



Appendix

NR Band N5



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**Effective (Isotropic) Radiated Power Output Data for SA
Test Result for N5
ANT1:**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	ERP	Limit	Verdict
N5	15kHz	5MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	24.87	18.64	38.45	PASS
N5	15kHz	5MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	21.86	15.63	38.45	PASS
N5	15kHz	5MHz	DFT-PI2BPSK	Low	Inner_Full	24.79	18.56	38.45	PASS
N5	15kHz	5MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.81	17.58	38.45	PASS
N5	15kHz	5MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	22.02	15.79	38.45	PASS
N5	15kHz	5MHz	DFT-PI2BPSK	Mid	Inner_Full	24.82	18.59	38.45	PASS
N5	15kHz	5MHz	DFT-PI2BPSK	High	Inner_1RB_Left	24.90	18.67	38.45	PASS
N5	15kHz	5MHz	DFT-PI2BPSK	High	Inner_1RB_Right	24.98	18.75	38.45	PASS
N5	15kHz	5MHz	DFT-PI2BPSK	High	Inner_Full	24.68	18.45	38.45	PASS
N5	15kHz	5MHz	DFT-QPSK	Low	Inner_1RB_Left	24.88	18.65	38.45	PASS
N5	15kHz	5MHz	DFT-QPSK	Low	Inner_1RB_Right	21.88	15.65	38.45	PASS
N5	15kHz	5MHz	DFT-QPSK	Low	Inner_Full	25.00	18.77	38.45	PASS
N5	15kHz	5MHz	DFT-QPSK	Mid	Inner_1RB_Left	22.07	15.84	38.45	PASS
N5	15kHz	5MHz	DFT-QPSK	Mid	Inner_1RB_Right	21.98	15.75	38.45	PASS
N5	15kHz	5MHz	DFT-QPSK	Mid	Inner_Full	24.81	18.58	38.45	PASS
N5	15kHz	5MHz	DFT-QPSK	High	Inner_1RB_Left	24.77	18.54	38.45	PASS
N5	15kHz	5MHz	DFT-QPSK	High	Inner_1RB_Right	23.74	17.51	38.45	PASS
N5	15kHz	5MHz	DFT-QPSK	High	Inner_Full	24.99	18.76	38.45	PASS
N5	15kHz	5MHz	DFT-16QAM	Low	Inner_1RB_Left	23.10	16.87	38.45	PASS
N5	15kHz	5MHz	DFT-16QAM	Low	Inner_1RB_Right	23.85	17.62	38.45	PASS
N5	15kHz	5MHz	DFT-16QAM	Low	Inner_Full	23.93	17.7	38.45	PASS
N5	15kHz	5MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.85	16.62	38.45	PASS
N5	15kHz	5MHz	DFT-16QAM	Mid	Inner_1RB_Right	23.14	16.91	38.45	PASS
N5	15kHz	5MHz	DFT-16QAM	Mid	Inner_Full	22.86	16.63	38.45	PASS
N5	15kHz	5MHz	DFT-16QAM	High	Inner_1RB_Left	23.08	16.85	38.45	PASS
N5	15kHz	5MHz	DFT-16QAM	High	Inner_1RB_Right	24.09	17.86	38.45	PASS
N5	15kHz	5MHz	DFT-16QAM	High	Inner_Full	23.29	17.06	38.45	PASS
N5	15kHz	5MHz	DFT-64QAM	Low	Inner_1RB_Left	21.84	15.61	38.45	PASS
N5	15kHz	5MHz	DFT-64QAM	Low	Inner_1RB_Right	22.32	16.09	38.45	PASS
N5	15kHz	5MHz	DFT-64QAM	Low	Inner_Full	22.38	16.15	38.45	PASS
N5	15kHz	5MHz	DFT-64QAM	Mid	Inner_1RB_Left	22.06	15.83	38.45	PASS
N5	15kHz	5MHz	DFT-64QAM	Mid	Inner_1RB_Right	21.97	15.74	38.45	PASS
N5	15kHz	5MHz	DFT-64QAM	Mid	Inner_Full	22.57	16.34	38.45	PASS
N5	15kHz	5MHz	DFT-64QAM	High	Inner_1RB_Left	22.22	15.99	38.45	PASS
N5	15kHz	5MHz	DFT-64QAM	High	Inner_1RB_Right	22.35	16.12	38.45	PASS
N5	15kHz	5MHz	DFT-64QAM	High	Inner_Full	22.21	15.98	38.45	PASS
N5	15kHz	5MHz	DFT-256QAM	Low	Inner_1RB_Left	20.57	14.34	38.45	PASS
N5	15kHz	5MHz	DFT-256QAM	Low	Inner_1RB_Right	20.54	14.31	38.45	PASS
N5	15kHz	5MHz	DFT-256QAM	Low	Inner_Full	20.43	14.2	38.45	PASS
N5	15kHz	5MHz	DFT-256QAM	Mid	Inner_1RB_Left	20.64	14.41	38.45	PASS
N5	15kHz	5MHz	DFT-256QAM	Mid	Inner_1RB_Right	20.61	14.38	38.45	PASS
N5	15kHz	5MHz	DFT-256QAM	Mid	Inner_Full	20.48	14.25	38.45	PASS
N5	15kHz	5MHz	DFT-256QAM	High	Inner_1RB_Left	20.50	14.27	38.45	PASS
N5	15kHz	5MHz	DFT-256QAM	High	Inner_1RB_Right	20.61	14.38	38.45	PASS



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Wireless Laboratory

N5	15kHz	5MHz	DFT-256QAM	High	Inner_Full	20.46	14.23	38.45	PASS
N5	15kHz	5MHz	CP-QPSK	Low	Inner_1RB_Left	23.03	16.8	38.45	PASS
N5	15kHz	5MHz	CP-QPSK	Low	Inner_1RB_Right	23.19	16.96	38.45	PASS
N5	15kHz	5MHz	CP-QPSK	Low	Inner_Full	23.29	17.06	38.45	PASS
N5	15kHz	5MHz	CP-QPSK	Mid	Inner_1RB_Left	23.33	17.1	38.45	PASS
N5	15kHz	5MHz	CP-QPSK	Mid	Inner_1RB_Right	23.39	17.16	38.45	PASS
N5	15kHz	5MHz	CP-QPSK	Mid	Inner_Full	23.30	17.07	38.45	PASS
N5	15kHz	5MHz	CP-QPSK	High	Inner_1RB_Left	23.01	16.78	38.45	PASS
N5	15kHz	5MHz	CP-QPSK	High	Inner_1RB_Right	23.02	16.79	38.45	PASS
N5	15kHz	5MHz	CP-QPSK	High	Inner_Full	23.22	16.99	38.45	PASS
N5	15kHz	5MHz	CP-16QAM	Low	Inner_1RB_Left	22.87	16.64	38.45	PASS
N5	15kHz	5MHz	CP-16QAM	Low	Inner_1RB_Right	22.95	16.72	38.45	PASS
N5	15kHz	5MHz	CP-16QAM	Low	Inner_Full	23.10	16.87	38.45	PASS
N5	15kHz	5MHz	CP-16QAM	Mid	Inner_1RB_Left	22.95	16.72	38.45	PASS
N5	15kHz	5MHz	CP-16QAM	Mid	Inner_1RB_Right	22.85	16.62	38.45	PASS
N5	15kHz	5MHz	CP-16QAM	Mid	Inner_Full	23.08	16.85	38.45	PASS
N5	15kHz	5MHz	CP-16QAM	High	Inner_1RB_Left	22.88	16.65	38.45	PASS
N5	15kHz	5MHz	CP-16QAM	High	Inner_1RB_Right	22.94	16.71	38.45	PASS
N5	15kHz	5MHz	CP-16QAM	High	Inner_Full	23.01	16.78	38.45	PASS
N5	15kHz	5MHz	CP-64QAM	Low	Inner_1RB_Left	21.26	15.03	38.45	PASS
N5	15kHz	5MHz	CP-64QAM	Low	Inner_1RB_Right	21.24	15.01	38.45	PASS
N5	15kHz	5MHz	CP-64QAM	Low	Inner_Full	21.00	14.77	38.45	PASS
N5	15kHz	5MHz	CP-64QAM	Mid	Inner_1RB_Left	21.35	15.12	38.45	PASS
N5	15kHz	5MHz	CP-64QAM	Mid	Inner_1RB_Right	20.63	14.4	38.45	PASS
N5	15kHz	5MHz	CP-64QAM	Mid	Inner_Full	21.20	14.97	38.45	PASS
N5	15kHz	5MHz	CP-64QAM	High	Inner_1RB_Left	21.15	14.92	38.45	PASS
N5	15kHz	5MHz	CP-64QAM	High	Inner_1RB_Right	21.18	14.95	38.45	PASS
N5	15kHz	5MHz	CP-64QAM	High	Inner_Full	21.29	15.06	38.45	PASS
N5	15kHz	5MHz	CP-256QAM	Low	Inner_1RB_Left	18.68	12.45	38.45	PASS
N5	15kHz	5MHz	CP-256QAM	Low	Inner_1RB_Right	18.69	12.46	38.45	PASS
N5	15kHz	5MHz	CP-256QAM	Low	Inner_Full	18.60	12.37	38.45	PASS
N5	15kHz	5MHz	CP-256QAM	Mid	Inner_1RB_Left	18.79	12.56	38.45	PASS
N5	15kHz	5MHz	CP-256QAM	Mid	Inner_1RB_Right	18.72	12.49	38.45	PASS
N5	15kHz	5MHz	CP-256QAM	Mid	Inner_Full	18.57	12.34	38.45	PASS
N5	15kHz	5MHz	CP-256QAM	High	Inner_1RB_Left	18.66	12.43	38.45	PASS
N5	15kHz	5MHz	CP-256QAM	High	Inner_1RB_Right	18.60	12.37	38.45	PASS
N5	15kHz	5MHz	CP-256QAM	High	Inner_Full	18.58	12.35	38.45	PASS
N5	15kHz	10MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	24.87	18.64	38.45	PASS
N5	15kHz	10MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	25.03	18.8	38.45	PASS
N5	15kHz	10MHz	DFT-PI2BPSK	Low	Inner_Full	25.04	18.81	38.45	PASS
N5	15kHz	10MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	25.07	18.84	38.45	PASS
N5	15kHz	10MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	22.23	16	38.45	PASS
N5	15kHz	10MHz	DFT-PI2BPSK	Mid	Inner_Full	22.23	16	38.45	PASS
N5	15kHz	10MHz	DFT-PI2BPSK	High	Inner_1RB_Left	24.88	18.65	38.45	PASS
N5	15kHz	10MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.55	17.32	38.45	PASS
N5	15kHz	10MHz	DFT-PI2BPSK	High	Inner_Full	25.07	18.84	38.45	PASS
N5	15kHz	10MHz	DFT-QPSK	Low	Inner_1RB_Left	24.96	18.73	38.45	PASS
N5	15kHz	10MHz	DFT-QPSK	Low	Inner_1RB_Right	25.03	18.8	38.45	PASS
N5	15kHz	10MHz	DFT-QPSK	Low	Inner_Full	25.09	18.86	38.45	PASS



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N5	15kHz	10MHz	DFT-QPSK	Mid	Inner_1RB_Left	22.41	16.18	38.45	PASS
N5	15kHz	10MHz	DFT-QPSK	Mid	Inner_1RB_Right	24.97	18.74	38.45	PASS
N5	15kHz	10MHz	DFT-QPSK	Mid	Inner_Full	22.30	16.07	38.45	PASS
N5	15kHz	10MHz	DFT-QPSK	High	Inner_1RB_Left	24.88	18.65	38.45	PASS
N5	15kHz	10MHz	DFT-QPSK	High	Inner_1RB_Right	22.37	16.14	38.45	PASS
N5	15kHz	10MHz	DFT-QPSK	High	Inner_Full	24.95	18.72	38.45	PASS
N5	15kHz	10MHz	DFT-16QAM	Low	Inner_1RB_Left	22.65	16.42	38.45	PASS
N5	15kHz	10MHz	DFT-16QAM	Low	Inner_1RB_Right	22.72	16.49	38.45	PASS
N5	15kHz	10MHz	DFT-16QAM	Low	Inner_Full	23.11	16.88	38.45	PASS
N5	15kHz	10MHz	DFT-16QAM	Mid	Inner_1RB_Left	24.18	17.95	38.45	PASS
N5	15kHz	10MHz	DFT-16QAM	Mid	Inner_1RB_Right	24.12	17.89	38.45	PASS
N5	15kHz	10MHz	DFT-16QAM	Mid	Inner_Full	24.13	17.9	38.45	PASS
N5	15kHz	10MHz	DFT-16QAM	High	Inner_1RB_Left	23.21	16.98	38.45	PASS
N5	15kHz	10MHz	DFT-16QAM	High	Inner_1RB_Right	24.07	17.84	38.45	PASS
N5	15kHz	10MHz	DFT-16QAM	High	Inner_Full	23.29	17.06	38.45	PASS
N5	15kHz	10MHz	DFT-64QAM	Low	Inner_1RB_Left	22.30	16.07	38.45	PASS
N5	15kHz	10MHz	DFT-64QAM	Low	Inner_1RB_Right	22.41	16.18	38.45	PASS
N5	15kHz	10MHz	DFT-64QAM	Low	Inner_Full	22.46	16.23	38.45	PASS
N5	15kHz	10MHz	DFT-64QAM	Mid	Inner_1RB_Left	22.35	16.12	38.45	PASS
N5	15kHz	10MHz	DFT-64QAM	Mid	Inner_1RB_Right	22.25	16.02	38.45	PASS
N5	15kHz	10MHz	DFT-64QAM	Mid	Inner_Full	22.44	16.21	38.45	PASS
N5	15kHz	10MHz	DFT-64QAM	High	Inner_1RB_Left	22.28	16.05	38.45	PASS
N5	15kHz	10MHz	DFT-64QAM	High	Inner_1RB_Right	22.27	16.04	38.45	PASS
N5	15kHz	10MHz	DFT-64QAM	High	Inner_Full	22.32	16.09	38.45	PASS
N5	15kHz	10MHz	DFT-256QAM	Low	Inner_1RB_Left	20.53	14.3	38.45	PASS
N5	15kHz	10MHz	DFT-256QAM	Low	Inner_1RB_Right	20.67	14.44	38.45	PASS
N5	15kHz	10MHz	DFT-256QAM	Low	Inner_Full	20.41	14.18	38.45	PASS
N5	15kHz	10MHz	DFT-256QAM	Mid	Inner_1RB_Left	20.41	14.18	38.45	PASS
N5	15kHz	10MHz	DFT-256QAM	Mid	Inner_1RB_Right	20.61	14.38	38.45	PASS
N5	15kHz	10MHz	DFT-256QAM	Mid	Inner_Full	20.46	14.23	38.45	PASS
N5	15kHz	10MHz	DFT-256QAM	High	Inner_1RB_Left	20.57	14.34	38.45	PASS
N5	15kHz	10MHz	DFT-256QAM	High	Inner_1RB_Right	20.61	14.38	38.45	PASS
N5	15kHz	10MHz	DFT-256QAM	High	Inner_Full	20.31	14.08	38.45	PASS
N5	15kHz	10MHz	CP-QPSK	Low	Inner_1RB_Left	23.28	17.05	38.45	PASS
N5	15kHz	10MHz	CP-QPSK	Low	Inner_1RB_Right	23.51	17.28	38.45	PASS
N5	15kHz	10MHz	CP-QPSK	Low	Inner_Full	22.37	16.14	38.45	PASS
N5	15kHz	10MHz	CP-QPSK	Mid	Inner_1RB_Left	23.18	16.95	38.45	PASS
N5	15kHz	10MHz	CP-QPSK	Mid	Inner_1RB_Right	23.29	17.06	38.45	PASS
N5	15kHz	10MHz	CP-QPSK	Mid	Inner_Full	23.52	17.29	38.45	PASS
N5	15kHz	10MHz	CP-QPSK	High	Inner_1RB_Left	23.31	17.08	38.45	PASS
N5	15kHz	10MHz	CP-QPSK	High	Inner_1RB_Right	23.40	17.17	38.45	PASS
N5	15kHz	10MHz	CP-QPSK	High	Inner_Full	23.17	16.94	38.45	PASS
N5	15kHz	10MHz	CP-16QAM	Low	Inner_1RB_Left	22.69	16.46	38.45	PASS
N5	15kHz	10MHz	CP-16QAM	Low	Inner_1RB_Right	23.02	16.79	38.45	PASS
N5	15kHz	10MHz	CP-16QAM	Low	Inner_Full	23.04	16.81	38.45	PASS
N5	15kHz	10MHz	CP-16QAM	Mid	Inner_1RB_Left	23.12	16.89	38.45	PASS
N5	15kHz	10MHz	CP-16QAM	Mid	Inner_1RB_Right	23.01	16.78	38.45	PASS
N5	15kHz	10MHz	CP-16QAM	Mid	Inner_Full	23.12	16.89	38.45	PASS
N5	15kHz	10MHz	CP-16QAM	High	Inner_1RB_Left	22.93	16.7	38.45	PASS



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N5	15kHz	10MHz	CP-16QAM	High	Inner_1RB_Right	22.95	16.72	38.45	PASS
N5	15kHz	10MHz	CP-16QAM	High	Inner_Full	22.69	16.46	38.45	PASS
N5	15kHz	10MHz	CP-64QAM	Low	Inner_1RB_Left	21.20	14.97	38.45	PASS
N5	15kHz	10MHz	CP-64QAM	Low	Inner_1RB_Right	21.40	15.17	38.45	PASS
N5	15kHz	10MHz	CP-64QAM	Low	Inner_Full	21.18	14.95	38.45	PASS
N5	15kHz	10MHz	CP-64QAM	Mid	Inner_1RB_Left	21.19	14.96	38.45	PASS
N5	15kHz	10MHz	CP-64QAM	Mid	Inner_1RB_Right	21.13	14.9	38.45	PASS
N5	15kHz	10MHz	CP-64QAM	Mid	Inner_Full	21.42	15.19	38.45	PASS
N5	15kHz	10MHz	CP-64QAM	High	Inner_1RB_Left	21.17	14.94	38.45	PASS
N5	15kHz	10MHz	CP-64QAM	High	Inner_1RB_Right	21.34	15.11	38.45	PASS
N5	15kHz	10MHz	CP-64QAM	High	Inner_Full	21.30	15.07	38.45	PASS
N5	15kHz	10MHz	CP-256QAM	Low	Inner_1RB_Left	18.62	12.39	38.45	PASS
N5	15kHz	10MHz	CP-256QAM	Low	Inner_1RB_Right	18.86	12.63	38.45	PASS
N5	15kHz	10MHz	CP-256QAM	Low	Inner_Full	18.65	12.42	38.45	PASS
N5	15kHz	10MHz	CP-256QAM	Mid	Inner_1RB_Left	18.74	12.51	38.45	PASS
N5	15kHz	10MHz	CP-256QAM	Mid	Inner_1RB_Right	18.81	12.58	38.45	PASS
N5	15kHz	10MHz	CP-256QAM	Mid	Inner_Full	18.68	12.45	38.45	PASS
N5	15kHz	10MHz	CP-256QAM	High	Inner_1RB_Left	18.61	12.38	38.45	PASS
N5	15kHz	10MHz	CP-256QAM	High	Inner_1RB_Right	18.66	12.43	38.45	PASS
N5	15kHz	10MHz	CP-256QAM	High	Inner_Full	18.50	12.27	38.45	PASS
N5	15kHz	15MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	21.94	15.71	38.45	PASS
N5	15kHz	15MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	22.00	15.77	38.45	PASS
N5	15kHz	15MHz	DFT-PI2BPSK	Low	Inner_Full	25.00	18.77	38.45	PASS
N5	15kHz	15MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	24.56	18.33	38.45	PASS
N5	15kHz	15MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	24.89	18.66	38.45	PASS
N5	15kHz	15MHz	DFT-PI2BPSK	Mid	Inner_Full	25.03	18.8	38.45	PASS
N5	15kHz	15MHz	DFT-PI2BPSK	High	Inner_1RB_Left	24.92	18.69	38.45	PASS
N5	15kHz	15MHz	DFT-PI2BPSK	High	Inner_1RB_Right	22.06	15.83	38.45	PASS
N5	15kHz	15MHz	DFT-PI2BPSK	High	Inner_Full	24.71	18.48	38.45	PASS
N5	15kHz	15MHz	DFT-QPSK	Low	Inner_1RB_Left	23.32	17.09	38.45	PASS
N5	15kHz	15MHz	DFT-QPSK	Low	Inner_1RB_Right	24.94	18.71	38.45	PASS
N5	15kHz	15MHz	DFT-QPSK	Low	Inner_Full	24.69	18.46	38.45	PASS
N5	15kHz	15MHz	DFT-QPSK	Mid	Inner_1RB_Left	24.93	18.7	38.45	PASS
N5	15kHz	15MHz	DFT-QPSK	Mid	Inner_1RB_Right	24.70	18.47	38.45	PASS
N5	15kHz	15MHz	DFT-QPSK	Mid	Inner_Full	25.12	18.89	38.45	PASS
N5	15kHz	15MHz	DFT-QPSK	High	Inner_1RB_Left	22.28	16.05	38.45	PASS
N5	15kHz	15MHz	DFT-QPSK	High	Inner_1RB_Right	22.07	15.84	38.45	PASS
N5	15kHz	15MHz	DFT-QPSK	High	Inner_Full	24.72	18.49	38.45	PASS
N5	15kHz	15MHz	DFT-16QAM	Low	Inner_1RB_Left	23.98	17.75	38.45	PASS
N5	15kHz	15MHz	DFT-16QAM	Low	Inner_1RB_Right	23.10	16.87	38.45	PASS
N5	15kHz	15MHz	DFT-16QAM	Low	Inner_Full	22.74	16.51	38.45	PASS
N5	15kHz	15MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.89	16.66	38.45	PASS
N5	15kHz	15MHz	DFT-16QAM	Mid	Inner_1RB_Right	24.00	17.77	38.45	PASS
N5	15kHz	15MHz	DFT-16QAM	Mid	Inner_Full	24.15	17.92	38.45	PASS
N5	15kHz	15MHz	DFT-16QAM	High	Inner_1RB_Left	22.65	16.42	38.45	PASS
N5	15kHz	15MHz	DFT-16QAM	High	Inner_1RB_Right	24.02	17.79	38.45	PASS
N5	15kHz	15MHz	DFT-16QAM	High	Inner_Full	22.81	16.58	38.45	PASS
N5	15kHz	15MHz	DFT-64QAM	Low	Inner_1RB_Left	22.18	15.95	38.45	PASS
N5	15kHz	15MHz	DFT-64QAM	Low	Inner_1RB_Right	22.30	16.07	38.45	PASS



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N5	15kHz	15MHz	DFT-64QAM	Low	Inner_Full	22.31	16.08	38.45	PASS
N5	15kHz	15MHz	DFT-64QAM	Mid	Inner_1RB_Left	21.64	15.41	38.45	PASS
N5	15kHz	15MHz	DFT-64QAM	Mid	Inner_1RB_Right	22.27	16.04	38.45	PASS
N5	15kHz	15MHz	DFT-64QAM	Mid	Inner_Full	22.51	16.28	38.45	PASS
N5	15kHz	15MHz	DFT-64QAM	High	Inner_1RB_Left	22.03	15.8	38.45	PASS
N5	15kHz	15MHz	DFT-64QAM	High	Inner_1RB_Right	22.24	16.01	38.45	PASS
N5	15kHz	15MHz	DFT-64QAM	High	Inner_Full	21.66	15.43	38.45	PASS
N5	15kHz	15MHz	DFT-256QAM	Low	Inner_1RB_Left	20.42	14.19	38.45	PASS
N5	15kHz	15MHz	DFT-256QAM	Low	Inner_1RB_Right	20.56	14.33	38.45	PASS
N5	15kHz	15MHz	DFT-256QAM	Low	Inner_Full	20.57	14.34	38.45	PASS
N5	15kHz	15MHz	DFT-256QAM	Mid	Inner_1RB_Left	20.54	14.31	38.45	PASS
N5	15kHz	15MHz	DFT-256QAM	Mid	Inner_1RB_Right	20.53	14.3	38.45	PASS
N5	15kHz	15MHz	DFT-256QAM	Mid	Inner_Full	20.60	14.37	38.45	PASS
N5	15kHz	15MHz	DFT-256QAM	High	Inner_1RB_Left	20.57	14.34	38.45	PASS
N5	15kHz	15MHz	DFT-256QAM	High	Inner_1RB_Right	20.54	14.31	38.45	PASS
N5	15kHz	15MHz	DFT-256QAM	High	Inner_Full	20.46	14.23	38.45	PASS
N5	15kHz	15MHz	CP-QPSK	Low	Inner_1RB_Left	23.02	16.79	38.45	PASS
N5	15kHz	15MHz	CP-QPSK	Low	Inner_1RB_Right	23.33	17.1	38.45	PASS
N5	15kHz	15MHz	CP-QPSK	Low	Inner_Full	22.75	16.52	38.45	PASS
N5	15kHz	15MHz	CP-QPSK	Mid	Inner_1RB_Left	22.87	16.64	38.45	PASS
N5	15kHz	15MHz	CP-QPSK	Mid	Inner_1RB_Right	23.15	16.92	38.45	PASS
N5	15kHz	15MHz	CP-QPSK	Mid	Inner_Full	23.55	17.32	38.45	PASS
N5	15kHz	15MHz	CP-QPSK	High	Inner_1RB_Left	23.24	17.01	38.45	PASS
N5	15kHz	15MHz	CP-QPSK	High	Inner_1RB_Right	23.30	17.07	38.45	PASS
N5	15kHz	15MHz	CP-QPSK	High	Inner_Full	23.18	16.95	38.45	PASS
N5	15kHz	15MHz	CP-16QAM	Low	Inner_1RB_Left	21.91	15.68	38.45	PASS
N5	15kHz	15MHz	CP-16QAM	Low	Inner_1RB_Right	23.03	16.8	38.45	PASS
N5	15kHz	15MHz	CP-16QAM	Low	Inner_Full	22.94	16.71	38.45	PASS
N5	15kHz	15MHz	CP-16QAM	Mid	Inner_1RB_Left	22.71	16.48	38.45	PASS
N5	15kHz	15MHz	CP-16QAM	Mid	Inner_1RB_Right	22.78	16.55	38.45	PASS
N5	15kHz	15MHz	CP-16QAM	Mid	Inner_Full	22.79	16.56	38.45	PASS
N5	15kHz	15MHz	CP-16QAM	High	Inner_1RB_Left	22.97	16.74	38.45	PASS
N5	15kHz	15MHz	CP-16QAM	High	Inner_1RB_Right	22.20	15.97	38.45	PASS
N5	15kHz	15MHz	CP-16QAM	High	Inner_Full	22.54	16.31	38.45	PASS
N5	15kHz	15MHz	CP-64QAM	Low	Inner_1RB_Left	21.11	14.88	38.45	PASS
N5	15kHz	15MHz	CP-64QAM	Low	Inner_1RB_Right	20.86	14.63	38.45	PASS
N5	15kHz	15MHz	CP-64QAM	Low	Inner_Full	21.49	15.26	38.45	PASS
N5	15kHz	15MHz	CP-64QAM	Mid	Inner_1RB_Left	21.18	14.95	38.45	PASS
N5	15kHz	15MHz	CP-64QAM	Mid	Inner_1RB_Right	21.23	15	38.45	PASS
N5	15kHz	15MHz	CP-64QAM	Mid	Inner_Full	21.52	15.29	38.45	PASS
N5	15kHz	15MHz	CP-64QAM	High	Inner_1RB_Left	21.19	14.96	38.45	PASS
N5	15kHz	15MHz	CP-64QAM	High	Inner_1RB_Right	21.25	15.02	38.45	PASS
N5	15kHz	15MHz	CP-64QAM	High	Inner_Full	21.23	15	38.45	PASS
N5	15kHz	15MHz	CP-256QAM	Low	Inner_1RB_Left	18.60	12.37	38.45	PASS
N5	15kHz	15MHz	CP-256QAM	Low	Inner_1RB_Right	18.70	12.47	38.45	PASS
N5	15kHz	15MHz	CP-256QAM	Low	Inner_Full	18.57	12.34	38.45	PASS
N5	15kHz	15MHz	CP-256QAM	Mid	Inner_1RB_Left	18.65	12.42	38.45	PASS
N5	15kHz	15MHz	CP-256QAM	Mid	Inner_1RB_Right	18.68	12.45	38.45	PASS
N5	15kHz	15MHz	CP-256QAM	Mid	Inner_Full	18.60	12.37	38.45	PASS

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N5	15kHz	15MHz	CP-256QAM	High	Inner_1RB_Left	18.67	12.44	38.45	PASS
N5	15kHz	15MHz	CP-256QAM	High	Inner_1RB_Right	18.45	12.22	38.45	PASS
N5	15kHz	15MHz	CP-256QAM	High	Inner_Full	18.43	12.2	38.45	PASS
N5	15kHz	20MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	24.67	18.44	38.45	PASS
N5	15kHz	20MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	24.69	18.46	38.45	PASS
N5	15kHz	20MHz	DFT-PI2BPSK	Low	Inner_Full	25.03	18.8	38.45	PASS
N5	15kHz	20MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	24.73	18.5	38.45	PASS
N5	15kHz	20MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	24.90	18.67	38.45	PASS
N5	15kHz	20MHz	DFT-PI2BPSK	Mid	Inner_Full	24.85	18.62	38.45	PASS
N5	15kHz	20MHz	DFT-PI2BPSK	High	Inner_1RB_Left	24.68	18.45	38.45	PASS
N5	15kHz	20MHz	DFT-PI2BPSK	High	Inner_1RB_Right	24.87	18.64	38.45	PASS
N5	15kHz	20MHz	DFT-PI2BPSK	High	Inner_Full	24.88	18.65	38.45	PASS
N5	15kHz	20MHz	DFT-QPSK	Low	Inner_1RB_Left	24.91	18.68	38.45	PASS
N5	15kHz	20MHz	DFT-QPSK	Low	Inner_1RB_Right	24.63	18.4	38.45	PASS
N5	15kHz	20MHz	DFT-QPSK	Low	Inner_Full	24.72	18.49	38.45	PASS
N5	15kHz	20MHz	DFT-QPSK	Mid	Inner_1RB_Left	24.62	18.39	38.45	PASS
N5	15kHz	20MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.96	17.73	38.45	PASS
N5	15kHz	20MHz	DFT-QPSK	Mid	Inner_Full	24.68	18.45	38.45	PASS
N5	15kHz	20MHz	DFT-QPSK	High	Inner_1RB_Left	24.67	18.44	38.45	PASS
N5	15kHz	20MHz	DFT-QPSK	High	Inner_1RB_Right	24.68	18.45	38.45	PASS
N5	15kHz	20MHz	DFT-QPSK	High	Inner_Full	24.98	18.75	38.45	PASS
N5	15kHz	20MHz	DFT-16QAM	Low	Inner_1RB_Left	22.82	16.59	38.45	PASS
N5	15kHz	20MHz	DFT-16QAM	Low	Inner_1RB_Right	22.88	16.65	38.45	PASS
N5	15kHz	20MHz	DFT-16QAM	Low	Inner_Full	24.04	17.81	38.45	PASS
N5	15kHz	20MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.81	16.58	38.45	PASS
N5	15kHz	20MHz	DFT-16QAM	Mid	Inner_1RB_Right	24.01	17.78	38.45	PASS
N5	15kHz	20MHz	DFT-16QAM	Mid	Inner_Full	22.72	16.49	38.45	PASS
N5	15kHz	20MHz	DFT-16QAM	High	Inner_1RB_Left	24.08	17.85	38.45	PASS
N5	15kHz	20MHz	DFT-16QAM	High	Inner_1RB_Right	24.04	17.81	38.45	PASS
N5	15kHz	20MHz	DFT-16QAM	High	Inner_Full	22.66	16.43	38.45	PASS
N5	15kHz	20MHz	DFT-64QAM	Low	Inner_1RB_Left	22.27	16.04	38.45	PASS
N5	15kHz	20MHz	DFT-64QAM	Low	Inner_1RB_Right	22.31	16.08	38.45	PASS
N5	15kHz	20MHz	DFT-64QAM	Low	Inner_Full	22.57	16.34	38.45	PASS
N5	15kHz	20MHz	DFT-64QAM	Mid	Inner_1RB_Left	22.25	16.02	38.45	PASS
N5	15kHz	20MHz	DFT-64QAM	Mid	Inner_1RB_Right	22.28	16.05	38.45	PASS
N5	15kHz	20MHz	DFT-64QAM	Mid	Inner_Full	21.70	15.47	38.45	PASS
N5	15kHz	20MHz	DFT-64QAM	High	Inner_1RB_Left	22.24	16.01	38.45	PASS
N5	15kHz	20MHz	DFT-64QAM	High	Inner_1RB_Right	22.40	16.17	38.45	PASS
N5	15kHz	20MHz	DFT-64QAM	High	Inner_Full	21.68	15.45	38.45	PASS
N5	15kHz	20MHz	DFT-256QAM	Low	Inner_1RB_Left	20.50	14.27	38.45	PASS
N5	15kHz	20MHz	DFT-256QAM	Low	Inner_1RB_Right	20.52	14.29	38.45	PASS
N5	15kHz	20MHz	DFT-256QAM	Low	Inner_Full	20.48	14.25	38.45	PASS
N5	15kHz	20MHz	DFT-256QAM	Mid	Inner_1RB_Left	20.58	14.35	38.45	PASS
N5	15kHz	20MHz	DFT-256QAM	Mid	Inner_1RB_Right	20.55	14.32	38.45	PASS
N5	15kHz	20MHz	DFT-256QAM	Mid	Inner_Full	20.53	14.3	38.45	PASS
N5	15kHz	20MHz	DFT-256QAM	High	Inner_1RB_Left	20.55	14.32	38.45	PASS
N5	15kHz	20MHz	DFT-256QAM	High	Inner_1RB_Right	20.58	14.35	38.45	PASS
N5	15kHz	20MHz	DFT-256QAM	High	Inner_Full	20.46	14.23	38.45	PASS
N5	15kHz	20MHz	CP-QPSK	Low	Inner_1RB_Left	22.73	16.5	38.45	PASS



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N5	15kHz	20MHz	CP-QPSK	Low	Inner_1RB_Right	23.22	16.99	38.45	PASS
N5	15kHz	20MHz	CP-QPSK	Low	Inner_Full	22.88	16.65	38.45	PASS
N5	15kHz	20MHz	CP-QPSK	Mid	Inner_1RB_Left	22.97	16.74	38.45	PASS
N5	15kHz	20MHz	CP-QPSK	Mid	Inner_1RB_Right	23.23	17	38.45	PASS
N5	15kHz	20MHz	CP-QPSK	Mid	Inner_Full	23.43	17.2	38.45	PASS
N5	15kHz	20MHz	CP-QPSK	High	Inner_1RB_Left	22.99	16.76	38.45	PASS
N5	15kHz	20MHz	CP-QPSK	High	Inner_1RB_Right	23.17	16.94	38.45	PASS
N5	15kHz	20MHz	CP-QPSK	High	Inner_Full	23.28	17.05	38.45	PASS
N5	15kHz	20MHz	CP-16QAM	Low	Inner_1RB_Left	22.73	16.5	38.45	PASS
N5	15kHz	20MHz	CP-16QAM	Low	Inner_1RB_Right	22.77	16.54	38.45	PASS
N5	15kHz	20MHz	CP-16QAM	Low	Inner_Full	22.65	16.42	38.45	PASS
N5	15kHz	20MHz	CP-16QAM	Mid	Inner_1RB_Left	22.69	16.46	38.45	PASS
N5	15kHz	20MHz	CP-16QAM	Mid	Inner_1RB_Right	22.76	16.53	38.45	PASS
N5	15kHz	20MHz	CP-16QAM	Mid	Inner_Full	22.92	16.69	38.45	PASS
N5	15kHz	20MHz	CP-16QAM	High	Inner_1RB_Left	22.60	16.37	38.45	PASS
N5	15kHz	20MHz	CP-16QAM	High	Inner_1RB_Right	22.93	16.7	38.45	PASS
N5	15kHz	20MHz	CP-16QAM	High	Inner_Full	22.79	16.56	38.45	PASS
N5	15kHz	20MHz	CP-64QAM	Low	Inner_1RB_Left	21.20	14.97	38.45	PASS
N5	15kHz	20MHz	CP-64QAM	Low	Inner_1RB_Right	21.29	15.06	38.45	PASS
N5	15kHz	20MHz	CP-64QAM	Low	Inner_Full	21.52	15.29	38.45	PASS
N5	15kHz	20MHz	CP-64QAM	Mid	Inner_1RB_Left	21.24	15.01	38.45	PASS
N5	15kHz	20MHz	CP-64QAM	Mid	Inner_1RB_Right	21.22	14.99	38.45	PASS
N5	15kHz	20MHz	CP-64QAM	Mid	Inner_Full	21.59	15.36	38.45	PASS
N5	15kHz	20MHz	CP-64QAM	High	Inner_1RB_Left	21.18	14.95	38.45	PASS
N5	15kHz	20MHz	CP-64QAM	High	Inner_1RB_Right	21.32	15.09	38.45	PASS
N5	15kHz	20MHz	CP-64QAM	High	Inner_Full	21.48	15.25	38.45	PASS
N5	15kHz	20MHz	CP-256QAM	Low	Inner_1RB_Left	18.42	12.19	38.45	PASS
N5	15kHz	20MHz	CP-256QAM	Low	Inner_1RB_Right	18.69	12.46	38.45	PASS
N5	15kHz	20MHz	CP-256QAM	Low	Inner_Full	18.60	12.37	38.45	PASS
N5	15kHz	20MHz	CP-256QAM	Mid	Inner_1RB_Left	18.74	12.51	38.45	PASS
N5	15kHz	20MHz	CP-256QAM	Mid	Inner_1RB_Right	18.72	12.49	38.45	PASS
N5	15kHz	20MHz	CP-256QAM	Mid	Inner_Full	18.68	12.45	38.45	PASS
N5	15kHz	20MHz	CP-256QAM	High	Inner_1RB_Left	18.70	12.47	38.45	PASS
N5	15kHz	20MHz	CP-256QAM	High	Inner_1RB_Right	18.63	12.4	38.45	PASS
N5	15kHz	20MHz	CP-256QAM	High	Inner_Full	18.59	12.36	38.45	PASS

Note:

a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{EIRP [dBm]} = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$

$$\text{ERP [dBm]} = \text{Conducted Power [dBm]} + \text{Gain [dBi]} - 2.15$$



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**Peak-to-Average Ratio(CCDF) for SA
Test Result**

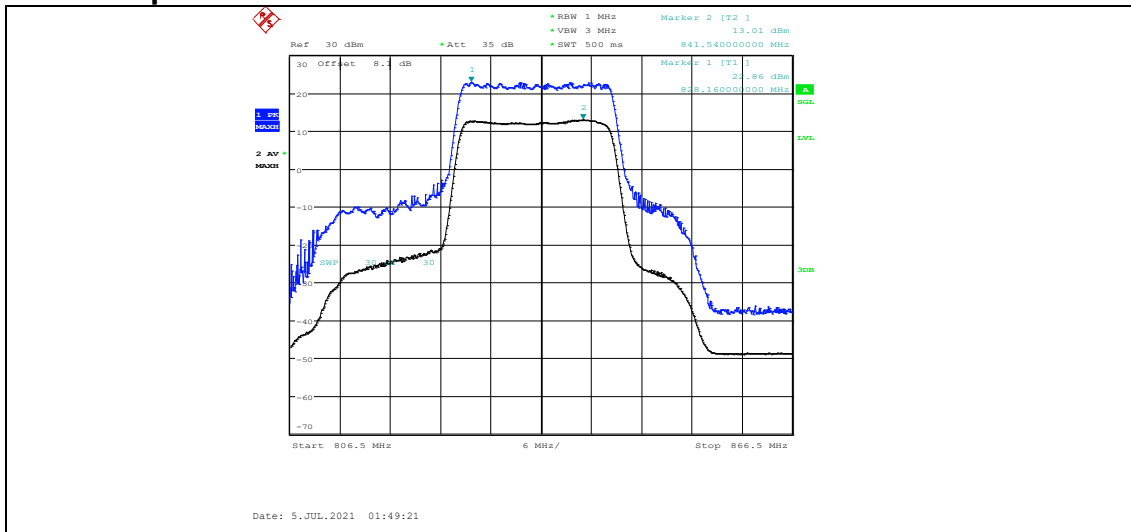
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N5	15kHz	20MHz	DFT-PI2BPSK	Mid	Outer_Full	9.85	≤13	PASS
N5	15kHz	20MHz	CP-QPSK	Mid	Outer_Full	11.4	≤13	PASS



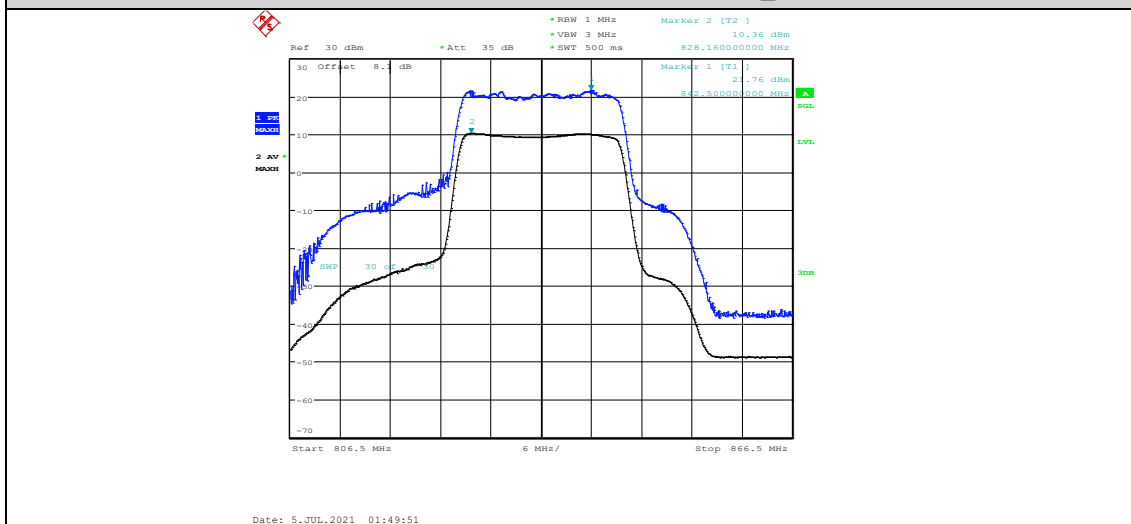
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Test Graphs



NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-Mid-Outer_Full----≤13-PASS



NTNV-N5-15kHz-20MHz-CP-QPSK-Mid-Outer_Full----≤13-PASS

REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report.



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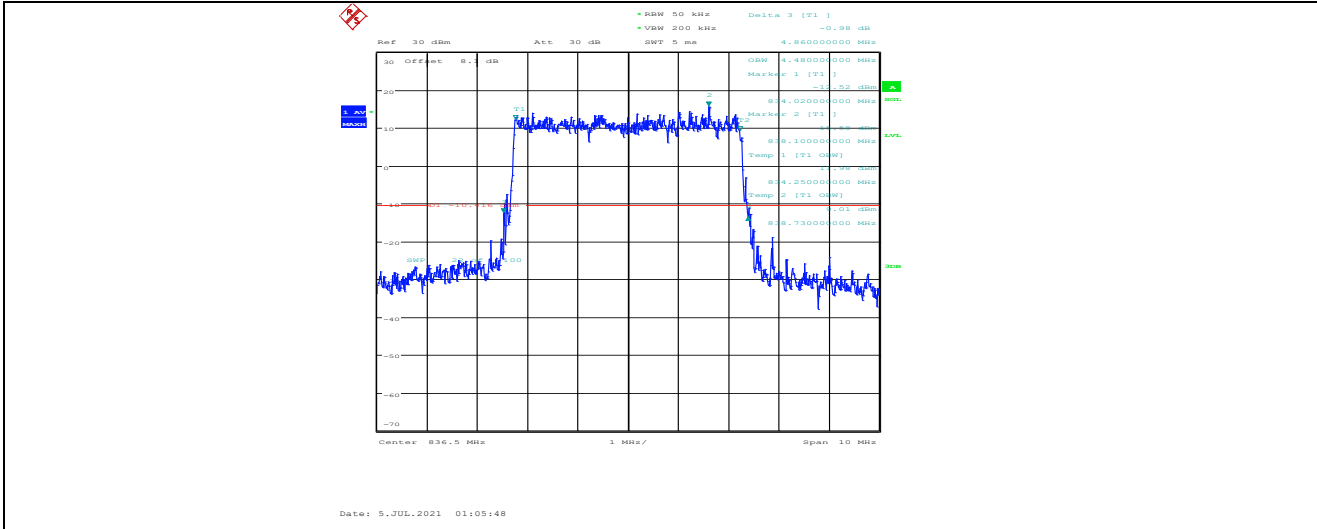
**26dB Bandwidth and Occupied Bandwidth for SA
Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Result	Verdict
N5	15kHz	5MHz	DFT-PI2BPSK	Mid	Outer_Full	4.48	4.860	PASS
N5	15kHz	5MHz	DFT-QPSK	Mid	Outer_Full	4.47	4.870	PASS
N5	15kHz	5MHz	DFT-16QAM	Mid	Outer_Full	4.45	4.800	PASS
N5	15kHz	5MHz	DFT-64QAM	Mid	Outer_Full	4.47	4.780	PASS
N5	15kHz	5MHz	DFT-256QAM	Mid	Outer_Full	4.46	4.770	PASS
N5	15kHz	5MHz	CP-QPSK	Mid	Outer_Full	4.47	4.760	PASS
N5	15kHz	5MHz	CP-16QAM	Mid	Outer_Full	4.46	4.770	PASS
N5	15kHz	5MHz	CP-64QAM	Mid	Outer_Full	4.46	4.760	PASS
N5	15kHz	5MHz	CP-256QAM	Mid	Outer_Full	4.48	4.690	PASS
N5	15kHz	10MHz	DFT-PI2BPSK	Mid	Outer_Full	8.94	9.340	PASS
N5	15kHz	10MHz	DFT-QPSK	Mid	Outer_Full	8.98	9.460	PASS
N5	15kHz	10MHz	DFT-16QAM	Mid	Outer_Full	8.94	9.420	PASS
N5	15kHz	10MHz	DFT-64QAM	Mid	Outer_Full	8.92	9.440	PASS
N5	15kHz	10MHz	DFT-256QAM	Mid	Outer_Full	8.96	9.360	PASS
N5	15kHz	10MHz	CP-QPSK	Mid	Outer_Full	9.3	9.740	PASS
N5	15kHz	10MHz	CP-16QAM	Mid	Outer_Full	9.28	9.780	PASS
N5	15kHz	10MHz	CP-64QAM	Mid	Outer_Full	9.32	9.860	PASS
N5	15kHz	10MHz	CP-256QAM	Mid	Outer_Full	9.28	9.720	PASS
N5	15kHz	15MHz	DFT-PI2BPSK	Mid	Outer_Full	13.41	14.160	PASS
N5	15kHz	15MHz	DFT-QPSK	Mid	Outer_Full	13.44	14.100	PASS
N5	15kHz	15MHz	DFT-16QAM	Mid	Outer_Full	13.44	14.220	PASS
N5	15kHz	15MHz	DFT-64QAM	Mid	Outer_Full	13.47	14.160	PASS
N5	15kHz	15MHz	DFT-256QAM	Mid	Outer_Full	13.47	14.100	PASS
N5	15kHz	15MHz	CP-QPSK	Mid	Outer_Full	14.16	14.790	PASS
N5	15kHz	15MHz	CP-16QAM	Mid	Outer_Full	14.16	14.790	PASS
N5	15kHz	15MHz	CP-64QAM	Mid	Outer_Full	14.16	14.820	PASS
N5	15kHz	15MHz	CP-256QAM	Mid	Outer_Full	14.22	14.940	PASS
N5	15kHz	20MHz	DFT-PI2BPSK	Mid	Outer_Full	17.84	18.680	PASS
N5	15kHz	20MHz	DFT-QPSK	Mid	Outer_Full	17.88	18.600	PASS
N5	15kHz	20MHz	DFT-16QAM	Mid	Outer_Full	17.88	18.640	PASS
N5	15kHz	20MHz	DFT-64QAM	Mid	Outer_Full	17.88	18.640	PASS
N5	15kHz	20MHz	DFT-256QAM	Mid	Outer_Full	17.88	18.880	PASS
N5	15kHz	20MHz	CP-QPSK	Mid	Outer_Full	18.96	19.680	PASS
N5	15kHz	20MHz	CP-16QAM	Mid	Outer_Full	18.96	19.720	PASS
N5	15kHz	20MHz	CP-64QAM	Mid	Outer_Full	18.96	19.760	PASS
N5	15kHz	20MHz	CP-256QAM	Mid	Outer_Full	18.92	19.800	PASS

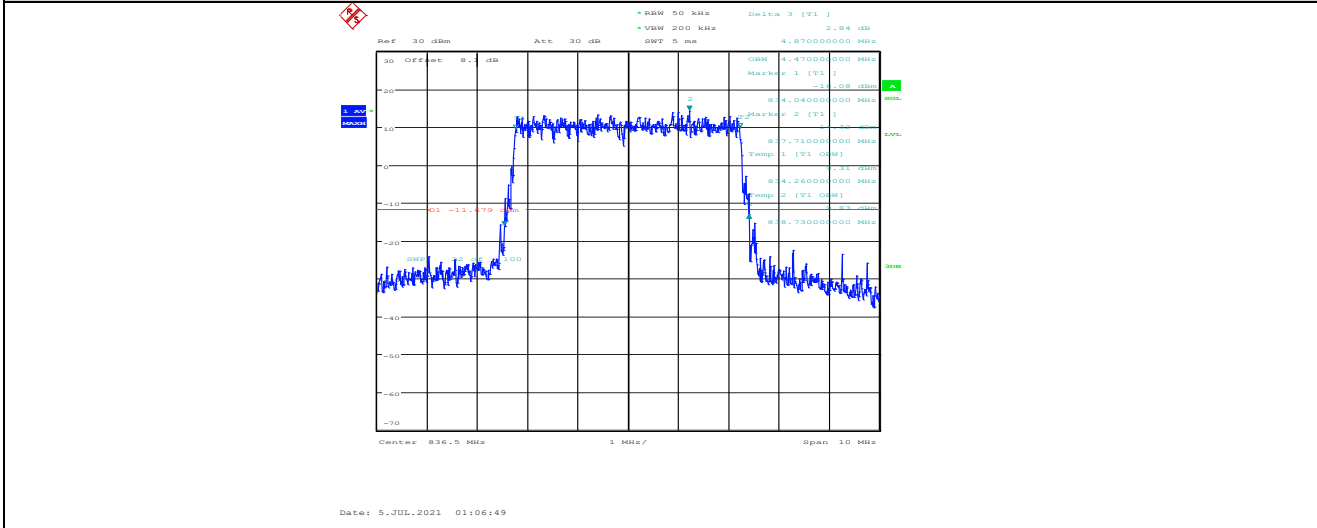


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Test Graphs



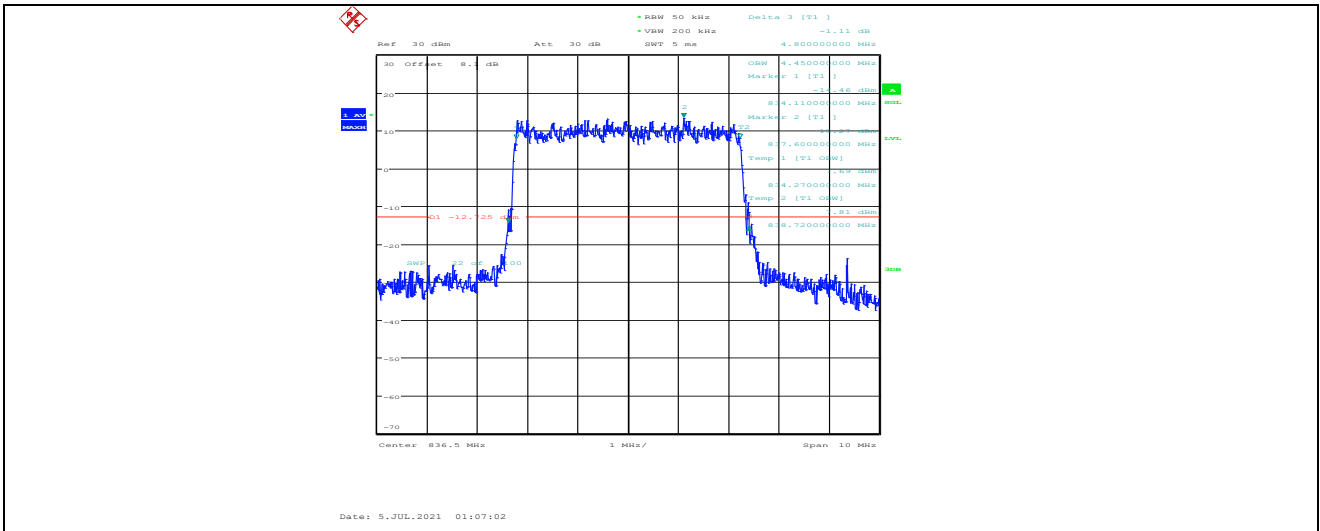
NTNV-N5-15kHz-5MHz-DFT-PI2BPSK-Mid-Outer_Full---PASS



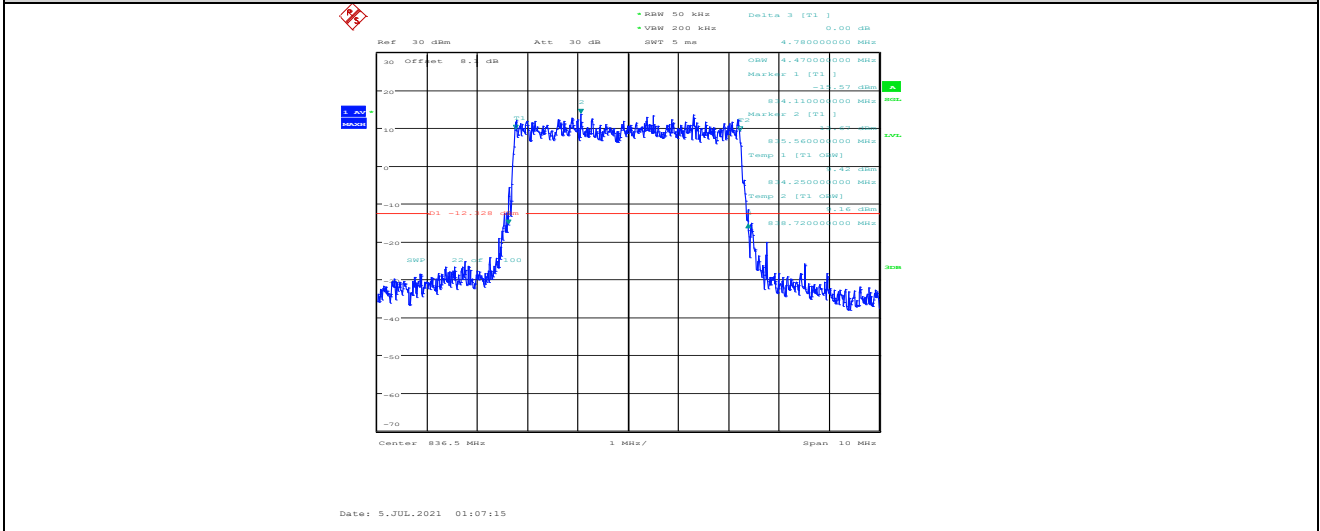
NTNV-N5-15kHz-5MHz-DFT-QPSK-Mid-Outer_Full---PASS



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NTNV-N5-15kHz-5MHz-DFT-16QAM-Mid-Outer_Full---PASS

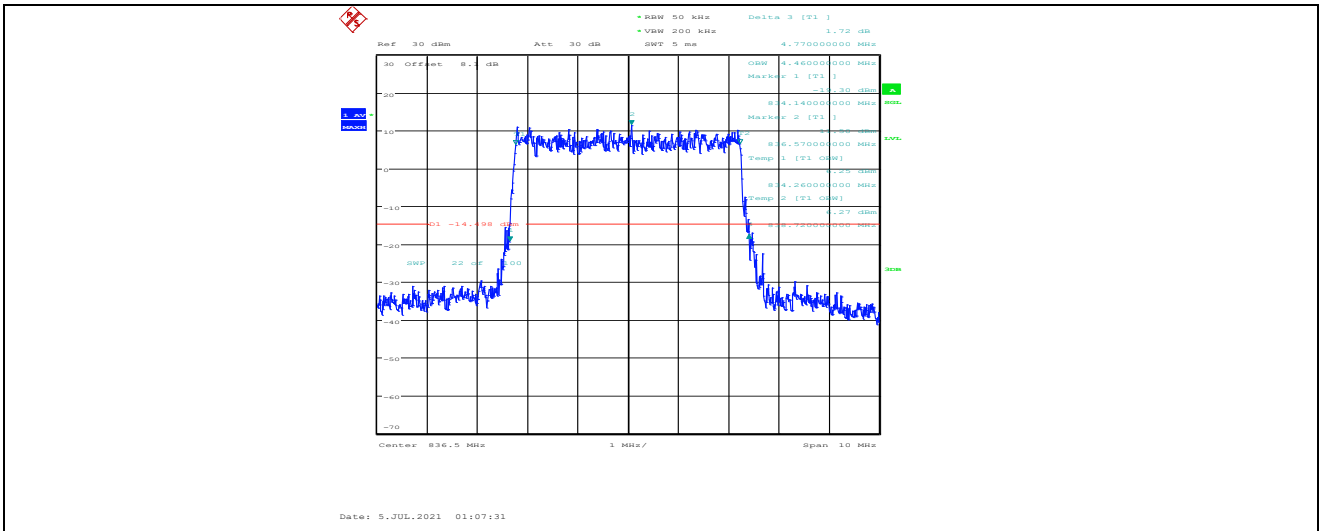


NTNV-N5-15kHz-5MHz-DFT-64QAM-Mid-Outer_Full---PASS

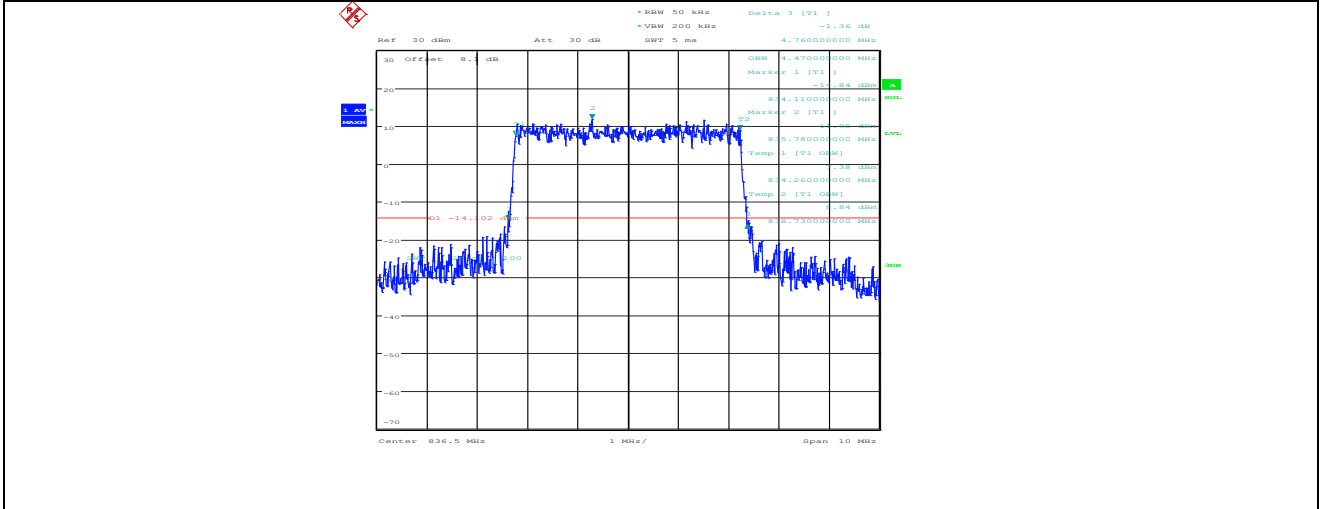


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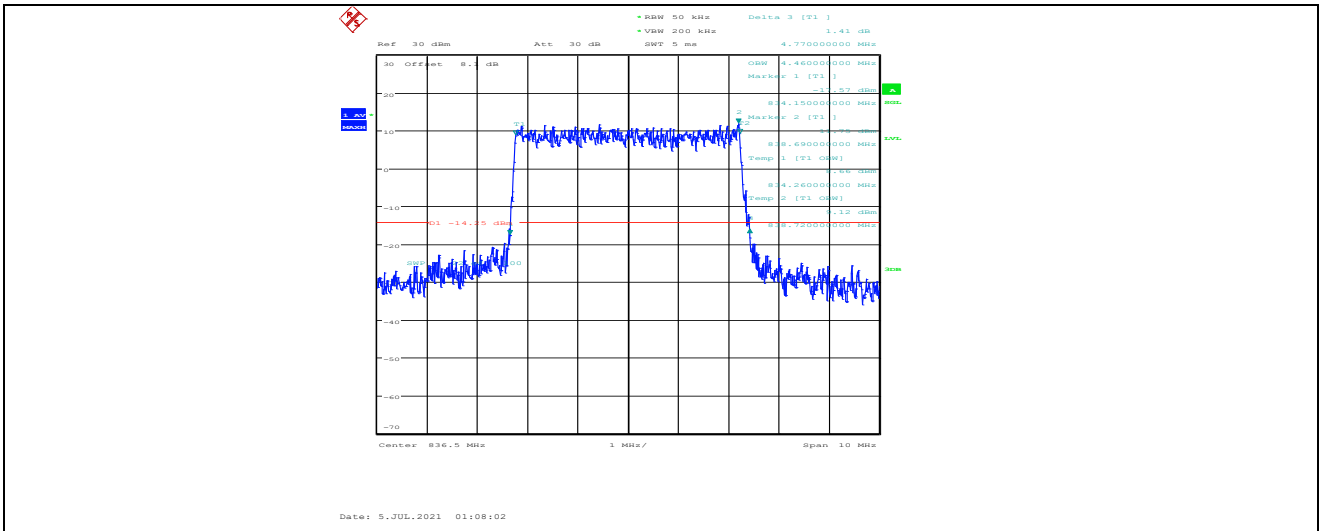
NTNV-N5-15kHz-5MHz-DFT-256QAM-Mid-Outer_Full---PASS



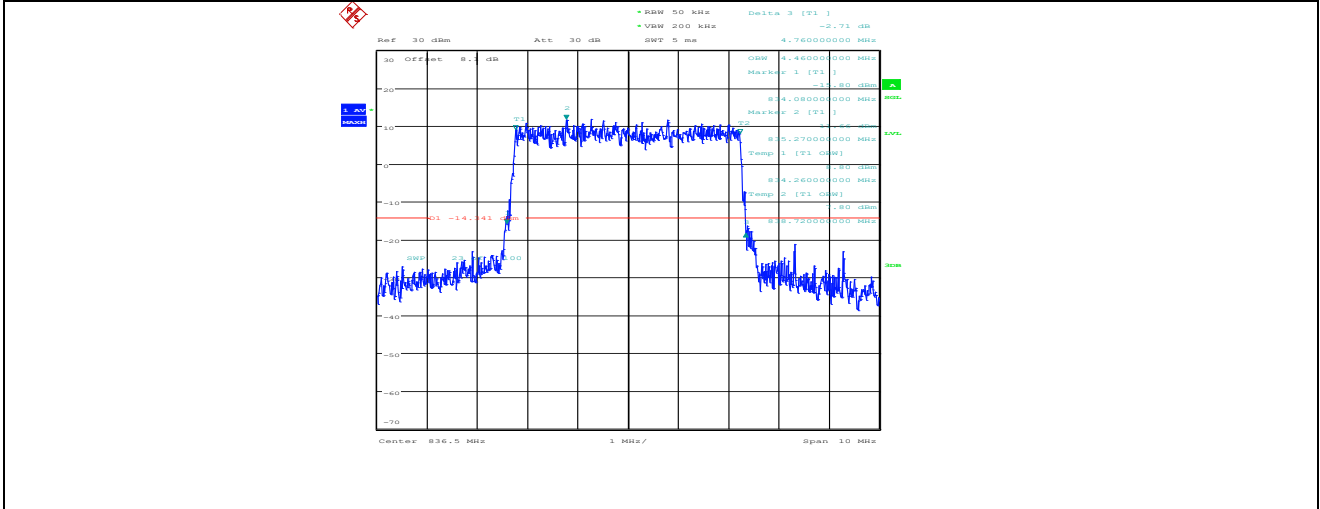
NTNV-N5-15kHz-5MHz-CP-QPSK-Mid-Outer_Full---PASS



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NTVN-N5-15kHz-5MHz-CP-16QAM-Mid-Outer_Full---PASS

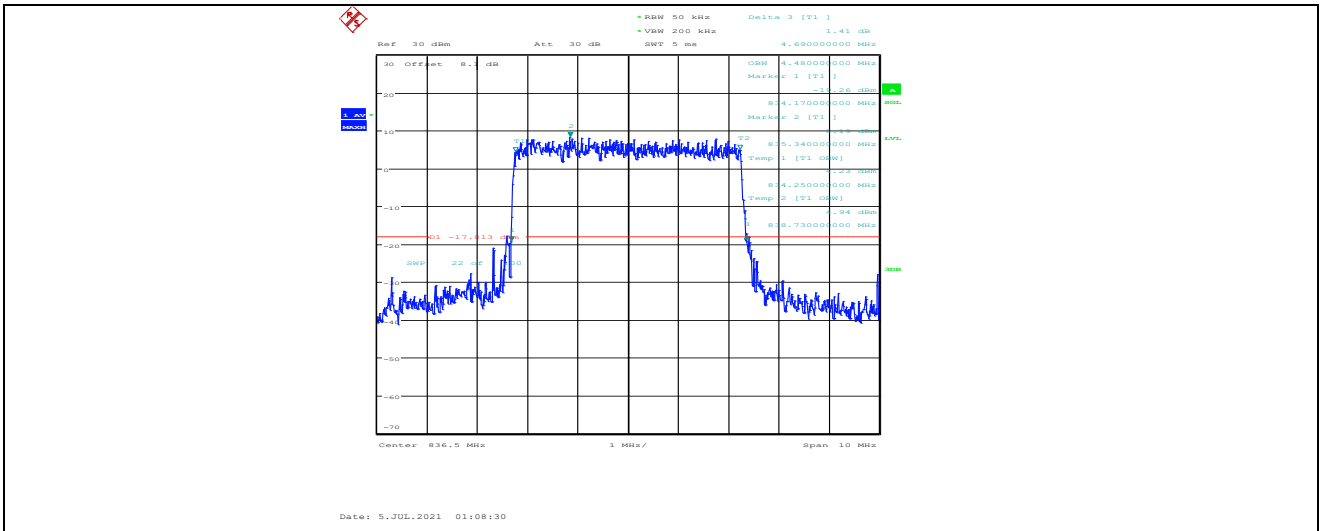


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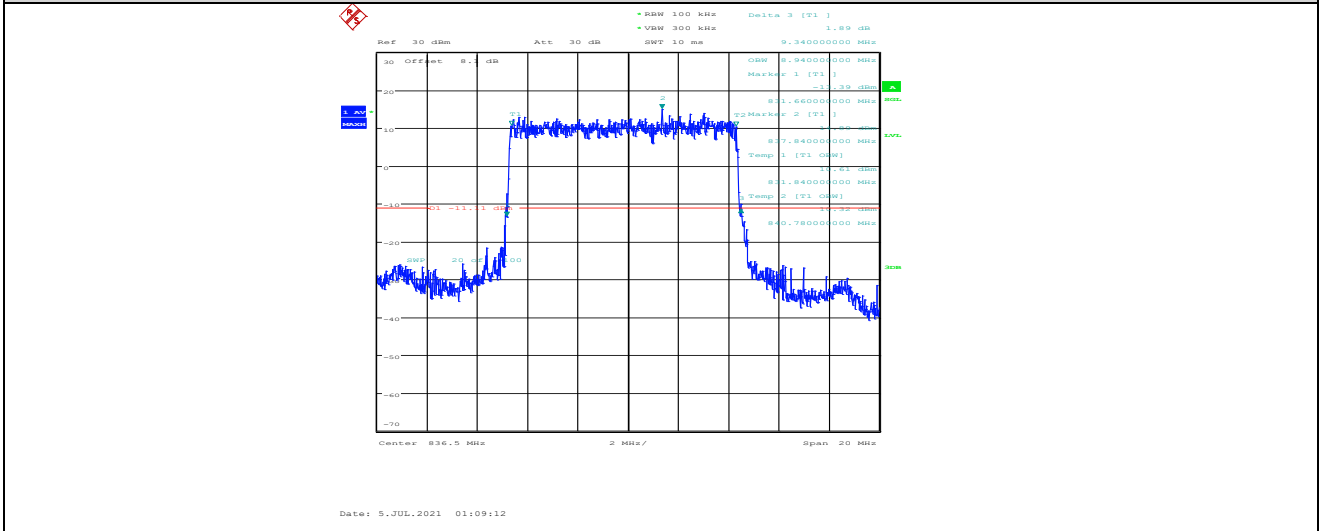


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NTNV-N5-15kHz-5MHz-CP-256QAM-Mid-Outer_Full---PASS

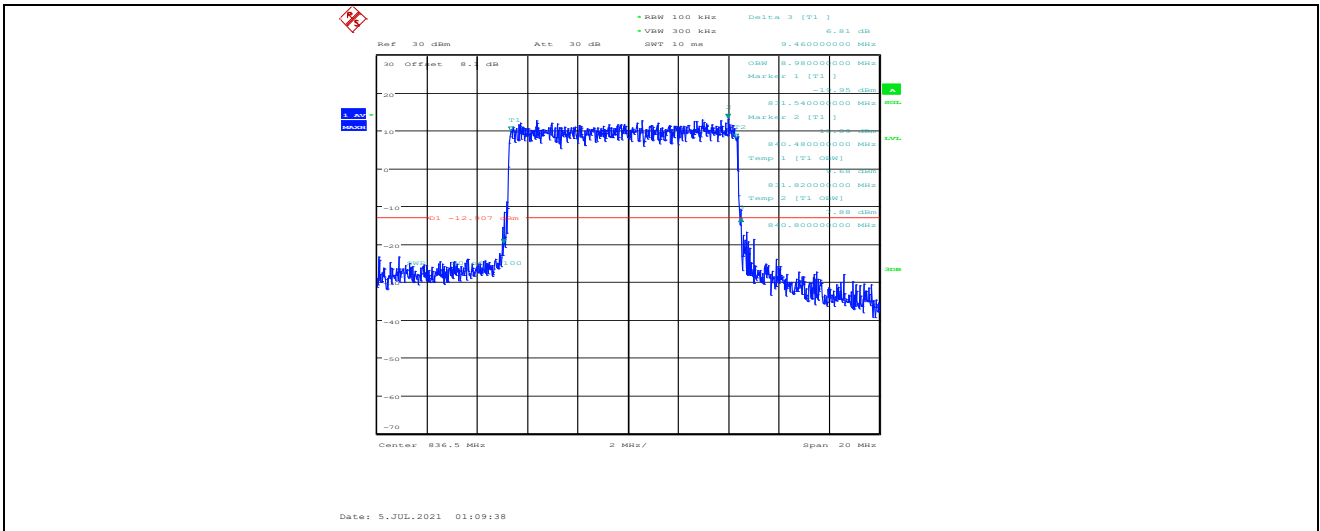


NTNV-N5-15kHz-10MHz-DFT-PI2BPSK-Mid-Outer_Full---PASS

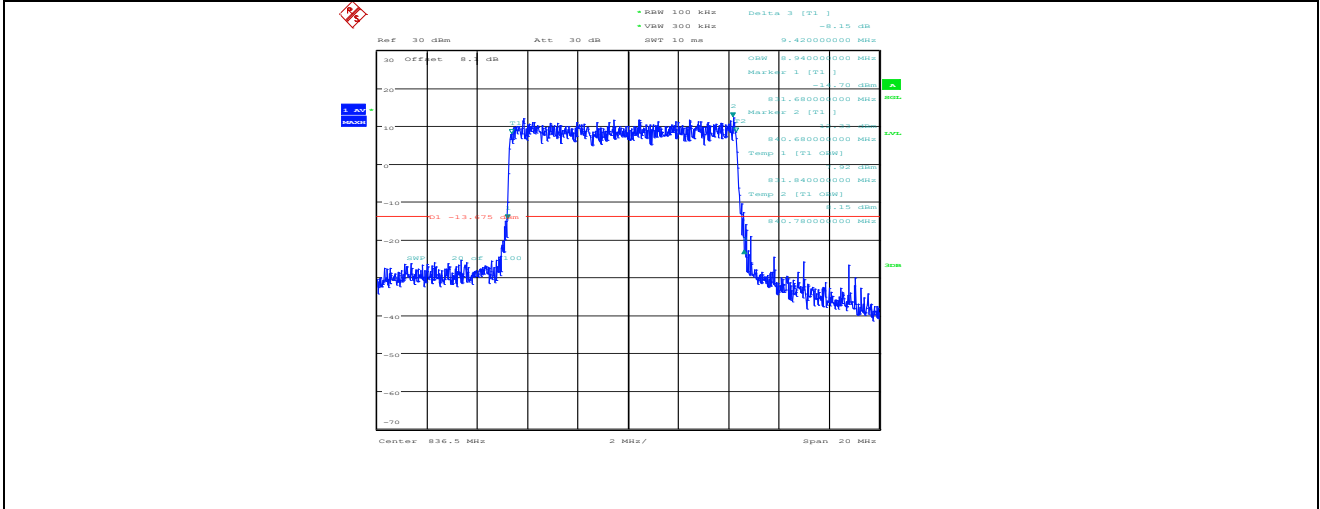


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NTNV-N5-15kHz-10MHz-DFT-QPSK-Mid-Outer_Full---PASS

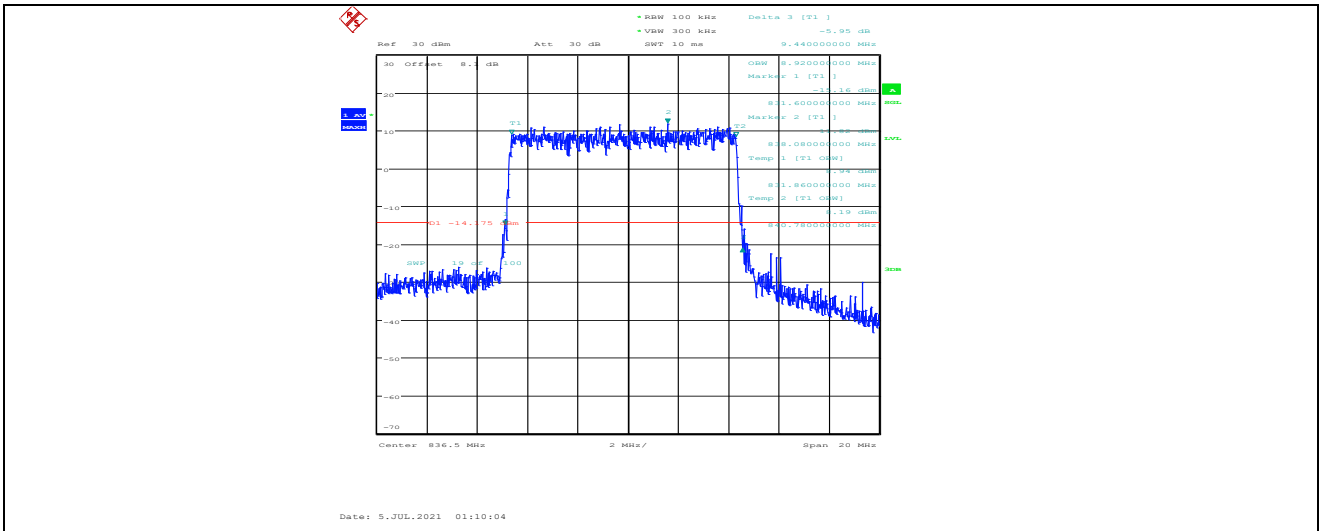


NTNV-N5-15kHz-10MHz-DFT-16QAM-Mid-Outer_Full---PASS

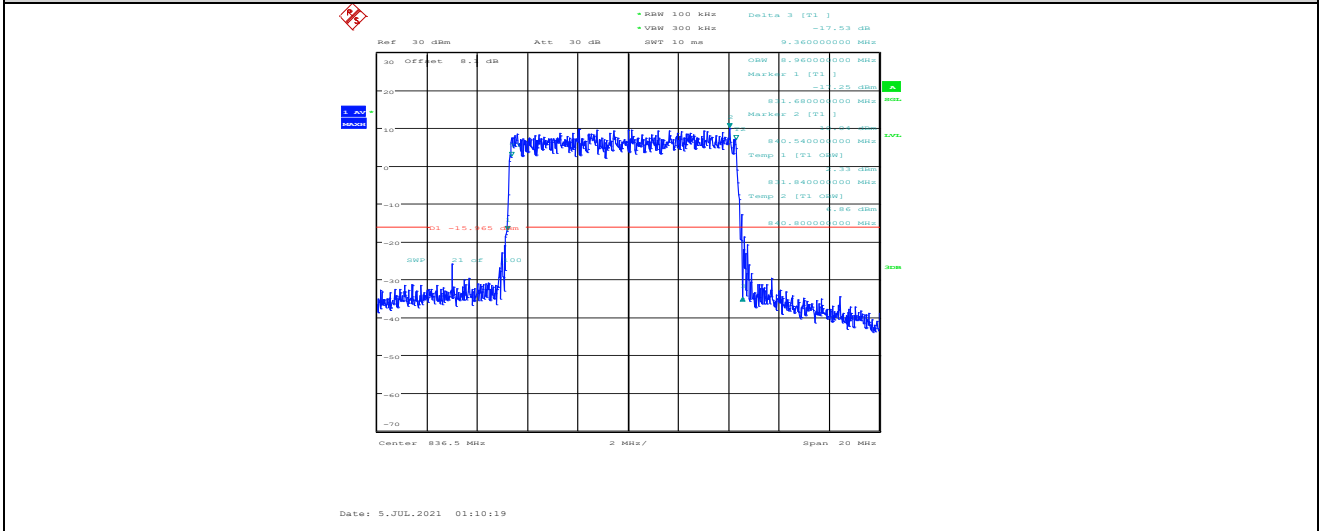


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NTNV-N5-15kHz-10MHz-DFT-64QAM-Mid-Outer_Full---PASS

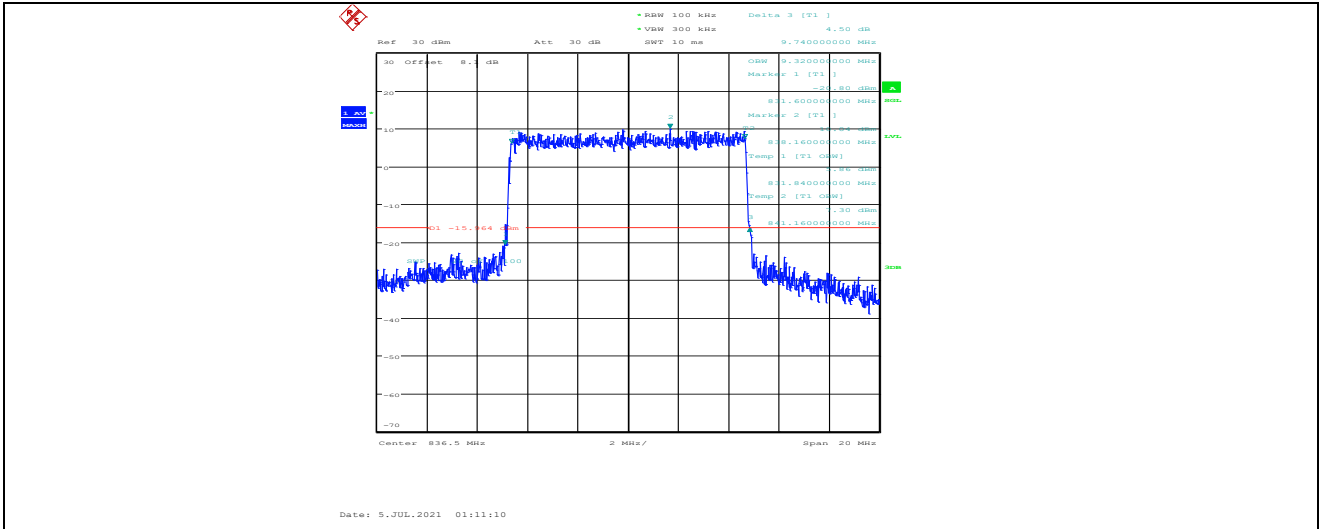


NTNV-N5-15kHz-10MHz-DFT-256QAM-Mid-Outer_Full---PASS

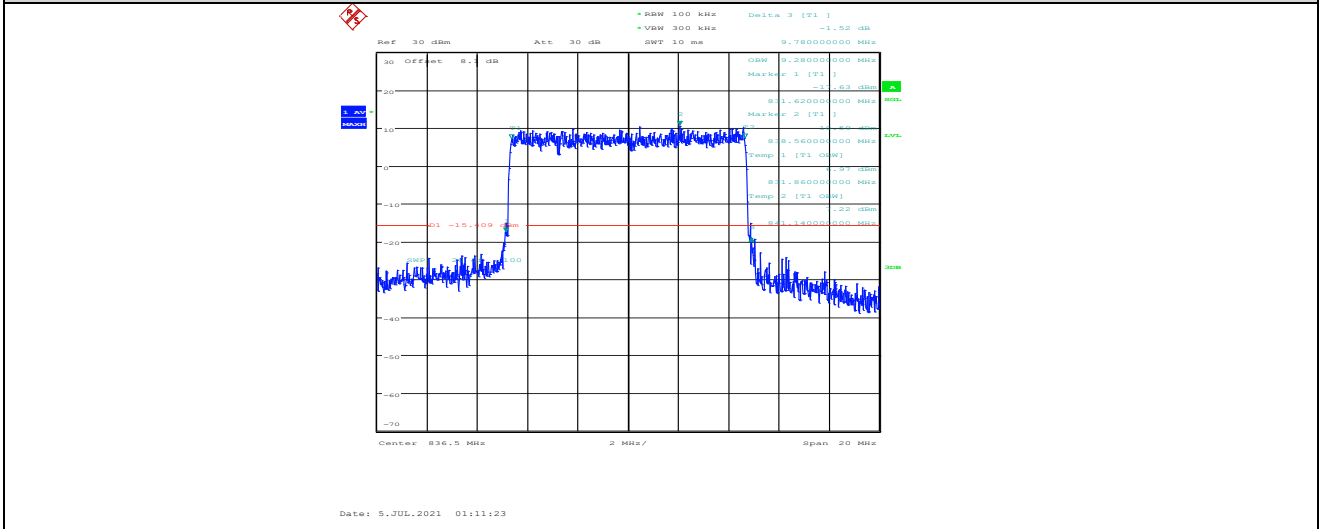


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NTNV-N5-15kHz-10MHz-CP-QPSK-Mid-Outer_Full---PASS

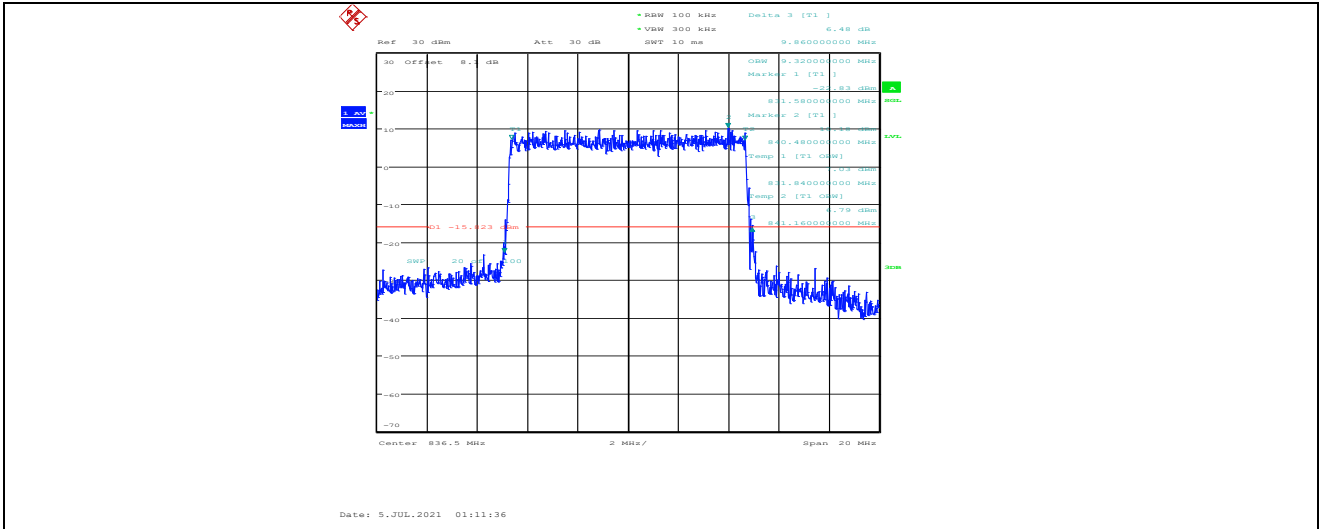


NTNV-N5-15kHz-10MHz-CP-16QAM-Mid-Outer_Full---PASS

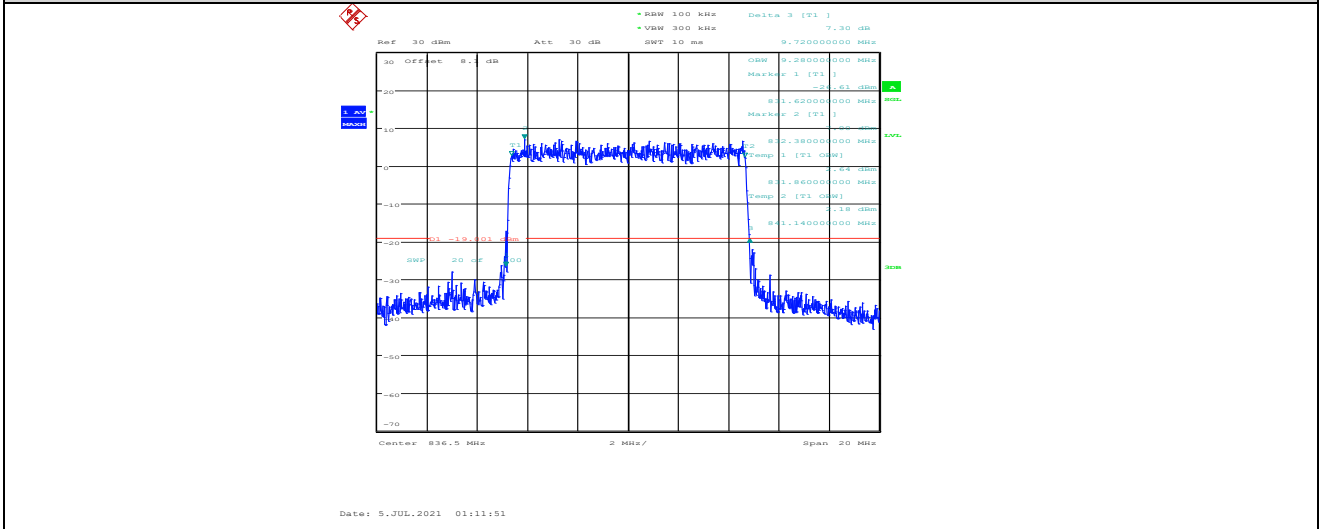


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NTNV-N5-15kHz-10MHz-CP-64QAM-Mid-Outer_Full---PASS

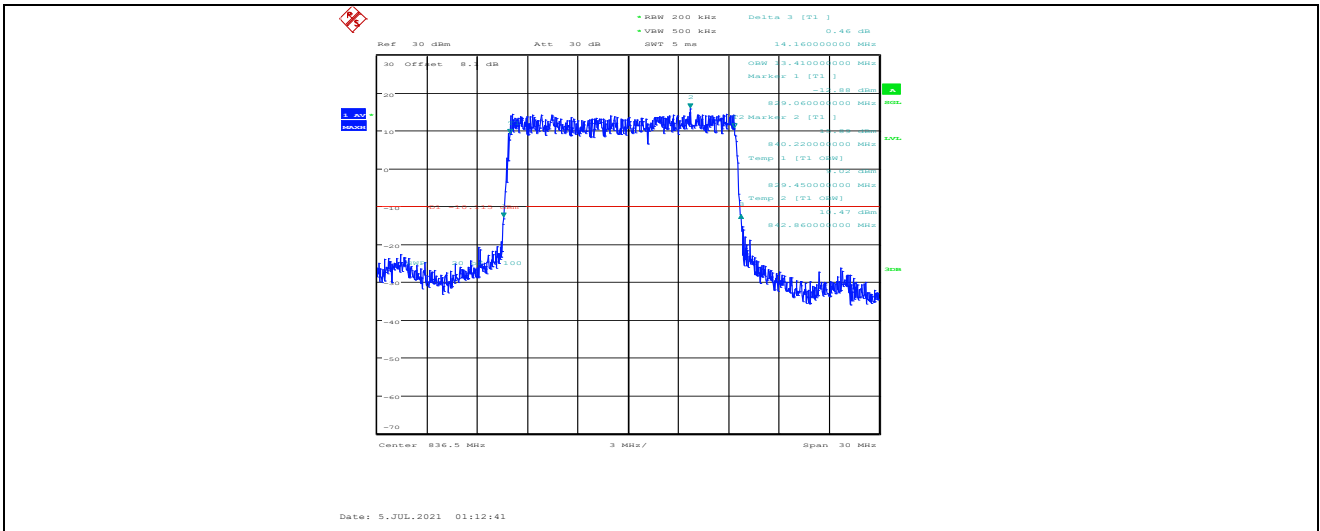


NTNV-N5-15kHz-10MHz-CP-256QAM-Mid-Outer_Full---PASS

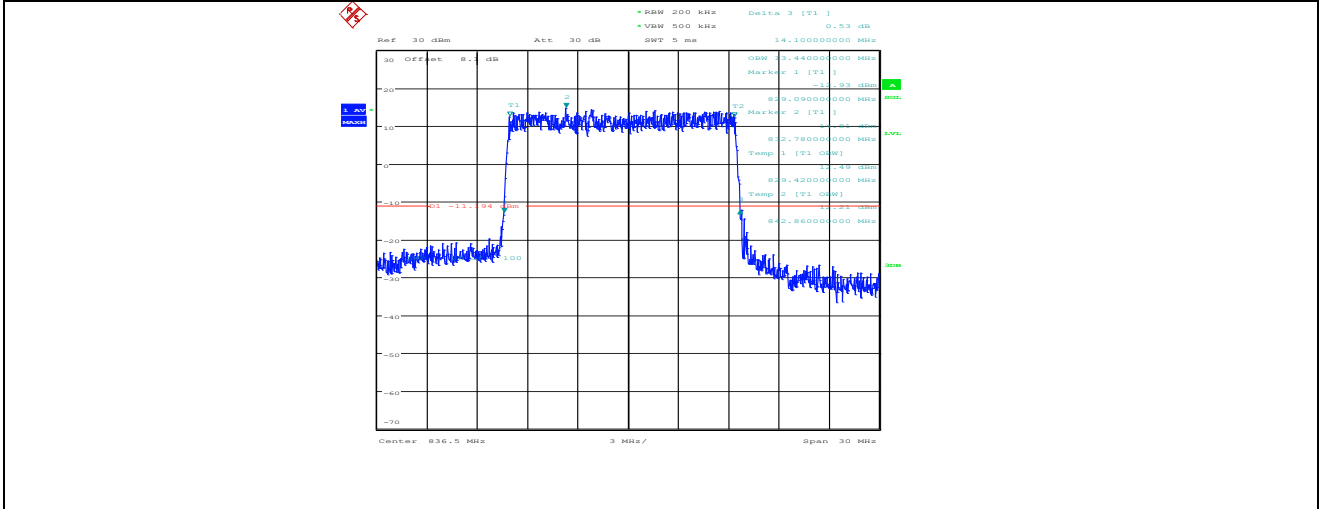


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NTNV-N5-15kHz-15MHz-DFT-PI2BPSK-Mid-Outer_Full---PASS

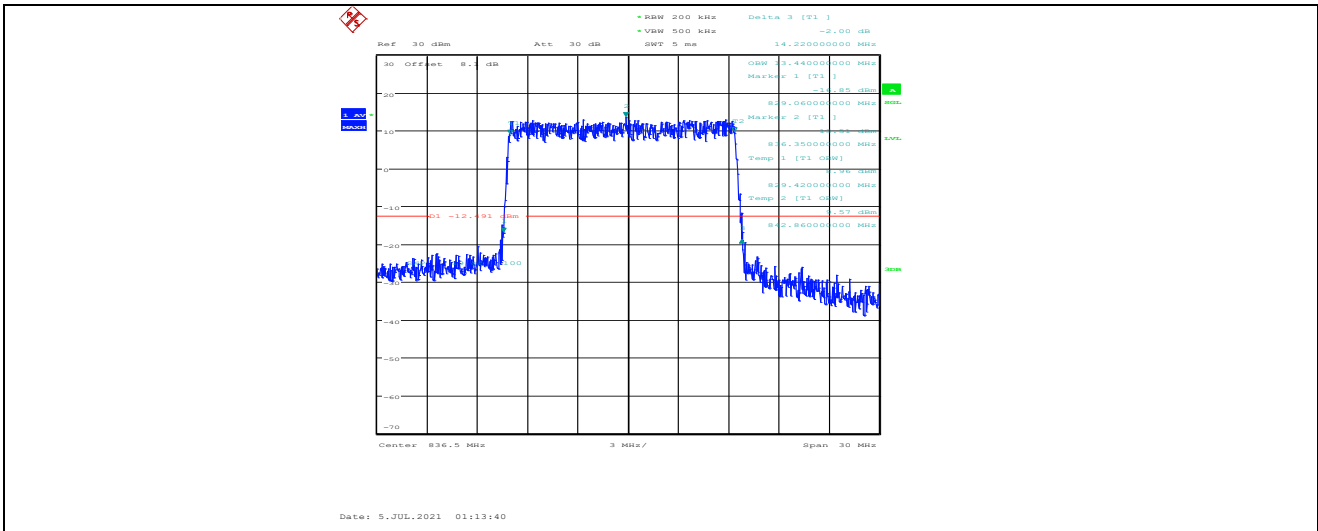


NTNV-N5-15kHz-15MHz-DFT-QPSK-Mid-Outer_Full---PASS

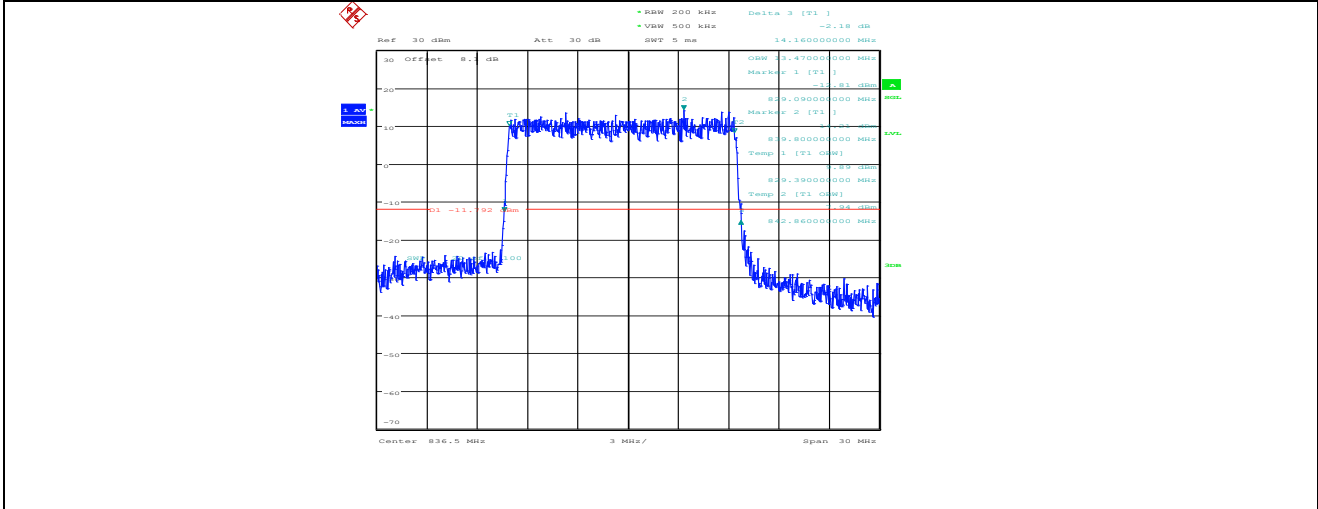


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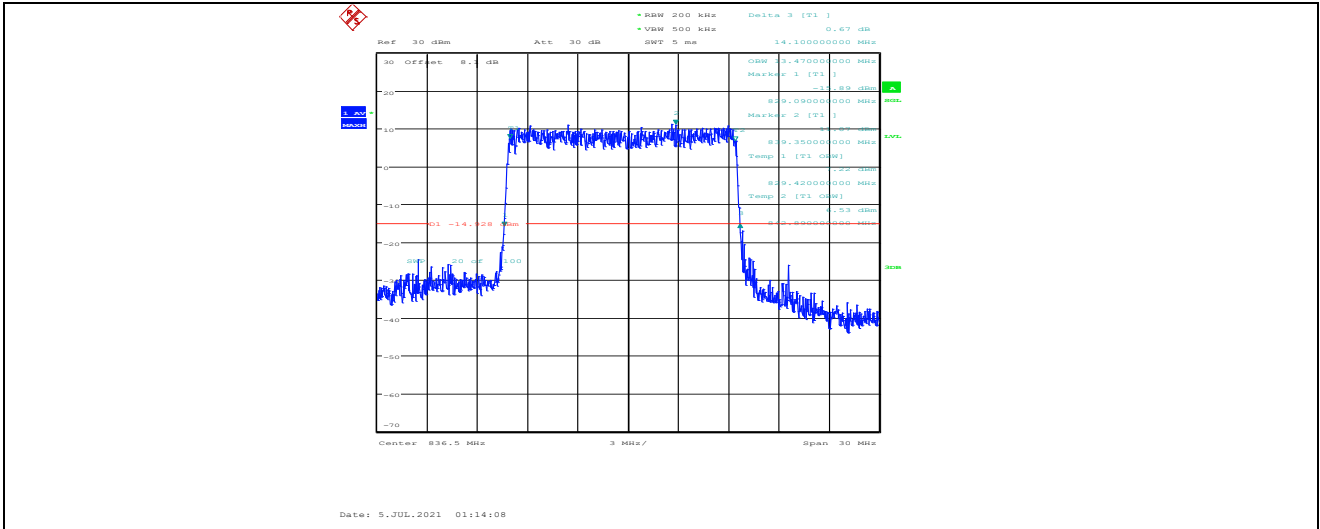
NTNV-N5-15kHz-15MHz-DFT-16QAM-Mid-Outer_Full---PASS



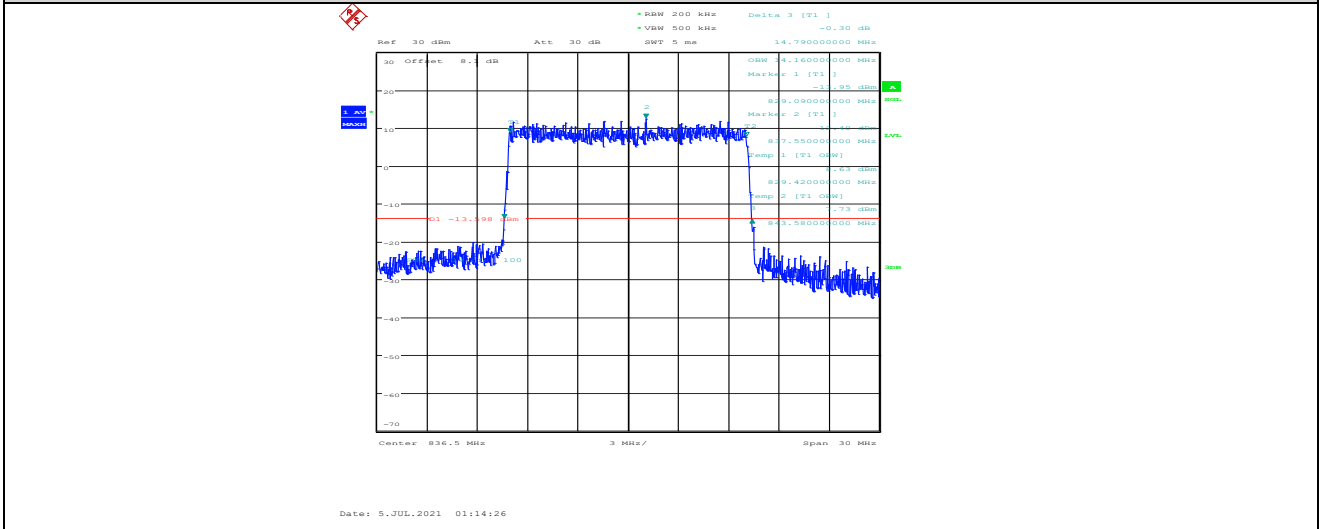
NTNV-N5-15kHz-15MHz-DFT-64QAM-Mid-Outer_Full---PASS



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NTNV-N5-15kHz-15MHz-DFT-256QAM-Mid-Outer_Full---PASS

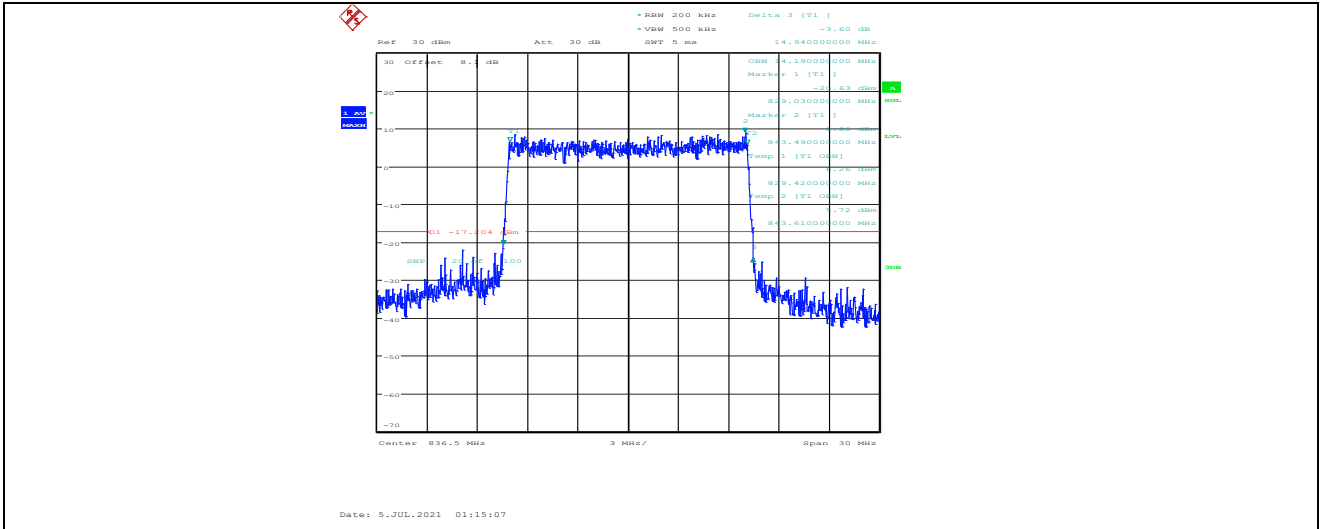


NTNV-N5-15kHz-15MHz-CP-QPSK-Mid-Outer_Full---PASS

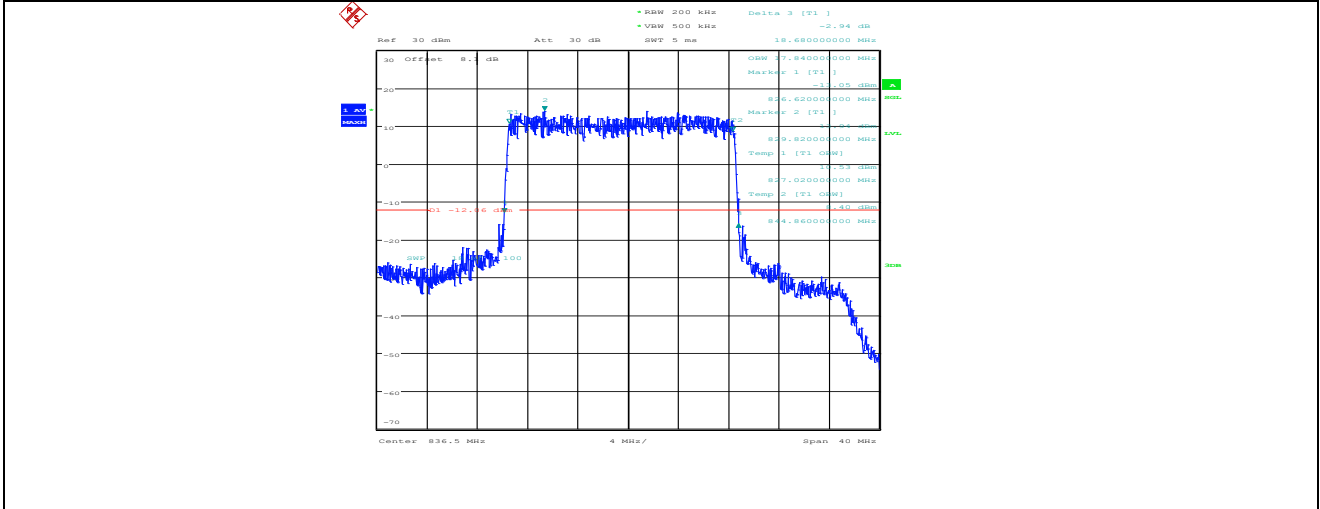


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NTNV-N5-15kHz-15MHz-CP-256QAM-Mid-Outer_Full---PASS

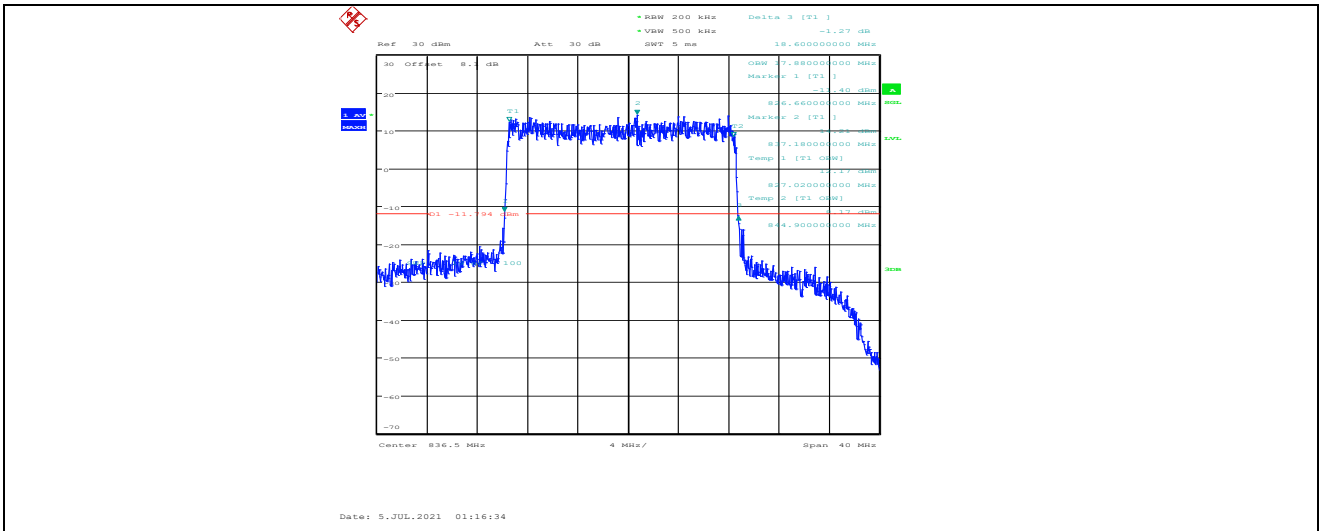


NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-Mid-Outer_Full---PASS

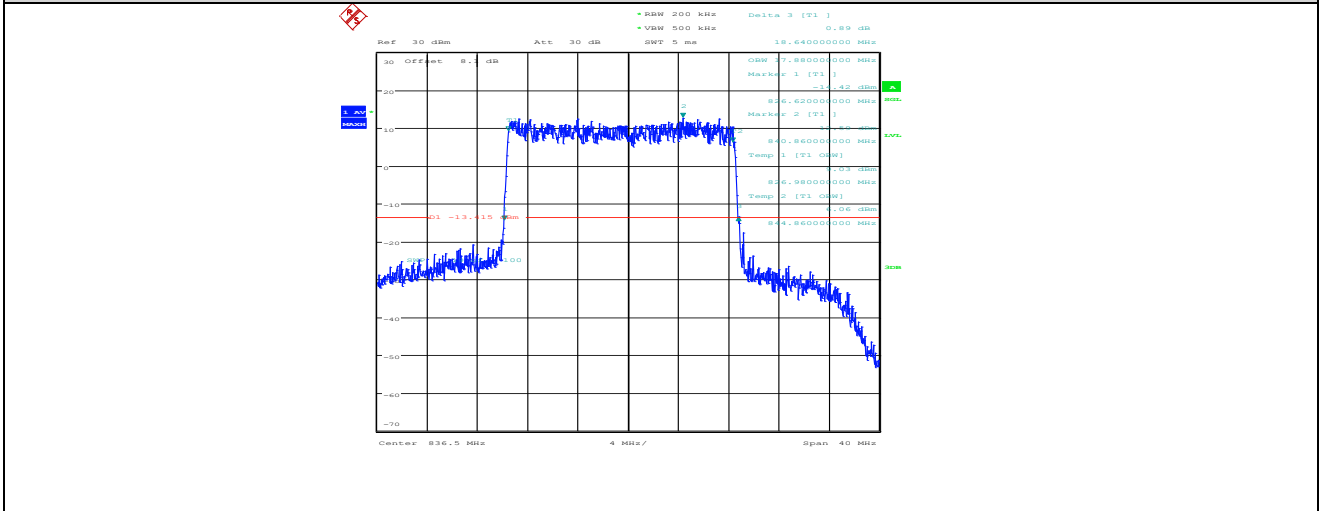


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NTNV-N5-15kHz-20MHz-DFT-QPSK-Mid-Outer_Full---PASS

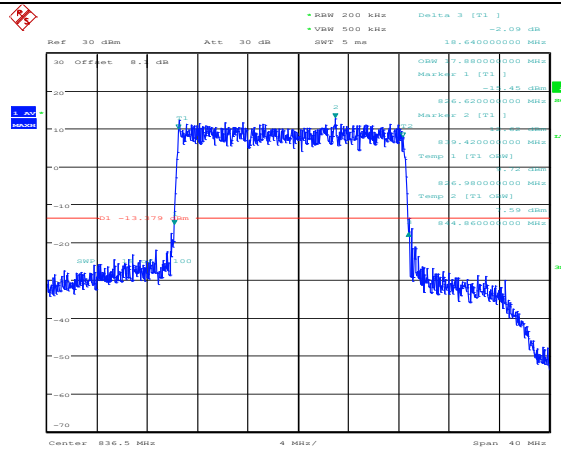


NTNV-N5-15kHz-20MHz-DFT-16QAM-Mid-Outer_Full---PASS



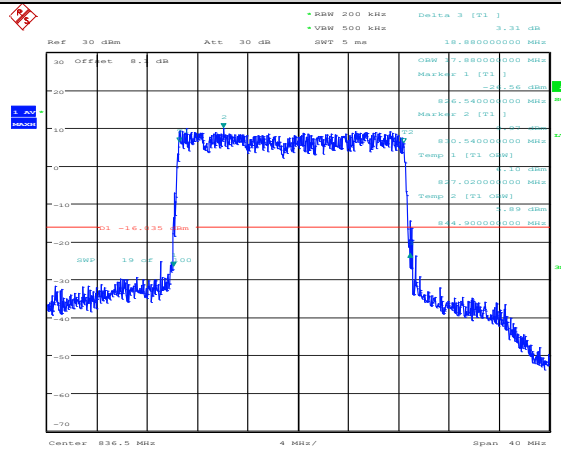
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Date: 5.JUL.2021 01:16:59

NTNV-N5-15kHz-20MHz-DFT-64QAM-Mid-Outer_Full---PASS



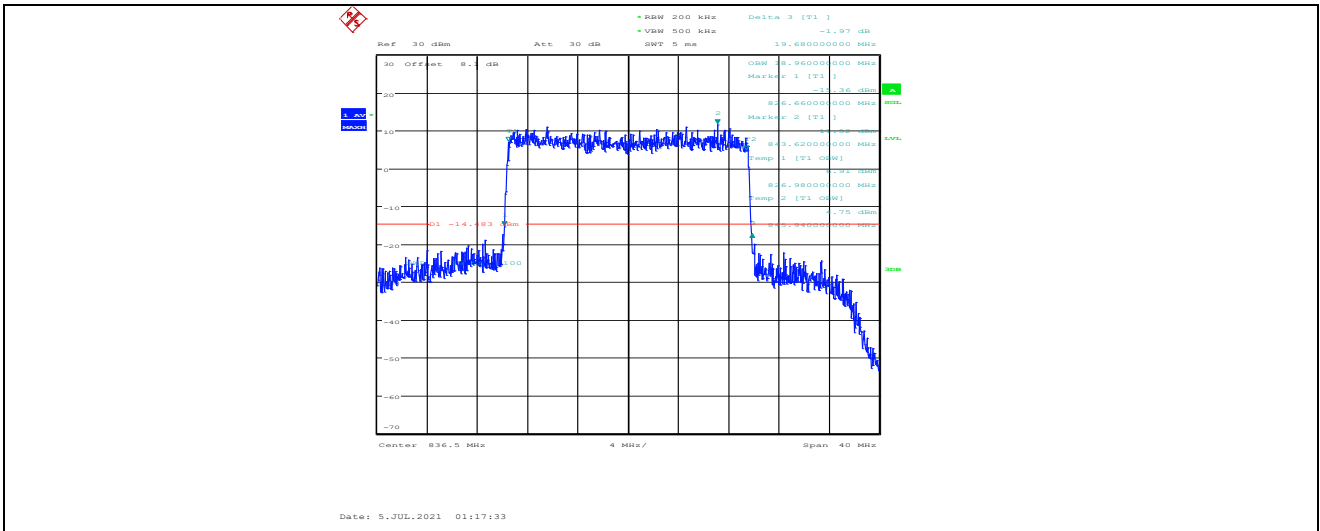
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NTNV-N5-15kHz-20MHz-DFT-256QAM-Mid-Outer_Full---PASS

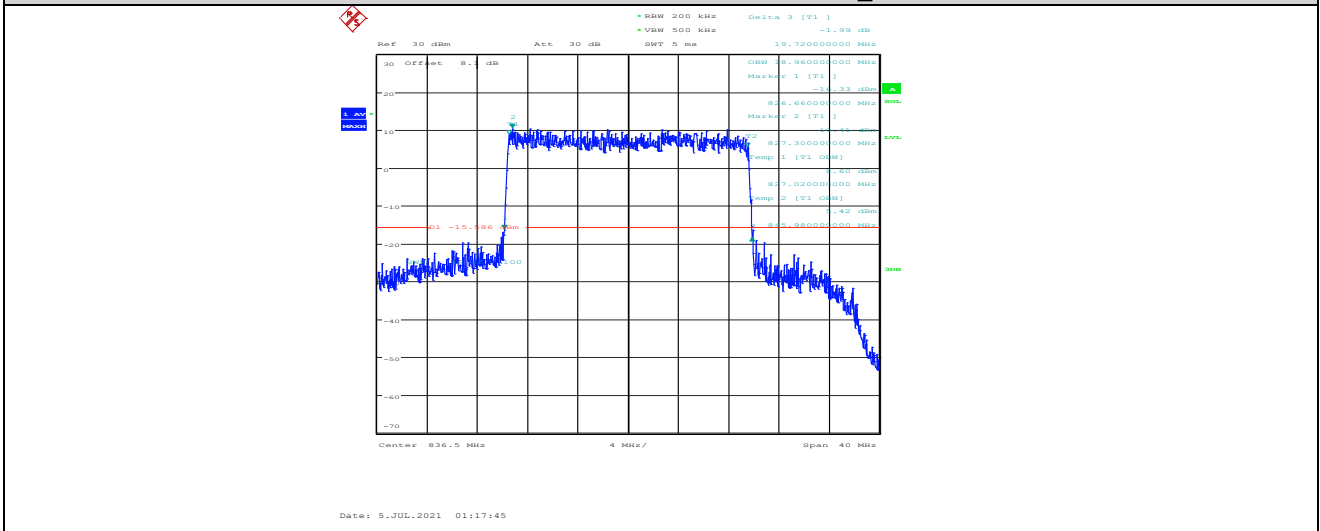


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NTNV-N5-15kHz-20MHz-CP-QPSK-Mid-Outer_Full---PASS

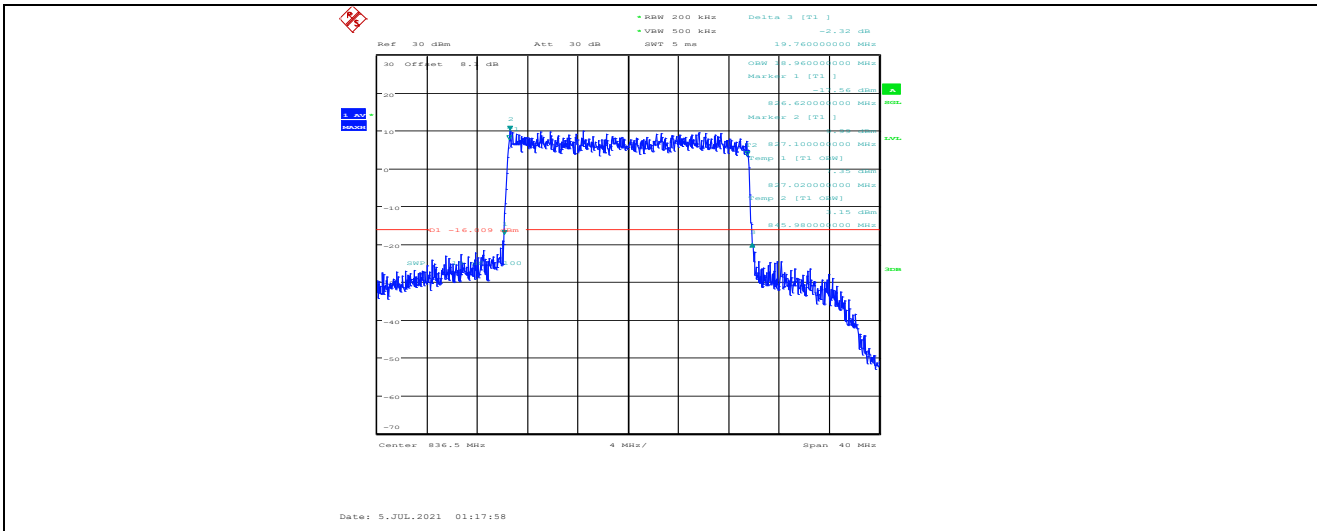


NTNV-N5-15kHz-20MHz-CP-16QAM-Mid-Outer_Full---PASS

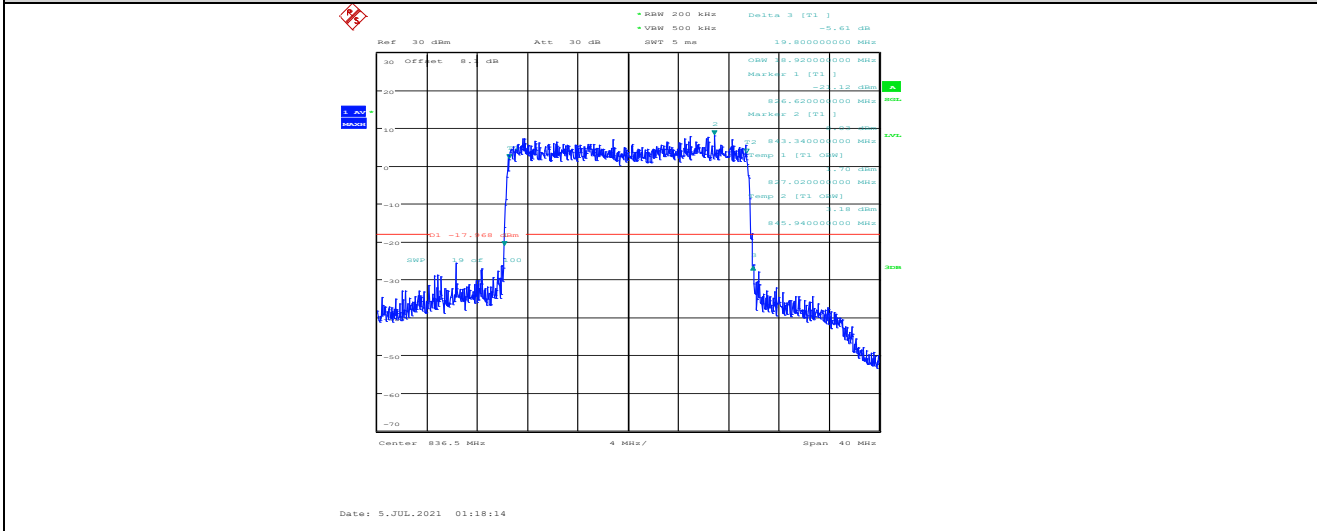


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NTNV-N5-15kHz-20MHz-CP-64QAM-Mid-Outer_Full---PASS



NTNV-N5-15kHz-20MHz-CP-256QAM-Mid-Outer_Full---PASS

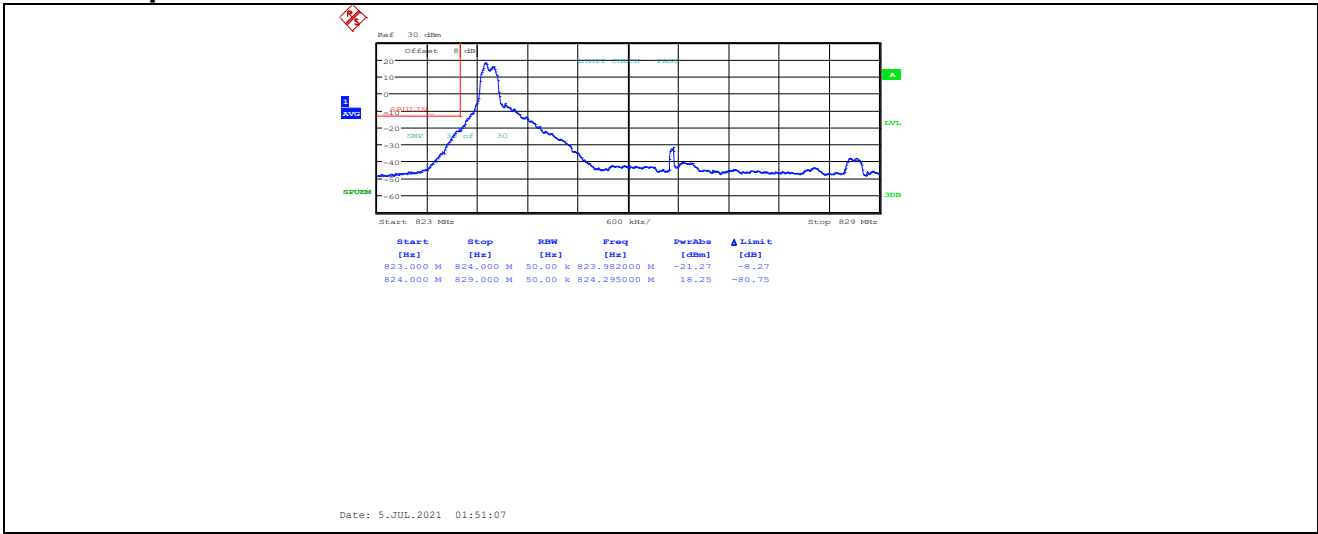
REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report.

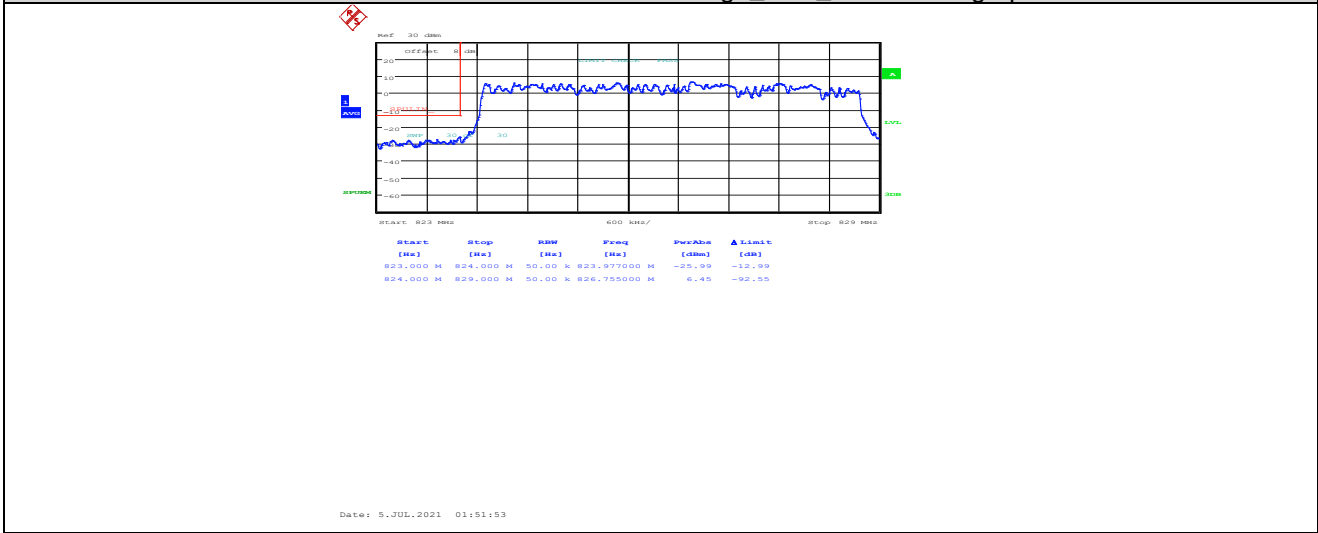


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Band Edge for SA Test Graphs



NTV-N5-15kHz-5MHz-DFT-BPSK-Low-Edge_1RB_Left-----see graph-PASS

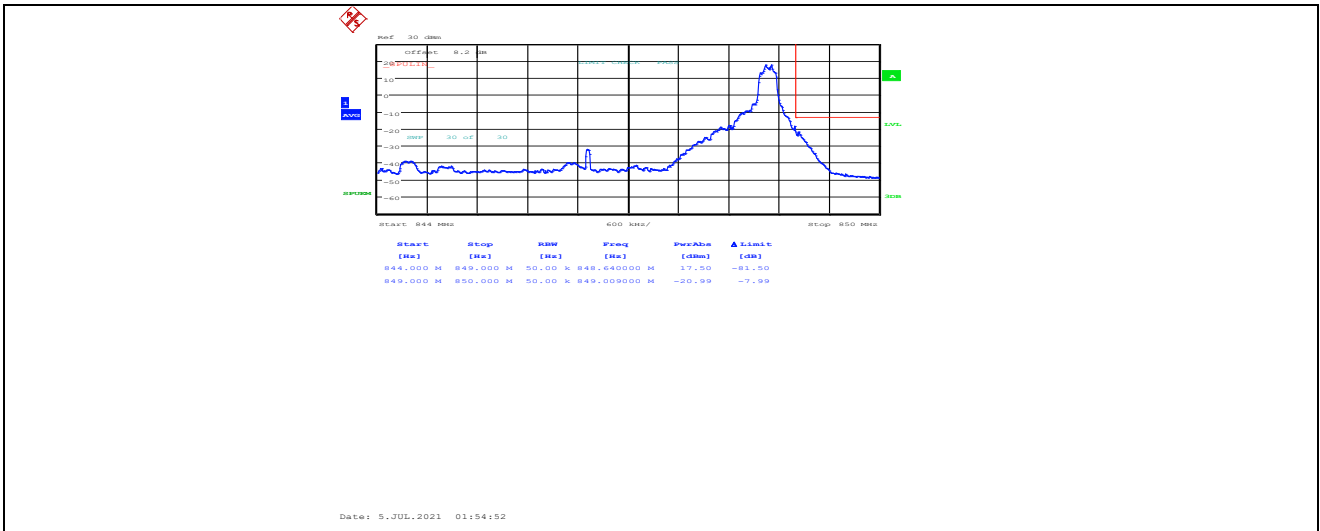


NTV-N5-15kHz-5MHz-DFT-BPSK-Low-Outer_Full-----see graph-PASS

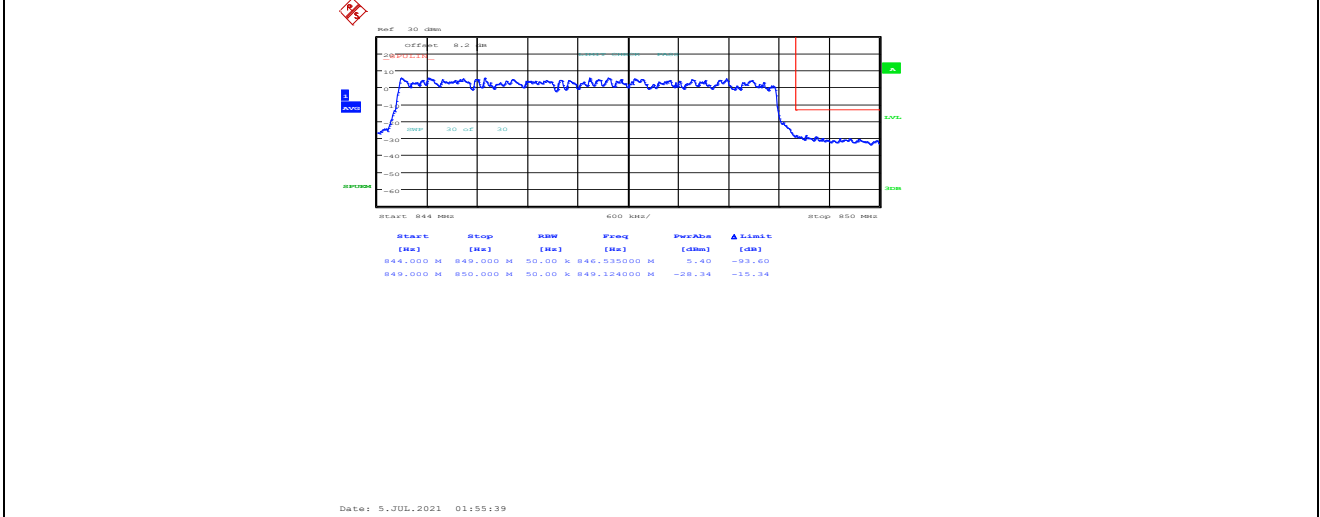


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NTNV-N5-15kHz-5MHz-DFT-BPSK-High-Edge_1RB_Right-----see graph-PASS

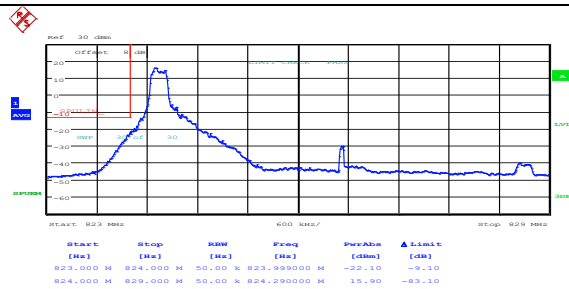


NTNV-N5-15kHz-5MHz-DFT-BPSK-High-Outer_Full-----see graph-PASS



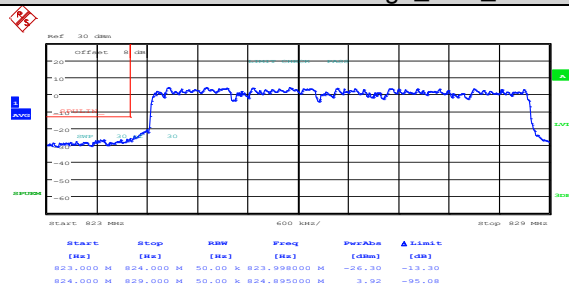
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Date: 5.JUL.2021 01:52:43

NTNV-N5-15kHz-5MHz-CP-QPSK-Low-Edge_1RB_Left----see graph-PASS



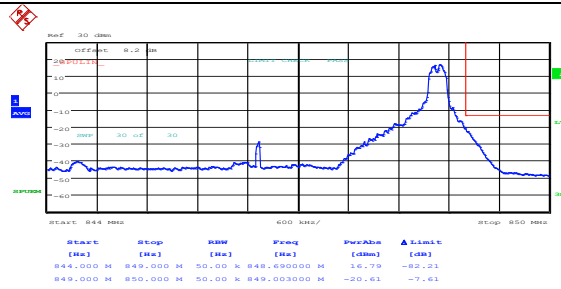
Date: 5.JUL.2021 01:53:30

NTNV-N5-15kHz-5MHz-CP-QPSK-Low-Outer_Full----see graph-PASS



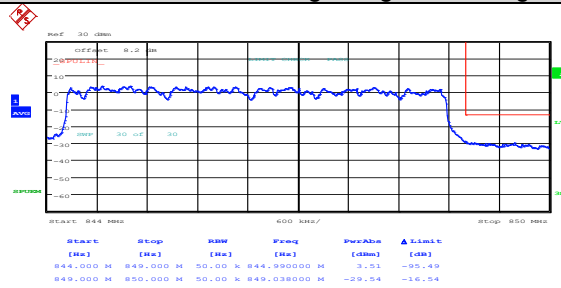
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Date: 5.JUL.2021 01:56:30

NTNV-N5-15kHz-5MHz-CP-QPSK-High-Edge_1RB_Right----see graph-PASS

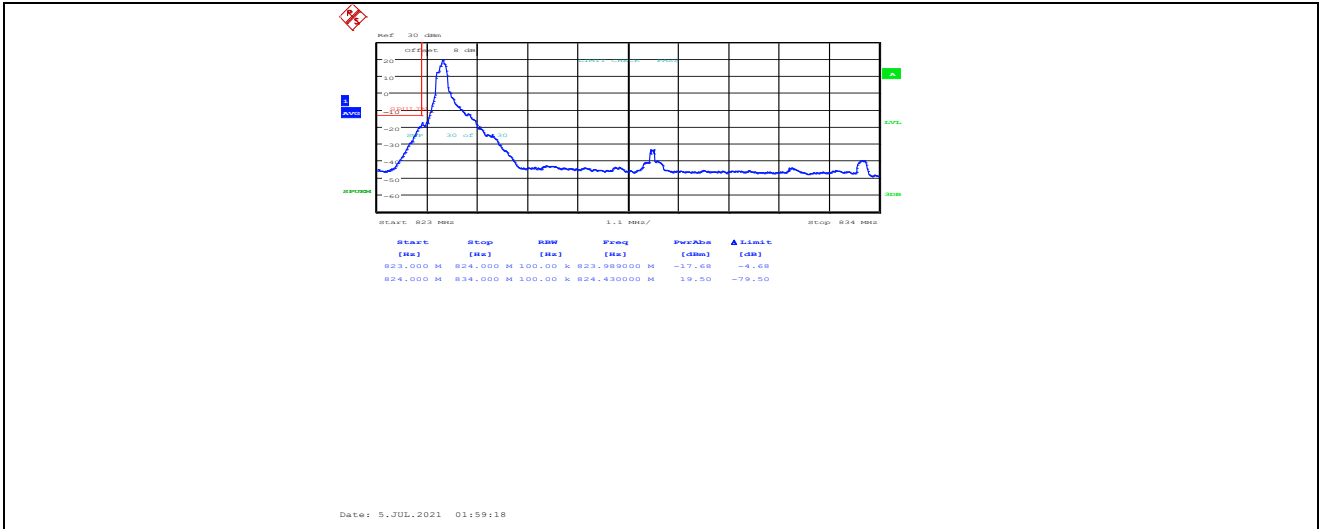


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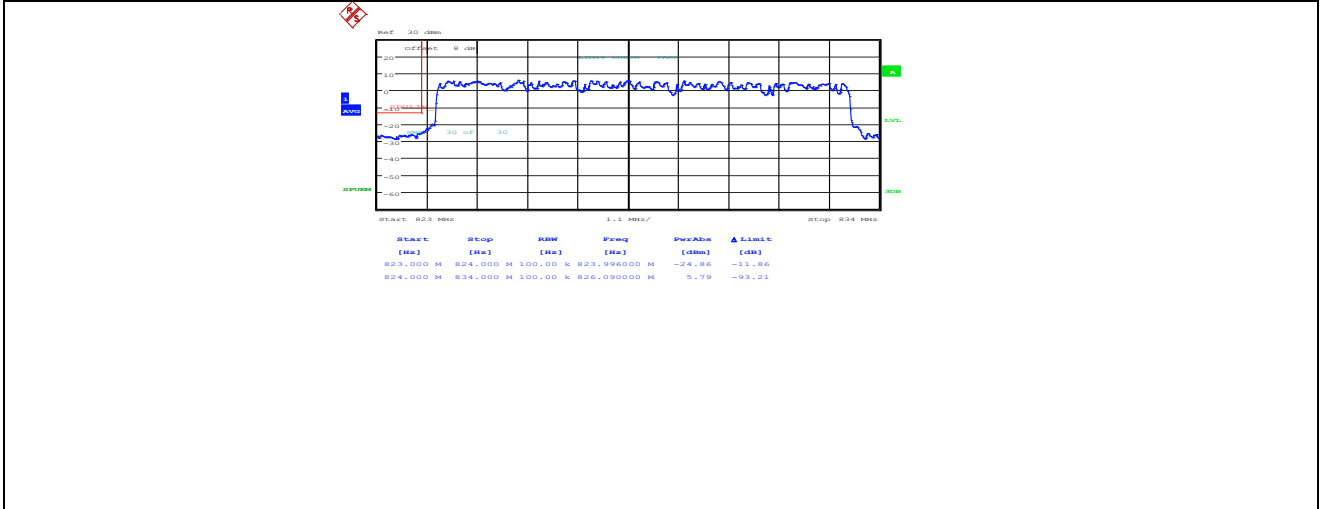
NTNV-N5-15kHz-5MHz-CP-QPSK-High-Outer_Full----see graph-PASS



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NTNV-N5-15kHz-10MHz-DFT-BPSK-Low-Edge_1RB_Left----see graph-PASS

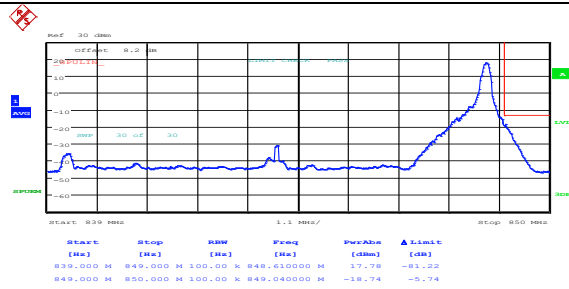


NTNV-N5-15kHz-10MHz-DFT-BPSK-Low-Outer_Full----see graph-PASS



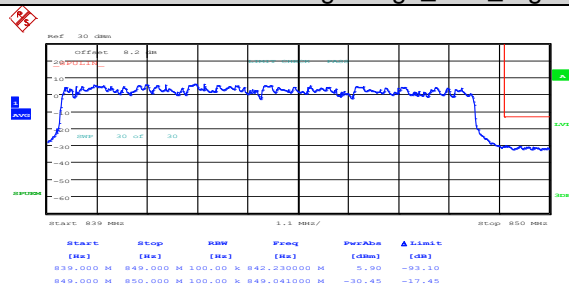
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Date: 5. JUL. 2021 02:02:59

NTNV-N5-15kHz-10MHz-DFT-BPSK-High-Edge_1RB_Right----see graph-PASS



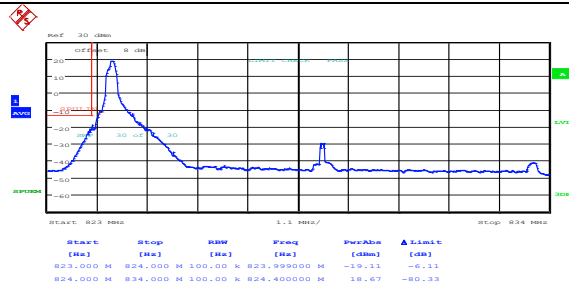
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NTNV-N5-15kHz-10MHz-DFT-BPSK-High-Outer_Full----see graph-PASS



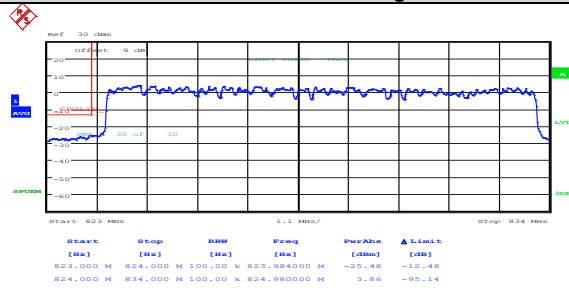
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Date: 5.JUL.2021 02:00:55

NTNV-N5-15kHz-10MHz-CP-QPSK-Low-Edge_1RB_Left----see graph-PASS

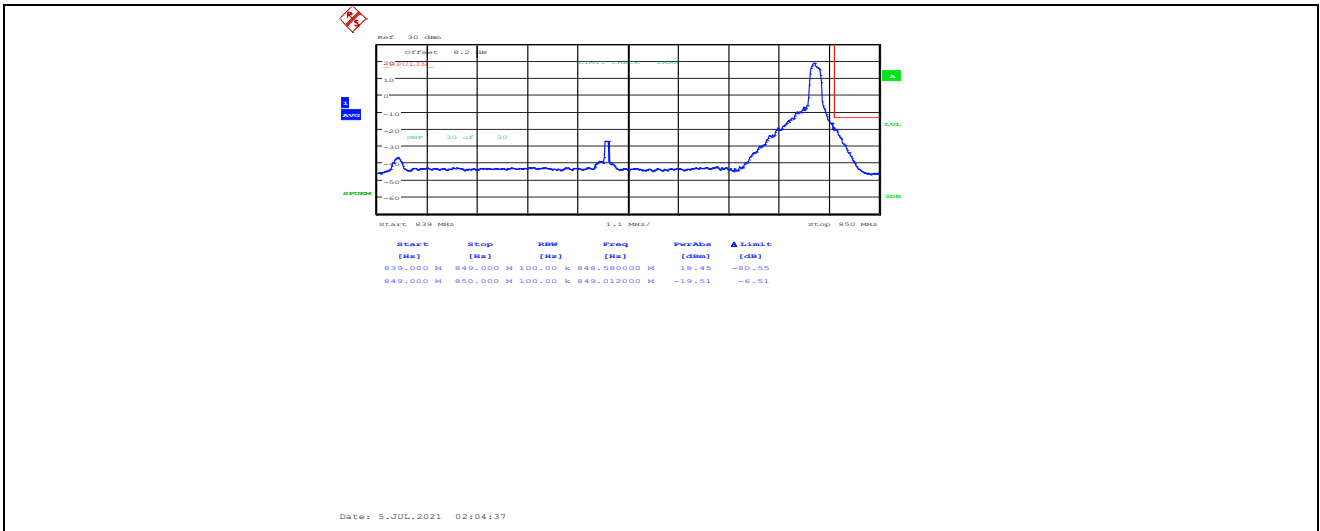


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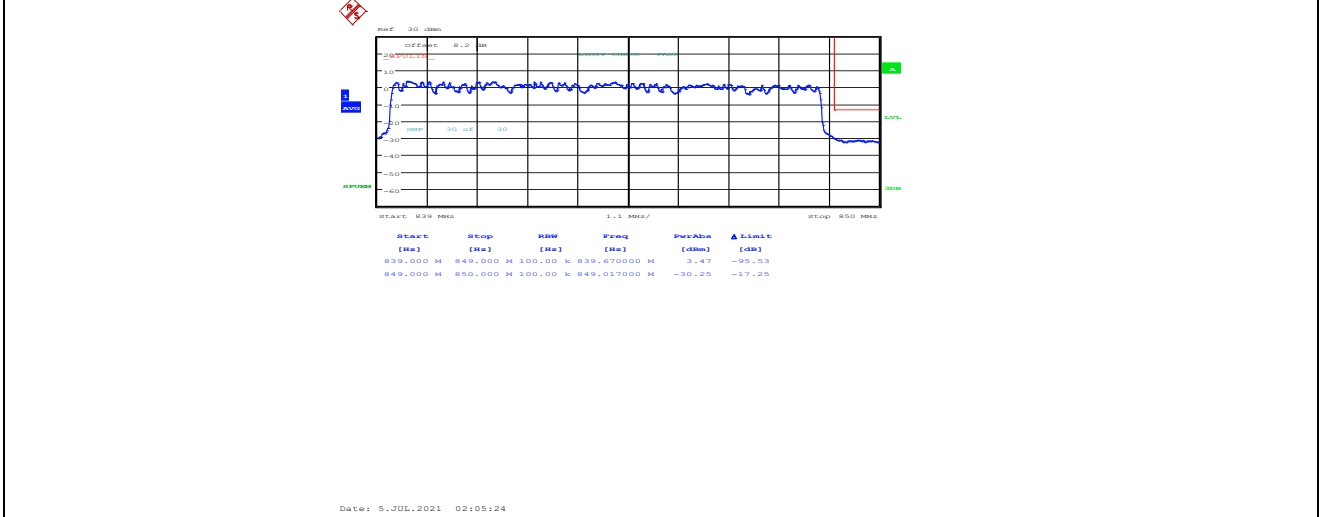
NTNV-N5-15kHz-10MHz-CP-QPSK-Low-Outer_Full----see graph-PASS



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NTNV-N5-15kHz-10MHz-CP-QPSK-High-Edge_1RB_Right----see graph-PASS

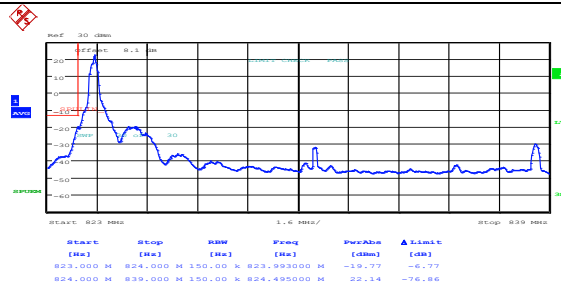


NTNV-N5-15kHz-10MHz-CP-QPSK-High-Outer_Full----see graph-PASS



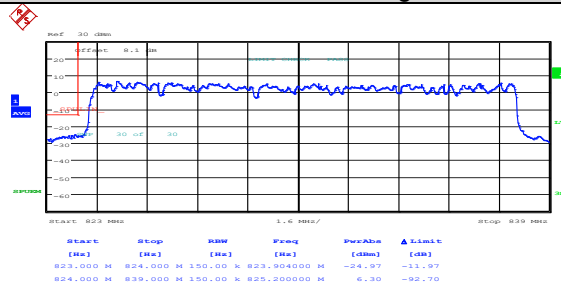
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Date: 5.JUL.2021 02:06:54

NTNV-N5-15kHz-15MHz-DFT-BPSK-Low-Edge_1RB_Left----see graph-PASS

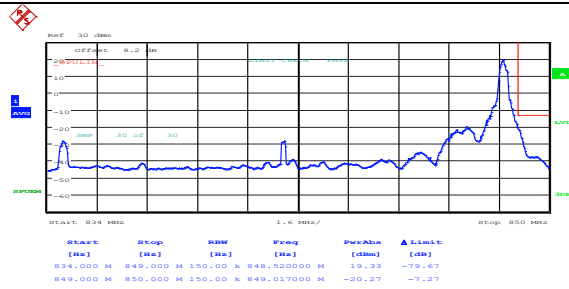


Date: 5.JUL.2021 02:07:41

NTNV-N5-15kHz-15MHz-DFT-BPSK-Low-Outer_Full----see graph-PASS

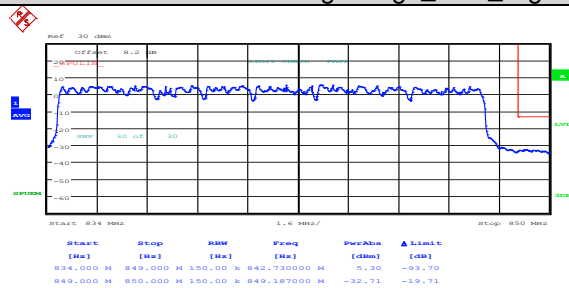


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Date: 5.JUL.2021 02:11:26

NTNV-N5-15kHz-15MHz-DFT-BPSK-High-Edge_1RB_Right----see graph-PASS



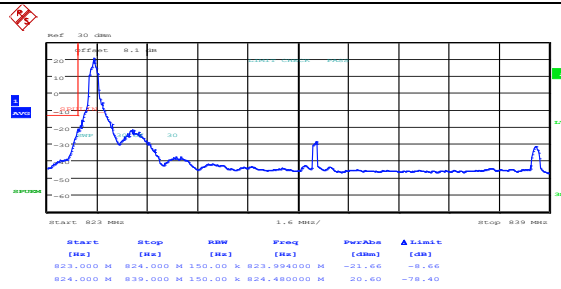
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NTNV-N5-15kHz-15MHz-DFT-BPSK-High-Outer_Full----see graph-PASS



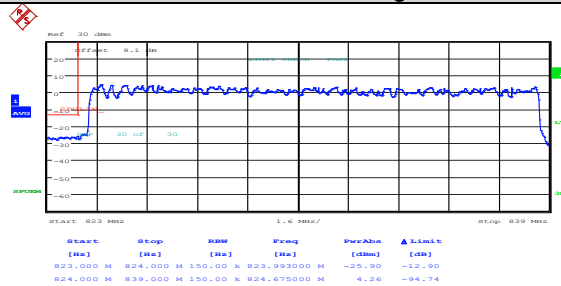
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Date: 5.JUL.2021 02:09:31

NTNV-N5-15kHz-15MHz-CP-QPSK-Low-Edge_1RB_Left----see graph-PASS



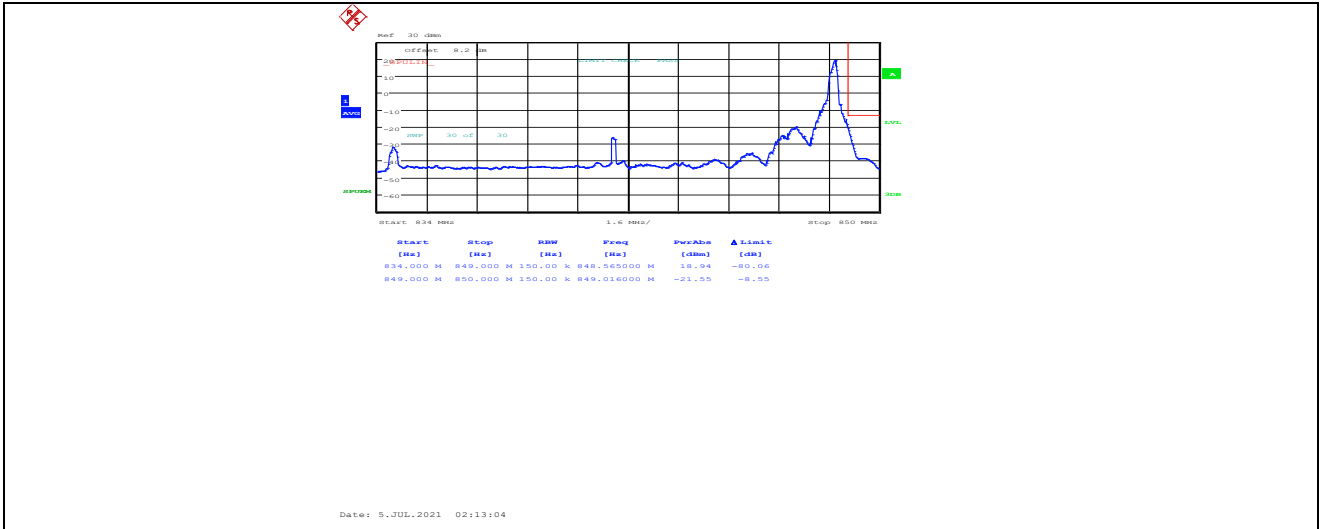
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NTNV-N5-15kHz-15MHz-CP-QPSK-Low-Outer_Full----see graph-PASS

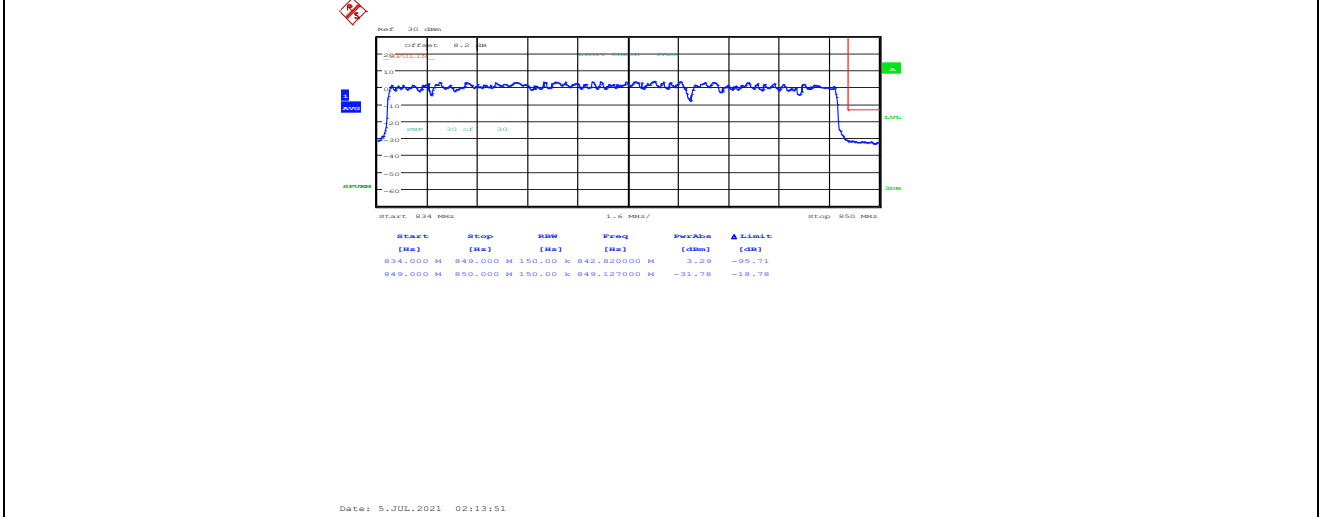


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NTNV-N5-15kHz-15MHz-CP-QPSK-High-Edge_1RB_Right----see graph-PASS

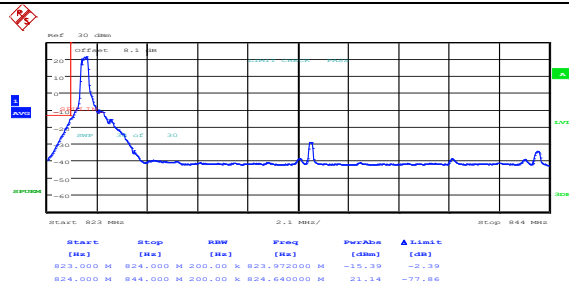


NTNV-N5-15kHz-15MHz-CP-QPSK-High-Outer_Full----see graph-PASS



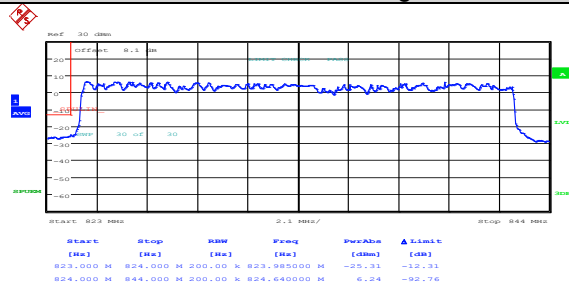
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Date: 5 JUL 2021 02:15:40

NTNV-N5-15kHz-20MHz-DFT-BPSK-Low-Edge_1RB_Left----see graph-PASS



Date: 5 JUL 2021 02:16:27

NTNV-N5-15kHz-20MHz-DFT-BPSK-Low-Outer_Full----see graph-PASS

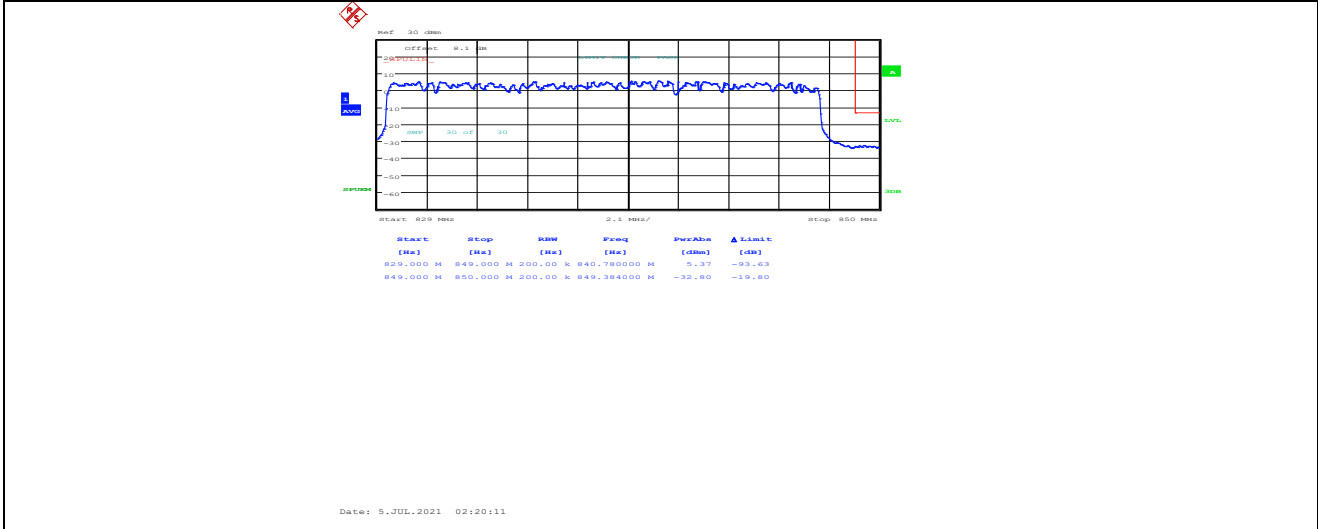


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NTNV-N5-15kHz-20MHz-DFT-BPSK-High-Edge_1RB_Right----see graph-PASS

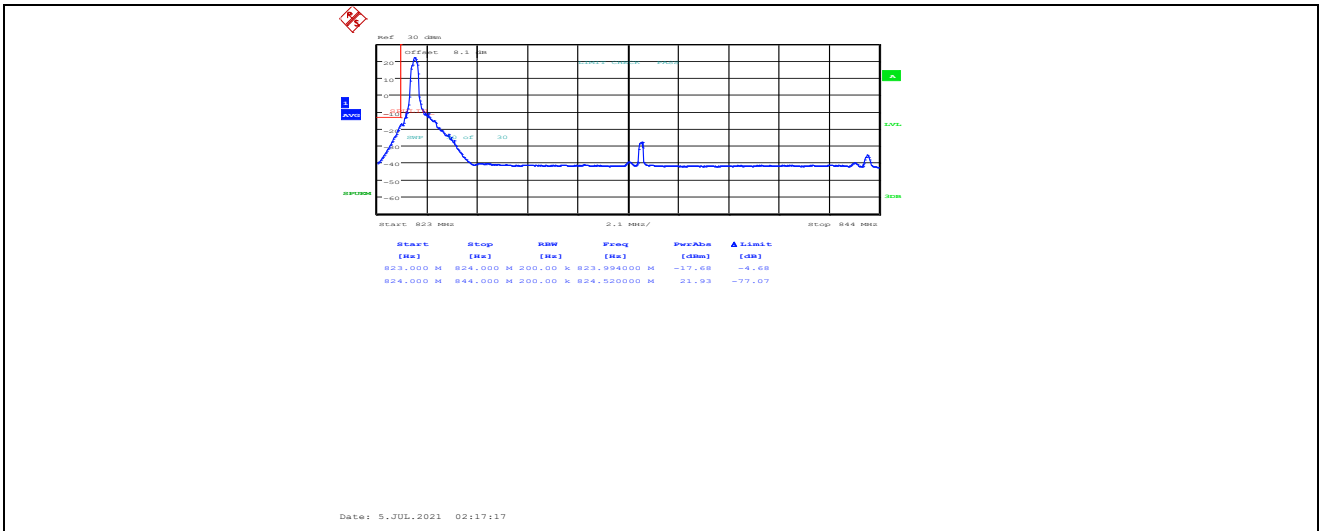


NTNV-N5-15kHz-20MHz-DFT-BPSK-High-Outer_Full----see graph-PASS

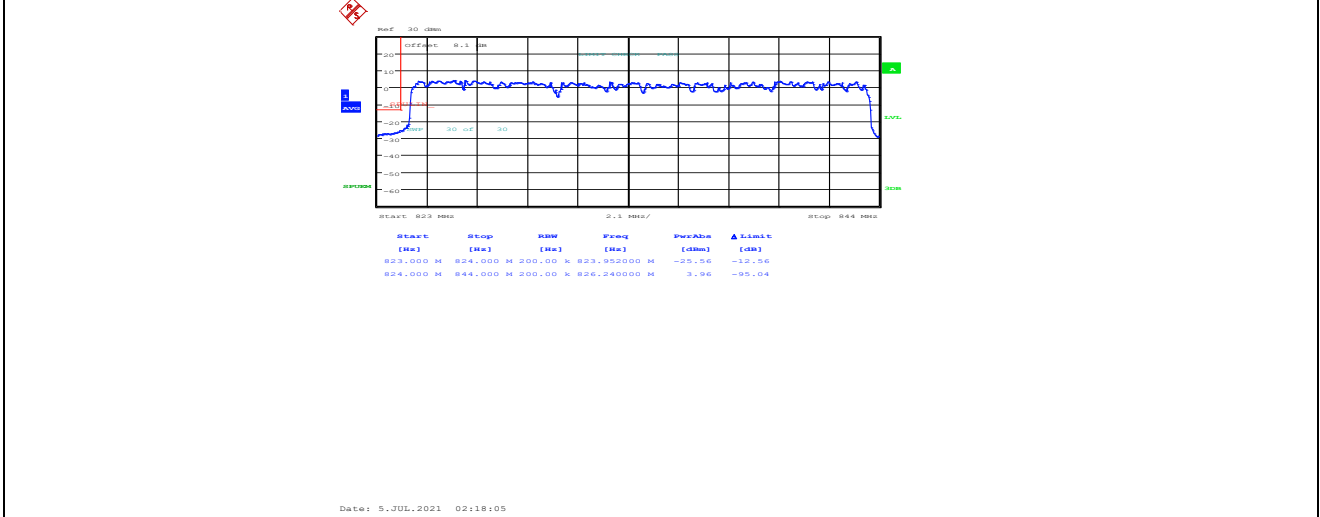


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NTNV-N5-15kHz-20MHz-CP-QPSK-Low-Edge_1RB_Left----see graph-PASS

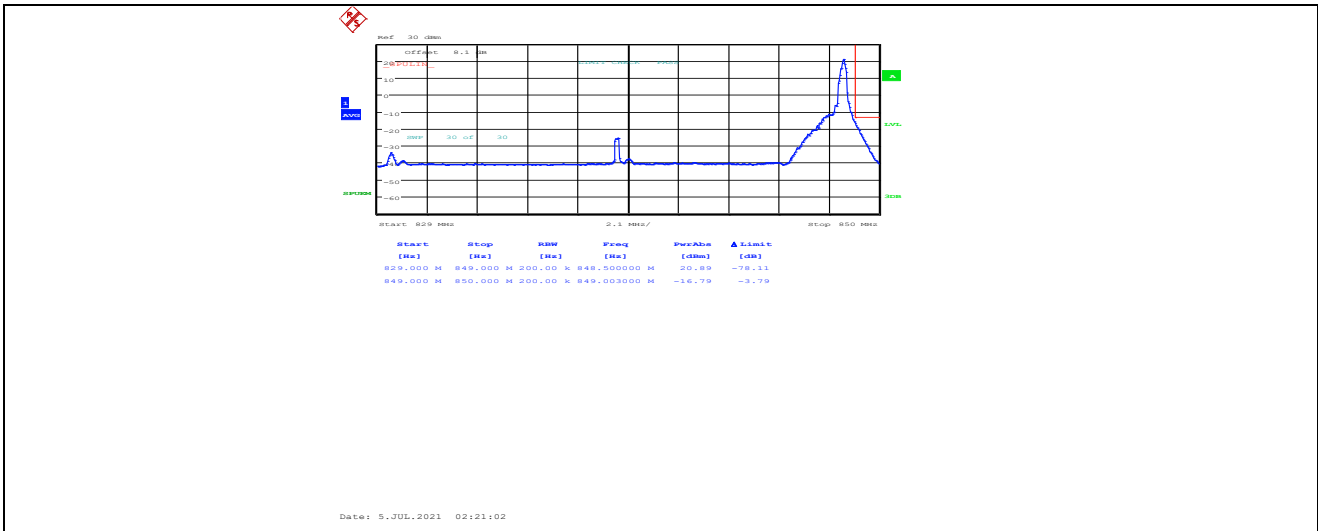


NTNV-N5-15kHz-20MHz-CP-QPSK-Low-Outer_Full----see graph-PASS

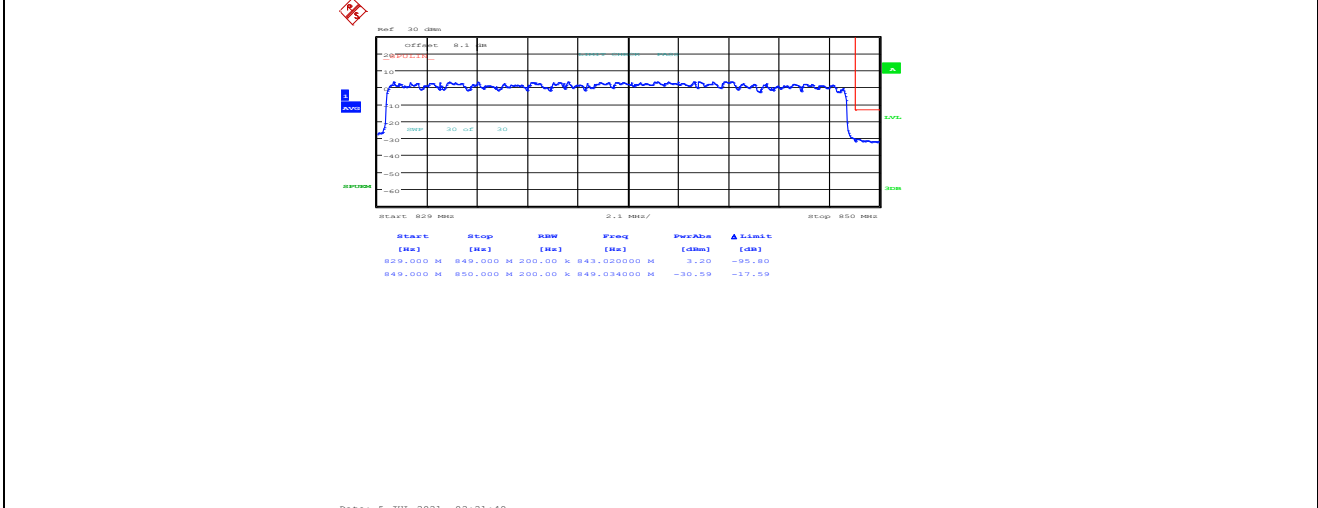


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NTNV-N5-15kHz-20MHz-CP-QPSK-High-Edge_1RB_Right-----see graph-PASS



NTNV-N5-15kHz-20MHz-CP-QPSK-High-Outer_Full-----see graph-PASS

REMARK:

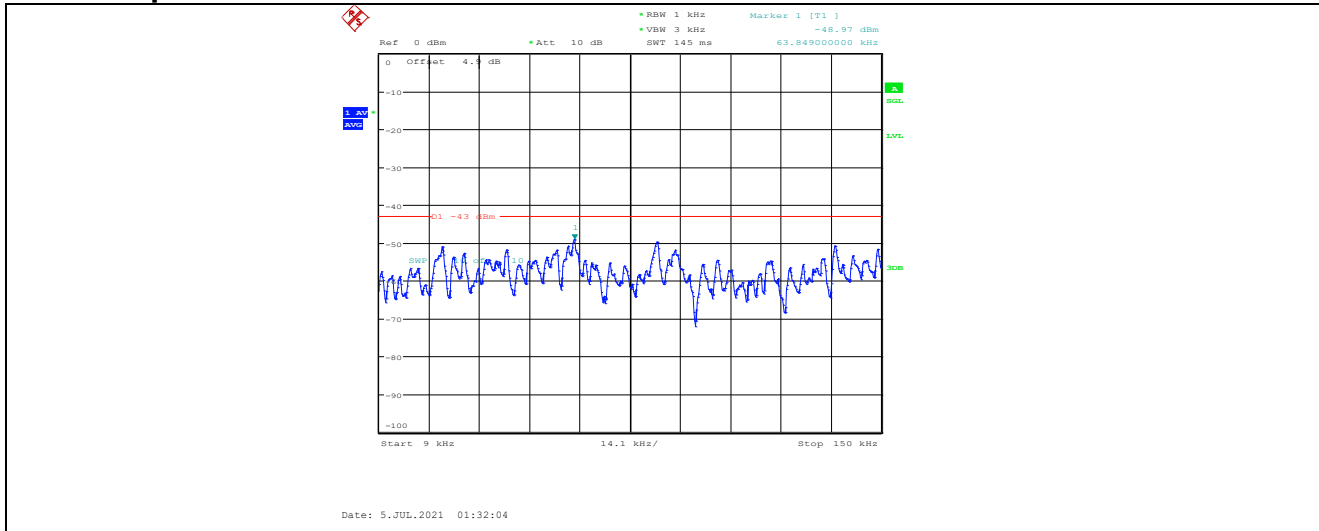
All antenna and all modulation had been tested, but only the worst case data displayed in this report.



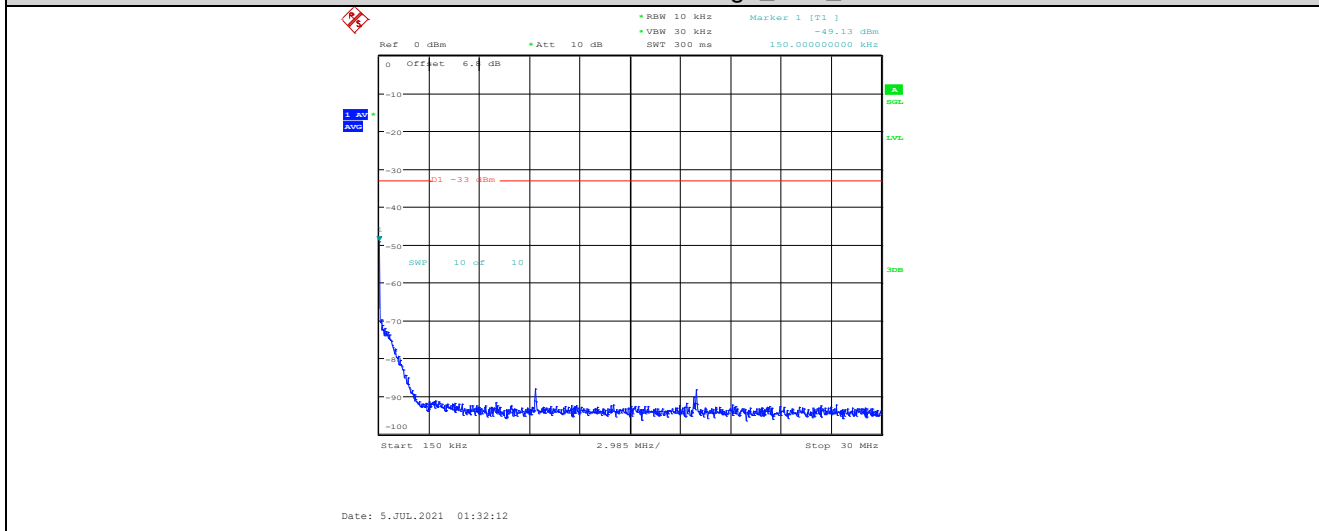
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**Conducted Spurious Emission for SA
Test Graphs**



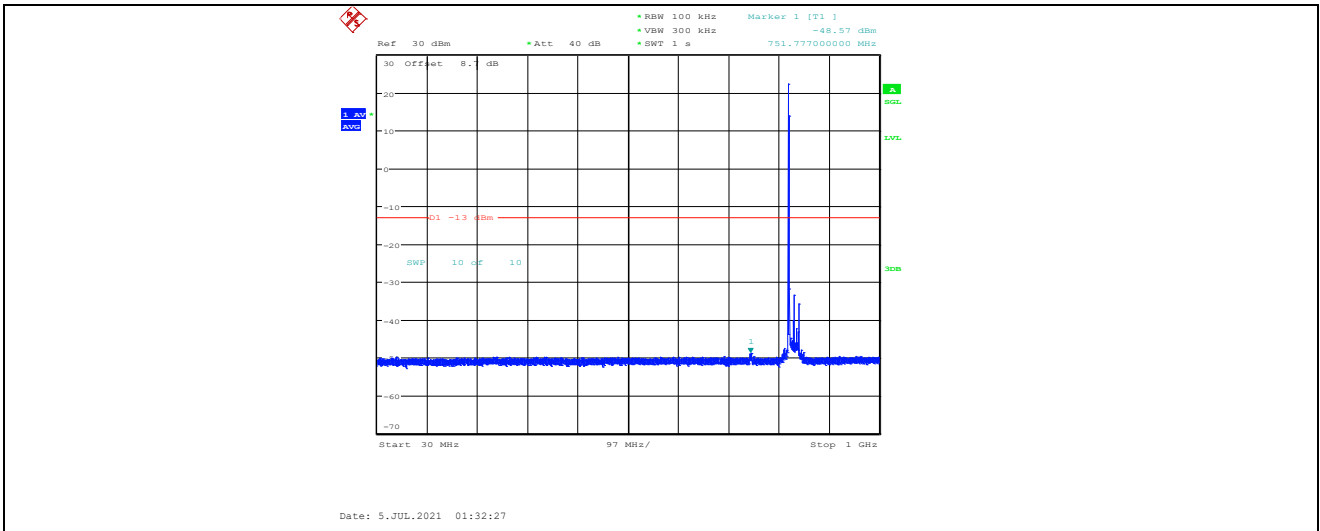
NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-Low-Edge_1RB_Left----0.009-0.1543-PASS



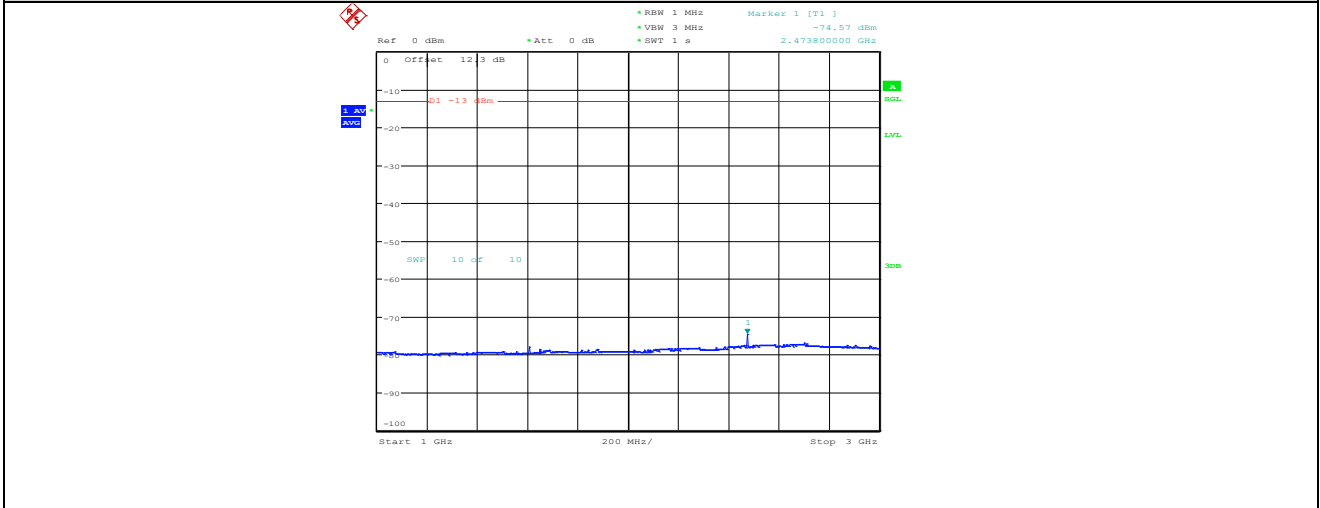
NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-Low-Edge_1RB_Left----0.15-3033-PASS



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NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-Low-Edge_1RB_Left----30-100013-PASS

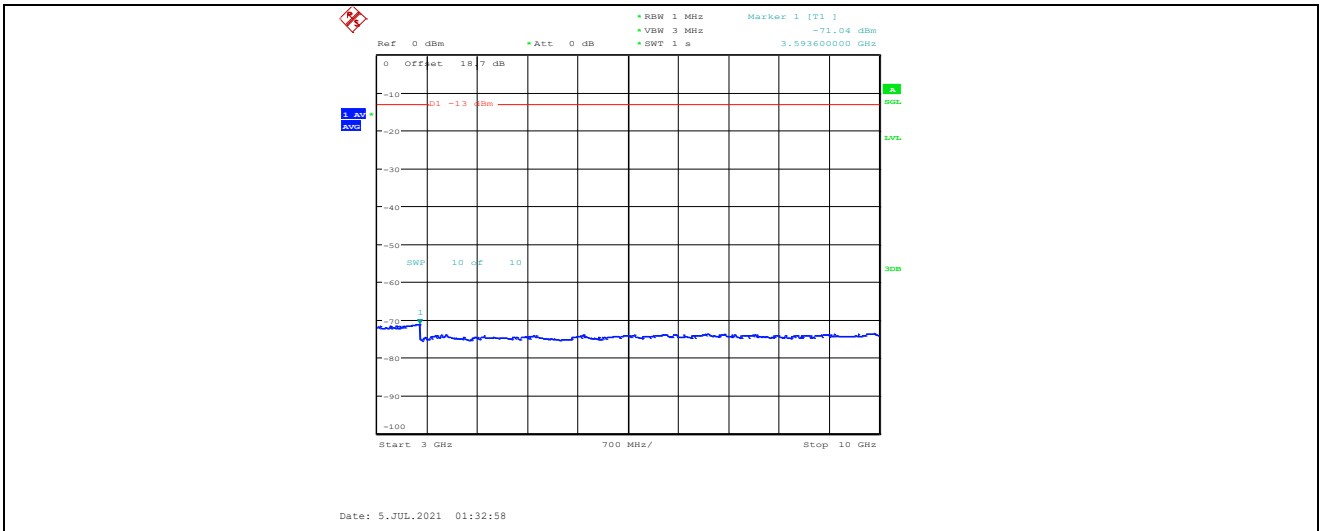


NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-Low-Edge_1RB_Left----1000-300013-PASS

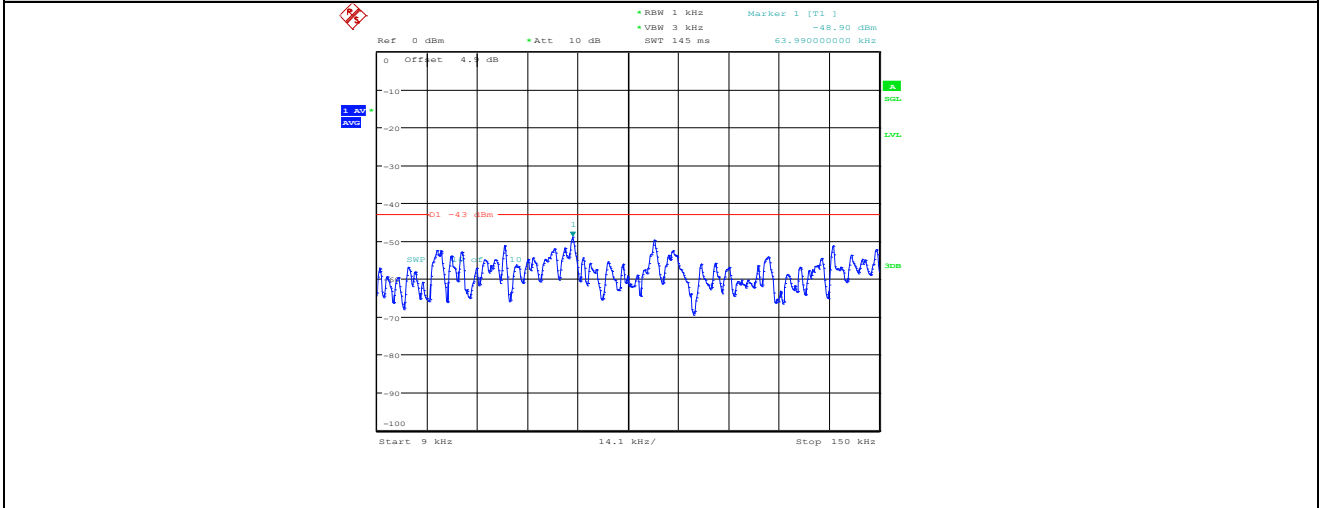


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NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-Low-Edge_1RB_Left-----3000-100013-PASS

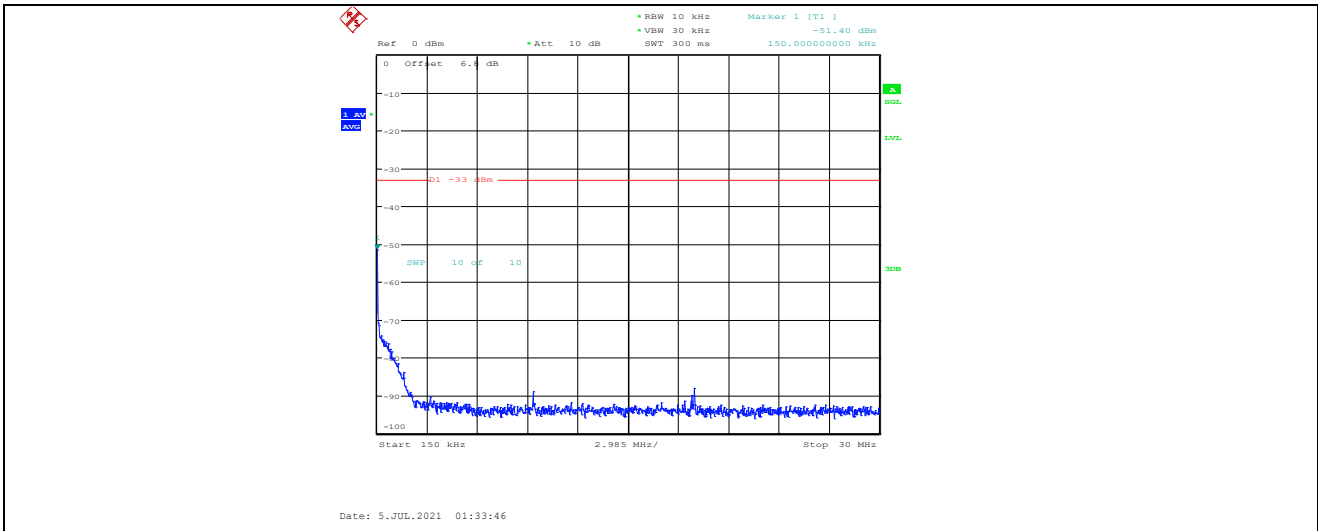


NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-Mid-Edge_1RB_Left-----0.009-0.1543-PASS

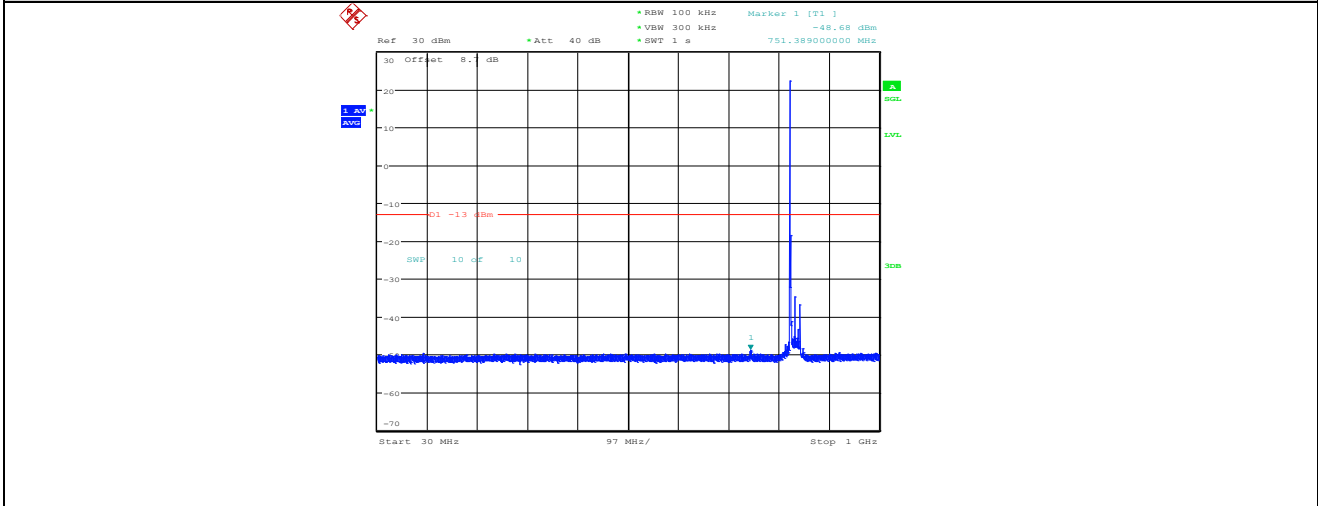


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NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-Mid-Edge_1RB_Left----0.15-3033-PASS

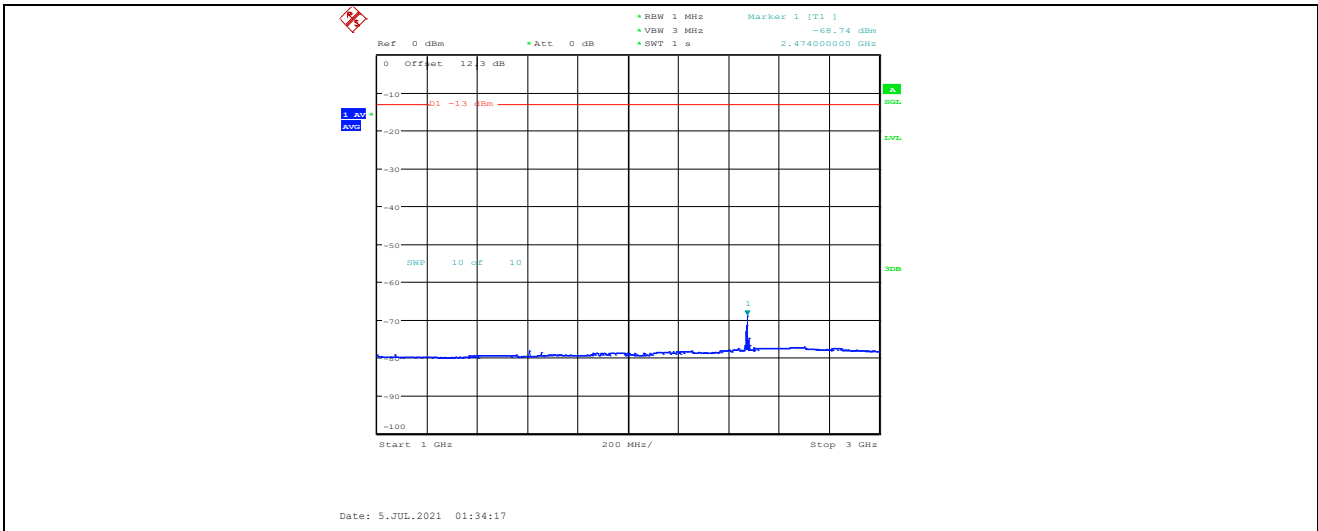


NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-Mid-Edge_1RB_Left----30-100013-PASS

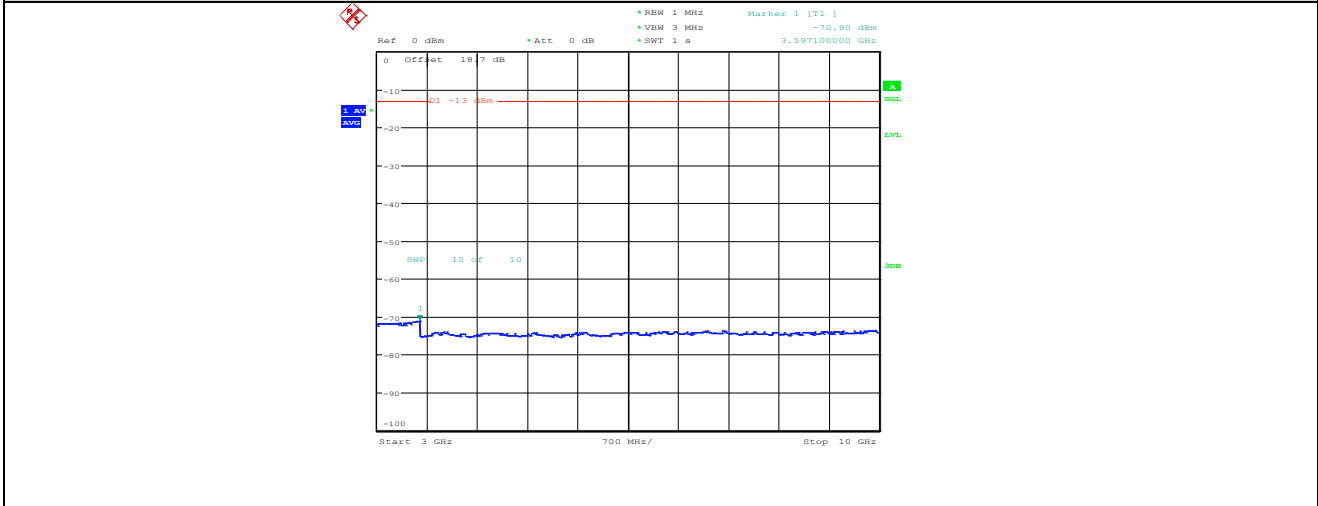


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NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-Mid-Edge_1RB_Left-----1000-300013-PASS

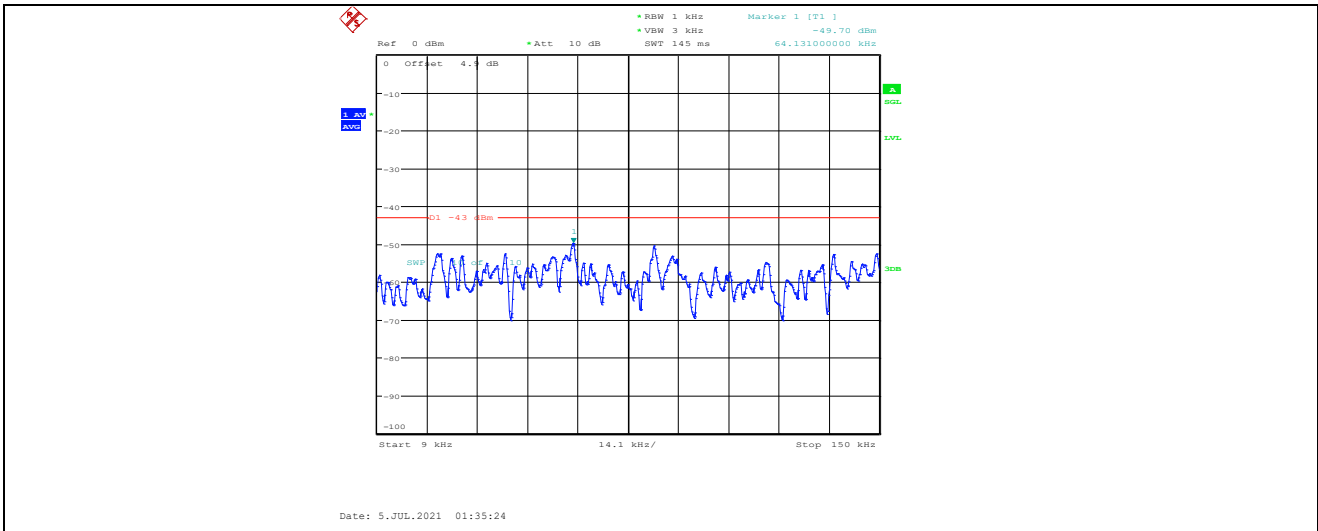


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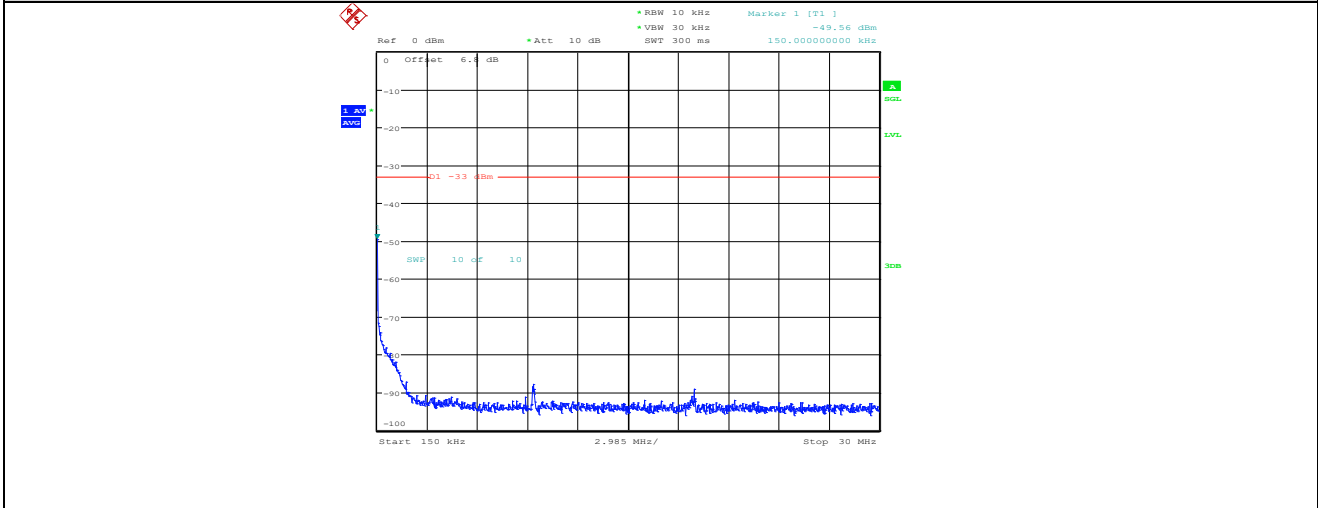


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NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-High-Edge_1RB_Left-----0.009-0.1543-PASS

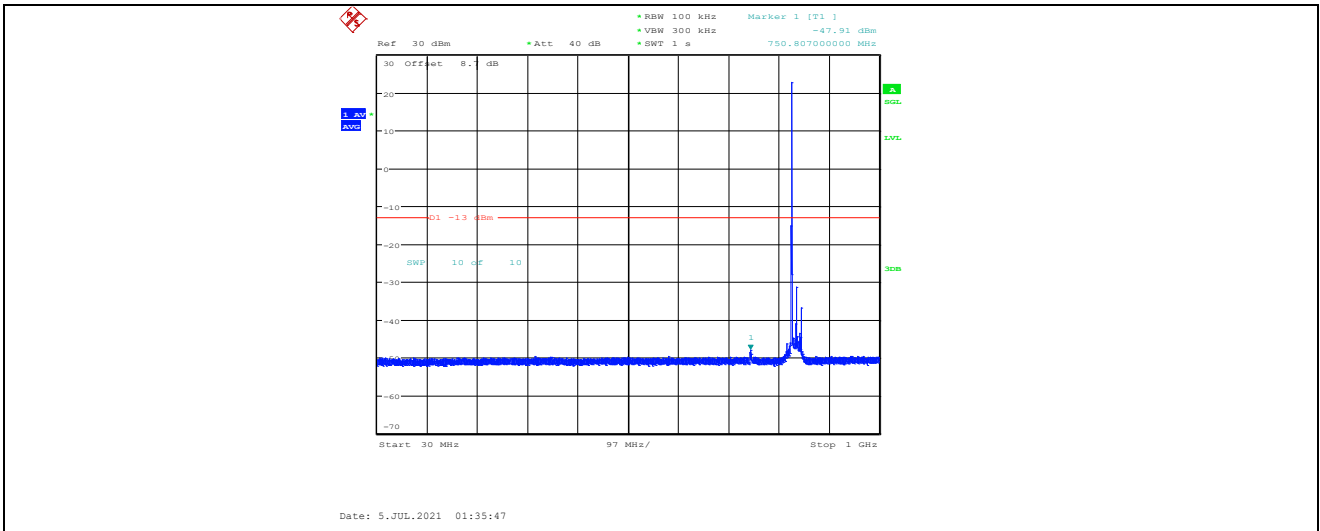


NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-High-Edge_1RB_Left-----0.15-3033-PASS

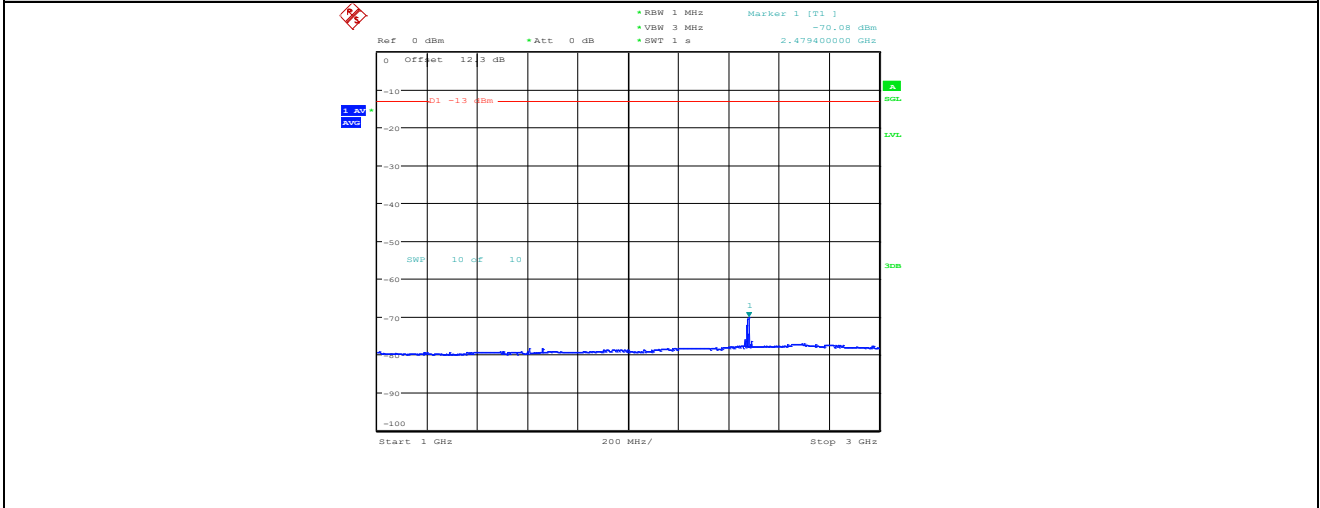


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NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-High-Edge_1RB_Left----30-100013-PASS

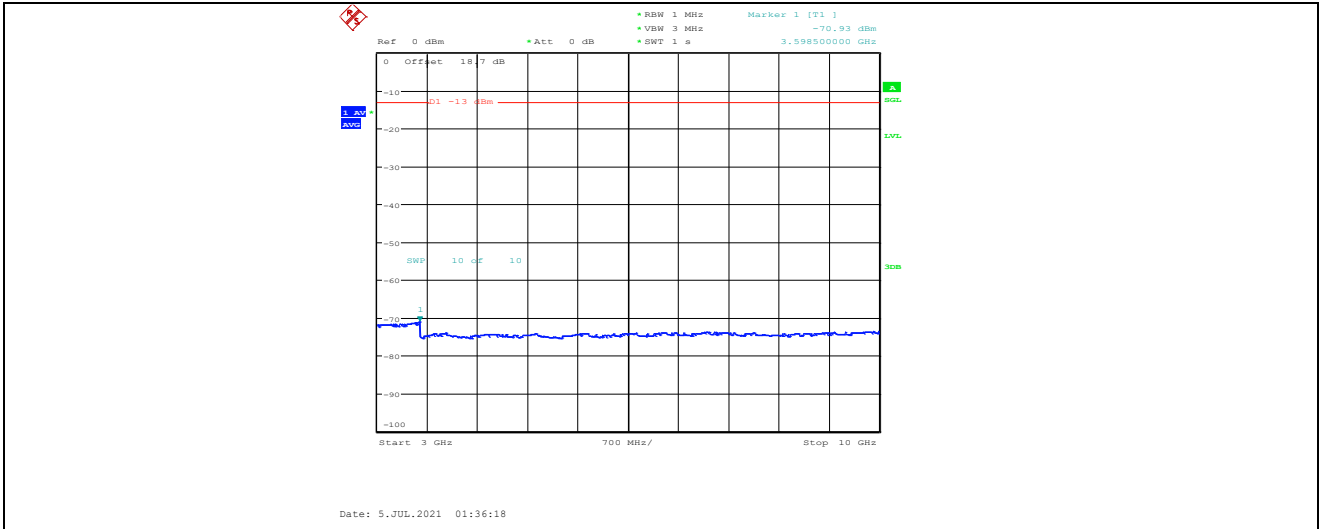


NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-High-Edge_1RB_Left----1000-300013-PASS



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NTNV-N5-15kHz-20MHz-DFT-PI2BPSK-High-Edge_1RB_Left-----3000-100013-PASS

REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report.



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Field Strength of Spurious Radiation

Test Band = _5_TM1 ANT1

Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1150.5075	23.13	-65.62	-13.00	52.62	Horizontal
2	2209.5605	23.47	-62.88	-13.00	49.88	Horizontal
3	3514.5257	55.45	-59.54	-13.00	46.54	Horizontal
4	4911.4456	51.86	-58.28	-13.00	45.28	Horizontal
5	7483.3742	51.02	-51.15	-13.00	38.15	Horizontal
6	9837.2419	48.29	-50.10	-13.00	37.10	Horizontal



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**Test Band = _5_TM1 ANT1
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1198.1099	22.40	-66.60	-13.00	53.60	Vertical
2	2553.4777	22.30	-62.81	-13.00	49.81	Vertical
3	3527.1264	52.98	-62.14	-13.00	49.14	Vertical
4	5674.4837	48.20	-58.91	-13.00	45.91	Vertical
5	7473.5737	49.39	-52.86	-13.00	39.86	Vertical
6	9047.9524	46.34	-52.78	-13.00	39.78	Vertical



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**Test Band = _5_TM1 ANT1
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1224.1112	21.37	-67.92	-13.00	54.92	Horizontal
2	2481.0741	23.18	-62.44	-13.00	49.44	Horizontal
3	2978.4989	21.94	-61.04	-13.00	48.04	Horizontal
4	4135.1068	55.85	-57.20	-13.00	44.20	Horizontal
5	7759.8880	49.50	-52.64	-13.00	39.64	Horizontal
6	9060.5530	48.80	-50.44	-13.00	37.44	Horizontal



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**Test Band = _5_TM1 ANT1
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1200.0100	22.11	-66.90	-13.00	53.90	Vertical
2	2481.1741	23.97	-61.65	-13.00	48.65	Vertical
3	3878.8939	52.06	-62.15	-13.00	49.15	Vertical
4	5696.1848	50.23	-56.60	-13.00	43.60	Vertical
5	7475.3238	49.89	-52.34	-13.00	39.34	Vertical
6	9595.0298	47.84	-50.44	-13.00	37.44	Vertical



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**Test Band = _5_TM1 ANT1
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1158.5079	21.88	-66.91	-13.00	53.91	Horizontal
2	2398.5699	21.55	-63.88	-13.00	50.88	Horizontal
3	2984.7992	22.18	-60.77	-13.00	47.77	Horizontal
4	5677.2839	50.91	-56.16	-13.00	43.16	Horizontal
5	8398.6699	49.40	-51.60	-13.00	38.60	Horizontal
6	9747.6374	47.59	-50.55	-13.00	37.55	Horizontal



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**Test Band = _5_TM1 ANT1
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1181.4091	21.77	-67.14	-13.00	54.14	Vertical
2	2377.3689	22.63	-63.37	-13.00	50.37	Vertical
3	2985.7993	22.14	-60.80	-13.00	47.80	Vertical
4	5691.2846	50.65	-56.25	-13.00	43.25	Vertical
5	7982.1491	49.68	-52.20	-13.00	39.20	Vertical
6	8997.8999	48.67	-50.27	-13.00	37.27	Vertical



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**Test Band = _5_TM1 ANT3
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1150.5075	23.13	-65.62	-13.00	52.62	Horizontal
2	2419.7710	23.57	-61.85	-13.00	48.85	Horizontal
3	2999.6000	23.97	-58.90	-13.00	45.90	Horizontal
4	5665.3833	51.06	-56.16	-13.00	43.16	Horizontal
5	8833.7417	49.87	-49.95	-13.00	36.95	Horizontal
6	9837.2419	48.29	-50.10	-13.00	37.10	Horizontal



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**Test Band = _5_TM1 ANT3
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1073.3037	22.65	-66.42	-13.00	53.42	Vertical
2	1972.8486	22.08	-65.71	-13.00	52.71	Vertical
3	2839.4920	22.54	-61.31	-13.00	48.31	Vertical
4	5486.5243	48.77	-59.26	-13.00	46.26	Vertical
5	7473.5737	49.39	-52.86	-13.00	39.86	Vertical
6	9047.9524	46.34	-52.78	-13.00	39.78	Vertical



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**Test Band = _5_TM1 ANT3
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1168.5084	21.65	-67.19	-13.00	54.19	Horizontal
2	2650.1825	22.36	-62.32	-13.00	49.32	Horizontal
3	3308.3654	55.00	-61.16	-13.00	48.16	Horizontal
4	4135.1068	55.85	-57.20	-13.00	44.20	Horizontal
5	7114.4557	49.86	-53.21	-13.00	40.21	Horizontal
6	8967.4484	48.31	-50.93	-13.00	37.93	Horizontal



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**Test Band = _5_TM1 ANT3
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1209.4105	21.86	-67.26	-13.00	54.26	Vertical
2	2481.1741	23.97	-61.65	-13.00	48.65	Vertical
3	2941.8971	21.51	-61.76	-13.00	48.76	Vertical
4	4135.1068	53.31	-59.74	-13.00	46.74	Vertical
5	7139.6570	49.42	-53.77	-13.00	40.77	Vertical
6	8464.8232	49.31	-51.72	-13.00	38.72	Vertical



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**Test Band = _5_TM1 ANT3
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1158.5079	21.88	-66.91	-13.00	53.91	Horizontal
2	1671.1336	22.57	-66.45	-13.00	53.45	Horizontal
3	2369.3685	22.19	-64.02	-13.00	51.02	Horizontal
4	4049.0025	52.95	-60.94	-13.00	47.94	Horizontal
5	5677.2839	50.91	-56.16	-13.00	43.16	Horizontal
6	8398.6699	49.40	-51.60	-13.00	38.60	Horizontal



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**Test Band = _5_TM1 ANT3
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1212.7106	21.51	-67.65	-13.00	54.65	Vertical
2	2222.8611	21.78	-64.64	-13.00	51.64	Vertical
3	2985.7993	22.14	-60.80	-13.00	47.80	Vertical
4	5517.6759	50.76	-57.21	-13.00	44.21	Vertical
5	8196.0098	49.86	-51.72	-13.00	38.72	Vertical
6	9732.5866	47.68	-50.52	-13.00	37.52	Vertical



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**Test Band = _B7+N5 _TM1 ANT1
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1648.8311	24.62	-45.92	-13.00	32.92	Horizontal
2	3874.5437	50.55	-63.74	-13.00	50.74	Horizontal
3	5910.1455	48.40	-58.88	-13.00	45.88	Horizontal
4	10400.620	45.00	-51.96	-13.00	38.96	Horizontal
5	13482.524	44.23	-48.17	-13.00	35.17	Horizontal
6	17970.748	46.99	-46.28	-13.00	33.28	Horizontal

**Test Band = _B7+N5 _TM1 ANT1
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1319.2899	19.71	-50.86	-13.00	37.86	Vertical
2	1804.6006	20.78	-49.26	-13.00	36.26	Vertical
3	4791.8396	49.69	-60.97	-13.00	47.97	Vertical
4	6250.6625	48.32	-57.84	-13.00	44.84	Vertical
5	10017.350	46.40	-51.73	-13.00	38.73	Vertical
6	17988.749	47.17	-46.47	-13.00	33.47	Vertical



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Test Band = _B7+N5 _TM1 ANT1

Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1654.0818	31.12	-39.29	-13.00	26.29	Horizontal
2	3308.2654	53.46	-62.71	-13.00	49.71	Horizontal
3	4311.0656	51.25	-61.57	-13.00	48.57	Horizontal
4	7472.4736	47.97	-54.29	-13.00	41.29	Horizontal
5	12955.997	45.57	-47.46	-13.00	34.46	Horizontal
6	17980.499	46.70	-46.77	-13.00	33.77	Horizontal

Test Band = _B7+N5 _TM1 ANT1

Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1445.0556	19.53	-50.60	-13.00	37.60	Vertical
2	3650.2825	52.40	-62.17	-13.00	49.17	Vertical
3	4728.0864	49.88	-60.85	-13.00	47.85	Vertical
4	7938.2469	47.84	-54.21	-13.00	41.21	Vertical
5	13018.250	44.44	-48.12	-13.00	35.12	Vertical
6	17915.245	46.37	-46.58	-13.00	33.58	Vertical



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**Test Band = _B7+N5_TM1 ANT1
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1659.0824	28.16	-42.03	-13.00	29.03	Horizontal
2	1942.1178	26.08	-43.11	-13.00	30.11	Horizontal
3	4304.3152	51.25	-61.59	-13.00	48.59	Horizontal
4	7128.9564	47.11	-56.03	-13.00	43.03	Horizontal
5	10286.614	45.59	-52.10	-13.00	39.10	Horizontal
6	17990.249	47.50	-46.18	-13.00	33.18	Horizontal

**Test Band = _B7+N5_TM1 ANT1
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1522.0653	20.06	-50.04	-13.00	37.04	Vertical
2	3519.0260	52.04	-63.00	-13.00	50.00	Vertical
3	4967.3484	49.72	-59.88	-13.00	46.88	Vertical
4	7997.4999	47.45	-54.35	-13.00	41.35	Vertical
5	12412.220	45.04	-49.03	-13.00	36.03	Vertical
6	17813.240	47.57	-46.63	-13.00	33.63	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 All modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.
- 4 The disturbance above26.5GHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.



Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

NR Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage [Vdc]	Temperature(°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15KHz	20MHz	TM1	166800	Outer Full	VL	NT	9.22	0.00362	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	NT	2.00	0.00079	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VH	NT	5.18	0.00203	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VL	NT	-10.73	-0.00414	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	NT	-6.30	-0.00243	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VH	NT	7.76	0.00299	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VL	NT	0.91	0.00034	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	NT	11.78	0.00446	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VH	NT	10.43	0.00395	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VL	NT	-5.09	-0.00200	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	NT	7.65	0.00300	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VH	NT	-6.02	-0.00236	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VL	NT	12.80	0.00494	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	NT	6.28	0.00242	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VH	NT	-7.83	-0.00302	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VL	NT	6.05	0.00229	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	NT	-10.73	-0.00406	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VH	NT	-5.68	-0.00215	±2.5	PASS



Frequency Error VS. Temperature

NR Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage [Vdc]	Temperature(°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	-30	-10.43	-0.00410	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	-20	-4.26	-0.00167	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	-10	5.14	0.00202	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	0	-1.90	-0.00075	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	10	-5.04	-0.00198	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	20	-0.59	-0.00023	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	30	-9.04	-0.00355	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	40	-1.22	-0.00048	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	50	-2.26	-0.00089	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	-30	5.42	0.00209	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	-20	1.25	0.00048	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	-10	-9.19	-0.00354	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	0	-7.53	-0.00290	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	10	13.36	0.00515	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	20	11.92	0.00460	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	30	-8.81	-0.00340	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	40	-2.53	-0.00098	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	50	13.38	0.00516	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	-30	-5.96	-0.00226	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	-20	3.74	0.00142	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	-10	-9.68	-0.00367	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	0	-5.44	-0.00206	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	10	-9.84	-0.00373	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	20	11.30	0.00428	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	30	14.72	0.00558	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	40	-6.96	-0.00264	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	50	0.62	0.00023	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	-30	3.27	0.00128	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	-20	10.52	0.00413	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	-10	2.10	0.00082	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	0	-5.34	-0.00210	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	10	1.20	0.00047	±2.5	PASS



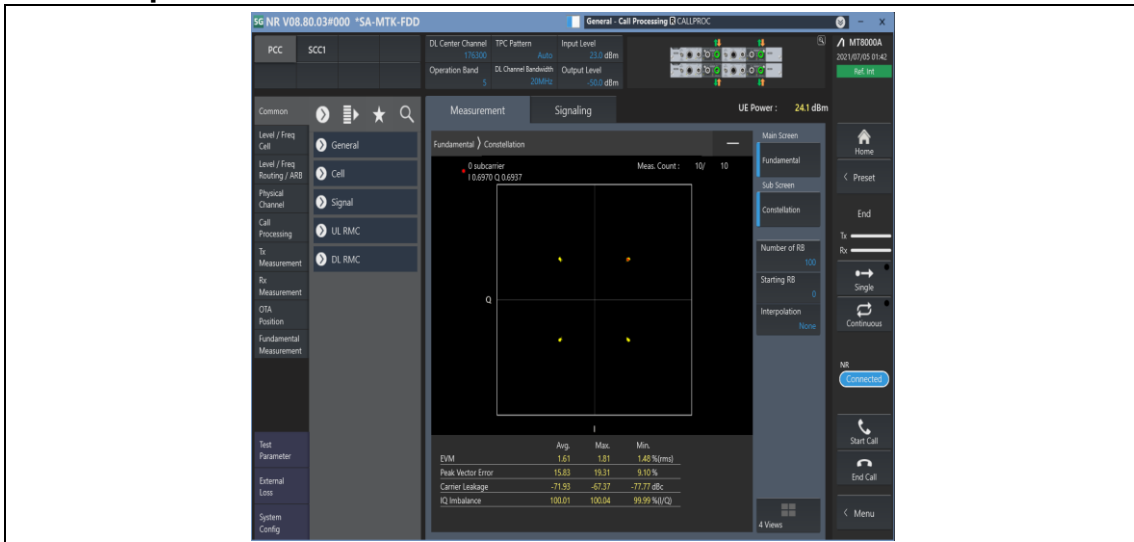
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	20	-4.79	-0.00188	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	30	4.99	0.00196	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	40	-7.60	-0.00299	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	50	-2.62	-0.00103	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	-30	-9.97	-0.00384	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	-20	-0.14	-0.00005	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	-10	12.15	0.00469	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	0	-10.33	-0.00398	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	10	7.02	0.00271	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	20	-9.23	-0.00356	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	30	6.07	0.00234	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	40	3.77	0.00145	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	50	14.09	0.00543	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	-30	13.65	0.00517	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	-20	7.09	0.00269	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	-10	6.81	0.00258	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	0	0.22	0.00008	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	10	-10.98	-0.00416	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	20	11.89	0.00450	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	30	-10.36	-0.00392	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	40	-12.17	-0.00461	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	50	7.35	0.00278	±2.5	PASS



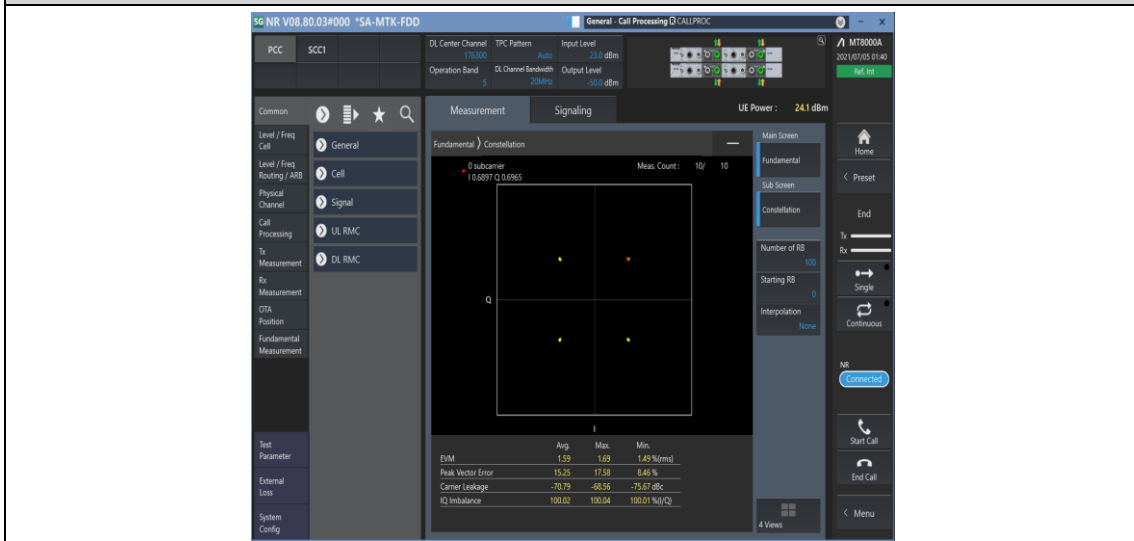
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Modulation characteristics for SA
Test Graphs



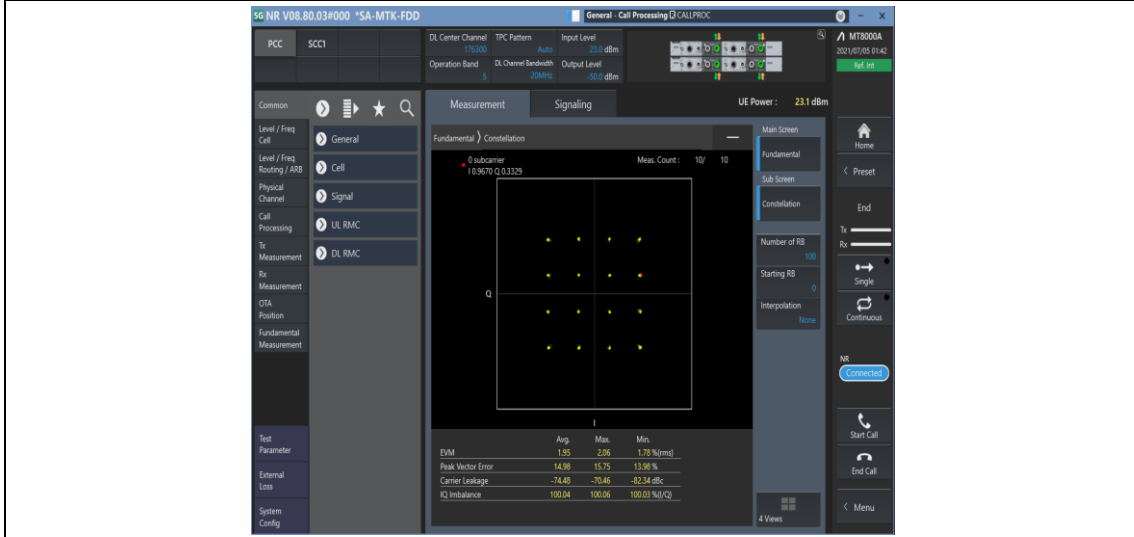
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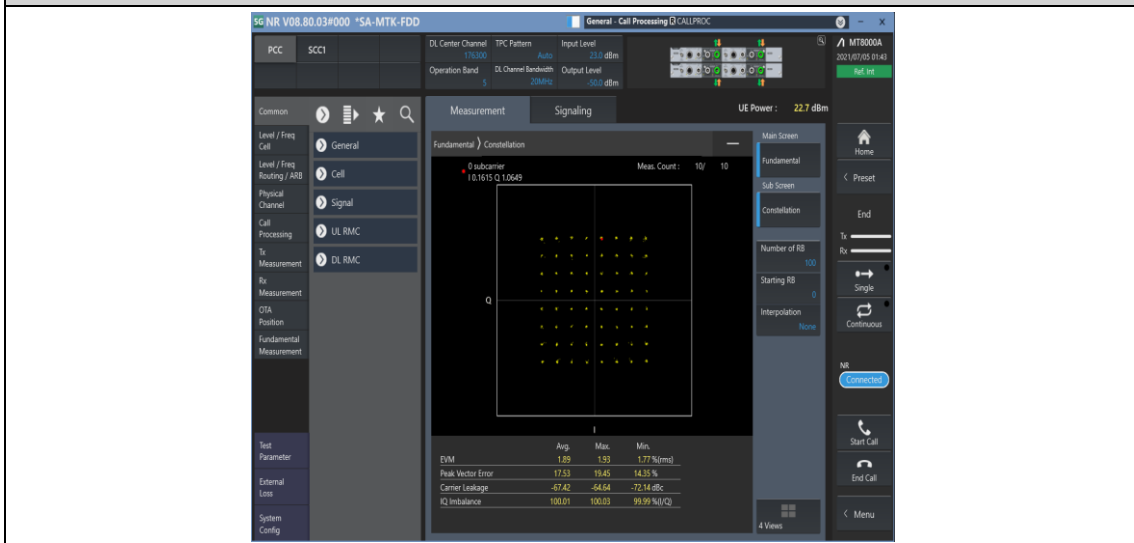
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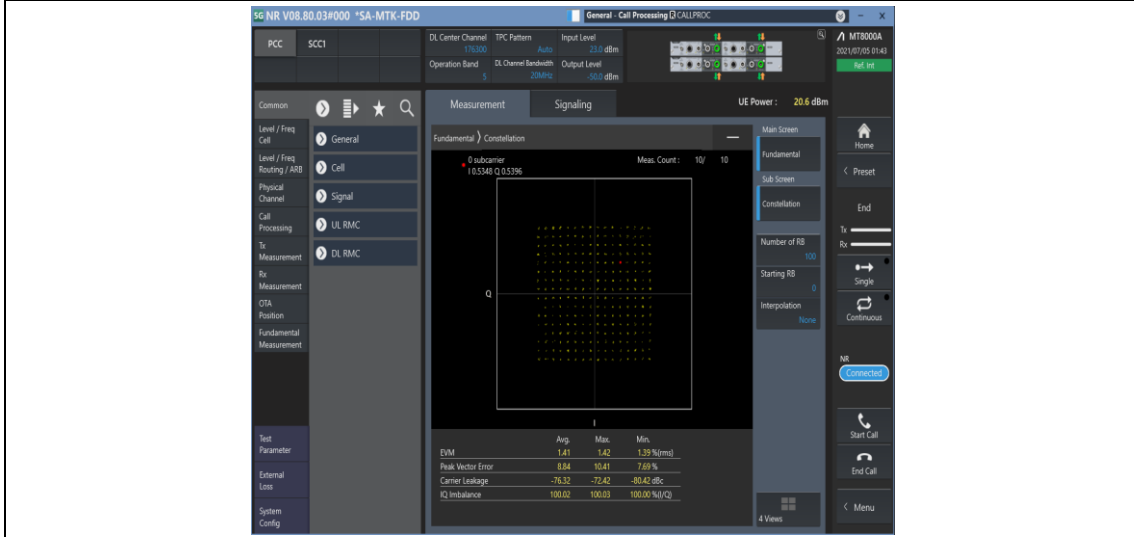
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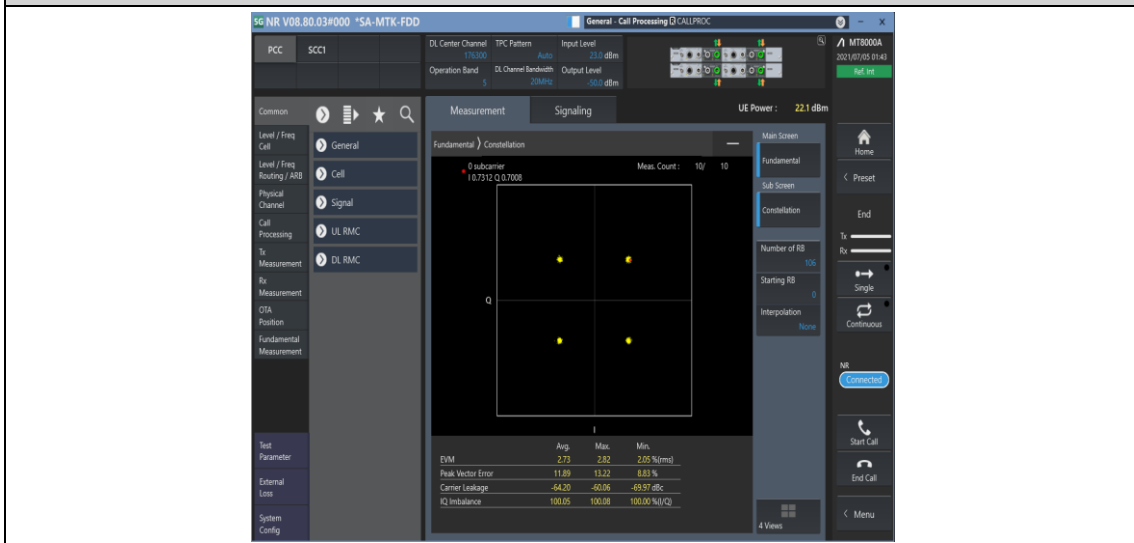
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NTNV-N5-15kHz-20MHz-DFT-64QAM-Mid-Outer_Full-----±2.5ppm-PASS



NTNV-N5-15kHz-20MHz-DFT-256QAM-Mid-Outer_Full-----±2.5ppm-PASS



NTNV-N5-15kHz-20MHz-CP-QPSK-Mid-Outer_Full-----±2.5ppm-PASS



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