Appendix B.27

NR Band n5

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Effective (Isotropic) Radiated Power Output Data for SA

Test ResultAnt1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.74	22.08	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.81	22.15	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	23.23	21.57	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	23.84	22.18	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	23.89	22.23	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	23.15	21.49	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	23.42	21.76	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	23.41	21.75	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	22.23	20.57	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	22.01	20.35	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	21.8	20.14	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	21.79	20.13	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	19.38	17.72	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	19.36	17.7	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	19.67	18.01	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.06	22.4	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.08	22.42	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	23.44	21.78	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	23.91	22.25	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	24.09	22.43	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	23.28	21.62	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	23.4	21.74	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	23.34	21.68	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	22.31	20.65	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	21.91	20.25	38.45	PASS

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N5	15	5	DFT-64QAM	M	Inner_1RB_Right	21.96	20.3	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	21.87	20.21	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	19.63	17.97	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Right	19.65	17.99	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	19.83	18.17	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.04	22.38	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24	22.34	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	23.55	21.89	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	24.15	22.49	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	24.08	22.42	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	23.36	21.7	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	23.33	21.67	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	23.37	21.71	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	22.26	20.6	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	21.95	20.29	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	21.9	20.24	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	21.73	20.07	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	19.75	18.09	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	19.62	17.96	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	19.83	18.17	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.7	22.04	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.96	22.3	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	23.47	21.81	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	23.88	22.22	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	23.99	22.33	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	23.29	21.63	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	23.11	21.45	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	23.32	21.66	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	22.31	20.65	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	21.79	20.13	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	21.96	20.3	38.45	PASS

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N5	15	10	DFT-64QAM	L	Outer_Full	21.75	20.09	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	19.62	17.96	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	19.75	18.09	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	19.71	18.05	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.93	22.27	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.91	22.25	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	23.48	21.82	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	24.04	22.38	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	24.16	22.5	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	23.32	21.66	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	23.4	21.74	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	23.34	21.68	38.45	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	22.33	20.67	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Left	21.86	20.2	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Right	21.86	20.2	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	21.89	20.23	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	19.78	18.12	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	19.92	18.26	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	19.64	17.98	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.12	22.46	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.15	22.49	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	23.55	21.89	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	24.03	22.37	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	23.86	22.2	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	23	21.34	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	23.19	21.53	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	22.96	21.3	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	21.91	20.25	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	21.6	19.94	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	21.72	20.06	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	21.3	19.64	38.45	PASS

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N5	15	10	DFT-256QAM	H	Inner_1RB_Left	19.89	18.23	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	19.61	17.95	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	19.95	18.29	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.83	22.17	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.97	22.31	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	23.52	21.86	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	23.85	22.19	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	23.97	22.31	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	23.53	21.87	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	23.09	21.43	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	23.04	21.38	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	22.61	20.95	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	21.49	19.83	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	21.84	20.18	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	21.16	19.5	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	19.44	17.78	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	19.55	17.89	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	19.69	18.03	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.81	22.15	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.14	22.48	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	23.41	21.75	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	23.84	22.18	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	24.02	22.36	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	23.19	21.53	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	22.83	21.17	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	23.1	21.44	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	21.89	20.23	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	21.59	19.93	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	21.66	20	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	21.47	19.81	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	19.8	18.14	38.45	PASS

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N5	15	15	DFT-256QAM	M	Inner_1RB_Right	20.49	18.83	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	19.78	18.12	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.07	22.41	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.98	22.32	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	23.43	21.77	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	23.98	22.32	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	23.91	22.25	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	23.39	21.73	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	23.12	21.46	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	22.94	21.28	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	22.4	20.74	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	21.54	19.88	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	21.41	19.75	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	21.93	20.27	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	19.82	18.16	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	20.02	18.36	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	19.89	18.23	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.8	22.14	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.05	22.39	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	23.41	21.75	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	23.98	22.32	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	24.26	22.6	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	23.09	21.43	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	23.17	21.51	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Right	23.23	21.57	38.45	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	22.29	20.63	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	21.66	20	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	21.76	20.1	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	21.66	20	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	19.61	17.95	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	19.8	18.14	38.45	PASS

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N5	15	20	DFT-256QAM	L	Outer_Full	19.64	17.98	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.8	22.14	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.98	22.32	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	23.44	21.78	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	24.01	22.35	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	24.08	22.42	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	23.13	21.47	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	22.98	21.32	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	23.18	21.52	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	22.11	20.45	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	21.69	20.03	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	21.56	19.9	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	21.77	20.11	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	19.72	18.06	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	19.95	18.29	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	19.74	18.08	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.94	22.28	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.17	22.51	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	23.38	21.72	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	24.01	22.35	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	24.09	22.43	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	23.27	21.61	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	23.1	21.44	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	23.17	21.51	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	22.28	20.62	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	21.57	19.91	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	21.55	19.89	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	21.66	20	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	19.7	18.04	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	20	18.34	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	19.67	18.01	38.45	PASS

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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1 (dBm)	Power Ant7 (dBm)	Total Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	21.17	22.31	24.79	23.13	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	19.84	21.06	23.50	21.84	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	21.12	22.32	24.77	23.11	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	19.93	21.10	23.56	21.90	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	21.25	22.29	24.81	23.15	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	19.97	21.04	23.55	21.89	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	21.14	22.28	24.76	23.10	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	20.11	21.06	23.62	21.96	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	21.06	22.31	24.74	23.08	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	19.82	21.10	23.52	21.86	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	21.24	22.40	24.87	23.21	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	19.98	21.45	23.79	22.13	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	21.12	22.37	24.80	23.14	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	19.85	21.43	23.72	22.06	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	21.02	22.29	24.71	23.05	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	19.79	21.10	23.50	21.84	38.45	PAS

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N5	15	15	DFT-QPSK	H	Inner_1RB_Left	21.12	22.31	24.77	23.11	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	19.96	21.16	23.61	21.95	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	21.09	22.32	24.76	23.10	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	21.32	22.35	24.88	23.22	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	20.13	21.44	23.84	22.18	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	21.21	22.26	24.78	23.12	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	21.16	22.15	24.69	23.03	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	20.32	21.52	23.97	22.31	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	19.82	21.12	23.53	21.87	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Right	20.04	21.16	23.65	21.99	38.45	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	19.11	20.53	22.89	21.23	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	18.63	20.00	22.38	20.72	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	18.92	19.99	22.50	20.84	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	18.69	20.07	22.44	20.78	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	16.73	18.03	20.44	18.78	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	16.99	18.08	20.58	18.92	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	16.80	18.10	20.51	18.85	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	21.16	22.28	24.77	23.11	38.45	PASS

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N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	21.26	22.37	24.86	23.20	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	20.05	21.42	23.80	22.14	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	21.15	22.38	24.82	23.16	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	21.14	22.29	24.76	23.10	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	20.23	21.55	23.95	22.29	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	19.90	21.13	23.57	21.91	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	19.99	21.08	23.58	21.92	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	19.05	20.35	22.76	21.10	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	18.68	19.96	22.38	20.72	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	18.88	19.94	22.45	20.79	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	18.56	19.89	22.29	20.63	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	16.78	18.03	20.46	18.80	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	16.94	18.07	20.55	18.89	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	16.65	18.00	20.39	18.73	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	21.13	22.36	24.80	23.14	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	21.23	22.41	24.87	23.21	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	19.99	21.22	23.66	22.00	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	21.26	22.28	24.81	23.15	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	21.32	22.44	24.93	23.27	38.45	PAS

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N5	15	20	DFT-QPSK	H	Outer_Full	20.13	21.28	23.75	22.09	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	19.70	21.01	23.41	21.75	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	20.01	21.10	23.60	21.94	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	18.97	20.17	22.62	20.96	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	18.61	19.84	22.28	20.62	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	18.86	19.94	22.44	20.78	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	18.50	19.73	22.17	20.51	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	16.70	18.05	20.44	18.78	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	16.86	18.01	20.48	18.82	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	16.61	17.82	20.27	18.61	38.45	PASS

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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N5	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.92	≤13	PASS
N5	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.41	≤13	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.80	≤13	PASS
N5	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.30	≤13	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.73	≤13	PASS
N5	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.72	≤13	PASS

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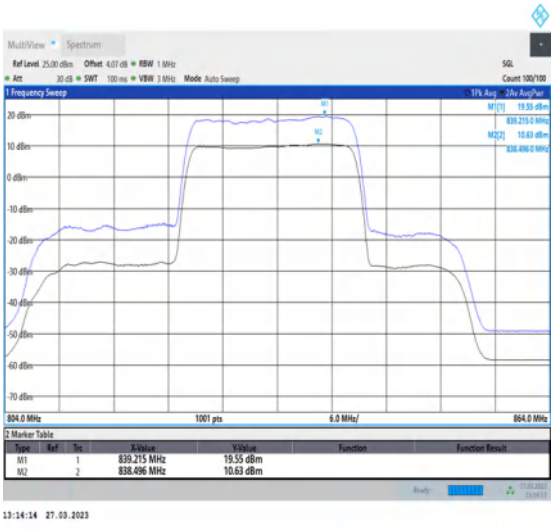
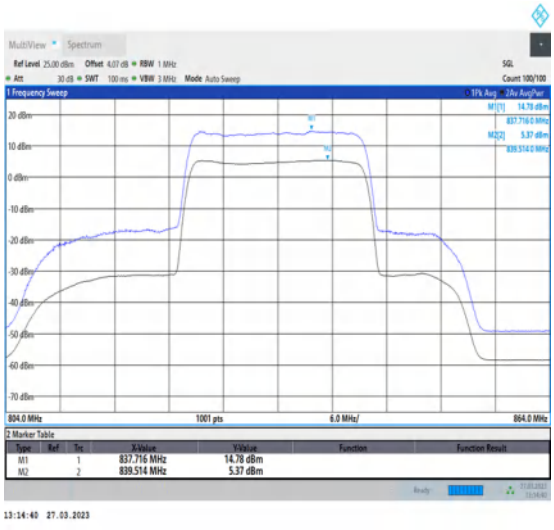
Test Graphs



1-N5-PC3-15-20-L-1-DFT-256QAM-Outer_Full-100@0-Ant1-8.92-100%-0.00-8.92-PASS-≤13



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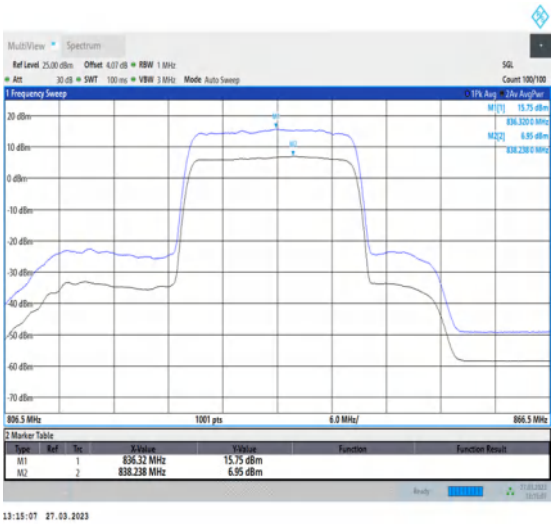

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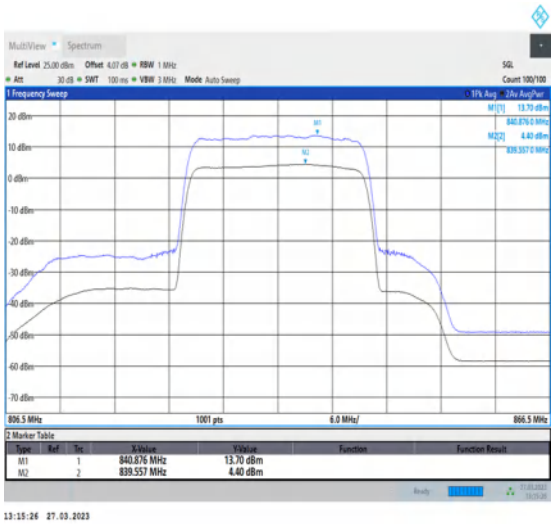

1-N5-PC3-15-20-M-2-CP-256QAM-Outer_Full-106@0-Ant1-9.30-100%-0.00-9.30-PASS-≤13

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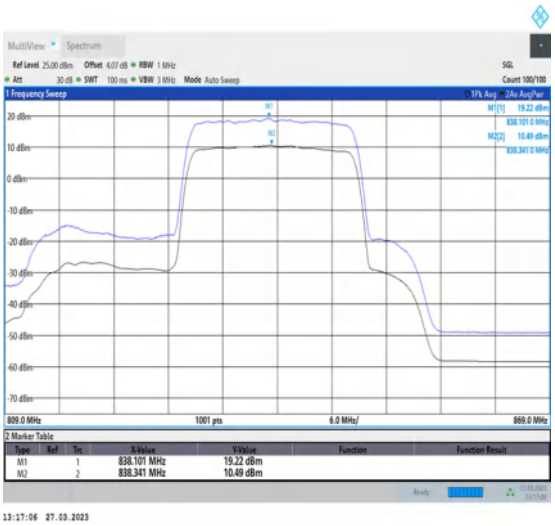	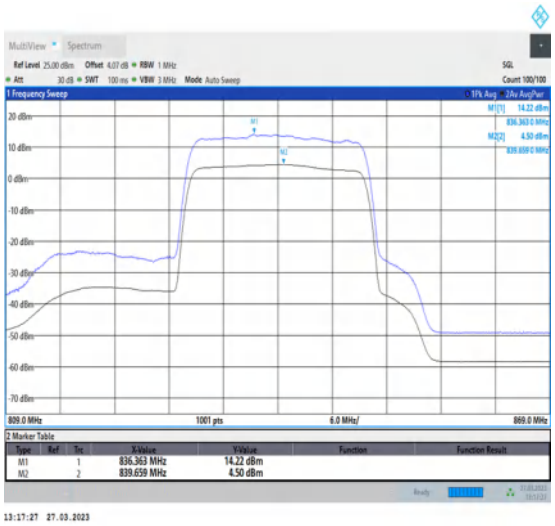
1-N5-PC3-15-20-H-1-DFT-256QAM-Outer_Full-100@0-Ant1-8.73-100%-0.00-8.73-PASS-≤13	1-N5-PC3-15-20-H-2-CP-256QAM-Outer_Full-106@0-Ant1-9.72-100%-0.00-9.72-PASS-≤13

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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	4.471	4.810	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	4.48	4.870	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	4.483	4.860	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	4.473	4.850	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	4.489	4.790	PASS
N5	15	5	CP-QPSK	L	Outer_Full	4.468	4.880	PASS
N5	15	5	CP-16QAM	L	Outer_Full	4.475	4.890	PASS
N5	15	5	CP-64QAM	L	Outer_Full	4.462	4.840	PASS
N5	15	5	CP-256QAM	L	Outer_Full	4.471	4.810	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.462	4.790	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.442	4.820	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.48	4.820	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.473	4.870	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.465	4.810	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.459	4.770	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.47	4.780	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.466	4.830	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.469	4.870	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	4.467	4.830	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	4.48	4.880	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	4.493	4.830	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	4.478	4.850	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	4.457	4.800	PASS
N5	15	5	CP-QPSK	H	Outer_Full	4.476	4.840	PASS
N5	15	5	CP-16QAM	H	Outer_Full	4.469	4.830	PASS
N5	15	5	CP-64QAM	H	Outer_Full	4.463	4.760	PASS
N5	15	5	CP-256QAM	H	Outer_Full	4.478	4.830	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	8.969	9.400	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	8.941	9.440	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	8.93	9.340	PASS

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N5	15	10	DFT-64QAM	L	Outer_Full	8.92	9.340	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	8.93	9.420	PASS
N5	15	10	CP-QPSK	L	Outer_Full	9.285	9.820	PASS
N5	15	10	CP-16QAM	L	Outer_Full	9.289	9.800	PASS
N5	15	10	CP-64QAM	L	Outer_Full	9.316	9.800	PASS
N5	15	10	CP-256QAM	L	Outer_Full	9.306	9.720	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.906	9.380	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.926	9.420	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.918	9.380	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.897	9.460	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.921	9.400	PASS
N5	15	10	CP-QPSK	M	Outer_Full	9.282	9.740	PASS
N5	15	10	CP-16QAM	M	Outer_Full	9.296	9.740	PASS
N5	15	10	CP-64QAM	M	Outer_Full	9.303	9.760	PASS
N5	15	10	CP-256QAM	M	Outer_Full	9.292	9.780	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	8.932	9.400	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	8.921	9.400	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	8.933	9.380	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	8.917	9.440	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	8.941	9.420	PASS
N5	15	10	CP-QPSK	H	Outer_Full	9.288	9.840	PASS
N5	15	10	CP-16QAM	H	Outer_Full	9.305	9.820	PASS
N5	15	10	CP-64QAM	H	Outer_Full	9.282	9.760	PASS
N5	15	10	CP-256QAM	H	Outer_Full	9.297	9.760	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	13.454	14.130	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	13.423	14.070	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	13.446	14.100	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	13.426	14.190	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	13.439	14.070	PASS
N5	15	15	CP-QPSK	L	Outer_Full	14.133	14.820	PASS
N5	15	15	CP-16QAM	L	Outer_Full	14.165	14.910	PASS
N5	15	15	CP-64QAM	L	Outer_Full	14.175	14.880	PASS
N5	15	15	CP-256QAM	L	Outer_Full	14.138	14.820	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.37	14.130	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.394	14.100	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.414	14.130	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.401	14.190	PASS

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N5	15	15	DFT-256QAM	M	Outer_Full	13.39	14.190	PASS
N5	15	15	CP-QPSK	M	Outer_Full	14.099	14.820	PASS
N5	15	15	CP-16QAM	M	Outer_Full	14.112	14.790	PASS
N5	15	15	CP-64QAM	M	Outer_Full	14.082	14.760	PASS
N5	15	15	CP-256QAM	M	Outer_Full	14.086	14.850	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	13.401	14.100	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	13.39	14.100	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	13.401	14.040	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	13.409	14.070	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	13.401	14.100	PASS
N5	15	15	CP-QPSK	H	Outer_Full	14.105	14.790	PASS
N5	15	15	CP-16QAM	H	Outer_Full	14.14	14.760	PASS
N5	15	15	CP-64QAM	H	Outer_Full	14.102	14.790	PASS
N5	15	15	CP-256QAM	H	Outer_Full	14.094	14.820	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	17.915	18.640	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	17.838	18.600	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	17.8	18.680	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	17.865	18.600	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	17.858	18.640	PASS
N5	15	20	CP-QPSK	L	Outer_Full	18.941	19.680	PASS
N5	15	20	CP-16QAM	L	Outer_Full	18.848	19.680	PASS
N5	15	20	CP-64QAM	L	Outer_Full	18.875	19.680	PASS
N5	15	20	CP-256QAM	L	Outer_Full	18.909	19.720	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.879	18.680	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.849	18.640	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	17.875	18.560	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.815	18.640	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.81	18.680	PASS
N5	15	20	CP-QPSK	M	Outer_Full	18.918	19.840	PASS
N5	15	20	CP-16QAM	M	Outer_Full	18.901	19.640	PASS
N5	15	20	CP-64QAM	M	Outer_Full	18.836	19.760	PASS
N5	15	20	CP-256QAM	M	Outer_Full	18.923	19.680	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	17.884	18.600	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	17.863	18.560	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	17.85	18.560	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	17.835	18.680	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	17.849	18.720	PASS

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N5	15	20	CP-QPSK	H	Outer_Full	18.905	19.720	PASS
N5	15	20	CP-16QAM	H	Outer_Full	18.875	19.760	PASS
N5	15	20	CP-64QAM	H	Outer_Full	18.903	19.800	PASS
N5	15	20	CP-256QAM	H	Outer_Full	18.904	19.600	PASS

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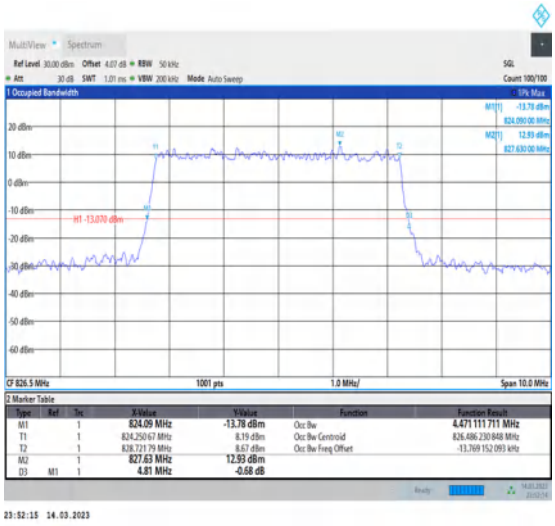
Test Graphs



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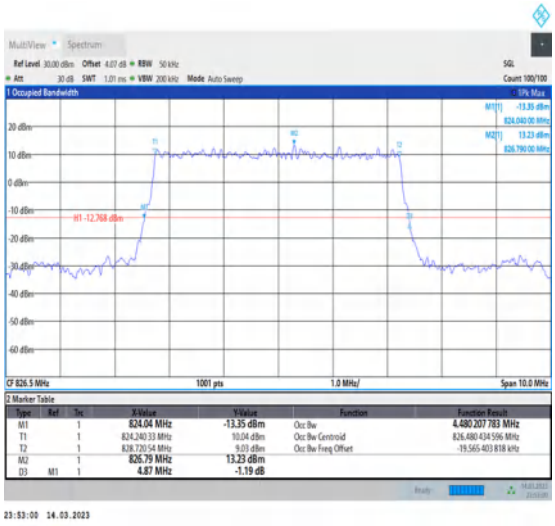

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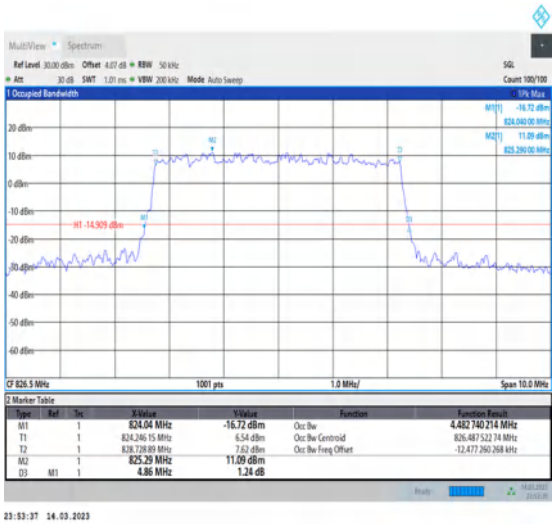

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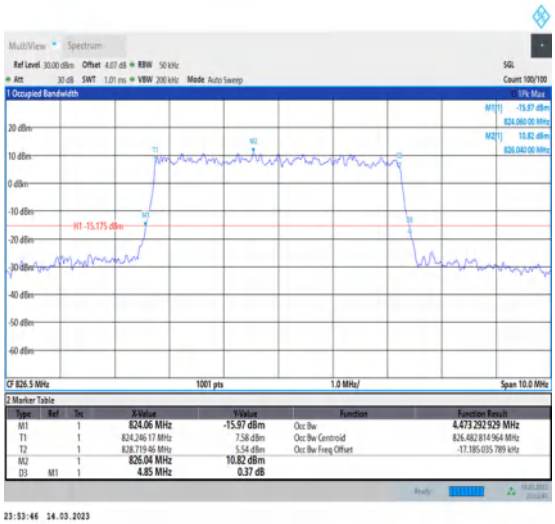

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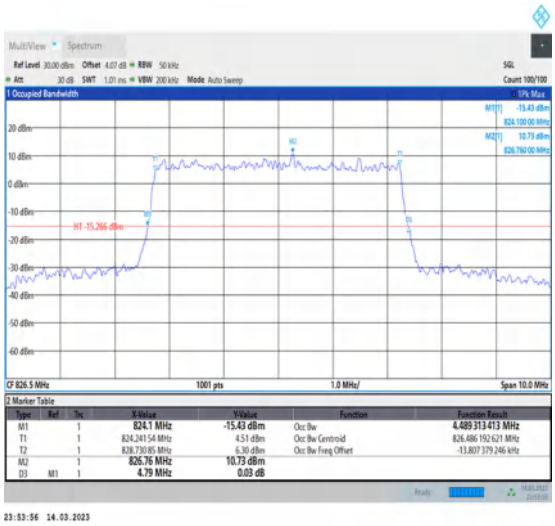

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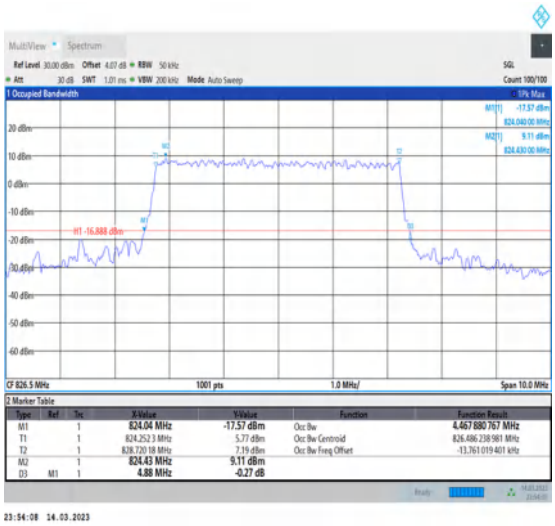

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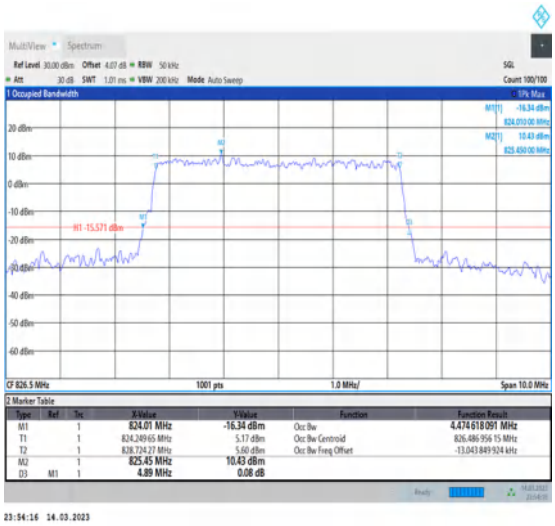

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1-N5-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.462-4.840-≤5-PASS

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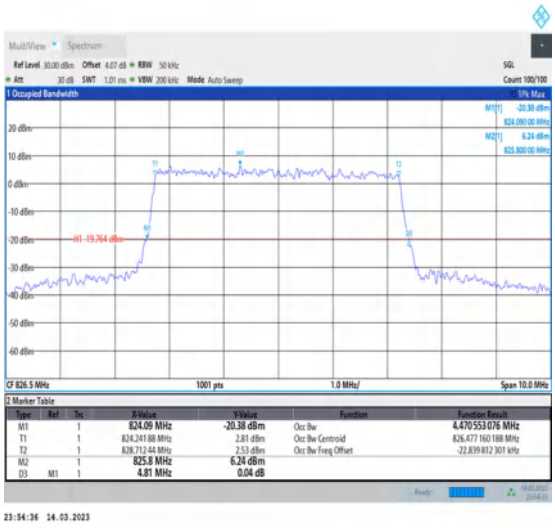

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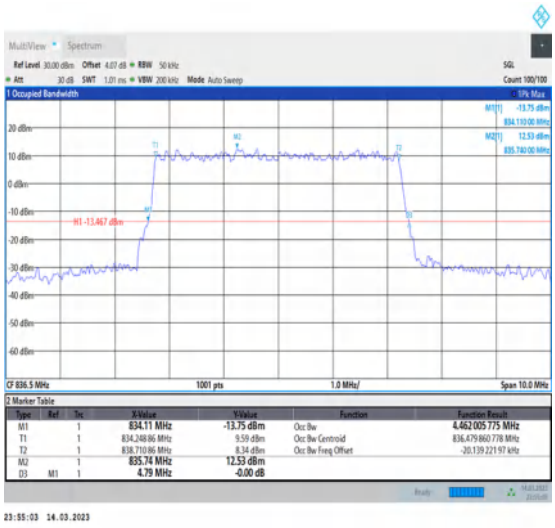

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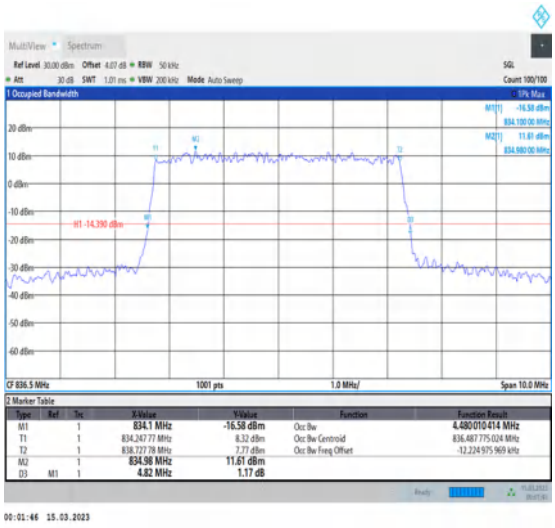

1-N5-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.48-4.820-≤5-PASS

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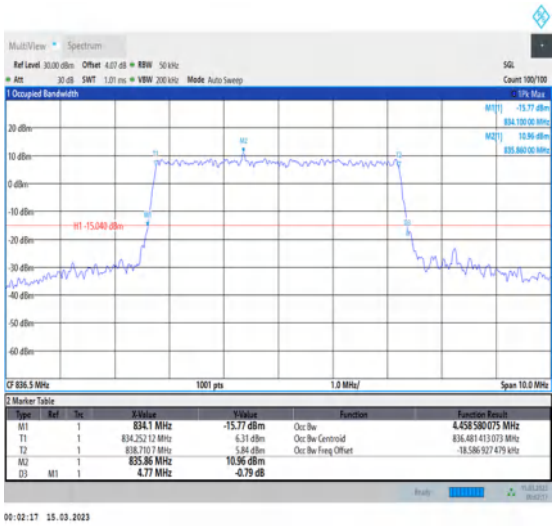
1-N5-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.473-4.870-≤5-PASS

1-N5-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.465-4.810-≤5-PASS



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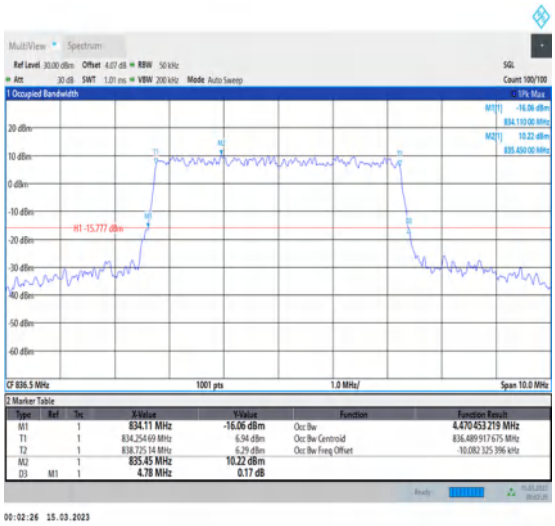

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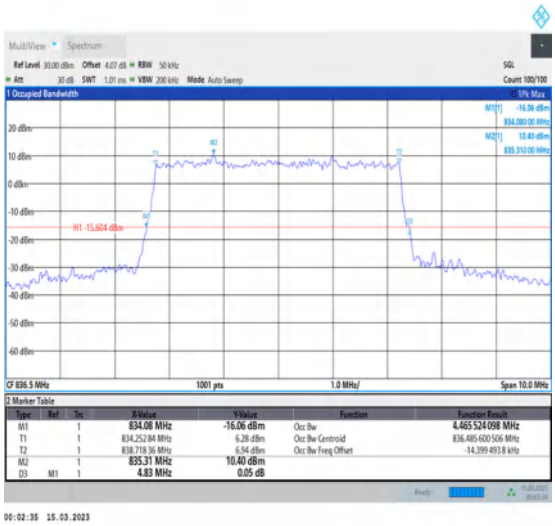

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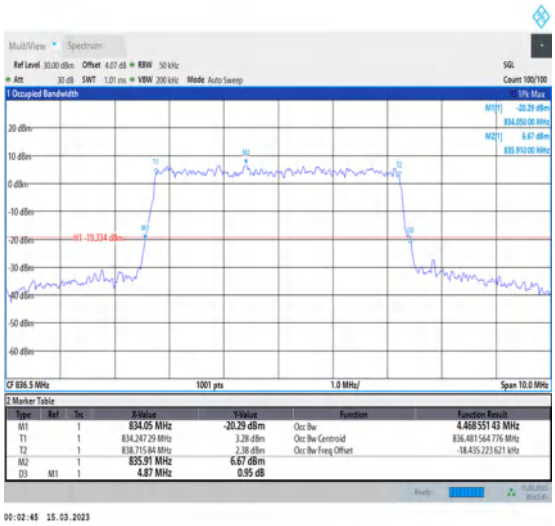

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1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.48-4.880-≤5-PASS

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1-N5-PC3-15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.493-4.830-≤5-PASS

1-N5-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.478-4.850-≤5-PASS

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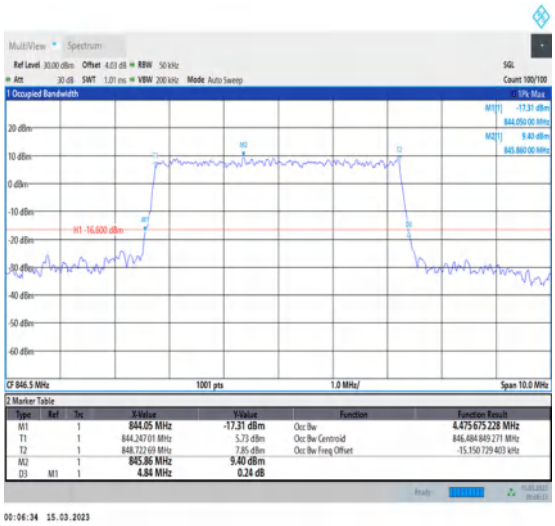

1-N5-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.476-4.840-≤5-PASS

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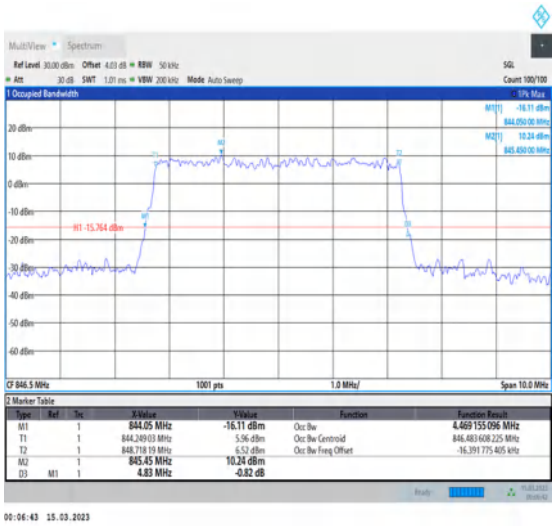

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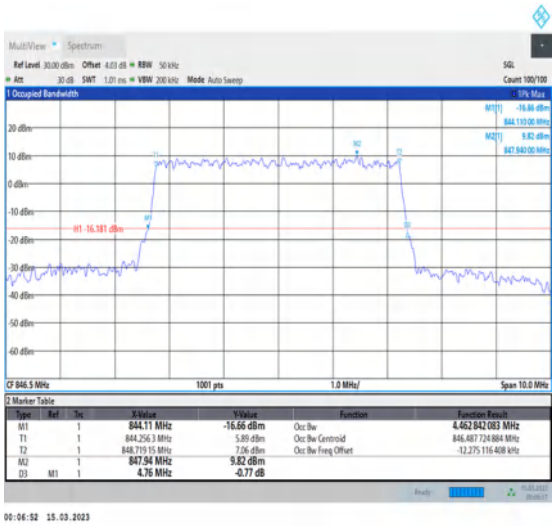

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1-N5-PC3-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.478-4.830-≤5-PASS

1-N5-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.969-9.400-≤10-PASS

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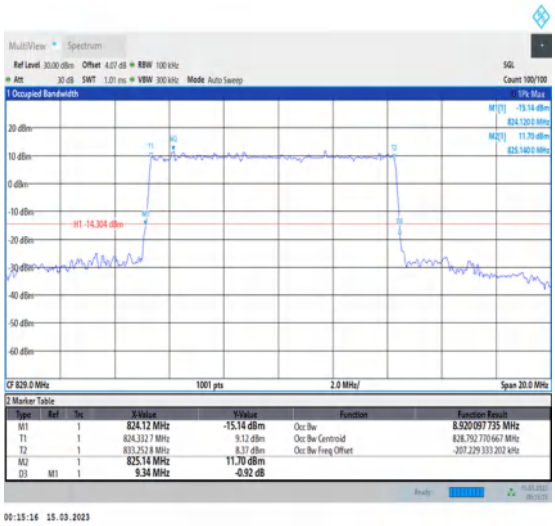
1-N5-PC3-15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.93-9.340-≤10-PASS



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1-N5-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.93-9.420-≤10-PASS

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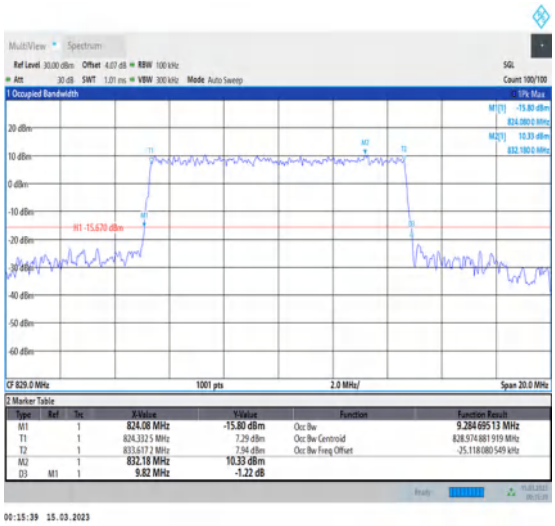

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1-N5-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9.289-9.800-≤10-PASS

1-N5-PC3-15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant1-9.316-9.800-≤10-PASS

1-N5-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.306-9.720-≤10-PASS

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1-N5-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.906-9.380-≤10-PASS

1-N5-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.926-9.420-≤10-PASS

1-N5-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.918-9.380-≤10-PASS

1-N5-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.897-9.460-≤10-PASS

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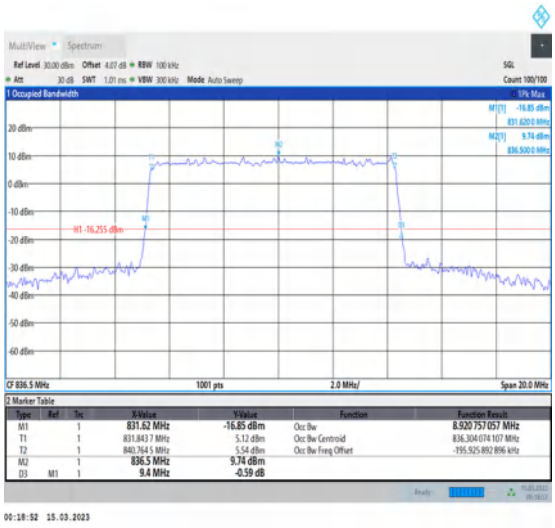

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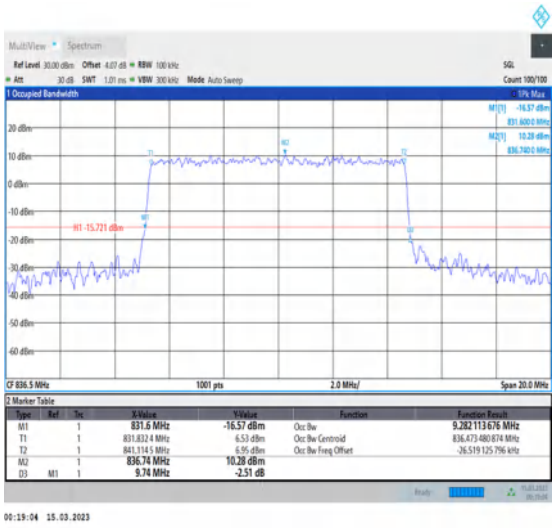
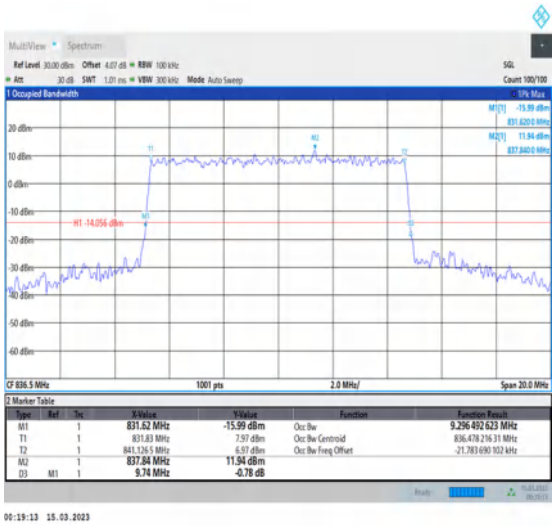


1-N5-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.282-9.740-≤10-PASS



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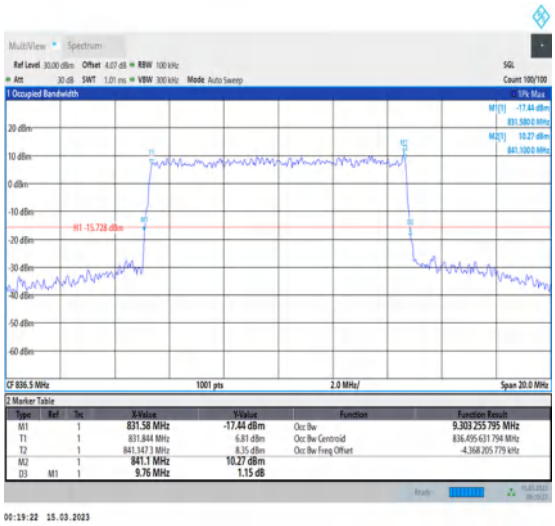

1-N5-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.303-9.760-≤10-PASS

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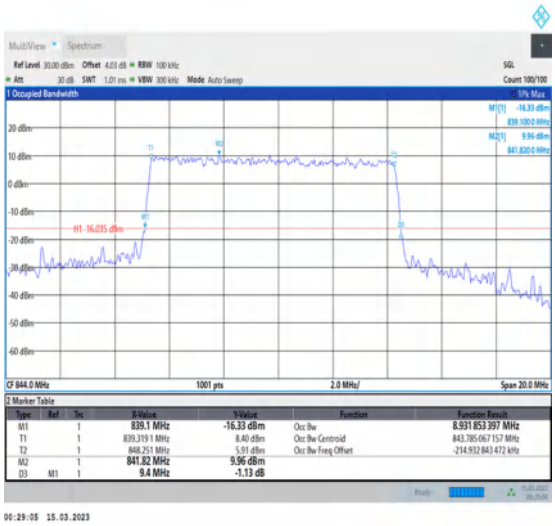
1-N5-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.292-9.780-≤10-PASS



1-N5-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.932-9.400-≤10-PASS

1-N5-PC3-15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.921-9.400-≤10-PASS

1-N5-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.933-9.380-≤10-PASS

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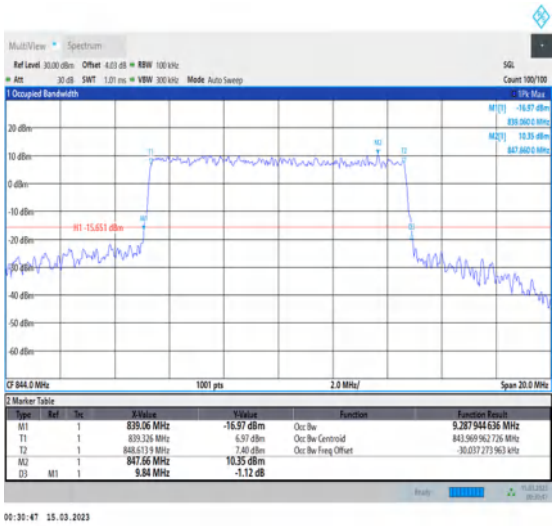
1-N5-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.917-9.440-≤10-PASS

1-N5-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.941-9.420-≤10-PASS



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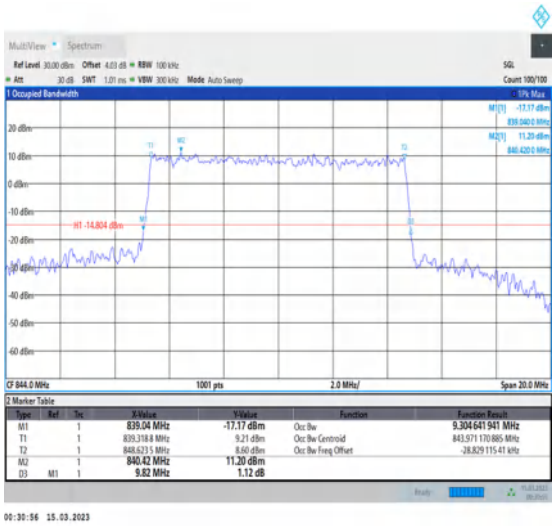

1-N5-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9.305-9.820-≤10-PASS

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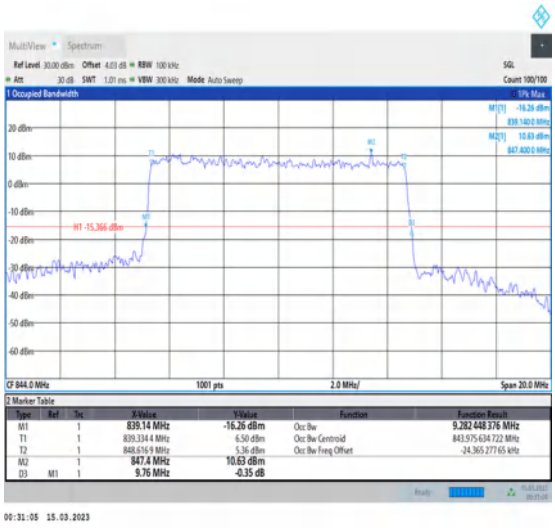

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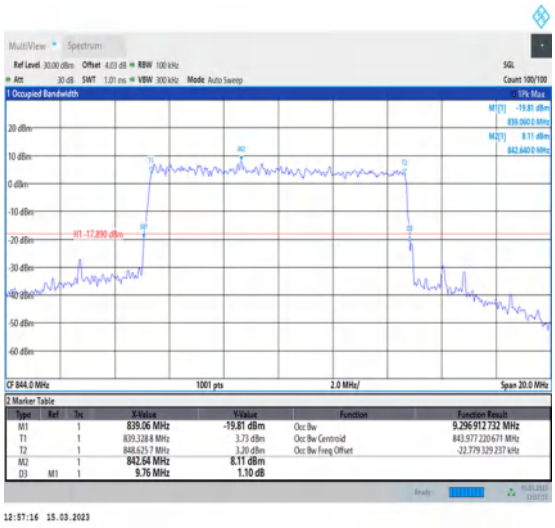

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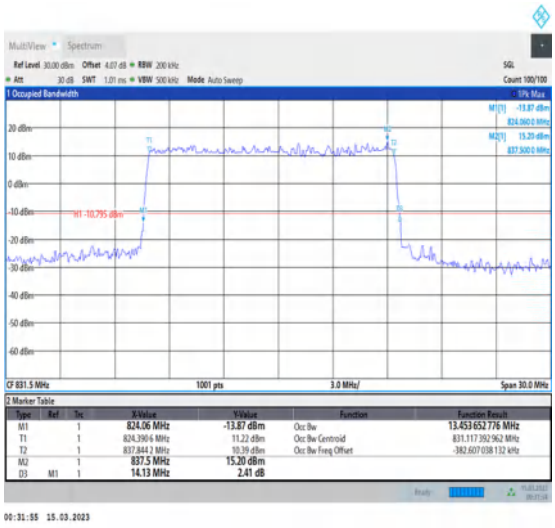

1-N5-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.454-14.130-≤15-PASS

1-N5-PC3-15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.423-14.070-≤15-PASS

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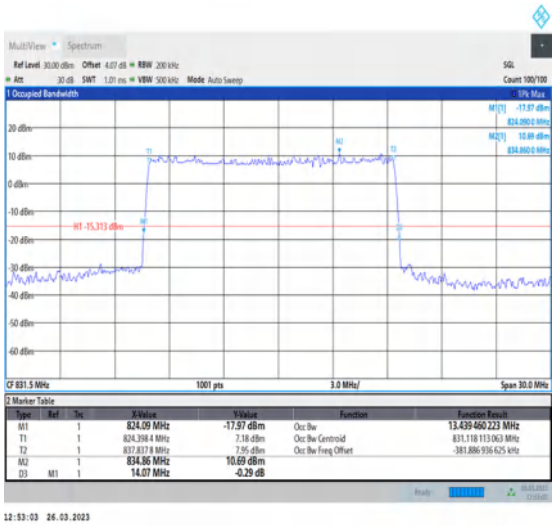
1-N5-PC3-15-15-L-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.446-14.100-≤15-PASS

1-N5-PC3-15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.426-14.190-≤15-PASS



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1-N5-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-14.133-14.820-≤15-PASS

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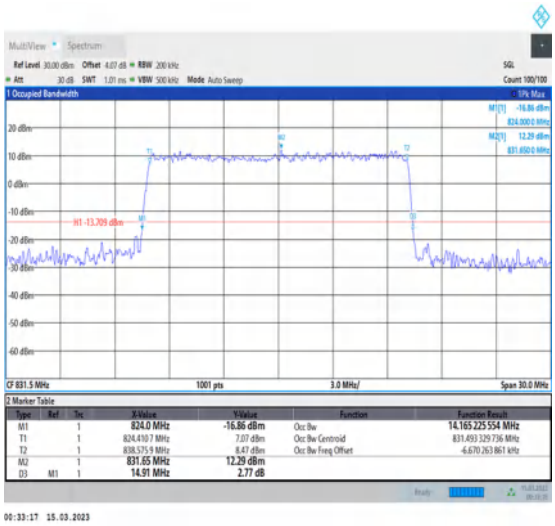

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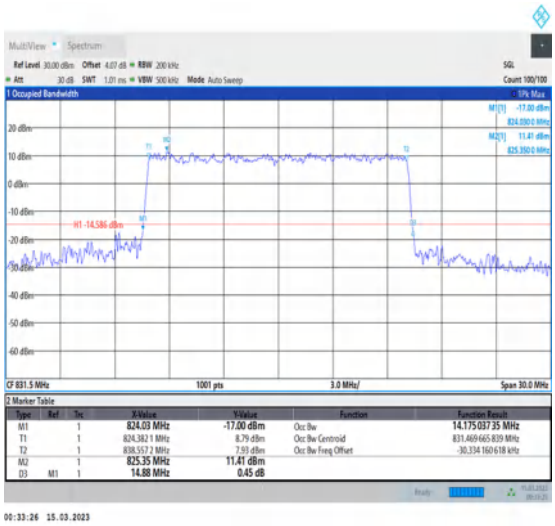

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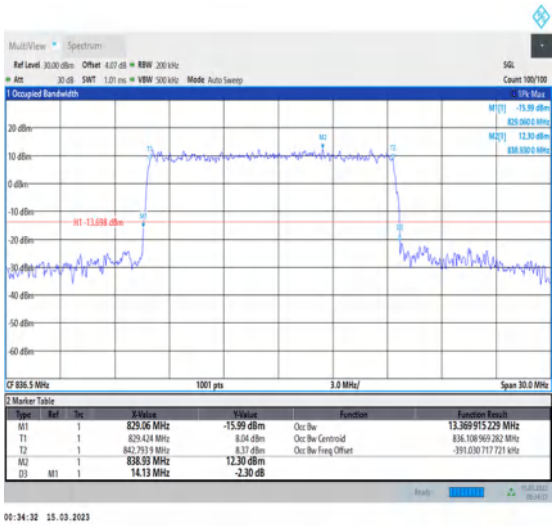

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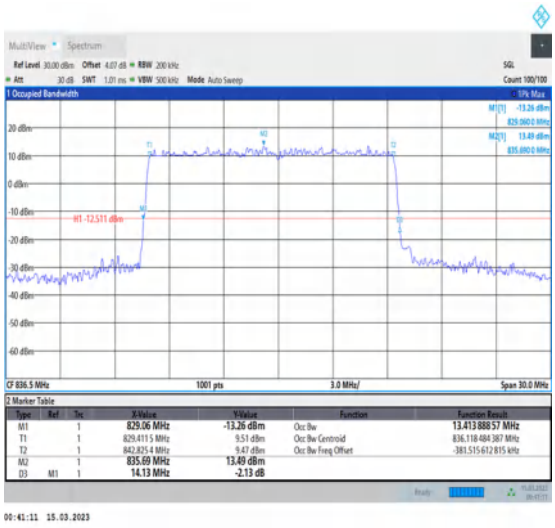

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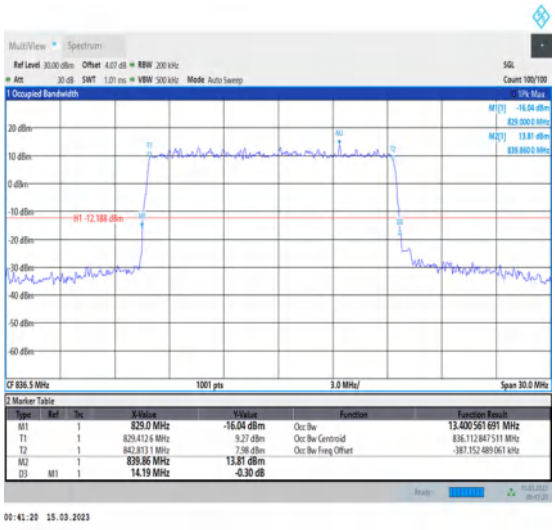

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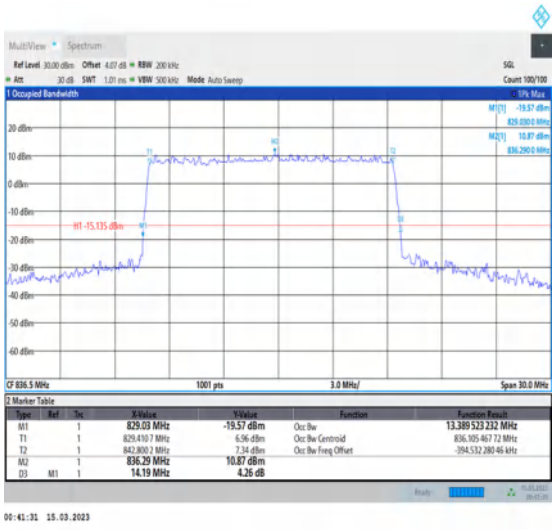

1-N5-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.39-14.190-≤15-PASS

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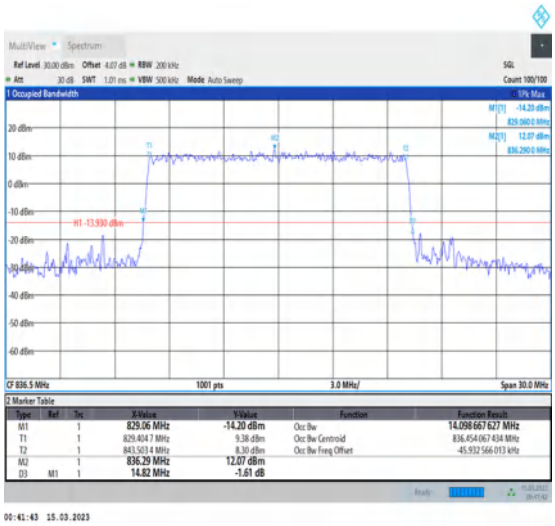

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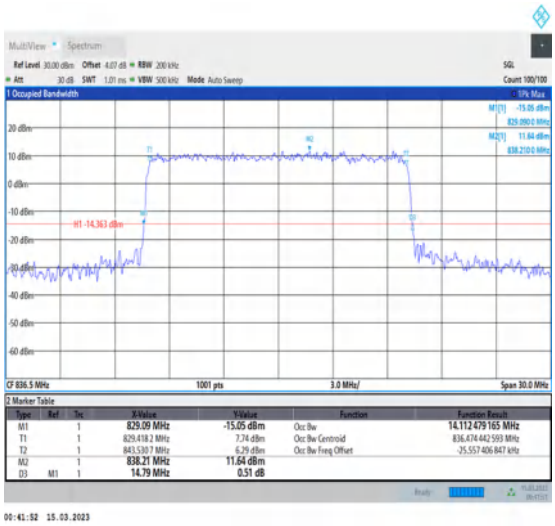

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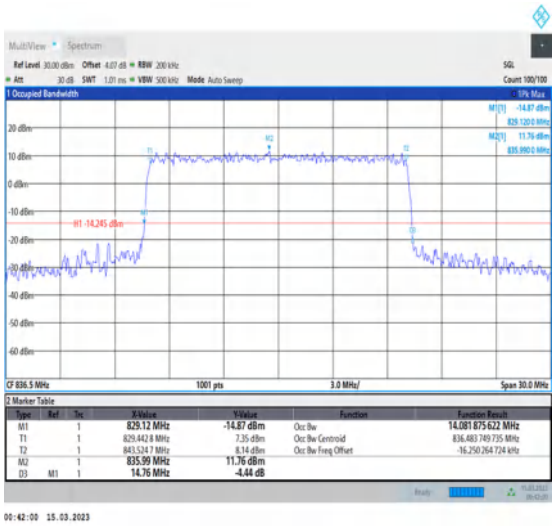

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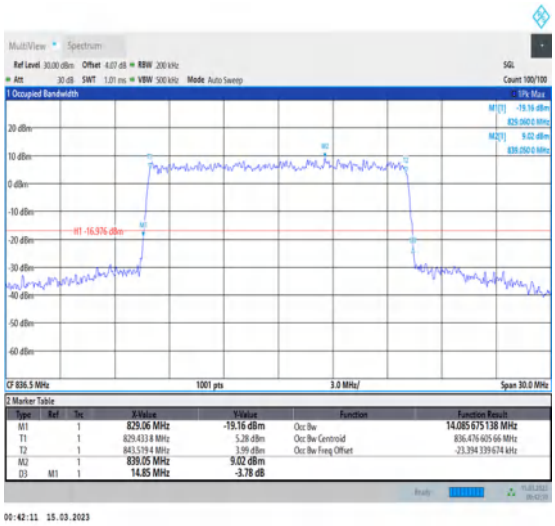

1-N5-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.086-14.850-≤15-PASS

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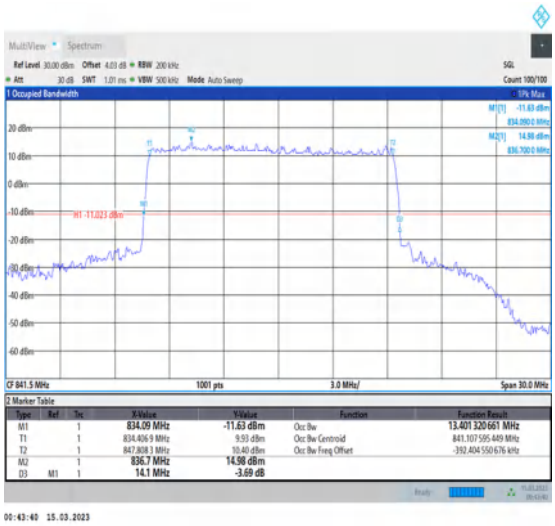

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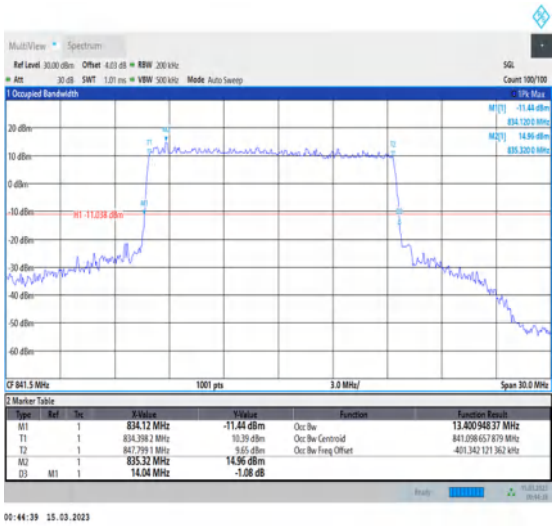

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1-N5-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.409-14.070-≤15-PASS

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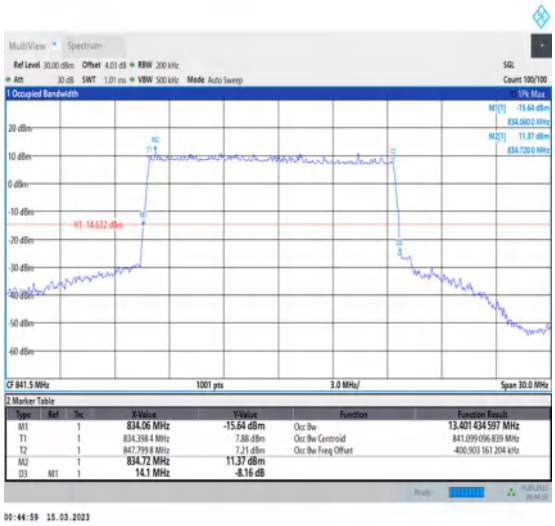

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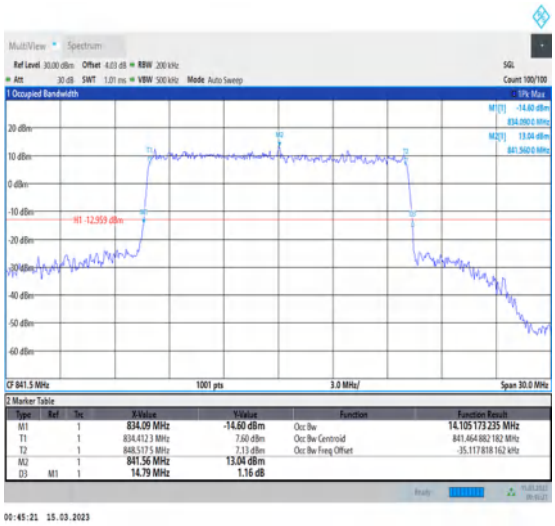

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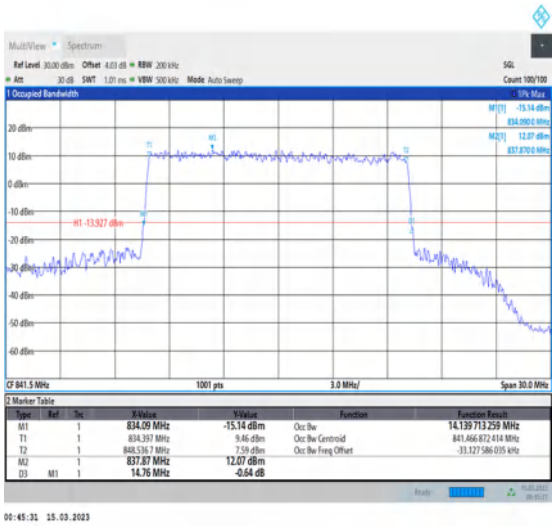

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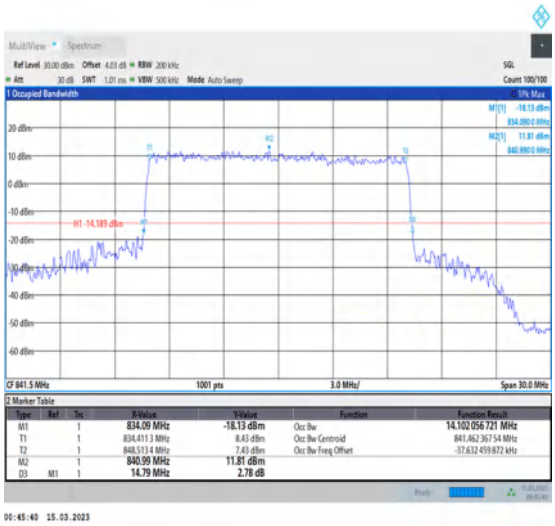

1-N5-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant1-14.102-14.790-≤15-PASS

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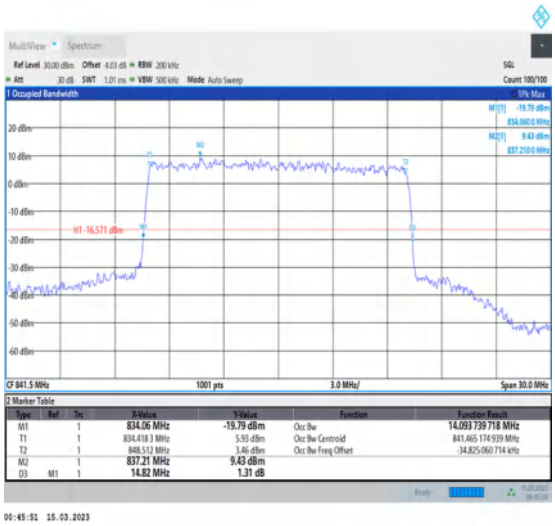
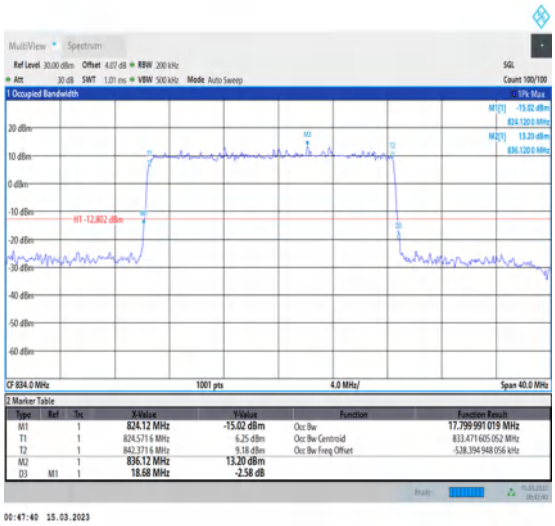


1-N5-PC3-15-15-H-9-CP-256QAM-Outer_Full-79@0-Ant1-14.094-14.820-≤15-PASS

1-N5-PC3-15-20-L-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.915-18.640-≤20-PASS

1-N5-PC3-15-20-L-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.838-18.600-≤20-PASS



1-N5-PC3-15-20-L-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.8-18.680-≤20-PASS

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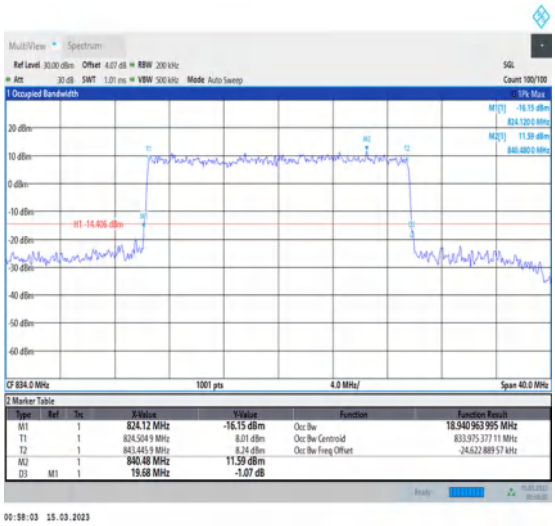
1-N5-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.865-18.600-≤20-PASS

1-N5-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.858-18.640-≤20-PASS



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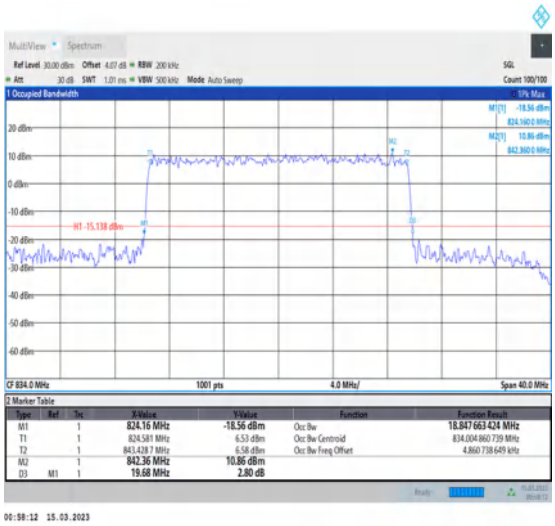

1-N5-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1-18.848-19.680-≤20-PASS

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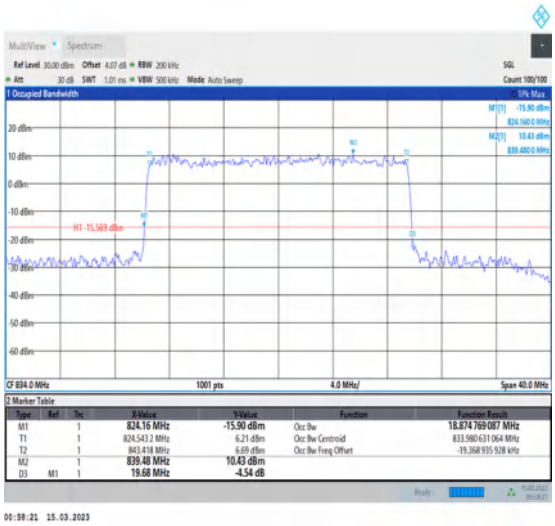

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1-N5-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant1-18.909-19.720-≤20-PASS

1-N5-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.879-18.680-≤20-PASS

1-N5-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.849-18.640-≤20-PASS

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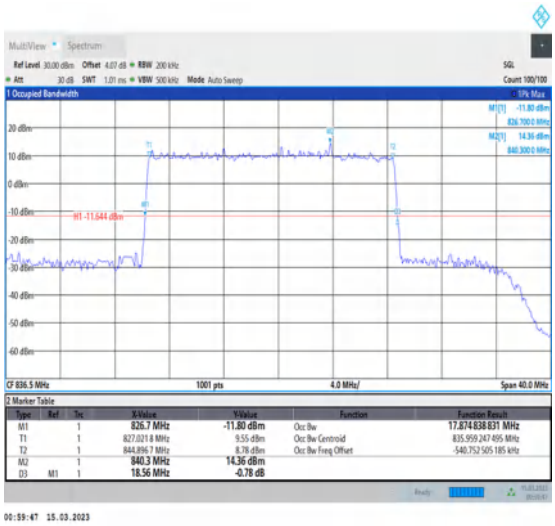

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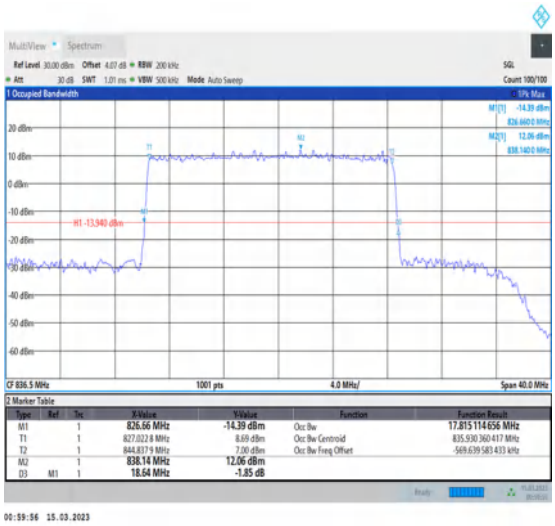

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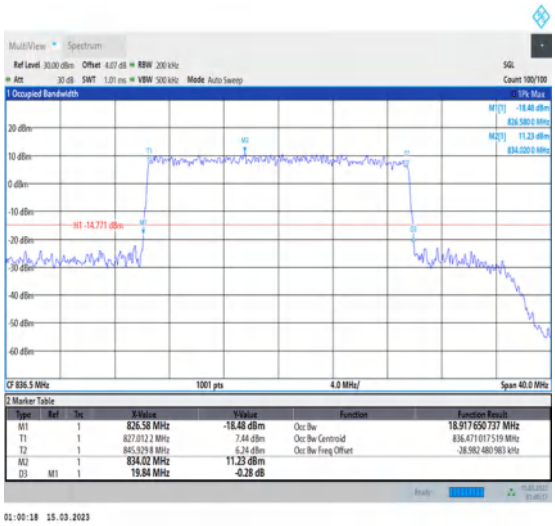

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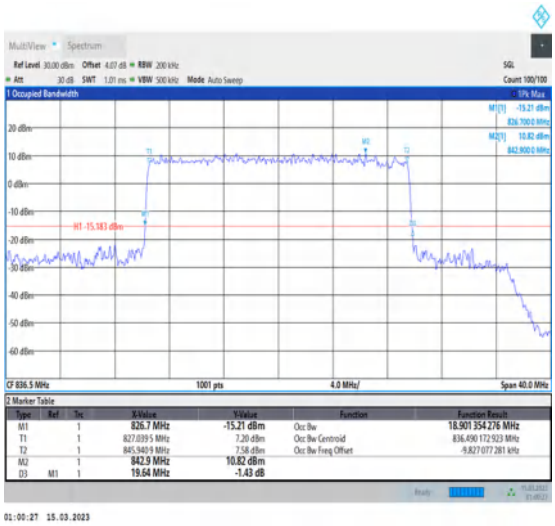

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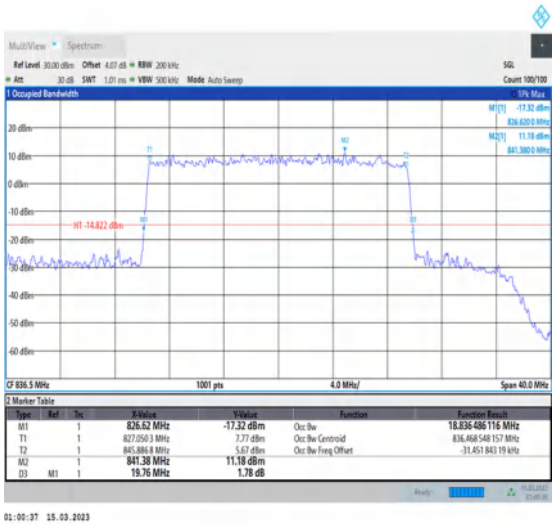

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1-N5-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant1-18.923-19.680-≤20-PASS

1-N5-PC3-15-20-H-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.884-18.600-≤20-PASS

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1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.863-18.560-≤20-PASS

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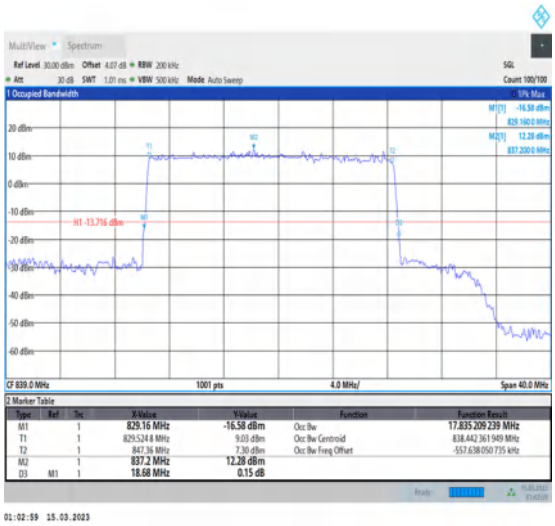

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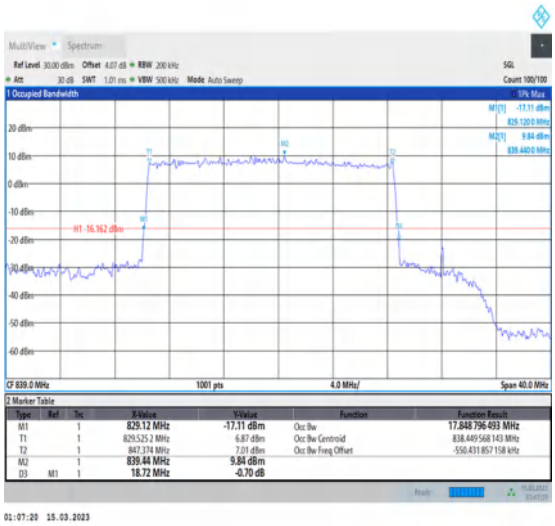

1-N5-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.849-18.720-≤20-PASS

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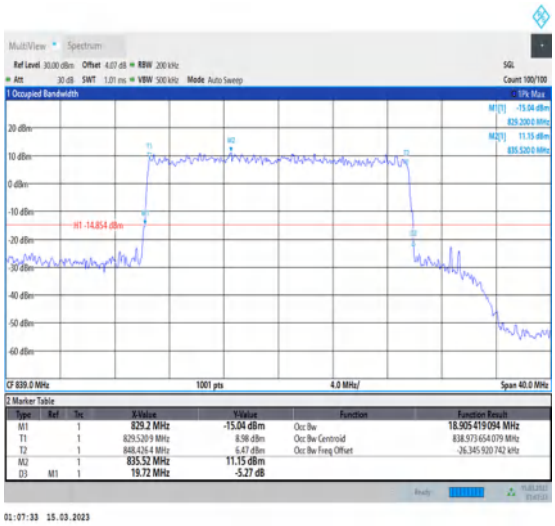

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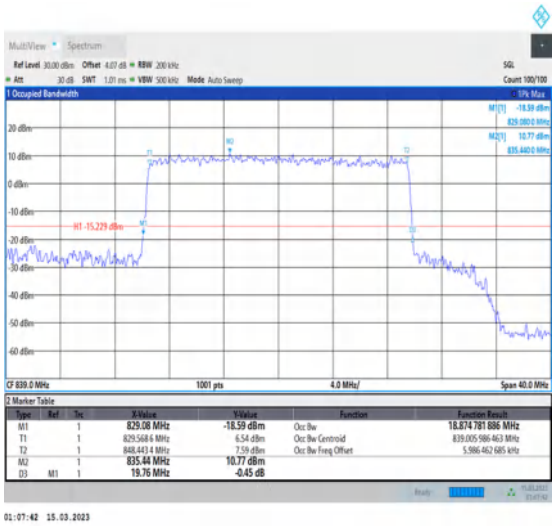

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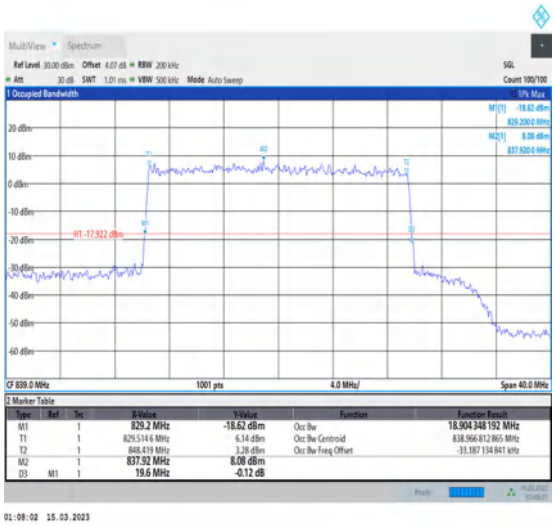

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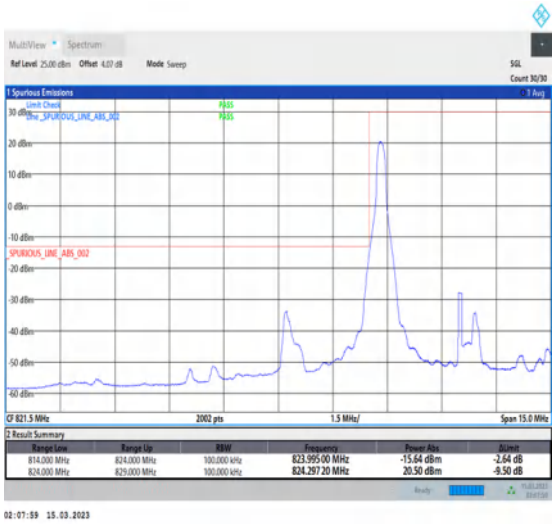
Band Edge for SA

Test Graphs



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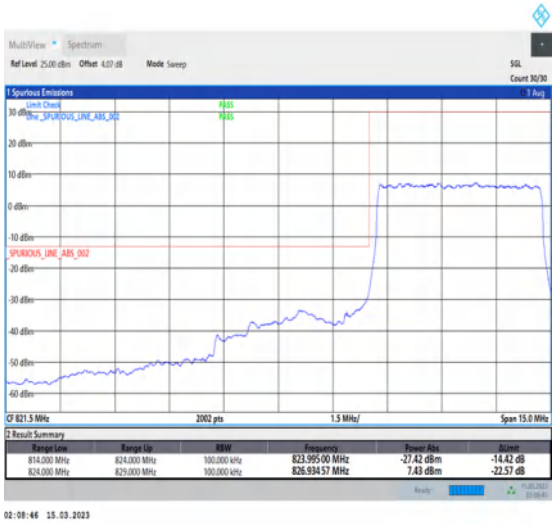

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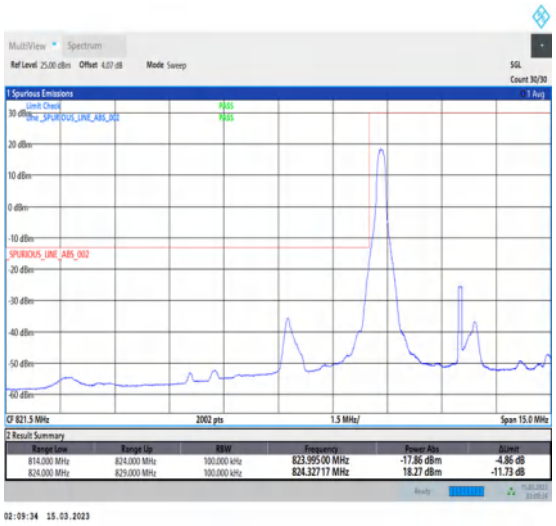

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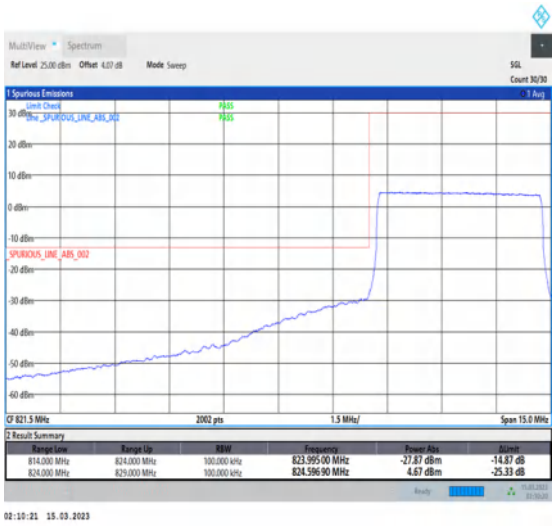

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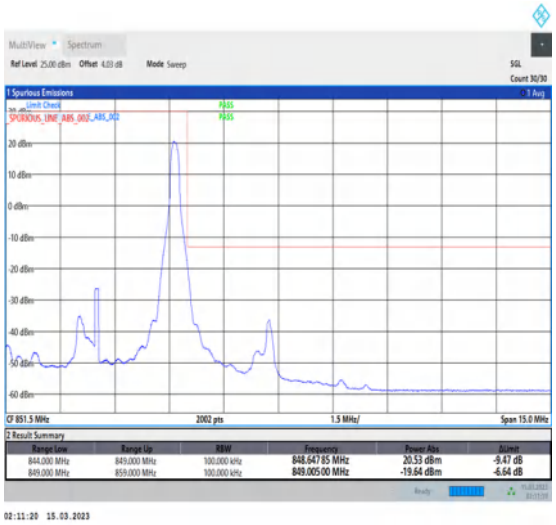

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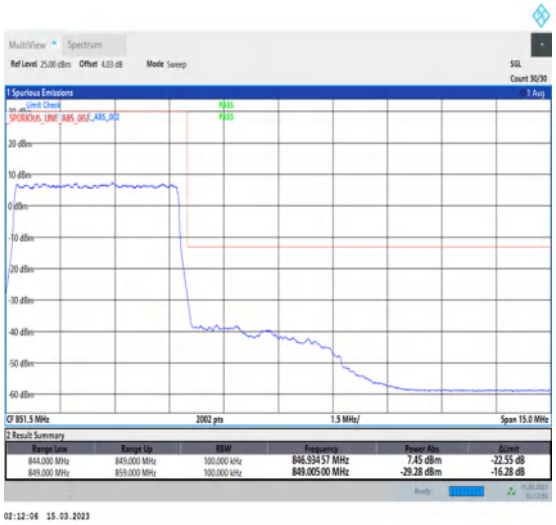

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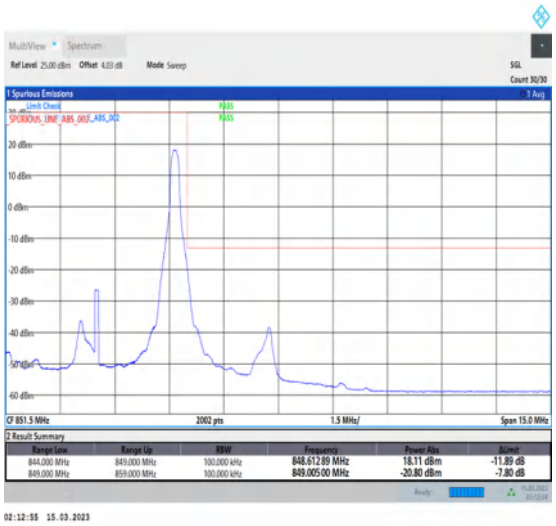

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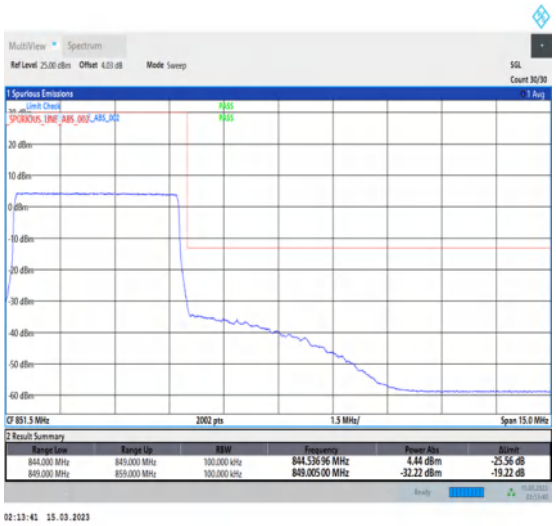

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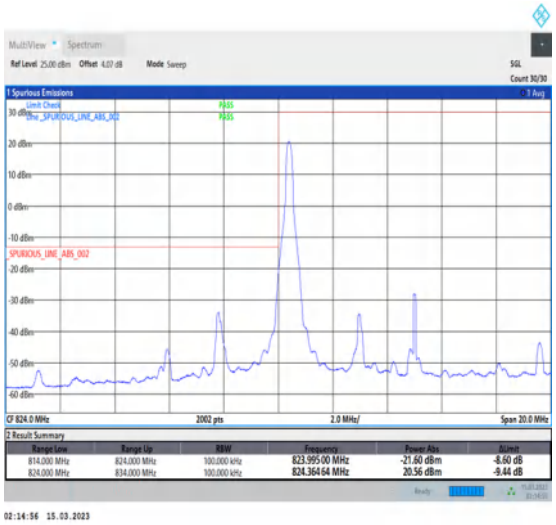

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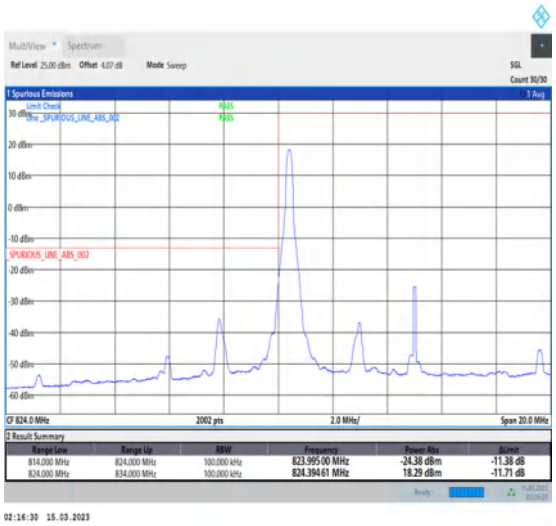

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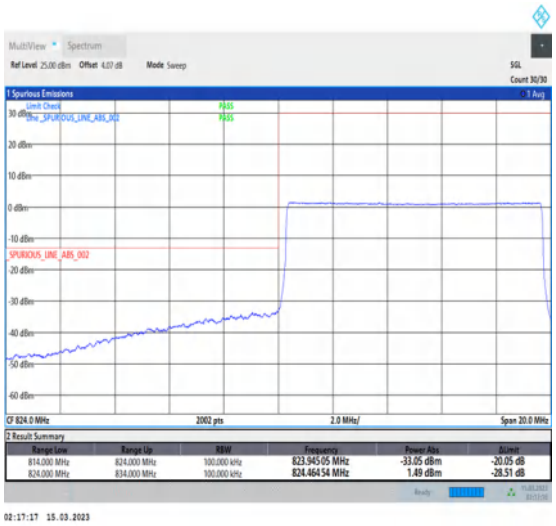

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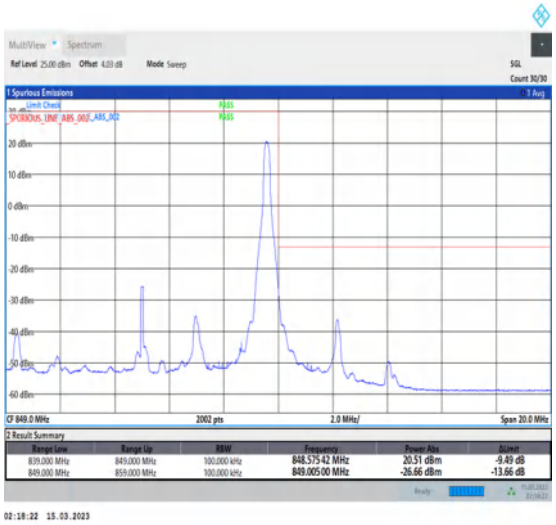

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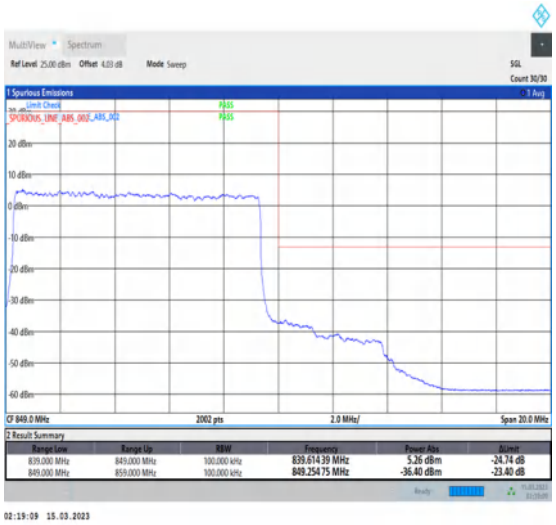

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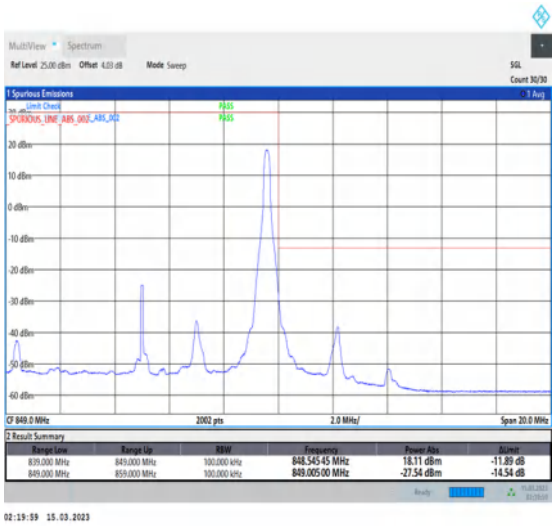

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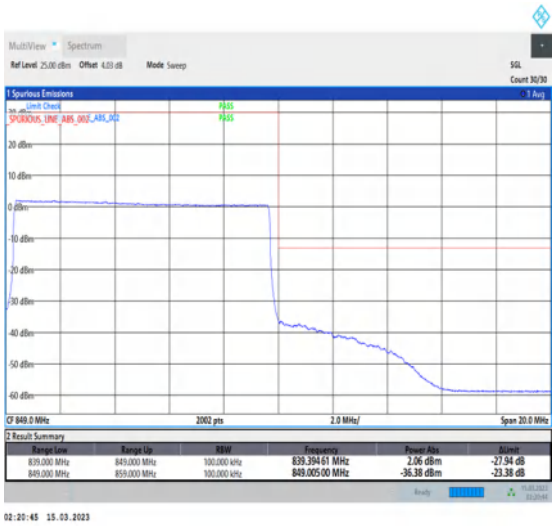

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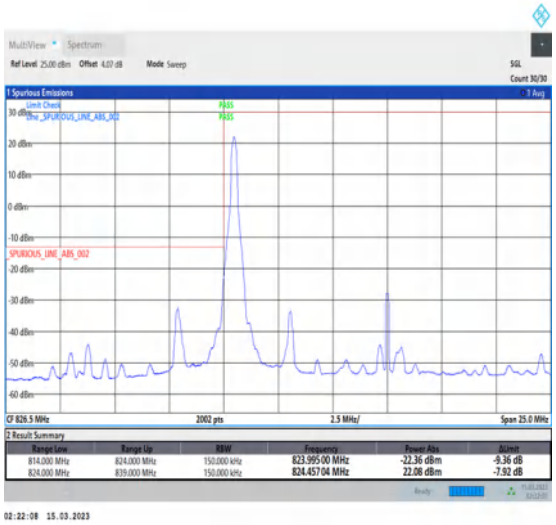

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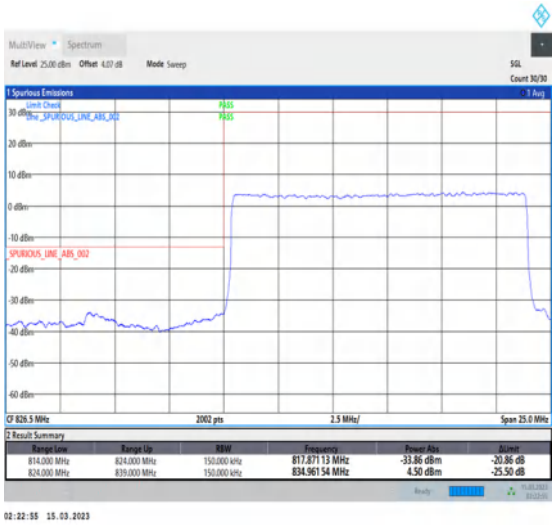

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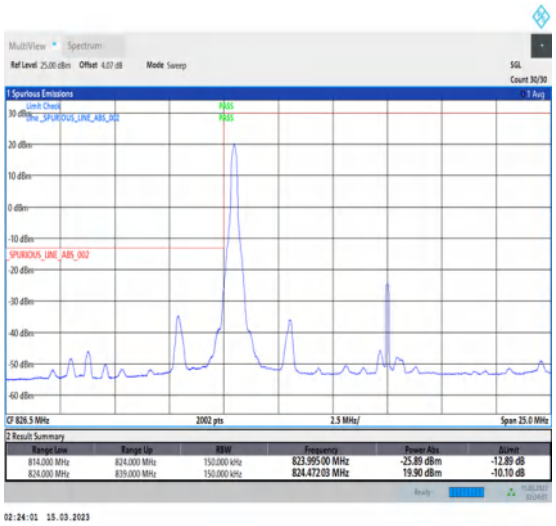

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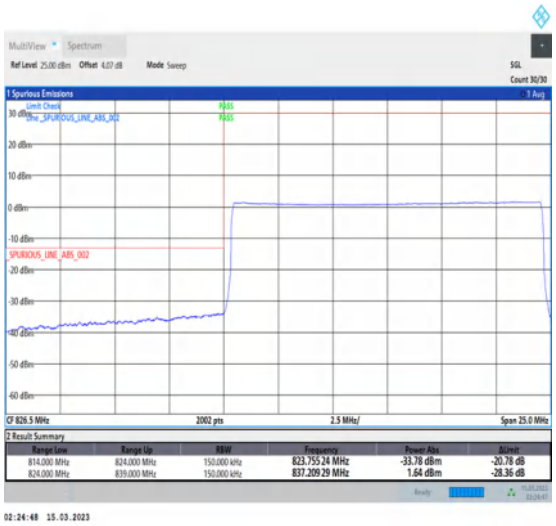

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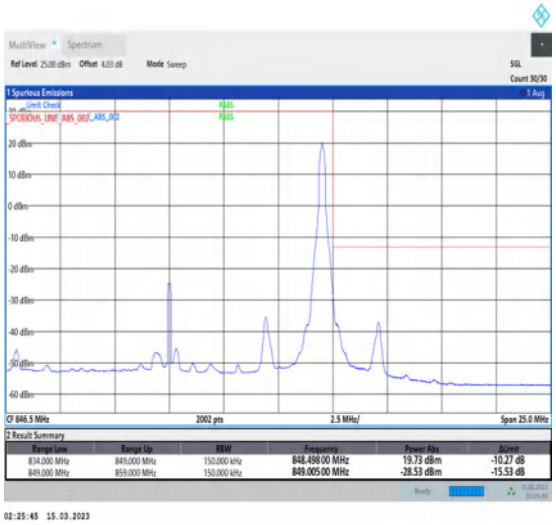

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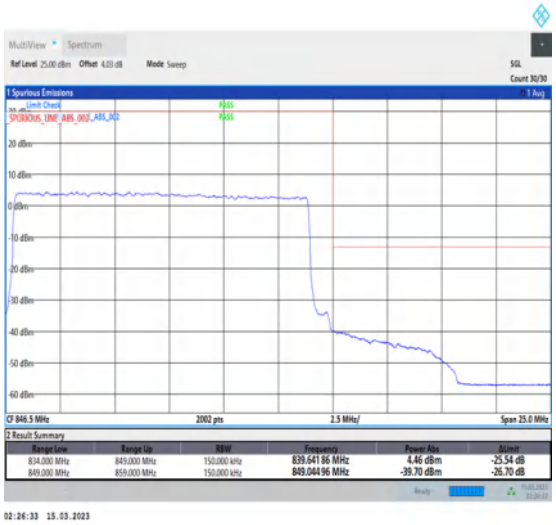

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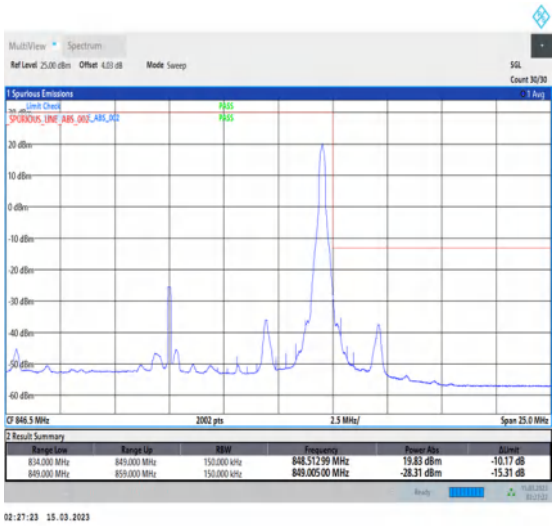

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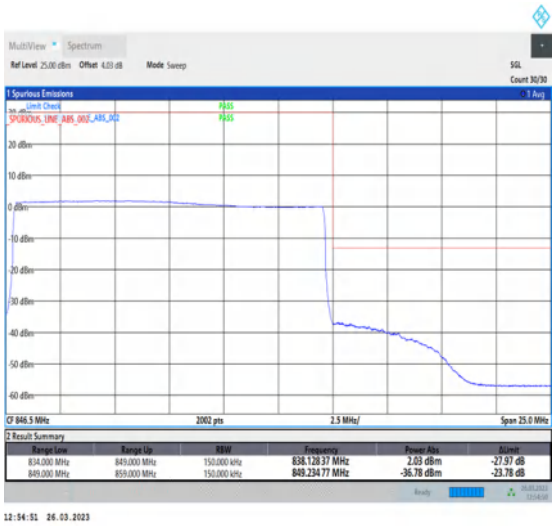

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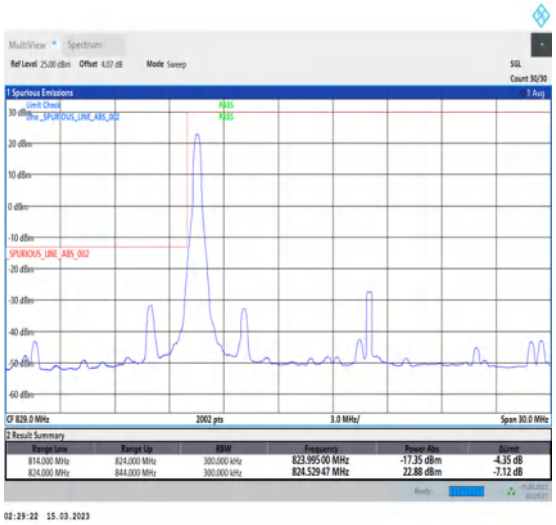

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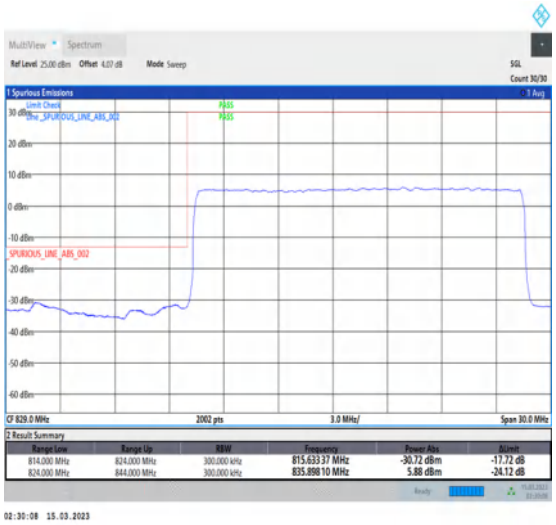

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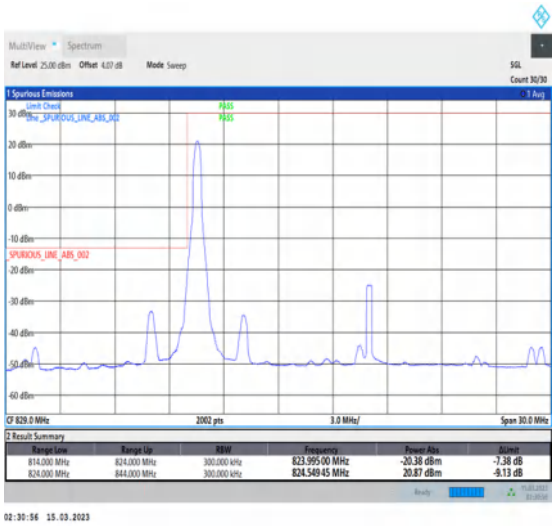

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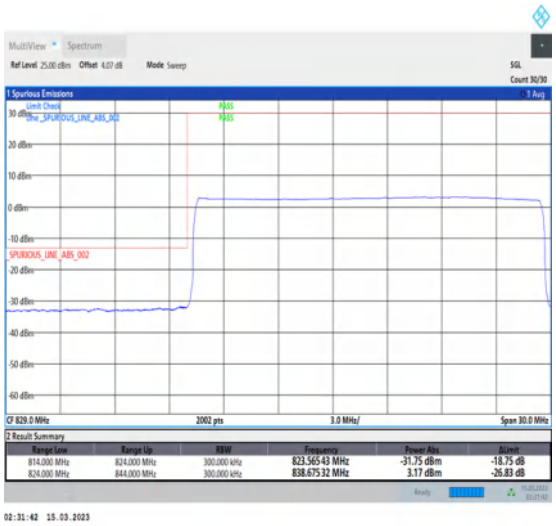

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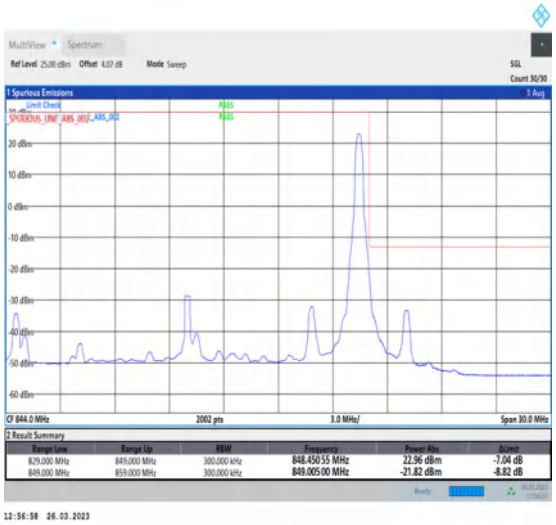

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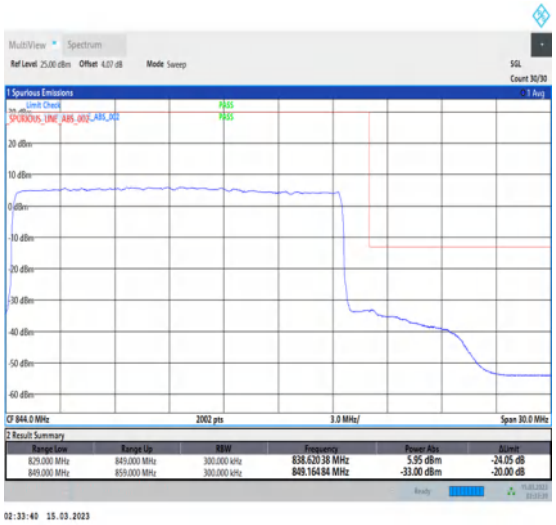

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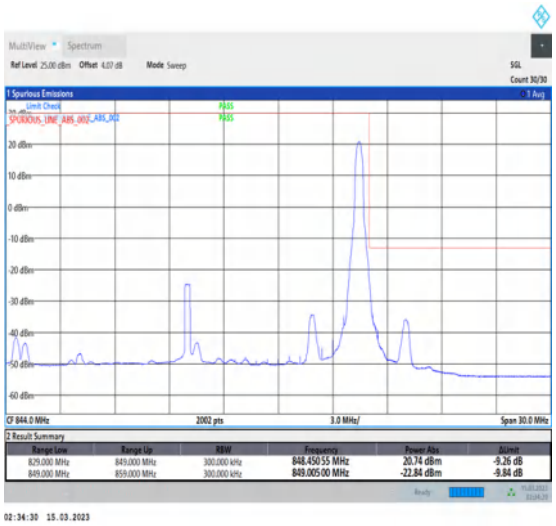

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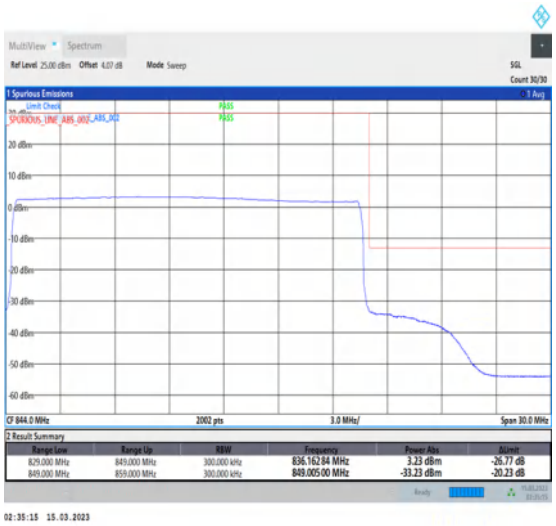

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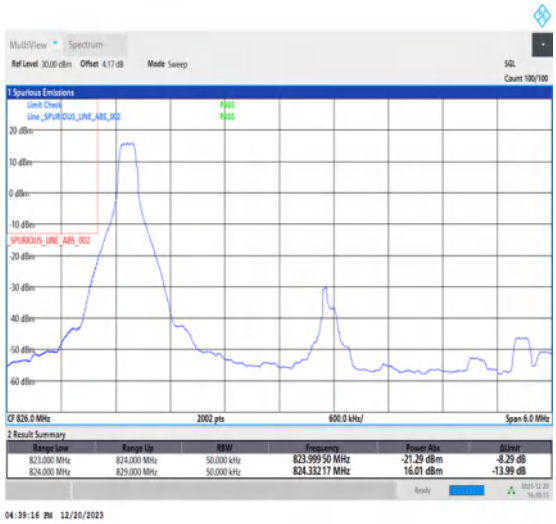
Band Edge for MIMO ANT1

Test Graphs



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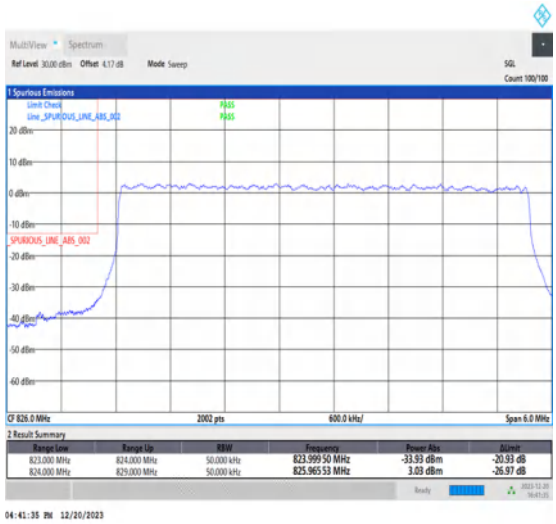

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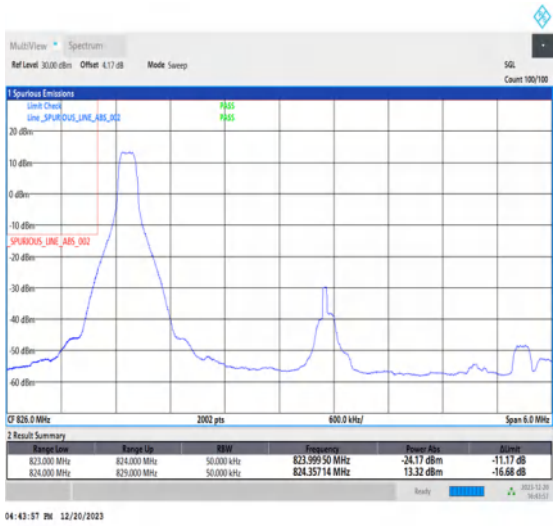

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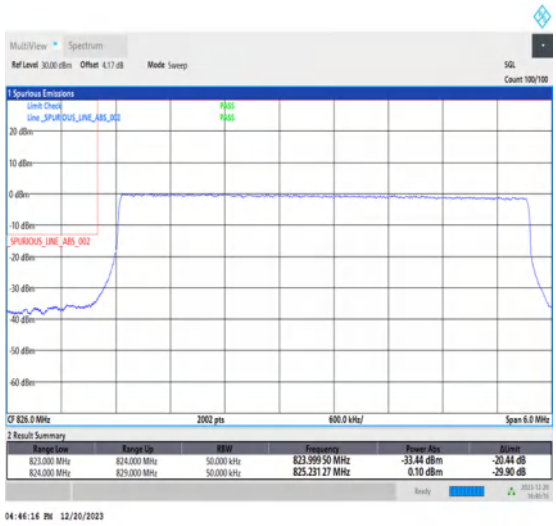

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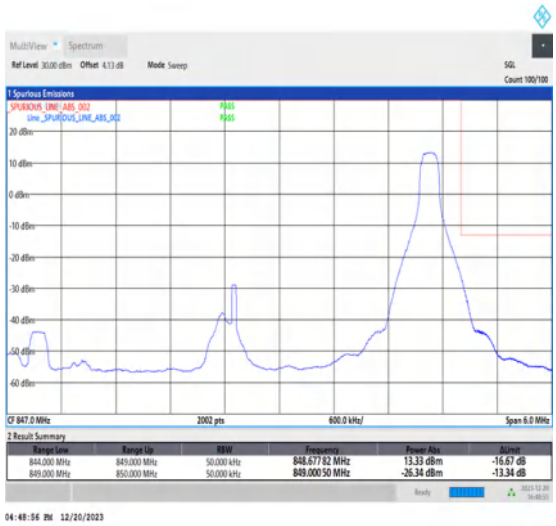

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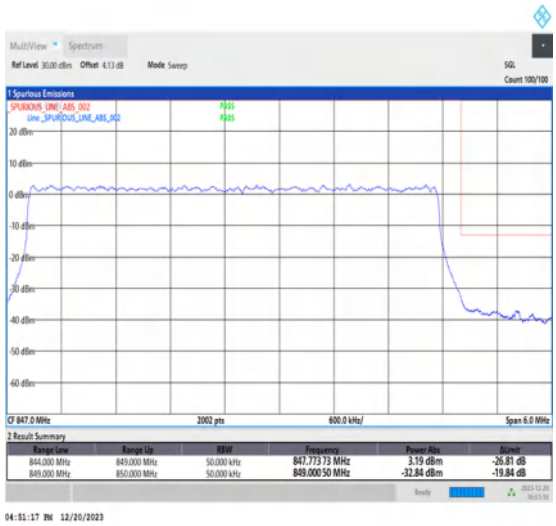

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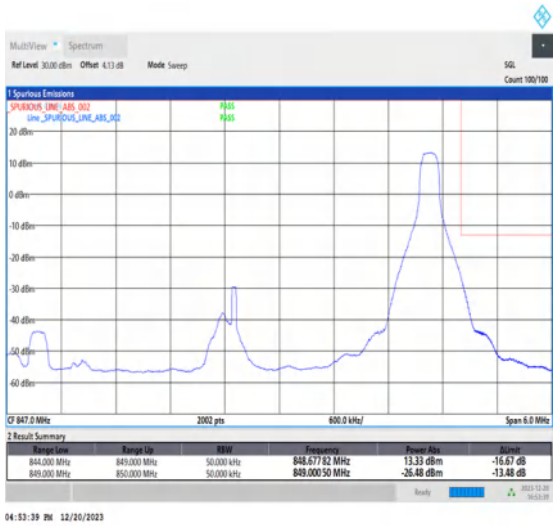

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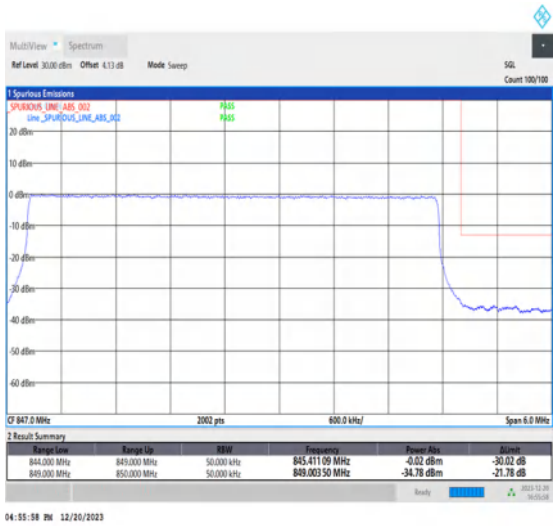

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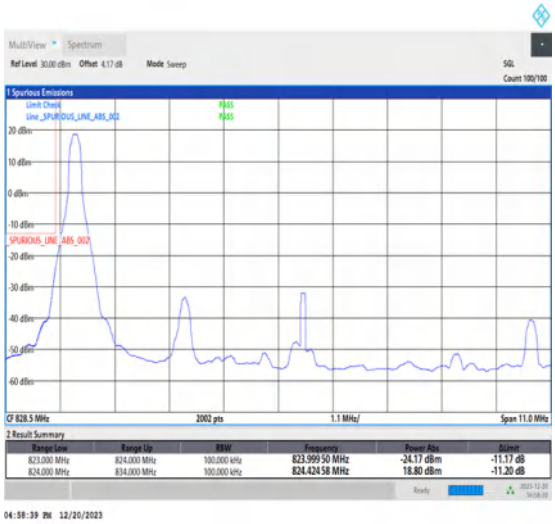

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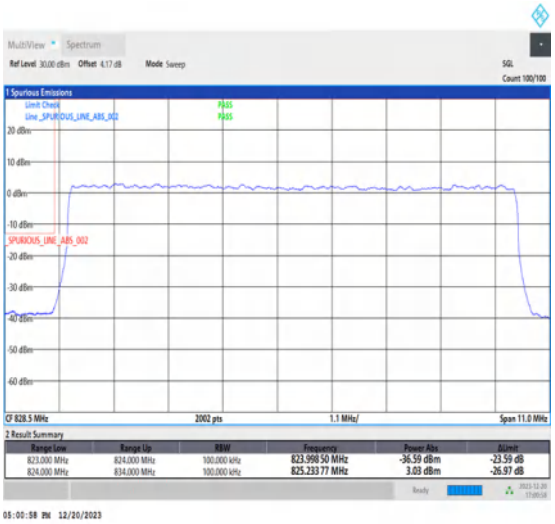

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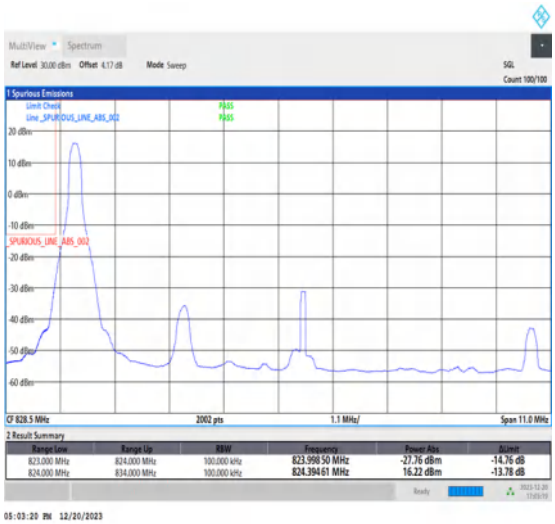

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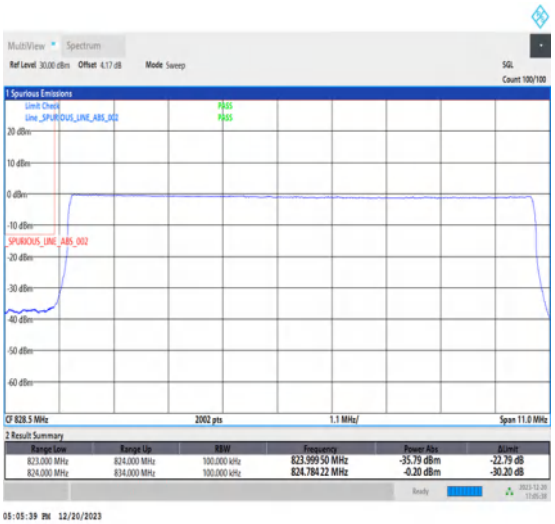

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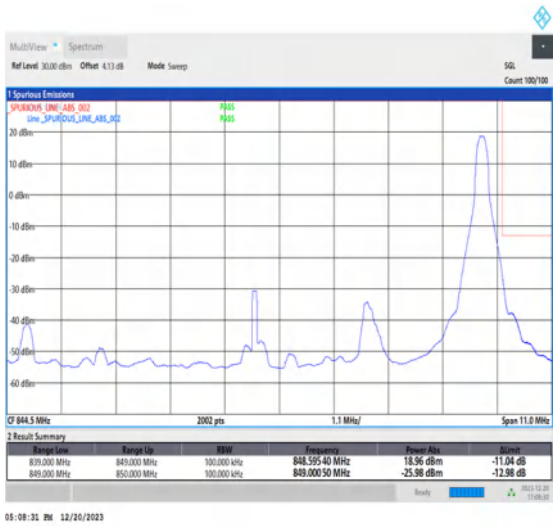

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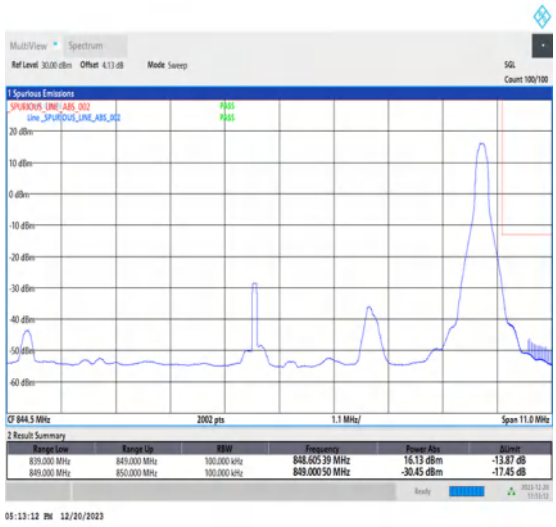

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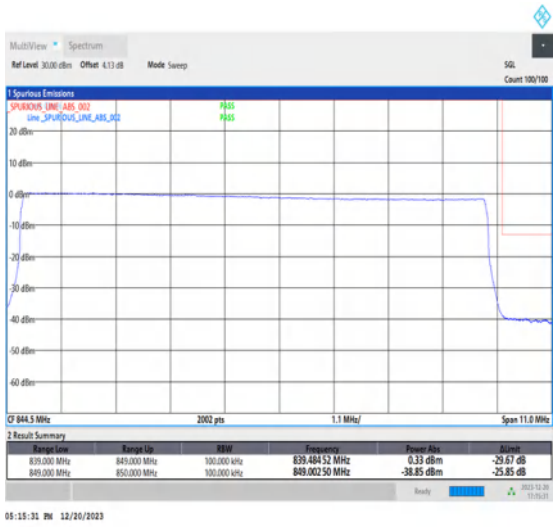

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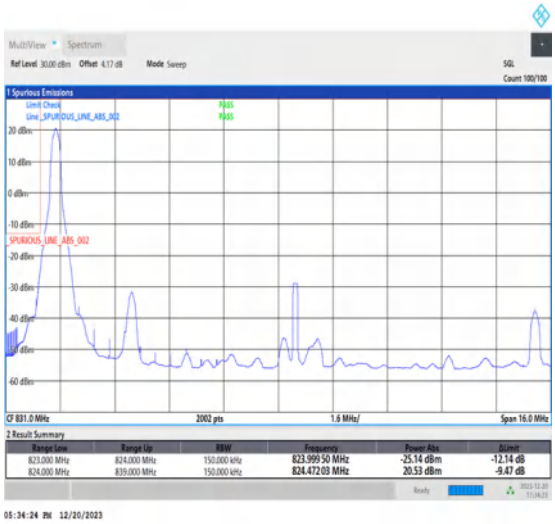

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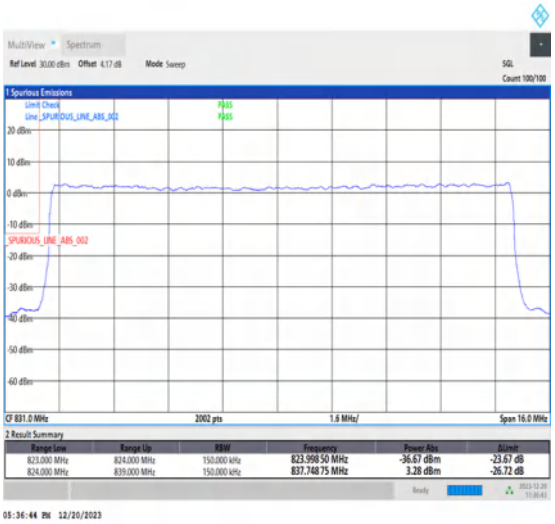

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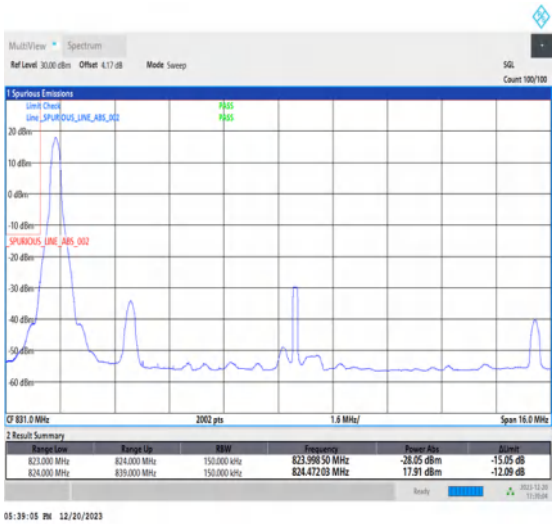

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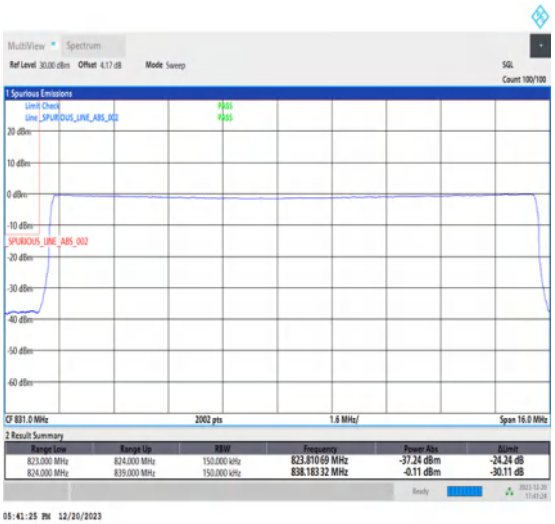

1-N515-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph

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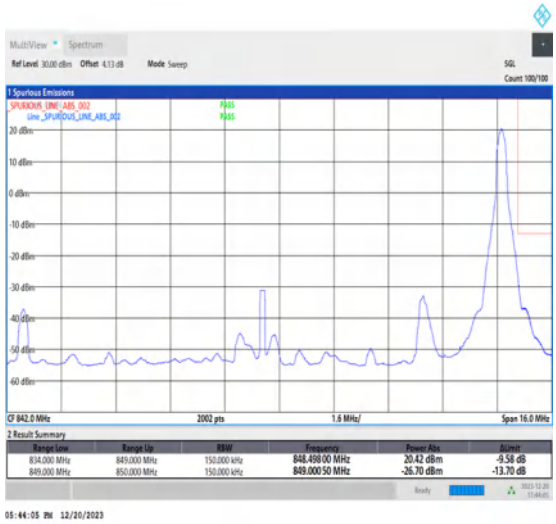

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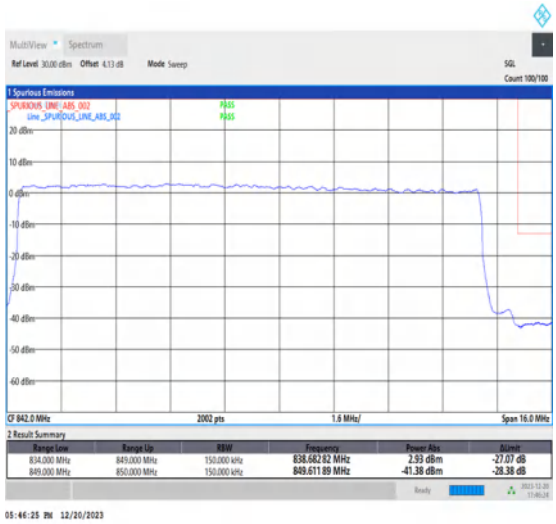

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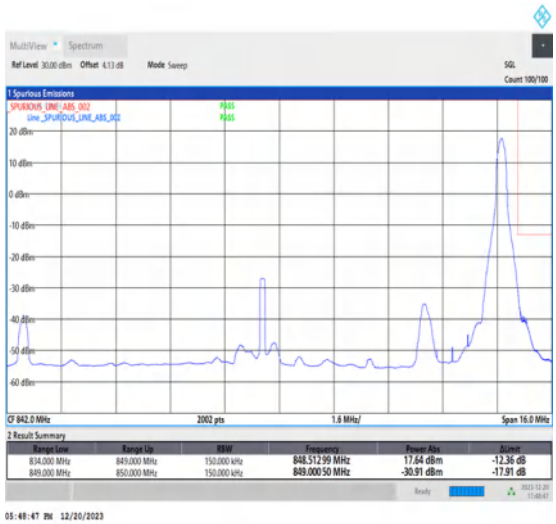

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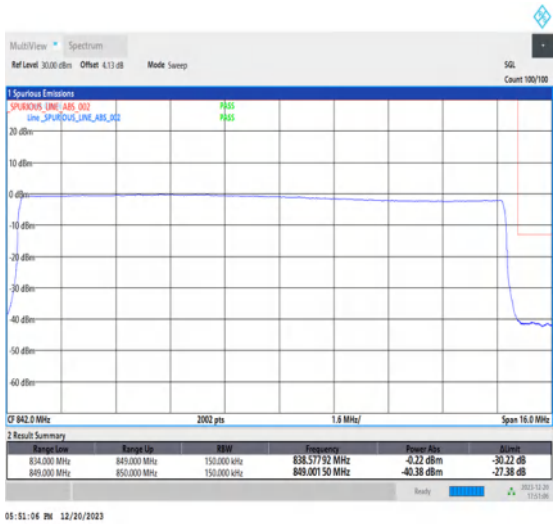

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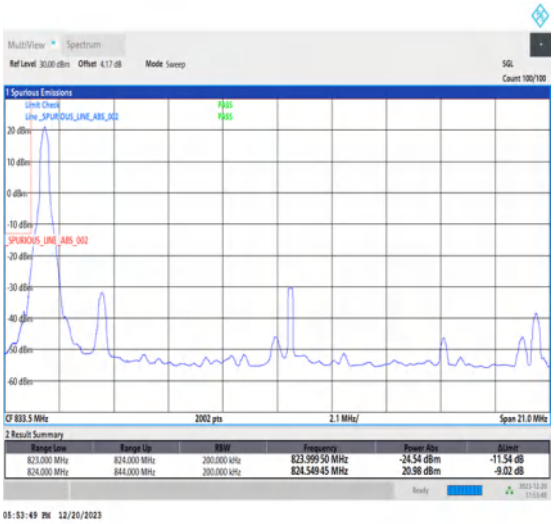

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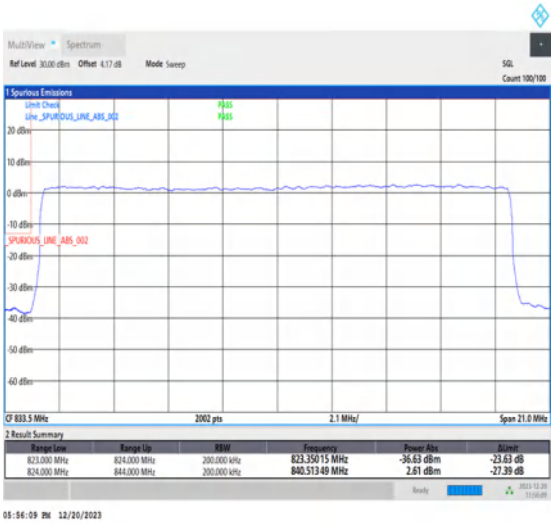

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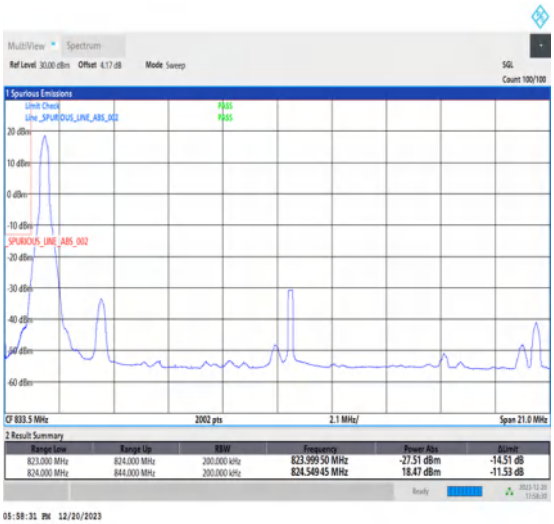

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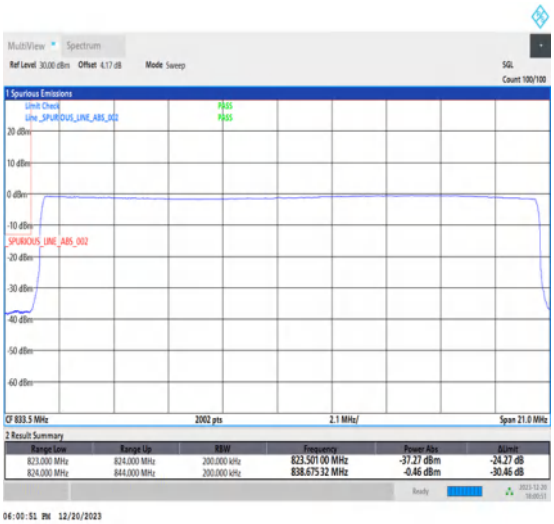

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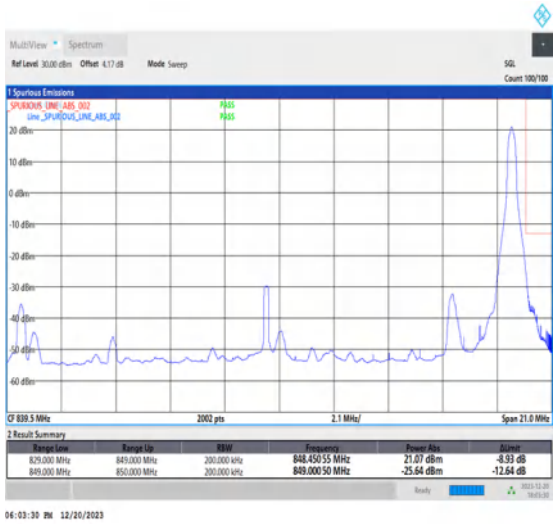

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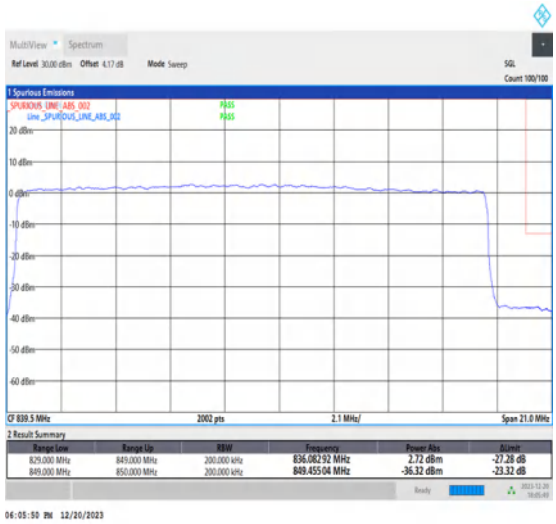

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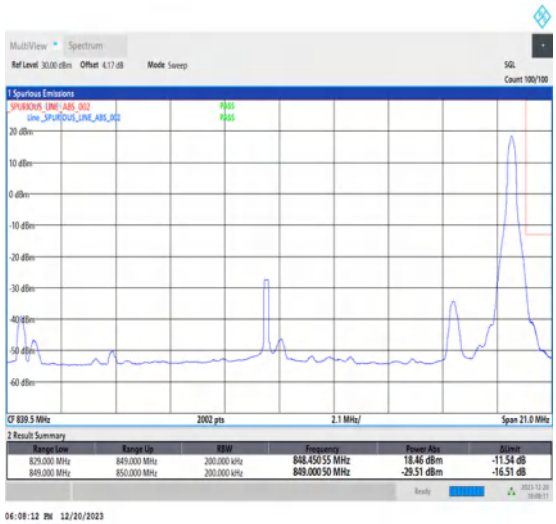

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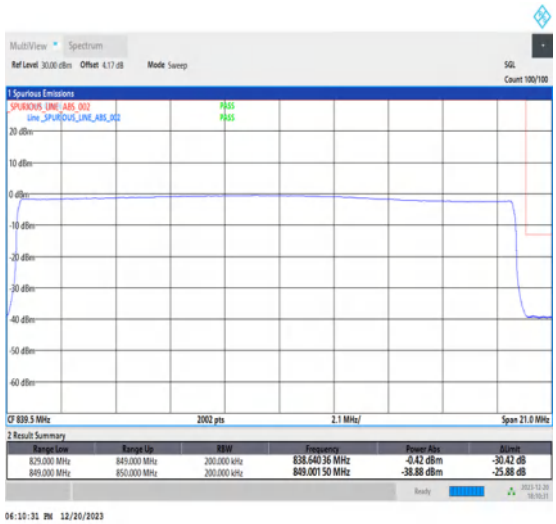

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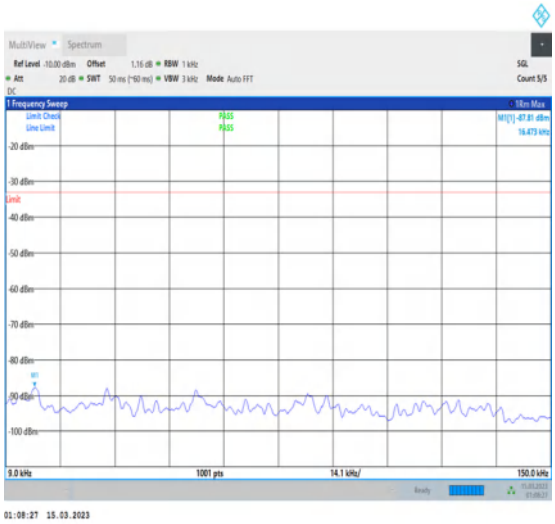	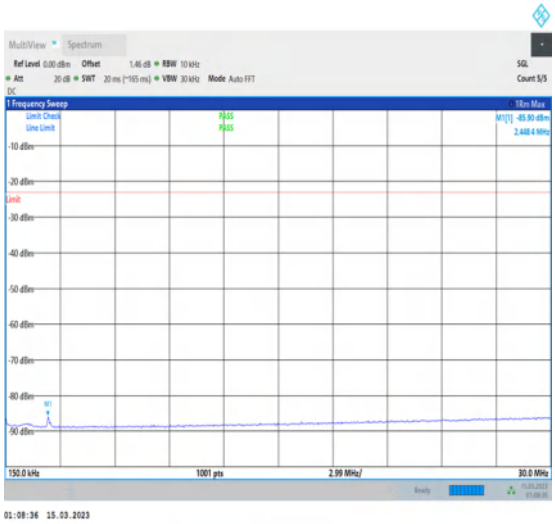
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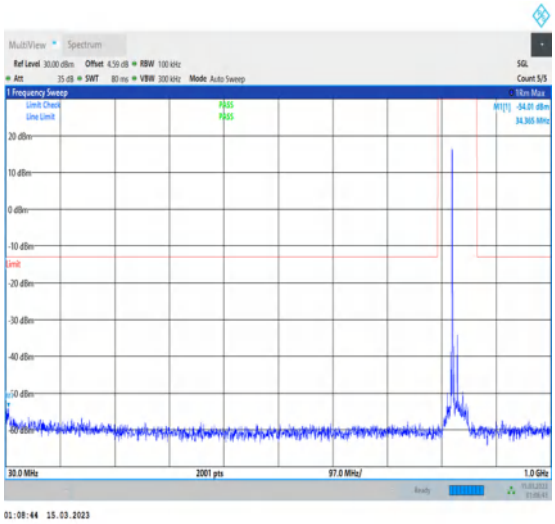	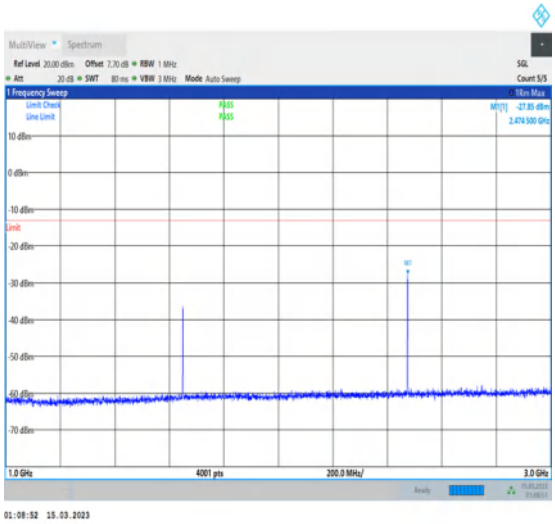
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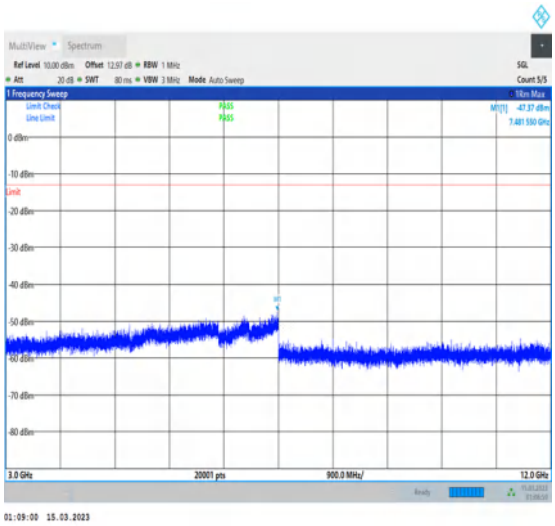

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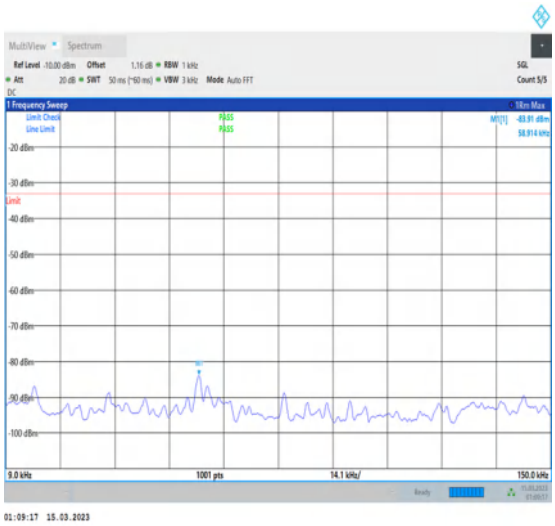

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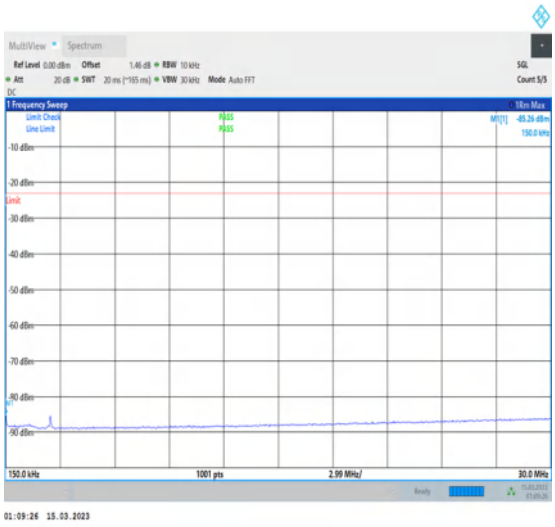

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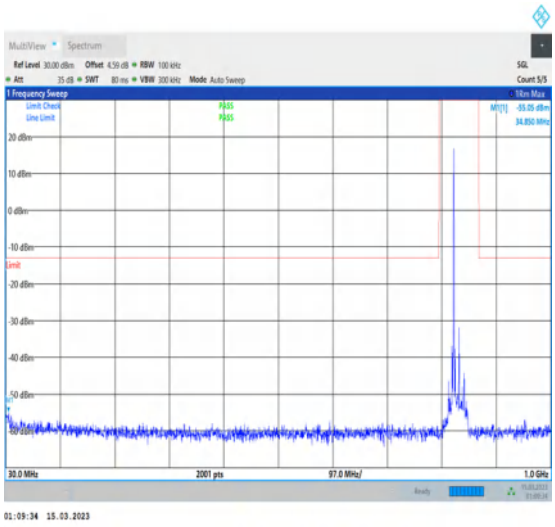

1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-34.85--55.05--13-PASS

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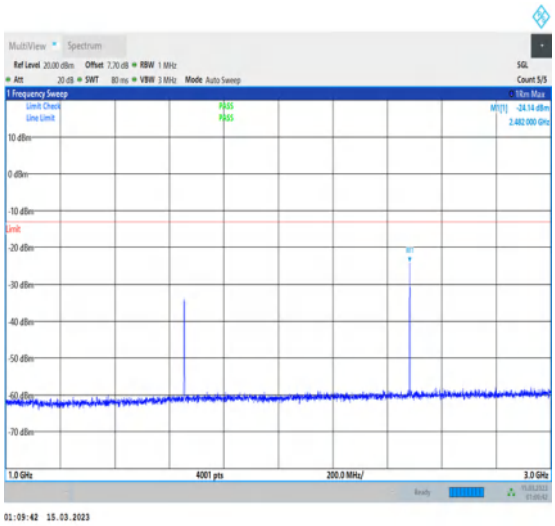

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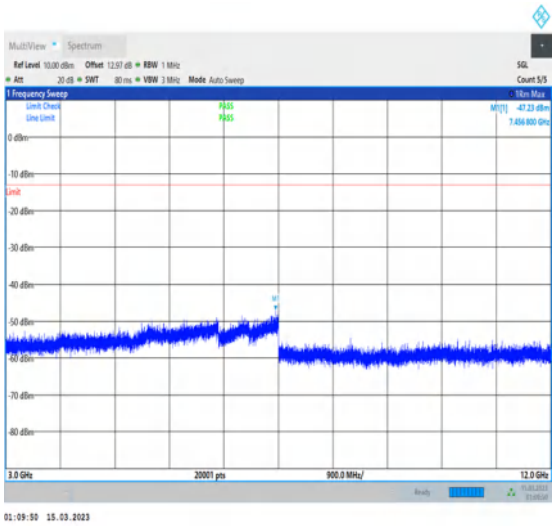

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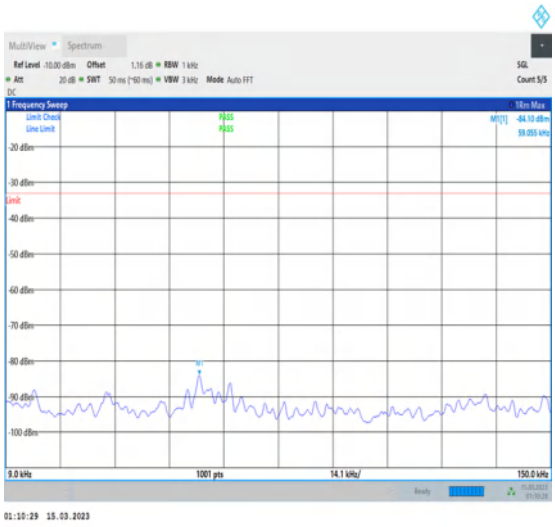

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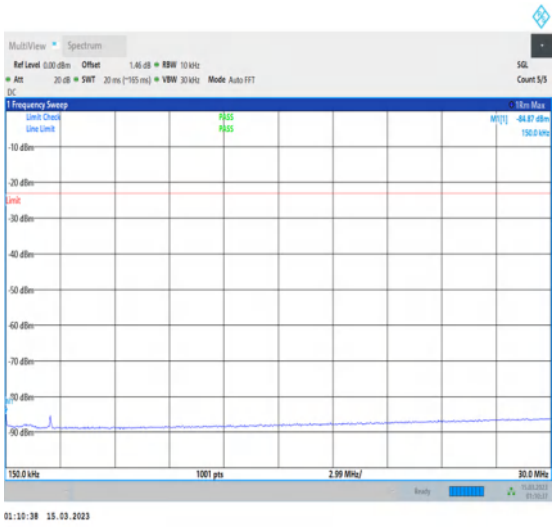

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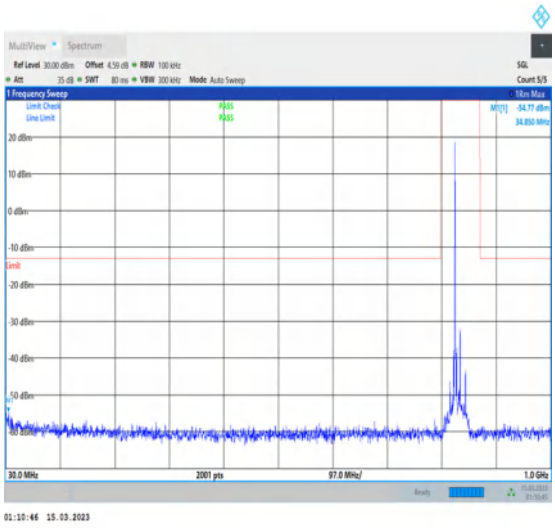	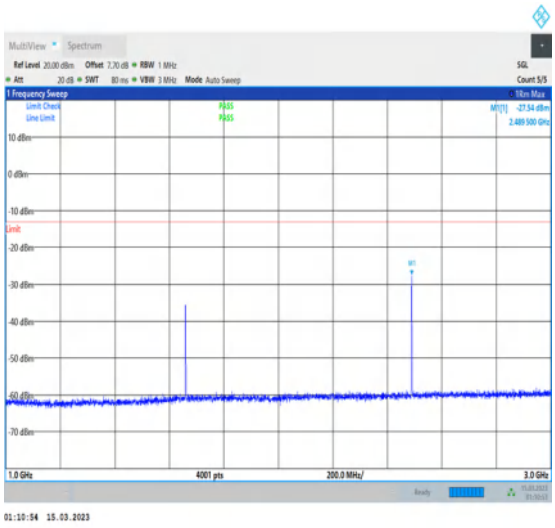
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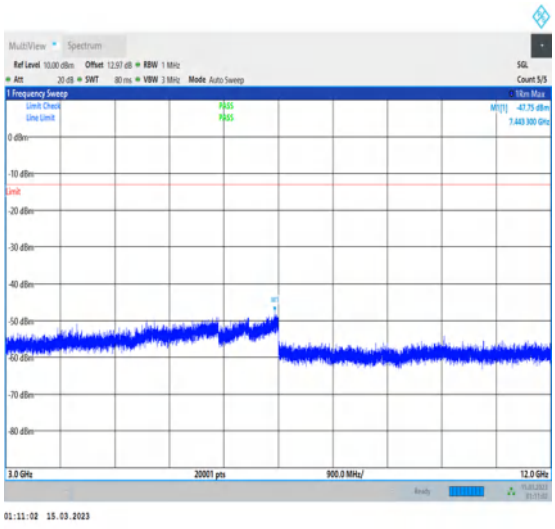	
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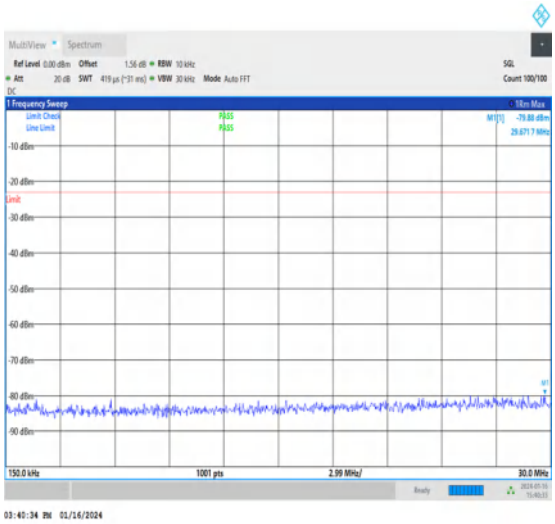
Conducted Spurious Emission for MIMO ANT1

Test Graphs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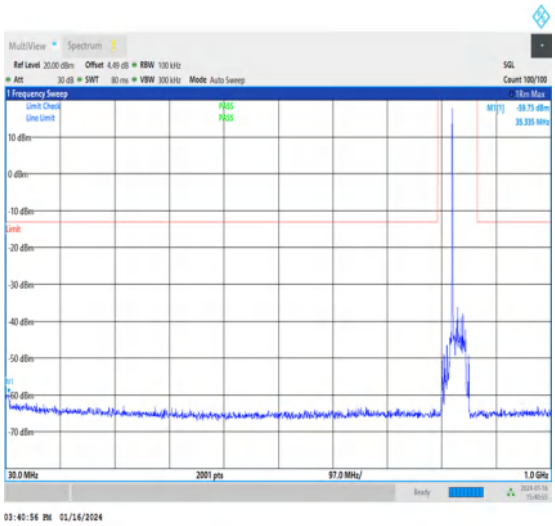	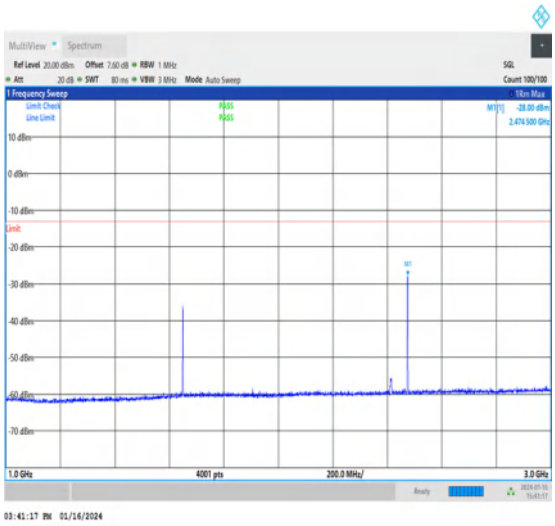
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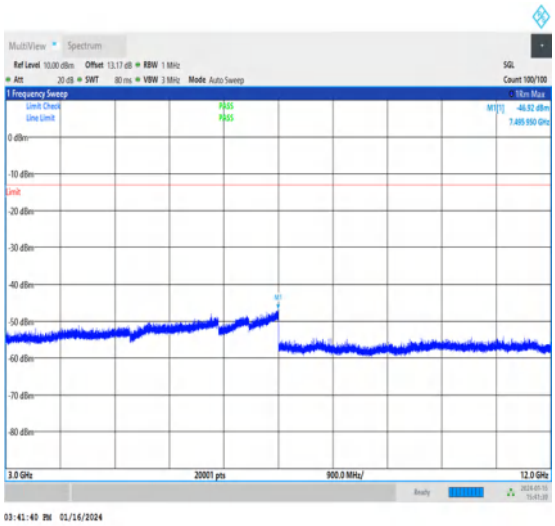

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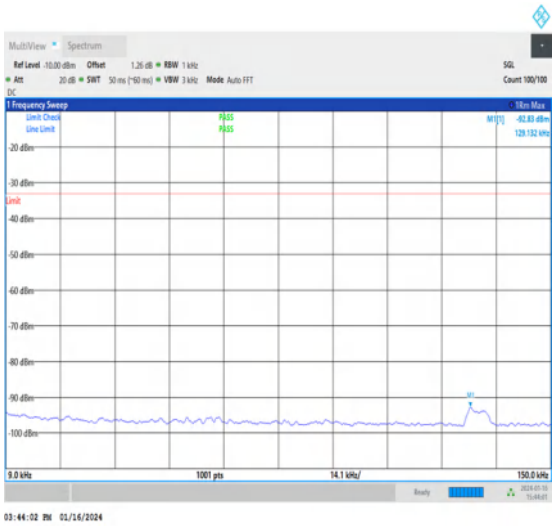

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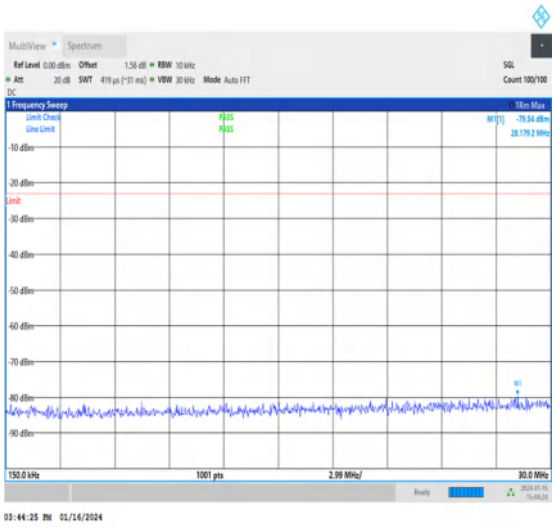

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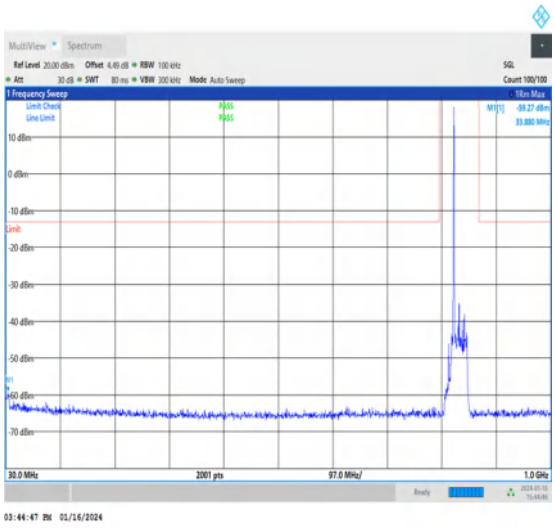

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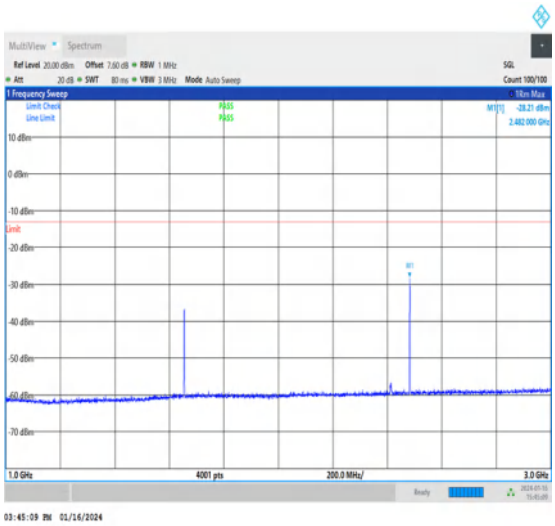

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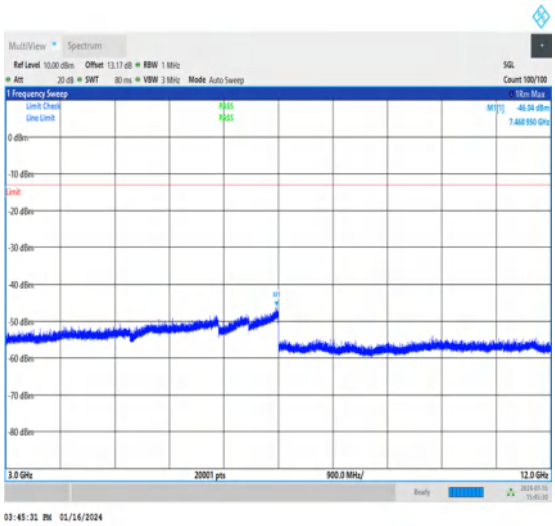

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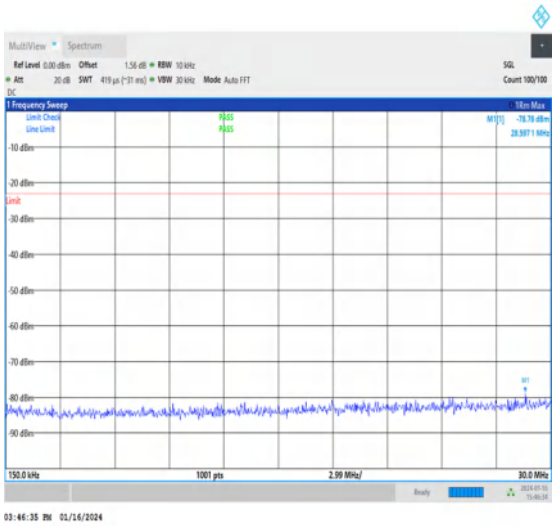

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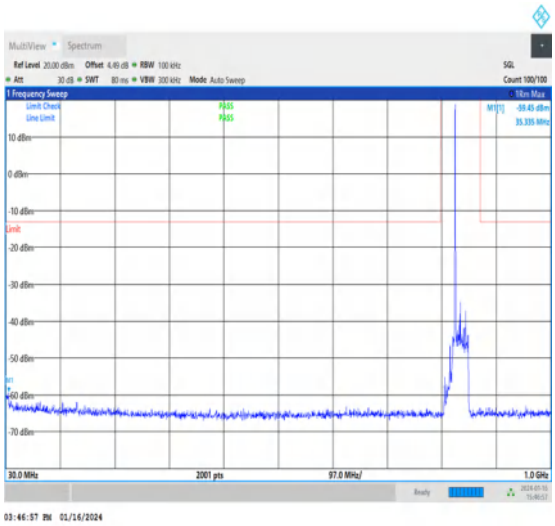	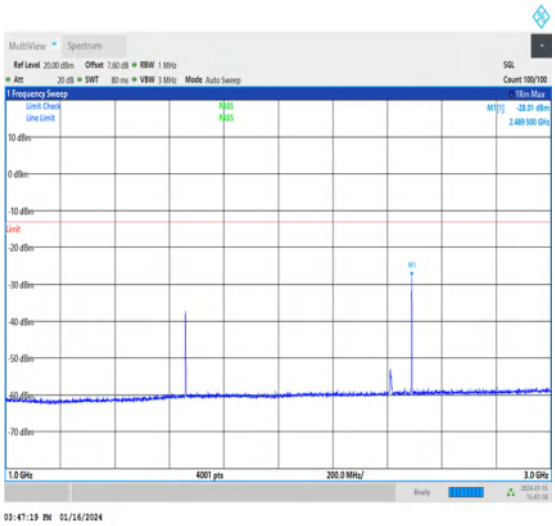
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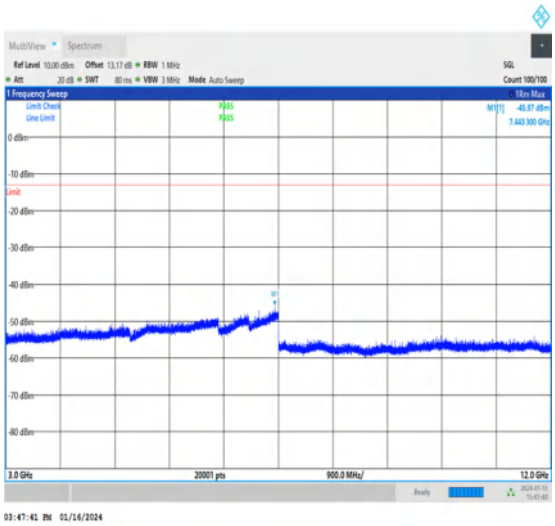	
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Field Strength of Spurious Radiation

Test Band = SA Band5_20MHz _ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	44.00	-48.22	25.37	-74.11	-13.00	61.11	189	351	Horizontal
2	2475.2700	43.38	-47.31	27.69	-71.51	-13.00	58.51	145	355	Horizontal
3	3300.3600	42.90	-46.68	29.55	-69.48	-13.00	56.48	176	360	Horizontal
4	4125.4500	41.61	-45.92	30.99	-68.58	-13.00	55.58	135	342	Horizontal
5	4950.5400	41.79	-45.70	32.74	-66.42	-13.00	53.42	122	331	Horizontal
6	5775.6300	41.27	-44.64	33.66	-64.97	-13.00	51.97	125	252	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.60	-48.22	25.37	-74.51	-13.00	61.51	145	41	Vertical
2	2475.2700	43.37	-47.31	27.69	-71.52	-13.00	58.52	266	146	Vertical
3	3300.3600	42.81	-46.68	29.55	-69.57	-13.00	56.57	140	357	Vertical
4	4125.4500	41.57	-45.92	30.99	-68.62	-13.00	55.62	258	1	Vertical
5	4950.5400	41.78	-45.70	32.74	-66.43	-13.00	53.43	174	1	Vertical
6	5775.6300	40.91	-44.64	33.66	-65.33	-13.00	52.33	195	281	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA Band5_20MHz _ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.66	-48.21	25.37	-74.44	-13.00	61.44	214	360	Horizontal
2	2482.7700	43.66	-47.30	27.71	-71.19	-13.00	58.19	174	132	Horizontal
3	3310.3600	42.78	-46.66	29.54	-69.60	-13.00	56.60	153	26	Horizontal
4	4137.9500	41.87	-45.92	31.01	-68.31	-13.00	55.31	236	197	Horizontal
5	4965.5400	41.50	-45.73	32.78	-66.71	-13.00	53.71	259	359	Horizontal
6	5793.1300	40.17	-44.65	33.72	-66.02	-13.00	53.02	291	226	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	44.12	-48.21	25.37	-73.98	-13.00	60.98	217	295	Vertical
2	2482.7700	43.40	-47.30	27.71	-71.45	-13.00	58.45	148	227	Vertical
3	3310.3600	43.17	-46.66	29.54	-69.21	-13.00	56.21	153	203	Vertical
4	4137.9500	41.57	-45.92	31.01	-68.61	-13.00	55.61	265	254	Vertical
5	4965.5400	41.91	-45.73	32.78	-66.30	-13.00	53.30	214	10	Vertical
6	5793.1300	40.02	-44.65	33.72	-66.17	-13.00	53.17	172	175	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA Band5_20MHz _ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.62	-48.21	25.37	-74.47	-13.00	61.47	247	349	Horizontal
2	2490.2700	42.69	-47.29	27.74	-72.12	-13.00	59.12	111	341	Horizontal
3	3320.3600	42.92	-46.65	29.53	-69.46	-13.00	56.46	145	209	Horizontal
4	4150.4500	41.71	-45.93	31.03	-68.45	-13.00	55.45	126	90	Horizontal
5	4980.5400	41.81	-45.77	32.83	-66.39	-13.00	53.39	259	63	Horizontal
6	5810.6300	40.14	-44.69	33.77	-66.04	-13.00	53.04	135	37	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.39	-48.21	25.37	-74.70	-13.00	61.70	241	0	Vertical
2	2490.2700	43.08	-47.29	27.74	-71.73	-13.00	58.73	142	231	Vertical
3	3320.3600	42.80	-46.65	29.53	-69.58	-13.00	56.58	136	139	Vertical
4	4150.4500	41.62	-45.93	31.03	-68.54	-13.00	55.54	261	231	Vertical
5	4980.5400	41.07	-45.77	32.83	-67.13	-13.00	54.13	291	217	Vertical
6	5810.6300	40.39	-44.69	33.77	-65.79	-13.00	52.79	175	217	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA Band 5 ULMIMO_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1650.18	44.91	-49.82	25.30	-74.87	-13.00	61.87	Horizontal
2	2475.27	44.38	-49.04	27.27	-72.65	-13.00	59.65	Horizontal
3	3300.36	44.25	-48.63	28.62	-71.02	-13.00	58.02	Horizontal
4	4125.45	42.75	-48.29	29.63	-71.17	-13.00	58.17	Horizontal
5	4950.54	42.79	-48.06	31.38	-69.15	-13.00	56.15	Horizontal
6	5775.63	42.63	-47.67	32.76	-67.54	-13.00	54.54	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1650.18	45.31	-49.82	25.30	-74.47	-13.00	61.47	Vertical
2	2475.27	43.94	-49.04	27.27	-73.09	-13.00	60.09	Vertical
3	3300.36	44.22	-48.63	28.62	-71.05	-13.00	58.05	Vertical
4	4125.45	42.22	-48.29	29.63	-71.70	-13.00	58.70	Vertical
5	4950.54	43.51	-48.06	31.38	-68.43	-13.00	55.43	Vertical
6	5775.63	42.52	-47.67	32.76	-67.65	-13.00	54.65	Vertical

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Test Band = SA Band 5 ULMIMO_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1655.18	44.97	-49.81	25.32	-74.78	-13.00	61.78	Horizontal
2	2482.77	43.57	-49.00	27.28	-73.41	-13.00	60.41	Horizontal
3	3310.36	44.22	-48.64	28.62	-71.05	-13.00	58.05	Horizontal
4	4137.95	42.82	-48.30	29.65	-71.09	-13.00	58.09	Horizontal
5	4965.54	42.78	-48.03	31.42	-69.09	-13.00	56.09	Horizontal
6	5793.13	42.64	-47.71	32.76	-67.57	-13.00	54.57	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1655.18	44.92	-49.81	25.32	-74.83	-13.00	61.83	Vertical
2	2482.77	44.06	-49.00	27.28	-72.92	-13.00	59.92	Vertical
3	3310.36	44.72	-48.64	28.62	-70.55	-13.00	57.55	Vertical
4	4137.95	42.78	-48.30	29.65	-71.13	-13.00	58.13	Vertical
5	4965.54	42.34	-48.03	31.42	-69.53	-13.00	56.53	Vertical
6	5793.13	42.64	-47.71	32.76	-67.57	-13.00	54.57	Vertical

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Test Band = SA Band 5 ULMIMO_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1660.18	45.29	-49.80	25.34	-74.43	-13.00	61.43	Horizontal
2	2490.27	44.22	-48.95	27.29	-72.71	-13.00	59.71	Horizontal
3	3320.36	43.44	-48.64	28.63	-71.83	-13.00	58.83	Horizontal
4	4150.45	42.99	-48.31	29.67	-70.91	-13.00	57.91	Horizontal
5	4980.54	42.88	-48.00	31.45	-68.93	-13.00	55.93	Horizontal
6	5810.63	42.54	-47.65	32.76	-67.60	-13.00	54.60	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1660.18	45.60	-49.80	25.34	-74.12	-13.00	61.12	Vertical
2	2490.27	43.79	-48.95	27.29	-73.14	-13.00	60.14	Vertical
3	3320.36	44.73	-48.64	28.63	-70.54	-13.00	57.54	Vertical
4	4150.45	43.36	-48.31	29.67	-70.54	-13.00	57.54	Vertical
5	4980.54	42.83	-48.00	31.45	-68.98	-13.00	55.98	Vertical
6	5810.63	42.35	-47.65	32.76	-67.79	-13.00	54.79	Vertical

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Test Band = NSA 2A_n5A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1759.4286	51.28	-48.04	25.41	-66.60	-13.00	53.60	159	41	Horizontal
2	2340.5714	43.54	-47.48	27.41	-71.79	-13.00	58.79	241	360	Horizontal
3	3125.1429	49.96	-46.63	29.56	-62.38	-13.00	49.38	176	67	Horizontal
4	4844	44.85	-45.61	32.44	-63.58	-13.00	50.58	236	105	Horizontal
5	6002.2857	39.81	-44.44	34.13	-65.76	-13.00	52.76	293	360	Horizontal
6	7438.2857	36.52	-43.33	36.47	-65.59	-13.00	52.59	281	302	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.59	-48.12	25.40	-57.39	-13.00	44.39	184	191	Vertical
2	3125.1429	48.56	-46.63	29.56	-63.78	-13.00	50.78	150	72	Vertical
3	4218.8571	44.21	-45.93	31.14	-65.84	-13.00	52.84	163	243	Vertical
4	4843.4286	48.18	-45.61	32.44	-60.25	-13.00	47.25	195	46	Vertical
5	7187.4286	38.79	-43.91	36.57	-63.82	-13.00	50.82	175	191	Vertical
6	7656	38.28	-43.17	36.50	-63.65	-13.00	50.65	144	46	Vertical

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Test Band = NSA 2A_n5A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	55.96	-48.12	25.40	-62.02	-13.00	49.02	184	66	Horizontal
2	2384	43.44	-47.46	27.43	-71.85	-13.00	58.85	156	158	Horizontal
3	3125.1429	50.45	-46.63	29.56	-61.89	-13.00	48.89	259	171	Horizontal
4	4090.2857	41.34	-45.93	30.94	-68.91	-13.00	55.91	263	236	Horizontal
5	4843.4286	45.63	-45.61	32.44	-62.80	-13.00	49.80	241	105	Horizontal
6	7006.8571	38.25	-43.61	36.10	-64.53	-13.00	51.53	174	236	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.15	-48.12	25.40	-57.83	-13.00	44.83	214	178	Vertical
2	2343.4286	43.53	-47.48	27.41	-71.80	-13.00	58.80	189	126	Vertical
3	3125.1429	48.86	-46.63	29.56	-63.48	-13.00	50.48	165	73	Vertical
4	4320	41.24	-45.80	31.35	-68.48	-13.00	55.48	234	203	Vertical
5	4843.4286	48.65	-45.61	32.44	-59.78	-13.00	46.78	174	59	Vertical
6	6624.5714	39.17	-44.38	35.49	-64.99	-13.00	51.99	185	218	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 2A_n5A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	55.53	-48.12	25.40	-62.45	-13.00	49.45	127	65	Horizontal
2	2500	43.57	-47.27	27.77	-71.19	-13.00	58.19	186	209	Horizontal
3	3125.1429	50.42	-46.63	29.56	-61.92	-13.00	48.92	293	65	Horizontal
4	4090.2857	41.30	-45.93	30.94	-68.95	-13.00	55.95	284	360	Horizontal
5	4843.4286	45.00	-45.61	32.44	-63.43	-13.00	50.43	155	261	Horizontal
6	7044.5714	38.53	-43.86	36.20	-64.39	-13.00	51.39	165	222	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.61	-48.12	25.40	-57.37	-13.00	44.37	179	190	Vertical
2	2397.1429	43.93	-47.45	27.44	-71.34	-13.00	58.34	245	347	Vertical
3	3016.5714	43.58	-46.56	29.38	-68.86	-13.00	55.86	156	112	Vertical
4	4218.8571	44.10	-45.93	31.14	-65.95	-13.00	52.95	254	165	Vertical
5	4843.4286	47.62	-45.61	32.44	-60.81	-13.00	47.81	122	60	Vertical
6	7656	38.72	-43.17	36.50	-63.21	-13.00	50.21	263	205	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 13A_n5A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	55.89	-48.12	25.40	-62.09	-13.00	49.09	129	65	Horizontal
2	2673.7143	43.33	-47.02	28.24	-70.71	-13.00	57.71	304	183	Horizontal
3	3125.1429	50.56	-46.63	29.56	-61.78	-13.00	48.78	175	65	Horizontal
4	3981.7143	41.57	-46.21	30.76	-69.14	-13.00	56.14	268	349	Horizontal
5	4843.4286	45.40	-45.61	32.44	-63.03	-13.00	50.03	278	236	Horizontal
6	6198.2857	39.32	-44.89	34.20	-66.63	-13.00	53.63	142	236	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.91	-48.12	25.40	-57.07	-13.00	44.07	246	190	Vertical
2	2187.4286	44.96	-47.68	27.30	-70.69	-13.00	57.69	135	1	Vertical
3	3125.1429	47.87	-46.63	29.56	-64.47	-13.00	51.47	274	58	Vertical
4	4218.8571	44.64	-45.93	31.14	-65.41	-13.00	52.41	185	152	Vertical
5	4843.4286	48.60	-45.61	32.44	-59.83	-13.00	46.83	165	58	Vertical
6	7656	38.92	-43.17	36.50	-63.01	-13.00	50.01	142	205	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 13A_n5A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	55.94	-48.12	25.40	-62.04	-13.00	49.04	132	300	Horizontal
2	2031.4286	44.86	-47.84	26.75	-71.49	-13.00	58.49	244	144	Horizontal
3	3125.1429	50.65	-46.63	29.56	-61.69	-13.00	48.69	185	65	Horizontal
4	4843.4286	44.98	-45.61	32.44	-63.45	-13.00	50.45	176	103	Horizontal
5	6122.2857	38.99	-44.73	34.17	-66.83	-13.00	53.83	290	169	Horizontal
6	8407.4286	35.35	-41.68	37.35	-64.25	-13.00	51.25	187	221	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.27	-48.12	25.40	-57.71	-13.00	44.71	134	191	Vertical
2	2086.2857	43.32	-47.74	26.94	-72.73	-13.00	59.73	278	47	Vertical
3	2812.5714	44.02	-46.88	28.53	-69.58	-13.00	56.58	165	126	Vertical
4	3205.7143	42.56	-46.31	29.67	-69.34	-13.00	56.34	164	244	Vertical
5	4844	48.60	-45.61	32.44	-59.83	-13.00	46.83	244	61	Vertical
6	7656	38.98	-43.17	36.50	-62.95	-13.00	49.95	185	285	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 13A_n5A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1855.4286	44.19	-48.01	25.77	-73.31	-13.00	60.31	139	360	Horizontal
2	2252	43.43	-47.59	27.37	-72.05	-13.00	59.05	182	53	Horizontal
3	3125.1429	50.61	-46.63	29.56	-61.73	-13.00	48.73	175	170	Horizontal
4	3645.7143	41.67	-46.25	29.77	-70.07	-13.00	57.07	156	13	Horizontal
5	4885.1429	41.36	-45.59	32.56	-66.93	-13.00	53.93	238	158	Horizontal
6	6321.1429	39.39	-44.64	34.45	-66.05	-13.00	53.05	159	92	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.70	-48.12	25.40	-57.28	-13.00	44.28	248	190	Vertical
2	3125.1429	48.52	-46.63	29.56	-63.82	-13.00	50.82	193	59	Vertical
3	4218.8571	43.99	-45.93	31.14	-66.06	-13.00	53.06	266	230	Vertical
4	4844	48.91	-45.61	32.44	-59.52	-13.00	46.52	124	59	Vertical
5	6084	39.48	-44.65	34.16	-66.27	-13.00	53.27	248	218	Vertical
6	7656	38.55	-43.17	36.50	-63.38	-13.00	50.38	156	47	Vertical

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Test Band = NSA 7A_n5A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1594.8571	44.18	-48.28	25.36	-74.01	-13.00	61.01	277	360	Horizontal
2	1978.2857	43.49	-47.93	26.51	-73.19	-13.00	60.19	235	360	Horizontal
3	3125.1429	50.52	-46.63	29.56	-61.82	-13.00	48.82	249	65	Horizontal
4	4843.4286	44.86	-45.61	32.44	-63.57	-13.00	50.57	286	104	Horizontal
5	7000.5714	38.88	-43.57	36.08	-63.87	-13.00	50.87	190	78	Horizontal
6	8407.4286	36.26	-41.68	37.35	-63.34	-13.00	50.34	263	13	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1760.5714	46.73	-48.03	25.41	-71.15	-13.00	58.15	199	322	Vertical
2	2031.4286	44.90	-47.84	26.75	-71.45	-13.00	58.45	285	34	Vertical
3	2500	45.60	-47.27	27.77	-69.16	-13.00	56.16	164	164	Vertical
4	3125.1429	48.64	-46.63	29.56	-63.70	-13.00	50.70	272	60	Vertical
5	4530.8571	43.55	-45.66	31.64	-65.73	-13.00	52.73	134	178	Vertical
6	6980	38.12	-43.69	36.06	-64.77	-13.00	51.77	195	124	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 7A_n5A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1761.1429	51.21	-48.03	25.41	-66.67	-13.00	53.67	210	40	Horizontal
2	2031.4286	44.94	-47.84	26.75	-71.41	-13.00	58.41	165	145	Horizontal
3	3125.1429	50.29	-46.63	29.56	-62.05	-13.00	49.05	288	66	Horizontal
4	4442.2857	41.06	-45.77	31.55	-68.42	-13.00	55.42	194	289	Horizontal
5	6050.8571	39.70	-44.56	34.15	-65.97	-13.00	52.97	241	92	Horizontal
6	7863.4286	35.90	-42.72	36.85	-65.22	-13.00	52.22	123	105	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2031.4286	44.54	-47.84	26.75	-71.81	-13.00	58.81	132	46	Vertical
2	2412.5714	43.31	-47.43	27.48	-71.90	-13.00	58.90	124	283	Vertical
3	2725.1429	43.49	-47.02	28.34	-70.45	-13.00	57.45	188	10	Vertical
4	4218.8571	44.74	-45.93	31.14	-65.31	-13.00	52.31	169	231	Vertical
5	5625.1429	40.74	-45.09	33.11	-66.50	-13.00	53.50	256	203	Vertical
6	6996.5714	38.41	-43.59	36.08	-64.36	-13.00	51.36	287	310	Vertical

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Test Band = NSA 7A_n5A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1456	44.72	-48.18	25.54	-73.17	-13.00	60.17	189	285	Horizontal
2	3125.1429	50.14	-46.63	29.56	-62.20	-13.00	49.20	237	63	Horizontal
3	3974.2857	41.66	-46.21	30.74	-69.07	-13.00	56.07	142	354	Horizontal
4	5462.2857	40.56	-45.08	32.87	-66.91	-13.00	53.91	156	360	Horizontal
5	7045.1429	38.11	-43.86	36.20	-64.82	-13.00	51.82	288	63	Horizontal
6	8429.7143	35.54	-41.69	37.39	-64.01	-13.00	51.01	194	273	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.2857	45.38	-48.02	25.61	-72.29	-13.00	59.29	189	34	Vertical
2	2385.1429	43.56	-47.46	27.43	-71.72	-13.00	58.72	266	126	Vertical
3	3215.4286	42.78	-46.35	29.66	-69.17	-13.00	56.17	175	12	Vertical
4	4531.4286	43.12	-45.66	31.64	-66.16	-13.00	53.16	186	270	Vertical
5	5432.5714	40.26	-45.03	32.84	-67.19	-13.00	54.19	246	243	Vertical
6	7656	38.99	-43.17	36.50	-62.94	-13.00	49.94	126	323	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 2A_n5A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	42.89	-45.67	30.12	-67.92	-13.00	54.92	125	59	Horizontal
2	4531.5	45.26	-45.70	31.64	-64.06	-13.00	51.06	136	285	Horizontal
3	4843.5	45.56	-45.54	32.44	-62.79	-13.00	49.79	155	315	Horizontal
4	5156.25	42.92	-45.32	32.97	-64.69	-13.00	51.69	184	330	Horizontal
5	6628.5	40.89	-44.20	35.50	-63.07	-13.00	50.07	186	180	Horizontal
6	8793	37.92	-41.28	38.07	-60.55	-13.00	47.55	199	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	46.84	-45.67	30.12	-63.97	-13.00	50.97	145	346	Vertical
2	4531.5	44.84	-45.70	31.64	-64.48	-13.00	51.48	163	165	Vertical
3	4843.5	44.91	-45.54	32.44	-63.44	-13.00	50.44	258	225	Vertical
4	5156.25	45.60	-45.32	32.97	-62.01	-13.00	49.01	196	180	Vertical
5	5691	41.29	-44.87	33.35	-65.49	-13.00	52.49	184	242	Vertical
6	8802	37.48	-41.25	38.08	-60.95	-13.00	47.95	175	8	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 2A_n5A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4272.75	42.46	-45.60	31.25	-67.15	-13.00	54.15	145	12	Horizontal
2	5611.5	42.32	-45.04	33.06	-64.92	-13.00	51.92	136	99	Horizontal
3	6809.25	41.71	-44.16	35.85	-61.86	-13.00	48.86	259	357	Horizontal
4	8694	38.86	-41.67	37.91	-60.16	-13.00	47.16	184	0	Horizontal
5	9606	35.90	-39.66	38.43	-60.58	-13.00	47.58	175	357	Horizontal
6	12704.25	31.61	-36.69	39.46	-60.87	-13.00	47.87	146	207	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	47.57	-45.67	30.12	-63.24	-13.00	50.24	147	344	Vertical
2	4531.5	45.08	-45.70	31.64	-64.24	-13.00	51.24	152	89	Vertical
3	5453.25	41.98	-45.27	32.86	-65.69	-13.00	52.69	136	134	Vertical
4	5853.75	40.88	-44.87	33.85	-65.40	-13.00	52.40	256	315	Vertical
5	7187.25	39.98	-43.52	36.57	-62.23	-13.00	49.23	219	0	Vertical
6	8394.75	38.83	-41.48	37.32	-60.59	-13.00	47.59	184	356	Vertical

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Test Band = NR CA 2A_n5A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3567	42.83	-46.17	29.58	-69.02	-13.00	56.02	255	165	Horizontal
2	4099.5	42.11	-45.76	30.95	-67.96	-13.00	54.96	145	61	Horizontal
3	4915.5	42.76	-45.55	32.64	-65.40	-13.00	52.40	159	30	Horizontal
4	6562.5	40.61	-44.45	35.29	-63.81	-13.00	50.81	169	121	Horizontal
5	8079.75	37.99	-41.56	37.04	-61.79	-13.00	48.79	181	44	Horizontal
6	10288.5	34.51	-39.14	38.83	-61.06	-13.00	48.06	117	7	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	47.66	-45.67	30.12	-63.15	-13.00	50.15	233	0	Vertical
2	4531.5	45.15	-45.70	31.64	-64.17	-13.00	51.17	165	76	Vertical
3	4843.5	45.81	-45.54	32.44	-62.54	-13.00	49.54	145	211	Vertical
4	5156.25	46.07	-45.32	32.97	-61.54	-13.00	48.54	185	182	Vertical
5	5611.5	49.21	-45.04	33.06	-58.03	-13.00	45.03	140	227	Vertical
6	8932.5	38.24	-41.16	38.16	-60.02	-13.00	47.02	160	47	Vertical

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Test Band = NR CA 5A_n5A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.82	-48.22	25.37	-74.29	-13.00	61.29	146	262	Horizontal
2	2475.2700	42.53	-47.31	27.69	-72.36	-13.00	59.36	238	262	Horizontal
3	3300.3600	42.17	-46.68	29.55	-70.21	-13.00	57.21	189	104	Horizontal
4	4125.4500	40.63	-45.92	30.99	-69.56	-13.00	56.56	275	349	Horizontal
5	4950.5400	41.09	-45.70	32.74	-67.12	-13.00	54.12	160	275	Horizontal
6	5775.6300	39.10	-44.64	33.66	-67.14	-13.00	54.14	105	12	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.31	-48.22	25.37	-74.80	-13.00	61.80	211	151	Vertical
2	2475.2700	42.68	-47.31	27.69	-72.21	-13.00	59.21	188	125	Vertical
3	3300.3600	42.56	-46.68	29.55	-69.82	-13.00	56.82	175	31	Vertical
4	4125.4500	40.81	-45.92	30.99	-69.38	-13.00	56.38	162	23	Vertical
5	4950.5400	40.90	-45.70	32.74	-67.31	-13.00	54.31	135	122	Vertical
6	5775.6300	39.13	-44.64	33.66	-67.11	-13.00	54.11	208	11	Vertical

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Test Band = NR CA 5A_n5A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.58	-48.21	25.37	-74.52	-13.00	61.52	289	146	Horizontal
2	2482.7700	42.57	-47.30	27.71	-72.28	-13.00	59.28	186	13	Horizontal
3	3310.3600	42.49	-46.66	29.54	-69.89	-13.00	56.89	186	26	Horizontal
4	4137.9500	40.92	-45.92	31.01	-69.26	-13.00	56.26	174	172	Horizontal
5	4965.5400	40.38	-45.73	32.78	-67.83	-13.00	54.83	216	238	Horizontal
6	5793.1300	39.52	-44.65	33.72	-66.67	-13.00	53.67	295	198	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.47	-48.21	25.37	-74.63	-13.00	61.63	189	98	Vertical
2	2482.7700	42.73	-47.30	27.71	-72.12	-13.00	59.12	275	0	Vertical
3	3310.3600	43.08	-46.66	29.54	-69.30	-13.00	56.30	186	72	Vertical
4	4137.9500	40.73	-45.92	31.01	-69.45	-13.00	56.45	224	163	Vertical
5	4965.5400	40.70	-45.73	32.78	-67.51	-13.00	54.51	186	1	Vertical
6	5793.1300	40.40	-44.65	33.72	-65.79	-13.00	52.79	239	177	Vertical

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Test Band = NR CA 5A_n5A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.55	-48.21	25.37	-74.54	-13.00	61.54	171	78	Horizontal
2	2490.2700	42.49	-47.29	27.74	-72.32	-13.00	59.32	296	313	Horizontal
3	3320.3600	42.36	-46.65	29.53	-70.02	-13.00	57.02	186	358	Horizontal
4	4150.4500	40.78	-45.93	31.03	-69.38	-13.00	56.38	253	360	Horizontal
5	4980.5400	40.35	-45.77	32.83	-67.85	-13.00	54.85	141	288	Horizontal
6	5810.6300	39.64	-44.69	33.77	-66.54	-13.00	53.54	213	275	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.07	-48.21	25.37	-75.02	-13.00	62.02	157	321	Vertical
2	2490.2700	42.24	-47.29	27.74	-72.57	-13.00	59.57	185	136	Vertical
3	3320.3600	43.12	-46.65	29.53	-69.26	-13.00	56.26	162	0	Vertical
4	4150.4500	40.70	-45.93	31.03	-69.46	-13.00	56.46	298	2	Vertical
5	4980.5400	40.49	-45.77	32.83	-67.71	-13.00	54.71	148	31	Vertical
6	5810.6300	39.54	-44.69	33.77	-66.64	-13.00	53.64	256	334	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 14A-n5A_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1362.2222	50.01	-50.06	24.38	-70.93	-13.00	57.93	Horizontal
2	1868.8889	45.34	-49.78	26.18	-73.52	-13.00	60.52	Horizontal
3	2491.1111	45.01	-48.95	27.29	-71.91	-13.00	58.91	Horizontal
4	3318.2222	44.92	-48.64	28.63	-70.35	-13.00	57.35	Horizontal
5	4288	44.61	-48.07	29.92	-68.80	-13.00	55.80	Horizontal
6	6873.7778	43.28	-46.60	35.32	-63.26	-13.00	50.26	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1360	47.50	-50.06	24.38	-73.44	-13.00	60.44	Vertical
2	1907.1111	45.46	-49.74	26.33	-73.22	-13.00	60.22	Vertical
3	2432.4444	45.28	-49.29	27.22	-72.05	-13.00	59.05	Vertical
4	3357.3333	45.23	-48.66	28.64	-70.05	-13.00	57.05	Vertical
5	4680	44.11	-48.07	30.73	-68.49	-13.00	55.49	Vertical
6	7668.4444	42.08	-45.09	36.60	-61.67	-13.00	48.67	Vertical

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Test Band = NSA 14A-n5A_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1284.8889	49.75	-50.15	24.53	-71.12	-13.00	58.12	Horizontal
2	1853.3333	46.17	-49.79	26.11	-72.77	-13.00	59.77	Horizontal
3	2370.2222	45.64	-49.38	27.14	-71.85	-13.00	58.85	Horizontal
4	3427.1111	45.36	-48.62	28.67	-69.85	-13.00	56.85	Horizontal
5	4656.8889	44.15	-48.06	30.68	-68.50	-13.00	55.50	Horizontal
6	6931.1111	42.06	-46.55	35.45	-64.30	-13.00	51.30	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1363.5556	48.22	-50.05	24.37	-72.72	-13.00	59.72	Vertical
2	1810.2222	45.50	-49.83	25.94	-73.65	-13.00	60.65	Vertical
3	2612.8889	45.37	-49.15	27.57	-71.47	-13.00	58.47	Vertical
4	3560.4444	44.75	-48.46	28.78	-70.19	-13.00	57.19	Vertical
5	5452.4444	43.64	-47.41	32.59	-66.45	-13.00	53.45	Vertical
6	7194.6667	42.53	-46.17	36.07	-62.83	-13.00	49.83	Vertical

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Test Band = NSA 14A-n5A_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1364	49.92	-50.05	24.37	-71.02	-13.00	58.02	Horizontal
2	2360.4444	45.32	-49.34	27.13	-72.15	-13.00	59.15	Horizontal
3	3564.8889	44.48	-48.46	28.79	-70.45	-13.00	57.45	Horizontal
4	4681.7778	43.80	-48.07	30.74	-68.80	-13.00	55.80	Horizontal
5	5887.1111	43.19	-47.11	32.78	-66.40	-13.00	53.40	Horizontal
6	7235.1111	42.53	-46.15	36.16	-62.71	-13.00	49.71	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1397.7778	46.80	-50.01	24.30	-74.17	-13.00	61.17	Vertical
2	2236.4444	45.31	-49.36	26.98	-72.33	-13.00	59.33	Vertical
3	2991.5556	44.56	-48.33	28.48	-70.55	-13.00	57.55	Vertical
4	3581.3333	44.91	-48.47	28.81	-70.01	-13.00	57.01	Vertical
5	4922.2222	43.33	-48.12	31.31	-68.74	-13.00	55.74	Vertical
6	7226.2222	42.73	-46.16	36.14	-62.54	-13.00	49.54	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-5.000000	-0.005977	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.300000	-0.005140	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-5.800000	-0.006934	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VH	NT	-8.100000	-0.009683	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VN	NT	-7.100000	-0.008488	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VL	NT	-5.800000	-0.006934	±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	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-6.100000	-0.007292	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-4.400000	-0.005260	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-3.800000	-0.004543	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-5.200000	-0.006216	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-3.800000	-0.004543	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.000000	-0.005977	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-4.900000	-0.005858	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-5.200000	-0.006216	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-4.900000	-0.005858	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-30	-7.100000	-0.008488	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-20	-6.800000	-0.008129	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-10	-6.800000	-0.008129	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	0	-5.100000	-0.006097	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	10	-4.600000	-0.005499	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	20	-5.500000	-0.006575	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	30	-6.200000	-0.007412	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	40	-7.000000	-0.008368	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	50	-8.100000	-0.009683	±2.5	PASS

---End of Attachment---

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