Appendix B.32

NR Band n25

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Effective (Isotropic) Radiated Power Output Data for SA

Test ResultAnt1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N25	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.31	24.04	33	PASS
N25	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.31	24.04	33	PASS
N25	15	5	DFT-PI2BPSK	L	Outer_Full	23.18	23.91	33	PASS
N25	15	5	DFT-QPSK	L	Inner_1RB_Left	23.23	23.96	33	PASS
N25	15	5	DFT-QPSK	L	Inner_1RB_Right	23.32	24.05	33	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	22.5	23.23	33	PASS
N25	15	5	DFT-16QAM	L	Inner_1RB_Left	22.06	22.79	33	PASS
N25	15	5	DFT-16QAM	L	Inner_1RB_Right	22.08	22.81	33	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	21.42	22.15	33	PASS
N25	15	5	DFT-64QAM	L	Inner_1RB_Left	20.57	21.3	33	PASS
N25	15	5	DFT-64QAM	L	Inner_1RB_Right	20.72	21.45	33	PASS
N25	15	5	DFT-64QAM	L	Outer_Full	20.98	21.71	33	PASS
N25	15	5	DFT-256QAM	L	Inner_1RB_Left	19.16	19.89	33	PASS
N25	15	5	DFT-256QAM	L	Inner_1RB_Right	19.01	19.74	33	PASS
N25	15	5	DFT-256QAM	L	Outer_Full	18.91	19.64	33	PASS
N25	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.43	24.16	33	PASS
N25	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.63	24.36	33	PASS
N25	15	5	DFT-PI2BPSK	M	Outer_Full	23.15	23.88	33	PASS
N25	15	5	DFT-QPSK	M	Inner_1RB_Left	23.33	24.06	33	PASS
N25	15	5	DFT-QPSK	M	Inner_1RB_Right	23.37	24.1	33	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	22.6	23.33	33	PASS
N25	15	5	DFT-16QAM	M	Inner_1RB_Left	22.35	23.08	33	PASS
N25	15	5	DFT-16QAM	M	Inner_1RB_Right	22.45	23.18	33	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	21.52	22.25	33	PASS
N25	15	5	DFT-64QAM	M	Inner_1RB_Left	20.89	21.62	33	PASS

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N25	15	5	DFT-64QAM	M	Inner_1RB_Right	20.84	21.57	33	PASS
N25	15	5	DFT-64QAM	M	Outer_Full	21.08	21.81	33	PASS
N25	15	5	DFT-256QAM	M	Inner_1RB_Left	19.4	20.13	33	PASS
N25	15	5	DFT-256QAM	M	Inner_1RB_Right	19.41	20.14	33	PASS
N25	15	5	DFT-256QAM	M	Outer_Full	18.94	19.67	33	PASS
N25	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.15	23.88	33	PASS
N25	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.19	23.92	33	PASS
N25	15	5	DFT-PI2BPSK	H	Outer_Full	22.89	23.62	33	PASS
N25	15	5	DFT-QPSK	H	Inner_1RB_Left	23.44	24.17	33	PASS
N25	15	5	DFT-QPSK	H	Inner_1RB_Right	23.3	24.03	33	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	22.49	23.22	33	PASS
N25	15	5	DFT-16QAM	H	Inner_1RB_Left	22.22	22.95	33	PASS
N25	15	5	DFT-16QAM	H	Inner_1RB_Right	22.22	22.95	33	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	21.55	22.28	33	PASS
N25	15	5	DFT-64QAM	H	Inner_1RB_Left	20.68	21.41	33	PASS
N25	15	5	DFT-64QAM	H	Inner_1RB_Right	20.91	21.64	33	PASS
N25	15	5	DFT-64QAM	H	Outer_Full	20.94	21.67	33	PASS
N25	15	5	DFT-256QAM	H	Inner_1RB_Left	19.14	19.87	33	PASS
N25	15	5	DFT-256QAM	H	Inner_1RB_Right	19.14	19.87	33	PASS
N25	15	5	DFT-256QAM	H	Outer_Full	18.89	19.62	33	PASS
N25	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.37	24.1	33	PASS
N25	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.36	24.09	33	PASS
N25	15	10	DFT-PI2BPSK	L	Outer_Full	22.97	23.7	33	PASS
N25	15	10	DFT-QPSK	L	Inner_1RB_Left	23.19	23.92	33	PASS
N25	15	10	DFT-QPSK	L	Inner_1RB_Right	23.26	23.99	33	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	22.55	23.28	33	PASS
N25	15	10	DFT-16QAM	L	Inner_1RB_Left	22.02	22.75	33	PASS
N25	15	10	DFT-16QAM	L	Inner_1RB_Right	22.26	22.99	33	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	21.41	22.14	33	PASS
N25	15	10	DFT-64QAM	L	Inner_1RB_Left	20.64	21.37	33	PASS
N25	15	10	DFT-64QAM	L	Inner_1RB_Right	20.7	21.43	33	PASS

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N25	15	10	DFT-64QAM	L	Outer_Full	20.93	21.66	33	PASS
N25	15	10	DFT-256QAM	L	Inner_1RB_Left	19.03	19.76	33	PASS
N25	15	10	DFT-256QAM	L	Inner_1RB_Right	19.05	19.78	33	PASS
N25	15	10	DFT-256QAM	L	Outer_Full	19.02	19.75	33	PASS
N25	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.56	24.29	33	PASS
N25	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.53	24.26	33	PASS
N25	15	10	DFT-PI2BPSK	M	Outer_Full	23.15	23.88	33	PASS
N25	15	10	DFT-QPSK	M	Inner_1RB_Left	23.51	24.24	33	PASS
N25	15	10	DFT-QPSK	M	Inner_1RB_Right	23.37	24.1	33	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	22.94	23.67	33	PASS
N25	15	10	DFT-16QAM	M	Inner_1RB_Left	22.78	23.51	33	PASS
N25	15	10	DFT-16QAM	M	Inner_1RB_Right	22.79	23.52	33	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	22.76	23.49	33	PASS
N25	15	10	DFT-64QAM	M	Inner_1RB_Left	21.56	22.29	33	PASS
N25	15	10	DFT-64QAM	M	Inner_1RB_Right	21.74	22.47	33	PASS
N25	15	10	DFT-64QAM	M	Outer_Full	20.53	21.26	33	PASS
N25	15	10	DFT-256QAM	M	Inner_1RB_Left	20.16	20.89	33	PASS
N25	15	10	DFT-256QAM	M	Inner_1RB_Right	19.74	20.47	33	PASS
N25	15	10	DFT-256QAM	M	Outer_Full	19.4	20.13	33	PASS
N25	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.4	24.13	33	PASS
N25	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.24	23.97	33	PASS
N25	15	10	DFT-PI2BPSK	H	Outer_Full	23.03	23.76	33	PASS
N25	15	10	DFT-QPSK	H	Inner_1RB_Left	23.23	23.96	33	PASS
N25	15	10	DFT-QPSK	H	Inner_1RB_Right	23.3	24.03	33	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	22.42	23.15	33	PASS
N25	15	10	DFT-16QAM	H	Inner_1RB_Left	22.27	23	33	PASS
N25	15	10	DFT-16QAM	H	Inner_1RB_Right	22.19	22.92	33	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	21.47	22.2	33	PASS
N25	15	10	DFT-64QAM	H	Inner_1RB_Left	20.71	21.44	33	PASS
N25	15	10	DFT-64QAM	H	Inner_1RB_Right	20.91	21.64	33	PASS
N25	15	10	DFT-64QAM	H	Outer_Full	20.84	21.57	33	PASS

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N25	15	10	DFT-256QAM	H	Inner_1RB_Left	19.04	19.77	33	PASS
N25	15	10	DFT-256QAM	H	Inner_1RB_Right	19.24	19.97	33	PASS
N25	15	10	DFT-256QAM	H	Outer_Full	18.88	19.61	33	PASS
N25	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.31	24.04	33	PASS
N25	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.25	23.98	33	PASS
N25	15	15	DFT-PI2BPSK	L	Outer_Full	22.93	23.66	33	PASS
N25	15	15	DFT-QPSK	L	Inner_1RB_Left	23.32	24.05	33	PASS
N25	15	15	DFT-QPSK	L	Inner_1RB_Right	23.38	24.11	33	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	22.47	23.2	33	PASS
N25	15	15	DFT-16QAM	L	Inner_1RB_Left	22.24	22.97	33	PASS
N25	15	15	DFT-16QAM	L	Inner_1RB_Right	22.26	22.99	33	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	21.51	22.24	33	PASS
N25	15	15	DFT-64QAM	L	Inner_1RB_Left	20.74	21.47	33	PASS
N25	15	15	DFT-64QAM	L	Inner_1RB_Right	20.78	21.51	33	PASS
N25	15	15	DFT-64QAM	L	Outer_Full	20.94	21.67	33	PASS
N25	15	15	DFT-256QAM	L	Inner_1RB_Left	19.1	19.83	33	PASS
N25	15	15	DFT-256QAM	L	Inner_1RB_Right	19.17	19.9	33	PASS
N25	15	15	DFT-256QAM	L	Outer_Full	18.77	19.5	33	PASS
N25	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.48	24.21	33	PASS
N25	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.39	24.12	33	PASS
N25	15	15	DFT-PI2BPSK	M	Outer_Full	23.24	23.97	33	PASS
N25	15	15	DFT-QPSK	M	Inner_1RB_Left	23.53	24.26	33	PASS
N25	15	15	DFT-QPSK	M	Inner_1RB_Right	23.27	24	33	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	23.45	24.18	33	PASS
N25	15	15	DFT-16QAM	M	Inner_1RB_Left	22.76	23.49	33	PASS
N25	15	15	DFT-16QAM	M	Inner_1RB_Right	22.6	23.33	33	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	22.69	23.42	33	PASS
N25	15	15	DFT-64QAM	M	Inner_1RB_Left	22.85	23.58	33	PASS
N25	15	15	DFT-64QAM	M	Inner_1RB_Right	21.74	22.47	33	PASS
N25	15	15	DFT-64QAM	M	Outer_Full	21.57	22.3	33	PASS
N25	15	15	DFT-256QAM	M	Inner_1RB_Left	21.7	22.43	33	PASS

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N25	15	15	DFT-256QAM	M	Outer_Full	19.56	20.29	33	PASS
N25	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.07	23.8	33	PASS
N25	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.17	23.9	33	PASS
N25	15	15	DFT-PI2BPSK	H	Outer_Full	23.02	23.75	33	PASS
N25	15	15	DFT-QPSK	H	Inner_1RB_Left	23.31	24.04	33	PASS
N25	15	15	DFT-QPSK	H	Inner_1RB_Right	23.42	24.15	33	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	22.51	23.24	33	PASS
N25	15	15	DFT-16QAM	H	Inner_1RB_Left	22.19	22.92	33	PASS
N25	15	15	DFT-16QAM	H	Inner_1RB_Right	22.23	22.96	33	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	21.53	22.26	33	PASS
N25	15	15	DFT-64QAM	H	Inner_1RB_Left	20.62	21.35	33	PASS
N25	15	15	DFT-64QAM	H	Inner_1RB_Right	20.94	21.67	33	PASS
N25	15	15	DFT-64QAM	H	Outer_Full	21.08	21.81	33	PASS
N25	15	15	DFT-256QAM	H	Inner_1RB_Left	19.17	19.9	33	PASS
N25	15	15	DFT-256QAM	H	Inner_1RB_Right	19.17	19.9	33	PASS
N25	15	15	DFT-256QAM	H	Outer_Full	18.92	19.65	33	PASS
N25	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.49	24.22	33	PASS
N25	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.52	24.25	33	PASS
N25	15	20	DFT-PI2BPSK	L	Outer_Full	22.96	23.69	33	PASS
N25	15	20	DFT-QPSK	L	Inner_1RB_Left	23.22	23.95	33	PASS
N25	15	20	DFT-QPSK	L	Inner_1RB_Right	23.41	24.14	33	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	23.53	24.26	33	PASS
N25	15	20	DFT-16QAM	L	Inner_1RB_Left	22.71	23.44	33	PASS
N25	15	20	DFT-16QAM	L	Inner_1RB_Right	22.53	23.26	33	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	22.24	22.97	33	PASS
N25	15	20	DFT-64QAM	L	Inner_1RB_Left	21.42	22.15	33	PASS
N25	15	20	DFT-64QAM	L	Inner_1RB_Right	21.54	22.27	33	PASS
N25	15	20	DFT-64QAM	L	Outer_Full	21.12	21.85	33	PASS
N25	15	20	DFT-256QAM	L	Inner_1RB_Left	19.4	20.13	33	PASS
N25	15	20	DFT-256QAM	L	Inner_1RB_Right	18.89	19.62	33	PASS

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N25	15	20	DFT-256QAM	L	Outer_Full	18.69	19.42	33	PASS
N25	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.54	24.27	33	PASS
N25	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.34	24.07	33	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	23.26	23.99	33	PASS
N25	15	20	DFT-QPSK	M	Inner_1RB_Left	23.39	24.12	33	PASS
N25	15	20	DFT-QPSK	M	Inner_1RB_Right	23.3	24.03	33	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	22.61	23.34	33	PASS
N25	15	20	DFT-16QAM	M	Inner_1RB_Left	22.34	23.07	33	PASS
N25	15	20	DFT-16QAM	M	Inner_1RB_Right	22.39	23.12	33	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	21.58	22.31	33	PASS
N25	15	20	DFT-64QAM	M	Inner_1RB_Left	21.05	21.78	33	PASS
N25	15	20	DFT-64QAM	M	Inner_1RB_Right	21.04	21.77	33	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	21.08	21.81	33	PASS
N25	15	20	DFT-256QAM	M	Inner_1RB_Left	19.36	20.09	33	PASS
N25	15	20	DFT-256QAM	M	Inner_1RB_Right	19.27	20	33	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	19.22	19.95	33	PASS
N25	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.38	24.11	33	PASS
N25	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.26	23.99	33	PASS
N25	15	20	DFT-PI2BPSK	H	Outer_Full	23.17	23.9	33	PASS
N25	15	20	DFT-QPSK	H	Inner_1RB_Left	23.3	24.03	33	PASS
N25	15	20	DFT-QPSK	H	Inner_1RB_Right	23.28	24.01	33	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	23.65	24.38	33	PASS
N25	15	20	DFT-16QAM	H	Inner_1RB_Left	22.83	23.56	33	PASS
N25	15	20	DFT-16QAM	H	Inner_1RB_Right	22.74	23.47	33	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	22.65	23.38	33	PASS
N25	15	20	DFT-64QAM	H	Inner_1RB_Left	21.48	22.21	33	PASS
N25	15	20	DFT-64QAM	H	Inner_1RB_Right	21.38	22.11	33	PASS
N25	15	20	DFT-64QAM	H	Outer_Full	21.94	22.67	33	PASS
N25	15	20	DFT-256QAM	H	Inner_1RB_Left	19.54	20.27	33	PASS
N25	15	20	DFT-256QAM	H	Inner_1RB_Right	19.5	20.23	33	PASS
N25	15	20	DFT-256QAM	H	Outer_Full	18.97	19.7	33	PASS

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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Resul

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1 (dBm)	Power Ant7 (dBm)	Total Power (dBm)	EIRP (dBm)	Verdict
N25	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	20.52	20.61	23.58	24.31	PASS
N25	15	5	DFT-16QAM	L	Inner_1RB_Left	19.27	19.52	22.41	23.14	PASS
N25	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	20.64	20.69	23.68	24.41	PASS
N25	15	5	DFT-16QAM	M	Inner_1RB_Left	19.40	19.47	22.45	23.18	PASS
N25	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	20.43	20.95	23.71	24.44	PASS
N25	15	5	DFT-16QAM	H	Inner_1RB_Left	19.21	19.73	22.49	23.22	PASS
N25	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	20.51	20.71	23.62	24.35	PASS
N25	15	10	DFT-16QAM	L	Inner_1RB_Left	19.27	19.51	22.40	23.13	PASS
N25	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	20.67	20.84	23.77	24.50	PASS
N25	15	10	DFT-16QAM	M	Inner_1RB_Left	19.41	19.52	22.48	23.21	PASS
N25	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	20.57	20.72	23.66	24.39	PASS
N25	15	10	DFT-16QAM	H	Inner_1RB_Left	19.36	19.54	22.46	23.19	PASS
N25	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	20.47	20.74	23.62	24.35	PASS
N25	15	15	DFT-16QAM	L	Inner_1RB_Left	19.28	19.36	22.33	23.06	PASS

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N25	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	20.77	20.69	23.74	24.47	PASS
N25	15	15	DFT-16QAM	M	Inner_1RB_Left	19.52	19.58	22.56	23.29	PASS
N25	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	20.69	20.72	23.72	24.45	PASS
N25	15	15	DFT-16QAM	H	Inner_1RB_Left	19.42	19.55	22.50	23.23	PASS
N25	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	20.56	20.65	23.62	24.35	PASS
N25	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	20.69	20.89	23.80	24.53	PASS
N25	15	20	DFT-PI2BPSK	L	Outer_Full	19.89	20.21	23.06	23.79	PASS
N25	15	20	DFT-QPSK	L	Inner_1RB_Left	20.65	20.71	23.69	24.42	PASS
N25	15	20	DFT-QPSK	L	Inner_1RB_Right	20.77	20.92	23.86	24.59	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	19.77	20.14	22.97	23.70	PASS
N25	15	20	DFT-16QAM	L	Inner_1RB_Left	19.63	19.76	22.71	23.44	PASS
N25	15	20	DFT-16QAM	L	Inner_1RB_Right	19.32	19.47	22.41	23.14	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	18.52	18.83	21.69	22.42	PASS
N25	15	20	DFT-64QAM	L	Inner_1RB_Left	18.20	18.18	21.20	21.93	PASS
N25	15	20	DFT-64QAM	L	Inner_1RB_Right	18.23	18.43	21.34	22.07	PASS
N25	15	20	DFT-64QAM	L	Outer_Full	18.11	18.25	21.19	21.92	PASS
N25	15	20	DFT-256QAM	L	Inner_1RB_Left	16.26	16.23	19.26	19.99	PASS
N25	15	20	DFT-256QAM	L	Inner_1RB_Right	16.37	16.56	19.48	20.21	PASS
N25	15	20	DFT-	L	Outer_Full	16.20	16.46	19.34	20.07	PAS

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			256QAM							S
N25	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	20.66	20.71	23.70	24.43	PASS
N25	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	20.53	20.81	23.68	24.41	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	19.66	19.87	22.78	23.51	PASS
N25	15	20	DFT-QPSK	M	Inner_1RB_Left	20.54	20.69	23.63	24.36	PASS
N25	15	20	DFT-QPSK	M	Inner_1RB_Right	20.41	20.59	23.51	24.24	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	19.59	19.78	22.70	23.43	PASS
N25	15	20	DFT-16QAM	M	Inner_1RB_Left	19.50	19.60	22.56	23.29	PASS
N25	15	20	DFT-16QAM	M	Inner_1RB_Right	19.27	19.96	22.64	23.37	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	18.76	18.69	21.74	22.47	PASS
N25	15	20	DFT-64QAM	M	Inner_1RB_Left	18.00	18.57	21.30	22.03	PASS
N25	15	20	DFT-64QAM	M	Inner_1RB_Right	18.20	18.45	21.34	22.07	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	18.32	18.26	21.30	22.03	PASS
N25	15	20	DFT-256QAM	M	Inner_1RB_Left	16.47	16.56	19.53	20.26	PASS
N25	15	20	DFT-256QAM	M	Inner_1RB_Right	16.28	16.69	19.50	20.23	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	16.40	16.44	19.43	20.16	PASS
N25	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	20.63	20.87	23.76	24.49	PASS
N25	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	20.68	20.80	23.75	24.48	PASS
N25	15	20	DFT-PI2BPSK	H	Outer_Full	19.75	19.78	22.78	23.51	PASS

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N25	15	20	DFT-QPSK	H	Inner_1RB_Left	20.53	20.69	23.62	24.35	PASS
N25	15	20	DFT-QPSK	H	Inner_1RB_Right	20.62	20.78	23.71	24.44	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	19.64	19.77	22.72	23.45	PASS
N25	15	20	DFT-16QAM	H	Inner_1RB_Left	19.43	19.67	22.56	23.29	PASS
N25	15	20	DFT-16QAM	H	Inner_1RB_Right	19.37	19.53	22.46	23.19	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	18.78	18.67	21.74	22.47	PASS
N25	15	20	DFT-64QAM	H	Inner_1RB_Left	18.21	18.51	21.37	22.10	PASS
N25	15	20	DFT-64QAM	H	Inner_1RB_Right	18.21	18.48	21.36	22.09	PASS
N25	15	20	DFT-64QAM	H	Outer_Full	18.29	18.31	21.31	22.04	PASS
N25	15	20	DFT-256QAM	H	Inner_1RB_Left	16.37	16.44	19.42	20.15	PASS
N25	15	20	DFT-256QAM	H	Inner_1RB_Right	16.28	16.58	19.44	20.17	PASS
N25	15	20	DFT-256QAM	H	Outer_Full	16.38	16.41	19.41	20.14	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
N25	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	9.62	≤13	PASS
N25	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.26	≤13	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.89	≤13	PASS
N25	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.71	≤13	PASS
N25	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.78	≤13	PASS
N25	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.50	≤13	PASS

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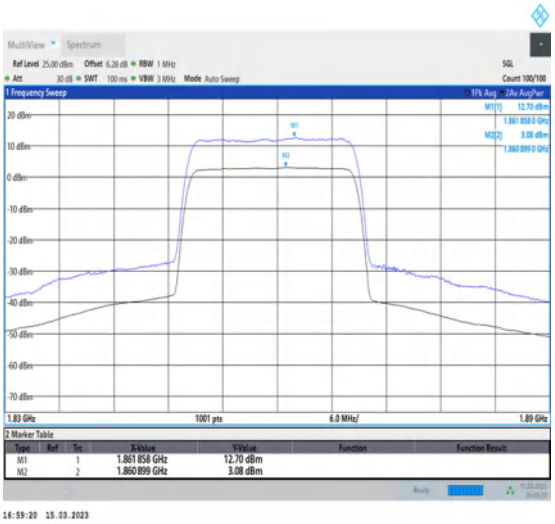
Test Graphs



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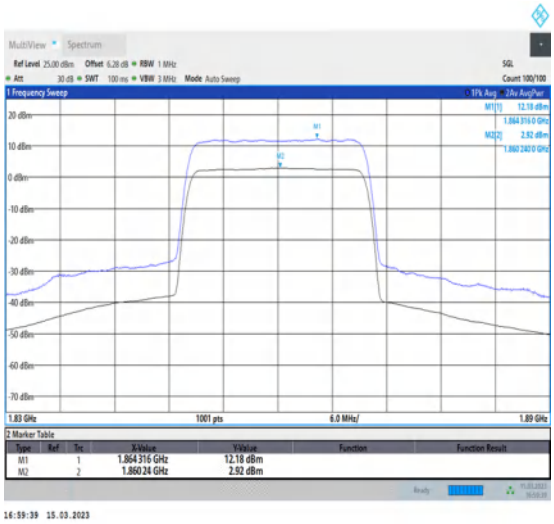
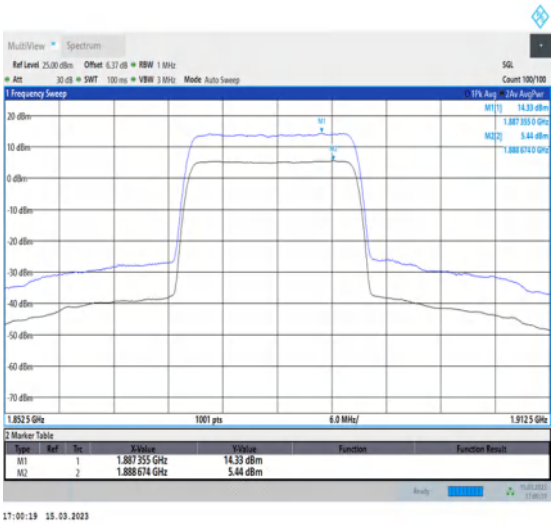
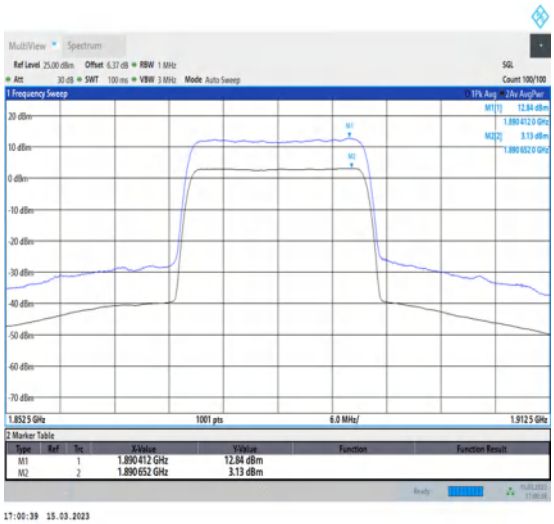


1-N25-PC3-15-20-L-2-CP-256QAM-Outer_Full-106@0-Ant1-9.26-100%-0.00-9.26-PASS-≤13



1-N25-PC3-15-20-M-1-DFT-256QAM-Outer_Full-100@0-Ant1-8.89-100%-0.00-8.89-PASS-≤13



1-N25-PC3-15-20-M-2-CP-256QAM-Outer_Full-106@0-Ant1-9.71-100%-0.00-9.71-PASS-≤13

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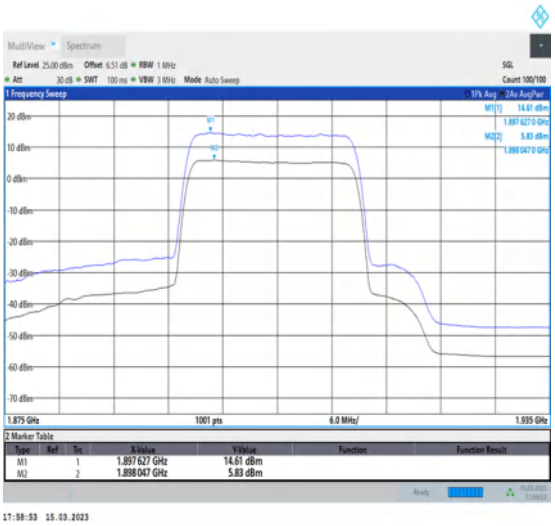	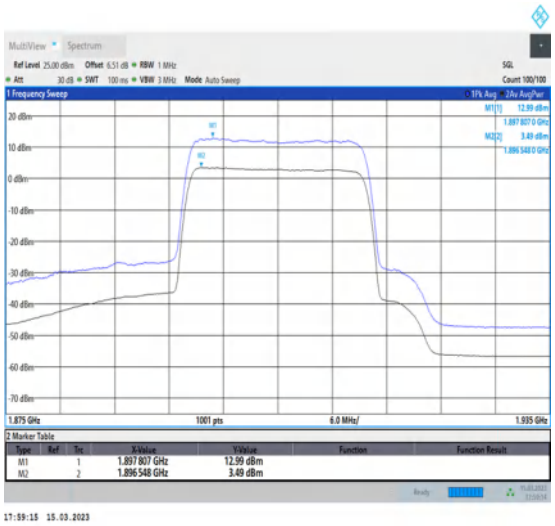
1-N25-PC3-15-20-H-1-DFT-256QAM-Outer_Full-100@0-Ant1-8.78-100%-0.00-8.78-PASS-≤13	1-N25-PC3-15-20-H-2-CP-256QAM-Outer_Full-106@0-Ant1-9.50-100%-0.00-9.50-PASS-≤13

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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
N25	15	5	DFT-QPSK	L	Outer_Full	4.485	4.820	PASS
N25	15	5	DFT-PI2BPSK	L	Outer_Full	4.48	4.810	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	4.467	4.810	PASS
N25	15	5	DFT-64QAM	L	Outer_Full	4.473	4.870	PASS
N25	15	5	DFT-256QAM	L	Outer_Full	4.468	4.810	PASS
N25	15	5	CP-QPSK	L	Outer_Full	4.473	5.450	PASS
N25	15	5	CP-16QAM	L	Outer_Full	4.47	4.820	PASS
N25	15	5	CP-64QAM	L	Outer_Full	4.476	4.770	PASS
N25	15	5	CP-256QAM	L	Outer_Full	4.468	4.850	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	4.485	4.820	PASS
N25	15	5	DFT-PI2BPSK	M	Outer_Full	4.475	4.810	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	4.457	4.820	PASS
N25	15	5	DFT-64QAM	M	Outer_Full	4.474	4.780	PASS
N25	15	5	DFT-256QAM	M	Outer_Full	4.473	4.870	PASS
N25	15	5	CP-QPSK	M	Outer_Full	4.467	5.540	PASS
N25	15	5	CP-16QAM	M	Outer_Full	4.475	4.760	PASS
N25	15	5	CP-64QAM	M	Outer_Full	4.486	4.810	PASS
N25	15	5	CP-256QAM	M	Outer_Full	4.459	4.780	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	4.47	4.780	PASS
N25	15	5	DFT-PI2BPSK	H	Outer_Full	4.46	4.800	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	4.461	4.790	PASS
N25	15	5	DFT-64QAM	H	Outer_Full	4.483	4.850	PASS
N25	15	5	DFT-256QAM	H	Outer_Full	4.459	4.840	PASS
N25	15	5	CP-QPSK	H	Outer_Full	4.461	4.860	PASS
N25	15	5	CP-16QAM	H	Outer_Full	4.476	4.810	PASS
N25	15	5	CP-64QAM	H	Outer_Full	4.484	4.790	PASS
N25	15	5	CP-256QAM	H	Outer_Full	4.464	4.830	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	8.94	9.400	PASS
N25	15	10	DFT-PI2BPSK	L	Outer_Full	8.903	9.300	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	8.938	9.360	PASS

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N25	15	10	DFT-64QAM	L	Outer_Full	8.929	9.460	PASS
N25	15	10	DFT-256QAM	L	Outer_Full	8.936	9.460	PASS
N25	15	10	CP-QPSK	L	Outer_Full	9.28	9.740	PASS
N25	15	10	CP-16QAM	L	Outer_Full	9.277	9.760	PASS
N25	15	10	CP-64QAM	L	Outer_Full	9.27	9.760	PASS
N25	15	10	CP-256QAM	L	Outer_Full	9.291	9.760	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	8.921	9.400	PASS
N25	15	10	DFT-PI2BPSK	M	Outer_Full	8.948	9.360	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	8.928	9.420	PASS
N25	15	10	DFT-64QAM	M	Outer_Full	8.927	9.440	PASS
N25	15	10	DFT-256QAM	M	Outer_Full	8.932	9.440	PASS
N25	15	10	CP-QPSK	M	Outer_Full	9.289	9.740	PASS
N25	15	10	CP-16QAM	M	Outer_Full	9.277	9.760	PASS
N25	15	10	CP-64QAM	M	Outer_Full	9.298	9.760	PASS
N25	15	10	CP-256QAM	M	Outer_Full	9.271	9.740	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	8.912	9.360	PASS
N25	15	10	DFT-PI2BPSK	H	Outer_Full	8.891	9.320	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	8.914	9.420	PASS
N25	15	10	DFT-64QAM	H	Outer_Full	8.912	9.360	PASS
N25	15	10	DFT-256QAM	H	Outer_Full	8.915	9.400	PASS
N25	15	10	CP-QPSK	H	Outer_Full	9.27	9.740	PASS
N25	15	10	CP-16QAM	H	Outer_Full	9.271	9.760	PASS
N25	15	10	CP-64QAM	H	Outer_Full	9.247	9.780	PASS
N25	15	10	CP-256QAM	H	Outer_Full	9.268	9.780	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	13.429	14.070	PASS
N25	15	15	DFT-PI2BPSK	L	Outer_Full	13.414	14.070	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	13.434	14.040	PASS
N25	15	15	DFT-64QAM	L	Outer_Full	13.397	14.070	PASS
N25	15	15	DFT-256QAM	L	Outer_Full	13.44	14.160	PASS
N25	15	15	CP-QPSK	L	Outer_Full	14.143	14.760	PASS
N25	15	15	CP-16QAM	L	Outer_Full	14.109	14.760	PASS
N25	15	15	CP-64QAM	L	Outer_Full	14.078	14.850	PASS
N25	15	15	CP-256QAM	L	Outer_Full	14.142	14.730	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	13.446	14.130	PASS
N25	15	15	DFT-PI2BPSK	M	Outer_Full	13.435	14.100	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	13.433	14.160	PASS
N25	15	15	DFT-64QAM	M	Outer_Full	13.427	14.070	PASS

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N25	15	15	DFT-256QAM	M	Outer_Full	13.46	14.130	PASS
N25	15	15	CP-QPSK	M	Outer_Full	14.141	14.820	PASS
N25	15	15	CP-16QAM	M	Outer_Full	14.11	14.790	PASS
N25	15	15	CP-64QAM	M	Outer_Full	14.108	14.790	PASS
N25	15	15	CP-256QAM	M	Outer_Full	14.133	14.910	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	13.407	14.130	PASS
N25	15	15	DFT-PI2BPSK	H	Outer_Full	13.423	14.130	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	13.426	14.100	PASS
N25	15	15	DFT-64QAM	H	Outer_Full	13.383	14.160	PASS
N25	15	15	DFT-256QAM	H	Outer_Full	13.434	14.040	PASS
N25	15	15	CP-QPSK	H	Outer_Full	14.079	14.760	PASS
N25	15	15	CP-16QAM	H	Outer_Full	14.093	14.820	PASS
N25	15	15	CP-64QAM	H	Outer_Full	14.083	14.850	PASS
N25	15	15	CP-256QAM	H	Outer_Full	14.106	14.790	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	17.848	18.600	PASS
N25	15	20	DFT-PI2BPSK	L	Outer_Full	17.854	18.520	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	17.863	18.600	PASS
N25	15	20	DFT-64QAM	L	Outer_Full	17.848	18.640	PASS
N25	15	20	DFT-256QAM	L	Outer_Full	17.901	18.640	PASS
N25	15	20	CP-QPSK	L	Outer_Full	18.93	19.840	PASS
N25	15	20	CP-16QAM	L	Outer_Full	18.892	19.680	PASS
N25	15	20	CP-64QAM	L	Outer_Full	18.914	19.760	PASS
N25	15	20	CP-256QAM	L	Outer_Full	18.889	19.680	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	17.864	18.680	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	17.885	18.720	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	17.895	18.680	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	17.881	18.640	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	17.885	18.680	PASS
N25	15	20	CP-QPSK	M	Outer_Full	18.965	19.760	PASS
N25	15	20	CP-16QAM	M	Outer_Full	18.856	19.720	PASS
N25	15	20	CP-64QAM	M	Outer_Full	18.939	19.720	PASS
N25	15	20	CP-256QAM	M	Outer_Full	18.948	19.720	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	17.856	18.680	PASS
N25	15	20	DFT-PI2BPSK	H	Outer_Full	17.862	18.560	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	17.874	18.640	PASS
N25	15	20	DFT-64QAM	H	Outer_Full	17.871	18.520	PASS
N25	15	20	DFT-256QAM	H	Outer_Full	17.84	18.720	PASS

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N25	15	20	CP-QPSK	H	Outer_Full	18.949	19.760	PASS
N25	15	20	CP-16QAM	H	Outer_Full	18.865	19.760	PASS
N25	15	20	CP-64QAM	H	Outer_Full	18.893	19.720	PASS
N25	15	20	CP-256QAM	H	Outer_Full	18.929	19.840	PASS

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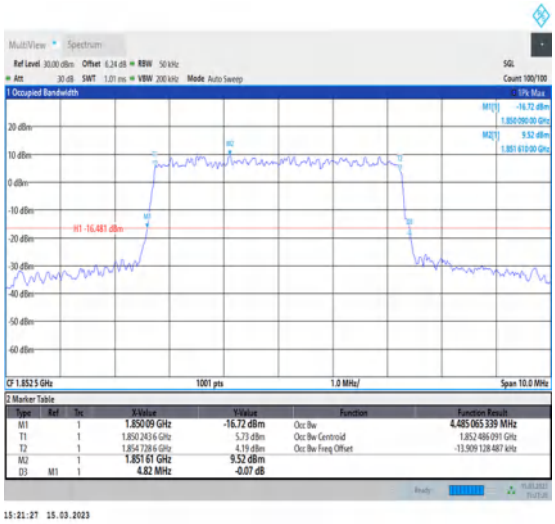
Test Graphs



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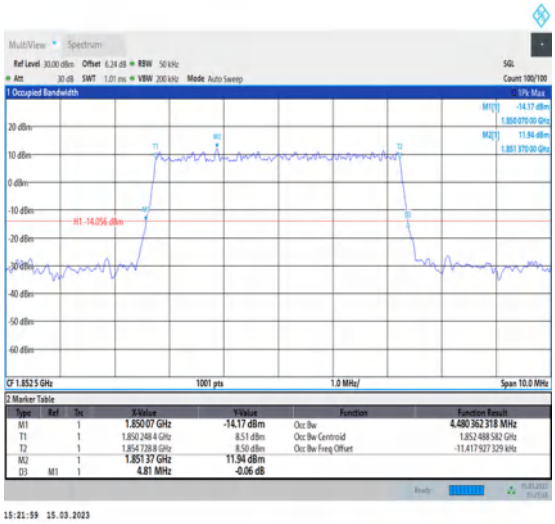

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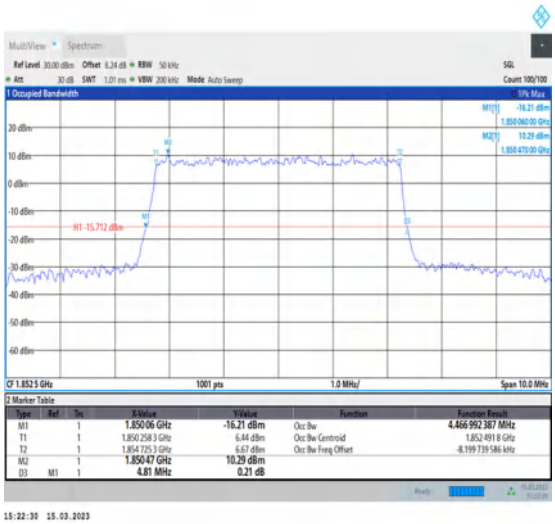

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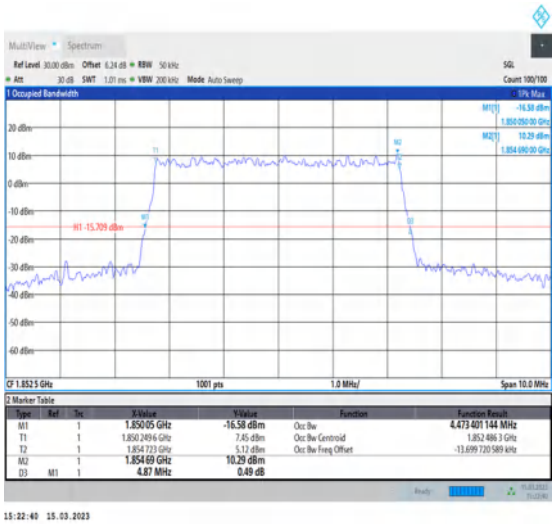

1-N25-PC3-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.473-4.870-≤5-PASS

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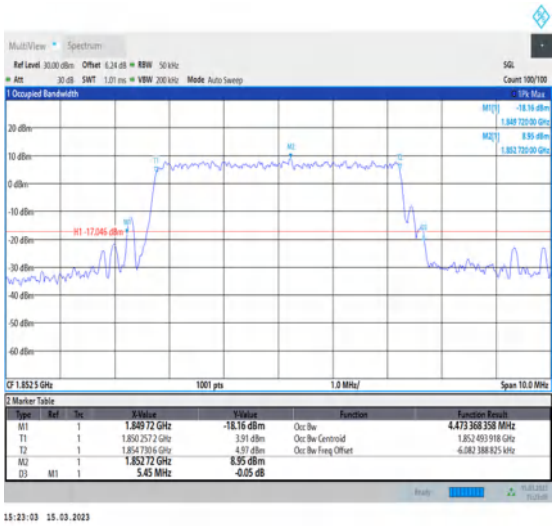
1-N25-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.468-4.810-≤5-PASS



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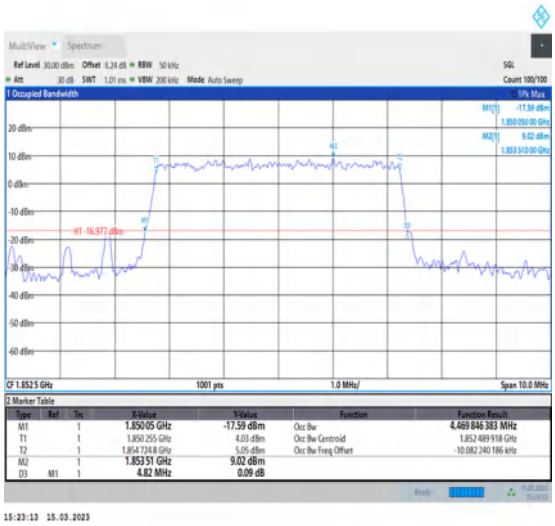

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1-N25-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.476-4.770-≤5-PASS

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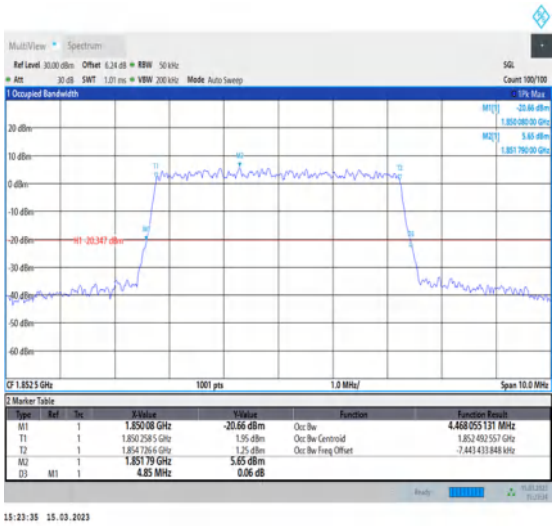

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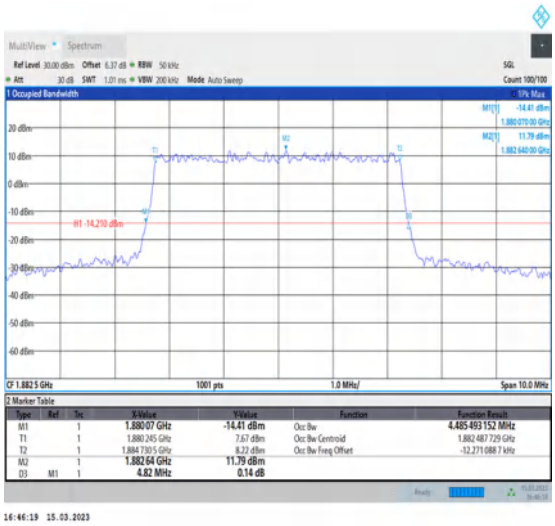

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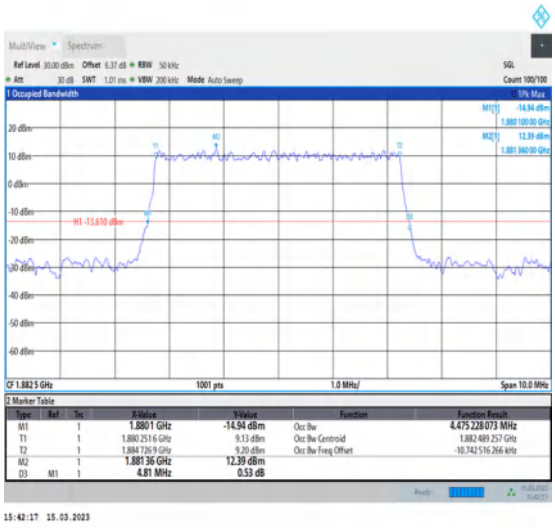

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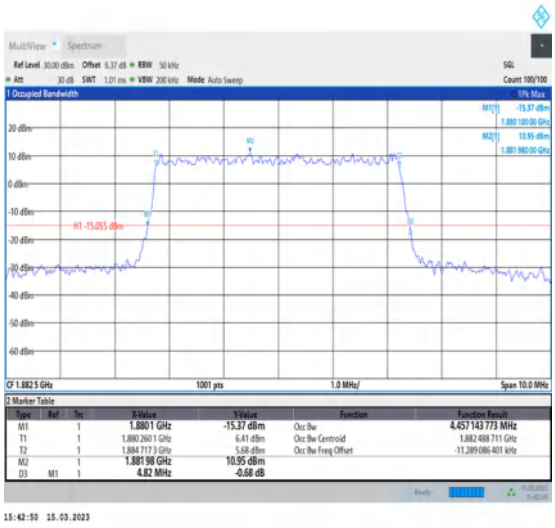

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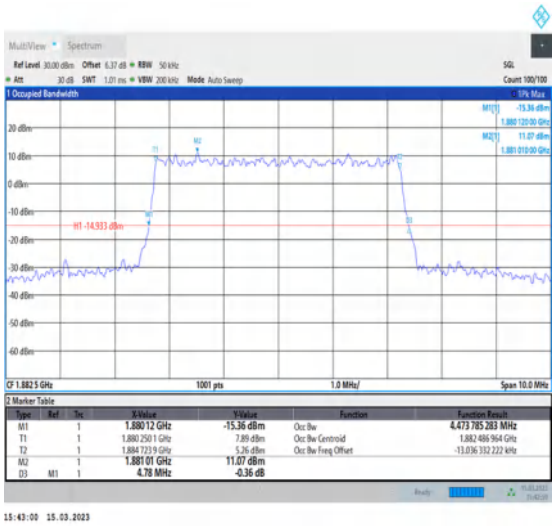

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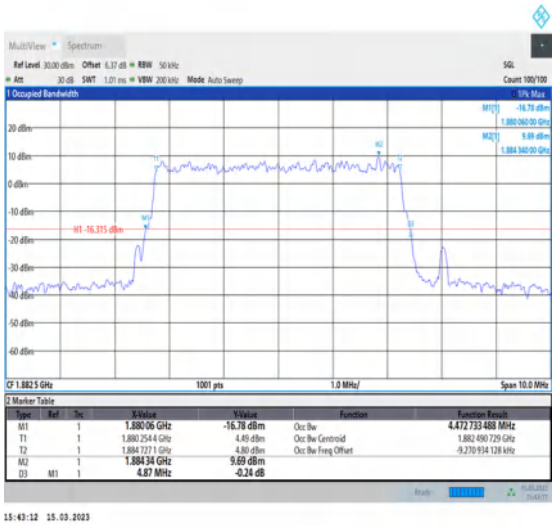

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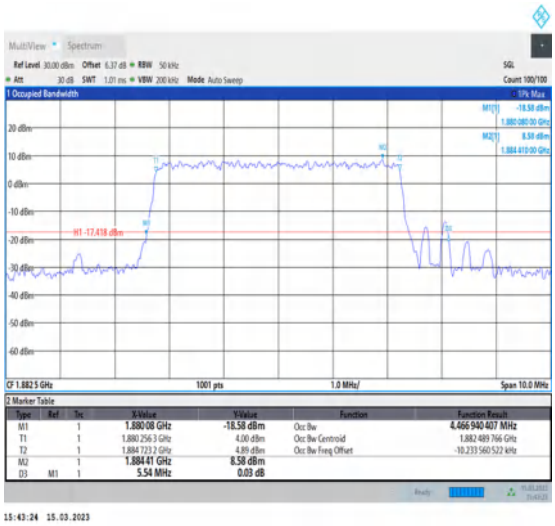

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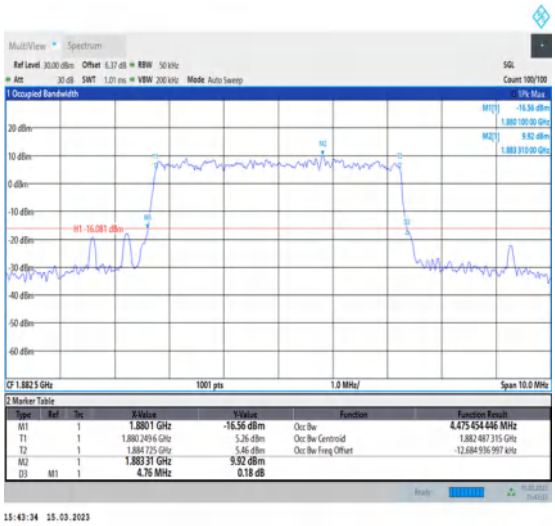

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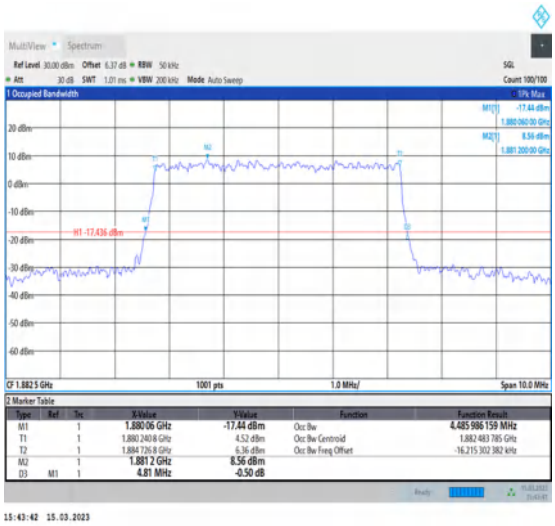

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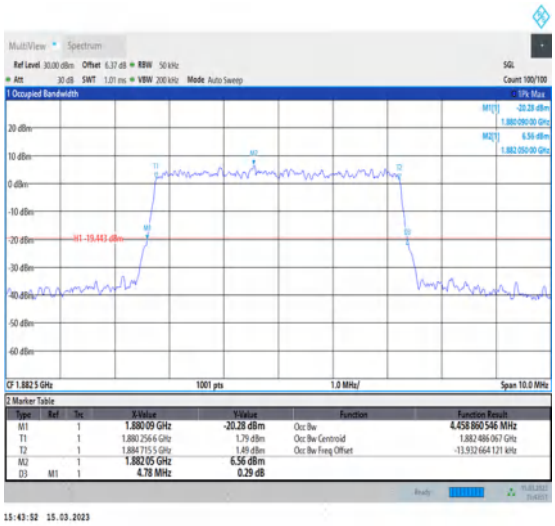

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1-N25-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.47-4.780-≤5-PASS

1-N25-PC3-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.46-4.800-≤5-PASS

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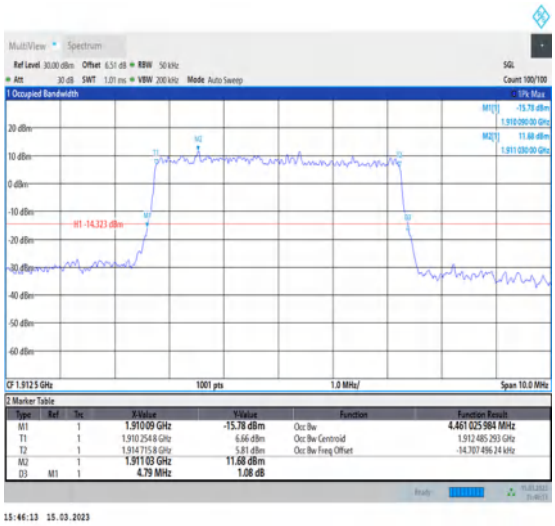

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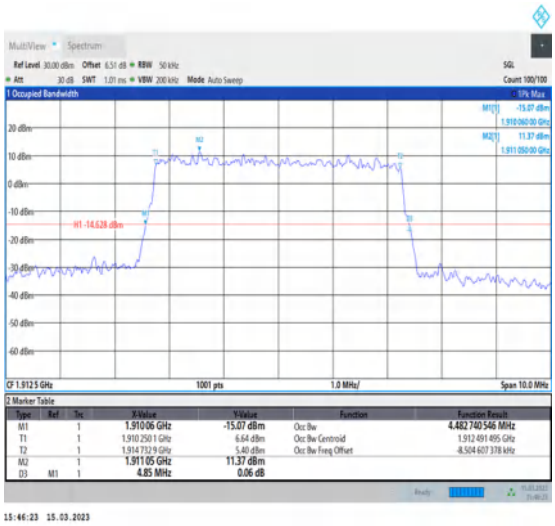

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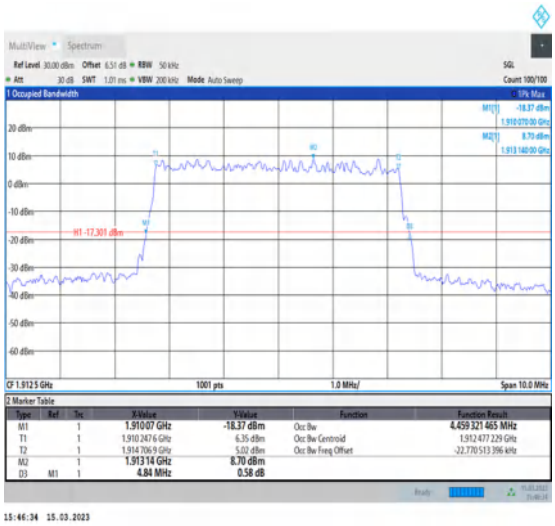

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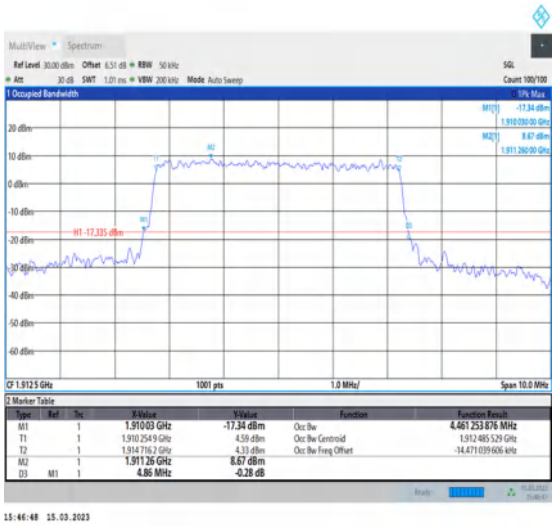

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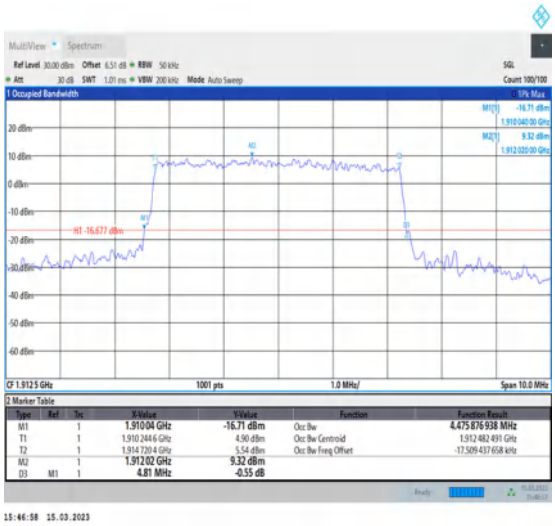

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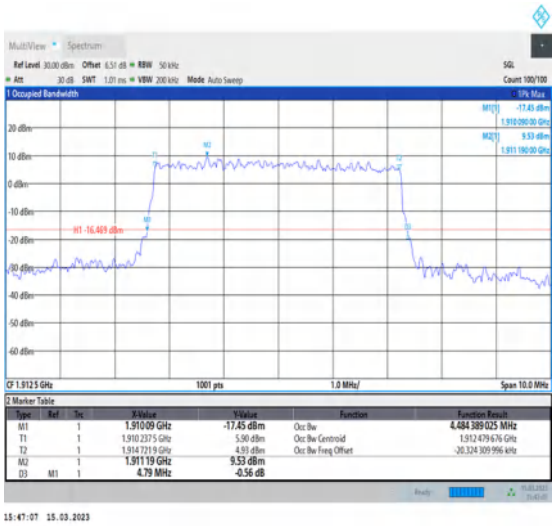

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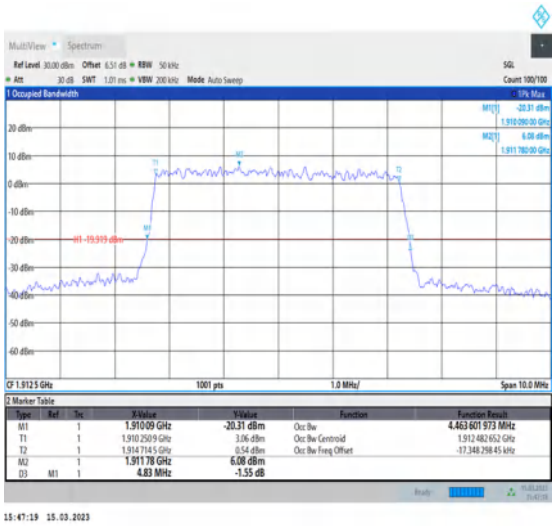

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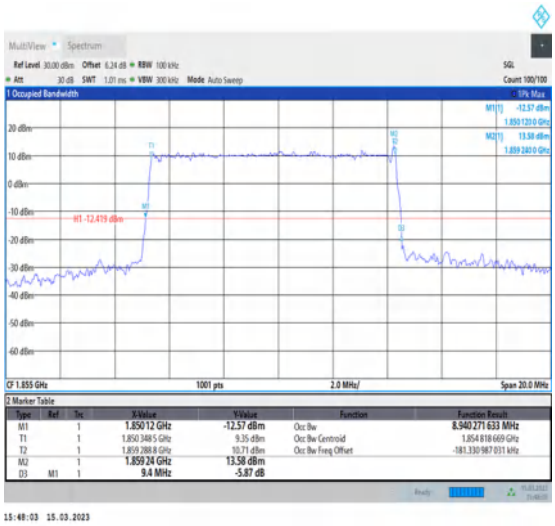

1-N25-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.94-9.400-≤10-PASS

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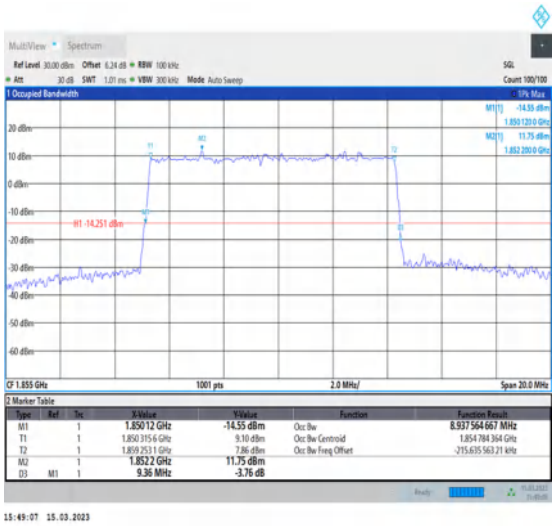

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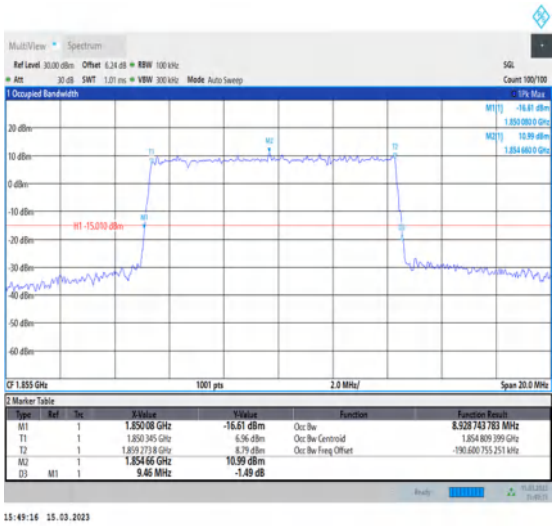

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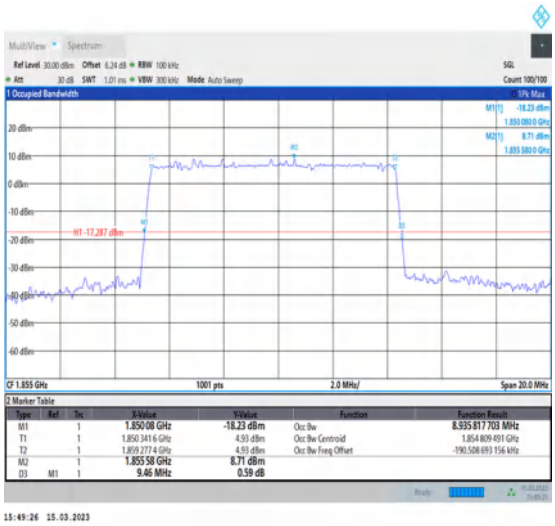

1-N25-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.936-9.460-≤10-PASS

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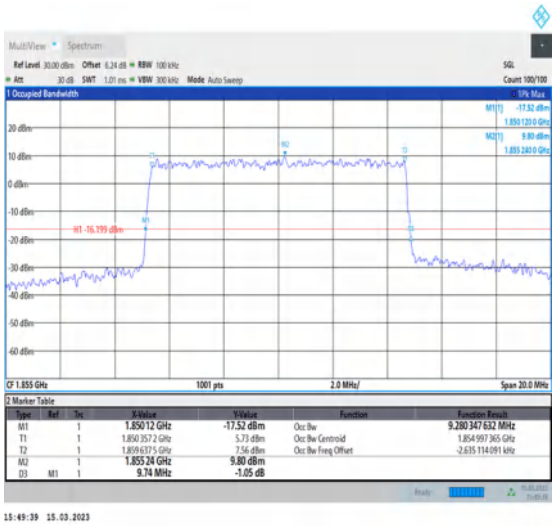

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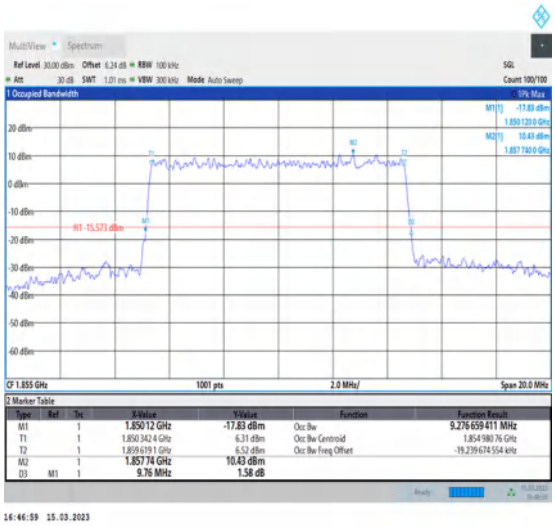

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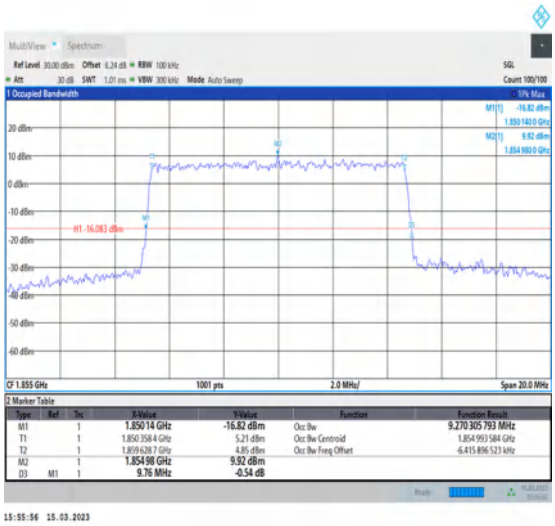

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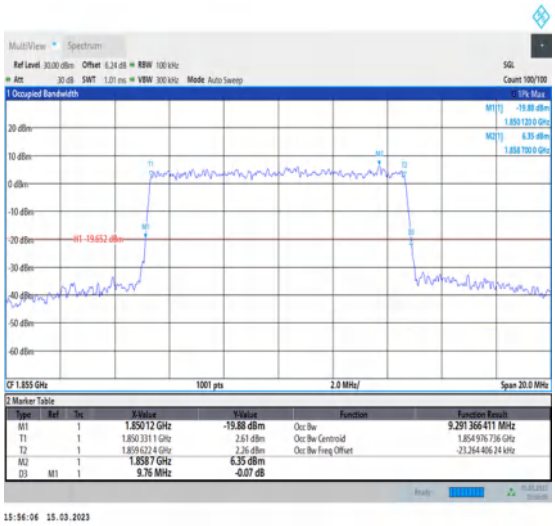

1-N25-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.291-9.760-≤10-PASS

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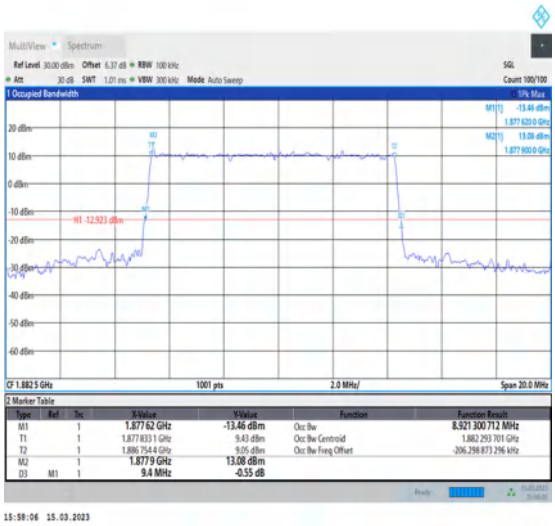

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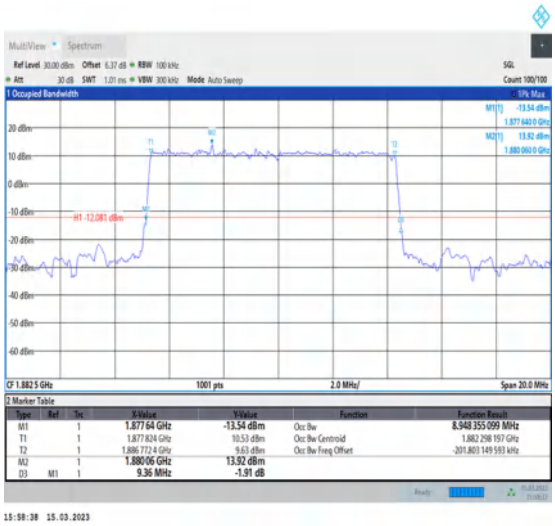

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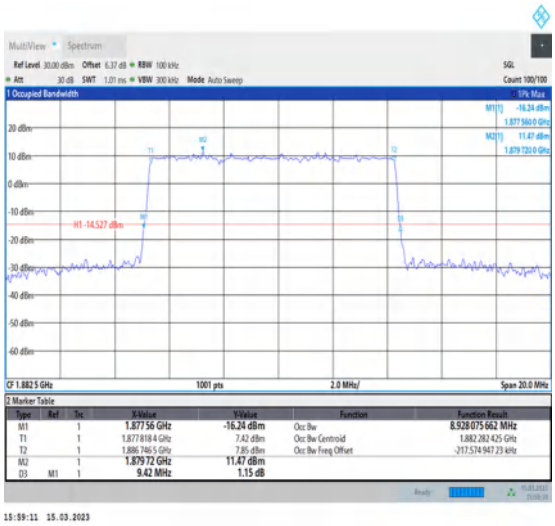

1-N25-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.928-9.420-≤10-PASS

1-N25-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.927-9.440-≤10-PASS

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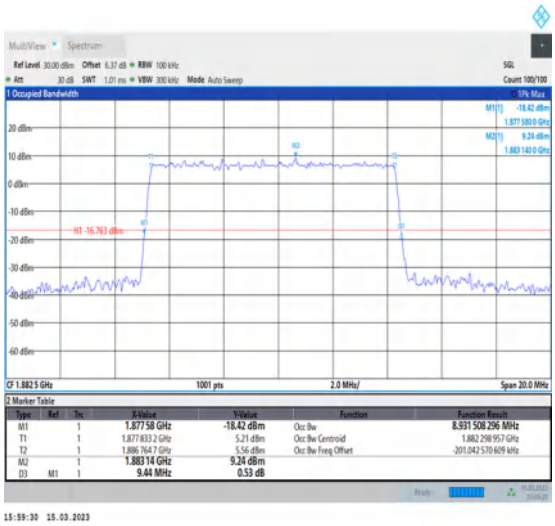

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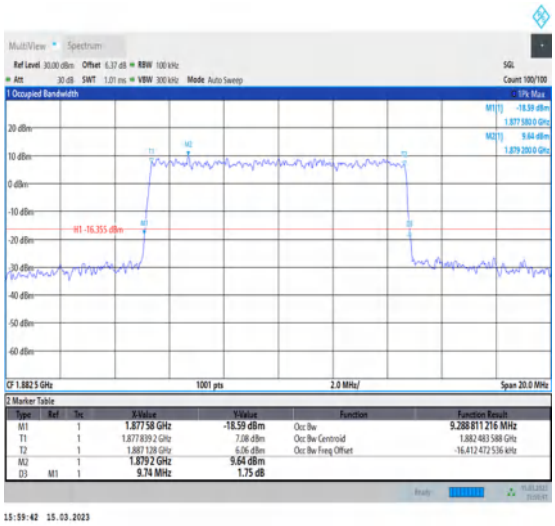

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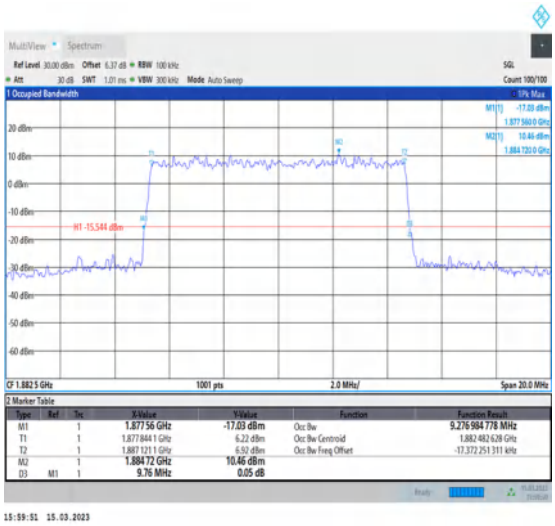

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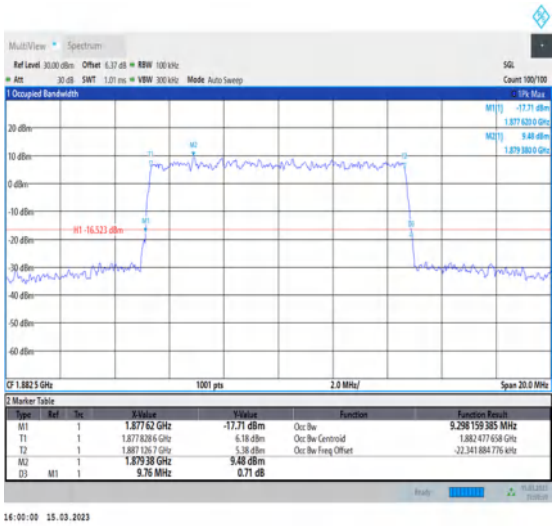

1-N25-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.298-9.760-≤10-PASS

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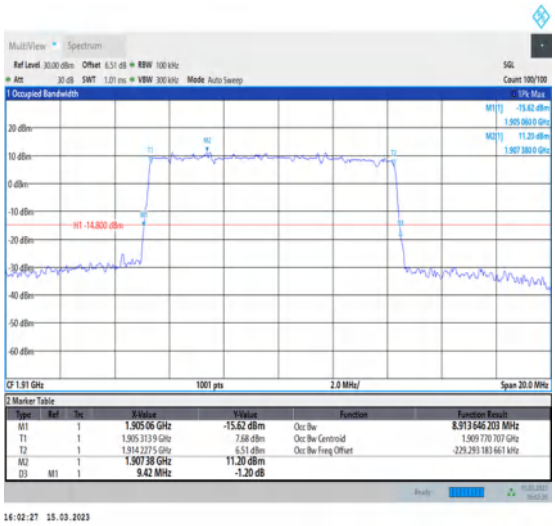
1-N25-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.271-9.740-≤10-PASS

1-N25-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.912-9.360-≤10-PASS

1-N25-PC3-15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.891-9.320-≤10-PASS



1-N25-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.914-9.420-≤10-PASS

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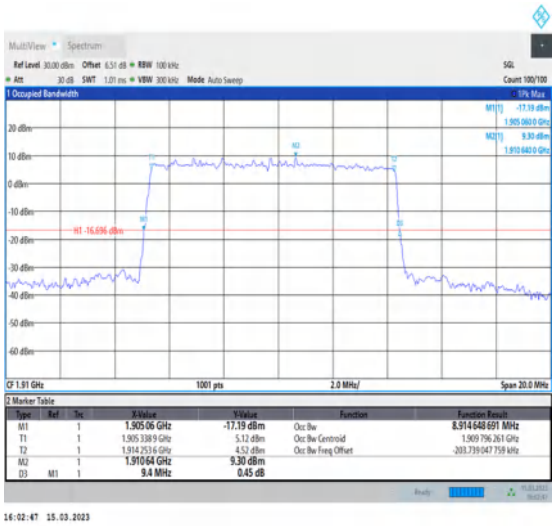

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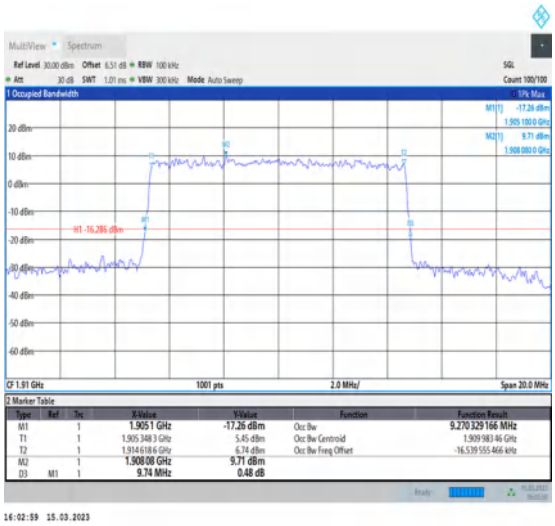

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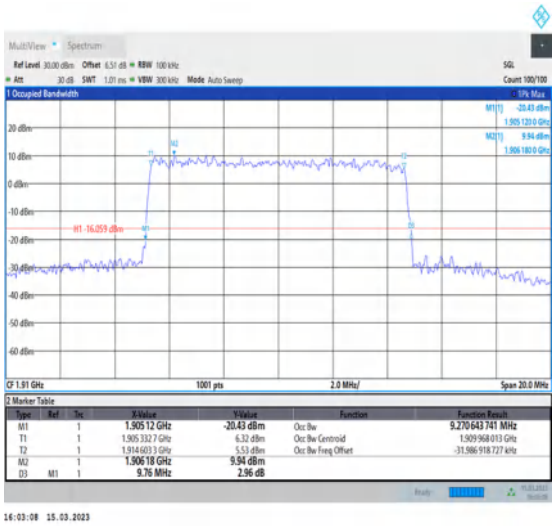

1-N25-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9.271-9.760-≤10-PASS

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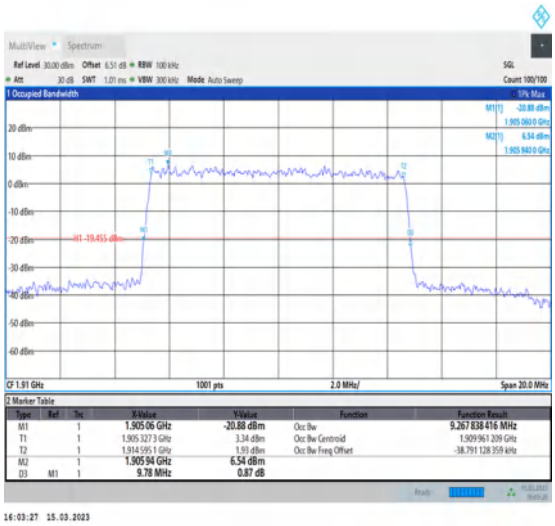

1-N25-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant1-9.268-9.780-≤10-PASS

1-N25-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.429-14.070-≤15-PASS

1-N25-PC3-15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.414-14.070-≤15-PASS

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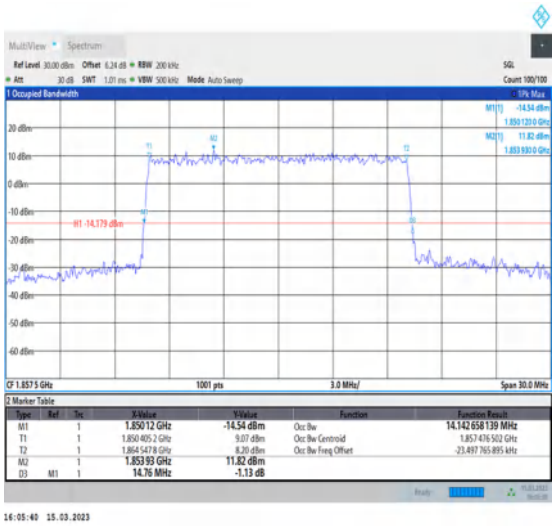
1-N25-PC3-15-15-L-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.434-14.040-≤15-PASS

1-N25-PC3-15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.397-14.070-≤15-PASS

1-N25-PC3-15-15-L-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.44-14.160-≤15-PASS



1-N25-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-14.143-14.760-≤15-PASS

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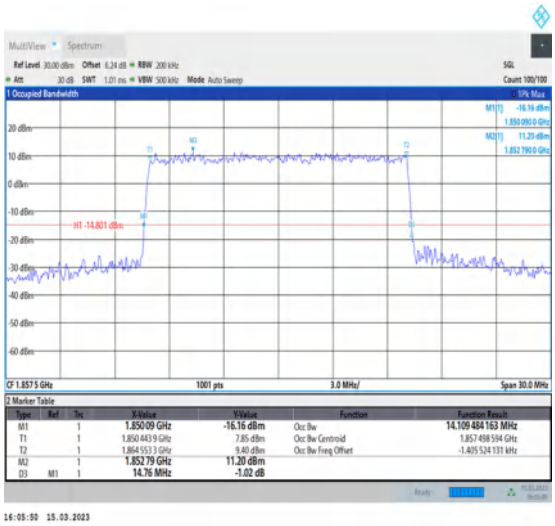

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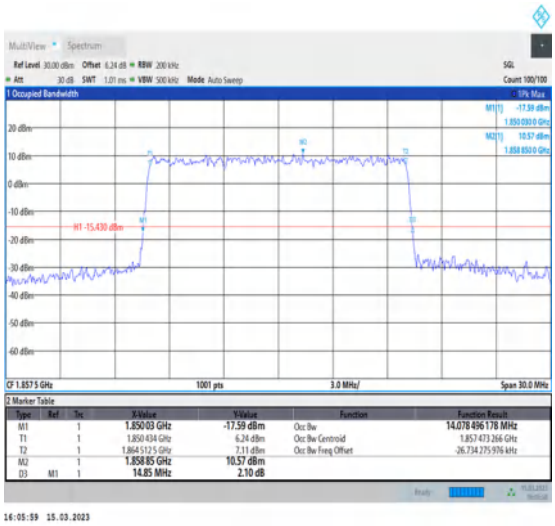

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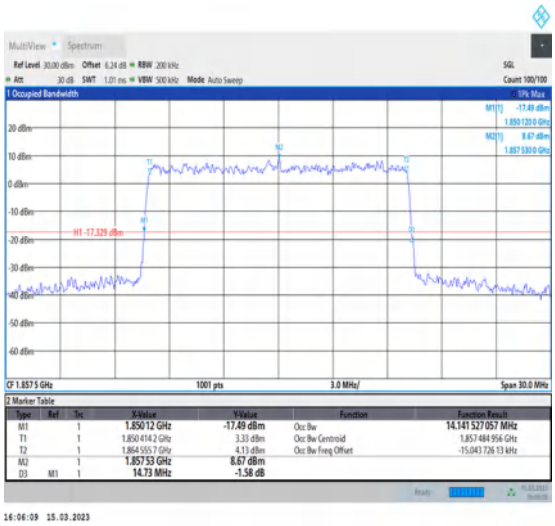

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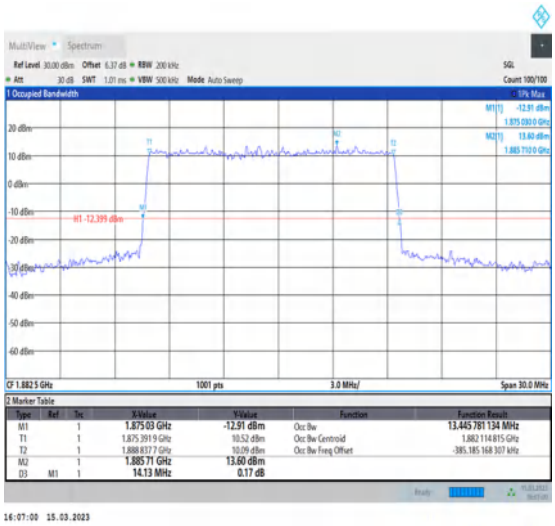

1-N25-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.446-14.130-≤15-PASS

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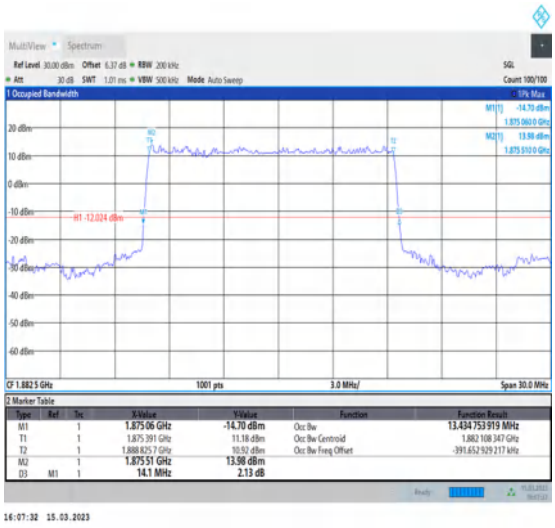

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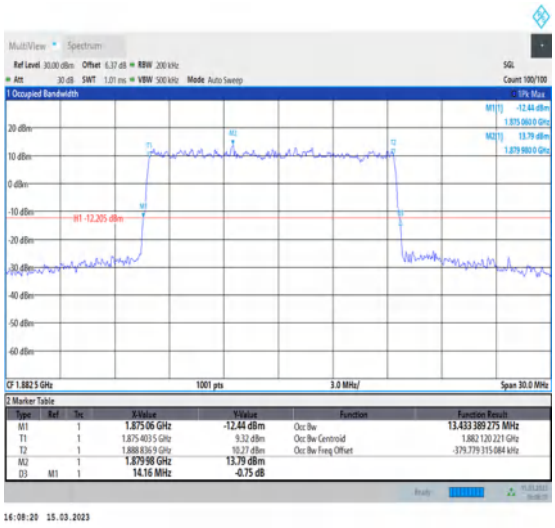

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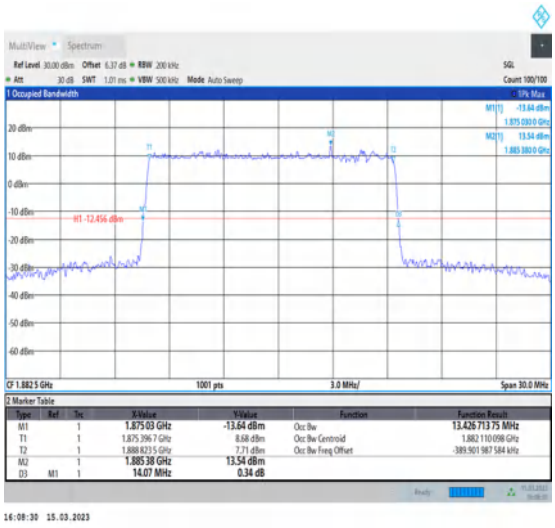

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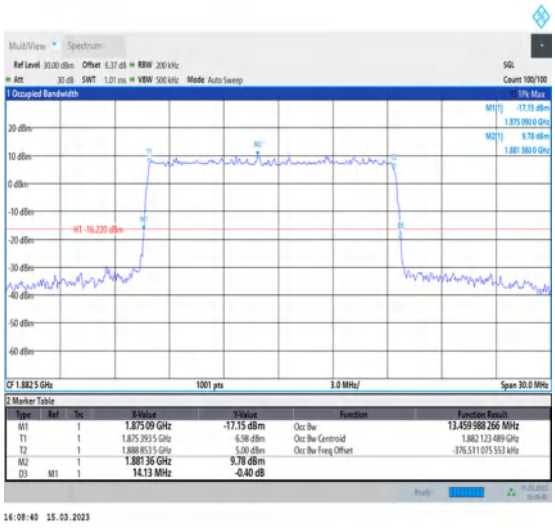

1-N25-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.46-14.130-≤15-PASS

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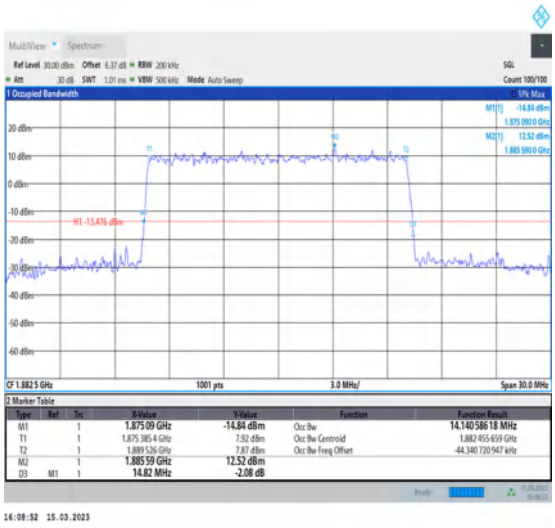

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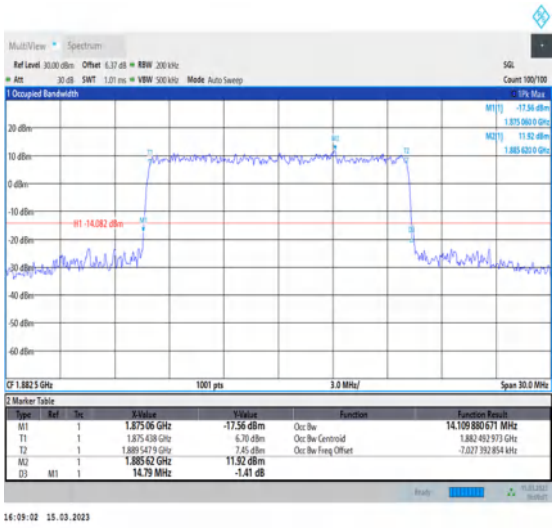
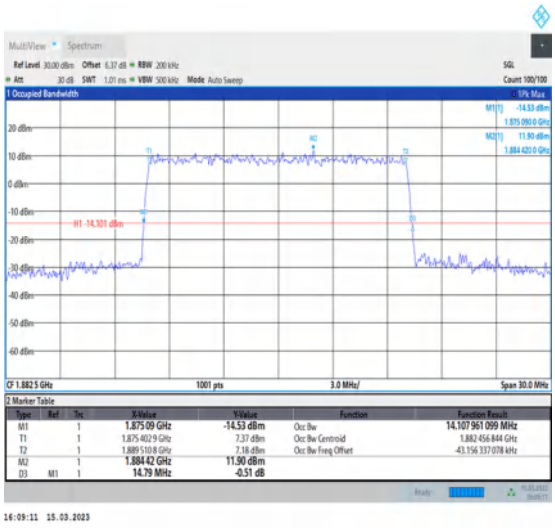


1-N25-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-14.11-14.790-≤15-PASS



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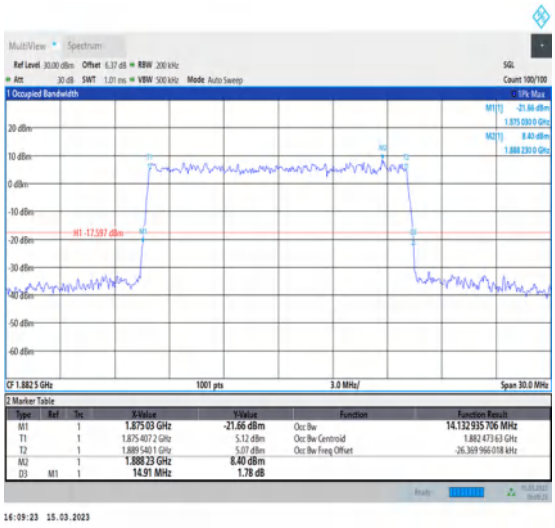

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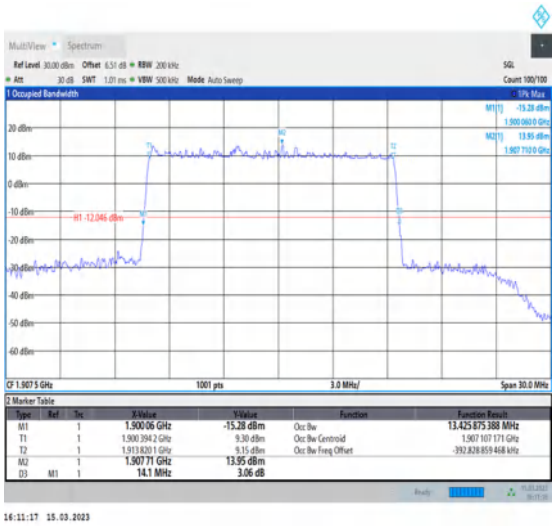
1-N25-PC3-15-15-H-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.407-14.130-≤15-PASS

1-N25-PC3-15-15-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.423-14.130-≤15-PASS



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1-N25-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.383-14.160-≤15-PASS

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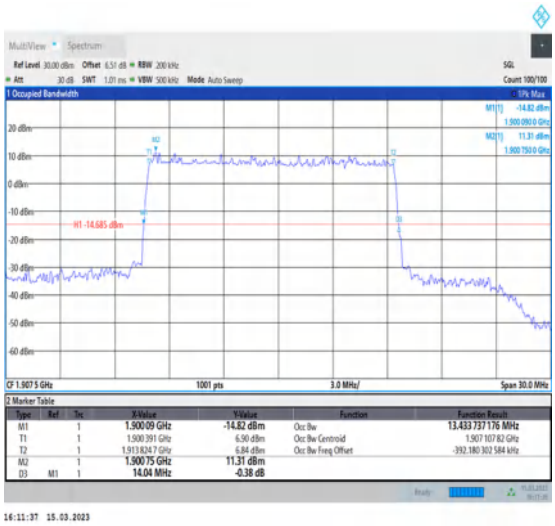

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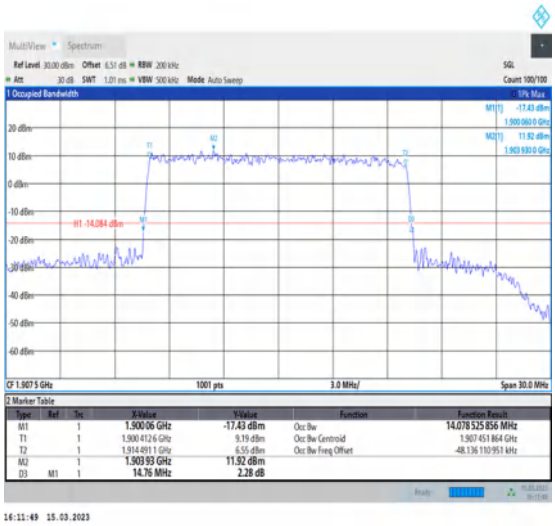

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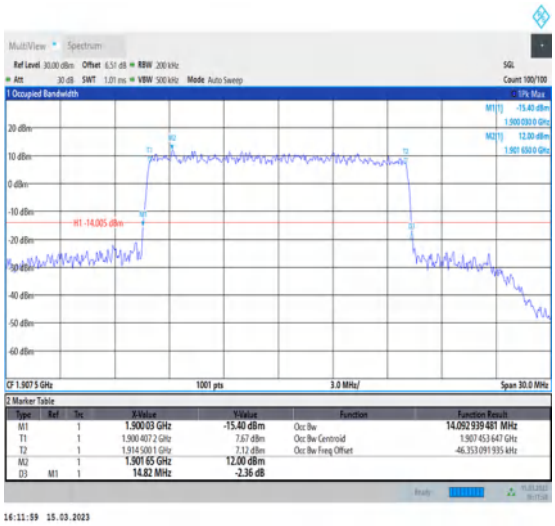

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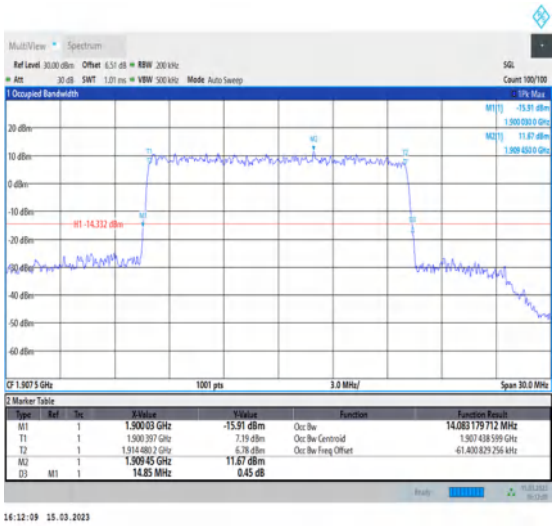

1-N25-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant1-14.083-14.850-≤15-PASS

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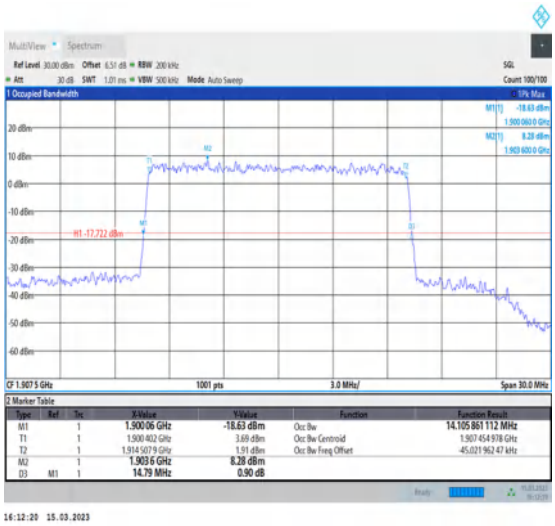

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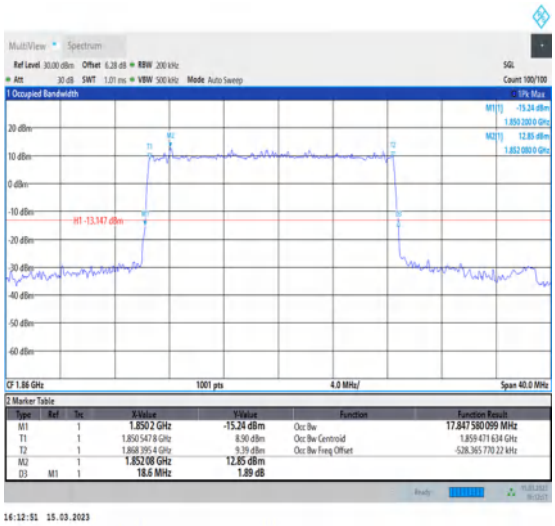

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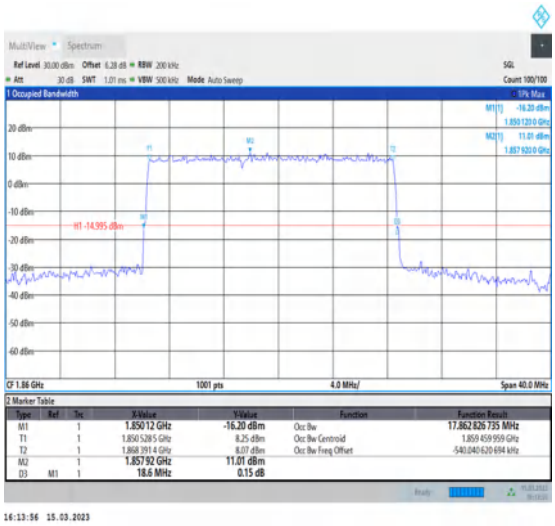

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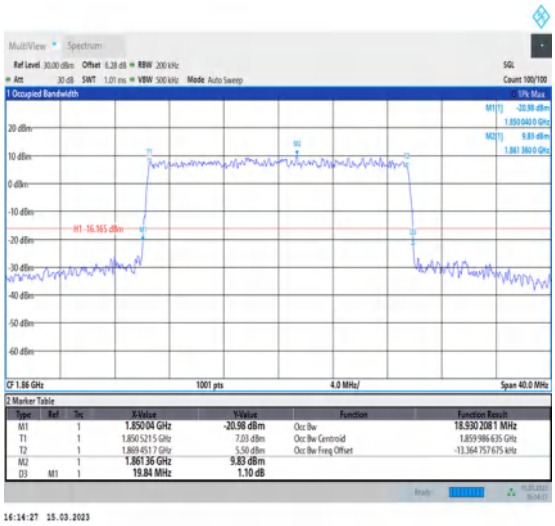
1-N25-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.848-18.640-≤20-PASS

1-N25-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.901-18.640-≤20-PASS



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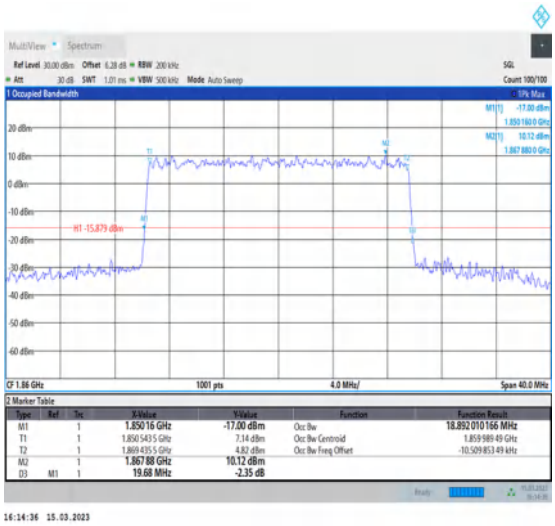

1-N25-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1-18.892-19.680-≤20-PASS

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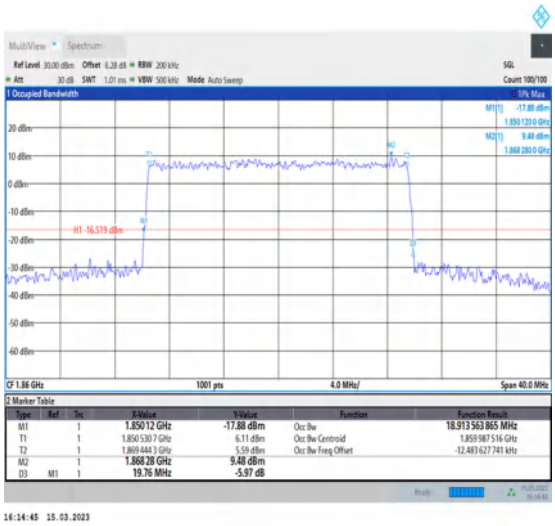

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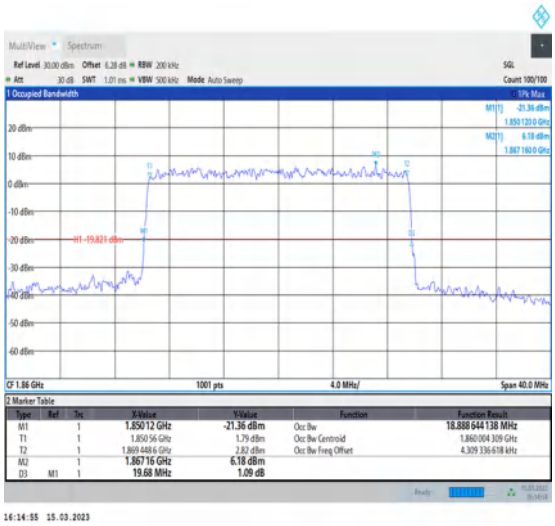

1-N25-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant1-18.889-19.680-≤20-PASS

1-N25-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.864-18.680-≤20-PASS

1-N25-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.885-18.720-≤20-PASS

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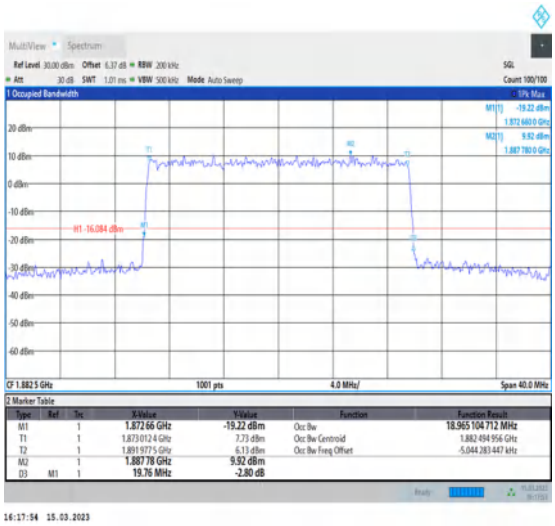
1-N25-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.881-18.640-≤20-PASS

1-N25-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.885-18.680-≤20-PASS



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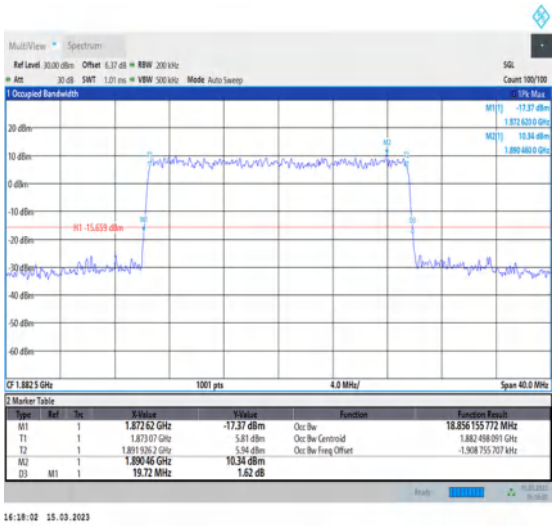

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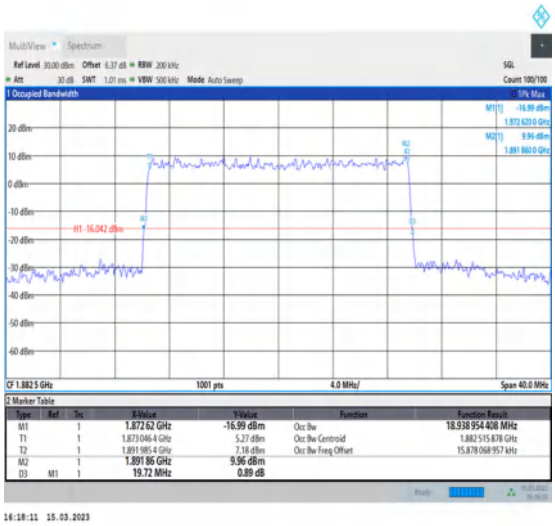

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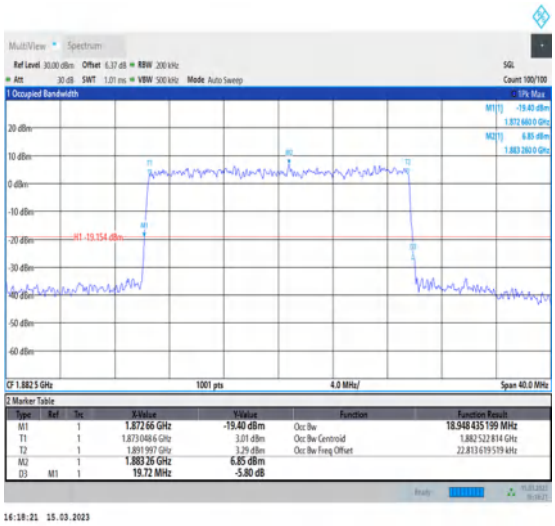

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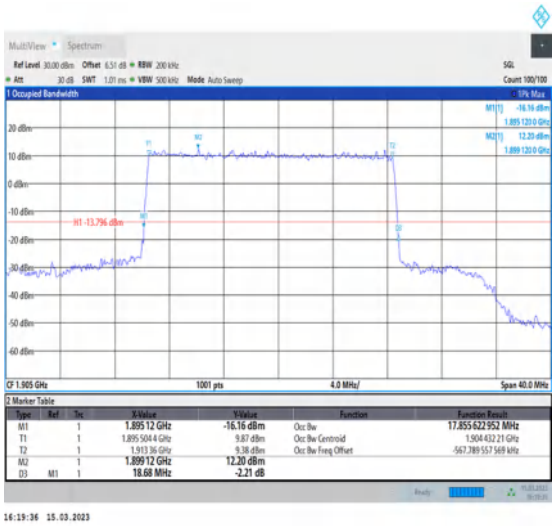

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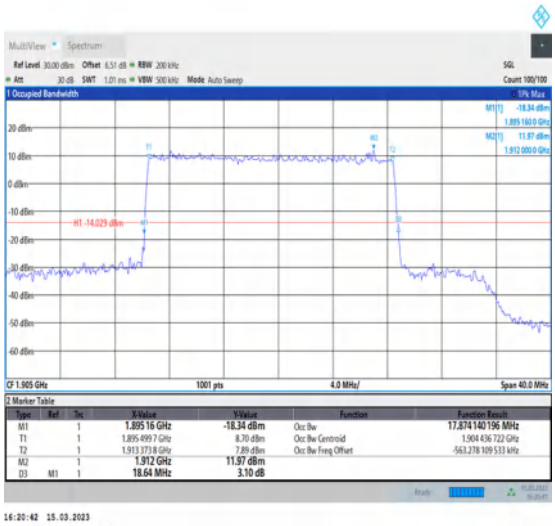

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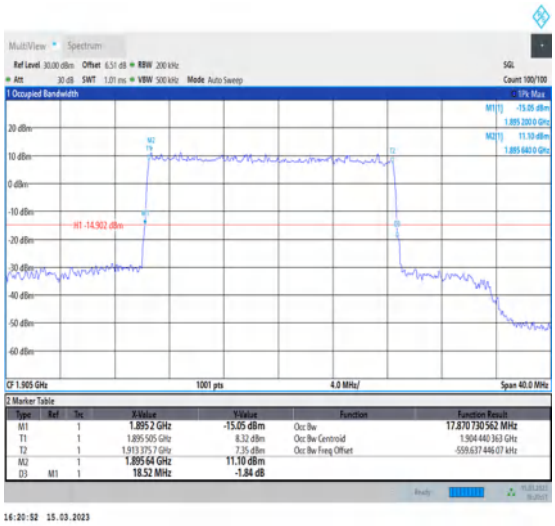

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1-N25-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.84-18.720-≤20-PASS

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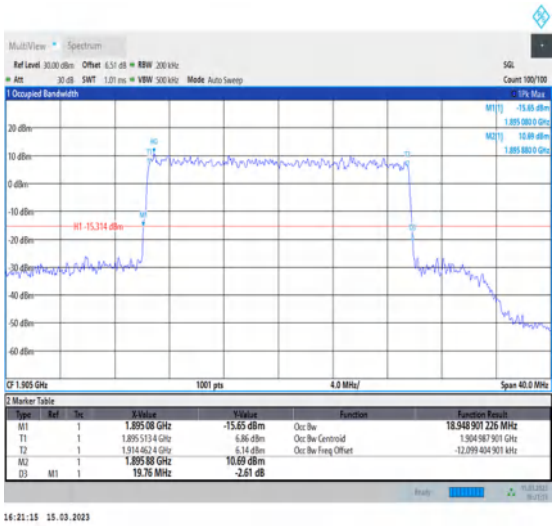

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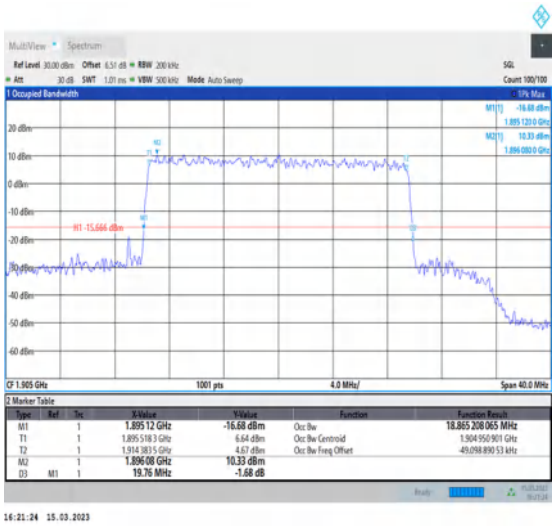

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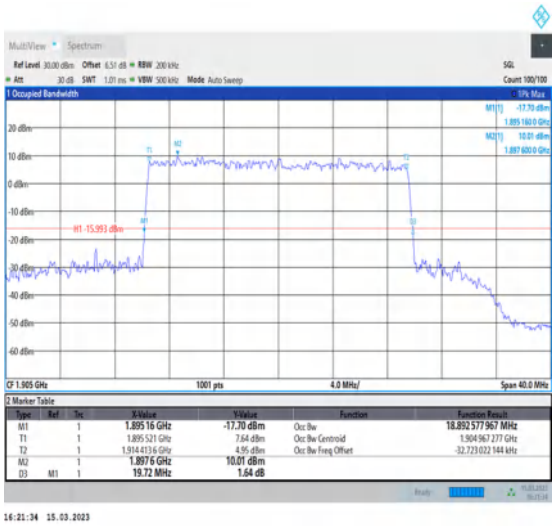

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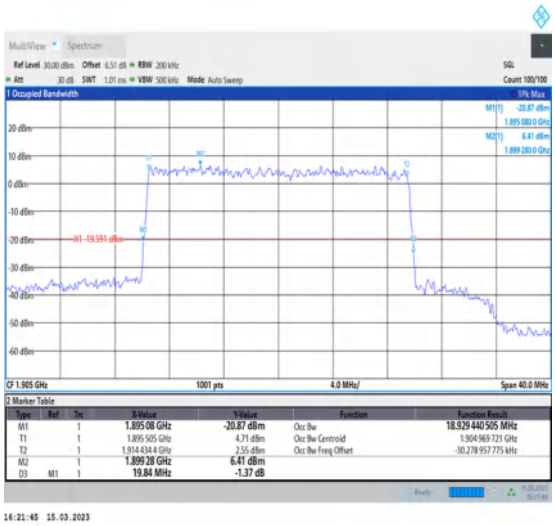

1-N25-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant1-18.929-19.840-≤20-PASS

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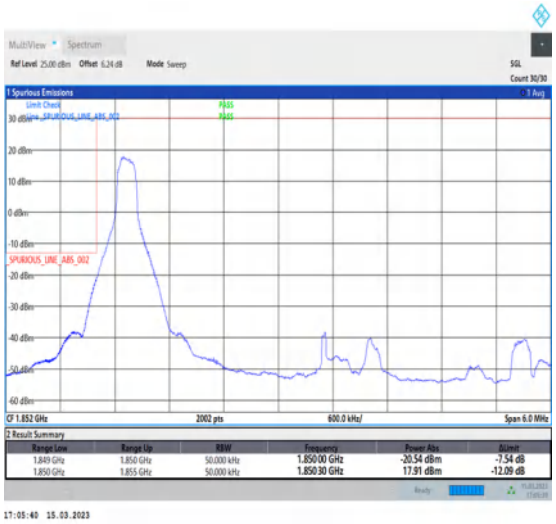
Band Edge for SA

Test Graphs



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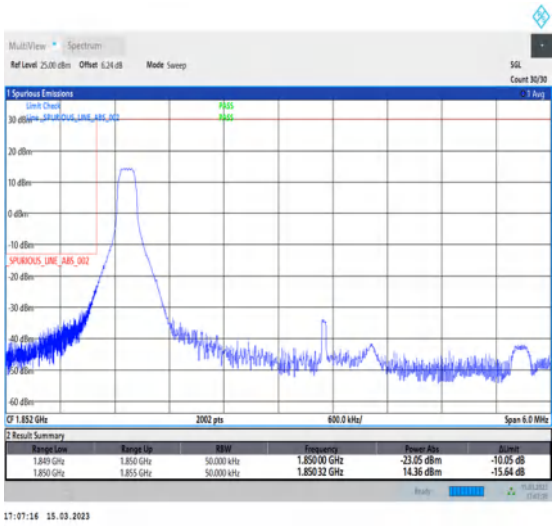

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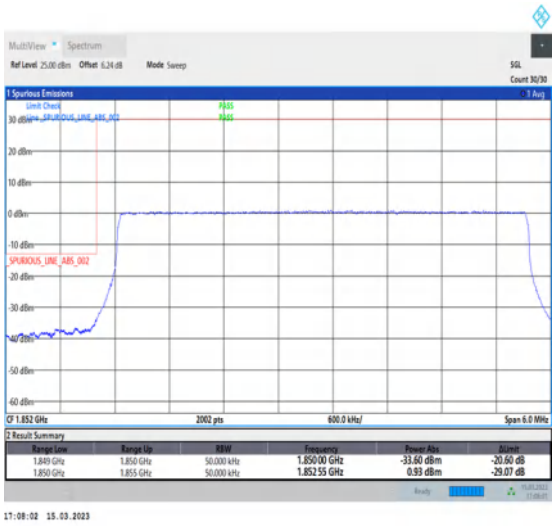

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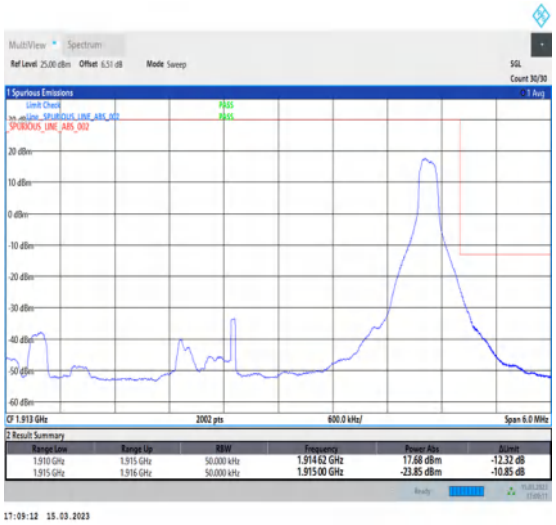

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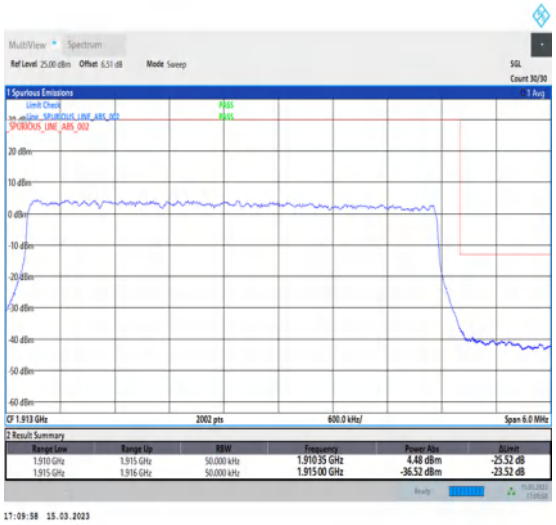

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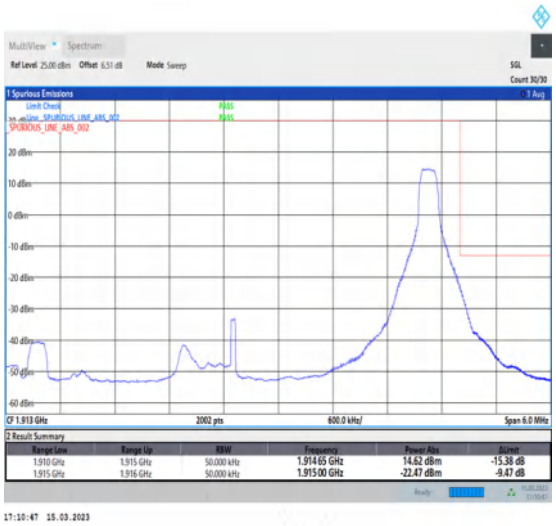

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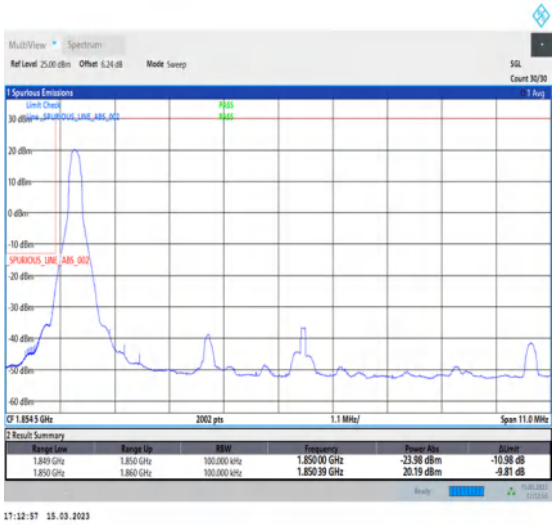	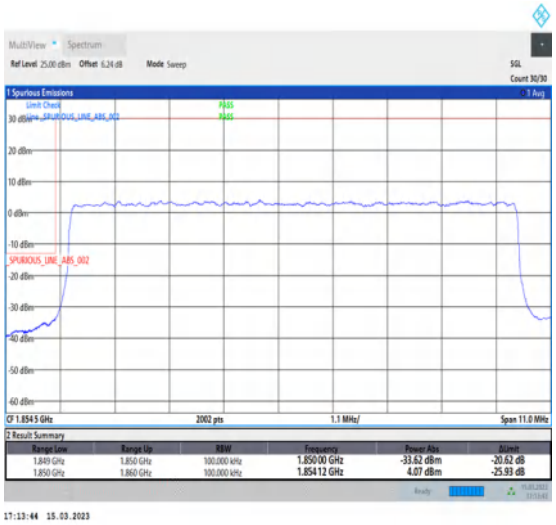
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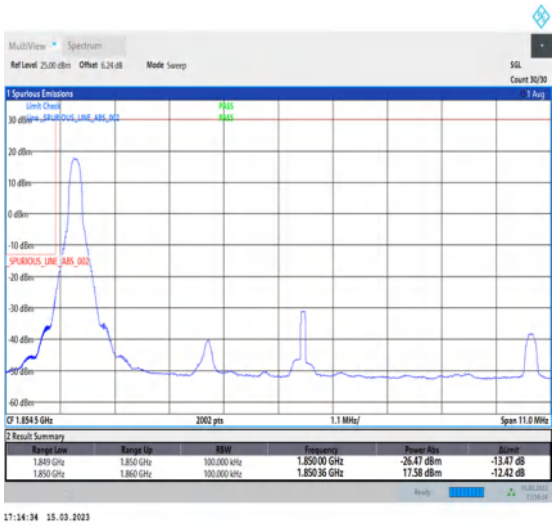	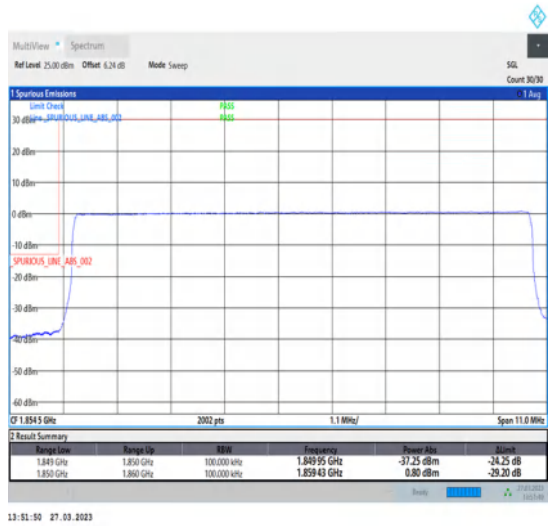
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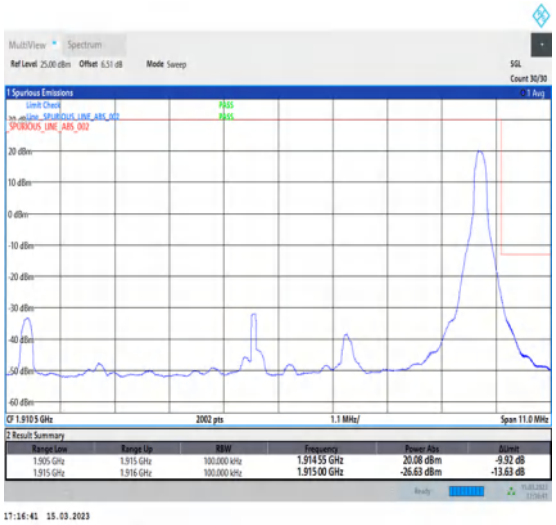

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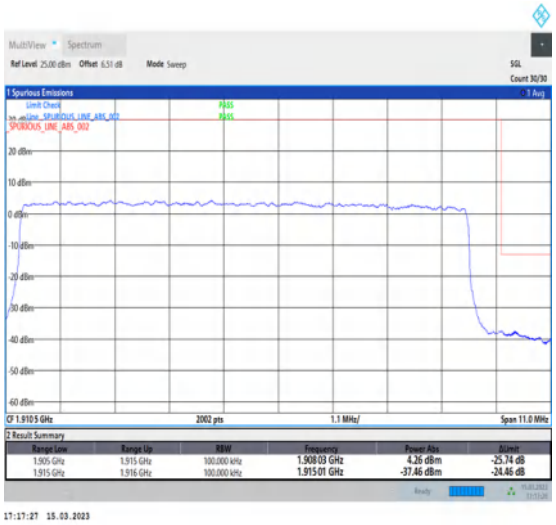

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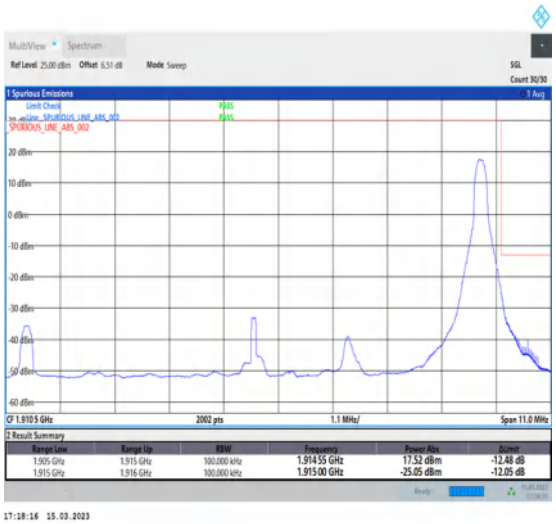

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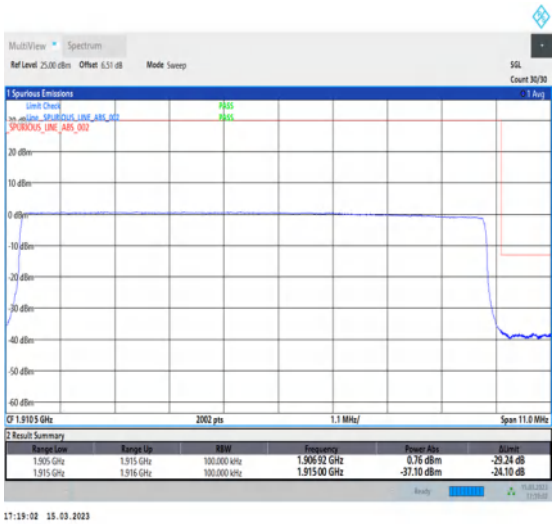

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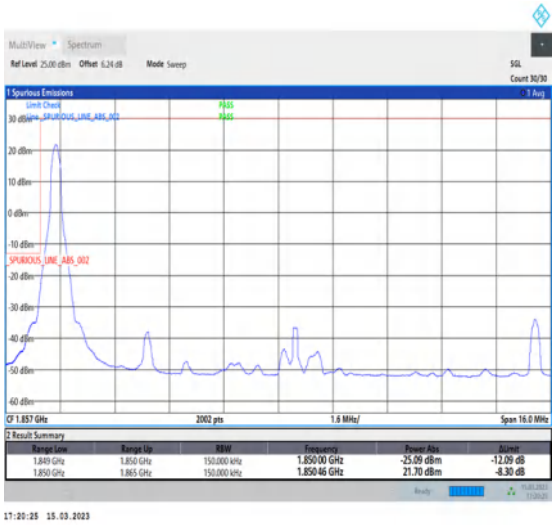

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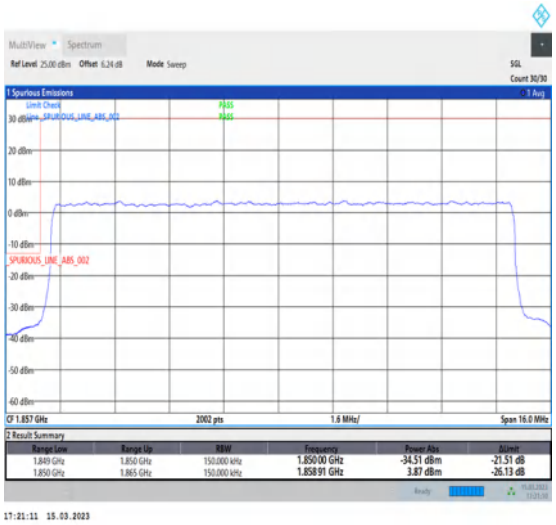

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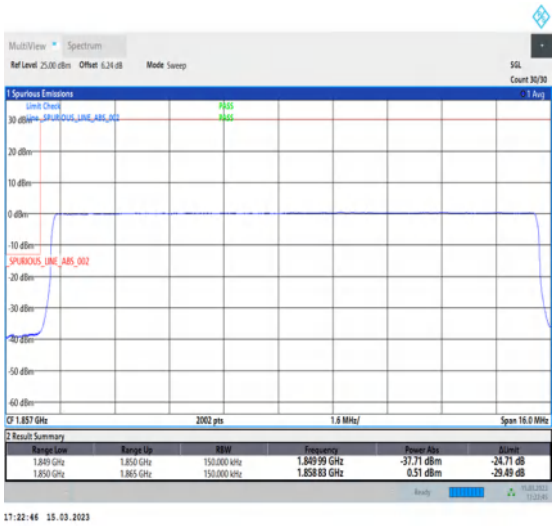

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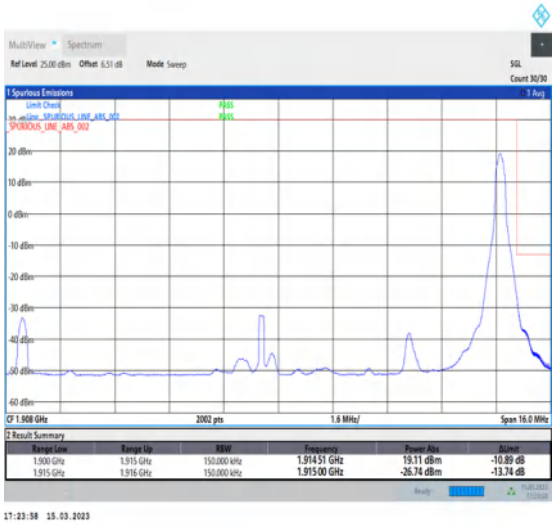

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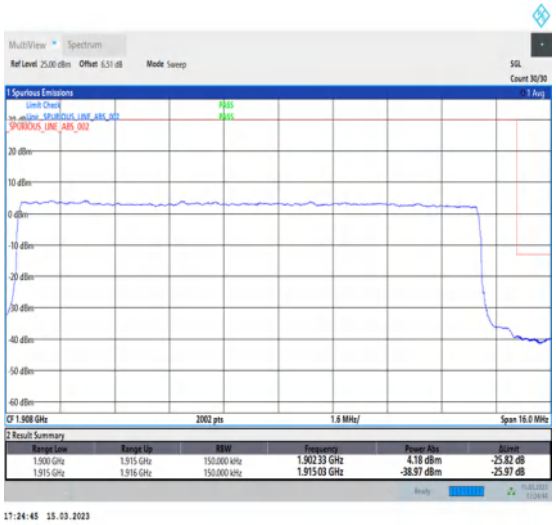

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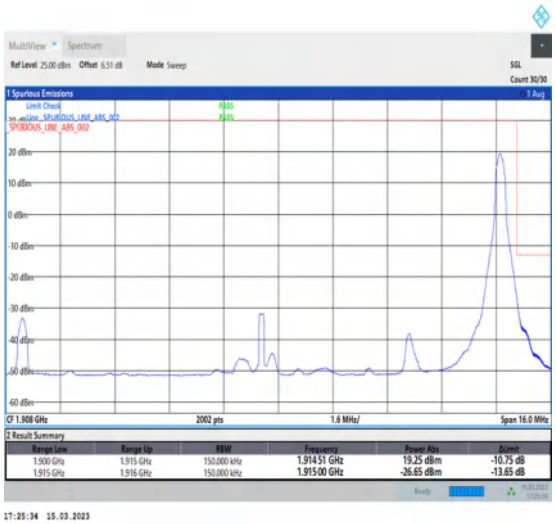

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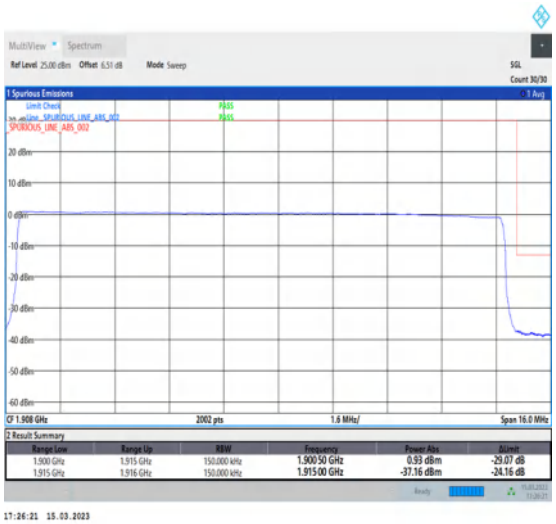

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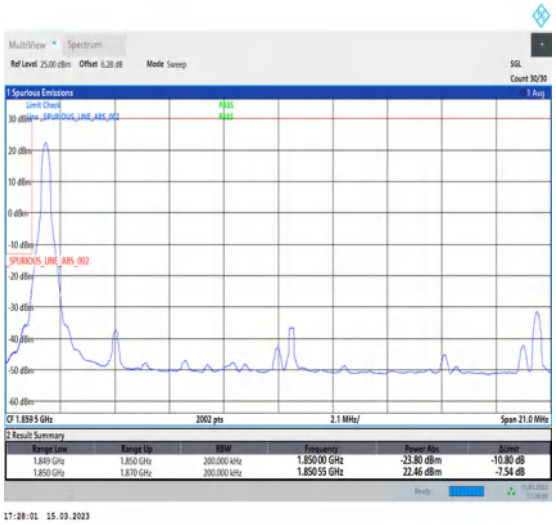

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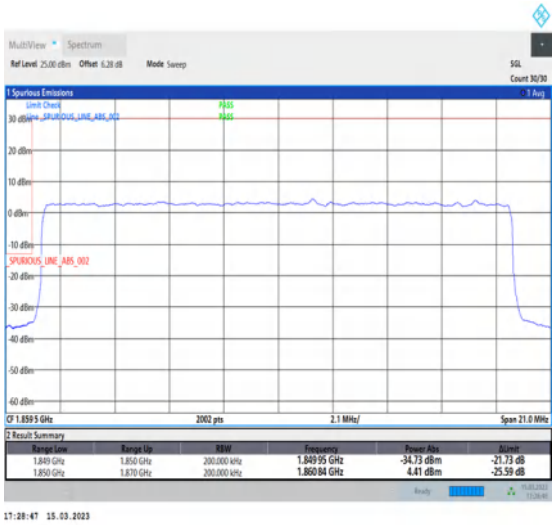

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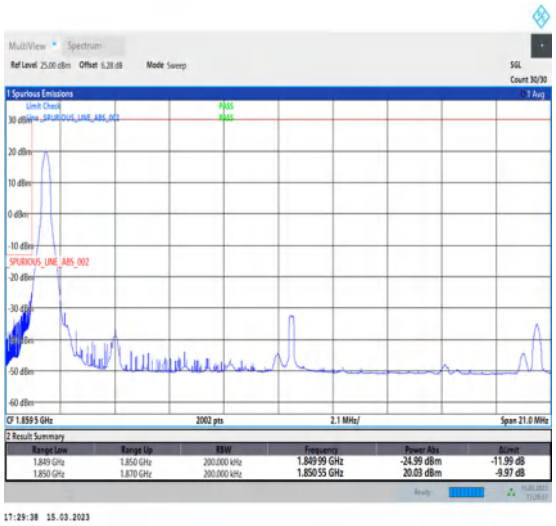

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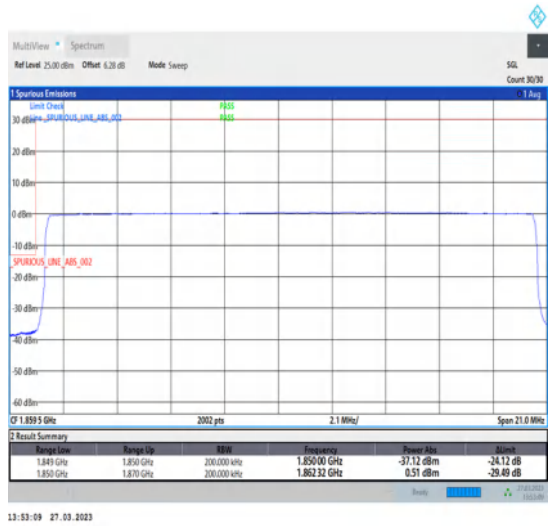

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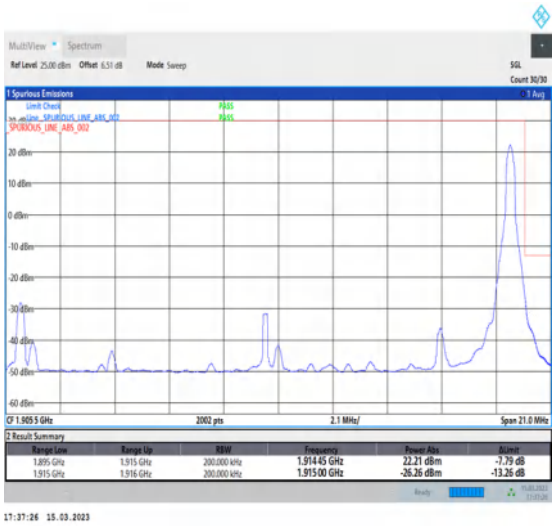

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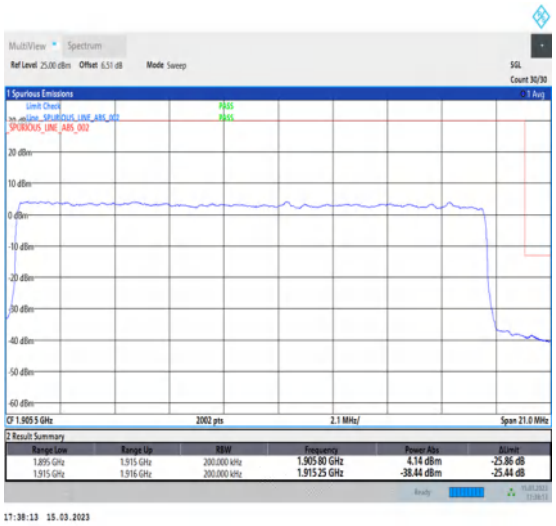

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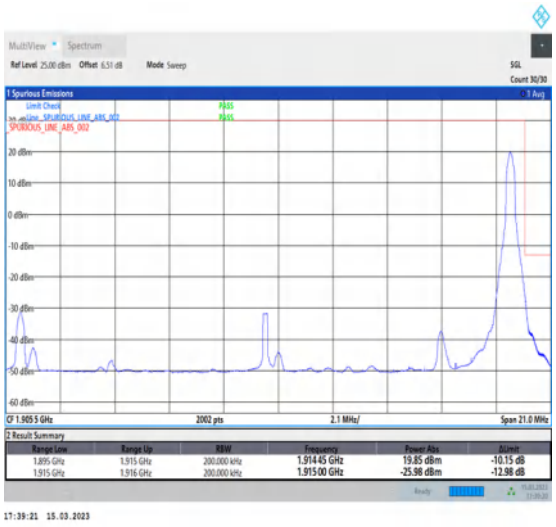

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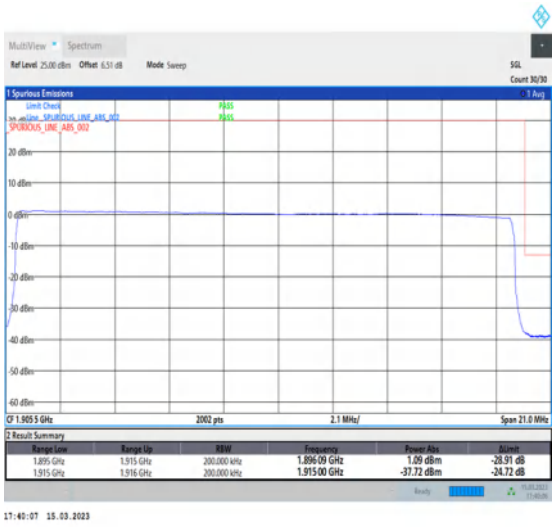

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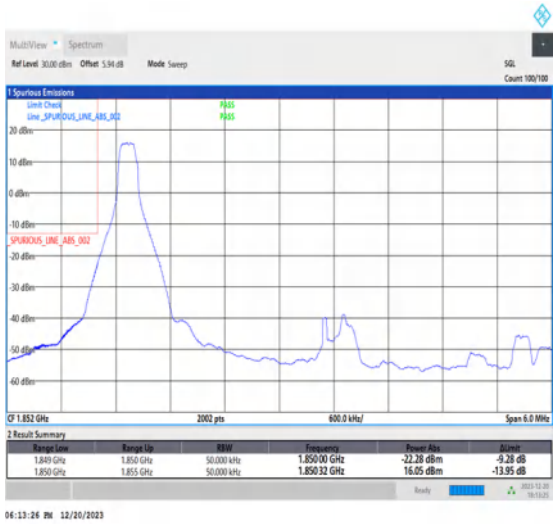
Band Edge for MIMO ANT1

Test Graphs



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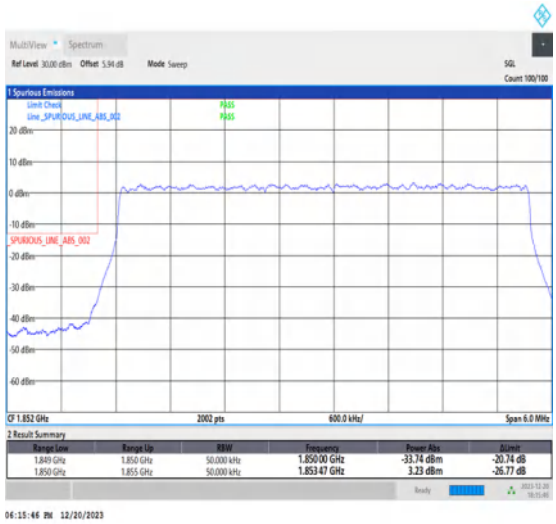

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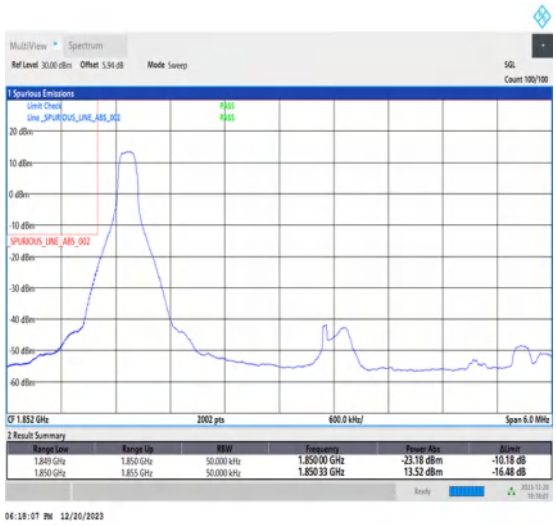

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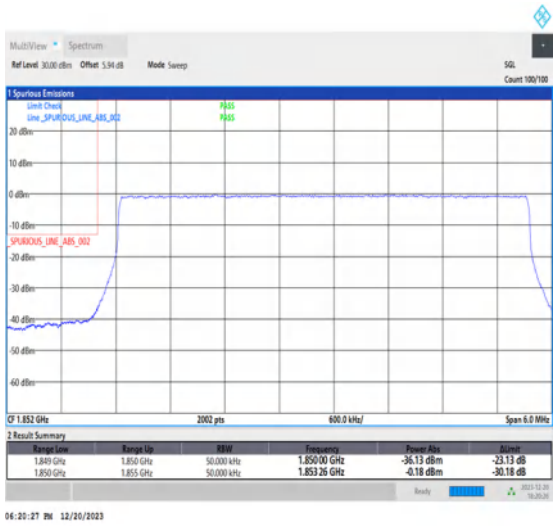

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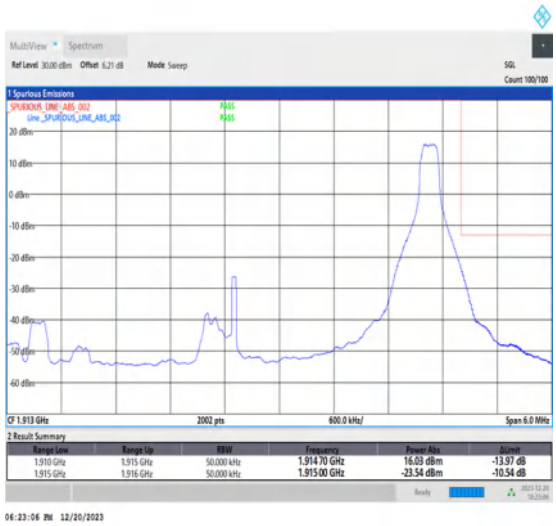

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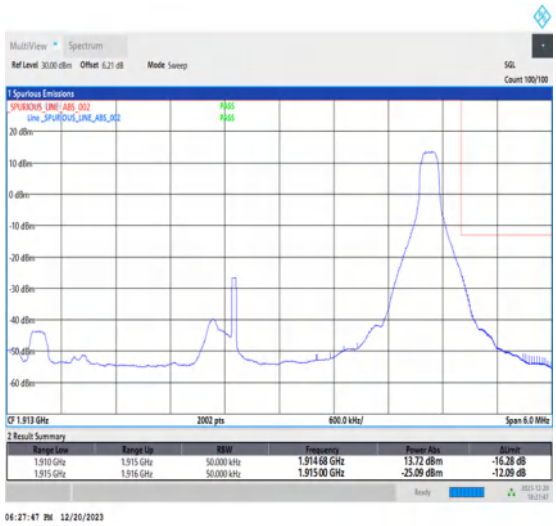

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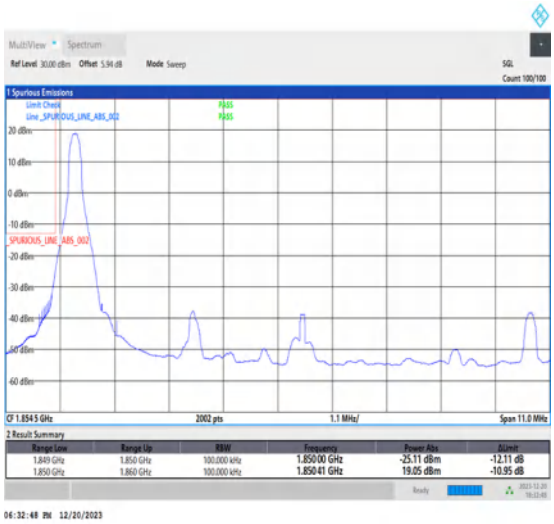

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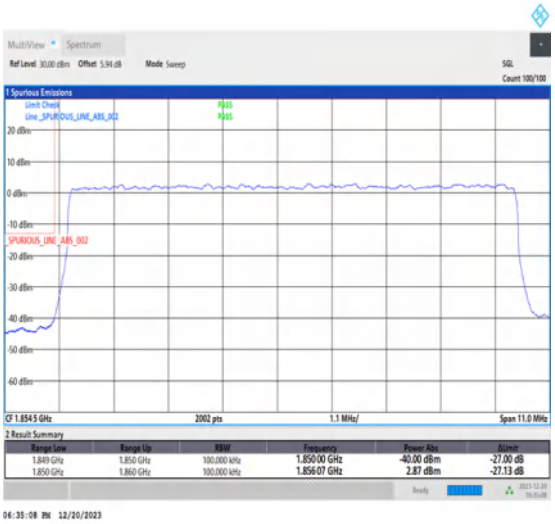

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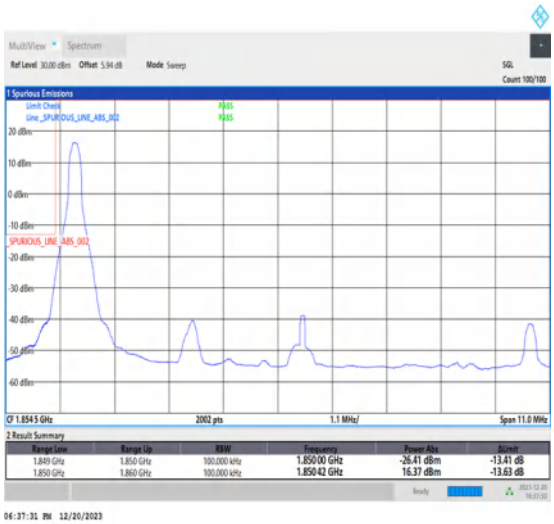

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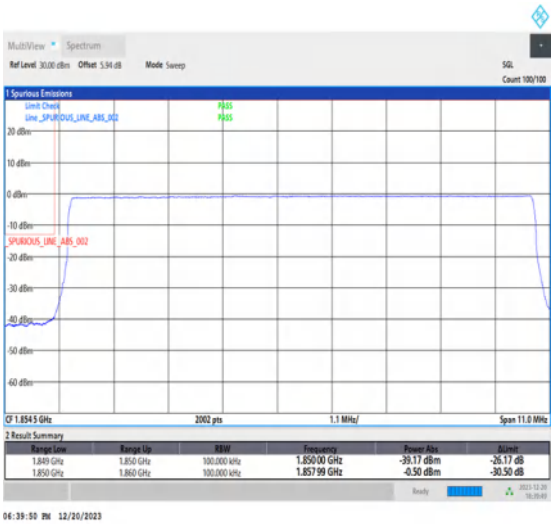

1-N25-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph

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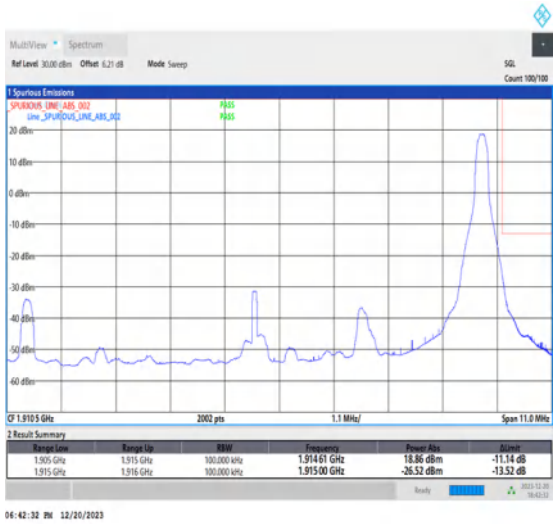

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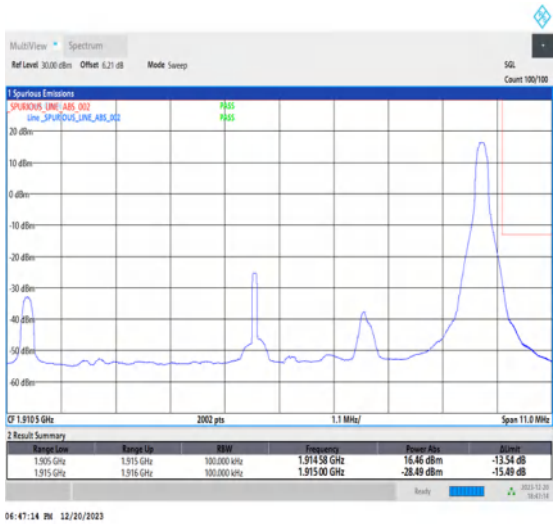

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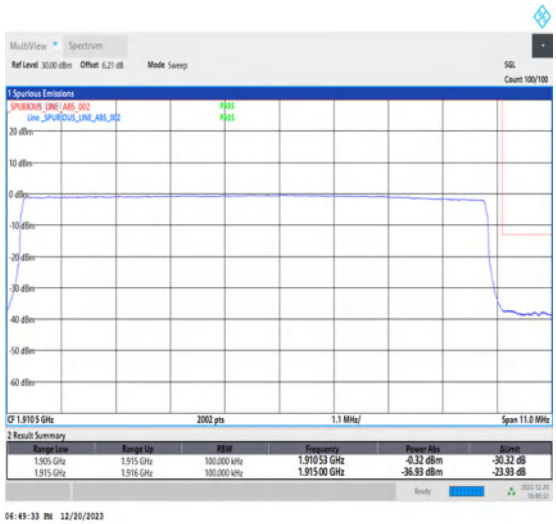

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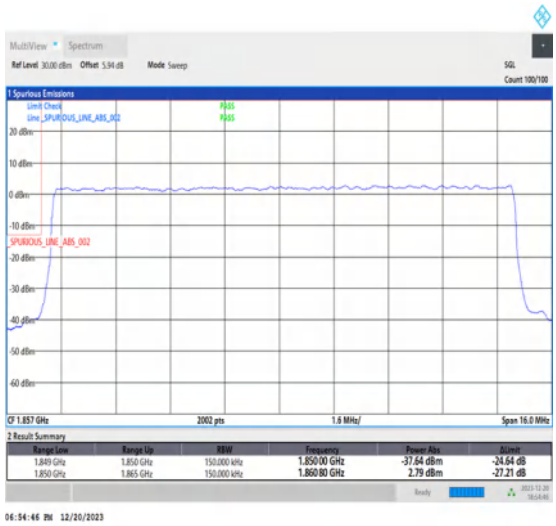

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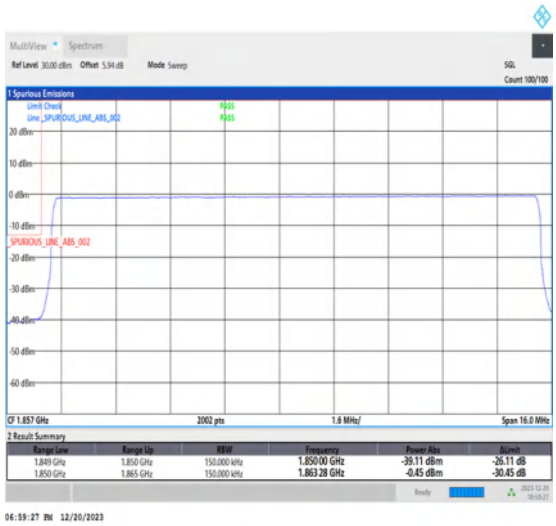

1-N25-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph

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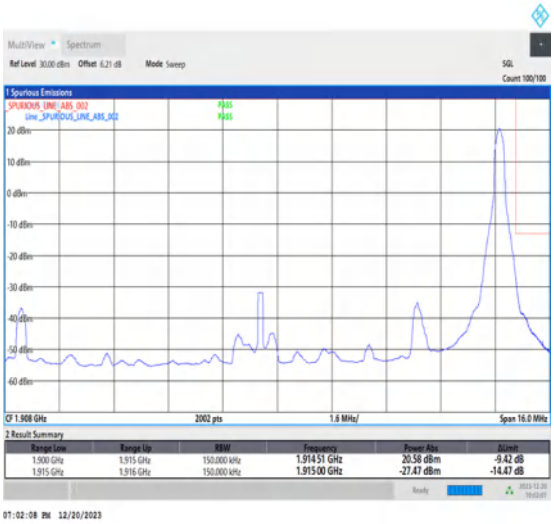

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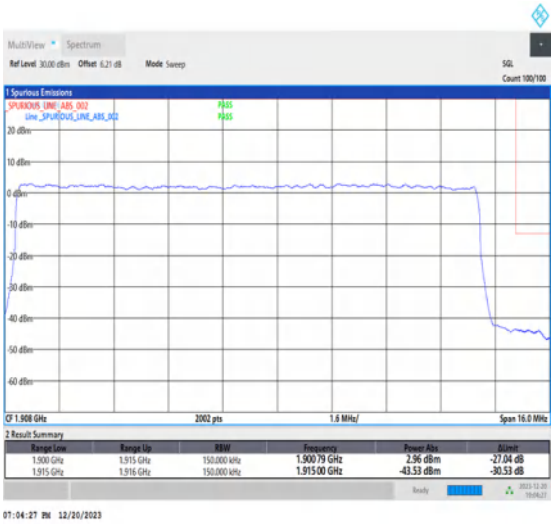

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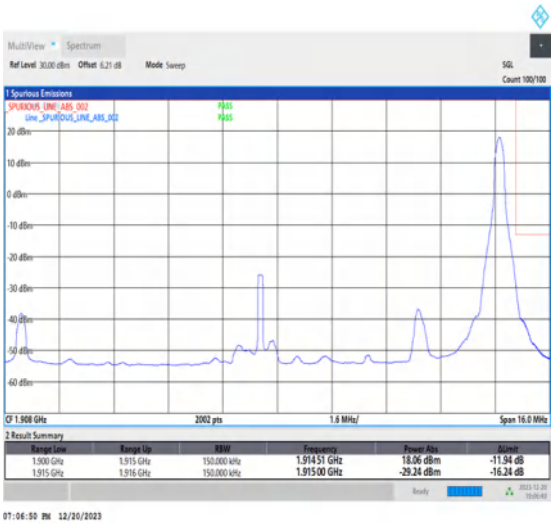

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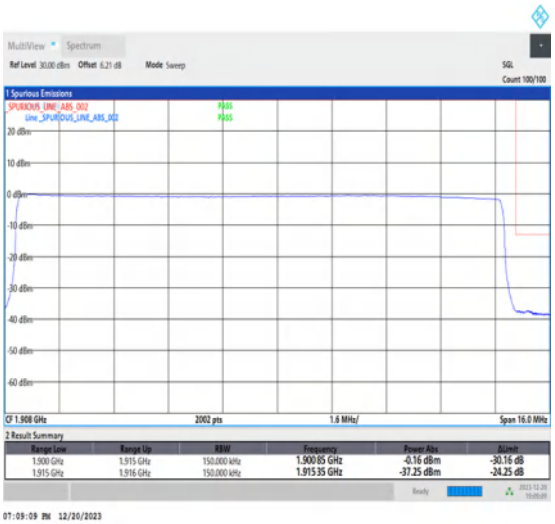

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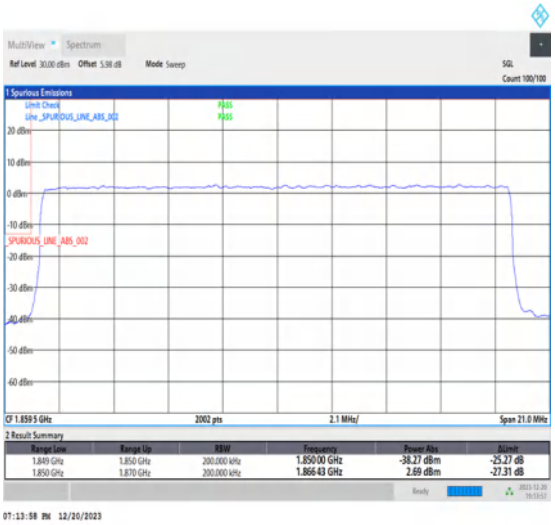
1-N25-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



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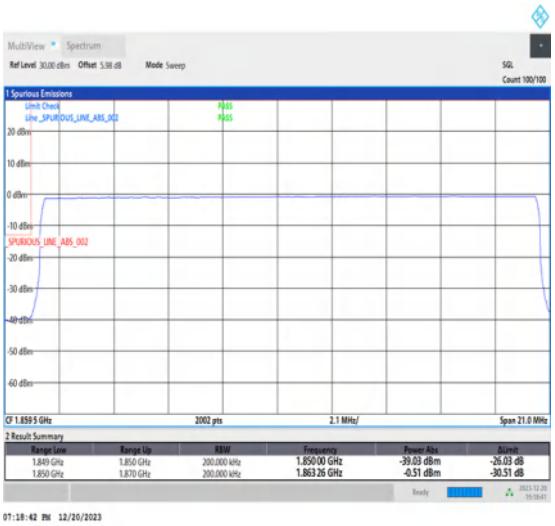

1-N25-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph

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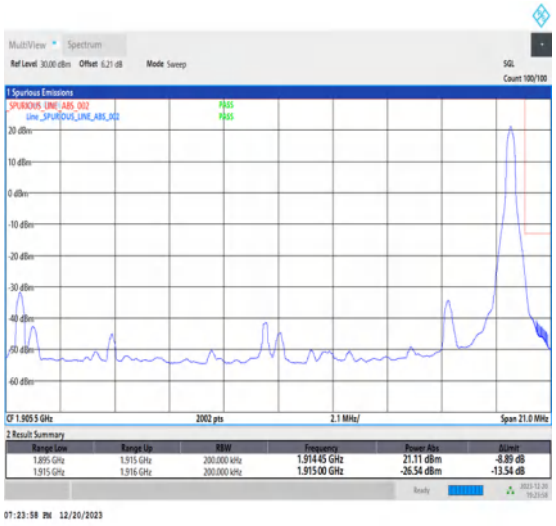

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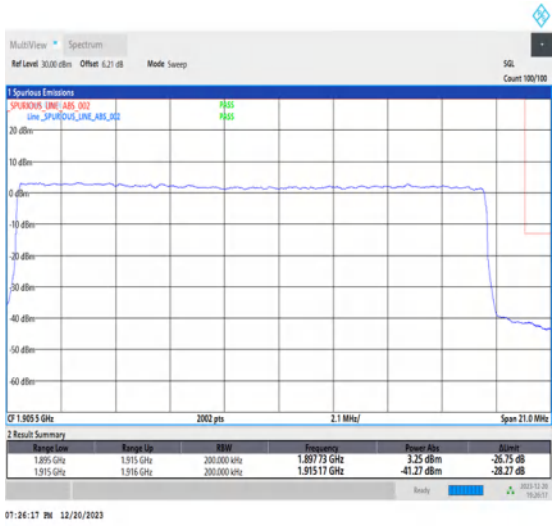

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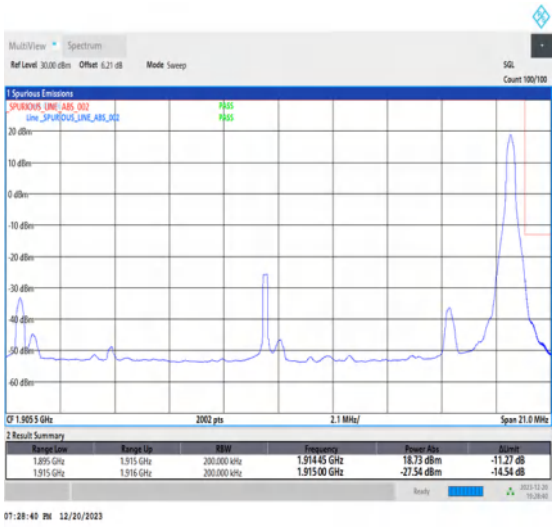

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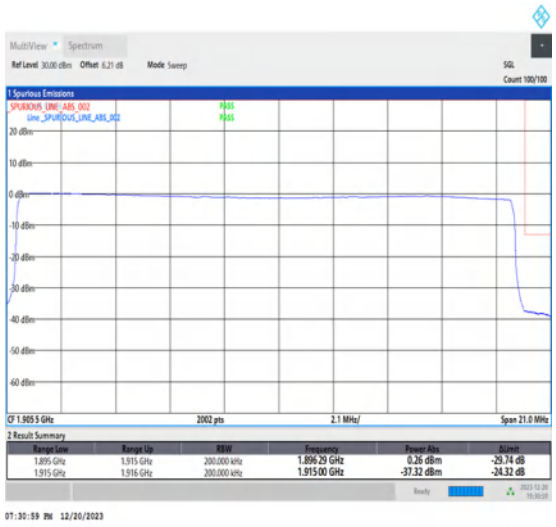

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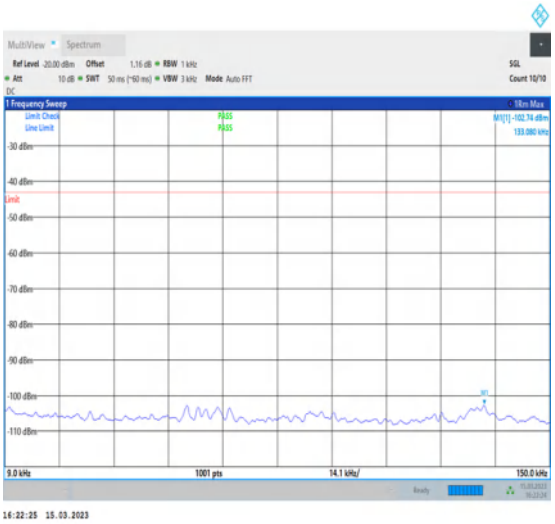

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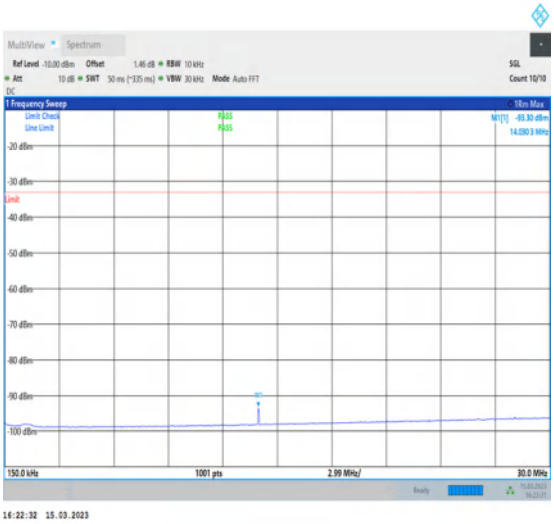

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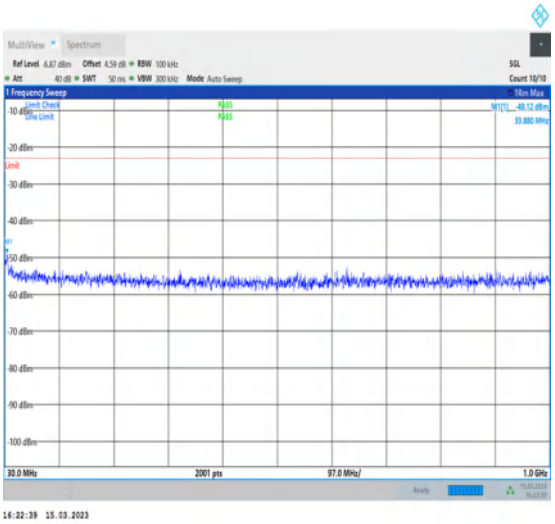

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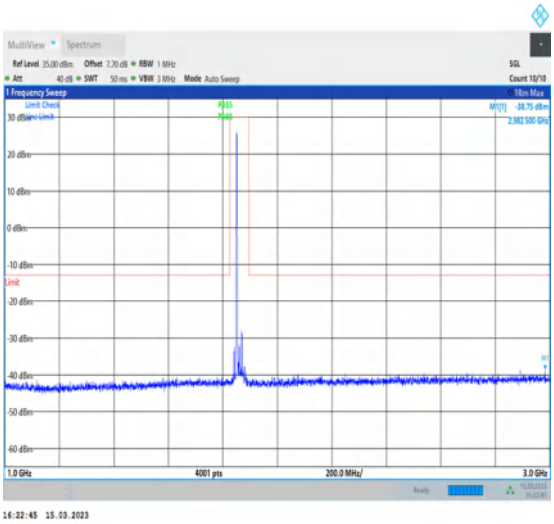

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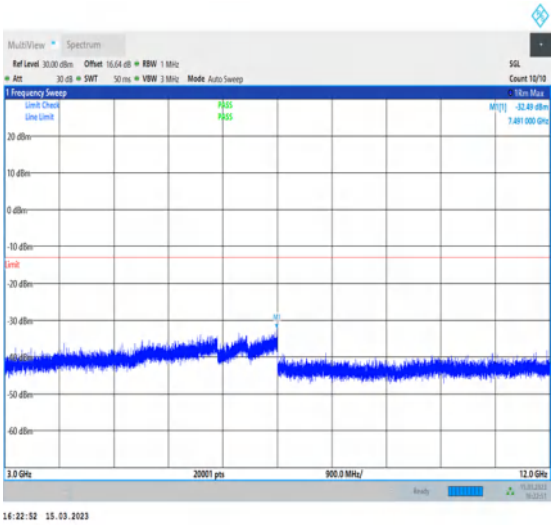

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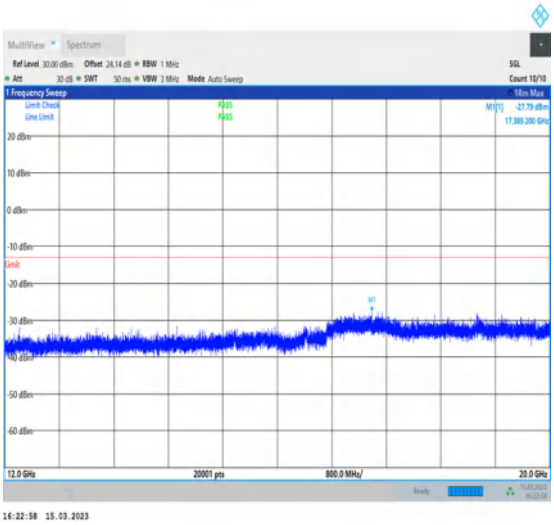

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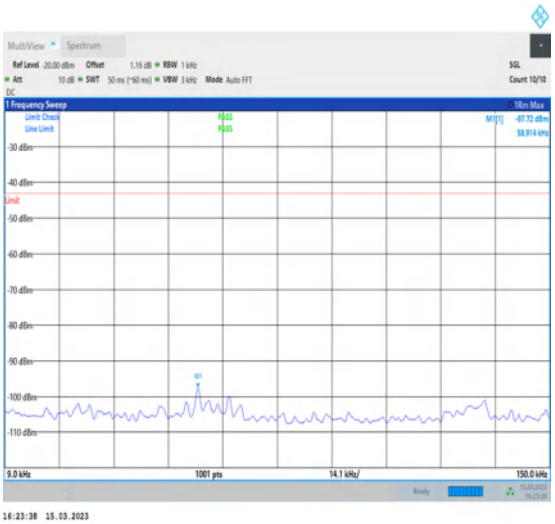

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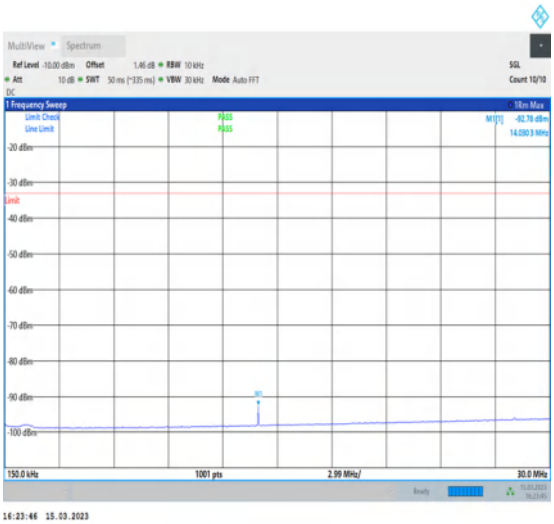

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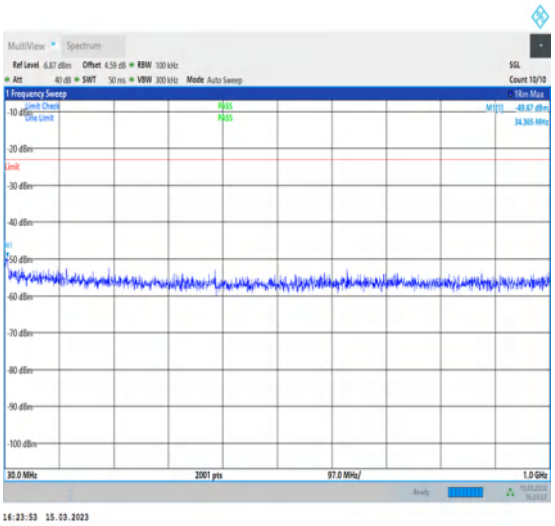

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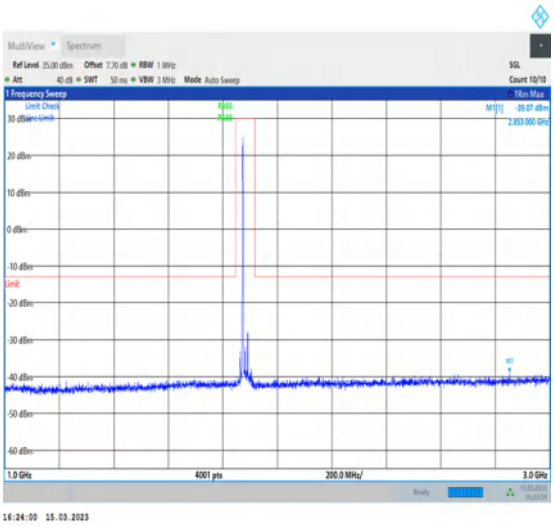

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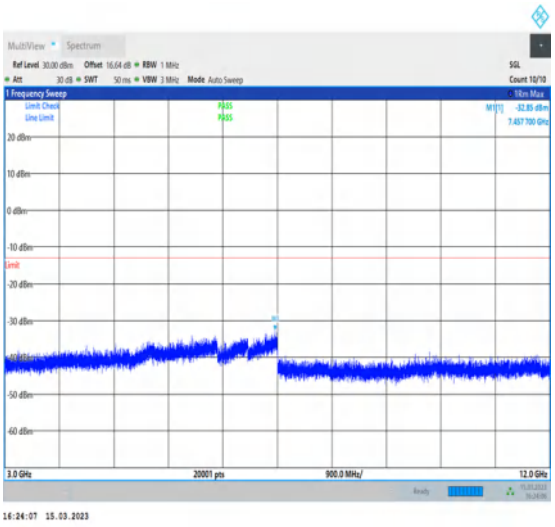

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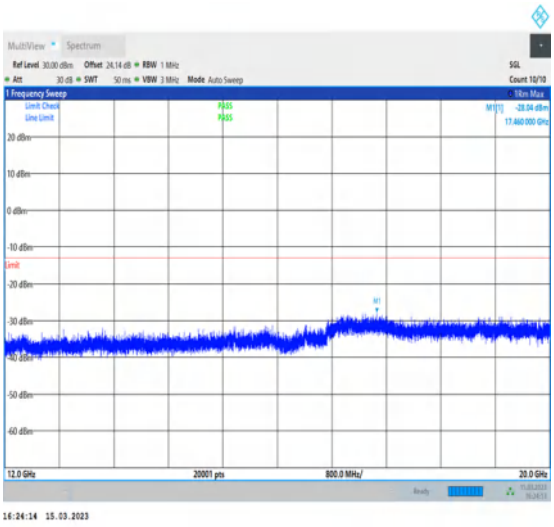

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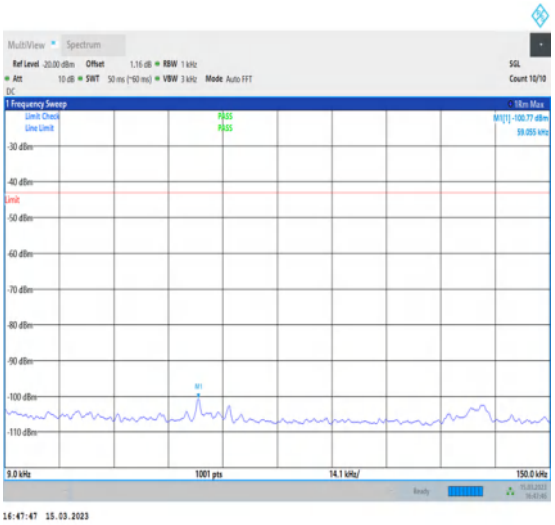

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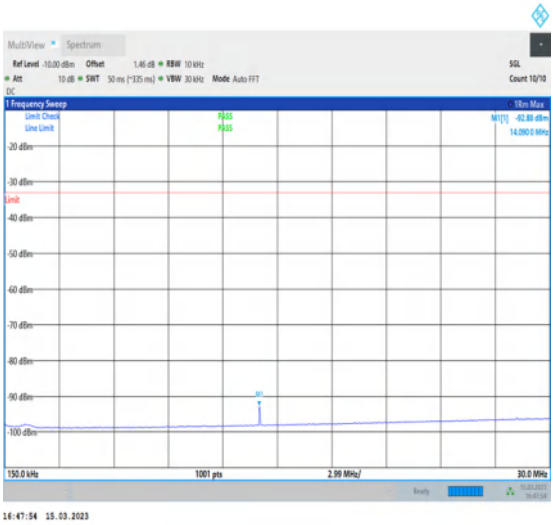

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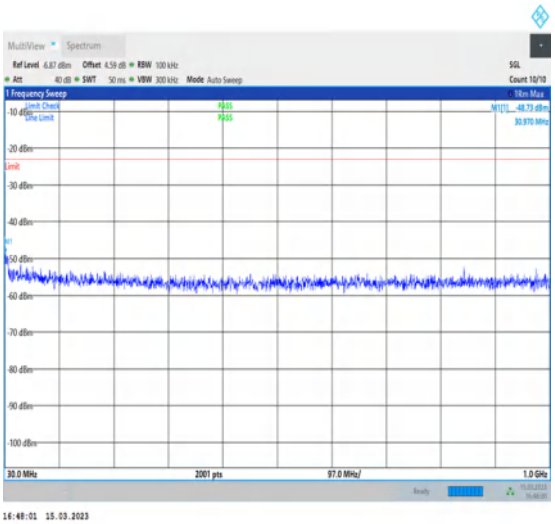

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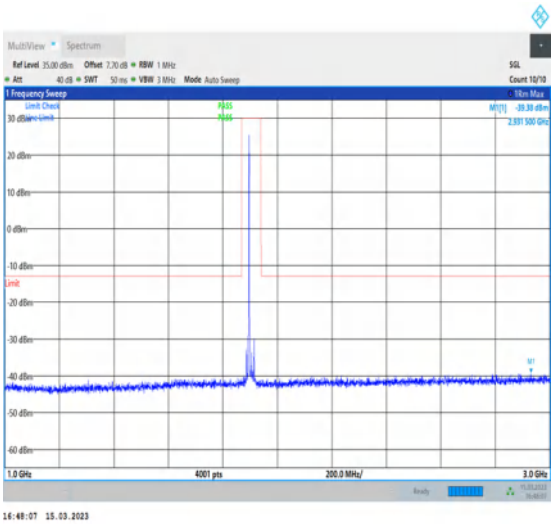

1-N25-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2931.50--39.38--13-PASS

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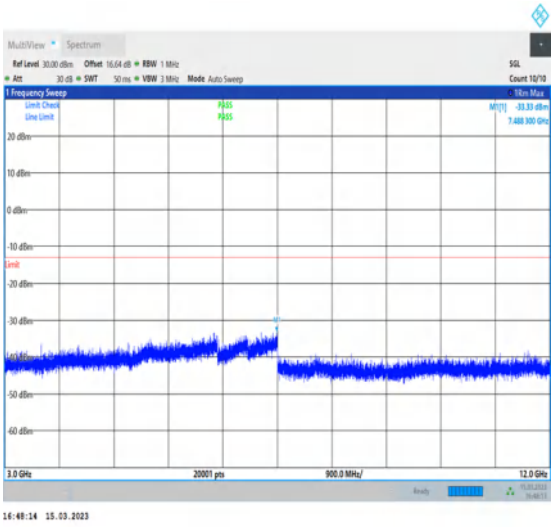	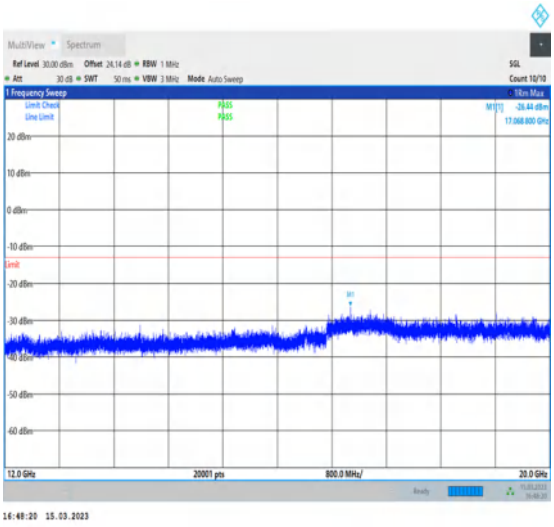
1-N25-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-7488.30--33.33--13-PASS	1-N25-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-17068.80--26.44--13-PASS

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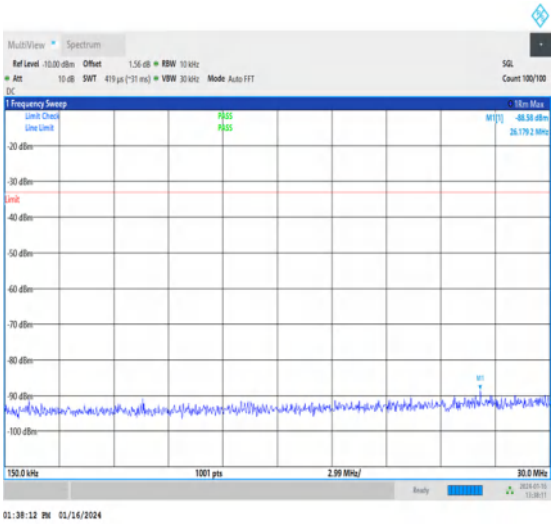
Conducted Spurious Emission for MIMO ANT1

Test Graphs

1-N25-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.06--102.32--43-PASS



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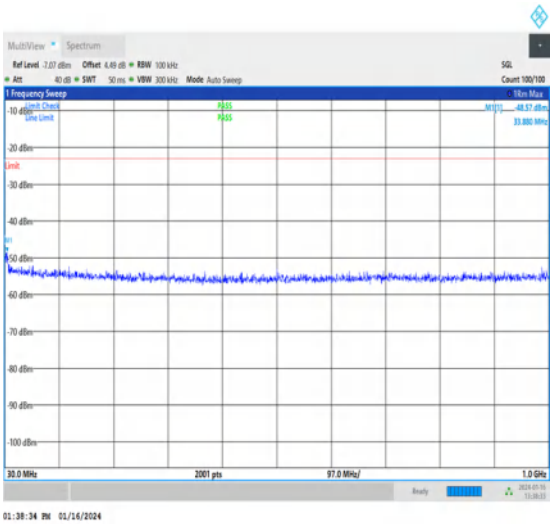

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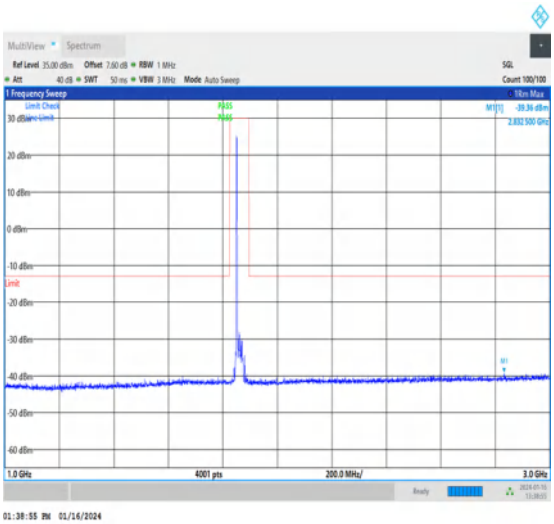

1-N25-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2831.00--39.36--13-PASS

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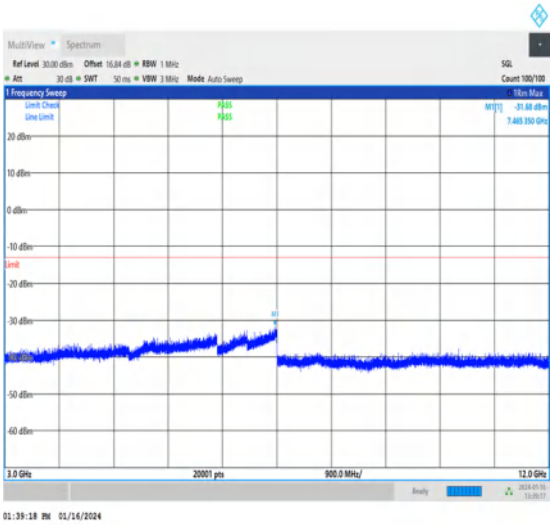

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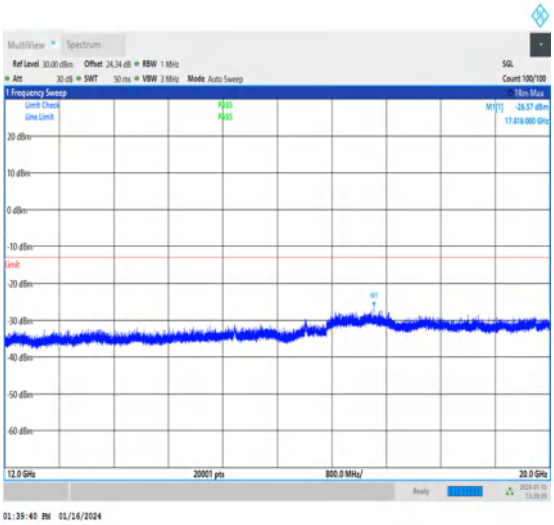

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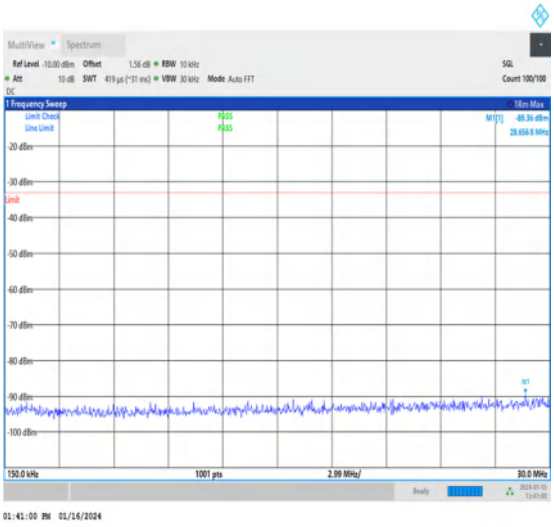

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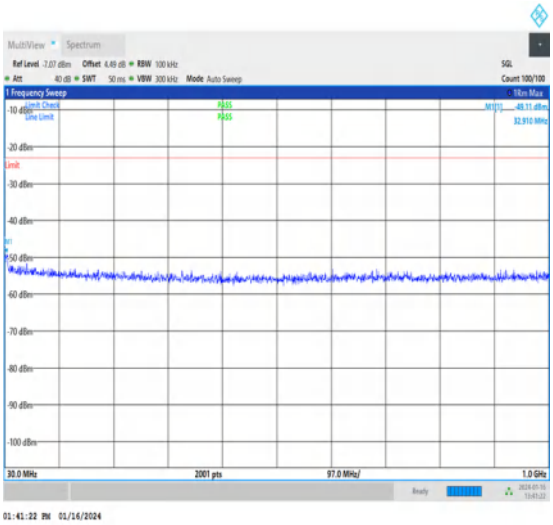

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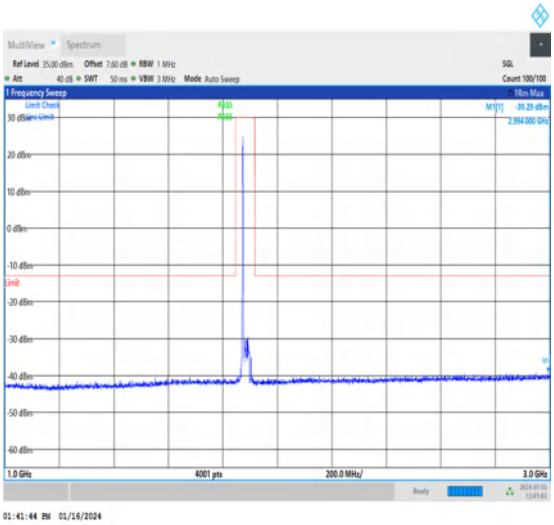

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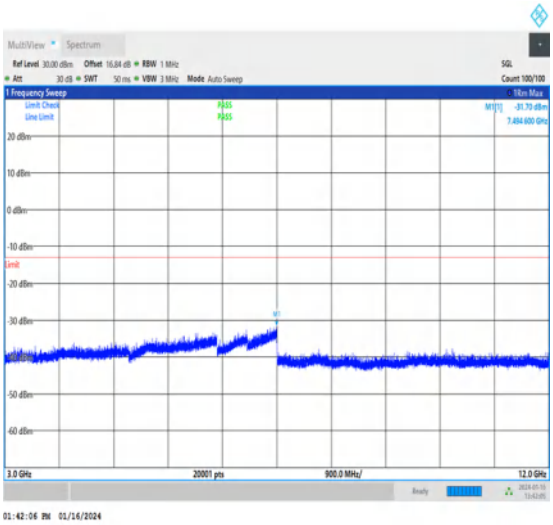

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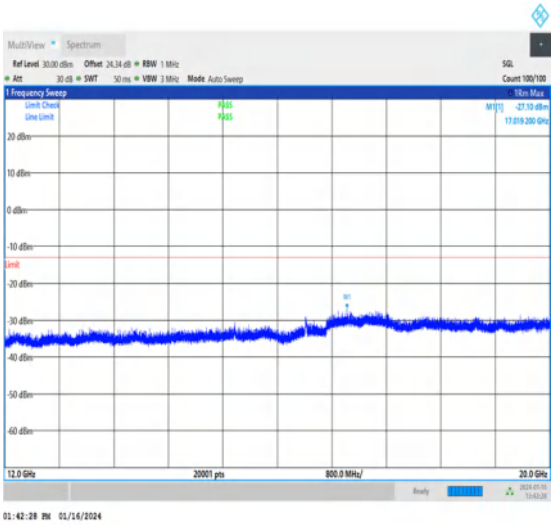

1-N25-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-17257.20--27.10--13-PASS

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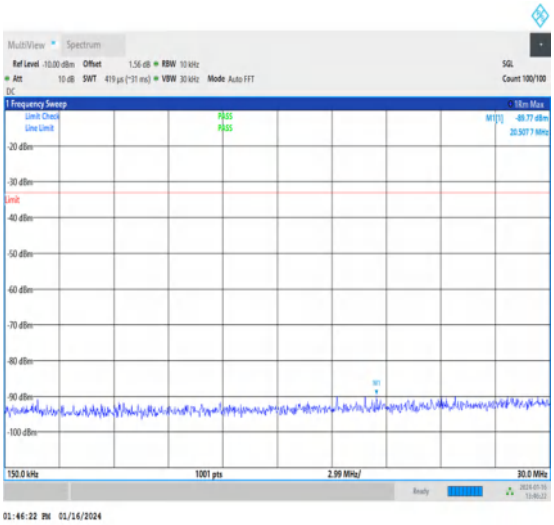
1-N25-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.06--102.51--43-PASS



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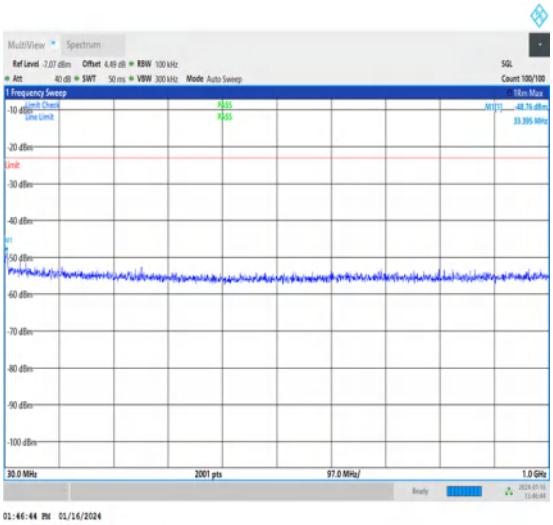

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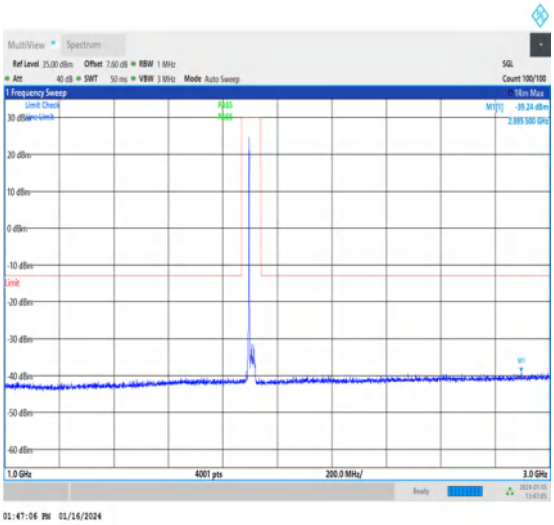

1-N25-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2905.50--39.24--13-PASS

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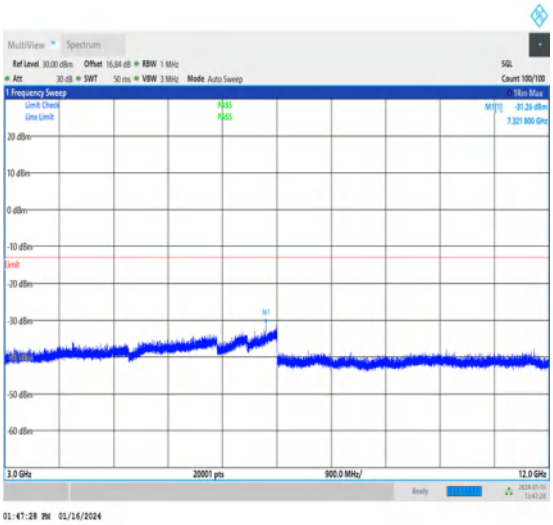	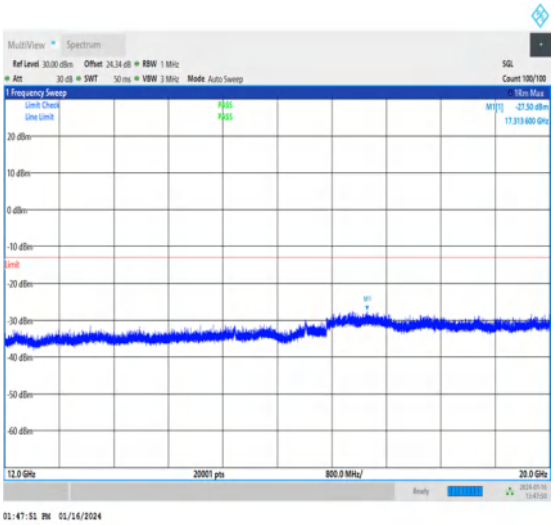
1-N25-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-7455.00--31.26--13-PASS	1-N25-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-18114.00--27.50--13-PASS

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Field Strength of Spurious Radiation

Test Band = SA Band25_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	3701.25	46.11	-45.51	29.97	-64.68	-13.00	51.68	129	44	Horizontal
2	5551.5	45.91	-45.15	32.97	-61.54	-13.00	48.54	226	104	Horizontal
3	7408.3600	39.66	-43.39	36.49	-62.50	-13.00	49.50	138	314	Horizontal
4	9260.4500	36.56	-40.23	38.39	-60.55	-13.00	47.55	259	164	Horizontal
5	11112.5400	32.80	-37.90	39.09	-61.26	-13.00	48.26	174	150	Horizontal
6	12964.6300	31.81	-37.25	39.80	-60.91	-13.00	47.91	201	330	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	3701.25	49.77	-45.51	29.97	-61.02	-13.00	48.02	255	356	Vertical
2	5552.25	48.54	-45.15	32.97	-58.90	-13.00	45.90	174	225	Vertical
3	7408.3600	39.64	-43.39	36.49	-62.52	-13.00	49.52	192	1	Vertical
4	9260.4500	36.75	-40.23	38.39	-60.36	-13.00	47.36	216	178	Vertical
5	11112.5400	32.34	-37.90	39.09	-61.72	-13.00	48.72	235	1	Vertical
6	12964.6300	31.88	-37.25	39.80	-60.84	-13.00	47.84	288	178	Vertical

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Test Band = SA Band25_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	3729.1800	41.53	-45.62	30.08	-69.28	-13.00	56.28	158	178	Horizontal
2	5593.7700	40.23	-45.08	33.01	-67.10	-13.00	54.10	281	208	Horizontal
3	7458.3600	39.06	-43.25	36.46	-62.99	-13.00	49.99	243	208	Horizontal
4	9322.9500	36.12	-40.13	38.43	-60.84	-13.00	47.84	163	133	Horizontal
5	11187.5400	33.02	-37.46	39.11	-60.59	-13.00	47.59	293	0	Horizontal
6	13052.1300	30.91	-37.16	39.85	-61.65	-13.00	48.65	252	194	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	3729.1800	41.11	-45.62	30.08	-69.70	-13.00	56.70	271	151	Vertical
2	5593.7700	40.02	-45.08	33.01	-67.31	-13.00	54.31	144	243	Vertical
3	7458.3600	39.26	-43.25	36.46	-62.79	-13.00	49.79	203	357	Vertical
4	9322.9500	36.87	-40.13	38.43	-60.09	-13.00	47.09	296	89	Vertical
5	11187.5400	32.76	-37.46	39.11	-60.85	-13.00	47.85	232	347	Vertical
6	13052.1300	31.99	-37.16	39.85	-60.57	-13.00	47.57	281	2	Vertical

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Test Band = SA Band25_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	3754.1800	41.45	-45.73	30.17	-69.37	-13.00	56.37	144	225	Horizontal
2	5631.2700	39.91	-45.00	33.14	-67.21	-13.00	54.21	251	0	Horizontal
3	7508.3600	39.79	-43.12	36.44	-62.16	-13.00	49.16	186	151	Horizontal
4	9385.4500	35.36	-39.89	38.48	-61.31	-13.00	48.31	239	165	Horizontal
5	11262.5400	32.97	-37.41	39.11	-60.59	-13.00	47.59	255	151	Horizontal
6	13139.6300	31.13	-37.08	39.89	-61.32	-13.00	48.32	184	225	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	3726	44.46	-45.61	30.06	-66.35	-13.00	53.35	288	0	Vertical
2	5589.75	46.24	-45.09	33.01	-61.10	-13.00	48.10	197	86	Vertical
3	7508.3600	38.31	-43.12	36.44	-63.64	-13.00	50.64	156	2	Vertical
4	9385.4500	34.73	-39.89	38.48	-61.94	-13.00	48.94	210	208	Vertical
5	11262.5400	32.55	-37.41	39.11	-61.01	-13.00	48.01	162	254	Vertical
6	13139.6300	30.41	-37.08	39.89	-62.04	-13.00	49.04	247	132	Vertical

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Test Band = SA Band 25 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	4432.5	44.49	-48.07	30.18	-68.66	-13.00	55.66	Horizontal
2	6473.25	43.57	-46.97	34.41	-64.25	-13.00	51.25	Horizontal
3	8658.75	41.17	-44.06	37.12	-61.03	-13.00	48.03	Horizontal
4	9324	41.12	-42.92	37.89	-59.17	-13.00	46.17	Horizontal
5	13566.75	36.76	-39.10	39.90	-57.69	-13.00	44.69	Horizontal
6	17976.75	34.23	-36.56	45.15	-52.44	-13.00	39.44	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3909	45.41	-48.28	29.27	-68.86	-13.00	55.86	Vertical
2	5410.5	44.37	-47.71	32.49	-66.11	-13.00	53.11	Vertical
3	6693.75	43.47	-46.58	34.93	-63.45	-13.00	50.45	Vertical
4	7672.5	42.40	-45.03	36.59	-61.30	-13.00	48.30	Vertical
5	9313.5	41.11	-42.90	37.88	-59.17	-13.00	46.17	Vertical
6	13094.25	36.74	-38.46	38.82	-58.16	-13.00	45.16	Vertical

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Test Band = SA Band 25 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	3791.25	44.84	-48.21	29.11	-69.52	-13.00	56.52	Horizontal
2	5241	43.71	-47.84	32.08	-67.32	-13.00	54.32	Horizontal
3	7560	41.54	-45.21	36.73	-62.20	-13.00	49.20	Horizontal
4	8826	41.31	-44.00	37.36	-60.59	-13.00	47.59	Horizontal
5	10741.5	38.34	-40.89	39.17	-58.64	-13.00	45.64	Horizontal
6	14752.5	35.86	-36.77	40.30	-55.87	-13.00	42.87	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3594	45.09	-48.28	28.83	-69.62	-13.00	56.62	Vertical
2	5043.75	43.92	-47.93	31.61	-67.66	-13.00	54.66	Vertical
3	7766.25	42.75	-45.01	36.48	-61.04	-13.00	48.04	Vertical
4	9302.25	41.24	-42.88	37.87	-59.03	-13.00	46.03	Vertical
5	12031.5	37.27	-39.49	39.18	-58.30	-13.00	45.30	Vertical
6	14774.25	35.57	-36.81	40.28	-56.22	-13.00	43.22	Vertical

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Test Band = SA Band 25 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	7713.75	42.36	-45.17	36.54	-61.53	-13.00	48.53	Horizontal
2	11485.5	37.87	-40.06	39.30	-58.15	-13.00	45.15	Horizontal
3	3320.36	43.89	-48.11	28.63	-70.85	-13.00	57.85	Horizontal
4	4150.45	42.50	-48.21	29.67	-71.30	-13.00	58.30	Horizontal
5	4980.54	43.76	-48.01	31.45	-68.06	-13.00	55.06	Horizontal
6	5810.63	42.45	-47.60	32.76	-67.64	-13.00	54.64	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7781.25	42.72	-44.97	36.46	-61.04	-13.00	48.04	Vertical
2	11200.5	38.08	-40.34	39.36	-58.16	-13.00	45.16	Vertical
3	3320.36	44.66	-48.11	28.63	-70.08	-13.00	57.08	Vertical
4	4150.45	44.15	-48.21	29.67	-69.65	-13.00	56.65	Vertical
5	4980.54	43.13	-48.01	31.45	-68.69	-13.00	55.69	Vertical
6	5810.63	42.68	-47.60	32.76	-67.41	-13.00	54.41	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 2A_n25A_ 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	4071.75	41.14	-45.84	30.91	-69.05	-13.00	56.05	129	152	Horizontal
2	5551.5	40.05	-45.15	32.97	-67.40	-13.00	54.40	248	318	Horizontal
3	7153.5	37.74	-43.79	36.48	-64.83	-13.00	51.83	244	20	Horizontal
4	9435.75	32.56	-39.97	38.48	-64.19	-13.00	51.19	156	138	Horizontal
5	11441.25	25.53	-37.35	39.06	-68.01	-13.00	55.01	235	228	Horizontal
6	14502	23.28	-34.85	40.01	-66.82	-13.00	53.82	124	152	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	4109.25	41.01	-45.76	30.96	-69.05	-13.00	56.05	213	347	Vertical
2	4843.5	45.11	-45.54	32.44	-63.24	-13.00	50.24	209	50	Vertical
3	7656	39.47	-43.04	36.50	-62.33	-13.00	49.33	164	274	Vertical
4	9485.25	33.09	-40.17	38.47	-63.87	-13.00	50.87	250	199	Vertical
5	11224.5	26.74	-37.40	39.11	-66.81	-13.00	53.81	134	243	Vertical
6	13767.75	25.37	-36.32	39.99	-66.22	-13.00	53.22	175	257	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 2A_n25A_ 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	4737	39.94	-45.58	32.13	-68.77	-13.00	55.77	169	360	Horizontal
2	6631.5	39.69	-44.18	35.50	-64.25	-13.00	51.25	240	3	Horizontal
3	8448.75	35.45	-41.53	37.43	-63.91	-13.00	50.91	132	224	Horizontal
4	10834.5	25.48	-38.33	39.19	-68.92	-13.00	55.92	142	253	Horizontal
5	12927	24.72	-37.17	39.76	-67.95	-13.00	54.95	144	268	Horizontal
6	15189.75	23.06	-34.03	38.96	-67.26	-13.00	54.26	289	118	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	3585.75	42.35	-46.15	29.60	-69.46	-13.00	56.46	126	1	Vertical
2	4912.5	40.94	-45.54	32.64	-67.23	-13.00	54.23	234	78	Vertical
3	6579	39.67	-44.40	35.35	-64.64	-13.00	51.64	278	331	Vertical
4	8937	34.36	-41.15	38.16	-63.89	-13.00	50.89	144	1	Vertical
5	12207	25.17	-37.48	39.13	-68.45	-13.00	55.45	210	301	Vertical
6	15157.5	23.24	-34.36	39.01	-67.37	-13.00	54.37	235	213	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 2A_n25A_ 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	4323	41.23	-45.60	31.35	-68.28	-13.00	55.28	124	296	Horizontal
2	6273.75	38.98	-44.60	34.35	-66.52	-13.00	53.52	189	360	Horizontal
3	8064	33.88	-41.72	37.03	-66.06	-13.00	53.06	253	296	Horizontal
4	9632.25	30.74	-39.60	38.40	-65.71	-13.00	52.71	264	4	Horizontal
5	12846	24.59	-36.96	39.68	-67.95	-13.00	54.95	172	237	Horizontal
6	15157.5	23.41	-34.36	39.01	-67.20	-13.00	54.20	201	74	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	3762.75	40.82	-45.76	30.20	-70.01	-13.00	57.01	219	140	Vertical
2	4843.5	45.17	-45.54	32.44	-63.18	-13.00	50.18	256	50	Vertical
3	7656	38.56	-43.04	36.50	-63.24	-13.00	50.24	234	274	Vertical
4	9513.75	32.99	-40.15	38.46	-63.96	-13.00	50.96	287	347	Vertical
5	11448	25.94	-37.34	39.06	-67.60	-13.00	54.60	145	154	Vertical
6	14625	23.74	-35.13	39.91	-66.75	-13.00	53.75	201	34	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 12A_n25A_ 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	3578.25	42.21	-46.16	29.59	-69.62	-13.00	56.62	297	316	Horizontal
2	4737.75	40.50	-45.58	32.13	-68.21	-13.00	55.21	248	168	Horizontal
3	7147.5	37.94	-43.83	36.46	-64.69	-13.00	51.69	256	92	Horizontal
4	8930.25	34.03	-41.17	38.16	-64.24	-13.00	51.24	123	92	Horizontal
5	11142	26.60	-37.73	39.10	-67.29	-13.00	54.29	238	4	Horizontal
6	13338	24.67	-36.66	40.08	-67.17	-13.00	54.17	301	152	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	4022.25	41.66	-45.98	30.83	-68.74	-13.00	55.74	284	242	Vertical
2	5704.5	39.59	-44.85	33.40	-67.11	-13.00	54.11	172	242	Vertical
3	9003	33.43	-40.98	38.20	-64.61	-13.00	51.61	216	64	Vertical
4	10353.75	28.00	-39.05	38.85	-67.46	-13.00	54.46	210	136	Vertical
5	12216	25.41	-37.48	39.13	-68.20	-13.00	55.20	192	182	Vertical
6	13842	25.01	-36.00	40.00	-66.25	-13.00	53.25	143	256	Vertical

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Test Band = NSA 12A_n25A_ 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	6033	39.81	-44.70	34.14	-66.01	-13.00	53.01	216	59	Horizontal
2	8580	33.77	-41.39	37.71	-65.17	-13.00	52.17	239	59	Horizontal
3	10288.5	28.23	-39.14	38.83	-67.34	-13.00	54.34	277	268	Horizontal
4	12212.25	25.17	-37.48	39.13	-68.44	-13.00	55.44	145	350	Horizontal
5	13824	25.15	-36.17	39.98	-66.30	-13.00	53.30	182	360	Horizontal
6	15867.75	24.26	-33.88	38.08	-66.80	-13.00	53.80	109	311	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	4843.5	44.57	-45.54	32.44	-63.78	-13.00	50.78	139	49	Vertical
2	6333	38.86	-44.50	34.48	-66.42	-13.00	53.42	284	185	Vertical
3	9378	31.40	-39.92	38.47	-65.30	-13.00	52.30	156	0	Vertical
4	11141.25	26.53	-37.73	39.10	-67.36	-13.00	54.36	247	4	Vertical
5	13363.5	24.22	-36.52	40.11	-67.45	-13.00	54.45	144	21	Vertical
6	16416.75	26.01	-34.38	37.75	-65.88	-13.00	52.88	286	154	Vertical

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Test Band = NSA 12A_n25A_ 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	4843.5	42.11	-45.54	32.44	-66.24	-13.00	53.24	186	352	Horizontal
2	6439.5	39.39	-44.49	34.78	-65.58	-13.00	52.58	294	313	Horizontal
3	8572.5	34.06	-41.41	37.69	-64.92	-13.00	51.92	273	360	Horizontal
4	10716.75	26.65	-38.00	39.15	-67.46	-13.00	54.46	166	4	Horizontal
5	13389	24.16	-36.37	40.14	-67.34	-13.00	54.34	241	165	Horizontal
6	16464	26.33	-34.07	37.85	-65.15	-13.00	52.15	215	285	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	4407	41.35	-45.81	31.52	-68.21	-13.00	55.21	126	77	Vertical
2	4843.5	44.42	-45.54	32.44	-63.93	-13.00	50.93	263	48	Vertical
3	6676.5	38.88	-43.94	35.59	-64.72	-13.00	51.72	284	91	Vertical
4	8383.5	34.52	-41.54	37.31	-64.97	-13.00	51.97	271	108	Vertical
5	9673.5	29.51	-39.50	38.36	-66.89	-13.00	53.89	244	196	Vertical
6	13929	23.54	-35.53	40.08	-67.17	-13.00	54.17	150	136	Vertical

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Test Band = NSA 7A_n25A_ 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	4843.5	42.28	-45.54	32.44	-66.07	-13.00	53.07	293	272	Horizontal
2	7017.75	38.94	-43.67	36.13	-63.86	-13.00	50.86	175	347	Horizontal
3	8946	33.91	-41.13	38.17	-64.31	-13.00	51.31	165	331	Horizontal
4	10711.5	26.65	-37.96	39.15	-67.42	-13.00	54.42	248	122	Horizontal
5	12914.25	25.63	-37.14	39.74	-67.03	-13.00	54.03	162	4	Horizontal
6	16815.75	26.14	-34.33	38.40	-65.05	-13.00	52.05	162	258	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	4432.5	40.74	-45.78	31.54	-68.76	-13.00	55.76	196	1	Vertical
2	4923.75	41.72	-45.56	32.67	-66.43	-13.00	53.43	237	316	Vertical
3	7200	37.32	-43.42	36.60	-64.76	-13.00	51.76	184	169	Vertical
4	8931.75	34.56	-41.16	38.16	-63.70	-13.00	50.70	155	316	Vertical
5	12795	25.55	-36.82	39.62	-66.91	-13.00	53.91	264	123	Vertical
6	15156.75	24.19	-34.37	39.01	-66.43	-13.00	53.43	174	332	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 7A_n25A_ 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	3734.25	40.59	-45.64	30.09	-70.22	-13.00	57.22	159	207	Horizontal
2	4749	40.34	-45.57	32.16	-68.33	-13.00	55.33	263	28	Horizontal
3	6183	39.64	-44.71	34.19	-66.13	-13.00	53.13	274	350	Horizontal
4	9094.5	31.95	-40.39	38.27	-65.43	-13.00	52.43	185	350	Horizontal
5	11346.75	26.76	-37.40	39.11	-66.79	-13.00	53.79	151	73	Horizontal
6	13701	24.79	-36.16	40.05	-66.58	-13.00	53.58	242	340	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	4078.5	40.92	-45.82	30.92	-69.24	-13.00	56.24	187	303	Vertical
2	5553.75	39.96	-45.15	32.97	-67.48	-13.00	54.48	149	347	Vertical
3	8856.75	33.13	-41.24	38.11	-65.26	-13.00	52.26	256	79	Vertical
4	10367.25	27.93	-39.04	38.85	-67.51	-13.00	54.51	243	317	Vertical
5	12186.75	25.60	-37.47	39.12	-68.01	-13.00	55.01	185	139	Vertical
6	16323.75	25.71	-34.60	37.68	-66.46	-13.00	53.46	162	0	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 7A_n25A_ 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	3869.25	41.38	-46.17	30.49	-69.56	-13.00	56.56	249	296	Horizontal
2	4843.5	42.21	-45.54	32.44	-66.14	-13.00	53.14	256	44	Horizontal
3	6747.75	38.97	-43.98	35.74	-64.54	-13.00	51.54	243	74	Horizontal
4	9486.75	32.74	-40.18	38.47	-64.23	-13.00	51.23	152	147	Horizontal
5	12015	24.67	-37.59	38.98	-69.19	-13.00	56.19	175	88	Horizontal
6	12782.25	25.66	-36.80	39.60	-66.80	-13.00	53.80	250	74	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	4005	41.26	-46.03	30.81	-69.22	-13.00	56.22	194	0	Vertical
2	4926	41.43	-45.56	32.67	-66.72	-13.00	53.72	286	0	Vertical
3	6997.5	38.85	-43.56	36.08	-63.90	-13.00	50.90	235	3	Vertical
4	12324	24.76	-37.45	39.09	-68.85	-13.00	55.85	302	0	Vertical
5	15158.25	23.43	-34.35	39.01	-67.17	-13.00	54.17	167	244	Vertical
6	16456.5	26.69	-34.12	37.84	-64.86	-13.00	51.86	180	138	Vertical

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Test Band = NR CA 7A_n25A_ 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	3954.75	43.07	-46.15	30.69	-67.64	-25.00	42.64	155	168	Horizontal
2	5001	49.48	-45.64	32.88	-58.54	-25.00	33.54	146	242	Horizontal
3	7501.5	51.33	-43.14	36.44	-50.63	-25.00	25.63	195	242	Horizontal
4	8587.5	36.29	-41.37	37.72	-62.61	-25.00	37.61	185	92	Horizontal
5	11349.75	28.76	-37.40	39.11	-64.79	-25.00	39.79	142	347	Horizontal
6	13844.25	26.59	-35.98	40.00	-64.65	-25.00	39.65	173	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	3922.5	42.83	-46.23	30.62	-68.04	-25.00	43.04	126	0	Vertical
2	4843.5	48.69	-45.54	32.44	-59.66	-25.00	34.66	155	46	Vertical
3	6011.25	41.56	-44.79	34.13	-64.35	-25.00	39.35	142	356	Vertical
4	7501.5	53.31	-43.14	36.44	-48.65	-25.00	23.65	136	182	Vertical
5	9462.75	34.40	-40.08	38.47	-62.47	-25.00	37.47	259	0	Vertical
6	11406	28.14	-37.37	39.10	-65.38	-25.00	40.38	199	196	Vertical

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Test Band = NR CA 7A_n25A_ 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	3953.25	43.06	-46.15	30.69	-67.66	-25.00	42.66	258	9	Horizontal
2	4760.25	42.16	-45.56	32.20	-66.47	-25.00	41.47	174	272	Horizontal
3	8009.25	36.94	-42.26	37.01	-63.57	-25.00	38.57	159	136	Horizontal
4	10356.75	30.05	-39.04	38.85	-65.41	-25.00	40.41	196	272	Horizontal
5	11961	25.49	-37.42	38.93	-68.27	-25.00	43.27	152	9	Horizontal
6	14616	24.98	-35.19	39.92	-65.55	-25.00	40.55	153	257	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	3975.75	42.46	-46.10	30.74	-68.16	-25.00	43.16	125	272	Vertical
2	5976.75	41.36	-44.86	34.09	-64.68	-25.00	39.68	155	314	Vertical
3	7656	39.62	-43.04	36.50	-62.18	-25.00	37.18	163	224	Vertical
4	9623.25	32.49	-39.62	38.41	-63.97	-25.00	38.97	144	16	Vertical
5	12884.25	26.82	-37.07	39.71	-65.79	-25.00	40.79	199	240	Vertical
6	14499	24.42	-34.84	40.01	-65.67	-25.00	40.67	182	120	Vertical

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Test Band = NR CA 7A_n25A_ 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	4274.25	42.02	-45.60	31.25	-67.59	-25.00	42.59	254	77	Horizontal
2	5084.25	41.70	-45.41	32.93	-66.05	-25.00	41.05	126	0	Horizontal
3	7831.5	37.18	-42.47	36.82	-63.73	-25.00	38.73	199	183	Horizontal
4	10677	27.83	-38.02	39.12	-66.32	-25.00	41.32	148	0	Horizontal
5	12192	26.43	-37.48	39.12	-67.18	-25.00	42.18	175	357	Horizontal
6	15342.75	24.99	-34.02	38.78	-65.51	-25.00	40.51	153	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	3213.75	43.16	-45.83	29.66	-68.27	-25.00	43.27	245	8	Vertical
2	4930.5	42.87	-45.56	32.69	-65.27	-25.00	40.27	169	151	Vertical
3	6480.75	40.59	-44.57	34.95	-64.29	-25.00	39.29	125	0	Vertical
4	8498.25	36.83	-41.62	37.54	-62.51	-25.00	37.51	188	182	Vertical
5	10095	30.47	-39.13	38.64	-65.27	-25.00	40.27	149	3	Vertical
6	12771.75	26.38	-36.79	39.58	-66.09	-25.00	41.09	175	122	Vertical

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Test Band = NR CA 12A_n25A_ 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	2085.7143	44.52	-47.74	26.94	-71.54	-13.00	58.54	215	177	Horizontal
2	3000.5714	43.38	-46.52	29.35	-69.05	-13.00	56.05	211	151	Horizontal
3	3837.1429	41.53	-46.19	30.42	-69.50	-13.00	56.50	136	0	Horizontal
4	4719.4286	40.92	-45.77	32.07	-68.03	-13.00	55.03	256	126	Horizontal
5	6416.5714	40.11	-44.73	34.69	-65.19	-13.00	52.19	291	20	Horizontal
6	7053.1429	38.58	-43.92	36.22	-64.38	-13.00	51.38	147	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	1718.8571	59.56	-48.12	25.40	-58.42	-13.00	45.42	256	182	Vertical
2	1874.8571	44.83	-48.02	25.88	-72.57	-13.00	59.57	142	196	Vertical
3	2417.1429	43.74	-47.42	27.50	-71.44	-13.00	58.44	136	360	Vertical
4	3030.8571	43.68	-46.59	29.40	-68.77	-13.00	55.77	261	221	Vertical
5	3584	42.82	-46.37	29.60	-69.22	-13.00	56.22	148	221	Vertical
6	4844	49.14	-45.61	32.44	-59.29	-13.00	46.29	195	50	Vertical

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Test Band = NR CA 12A_n25A_ 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	1472	55.80	-48.23	25.52	-62.17	-13.00	49.17	256	32	Horizontal
2	1718.8571	56.70	-48.12	25.40	-61.28	-13.00	48.28	136	59	Horizontal
3	3125.1429	49.73	-46.63	29.56	-62.61	-13.00	49.61	221	164	Horizontal
4	4589.1429	41.39	-45.77	31.70	-67.94	-13.00	54.94	184	216	Horizontal
5	4843.4286	45.25	-45.61	32.44	-63.18	-13.00	50.18	185	32	Horizontal
6	5762.2857	40.57	-44.63	33.61	-65.70	-13.00	52.70	176	216	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	2338.2857	43.43	-47.48	27.41	-71.90	-13.00	58.90	254	4	Vertical
2	2829.7143	43.52	-46.82	28.61	-69.95	-13.00	56.95	136	130	Vertical
3	3519.4286	43.34	-46.50	29.54	-68.88	-13.00	55.88	288	183	Vertical
4	4438.2857	41.50	-45.78	31.55	-67.99	-13.00	54.99	142	157	Vertical
5	5567.4286	40.61	-45.23	32.98	-66.89	-13.00	53.89	199	183	Vertical
6	6607.4286	39.66	-44.46	35.45	-64.60	-13.00	51.60	144	38	Vertical

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Test Band = NR CA 12A_n25A_ 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	1841.7143	44.02	-47.99	25.68	-73.55	-13.00	60.55	216	138	Horizontal
2	2192.5714	43.99	-47.68	27.31	-71.64	-13.00	58.64	154	138	Horizontal
3	2870.2857	43.46	-46.67	28.79	-69.69	-13.00	56.69	126	124	Horizontal
4	3762.8571	41.32	-46.16	30.20	-69.90	-13.00	56.90	136	0	Horizontal
5	5156.5714	40.61	-45.16	32.97	-66.84	-13.00	53.84	258	307	Horizontal
6	6416.5714	39.39	-44.73	34.69	-65.91	-13.00	52.91	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	2187.4286	44.10	-47.68	27.30	-71.55	-13.00	58.55	255	287	Vertical
2	2730.2857	44.01	-47.01	28.35	-69.91	-13.00	56.91	142	360	Vertical
3	3460.5714	43.56	-46.54	29.48	-68.76	-13.00	55.76	136	117	Vertical
4	4104.5714	41.98	-45.90	30.96	-68.23	-13.00	55.23	256	354	Vertical
5	5840	40.21	-44.78	33.83	-66.01	-13.00	53.01	145	354	Vertical
6	6992	38.95	-43.62	36.07	-63.86	-13.00	50.86	199	234	Vertical

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Test on the worst case:

Test Band = NR CA n7A-n25A_ 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	3952.5	46.03	-48.23	29.33	-68.13	-25.00	43.13	Horizontal
2	5233.5	45.06	-47.85	32.06	-65.99	-25.00	40.99	Horizontal
3	6442	44.88	-46.96	34.30	-63.03	-25.00	38.03	Horizontal
4	9009	41.24	-43.14	37.61	-59.55	-25.00	34.55	Horizontal
5	10926	39.01	-40.19	39.33	-57.11	-25.00	32.11	Horizontal
6	14819.5	37.14	-36.95	40.24	-54.83	-25.00	29.83	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3495.5	45.78	-48.30	28.70	-69.08	-25.00	44.08	Vertical
2	5153	44.71	-47.86	31.87	-66.54	-25.00	41.54	Vertical
3	7225	44.40	-46.19	36.14	-60.91	-25.00	35.91	Vertical
4	9900	40.65	-42.11	38.41	-58.31	-25.00	33.31	Vertical
5	14729	37.20	-36.73	40.32	-54.47	-25.00	29.47	Vertical
6	17986	36.52	-36.58	45.21	-50.11	-25.00	25.11	Vertical

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Test Band = NR CA n7A-n25A_ 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	3870	46.05	-48.26	29.22	-68.25	-25.00	43.25	Horizontal
2	5351	44.97	-47.75	32.34	-65.70	-25.00	40.70	Horizontal
3	6693.5	44.54	-46.58	34.93	-62.38	-25.00	37.38	Horizontal
4	8800	42.55	-43.99	37.32	-59.38	-25.00	34.38	Horizontal
5	11357	39.12	-40.24	39.33	-57.05	-25.00	32.05	Horizontal
6	14783	37.06	-36.82	40.27	-54.75	-25.00	29.75	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3818.5	45.14	-48.20	29.15	-69.17	-25.00	44.17	Vertical
2	5596	45.54	-47.70	32.72	-64.70	-25.00	39.70	Vertical
3	8405.5	42.36	-44.12	36.77	-60.25	-25.00	35.25	Vertical
4	11214.5	39.10	-40.36	39.36	-57.16	-25.00	32.16	Vertical
5	12751	38.62	-39.29	38.75	-57.18	-25.00	32.18	Vertical
6	17976	36.23	-36.56	45.15	-50.45	-25.00	25.45	Vertical

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Test Band = NR CA n7A-n25A_ 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	4332	45.25	-47.89	30.00	-67.90	-25.00	42.90	Horizontal
2	7058.5	43.95	-46.15	35.74	-61.72	-25.00	36.72	Horizontal
3	9309	41.89	-42.90	37.88	-58.39	-25.00	33.39	Horizontal
4	12102.5	38.43	-39.63	39.14	-57.33	-25.00	32.33	Horizontal
5	14732	37.60	-36.73	40.31	-54.08	-25.00	29.08	Horizontal
6	17826	36.74	-37.17	44.19	-51.50	-25.00	26.50	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3774.5	45.30	-48.26	29.08	-69.14	-25.00	44.14	Vertical
2	5436	45.00	-47.68	32.55	-65.39	-25.00	40.39	Vertical
3	7023	44.31	-46.42	35.66	-61.72	-25.00	36.72	Vertical
4	7669	43.63	-45.01	36.60	-60.04	-25.00	35.04	Vertical
5	10436	39.63	-41.03	38.89	-57.77	-25.00	32.77	Vertical
6	14831	37.64	-37.01	40.24	-54.40	-25.00	29.40	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-5.700000	-0.003028	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	0.600000	0.000319	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-3.100000	-0.001647	PASS
N25	15	20	CP-QPSK	M	Outer_Full	VH	NT	-5.900000	-0.003134	PASS
N25	15	20	CP-QPSK	M	Outer_Full	VN	NT	-0.600000	-0.000319	PASS
N25	15	20	CP-QPSK	M	Outer_Full	VL	NT	-4.800000	-0.002550	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	0.100000	0.000053	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	2.800000	0.001487	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	1.300000	0.000691	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-2.000000	-0.001062	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-2.500000	-0.001328	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-2.900000	-0.001541	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-0.900000	-0.000478	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-0.500000	-0.000266	PASS
N25	15	20	DFT-	M	Outer_Full	NV	50	-0.200000	-0.000106	PASS

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			PI2BPSK							
N25	15	20	CP-QPSK	M	Outer_Full	NV	-30	-3.300000	-0.001753	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	-20	-8.100000	-0.004303	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	-10	-4.300000	-0.002284	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	0	-1.600000	-0.000850	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	10	-4.500000	-0.002390	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	20	-0.900000	-0.000478	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	30	-2.300000	-0.001222	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	40	-3.000000	-0.001594	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	50	-6.000000	-0.003187	PASS

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