Appendix B.12

NR Band n5

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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.11	22.28	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.09	22.26	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	22.17	21.34	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	23.15	22.32	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	23.18	22.35	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	22.15	21.32	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	21.95	21.12	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	22.33	21.5	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	21.15	20.32	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	20.34	19.51	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	20.78	19.95	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	20.72	19.89	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	18.56	17.73	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	18.61	17.78	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	18.6	17.77	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.15	22.32	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.1	22.27	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	22.16	21.33	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	23.19	22.36	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	23.16	22.33	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	22.17	21.34	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	22.05	21.22	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	21.99	21.16	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	21.15	20.32	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	20.37	19.54	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	18.08	17.25	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	20.68	19.85	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	18.67	17.84	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Right	18.64	17.81	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	18.65	17.82	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.13	22.3	38.45	PASS

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N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.05	22.22	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	22.14	21.31	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	23.22	22.39	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	23.17	22.34	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	22.12	21.29	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	21.77	20.94	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	21.76	20.93	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	21.12	20.29	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	20.58	19.75	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	20.57	19.74	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	20.7	19.87	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	18.66	17.83	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	18.57	17.74	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	18.64	17.81	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.1	22.27	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.19	22.36	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	22.24	21.41	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	23.12	22.29	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	23.2	22.37	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	22.24	21.41	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	22.01	21.18	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	22.07	21.24	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	18.75	17.92	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	20.55	19.72	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	20.65	19.82	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	20.73	19.9	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	18.64	17.81	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	18.67	17.84	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	18.72	17.89	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.07	22.24	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.14	22.31	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	22.22	21.39	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	23.08	22.25	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	23.23	22.4	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	22.26	21.43	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	22.27	21.44	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	22.11	21.28	38.45	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	21.16	20.33	38.45	PASS

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N5	15	10	DFT-64QAM	M	Inner_1RB_Left	20.54	19.71	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Right	20.64	19.81	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	20.76	19.93	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	18.61	17.78	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	18.69	17.86	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	18.75	17.92	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.23	22.4	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.12	22.29	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	22.21	21.38	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	23.23	22.4	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	23.12	22.29	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	22.28	21.45	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	22.08	21.25	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	22.03	21.2	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	21.25	20.42	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	20.71	19.88	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	20.34	19.51	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	20.77	19.94	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Left	18.74	17.91	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	18.64	17.81	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	18.73	17.9	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.16	22.33	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.09	22.26	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	22.35	21.52	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	23.23	22.4	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	23.12	22.29	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	22.36	21.53	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	22.07	21.24	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	21.98	21.15	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	21.39	20.56	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	20.63	19.8	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	20.57	19.74	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	20.89	20.06	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	18.75	17.92	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	18.59	17.76	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	18.89	18.06	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.19	22.36	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.1	22.27	38.45	PASS

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N5	15	15	DFT-PI2BPSK	M	Outer_Full	22.33	21.5	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	23.21	22.38	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	23.18	22.35	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	22.29	21.46	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	22.07	21.24	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	22.02	21.19	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	21.3	20.47	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	20.66	19.83	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	20.59	19.76	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	20.85	20.02	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	18.79	17.96	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	18.63	17.8	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	18.88	18.05	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.18	22.35	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.08	22.25	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	22.29	21.46	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	23.2	22.37	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	23.13	22.3	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	22.26	21.43	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	22.06	21.23	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	22	21.17	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	21.28	20.45	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	20.62	19.79	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	20.51	19.68	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	20.8	19.97	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	18.77	17.94	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	18.59	17.76	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	18.82	17.99	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.15	22.32	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.08	22.25	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	22.32	21.49	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	23.2	22.37	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	23.16	22.33	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	22.36	21.53	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	22.04	21.21	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Right	22.04	21.21	38.45	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	21.41	20.58	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	20.66	19.83	38.45	PASS

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N5	15	20	DFT-64QAM	L	Inner_1RB_Right	20.57	19.74	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	20.89	20.06	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	18.76	17.93	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	18.74	17.91	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	18.88	18.05	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.11	22.28	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.1	22.27	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	22.32	21.49	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	23.19	22.36	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	23.1	22.27	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	22.3	21.47	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	22.02	21.19	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	21.96	21.13	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	21.31	20.48	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	20.54	19.71	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	20.52	19.69	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	20.84	20.01	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	18.7	17.87	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	18.7	17.87	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	18.87	18.04	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.2	22.37	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.04	22.21	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	22.29	21.46	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	23.27	22.44	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	20.62	19.79	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	22.27	21.44	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	22.06	21.23	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	21.94	21.11	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	21.3	20.47	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	20.64	19.81	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	20.48	19.65	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	20.84	20.01	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	18.75	17.92	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	18.69	17.86	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	18.84	18.01	38.45	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
N5	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	11.47	≤13	PASS
N5	15	20	CP-256QAM	L	Outer_Full	100%	0.00	11.51	≤13	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	11.58	≤13	PASS
N5	15	20	CP-256QAM	M	Outer_Full	100%	0.00	12.03	≤13	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	11.69	≤13	PASS
N5	15	20	CP-256QAM	H	Outer_Full	100%	0.00	11.92	≤13	PASS

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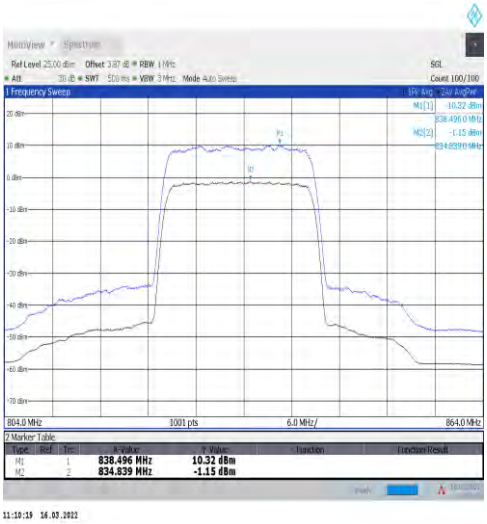
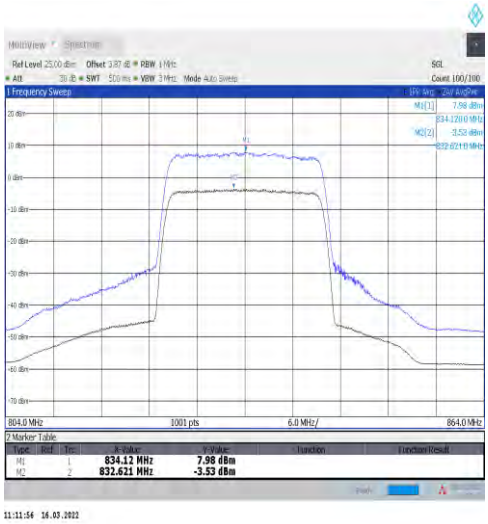
Test Graphs



1-N5-15-20-L-1-DFT-256QAM-Outer_Full-100@0-Ant1-11.47-100%-0.00-11.47-PASS-≤13



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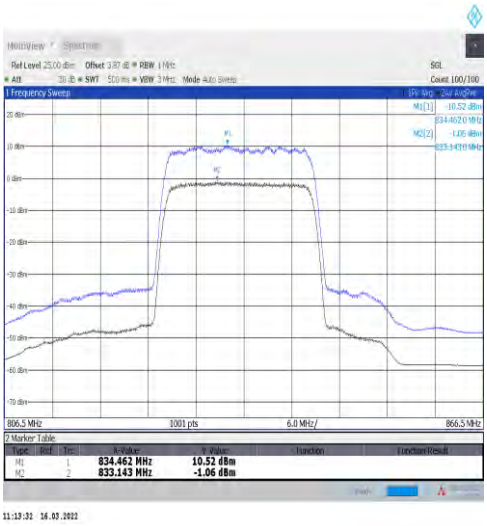

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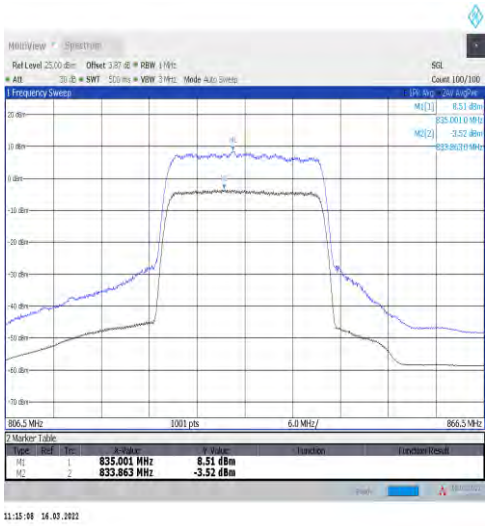

1-N5-15-20-M-2-CP-256QAM-Outer_Full-106@0-Ant1-12.03-100%-0.00-12.03-PASS-≤13

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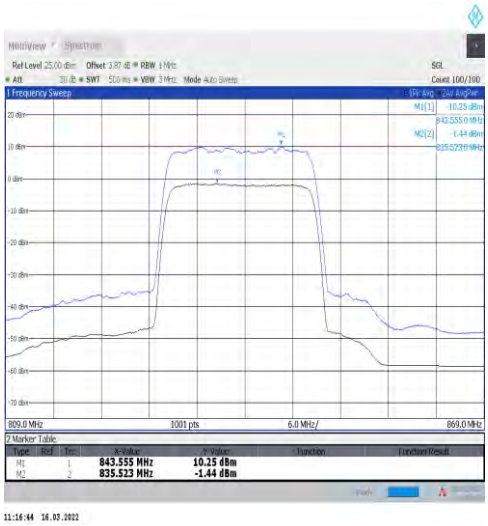	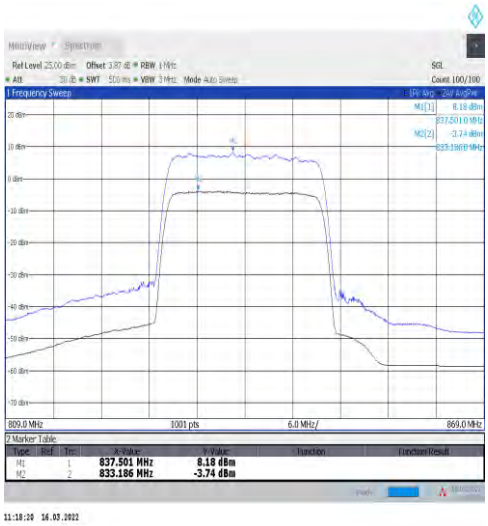
1-N5-15-20-H-1-DFT-256QAM-Outer_Full-100@0-Ant1-11.69-100%-0.00-11.69-PASS-≤13	1-N5-15-20-H-2-CP-256QAM-Outer_Full-106@0-Ant1-11.92-100%-0.00-11.92-PASS-≤13

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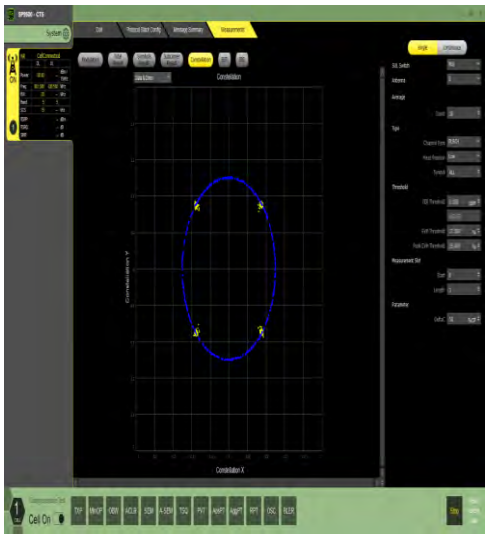
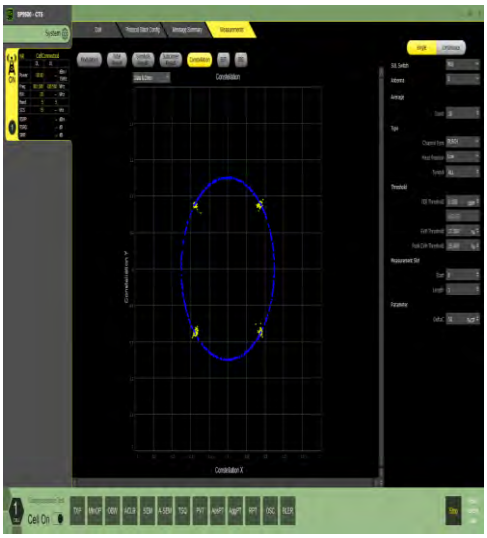
Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-256QAM	M	Outer_Full	see graph	PASS

Test Graphs

	
1-N5-15-20-M-1-DFT-PI2BPSK-Outer_Full-100@0-Ant1-see graph-PASS	1-N5-15-20-M-2-DFT-QPSK-Outer_Full-100@0-Ant1-see graph-PASS

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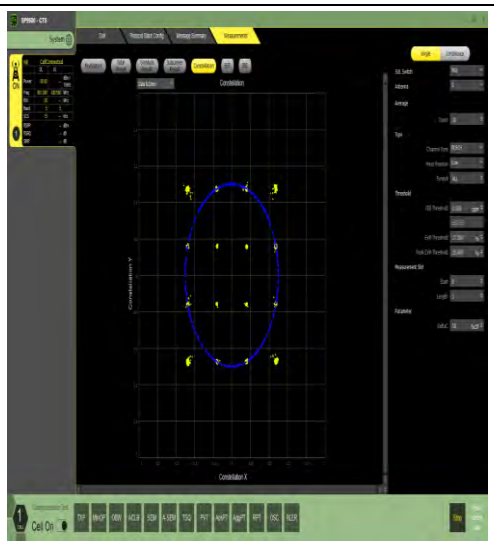
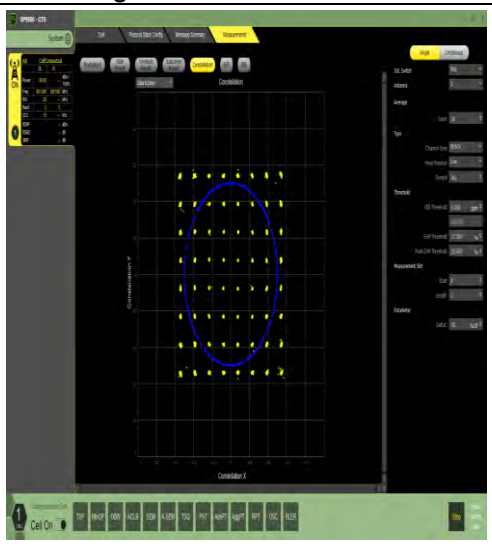
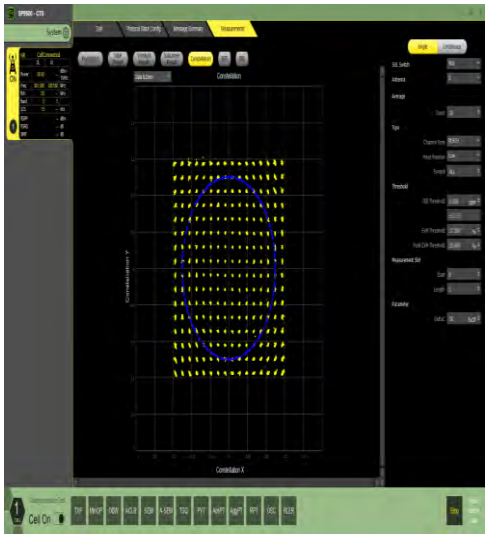
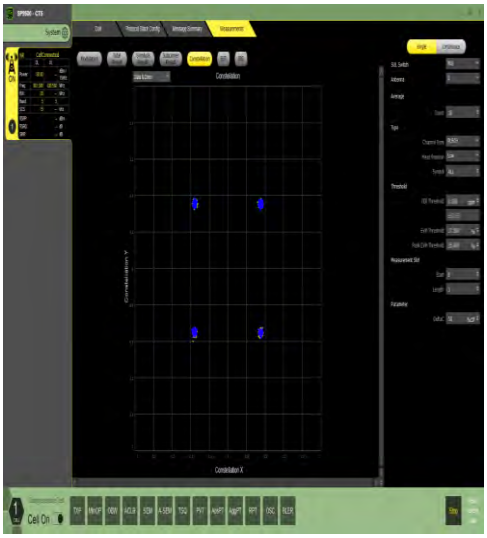
	
1-N5-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-see graph-PASS	1-N5-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-see graph-PASS
	
1-N5-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-see graph-PASS	1-N5-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-see graph-PASS

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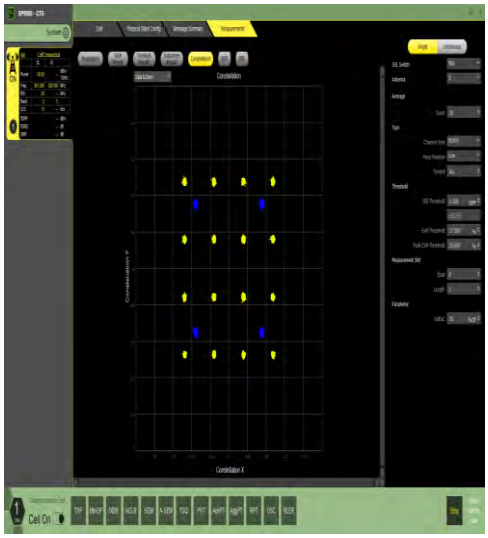
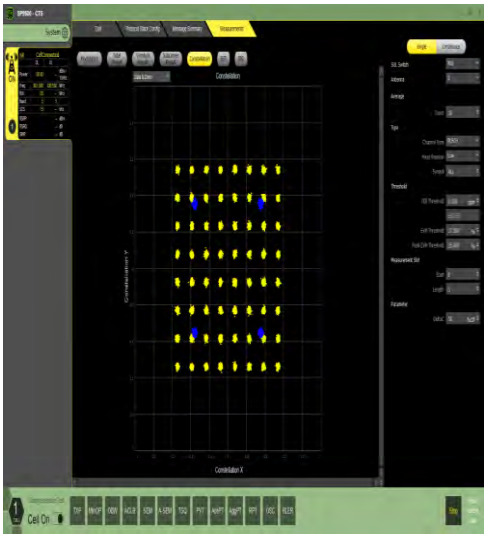
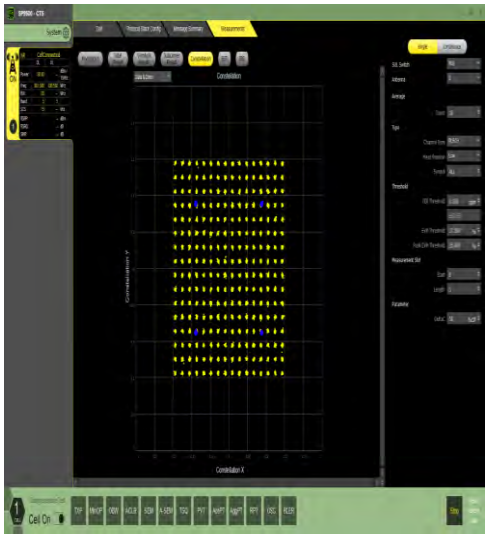
	
1-N5-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-see graph-PASS	1-N5-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant 1-see graph-PASS
	
1-N5-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant 1-see graph-PASS	

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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	4.486	5.060	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	4.474	4.970	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	4.462	5.110	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	4.49	5.060	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	4.494	5.030	PASS
N5	15	5	CP-QPSK	L	Outer_Full	4.477	5.020	PASS
N5	15	5	CP-16QAM	L	Outer_Full	4.477	5.030	PASS
N5	15	5	CP-64QAM	L	Outer_Full	4.467	5.150	PASS
N5	15	5	CP-256QAM	L	Outer_Full	4.473	5.120	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.48	4.930	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.476	5.010	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.469	5.070	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.478	5.010	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.469	5.000	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.471	5.130	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.471	4.970	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.47	5.080	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.474	5.030	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	4.475	5.020	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	4.463	4.930	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	4.459	5.050	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	4.486	5.050	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	4.488	5.000	PASS
N5	15	5	CP-QPSK	H	Outer_Full	4.477	5.060	PASS
N5	15	5	CP-16QAM	H	Outer_Full	4.465	4.990	PASS
N5	15	5	CP-64QAM	H	Outer_Full	4.462	5.080	PASS
N5	15	5	CP-256QAM	H	Outer_Full	4.465	5.080	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	8.934	9.680	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	8.913	9.560	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	8.933	9.640	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	8.936	9.660	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	8.918	9.620	PASS

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N5	15	10	CP-QPSK	L	Outer_Full	9.289	10.160	PASS
N5	15	10	CP-16QAM	L	Outer_Full	9.283	10.060	PASS
N5	15	10	CP-64QAM	L	Outer_Full	9.321	10.160	PASS
N5	15	10	CP-256QAM	L	Outer_Full	9.294	10.040	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.93	9.720	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.901	9.640	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.937	9.660	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.927	9.600	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.913	9.620	PASS
N5	15	10	CP-QPSK	M	Outer_Full	9.292	10.120	PASS
N5	15	10	CP-16QAM	M	Outer_Full	9.279	10.080	PASS
N5	15	10	CP-64QAM	M	Outer_Full	9.324	10.240	PASS
N5	15	10	CP-256QAM	M	Outer_Full	9.281	10.000	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	8.923	9.700	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	8.899	9.620	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	8.937	9.720	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	8.92	9.520	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	8.906	9.600	PASS
N5	15	10	CP-QPSK	H	Outer_Full	9.285	10.060	PASS
N5	15	10	CP-16QAM	H	Outer_Full	9.273	10.080	PASS
N5	15	10	CP-64QAM	H	Outer_Full	9.308	10.200	PASS
N5	15	10	CP-256QAM	H	Outer_Full	9.269	10.000	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	13.449	14.370	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	13.411	14.460	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	13.429	14.400	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	13.407	14.400	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	13.448	14.520	PASS
N5	15	15	CP-QPSK	L	Outer_Full	14.12	15.210	PASS
N5	15	15	CP-16QAM	L	Outer_Full	14.079	15.210	PASS
N5	15	15	CP-64QAM	L	Outer_Full	14.096	15.090	PASS
N5	15	15	CP-256QAM	L	Outer_Full	14.107	15.270	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.437	14.400	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.403	14.460	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.433	14.430	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.411	14.430	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	13.451	14.520	PASS
N5	15	15	CP-QPSK	M	Outer_Full	14.119	15.090	PASS
N5	15	15	CP-16QAM	M	Outer_Full	14.076	15.180	PASS

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N5	15	15	CP-64QAM	M	Outer_Full	14.084	15.180	PASS
N5	15	15	CP-256QAM	M	Outer_Full	14.117	15.300	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	13.437	14.460	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	13.415	14.490	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	13.409	14.340	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	13.416	14.490	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	13.45	14.430	PASS
N5	15	15	CP-QPSK	H	Outer_Full	14.118	15.180	PASS
N5	15	15	CP-16QAM	H	Outer_Full	14.047	15.210	PASS
N5	15	15	CP-64QAM	H	Outer_Full	14.07	15.060	PASS
N5	15	15	CP-256QAM	H	Outer_Full	14.093	15.210	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	17.814	18.920	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	17.856	18.920	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	17.838	18.920	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	17.843	18.920	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	17.819	18.960	PASS
N5	15	20	CP-QPSK	L	Outer_Full	18.87	20.120	PASS
N5	15	20	CP-16QAM	L	Outer_Full	18.896	19.960	PASS
N5	15	20	CP-64QAM	L	Outer_Full	18.864	20.080	PASS
N5	15	20	CP-256QAM	L	Outer_Full	18.898	19.960	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.836	19.000	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.858	19.000	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	17.851	18.920	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.835	18.880	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.795	18.800	PASS
N5	15	20	CP-QPSK	M	Outer_Full	18.857	19.960	PASS
N5	15	20	CP-16QAM	M	Outer_Full	18.887	20.000	PASS
N5	15	20	CP-64QAM	M	Outer_Full	18.869	20.000	PASS
N5	15	20	CP-256QAM	M	Outer_Full	18.892	19.960	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	17.811	18.840	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	17.829	18.840	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	17.839	18.920	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	17.832	18.920	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	17.8	18.960	PASS
N5	15	20	CP-QPSK	H	Outer_Full	18.838	19.960	PASS
N5	15	20	CP-16QAM	H	Outer_Full	18.86	19.880	PASS
N5	15	20	CP-64QAM	H	Outer_Full	18.833	20.040	PASS
N5	15	20	CP-256QAM	H	Outer_Full	18.874	19.920	PASS

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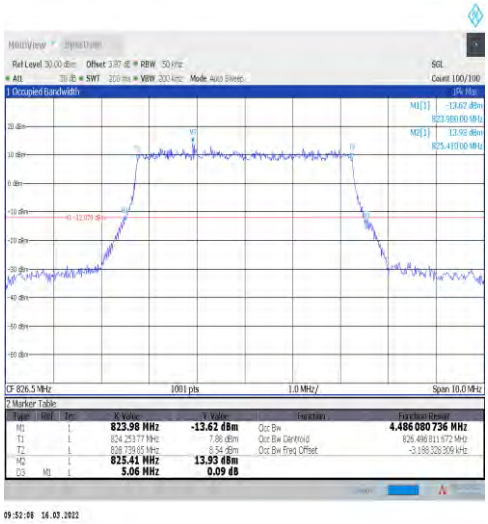
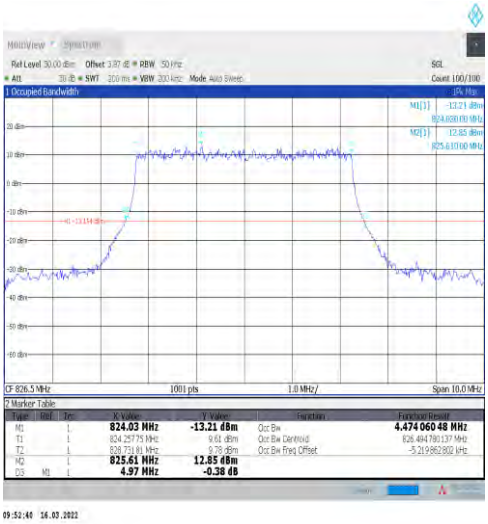
Test Graphs

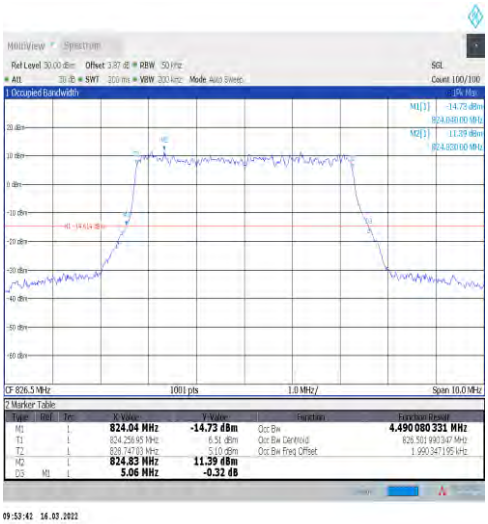


1-N5-15-5-L-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.486-5.060-≤5-PASS



1-N5-15-5-L-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.474-4.970-≤5-PASS

1-N5-15-5-L-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.462-5.110-≤5-PASS



1-N5-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.49-5.060-≤5-PASS

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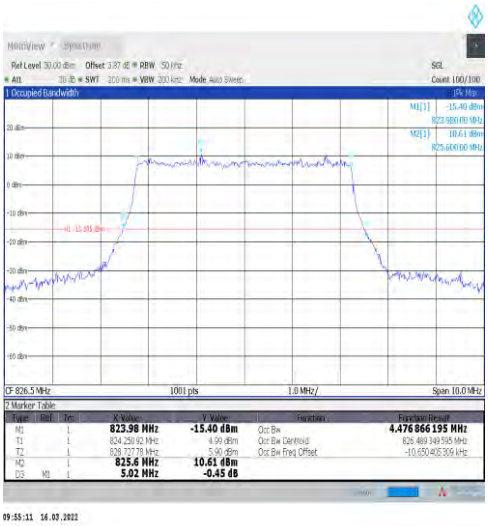
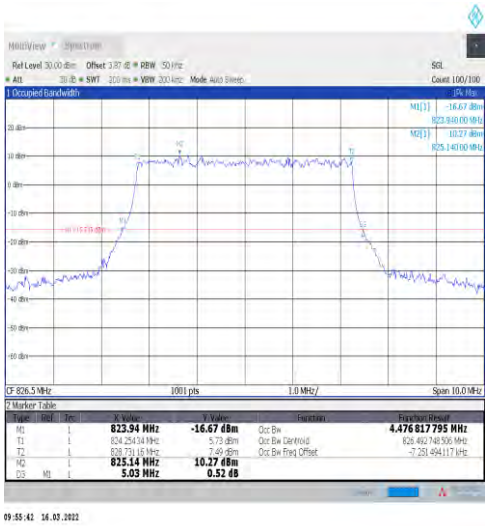
1-N5-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.494-5.030-≤5-PASS



1-N5-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.477-5.020-≤5-PASS



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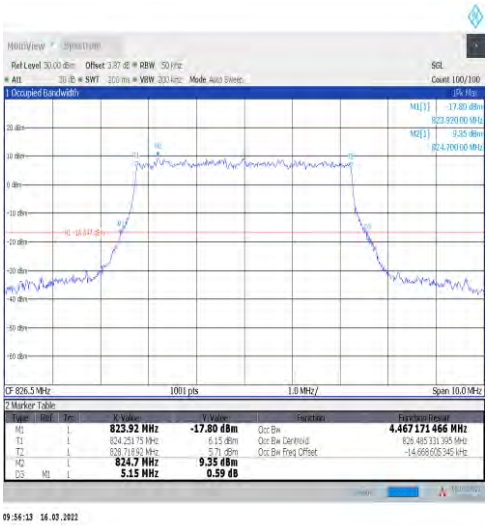

1-N5-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.467-5.150-≤5-PASS

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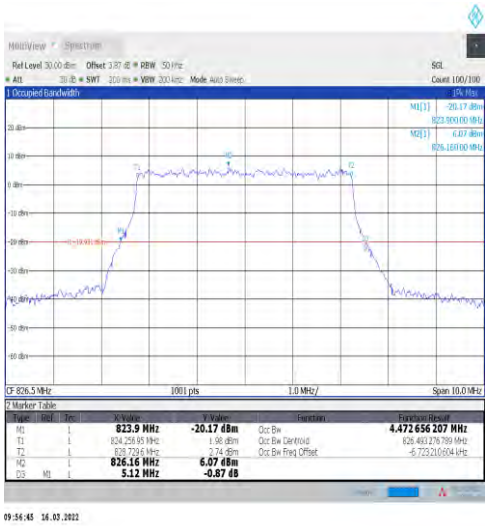

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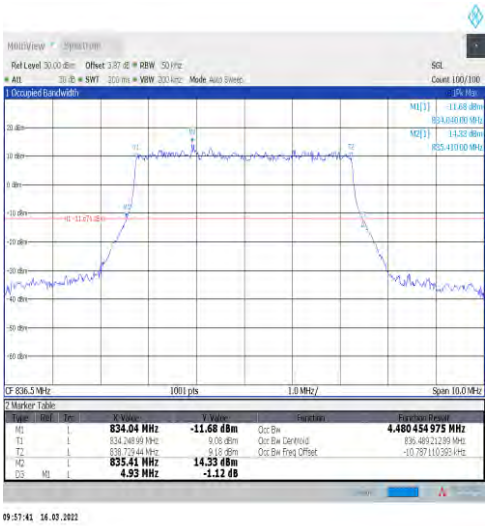
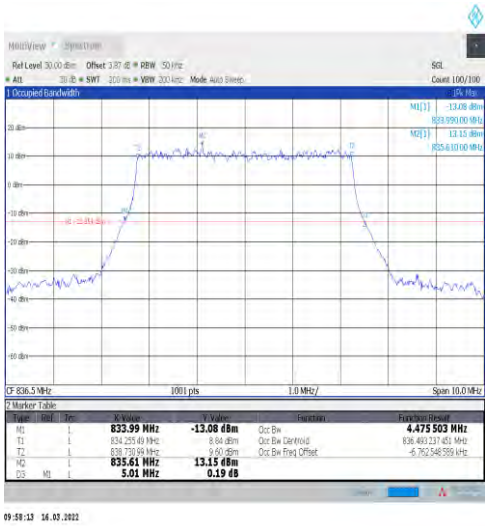
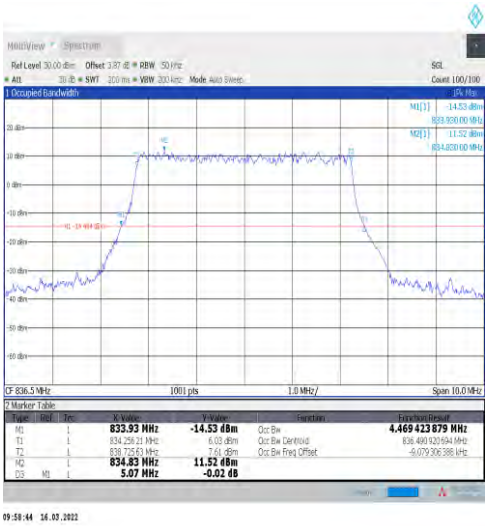


1-N5-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.48-4.930-≤5-PASS



1-N5-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.476-5.010-≤5-PASS



1-N5-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.469-5.070-≤5-PASS

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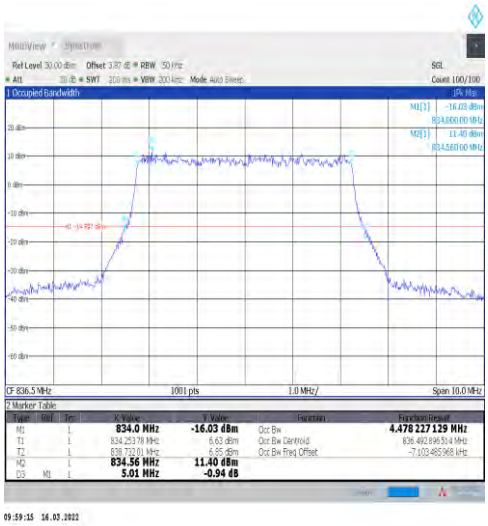

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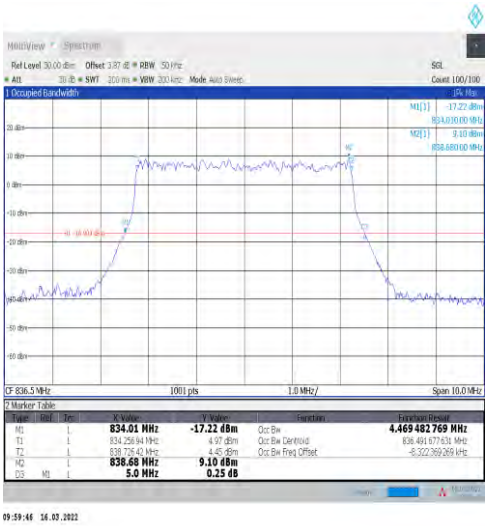

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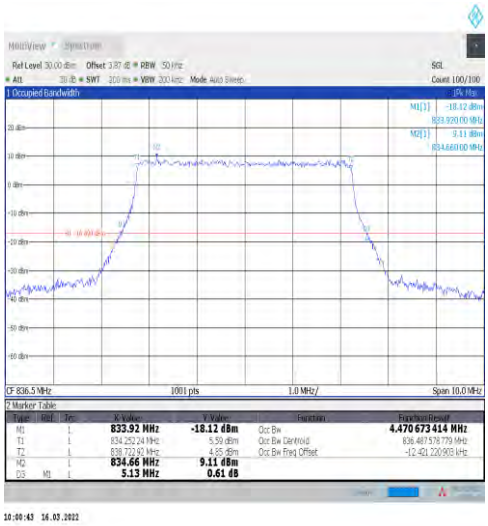

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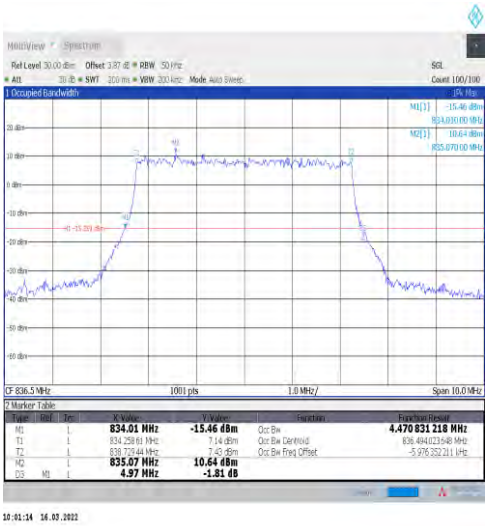

1-N5-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.471-4.970-≤5-PASS

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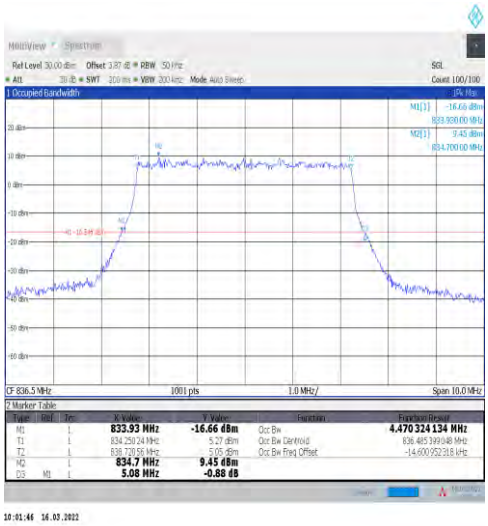

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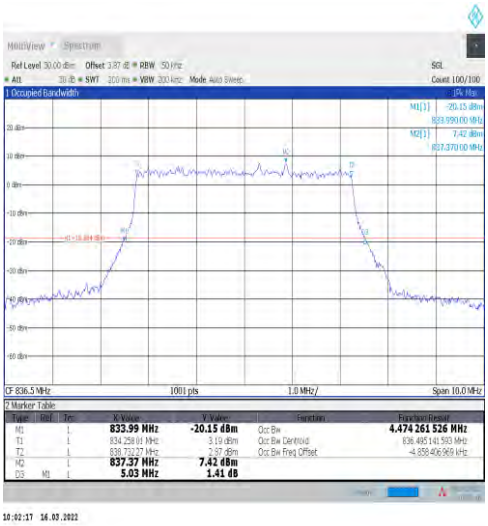

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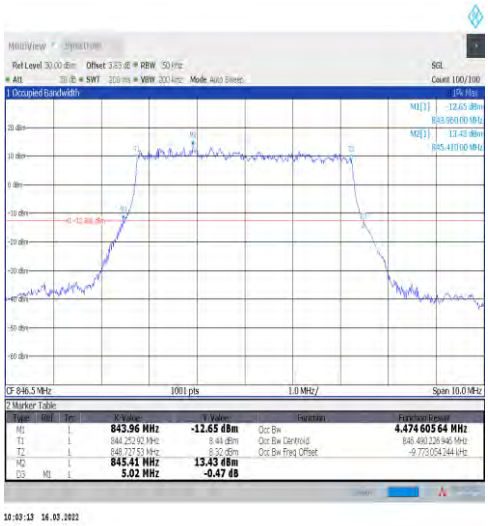

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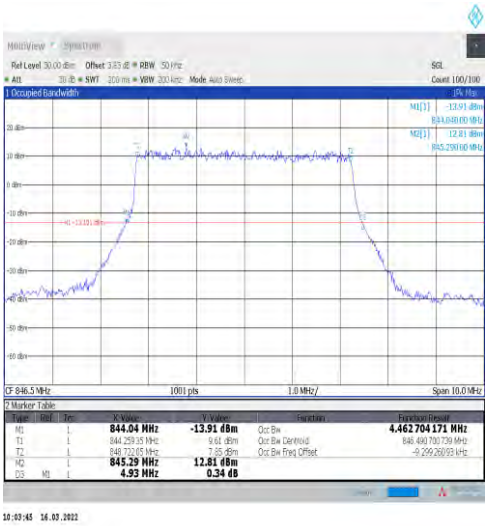

1-N5-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.463-4.930-≤5-PASS

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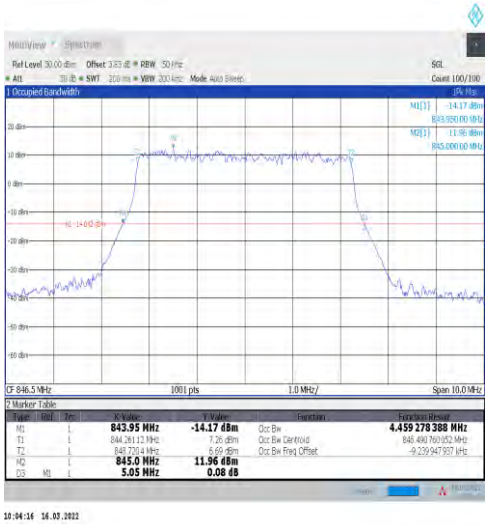

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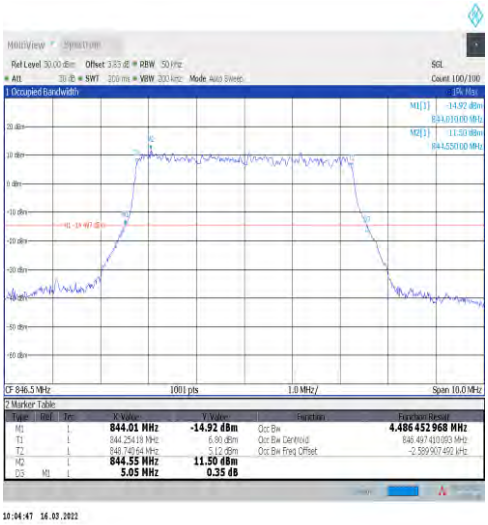

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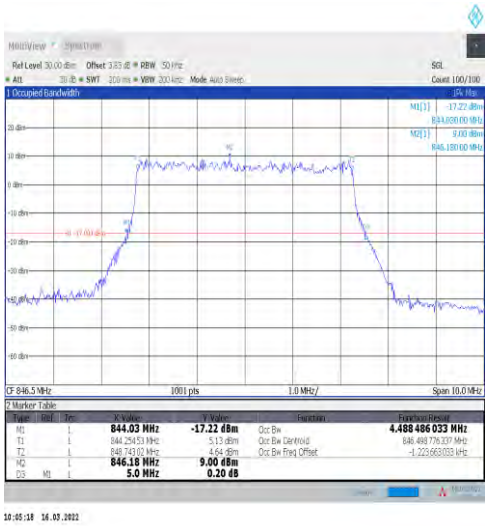

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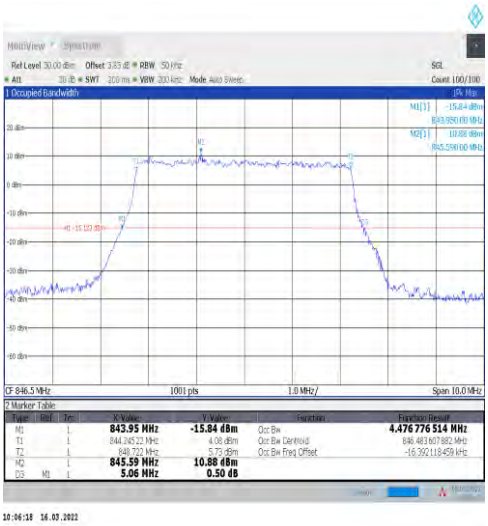

1-N5-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.477-5.060-≤5-PASS

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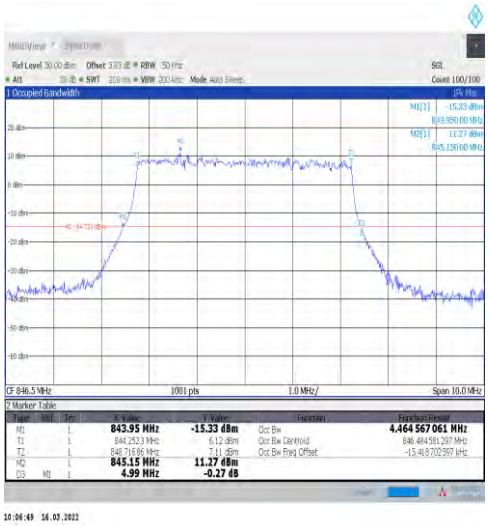

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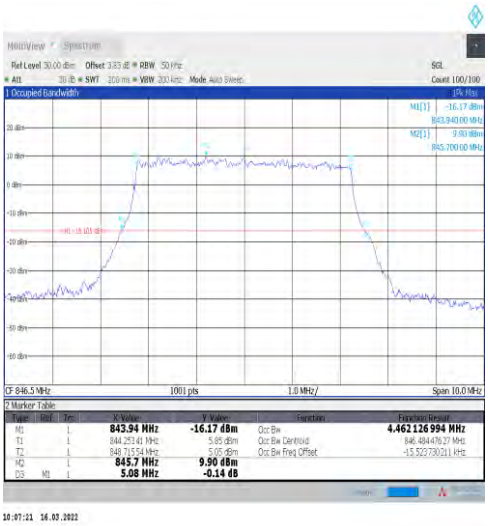

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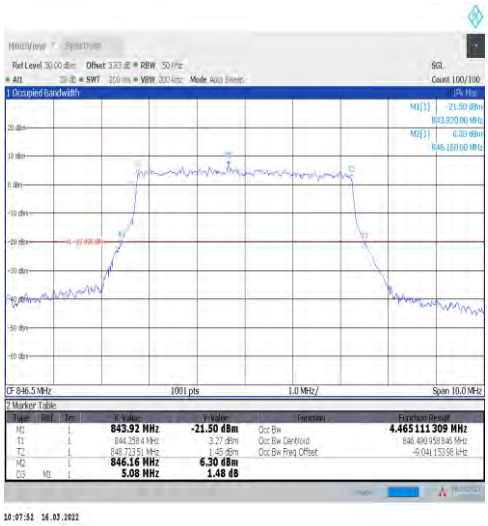

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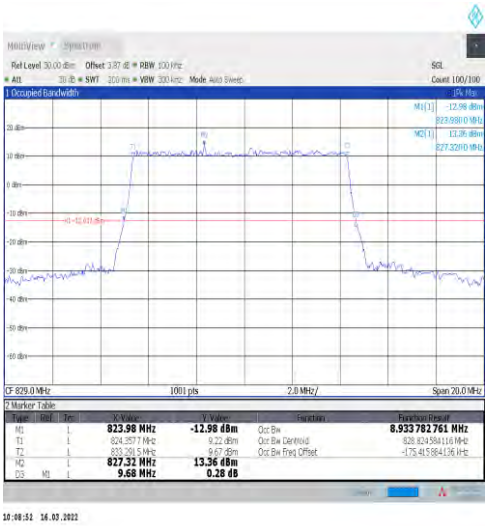

1-N5-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.934-9.680-≤10-PASS

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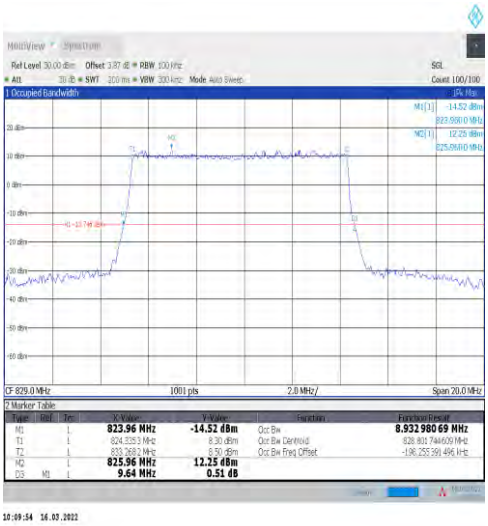
1-N5-15-10-L-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.913-9.560-≤10-PASS



1-N5-15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.933-9.640-≤10-PASS

1-N5-15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.936-9.660-≤10-PASS

1-N5-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.918-9.620-≤10-PASS

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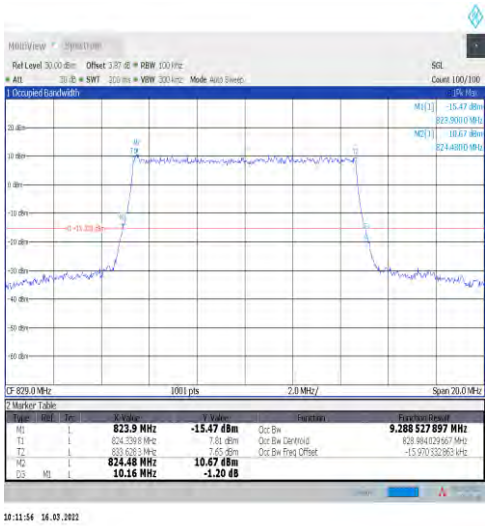

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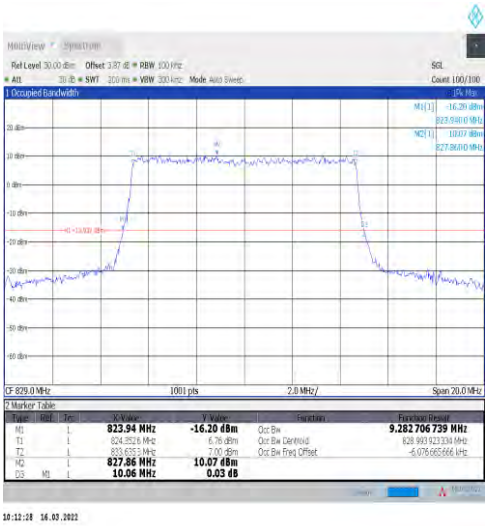

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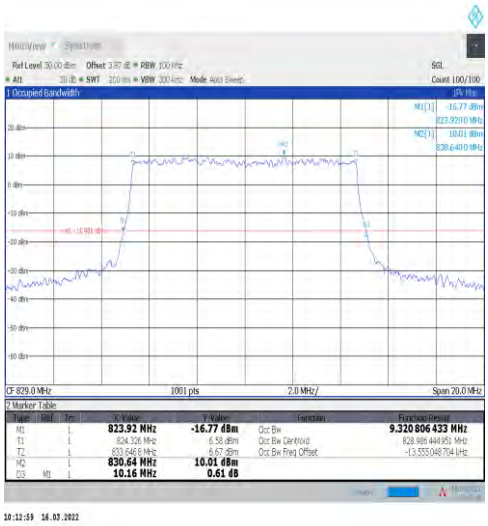

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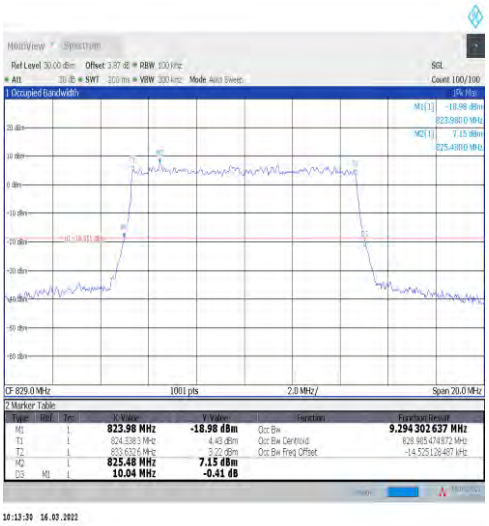

1-N5-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.294-10.040-≤10-PASS

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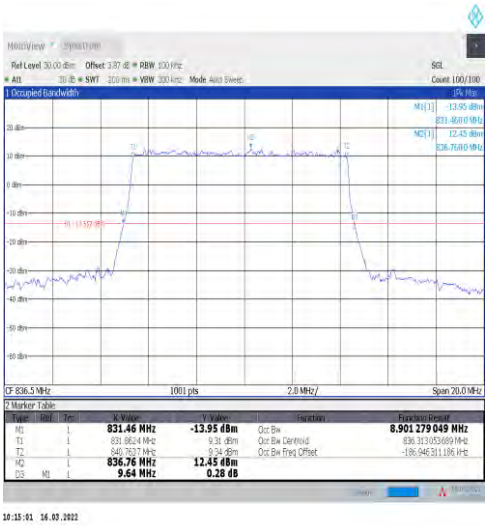
1-N5-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.93-9.720-≤10-PASS



1-N5-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.901-9.640-≤10-PASS

1-N5-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.937-9.660-≤10-PASS

1-N5-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.927-9.600-≤10-PASS

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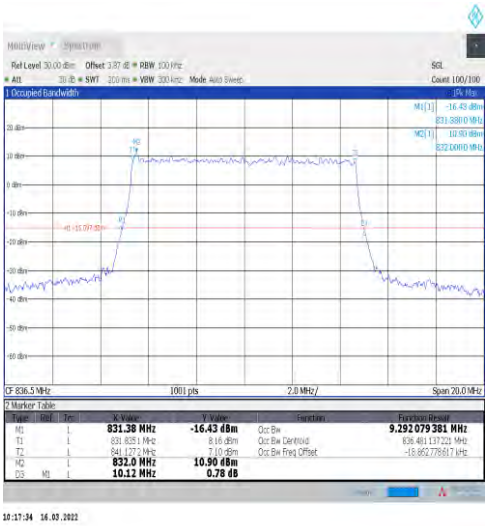
1-N5-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.913-9.620-≤10-PASS



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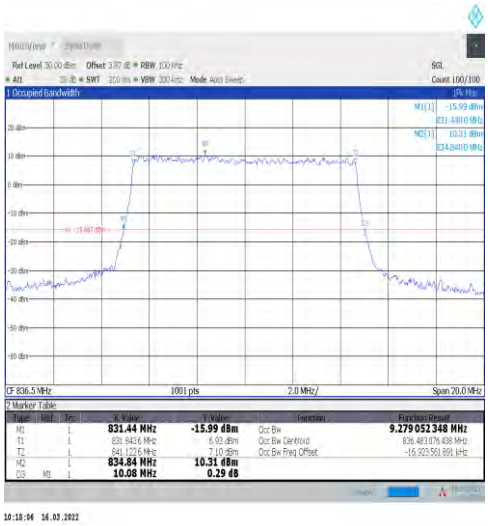
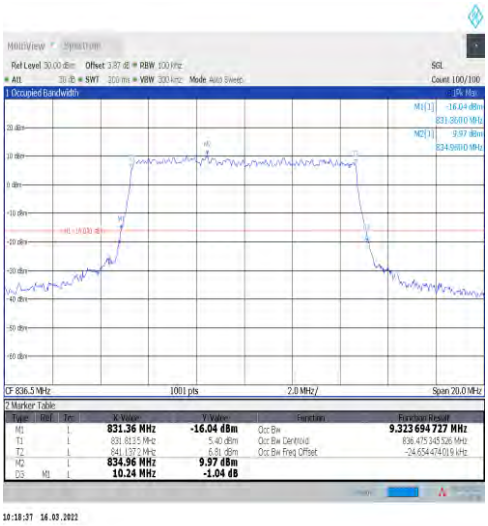


1-N5-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.279-10.080-≤10-PASS



1-N5-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.324-10.240-≤10-PASS

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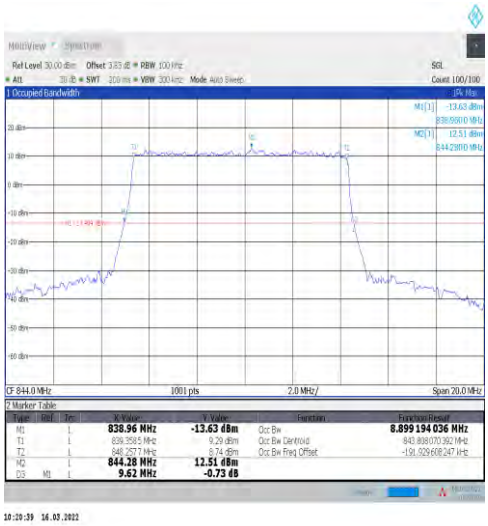
1-N5-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.281-10.000-≤10-PASS

1-N5-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.923-9.700-≤10-PASS



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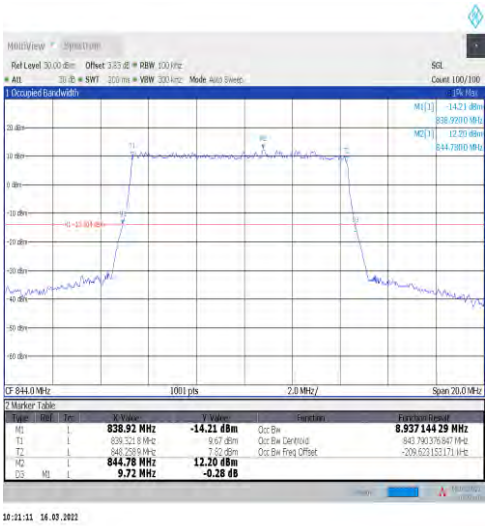

1-N5-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.937-9.720-≤10-PASS

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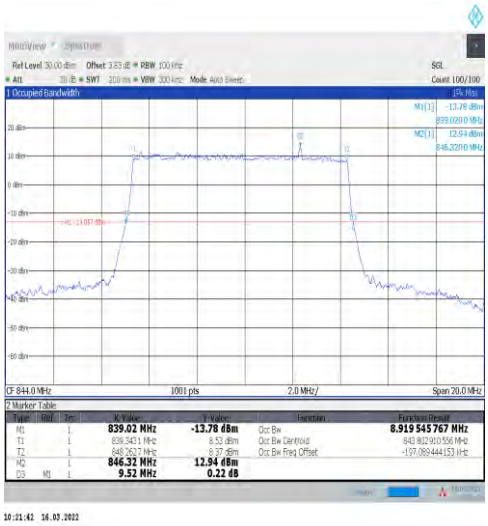

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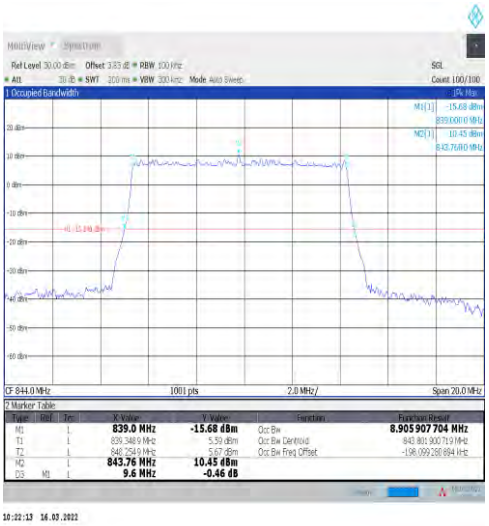

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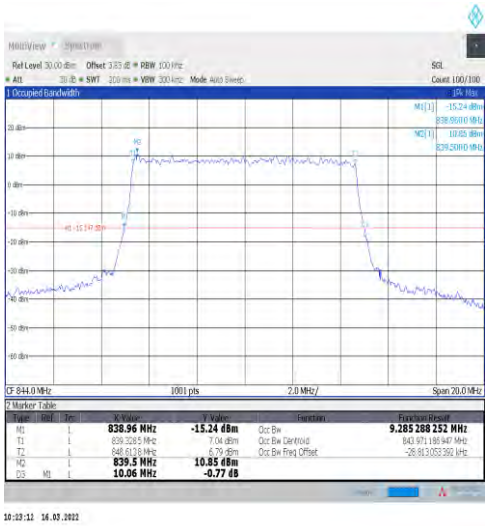
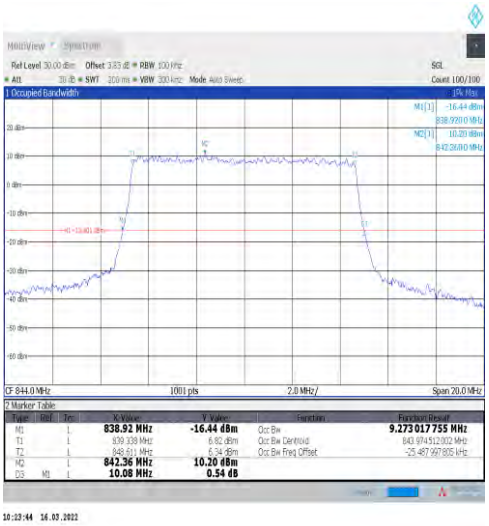


1-N5-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.285-10.060-≤10-PASS



1-N5-15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9.273-10.080-≤10-PASS

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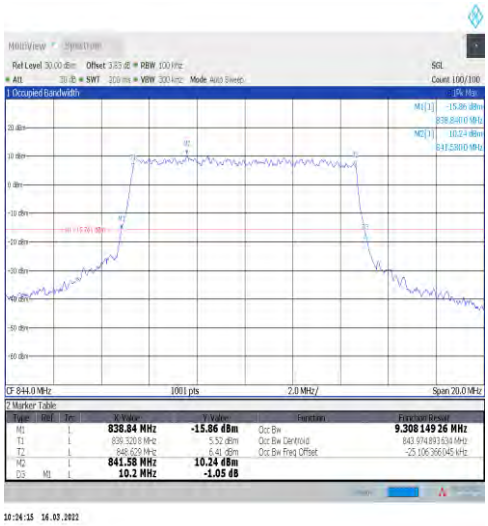

1-N5-15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant1-9.308-10.200-≤10-PASS

1-N5-15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant1-9.269-10.000-≤10-PASS

1-N5-15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.449-14.370-≤15-PASS

1-N5-15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.411-14.460-≤15-PASS

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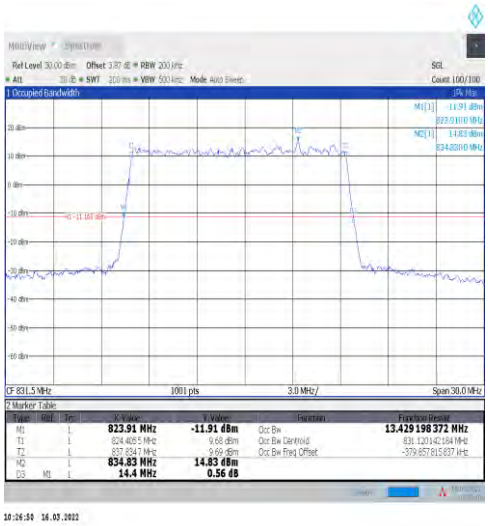

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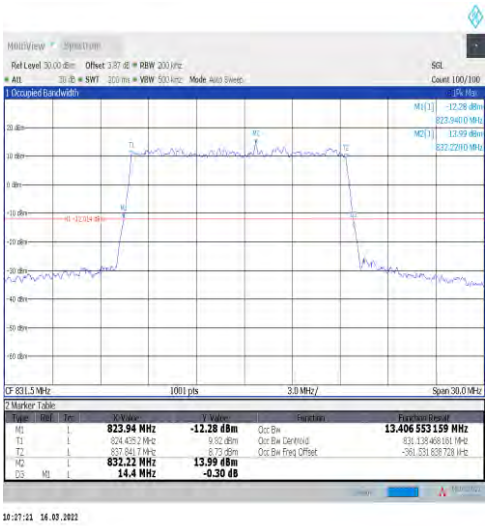
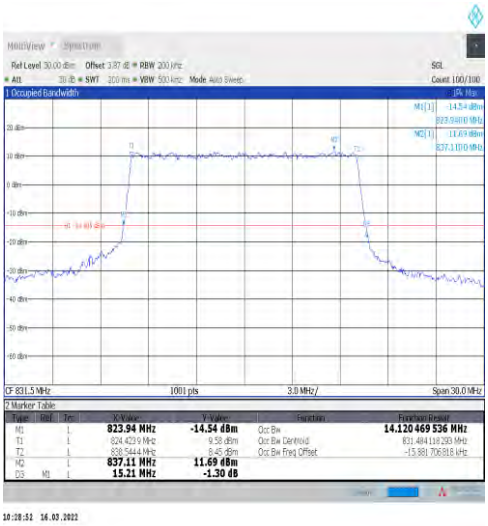


1-N5-15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.407-14.400-≤15-PASS

1-N5-15-15-L-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.448-14.520-≤15-PASS



1-N5-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-14.12-15.210-≤15-PASS

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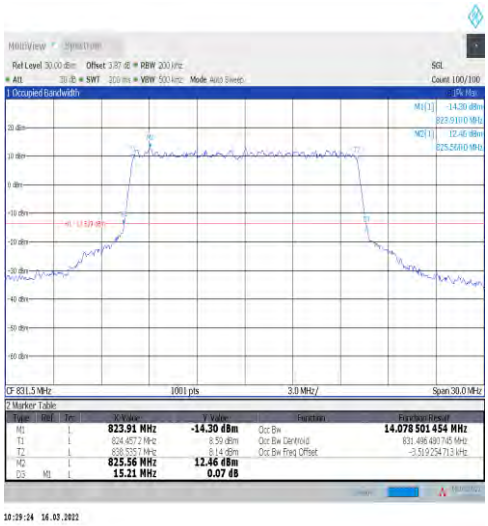
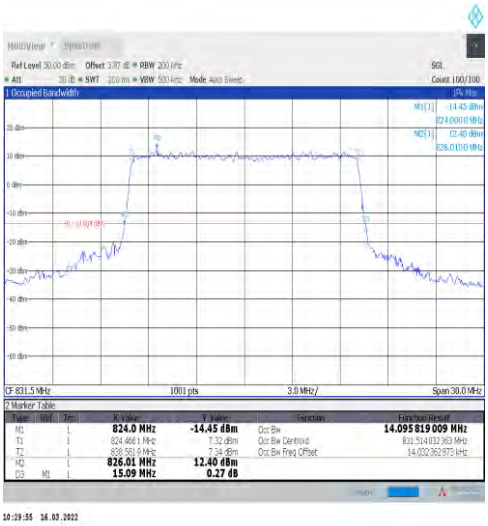


1-N5-15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant1-14.079-15.210-≤15-PASS



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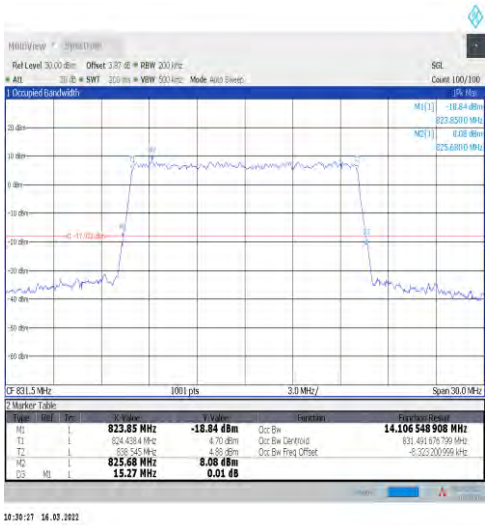

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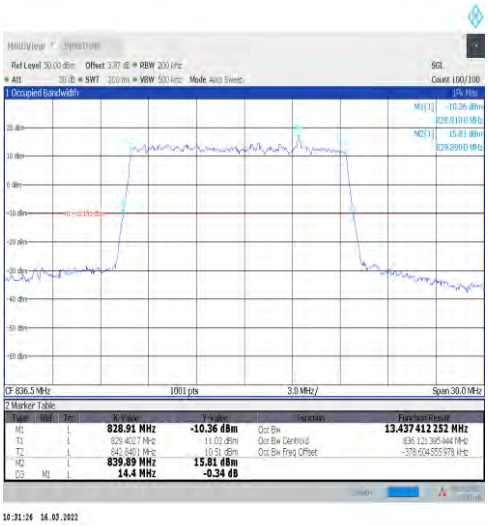

1-N5-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.437-14.400-≤15-PASS

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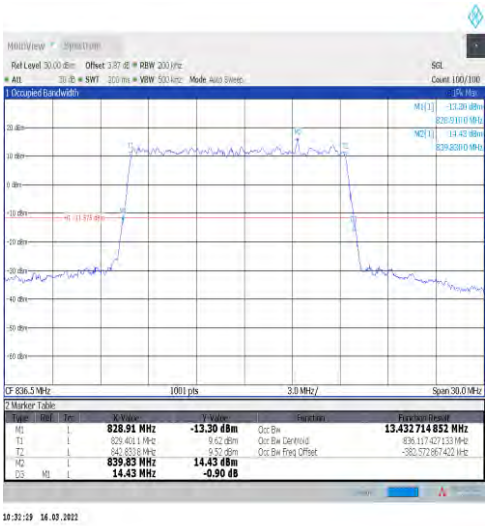

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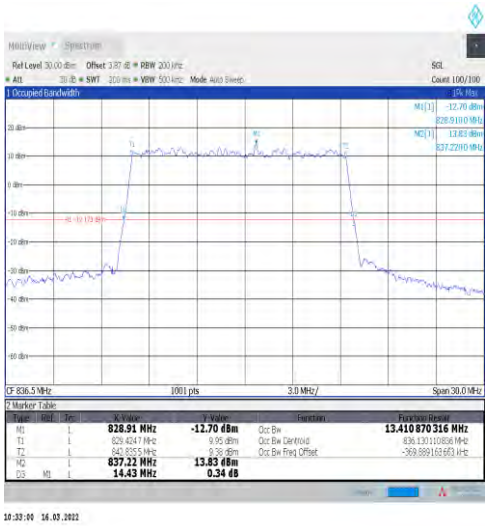

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1-N5-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.451-14.520-≤15-PASS

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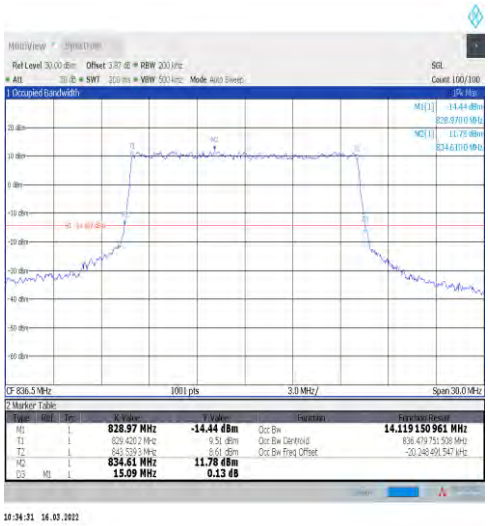

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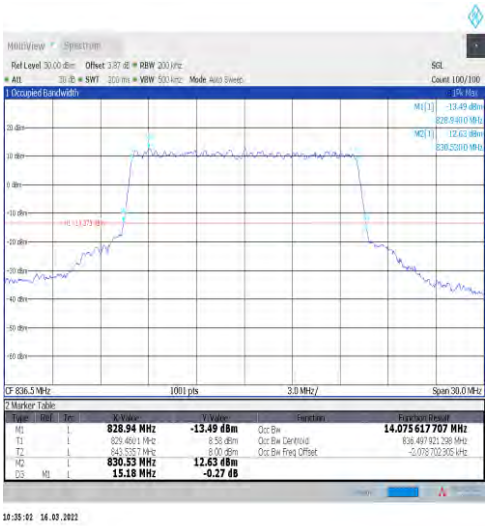
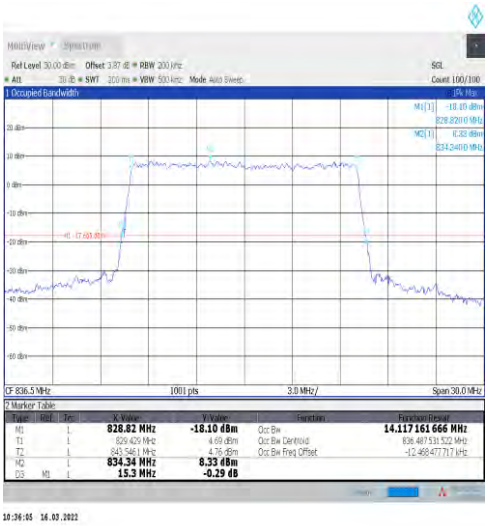


1-N5-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-14.076-15.180-≤15-PASS

1-N5-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-14.084-15.180-≤15-PASS



1-N5-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.117-15.300-≤15-PASS

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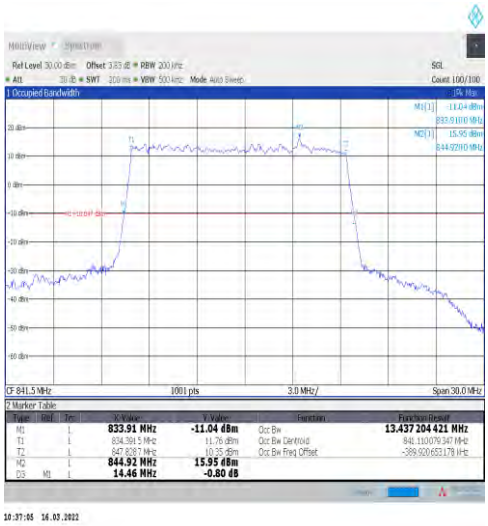

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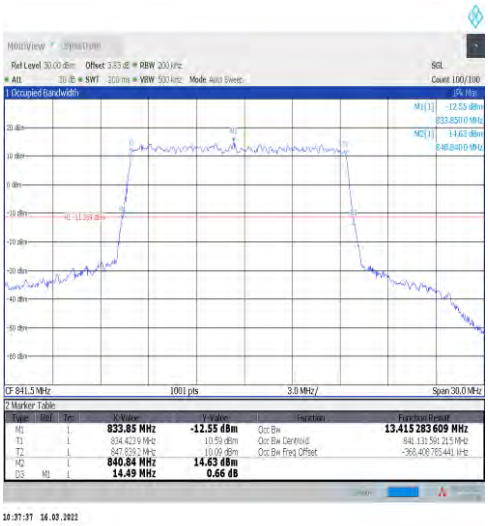

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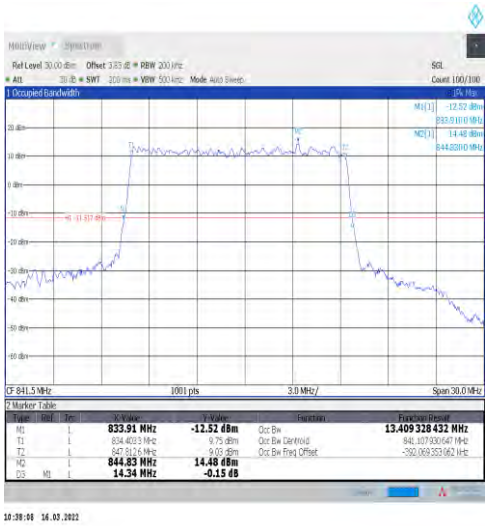

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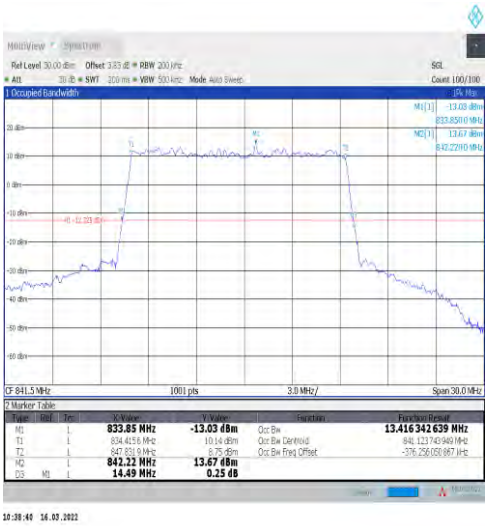

1-N5-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.416-14.490-≤15-PASS

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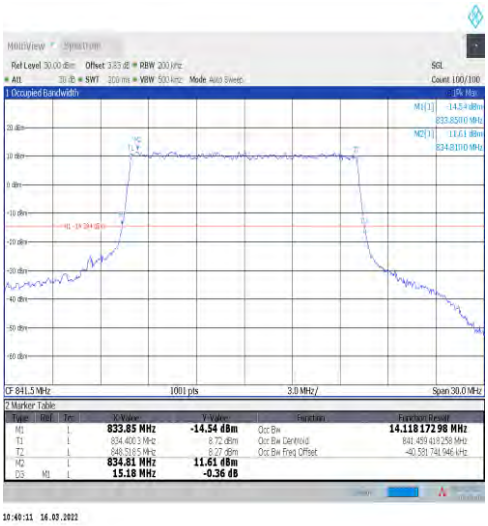

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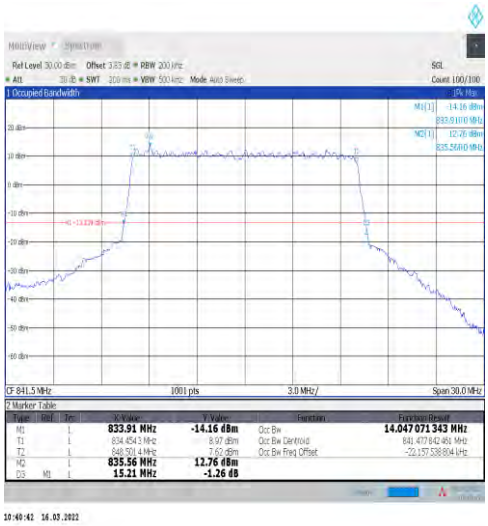

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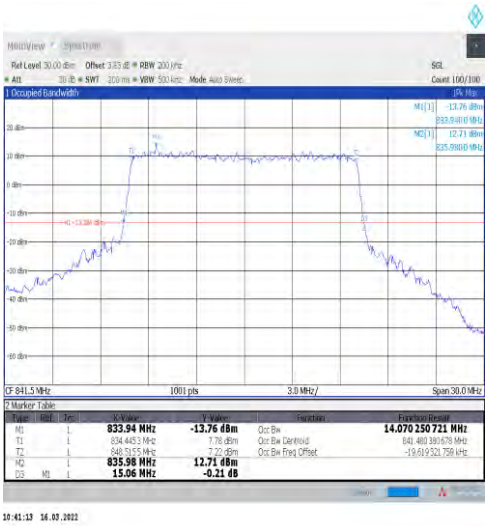

1-N5-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant1-14.07-15.060-≤15-PASS

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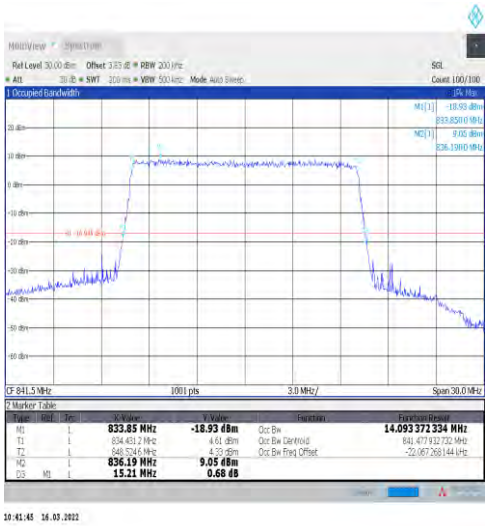

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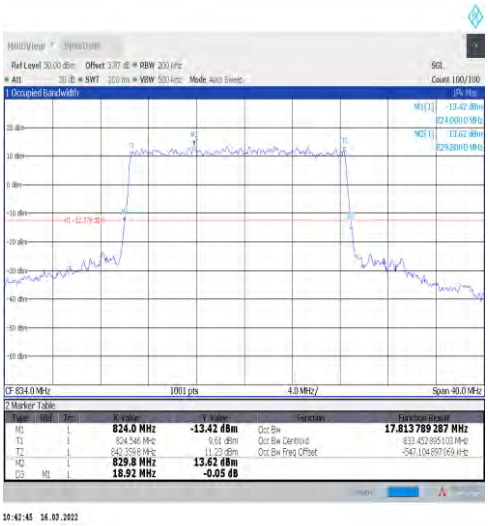

1-N5-15-20-L-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.814-18.920-≤20-PASS

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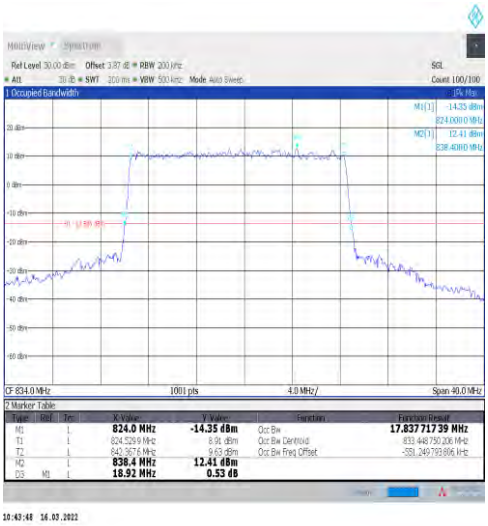

1-N5-15-20-L-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.838-18.920-≤20-PASS

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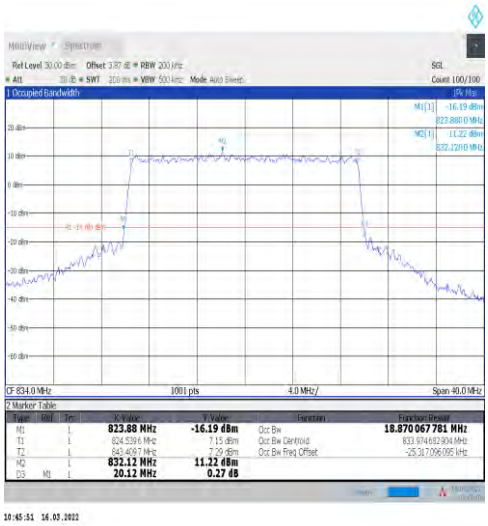
1-N5-15-20-L-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.843-18.920-≤20-PASS

1-N5-15-20-L-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.819-18.960-≤20-PASS



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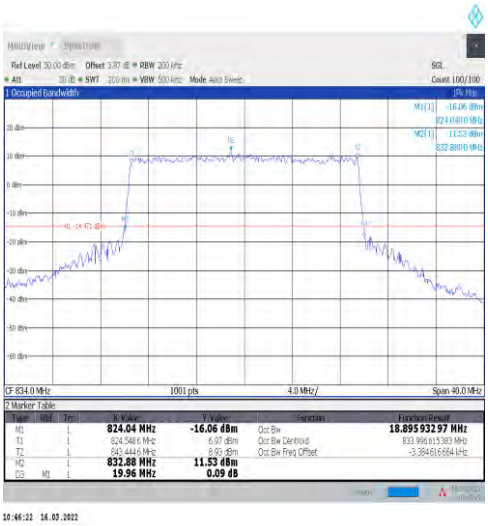

1-N5-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1-18.896-19.960-≤20-PASS

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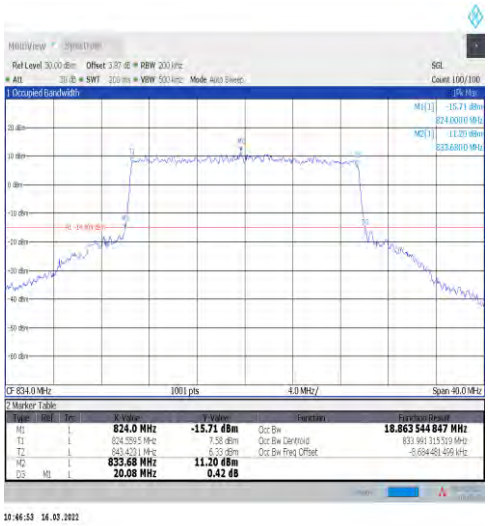

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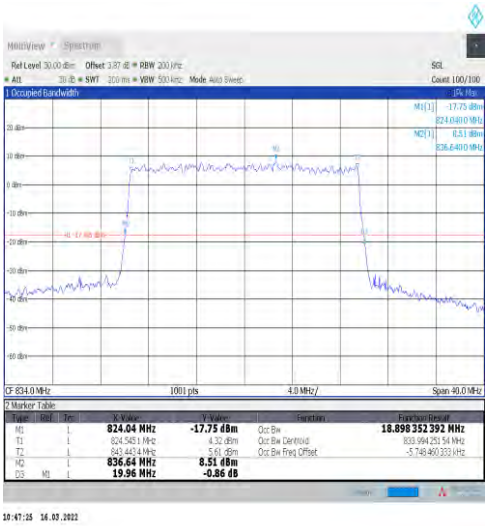

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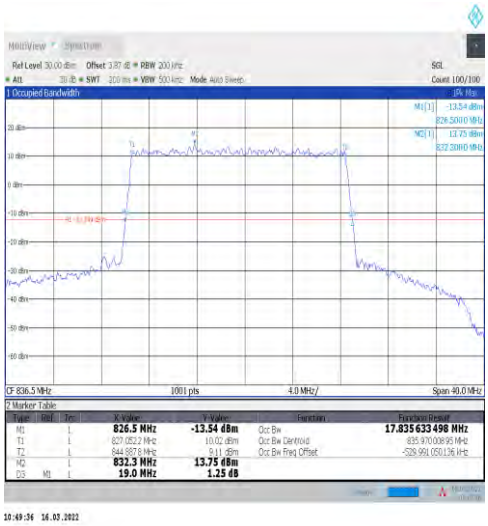

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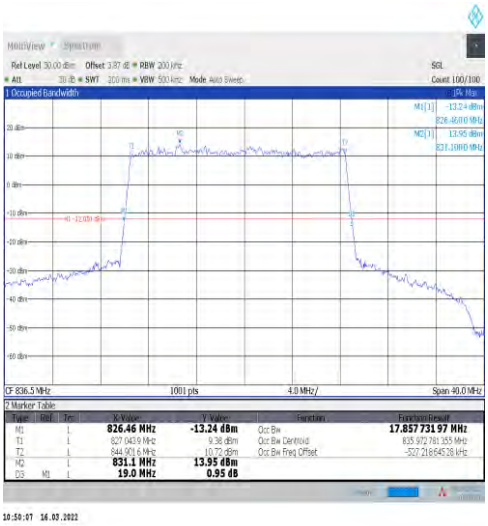

1-N5-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.858-19.000-≤20-PASS

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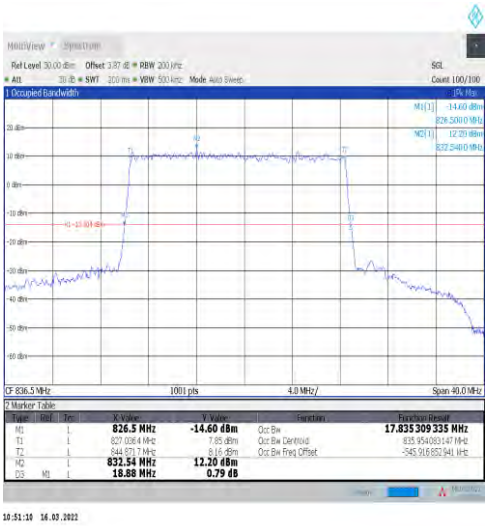
1-N5-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.851-18.920-≤20-PASS



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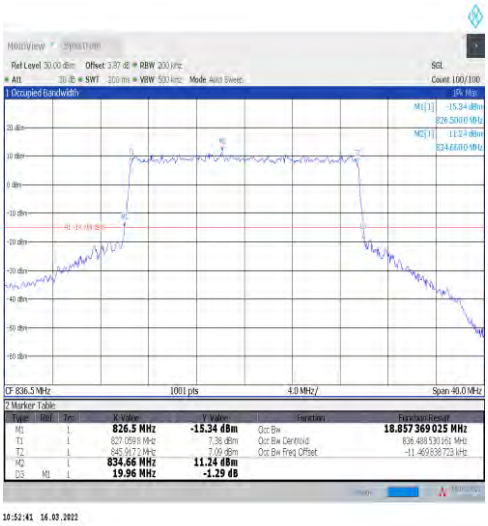

1-N5-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-18.857-19.960-≤20-PASS

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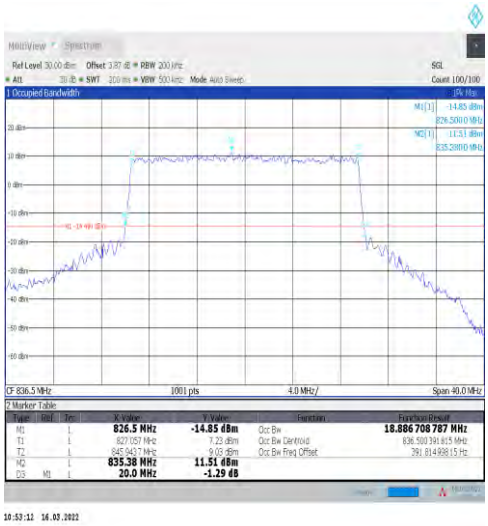

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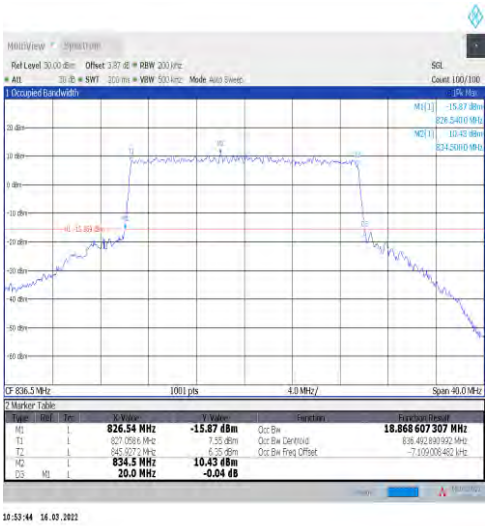

1-N5-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-18.869-20.000-≤20-PASS

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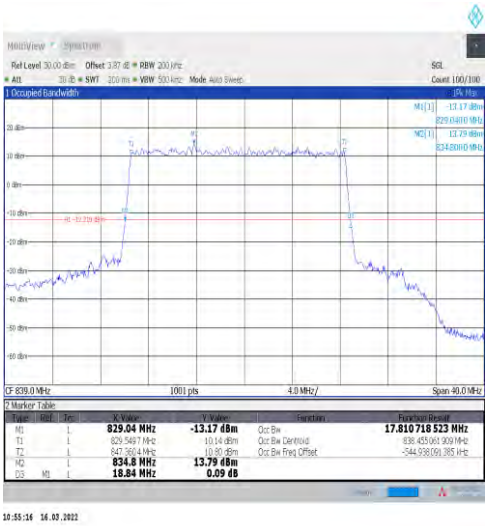

1-N5-15-20-H-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.811-18.840-≤20-PASS

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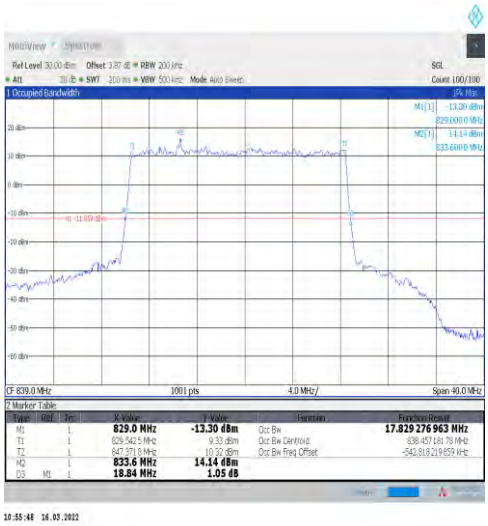

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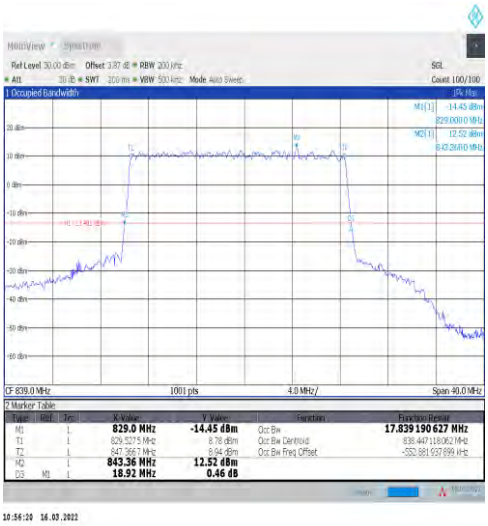

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1-N5-15-20-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.832-18.920-≤20-PASS

1-N5-15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.8-18.960-≤20-PASS

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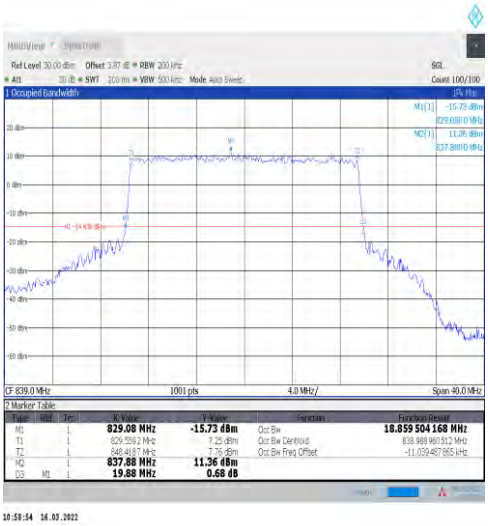

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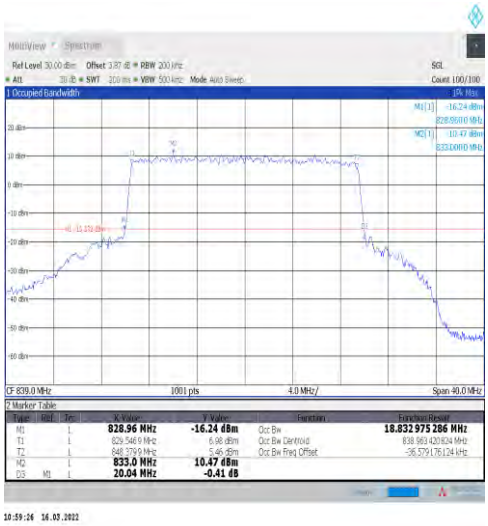

1-N5-15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant1-18.833-20.040-≤20-PASS

1-N5-15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant1-18.874-19.920-≤20-PASS

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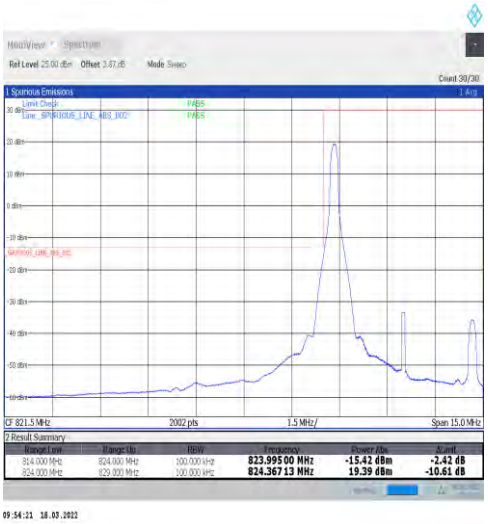
Band Edge for SA

Test Graphs



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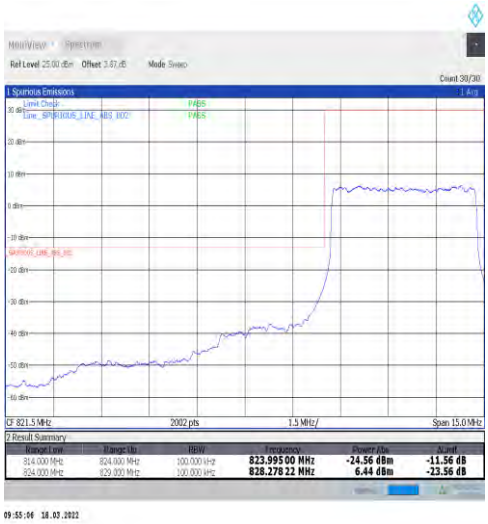

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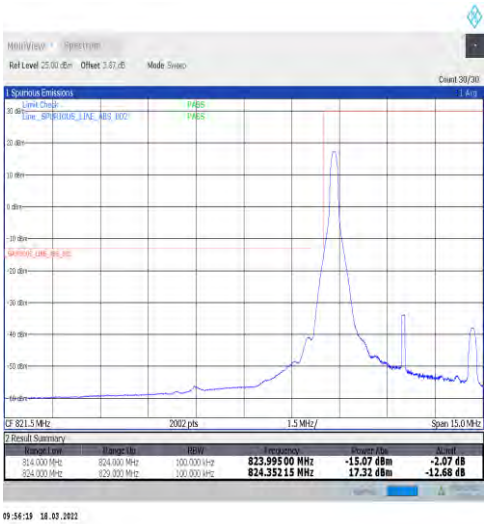

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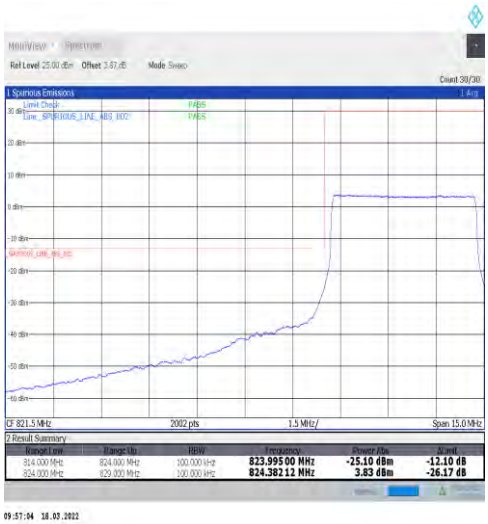

1-N5-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-seegraph-PASS-see graph

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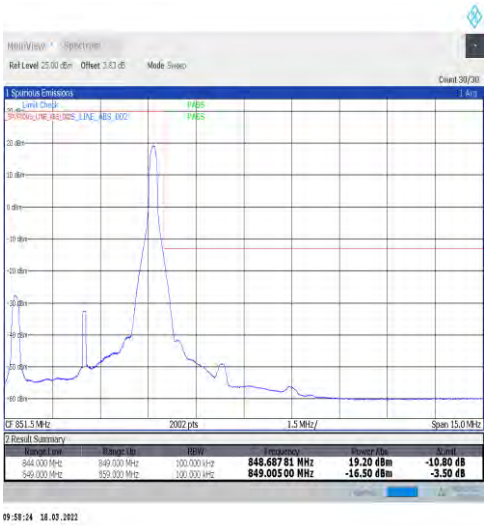

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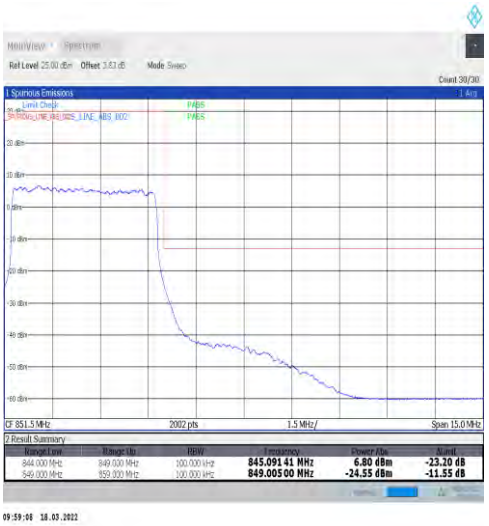

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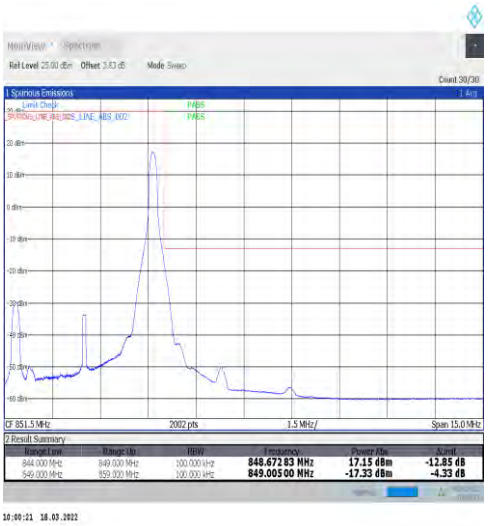

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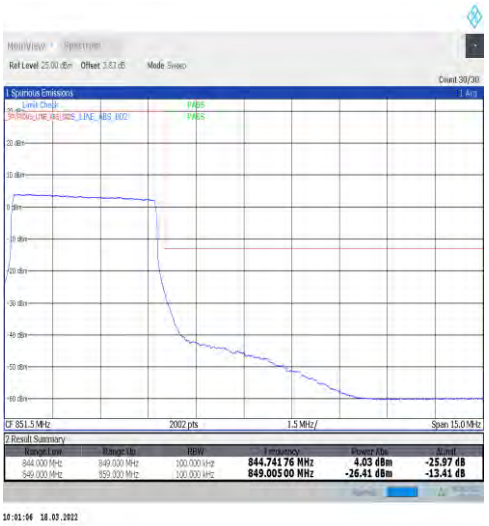

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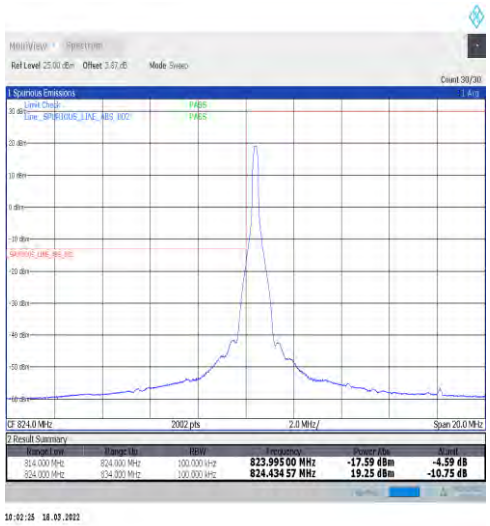

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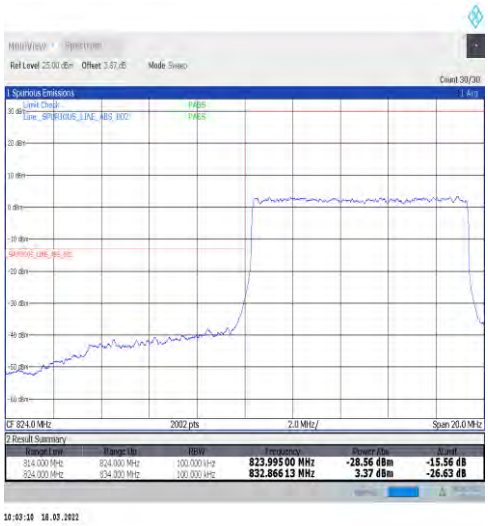

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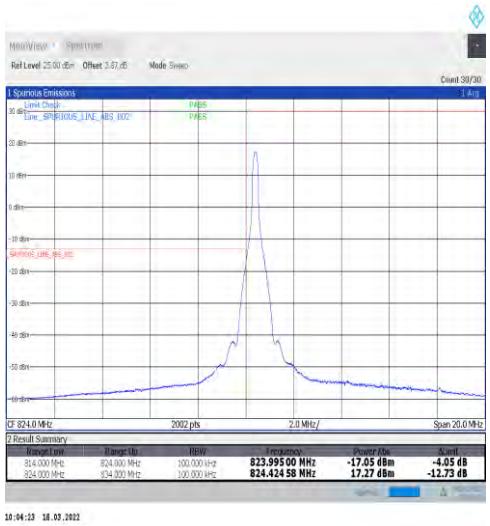

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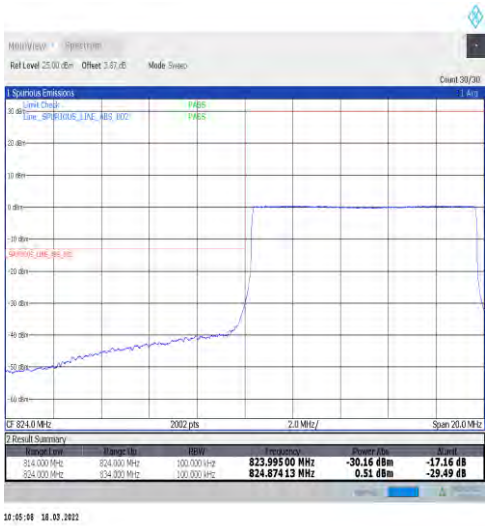

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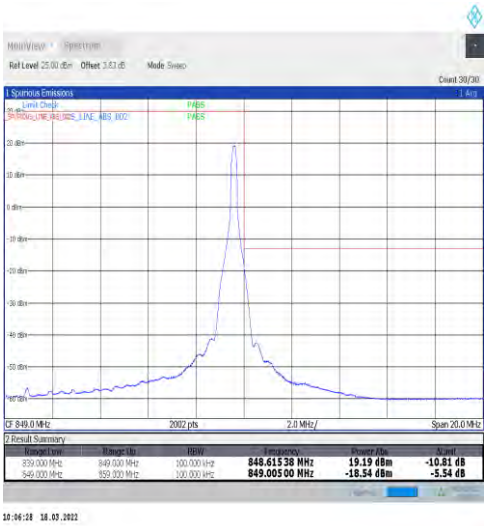

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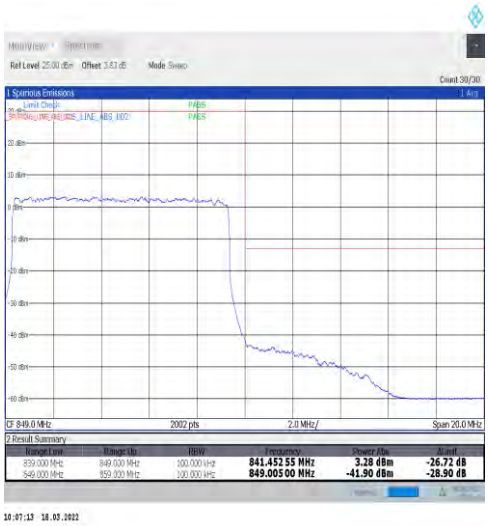

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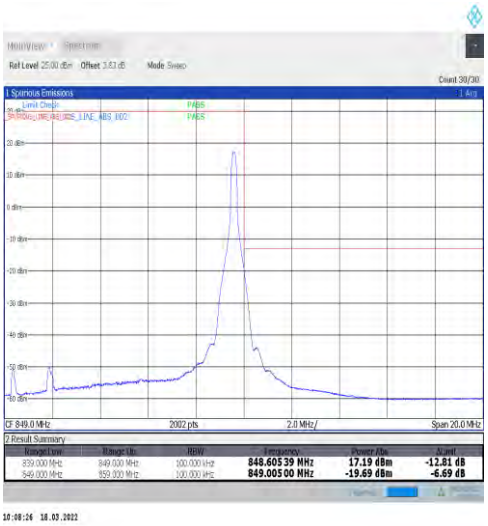

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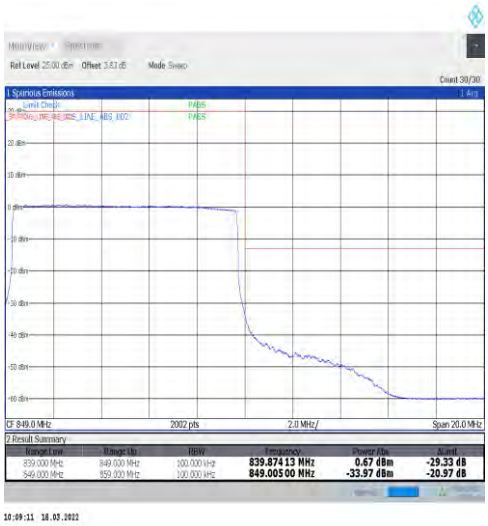

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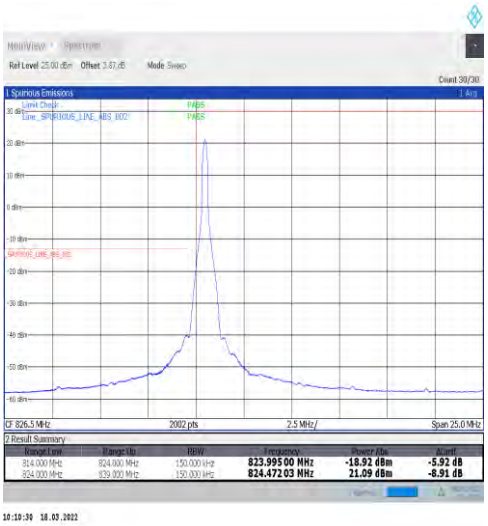

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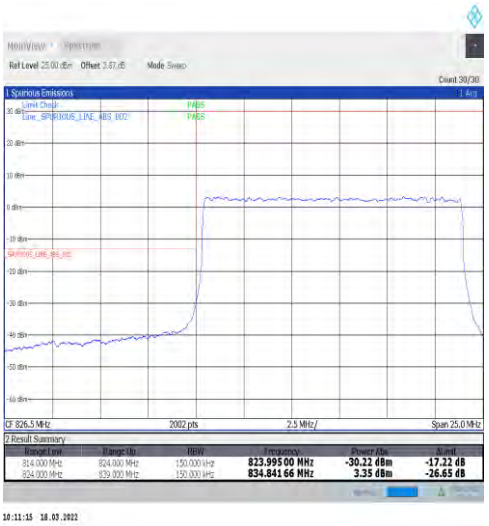

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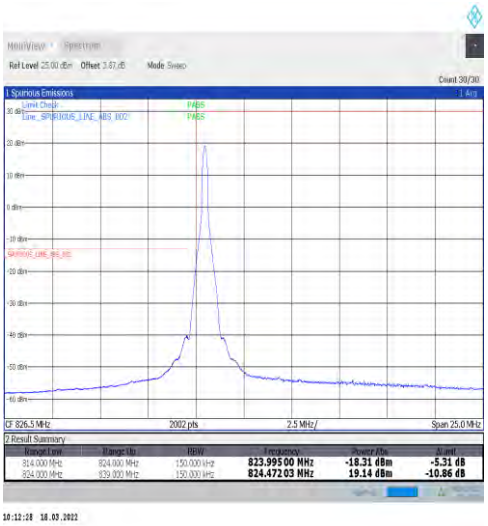

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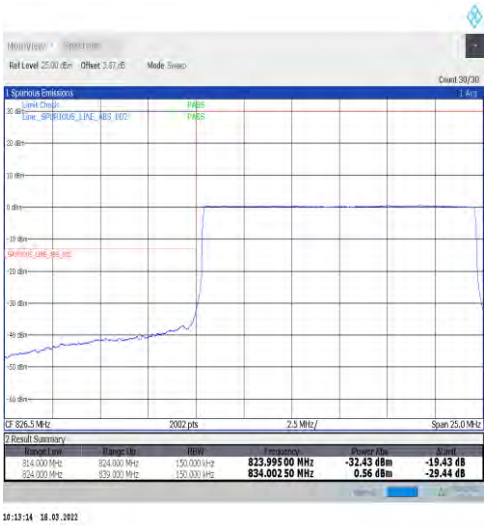

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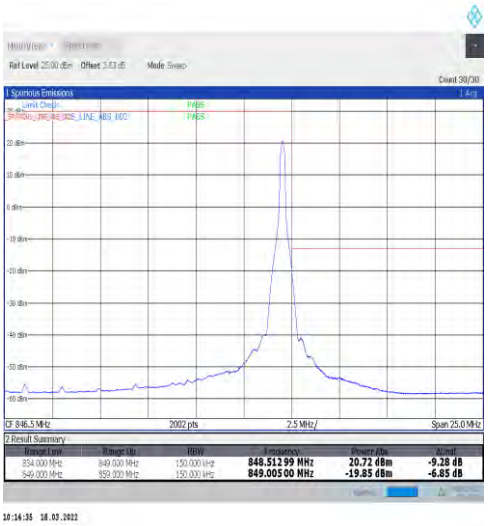

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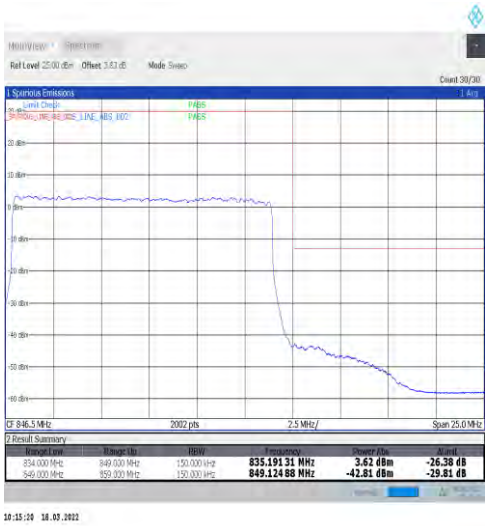

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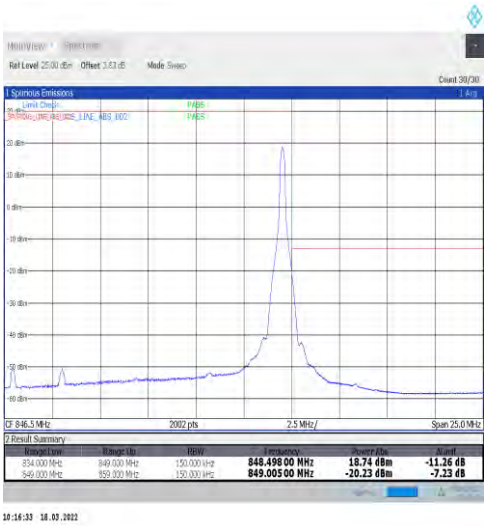

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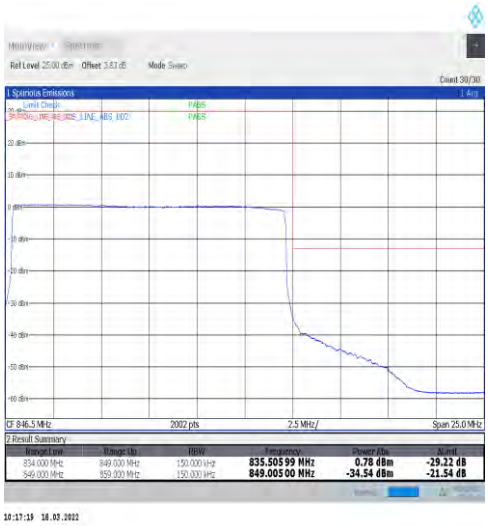

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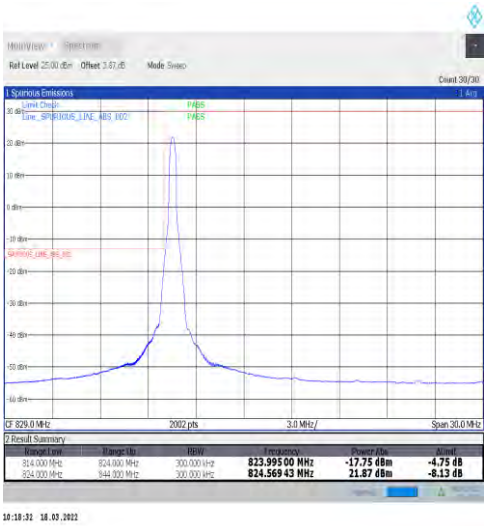

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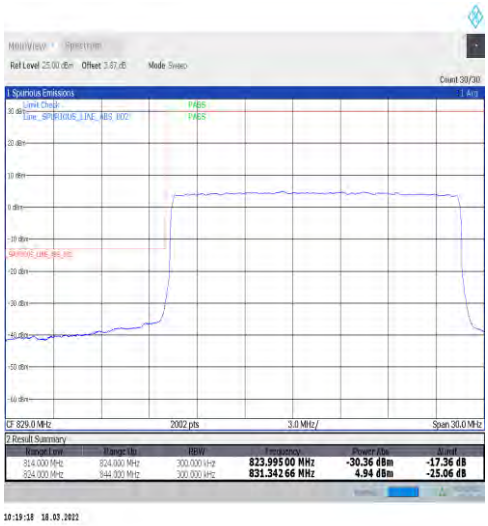

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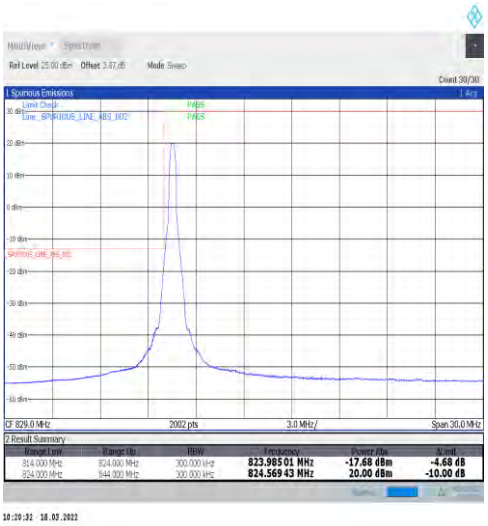

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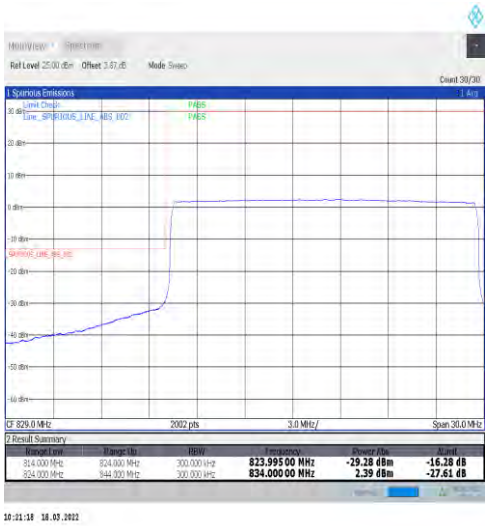

1-N5-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-seegraph-PASS-see graph

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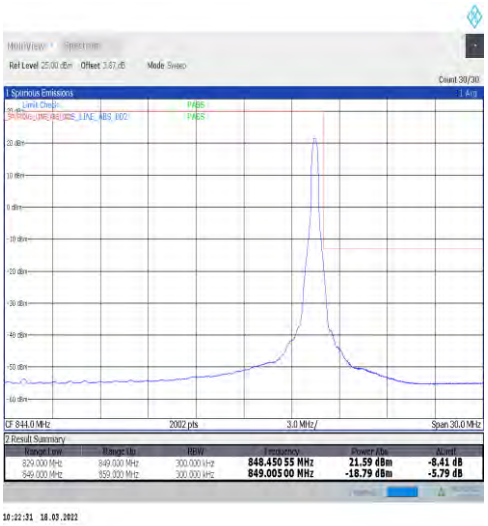

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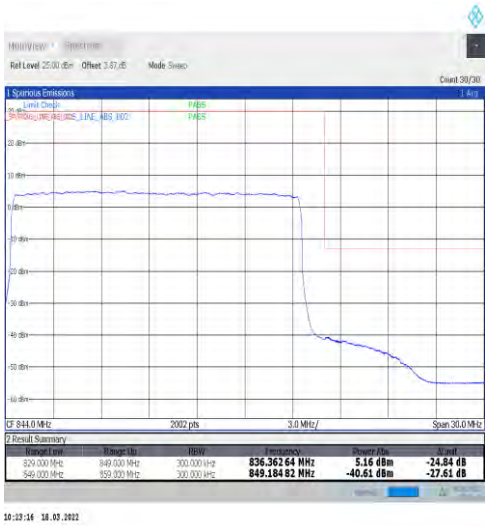

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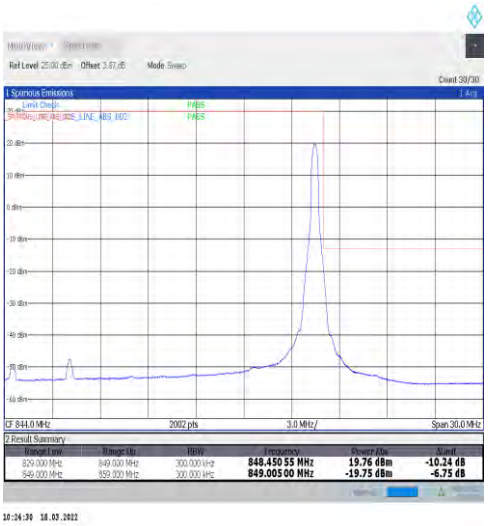

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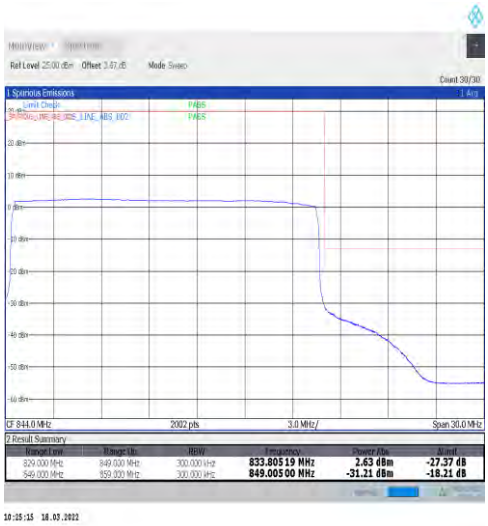

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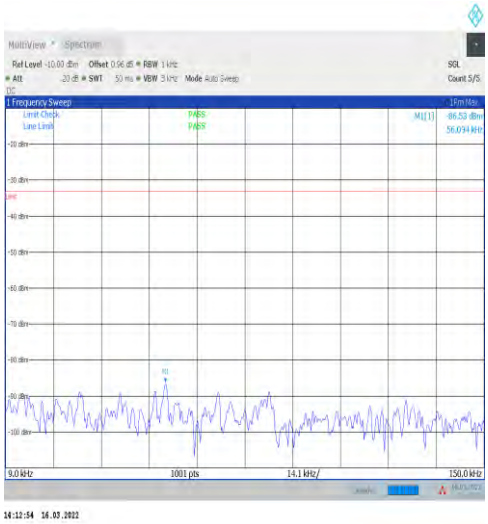
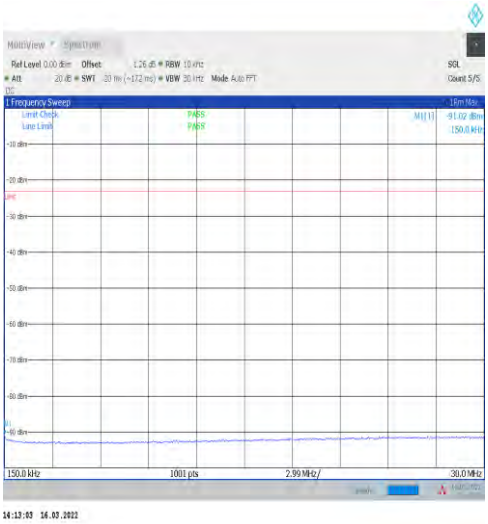
Conducted Spurious Emission for SA

Test Graphs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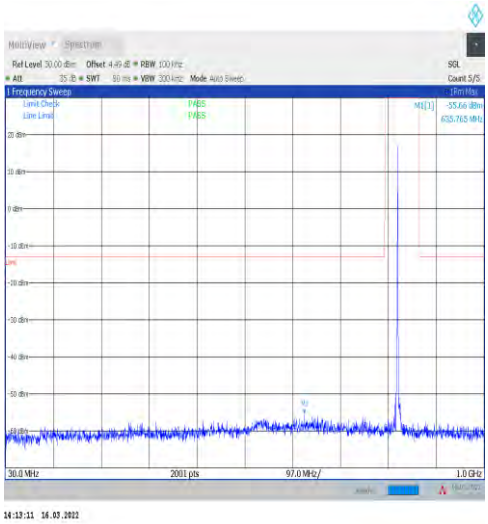	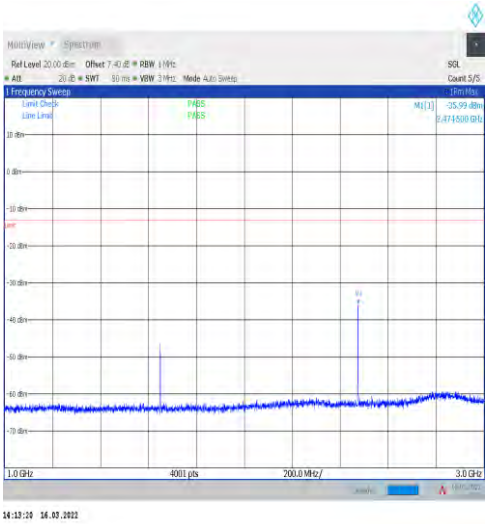
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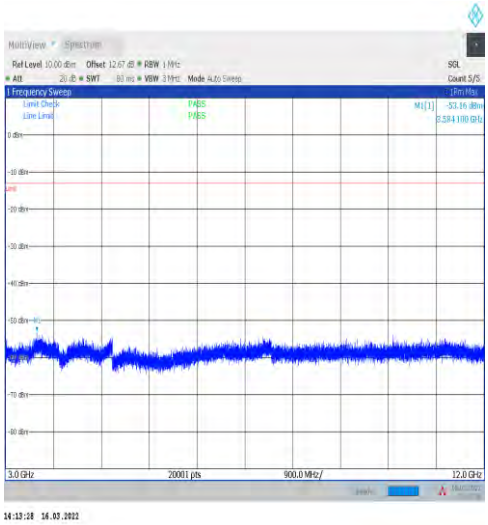

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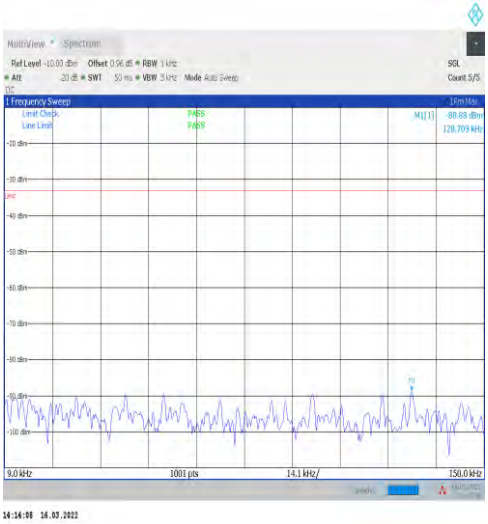

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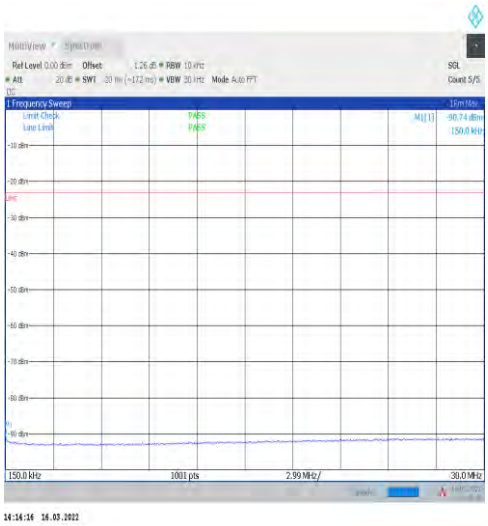

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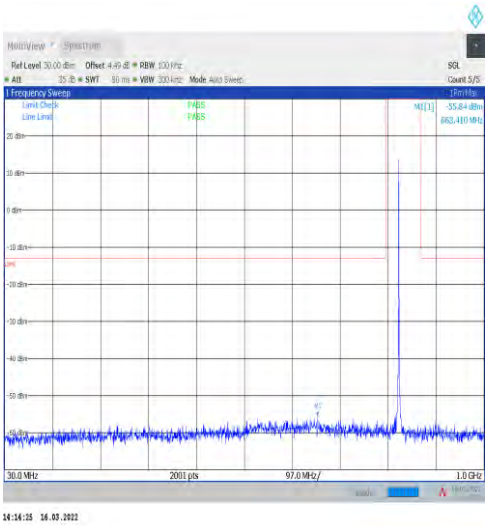

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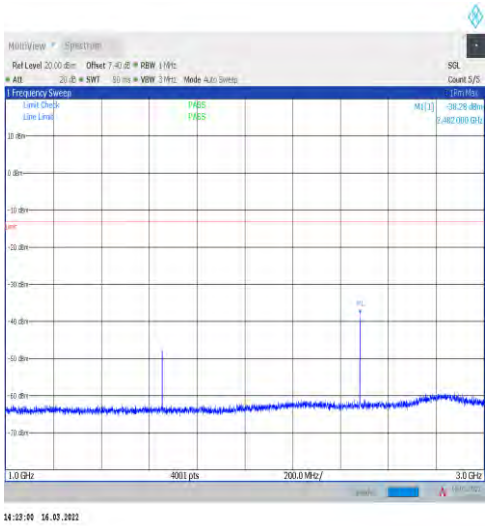

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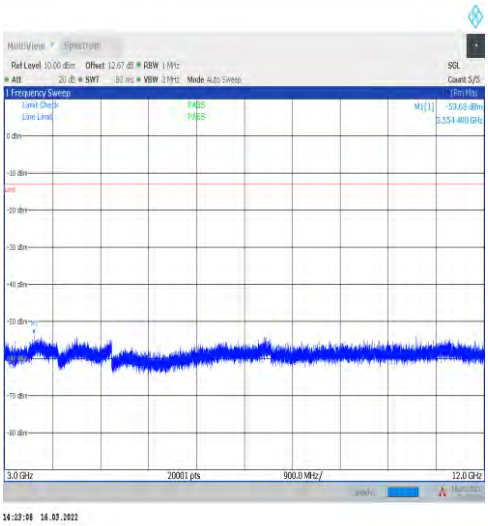

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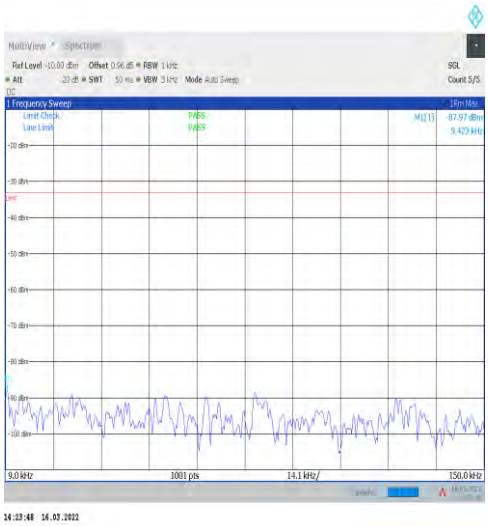

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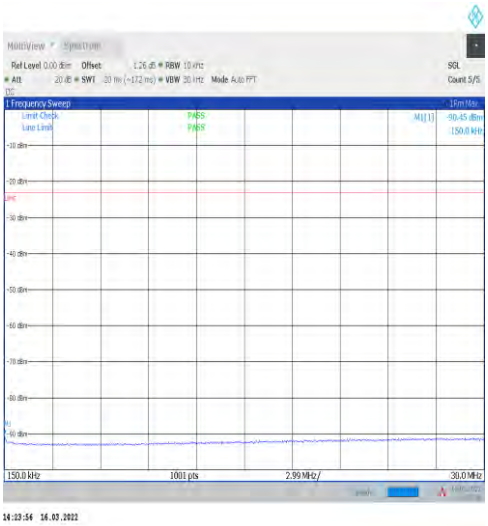

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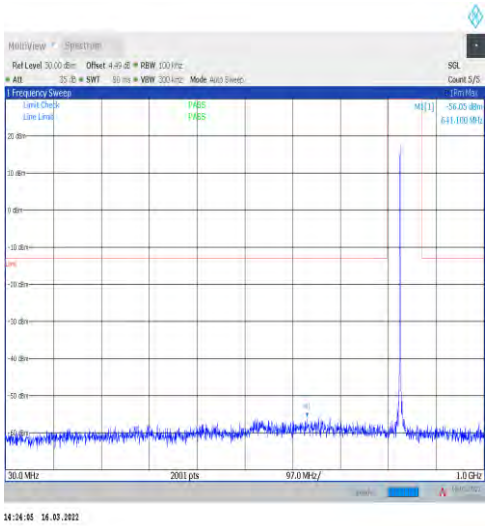	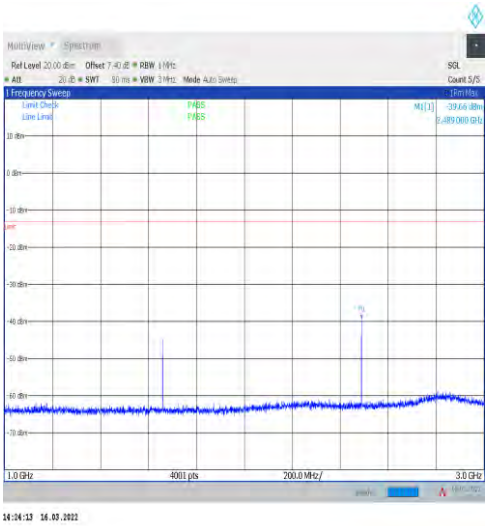
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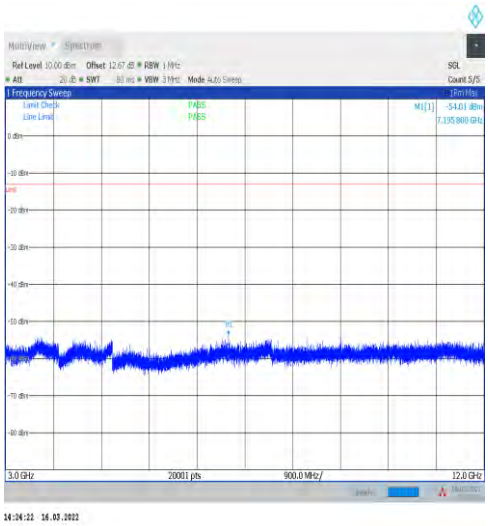	
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Field Strength of Spurious Radiation

Test Band = SA n5_ 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	1648	80.53	-118.07	-37.54	-13.00	24.54	241	275	Horizontal
2	2474	83.27	-114.37	-31.10	-13.00	18.10	175	291	Horizontal
3	3298	71.35	-111.89	-40.54	-13.00	27.54	264	111	Horizontal
4	4124	58.36	-109.80	-51.44	-13.00	38.44	269	236	Horizontal
5	4950.54	51.69	-107.85	-56.16	-13.00	43.16	304	149	Horizontal
6	5775.63	50.93	-105.30	-54.37	-13.00	41.37	155	330	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1648	60.31	-118.07	-57.76	-13.00	44.76	241	226	Vertical
2	2474	73.85	-114.37	-40.52	-13.00	27.52	261	179	Vertical
3	3298	56.39	-111.89	-55.50	-13.00	42.50	175	62	Vertical
4	4125.45	48.93	-109.79	-60.86	-13.00	47.86	264	210	Vertical
5	4950.54	50.58	-107.85	-57.27	-13.00	44.27	118	140	Vertical
6	5775.63	51.10	-105.30	-54.20	-13.00	41.20	262	124	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA n5_ 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	1654	81.91	-118.06	-36.15	-13.00	23.15	261	298	Horizontal
2	2482	81.60	-114.29	-32.69	-13.00	19.69	145	41	Horizontal
3	3308	69.10	-111.91	-42.81	-13.00	29.81	261	11	Horizontal
4	4136	56.46	-109.74	-53.28	-13.00	40.28	185	196	Horizontal
5	4962	55.92	-107.81	-51.89	-13.00	38.89	264	228	Horizontal
6	5793.13	51.59	-105.23	-53.64	-13.00	40.64	177	142	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	64.03	-118.06	-54.03	-13.00	41.03	261	196	Vertical
2	2480	67.86	-114.31	-46.45	-13.00	33.45	142	36	Vertical
3	3308	57.90	-111.91	-54.01	-13.00	41.01	269	85	Vertical
4	4137.95	48.97	-109.74	-60.77	-13.00	47.77	299	236	Vertical
5	4965.54	50.60	-107.80	-57.20	-13.00	44.20	247	159	Vertical
6	5793.13	51.60	-105.23	-53.63	-13.00	40.63	243	88	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA n5_ 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	1658	85.74	-118.05	-32.31	-13.00	19.31	162	350	Horizontal
2	2488	80.96	-114.23	-33.27	-13.00	20.27	172	142	Horizontal
3	3318	63.00	-111.93	-48.93	-13.00	35.93	234	350	Horizontal
4	4148	59.70	-109.69	-49.99	-13.00	36.99	145	151	Horizontal
5	4978	54.70	-107.75	-53.05	-13.00	40.05	268	174	Horizontal
6	5810.63	50.60	-105.13	-54.53	-13.00	41.53	175	158	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1658	73.63	-118.05	-44.42	-13.00	31.42	264	2	Vertical
2	2488	76.37	-114.23	-37.86	-13.00	24.86	117	350	Vertical
3	3320.36	51.71	-111.94	-60.23	-13.00	47.23	299	357	Vertical
4	4150.45	49.94	-109.67	-59.73	-13.00	46.73	175	133	Vertical
5	4980.54	51.28	-107.74	-56.46	-13.00	43.46	268	350	Vertical
6	5810.63	51.03	-105.13	-54.10	-13.00	41.10	170	211	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA DC_2A_n5_ 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	1648	76.35	-118.07	-41.72	-13.00	28.72	216	337	Horizontal
2	2475.27	53.84	-114.35	-60.51	-13.00	47.51	264	358	Horizontal
3	3298	65.85	-111.89	-46.04	-13.00	33.04	175	330	Horizontal
4	4125.45	45.44	-109.79	-64.35	-13.00	51.35	214	174	Horizontal
5	4950.54	49.17	-107.85	-58.68	-13.00	45.68	244	344	Horizontal
6	5775.63	48.83	-105.30	-56.47	-13.00	43.47	145	151	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1648	66.14	-118.07	-51.93	-13.00	38.93	261	127	Vertical
2	2475.27	50.50	-114.35	-63.85	-13.00	50.85	175	203	Vertical
3	3300.36	49.73	-111.89	-62.16	-13.00	49.16	264	88	Vertical
4	4125.45	49.27	-109.79	-60.52	-13.00	47.52	185	280	Vertical
5	4950.54	49.13	-107.85	-58.72	-13.00	45.72	269	280	Vertical
6	5775.63	49.87	-105.30	-55.43	-13.00	42.43	175	65	Vertical

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Test Band = NSA DC_2A_n5_ 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	1655.18	51.14	-118.05	-66.91	-13.00	53.91	263	257	Horizontal
2	2482.77	48.84	-114.27	-65.43	-13.00	52.43	354	48	Horizontal
3	3310.36	48.70	-111.92	-63.22	-13.00	50.22	175	149	Horizontal
4	4137.95	46.02	-109.74	-63.72	-13.00	50.72	268	141	Horizontal
5	4965.54	48.12	-107.80	-59.68	-13.00	46.68	177	133	Horizontal
6	5793.13	52.57	-105.23	-52.66	-13.00	39.66	255	296	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	63.29	-118.06	-54.77	-13.00	41.77	321	328	Vertical
2	2482.77	50.74	-114.27	-63.53	-13.00	50.53	152	40	Vertical
3	3310.36	49.81	-111.92	-62.11	-13.00	49.11	264	234	Vertical
4	4137.95	46.93	-109.74	-62.81	-13.00	49.81	175	342	Vertical
5	4965.54	49.37	-107.80	-58.43	-13.00	45.43	267	93	Vertical
6	5793.13	52.69	-105.23	-52.54	-13.00	39.54	175	203	Vertical

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Test Band = NSA DC_2A_n5_ 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	1660.18	53.46	-118.04	-64.58	-13.00	51.58	263	341	Horizontal
2	2490.27	49.10	-114.18	-65.08	-13.00	52.08	145	341	Horizontal
3	3320.36	47.38	-111.94	-64.56	-13.00	51.56	264	55	Horizontal
4	4150.45	45.27	-109.67	-64.40	-13.00	51.40	175	334	Horizontal
5	4980.54	47.25	-107.74	-60.49	-13.00	47.49	298	341	Horizontal
6	5810.63	49.35	-105.13	-55.78	-13.00	42.78	175	341	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	51.36	-118.04	-66.68	-13.00	53.68	231	30	Vertical
2	2490.27	50.39	-114.18	-63.79	-13.00	50.79	145	0	Vertical
3	3320.36	48.56	-111.94	-63.38	-13.00	50.38	264	209	Vertical
4	4150.45	46.97	-109.67	-62.70	-13.00	49.70	185	139	Vertical
5	4980.54	50.11	-107.74	-57.63	-13.00	44.63	264	187	Vertical
6	5810.63	49.50	-105.13	-55.63	-13.00	42.63	175	226	Vertical

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Test Band = NSA DC_12A_n5_ 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	1649.3333	75.40	-118.07	-42.67	-13.00	29.67	142	283	Horizontal
2	2473.3333	57.86	-114.38	-56.52	-13.00	43.52	264	271	Horizontal
3	3300.36	50.47	-111.89	-61.42	-13.00	48.42	175	259	Horizontal
4	4125.45	48.98	-109.79	-60.81	-13.00	47.81	264	3	Horizontal
5	4950.54	51.12	-107.86	-56.74	-13.00	43.74	177	130	Horizontal
6	5775.63	50.16	-105.30	-55.14	-13.00	42.14	299	83	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1648.8889	64.07	-118.07	-54.00	-13.00	41.00	263	101	Vertical
2	2473.3333	56.09	-114.38	-58.29	-13.00	45.29	214	185	Vertical
3	3297.7778	55.97	-111.89	-55.92	-13.00	42.92	185	229	Vertical
4	4125.45	48.49	-109.79	-61.30	-13.00	48.30	264	1	Vertical
5	4950.54	51.03	-107.86	-56.83	-13.00	43.83	175	264	Vertical
6	5775.63	48.96	-105.30	-56.34	-13.00	43.34	264	229	Vertical

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Test Band = NSA DC_12A_n5_ 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	1654.6667	66.51	-118.05	-51.54	-13.00	38.54	211	360	Horizontal
2	2480.8889	56.43	-114.30	-57.87	-13.00	44.87	156	60	Horizontal
3	3308.4444	55.38	-111.91	-56.53	-13.00	43.53	241	82	Horizontal
4	4137.95	48.12	-109.73	-61.61	-13.00	48.61	145	140	Horizontal
5	4965.54	49.66	-107.80	-58.14	-13.00	45.14	269	279	Horizontal
6	5898.2222	57.31	-104.59	-47.28	-13.00	34.28	211	106	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1653.7778	64.33	-118.06	-53.73	-13.00	40.73	263	160	Vertical
2	2481.3333	55.96	-114.30	-58.34	-13.00	45.34	214	357	Vertical
3	3308	59.47	-111.91	-52.44	-13.00	39.44	185	299	Vertical
4	4137.95	47.39	-109.73	-62.34	-13.00	49.34	264	183	Vertical
5	4965.54	49.52	-107.80	-58.28	-13.00	45.28	177	31	Vertical
6	5793.13	49.38	-105.23	-55.85	-13.00	42.85	185	148	Vertical

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Test Band = NSA DC_12A_n5_ 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	1654.6667	75.45	-118.05	-42.60	-13.00	29.60	201	84	Horizontal
2	2481.3333	67.07	-114.30	-47.23	-13.00	34.23	236	60	Horizontal
3	3308.4444	56.23	-111.91	-55.68	-13.00	42.68	144	350	Horizontal
4	4150.45	48.24	-109.68	-61.44	-13.00	48.44	111	360	Horizontal
5	4980.54	50.53	-107.74	-57.21	-13.00	44.21	145	357	Horizontal
6	5810.63	49.57	-105.14	-55.57	-13.00	42.57	266	24	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654.6667	71.21	-118.05	-46.84	-13.00	33.84	213	0	Vertical
2	2490.27	51.50	-114.20	-62.70	-13.00	49.70	362	20	Vertical
3	3308.4444	57.07	-111.91	-54.84	-13.00	41.84	185	148	Vertical
4	4135.1111	53.94	-109.75	-55.81	-13.00	42.81	341	264	Vertical
5	4980.54	49.68	-107.74	-58.06	-13.00	45.06	189	54	Vertical
6	5810.63	49.55	-105.14	-55.59	-13.00	42.59	266	0	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA DC_13A_n5_ 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	1650	83.73	-118.07	-34.34	-13.00	21.34	261	259	Horizontal
2	2474	60.79	-114.37	-53.58	-13.00	40.58	175	3	Horizontal
3	3298	67.39	-111.89	-44.50	-13.00	31.50	235	259	Horizontal
4	4122	55.08	-109.81	-54.73	-13.00	41.73	175	228	Horizontal
5	4950.54	51.12	-107.85	-56.73	-13.00	43.73	264	104	Horizontal
6	5898	59.83	-104.59	-44.76	-13.00	31.76	175	104	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650	71.01	-118.07	-47.06	-13.00	34.06	263	86	Vertical
2	2474	65.99	-114.37	-48.38	-13.00	35.38	217	141	Vertical
3	3298	68.80	-111.89	-43.09	-13.00	30.09	152	187	Vertical
4	4122	56.34	-109.81	-53.47	-13.00	40.47	294	17	Vertical
5	4950.54	51.48	-107.85	-56.37	-13.00	43.37	175	47	Vertical
6	5898	57.23	-104.59	-47.36	-13.00	34.36	266	134	Vertical

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Test Band = NSA DC_13A_n5_ 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	1654	67.35	-118.06	-50.71	-13.00	37.71	255	120	Horizontal
2	2480	64.40	-114.31	-49.91	-13.00	36.91	186	112	Horizontal
3	3308	56.87	-111.91	-55.04	-13.00	42.04	241	81	Horizontal
4	4137.95	48.76	-109.74	-60.98	-13.00	47.98	172	229	Horizontal
5	4965.54	51.00	-107.80	-56.80	-13.00	43.80	211	214	Horizontal
6	5898	59.99	-104.59	-44.60	-13.00	31.60	297	338	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	66.56	-118.06	-51.50	-13.00	38.50	263	350	Vertical
2	2482	58.69	-114.29	-55.60	-13.00	42.60	214	140	Vertical
3	3308	60.38	-111.91	-51.53	-13.00	38.53	298	280	Vertical
4	4137.95	48.57	-109.74	-61.17	-13.00	48.17	244	17	Vertical
5	4965.54	50.65	-107.80	-57.15	-13.00	44.15	175	194	Vertical
6	5898	57.59	-104.59	-47.00	-13.00	34.00	267	133	Vertical

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Test Band = NSA DC_13A_n5_ 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	1658	78.19	-118.05	-39.86	-13.00	26.86	263	118	Horizontal
2	2384	72.15	-115.19	-43.04	-13.00	30.04	314	112	Horizontal
3	3320	51.51	-111.93	-60.42	-13.00	47.42	264	80	Horizontal
4	4150.45	49.46	-109.67	-60.21	-13.00	47.21	185	143	Horizontal
5	4980.54	50.67	-107.74	-57.07	-13.00	44.07	241	88	Horizontal
6	5810.63	51.03	-105.13	-54.10	-13.00	41.10	177	26	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660	60.63	-118.04	-57.41	-13.00	44.41	263	141	Vertical
2	2384	59.57	-115.19	-55.62	-13.00	42.62	341	155	Vertical
3	3318	56.80	-111.93	-55.13	-13.00	42.13	175	281	Vertical
4	4150.45	48.67	-109.67	-61.00	-13.00	48.00	264	108	Vertical
5	4980.54	50.28	-107.74	-57.46	-13.00	44.46	178	61	Vertical
6	5810.63	50.51	-105.13	-54.62	-13.00	41.62	267	187	Vertical

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Test Band = NSA DC_30A_n5_ 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	1649	44.19	-94.97	-50.78	-13.00	37.78	263	195	Horizontal
2	2475.27	38.85	-91.41	-52.56	-13.00	39.56	145	226	Horizontal
3	3300.36	50.78	-111.66	-60.88	-13.00	47.88	268	317	Horizontal
4	4125.45	48.12	-109.46	-61.34	-13.00	48.34	175	0	Horizontal
5	4950.54	51.16	-107.69	-56.53	-13.00	43.53	264	119	Horizontal
6	5775.63	50.17	-105.30	-55.13	-13.00	42.13	174	229	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.5	49.80	-94.97	-45.17	-13.00	32.17	263	358	Vertical
2	2475.27	38.06	-91.41	-53.35	-13.00	40.35	351	196	Vertical
3	3300.36	50.55	-111.66	-61.11	-13.00	48.11	175	330	Vertical
4	4125.45	47.86	-109.46	-61.60	-13.00	48.60	264	180	Vertical
5	4950.54	50.40	-107.69	-57.29	-13.00	44.29	172	1	Vertical
6	5775.63	50.18	-105.30	-55.12	-13.00	42.12	268	22	Vertical

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Test Band = NSA DC_30A_n5_ 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	1655.18	39.41	-94.96	-55.55	-13.00	42.55	231	354	Horizontal
2	2482.77	39.18	-91.35	-52.17	-13.00	39.17	152	175	Horizontal
3	3310.36	50.87	-111.67	-60.80	-13.00	47.80	264	71	Horizontal
4	4137.95	47.86	-109.45	-61.59	-13.00	48.59	196	0	Horizontal
5	4965.54	50.19	-107.66	-57.47	-13.00	44.47	264	14	Horizontal
6	5793.13	50.48	-105.19	-54.71	-13.00	41.71	175	230	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	39.16	-94.96	-55.80	-13.00	42.80	231	345	Vertical
2	2482.77	38.74	-91.35	-52.61	-13.00	39.61	142	57	Vertical
3	3310.36	50.58	-111.67	-61.09	-13.00	48.09	264	70	Vertical
4	4137.95	47.84	-109.45	-61.61	-13.00	48.61	188	200	Vertical
5	4965.54	49.96	-107.66	-57.70	-13.00	44.70	264	230	Vertical
6	5793.13	51.35	-105.19	-53.84	-13.00	40.84	175	357	Vertical

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Test Band = NSA DC_30A_n5_ 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	1660.18	39.42	-94.94	-55.52	-13.00	42.52	261	220	Horizontal
2	2490.27	39.18	-91.30	-52.12	-13.00	39.12	142	166	Horizontal
3	3320.36	51.14	-111.68	-60.54	-13.00	47.54	265	61	Horizontal
4	4150.45	47.16	-109.43	-62.27	-13.00	49.27	185	129	Horizontal
5	4980.54	50.04	-107.63	-57.59	-13.00	44.59	261	160	Horizontal
6	5810.63	49.81	-105.12	-55.31	-13.00	42.31	196	109	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	39.36	-94.94	-55.58	-13.00	42.58	263	205	Vertical
2	2490.27	38.38	-91.30	-52.92	-13.00	39.92	214	205	Vertical
3	3320.36	49.66	-111.68	-62.02	-13.00	49.02	142	358	Vertical
4	4150.45	48.47	-109.43	-60.96	-13.00	47.96	264	201	Vertical
5	4980.54	49.84	-107.63	-57.79	-13.00	44.79	102	269	Vertical
6	5810.63	49.40	-105.12	-55.72	-13.00	42.72	177	71	Vertical

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Test Band = NSA DC_48A_n5_ 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	1650.18	53.40	-118.06	-64.66	-13.00	51.66	263	236	Horizontal
2	2475.27	53.92	-114.36	-60.44	-13.00	47.44	174	1	Horizontal
3	3313.3433	42.97	-88.37	-45.40	-13.00	32.40	162	145	Horizontal
4	4125.45	32.76	-84.91	-52.15	-13.00	39.15	217	301	Horizontal
5	4950.54	33.79	-81.77	-47.98	-13.00	34.98	189	22	Horizontal
6	5775.63	33.96	-78.13	-44.17	-13.00	31.17	264	101	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	53.61	-118.06	-64.45	-13.00	51.45	263	3	Vertical
2	2475.27	52.69	-114.36	-61.67	-13.00	48.67	174	278	Vertical
3	3300.36	35.59	-88.37	-52.78	-13.00	39.78	186	163	Vertical
4	4125.45	32.54	-84.91	-52.37	-13.00	39.37	294	70	Vertical
5	4950.54	33.42	-81.77	-48.35	-13.00	35.35	177	0	Vertical
6	5775.63	33.64	-78.13	-44.49	-13.00	31.49	136	318	Vertical

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Test Band = NSA DC_48A_n5_ 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	1654	89.15	-118.06	-28.91	-13.00	15.91	162	237	Horizontal
2	2481	83.73	-114.30	-30.57	-13.00	17.57	233	268	Horizontal
3	3310.36	36.52	-88.37	-51.85	-13.00	38.85	296	53	Horizontal
4	4137.95	33.47	-84.88	-51.41	-13.00	38.41	244	307	Horizontal
5	4965.54	33.53	-81.68	-48.15	-13.00	35.15	176	331	Horizontal
6	5793.13	33.89	-77.96	-44.07	-13.00	31.07	284	360	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	74.43	-118.06	-43.63	-13.00	30.63	263	321	Vertical
2	2481	65.50	-114.30	-48.80	-13.00	35.80	214	249	Vertical
3	3310.36	36.68	-88.37	-51.69	-13.00	38.69	179	357	Vertical
4	4137.95	33.76	-84.88	-51.12	-13.00	38.12	268	1	Vertical
5	4965.54	34.46	-81.68	-47.22	-13.00	34.22	179	50	Vertical
6	5793.13	34.18	-77.96	-43.78	-13.00	30.78	265	273	Vertical

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Test Band = NSA DC_48A_n5_ 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	1660.18	54.16	-118.04	-63.88	-13.00	50.88	263	302	Horizontal
2	2490.27	53.82	-114.20	-60.38	-13.00	47.38	341	358	Horizontal
3	3320.36	36.17	-88.37	-52.20	-13.00	39.20	264	360	Horizontal
4	4150.45	32.32	-84.85	-52.53	-13.00	39.53	178	343	Horizontal
5	4980.54	33.22	-81.59	-48.37	-13.00	35.37	266	359	Horizontal
6	5810.63	32.86	-77.89	-45.03	-13.00	32.03	177	3	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	54.07	-118.04	-63.97	-13.00	50.97	241	63	Vertical
2	2490.27	52.44	-114.20	-61.76	-13.00	48.76	175	360	Vertical
3	3320.36	36.12	-88.37	-52.25	-13.00	39.25	269	104	Vertical
4	4150.45	32.62	-84.85	-52.23	-13.00	39.23	188	357	Vertical
5	4980.54	33.86	-81.59	-47.73	-13.00	34.73	266	250	Vertical
6	5810.63	33.94	-77.89	-43.95	-13.00	30.95	293	182	Vertical

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Test Band = NSA DC_66A_n5_ 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	1650.18	42.75	-94.97	-52.22	-13.00	39.22	263	129	Horizontal
2	2475.27	40.71	-91.41	-50.70	-13.00	37.70	351	106	Horizontal
3	3300.36	49.87	-111.66	-61.79	-13.00	48.79	175	21	Horizontal
4	4125.45	48.31	-109.46	-61.15	-13.00	48.15	264	280	Horizontal
5	4950.54	49.97	-107.69	-57.72	-13.00	44.72	188	329	Horizontal
6	5775.63	50.13	-105.30	-55.17	-13.00	42.17	264	299	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	39.62	-94.97	-55.35	-13.00	42.35	263	358	Vertical
2	2475.27	38.31	-91.41	-53.10	-13.00	40.10	241	3	Vertical
3	3300.36	49.76	-111.66	-61.90	-13.00	48.90	185	329	Vertical
4	4125.45	48.23	-109.46	-61.23	-13.00	48.23	244	349	Vertical
5	4950.54	50.35	-107.69	-57.34	-13.00	44.34	185	0	Vertical
6	5775.63	49.53	-105.30	-55.77	-13.00	42.77	267	280	Vertical

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Test Band = NSA DC_66A_n5_ 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	1655.18	41.28	-94.96	-53.68	-13.00	40.68	261	120	Horizontal
2	2482.77	41.49	-91.35	-49.86	-13.00	37.32	175	104	Horizontal
3	3310.36	50.35	-111.67	-61.32	-13.00	48.32	264	3	Horizontal
4	4137.95	47.99	-109.45	-61.46	-13.00	48.46	264	15	Horizontal
5	4965.54	50.12	-107.66	-57.54	-13.00	44.54	174	270	Horizontal
6	5793.13	51.40	-105.19	-53.79	-13.00	40.79	222	81	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	39.24	-94.96	-55.72	-13.00	42.72	114	360	Vertical
2	2482.77	38.58	-91.35	-52.77	-13.00	39.77	145	96	Vertical
3	3310.36	50.37	-111.67	-61.30	-13.00	48.30	222	15	Vertical
4	4137.95	48.13	-109.45	-61.32	-13.00	48.32	174	289	Vertical
5	4965.54	49.96	-107.66	-57.70	-13.00	44.70	236	132	Vertical
6	5793.13	49.47	-105.19	-55.72	-13.00	42.72	320	211	Vertical

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Test Band = NSA DC_66A_n5_ 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	1660.18	41.93	-94.94	-53.01	-13.00	40.01	214	106	Horizontal
2	2490.27	40.04	-91.30	-51.26	-13.00	38.26	156	208	Horizontal
3	3320.36	51.32	-111.68	-60.36	-13.00	47.36	265	169	Horizontal
4	4150.45	47.85	-109.43	-61.58	-13.00	48.58	175	169	Horizontal
5	4980.54	49.53	-107.63	-58.10	-13.00	45.10	264	1	Horizontal
6	5810.63	50.52	-105.12	-54.60	-13.00	41.60	177	72	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	38.60	-94.94	-56.34	-13.00	43.34	236	26	Vertical
2	2490.27	38.48	-91.30	-52.82	-13.00	39.82	144	80	Vertical
3	3320.36	49.87	-111.68	-61.81	-13.00	48.81	265	61	Vertical
4	4150.45	47.63	-109.43	-61.80	-13.00	48.80	187	22	Vertical
5	4980.54	49.65	-107.63	-57.98	-13.00	44.98	188	198	Vertical
6	5810.63	50.77	-105.12	-54.35	-13.00	41.35	266	259	Vertical

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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-2.500000	-0.002989	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-5.700000	-0.006814	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-2.800000	-0.003347	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VH	NT	0.400000	0.000478	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VN	NT	-0.500000	-0.000598	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VL	NT	3.000000	0.003586	±2.5	PASS

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Frequency Error VS. Temperature

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	2.100000	0.002510	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-5.400000	-0.006455	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	1.700000	0.002032	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	2.200000	0.002630	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	2.600000	0.003108	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	1.800000	0.002152	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	1.000000	0.001195	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	4.700000	0.005619	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	1.100000	0.001315	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-30	0.300000	0.000359	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-20	-0.500000	-0.000598	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-10	6.000000	0.007173	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	0	3.100000	0.003706	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	10	5.100000	0.006097	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	20	3.900000	0.004662	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	30	1.100000	0.001315	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	40	0.200000	0.000239	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	50	1.000000	0.001195	±2.5	PASS

The End

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中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)