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Appendix B.22

NR Band n7



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	LIMIT	Verdict
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.48	25.38	33	PASS
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.48	25.38	33	PASS
N7	15	5	DFT-PI2BPSK	L	Outer_Full	23.02	24.92	33	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Left	23.42	25.32	33	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Right	23.53	25.43	33	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	22.56	24.46	33	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Left	22.49	24.39	33	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Right	22.41	24.31	33	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	21.59	23.49	33	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Left	21.19	23.09	33	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Right	21.21	23.11	33	PASS
N7	15	5	DFT-64QAM	L	Outer_Full	21.06	22.96	33	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Left	18.45	20.35	33	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Right	18.6	20.5	33	PASS
N7	15	5	DFT-256QAM	L	Outer_Full	19.02	20.92	33	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.54	25.44	33	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.52	25.42	33	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	23.06	24.96	33	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Left	23.42	25.32	33	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Right	23.46	25.36	33	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	22.52	24.42	33	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Left	22.41	24.31	33	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Right	22.47	24.37	33	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	21.55	23.45	33	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Left	21.18	23.08	33	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Right	21.26	23.16	33	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	21.1	23	33	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Left	18.49	20.39	33	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Right	18.53	20.43	33	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	18.98	20.88	33	PASS
N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.52	25.42	33	PASS



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N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.54	25.44	33	PASS
N7	15	5	DFT-PI2BPSK	H	Outer_Full	23.01	24.91	33	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Left	23.39	25.29	33	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Right	23.43	25.33	33	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	22.52	24.42	33	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Left	22.49	24.39	33	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Right	22.44	24.34	33	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	21.46	23.36	33	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Left	21.12	23.02	33	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Right	21.21	23.11	33	PASS
N7	15	5	DFT-64QAM	H	Outer_Full	20.97	22.87	33	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Left	18.33	20.23	33	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Right	18.51	20.41	33	PASS
N7	15	5	DFT-256QAM	H	Outer_Full	18.95	20.85	33	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.57	25.47	33	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.57	25.47	33	PASS
N7	15	10	DFT-PI2BPSK	L	Outer_Full	23.09	24.99	33	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Left	23.47	25.37	33	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Right	23.47	25.37	33	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	22.56	24.46	33	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Left	22.42	24.32	33	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Right	22.39	24.29	33	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	21.59	23.49	33	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Left	21.14	23.04	33	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Right	21.12	23.02	33	PASS
N7	15	10	DFT-64QAM	L	Outer_Full	21.12	23.02	33	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Left	18.39	20.29	33	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Right	18.57	20.47	33	PASS
N7	15	10	DFT-256QAM	L	Outer_Full	19.03	20.93	33	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.58	25.48	33	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.54	25.44	33	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	23.1	25	33	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Left	23.43	25.33	33	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Right	23.42	25.32	33	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	22.54	24.44	33	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Left	22.44	24.34	33	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Right	22.43	24.33	33	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	21.53	23.43	33	PASS



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N7	15	10	DFT-64QAM	M	Inner_1RB_Left	21.01	22.91	33	PASS
N7	15	10	DFT-64QAM	M	Inner_1RB_Right	21.28	23.18	33	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	21.09	22.99	33	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Left	18.52	20.42	33	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Right	18.52	20.42	33	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	19.02	20.92	33	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.39	25.29	33	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.55	25.45	33	PASS
N7	15	10	DFT-PI2BPSK	H	Outer_Full	23.02	24.92	33	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Left	23.3	25.2	33	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Right	23.39	25.29	33	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	22.51	24.41	33	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Left	22.31	24.21	33	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Right	22.39	24.29	33	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	21.41	23.31	33	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Left	21.07	22.97	33	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Right	21.23	23.13	33	PASS
N7	15	10	DFT-64QAM	H	Outer_Full	20.98	22.88	33	PASS
N7	15	10	DFT-256QAM	H	Inner_1RB_Left	18.34	20.24	33	PASS
N7	15	10	DFT-256QAM	H	Inner_1RB_Right	18.52	20.42	33	PASS
N7	15	10	DFT-256QAM	H	Outer_Full	18.92	20.82	33	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.72	25.62	33	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.78	25.68	33	PASS
N7	15	15	DFT-PI2BPSK	L	Outer_Full	23.29	25.19	33	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Left	23.56	25.46	33	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Right	23.66	25.56	33	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	22.76	24.66	33	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Left	22.59	24.49	33	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Right	22.58	24.48	33	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	21.8	23.7	33	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Left	21.41	23.31	33	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Right	21.36	23.26	33	PASS
N7	15	15	DFT-64QAM	L	Outer_Full	21.24	23.14	33	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Left	18.66	20.56	33	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Right	18.73	20.63	33	PASS
N7	15	15	DFT-256QAM	L	Outer_Full	19.18	21.08	33	PASS
N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.8	25.7	33	PASS
N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.75	25.65	33	PASS



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N7	15	15	DFT-PI2BPSK	M	Outer_Full	23.35	25.25	33	PASS
N7	15	15	DFT-QPSK	M	Inner_1RB_Left	23.72	25.62	33	PASS
N7	15	15	DFT-QPSK	M	Inner_1RB_Right	23.67	25.57	33	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	22.86	24.76	33	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Left	22.68	24.58	33	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Right	22.6	24.5	33	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	21.89	23.79	33	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Left	21.38	23.28	33	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Right	21.43	23.33	33	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	21.41	23.31	33	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Left	18.66	20.56	33	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Right	18.7	20.6	33	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	19.32	21.22	33	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.56	25.46	33	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.65	25.55	33	PASS
N7	15	15	DFT-PI2BPSK	H	Outer_Full	23.1	25	33	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Left	23.41	25.31	33	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Right	23.51	25.41	33	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	22.56	24.46	33	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Left	22.44	24.34	33	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Right	22.51	24.41	33	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	21.61	23.51	33	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Left	21.14	23.04	33	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Right	21.22	23.12	33	PASS
N7	15	15	DFT-64QAM	H	Outer_Full	21.1	23	33	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Left	18.49	20.39	33	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Right	18.45	20.35	33	PASS
N7	15	15	DFT-256QAM	H	Outer_Full	19.02	20.92	33	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.63	25.53	33	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.69	25.59	33	PASS
N7	15	20	DFT-PI2BPSK	L	Outer_Full	23.29	25.19	33	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Left	23.53	25.43	33	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Right	23.58	25.48	33	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	22.76	24.66	33	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Left	22.49	24.39	33	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Right	22.6	24.5	33	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	21.78	23.68	33	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Left	21.31	23.21	33	PASS



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N7	15	20	DFT-64QAM	L	Inner_1RB_Right	21.38	23.28	33	PASS
N7	15	20	DFT-64QAM	L	Outer_Full	21.4	23.3	33	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Left	18.64	20.54	33	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Right	18.72	20.62	33	PASS
N7	15	20	DFT-256QAM	L	Outer_Full	19.3	21.2	33	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.75	25.65	33	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.63	25.53	33	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	23.32	25.22	33	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Left	23.52	25.42	33	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Right	23.62	25.52	33	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	22.8	24.7	33	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Left	22.64	24.54	33	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Right	22.54	24.44	33	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	21.77	23.67	33	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Left	21.44	23.34	33	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Right	21.42	23.32	33	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	21.36	23.26	33	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Left	18.75	20.65	33	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Right	18.67	20.57	33	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	19.29	21.19	33	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.49	25.39	33	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.58	25.48	33	PASS
N7	15	20	DFT-PI2BPSK	H	Outer_Full	23.06	24.96	33	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Left	23.52	25.42	33	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Right	23.63	25.53	33	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	22.52	24.42	33	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Left	22.32	24.22	33	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Right	22.53	24.43	33	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	21.54	23.44	33	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Left	21.1	23	33	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Right	21.3	23.2	33	PASS
N7	15	20	DFT-64QAM	H	Outer_Full	21.1	23	33	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Left	18.49	20.39	33	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Right	18.62	20.52	33	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	19.1	21	33	PASS
N7	15	25	DFT-PI2BPSK	L	Inner_1RB_Left	23.79	25.69	33	PASS
N7	15	25	DFT-PI2BPSK	L	Inner_1RB_Right	23.72	25.62	33	PASS
N7	15	25	DFT-PI2BPSK	L	Outer_Full	23.25	25.15	33	PASS



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N7	15	25	DFT-QPSK	L	Inner_1RB_Left	23.67	25.57	33	PASS
N7	15	25	DFT-QPSK	L	Inner_1RB_Right	23.6	25.5	33	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	22.7	24.6	33	PASS
N7	15	25	DFT-16QAM	L	Inner_1RB_Left	22.54	24.44	33	PASS
N7	15	25	DFT-16QAM	L	Inner_1RB_Right	22.56	24.46	33	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	21.81	23.71	33	PASS
N7	15	25	DFT-64QAM	L	Inner_1RB_Left	21.36	23.26	33	PASS
N7	15	25	DFT-64QAM	L	Inner_1RB_Right	21.36	23.26	33	PASS
N7	15	25	DFT-64QAM	L	Outer_Full	21.27	23.17	33	PASS
N7	15	25	DFT-256QAM	L	Inner_1RB_Left	18.61	20.51	33	PASS
N7	15	25	DFT-256QAM	L	Inner_1RB_Right	18.67	20.57	33	PASS
N7	15	25	DFT-256QAM	L	Outer_Full	19.31	21.21	33	PASS
N7	15	25	DFT-PI2BPSK	M	Inner_1RB_Left	23.73	25.63	33	PASS
N7	15	25	DFT-PI2BPSK	M	Inner_1RB_Right	23.76	25.66	33	PASS
N7	15	25	DFT-PI2BPSK	M	Outer_Full	23.28	25.18	33	PASS
N7	15	25	DFT-QPSK	M	Inner_1RB_Left	23.64	25.54	33	PASS
N7	15	25	DFT-QPSK	M	Inner_1RB_Right	23.62	25.52	33	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	22.8	24.7	33	PASS
N7	15	25	DFT-16QAM	M	Inner_1RB_Left	22.36	24.26	33	PASS
N7	15	25	DFT-16QAM	M	Inner_1RB_Right	22.52	24.42	33	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	21.76	23.66	33	PASS
N7	15	25	DFT-64QAM	M	Inner_1RB_Left	21.43	23.33	33	PASS
N7	15	25	DFT-64QAM	M	Inner_1RB_Right	21.38	23.28	33	PASS
N7	15	25	DFT-64QAM	M	Outer_Full	21.25	23.15	33	PASS
N7	15	25	DFT-256QAM	M	Inner_1RB_Left	18.62	20.52	33	PASS
N7	15	25	DFT-256QAM	M	Inner_1RB_Right	18.66	20.56	33	PASS
N7	15	25	DFT-256QAM	M	Outer_Full	19.32	21.22	33	PASS
N7	15	25	DFT-PI2BPSK	H	Inner_1RB_Left	23.56	25.46	33	PASS
N7	15	25	DFT-PI2BPSK	H	Inner_1RB_Right	23.56	25.46	33	PASS
N7	15	25	DFT-PI2BPSK	H	Outer_Full	23.333	25.233	33	PASS
N7	15	25	DFT-QPSK	H	Inner_1RB_Left	23.42	25.32	33	PASS
N7	15	25	DFT-QPSK	H	Inner_1RB_Right	23.57	25.47	33	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	22.51	24.41	33	PASS
N7	15	25	DFT-16QAM	H	Inner_1RB_Left	22.47	24.37	33	PASS
N7	15	25	DFT-16QAM	H	Inner_1RB_Right	22.57	24.47	33	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	21.49	23.39	33	PASS
N7	15	25	DFT-64QAM	H	Inner_1RB_Left	21.26	23.16	33	PASS
N7	15	25	DFT-64QAM	H	Inner_1RB_Right	21.32	23.22	33	PASS



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N7	15	25	DFT-64QAM	H	Outer_Full	21	22.9	33	PASS
N7	15	25	DFT-256QAM	H	Inner_1RB_Left	18.57	20.47	33	PASS
N7	15	25	DFT-256QAM	H	Inner_1RB_Right	18.63	20.53	33	PASS
N7	15	25	DFT-256QAM	H	Outer_Full	19.06	20.96	33	PASS
N7	15	30	DFT-PI2BPSK	L	Inner_1RB_Left	23.77	25.67	33	PASS
N7	15	30	DFT-PI2BPSK	L	Inner_1RB_Right	23.83	25.73	33	PASS
N7	15	30	DFT-PI2BPSK	L	Outer_Full	23.3	25.2	33	PASS
N7	15	30	DFT-QPSK	L	Inner_1RB_Left	23.65	25.55	33	PASS
N7	15	30	DFT-QPSK	L	Inner_1RB_Right	23.75	25.65	33	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	22.8	24.7	33	PASS
N7	15	30	DFT-16QAM	L	Inner_1RB_Left	22.57	24.47	33	PASS
N7	15	30	DFT-16QAM	L	Inner_1RB_Right	22.74	24.64	33	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	21.77	23.67	33	PASS
N7	15	30	DFT-64QAM	L	Inner_1RB_Left	21.37	23.27	33	PASS
N7	15	30	DFT-64QAM	L	Inner_1RB_Right	21.41	23.31	33	PASS
N7	15	30	DFT-64QAM	L	Outer_Full	21.3	23.2	33	PASS
N7	15	30	DFT-256QAM	L	Inner_1RB_Left	18.71	20.61	33	PASS
N7	15	30	DFT-256QAM	L	Inner_1RB_Right	18.78	20.68	33	PASS
N7	15	30	DFT-256QAM	L	Outer_Full	19.31	21.21	33	PASS
N7	15	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.73	25.63	33	PASS
N7	15	30	DFT-PI2BPSK	M	Inner_1RB_Right	23.67	25.57	33	PASS
N7	15	30	DFT-PI2BPSK	M	Outer_Full	23.36	25.26	33	PASS
N7	15	30	DFT-QPSK	M	Inner_1RB_Left	23.63	25.53	33	PASS
N7	15	30	DFT-QPSK	M	Inner_1RB_Right	23.59	25.49	33	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	22.83	24.73	33	PASS
N7	15	30	DFT-16QAM	M	Inner_1RB_Left	22.67	24.57	33	PASS
N7	15	30	DFT-16QAM	M	Inner_1RB_Right	22.6	24.5	33	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	21.83	23.73	33	PASS
N7	15	30	DFT-64QAM	M	Inner_1RB_Left	21.45	23.35	33	PASS
N7	15	30	DFT-64QAM	M	Inner_1RB_Right	21.35	23.25	33	PASS
N7	15	30	DFT-64QAM	M	Outer_Full	21.42	23.32	33	PASS
N7	15	30	DFT-256QAM	M	Inner_1RB_Left	18.76	20.66	33	PASS
N7	15	30	DFT-256QAM	M	Inner_1RB_Right	18.72	20.62	33	PASS
N7	15	30	DFT-256QAM	M	Outer_Full	19.34	21.24	33	PASS
N7	15	30	DFT-PI2BPSK	H	Inner_1RB_Left	23.7	25.6	33	PASS
N7	15	30	DFT-PI2BPSK	H	Inner_1RB_Right	23.74	25.64	33	PASS
N7	15	30	DFT-PI2BPSK	H	Outer_Full	23.22	25.12	33	PASS
N7	15	30	DFT-QPSK	H	Inner_1RB_Left	23.53	25.43	33	PASS



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N7	15	30	DFT-QPSK	H	Inner_1RB_Right	23.63	25.53	33	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	22.71	24.61	33	PASS
N7	15	30	DFT-16QAM	H	Inner_1RB_Left	22.56	24.46	33	PASS
N7	15	30	DFT-16QAM	H	Inner_1RB_Right	22.61	24.51	33	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	21.74	23.64	33	PASS
N7	15	30	DFT-64QAM	H	Inner_1RB_Left	21.33	23.23	33	PASS
N7	15	30	DFT-64QAM	H	Inner_1RB_Right	21.41	23.31	33	PASS
N7	15	30	DFT-64QAM	H	Outer_Full	21.27	23.17	33	PASS
N7	15	30	DFT-256QAM	H	Inner_1RB_Left	18.75	20.65	33	PASS
N7	15	30	DFT-256QAM	H	Inner_1RB_Right	18.71	20.61	33	PASS
N7	15	30	DFT-256QAM	H	Outer_Full	19.23	21.13	33	PASS
N7	15	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.71	25.61	33	PASS
N7	15	40	DFT-PI2BPSK	L	Inner_1RB_Right	23.83	25.73	33	PASS
N7	15	40	DFT-PI2BPSK	L	Outer_Full	23.3	25.2	33	PASS
N7	15	40	DFT-QPSK	L	Inner_1RB_Left	23.66	25.56	33	PASS
N7	15	40	DFT-QPSK	L	Inner_1RB_Right	23.68	25.58	33	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	22.74	24.64	33	PASS
N7	15	40	DFT-16QAM	L	Inner_1RB_Left	22.5	24.4	33	PASS
N7	15	40	DFT-16QAM	L	Inner_1RB_Right	22.62	24.52	33	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	21.76	23.66	33	PASS
N7	15	40	DFT-64QAM	L	Inner_1RB_Left	21.29	23.19	33	PASS
N7	15	40	DFT-64QAM	L	Inner_1RB_Right	21.41	23.31	33	PASS
N7	15	40	DFT-64QAM	L	Outer_Full	21.31	23.21	33	PASS
N7	15	40	DFT-256QAM	L	Inner_1RB_Left	18.7	20.6	33	PASS
N7	15	40	DFT-256QAM	L	Inner_1RB_Right	18.87	20.77	33	PASS
N7	15	40	DFT-256QAM	L	Outer_Full	19.29	21.19	33	PASS
N7	15	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.72	25.62	33	PASS
N7	15	40	DFT-PI2BPSK	M	Inner_1RB_Right	23.8	25.7	33	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	23.3	25.2	33	PASS
N7	15	40	DFT-QPSK	M	Inner_1RB_Left	23.62	25.52	33	PASS
N7	15	40	DFT-QPSK	M	Inner_1RB_Right	23.72	25.62	33	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	22.82	24.72	33	PASS
N7	15	40	DFT-16QAM	M	Inner_1RB_Left	22.58	24.48	33	PASS
N7	15	40	DFT-16QAM	M	Inner_1RB_Right	22.69	24.59	33	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	21.79	23.69	33	PASS
N7	15	40	DFT-64QAM	M	Inner_1RB_Left	21.45	23.35	33	PASS
N7	15	40	DFT-64QAM	M	Inner_1RB_Right	21.48	23.38	33	PASS
N7	15	40	DFT-64QAM	M	Outer_Full	21.39	23.29	33	PASS



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N7	15	40	DFT-256QAM	M	Inner_1RB_Left	18.81	20.71	33	PASS
N7	15	40	DFT-256QAM	M	Inner_1RB_Right	18.92	20.82	33	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	19.37	21.27	33	PASS
N7	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.7	25.6	33	PASS
N7	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.81	25.71	33	PASS
N7	15	40	DFT-PI2BPSK	H	Outer_Full	23.15	25.05	33	PASS
N7	15	40	DFT-QPSK	H	Inner_1RB_Left	23.63	25.53	33	PASS
N7	15	40	DFT-QPSK	H	Inner_1RB_Right	23.63	25.53	33	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	22.64	24.54	33	PASS
N7	15	40	DFT-16QAM	H	Inner_1RB_Left	22.6	24.5	33	PASS
N7	15	40	DFT-16QAM	H	Inner_1RB_Right	22.56	24.46	33	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	21.62	23.52	33	PASS
N7	15	40	DFT-64QAM	H	Inner_1RB_Left	21.4	23.3	33	PASS
N7	15	40	DFT-64QAM	H	Inner_1RB_Right	21.5	23.4	33	PASS
N7	15	40	DFT-64QAM	H	Outer_Full	21.21	23.11	33	PASS
N7	15	40	DFT-256QAM	H	Inner_1RB_Left	18.8	20.7	33	PASS
N7	15	40	DFT-256QAM	H	Inner_1RB_Right	18.82	20.72	33	PASS
N7	15	40	DFT-256QAM	H	Outer_Full	19.19	21.09	33	PASS



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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N7	15	40	DFT-256QAM	L	Outer_Full	100%	0.00	9.08	≤13	PASS
N7	15	40	CP-256QAM	L	Outer_Full	100%	0.00	9.43	≤13	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	100%	0.00	9.02	≤13	PASS
N7	15	40	CP-256QAM	M	Outer_Full	100%	0.00	9.60	≤13	PASS
N7	15	40	DFT-256QAM	H	Outer_Full	100%	0.00	8.93	≤13	PASS
N7	15	40	CP-256QAM	H	Outer_Full	100%	0.00	9.48	≤13	PASS



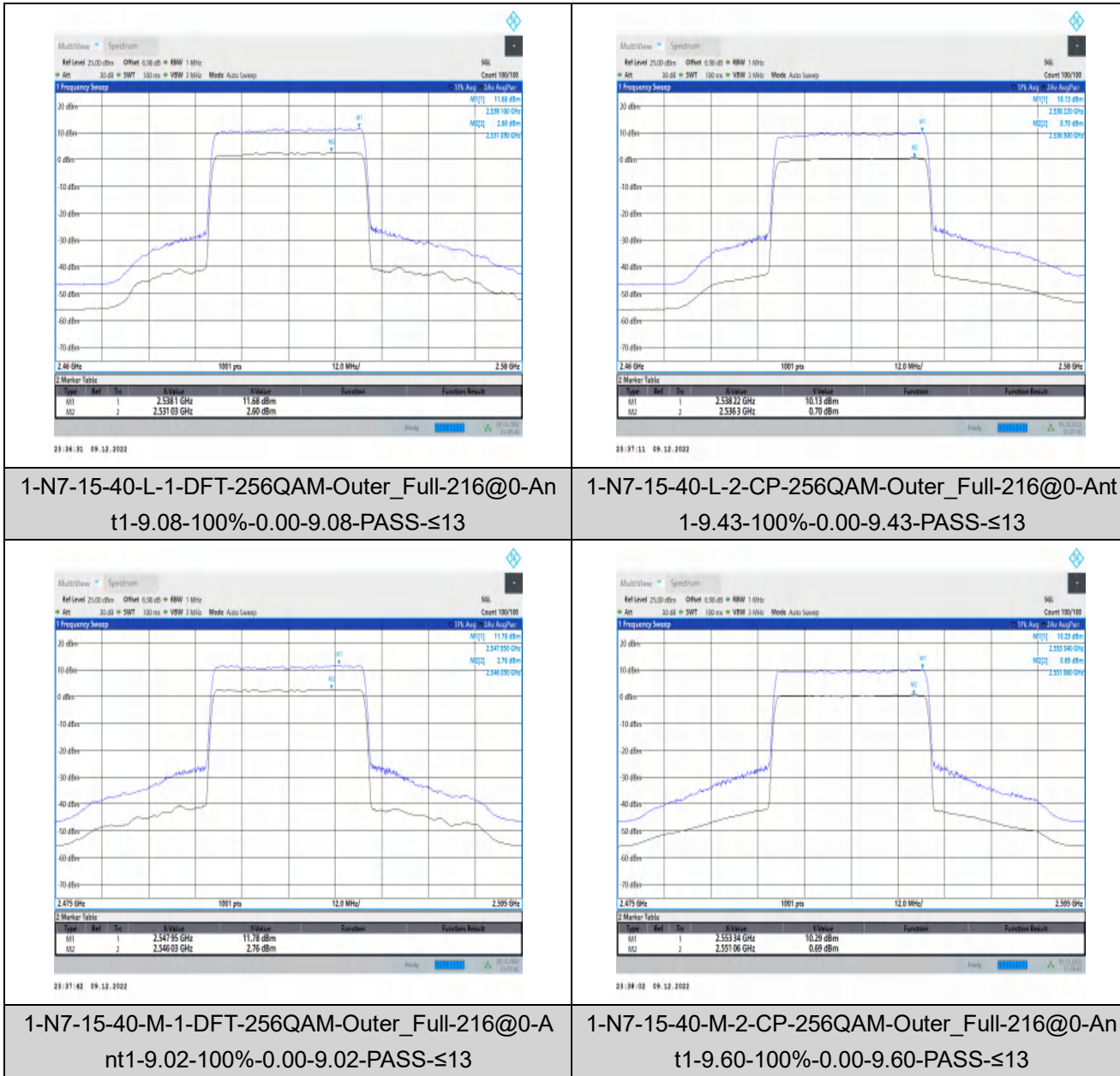
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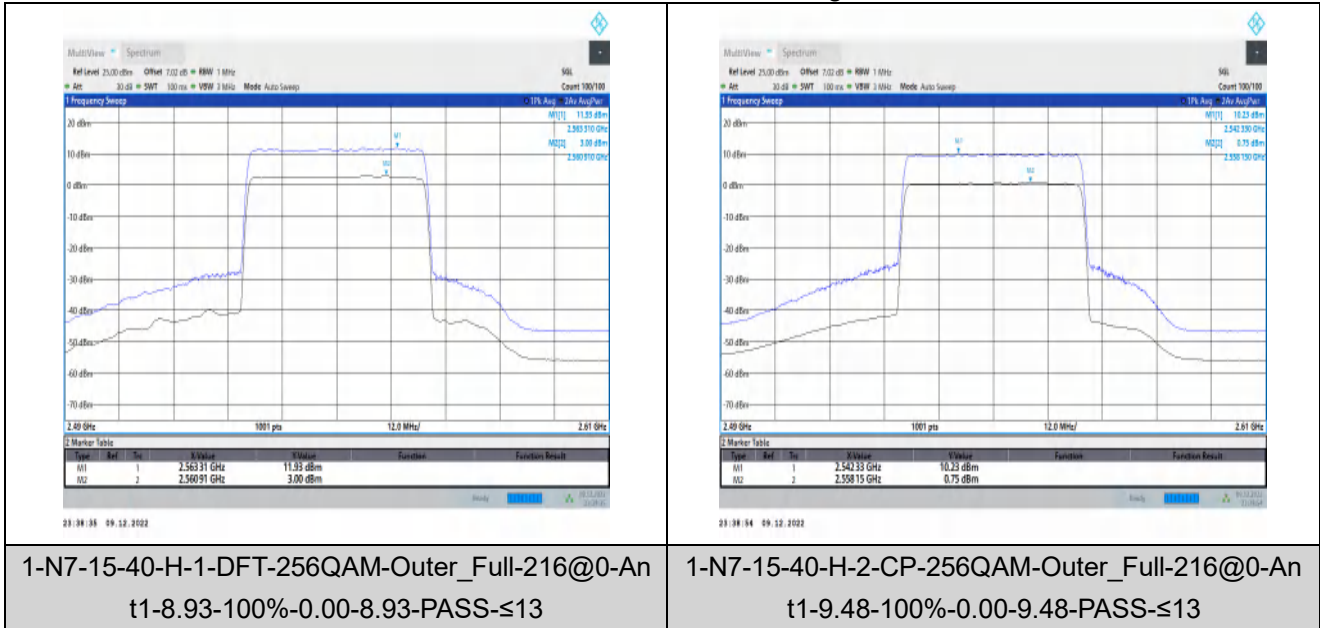
Test Graphs



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1-N7-15-40-H-1-DFT-256QAM-Outer_Full-216@0-An
 t1-8.93-100%-0.00-8.93-PASS-≤13

1-N7-15-40-H-2-CP-256QAM-Outer_Full-216@0-An
 t1-9.48-100%-0.00-9.48-PASS-≤13



Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N7	15	40	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	see graph	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	see graph	PASS
N7	15	40	DFT-64QAM	M	Outer_Full	see graph	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	see graph	PASS
N7	15	40	CP-QPSK	M	Outer_Full	see graph	PASS
N7	15	40	CP-16QAM	M	Outer_Full	see graph	PASS
N7	15	40	CP-64QAM	M	Outer_Full	see graph	PASS
N7	15	40	CP-256QAM	M	Outer_Full	see graph	PASS



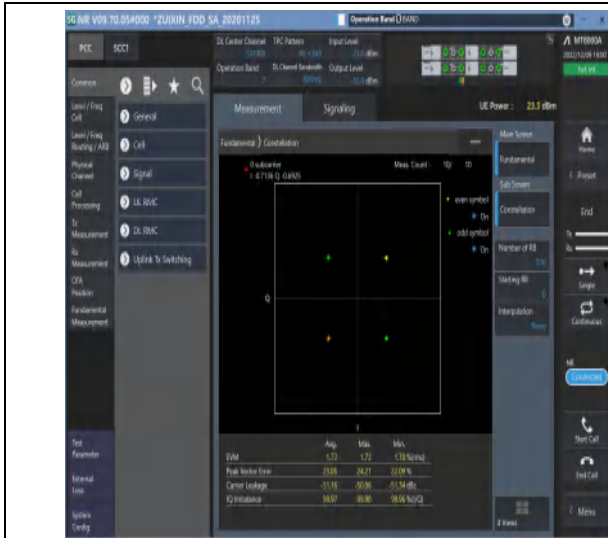
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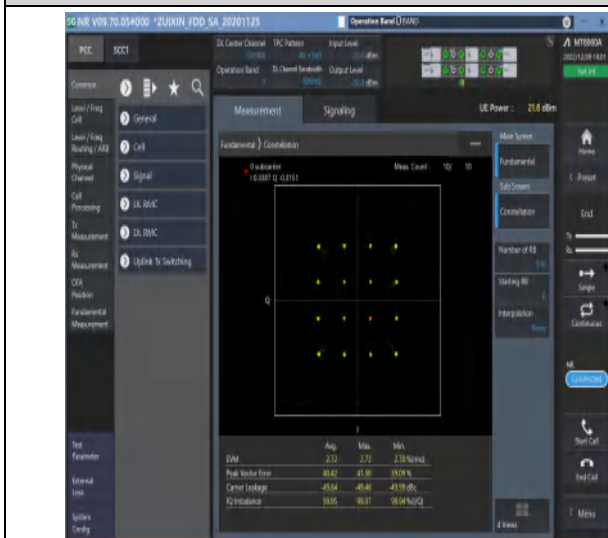
Test Graphs



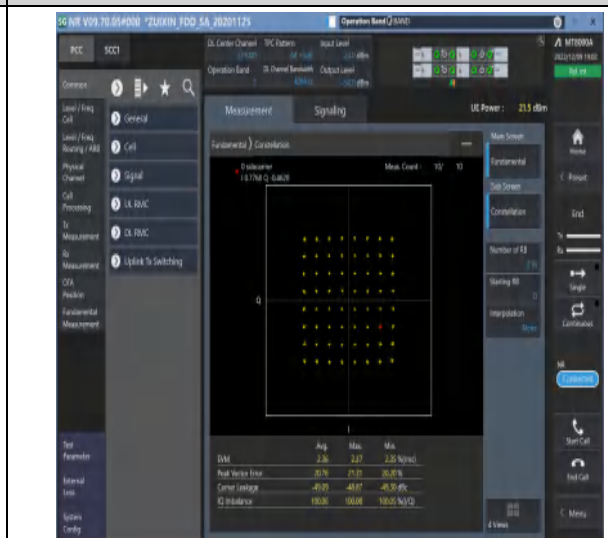
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 nt1-see graph-PASS



1-N7-15-40-M-2-DFT-QPSK-Outer_Full-216@0-A
 nt1-see graph-PASS

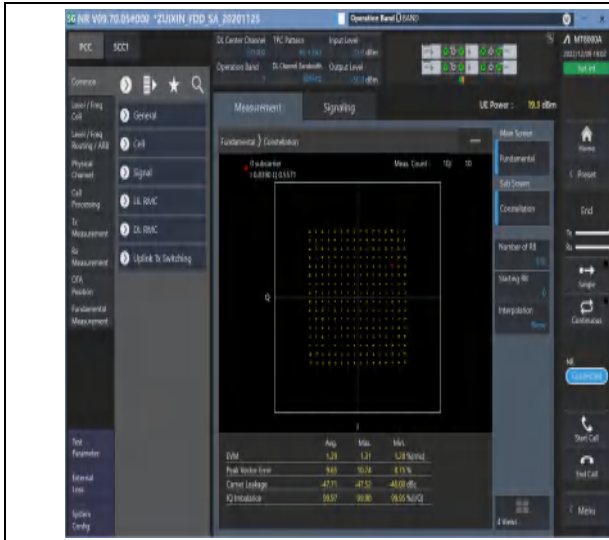


1-N7-15-40-M-3-DFT-16QAM-Outer_Full-216@0-A
 nt1-see graph-PASS

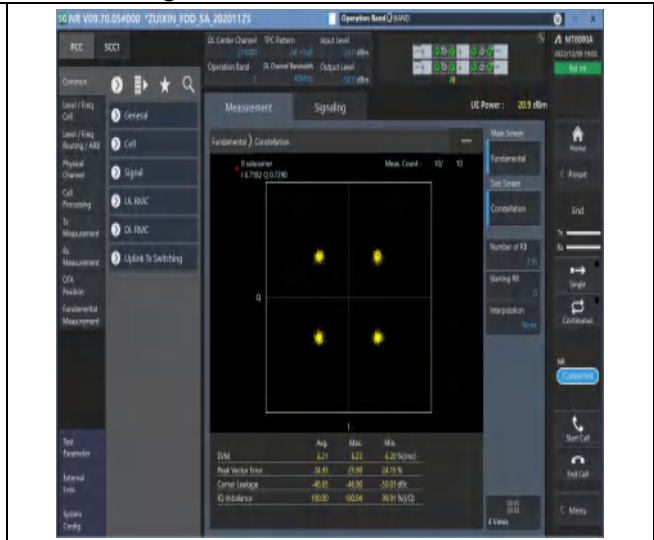


1-N7-15-40-M-4-DFT-64QAM-Outer_Full-216@0-A
 nt1-see graph-PASS

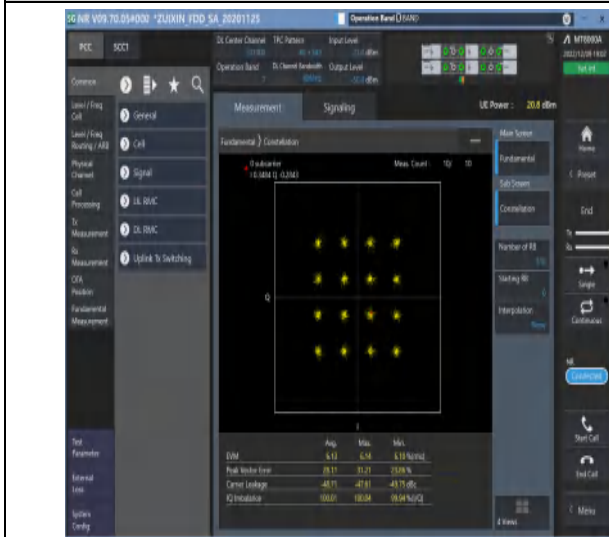




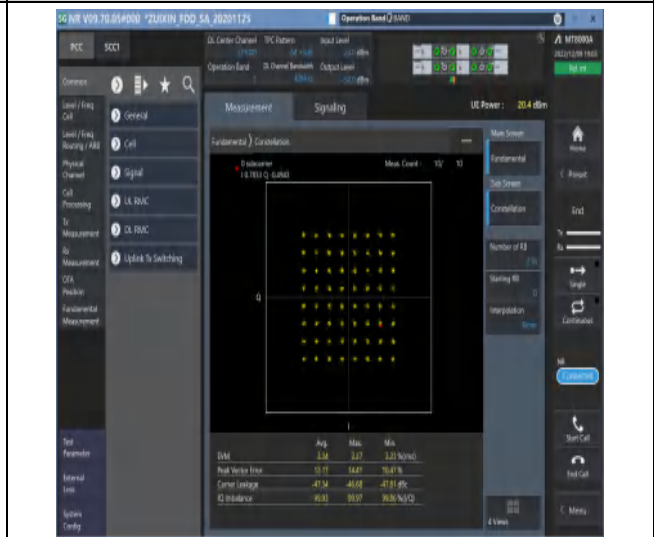
1-N7-15-40-M-5-DFT-256QAM-Outer_Full-216@0-Ant1-see graph-PASS



1-N7-15-40-M-6-CP-QPSK-Outer_Full-216@0-Ant1-see graph-PASS



1-N7-15-40-M-7-CP-16QAM-Outer_Full-216@0-Ant1-see graph-PASS



1-N7-15-40-M-8-CP-64QAM-Outer_Full-216@0-Ant1-see graph-PASS



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<p>1-N7-15-40-M-9-CP-256QAM-Outer_Full-216@0-Ant 1-see graph-PASS</p>	



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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
N7	15	5	DFT-QPSK	L	Outer_Full	4.472	4.990	PASS
N7	15	5	DFT-PI2BPSK	L	Outer_Full	4.477	4.970	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	4.479	4.980	PASS
N7	15	5	DFT-64QAM	L	Outer_Full	4.462	4.940	PASS
N7	15	5	DFT-256QAM	L	Outer_Full	4.488	5.090	PASS
N7	15	5	CP-QPSK	L	Outer_Full	4.485	5.070	PASS
N7	15	5	CP-16QAM	L	Outer_Full	4.513	5.170	PASS
N7	15	5	CP-64QAM	L	Outer_Full	4.483	5.060	PASS
N7	15	5	CP-256QAM	L	Outer_Full	4.479	5.130	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	4.47	4.900	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	4.47	4.980	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	4.471	4.940	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	4.468	4.910	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	4.465	5.140	PASS
N7	15	5	CP-QPSK	M	Outer_Full	4.479	5.090	PASS
N7	15	5	CP-16QAM	M	Outer_Full	4.496	5.170	PASS
N7	15	5	CP-64QAM	M	Outer_Full	4.492	5.020	PASS
N7	15	5	CP-256QAM	M	Outer_Full	4.478	5.070	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	4.477	4.970	PASS
N7	15	5	DFT-PI2BPSK	H	Outer_Full	4.469	4.990	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	4.476	4.930	PASS
N7	15	5	DFT-64QAM	H	Outer_Full	4.476	4.900	PASS
N7	15	5	DFT-256QAM	H	Outer_Full	4.472	5.060	PASS
N7	15	5	CP-QPSK	H	Outer_Full	4.473	5.080	PASS
N7	15	5	CP-16QAM	H	Outer_Full	4.516	5.100	PASS
N7	15	5	CP-64QAM	H	Outer_Full	4.495	5.110	PASS
N7	15	5	CP-256QAM	H	Outer_Full	4.483	5.070	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	8.929	9.680	PASS
N7	15	10	DFT-PI2BPSK	L	Outer_Full	8.911	9.580	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	8.948	9.500	PASS
N7	15	10	DFT-64QAM	L	Outer_Full	8.956	9.720	PASS
N7	15	10	DFT-256QAM	L	Outer_Full	8.934	9.620	PASS



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N7	15	10	CP-QPSK	L	Outer_Full	9.293	10.180	PASS
N7	15	10	CP-16QAM	L	Outer_Full	9.288	10.120	PASS
N7	15	10	CP-64QAM	L	Outer_Full	9.292	10.100	PASS
N7	15	10	CP-256QAM	L	Outer_Full	9.301	10.020	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	8.942	9.680	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	8.917	9.700	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	8.933	9.620	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	8.951	9.700	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	8.934	9.600	PASS
N7	15	10	CP-QPSK	M	Outer_Full	9.291	10.080	PASS
N7	15	10	CP-16QAM	M	Outer_Full	9.282	10.080	PASS
N7	15	10	CP-64QAM	M	Outer_Full	9.284	10.000	PASS
N7	15	10	CP-256QAM	M	Outer_Full	9.304	10.060	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	8.931	9.720	PASS
N7	15	10	DFT-PI2BPSK	H	Outer_Full	8.907	9.600	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	8.937	9.600	PASS
N7	15	10	DFT-64QAM	H	Outer_Full	8.949	9.580	PASS
N7	15	10	DFT-256QAM	H	Outer_Full	8.927	9.680	PASS
N7	15	10	CP-QPSK	H	Outer_Full	9.285	10.160	PASS
N7	15	10	CP-16QAM	H	Outer_Full	9.299	10.080	PASS
N7	15	10	CP-64QAM	H	Outer_Full	9.28	10.040	PASS
N7	15	10	CP-256QAM	H	Outer_Full	9.284	10.080	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	13.435	14.280	PASS
N7	15	15	DFT-PI2BPSK	L	Outer_Full	13.442	14.310	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	13.471	14.490	PASS
N7	15	15	DFT-64QAM	L	Outer_Full	13.419	14.340	PASS
N7	15	15	DFT-256QAM	L	Outer_Full	13.44	14.280	PASS
N7	15	15	CP-QPSK	L	Outer_Full	14.133	15.000	PASS
N7	15	15	CP-16QAM	L	Outer_Full	14.136	15.150	PASS
N7	15	15	CP-64QAM	L	Outer_Full	14.133	15.150	PASS
N7	15	15	CP-256QAM	L	Outer_Full	14.088	14.910	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	13.432	14.280	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	13.433	14.310	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	14.132	15.060	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	13.44	14.280	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	13.475	14.070	PASS
N7	15	15	CP-QPSK	M	Outer_Full	14.132	15.060	PASS
N7	15	15	CP-16QAM	M	Outer_Full	14.142	15.120	PASS



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N7	15	15	CP-64QAM	M	Outer_Full	14.109	15.030	PASS
N7	15	15	CP-256QAM	M	Outer_Full	14.107	15.000	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	13.436	14.430	PASS
N7	15	15	DFT-PI2BPSK	H	Outer_Full	13.424	14.250	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	13.465	14.370	PASS
N7	15	15	DFT-64QAM	H	Outer_Full	13.438	14.310	PASS
N7	15	15	DFT-256QAM	H	Outer_Full	13.438	14.340	PASS
N7	15	15	CP-QPSK	H	Outer_Full	14.134	15.150	PASS
N7	15	15	CP-16QAM	H	Outer_Full	14.115	15.060	PASS
N7	15	15	CP-64QAM	H	Outer_Full	14.143	14.970	PASS
N7	15	15	CP-256QAM	H	Outer_Full	14.085	15.180	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	17.867	18.600	PASS
N7	15	20	DFT-PI2BPSK	L	Outer_Full	17.875	18.840	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	17.866	18.720	PASS
N7	15	20	DFT-64QAM	L	Outer_Full	17.919	18.760	PASS
N7	15	20	DFT-256QAM	L	Outer_Full	17.872	18.720	PASS
N7	15	20	CP-QPSK	L	Outer_Full	18.958	20.040	PASS
N7	15	20	CP-16QAM	L	Outer_Full	18.958	20.120	PASS
N7	15	20	CP-64QAM	L	Outer_Full	18.96	19.920	PASS
N7	15	20	CP-256QAM	L	Outer_Full	18.967	19.920	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	17.871	19.000	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	17.887	18.880	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	17.877	18.640	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	17.889	18.760	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	17.825	18.680	PASS
N7	15	20	CP-QPSK	M	Outer_Full	18.919	20.000	PASS
N7	15	20	CP-16QAM	M	Outer_Full	18.94	19.800	PASS
N7	15	20	CP-64QAM	M	Outer_Full	18.911	19.760	PASS
N7	15	20	CP-256QAM	M	Outer_Full	19.04	20.000	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	17.891	18.840	PASS
N7	15	20	DFT-PI2BPSK	H	Outer_Full	17.864	18.800	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	17.888	18.800	PASS
N7	15	20	DFT-64QAM	H	Outer_Full	17.888	18.880	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	17.884	18.800	PASS
N7	15	20	CP-QPSK	H	Outer_Full	18.941	19.960	PASS
N7	15	20	CP-16QAM	H	Outer_Full	18.914	19.960	PASS
N7	15	20	CP-64QAM	H	Outer_Full	18.907	19.840	PASS
N7	15	20	CP-256QAM	H	Outer_Full	18.91	19.800	PASS



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N7	15	25	DFT-QPSK	L	Outer_Full	22.846	24.100	PASS
N7	15	25	DFT-PI2BPSK	L	Outer_Full	22.882	23.900	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	22.904	24.050	PASS
N7	15	25	DFT-64QAM	L	Outer_Full	22.858	24.050	PASS
N7	15	25	DFT-256QAM	L	Outer_Full	22.808	23.950	PASS
N7	15	25	CP-QPSK	L	Outer_Full	23.73	24.950	PASS
N7	15	25	CP-16QAM	L	Outer_Full	23.756	24.900	PASS
N7	15	25	CP-64QAM	L	Outer_Full	23.733	24.950	PASS
N7	15	25	CP-256QAM	L	Outer_Full	23.762	24.850	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	22.878	24.000	PASS
N7	15	25	DFT-PI2BPSK	M	Outer_Full	22.901	24.150	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	22.993	24.000	PASS
N7	15	25	DFT-64QAM	M	Outer_Full	22.897	24.050	PASS
N7	15	25	DFT-256QAM	M	Outer_Full	22.88	23.950	PASS
N7	15	25	CP-QPSK	M	Outer_Full	23.765	24.950	PASS
N7	15	25	CP-16QAM	M	Outer_Full	23.807	25.050	PASS
N7	15	25	CP-64QAM	M	Outer_Full	23.721	25.000	PASS
N7	15	25	CP-256QAM	M	Outer_Full	23.806	24.800	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	22.898	24.000	PASS
N7	15	25	DFT-PI2BPSK	H	Outer_Full	22.877	24.000	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	22.891	24.050	PASS
N7	15	25	DFT-64QAM	H	Outer_Full	22.874	24.000	PASS
N7	15	25	DFT-256QAM	H	Outer_Full	22.876	23.950	PASS
N7	15	25	CP-QPSK	H	Outer_Full	23.76	24.950	PASS
N7	15	25	CP-16QAM	H	Outer_Full	23.75	25.000	PASS
N7	15	25	CP-64QAM	H	Outer_Full	23.745	24.950	PASS
N7	15	25	CP-256QAM	H	Outer_Full	23.744	24.750	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	28.524	29.820	PASS
N7	15	30	DFT-PI2BPSK	L	Outer_Full	28.579	30.000	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	28.561	29.640	PASS
N7	15	30	DFT-64QAM	L	Outer_Full	28.525	29.640	PASS
N7	15	30	DFT-256QAM	L	Outer_Full	28.584	29.580	PASS
N7	15	30	CP-QPSK	L	Outer_Full	28.532	30.000	PASS
N7	15	30	CP-16QAM	L	Outer_Full	28.498	31.020	PASS
N7	15	30	CP-64QAM	L	Outer_Full	28.508	29.760	PASS
N7	15	30	CP-256QAM	L	Outer_Full	28.588	29.700	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	28.587	29.700	PASS
N7	15	30	DFT-PI2BPSK	M	Outer_Full	28.59	29.760	PASS



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N7	15	30	DFT-16QAM	M	Outer_Full	28.567	29.760	PASS
N7	15	30	DFT-64QAM	M	Outer_Full	28.647	29.880	PASS
N7	15	30	DFT-256QAM	M	Outer_Full	28.626	29.880	PASS
N7	15	30	CP-QPSK	M	Outer_Full	28.567	29.760	PASS
N7	15	30	CP-16QAM	M	Outer_Full	28.651	29.820	PASS
N7	15	30	CP-64QAM	M	Outer_Full	28.578	29.640	PASS
N7	15	30	CP-256QAM	M	Outer_Full	28.531	29.820	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	28.55	29.700	PASS
N7	15	30	DFT-PI2BPSK	H	Outer_Full	28.582	29.640	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	28.512	29.760	PASS
N7	15	30	DFT-64QAM	H	Outer_Full	28.609	29.760	PASS
N7	15	30	DFT-256QAM	H	Outer_Full	28.532	29.700	PASS
N7	15	30	CP-QPSK	H	Outer_Full	28.512	29.760	PASS
N7	15	30	CP-16QAM	H	Outer_Full	28.534	30.120	PASS
N7	15	30	CP-64QAM	H	Outer_Full	28.586	29.700	PASS
N7	15	30	CP-256QAM	H	Outer_Full	28.526	29.640	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	38.54	40.160	PASS
N7	15	40	DFT-PI2BPSK	L	Outer_Full	38.454	40.320	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	38.504	40.240	PASS
N7	15	40	DFT-64QAM	L	Outer_Full	38.46	40.240	PASS
N7	15	40	DFT-256QAM	L	Outer_Full	38.52	40.240	PASS
N7	15	40	CP-QPSK	L	Outer_Full	38.492	40.400	PASS
N7	15	40	CP-16QAM	L	Outer_Full	38.593	40.320	PASS
N7	15	40	CP-64QAM	L	Outer_Full	38.477	40.320	PASS
N7	15	40	CP-256QAM	L	Outer_Full	38.575	40.160	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	38.637	40.400	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	38.499	40.240	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	38.702	40.160	PASS
N7	15	40	DFT-64QAM	M	Outer_Full	38.587	40.240	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	38.519	40.160	PASS
N7	15	40	CP-QPSK	M	Outer_Full	38.649	40.480	PASS
N7	15	40	CP-16QAM	M	Outer_Full	38.631	40.240	PASS
N7	15	40	CP-64QAM	M	Outer_Full	38.568	40.320	PASS
N7	15	40	CP-256QAM	M	Outer_Full	38.524	40.080	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	38.478	40.240	PASS
N7	15	40	DFT-PI2BPSK	H	Outer_Full	38.464	40.320	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	38.543	40.160	PASS
N7	15	40	DFT-64QAM	H	Outer_Full	38.587	40.160	PASS



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N7	15	40	DFT-256QAM	H	Outer_Full	38.536	40.160	PASS
N7	15	40	CP-QPSK	H	Outer_Full	38.543	40.160	PASS
N7	15	40	CP-16QAM	H	Outer_Full	38.528	40.240	PASS
N7	15	40	CP-64QAM	H	Outer_Full	38.568	40.080	PASS
N7	15	40	CP-256QAM	H	Outer_Full	38.492	40.240	PASS

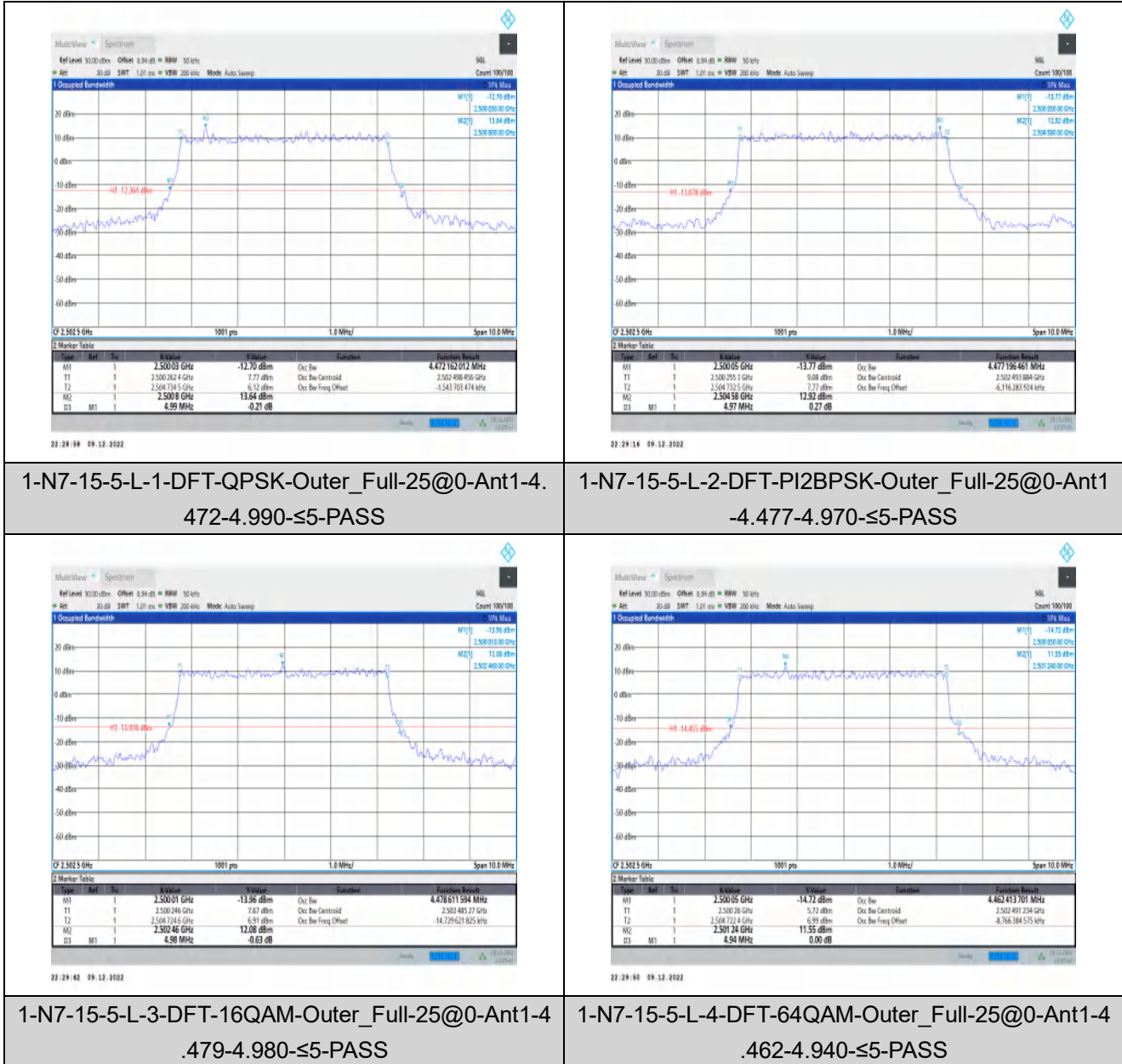


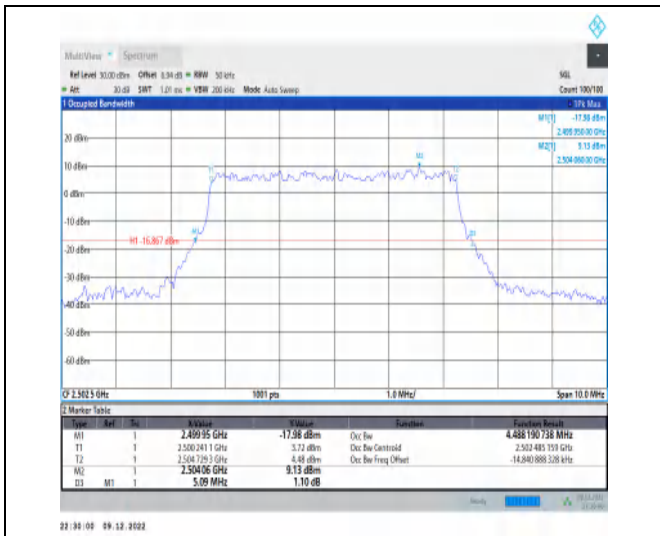
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Test Graphs

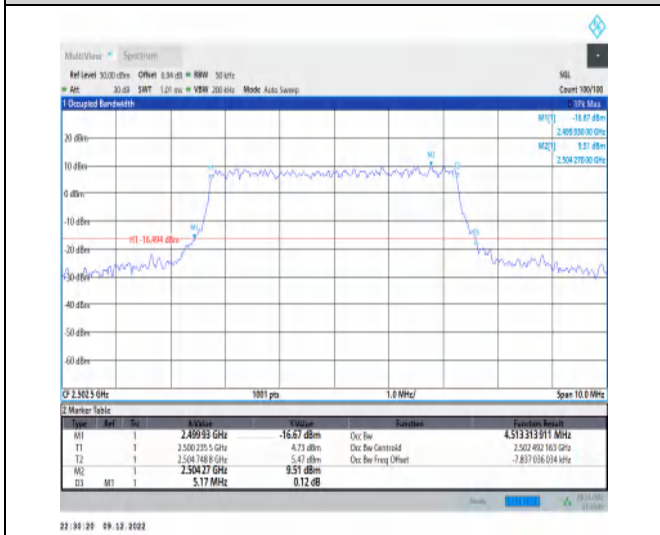




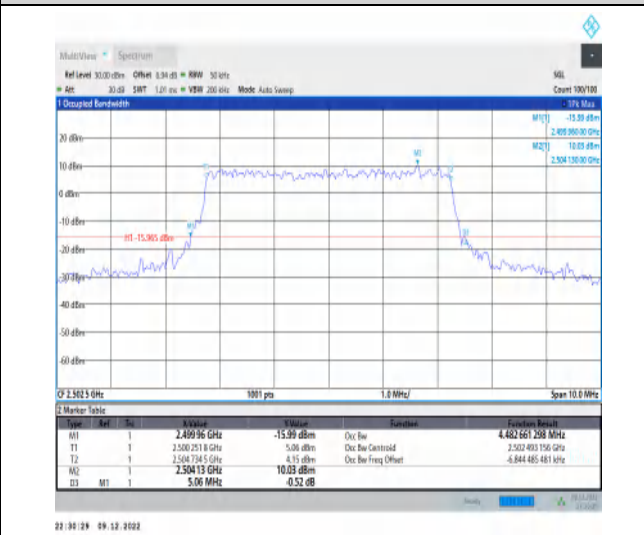
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1-N7-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.485-5.070-≤5-PASS

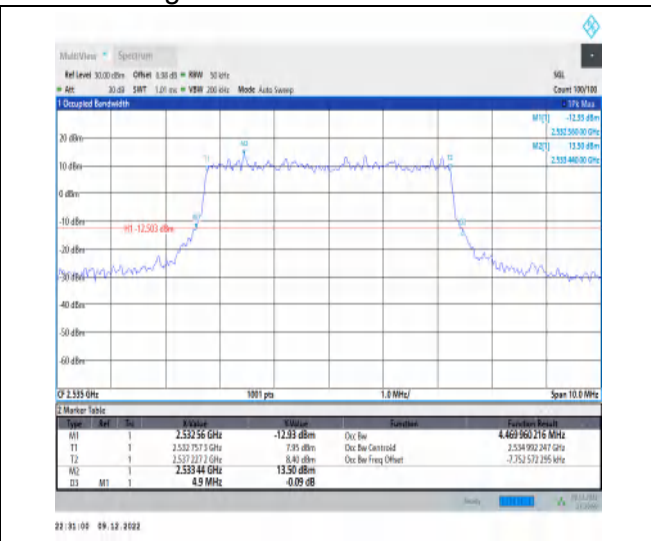
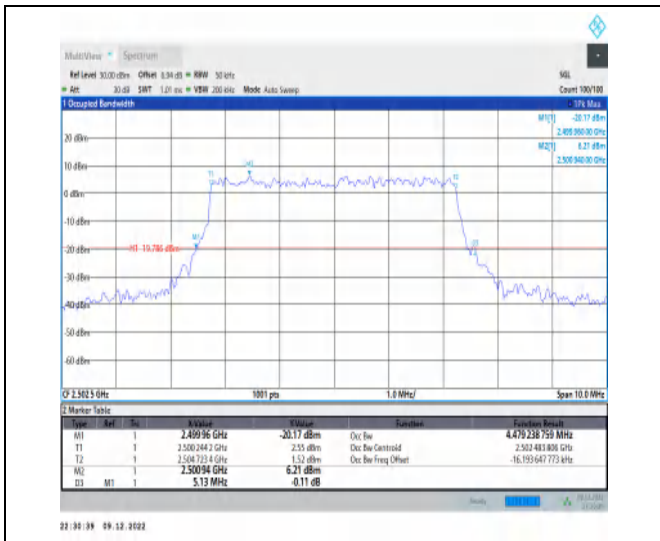


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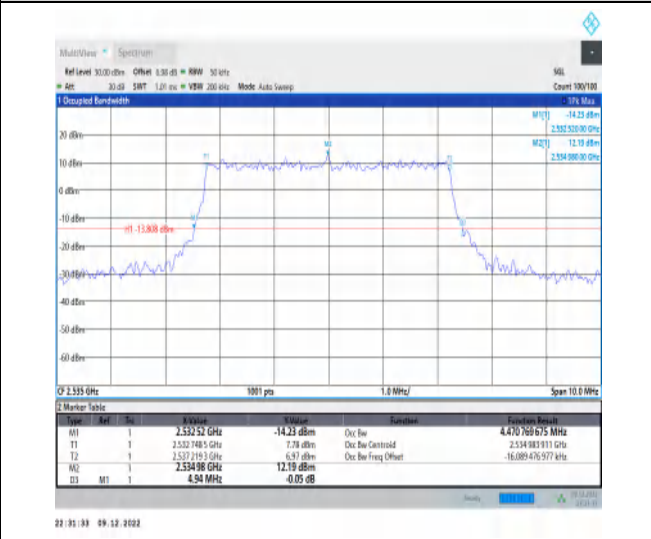
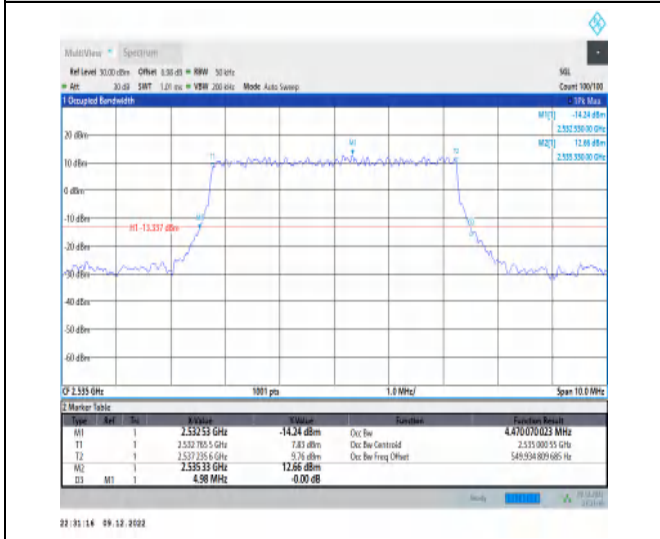
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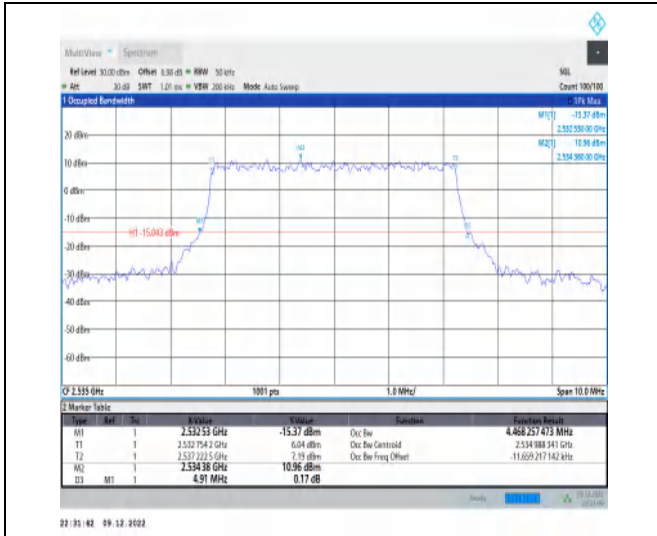
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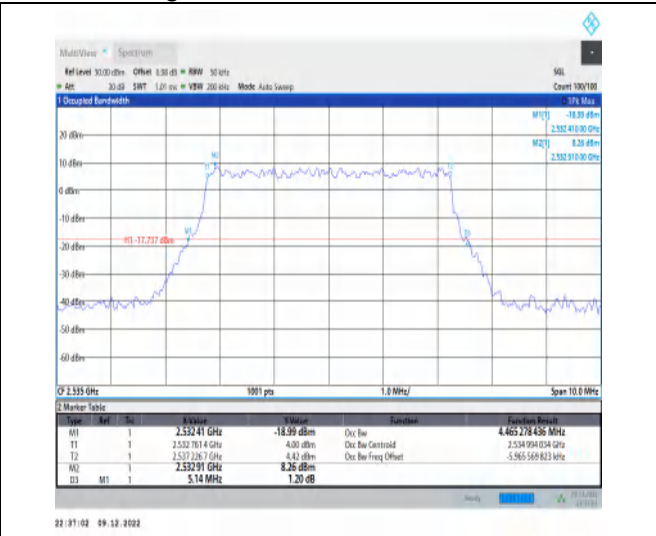
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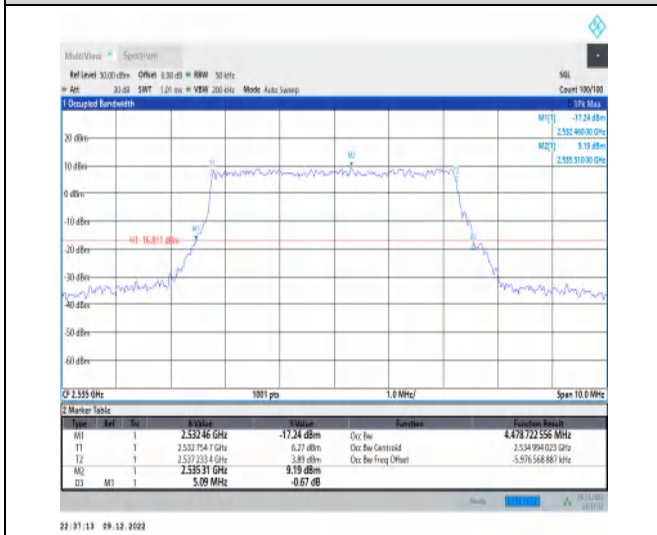




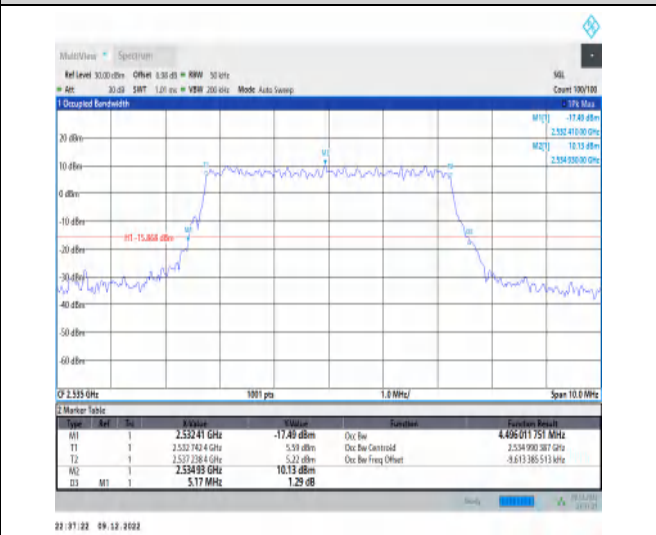
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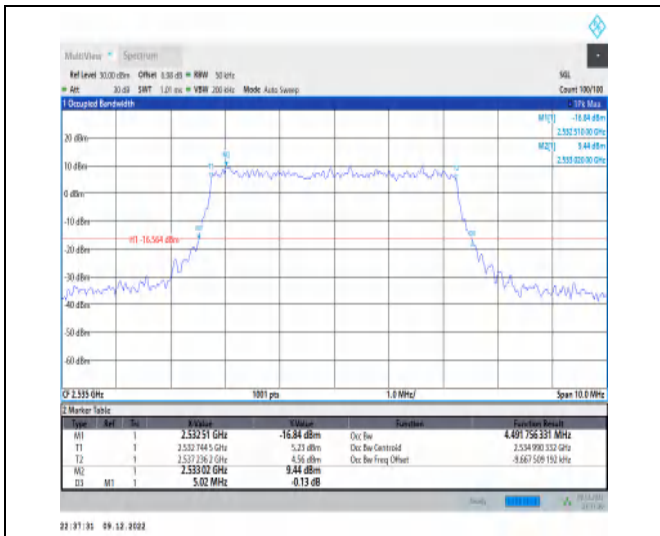


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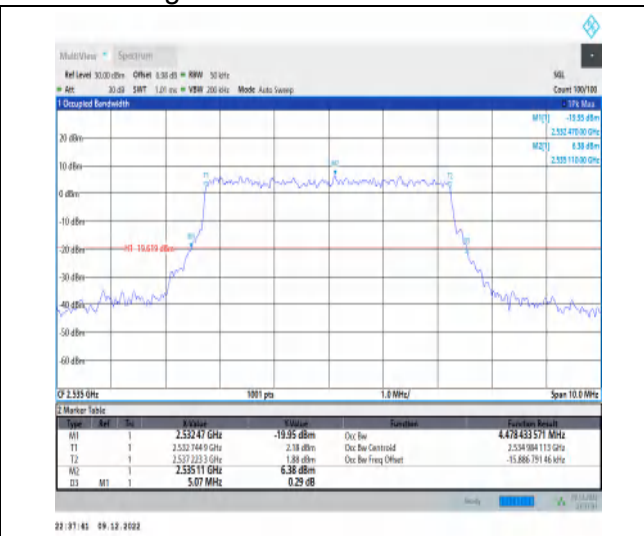


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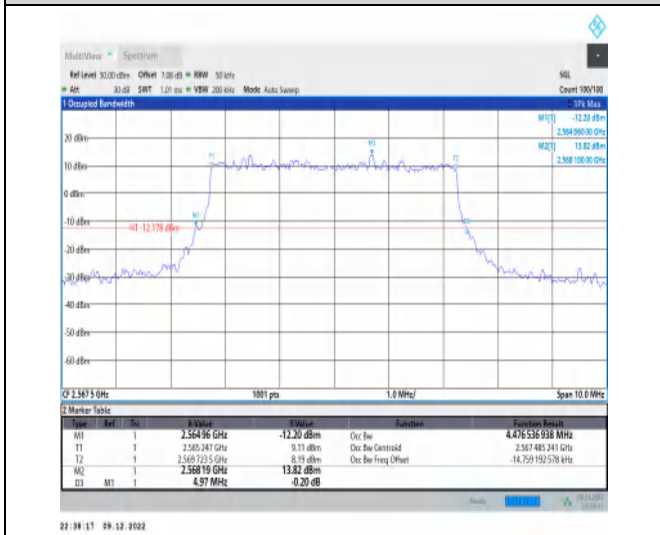




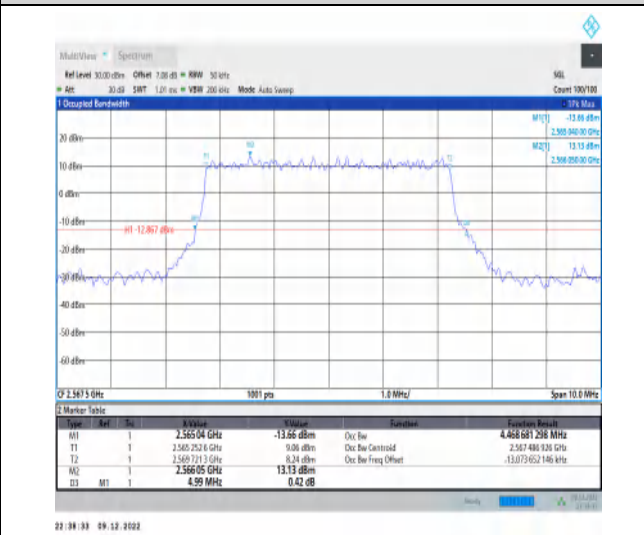
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 .492-5.020-≤5-PASS



1-N7-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4
 4.478-5.070-≤5-PASS



1-N7-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.
 477-4.970-≤5-PASS

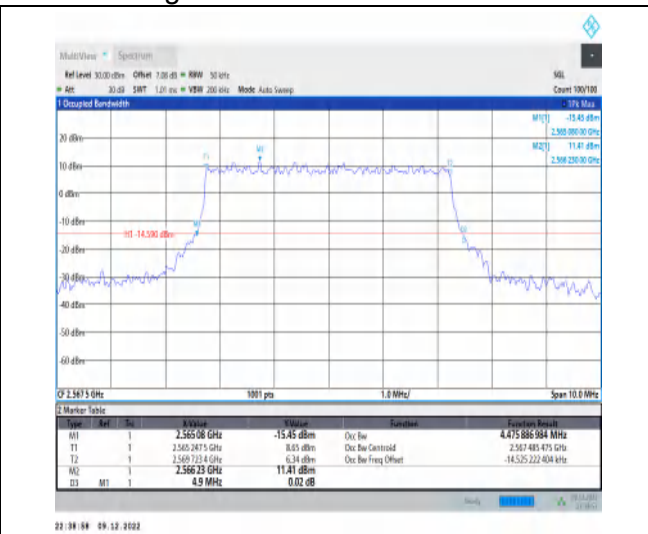
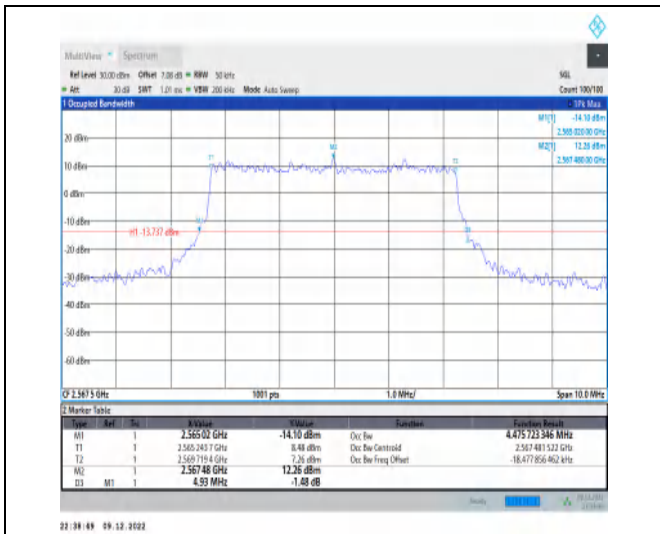


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 1-4.469-4.990-≤5-PASS



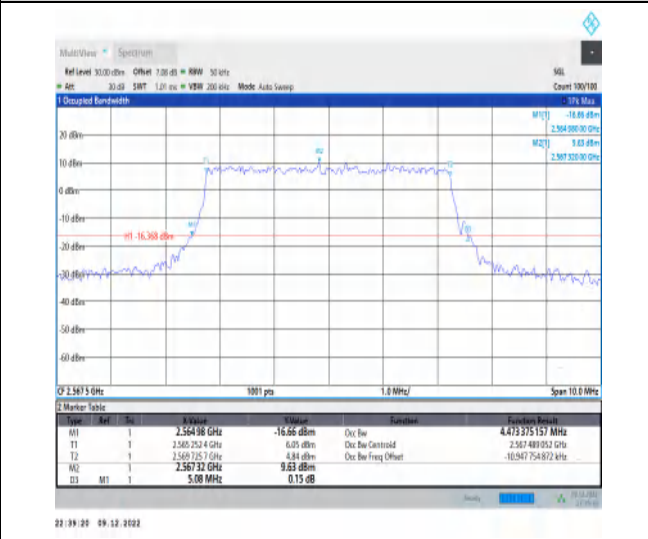
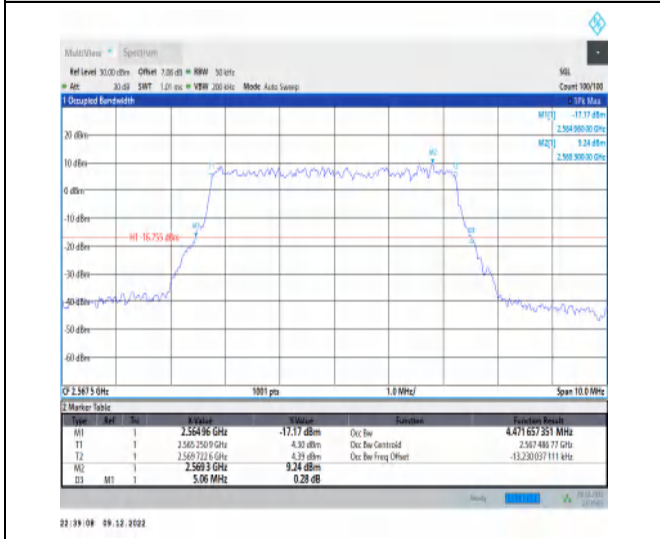
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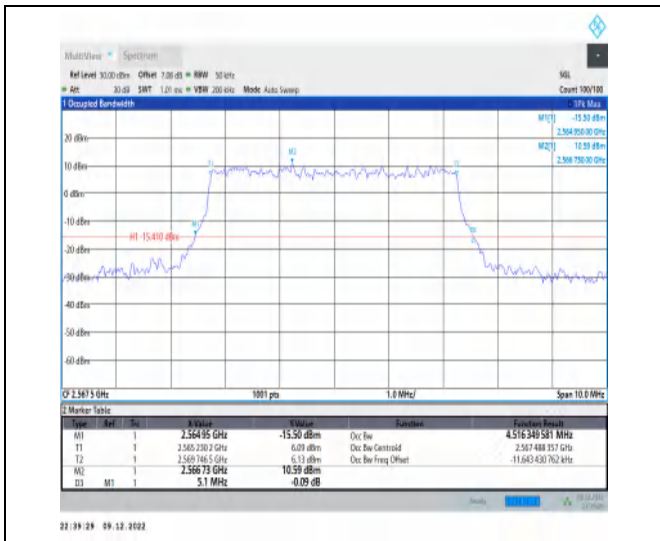
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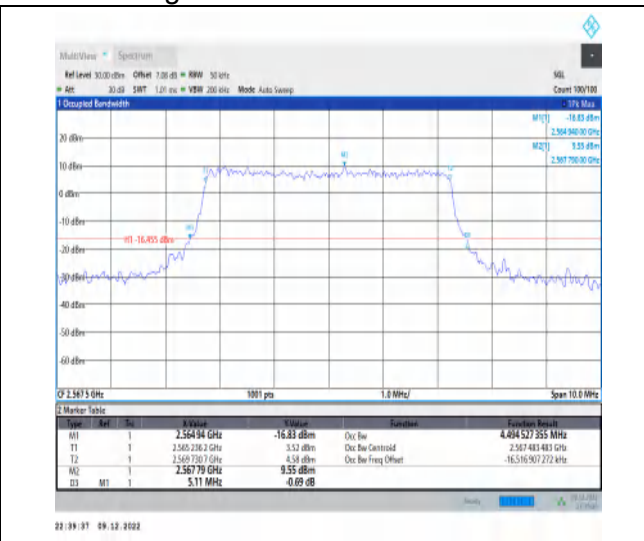
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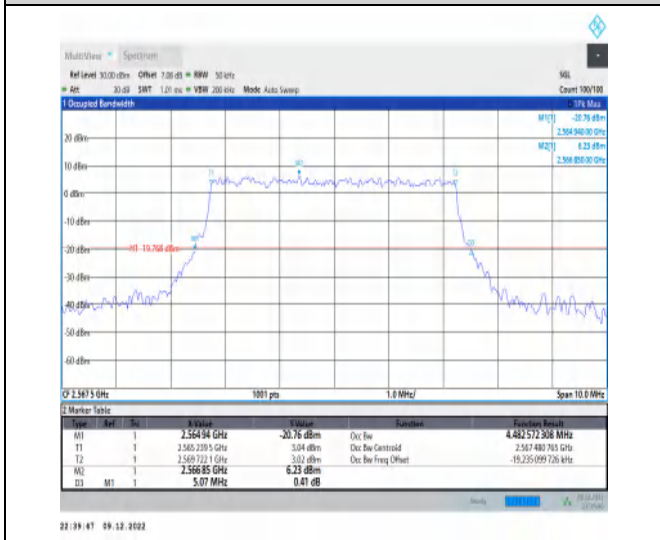




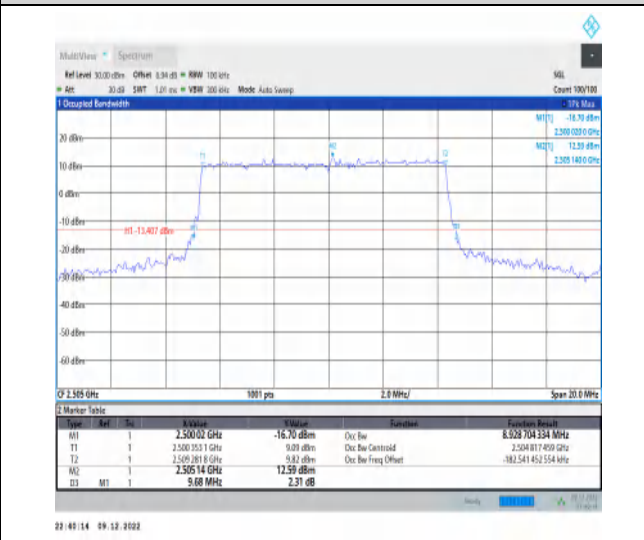
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 516-5.100-≤5-PASS



1-N7-15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.
 495-5.110-≤5-PASS



1-N7-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.
 4.483-5.070-≤5-PASS

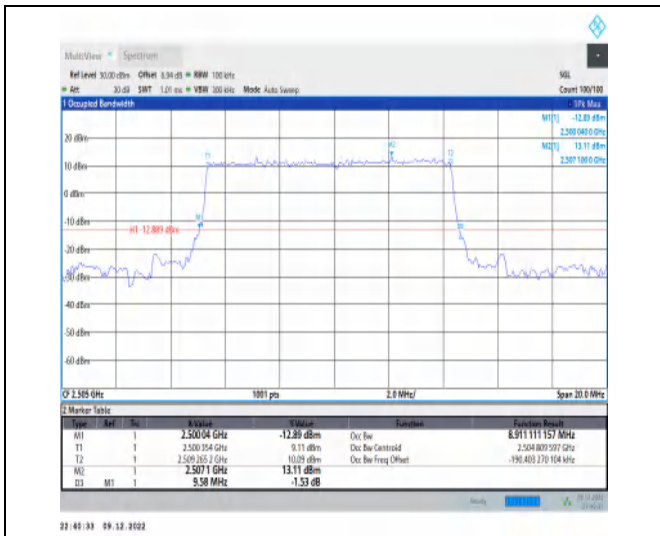


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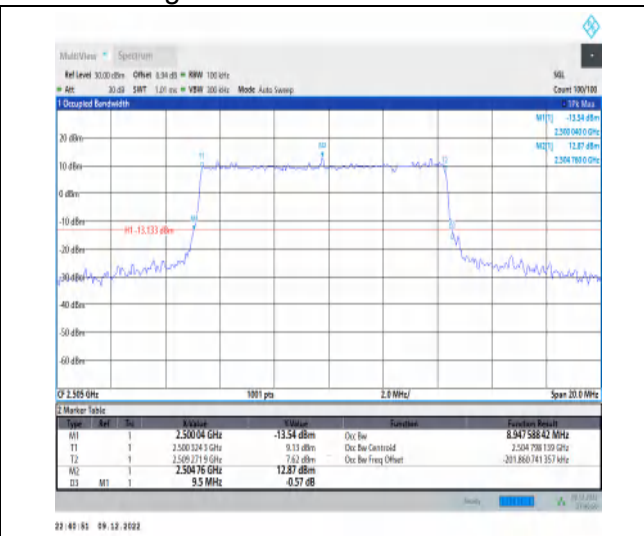


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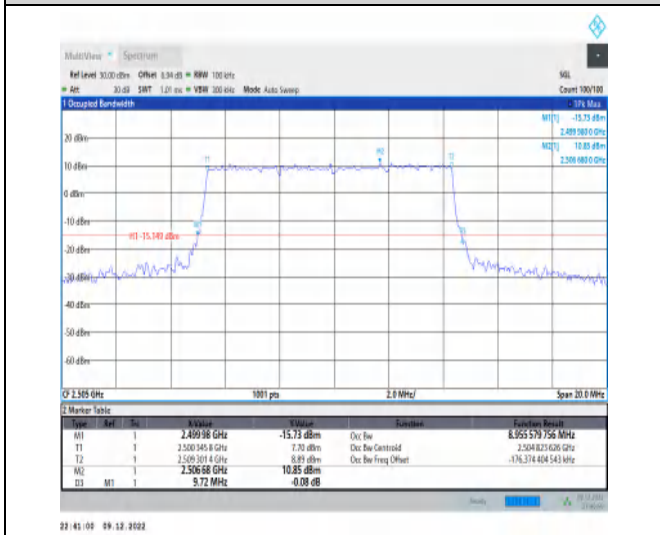
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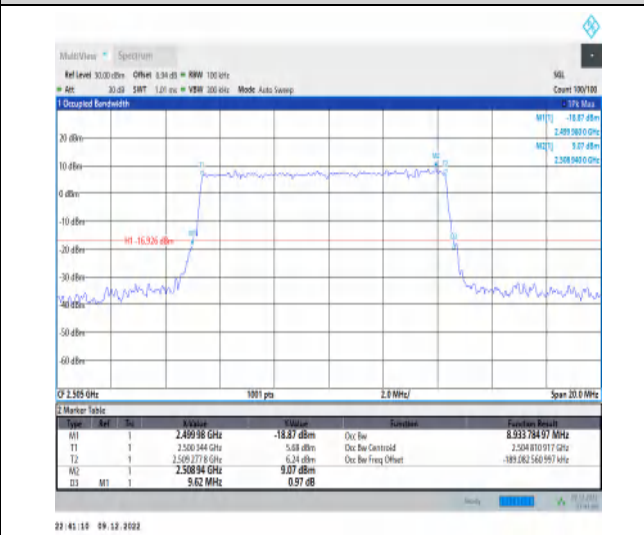
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1-N7-15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant1-
 8.948-9.500-≤10-PASS

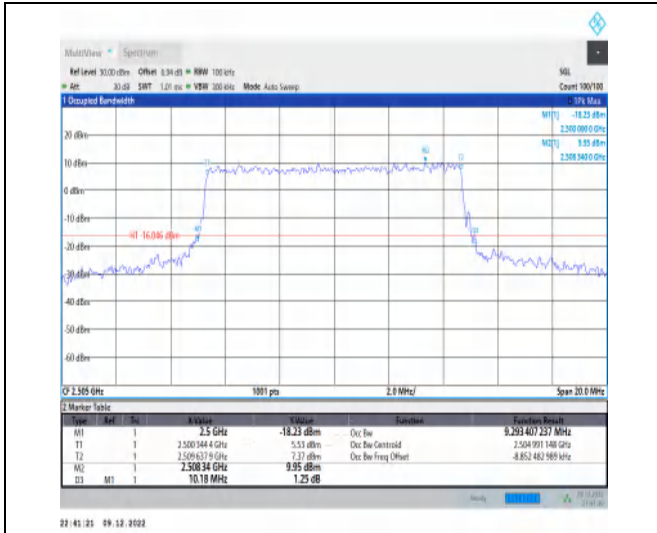


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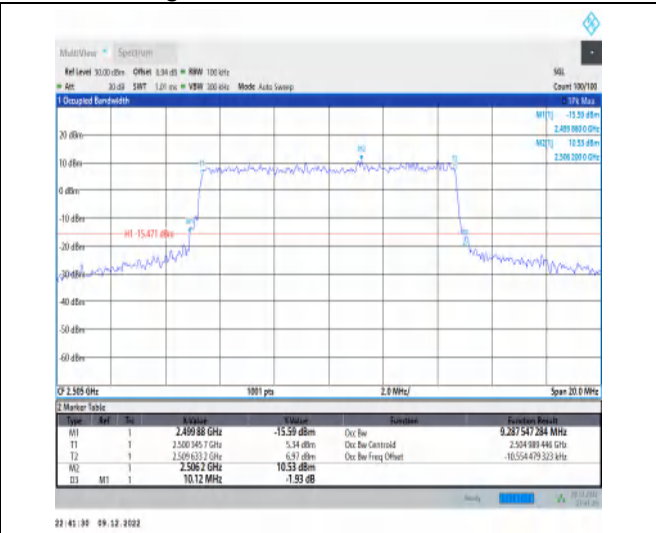


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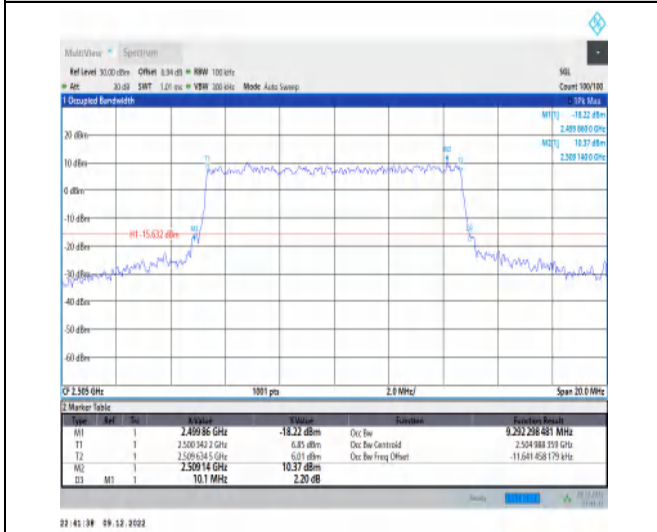




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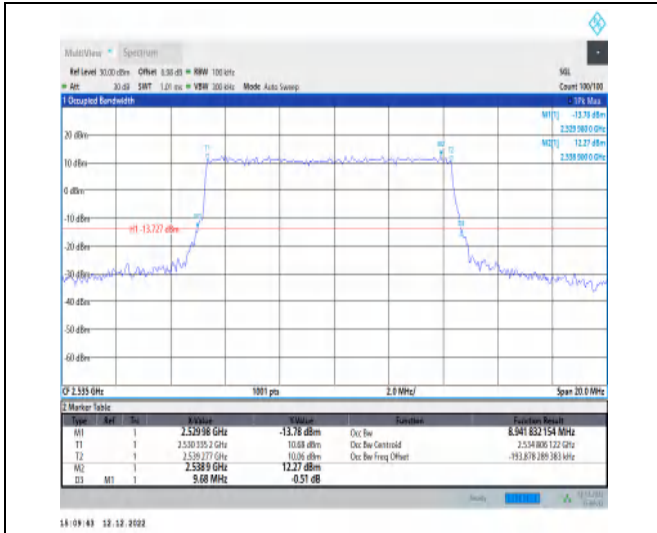


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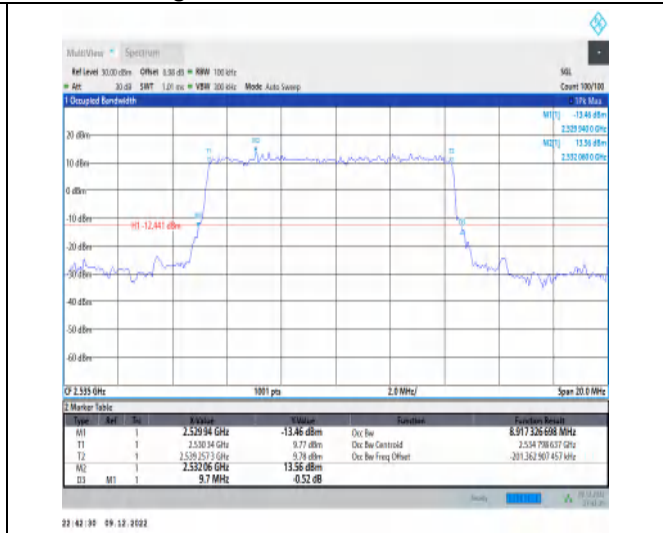


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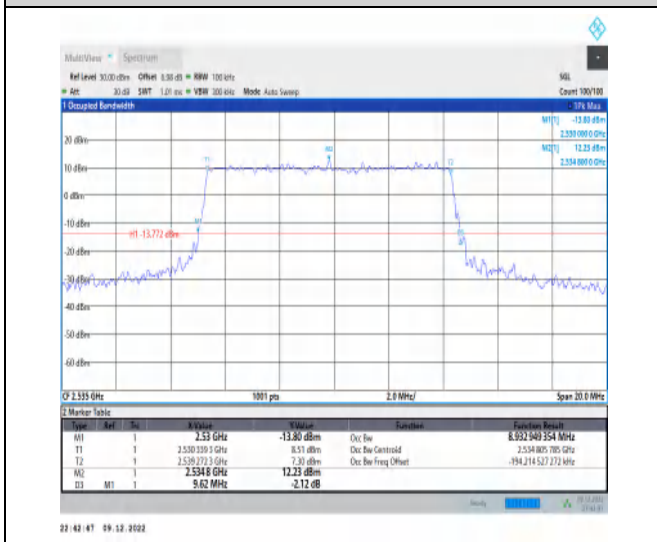




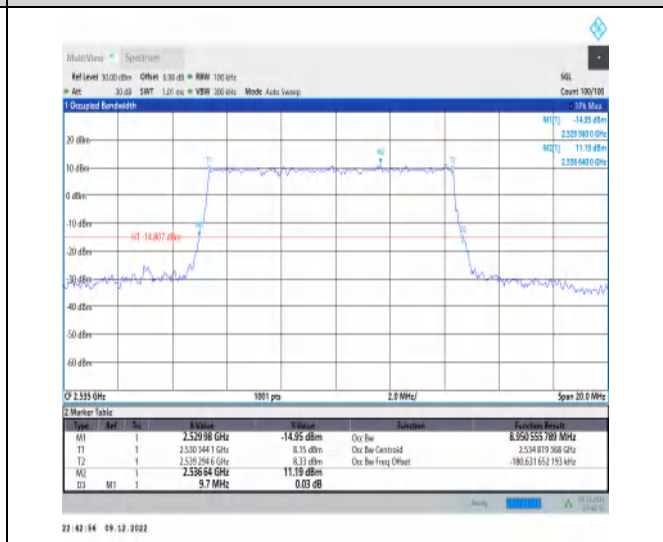
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1-N7-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-An t1-8.917-9.700-≤10-PASS



1-N7-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.933-9.620-≤10-PASS



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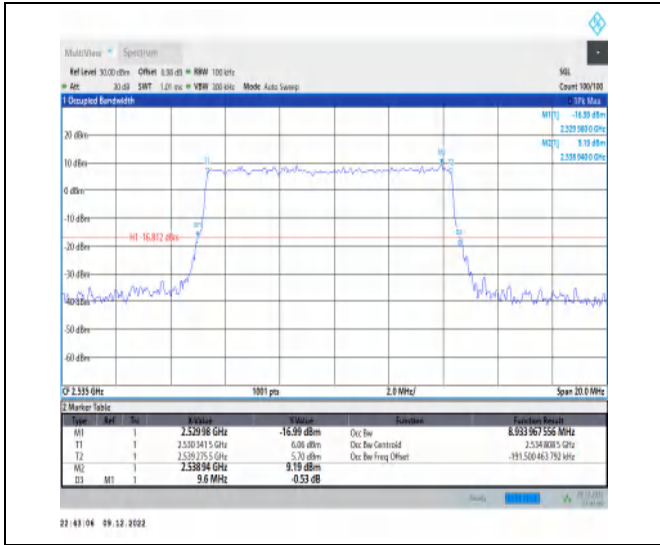


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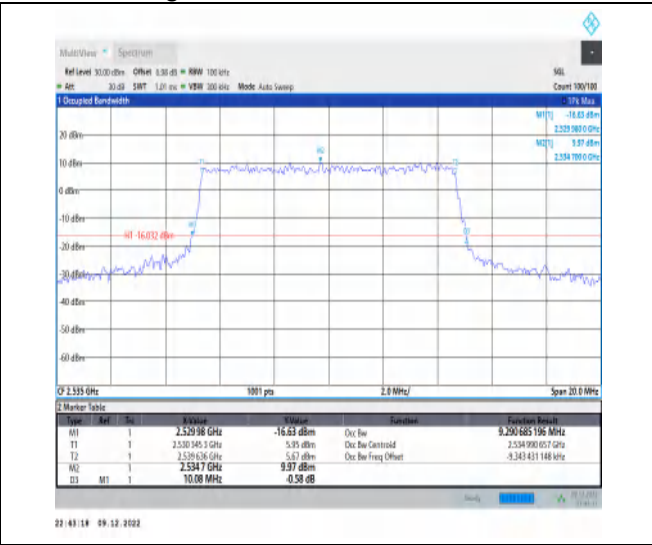
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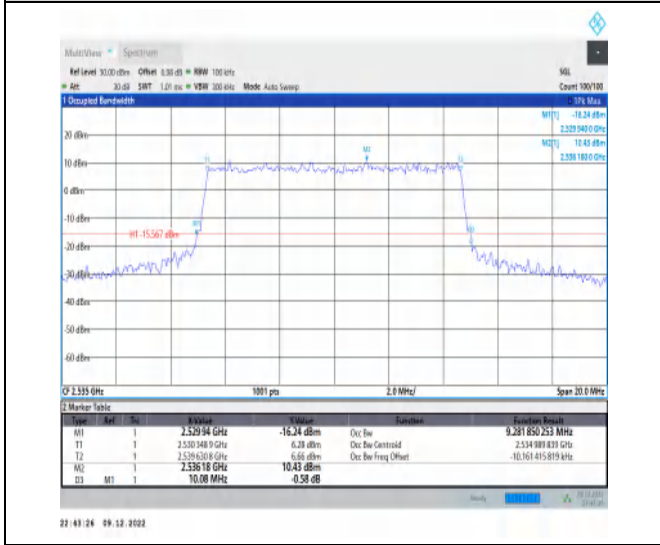
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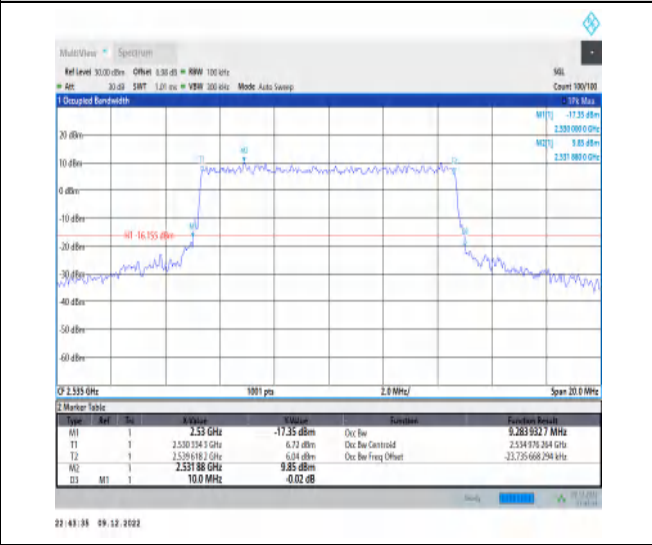
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1-N7-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.
 291-10.080-≤10-PASS



1-N7-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.
 9.282-10.080-≤10-PASS

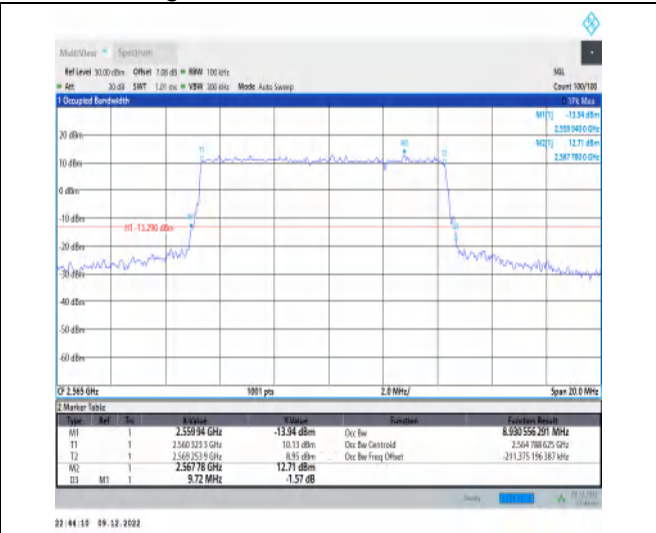


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 9.284-10.000-≤10-PASS

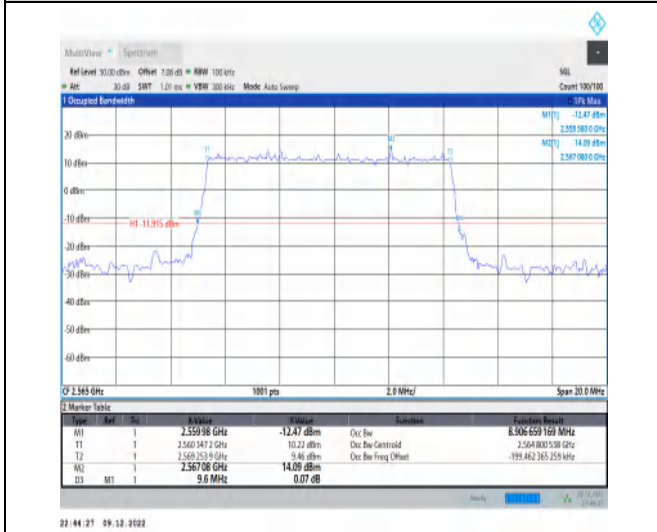




1-N7-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1
-9.304-10.060≤10-PASS



1-N7-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-
8.931-9.720≤10-PASS



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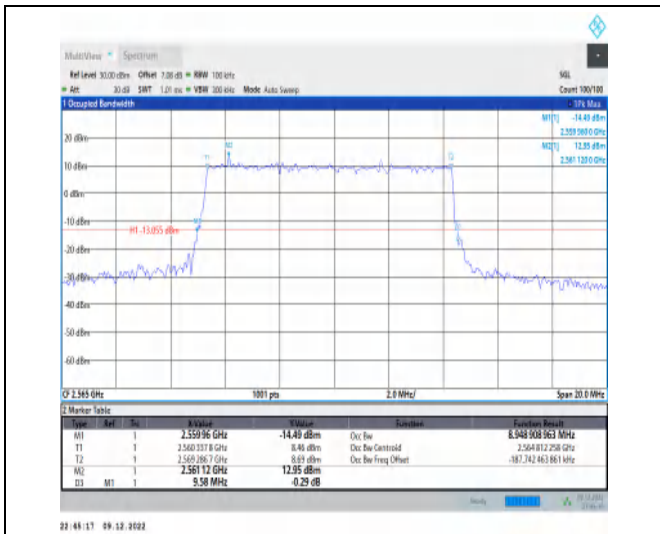
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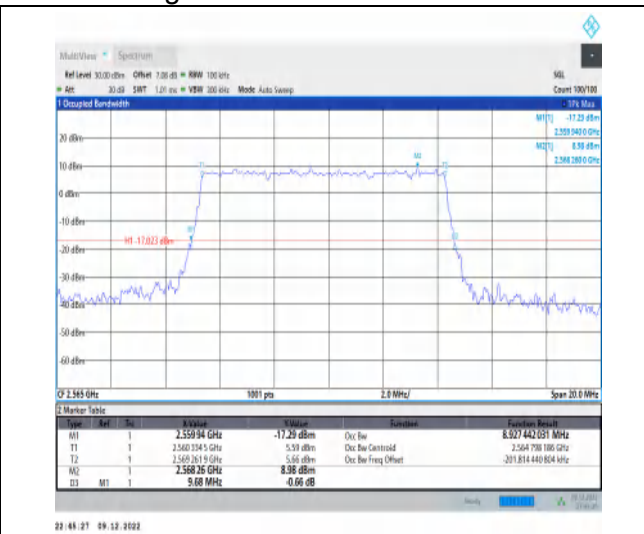
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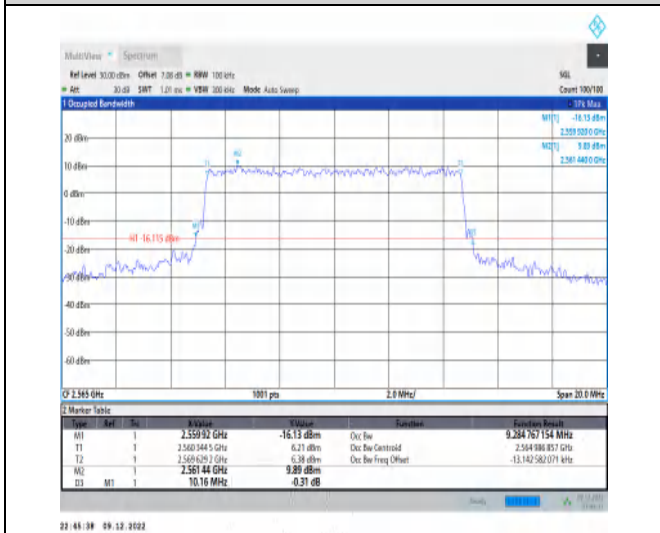
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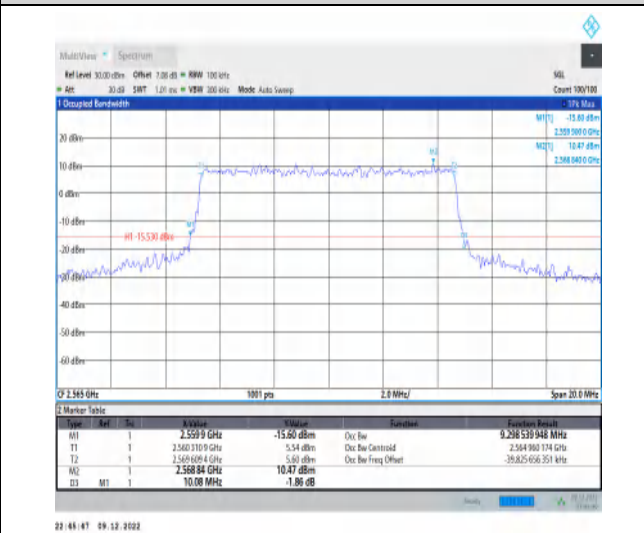
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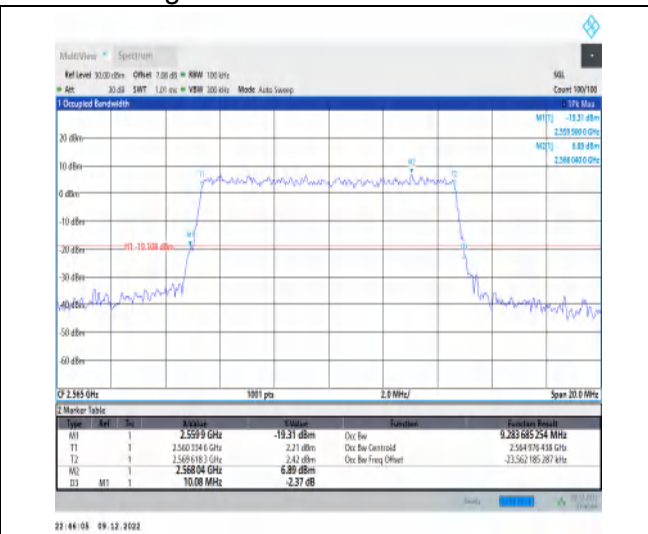
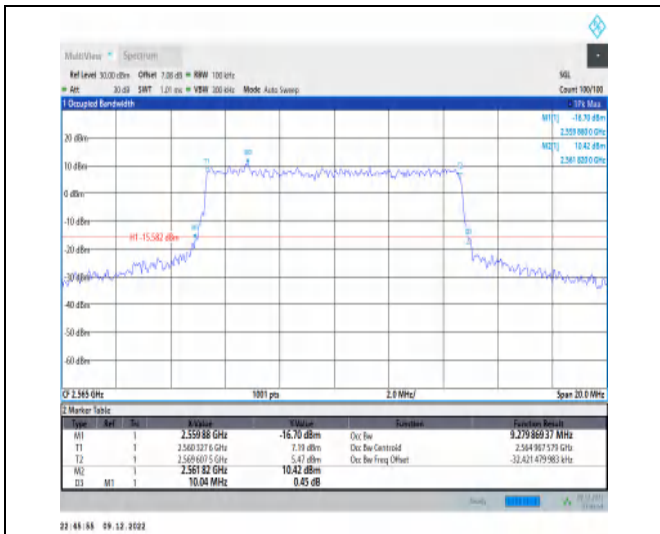


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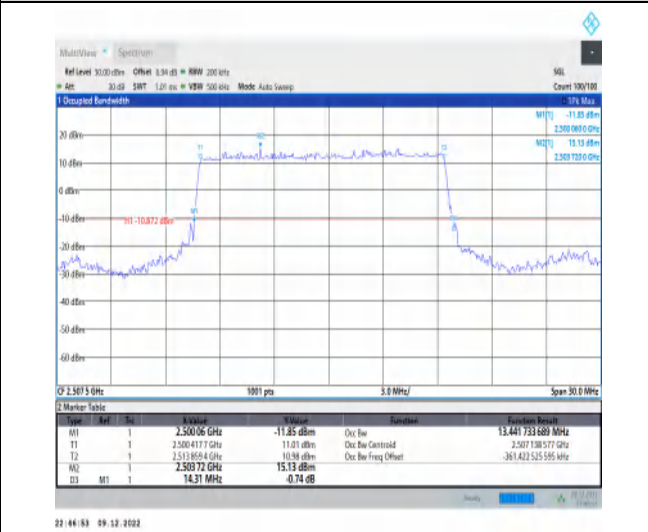
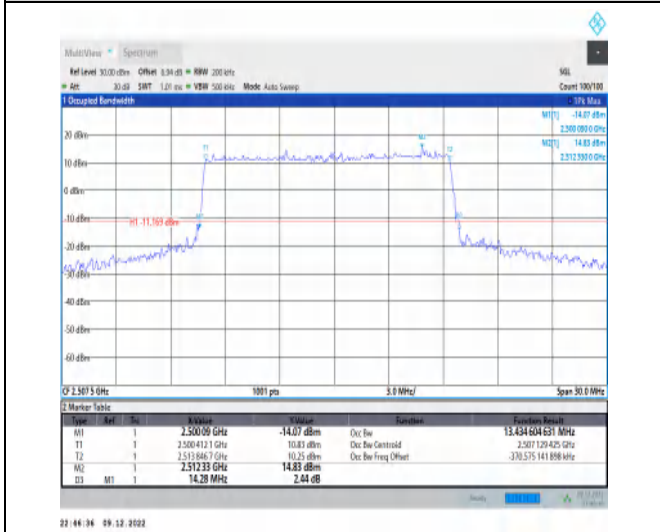
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 9.299-10.080-≤10-PASS





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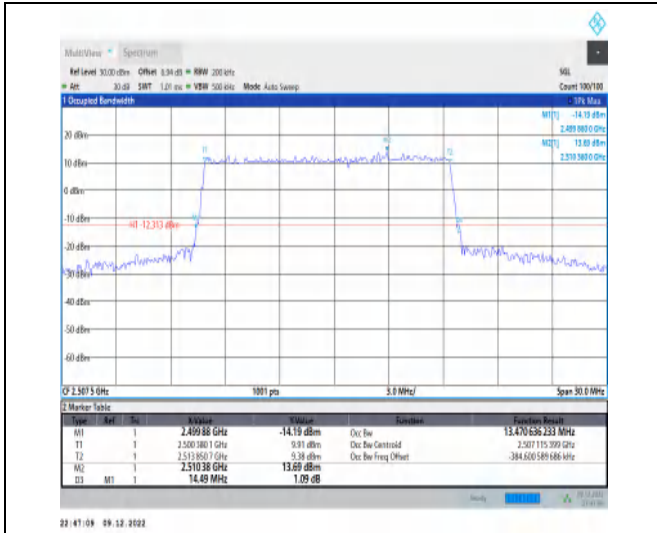
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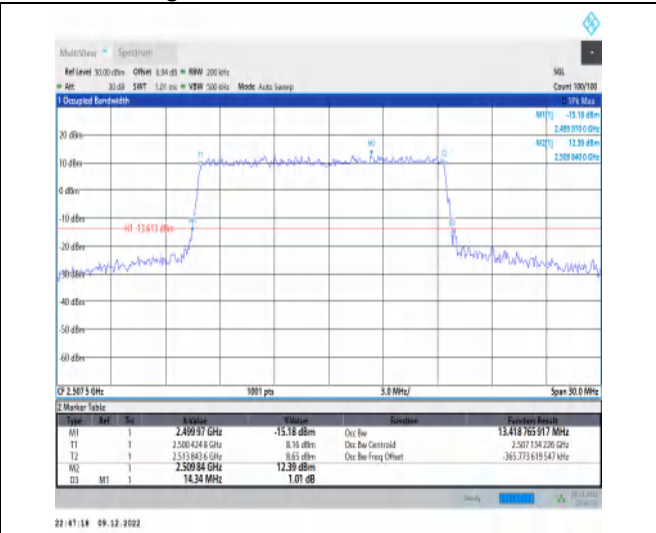
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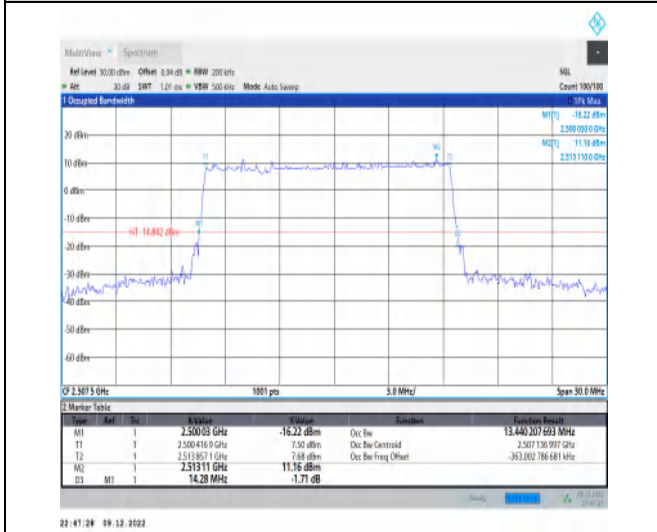




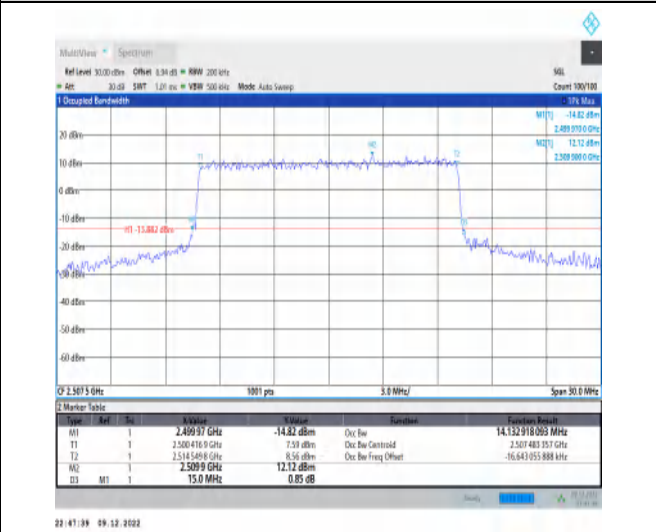
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1-N7-15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.419-14.340-≤15-PASS



1-N7-15-15-L-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.44-14.280-≤15-PASS



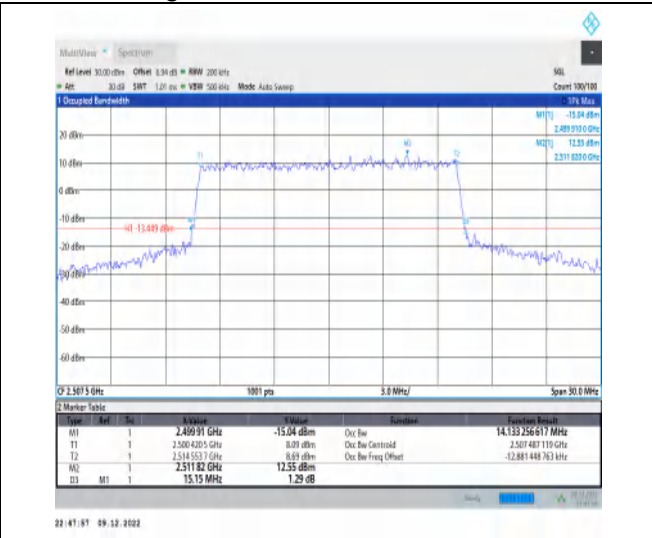
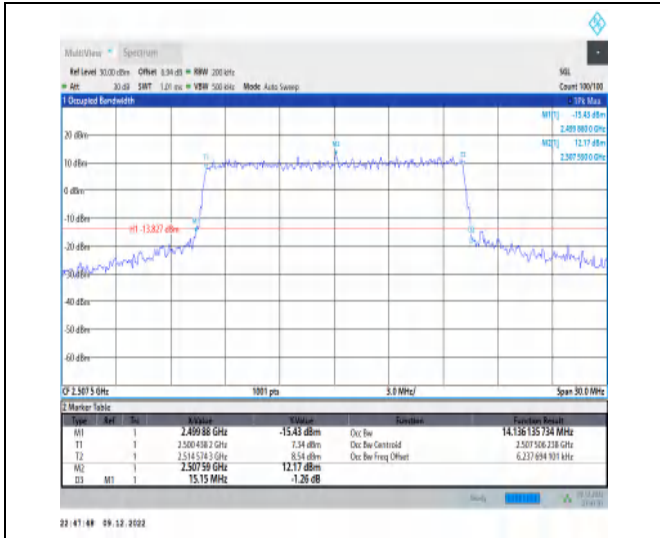
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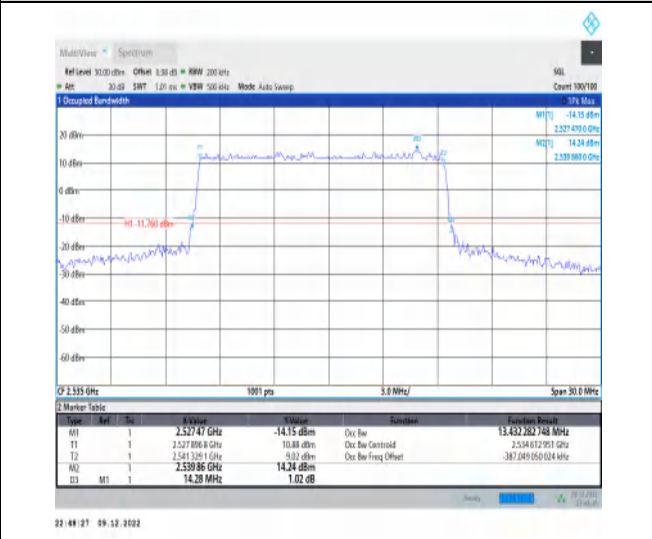
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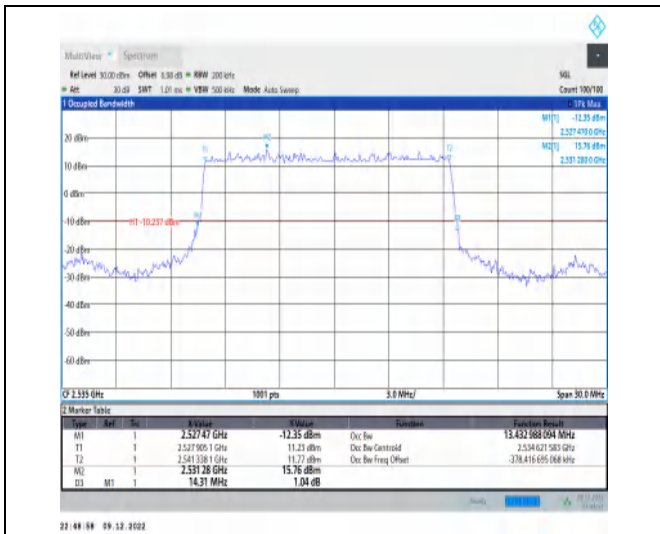
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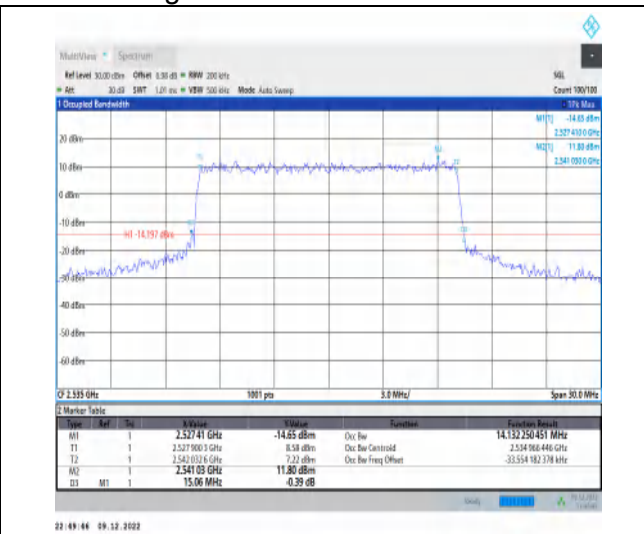
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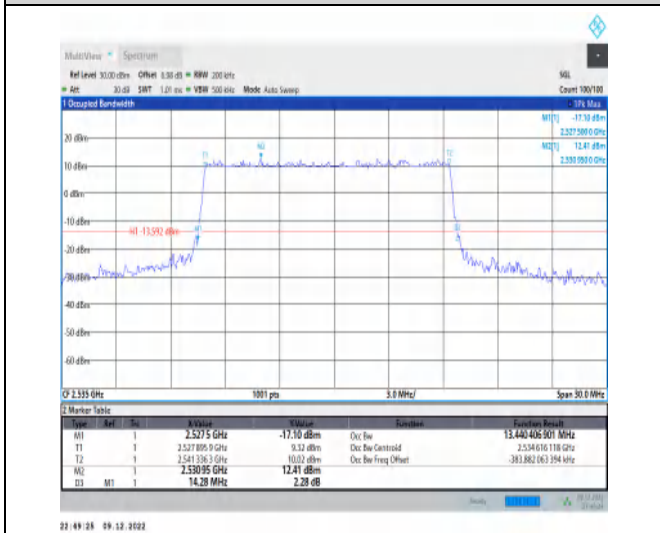




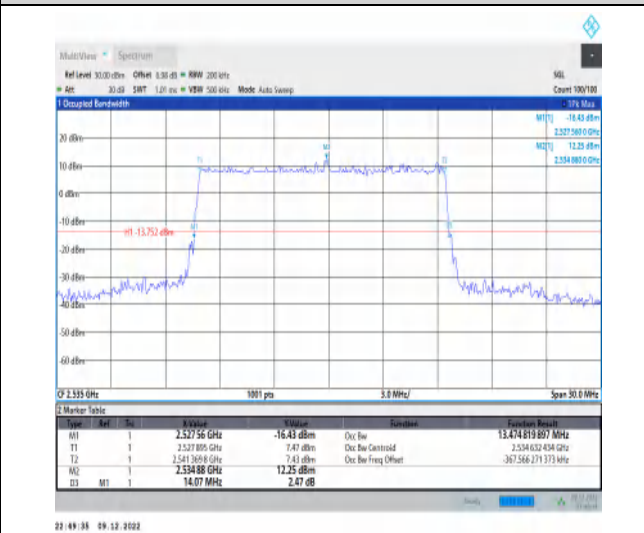
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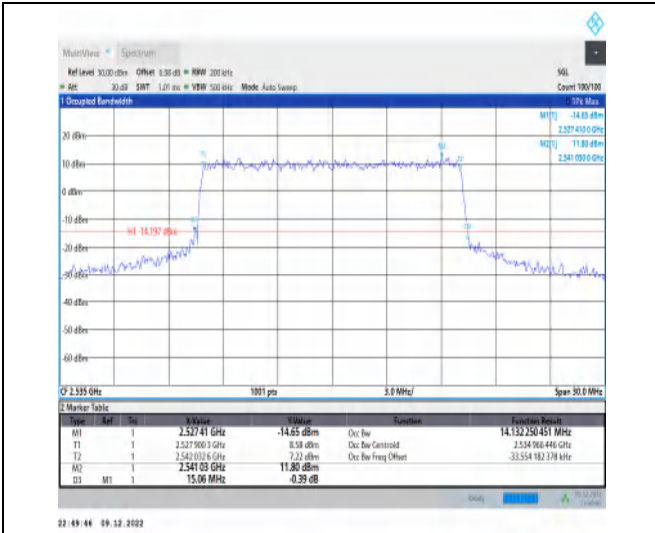


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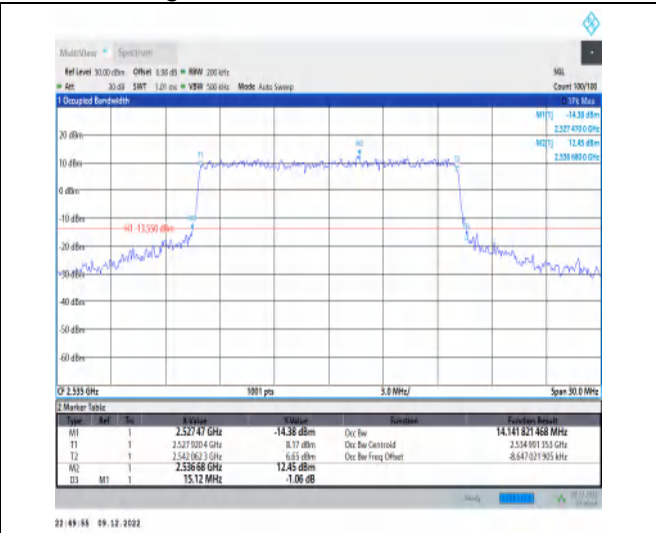


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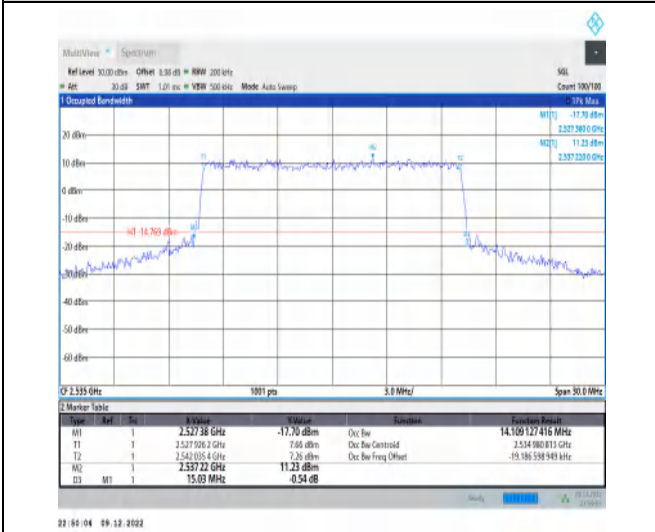




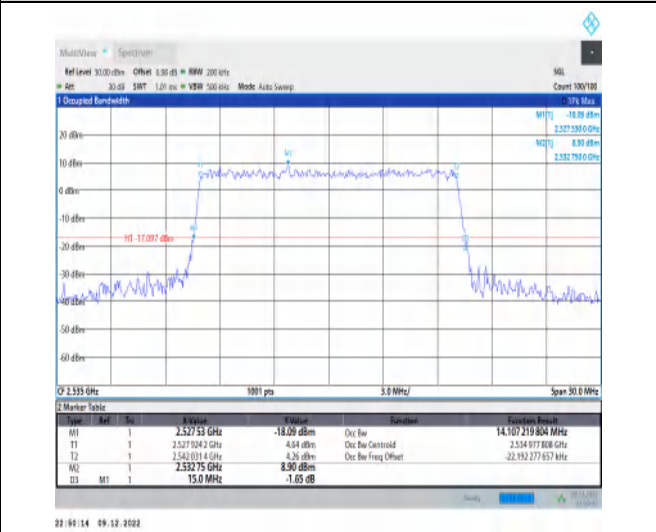
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4.132-15.060-≤15-PASS



1-N7-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-
14.142-15.120-≤15-PASS



1-N7-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-
14.109-15.030-≤15-PASS



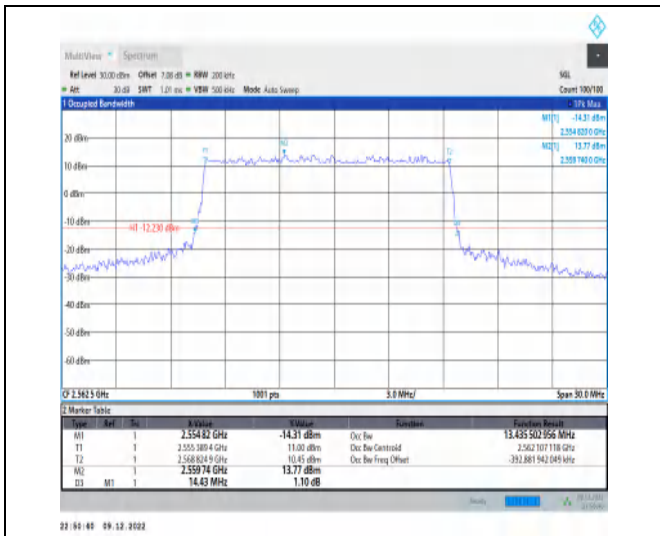
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-14.107-15.000-≤15-PASS



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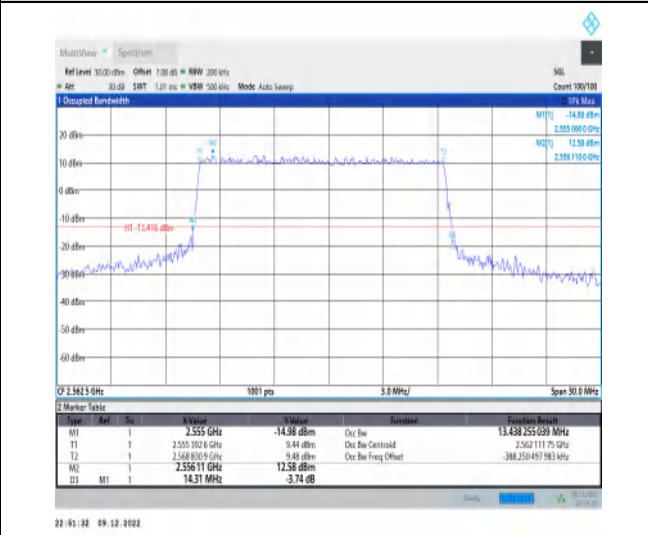
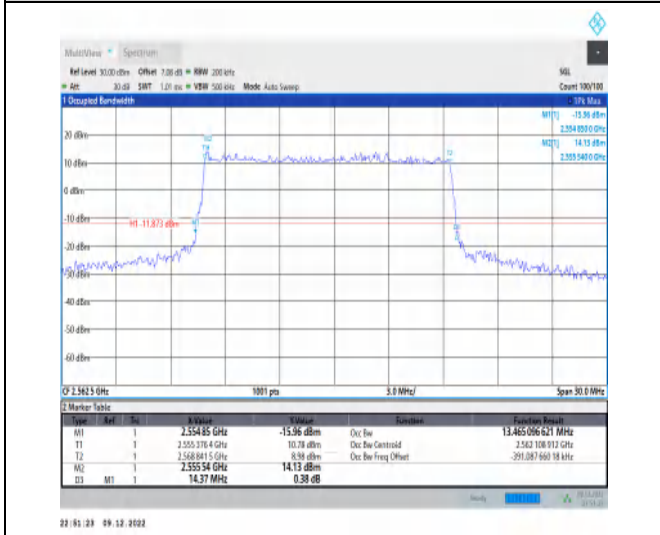
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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号6号厂房南楼 邮编: 215000

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1-N7-15-15-H-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.436-14.430-≤15-PASS

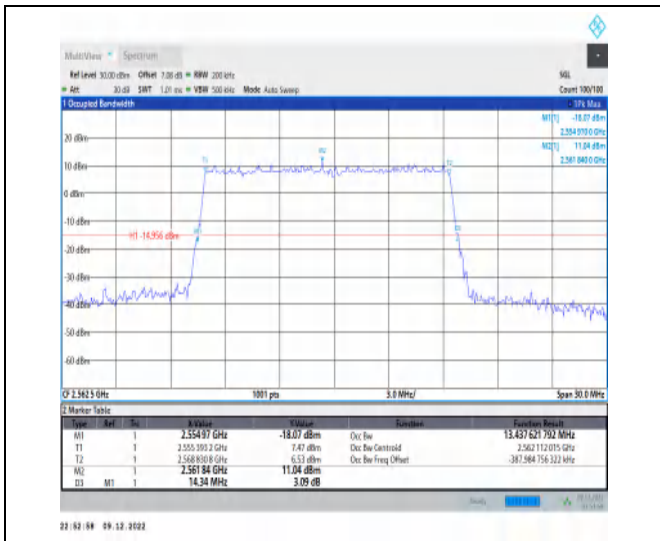
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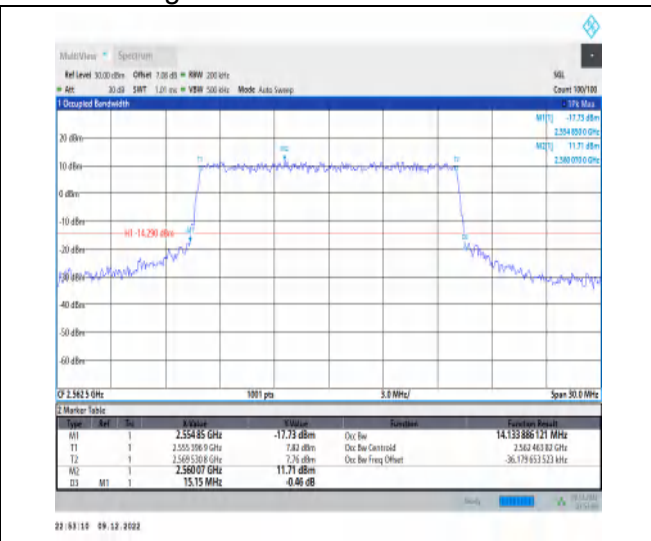
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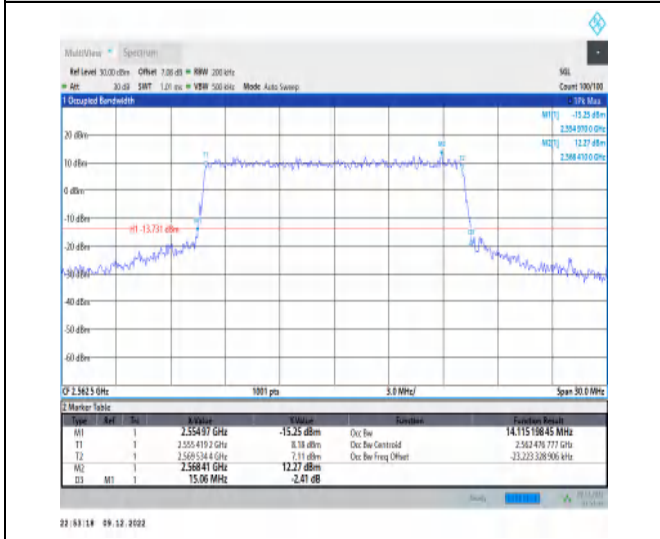




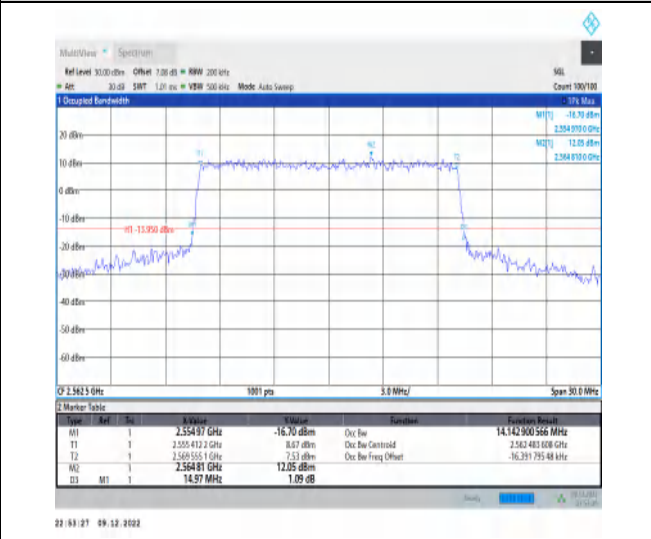
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 1-13.438-14.340-≤15-PASS



1-N7-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1
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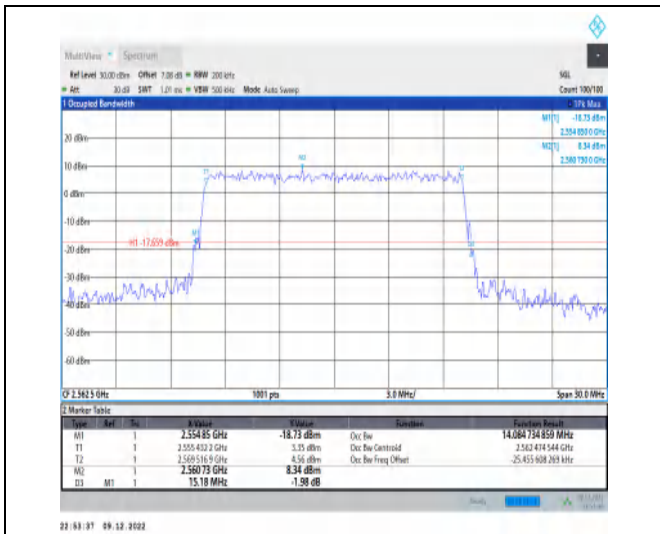


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 14.115-15.060-≤15-PASS



1-N7-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant1-
 14.143-14.970-≤15-PASS

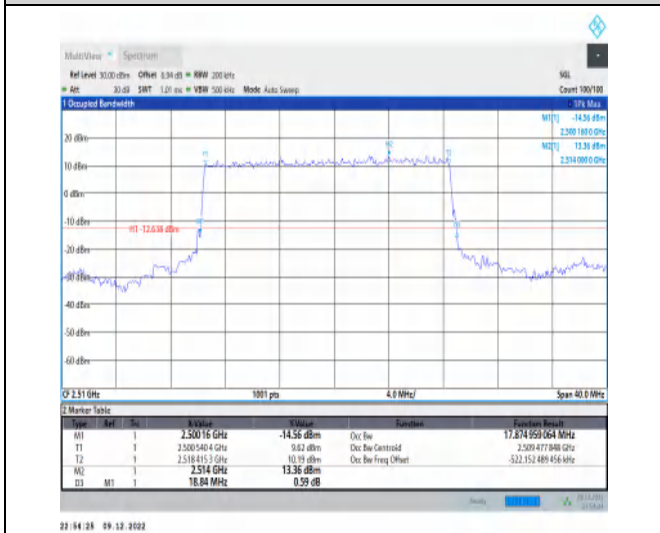




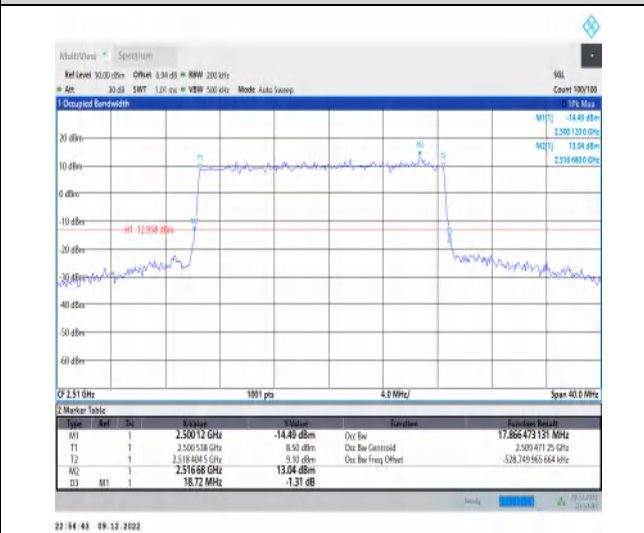
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 -14.085-15.180-≤15-PASS



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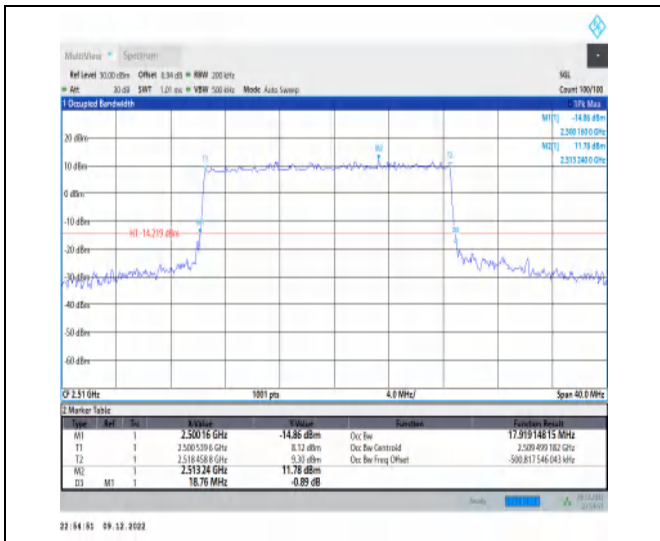


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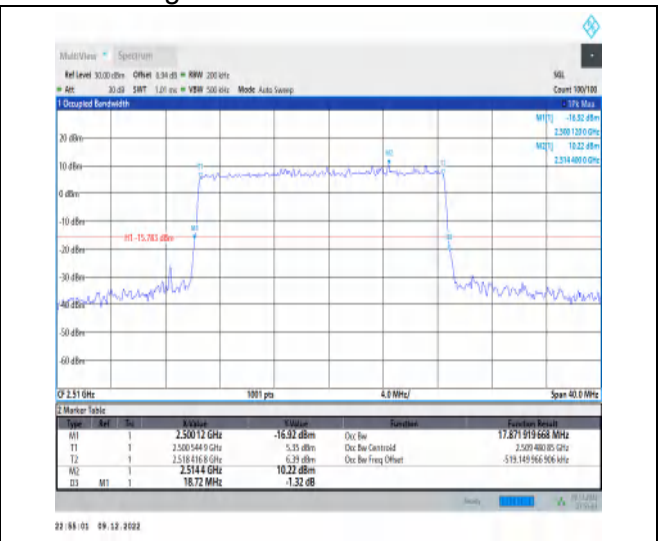


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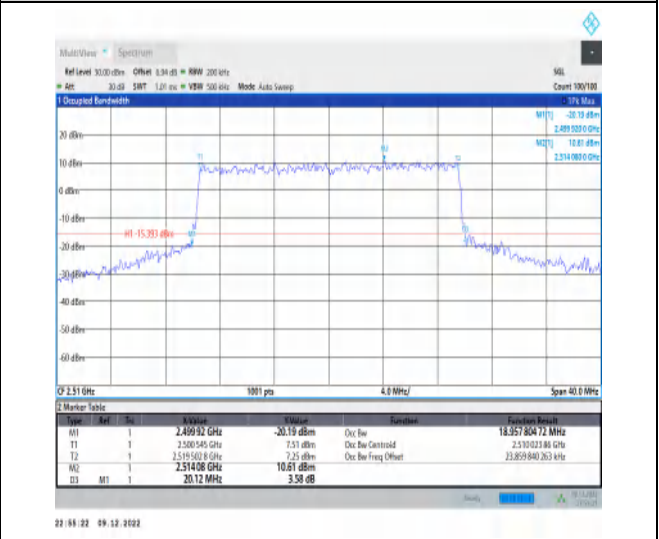
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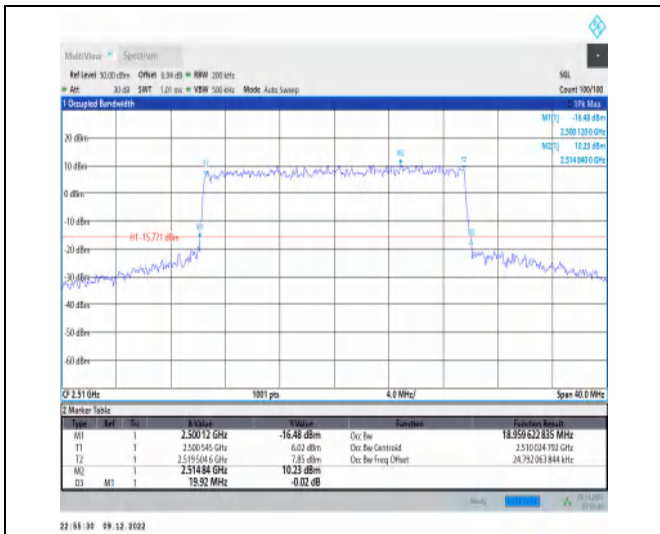


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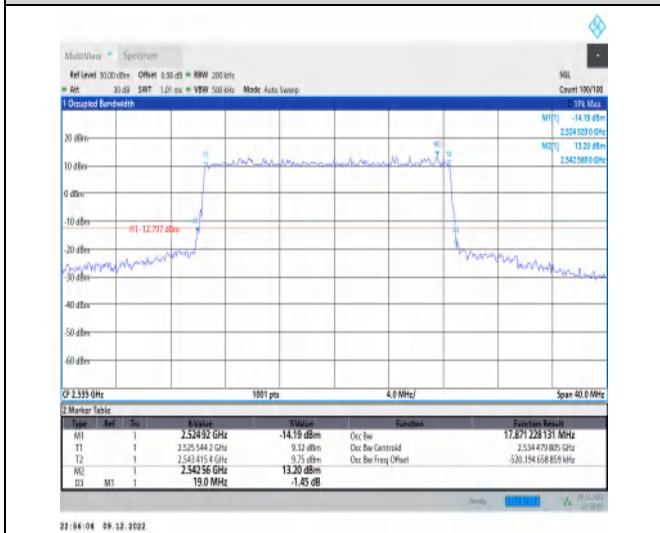




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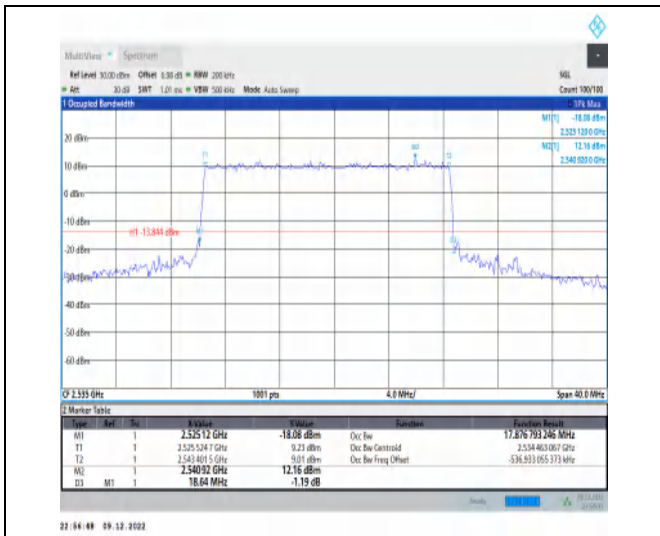


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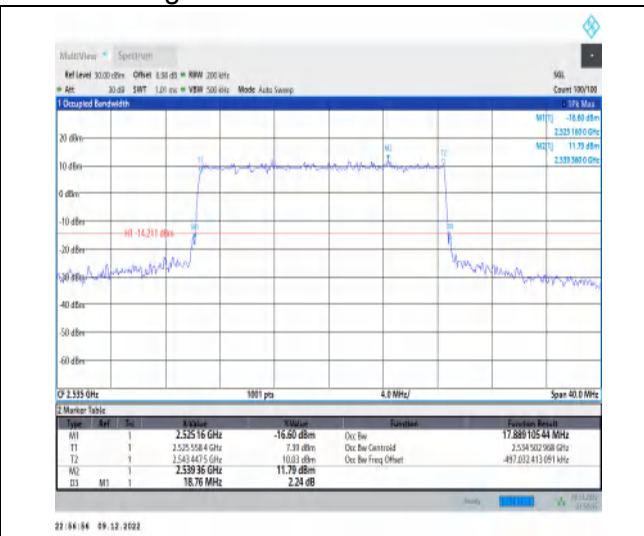


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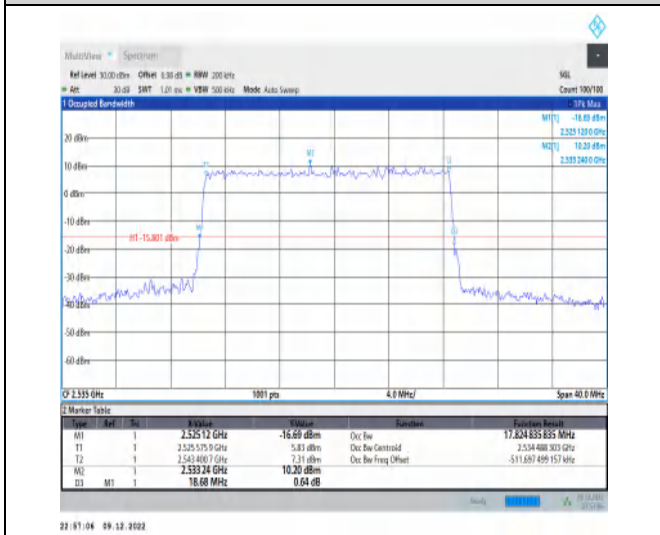




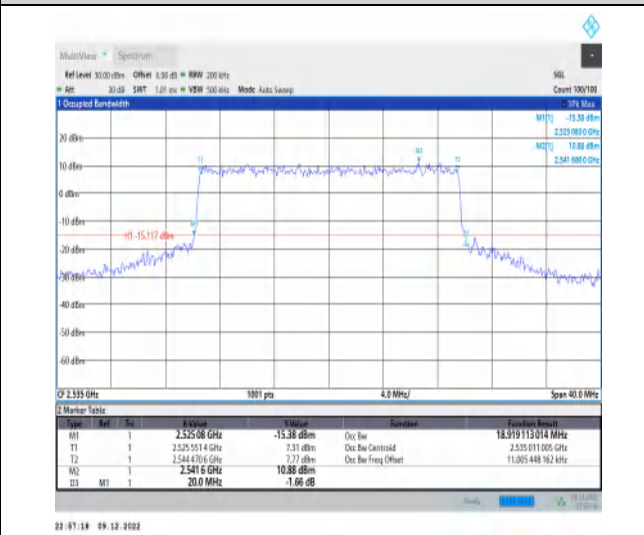
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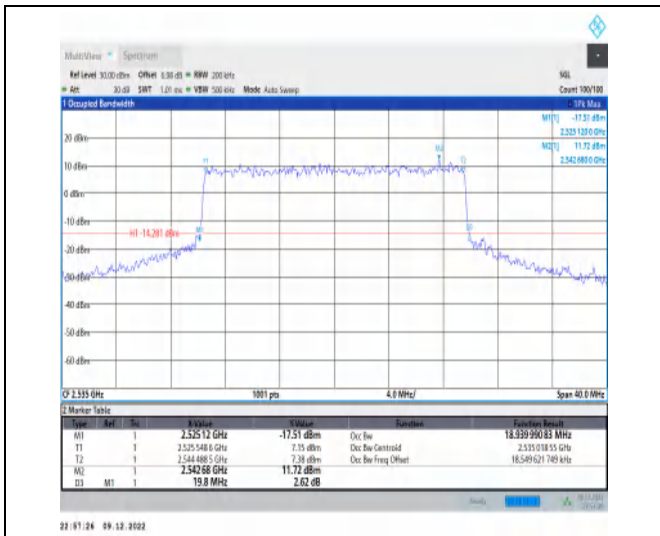


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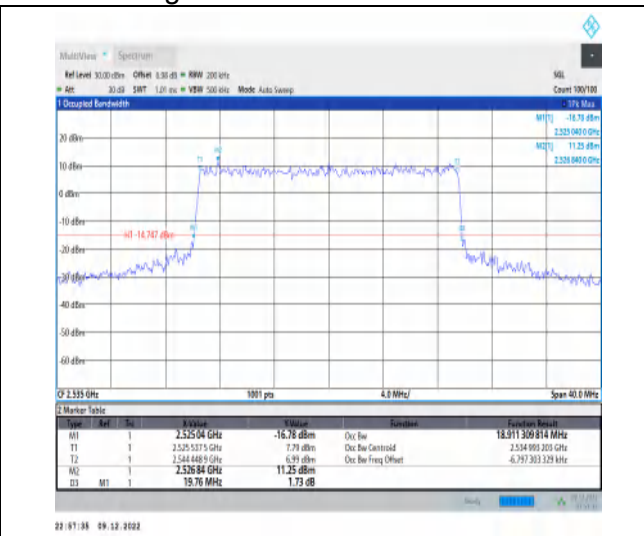


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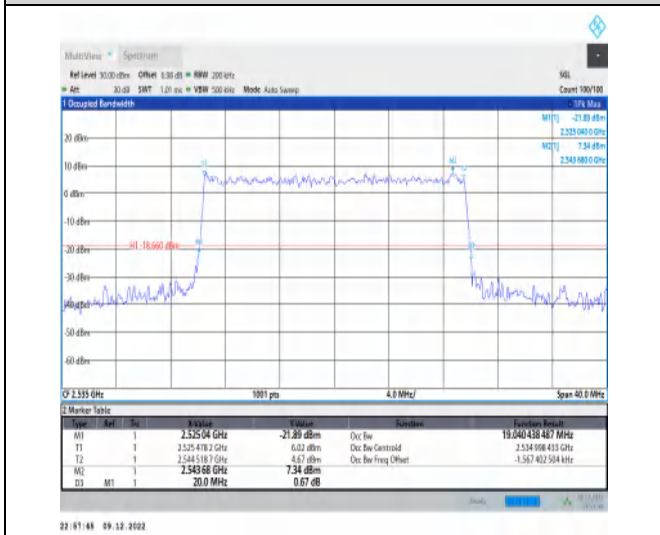




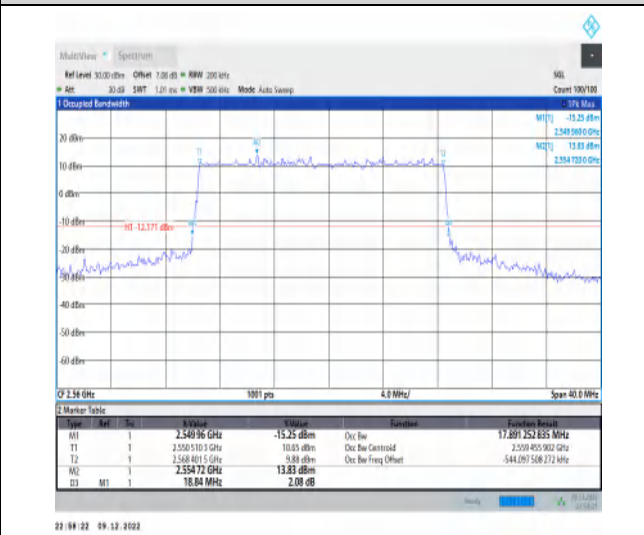
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1-N7-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1
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1-N7-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant
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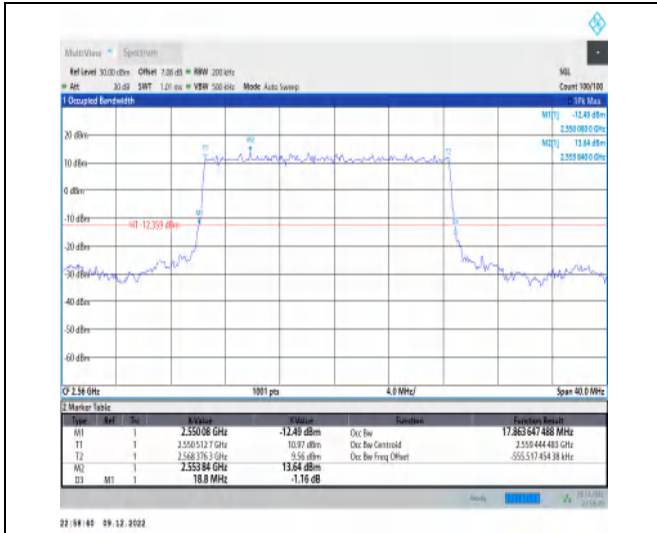


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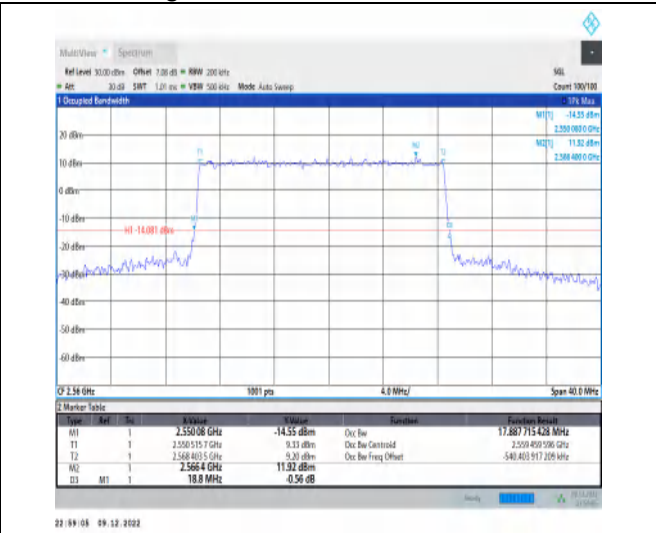


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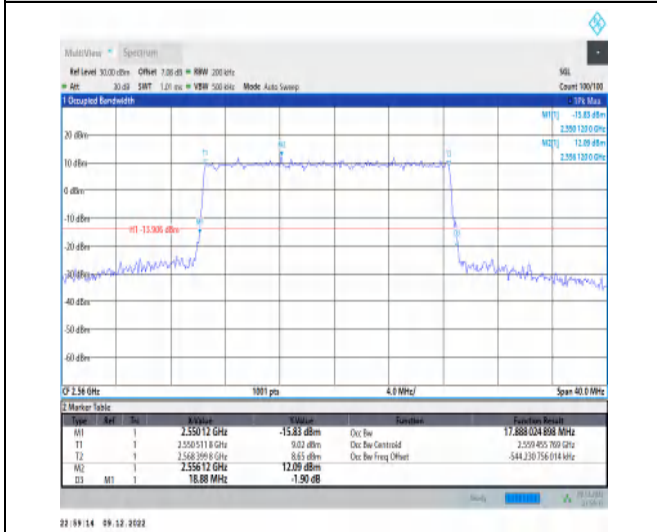
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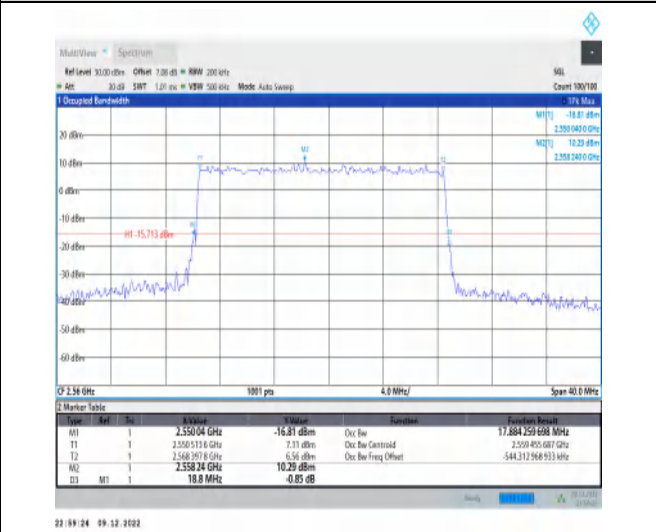
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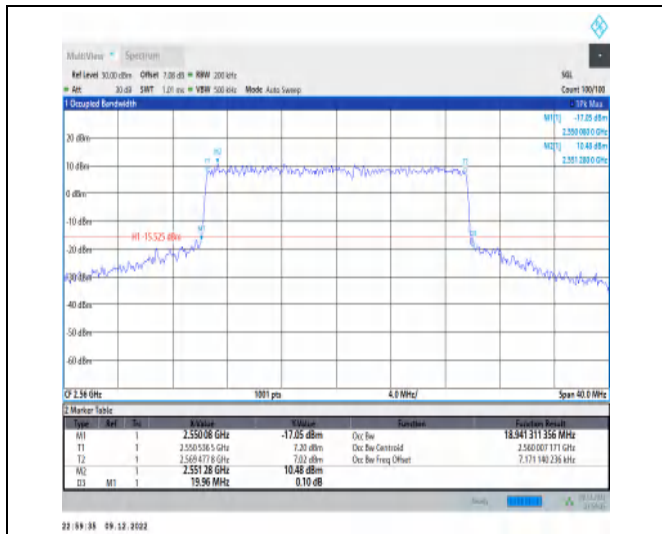


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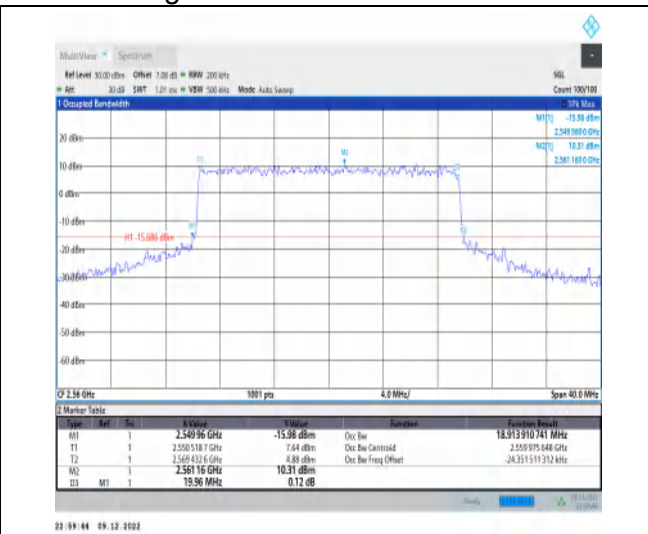


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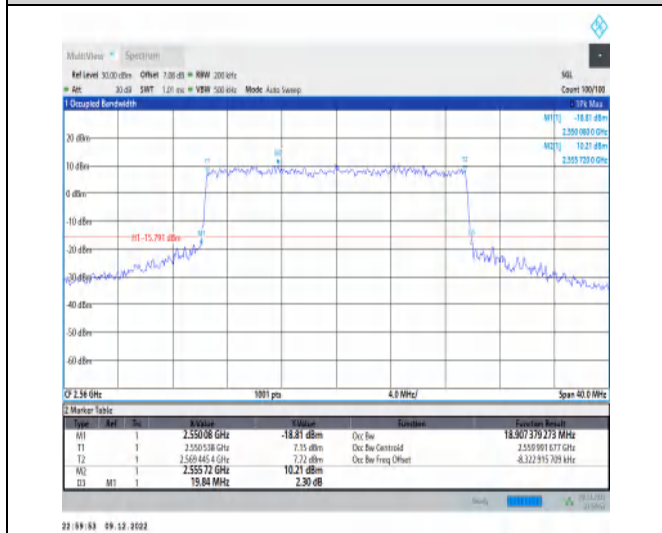




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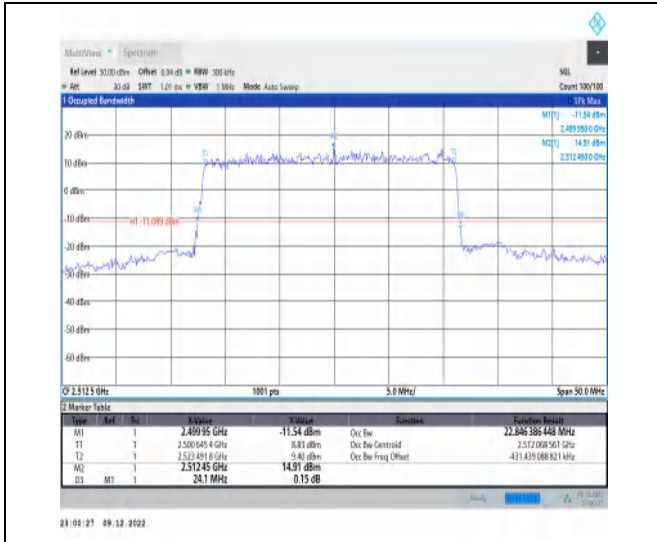


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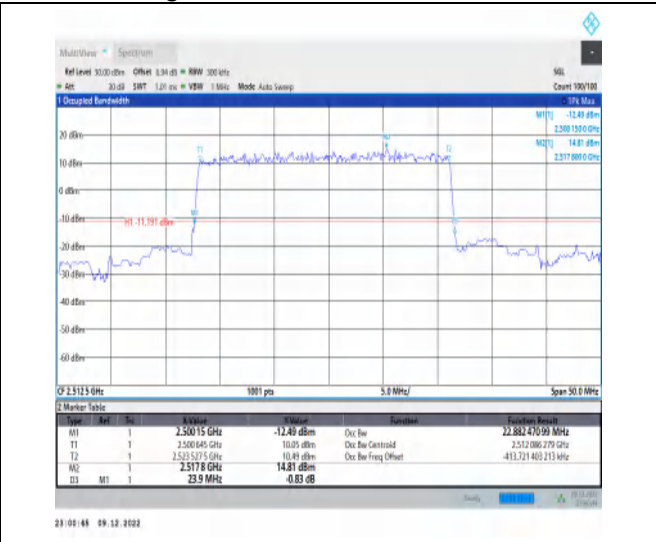


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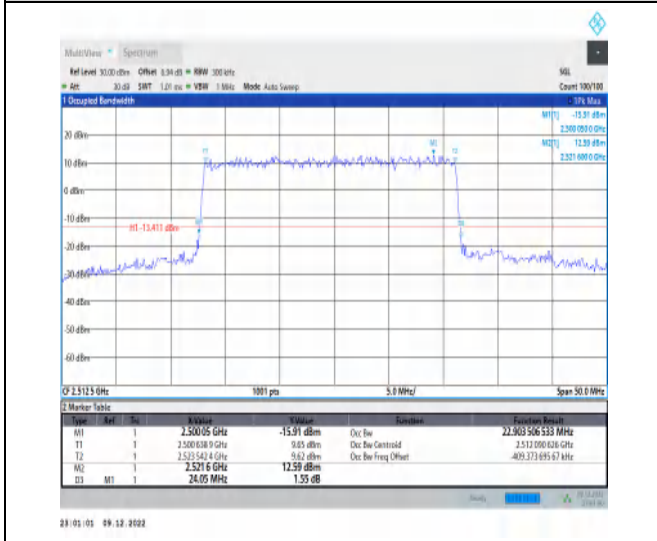




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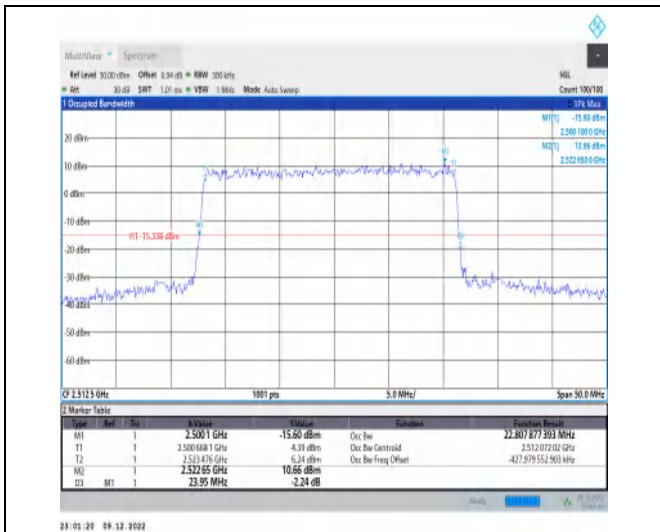


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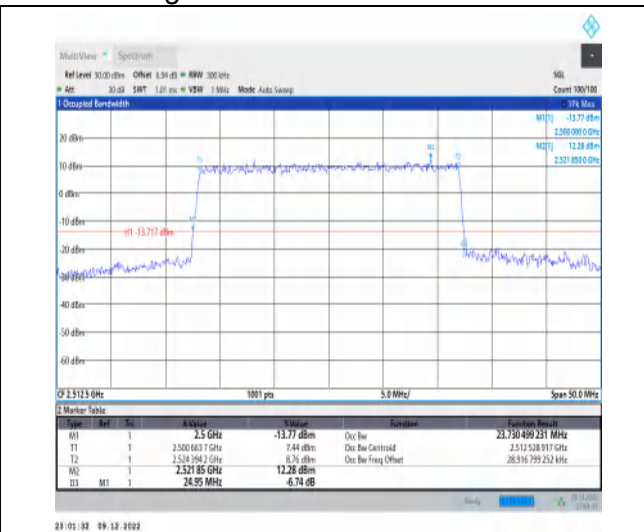


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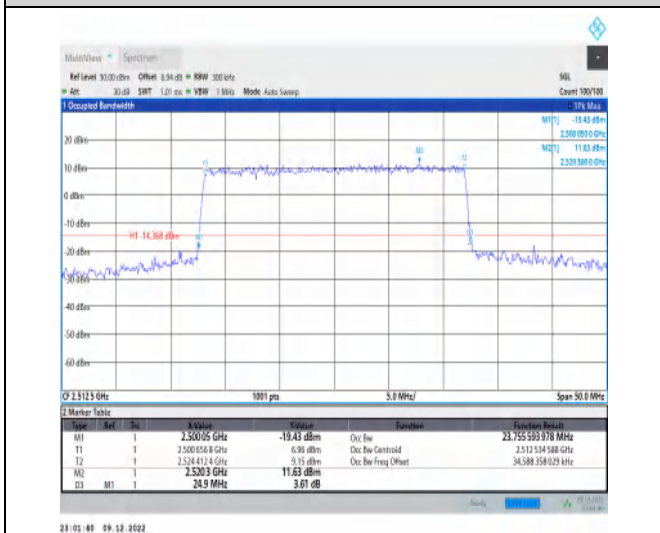




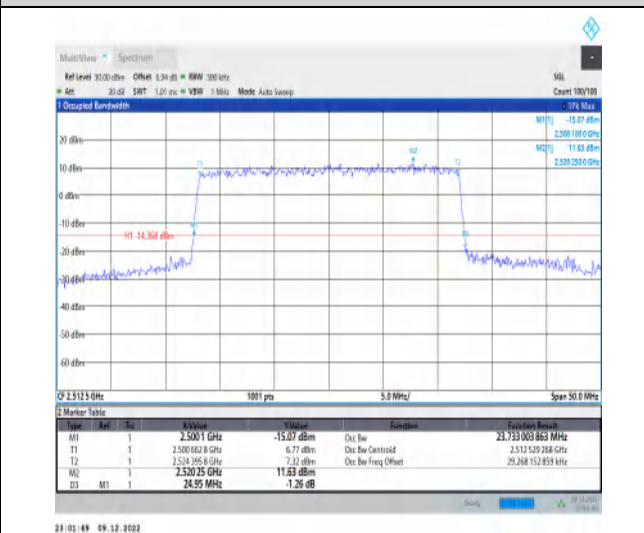
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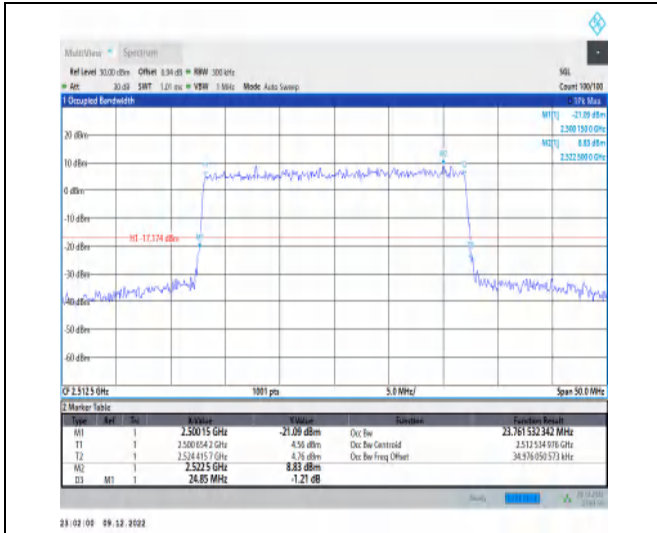


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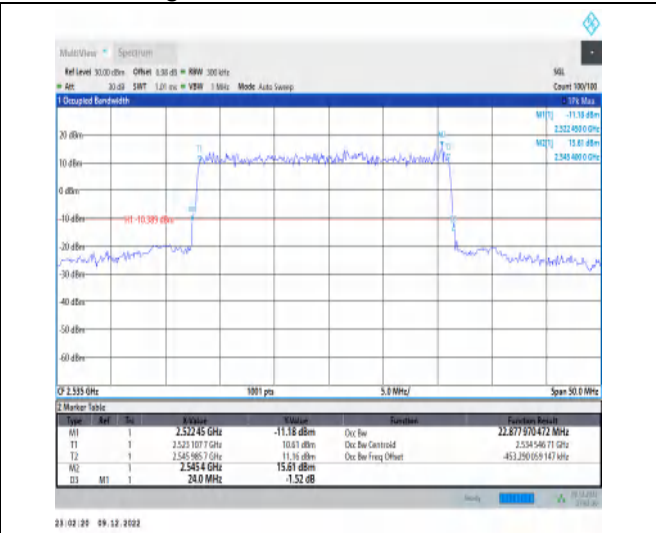


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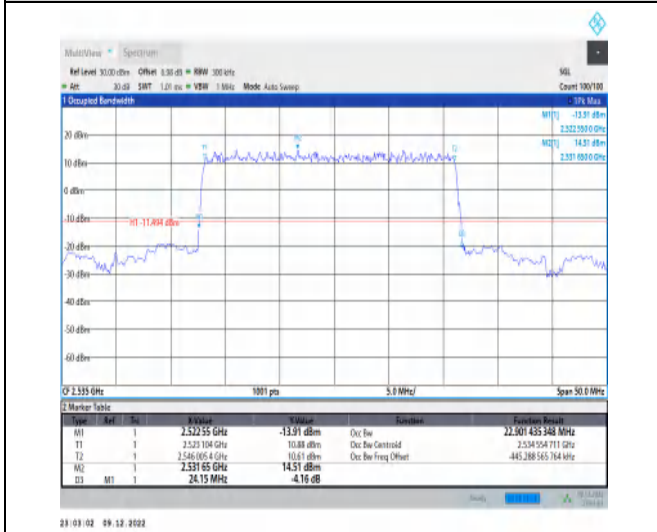




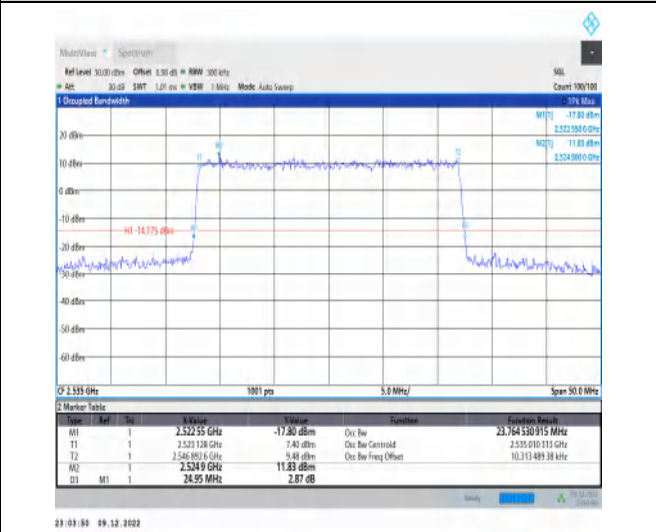
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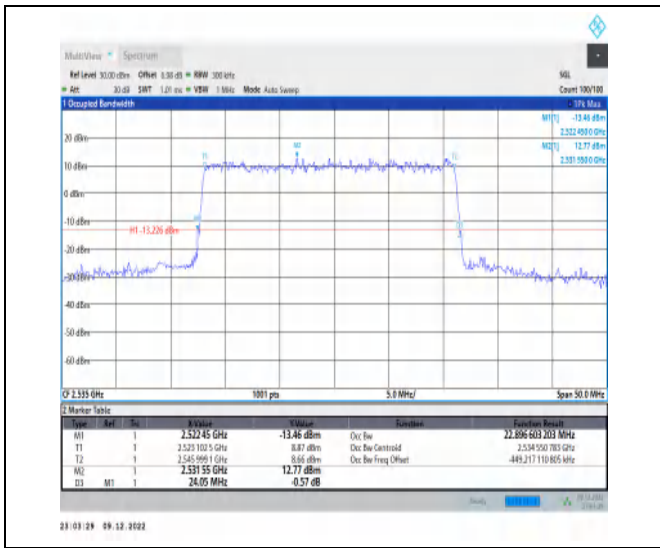


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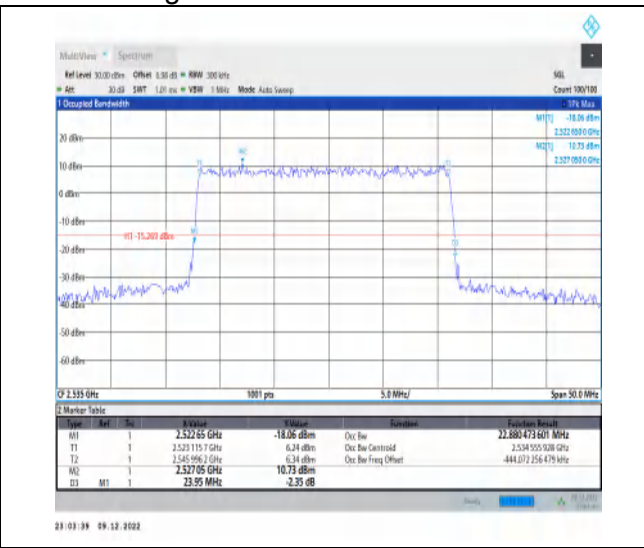


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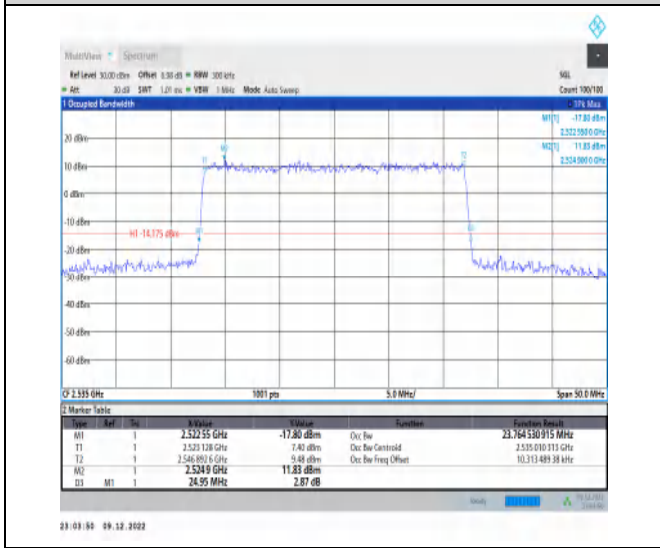




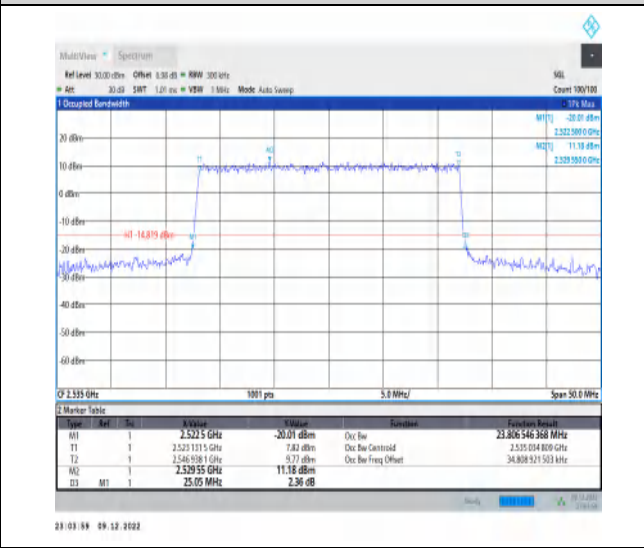
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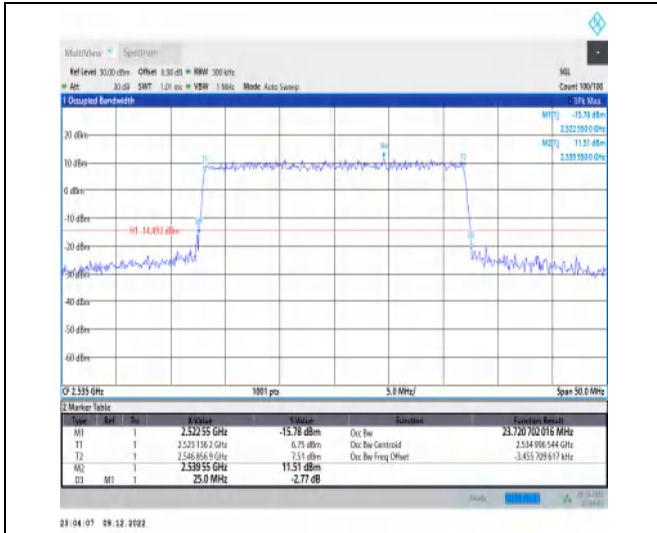


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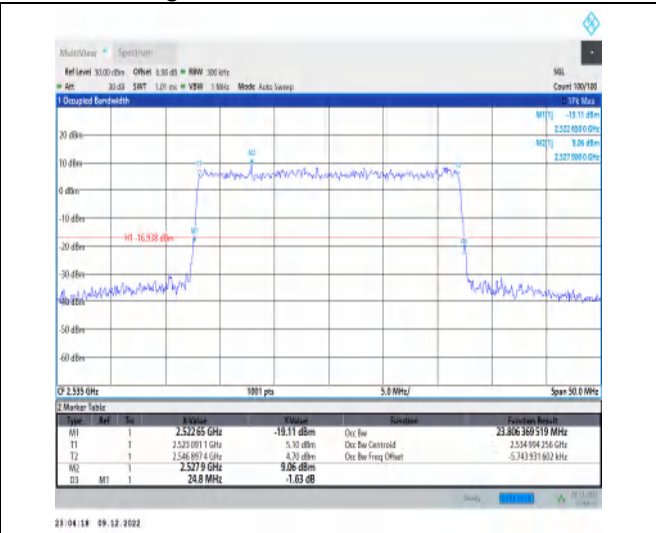


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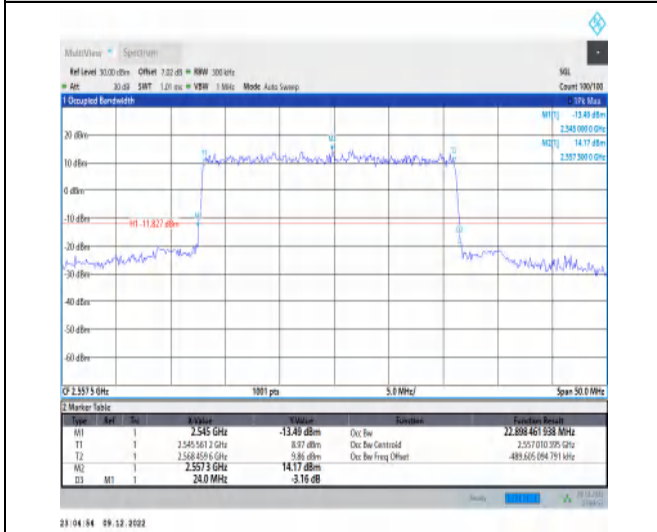




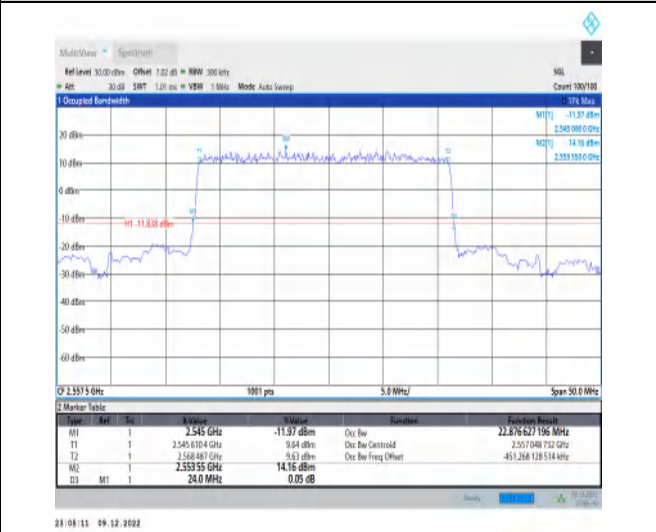
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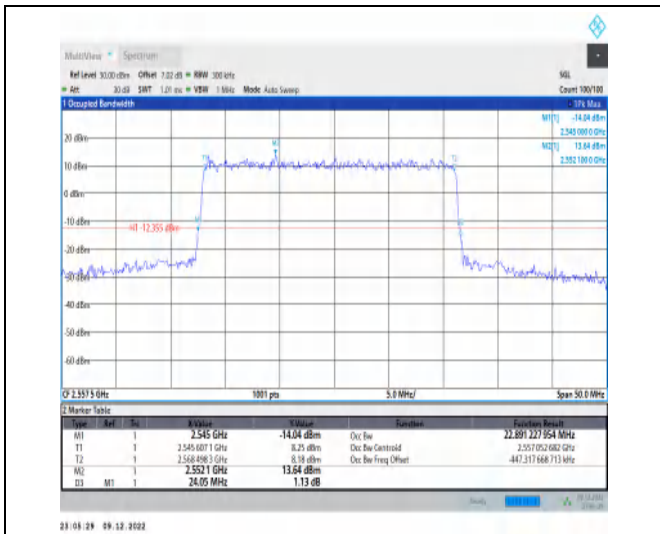


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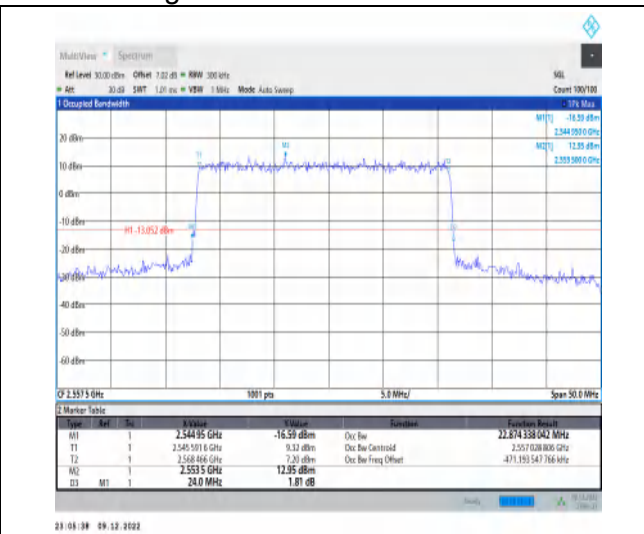


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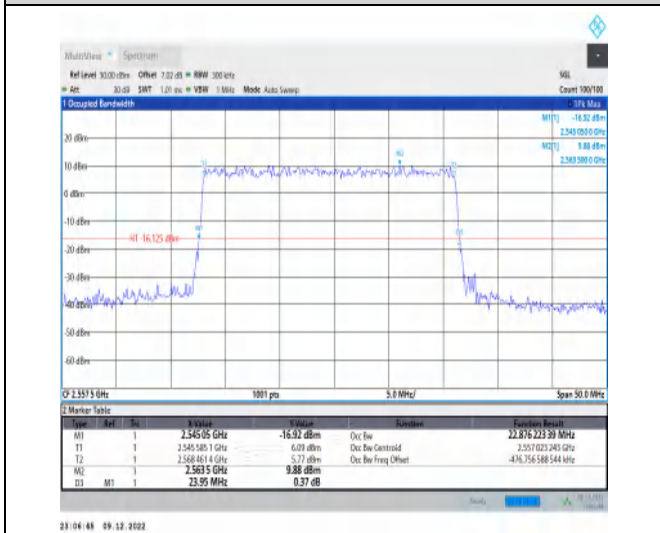




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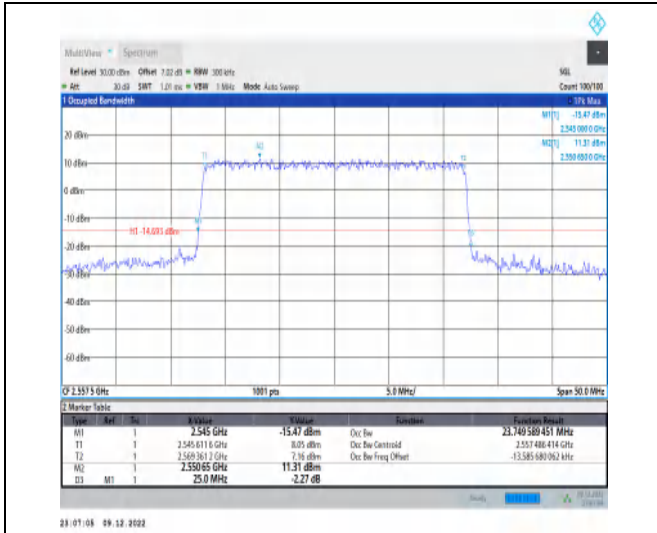


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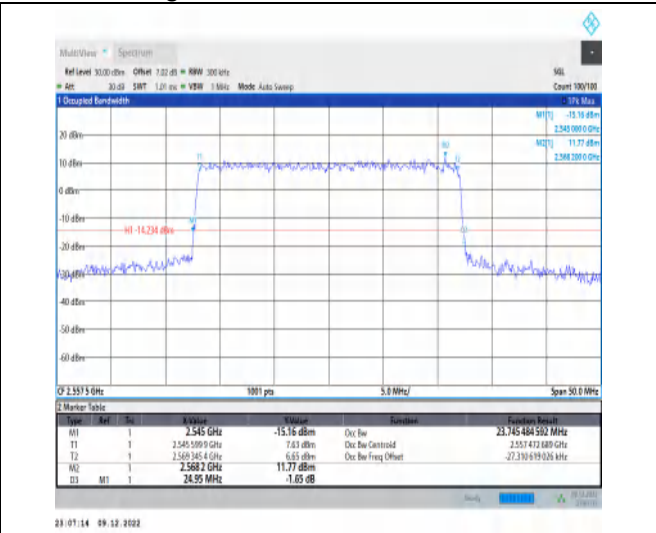


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 23.76-24.950-≤25-PASS





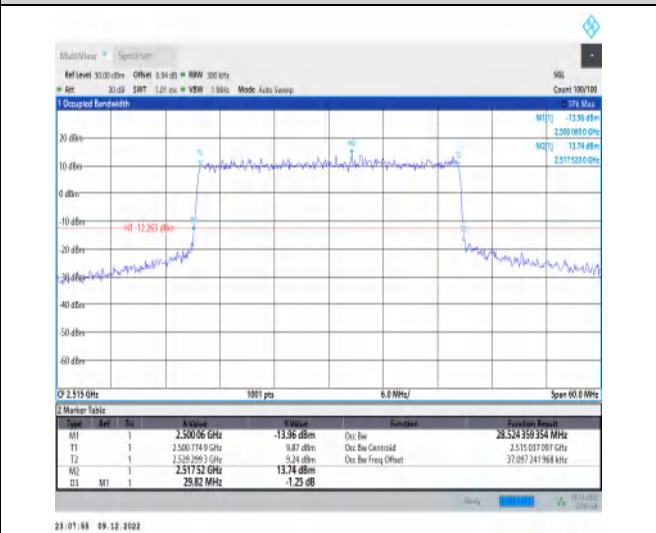
1-N7-15-25-H-7-CP-16QAM-Outer_Full-133@0-Ant1
 -23.75-25.000-≤25-PASS



1-N7-15-25-H-8-CP-64QAM-Outer_Full-133@0-Ant1
 -23.745-24.950-≤25-PASS

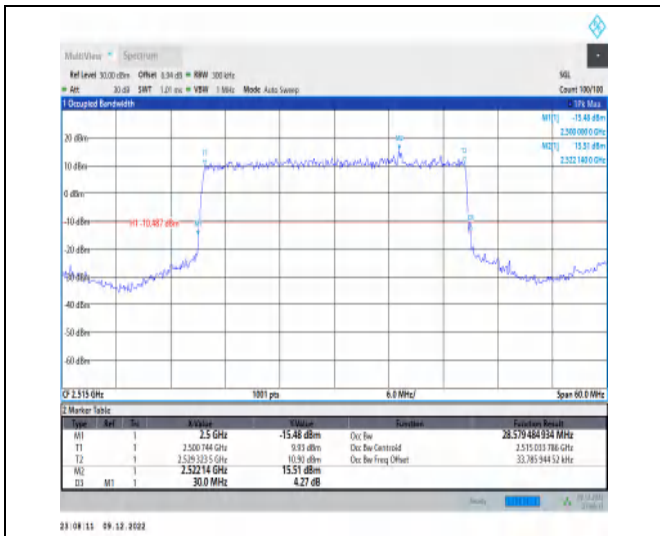


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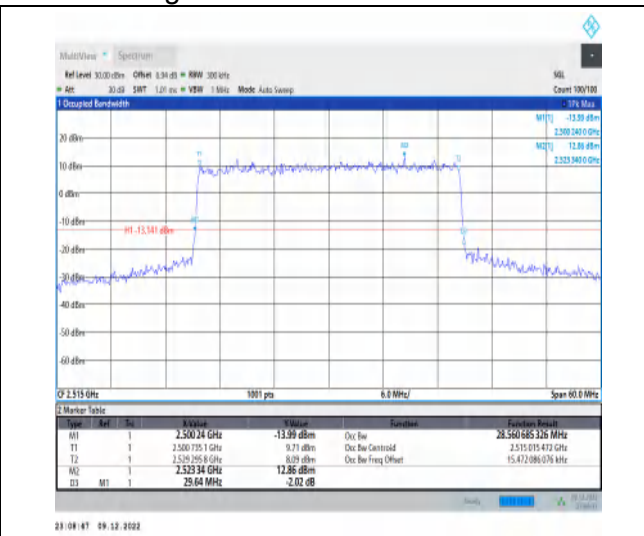


1-N7-15-30-L-1-DFT-QPSK-Outer_Full-160@0-Ant1
 28.524-29.820-≤30-PASS

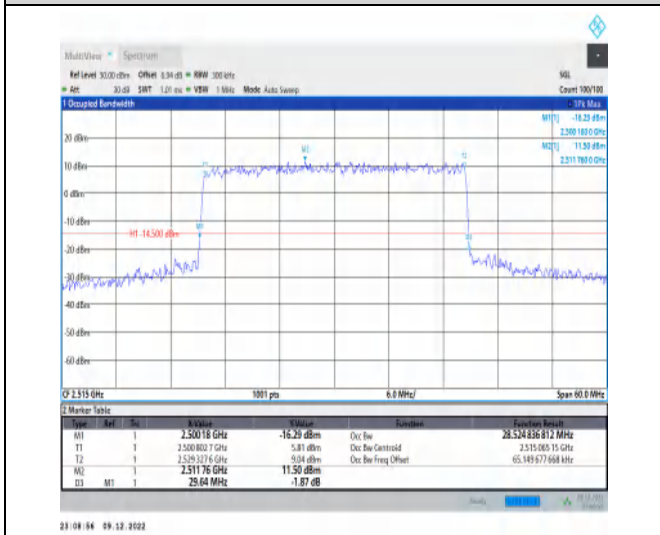




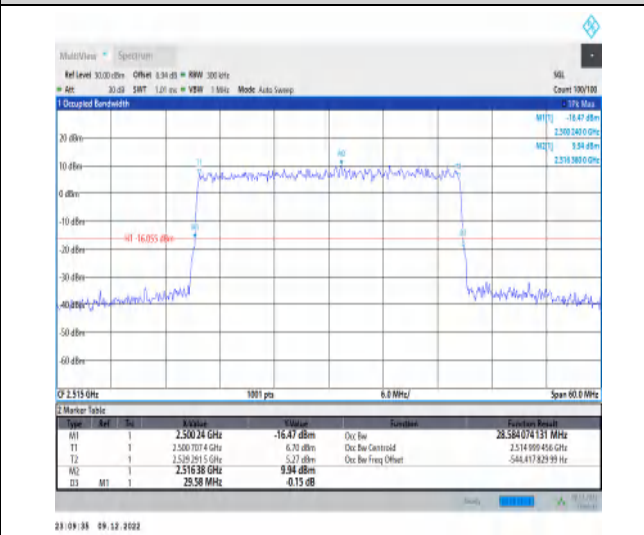
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 nt1-28.579-30.000-≤30-PASS



1-N7-15-30-L-3-DFT-16QAM-Outer_Full-160@0-Ant
 1-28.561-29.640-≤30-PASS

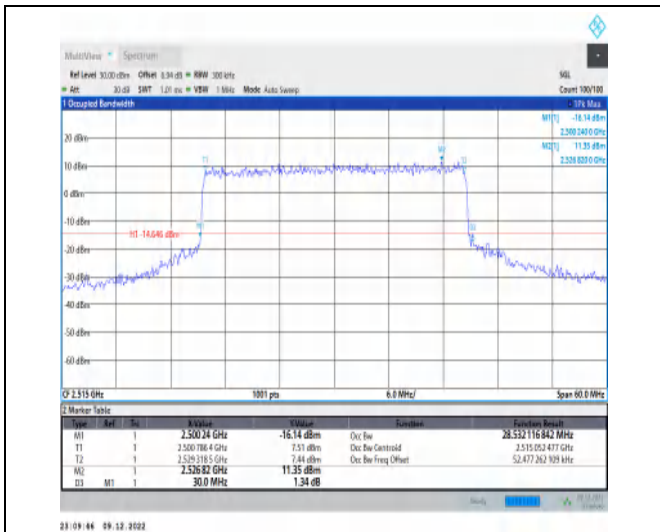


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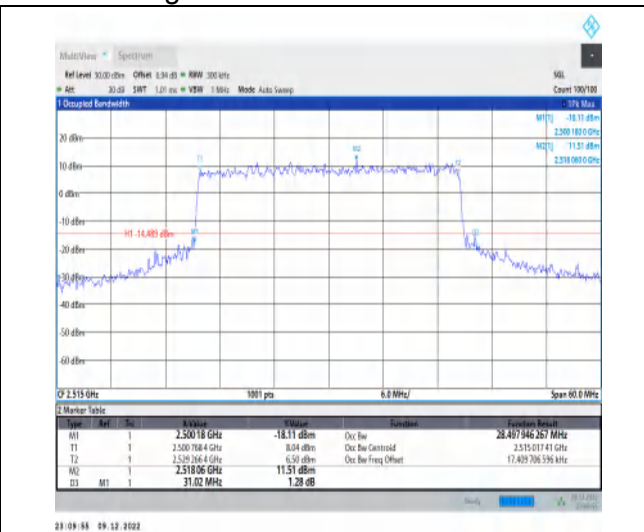


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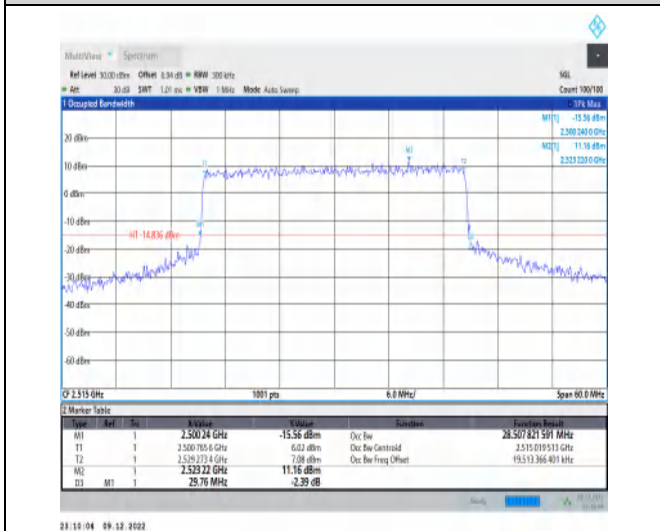




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1-N7-15-30-L-7-CP-16QAM-Outer_Full-160@0-Ant1
 -28.498-31.020-≤30-PASS

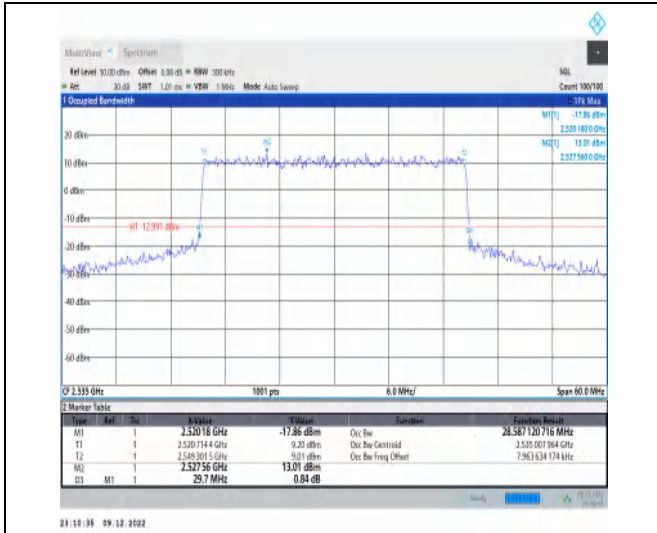


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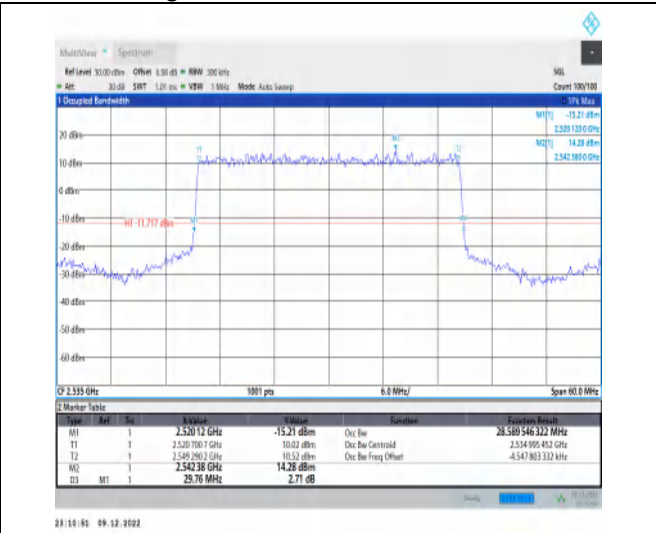


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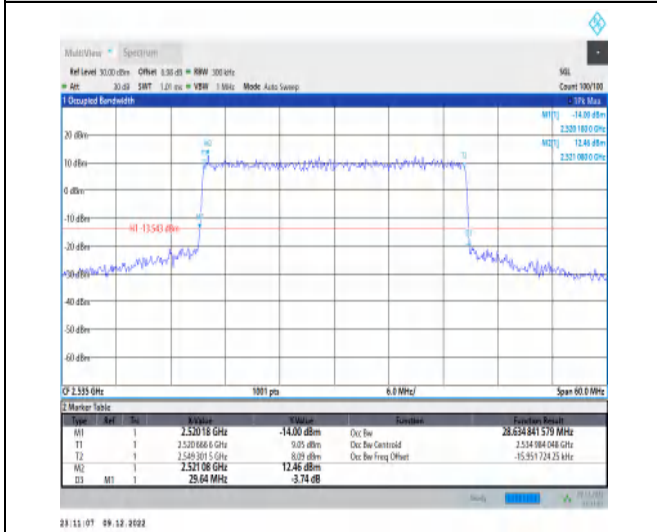




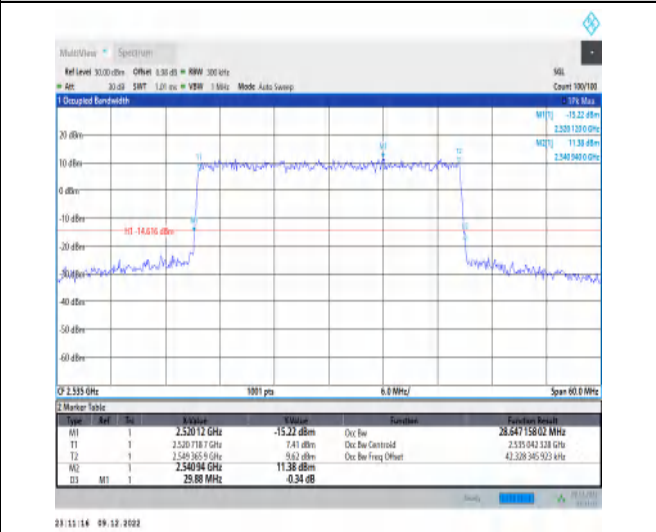
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 -28.587-29.700-≤30-PASS



1-N7-15-30-M-2-DFT-PI2BPSK-Outer_Full-160@0-Ant1
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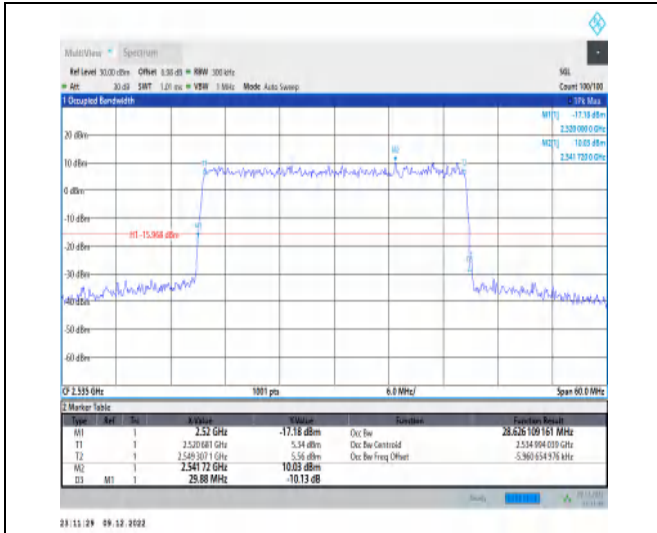


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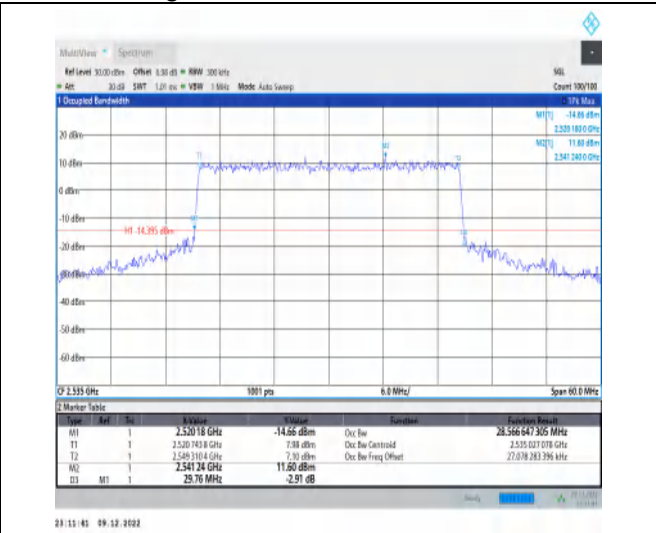


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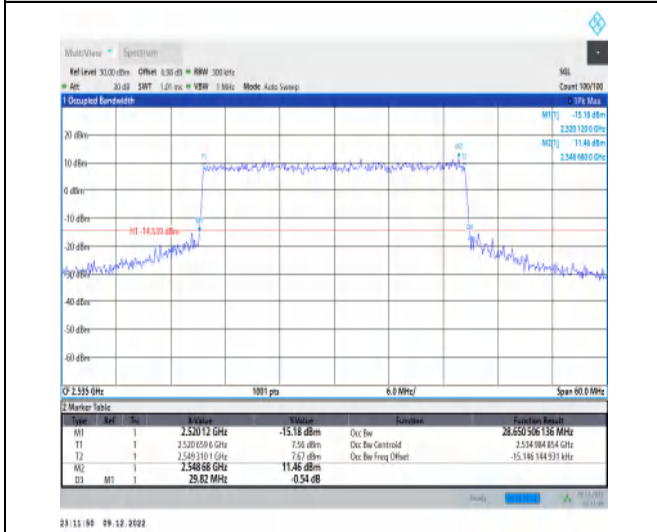




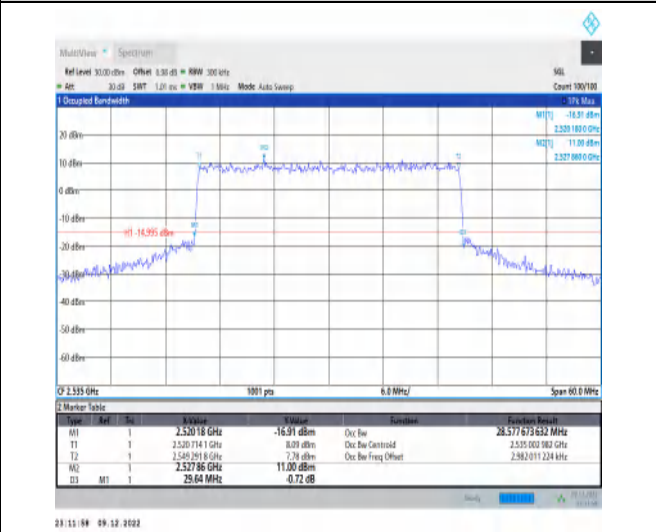
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1-N7-15-30-M-6-CP-QPSK-Outer_Full-160@0-Ant1-28.567-29.760-≤30-PASS



1-N7-15-30-M-7-CP-16QAM-Outer_Full-160@0-Ant1-28.651-29.820-≤30-PASS



1-N7-15-30-M-8-CP-64QAM-Outer_Full-160@0-Ant1-28.578-29.640-≤30-PASS

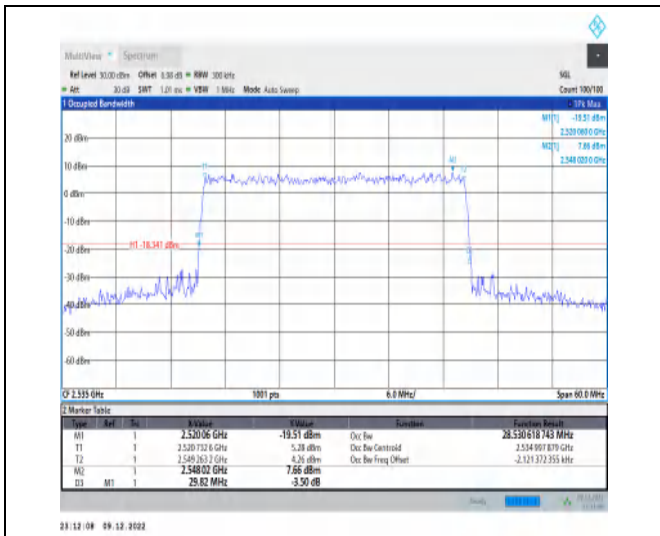


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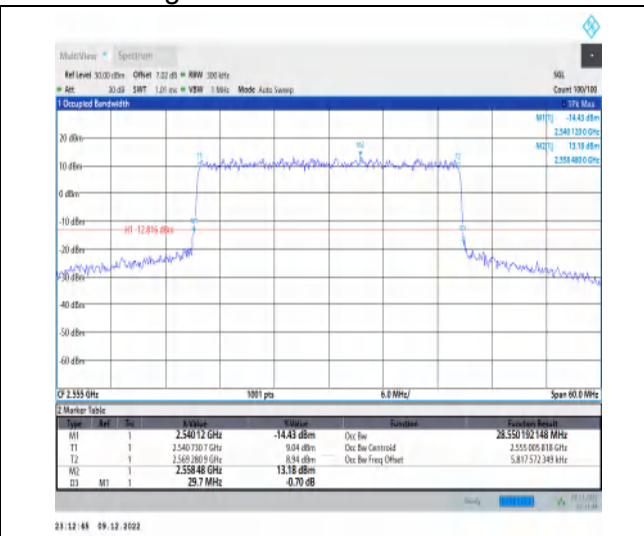
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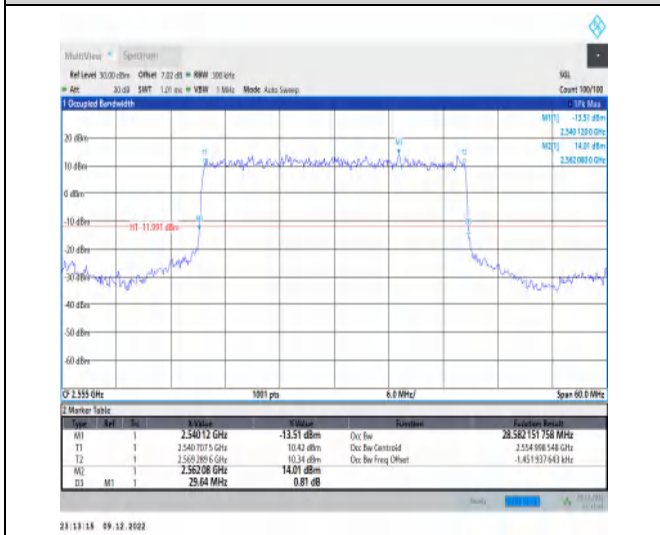
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 t (86-512) 62992980 sgs.china@sgs.com



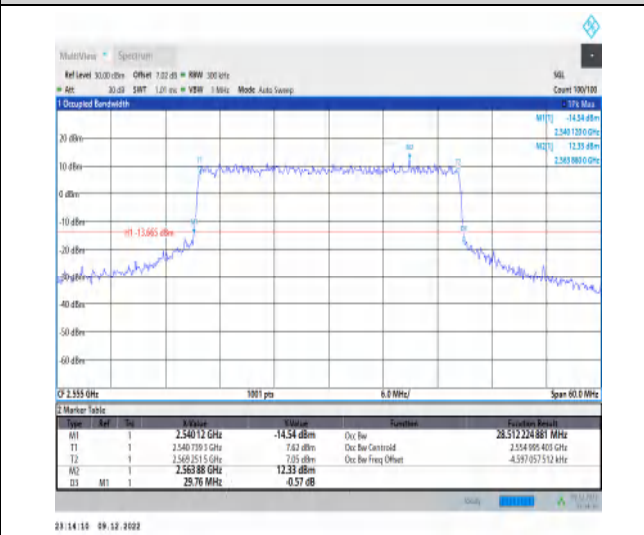
1-N7-15-30-M-9-CP-256QAM-Outer_Full-160@0-Ant
 1-28.531-29.820-≤30-PASS



1-N7-15-30-H-1-DFT-QPSK-Outer_Full-160@0-Ant1
 -28.55-29.700-≤30-PASS



1-N7-15-30-H-2-DFT-PI2BPSK-Outer_Full-160@0-A
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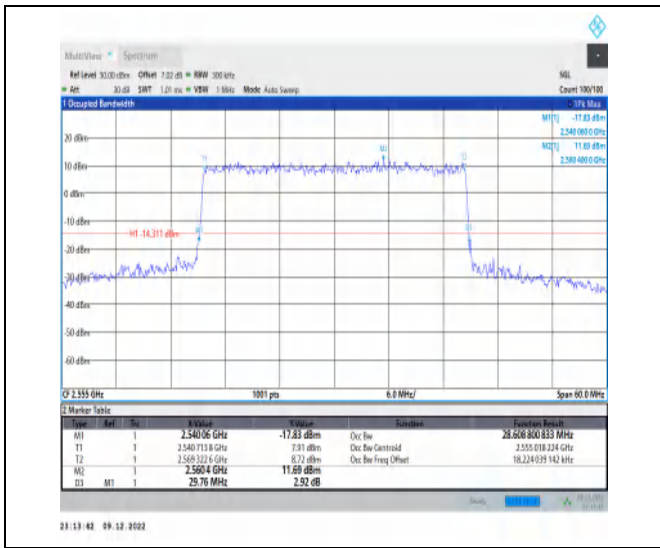
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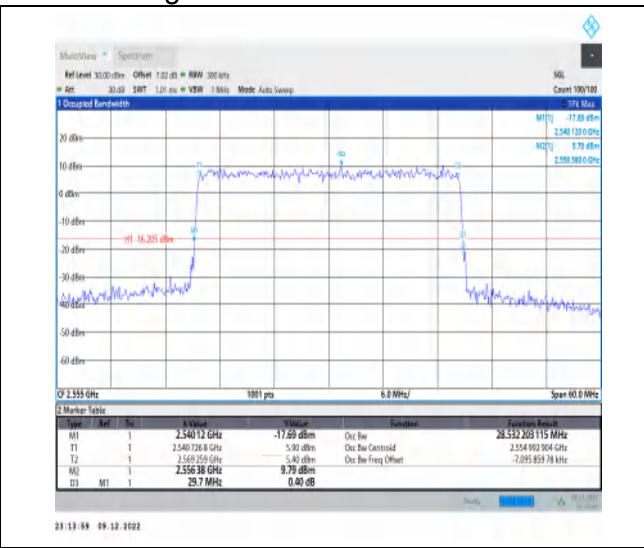
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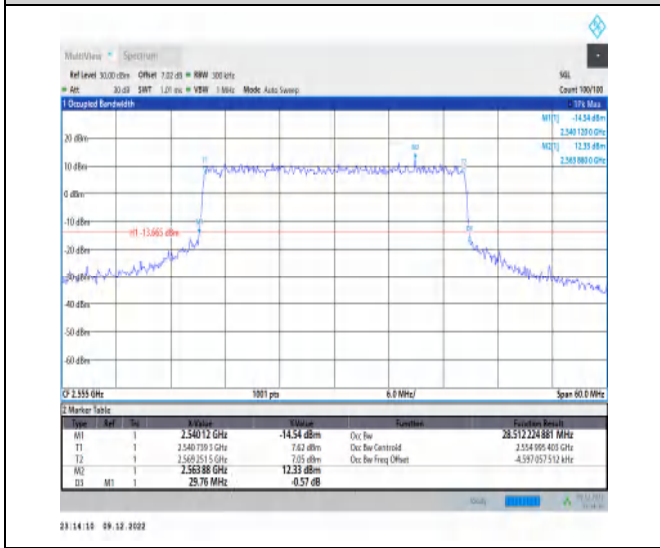
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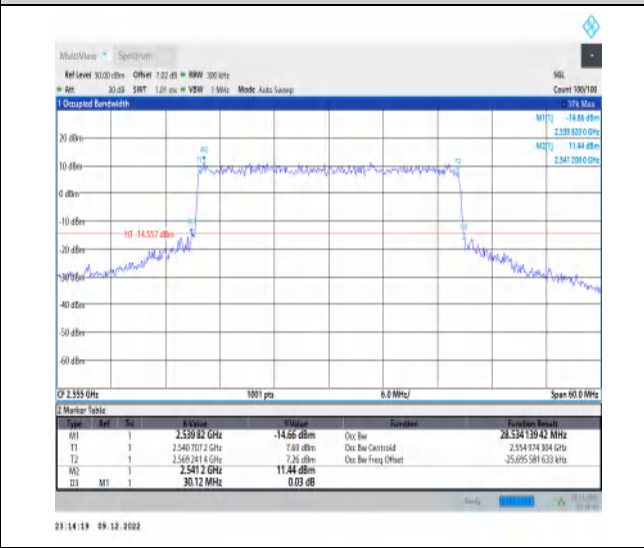
1-N7-15-30-H-4-DFT-64QAM-Outer_Full-160@0-Ant
 1-28.609-29.760-≤30-PASS



1-N7-15-30-H-5-DFT-256QAM-Outer_Full-160@0-A
 nt1-28.532-29.700-≤30-PASS



1-N7-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant1
 28.512-29.760-≤30-PASS

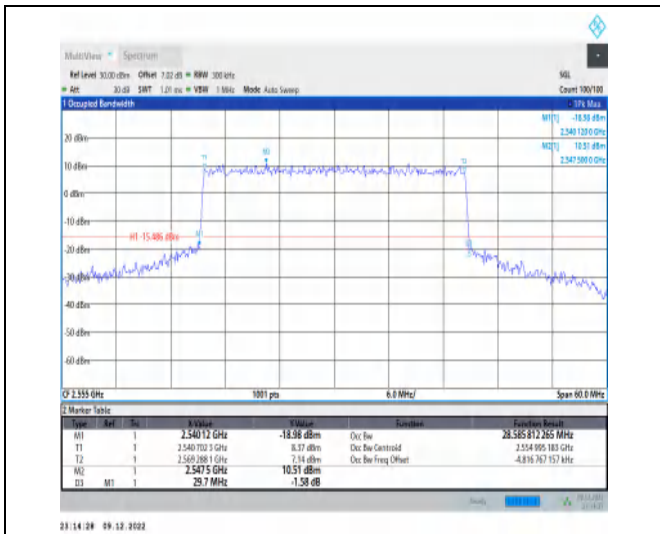


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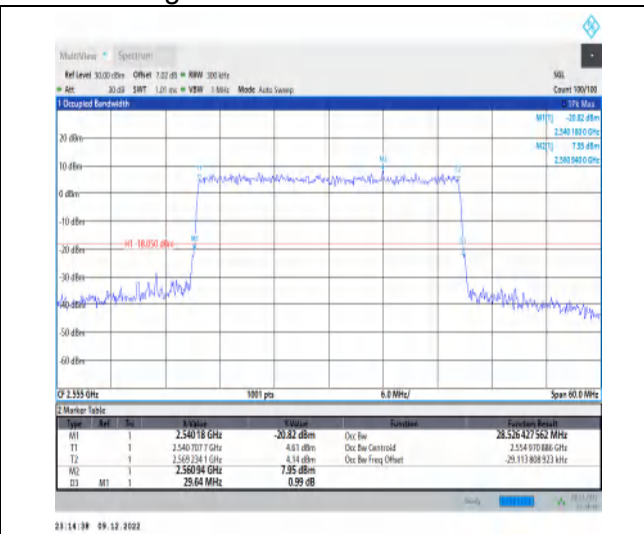


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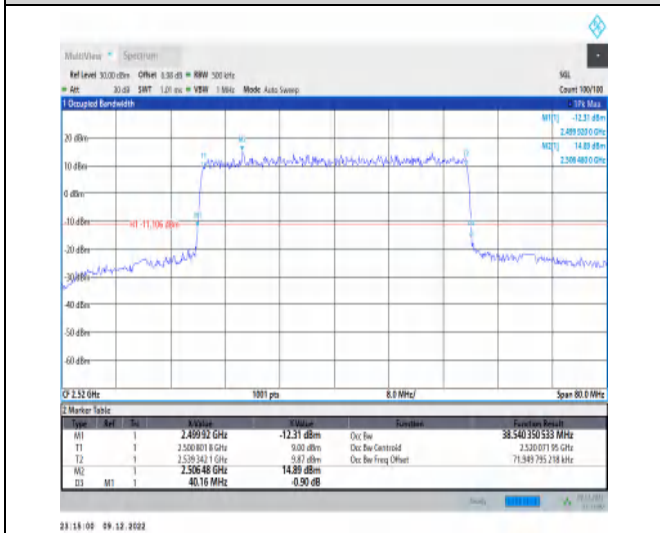
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1-N7-15-30-H-8-CP-64QAM-Outer_Full-160@0-Ant1
 -28.586-29.700-≤30-PASS



1-N7-15-30-H-9-CP-256QAM-Outer_Full-160@0-Ant1
 1-28.526-29.640-≤30-PASS

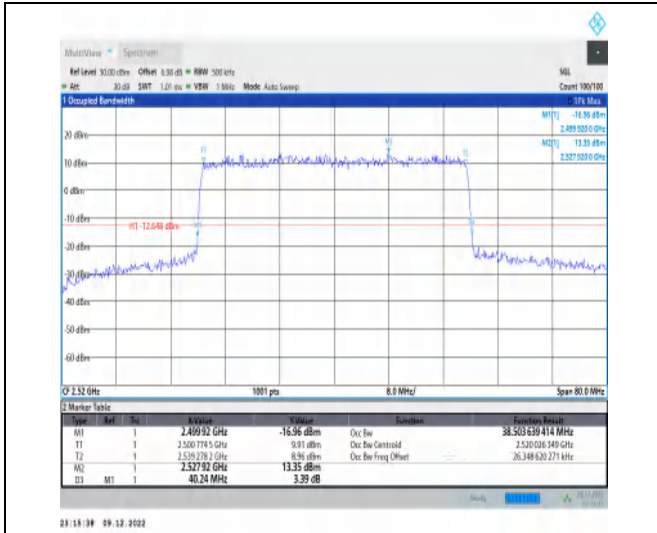


1-N7-15-40-L-1-DFT-QPSK-Outer_Full-216@0-Ant1-
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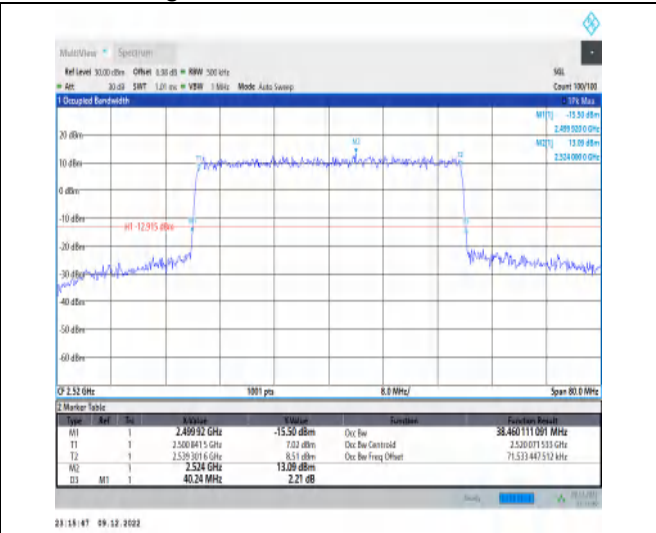


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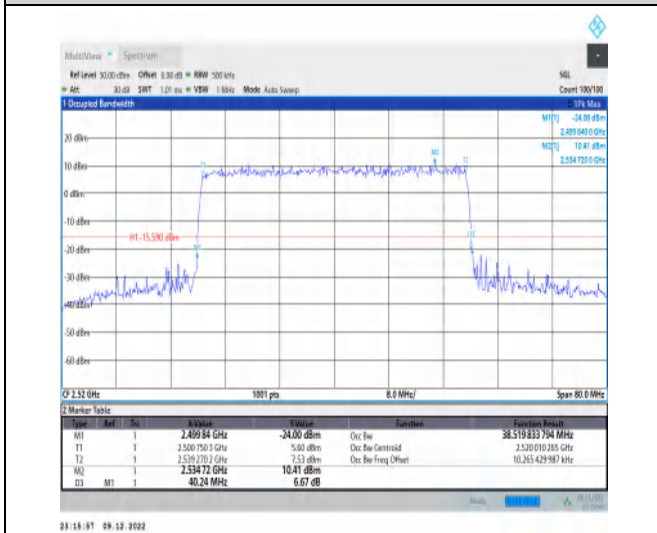




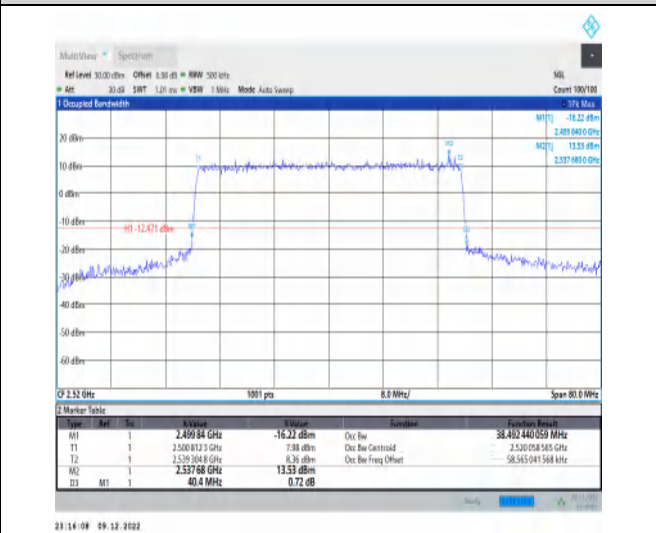
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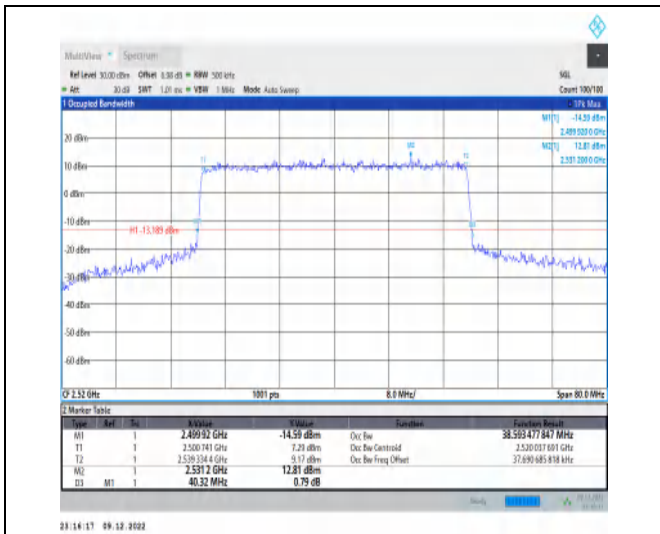


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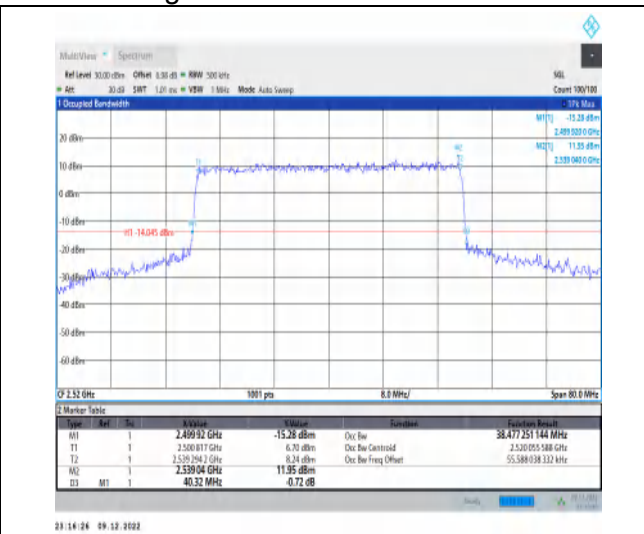


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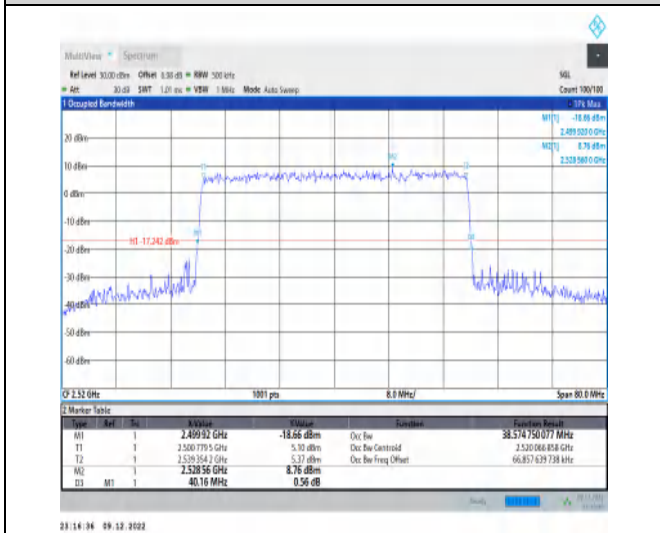




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1-N7-15-40-L-8-CP-64QAM-Outer_Full-216@0-Ant1
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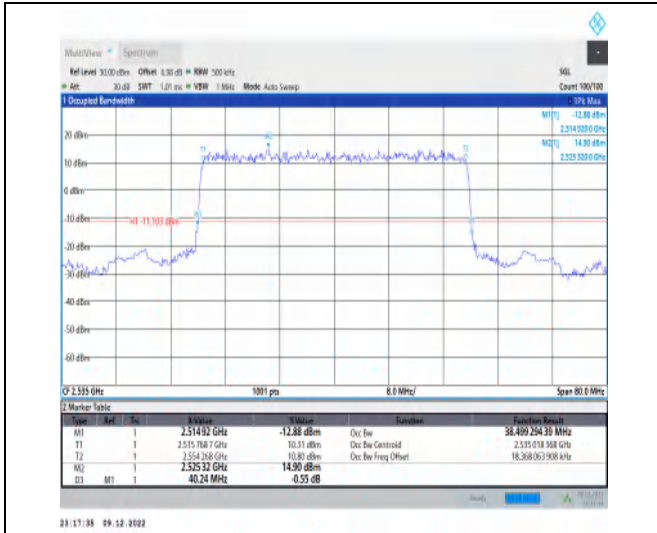


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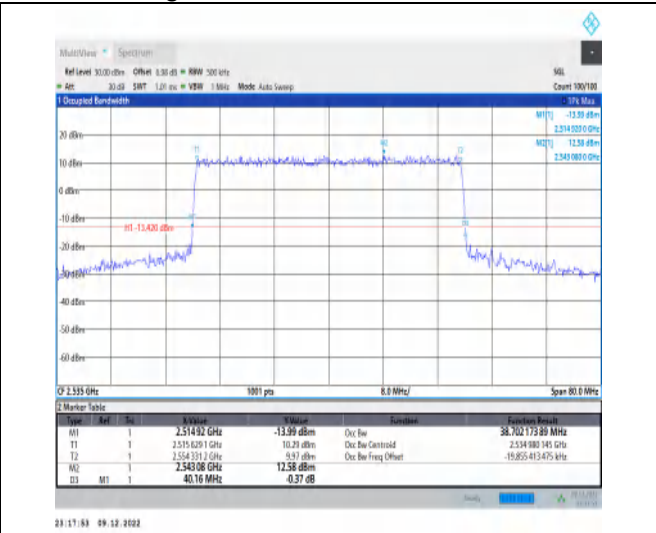


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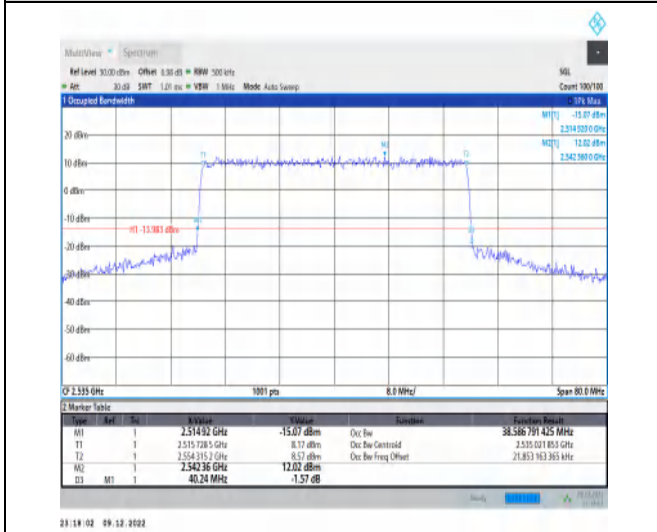




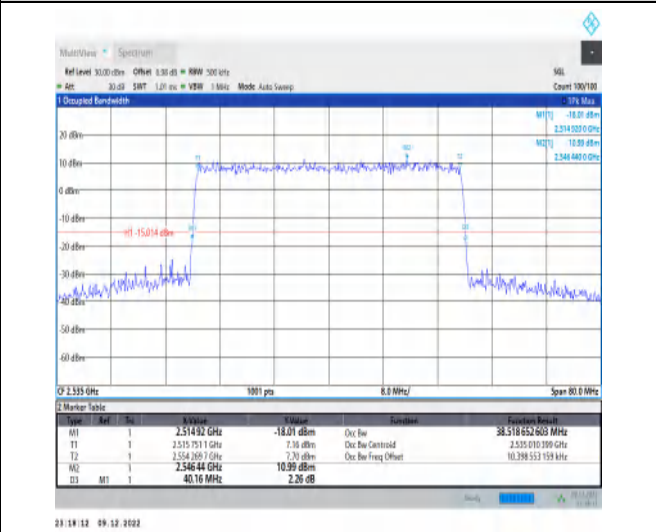
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 nt1-38.499-40.240-≤40-PASS



1-N7-15-40-M-3-DFT-16QAM-Outer_Full-216@0-Ant
 1-38.702-40.160-≤40-PASS



1-N7-15-40-M-4-DFT-64QAM-Outer_Full-216@0-Ant
 1-38.587-40.240-≤40-PASS

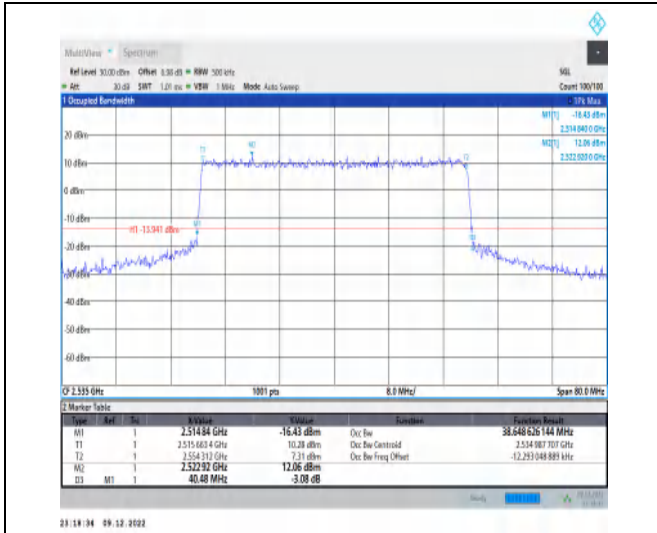


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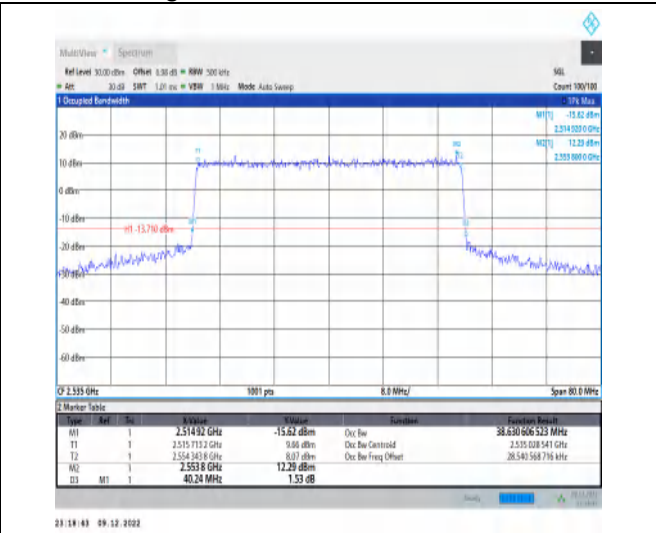


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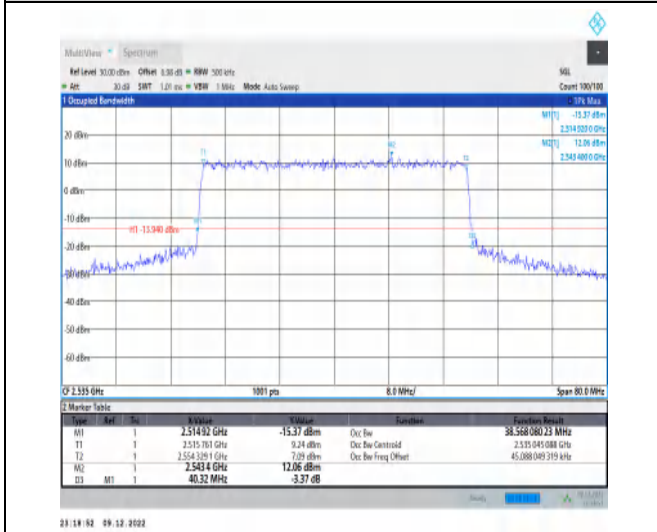
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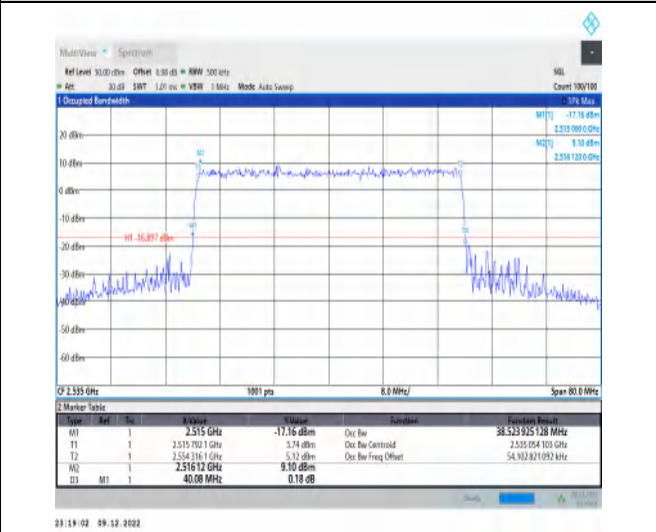
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1-N7-15-40-M-7-CP-16QAM-Outer_Full-216@0-Ant1-38.631-40.240-≤40-PASS

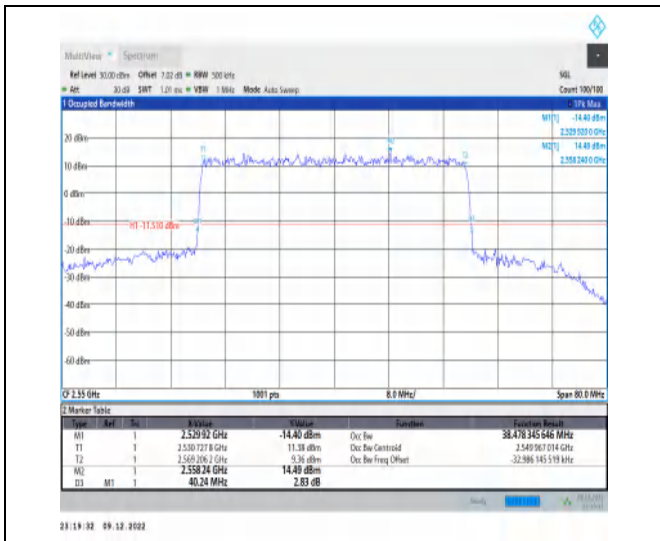


1-N7-15-40-M-8-CP-64QAM-Outer_Full-216@0-Ant1-38.568-40.320-≤40-PASS



1-N7-15-40-M-9-CP-256QAM-Outer_Full-216@0-Ant1-38.524-40.080-≤40-PASS

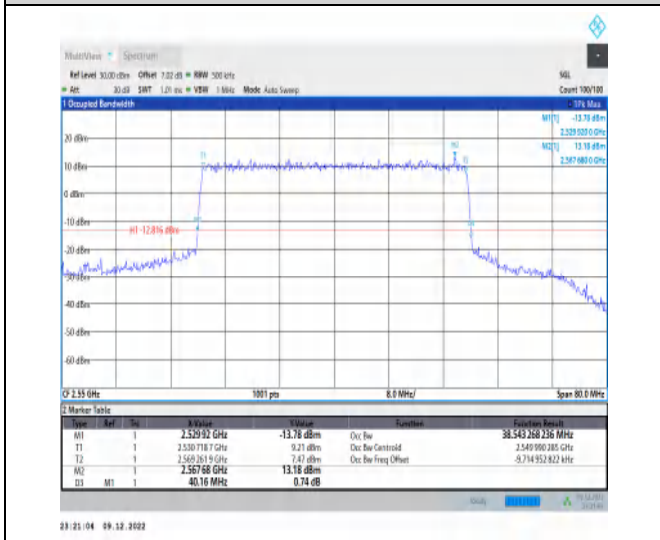




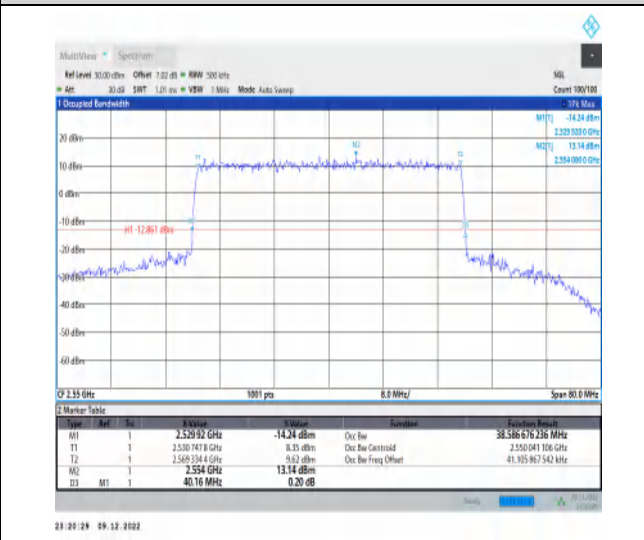
1-N7-15-40-H-1-DFT-QPSK-Outer_Full-216@0-Ant1
 -38.478-40.240-≤40-PASS



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 -38.464-40.320-≤40-PASS

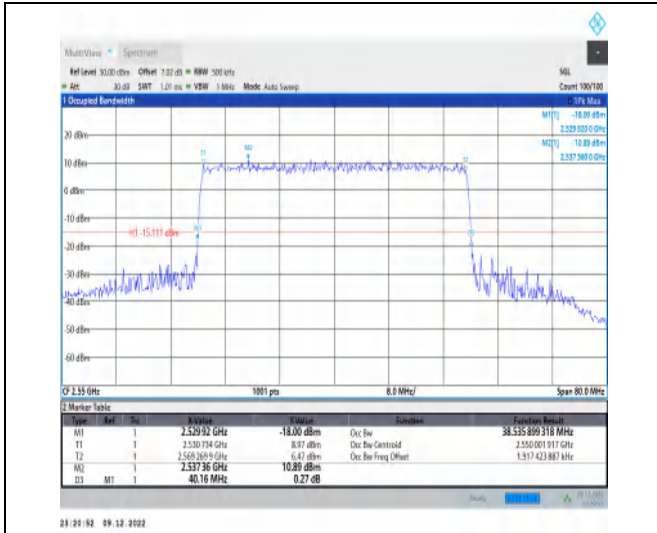


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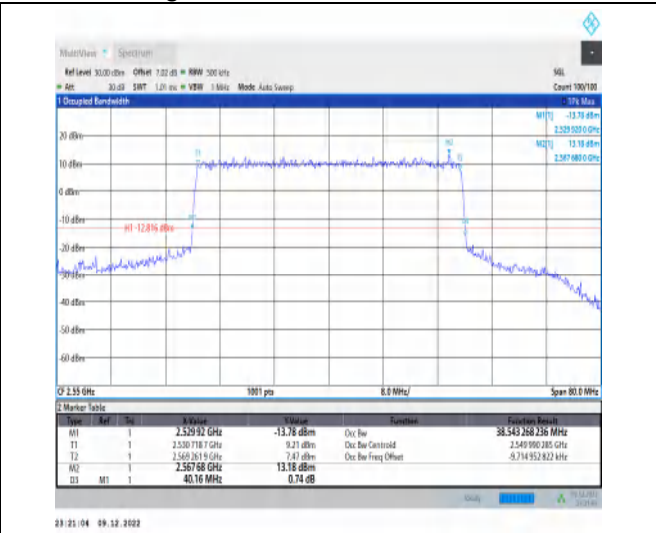


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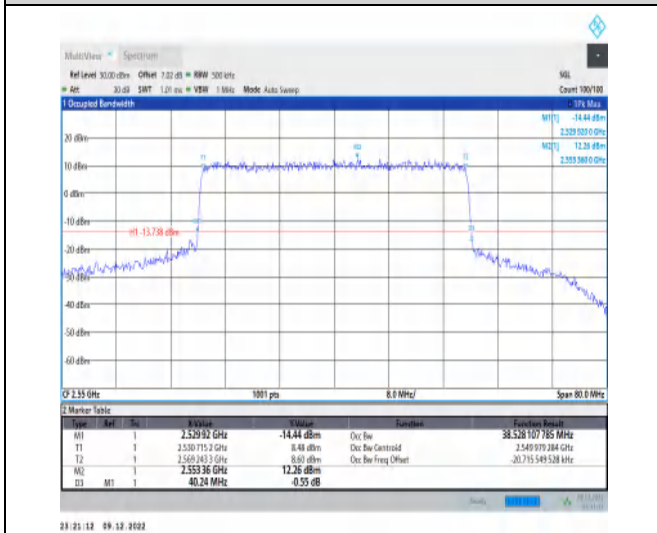




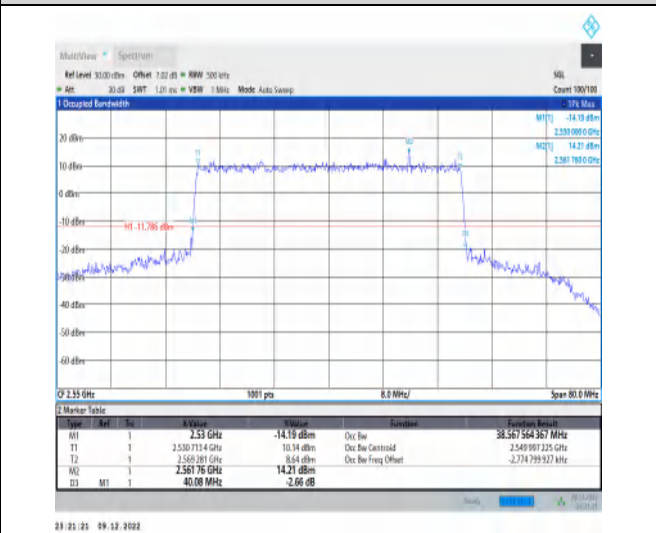
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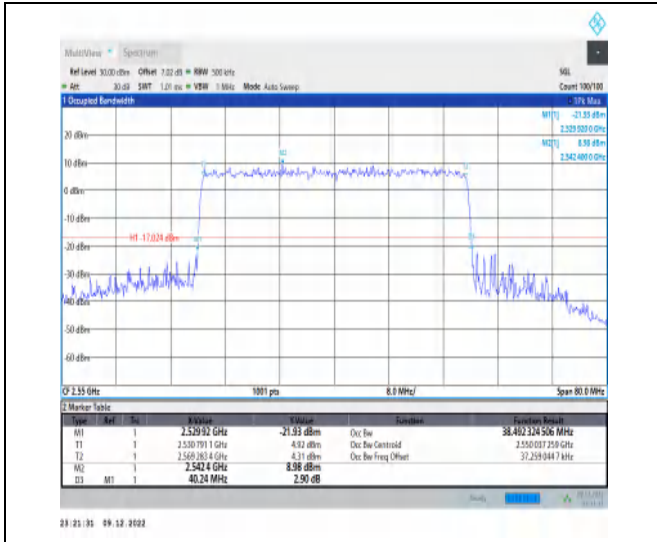


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1-N7-15-40-H-9-CP-256QAM-Outer_Full-216@0-Ant
1-38.492-40.240-≤40-PASS

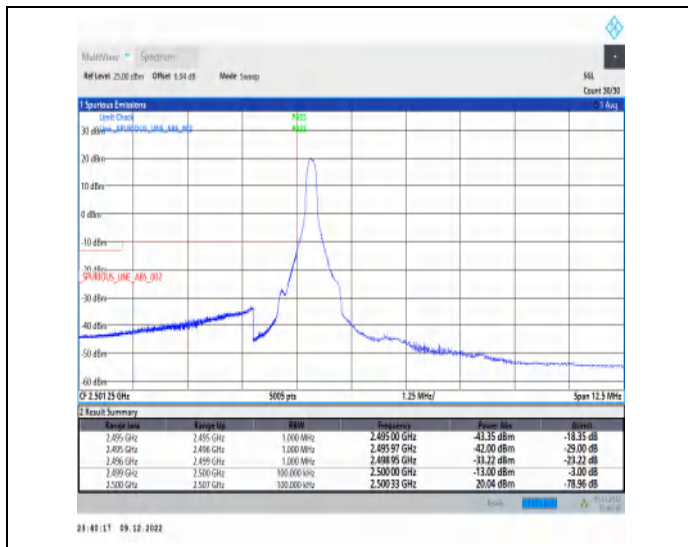


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Band Edge for SA

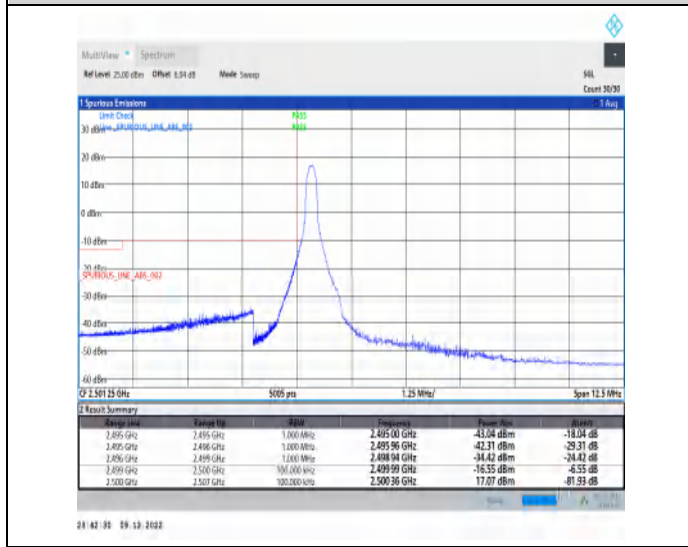
Test Graphs



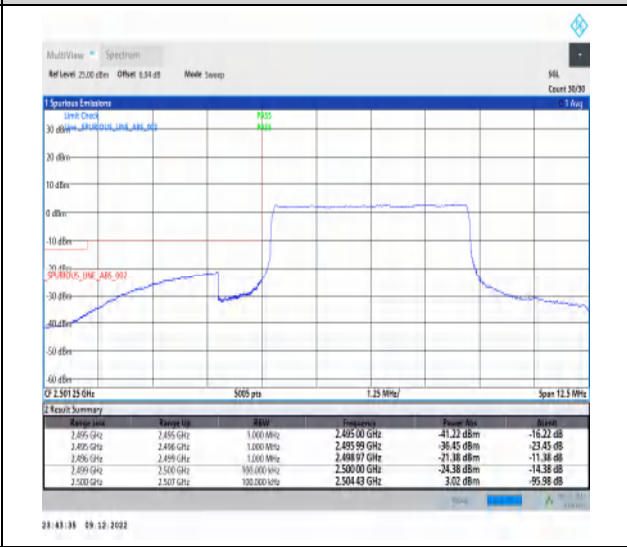
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1-N7-15-5-L-3-DFT-PI2BPSK-Outer_Full-25@0-A nt1-1--PASS-see graph

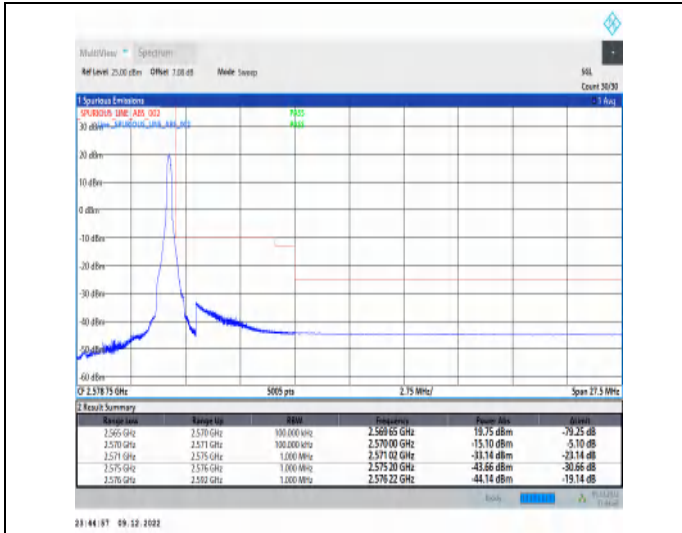


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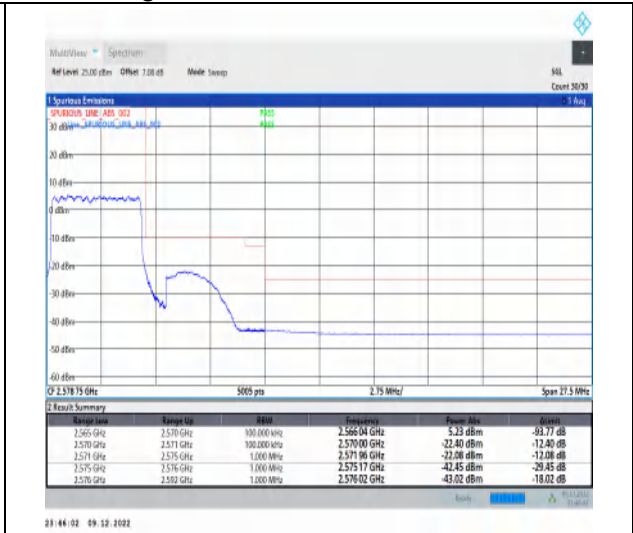


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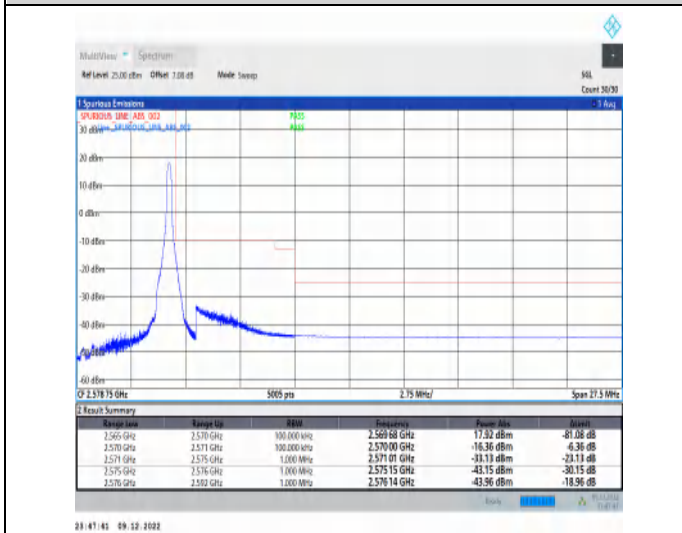




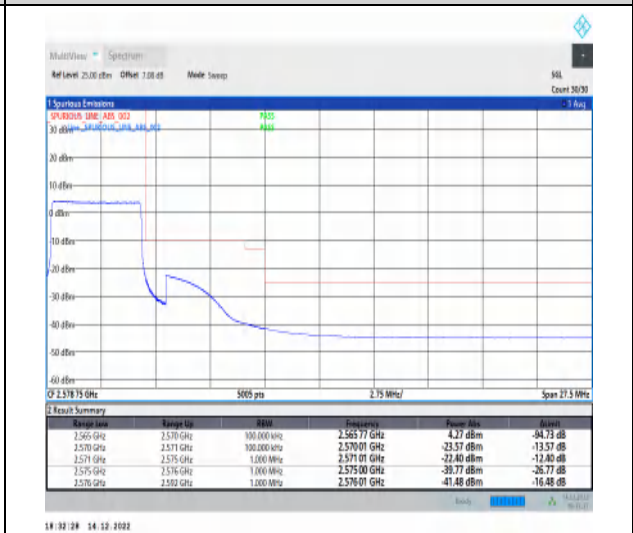
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1-N7-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



1-N7-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-1--PASS-see graph



1-N7-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-1--PASS-see graph

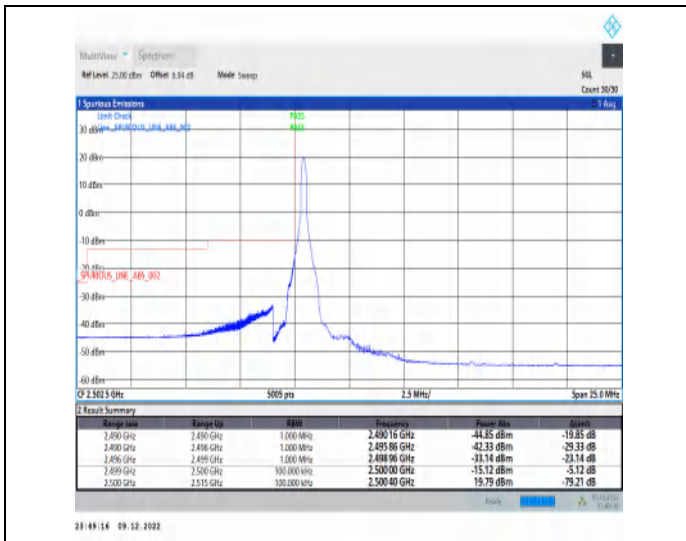


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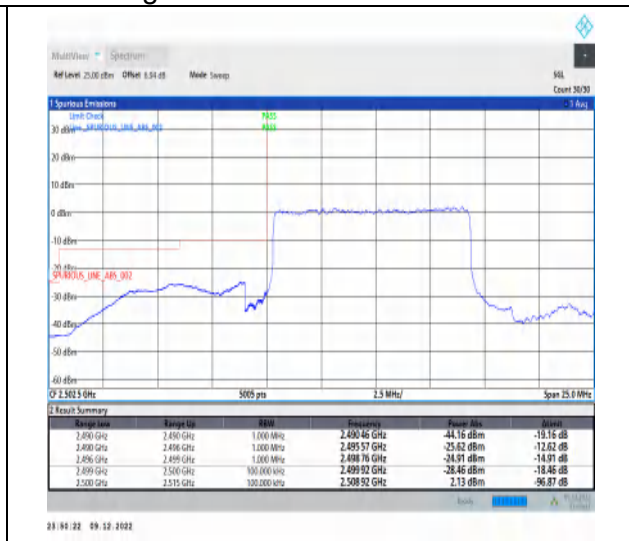
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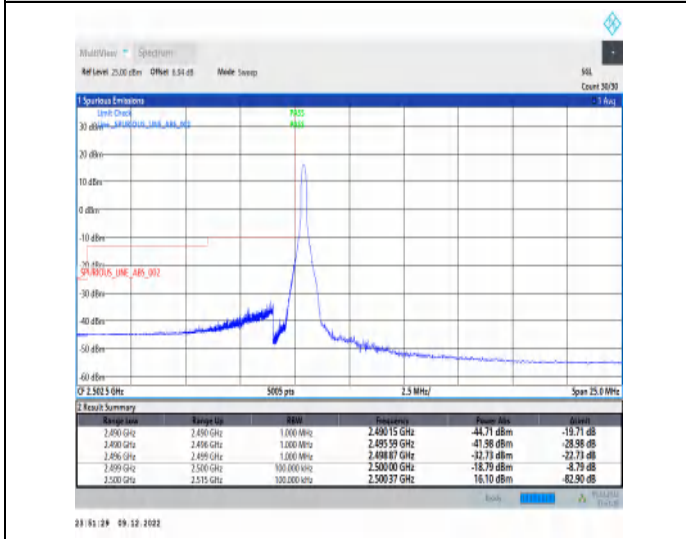
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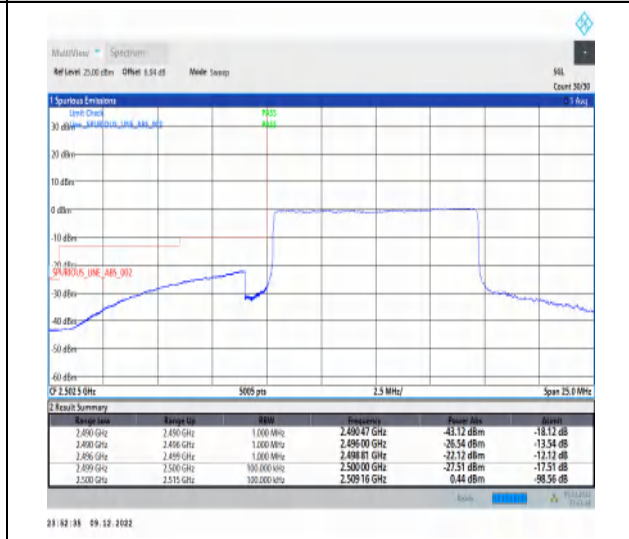
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1-N7-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N7-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



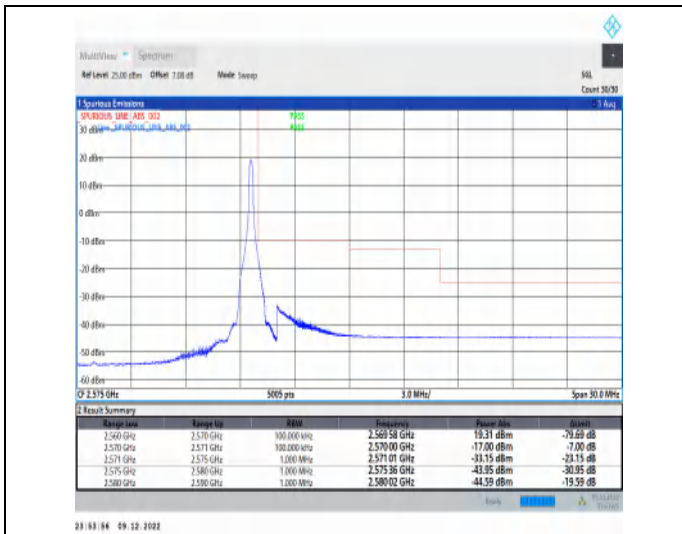
1-N7-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1--PASS-see graph



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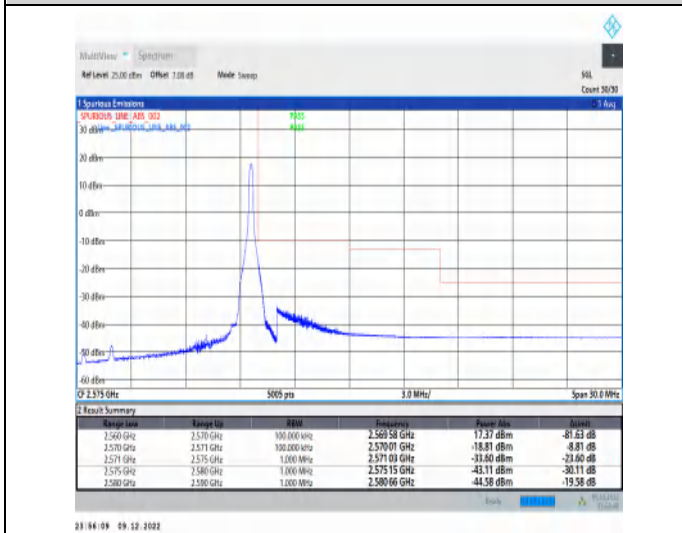
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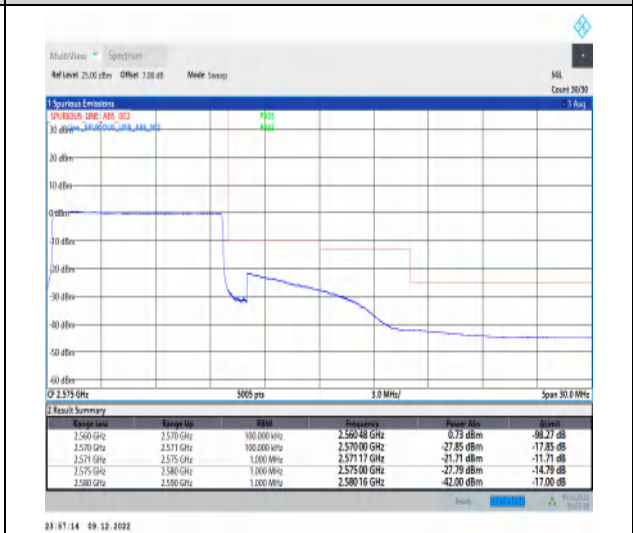
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1-N7-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-
Ant1-1--PASS-see graph



1-N7-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-An
t1-1--PASS-see graph



1-N7-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1
-1--PASS-see graph

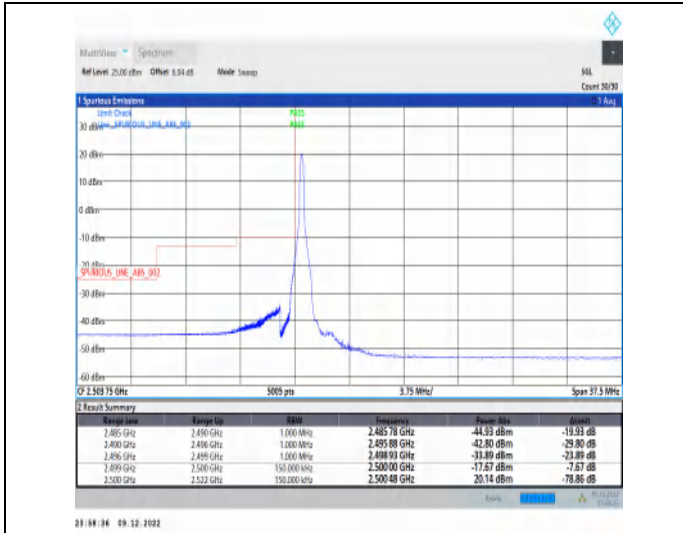


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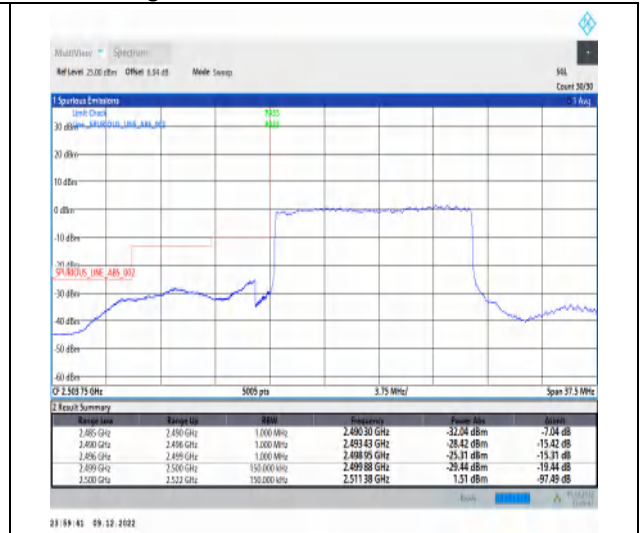
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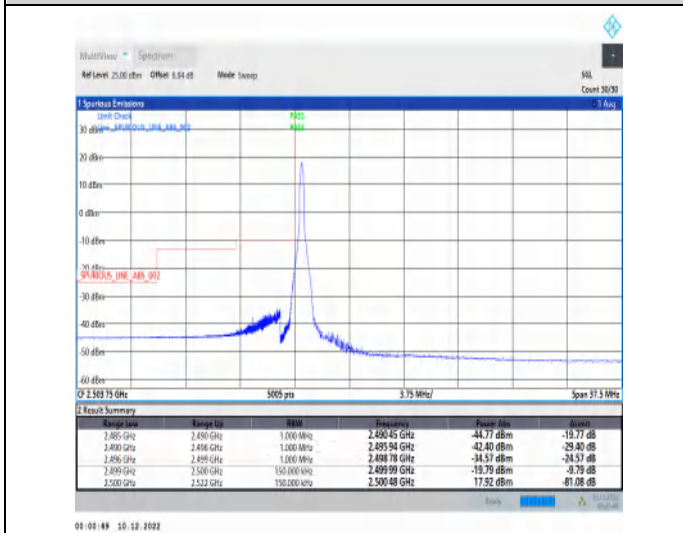
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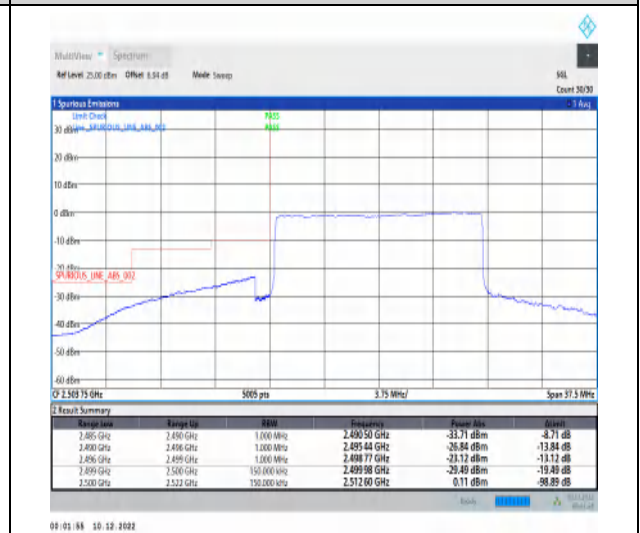
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1-N7-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph

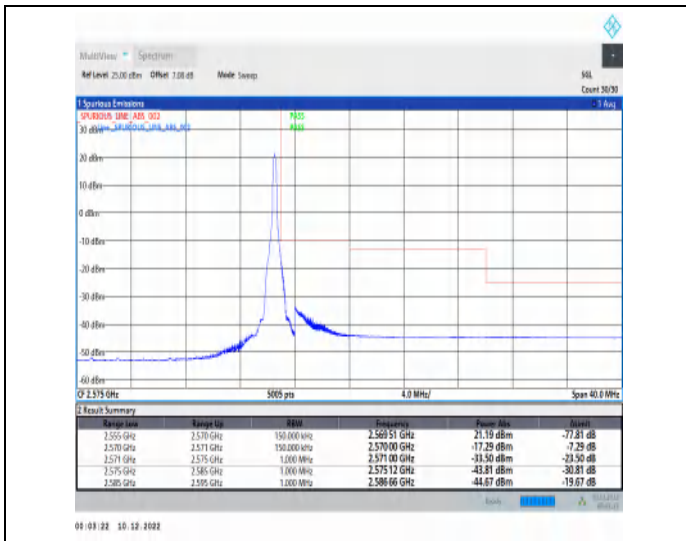


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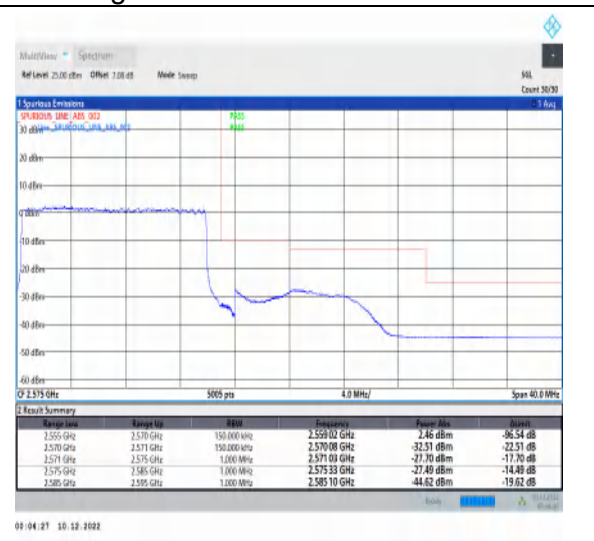


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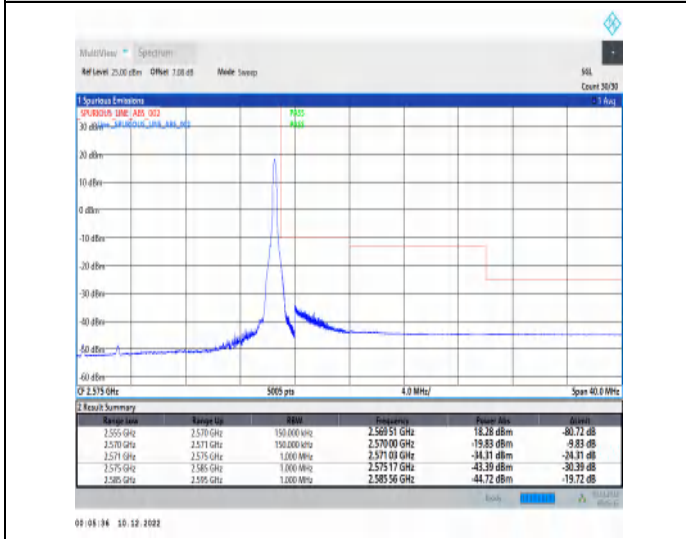




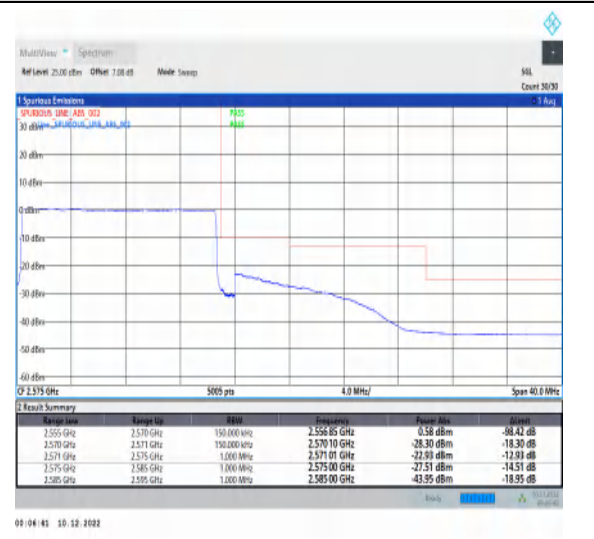
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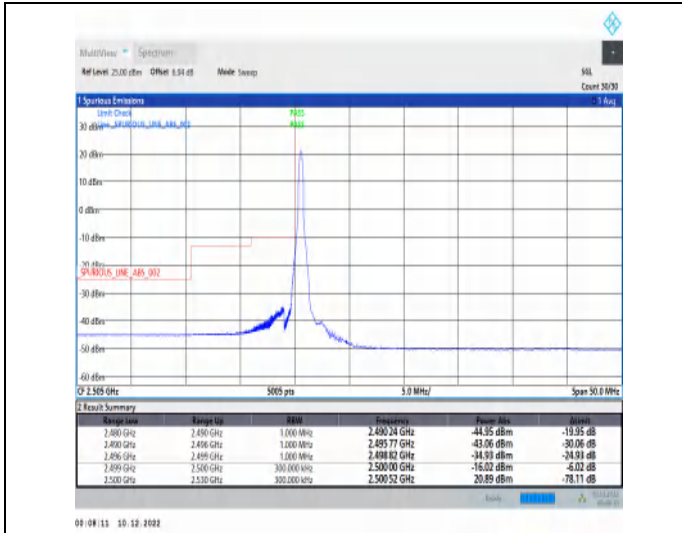


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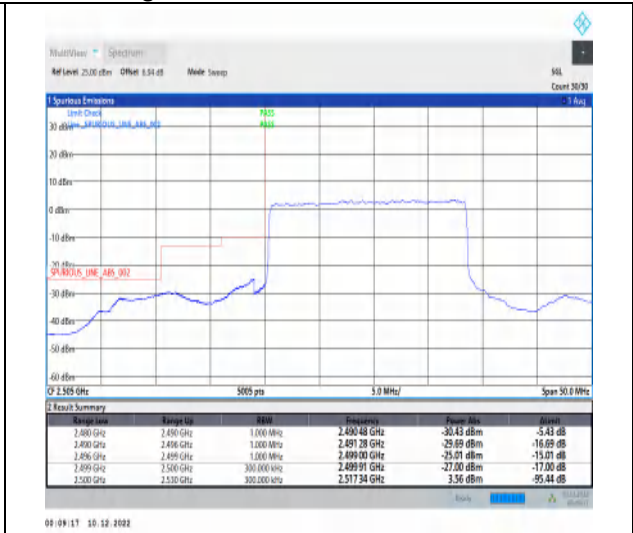


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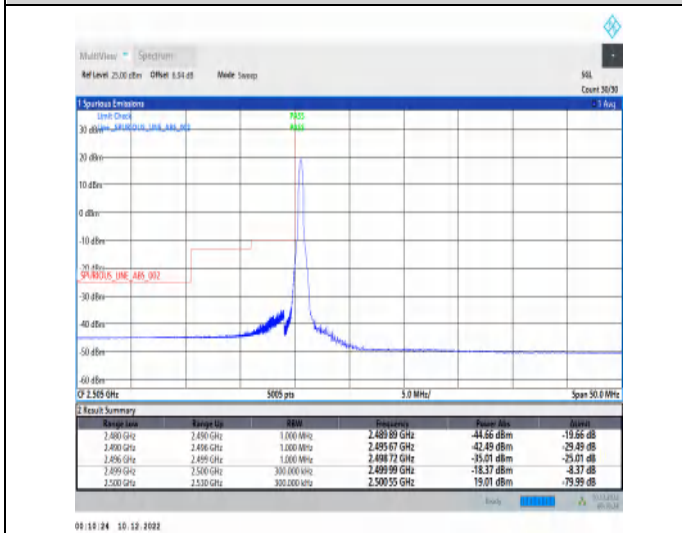




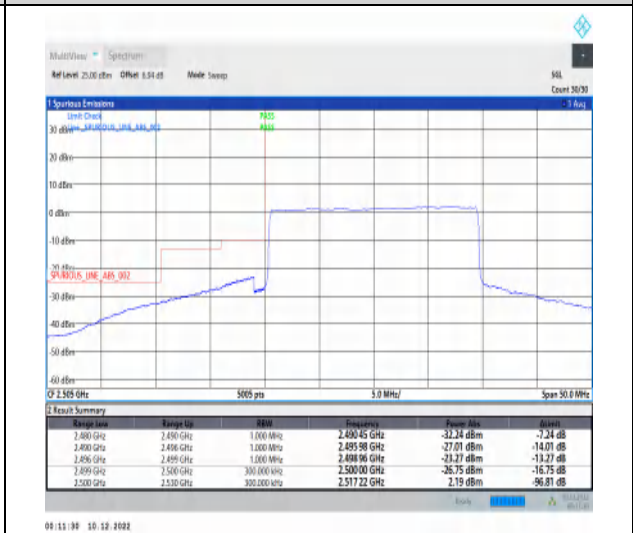
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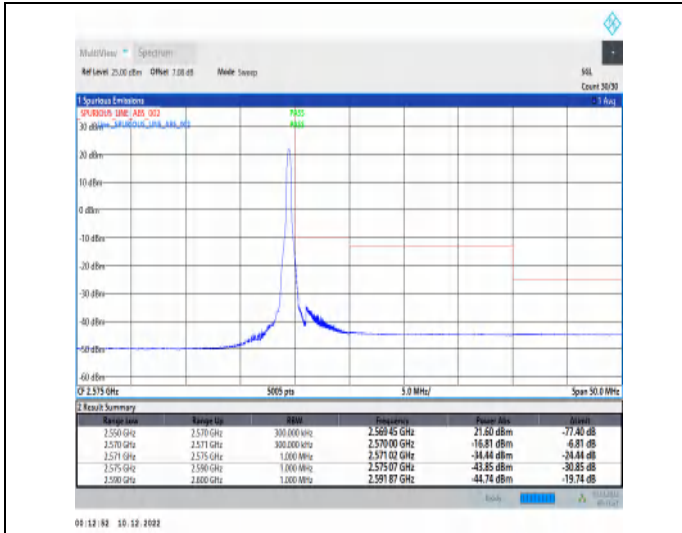


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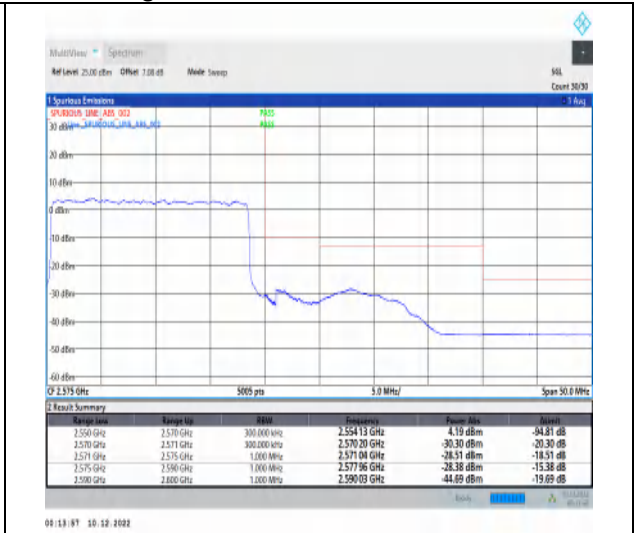


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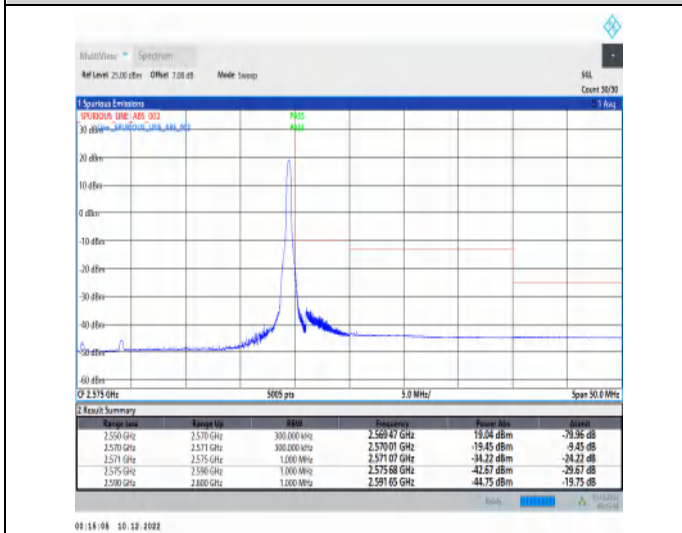




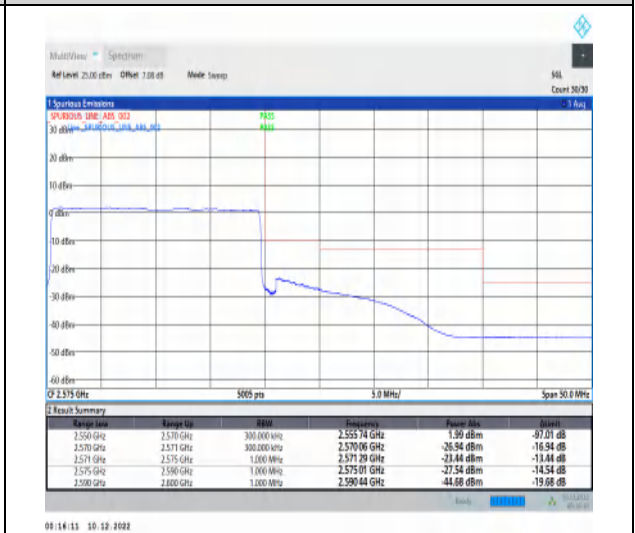
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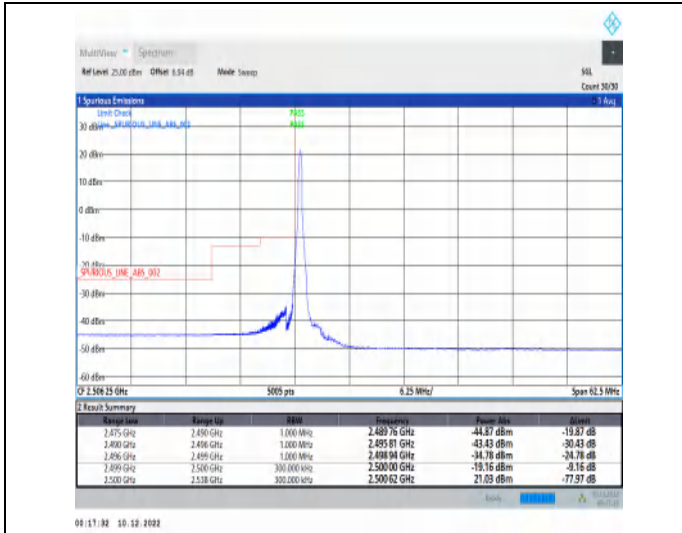


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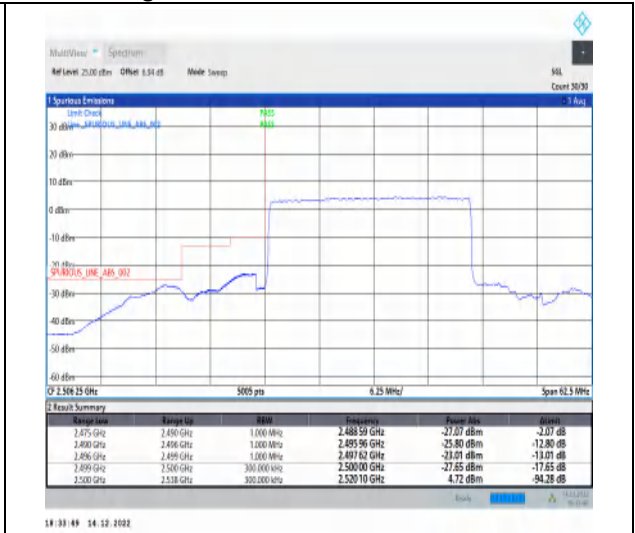


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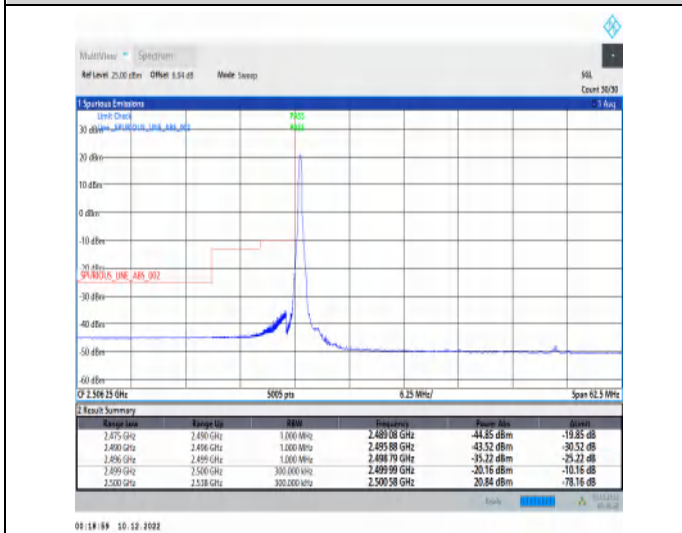




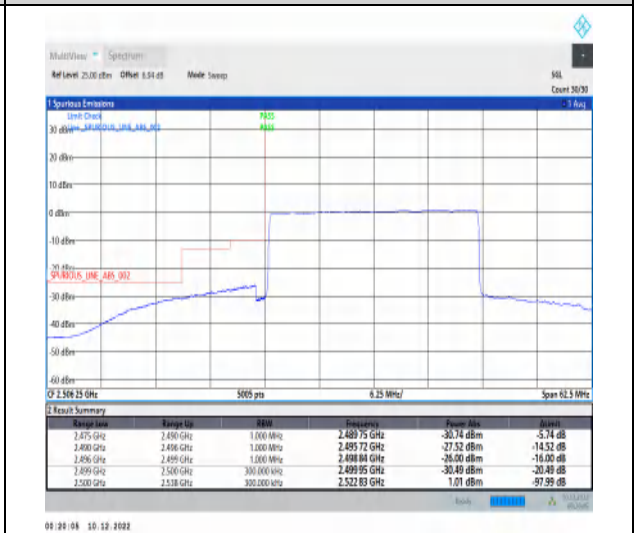
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1-N7-15-25-L-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1--PASS-see graph



1-N7-15-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



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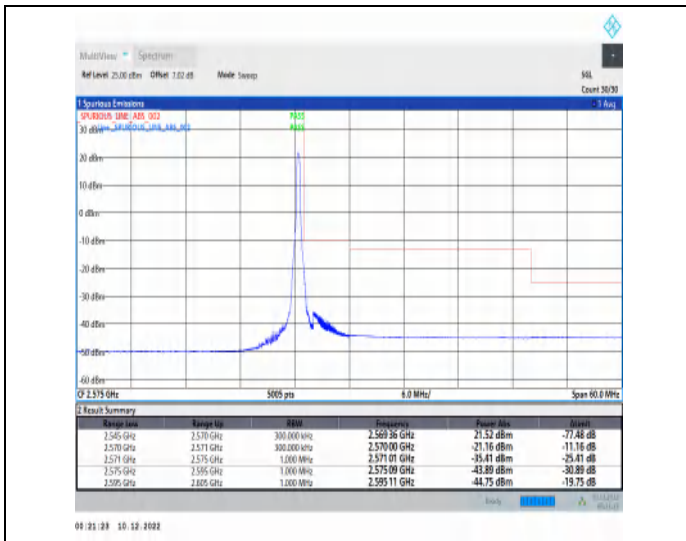


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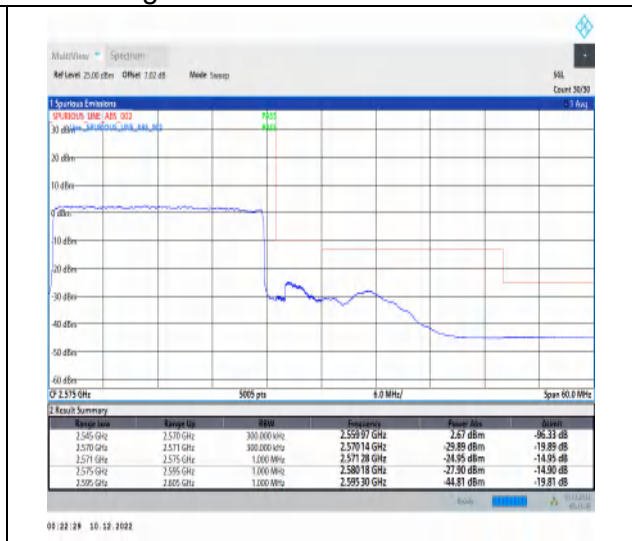
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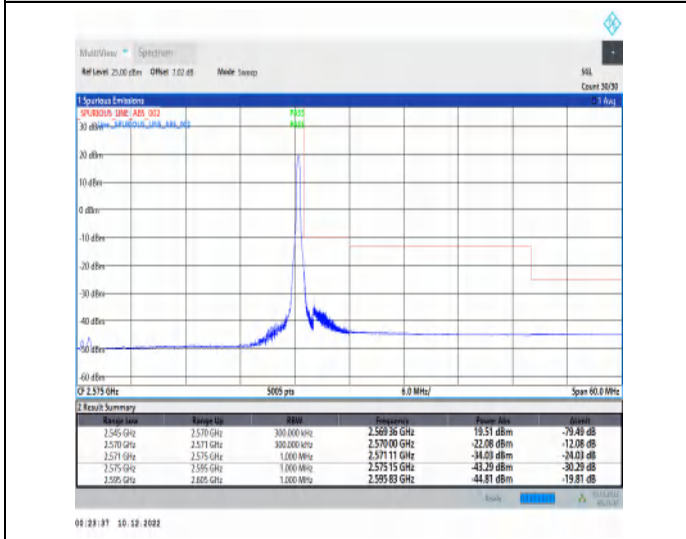
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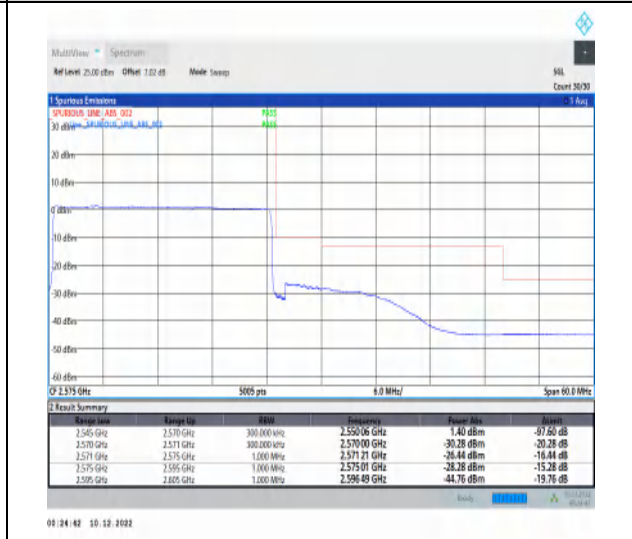
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 32-Ant1-1--PASS-see graph



1-N7-15-25-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1--PASS-see graph

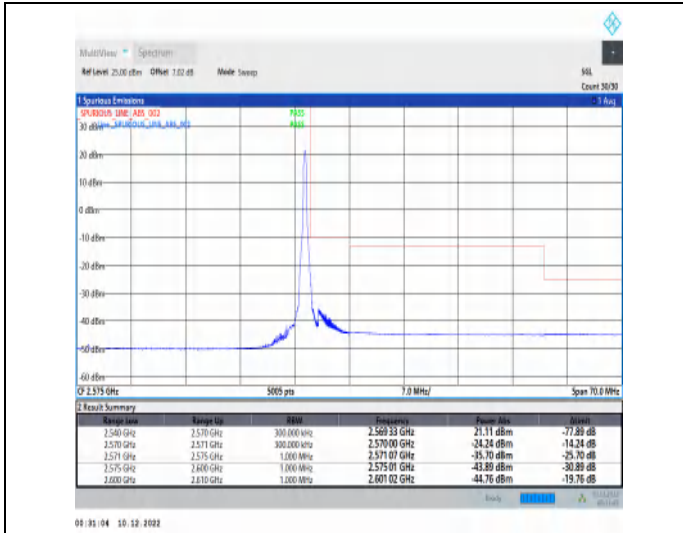


1-N7-15-25-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant1-1--PASS-see graph

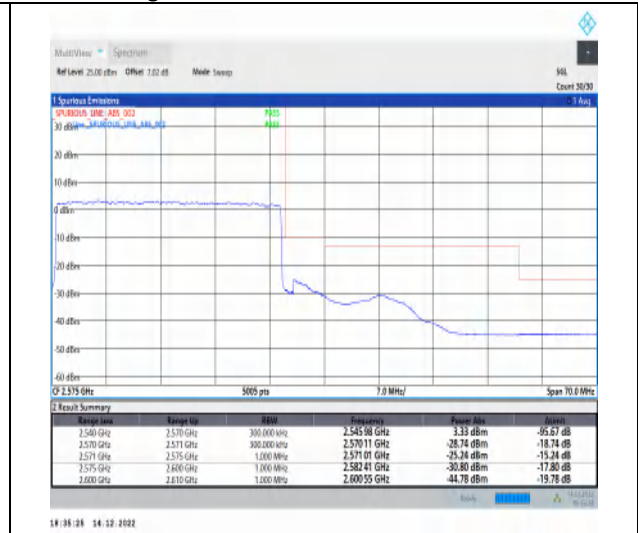


1-N7-15-25-H-6-CP-QPSK-Outer_Full-133@0-Ant1-1--PASS-see graph

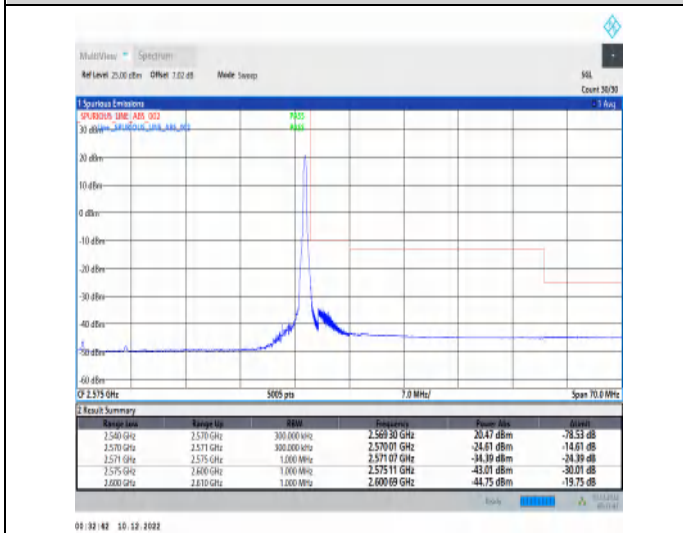




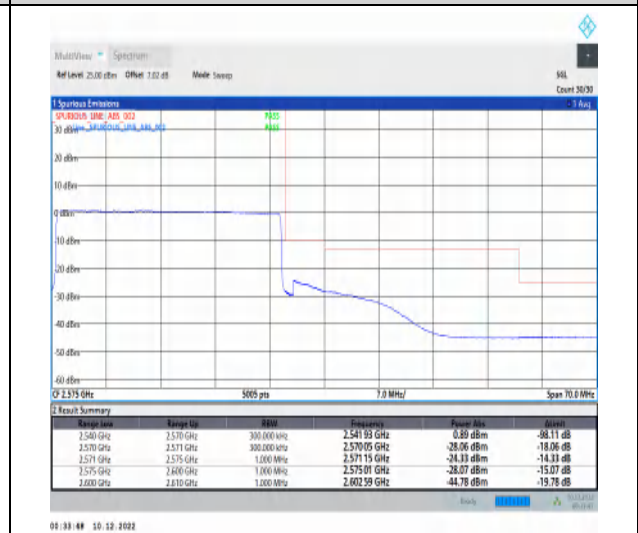
1-N7-15-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@159-Ant1-1--PASS-see graph



1-N7-15-30-H-3-DFT-PI2BPSK-Outer_Full-160@0-Ant1-1--PASS-see graph



1-N7-15-30-H-5-CP-QPSK-Edge_1RB_Right-1@159-Ant1-1--PASS-see graph



1-N7-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant1-1--PASS-see graph

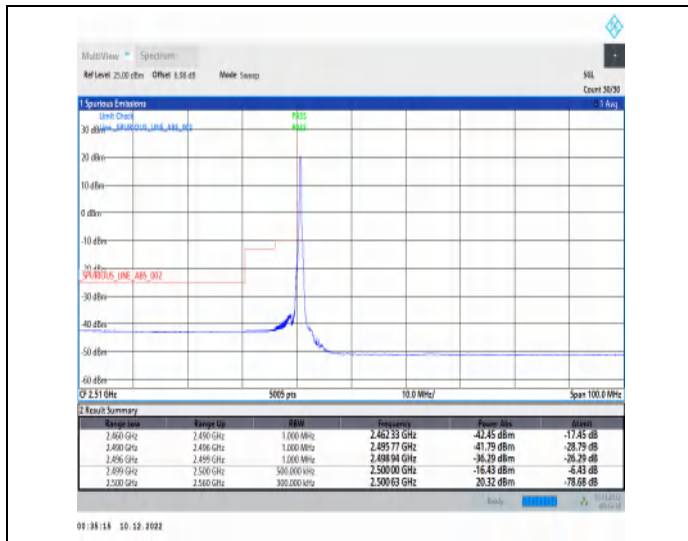


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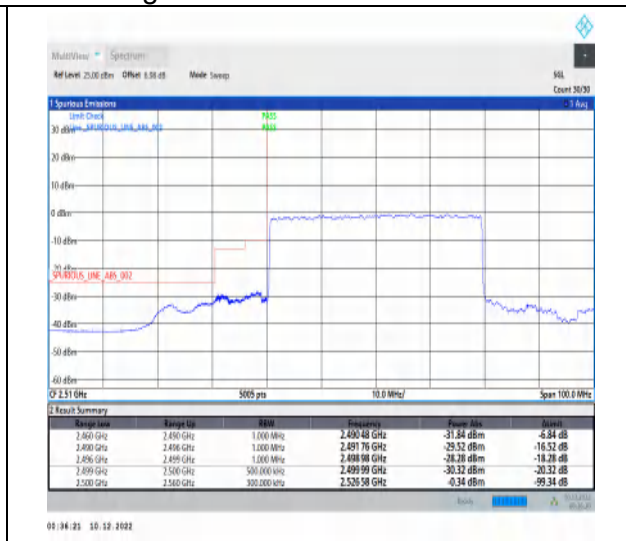
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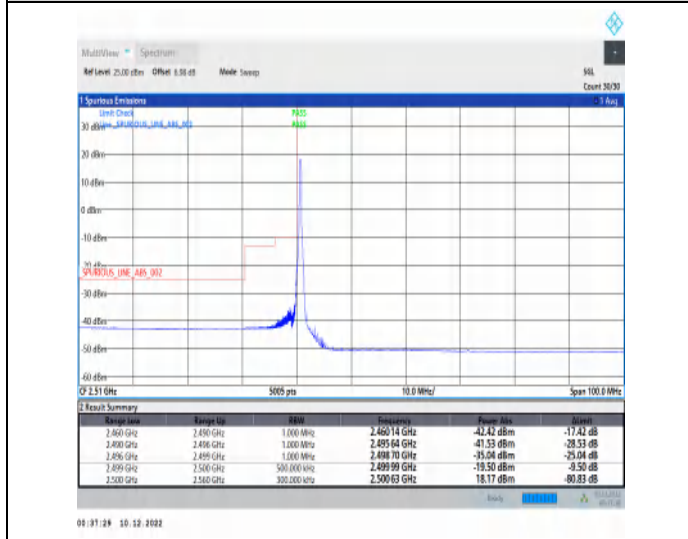
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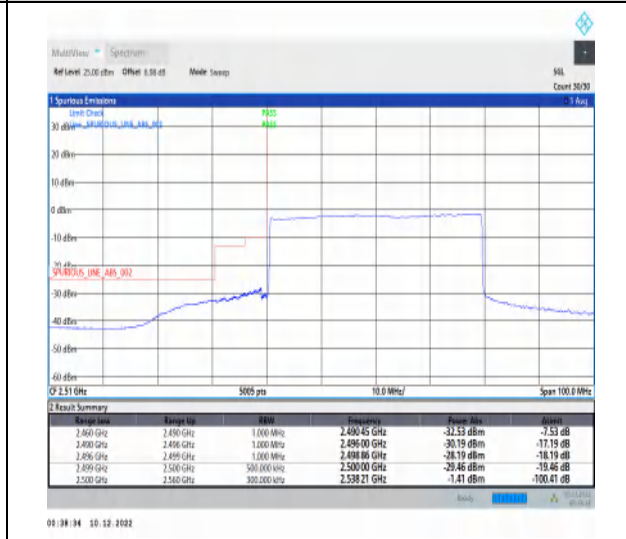
1-N7-15-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-A
 nt1-1--PASS-see graph



1-N7-15-40-L-3-DFT-PI2BPSK-Outer_Full-216@0
 -Ant1-1--PASS-see graph

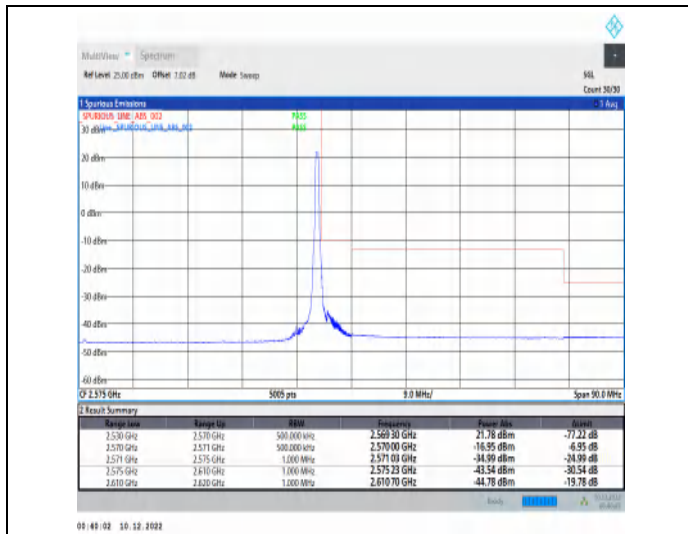


1-N7-15-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

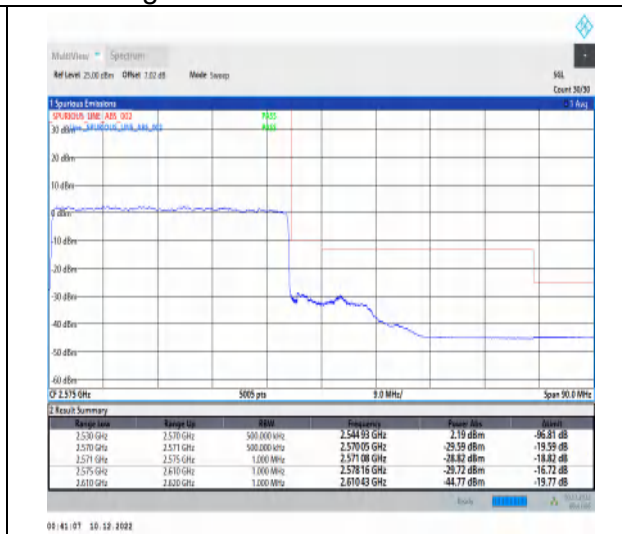


1-N7-15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant1-1--PASS-see graph

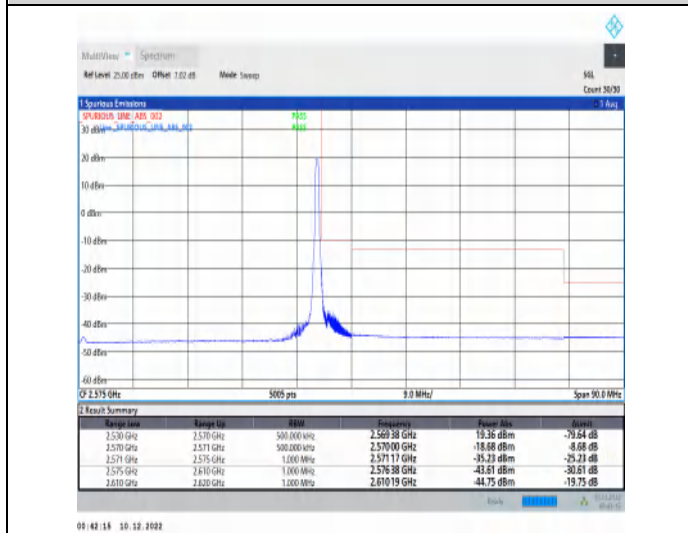




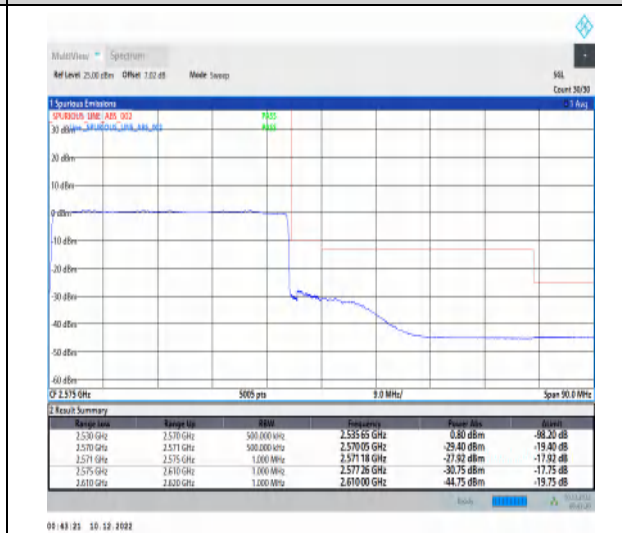
1-N7-15-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@2
 15-Ant1-1--PASS-see graph



1-N7-15-40-H-3-DFT-PI2BPSK-Outer_Full-216@0
 -Ant1-1--PASS-see graph



1-N7-15-40-H-5-CP-QPSK-Edge_1RB_Right-1@215-A
 nt1-1--PASS-see graph

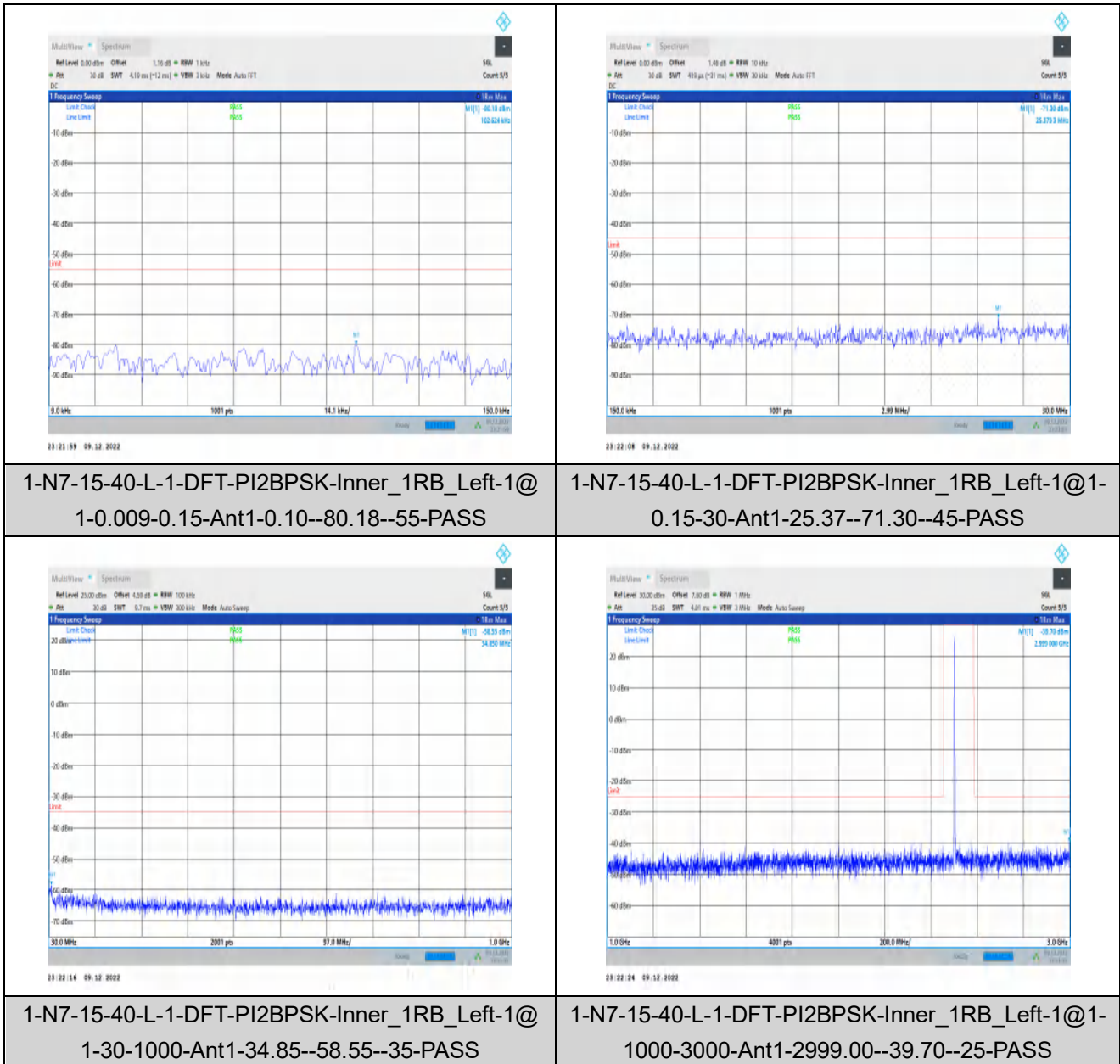


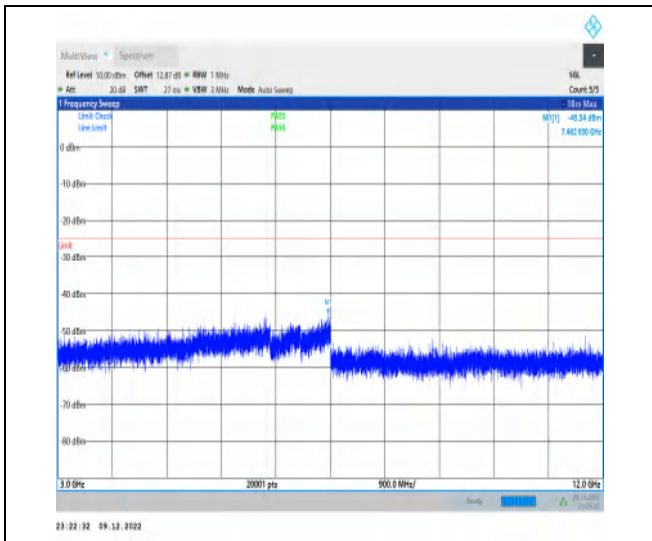
1-N7-15-40-H-6-CP-QPSK-Outer_Full-216@0-Ant
 1-1--PASS-see graph



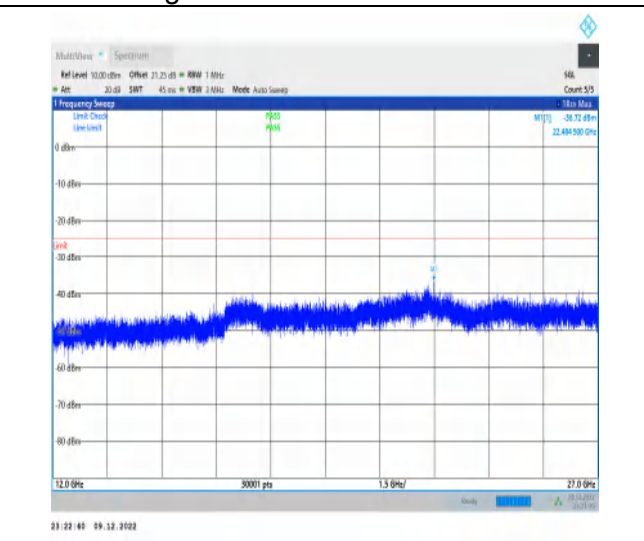
Conducted Spurious Emission for SA

Test Graphs

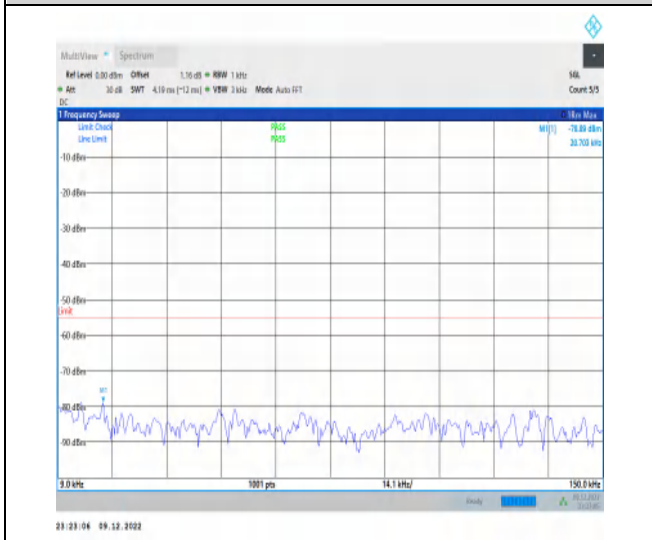




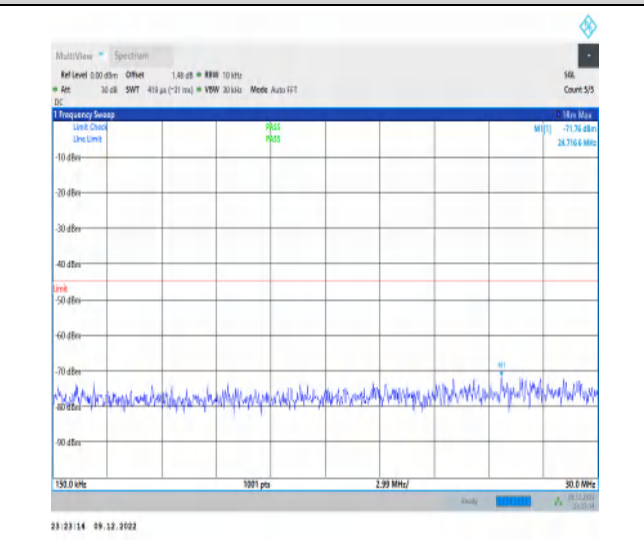
1-N7-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@
 1-3000-12000-Ant1-7462.65--45.54--25-PASS



1-N7-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@
 1-12000-27000-Ant1-22484.50--36.72--25-PASS

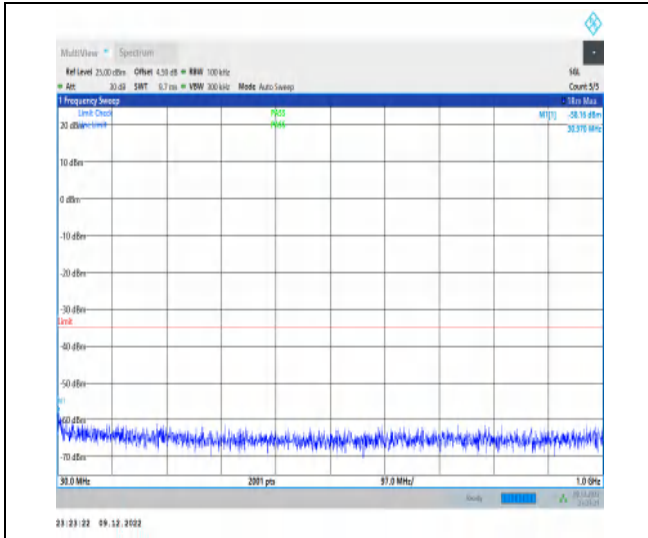


1-N7-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
 1-0.009-0.15-Ant1-0.02--78.89--55-PASS

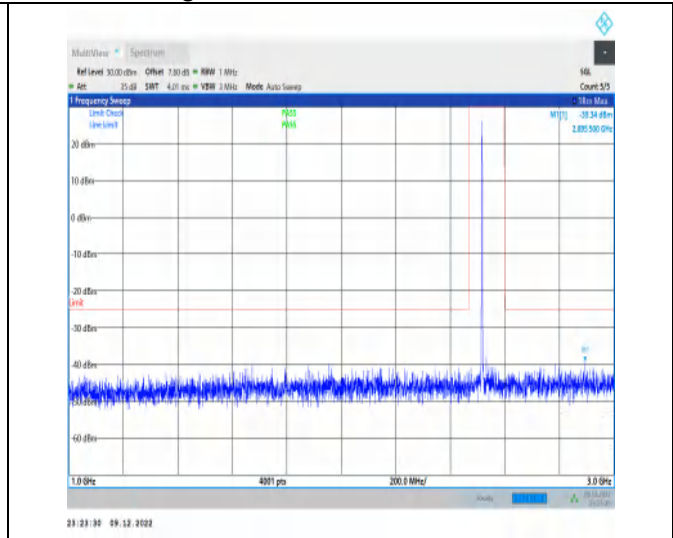


1-N7-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
 1-0.15-30-Ant1-24.72--71.76--45-PASS

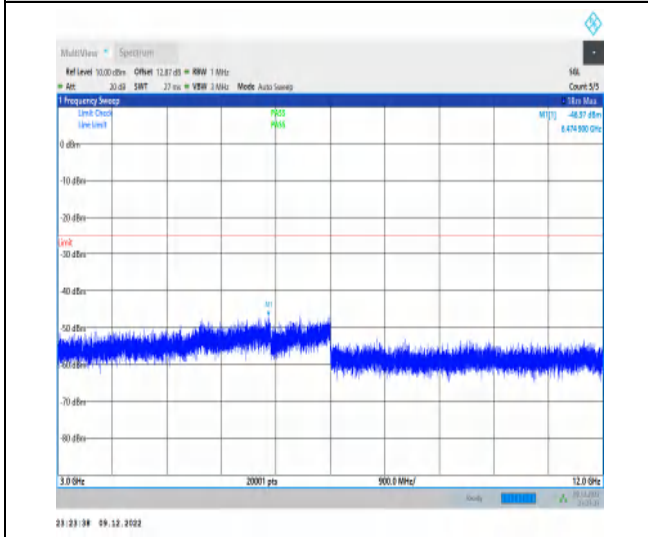




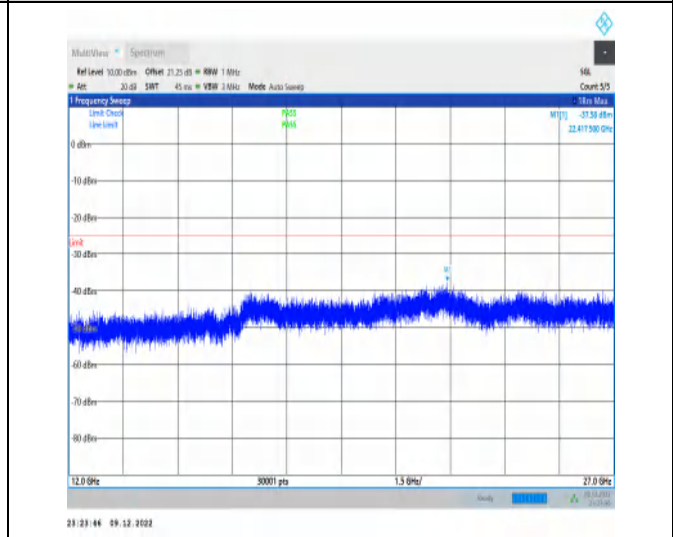
1-N7-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
 1-30-1000-Ant1-30.97--58.16--35-PASS



1-N7-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
 -1000-3000-Ant1-2895.50--39.34--25-PASS

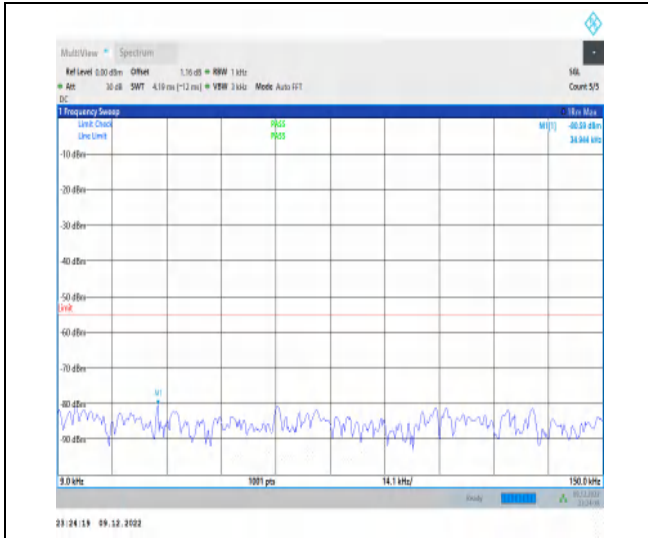


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 1-3000-12000-Ant1-6474.90--46.97--25-PASS

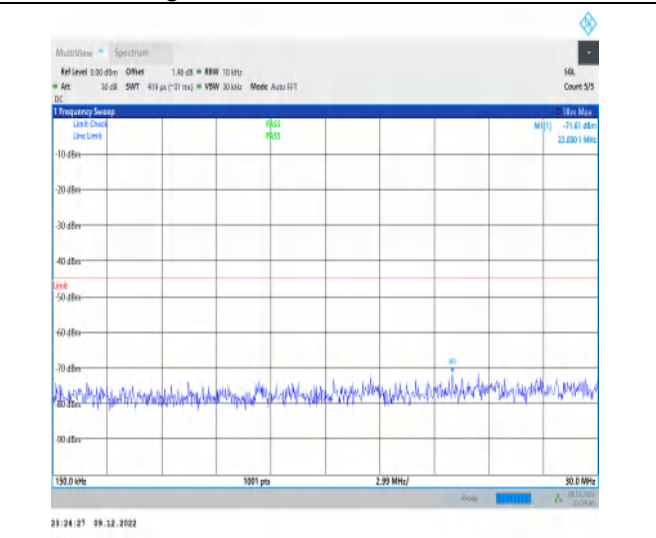


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 -12000-27000-Ant1-22417.50--37.58--25-PASS

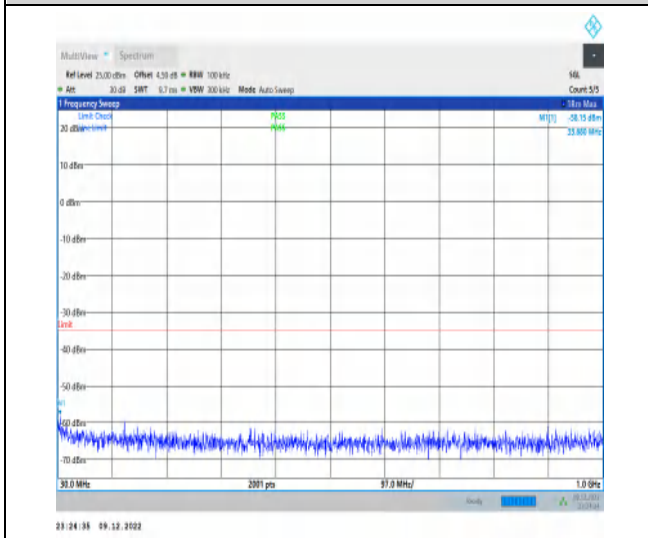




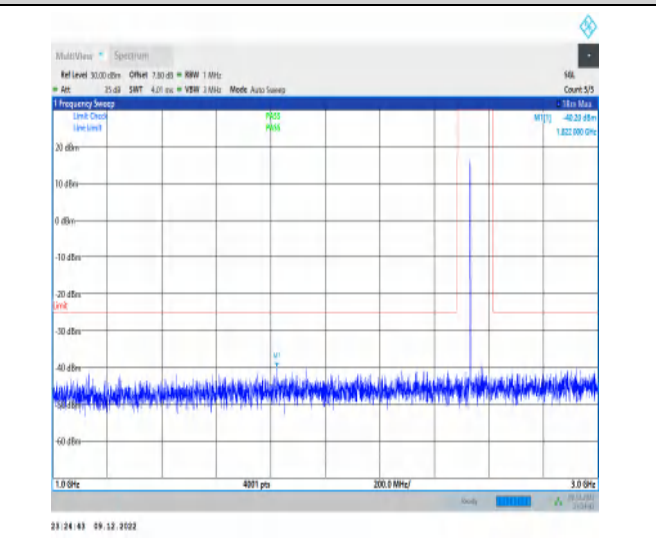
1-N7-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.009-0.15-Ant1-0.03--80.59--55-PASS



1-N7-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
-0.15-30-Ant1-22.03--71.61--45-PASS

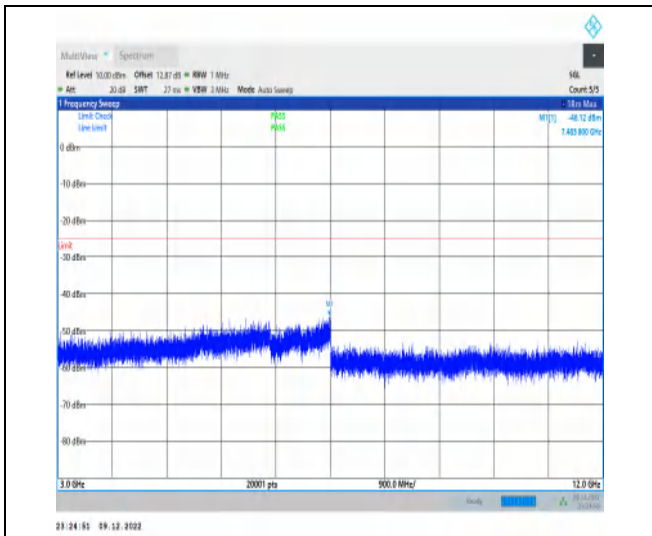


1-N7-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-30-1000-Ant1-33.88--58.15--35-PASS

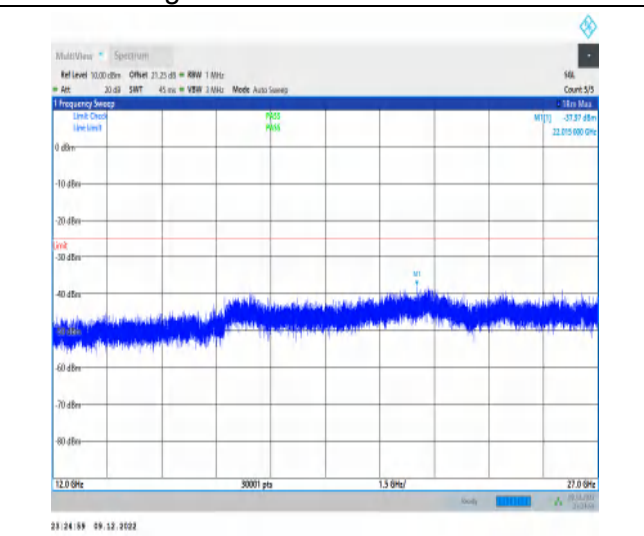


1-N7-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
-1000-3000-Ant1-1822.00--40.20--25-PASS





1-N7-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
 1-3000-12000-Ant1-7483.80--46.12--25-PASS



1-N7-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
 -12000-27000-Ant1-22015.00--37.97--25-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band 7 ANT 0_TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.18	40.30	-44.91	32.60	-67.27	-25.00	42.27	159	145	Horizontal
2	7506.27	38.45	-41.58	36.51	-61.87	-25.00	36.87	236	292	Horizontal
3	10008.36	34.68	-37.12	38.51	-59.19	-25.00	34.19	188	105	Horizontal
4	12510.45	31.42	-35.19	39.11	-59.92	-25.00	34.92	245	348	Horizontal
5	15012.54	30.22	-34.02	39.18	-59.88	-25.00	34.88	301	59	Horizontal
6	17514.63	30.07	-31.88	40.66	-56.41	-25.00	31.41	268	229	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	5004.18	39.91	-44.91	32.60	-67.66	-25.00	42.66	236	246	Vertical
2	7506.27	39.04	-41.58	36.51	-61.28	-25.00	36.28	286	162	Vertical
3	10008.36	33.70	-37.12	38.51	-60.17	-25.00	35.17	156	162	Vertical
4	12510.45	31.83	-35.19	39.11	-59.51	-25.00	34.51	193	80	Vertical
5	15012.54	30.29	-34.02	39.18	-59.81	-25.00	34.81	217	162	Vertical
6	17514.63	30.27	-31.88	40.66	-56.21	-25.00	31.21	306	100	Vertical



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 Wireless Laboratory

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Test Band = SA Band 7 ANT 0_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.18	40.08	-44.72	32.60	-67.30	-25.00	42.30	125	3	Horizontal
2	7551.27	36.69	-41.42	36.60	-63.39	-25.00	38.39	196	229	Horizontal
3	10068.36	34.65	-36.92	38.58	-58.95	-25.00	33.95	325	229	Horizontal
4	12585.45	31.83	-34.65	39.19	-58.89	-25.00	33.89	268	41	Horizontal
5	15102.54	32.26	-34.30	39.07	-58.24	-25.00	33.24	241	289	Horizontal
6	17619.63	30.19	-31.63	41.08	-55.62	-25.00	30.62	306	360	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	5034.18	40.63	-44.72	32.60	-66.75	-25.00	41.75	296	21	Vertical
2	7551.27	37.40	-41.42	36.60	-62.68	-25.00	37.68	326	40	Vertical
3	10068.36	34.00	-36.92	38.58	-59.60	-25.00	34.60	214	190	Vertical
4	12585.45	31.03	-34.65	39.19	-59.69	-25.00	34.69	158	167	Vertical
5	15102.54	32.90	-34.30	39.07	-57.60	-25.00	32.60	277	295	Vertical
6	17619.63	31.05	-31.63	41.08	-54.76	-25.00	29.76	187	62	Vertical



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Test Band = SA Band 7 ANT 0_TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.18	40.97	-44.52	32.60	-66.21	-25.00	41.21	136	41	Horizontal
2	7596.27	37.46	-41.27	36.69	-62.38	-25.00	37.38	189	3	Horizontal
3	10128.36	33.40	-36.74	38.64	-59.95	-25.00	34.95	214	166	Horizontal
4	12660.45	31.51	-34.89	39.26	-59.38	-25.00	34.38	236	63	Horizontal
5	15192.54	31.22	-32.61	38.95	-57.70	-25.00	32.70	285	41	Horizontal
6	17724.63	29.36	-30.93	41.50	-55.33	-25.00	30.33	312	358	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	5064.18	41.47	-44.52	32.60	-65.71	-25.00	40.71	213	80	Vertical
2	7596.27	38.08	-41.27	36.69	-61.76	-25.00	36.76	255	59	Vertical
3	10128.36	33.90	-36.74	38.64	-59.45	-25.00	34.45	263	327	Vertical
4	12660.45	32.31	-34.89	39.26	-58.58	-25.00	33.58	196	346	Vertical
5	15192.54	30.86	-32.61	38.95	-58.06	-25.00	33.06	305	360	Vertical
6	17724.63	29.81	-30.93	41.50	-54.88	-25.00	29.88	174	327	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-11.500000	-0.004536	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	3.600000	0.001420	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-1.700000	-0.000671	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VH	NT	-8.800000	-0.003471	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VN	NT	7.900000	0.003116	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VL	NT	-4.000000	-0.001578	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-40	16.400000	0.008712	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-1.300000	-0.000513	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	4.600000	0.001815	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	7.000000	0.002761	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	7.000000	0.002761	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	9.600000	0.003787	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-2.100000	-0.000828	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-9.000000	-0.003550	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	3.600000	0.001420	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	11.600000	0.004576	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	60	11.600000	0.006162	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	75	5.100000	0.002709	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-40	3.400000	0.001806	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-30	1.400000	0.000552	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-20	-2.100000	-0.000828	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-10	6.800000	0.002682	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	0	-10.600000	-0.004181	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	10	11.900000	0.004694	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	20	8.400000	0.003314	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	30	-9.200000	-0.003629	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	40	4.700000	0.001854	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	50	9.600000	0.003787	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	60	12.000000	0.006375	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	75	3.900000	0.002072	PASS

---End of Attachment---



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