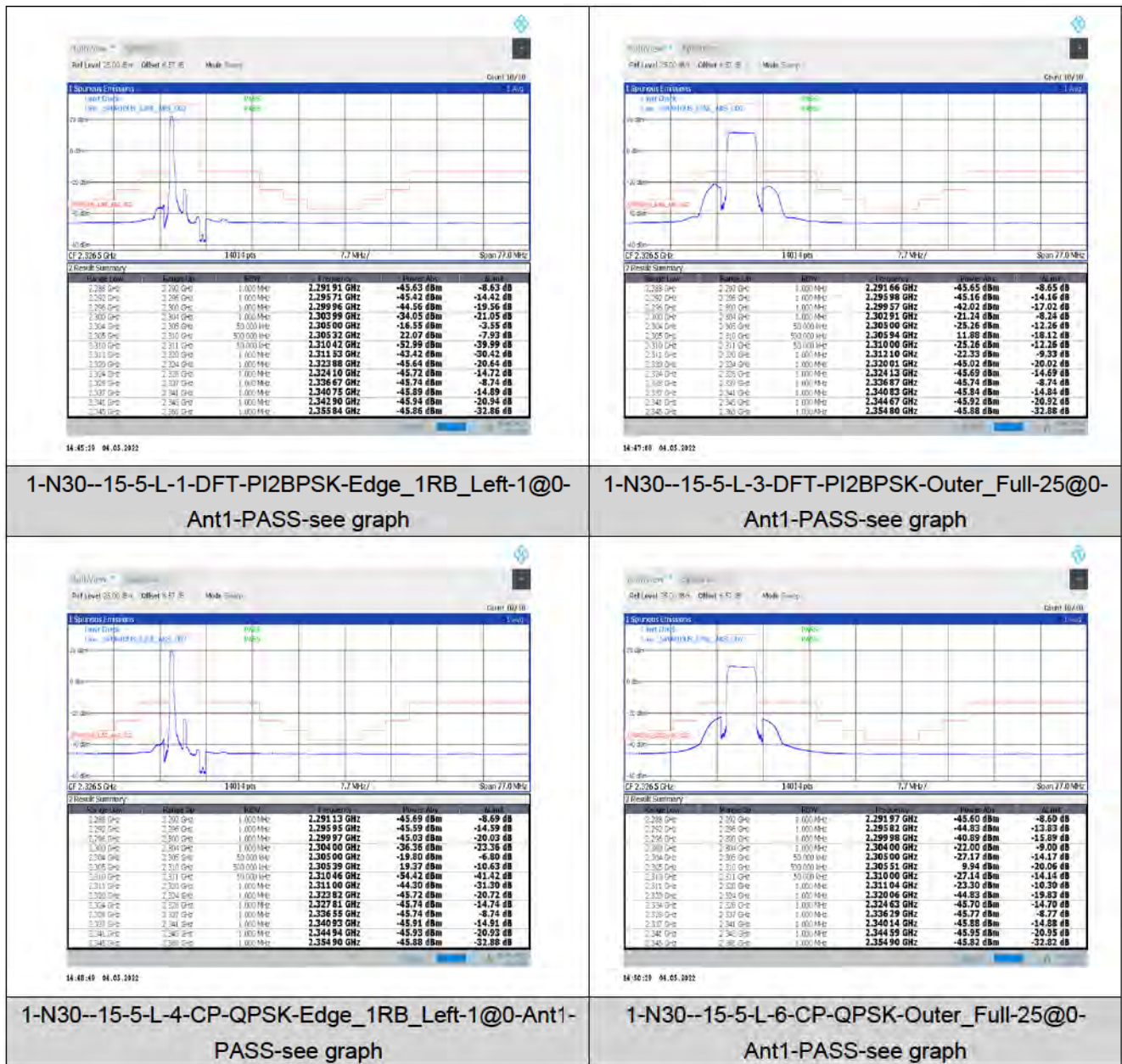
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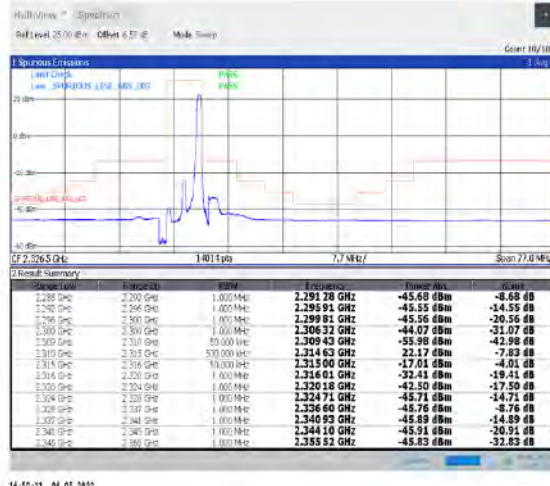
Test Graphs



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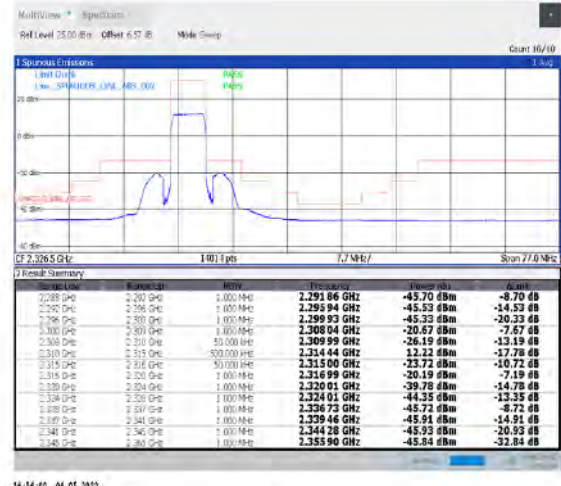
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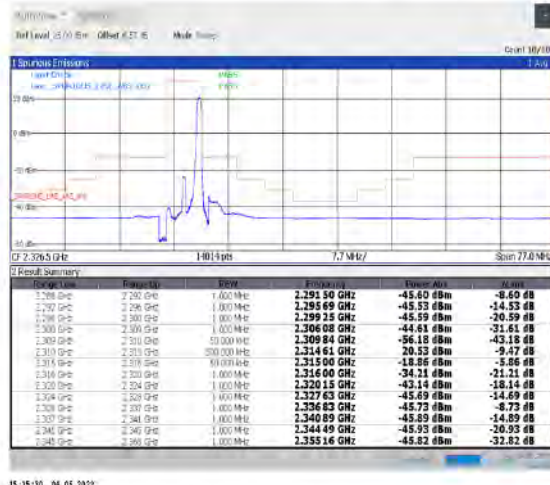
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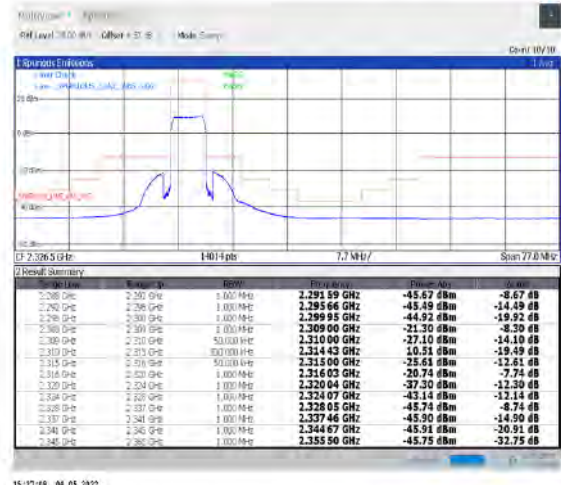
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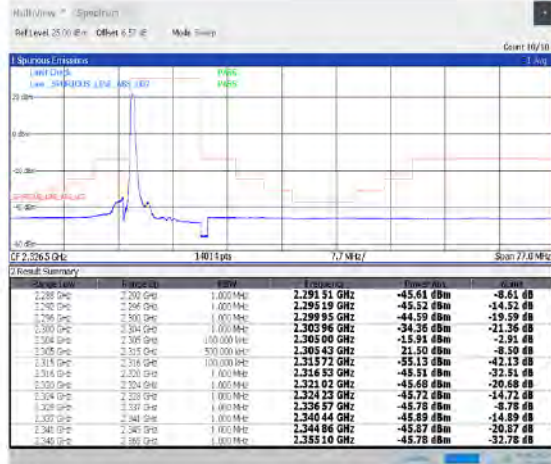
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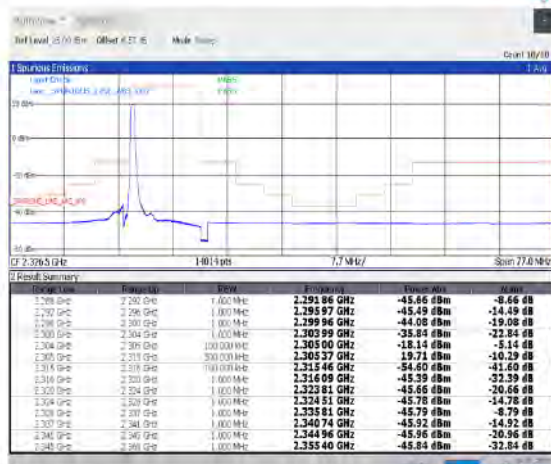
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15-10-02 04.05.2022

1-N30--15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-PASS-see graph



15-10-10 04.05.2022

1-N30--15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



15-10-05 04.05.2022

1-N30--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-PASS-see graph



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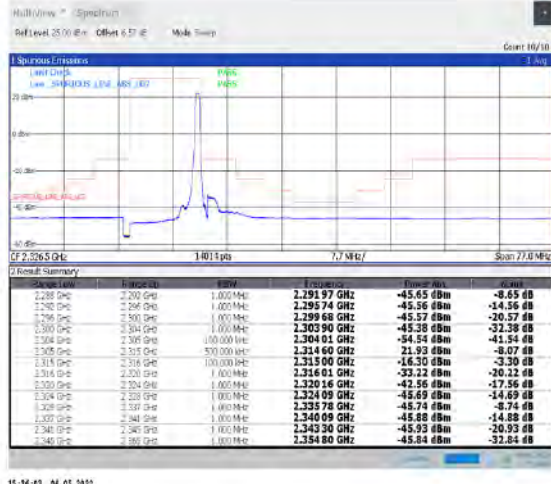
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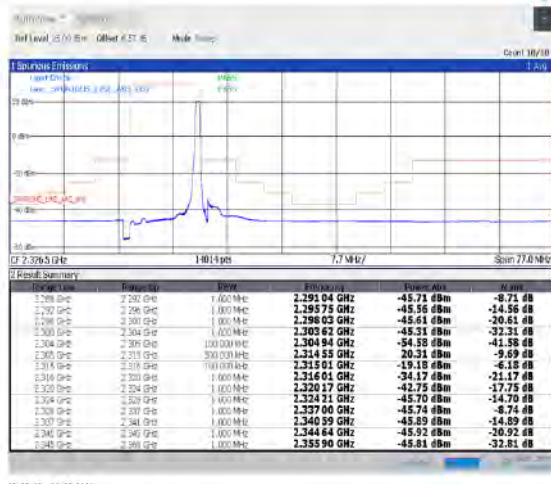
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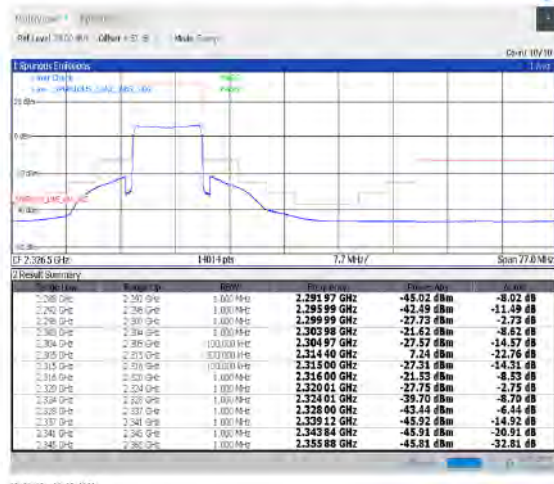
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1-N30-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-PASS-see graph



15-10-15 04.05.2022

1-N30-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-PASS-see graph



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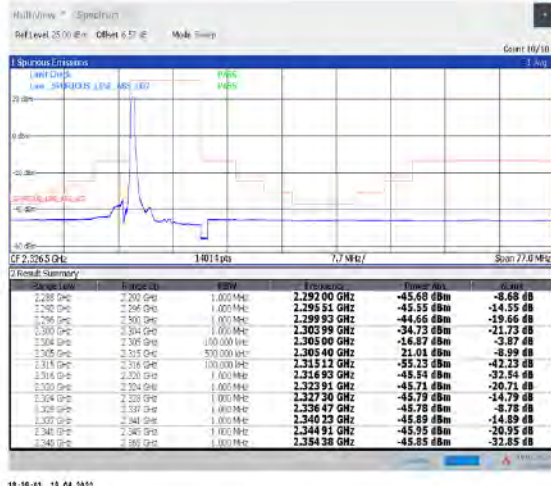
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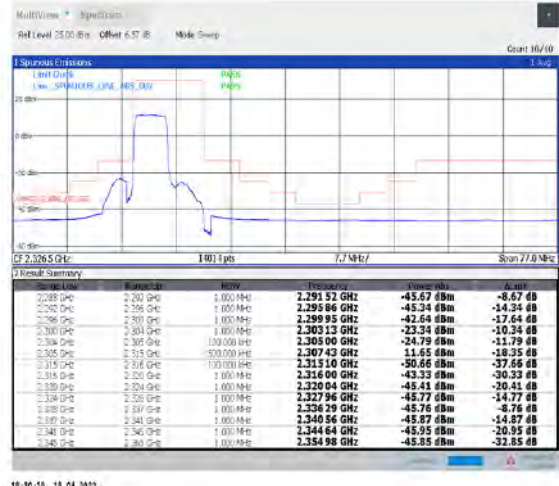
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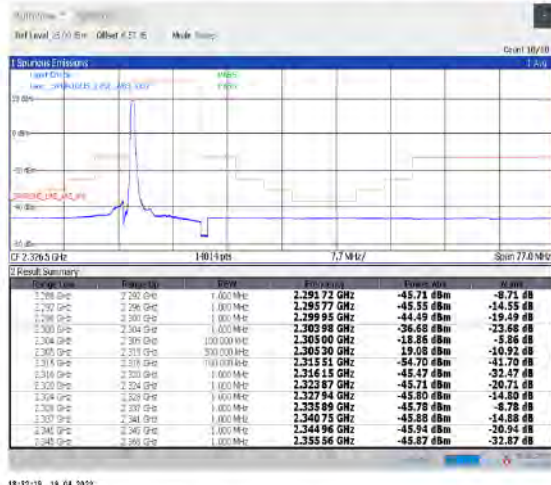
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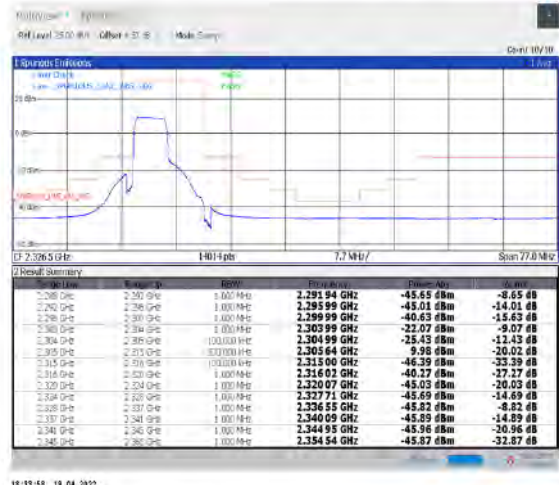
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1-N30--30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



18-10-10 13:04:2022

1-N30--30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant1-PASS-see graph



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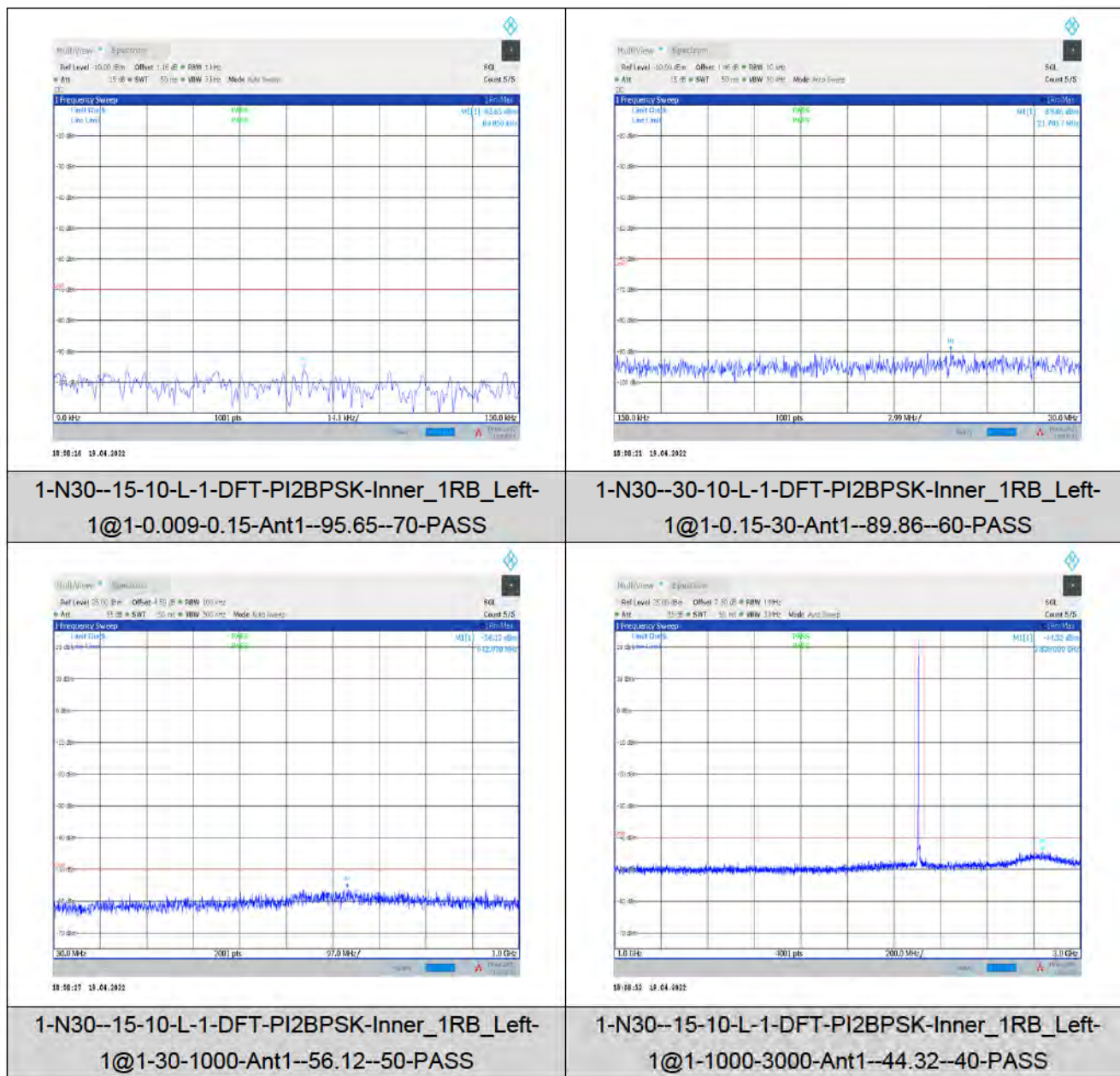
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Conducted Spurious Emission for SA

Test Graphs



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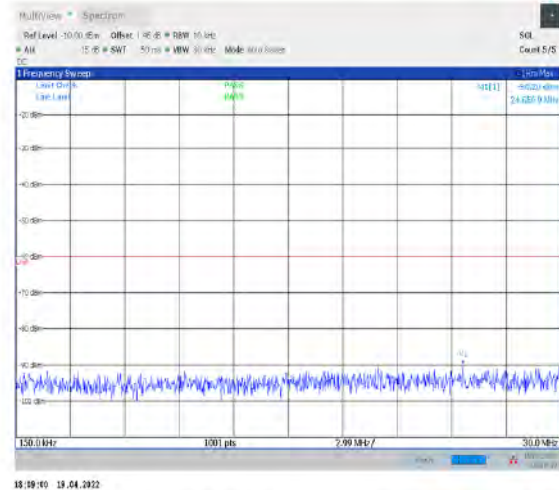
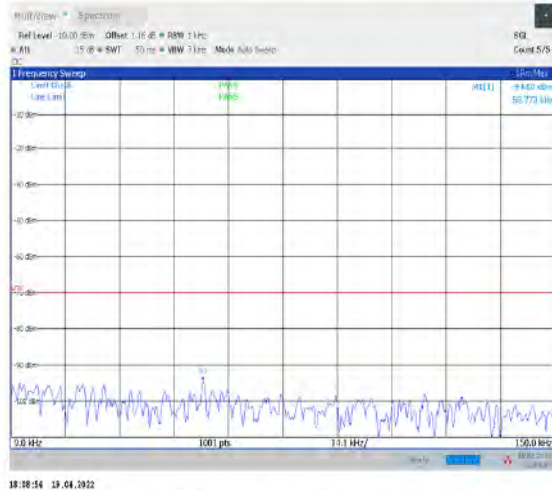
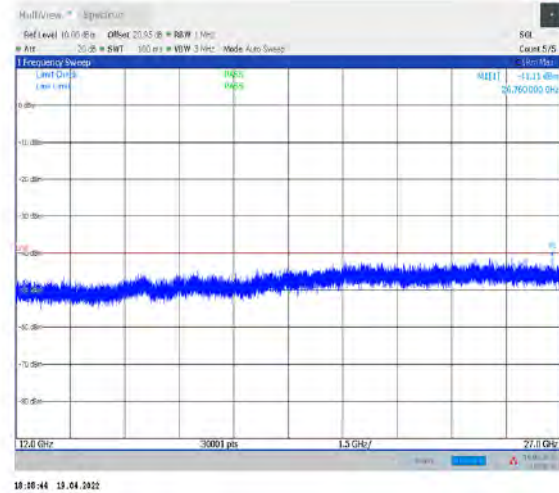
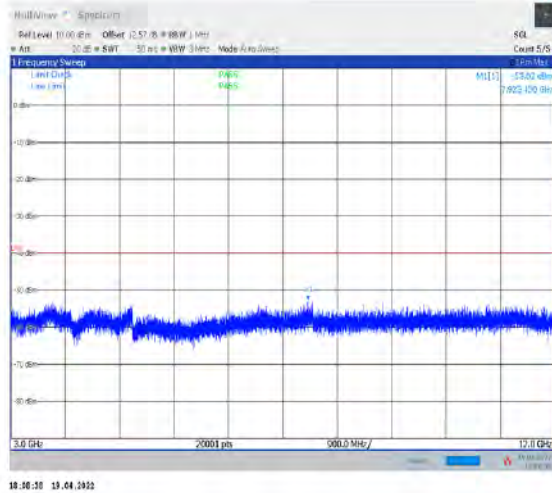
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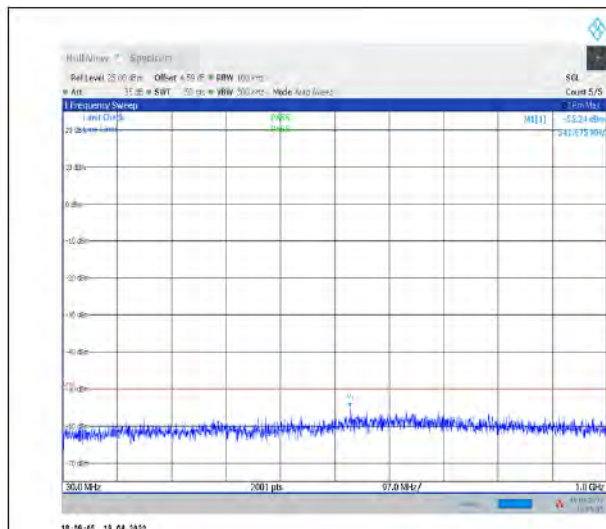
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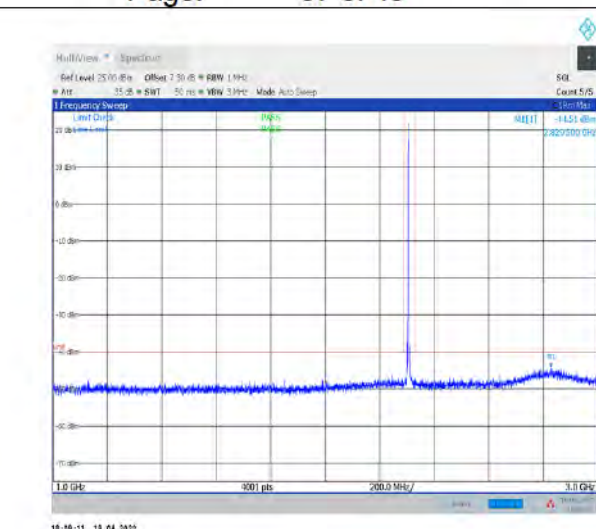
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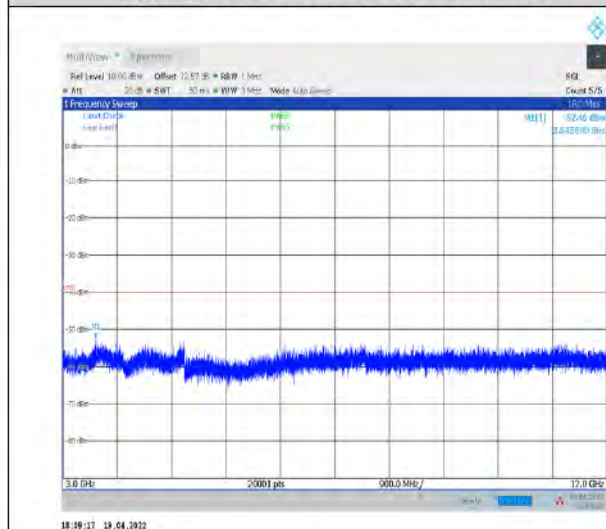
18.19.15 19.04.2022

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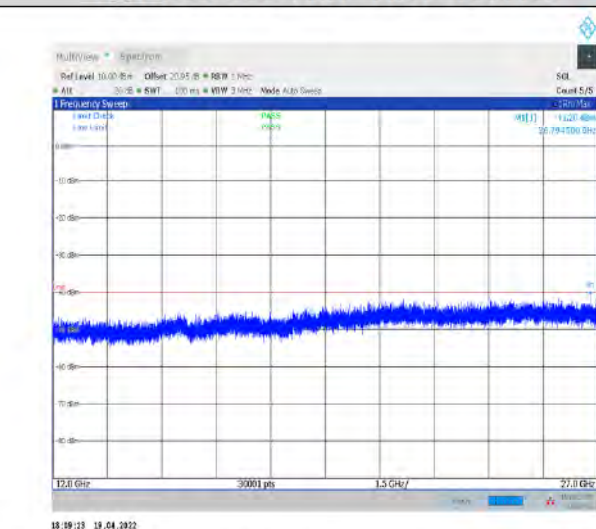
18.19.11 19.04.2022

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18.19.17 19.04.2022

1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1--52.46--40-PASS



18.19.19 19.04.2022

1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant1--41.20--40-PASS



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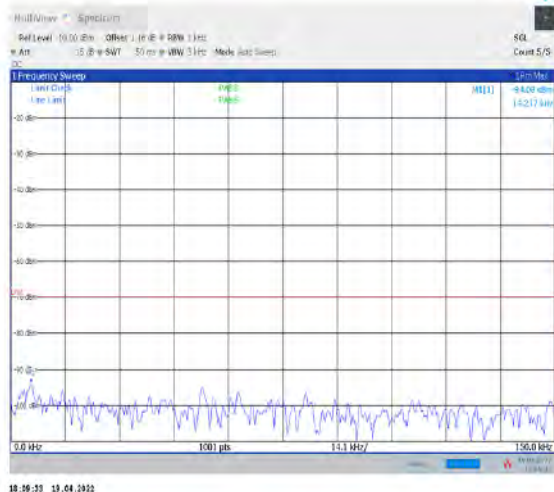
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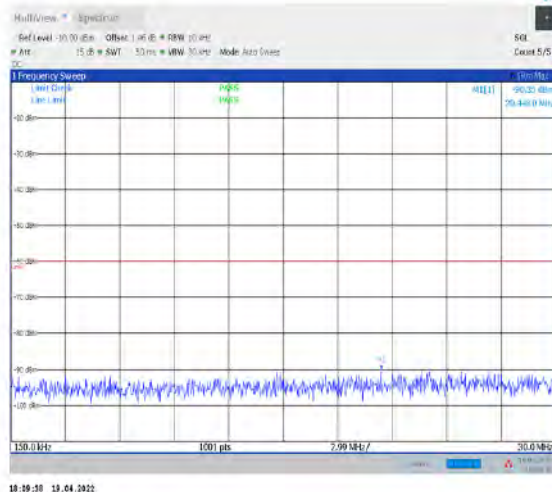
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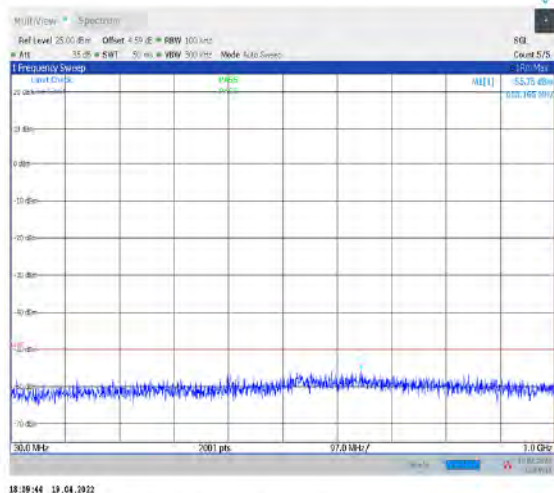
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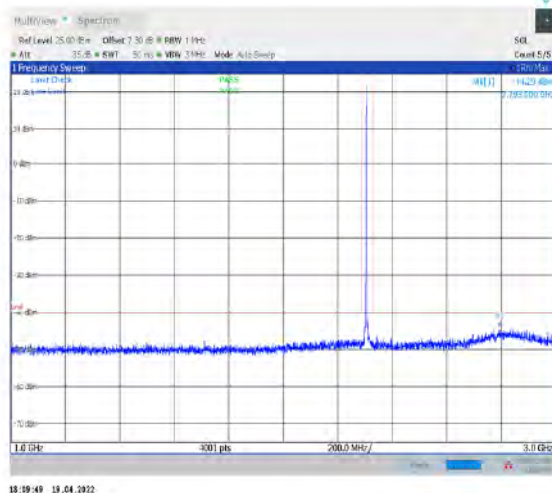
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1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1--90.35--60-PASS



1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1--55.75--50-PASS



1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1--44.29--40-PASS



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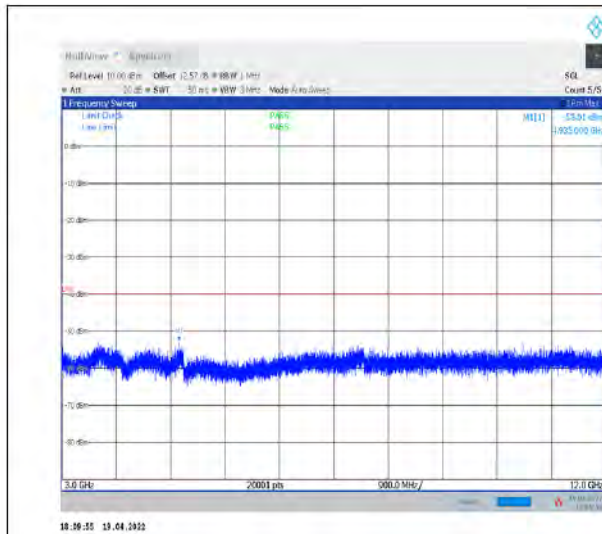
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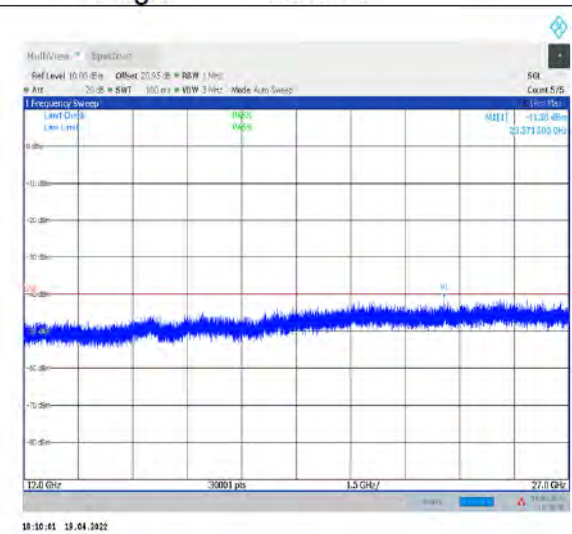
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1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-3000-12000-Ant1--53.01--40-PASS



1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-12000-27000-Ant1--41.30--40-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band 30 BW 10M_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4611.18	50.73	-108.05	-57.32	-40.00	17.32	263	96	Horizontal
2	6916.77	47.76	-101.68	-53.92	-40.00	13.92	251	263	Horizontal
3	9222.36	46.21	-95.08	-48.87	-40.00	8.87	142	241	Horizontal
4	11527.95	42.88	-91.44	-48.56	-40.00	8.56	266	357	Horizontal
5	13833.54	42.16	-90.03	-47.87	-40.00	7.87	244	144	Horizontal
6	16139.13	41.92	-90.60	-48.68	-40.00	8.68	265	302	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4611.18	49.14	-108.05	-58.91	-40.00	18.91	263	1	Vertical
2	6916.77	49.70	-101.68	-51.98	-40.00	11.98	251	0	Vertical
3	9222.36	47.06	-95.08	-48.02	-40.00	8.02	142	278	Vertical
4	11527.95	42.64	-91.44	-48.80	-40.00	8.80	284	7	Vertical
5	13833.54	43.32	-90.03	-46.71	-40.00	6.71	176	81	Vertical
6	16139.13	42.40	-90.60	-48.20	-40.00	8.20	265	302	Vertical



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Test Band = SA Band 30 BW 5M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4610.68	52.55	-108.05	-55.50	-40.00	15.50	163	161	Horizontal
2	6916.02	48.52	-101.68	-53.16	-40.00	13.16	251	185	Horizontal
3	9221.36	46.72	-95.08	-48.36	-40.00	8.36	174	104	Horizontal
4	11526.7	42.18	-91.44	-49.26	-40.00	9.26	186	115	Horizontal
5	13832.04	42.32	-90.05	-47.73	-40.00	7.73	265	151	Horizontal
6	16137.38	43.17	-90.62	-47.45	-40.00	7.45	244	209	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4610.68	51.43	-108.05	-56.62	-40.00	16.62	163	348	Vertical
2	6916.02	47.81	-101.68	-53.87	-40.00	13.87	284	7	Vertical
3	9221.36	46.94	-95.08	-48.14	-40.00	8.14	176	337	Vertical
4	11526.7	42.28	-91.44	-49.16	-40.00	9.16	255	348	Vertical
5	13832.04	42.67	-90.05	-47.38	-40.00	7.38	144	0	Vertical
6	16137.38	42.17	-90.62	-48.45	-40.00	8.45	177	326	Vertical



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Test Band = SA Band 30 BW 5M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4615.68	51.22	-108.03	-56.81	-40.00	16.81	263	234	Horizontal
2	6923.52	49.49	-101.68	-52.19	-40.00	12.19	241	44	Horizontal
3	9231.36	47.60	-95.08	-47.48	-40.00	7.48	176	22	Horizontal
4	11539.2	41.65	-91.51	-49.86	-40.00	9.86	284	326	Horizontal
5	13847.04	42.05	-89.92	-47.87	-40.00	7.87	176	326	Horizontal
6	16154.88	41.95	-90.46	-48.51	-40.00	8.51	254	7	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4615.68	49.75	-108.03	-58.28	-40.00	18.28	263	47	Vertical
2	6923.52	49.50	-101.68	-52.18	-40.00	12.18	251	117	Vertical
3	9231.36	46.68	-95.08	-48.40	-40.00	8.40	174	314	Vertical
4	11539.2	41.11	-91.51	-50.40	-40.00	10.40	186	349	Vertical
5	13847.04	42.34	-89.92	-47.58	-40.00	7.58	254	57	Vertical
6	16154.88	42.59	-90.46	-47.87	-40.00	7.87	144	35	Vertical



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Test Band = SA Band 30 BW 5M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4620.68	49.99	-108.00	-58.01	-40.00	18.01	142	44	Horizontal
2	6931.02	49.21	-101.68	-52.47	-40.00	12.47	263	196	Horizontal
3	9241.32	47.16	-95.08	-47.92	-40.00	7.92	286	303	Horizontal
4	11551.7	42.07	-91.59	-49.52	-40.00	9.52	241	44	Horizontal
5	13862.04	41.09	-89.78	-48.69	-40.00	8.69	177	44	Horizontal
6	16172.38	43.03	-90.28	-47.25	-40.00	7.25	266	92	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4620.68	49.40	-108.00	-58.60	-40.00	18.60	142	14	Vertical
2	6931.02	47.89	-101.68	-53.79	-40.00	13.79	263	14	Vertical
3	9241.32	48.85	-95.08	-46.23	-40.00	6.23	286	209	Vertical
4	11551.7	41.27	-91.59	-50.32	-40.00	10.32	241	245	Vertical
5	13862.04	42.08	-89.78	-47.70	-40.00	7.70	177	0	Vertical
6	16172.38	41.98	-90.28	-48.30	-40.00	8.30	261	245	Vertical



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Test on the worst case:

Test Band = SA Band 30 BW 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]	Height [cm]	Angle [°]	Polarity
1	6916	45.19	-42.46	36.03	-56.49	-40.00	16.49	296	334	Horizontal
2	4611.18	41.66	-44.45	31.67	-66.39	-40.00	26.39	254	252	Horizontal
3	9222.36	35.57	-38.40	38.58	-59.51	-40.00	19.51	142	20	Horizontal
4	11527.95	31.80	-35.24	39.07	-59.63	-40.00	19.63	263	104	Horizontal
5	13833.54	33.31	-34.88	40.10	-56.73	-40.00	16.73	222	294	Horizontal
6	16139.13	31.91	-33.34	38.00	-58.69	-40.00	18.69	178	166	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	4611	45.19	-44.46	31.67	-62.86	-40.00	22.86	296	63	Vertical
2	6916.5	48.94	-42.46	36.03	-52.74	-40.00	12.74	265	44	Vertical
3	9222.36	36.42	-38.40	38.58	-58.66	-40.00	18.66	284	360	Vertical
4	11527.95	31.97	-35.24	39.07	-59.46	-40.00	19.46	142	360	Vertical
5	13833.54	32.47	-34.88	40.10	-57.57	-40.00	17.57	263	81	Vertical
6	16139.13	32.02	-33.34	38.00	-58.58	-40.00	18.58	227	360	Vertical



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Test Band = SA Band 30 BW 5M_ 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	4610.68	42.05	-44.46	31.67	-66.00	-40.00	26.00	185	40	Horizontal
2	6916.02	40.86	-42.46	36.03	-60.82	-40.00	20.82	265	360	Horizontal
3	9221.36	35.50	-38.40	38.58	-59.58	-40.00	19.58	241	41	Horizontal
4	11526.7	32.07	-35.24	39.07	-59.36	-40.00	19.36	142	273	Horizontal
5	13832.04	33.31	-34.89	40.10	-56.74	-40.00	16.74	263	348	Horizontal
6	16137.38	31.37	-33.36	38.00	-59.25	-40.00	19.25	224	166	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	4610.68	42.01	-44.46	31.67	-66.04	-40.00	26.04	296	204	Vertical
2	6916.02	40.64	-42.46	36.03	-61.04	-40.00	21.04	265	360	Vertical
3	9221.36	34.63	-38.40	38.58	-60.45	-40.00	20.45	254	360	Vertical
4	11526.7	32.86	-35.24	39.07	-58.57	-40.00	18.57	174	253	Vertical
5	13832.04	33.50	-34.89	40.10	-56.55	-40.00	16.55	142	359	Vertical
6	16137.38	31.41	-33.36	38.00	-59.21	-40.00	19.21	263	102	Vertical



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Test Band = SA Band 30 BW 5M_ 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	4615.68	42.03	-44.44	31.68	-66.00	-40.00	26.00	196	19	Horizontal
2	6923.52	41.46	-42.47	36.05	-60.22	-40.00	20.22	265	360	Horizontal
3	9231.36	36.06	-38.40	38.58	-59.02	-40.00	19.02	284	357	Horizontal
4	11539.2	31.89	-35.31	39.06	-59.62	-40.00	19.62	142	272	Horizontal
5	13847.04	33.09	-34.76	40.11	-56.82	-40.00	16.82	263	100	Horizontal
6	16154.88	32.33	-33.21	38.01	-58.13	-40.00	18.13	225	251	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	6923.5	51.30	-42.47	36.05	-50.38	-40.00	10.38	196	66	Vertical
2	4615.68	43.89	-44.44	31.68	-64.14	-40.00	24.14	265	45	Vertical
3	9231.36	35.01	-38.40	38.58	-60.07	-40.00	20.07	284	19	Vertical
4	11539.2	31.34	-35.31	39.06	-60.17	-40.00	20.17	142	240	Vertical
5	13847.04	32.41	-34.76	40.11	-57.50	-40.00	17.50	263	187	Vertical
6	16154.88	31.99	-33.21	38.01	-58.47	-40.00	18.47	223	330	Vertical



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Test Band = SA Band 30 BW 5M_ 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	4620.68	41.81	-44.43	31.69	-66.19	-40.00	26.19	196	3	Horizontal
2	6931.02	40.65	-42.48	36.06	-61.03	-40.00	21.03	265	63	Horizontal
3	9241.32	35.00	-38.40	38.58	-60.08	-40.00	20.08	284	81	Horizontal
4	11551.7	32.32	-35.38	39.05	-59.27	-40.00	19.27	142	81	Horizontal
5	13862.04	32.47	-34.63	40.12	-57.31	-40.00	17.31	263	82	Horizontal
6	16172.38	31.68	-33.06	38.02	-58.62	-40.00	18.62	204	102	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	4620.68	41.25	-44.43	31.69	-66.75	-40.00	26.75	254	3	Vertical
2	6931.02	40.06	-42.48	36.06	-61.62	-40.00	21.62	142	144	Vertical
3	9241.32	34.85	-38.40	38.58	-60.23	-40.00	20.23	285	3	Vertical
4	11551.7	31.72	-35.38	39.05	-59.87	-40.00	19.87	263	20	Vertical
5	13862.04	33.01	-34.63	40.12	-56.77	-40.00	16.77	254	360	Vertical
6	16172.38	32.18	-33.06	38.02	-58.12	-40.00	18.12	187	209	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
N30	30	10	DFT-PI2BPSK	M	Outer_Full	VH	NT	3.100000	0.001342	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	VN	NT	3.400000	0.001472	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	VL	NT	-1.400000	-0.000606	PASS
N30	30	10	CP-QPSK	M	Outer_Full	VH	NT	-2.500000	-0.001082	PASS
N30	30	10	CP-QPSK	M	Outer_Full	VN	NT	2.000000	0.000866	PASS
N30	30	10	CP-QPSK	M	Outer_Full	VL	NT	-3.400000	-0.001472	PASS



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Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	-30	10.500000	0.004545	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	-20	9.300000	0.004026	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	-10	2.400000	0.001039	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	0	1.700000	0.000736	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	10	12.300000	0.005325	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	20	2.500000	0.001082	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	30	10.400000	0.004502	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	40	6.300000	0.002727	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	50	1.400000	0.000606	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	-30	3.800000	0.001645	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	-20	-0.700000	-0.000303	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	-10	4.700000	0.002035	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	0	4.700000	0.002035	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	10	0.800000	0.000346	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	20	0.300000	0.000130	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	30	1.600000	0.000693	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	40	5.600000	0.002424	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	50	5.500000	0.002381	PASS

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