



Appendix

NR Band N77



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT12:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	EIRP	Limit	Verdict
N77	30kHz	20MHz	DFT-Pi2BPSK	Low	Inner_1RB_Left	23.89	25.84	30.00	PASS
N77	30kHz	20MHz	DFT-Pi2BPSK	Low	Inner_1RB_Right	23.81	25.76	30.00	PASS
N77	30kHz	20MHz	DFT-Pi2BPSK	Low	Inner_Full	24.15	26.10	30.00	PASS
N77	30kHz	20MHz	DFT-Pi2BPSK	Mid	Inner_1RB_Left	24.15	26.10	30.00	PASS
N77	30kHz	20MHz	DFT-Pi2BPSK	Mid	Inner_1RB_Right	24.06	26.01	30.00	PASS
N77	30kHz	20MHz	DFT-Pi2BPSK	Mid	Inner_Full	24.38	26.33	30.00	PASS
N77	30kHz	20MHz	DFT-Pi2BPSK	High	Inner_1RB_Left	24.24	26.19	30.00	PASS
N77	30kHz	20MHz	DFT-Pi2BPSK	High	Inner_1RB_Right	24.18	26.13	30.00	PASS
N77	30kHz	20MHz	DFT-Pi2BPSK	High	Inner_Full	24.44	26.39	30.00	PASS
N77	30kHz	20MHz	DFT-QPSK	Low	Inner_1RB_Left	23.85	25.80	30.00	PASS
N77	30kHz	20MHz	DFT-QPSK	Low	Inner_1RB_Right	23.84	25.79	30.00	PASS
N77	30kHz	20MHz	DFT-QPSK	Low	Inner_Full	24.12	26.07	30.00	PASS
N77	30kHz	20MHz	DFT-QPSK	Mid	Inner_1RB_Left	24.12	26.07	30.00	PASS
N77	30kHz	20MHz	DFT-QPSK	Mid	Inner_1RB_Right	24.05	26.00	30.00	PASS
N77	30kHz	20MHz	DFT-QPSK	Mid	Inner_Full	24.37	26.32	30.00	PASS
N77	30kHz	20MHz	DFT-QPSK	High	Inner_1RB_Left	24.22	26.17	30.00	PASS
N77	30kHz	20MHz	DFT-QPSK	High	Inner_1RB_Right	24.16	26.11	30.00	PASS
N77	30kHz	20MHz	DFT-QPSK	High	Inner_Full	24.43	26.38	30.00	PASS
N77	30kHz	20MHz	DFT-16QAM	Low	Inner_1RB_Left	22.94	24.89	30.00	PASS
N77	30kHz	20MHz	DFT-16QAM	Low	Inner_1RB_Right	22.93	24.88	30.00	PASS
N77	30kHz	20MHz	DFT-16QAM	Low	Inner_Full	23.13	25.08	30.00	PASS
N77	30kHz	20MHz	DFT-16QAM	Mid	Inner_1RB_Left	23.12	25.07	30.00	PASS
N77	30kHz	20MHz	DFT-16QAM	Mid	Inner_1RB_Right	23.29	25.24	30.00	PASS
N77	30kHz	20MHz	DFT-16QAM	Mid	Inner_Full	23.37	25.32	30.00	PASS
N77	30kHz	20MHz	DFT-16QAM	High	Inner_1RB_Left	23.43	25.38	30.00	PASS
N77	30kHz	20MHz	DFT-16QAM	High	Inner_1RB_Right	23.22	25.17	30.00	PASS
N77	30kHz	20MHz	DFT-16QAM	High	Inner_Full	23.44	25.39	30.00	PASS
N77	30kHz	20MHz	DFT-64QAM	Low	Inner_1RB_Left	21.31	23.26	30.00	PASS
N77	30kHz	20MHz	DFT-64QAM	Low	Inner_1RB_Right	21.37	23.32	30.00	PASS
N77	30kHz	20MHz	DFT-64QAM	Low	Inner_Full	21.75	23.70	30.00	PASS
N77	30kHz	20MHz	DFT-64QAM	Mid	Inner_1RB_Left	21.68	23.63	30.00	PASS



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N77	30kHz	20MHz	DFT-64QAM	Mid	Inner_1RB_Right	21.55	23.50	30.00	PASS
N77	30kHz	20MHz	DFT-64QAM	Mid	Inner_Full	21.99	23.94	30.00	PASS
N77	30kHz	20MHz	DFT-64QAM	High	Inner_1RB_Left	21.80	23.75	30.00	PASS
N77	30kHz	20MHz	DFT-64QAM	High	Inner_1RB_Right	21.76	23.71	30.00	PASS
N77	30kHz	20MHz	DFT-64QAM	High	Inner_Full	22.03	23.98	30.00	PASS
N77	30kHz	20MHz	DFT-256QAM	Low	Inner_1RB_Left	19.59	21.54	30.00	PASS
N77	30kHz	20MHz	DFT-256QAM	Low	Inner_1RB_Right	19.57	21.52	30.00	PASS
N77	30kHz	20MHz	DFT-256QAM	Low	Inner_Full	19.72	21.67	30.00	PASS
N77	30kHz	20MHz	DFT-256QAM	Mid	Inner_1RB_Left	19.85	21.80	30.00	PASS
N77	30kHz	20MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.83	21.78	30.00	PASS
N77	30kHz	20MHz	DFT-256QAM	Mid	Inner_Full	19.99	21.94	30.00	PASS
N77	30kHz	20MHz	DFT-256QAM	High	Inner_1RB_Left	19.99	21.94	30.00	PASS
N77	30kHz	20MHz	DFT-256QAM	High	Inner_1RB_Right	19.95	21.90	30.00	PASS
N77	30kHz	20MHz	DFT-256QAM	High	Inner_Full	20.01	21.96	30.00	PASS
N77	30kHz	20MHz	CP-QPSK	Low	Inner_1RB_Left	22.45	24.40	30.00	PASS
N77	30kHz	20MHz	CP-QPSK	Low	Inner_1RB_Right	22.41	24.36	30.00	PASS
N77	30kHz	20MHz	CP-QPSK	Low	Inner_Full	22.63	24.58	30.00	PASS
N77	30kHz	20MHz	CP-QPSK	Mid	Inner_1RB_Left	22.75	24.70	30.00	PASS
N77	30kHz	20MHz	CP-QPSK	Mid	Inner_1RB_Right	22.64	24.59	30.00	PASS
N77	30kHz	20MHz	CP-QPSK	Mid	Inner_Full	22.85	24.80	30.00	PASS
N77	30kHz	20MHz	CP-QPSK	High	Inner_1RB_Left	22.87	24.82	30.00	PASS
N77	30kHz	20MHz	CP-QPSK	High	Inner_1RB_Right	22.82	24.77	30.00	PASS
N77	30kHz	20MHz	CP-QPSK	High	Inner_Full	22.90	24.85	30.00	PASS
N77	30kHz	20MHz	CP-16QAM	Low	Inner_1RB_Left	21.83	23.78	30.00	PASS
N77	30kHz	20MHz	CP-16QAM	Low	Inner_1RB_Right	21.96	23.91	30.00	PASS
N77	30kHz	20MHz	CP-16QAM	Low	Inner_Full	22.33	24.28	30.00	PASS
N77	30kHz	20MHz	CP-16QAM	Mid	Inner_1RB_Left	22.27	24.22	30.00	PASS
N77	30kHz	20MHz	CP-16QAM	Mid	Inner_1RB_Right	22.24	24.19	30.00	PASS
N77	30kHz	20MHz	CP-16QAM	Mid	Inner_Full	22.34	24.29	30.00	PASS
N77	30kHz	20MHz	CP-16QAM	High	Inner_1RB_Left	22.45	24.40	30.00	PASS
N77	30kHz	20MHz	CP-16QAM	High	Inner_1RB_Right	21.96	23.91	30.00	PASS
N77	30kHz	20MHz	CP-16QAM	High	Inner_Full	22.36	24.31	30.00	PASS
N77	30kHz	20MHz	CP-64QAM	Low	Inner_1RB_Left	20.48	22.43	30.00	PASS
N77	30kHz	20MHz	CP-64QAM	Low	Inner_1RB_Right	20.42	22.37	30.00	PASS
N77	30kHz	20MHz	CP-64QAM	Low	Inner_Full	20.74	22.69	30.00	PASS
N77	30kHz	20MHz	CP-64QAM	Mid	Inner_1RB_Left	20.62	22.57	30.00	PASS
N77	30kHz	20MHz	CP-64QAM	Mid	Inner_1RB_Right	20.59	22.54	30.00	PASS



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N77	30kHz	20MHz	CP-64QAM	Mid	Inner_Full	20.95	22.90	30.00	PASS
N77	30kHz	20MHz	CP-64QAM	High	Inner_1RB_Left	21.09	23.04	30.00	PASS
N77	30kHz	20MHz	CP-64QAM	High	Inner_1RB_Right	21.03	22.98	30.00	PASS
N77	30kHz	20MHz	CP-64QAM	High	Inner_Full	21.02	22.97	30.00	PASS
N77	30kHz	20MHz	CP-256QAM	Low	Inner_1RB_Left	17.55	19.50	30.00	PASS
N77	30kHz	20MHz	CP-256QAM	Low	Inner_1RB_Right	17.50	19.45	30.00	PASS
N77	30kHz	20MHz	CP-256QAM	Low	Inner_Full	17.69	19.64	30.00	PASS
N77	30kHz	20MHz	CP-256QAM	Mid	Inner_1RB_Left	17.81	19.76	30.00	PASS
N77	30kHz	20MHz	CP-256QAM	Mid	Inner_1RB_Right	17.74	19.69	30.00	PASS
N77	30kHz	20MHz	CP-256QAM	Mid	Inner_Full	17.89	19.84	30.00	PASS
N77	30kHz	20MHz	CP-256QAM	High	Inner_1RB_Left	17.96	19.91	30.00	PASS
N77	30kHz	20MHz	CP-256QAM	High	Inner_1RB_Right	17.87	19.82	30.00	PASS
N77	30kHz	20MHz	CP-256QAM	High	Inner_Full	18.00	19.95	30.00	PASS
N77	30kHz	40MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.55	25.50	30.00	PASS
N77	30kHz	40MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.66	25.61	30.00	PASS
N77	30kHz	40MHz	DFT-PI2BPSK	Low	Inner_Full	24.04	25.99	30.00	PASS
N77	30kHz	40MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.69	25.64	30.00	PASS
N77	30kHz	40MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.78	25.73	30.00	PASS
N77	30kHz	40MHz	DFT-PI2BPSK	Mid	Inner_Full	24.38	26.33	30.00	PASS
N77	30kHz	40MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.80	25.75	30.00	PASS
N77	30kHz	40MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.94	25.89	30.00	PASS
N77	30kHz	40MHz	DFT-PI2BPSK	High	Inner_Full	24.42	26.37	30.00	PASS
N77	30kHz	40MHz	DFT-QPSK	Low	Inner_1RB_Left	23.52	25.47	30.00	PASS
N77	30kHz	40MHz	DFT-QPSK	Low	Inner_1RB_Right	23.66	25.61	30.00	PASS
N77	30kHz	40MHz	DFT-QPSK	Low	Inner_Full	24.04	25.99	30.00	PASS
N77	30kHz	40MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.70	25.65	30.00	PASS
N77	30kHz	40MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.77	25.72	30.00	PASS
N77	30kHz	40MHz	DFT-QPSK	Mid	Inner_Full	24.36	26.31	30.00	PASS
N77	30kHz	40MHz	DFT-QPSK	High	Inner_1RB_Left	23.79	25.74	30.00	PASS
N77	30kHz	40MHz	DFT-QPSK	High	Inner_1RB_Right	23.95	25.90	30.00	PASS
N77	30kHz	40MHz	DFT-QPSK	High	Inner_Full	24.41	26.36	30.00	PASS
N77	30kHz	40MHz	DFT-16QAM	Low	Inner_1RB_Left	22.49	24.44	30.00	PASS
N77	30kHz	40MHz	DFT-16QAM	Low	Inner_1RB_Right	22.74	24.69	30.00	PASS
N77	30kHz	40MHz	DFT-16QAM	Low	Inner_Full	23.03	24.98	30.00	PASS
N77	30kHz	40MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.91	24.86	30.00	PASS
N77	30kHz	40MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.76	24.71	30.00	PASS
N77	30kHz	40MHz	DFT-16QAM	Mid	Inner_Full	23.34	25.29	30.00	PASS



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N77	30kHz	40MHz	DFT-16QAM	High	Inner_1RB_Left	22.75	24.70	30.00	PASS
N77	30kHz	40MHz	DFT-16QAM	High	Inner_1RB_Right	23.12	25.07	30.00	PASS
N77	30kHz	40MHz	DFT-16QAM	High	Inner_Full	23.43	25.38	30.00	PASS
N77	30kHz	40MHz	DFT-64QAM	Low	Inner_1RB_Left	21.09	23.04	30.00	PASS
N77	30kHz	40MHz	DFT-64QAM	Low	Inner_1RB_Right	21.21	23.16	30.00	PASS
N77	30kHz	40MHz	DFT-64QAM	Low	Inner_Full	21.66	23.61	30.00	PASS
N77	30kHz	40MHz	DFT-64QAM	Mid	Inner_1RB_Left	21.26	23.21	30.00	PASS
N77	30kHz	40MHz	DFT-64QAM	Mid	Inner_1RB_Right	21.37	23.32	30.00	PASS
N77	30kHz	40MHz	DFT-64QAM	Mid	Inner_Full	21.96	23.91	30.00	PASS
N77	30kHz	40MHz	DFT-64QAM	High	Inner_1RB_Left	21.33	23.28	30.00	PASS
N77	30kHz	40MHz	DFT-64QAM	High	Inner_1RB_Right	21.53	23.48	30.00	PASS
N77	30kHz	40MHz	DFT-64QAM	High	Inner_Full	22.05	24.00	30.00	PASS
N77	30kHz	40MHz	DFT-256QAM	Low	Inner_1RB_Left	19.33	21.28	30.00	PASS
N77	30kHz	40MHz	DFT-256QAM	Low	Inner_1RB_Right	19.45	21.40	30.00	PASS
N77	30kHz	40MHz	DFT-256QAM	Low	Inner_Full	19.62	21.57	30.00	PASS
N77	30kHz	40MHz	DFT-256QAM	Mid	Inner_1RB_Left	19.38	21.33	30.00	PASS
N77	30kHz	40MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.48	21.43	30.00	PASS
N77	30kHz	40MHz	DFT-256QAM	Mid	Inner_Full	19.96	21.91	30.00	PASS
N77	30kHz	40MHz	DFT-256QAM	High	Inner_1RB_Left	19.66	21.61	30.00	PASS
N77	30kHz	40MHz	DFT-256QAM	High	Inner_1RB_Right	19.74	21.69	30.00	PASS
N77	30kHz	40MHz	DFT-256QAM	High	Inner_Full	19.98	21.93	30.00	PASS
N77	30kHz	40MHz	CP-QPSK	Low	Inner_1RB_Left	22.15	24.10	30.00	PASS
N77	30kHz	40MHz	CP-QPSK	Low	Inner_1RB_Right	22.25	24.20	30.00	PASS
N77	30kHz	40MHz	CP-QPSK	Low	Inner_Full	22.50	24.45	30.00	PASS
N77	30kHz	40MHz	CP-QPSK	Mid	Inner_1RB_Left	22.30	24.25	30.00	PASS
N77	30kHz	40MHz	CP-QPSK	Mid	Inner_1RB_Right	22.36	24.31	30.00	PASS
N77	30kHz	40MHz	CP-QPSK	Mid	Inner_Full	22.79	24.74	30.00	PASS
N77	30kHz	40MHz	CP-QPSK	High	Inner_1RB_Left	22.45	24.40	30.00	PASS
N77	30kHz	40MHz	CP-QPSK	High	Inner_1RB_Right	22.55	24.50	30.00	PASS
N77	30kHz	40MHz	CP-QPSK	High	Inner_Full	22.85	24.80	30.00	PASS
N77	30kHz	40MHz	CP-16QAM	Low	Inner_1RB_Left	21.76	23.71	30.00	PASS
N77	30kHz	40MHz	CP-16QAM	Low	Inner_1RB_Right	22.04	23.99	30.00	PASS
N77	30kHz	40MHz	CP-16QAM	Low	Inner_Full	22.11	24.06	30.00	PASS
N77	30kHz	40MHz	CP-16QAM	Mid	Inner_1RB_Left	21.98	23.93	30.00	PASS
N77	30kHz	40MHz	CP-16QAM	Mid	Inner_1RB_Right	22.03	23.98	30.00	PASS
N77	30kHz	40MHz	CP-16QAM	Mid	Inner_Full	22.28	24.23	30.00	PASS
N77	30kHz	40MHz	CP-16QAM	High	Inner_1RB_Left	21.99	23.94	30.00	PASS



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N77	30kHz	40MHz	CP-16QAM	High	Inner_1RB_Right	22.03	23.98	30.00	PASS
N77	30kHz	40MHz	CP-16QAM	High	Inner_Full	22.34	24.29	30.00	PASS
N77	30kHz	40MHz	CP-64QAM	Low	Inner_1RB_Left	20.05	22.00	30.00	PASS
N77	30kHz	40MHz	CP-64QAM	Low	Inner_1RB_Right	20.17	22.12	30.00	PASS
N77	30kHz	40MHz	CP-64QAM	Low	Inner_Full	20.62	22.57	30.00	PASS
N77	30kHz	40MHz	CP-64QAM	Mid	Inner_1RB_Left	20.24	22.19	30.00	PASS
N77	30kHz	40MHz	CP-64QAM	Mid	Inner_1RB_Right	20.29	22.24	30.00	PASS
N77	30kHz	40MHz	CP-64QAM	Mid	Inner_Full	20.90	22.85	30.00	PASS
N77	30kHz	40MHz	CP-64QAM	High	Inner_1RB_Left	20.35	22.30	30.00	PASS
N77	30kHz	40MHz	CP-64QAM	High	Inner_1RB_Right	20.70	22.65	30.00	PASS
N77	30kHz	40MHz	CP-64QAM	High	Inner_Full	20.95	22.90	30.00	PASS
N77	30kHz	40MHz	CP-256QAM	Low	Inner_1RB_Left	17.31	19.26	30.00	PASS
N77	30kHz	40MHz	CP-256QAM	Low	Inner_1RB_Right	17.41	19.36	30.00	PASS
N77	30kHz	40MHz	CP-256QAM	Low	Inner_Full	17.56	19.51	30.00	PASS
N77	30kHz	40MHz	CP-256QAM	Mid	Inner_1RB_Left	17.53	19.48	30.00	PASS
N77	30kHz	40MHz	CP-256QAM	Mid	Inner_1RB_Right	17.62	19.57	30.00	PASS
N77	30kHz	40MHz	CP-256QAM	Mid	Inner_Full	17.90	19.85	30.00	PASS
N77	30kHz	40MHz	CP-256QAM	High	Inner_1RB_Left	17.60	19.55	30.00	PASS
N77	30kHz	40MHz	CP-256QAM	High	Inner_1RB_Right	17.67	19.62	30.00	PASS
N77	30kHz	40MHz	CP-256QAM	High	Inner_Full	17.94	19.89	30.00	PASS
N77	30kHz	50MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.65	25.60	30.00	PASS
N77	30kHz	50MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.91	25.86	30.00	PASS
N77	30kHz	50MHz	DFT-PI2BPSK	Low	Inner_Full	24.01	25.96	30.00	PASS
N77	30kHz	50MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.94	25.89	30.00	PASS
N77	30kHz	50MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	24.07	26.02	30.00	PASS
N77	30kHz	50MHz	DFT-PI2BPSK	Mid	Inner_Full	24.39	26.34	30.00	PASS
N77	30kHz	50MHz	DFT-PI2BPSK	High	Inner_1RB_Left	24.10	26.05	30.00	PASS
N77	30kHz	50MHz	DFT-PI2BPSK	High	Inner_1RB_Right	24.02	25.97	30.00	PASS
N77	30kHz	50MHz	DFT-PI2BPSK	High	Inner_Full	24.43	26.38	30.00	PASS
N77	30kHz	50MHz	DFT-QPSK	Low	Inner_1RB_Left	23.64	25.59	30.00	PASS
N77	30kHz	50MHz	DFT-QPSK	Low	Inner_1RB_Right	23.89	25.84	30.00	PASS
N77	30kHz	50MHz	DFT-QPSK	Low	Inner_Full	23.98	25.93	30.00	PASS
N77	30kHz	50MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.94	25.89	30.00	PASS
N77	30kHz	50MHz	DFT-QPSK	Mid	Inner_1RB_Right	24.06	26.01	30.00	PASS
N77	30kHz	50MHz	DFT-QPSK	Mid	Inner_Full	24.37	26.32	30.00	PASS
N77	30kHz	50MHz	DFT-QPSK	High	Inner_1RB_Left	24.07	26.02	30.00	PASS
N77	30kHz	50MHz	DFT-QPSK	High	Inner_1RB_Right	24.00	25.95	30.00	PASS



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N77	30kHz	50MHz	DFT-QPSK	High	Inner_Full	24.43	26.38	30.00	PASS
N77	30kHz	50MHz	DFT-16QAM	Low	Inner_1RB_Left	22.80	24.75	30.00	PASS
N77	30kHz	50MHz	DFT-16QAM	Low	Inner_1RB_Right	22.84	24.79	30.00	PASS
N77	30kHz	50MHz	DFT-16QAM	Low	Inner_Full	23.00	24.95	30.00	PASS
N77	30kHz	50MHz	DFT-16QAM	Mid	Inner_1RB_Left	23.06	25.01	30.00	PASS
N77	30kHz	50MHz	DFT-16QAM	Mid	Inner_1RB_Right	23.11	25.06	30.00	PASS
N77	30kHz	50MHz	DFT-16QAM	Mid	Inner_Full	23.38	25.33	30.00	PASS
N77	30kHz	50MHz	DFT-16QAM	High	Inner_1RB_Left	22.95	24.90	30.00	PASS
N77	30kHz	50MHz	DFT-16QAM	High	Inner_1RB_Right	22.93	24.88	30.00	PASS
N77	30kHz	50MHz	DFT-16QAM	High	Inner_Full	23.39	25.34	30.00	PASS
N77	30kHz	50MHz	DFT-64QAM	Low	Inner_1RB_Left	21.30	23.25	30.00	PASS
N77	30kHz	50MHz	DFT-64QAM	Low	Inner_1RB_Right	21.46	23.41	30.00	PASS
N77	30kHz	50MHz	DFT-64QAM	Low	Inner_Full	21.62	23.57	30.00	PASS
N77	30kHz	50MHz	DFT-64QAM	Mid	Inner_1RB_Left	21.51	23.46	30.00	PASS
N77	30kHz	50MHz	DFT-64QAM	Mid	Inner_1RB_Right	21.59	23.54	30.00	PASS
N77	30kHz	50MHz	DFT-64QAM	Mid	Inner_Full	21.98	23.93	30.00	PASS
N77	30kHz	50MHz	DFT-64QAM	High	Inner_1RB_Left	21.65	23.60	30.00	PASS
N77	30kHz	50MHz	DFT-64QAM	High	Inner_1RB_Right	21.54	23.49	30.00	PASS
N77	30kHz	50MHz	DFT-64QAM	High	Inner_Full	22.02	23.97	30.00	PASS
N77	30kHz	50MHz	DFT-256QAM	Low	Inner_1RB_Left	19.40	21.35	30.00	PASS
N77	30kHz	50MHz	DFT-256QAM	Low	Inner_1RB_Right	19.64	21.59	30.00	PASS
N77	30kHz	50MHz	DFT-256QAM	Low	Inner_Full	19.59	21.54	30.00	PASS
N77	30kHz	50MHz	DFT-256QAM	Mid	Inner_1RB_Left	19.78	21.73	30.00	PASS
N77	30kHz	50MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.85	21.80	30.00	PASS
N77	30kHz	50MHz	DFT-256QAM	Mid	Inner_Full	19.95	21.90	30.00	PASS
N77	30kHz	50MHz	DFT-256QAM	High	Inner_1RB_Left	19.89	21.84	30.00	PASS
N77	30kHz	50MHz	DFT-256QAM	High	Inner_1RB_Right	19.83	21.78	30.00	PASS
N77	30kHz	50MHz	DFT-256QAM	High	Inner_Full	19.99	21.94	30.00	PASS
N77	30kHz	50MHz	CP-QPSK	Low	Inner_1RB_Left	22.23	24.18	30.00	PASS
N77	30kHz	50MHz	CP-QPSK	Low	Inner_1RB_Right	22.51	24.46	30.00	PASS
N77	30kHz	50MHz	CP-QPSK	Low	Inner_Full	22.54	24.49	30.00	PASS
N77	30kHz	50MHz	CP-QPSK	Mid	Inner_1RB_Left	22.60	24.55	30.00	PASS
N77	30kHz	50MHz	CP-QPSK	Mid	Inner_1RB_Right	22.66	24.61	30.00	PASS
N77	30kHz	50MHz	CP-QPSK	Mid	Inner_Full	22.84	24.79	30.00	PASS
N77	30kHz	50MHz	CP-QPSK	High	Inner_1RB_Left	22.71	24.66	30.00	PASS
N77	30kHz	50MHz	CP-QPSK	High	Inner_1RB_Right	22.61	24.56	30.00	PASS
N77	30kHz	50MHz	CP-QPSK	High	Inner_Full	22.86	24.81	30.00	PASS



N77	30kHz	50MHz	CP-16QAM	Low	Inner_1RB_Left	21.93	23.88	30.00	PASS
N77	30kHz	50MHz	CP-16QAM	Low	Inner_1RB_Right	22.22	24.17	30.00	PASS
N77	30kHz	50MHz	CP-16QAM	Low	Inner_Full	22.12	24.07	30.00	PASS
N77	30kHz	50MHz	CP-16QAM	Mid	Inner_1RB_Left	22.29	24.24	30.00	PASS
N77	30kHz	50MHz	CP-16QAM	Mid	Inner_1RB_Right	22.19	24.14	30.00	PASS
N77	30kHz	50MHz	CP-16QAM	Mid	Inner_Full	22.31	24.26	30.00	PASS
N77	30kHz	50MHz	CP-16QAM	High	Inner_1RB_Left	22.16	24.11	30.00	PASS
N77	30kHz	50MHz	CP-16QAM	High	Inner_1RB_Right	22.16	24.11	30.00	PASS
N77	30kHz	50MHz	CP-16QAM	High	Inner_Full	22.36	24.31	30.00	PASS
N77	30kHz	50MHz	CP-64QAM	Low	Inner_1RB_Left	20.47	22.42	30.00	PASS
N77	30kHz	50MHz	CP-64QAM	Low	Inner_1RB_Right	20.47	22.42	30.00	PASS
N77	30kHz	50MHz	CP-64QAM	Low	Inner_Full	20.61	22.56	30.00	PASS
N77	30kHz	50MHz	CP-64QAM	Mid	Inner_1RB_Left	20.75	22.70	30.00	PASS
N77	30kHz	50MHz	CP-64QAM	Mid	Inner_1RB_Right	20.89	22.84	30.00	PASS
N77	30kHz	50MHz	CP-64QAM	Mid	Inner_Full	20.91	22.86	30.00	PASS
N77	30kHz	50MHz	CP-64QAM	High	Inner_1RB_Left	20.64	22.59	30.00	PASS
N77	30kHz	50MHz	CP-64QAM	High	Inner_1RB_Right	20.83	22.78	30.00	PASS
N77	30kHz	50MHz	CP-64QAM	High	Inner_Full	20.94	22.89	30.00	PASS
N77	30kHz	50MHz	CP-256QAM	Low	Inner_1RB_Left	17.42	19.37	30.00	PASS
N77	30kHz	50MHz	CP-256QAM	Low	Inner_1RB_Right	17.68	19.63	30.00	PASS
N77	30kHz	50MHz	CP-256QAM	Low	Inner_Full	17.58	19.53	30.00	PASS
N77	30kHz	50MHz	CP-256QAM	Mid	Inner_1RB_Left	17.71	19.66	30.00	PASS
N77	30kHz	50MHz	CP-256QAM	Mid	Inner_1RB_Right	17.91	19.86	30.00	PASS
N77	30kHz	50MHz	CP-256QAM	Mid	Inner_Full	17.93	19.88	30.00	PASS
N77	30kHz	50MHz	CP-256QAM	High	Inner_1RB_Left	17.92	19.87	30.00	PASS
N77	30kHz	50MHz	CP-256QAM	High	Inner_1RB_Right	17.77	19.72	30.00	PASS
N77	30kHz	50MHz	CP-256QAM	High	Inner_Full	17.97	19.92	30.00	PASS
N77	30kHz	60MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.55	25.50	30.00	PASS
N77	30kHz	60MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.53	25.48	30.00	PASS
N77	30kHz	60MHz	DFT-PI2BPSK	Low	Inner_Full	24.05	26.00	30.00	PASS
N77	30kHz	60MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.80	25.75	30.00	PASS
N77	30kHz	60MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.94	25.89	30.00	PASS
N77	30kHz	60MHz	DFT-PI2BPSK	Mid	Inner_Full	24.35	26.30	30.00	PASS
N77	30kHz	60MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.68	25.63	30.00	PASS
N77	30kHz	60MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.95	25.90	30.00	PASS
N77	30kHz	60MHz	DFT-PI2BPSK	High	Inner_Full	24.37	26.32	30.00	PASS
N77	30kHz	60MHz	DFT-QPSK	Low	Inner_1RB_Left	23.52	25.47	30.00	PASS



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N77	30kHz	60MHz	DFT-QPSK	Low	Inner_1RB_Right	23.51	25.46	30.00	PASS
N77	30kHz	60MHz	DFT-QPSK	Low	Inner_Full	24.03	25.98	30.00	PASS
N77	30kHz	60MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.78	25.73	30.00	PASS
N77	30kHz	60MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.93	25.88	30.00	PASS
N77	30kHz	60MHz	DFT-QPSK	Mid	Inner_Full	24.34	26.29	30.00	PASS
N77	30kHz	60MHz	DFT-QPSK	High	Inner_1RB_Left	23.65	25.60	30.00	PASS
N77	30kHz	60MHz	DFT-QPSK	High	Inner_1RB_Right	23.94	25.89	30.00	PASS
N77	30kHz	60MHz	DFT-QPSK	High	Inner_Full	24.38	26.33	30.00	PASS
N77	30kHz	60MHz	DFT-16QAM	Low	Inner_1RB_Left	22.67	24.62	30.00	PASS
N77	30kHz	60MHz	DFT-16QAM	Low	Inner_1RB_Right	22.73	24.68	30.00	PASS
N77	30kHz	60MHz	DFT-16QAM	Low	Inner_Full	23.00	24.95	30.00	PASS
N77	30kHz	60MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.95	24.90	30.00	PASS
N77	30kHz	60MHz	DFT-16QAM	Mid	Inner_1RB_Right	23.06	25.01	30.00	PASS
N77	30kHz	60MHz	DFT-16QAM	Mid	Inner_Full	23.32	25.27	30.00	PASS
N77	30kHz	60MHz	DFT-16QAM	High	Inner_1RB_Left	22.56	24.51	30.00	PASS
N77	30kHz	60MHz	DFT-16QAM	High	Inner_1RB_Right	22.81	24.76	30.00	PASS
N77	30kHz	60MHz	DFT-16QAM	High	Inner_Full	23.36	25.31	30.00	PASS
N77	30kHz	60MHz	DFT-64QAM	Low	Inner_1RB_Left	21.11	23.06	30.00	PASS
N77	30kHz	60MHz	DFT-64QAM	Low	Inner_1RB_Right	21.16	23.11	30.00	PASS
N77	30kHz	60MHz	DFT-64QAM	Low	Inner_Full	21.67	23.62	30.00	PASS
N77	30kHz	60MHz	DFT-64QAM	Mid	Inner_1RB_Left	21.44	23.39	30.00	PASS
N77	30kHz	60MHz	DFT-64QAM	Mid	Inner_1RB_Right	21.60	23.55	30.00	PASS
N77	30kHz	60MHz	DFT-64QAM	Mid	Inner_Full	21.98	23.93	30.00	PASS
N77	30kHz	60MHz	DFT-64QAM	High	Inner_1RB_Left	21.17	23.12	30.00	PASS
N77	30kHz	60MHz	DFT-64QAM	High	Inner_1RB_Right	21.67	23.62	30.00	PASS
N77	30kHz	60MHz	DFT-64QAM	High	Inner_Full	21.99	23.94	30.00	PASS
N77	30kHz	60MHz	DFT-256QAM	Low	Inner_1RB_Left	19.37	21.32	30.00	PASS
N77	30kHz	60MHz	DFT-256QAM	Low	Inner_1RB_Right	19.31	21.26	30.00	PASS
N77	30kHz	60MHz	DFT-256QAM	Low	Inner_Full	19.63	21.58	30.00	PASS
N77	30kHz	60MHz	DFT-256QAM	Mid	Inner_1RB_Left	19.63	21.58	30.00	PASS
N77	30kHz	60MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.74	21.69	30.00	PASS
N77	30kHz	60MHz	DFT-256QAM	Mid	Inner_Full	19.95	21.90	30.00	PASS
N77	30kHz	60MHz	DFT-256QAM	High	Inner_1RB_Left	19.32	21.27	30.00	PASS
N77	30kHz	60MHz	DFT-256QAM	High	Inner_1RB_Right	19.59	21.54	30.00	PASS
N77	30kHz	60MHz	DFT-256QAM	High	Inner_Full	19.94	21.89	30.00	PASS
N77	30kHz	60MHz	CP-QPSK	Low	Inner_1RB_Left	22.11	24.06	30.00	PASS
N77	30kHz	60MHz	CP-QPSK	Low	Inner_1RB_Right	22.16	24.11	30.00	PASS



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N77	30kHz	60MHz	CP-QPSK	Low	Inner_Full	22.50	24.45	30.00	PASS
N77	30kHz	60MHz	CP-QPSK	Mid	Inner_1RB_Left	22.38	24.33	30.00	PASS
N77	30kHz	60MHz	CP-QPSK	Mid	Inner_1RB_Right	22.65	24.60	30.00	PASS
N77	30kHz	60MHz	CP-QPSK	Mid	Inner_Full	22.82	24.77	30.00	PASS
N77	30kHz	60MHz	CP-QPSK	High	Inner_1RB_Left	22.26	24.21	30.00	PASS
N77	30kHz	60MHz	CP-QPSK	High	Inner_1RB_Right	22.61	24.56	30.00	PASS
N77	30kHz	60MHz	CP-QPSK	High	Inner_Full	22.79	24.74	30.00	PASS
N77	30kHz	60MHz	CP-16QAM	Low	Inner_1RB_Left	21.78	23.73	30.00	PASS
N77	30kHz	60MHz	CP-16QAM	Low	Inner_1RB_Right	22.02	23.97	30.00	PASS
N77	30kHz	60MHz	CP-16QAM	Low	Inner_Full	22.15	24.10	30.00	PASS
N77	30kHz	60MHz	CP-16QAM	Mid	Inner_1RB_Left	21.87	23.82	30.00	PASS
N77	30kHz	60MHz	CP-16QAM	Mid	Inner_1RB_Right	22.24	24.19	30.00	PASS
N77	30kHz	60MHz	CP-16QAM	Mid	Inner_Full	22.30	24.25	30.00	PASS
N77	30kHz	60MHz	CP-16QAM	High	Inner_1RB_Left	21.70	23.65	30.00	PASS
N77	30kHz	60MHz	CP-16QAM	High	Inner_1RB_Right	22.25	24.20	30.00	PASS
N77	30kHz	60MHz	CP-16QAM	High	Inner_Full	22.34	24.29	30.00	PASS
N77	30kHz	60MHz	CP-64QAM	Low	Inner_1RB_Left	20.08	22.03	30.00	PASS
N77	30kHz	60MHz	CP-64QAM	Low	Inner_1RB_Right	20.39	22.34	30.00	PASS
N77	30kHz	60MHz	CP-64QAM	Low	Inner_Full	20.64	22.59	30.00	PASS
N77	30kHz	60MHz	CP-64QAM	Mid	Inner_1RB_Left	20.33	22.28	30.00	PASS
N77	30kHz	60MHz	CP-64QAM	Mid	Inner_1RB_Right	20.94	22.89	30.00	PASS
N77	30kHz	60MHz	CP-64QAM	Mid	Inner_Full	20.92	22.87	30.00	PASS
N77	30kHz	60MHz	CP-64QAM	High	Inner_1RB_Left	20.48	22.43	30.00	PASS
N77	30kHz	60MHz	CP-64QAM	High	Inner_1RB_Right	20.85	22.80	30.00	PASS
N77	30kHz	60MHz	CP-64QAM	High	Inner_Full	20.93	22.88	30.00	PASS
N77	30kHz	60MHz	CP-256QAM	Low	Inner_1RB_Left	17.38	19.33	30.00	PASS
N77	30kHz	60MHz	CP-256QAM	Low	Inner_1RB_Right	17.33	19.28	30.00	PASS
N77	30kHz	60MHz	CP-256QAM	Low	Inner_Full	17.58	19.53	30.00	PASS
N77	30kHz	60MHz	CP-256QAM	Mid	Inner_1RB_Left	17.69	19.64	30.00	PASS
N77	30kHz	60MHz	CP-256QAM	Mid	Inner_1RB_Right	17.91	19.86	30.00	PASS
N77	30kHz	60MHz	CP-256QAM	Mid	Inner_Full	17.88	19.83	30.00	PASS
N77	30kHz	60MHz	CP-256QAM	High	Inner_1RB_Left	17.54	19.49	30.00	PASS
N77	30kHz	60MHz	CP-256QAM	High	Inner_1RB_Right	17.90	19.85	30.00	PASS
N77	30kHz	60MHz	CP-256QAM	High	Inner_Full	17.90	19.85	30.00	PASS
N77	30kHz	80MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.70	25.65	30.00	PASS
N77	30kHz	80MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.90	25.85	30.00	PASS
N77	30kHz	80MHz	DFT-PI2BPSK	Low	Inner_Full	24.41	26.36	30.00	PASS



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N77	30kHz	80MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.61	25.56	30.00	PASS
N77	30kHz	80MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.67	25.62	30.00	PASS
N77	30kHz	80MHz	DFT-PI2BPSK	Mid	Inner_Full	24.32	26.27	30.00	PASS
N77	30kHz	80MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.51	25.46	30.00	PASS
N77	30kHz	80MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.74	25.69	30.00	PASS
N77	30kHz	80MHz	DFT-PI2BPSK	High	Inner_Full	24.34	26.29	30.00	PASS
N77	30kHz	80MHz	DFT-QPSK	Low	Inner_1RB_Left	23.69	25.64	30.00	PASS
N77	30kHz	80MHz	DFT-QPSK	Low	Inner_1RB_Right	23.92	25.87	30.00	PASS
N77	30kHz	80MHz	DFT-QPSK	Low	Inner_Full	24.39	26.34	30.00	PASS
N77	30kHz	80MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.59	25.54	30.00	PASS
N77	30kHz	80MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.66	25.61	30.00	PASS
N77	30kHz	80MHz	DFT-QPSK	Mid	Inner_Full	24.31	26.26	30.00	PASS
N77	30kHz	80MHz	DFT-QPSK	High	Inner_1RB_Left	23.57	25.52	30.00	PASS
N77	30kHz	80MHz	DFT-QPSK	High	Inner_1RB_Right	23.74	25.69	30.00	PASS
N77	30kHz	80MHz	DFT-QPSK	High	Inner_Full	24.32	26.27	30.00	PASS
N77	30kHz	80MHz	DFT-16QAM	Low	Inner_1RB_Left	22.88	24.83	30.00	PASS
N77	30kHz	80MHz	DFT-16QAM	Low	Inner_1RB_Right	22.84	24.79	30.00	PASS
N77	30kHz	80MHz	DFT-16QAM	Low	Inner_Full	23.38	25.33	30.00	PASS
N77	30kHz	80MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.56	24.51	30.00	PASS
N77	30kHz	80MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.62	24.57	30.00	PASS
N77	30kHz	80MHz	DFT-16QAM	Mid	Inner_Full	23.32	25.27	30.00	PASS
N77	30kHz	80MHz	DFT-16QAM	High	Inner_1RB_Left	22.48	24.43	30.00	PASS
N77	30kHz	80MHz	DFT-16QAM	High	Inner_1RB_Right	22.57	24.52	30.00	PASS
N77	30kHz	80MHz	DFT-16QAM	High	Inner_Full	23.33	25.28	30.00	PASS
N77	30kHz	80MHz	DFT-64QAM	Low	Inner_1RB_Left	21.38	23.33	30.00	PASS
N77	30kHz	80MHz	DFT-64QAM	Low	Inner_1RB_Right	21.57	23.52	30.00	PASS
N77	30kHz	80MHz	DFT-64QAM	Low	Inner_Full	22.06	24.01	30.00	PASS
N77	30kHz	80MHz	DFT-64QAM	Mid	Inner_1RB_Left	21.28	23.23	30.00	PASS
N77	30kHz	80MHz	DFT-64QAM	Mid	Inner_1RB_Right	21.34	23.29	30.00	PASS
N77	30kHz	80MHz	DFT-64QAM	Mid	Inner_Full	21.97	23.92	30.00	PASS
N77	30kHz	80MHz	DFT-64QAM	High	Inner_1RB_Left	21.29	23.24	30.00	PASS
N77	30kHz	80MHz	DFT-64QAM	High	Inner_1RB_Right	21.32	23.27	30.00	PASS
N77	30kHz	80MHz	DFT-64QAM	High	Inner_Full	22.00	23.95	30.00	PASS
N77	30kHz	80MHz	DFT-256QAM	Low	Inner_1RB_Left	19.57	21.52	30.00	PASS
N77	30kHz	80MHz	DFT-256QAM	Low	Inner_1RB_Right	19.78	21.73	30.00	PASS
N77	30kHz	80MHz	DFT-256QAM	Low	Inner_Full	20.03	21.98	30.00	PASS
N77	30kHz	80MHz	DFT-256QAM	Mid	Inner_1RB_Left	19.45	21.40	30.00	PASS



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N77	30kHz	80MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.57	21.52	30.00	PASS
N77	30kHz	80MHz	DFT-256QAM	Mid	Inner_Full	19.96	21.91	30.00	PASS
N77	30kHz	80MHz	DFT-256QAM	High	Inner_1RB_Left	19.43	21.38	30.00	PASS
N77	30kHz	80MHz	DFT-256QAM	High	Inner_1RB_Right	19.62	21.57	30.00	PASS
N77	30kHz	80MHz	DFT-256QAM	High	Inner_Full	19.98	21.93	30.00	PASS
N77	30kHz	80MHz	CP-QPSK	Low	Inner_1RB_Left	22.25	24.20	30.00	PASS
N77	30kHz	80MHz	CP-QPSK	Low	Inner_1RB_Right	22.48	24.43	30.00	PASS
N77	30kHz	80MHz	CP-QPSK	Low	Inner_Full	22.80	24.75	30.00	PASS
N77	30kHz	80MHz	CP-QPSK	Mid	Inner_1RB_Left	22.18	24.13	30.00	PASS
N77	30kHz	80MHz	CP-QPSK	Mid	Inner_1RB_Right	22.25	24.20	30.00	PASS
N77	30kHz	80MHz	CP-QPSK	Mid	Inner_Full	22.73	24.68	30.00	PASS
N77	30kHz	80MHz	CP-QPSK	High	Inner_1RB_Left	22.15	24.10	30.00	PASS
N77	30kHz	80MHz	CP-QPSK	High	Inner_1RB_Right	22.30	24.25	30.00	PASS
N77	30kHz	80MHz	CP-QPSK	High	Inner_Full	22.75	24.70	30.00	PASS
N77	30kHz	80MHz	CP-16QAM	Low	Inner_1RB_Left	22.05	24.00	30.00	PASS
N77	30kHz	80MHz	CP-16QAM	Low	Inner_1RB_Right	22.17	24.12	30.00	PASS
N77	30kHz	80MHz	CP-16QAM	Low	Inner_Full	22.51	24.46	30.00	PASS
N77	30kHz	80MHz	CP-16QAM	Mid	Inner_1RB_Left	21.86	23.81	30.00	PASS
N77	30kHz	80MHz	CP-16QAM	Mid	Inner_1RB_Right	21.92	23.87	30.00	PASS
N77	30kHz	80MHz	CP-16QAM	Mid	Inner_Full	22.28	24.23	30.00	PASS
N77	30kHz	80MHz	CP-16QAM	High	Inner_1RB_Left	21.83	23.78	30.00	PASS
N77	30kHz	80MHz	CP-16QAM	High	Inner_1RB_Right	21.76	23.71	30.00	PASS
N77	30kHz	80MHz	CP-16QAM	High	Inner_Full	22.27	24.22	30.00	PASS
N77	30kHz	80MHz	CP-64QAM	Low	Inner_1RB_Left	20.56	22.51	30.00	PASS
N77	30kHz	80MHz	CP-64QAM	Low	Inner_1RB_Right	20.56	22.51	30.00	PASS
N77	30kHz	80MHz	CP-64QAM	Low	Inner_Full	20.96	22.91	30.00	PASS
N77	30kHz	80MHz	CP-64QAM	Mid	Inner_1RB_Left	20.23	22.18	30.00	PASS
N77	30kHz	80MHz	CP-64QAM	Mid	Inner_1RB_Right	20.60	22.55	30.00	PASS
N77	30kHz	80MHz	CP-64QAM	Mid	Inner_Full	20.90	22.85	30.00	PASS
N77	30kHz	80MHz	CP-64QAM	High	Inner_1RB_Left	20.21	22.16	30.00	PASS
N77	30kHz	80MHz	CP-64QAM	High	Inner_1RB_Right	20.34	22.29	30.00	PASS
N77	30kHz	80MHz	CP-64QAM	High	Inner_Full	20.91	22.86	30.00	PASS
N77	30kHz	80MHz	CP-256QAM	Low	Inner_1RB_Left	17.60	19.55	30.00	PASS
N77	30kHz	80MHz	CP-256QAM	Low	Inner_1RB_Right	17.76	19.71	30.00	PASS
N77	30kHz	80MHz	CP-256QAM	Low	Inner_Full	17.90	19.85	30.00	PASS
N77	30kHz	80MHz	CP-256QAM	Mid	Inner_1RB_Left	17.44	19.39	30.00	PASS
N77	30kHz	80MHz	CP-256QAM	Mid	Inner_1RB_Right	17.59	19.54	30.00	PASS



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N77	30kHz	80MHz	CP-256QAM	Mid	Inner_Full	17.82	19.77	30.00	PASS
N77	30kHz	80MHz	CP-256QAM	High	Inner_1RB_Left	17.55	19.50	30.00	PASS
N77	30kHz	80MHz	CP-256QAM	High	Inner_1RB_Right	17.70	19.65	30.00	PASS
N77	30kHz	80MHz	CP-256QAM	High	Inner_Full	17.86	19.81	30.00	PASS
N77	30kHz	90MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.44	25.39	30.00	PASS
N77	30kHz	90MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.84	25.79	30.00	PASS
N77	30kHz	90MHz	DFT-PI2BPSK	Low	Inner_Full	24.33	26.28	30.00	PASS
N77	30kHz	90MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.39	25.34	30.00	PASS
N77	30kHz	90MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.51	25.46	30.00	PASS
N77	30kHz	90MHz	DFT-PI2BPSK	Mid	Inner_Full	24.27	26.22	30.00	PASS
N77	30kHz	90MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.44	25.39	30.00	PASS
N77	30kHz	90MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.42	25.37	30.00	PASS
N77	30kHz	90MHz	DFT-PI2BPSK	High	Inner_Full	24.27	26.22	30.00	PASS
N77	30kHz	90MHz	DFT-QPSK	Low	Inner_1RB_Left	23.39	25.34	30.00	PASS
N77	30kHz	90MHz	DFT-QPSK	Low	Inner_1RB_Right	23.80	25.75	30.00	PASS
N77	30kHz	90MHz	DFT-QPSK	Low	Inner_Full	24.35	26.30	30.00	PASS
N77	30kHz	90MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.37	25.32	30.00	PASS
N77	30kHz	90MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.52	25.47	30.00	PASS
N77	30kHz	90MHz	DFT-QPSK	Mid	Inner_Full	24.27	26.22	30.00	PASS
N77	30kHz	90MHz	DFT-QPSK	High	Inner_1RB_Left	23.45	25.40	30.00	PASS
N77	30kHz	90MHz	DFT-QPSK	High	Inner_1RB_Right	23.45	25.40	30.00	PASS
N77	30kHz	90MHz	DFT-QPSK	High	Inner_Full	24.28	26.23	30.00	PASS
N77	30kHz	90MHz	DFT-16QAM	Low	Inner_1RB_Left	22.38	24.33	30.00	PASS
N77	30kHz	90MHz	DFT-16QAM	Low	Inner_1RB_Right	22.99	24.94	30.00	PASS
N77	30kHz	90MHz	DFT-16QAM	Low	Inner_Full	23.32	25.27	30.00	PASS
N77	30kHz	90MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.33	24.28	30.00	PASS
N77	30kHz	90MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.43	24.38	30.00	PASS
N77	30kHz	90MHz	DFT-16QAM	Mid	Inner_Full	23.25	25.20	30.00	PASS
N77	30kHz	90MHz	DFT-16QAM	High	Inner_1RB_Left	22.63	24.58	30.00	PASS
N77	30kHz	90MHz	DFT-16QAM	High	Inner_1RB_Right	22.71	24.66	30.00	PASS
N77	30kHz	90MHz	DFT-16QAM	High	Inner_Full	23.28	25.23	30.00	PASS
N77	30kHz	90MHz	DFT-64QAM	Low	Inner_1RB_Left	21.15	23.10	30.00	PASS
N77	30kHz	90MHz	DFT-64QAM	Low	Inner_1RB_Right	21.56	23.51	30.00	PASS
N77	30kHz	90MHz	DFT-64QAM	Low	Inner_Full	21.98	23.93	30.00	PASS
N77	30kHz	90MHz	DFT-64QAM	Mid	Inner_1RB_Left	21.11	23.06	30.00	PASS
N77	30kHz	90MHz	DFT-64QAM	Mid	Inner_1RB_Right	21.29	23.24	30.00	PASS
N77	30kHz	90MHz	DFT-64QAM	Mid	Inner_Full	21.89	23.84	30.00	PASS



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N77	30kHz	90MHz	DFT-64QAM	High	Inner_1RB_Left	21.09	23.04	30.00	PASS
N77	30kHz	90MHz	DFT-64QAM	High	Inner_1RB_Right	21.12	23.07	30.00	PASS
N77	30kHz	90MHz	DFT-64QAM	High	Inner_Full	21.92	23.87	30.00	PASS
N77	30kHz	90MHz	DFT-256QAM	Low	Inner_1RB_Left	19.36	21.31	30.00	PASS
N77	30kHz	90MHz	DFT-256QAM	Low	Inner_1RB_Right	19.78	21.73	30.00	PASS
N77	30kHz	90MHz	DFT-256QAM	Low	Inner_Full	19.96	21.91	30.00	PASS
N77	30kHz	90MHz	DFT-256QAM	Mid	Inner_1RB_Left	19.21	21.16	30.00	PASS
N77	30kHz	90MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.39	21.34	30.00	PASS
N77	30kHz	90MHz	DFT-256QAM	Mid	Inner_Full	19.88	21.83	30.00	PASS
N77	30kHz	90MHz	DFT-256QAM	High	Inner_1RB_Left	19.31	21.26	30.00	PASS
N77	30kHz	90MHz	DFT-256QAM	High	Inner_1RB_Right	19.41	21.36	30.00	PASS
N77	30kHz	90MHz	DFT-256QAM	High	Inner_Full	19.93	21.88	30.00	PASS
N77	30kHz	90MHz	CP-QPSK	Low	Inner_1RB_Left	22.05	24.00	30.00	PASS
N77	30kHz	90MHz	CP-QPSK	Low	Inner_1RB_Right	22.53	24.48	30.00	PASS
N77	30kHz	90MHz	CP-QPSK	Low	Inner_Full	22.79	24.74	30.00	PASS
N77	30kHz	90MHz	CP-QPSK	Mid	Inner_1RB_Left	21.96	23.91	30.00	PASS
N77	30kHz	90MHz	CP-QPSK	Mid	Inner_1RB_Right	22.17	24.12	30.00	PASS
N77	30kHz	90MHz	CP-QPSK	Mid	Inner_Full	22.72	24.67	30.00	PASS
N77	30kHz	90MHz	CP-QPSK	High	Inner_1RB_Left	22.01	23.96	30.00	PASS
N77	30kHz	90MHz	CP-QPSK	High	Inner_1RB_Right	22.13	24.08	30.00	PASS
N77	30kHz	90MHz	CP-QPSK	High	Inner_Full	22.73	24.68	30.00	PASS
N77	30kHz	90MHz	CP-16QAM	Low	Inner_1RB_Left	21.79	23.74	30.00	PASS
N77	30kHz	90MHz	CP-16QAM	Low	Inner_1RB_Right	22.00	23.95	30.00	PASS
N77	30kHz	90MHz	CP-16QAM	Low	Inner_Full	22.48	24.43	30.00	PASS
N77	30kHz	90MHz	CP-16QAM	Mid	Inner_1RB_Left	21.67	23.62	30.00	PASS
N77	30kHz	90MHz	CP-16QAM	Mid	Inner_1RB_Right	21.81	23.76	30.00	PASS
N77	30kHz	90MHz	CP-16QAM	Mid	Inner_Full	22.23	24.18	30.00	PASS
N77	30kHz	90MHz	CP-16QAM	High	Inner_1RB_Left	21.40	23.35	30.00	PASS
N77	30kHz	90MHz	CP-16QAM	High	Inner_1RB_Right	21.75	23.70	30.00	PASS
N77	30kHz	90MHz	CP-16QAM	High	Inner_Full	22.24	24.19	30.00	PASS
N77	30kHz	90MHz	CP-64QAM	Low	Inner_1RB_Left	20.13	22.08	30.00	PASS
N77	30kHz	90MHz	CP-64QAM	Low	Inner_1RB_Right	20.76	22.71	30.00	PASS
N77	30kHz	90MHz	CP-64QAM	Low	Inner_Full	20.95	22.90	30.00	PASS
N77	30kHz	90MHz	CP-64QAM	Mid	Inner_1RB_Left	20.28	22.23	30.00	PASS
N77	30kHz	90MHz	CP-64QAM	Mid	Inner_1RB_Right	20.48	22.43	30.00	PASS
N77	30kHz	90MHz	CP-64QAM	Mid	Inner_Full	20.89	22.84	30.00	PASS
N77	30kHz	90MHz	CP-64QAM	High	Inner_1RB_Left	20.10	22.05	30.00	PASS



N77	30kHz	90MHz	CP-64QAM	High	Inner_1RB_Right	20.40	22.35	30.00	PASS
N77	30kHz	90MHz	CP-64QAM	High	Inner_Full	20.89	22.84	30.00	PASS
N77	30kHz	90MHz	CP-256QAM	Low	Inner_1RB_Left	17.37	19.32	30.00	PASS
N77	30kHz	90MHz	CP-256QAM	Low	Inner_1RB_Right	17.91	19.86	30.00	PASS
N77	30kHz	90MHz	CP-256QAM	Low	Inner_Full	17.90	19.85	30.00	PASS
N77	30kHz	90MHz	CP-256QAM	Mid	Inner_1RB_Left	17.32	19.27	30.00	PASS
N77	30kHz	90MHz	CP-256QAM	Mid	Inner_1RB_Right	17.55	19.50	30.00	PASS
N77	30kHz	90MHz	CP-256QAM	Mid	Inner_Full	17.86	19.81	30.00	PASS
N77	30kHz	90MHz	CP-256QAM	High	Inner_1RB_Left	17.37	19.32	30.00	PASS
N77	30kHz	90MHz	CP-256QAM	High	Inner_1RB_Right	17.46	19.41	30.00	PASS
N77	30kHz	90MHz	CP-256QAM	High	Inner_Full	17.86	19.81	30.00	PASS
N77	30kHz	100MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.38	25.33	30.00	PASS
N77	30kHz	100MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.64	25.59	30.00	PASS
N77	30kHz	100MHz	DFT-PI2BPSK	Low	Inner_Full	24.31	26.26	30.00	PASS
N77	30kHz	100MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.14	25.09	30.00	PASS
N77	30kHz	100MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.34	25.29	30.00	PASS
N77	30kHz	100MHz	DFT-PI2BPSK	Mid	Inner_Full	24.22	26.17	30.00	PASS
N77	30kHz	100MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.17	25.12	30.00	PASS
N77	30kHz	100MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.46	25.41	30.00	PASS
N77	30kHz	100MHz	DFT-PI2BPSK	High	Inner_Full	24.29	26.24	30.00	PASS
N77	30kHz	100MHz	DFT-QPSK	Low	Inner_1RB_Left	23.36	25.31	30.00	PASS
N77	30kHz	100MHz	DFT-QPSK	Low	Inner_1RB_Right	23.67	25.62	30.00	PASS
N77	30kHz	100MHz	DFT-QPSK	Low	Inner_Full	24.32	26.27	30.00	PASS
N77	30kHz	100MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.14	25.09	30.00	PASS
N77	30kHz	100MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.33	25.28	30.00	PASS
N77	30kHz	100MHz	DFT-QPSK	Mid	Inner_Full	24.22	26.17	30.00	PASS
N77	30kHz	100MHz	DFT-QPSK	High	Inner_1RB_Left	23.22	25.17	30.00	PASS
N77	30kHz	100MHz	DFT-QPSK	High	Inner_1RB_Right	23.42	25.37	30.00	PASS
N77	30kHz	100MHz	DFT-QPSK	High	Inner_Full	24.28	26.23	30.00	PASS
N77	30kHz	100MHz	DFT-16QAM	Low	Inner_1RB_Left	22.39	24.34	30.00	PASS
N77	30kHz	100MHz	DFT-16QAM	Low	Inner_1RB_Right	22.69	24.64	30.00	PASS
N77	30kHz	100MHz	DFT-16QAM	Low	Inner_Full	23.28	25.23	30.00	PASS
N77	30kHz	100MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.16	24.11	30.00	PASS
N77	30kHz	100MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.35	24.30	30.00	PASS
N77	30kHz	100MHz	DFT-16QAM	Mid	Inner_Full	23.22	25.17	30.00	PASS
N77	30kHz	100MHz	DFT-16QAM	High	Inner_1RB_Left	22.22	24.17	30.00	PASS
N77	30kHz	100MHz	DFT-16QAM	High	Inner_1RB_Right	22.55	24.50	30.00	PASS



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N77	30kHz	100MHz	DFT-16QAM	High	Inner_Full	23.28	25.23	30.00	PASS
N77	30kHz	100MHz	DFT-64QAM	Low	Inner_1RB_Left	21.11	23.06	30.00	PASS
N77	30kHz	100MHz	DFT-64QAM	Low	Inner_1RB_Right	21.29	23.24	30.00	PASS
N77	30kHz	100MHz	DFT-64QAM	Low	Inner_Full	21.98	23.93	30.00	PASS
N77	30kHz	100MHz	DFT-64QAM	Mid	Inner_1RB_Left	20.87	22.82	30.00	PASS
N77	30kHz	100MHz	DFT-64QAM	Mid	Inner_1RB_Right	20.97	22.92	30.00	PASS
N77	30kHz	100MHz	DFT-64QAM	Mid	Inner_Full	21.90	23.85	30.00	PASS
N77	30kHz	100MHz	DFT-64QAM	High	Inner_1RB_Left	20.90	22.85	30.00	PASS
N77	30kHz	100MHz	DFT-64QAM	High	Inner_1RB_Right	21.17	23.12	30.00	PASS
N77	30kHz	100MHz	DFT-64QAM	High	Inner_Full	21.93	23.88	30.00	PASS
N77	30kHz	100MHz	DFT-256QAM	Low	Inner_1RB_Left	19.32	21.27	30.00	PASS
N77	30kHz	100MHz	DFT-256QAM	Low	Inner_1RB_Right	19.62	21.57	30.00	PASS
N77	30kHz	100MHz	DFT-256QAM	Low	Inner_Full	19.98	21.93	30.00	PASS
N77	30kHz	100MHz	DFT-256QAM	Mid	Inner_1RB_Left	19.07	21.02	30.00	PASS
N77	30kHz	100MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.29	21.24	30.00	PASS
N77	30kHz	100MHz	DFT-256QAM	Mid	Inner_Full	19.88	21.83	30.00	PASS
N77	30kHz	100MHz	DFT-256QAM	High	Inner_1RB_Left	19.12	21.07	30.00	PASS
N77	30kHz	100MHz	DFT-256QAM	High	Inner_1RB_Right	19.45	21.40	30.00	PASS
N77	30kHz	100MHz	DFT-256QAM	High	Inner_Full	19.95	21.90	30.00	PASS
N77	30kHz	100MHz	CP-QPSK	Low	Inner_1RB_Left	21.93	23.88	30.00	PASS
N77	30kHz	100MHz	CP-QPSK	Low	Inner_1RB_Right	22.24	24.19	30.00	PASS
N77	30kHz	100MHz	CP-QPSK	Low	Inner_Full	22.81	24.76	30.00	PASS
N77	30kHz	100MHz	CP-QPSK	Mid	Inner_1RB_Left	21.73	23.68	30.00	PASS
N77	30kHz	100MHz	CP-QPSK	Mid	Inner_1RB_Right	21.98	23.93	30.00	PASS
N77	30kHz	100MHz	CP-QPSK	Mid	Inner_Full	22.72	24.67	30.00	PASS
N77	30kHz	100MHz	CP-QPSK	High	Inner_1RB_Left	21.76	23.71	30.00	PASS
N77	30kHz	100MHz	CP-QPSK	High	Inner_1RB_Right	22.14	24.09	30.00	PASS
N77	30kHz	100MHz	CP-QPSK	High	Inner_Full	22.76	24.71	30.00	PASS
N77	30kHz	100MHz	CP-16QAM	Low	Inner_1RB_Left	21.82	23.77	30.00	PASS
N77	30kHz	100MHz	CP-16QAM	Low	Inner_1RB_Right	21.88	23.83	30.00	PASS
N77	30kHz	100MHz	CP-16QAM	Low	Inner_Full	22.49	24.44	30.00	PASS
N77	30kHz	100MHz	CP-16QAM	Mid	Inner_1RB_Left	21.40	23.35	30.00	PASS
N77	30kHz	100MHz	CP-16QAM	Mid	Inner_1RB_Right	21.50	23.45	30.00	PASS
N77	30kHz	100MHz	CP-16QAM	Mid	Inner_Full	22.22	24.17	30.00	PASS
N77	30kHz	100MHz	CP-16QAM	High	Inner_1RB_Left	21.28	23.23	30.00	PASS
N77	30kHz	100MHz	CP-16QAM	High	Inner_1RB_Right	21.64	23.59	30.00	PASS
N77	30kHz	100MHz	CP-16QAM	High	Inner_Full	22.29	24.24	30.00	PASS



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N77	30kHz	100MHz	CP-64QAM	Low	Inner_1RB_Left	20.20	22.15	30.00	PASS
N77	30kHz	100MHz	CP-64QAM	Low	Inner_1RB_Right	20.54	22.49	30.00	PASS
N77	30kHz	100MHz	CP-64QAM	Low	Inner_Full	20.95	22.90	30.00	PASS
N77	30kHz	100MHz	CP-64QAM	Mid	Inner_1RB_Left	20.04	21.99	30.00	PASS
N77	30kHz	100MHz	CP-64QAM	Mid	Inner_1RB_Right	20.22	22.17	30.00	PASS
N77	30kHz	100MHz	CP-64QAM	Mid	Inner_Full	20.90	22.85	30.00	PASS
N77	30kHz	100MHz	CP-64QAM	High	Inner_1RB_Left	20.05	22.00	30.00	PASS
N77	30kHz	100MHz	CP-64QAM	High	Inner_1RB_Right	20.36	22.31	30.00	PASS
N77	30kHz	100MHz	CP-64QAM	High	Inner_Full	20.93	22.88	30.00	PASS
N77	30kHz	100MHz	CP-256QAM	Low	Inner_1RB_Left	17.33	19.28	30.00	PASS
N77	30kHz	100MHz	CP-256QAM	Low	Inner_1RB_Right	17.63	19.58	30.00	PASS
N77	30kHz	100MHz	CP-256QAM	Low	Inner_Full	17.92	19.87	30.00	PASS
N77	30kHz	100MHz	CP-256QAM	Mid	Inner_1RB_Left	17.05	19.00	30.00	PASS
N77	30kHz	100MHz	CP-256QAM	Mid	Inner_1RB_Right	17.25	19.20	30.00	PASS
N77	30kHz	100MHz	CP-256QAM	Mid	Inner_Full	17.87	19.82	30.00	PASS
N77	30kHz	100MHz	CP-256QAM	High	Inner_1RB_Left	17.17	19.12	30.00	PASS
N77	30kHz	100MHz	CP-256QAM	High	Inner_1RB_Right	17.49	19.44	30.00	PASS
N77	30kHz	100MHz	CP-256QAM	High	Inner_Full	17.93	19.88	30.00	PASS

Note:

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

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

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



Peak-to-Average Ratio(CCDF) for SA

Test Result

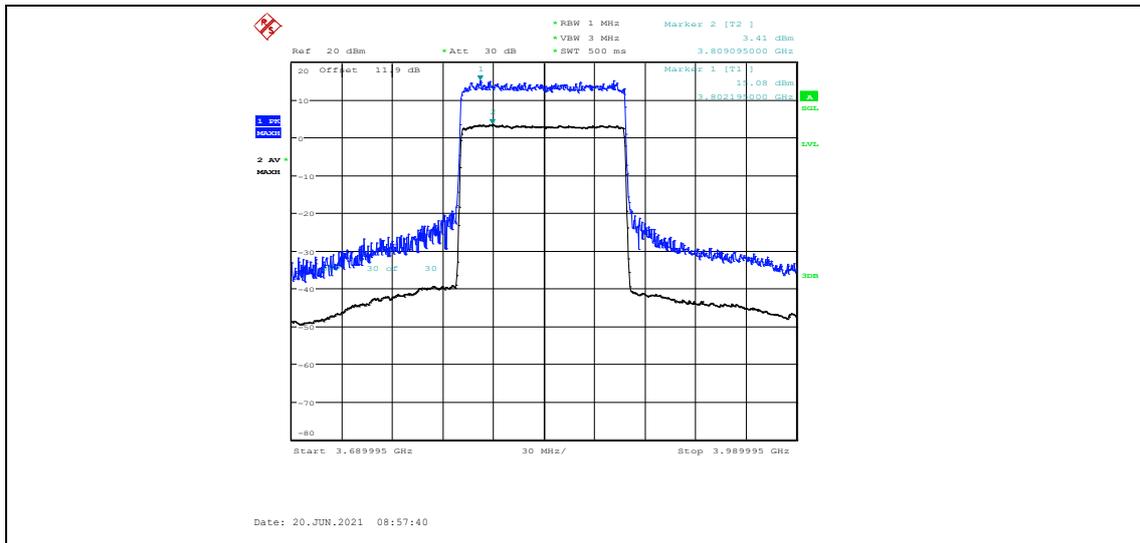
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77	30kHz	100MHz	DFT-PI2BPSK	Mid	Outer_Full	11.67	≤13	PASS
N77	30kHz	100MHz	CP-QPSK	Mid	Outer_Full	12.53	≤13	PASS



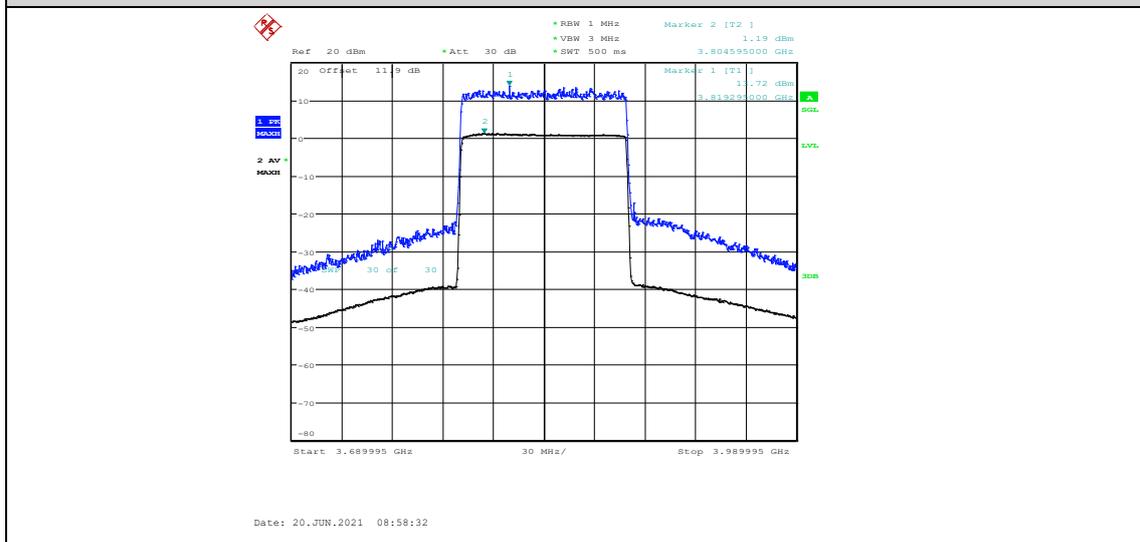
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Test Graphs



NTNV-N77-30kHz-100MHz-DFT-PI2BPSK-Mid-Outer_Full-----≤13-PASS



NTNV-N77-30kHz-100MHz-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
N77	30kHz	20MHz	DFT-PI2BPSK	Mid	Outer_Full	17.92	18.640	PASS
N77	30kHz	20MHz	DFT-QPSK	Mid	Outer_Full	17.88	18.720	PASS
N77	30kHz	20MHz	DFT-16QAM	Mid	Outer_Full	17.96	18.720	PASS
N77	30kHz	20MHz	DFT-64QAM	Mid	Outer_Full	17.92	18.680	PASS
N77	30kHz	20MHz	DFT-256QAM	Mid	Outer_Full	17.92	18.680	PASS
N77	30kHz	20MHz	CP-QPSK	Mid	Outer_Full	18.24	19.040	PASS
N77	30kHz	20MHz	CP-16QAM	Mid	Outer_Full	18.24	19.080	PASS
N77	30kHz	20MHz	CP-64QAM	Mid	Outer_Full	18.24	19.080	PASS
N77	30kHz	20MHz	CP-256QAM	Mid	Outer_Full	18.24	19.080	PASS
N77	30kHz	40MHz	DFT-PI2BPSK	Mid	Outer_Full	35.76	37.600	PASS
N77	30kHz	40MHz	DFT-QPSK	Mid	Outer_Full	35.76	37.680	PASS
N77	30kHz	40MHz	DFT-16QAM	Mid	Outer_Full	35.76	37.680	PASS
N77	30kHz	40MHz	DFT-64QAM	Mid	Outer_Full	35.84	37.600	PASS
N77	30kHz	40MHz	DFT-256QAM	Mid	Outer_Full	35.76	37.600	PASS
N77	30kHz	40MHz	CP-QPSK	Mid	Outer_Full	37.92	39.840	PASS
N77	30kHz	40MHz	CP-16QAM	Mid	Outer_Full	37.92	39.840	PASS
N77	30kHz	40MHz	CP-64QAM	Mid	Outer_Full	37.92	39.760	PASS
N77	30kHz	40MHz	CP-256QAM	Mid	Outer_Full	37.92	39.840	PASS
N77	30kHz	50MHz	DFT-PI2BPSK	Mid	Outer_Full	45.7	47.600	PASS
N77	30kHz	50MHz	DFT-QPSK	Mid	Outer_Full	45.7	47.600	PASS
N77	30kHz	50MHz	DFT-16QAM	Mid	Outer_Full	45.8	47.700	PASS
N77	30kHz	50MHz	DFT-64QAM	Mid	Outer_Full	45.7	47.700	PASS
N77	30kHz	50MHz	DFT-256QAM	Mid	Outer_Full	45.8	47.800	PASS
N77	30kHz	50MHz	CP-QPSK	Mid	Outer_Full	47.5	49.600	PASS
N77	30kHz	50MHz	CP-16QAM	Mid	Outer_Full	47.5	49.500	PASS
N77	30kHz	50MHz	CP-64QAM	Mid	Outer_Full	47.5	49.500	PASS
N77	30kHz	50MHz	CP-256QAM	Mid	Outer_Full	47.6	49.600	PASS
N77	30kHz	60MHz	DFT-PI2BPSK	Mid	Outer_Full	57.84	60.000	PASS
N77	30kHz	60MHz	DFT-QPSK	Mid	Outer_Full	57.72	60.000	PASS



N77	30kHz	60MHz	DFT-16QAM	Mid	Outer_Full	57.84	59.880	PASS
N77	30kHz	60MHz	DFT-64QAM	Mid	Outer_Full	57.84	60.000	PASS
N77	30kHz	60MHz	DFT-256QAM	Mid	Outer_Full	57.84	60.000	PASS
N77	30kHz	60MHz	CP-QPSK	Mid	Outer_Full	57.84	60.000	PASS
N77	30kHz	60MHz	CP-16QAM	Mid	Outer_Full	57.84	60.000	PASS
N77	30kHz	60MHz	CP-64QAM	Mid	Outer_Full	57.84	60.000	PASS
N77	30kHz	60MHz	CP-256QAM	Mid	Outer_Full	57.84	60.000	PASS
N77	30kHz	80MHz	DFT-PI2BPSK	Mid	Outer_Full	77.28	81.120	PASS
N77	30kHz	80MHz	DFT-QPSK	Mid	Outer_Full	77.44	80.960	PASS
N77	30kHz	80MHz	DFT-16QAM	Mid	Outer_Full	77.44	80.960	PASS
N77	30kHz	80MHz	DFT-64QAM	Mid	Outer_Full	77.44	80.960	PASS
N77	30kHz	80MHz	DFT-256QAM	Mid	Outer_Full	77.28	81.120	PASS
N77	30kHz	80MHz	CP-QPSK	Mid	Outer_Full	77.76	81.600	PASS
N77	30kHz	80MHz	CP-16QAM	Mid	Outer_Full	77.6	81.440	PASS
N77	30kHz	80MHz	CP-64QAM	Mid	Outer_Full	77.76	81.440	PASS
N77	30kHz	80MHz	CP-256QAM	Mid	Outer_Full	77.76	81.440	PASS
N77	30kHz	90MHz	DFT-PI2BPSK	Mid	Outer_Full	85.68	89.640	PASS
N77	30kHz	90MHz	DFT-QPSK	Mid	Outer_Full	85.68	89.460	PASS
N77	30kHz	90MHz	DFT-16QAM	Mid	Outer_Full	85.68	89.640	PASS
N77	30kHz	90MHz	DFT-64QAM	Mid	Outer_Full	85.86	89.640	PASS
N77	30kHz	90MHz	DFT-256QAM	Mid	Outer_Full	85.68	89.820	PASS
N77	30kHz	90MHz	CP-QPSK	Mid	Outer_Full	87.48	91.620	PASS
N77	30kHz	90MHz	CP-16QAM	Mid	Outer_Full	87.48	91.440	PASS
N77	30kHz	90MHz	CP-64QAM	Mid	Outer_Full	87.48	91.620	PASS
N77	30kHz	90MHz	CP-256QAM	Mid	Outer_Full	87.48	91.440	PASS
N77	30kHz	100MHz	DFT-PI2BPSK	Mid	Outer_Full	96.2	100.400	PASS
N77	30kHz	100MHz	DFT-QPSK	Mid	Outer_Full	96.2	100.400	PASS
N77	30kHz	100MHz	DFT-16QAM	Mid	Outer_Full	96.4	100.400	PASS
N77	30kHz	100MHz	DFT-64QAM	Mid	Outer_Full	96.2	100.600	PASS
N77	30kHz	100MHz	DFT-256QAM	Mid	Outer_Full	96.4	100.400	PASS
N77	30kHz	100MHz	CP-QPSK	Mid	Outer_Full	97.4	101.600	PASS
N77	30kHz	100MHz	CP-16QAM	Mid	Outer_Full	97.4	101.600	PASS
N77	30kHz	100MHz	CP-64QAM	Mid	Outer_Full	97.6	101.600	PASS
N77	30kHz	100MHz	CP-256QAM	Mid	Outer_Full	97.4	101.600	PASS



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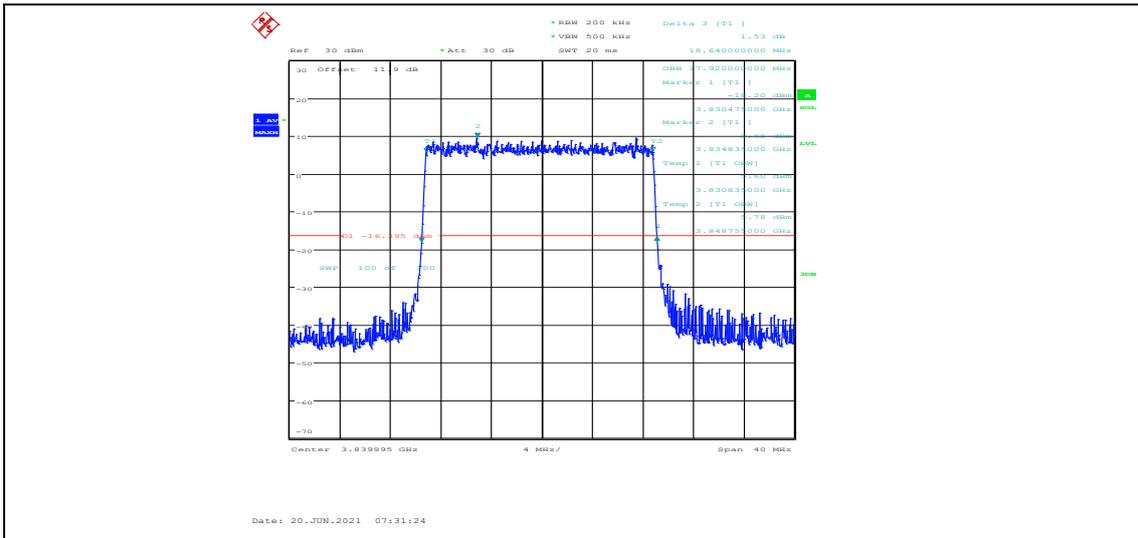
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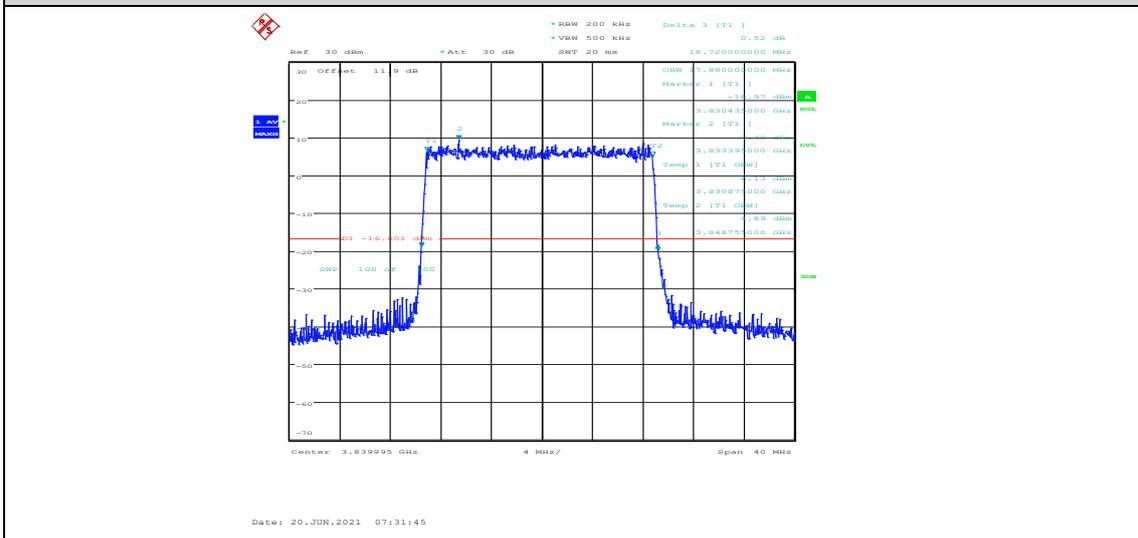
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Test Graphs



NTNV-N77-30kHz-20MHz-DFT-PI2BPSK-Mid-Outer_Full---PASS

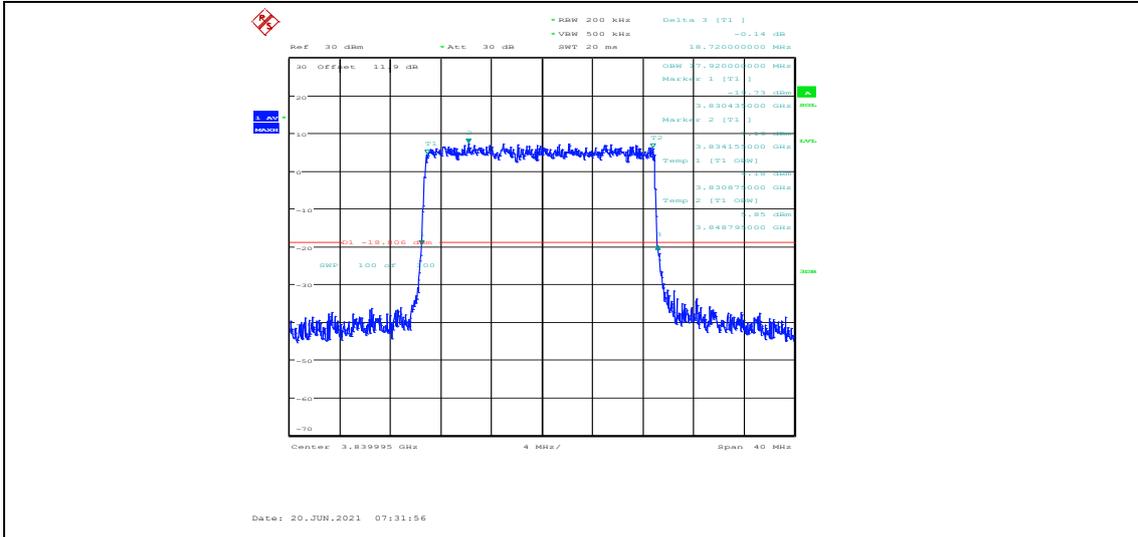


NTNV-N77-30kHz-20MHz-DFT-QPSK-Mid-Outer_Full---PASS

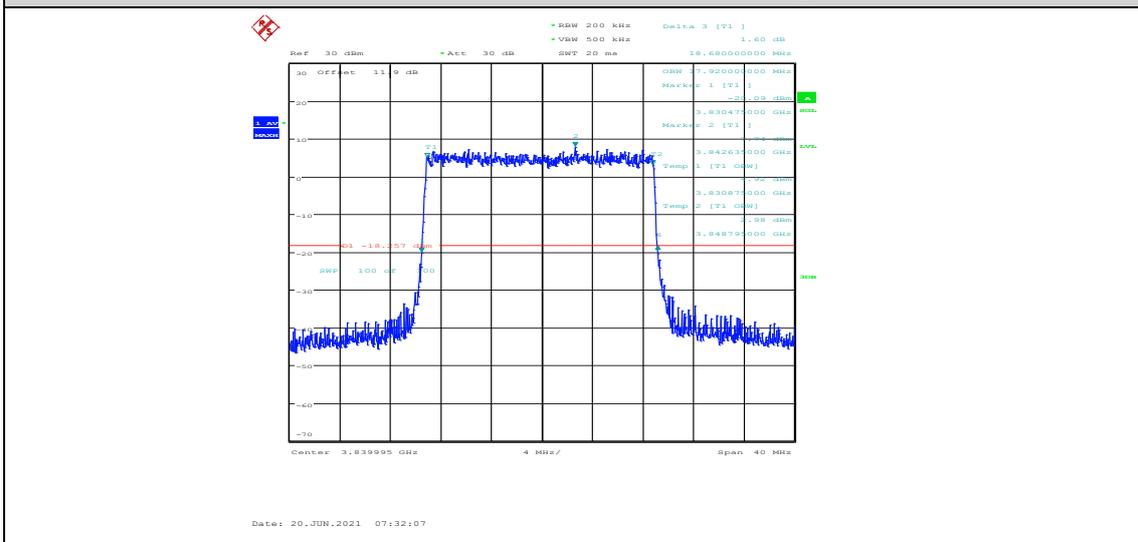


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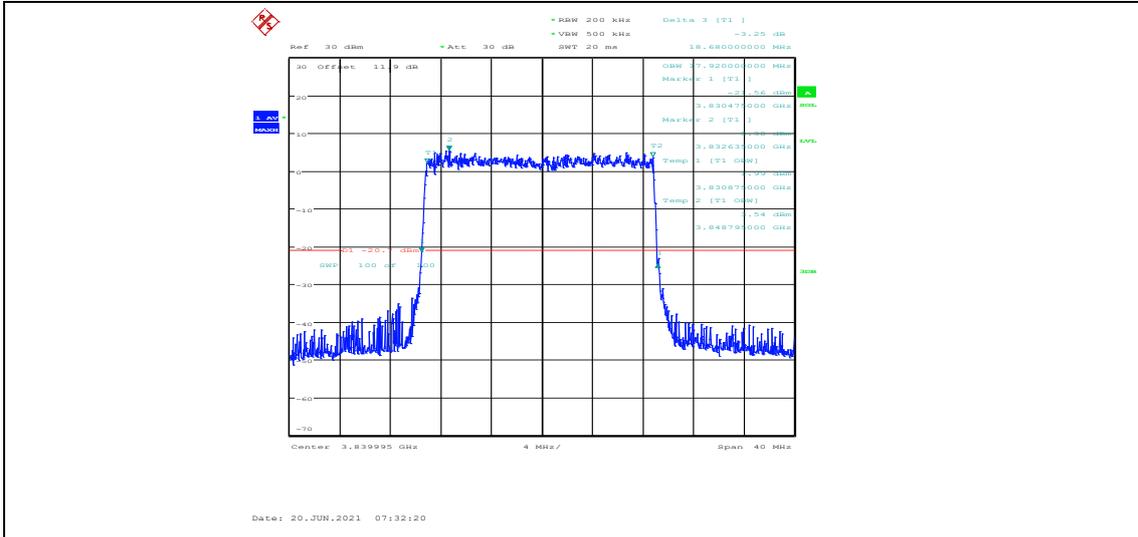


NTNV-N77-30kHz-20MHz-DFT-16QAM-Mid-Outer_Full---PASS

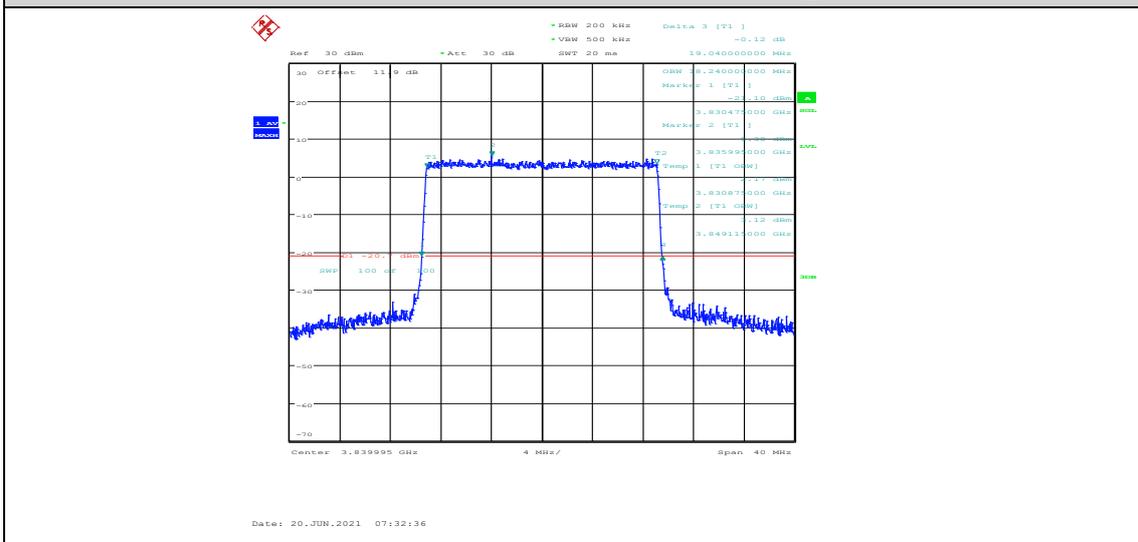


NTNV-N77-30kHz-20MHz-DFT-64QAM-Mid-Outer_Full---PASS





NTNV-N77-30kHz-20MHz-DFT-256QAM-Mid-Outer_Full---PASS



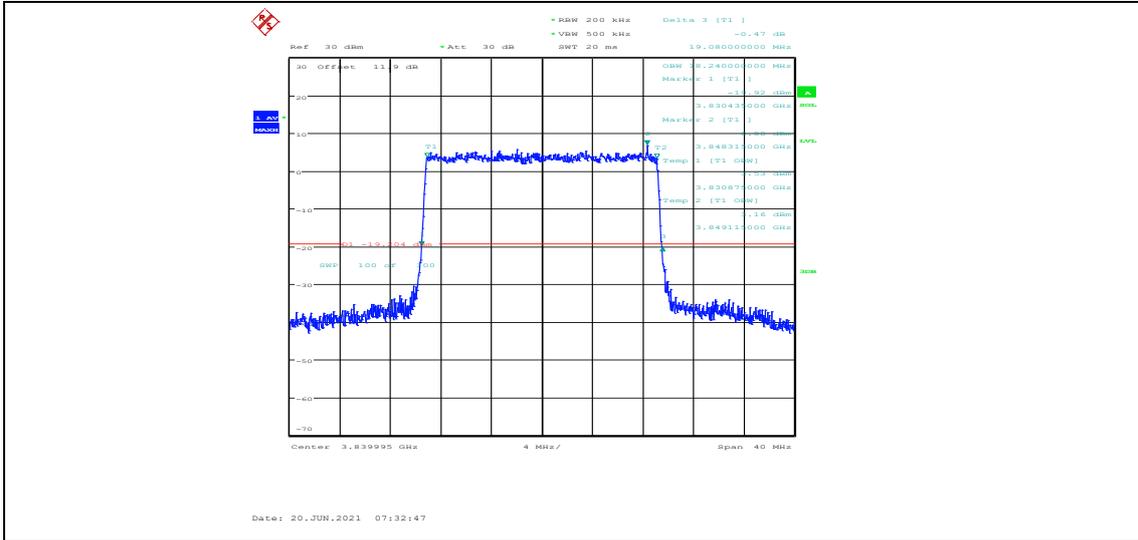
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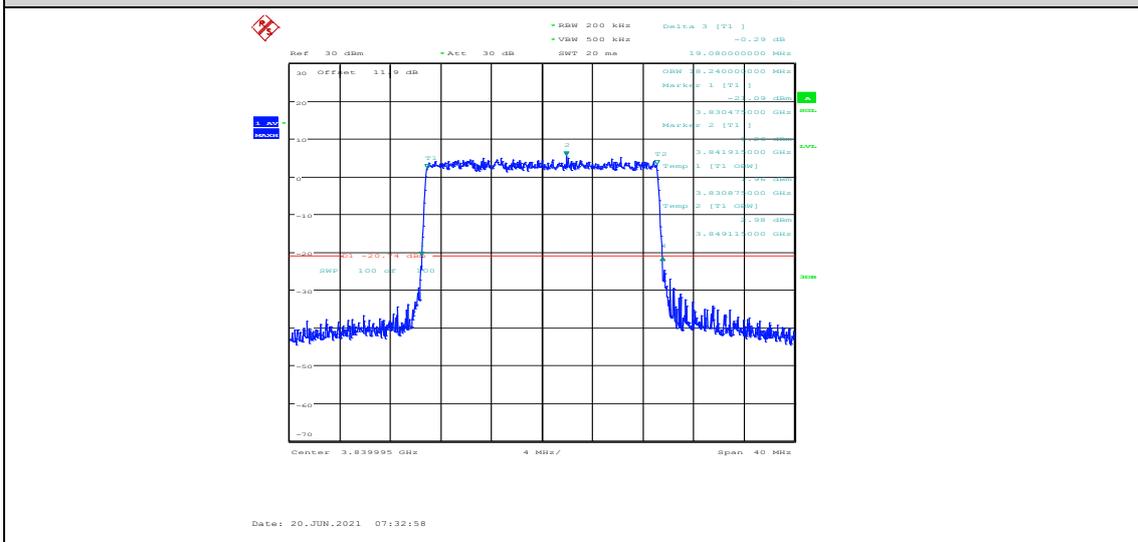
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NTNV-N77-30kHz-20MHz-CP-16QAM-Mid-Outer_Full---PASS



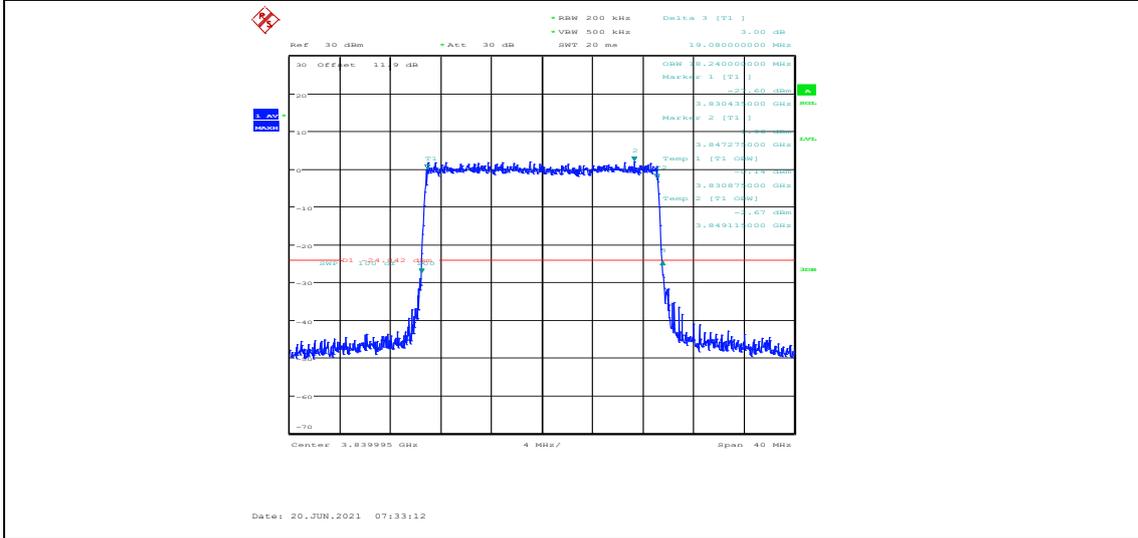
NTNV-N77-30kHz-20MHz-CP-64QAM-Mid-Outer_Full---PASS



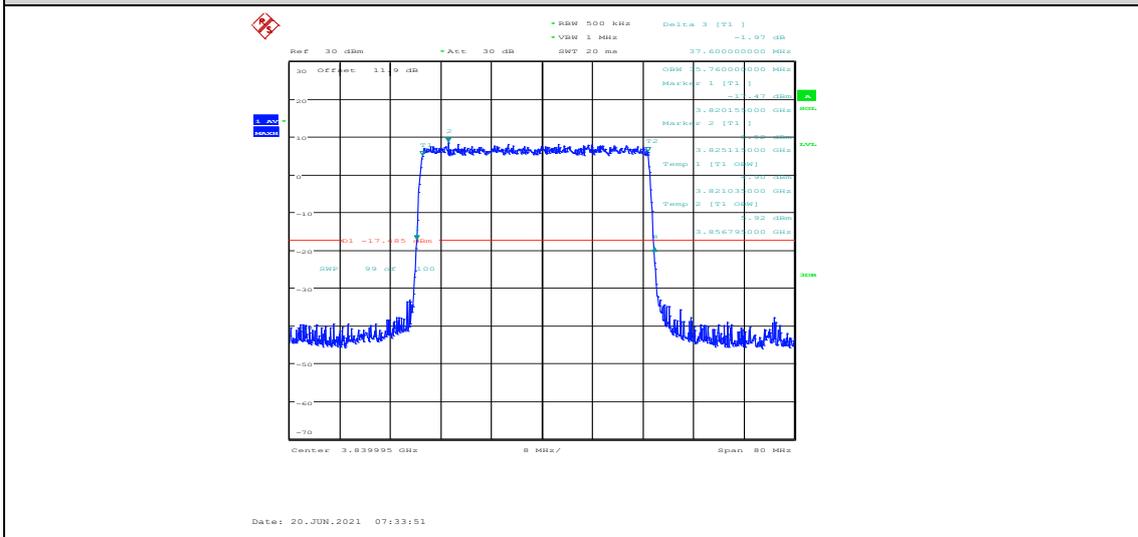
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NTNV-N77-30kHz-20MHz-CP-256QAM-Mid-Outer_Full---PASS

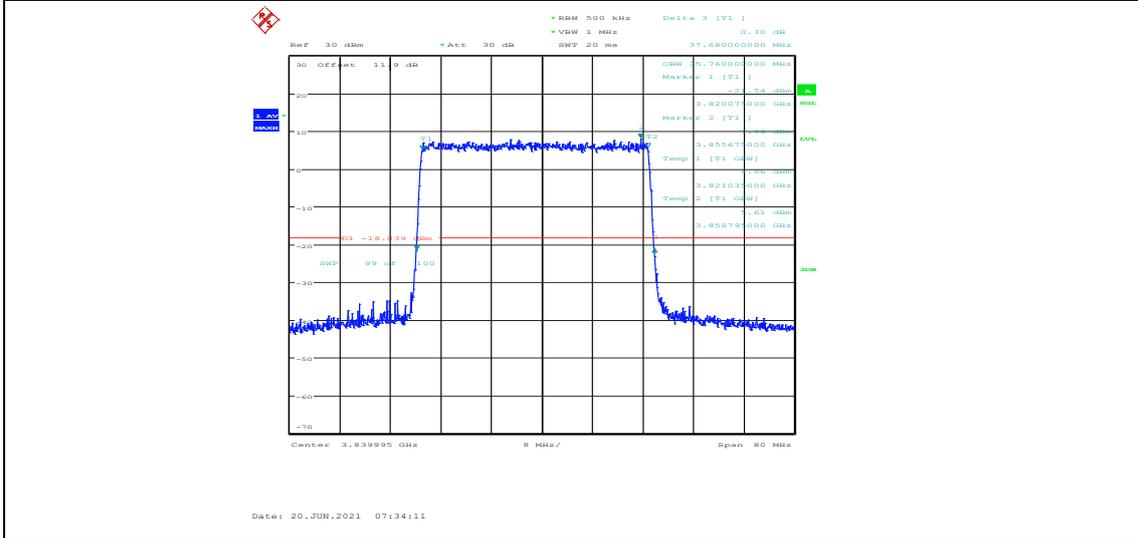


NTNV-N77-30kHz-40MHz-DFT-PI2BPSK-Mid-Outer_Full---PASS

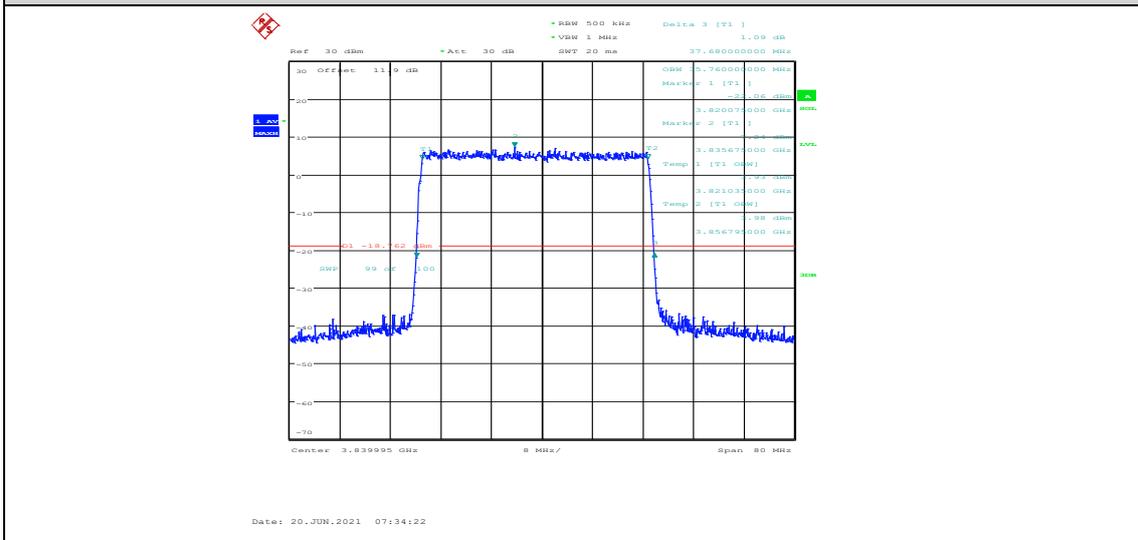


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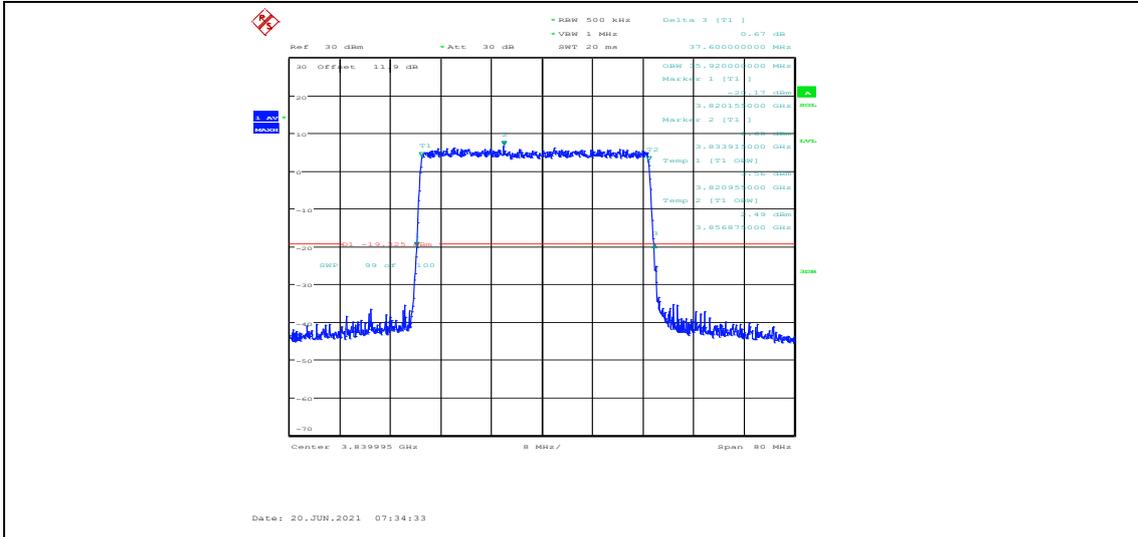


NTNV-N77-30kHz-40MHz-DFT-QPSK-Mid-Outer_Full---PASS

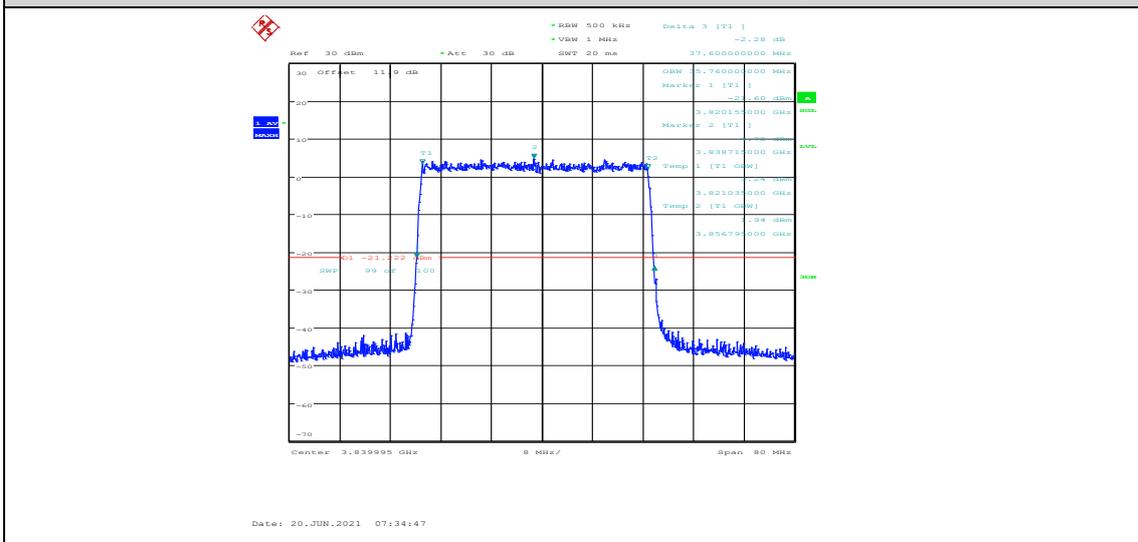


NTNV-N77-30kHz-40MHz-DFT-16QAM-Mid-Outer_Full---PASS



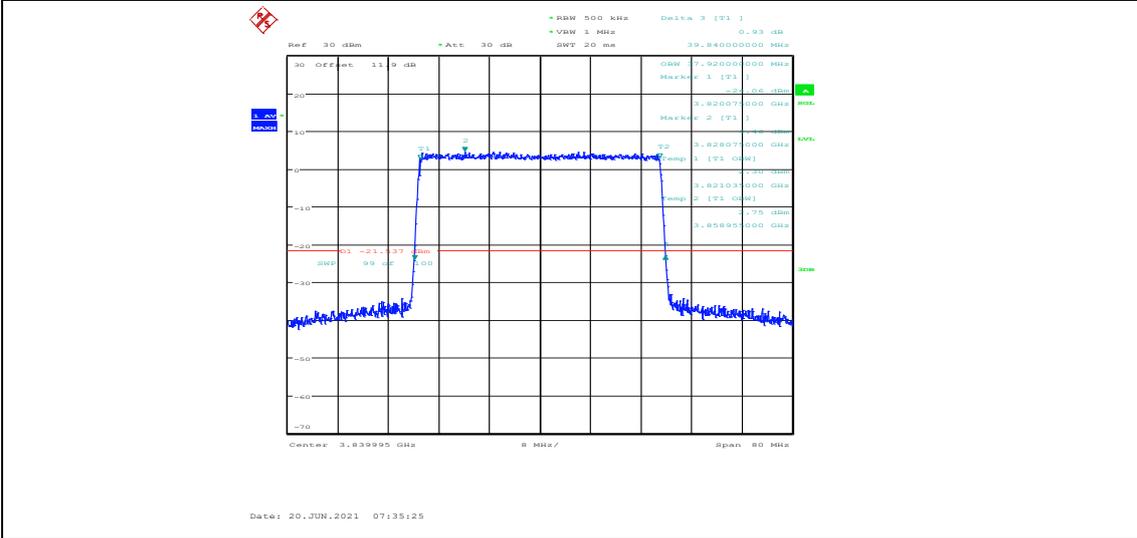


NTNV-N77-30kHz-40MHz-DFT-64QAM-Mid-Outer_Full---PASS

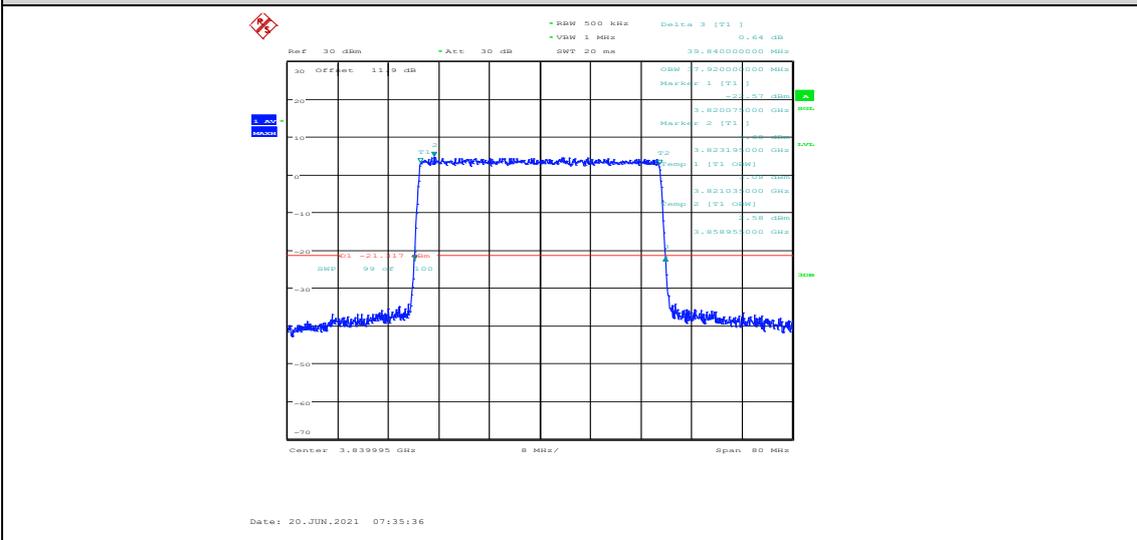


NTNV-N77-30kHz-40MHz-DFT-256QAM-Mid-Outer_Full---PASS





NTNV-N77-30kHz-40MHz-CP-QPSK-Mid-Outer_Full---PASS

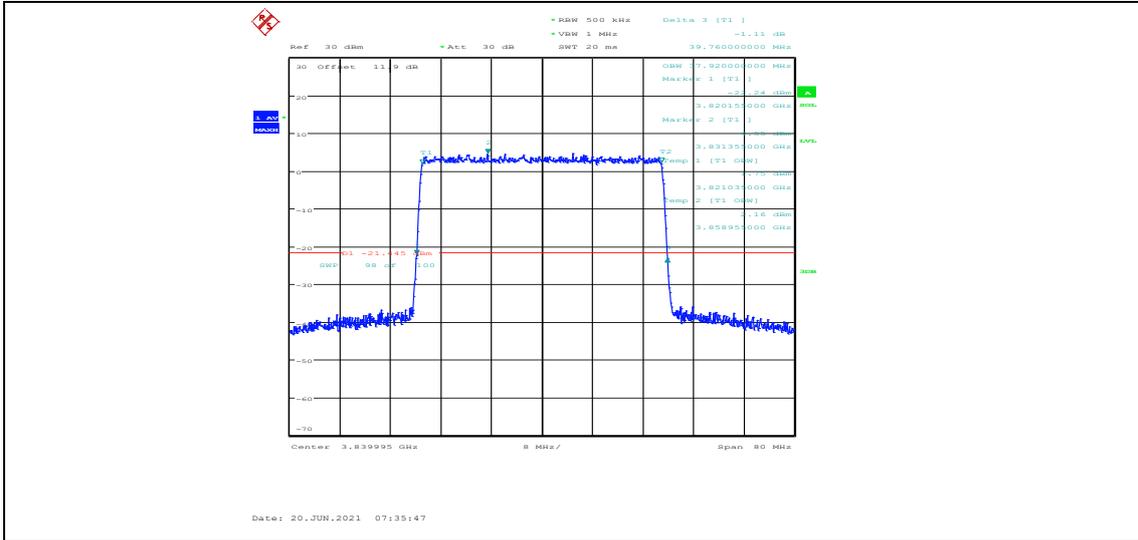


NTNV-N77-30kHz-40MHz-CP-16QAM-Mid-Outer_Full---PASS

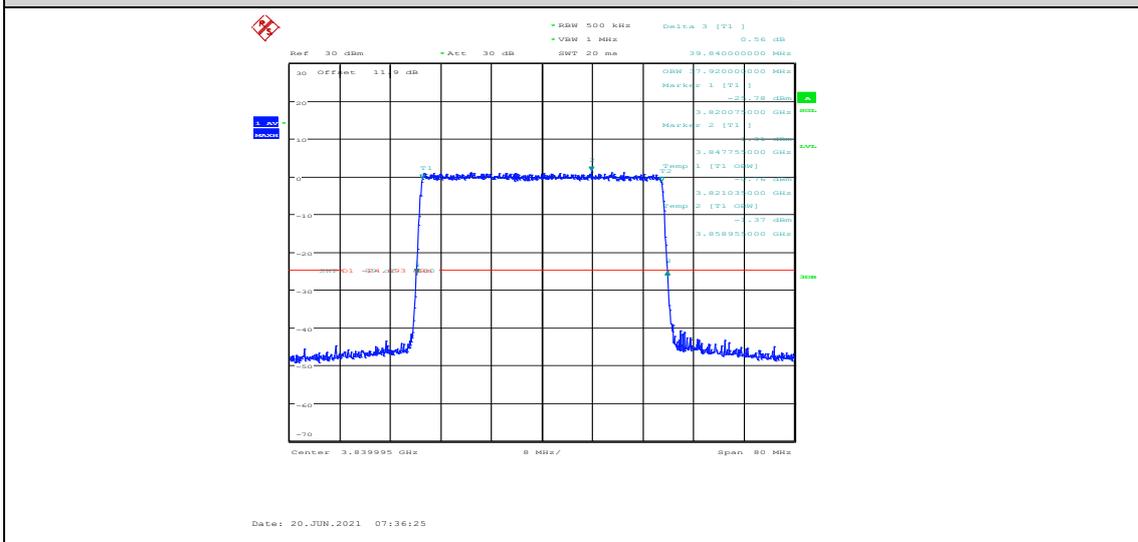


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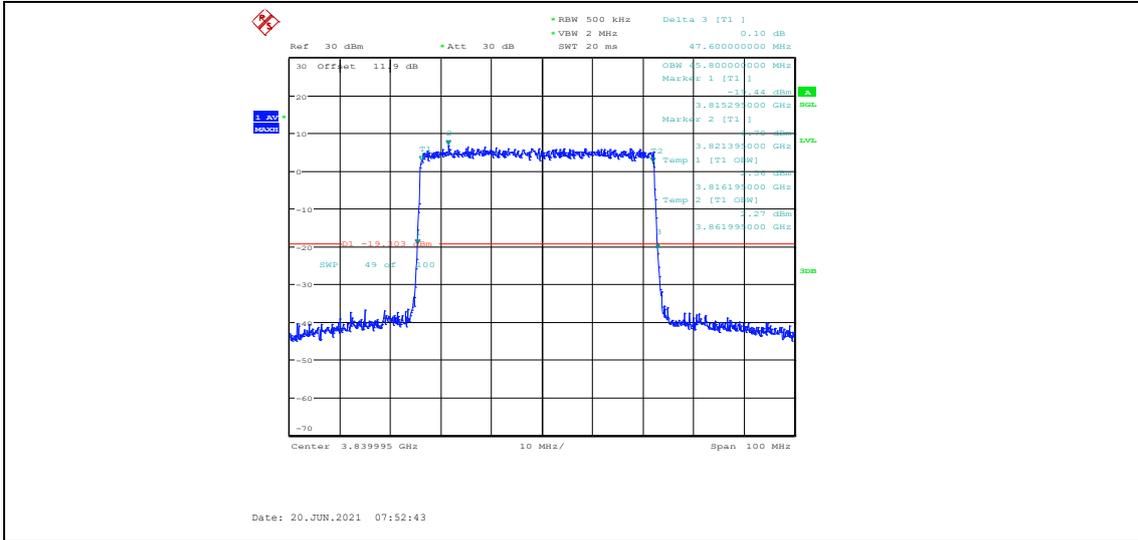
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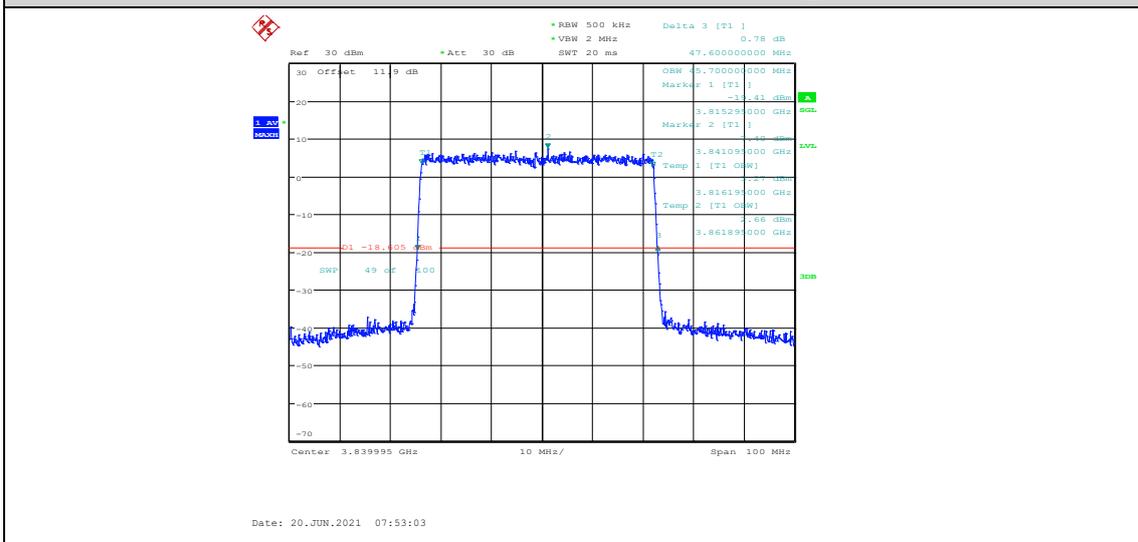
NTNV-N77-30kHz-40MHz-CP-256QAM-Mid-Outer_Full---PASS



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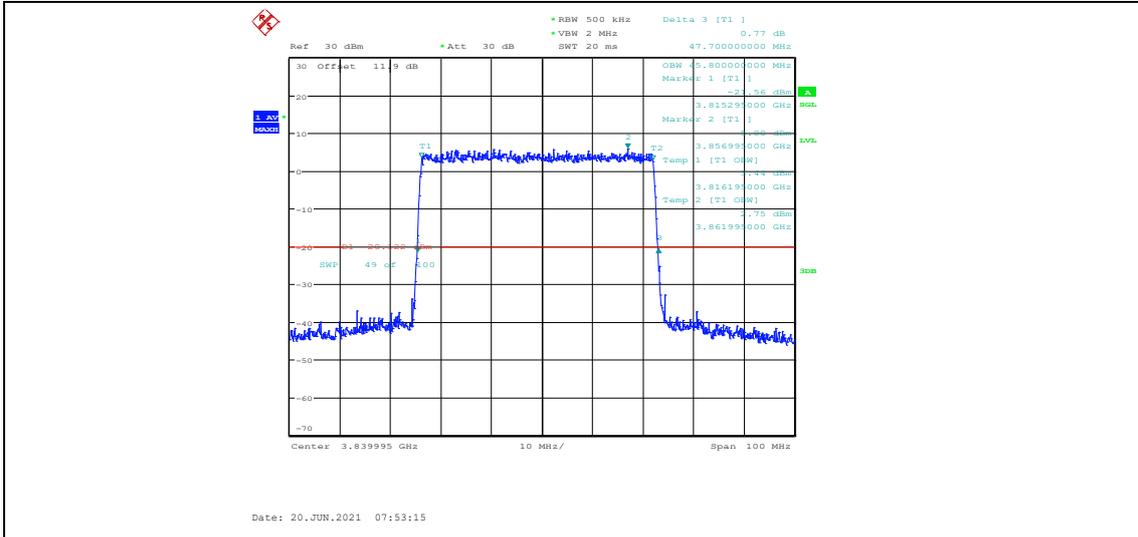


NTNV-N77-30kHz-50MHz-DFT-PI2BPSK-Mid-Outer_Full---PASS

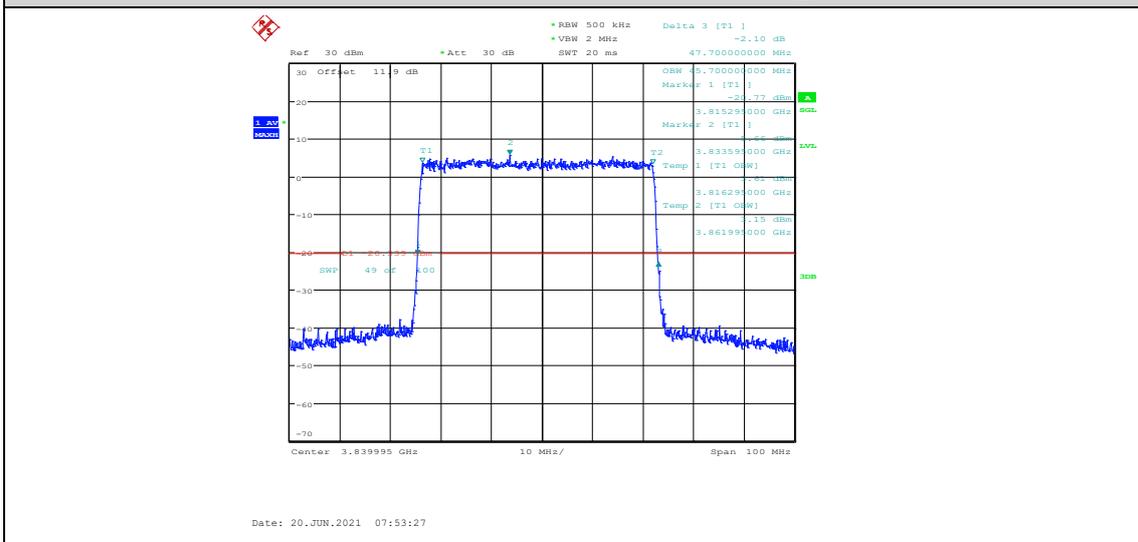


NTNV-N77-30kHz-50MHz-DFT-QPSK-Mid-Outer_Full---PASS





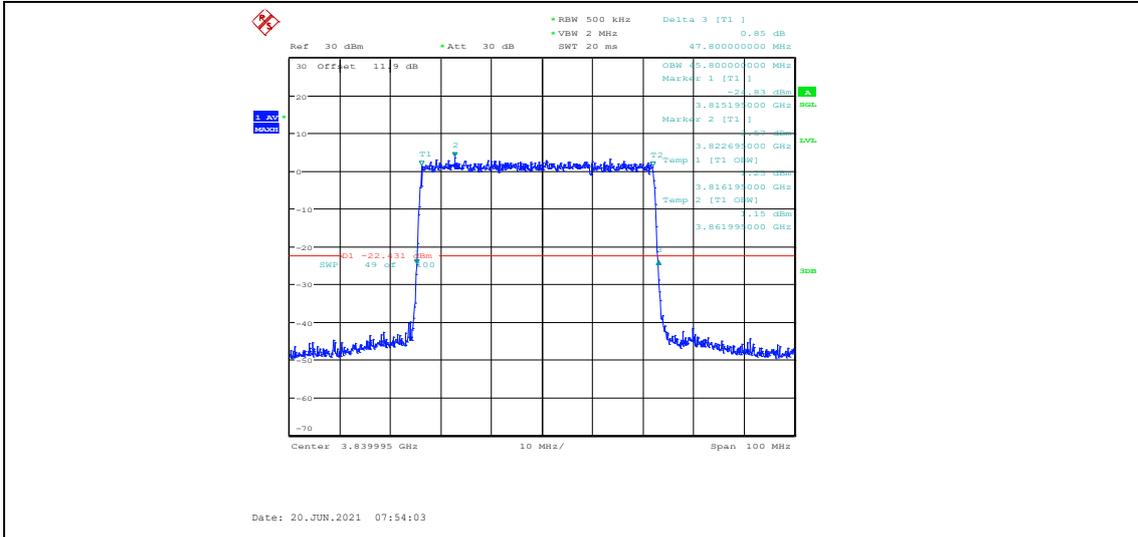
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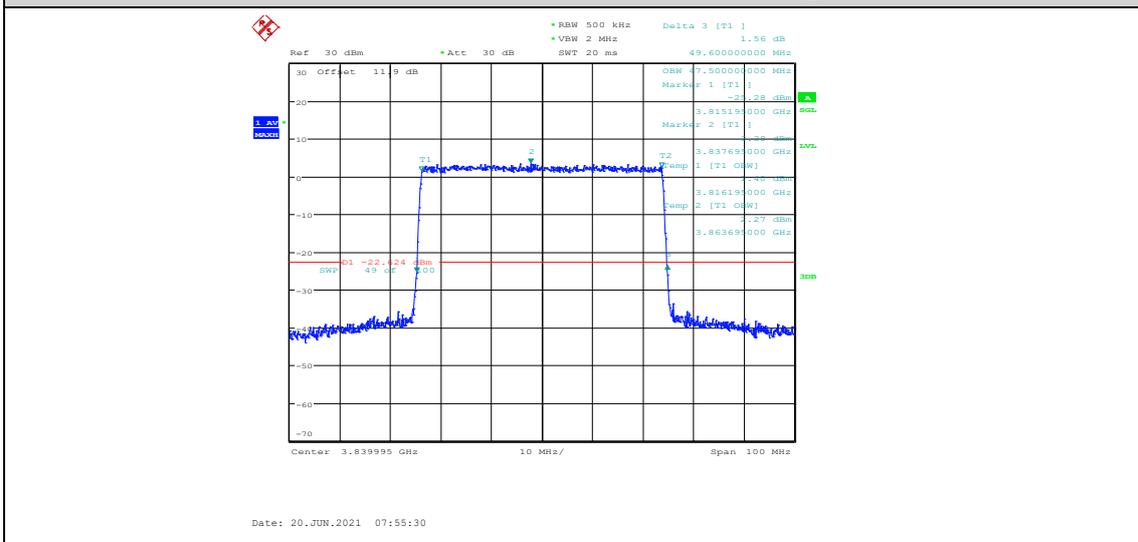
NTNV-N77-30kHz-50MHz-DFT-64QAM-Mid-Outer_Full---PASS



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NTNV-N77-30kHz-50MHz-DFT-256QAM-Mid-Outer_Full---PASS

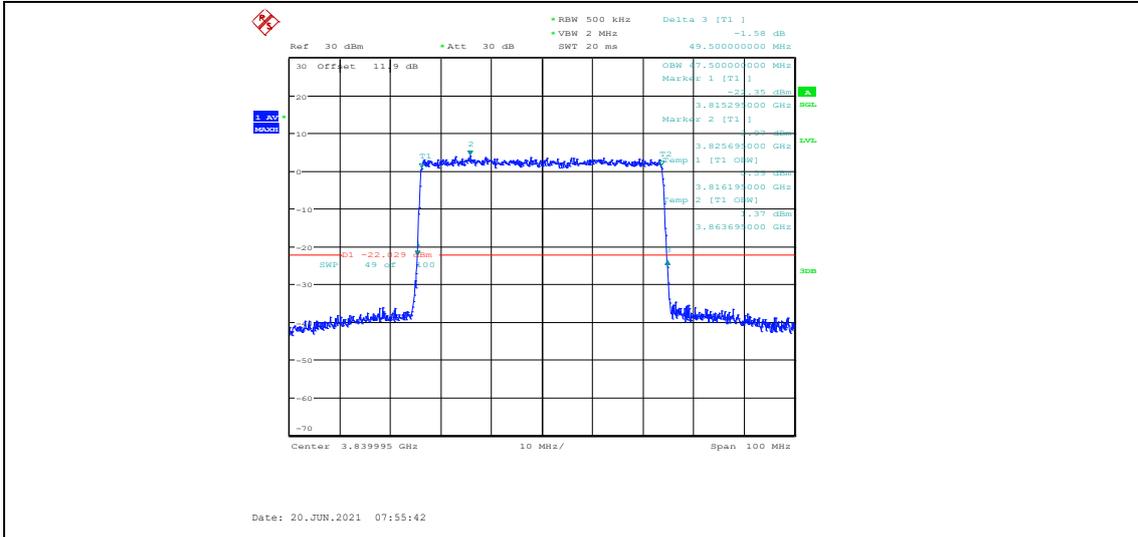


NTNV-N77-30kHz-50MHz-CP-QPSK-Mid-Outer_Full---PASS

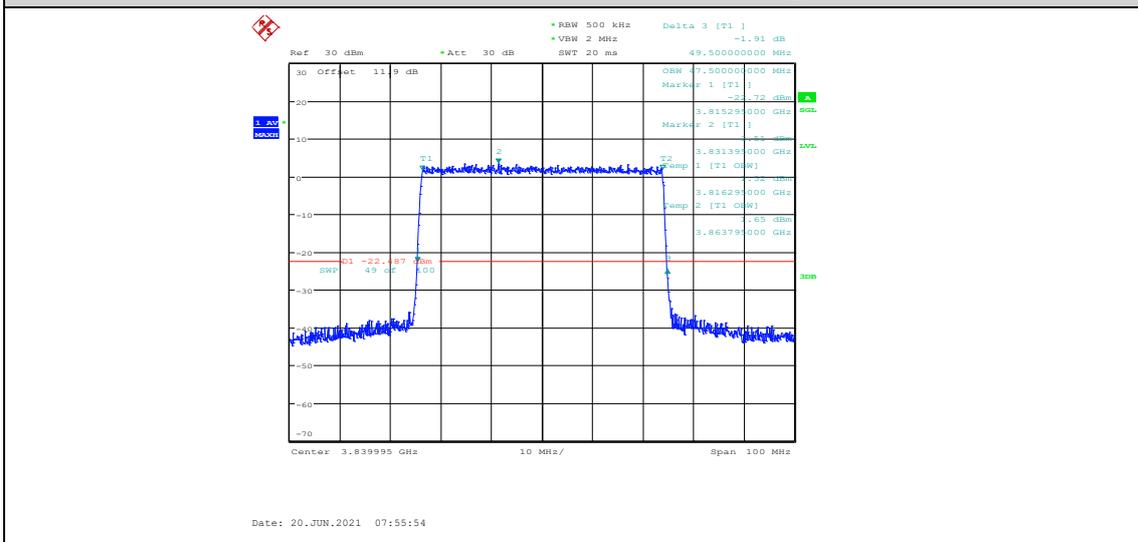


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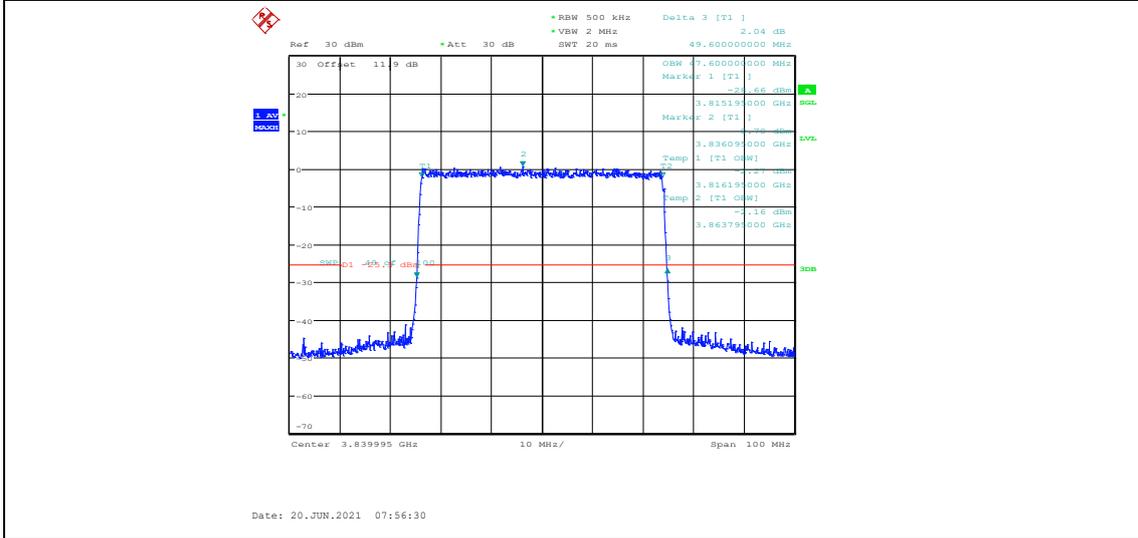


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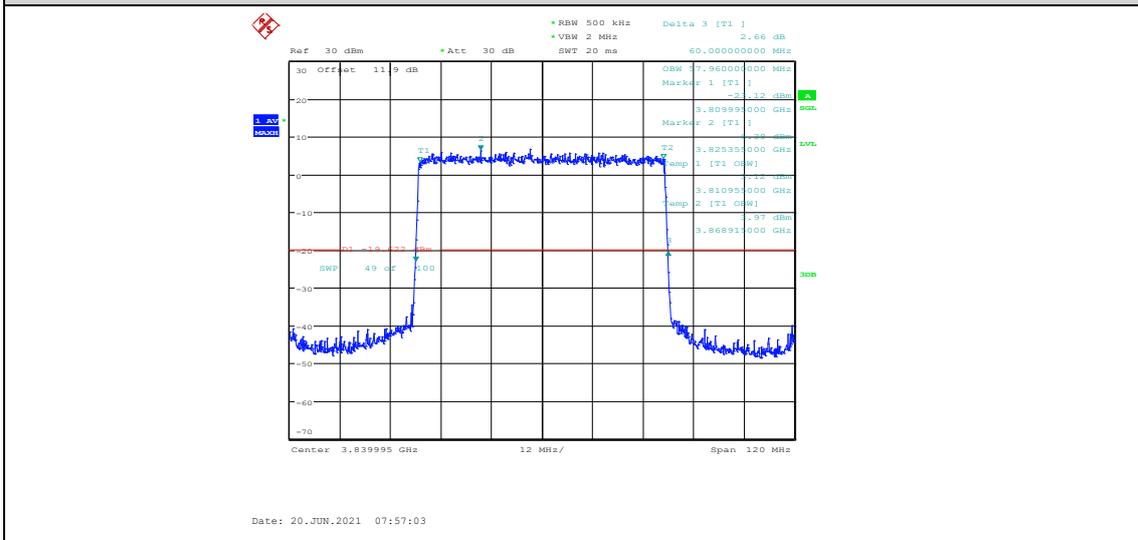


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NTNV-N77-30kHz-50MHz-CP-256QAM-Mid-Outer_Full---PASS



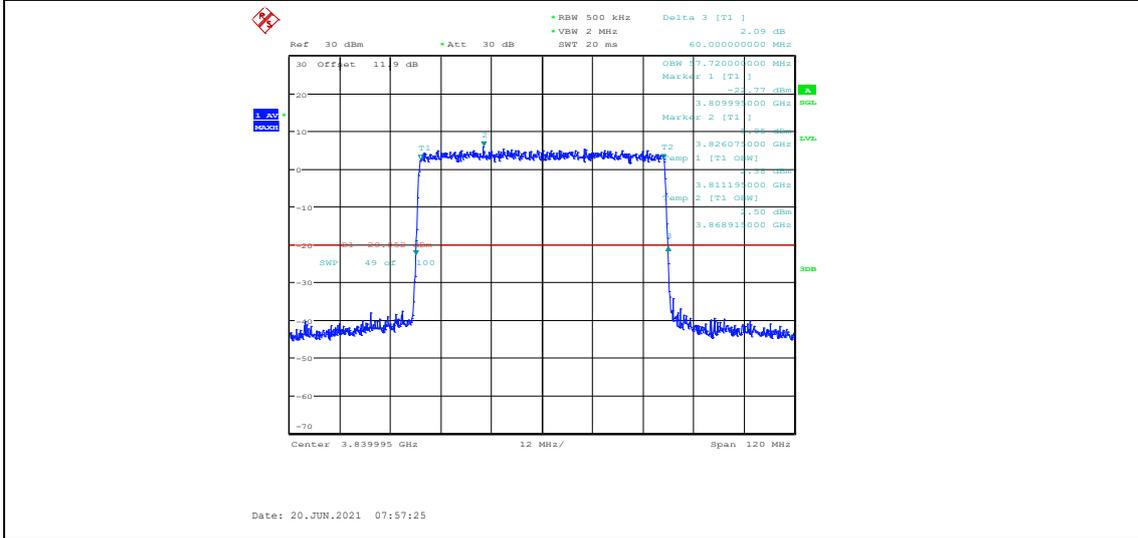
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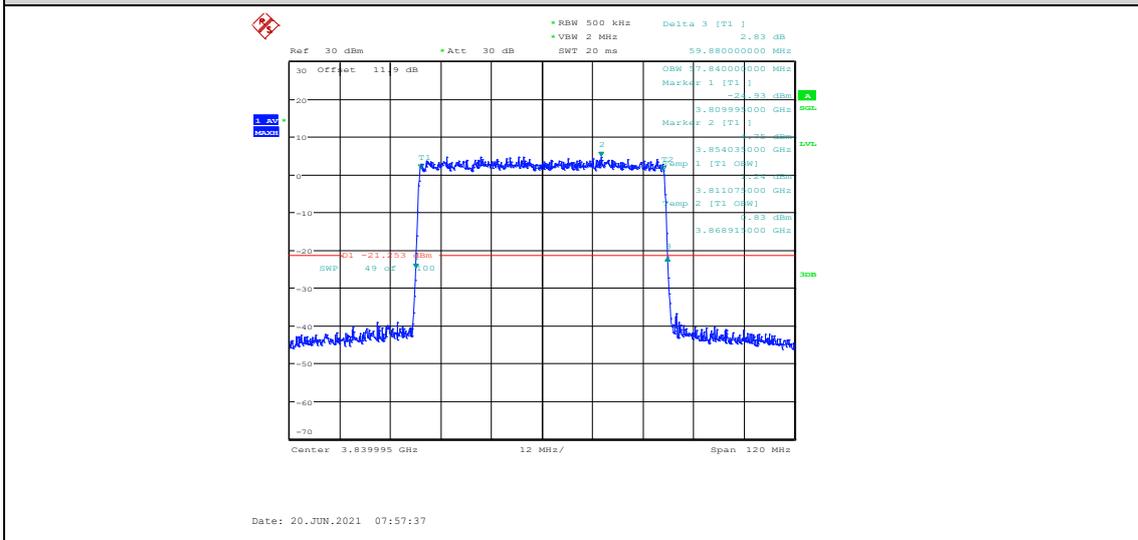
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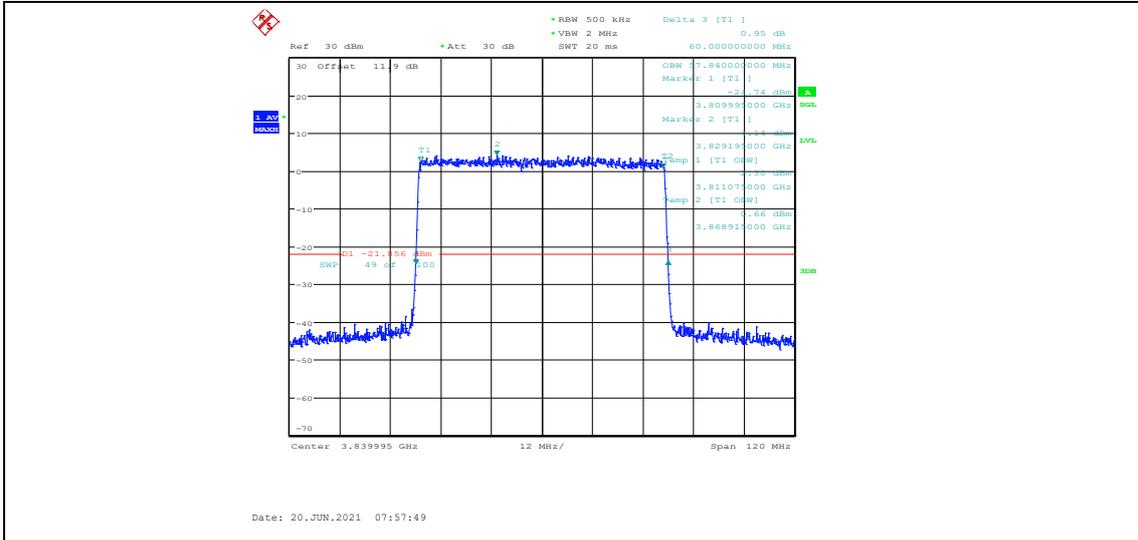
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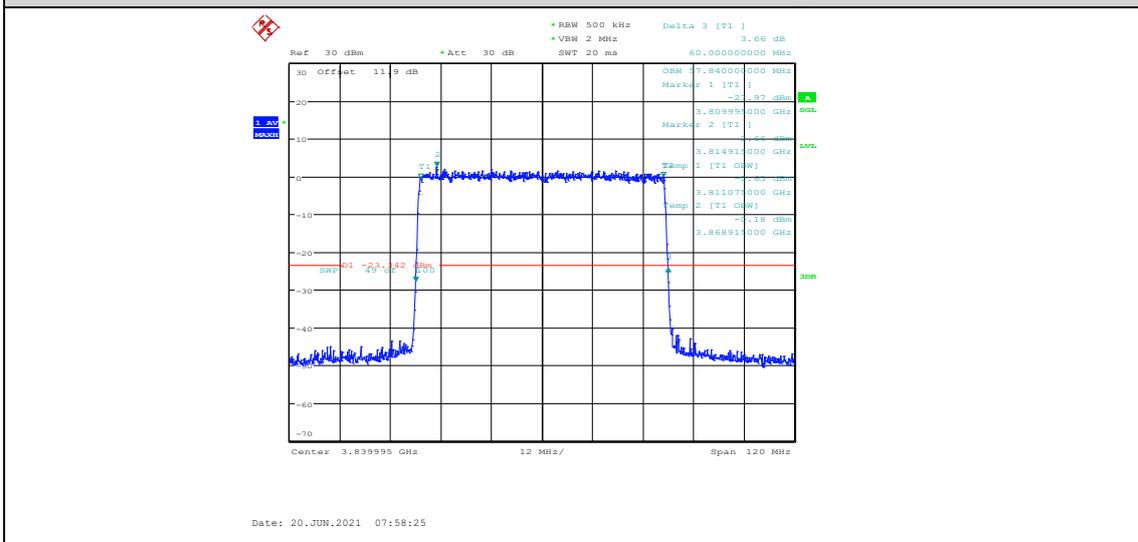
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NTNV-N77-30kHz-60MHz-DFT-64QAM-Mid-Outer_Full---PASS



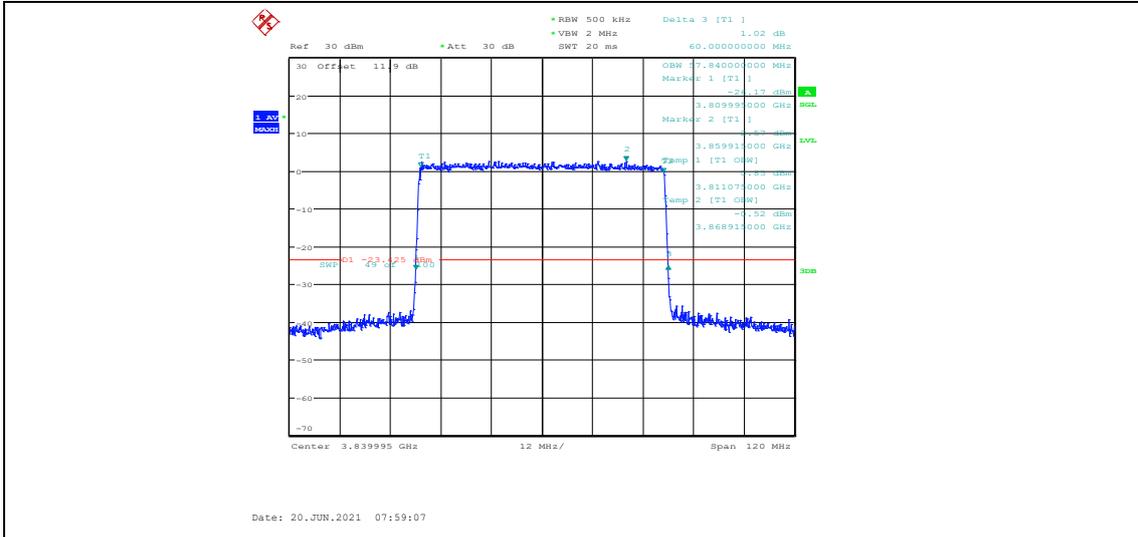
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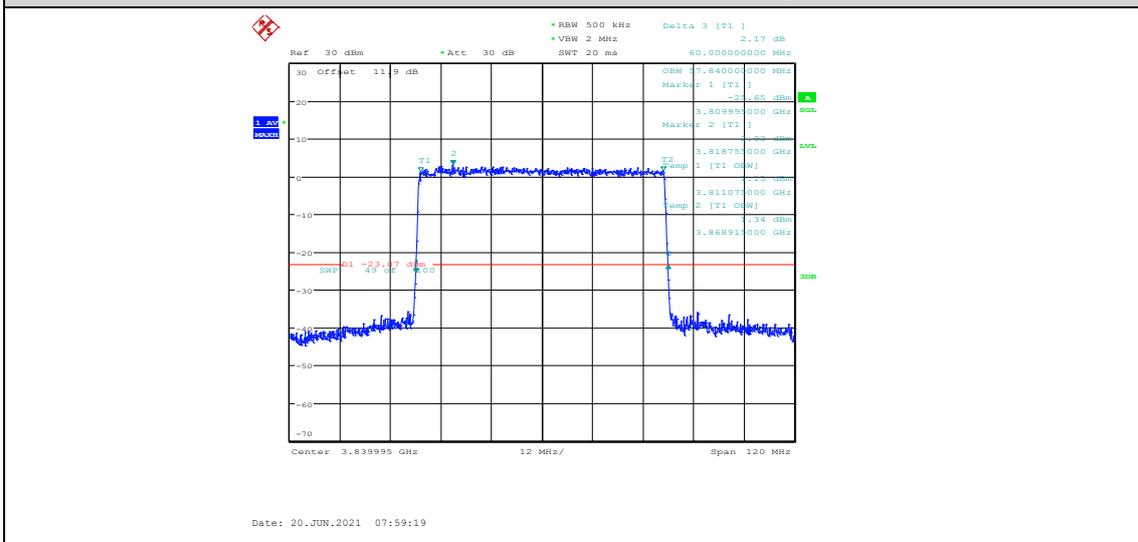
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NTNV-N77-30kHz-60MHz-CP-QPSK-Mid-Outer_Full---PASS



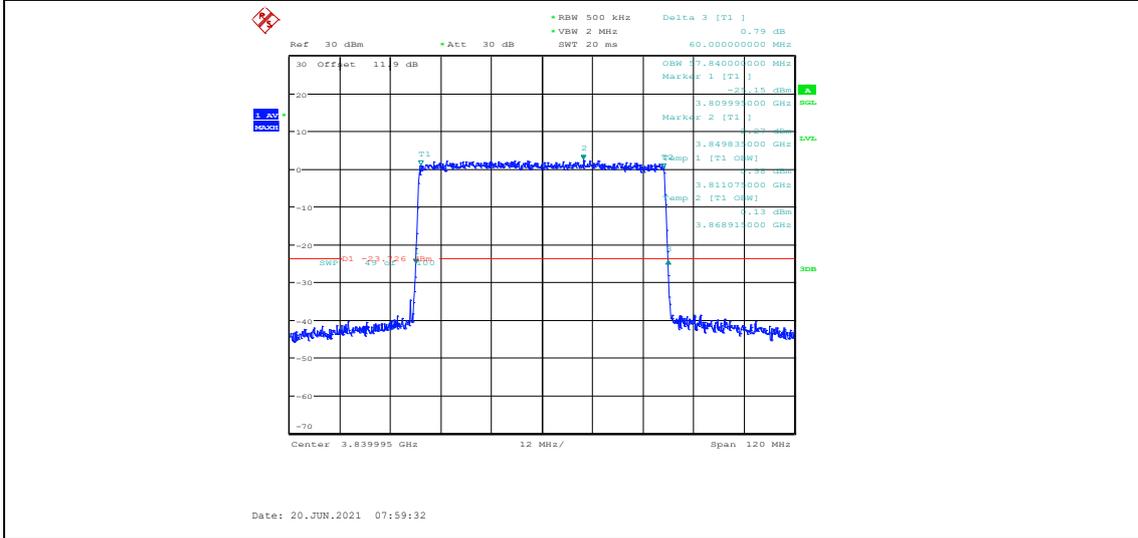
NTNV-N77-30kHz-60MHz-CP-16QAM-Mid-Outer_Full---PASS



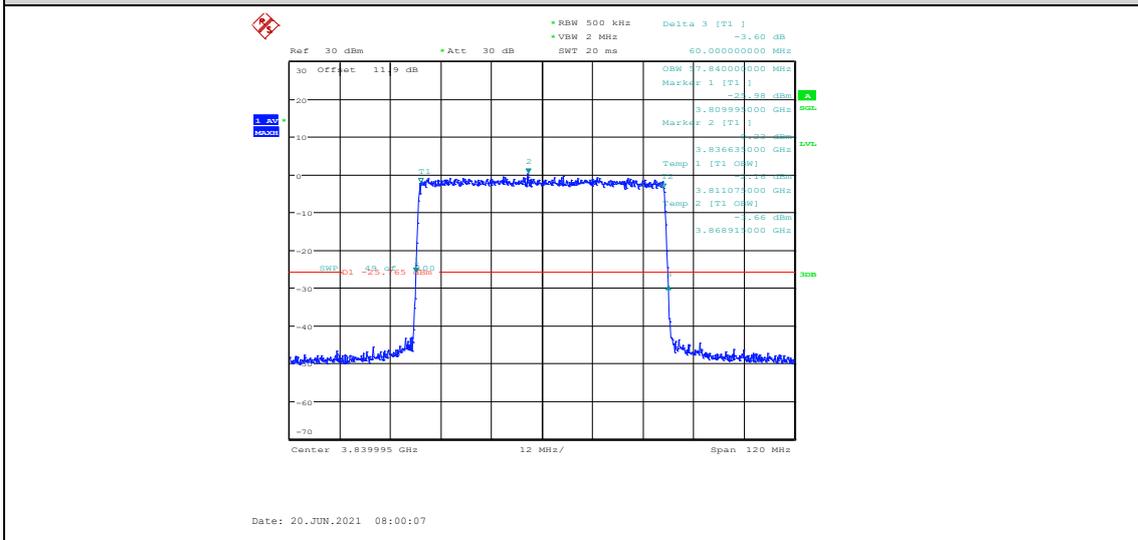
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 中国·西安·沣东新城科源三路137号康隆橙方科技园1号楼D单元1层 邮编: 710086 t (86-29) 6282 7885 sgs.china@sgs.com



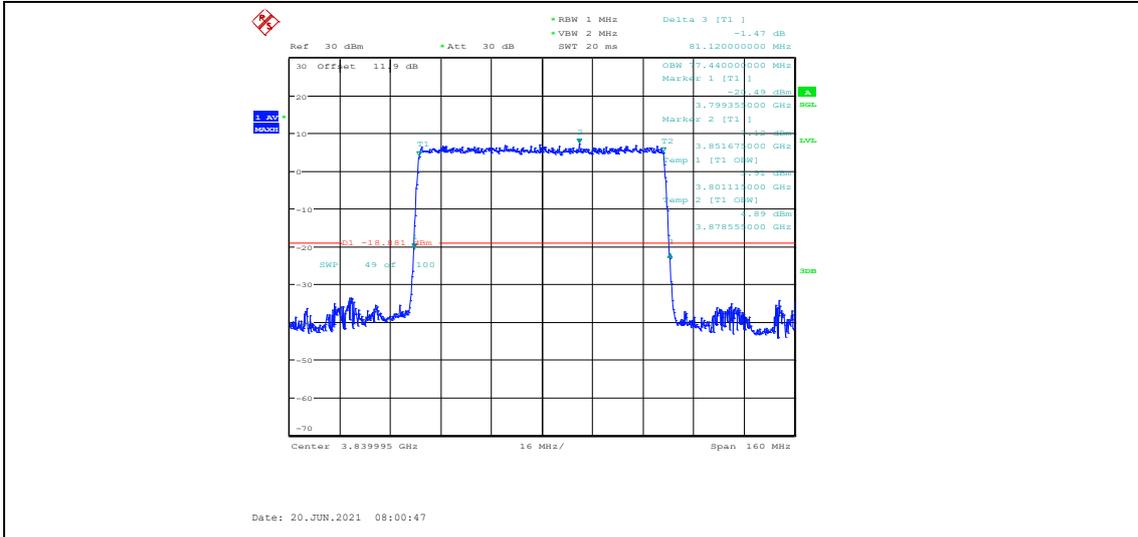
NTNV-N77-30kHz-60MHz-CP-64QAM-Mid-Outer_Full---PASS



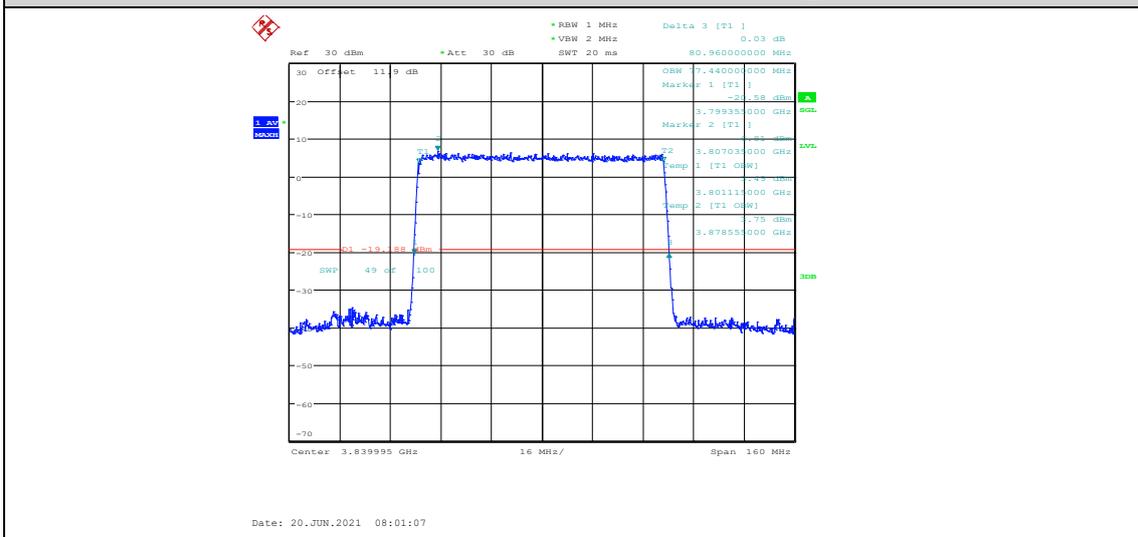
NTNV-N77-30kHz-60MHz-CP-256QAM-Mid-Outer_Full---PASS



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NTNV-N77-30kHz-80MHz-DFT-PI2BPSK-Mid-Outer_Full---PASS

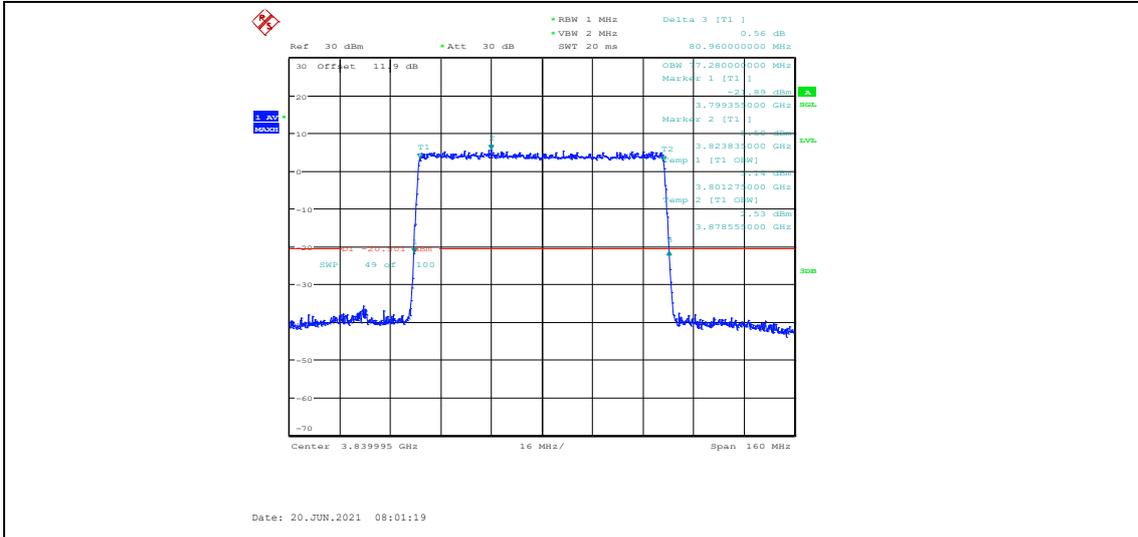


NTNV-N77-30kHz-80MHz-DFT-QPSK-Mid-Outer_Full---PASS

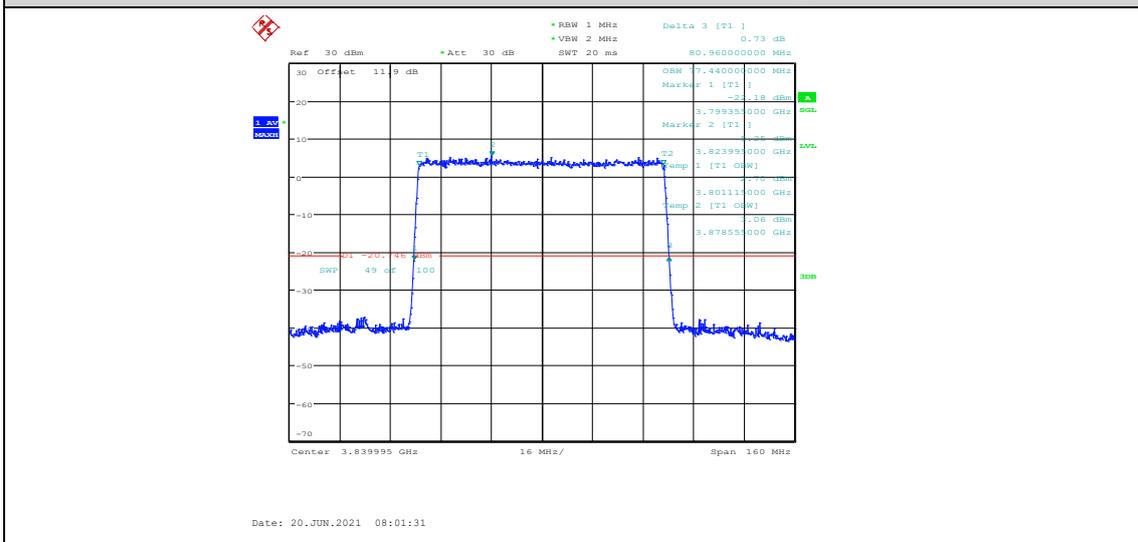


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NTNV-N77-30kHz-80MHz-DFT-16QAM-Mid-Outer_Full---PASS

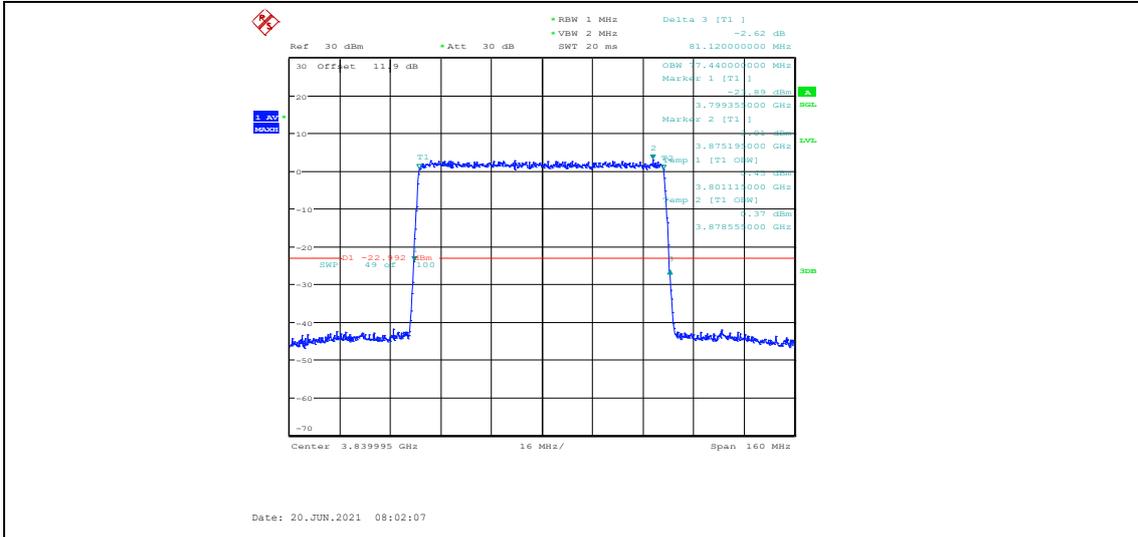


NTNV-N77-30kHz-80MHz-DFT-64QAM-Mid-Outer_Full---PASS

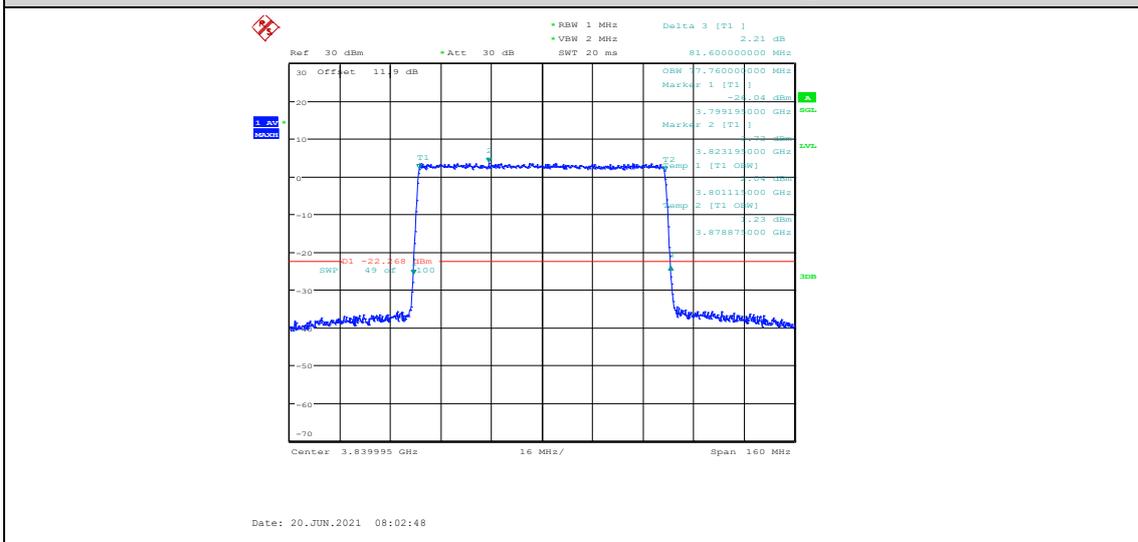


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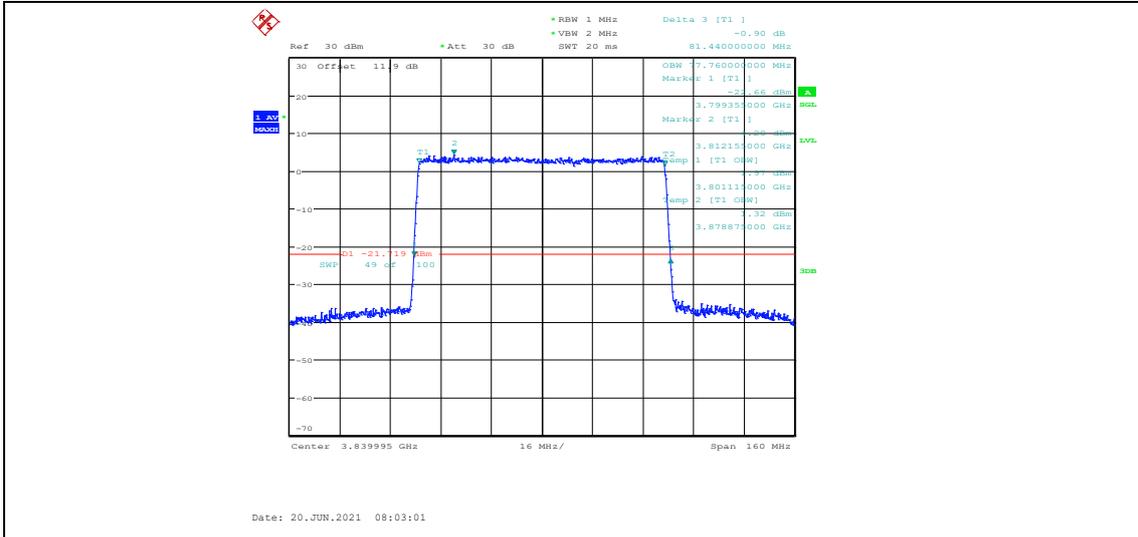


NTNV-N77-30kHz-80MHz-DFT-256QAM-Mid-Outer_Full---PASS

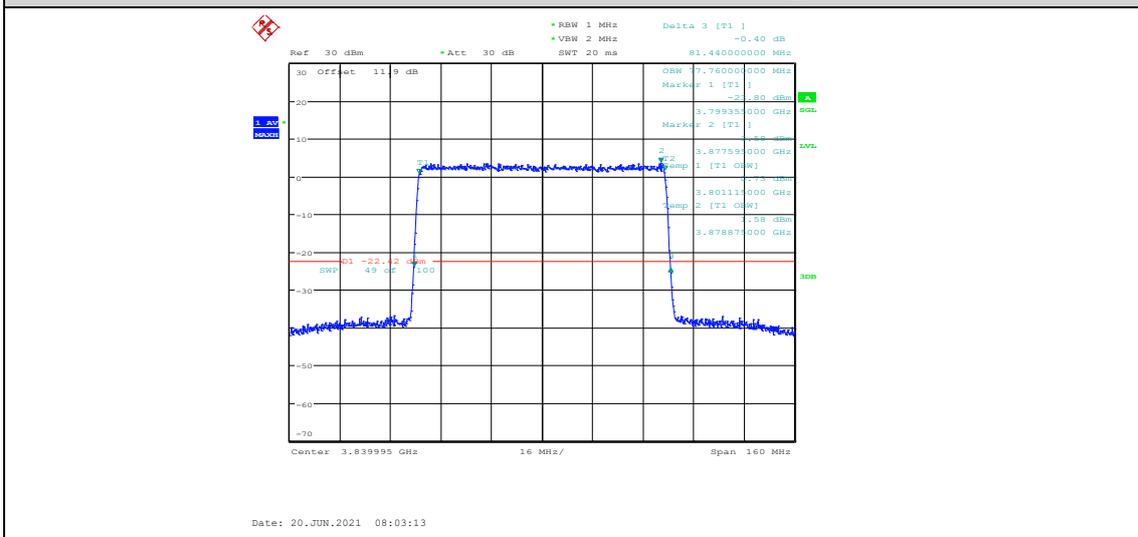


NTNV-N77-30kHz-80MHz-CP-QPSK-Mid-Outer_Full---PASS





NTNV-N77-30kHz-80MHz-CP-16QAM-Mid-Outer_Full---PASS



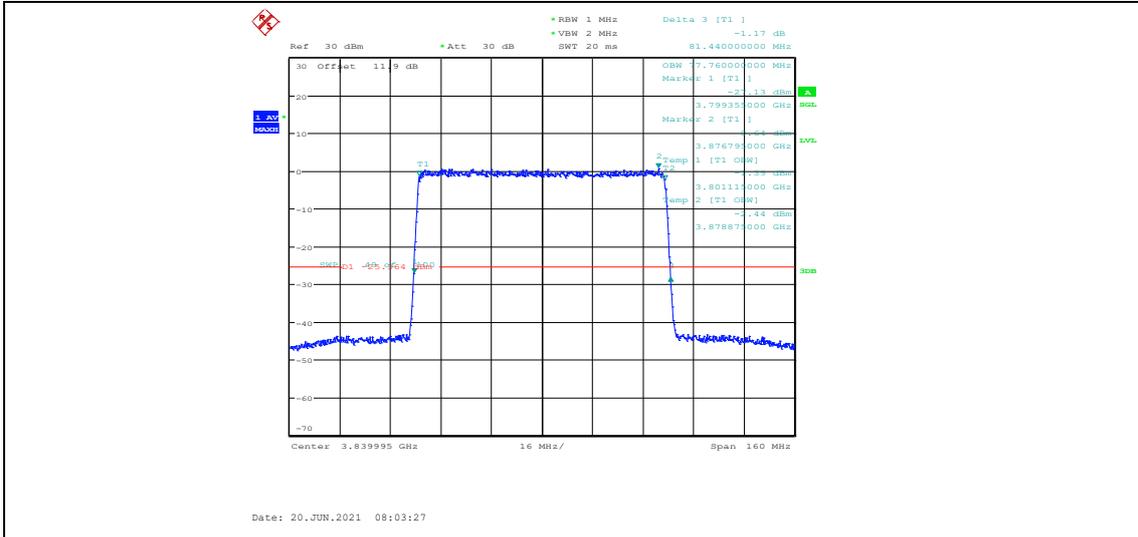
NTNV-N77-30kHz-80MHz-CP-64QAM-Mid-Outer_Full---PASS



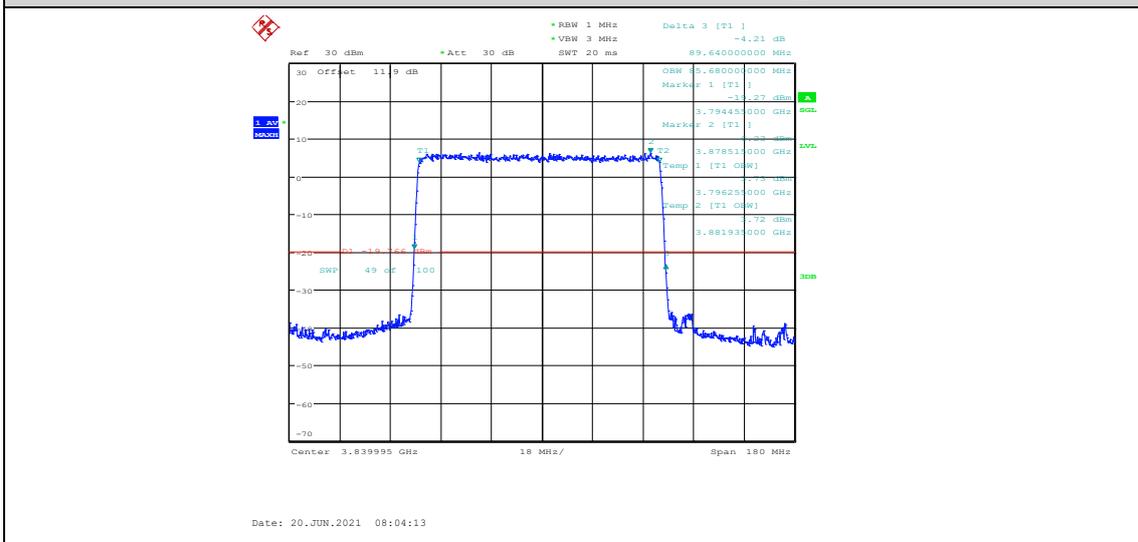
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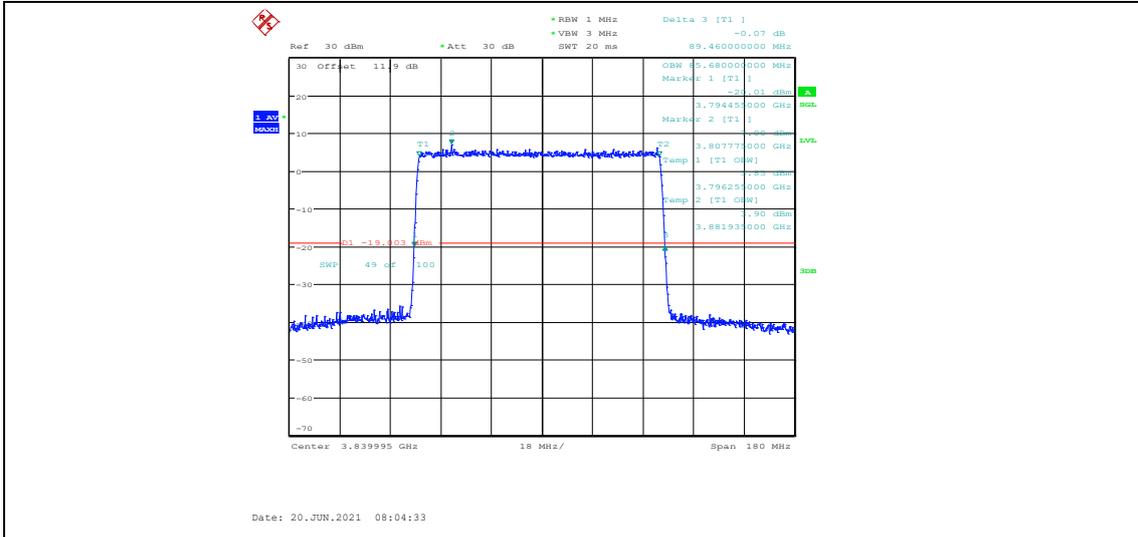
NTNV-N77-30kHz-80MHz-CP-256QAM-Mid-Outer_Full---PASS



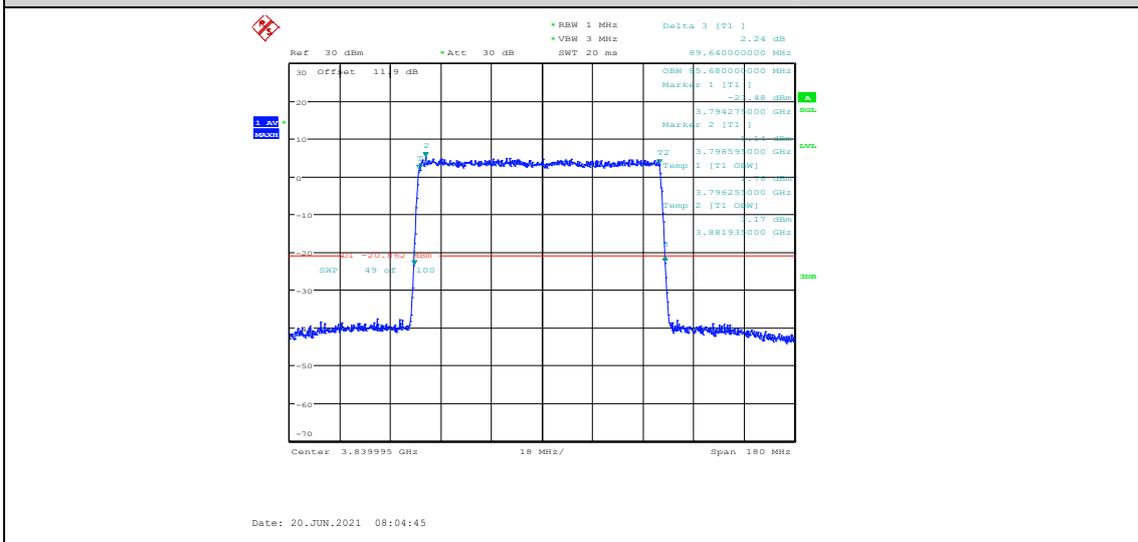
NTNV-N77-30kHz-90MHz-DFT-PI2BPSK-Mid-Outer_Full---PASS



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NTNV-N77-30kHz-90MHz-DFT-QPSK-Mid-Outer_Full---PASS

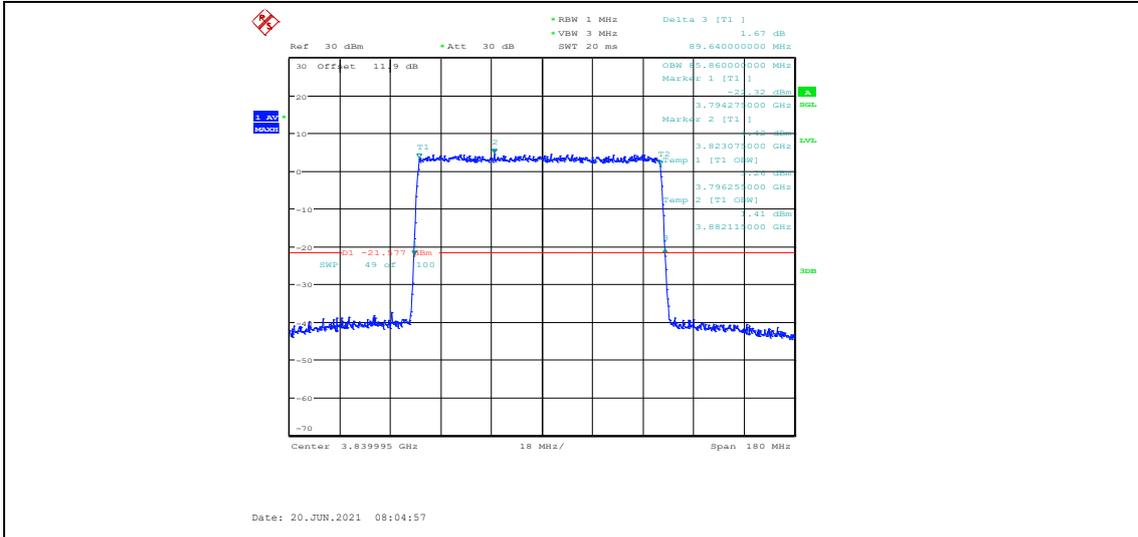


NTNV-N77-30kHz-90MHz-DFT-16QAM-Mid-Outer_Full---PASS

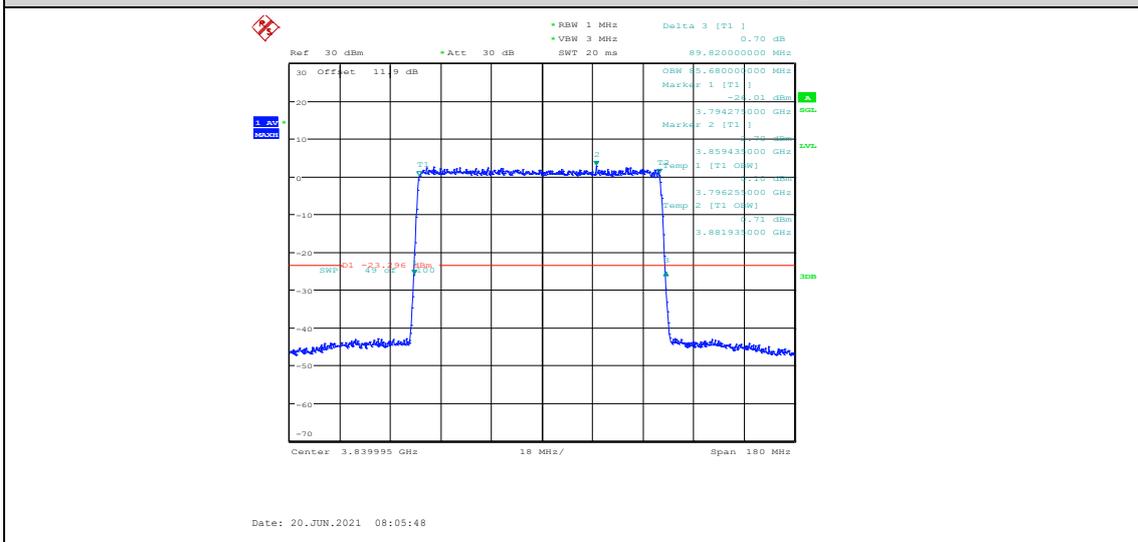


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NTNV-N77-30kHz-90MHz-DFT-64QAM-Mid-Outer_Full---PASS



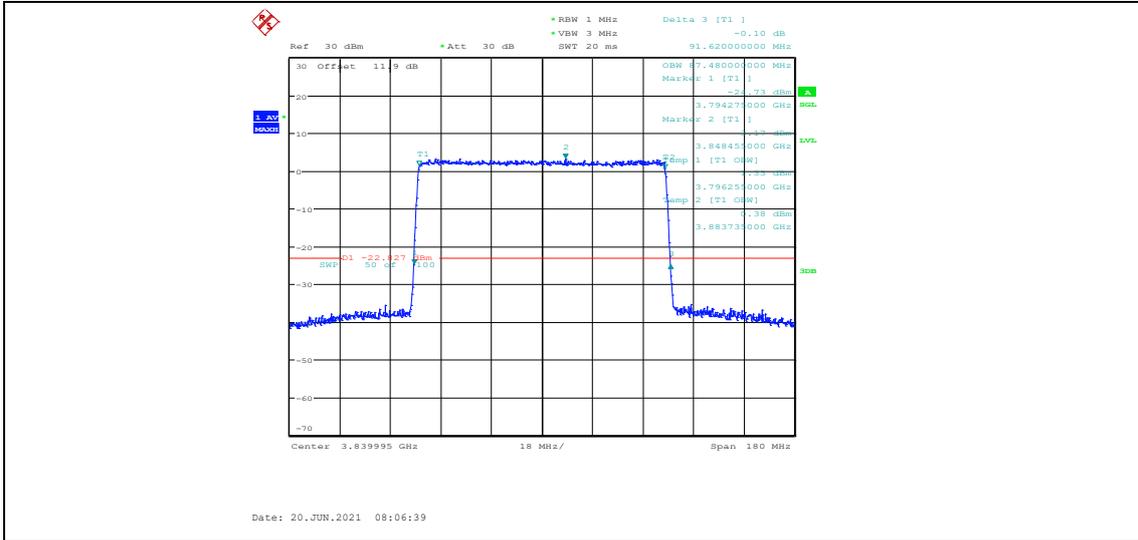
NTNV-N77-30kHz-90MHz-DFT-256QAM-Mid-Outer_Full---PASS



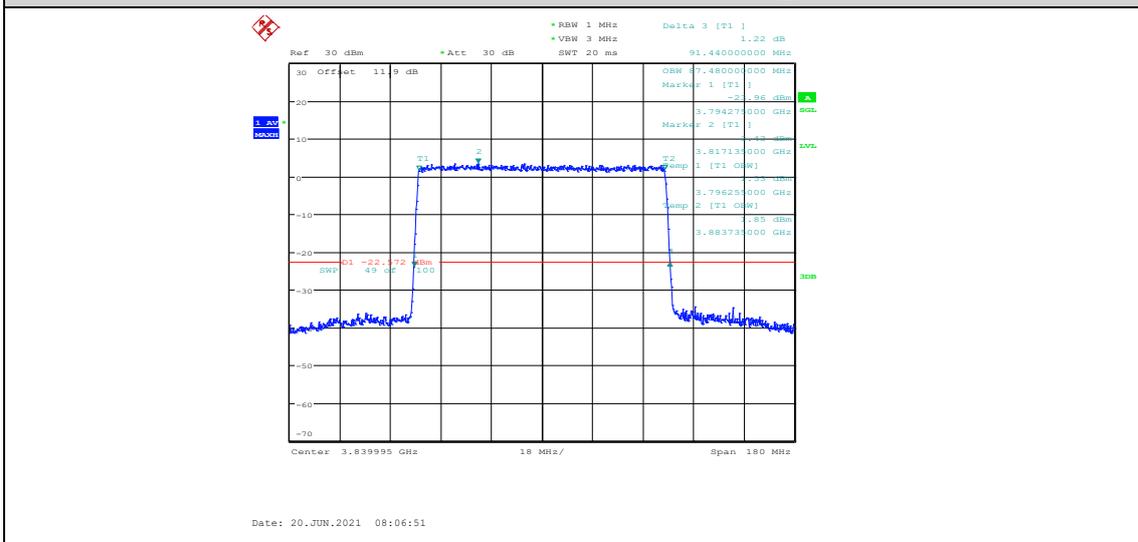
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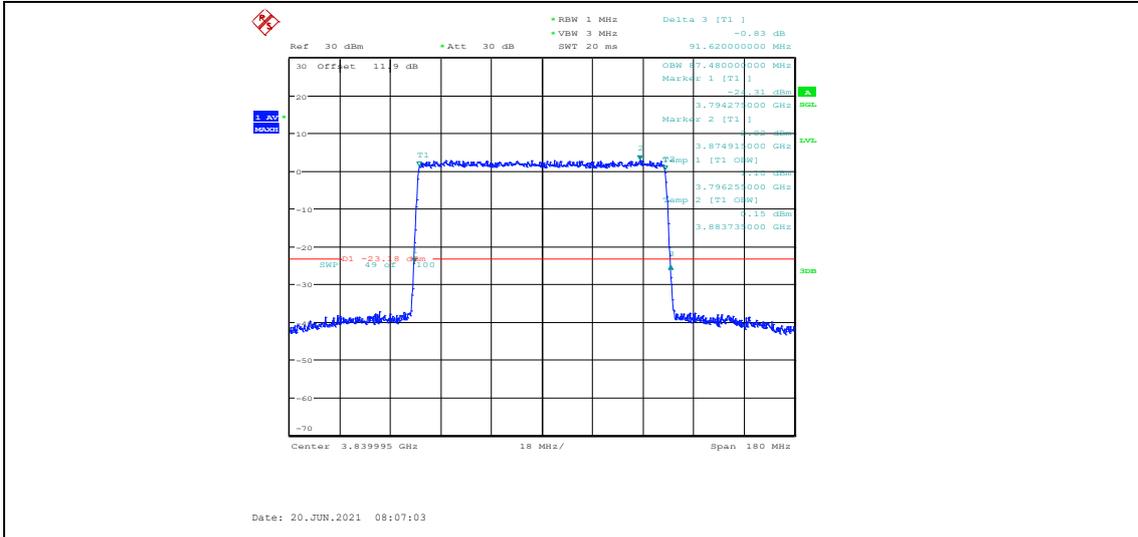
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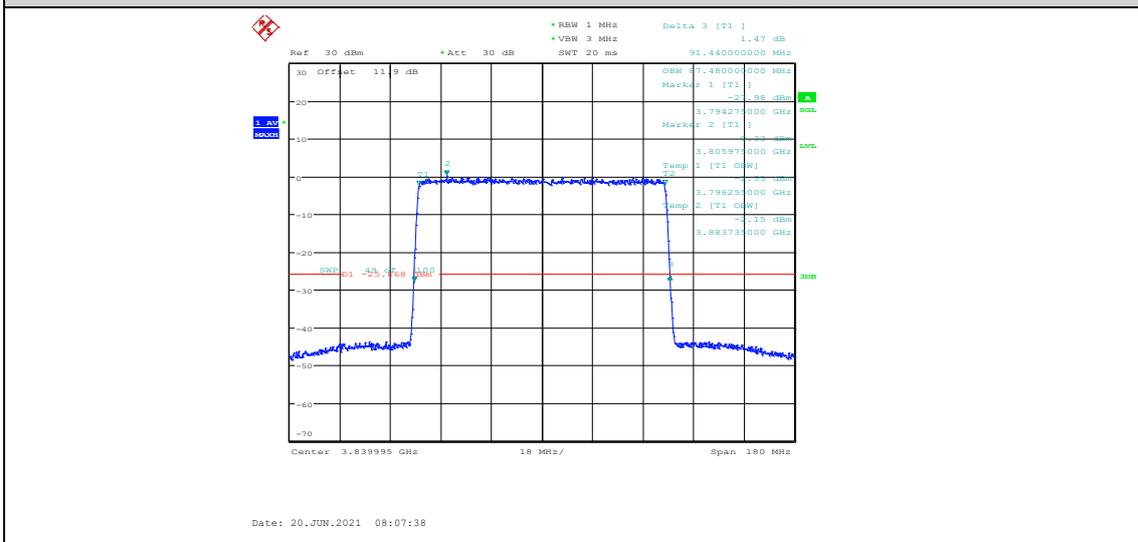
NTNV-N77-30kHz-90MHz-CP-16QAM-Mid-Outer_Full---PASS



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NTNV-N77-30kHz-90MHz-CP-64QAM-Mid-Outer_Full---PASS

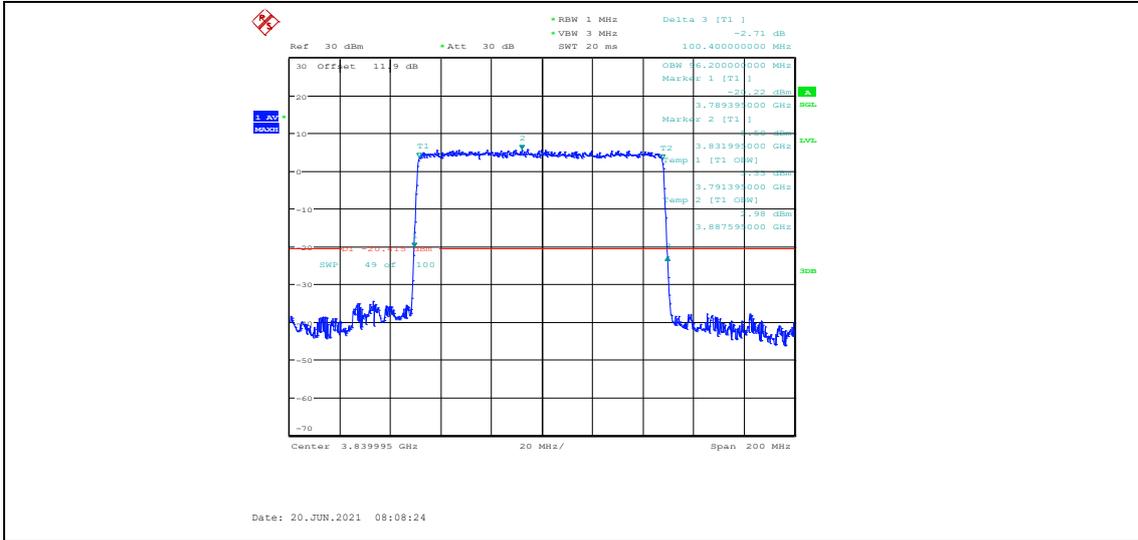


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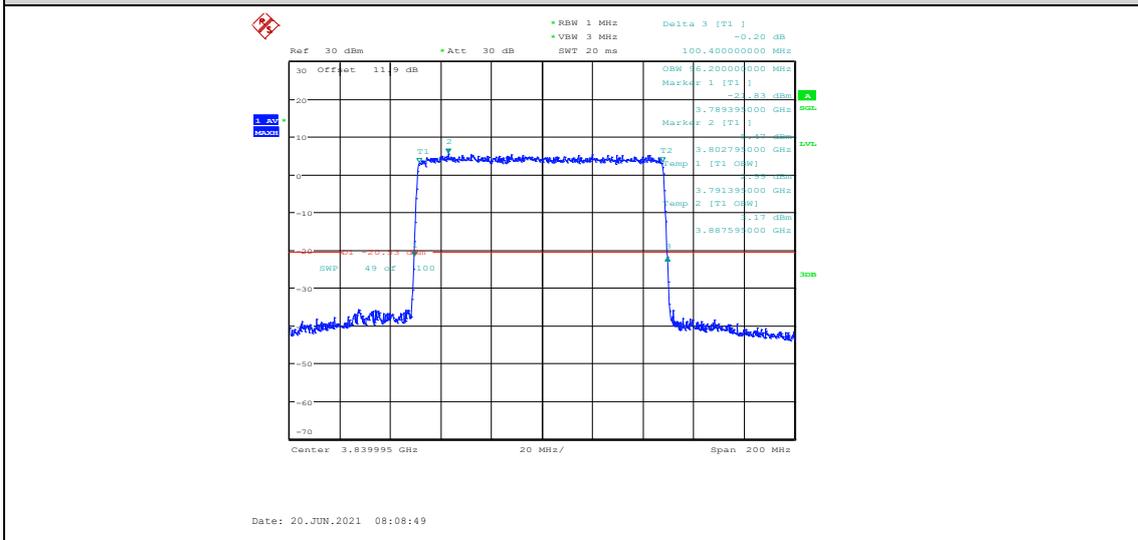


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NTNV-N77-30kHz-100MHz-DFT-PI2BPSK-Mid-Outer_Full---PASS

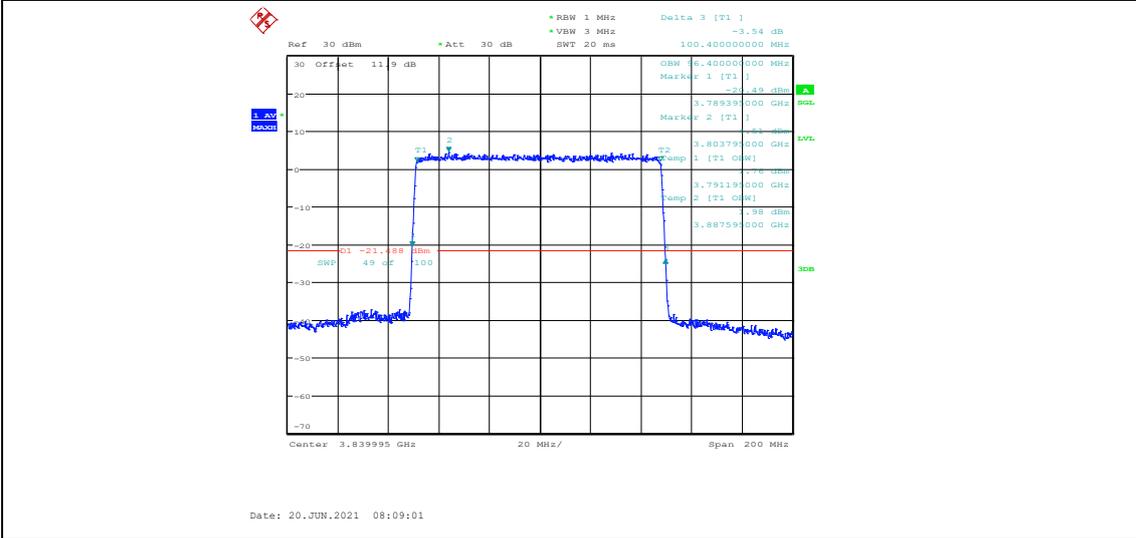


NTNV-N77-30kHz-100MHz-DFT-QPSK-Mid-Outer_Full---PASS

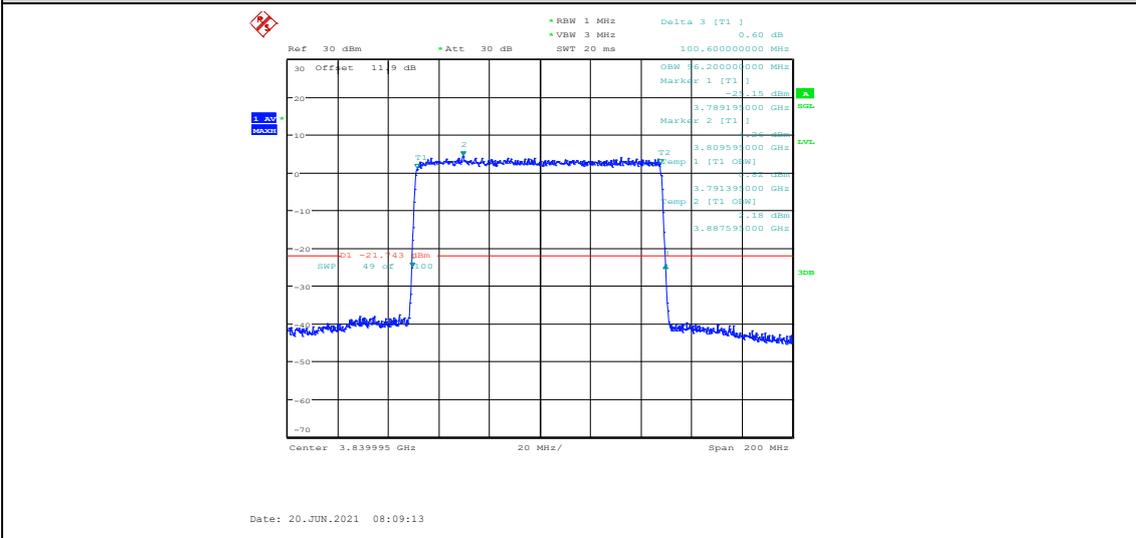


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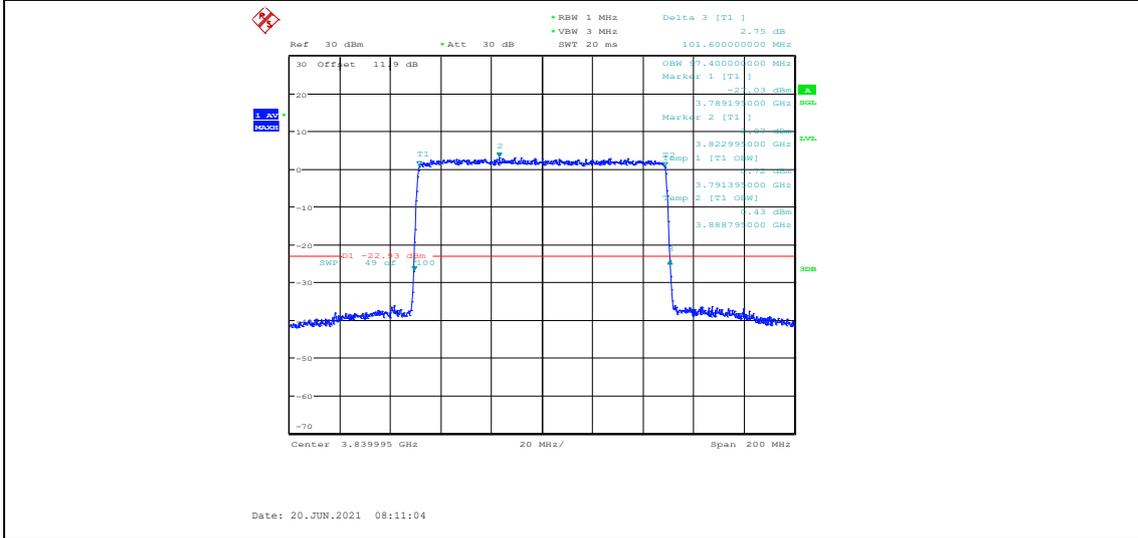


NTNV-N77-30kHz-100MHz-DFT-64QAM-Mid-Outer_Full---PASS

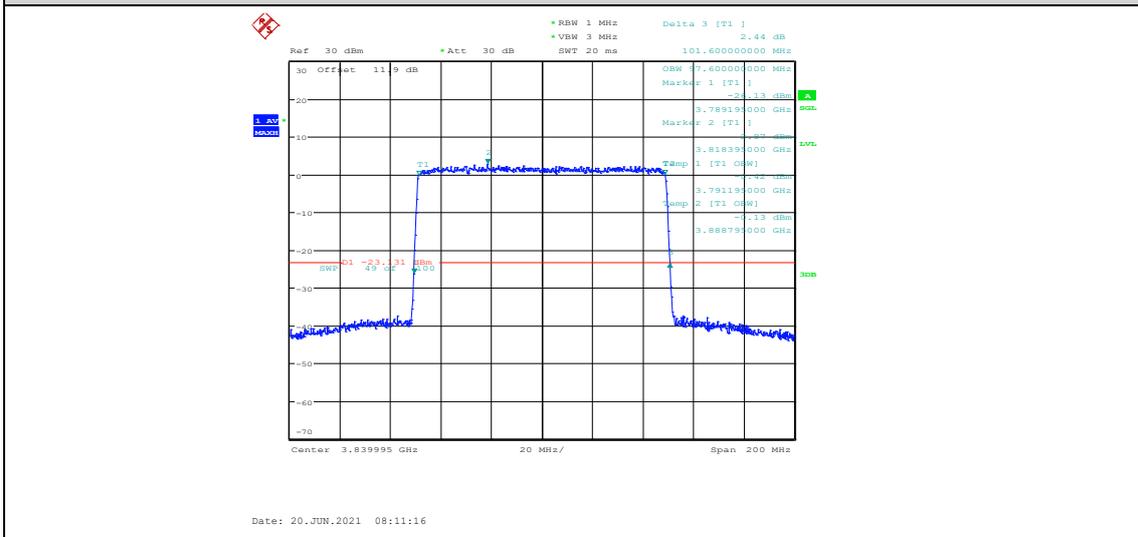


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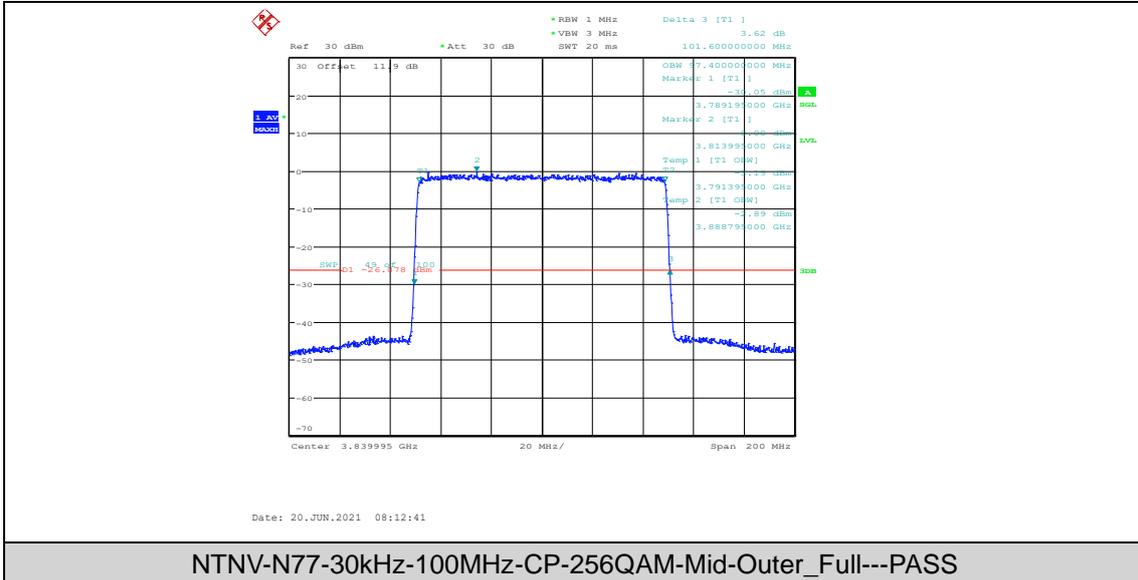


NTNV-N77-30kHz-100MHz-CP-64QAM-Mid-Outer_Full---PASS



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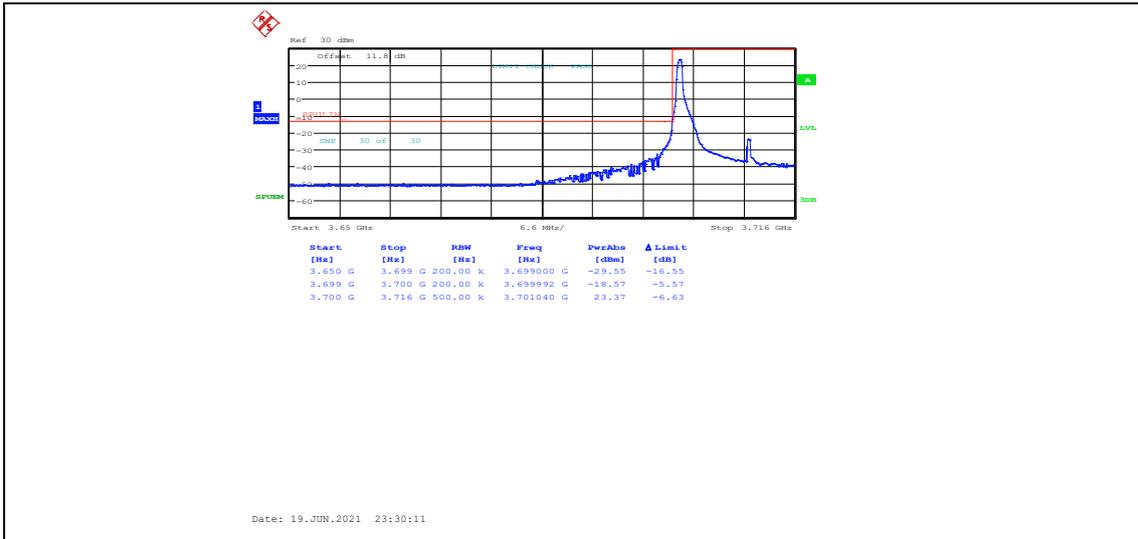
All antenna and all modulation had been tested, but only the worst case data displayed in this report



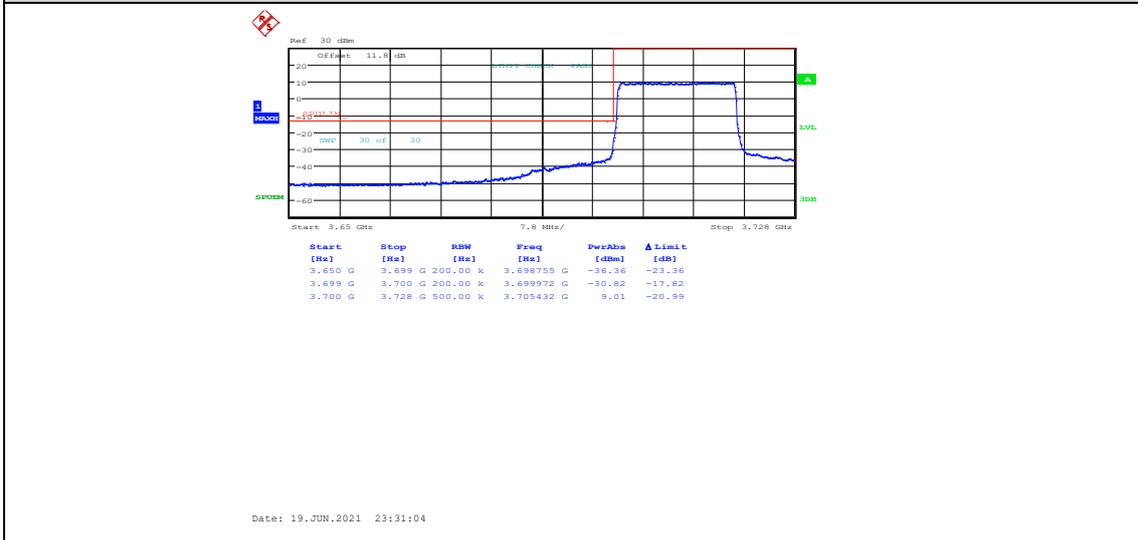
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Band Edge for SA

Test Graphs



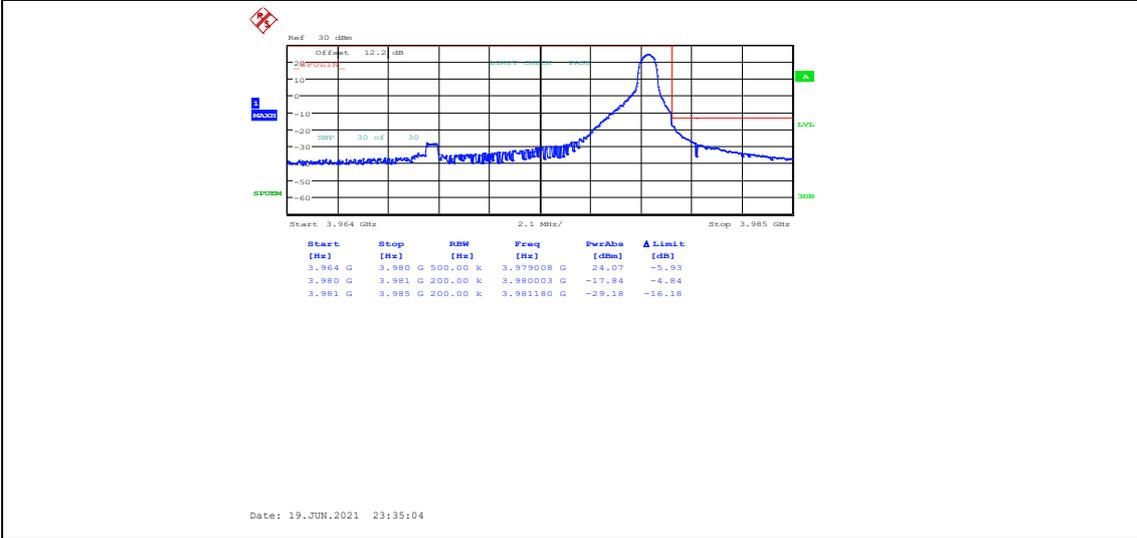
NTNV-N77-30kHz-20MHz-DFT-BPSK-Low-Edge_1RB_Left-----see graph-PASS



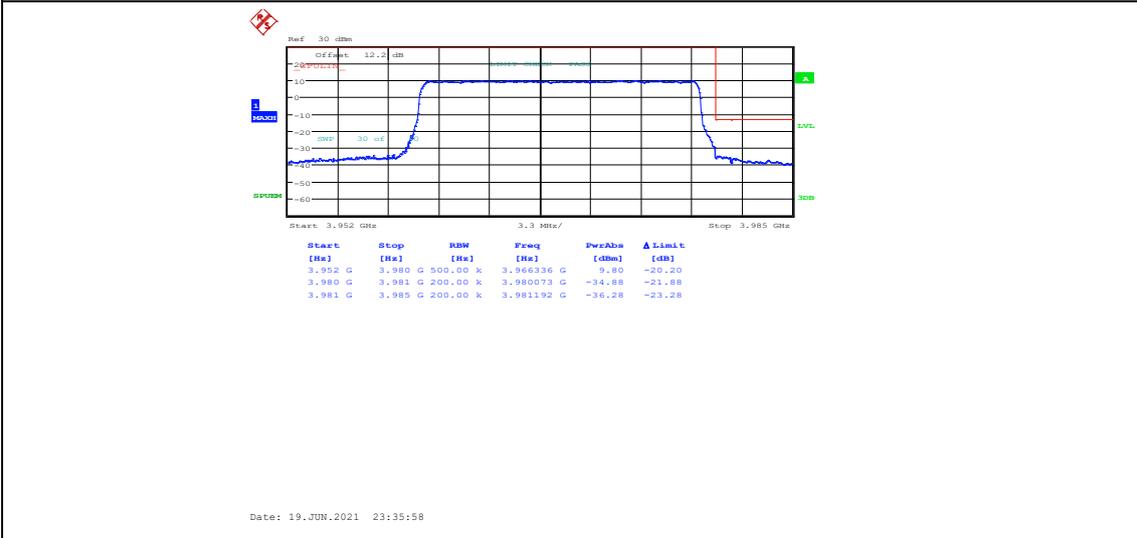
NTNV-N77-30kHz-20MHz-DFT-BPSK-Low-Outer_Full-----see graph-PASS



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NTNV-N77-30kHz-20MHz-DFT-BPSK-High-Edge_1RB_Right-----see graph-PASS

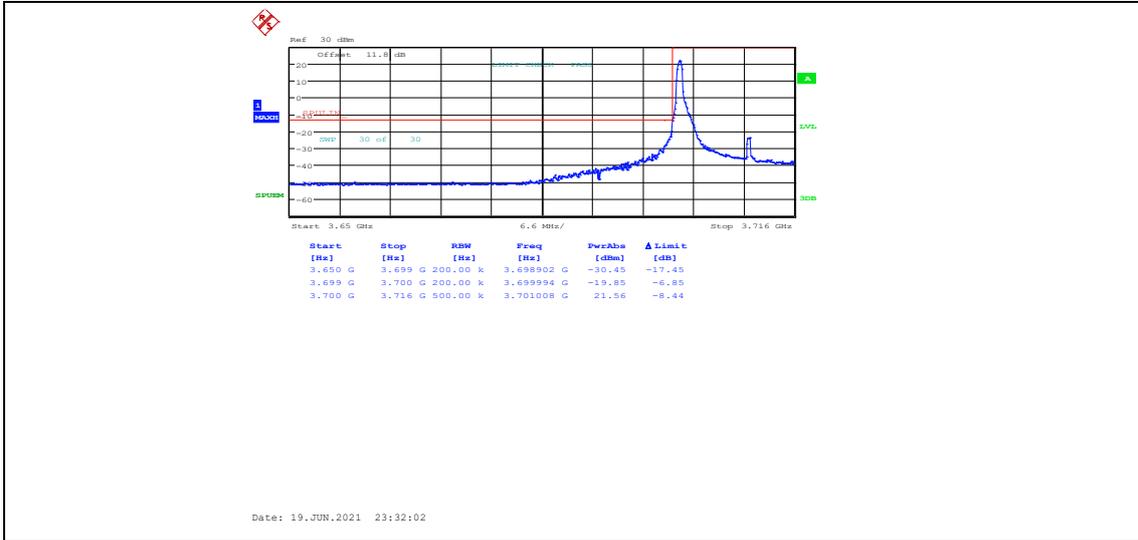


NTNV-N77-30kHz-20MHz-DFT-BPSK-High-Outer_Full-----see graph-PASS

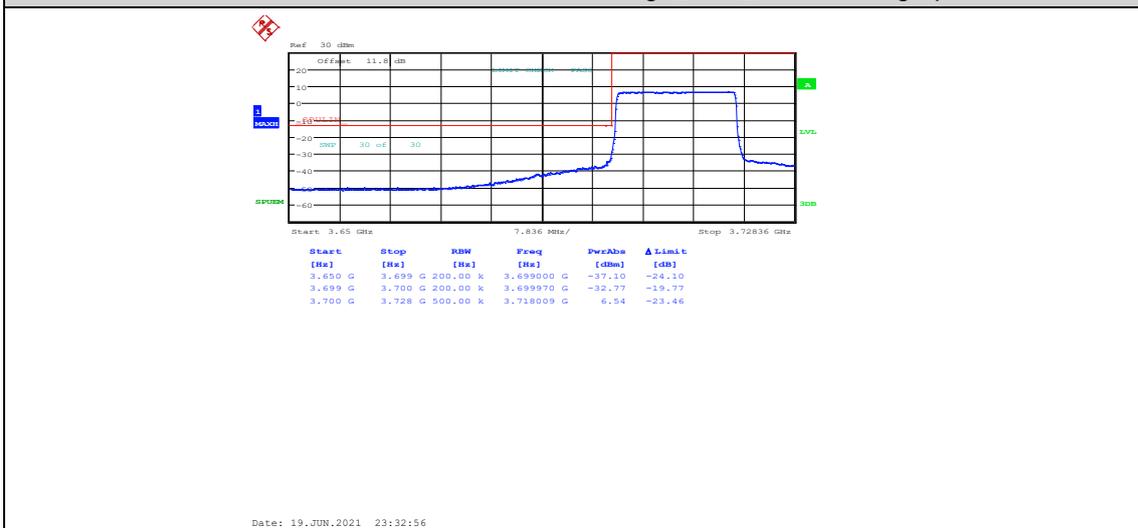


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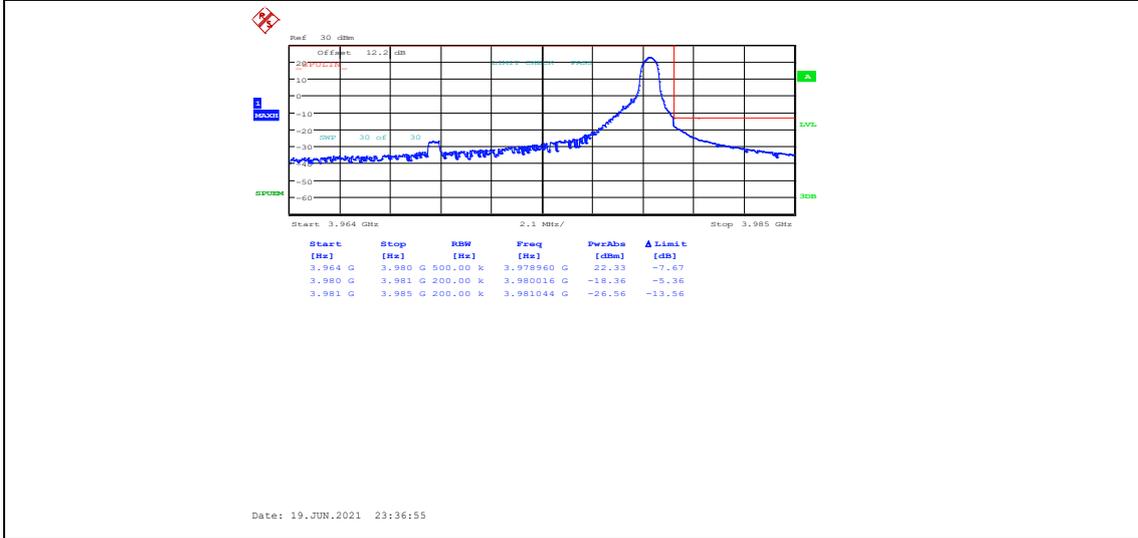


NTNV-N77-30kHz-20MHz-CP-QPSK-Low-Edge_1RB_Left-----see graph-PASS

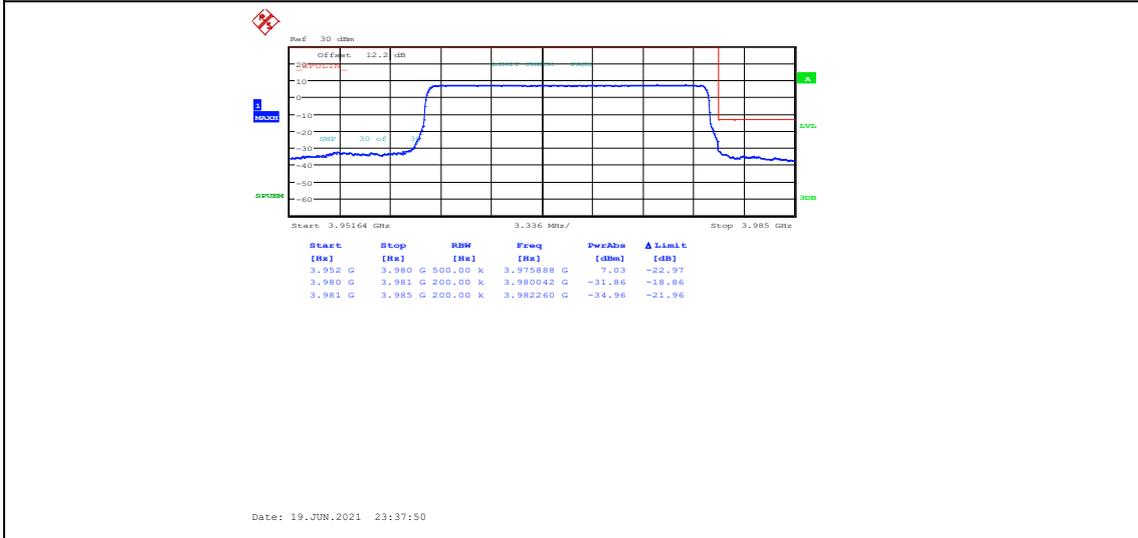


NTNV-N77-30kHz-20MHz-CP-QPSK-Low-Outer_Full-----see graph-PASS





NTNV-N77-30kHz-20MHz-CP-QPSK-High-Edge_1RB_Right-----see graph-PASS

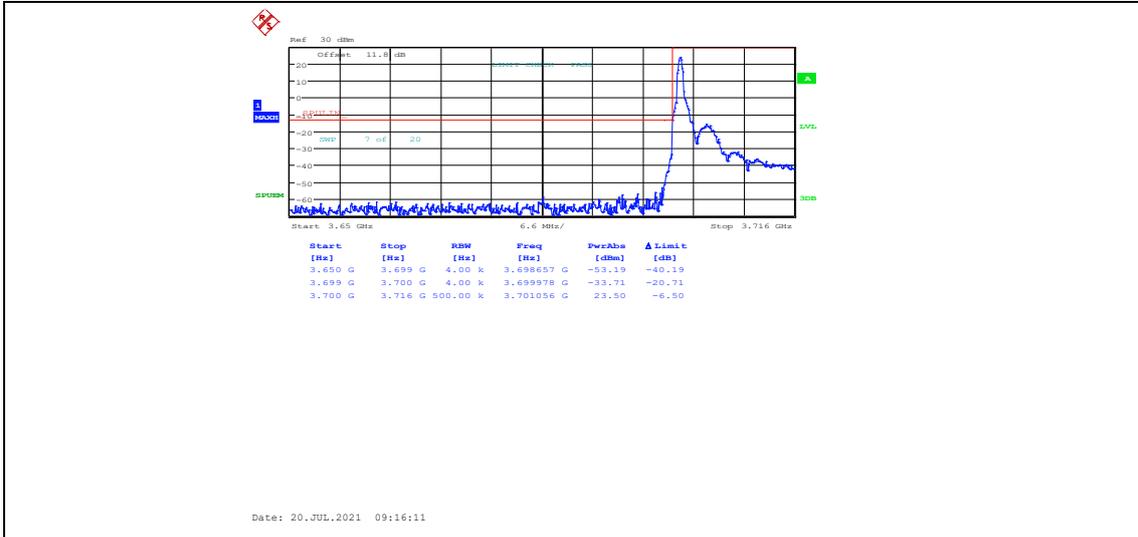


NTNV-N77-30kHz-20MHz-CP-QPSK-High-Outer_Full-----see graph-PASS

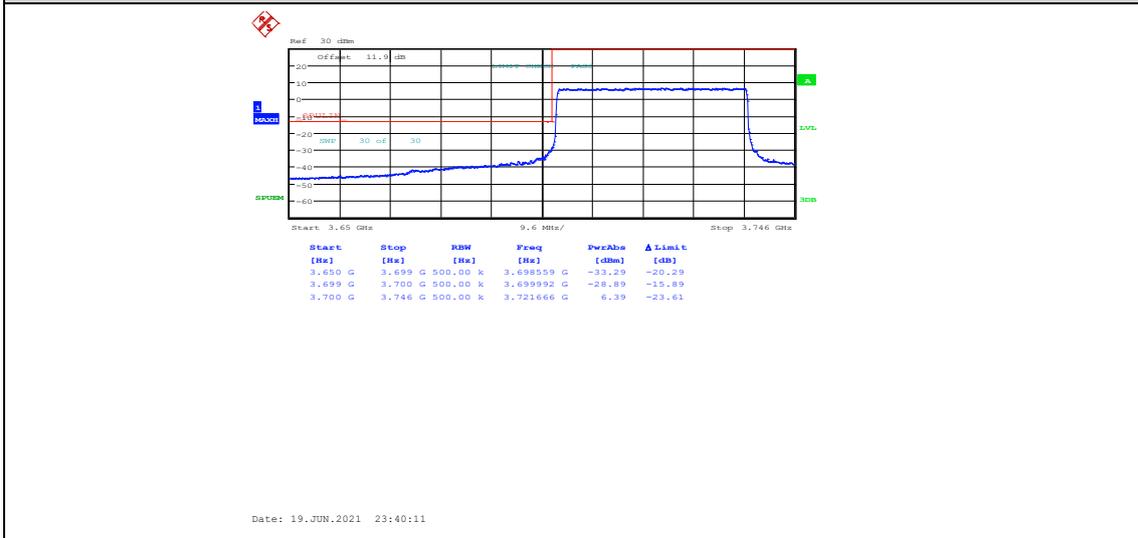


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 中国·西安·沣东新城科源三路137号康隆橙方科技园1号楼D单元1层 邮编: 710086 t (86-29) 6282 7885 sgs.china@sgs.com



NTNV-N77-30kHz-40MHz-DFT-BPSK-Low-Edge_1RB_Left-----see graph-PASS

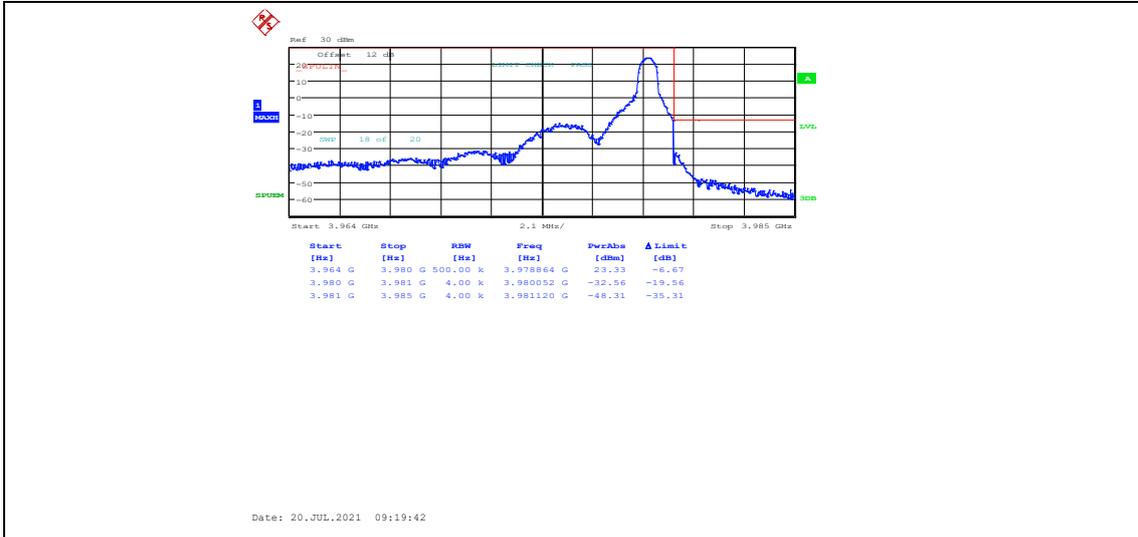


NTNV-N77-30kHz-40MHz-DFT-BPSK-Low-Outer_Full-----see graph-PASS

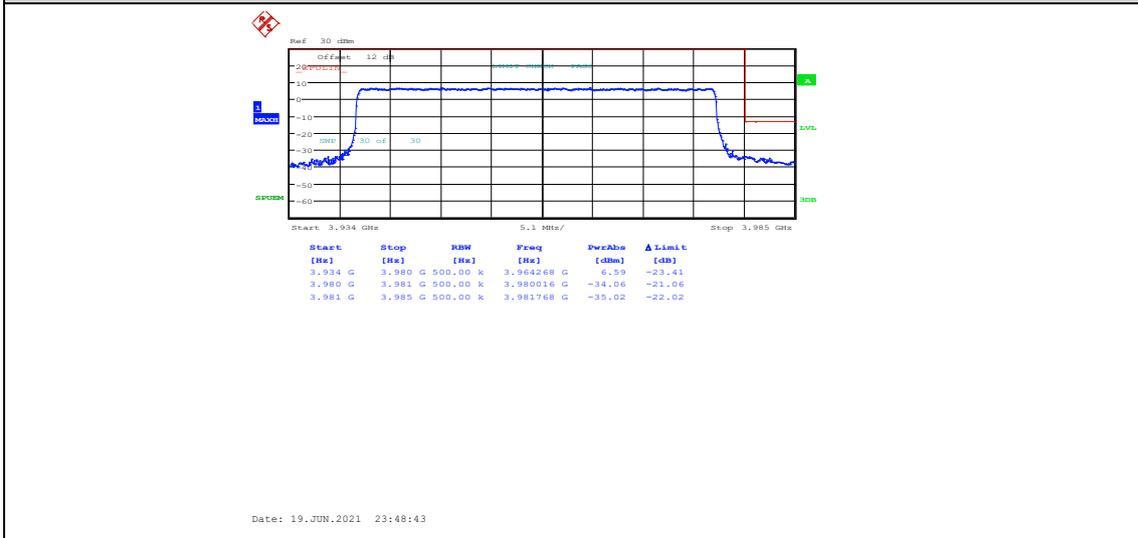


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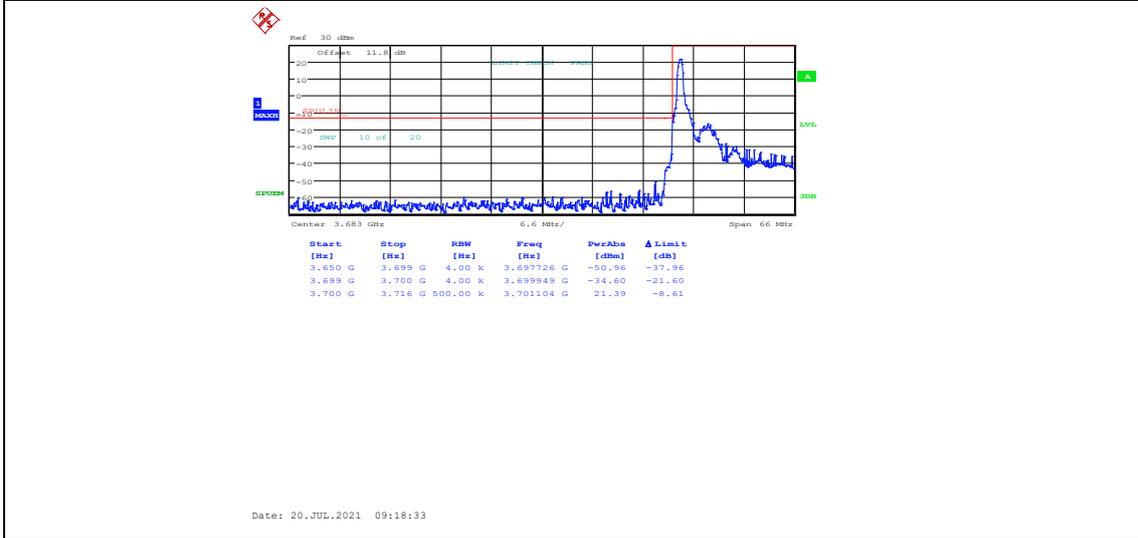


NTNV-N77-30kHz-40MHz-DFT-BPSK-High-Edge_1RB_Right-----see graph-PASS

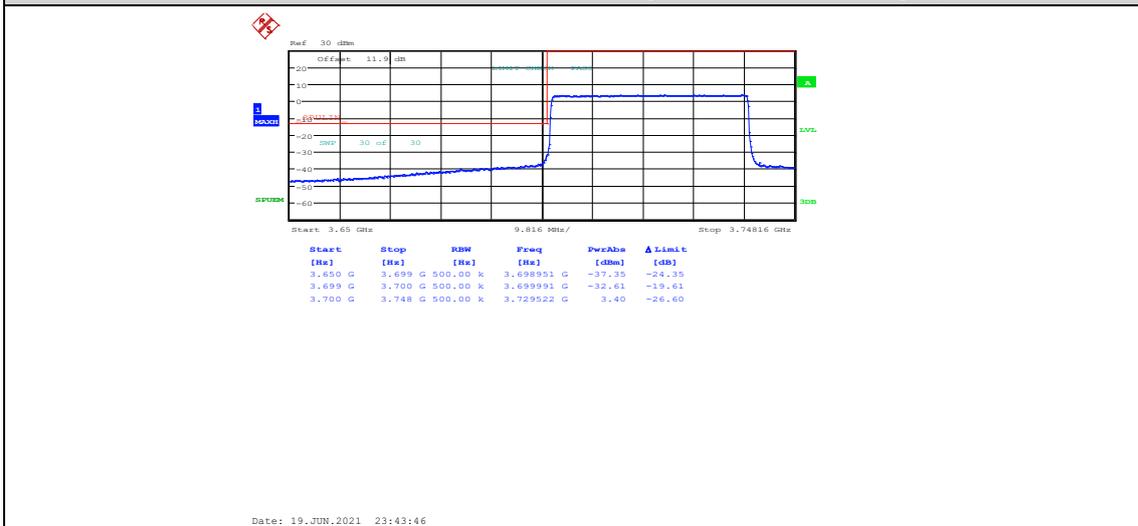


NTNV-N77-30kHz-40MHz-DFT-BPSK-High-Outer_Full-----see graph-PASS





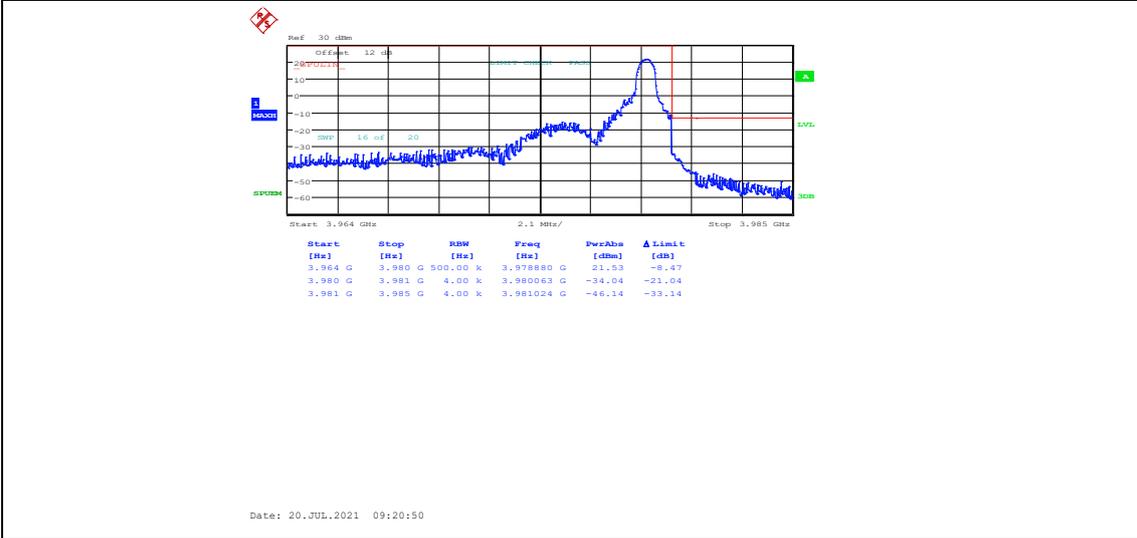
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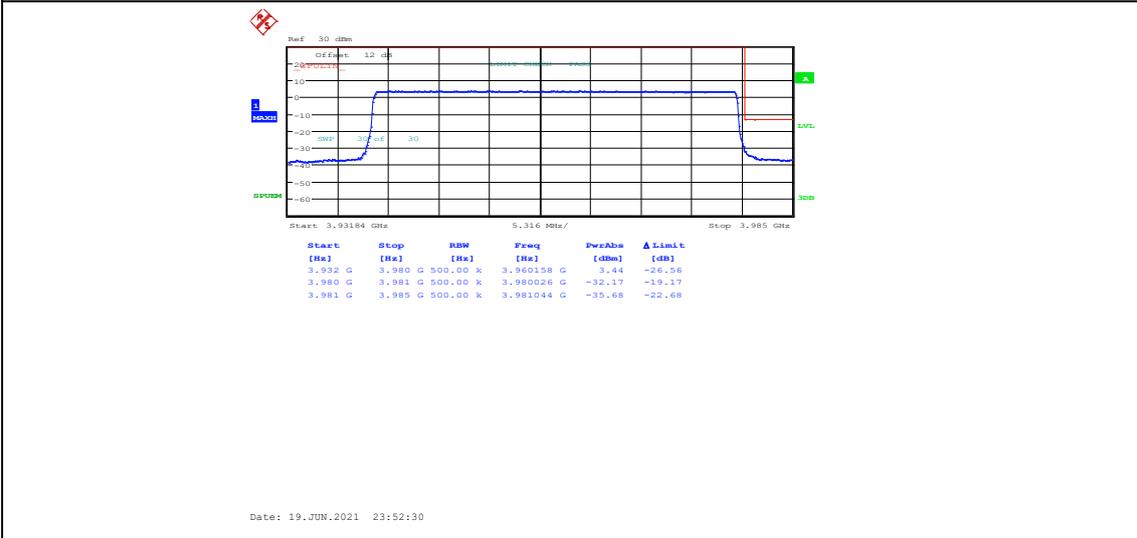
NTNV-N77-30kHz-40MHz-CP-QPSK-Low-Outer_Full-----see graph-PASS



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NTNV-N77-30kHz-40MHz-CP-QPSK-High-Edge_1RB_Right-----see graph-PASS

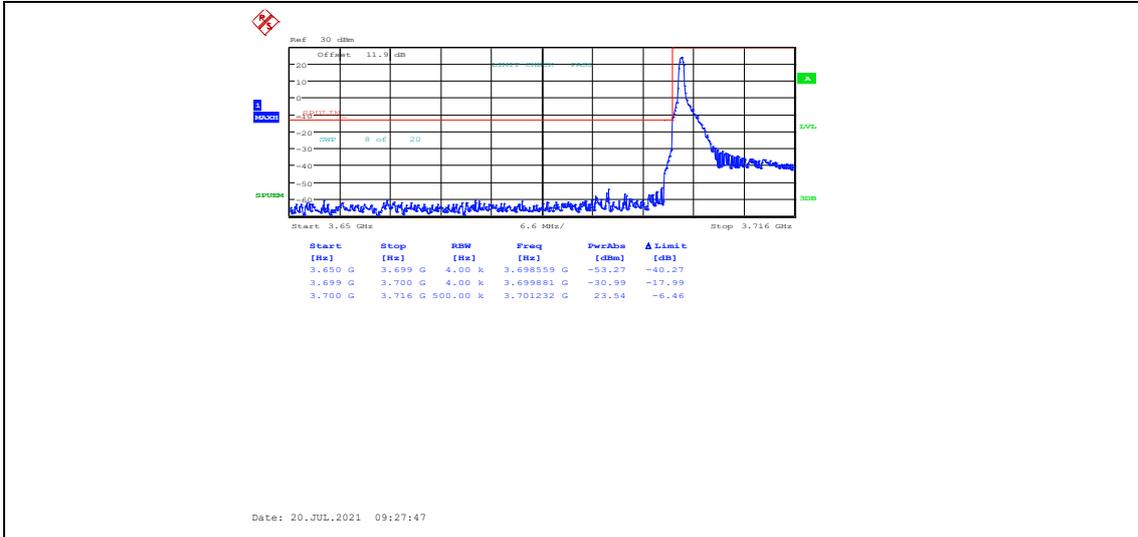


NTNV-N77-30kHz-40MHz-CP-QPSK-High-Outer_Full-----see graph-PASS

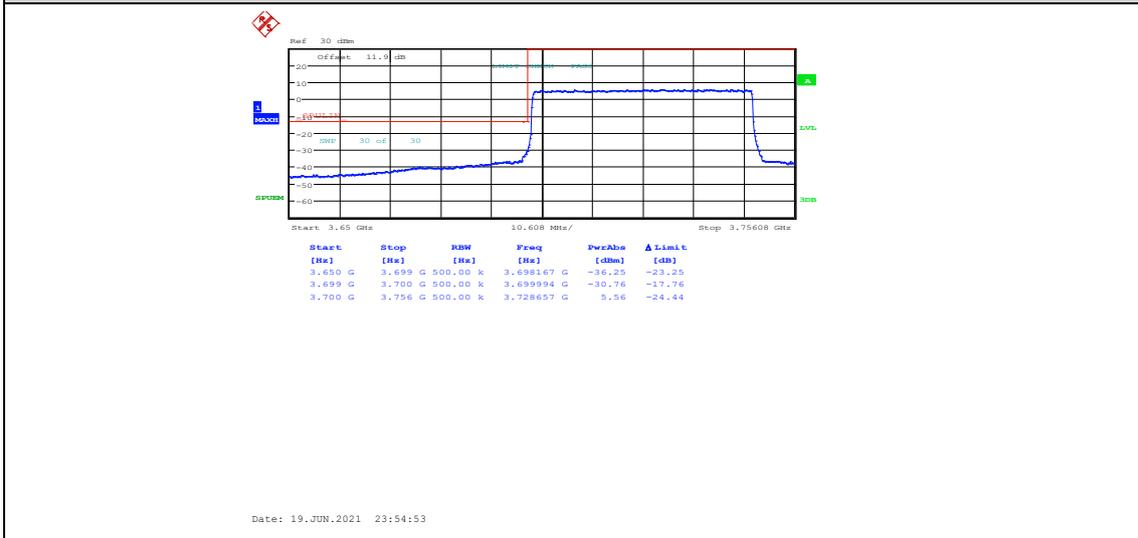


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NTNV-N77-30kHz-50MHz-DFT-BPSK-Low-Edge_1RB_Left-----see graph-PASS

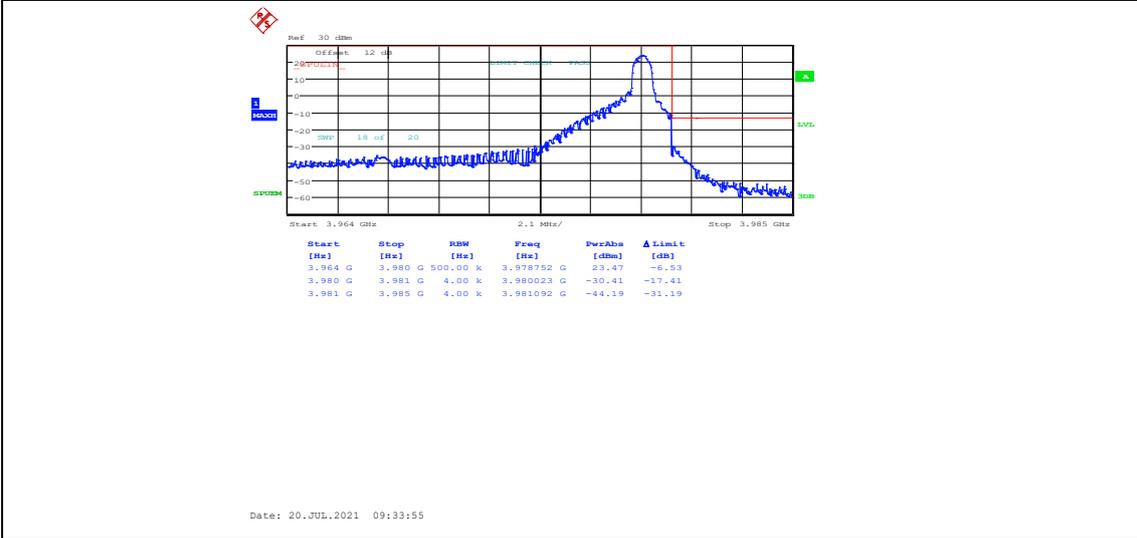


NTNV-N77-30kHz-50MHz-DFT-BPSK-Low-Outer_Full-----see graph-PASS

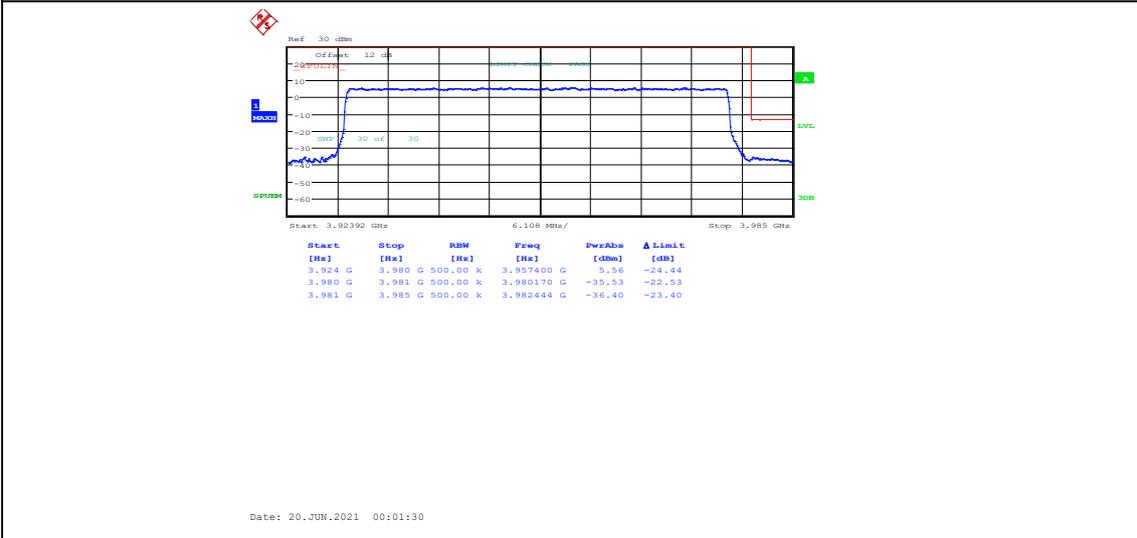


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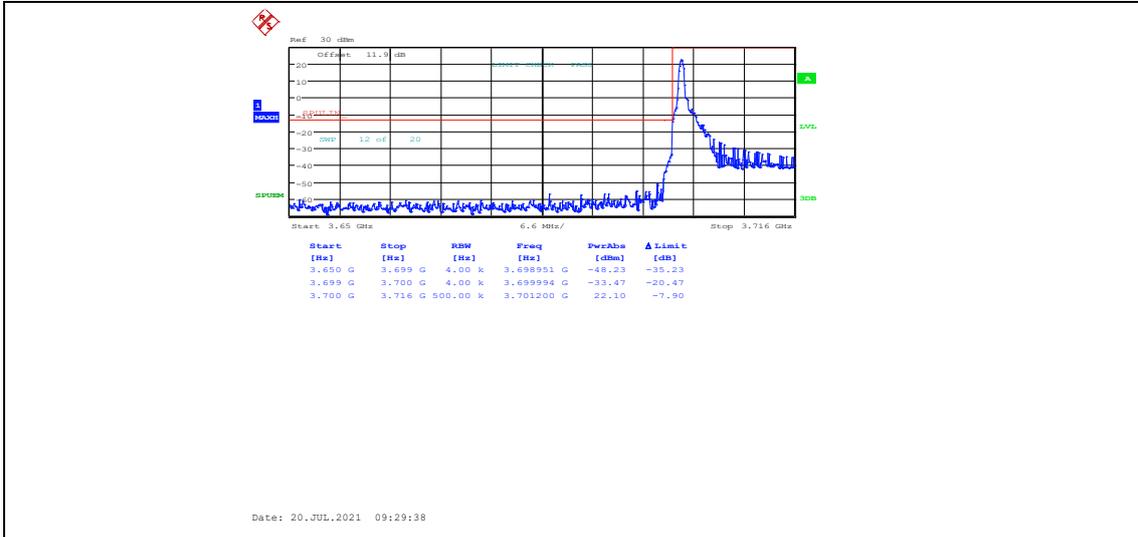
NTNV-N77-30kHz-50MHz-DFT-BPSK-High-Edge_1RB_Right-----see graph-PASS



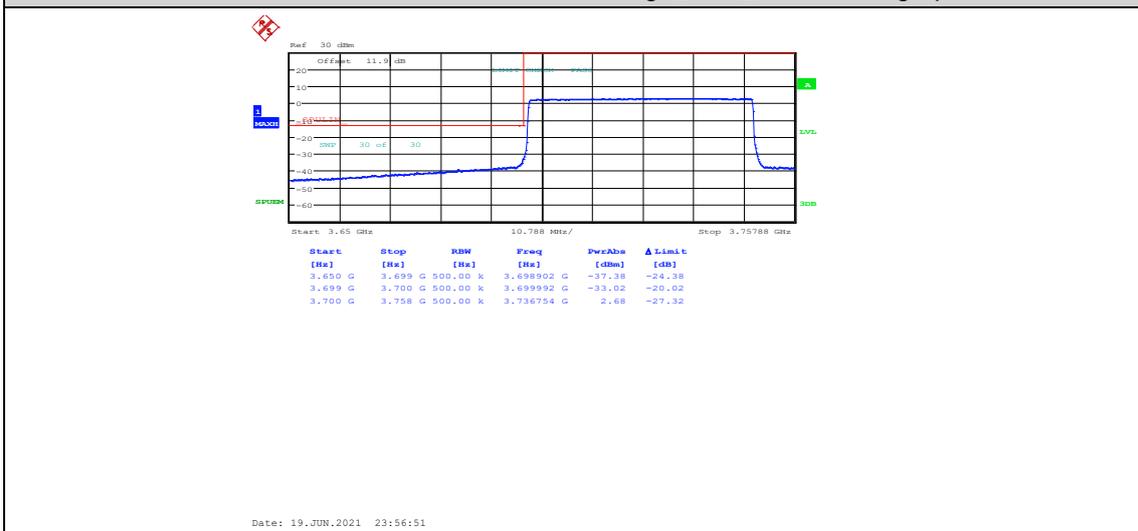
NTNV-N77-30kHz-50MHz-DFT-BPSK-High-Outer_Full-----see graph-PASS



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NTNV-N77-30kHz-50MHz-CP-QPSK-Low-Edge_1RB_Left-----see graph-PASS

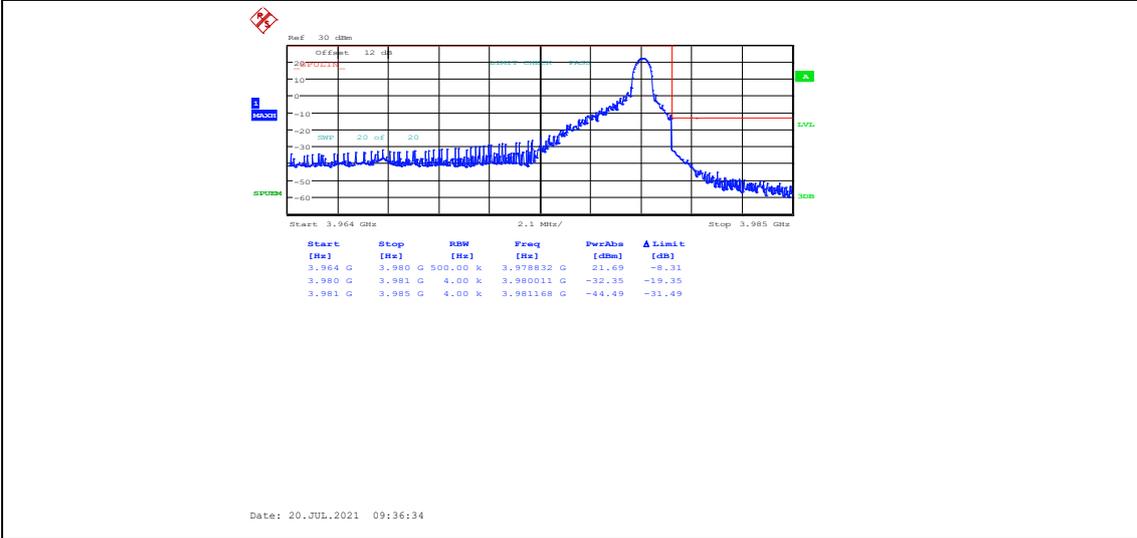


NTNV-N77-30kHz-50MHz-CP-QPSK-Low-Outer_Full-----see graph-PASS

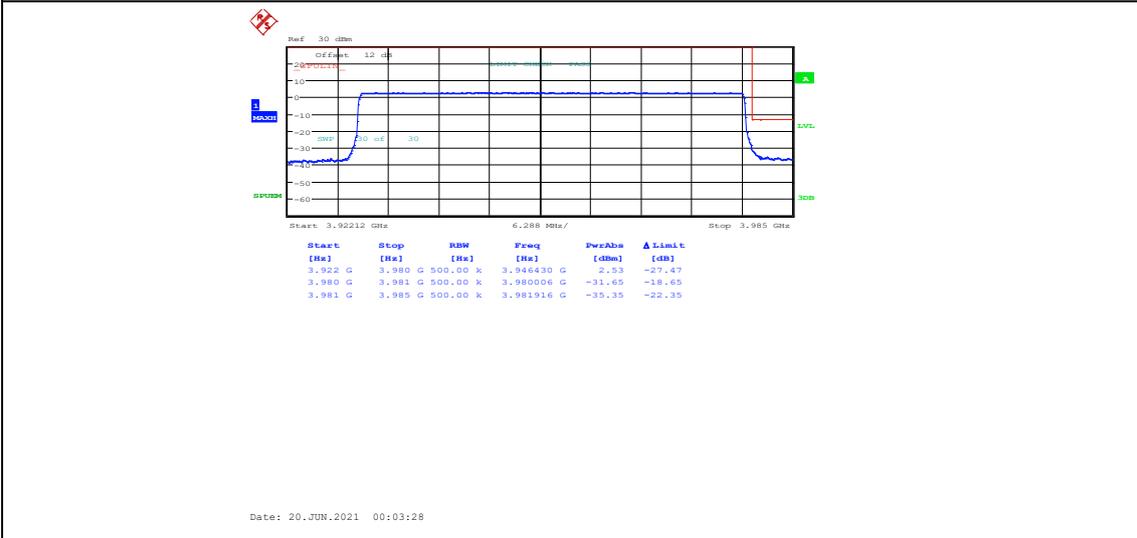


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NTNV-N77-30kHz-50MHz-CP-QPSK-High-Edge_1RB_Right-----see graph-PASS

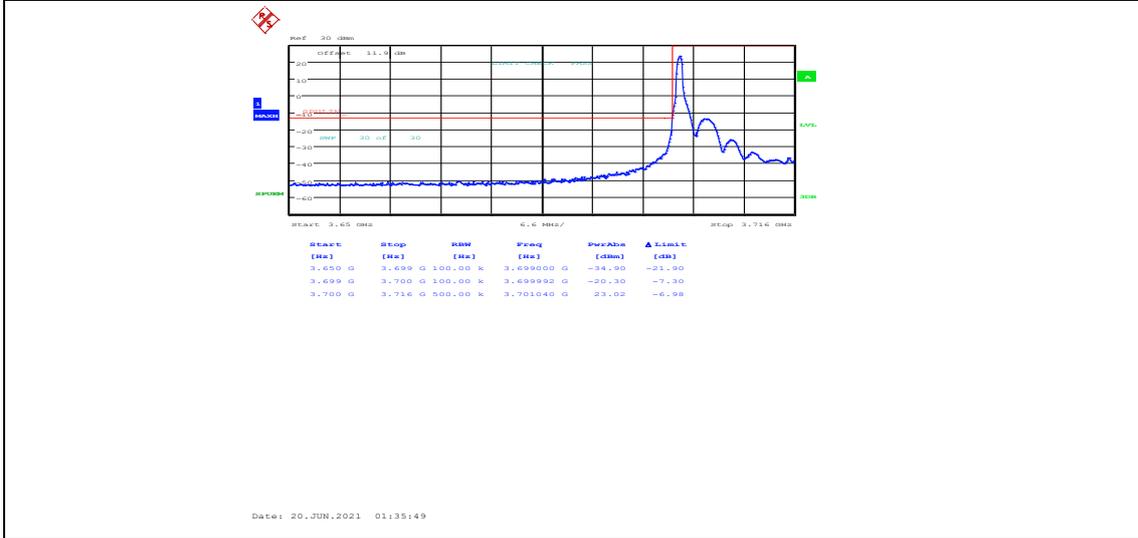


NTNV-N77-30kHz-50MHz-CP-QPSK-High-Outer_Full-----see graph-PASS

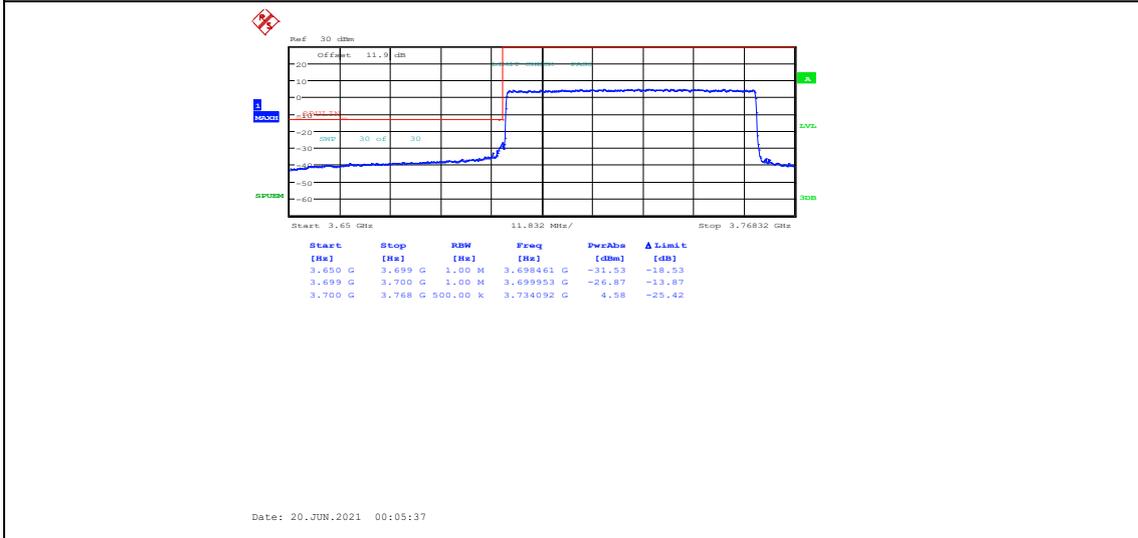


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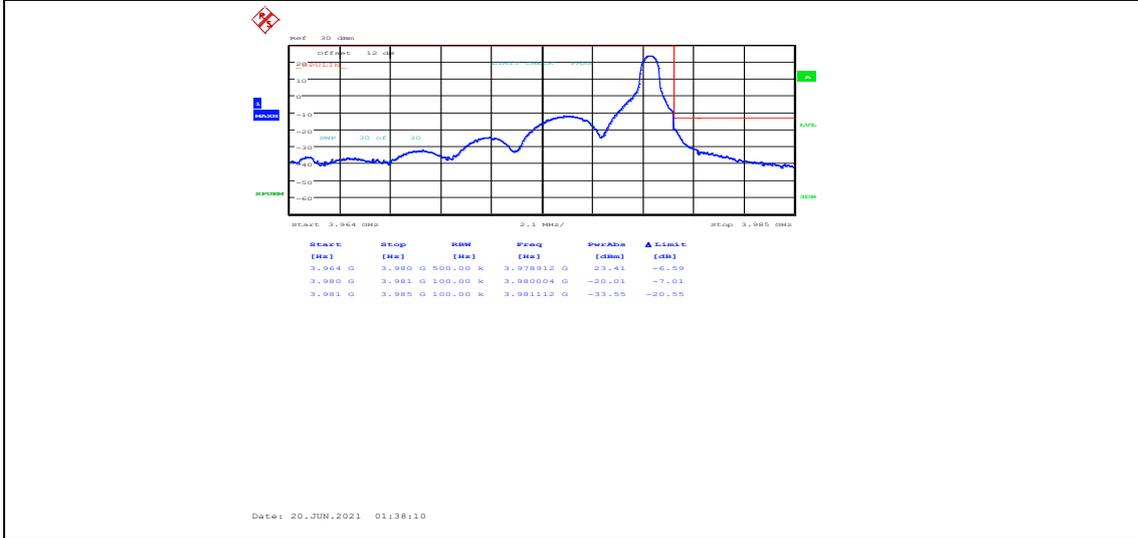


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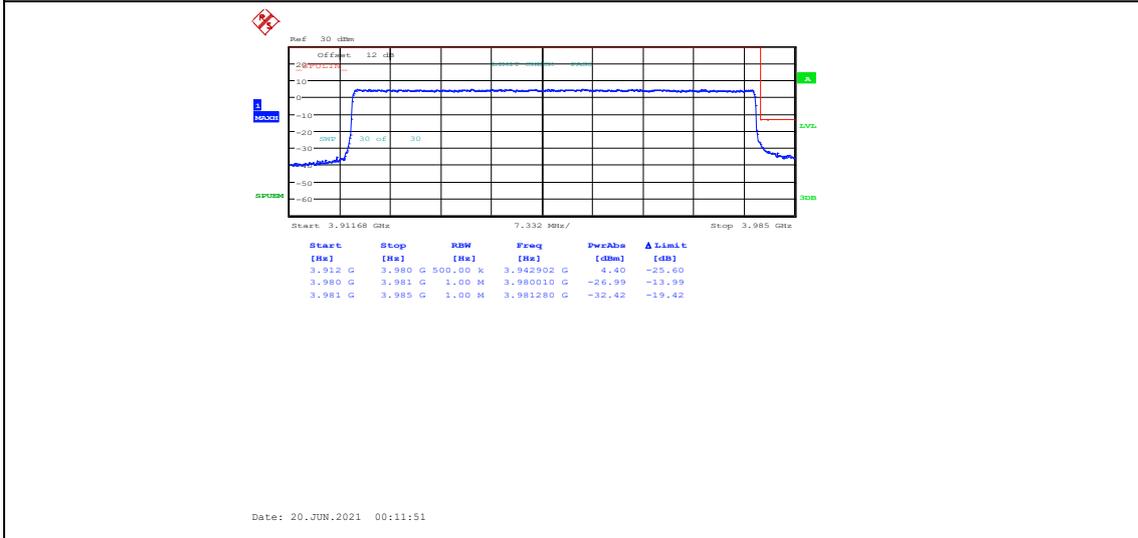


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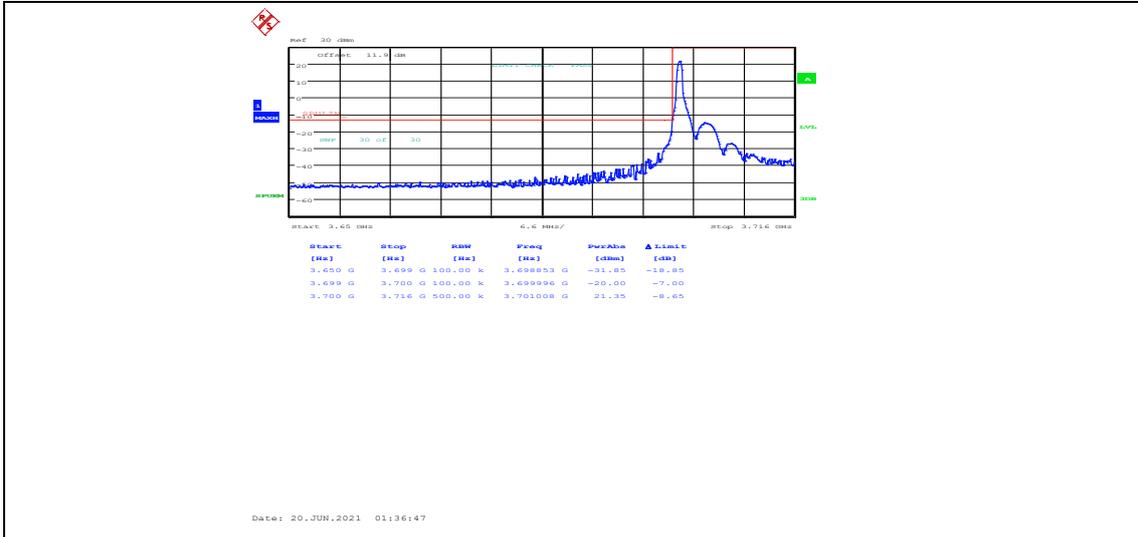


NTNV-N77-30kHz-60MHz-DFT-BPSK-High-Edge_1RB_Right-----see graph-PASS

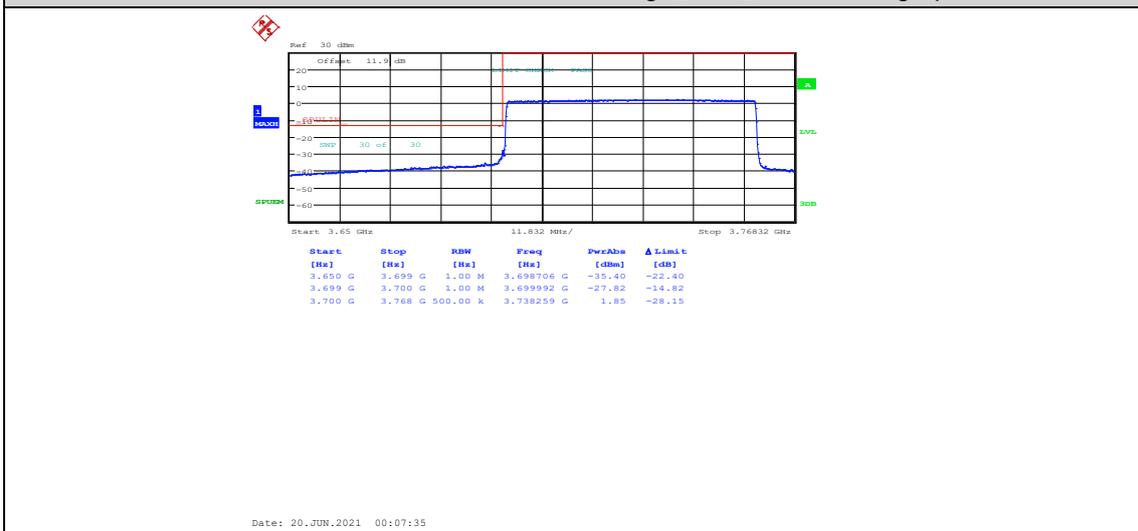


NTNV-N77-30kHz-60MHz-DFT-BPSK-High-Outer_Full-----see graph-PASS





NTNV-N77-30kHz-60MHz-CP-QPSK-Low-Edge_1RB_Left-----see graph-PASS

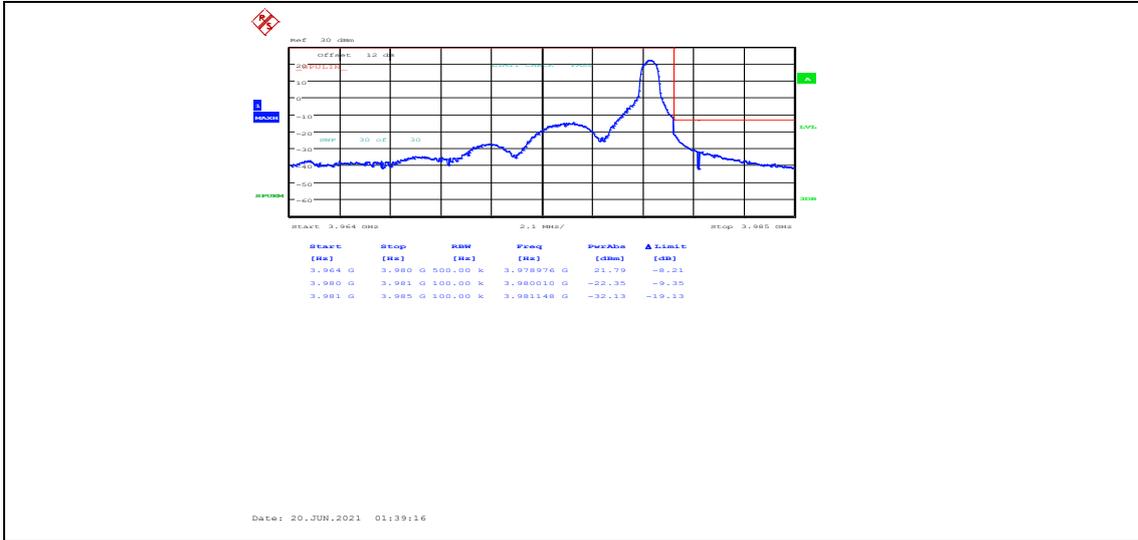


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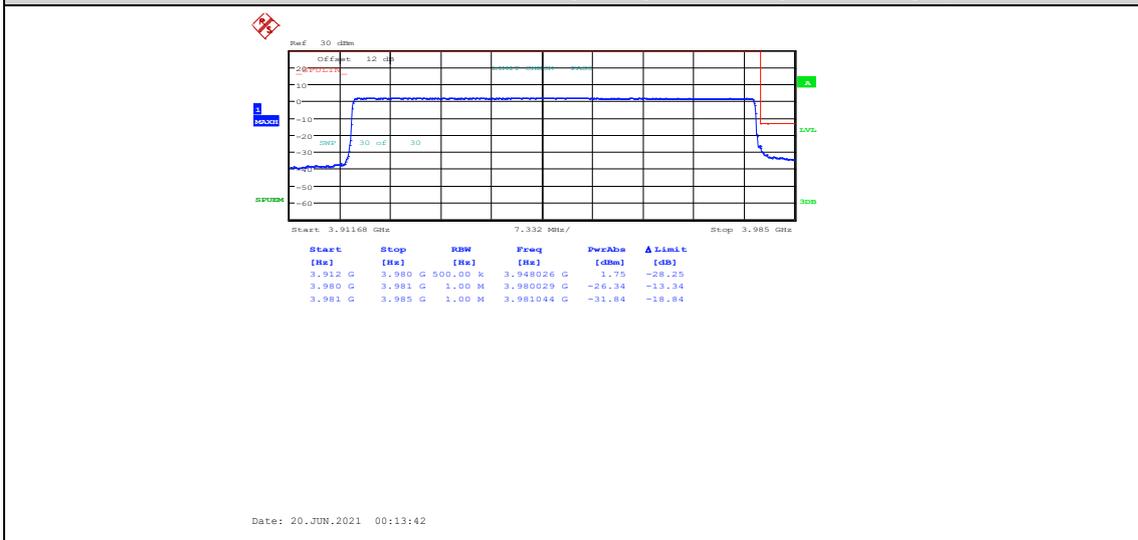


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NTNV-N77-30kHz-60MHz-CP-QPSK-High-Edge_1RB_Right-----see graph-PASS

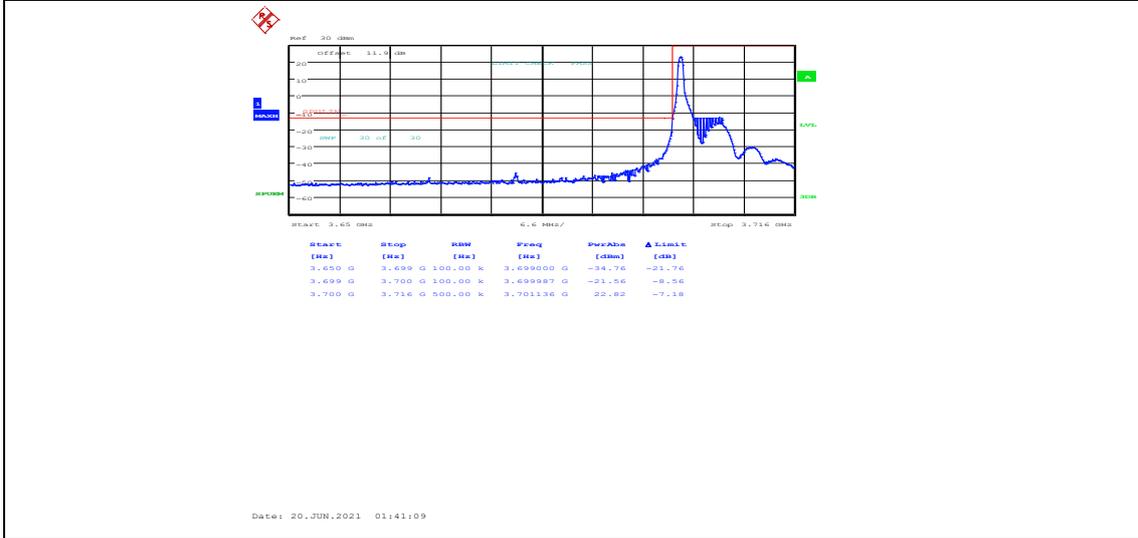


NTNV-N77-30kHz-60MHz-CP-QPSK-High-Outer_Full-----see graph-PASS

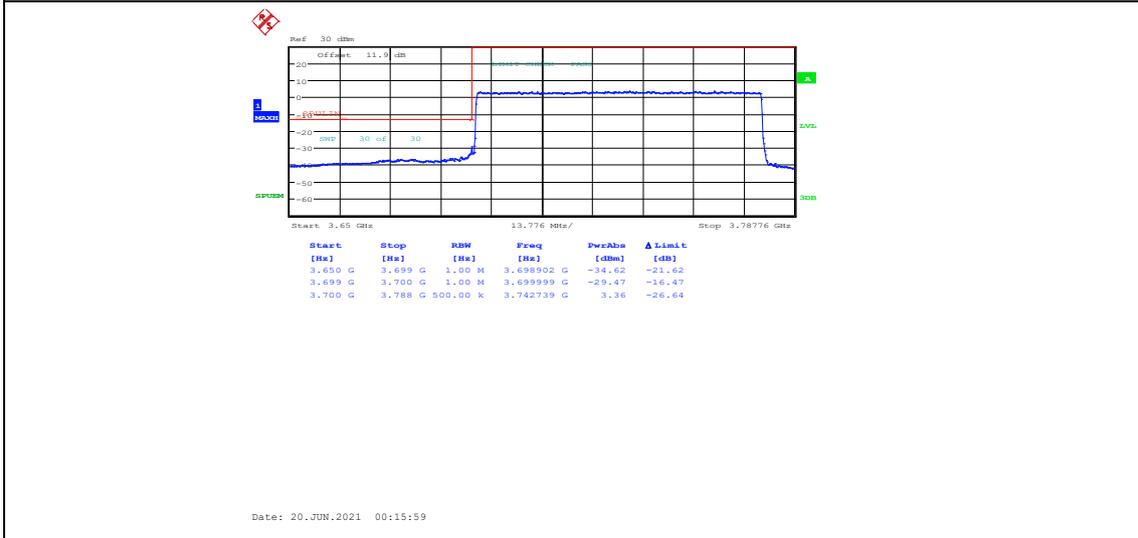


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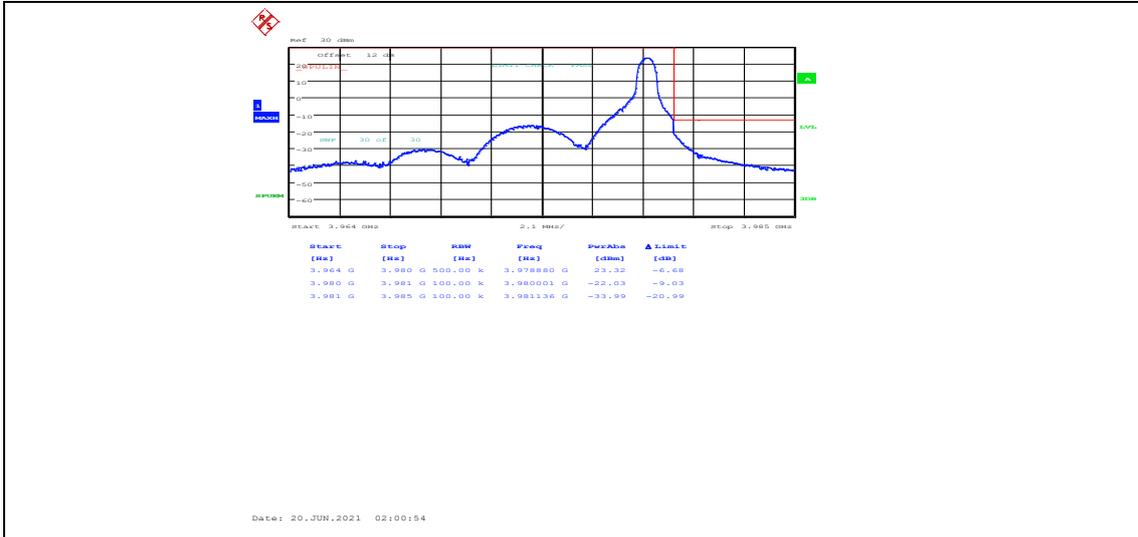


NTNV-N77-30kHz-80MHz-DFT-BPSK-Low-Outer_Full-----see graph-PASS

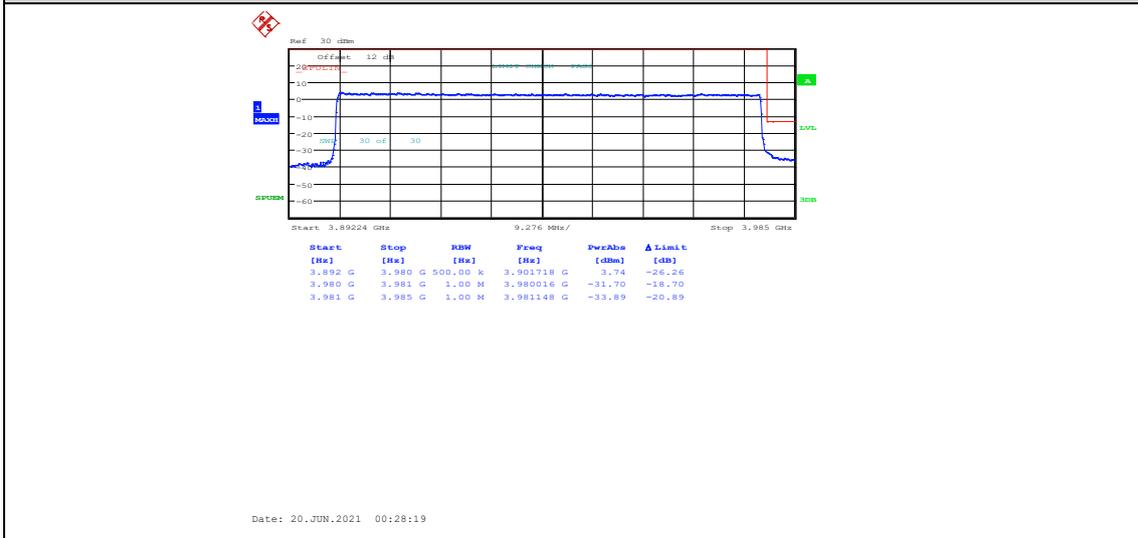


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NTNV-N77-30kHz-80MHz-DFT-BPSK-High-Edge_1RB_Right-----see graph-PASS



NTNV-N77-30kHz-80MHz-DFT-BPSK-High-Outer_Full-----see graph-PASS



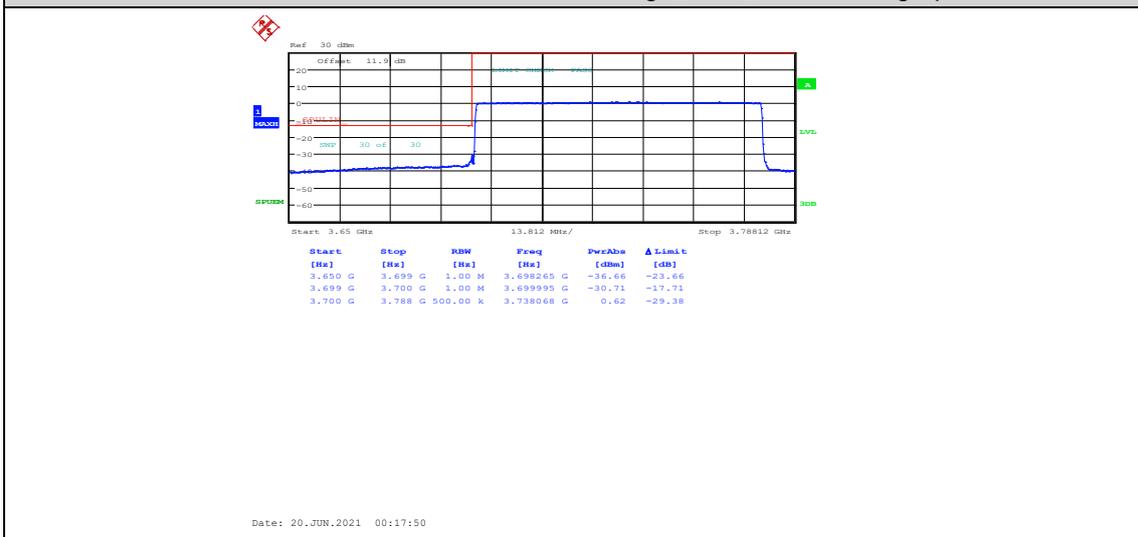
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NTNV-N77-30kHz-80MHz-CP-QPSK-Low-Edge_1RB_Left-----see graph-PASS

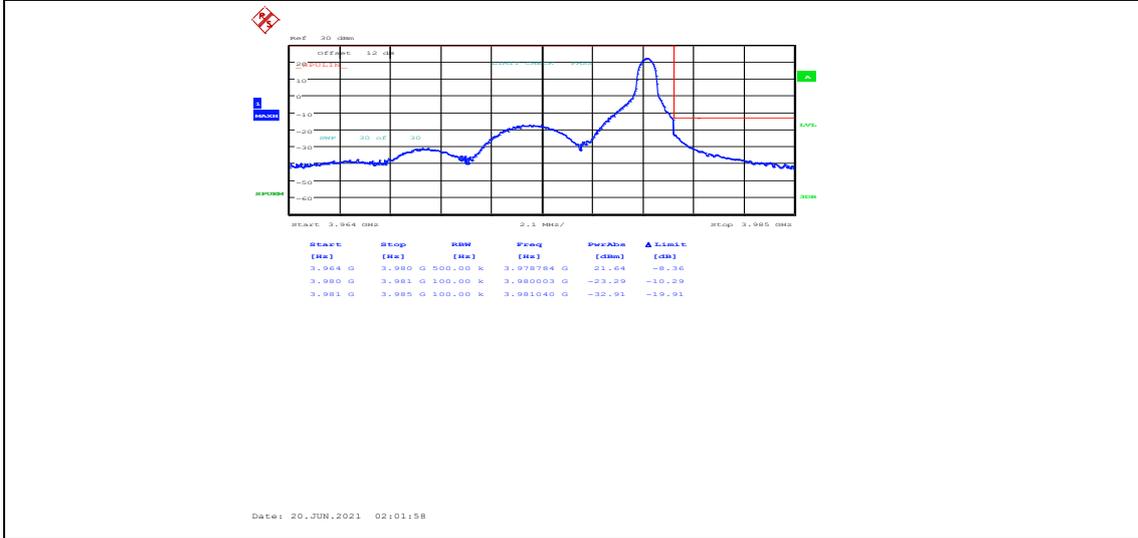


NTNV-N77-30kHz-80MHz-CP-QPSK-Low-Outer_Full-----see graph-PASS

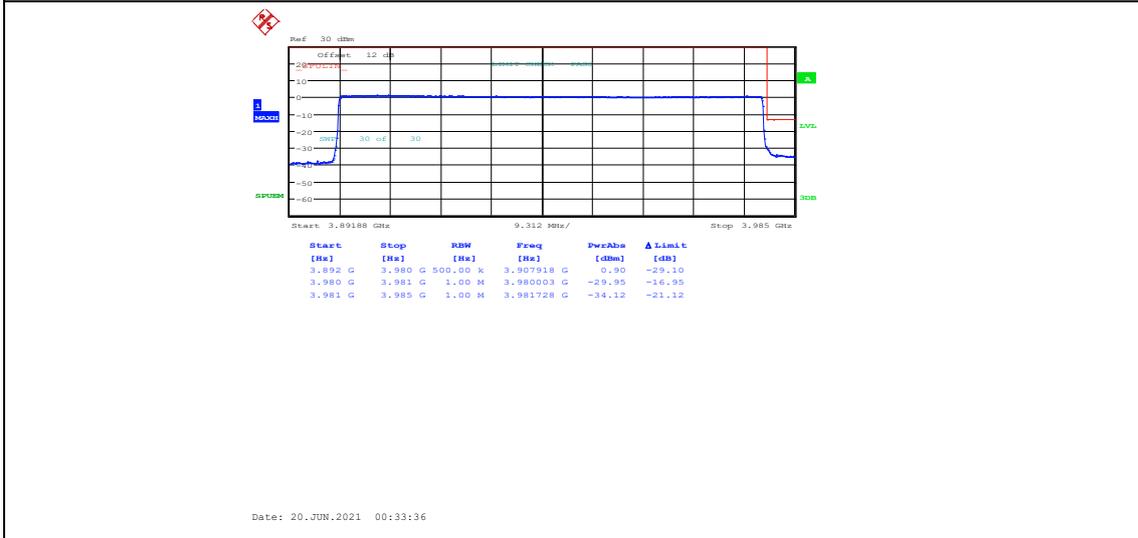


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NTNV-N77-30kHz-80MHz-CP-QPSK-High-Edge_1RB_Right-----see graph-PASS



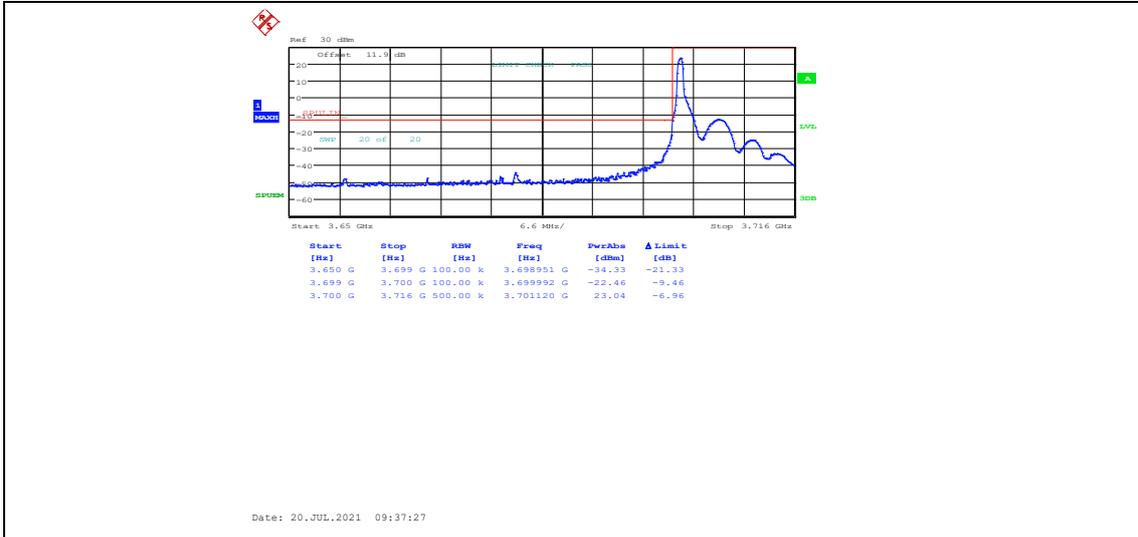
NTNV-N77-30kHz-80MHz-CP-QPSK-High-Outer_Full-----see graph-PASS



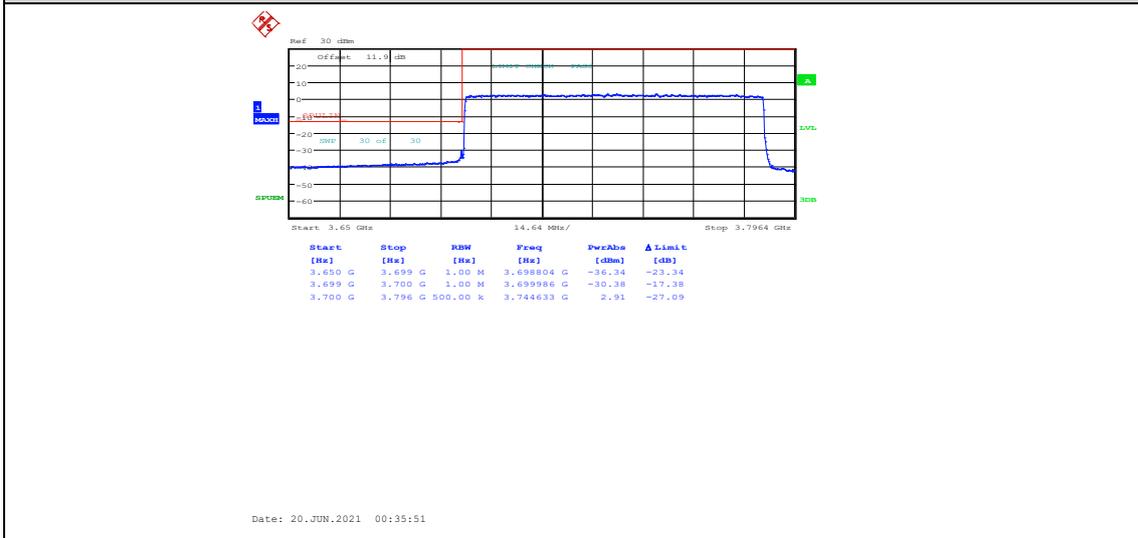
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NTNV-N77-30kHz-90MHz-DFT-BPSK-Low-Edge_1RB_Left-----see graph-PASS

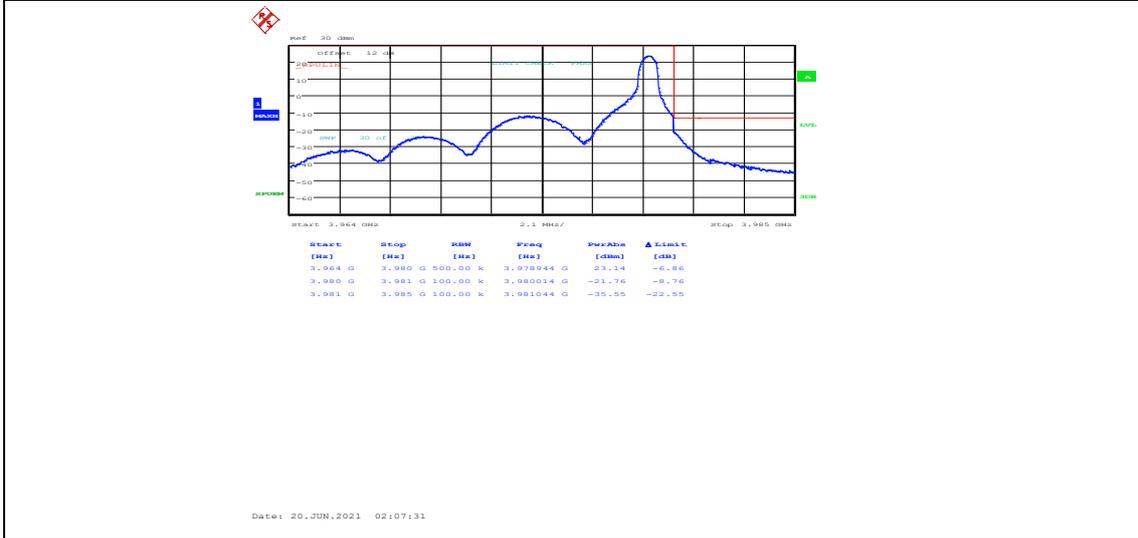


NTNV-N77-30kHz-90MHz-DFT-BPSK-Low-Outer_Full-----see graph-PASS

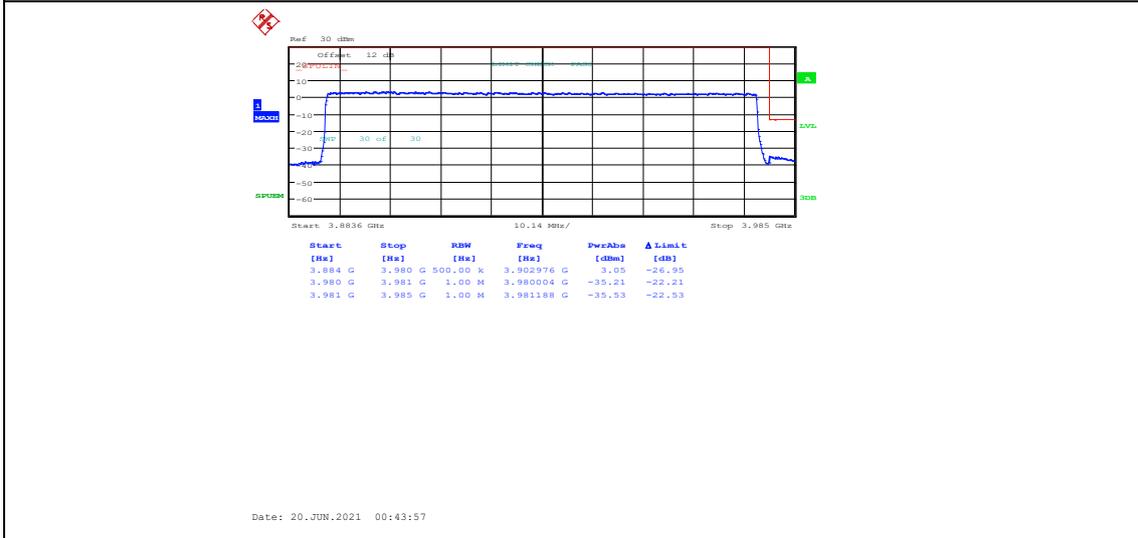


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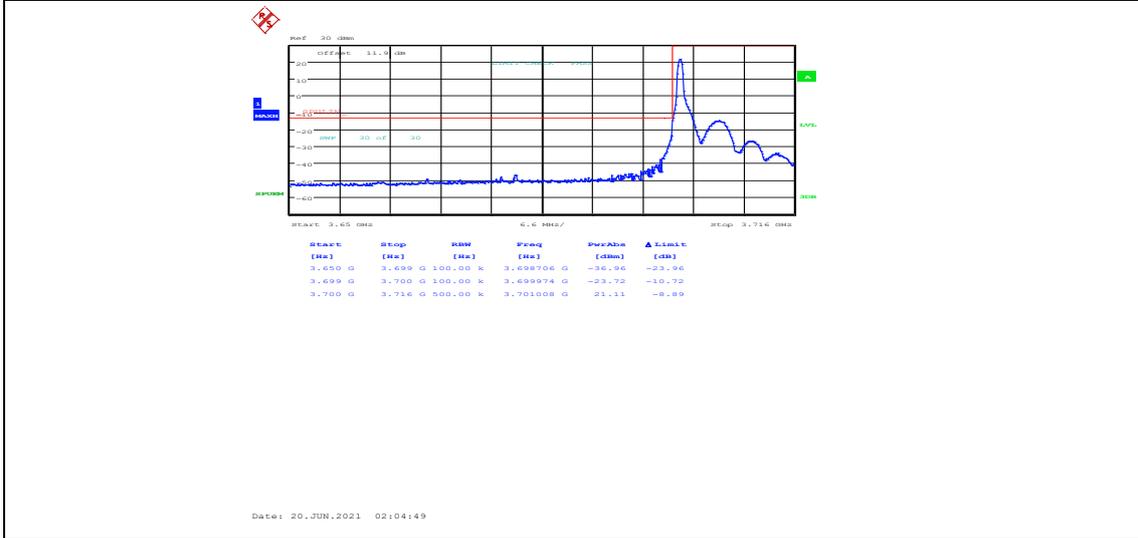


NTNV-N77-30kHz-90MHz-DFT-BPSK-High-Edge_1RB_Right-----see graph-PASS

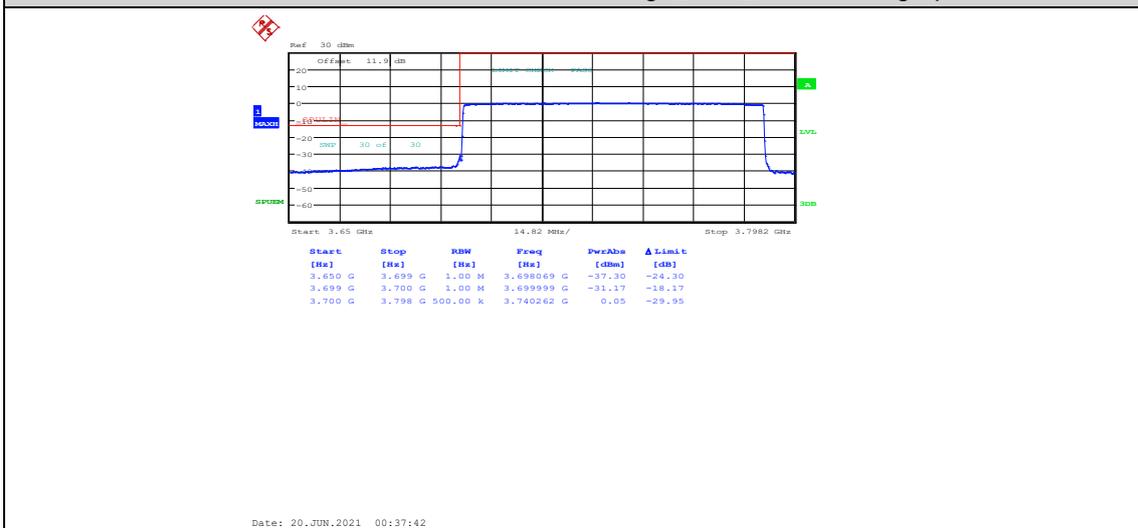


NTNV-N77-30kHz-90MHz-DFT-BPSK-High-Outer_Full-----see graph-PASS





NTNV-N77-30kHz-90MHz-CP-QPSK-Low-Edge_1RB_Left-----see graph-PASS

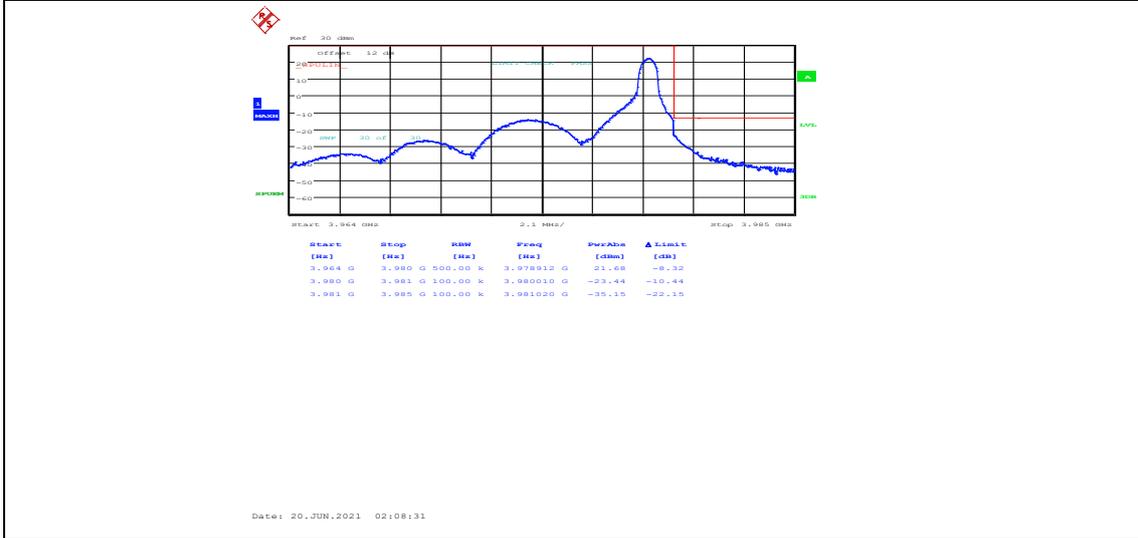


NTNV-N77-30kHz-90MHz-CP-QPSK-Low-Outer_Full-----see graph-PASS

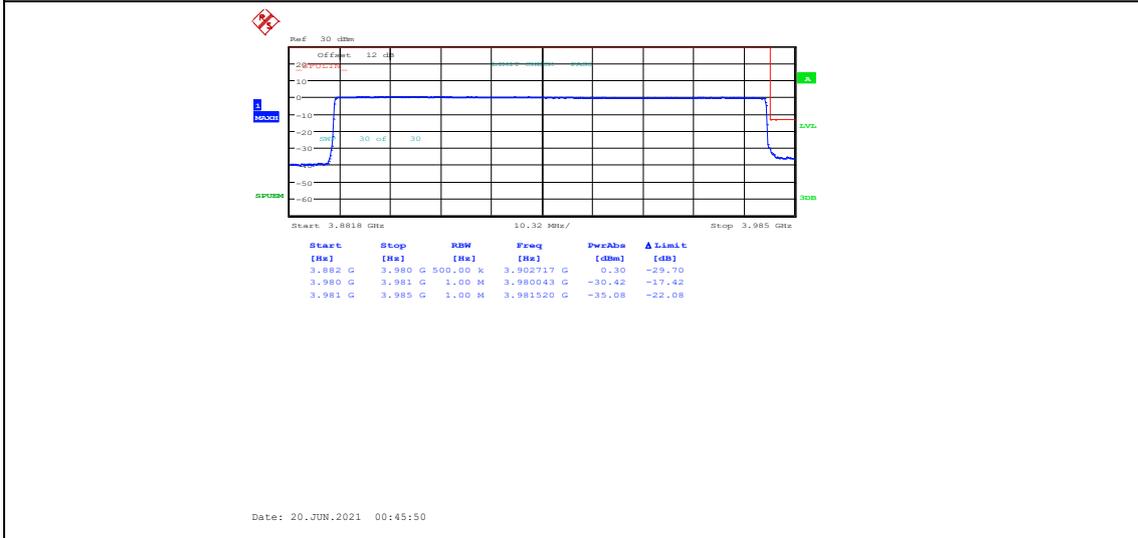


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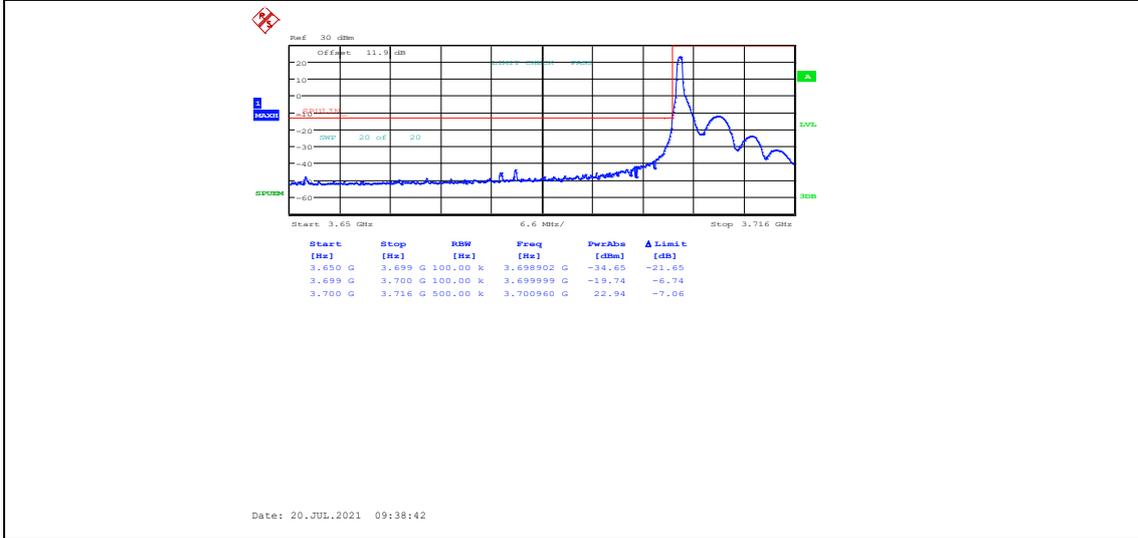


NTNV-N77-30kHz-90MHz-CP-QPSK-High-Edge_1RB_Right-----see graph-PASS

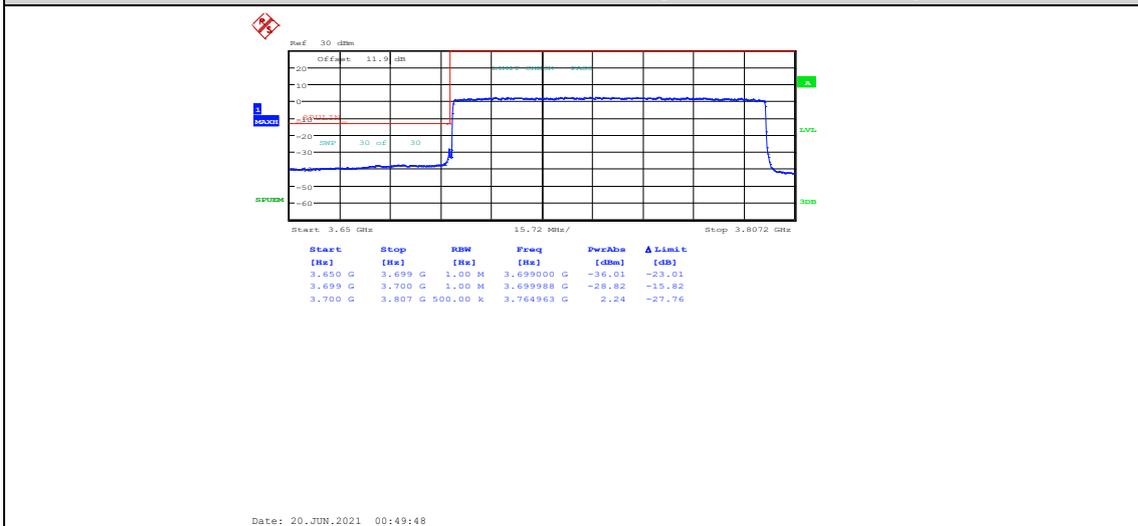


NTNV-N77-30kHz-90MHz-CP-QPSK-High-Outer_Full-----see graph-PASS





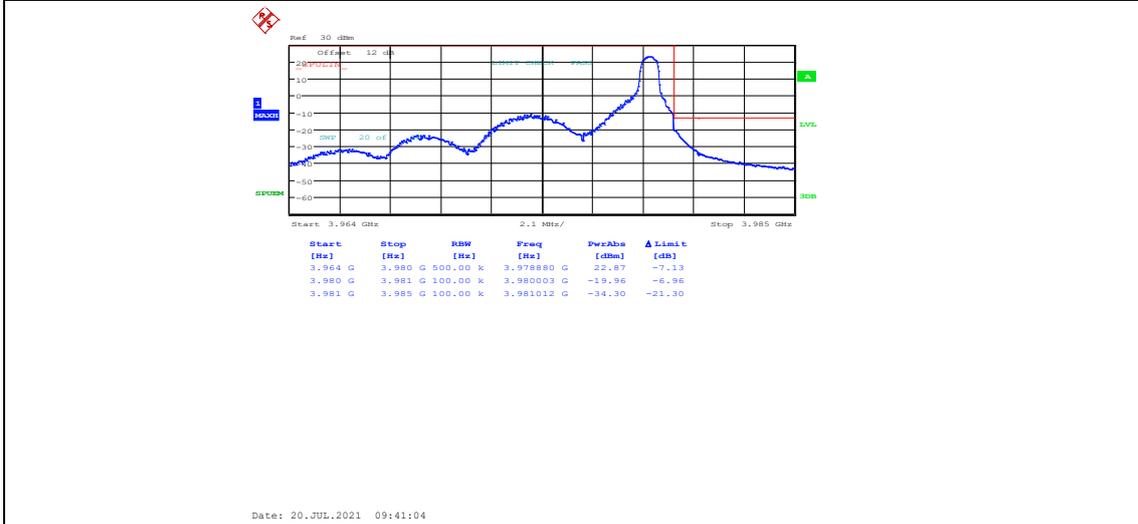
NTNV-N77-30kHz-100MHz-DFT-BPSK-Low-Edge_1RB_Left----see graph-PASS



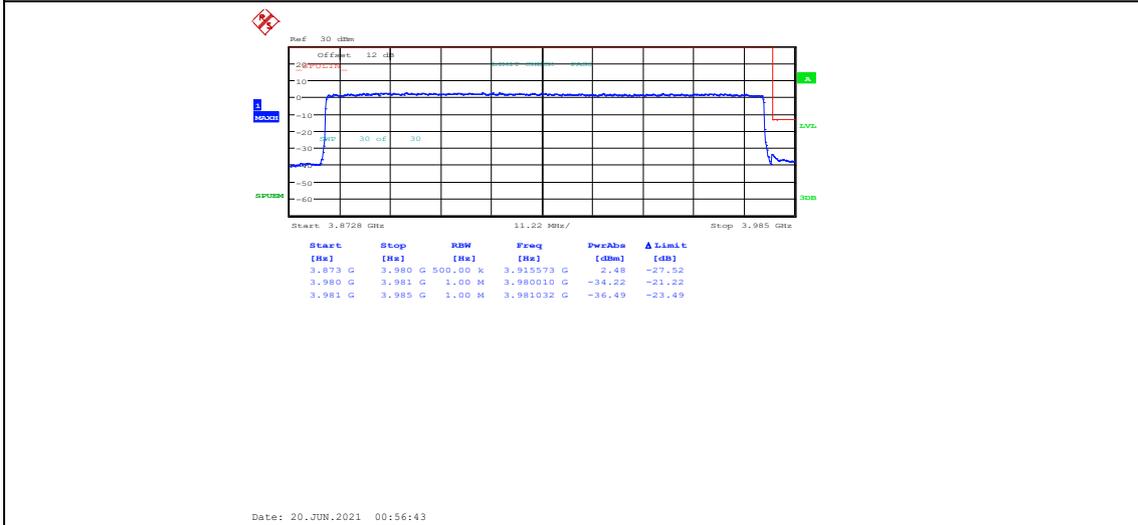
NTNV-N77-30kHz-100MHz-DFT-BPSK-Low-Outer_Full----see graph-PASS



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NTNV-N77-30kHz-100MHz-DFT-BPSK-High-Edge_1RB_Right-----see graph-PASS

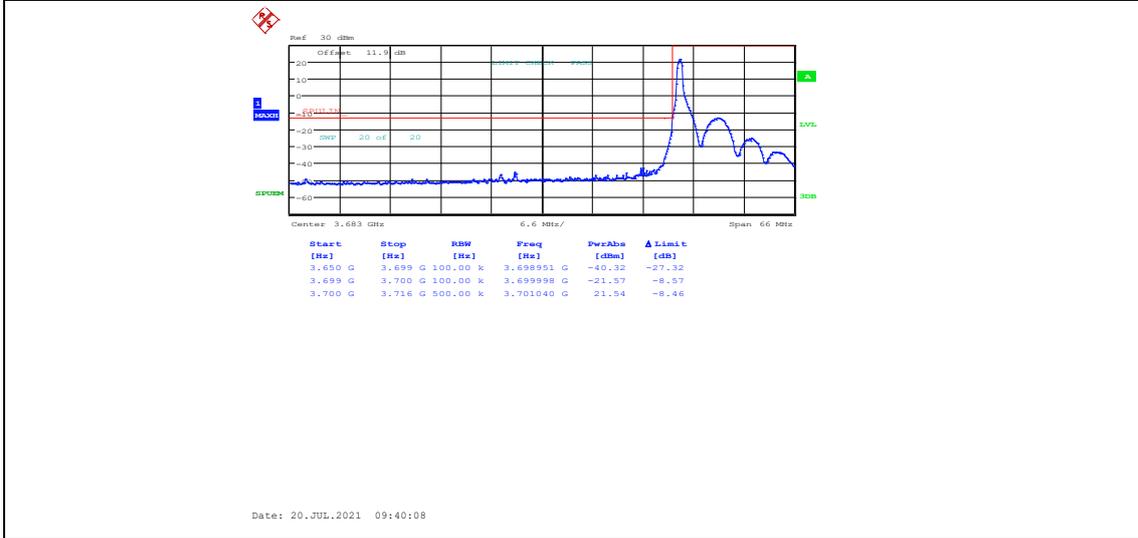


NTNV-N77-30kHz-100MHz-DFT-BPSK-High-Outer_Full-----see graph-PASS

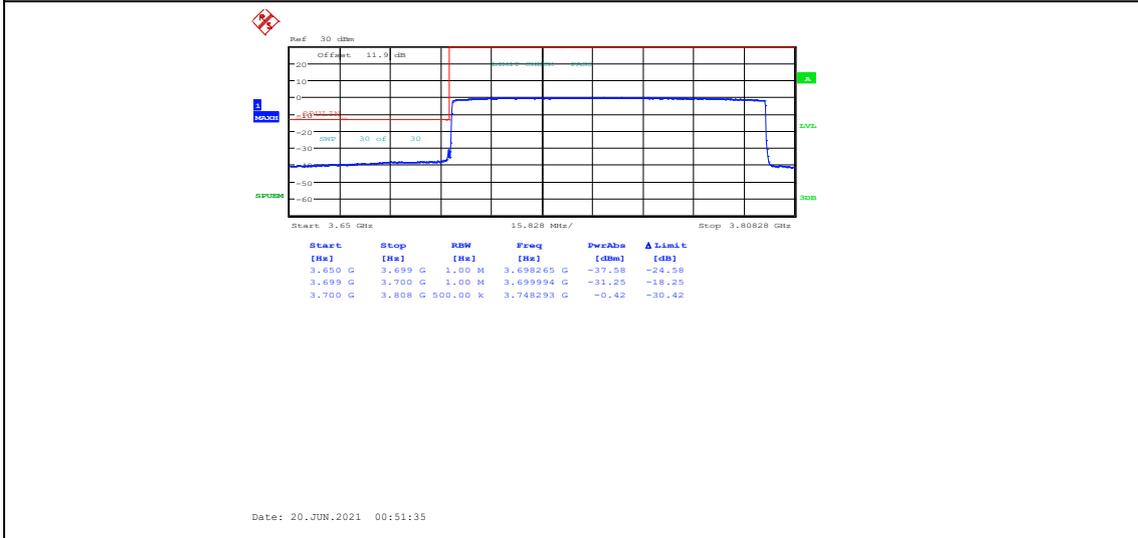


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NTNV-N77-30kHz-100MHz-CP-QPSK-Low-Edge_1RB_Left-----see graph-PASS

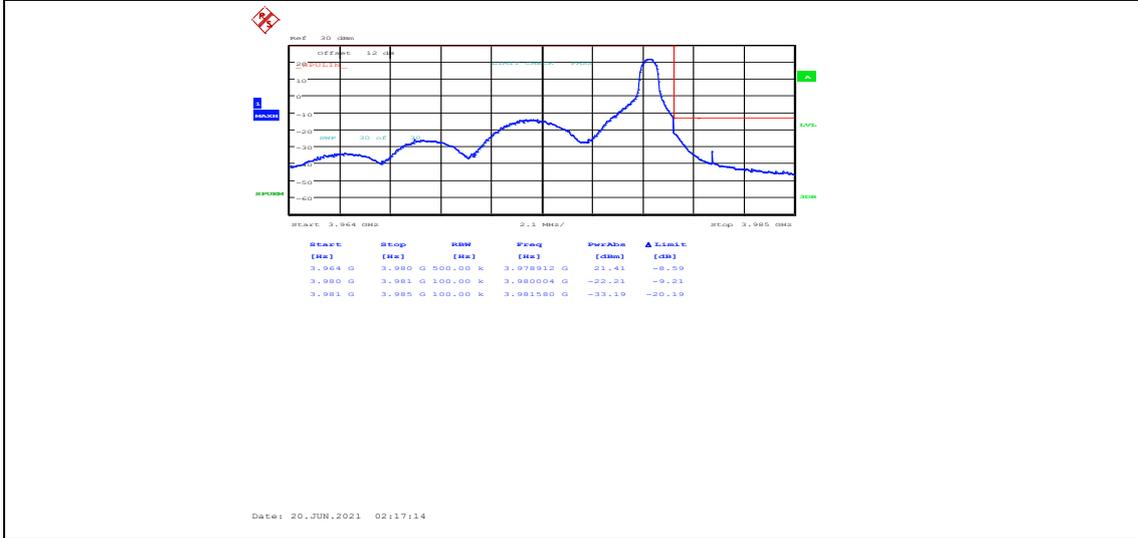


NTNV-N77-30kHz-100MHz-CP-QPSK-Low-Outer_Full-----see graph-PASS

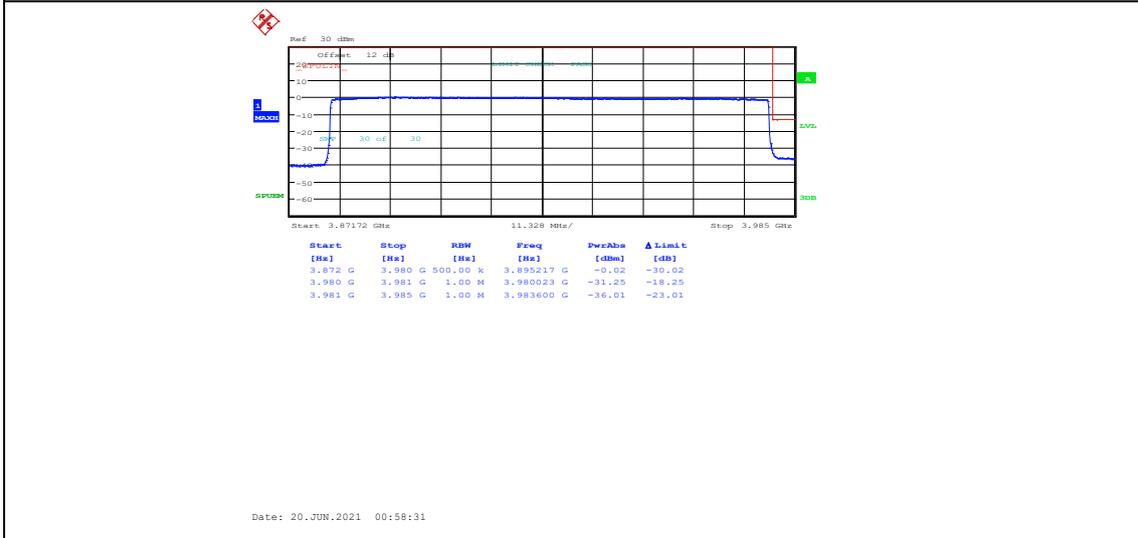


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NTNV-N77-30kHz-100MHz-CP-QPSK-High-Edge_1RB_Right-----see graph-PASS



NTNV-N77-30kHz-100MHz-CP-QPSK-High-Outer_Full-----see graph-PASS

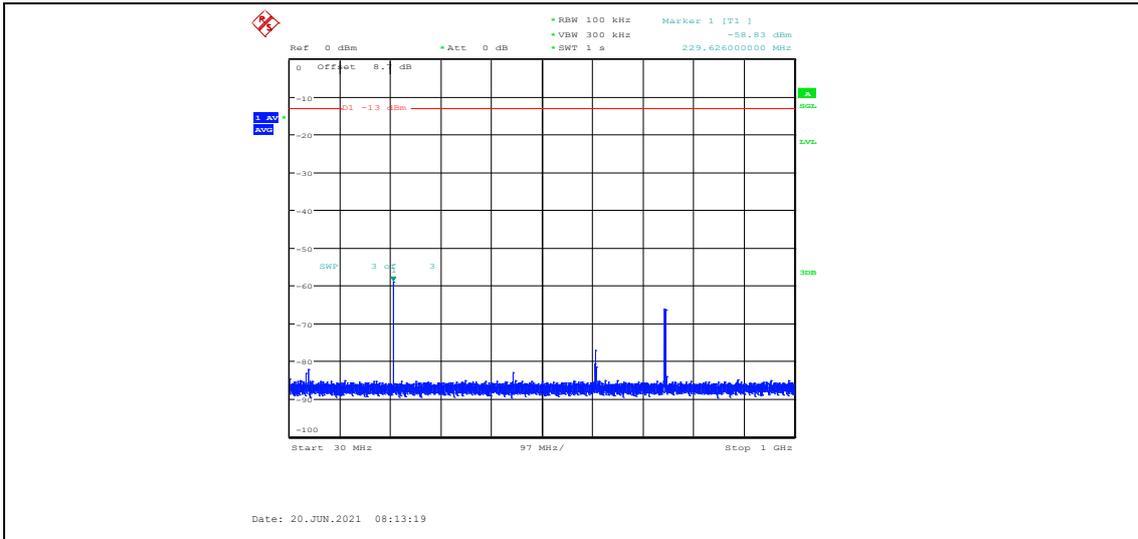
Remark:

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

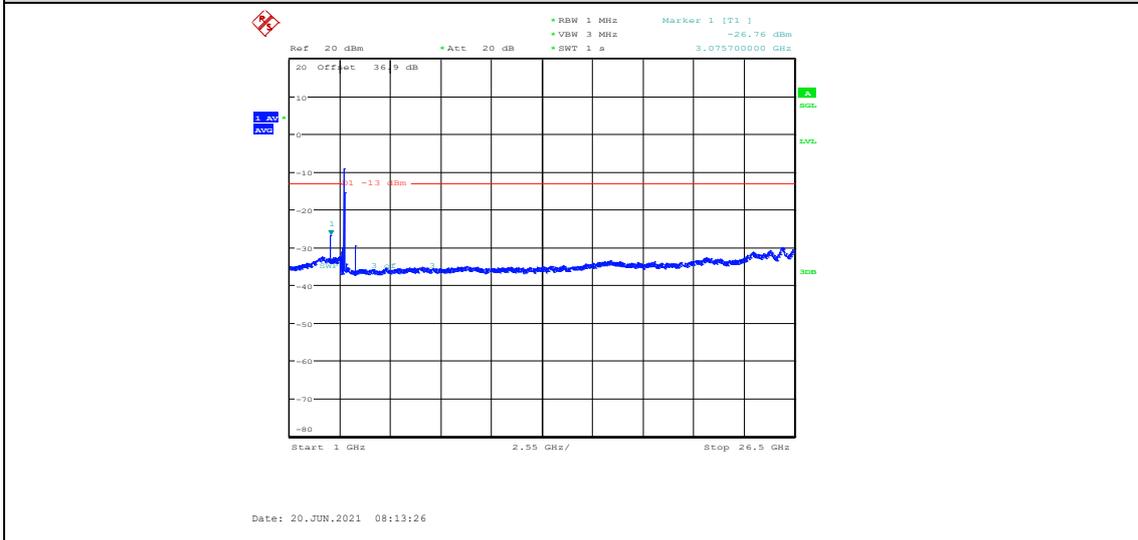


Conducted Spurious Emission for SA

Test Graphs

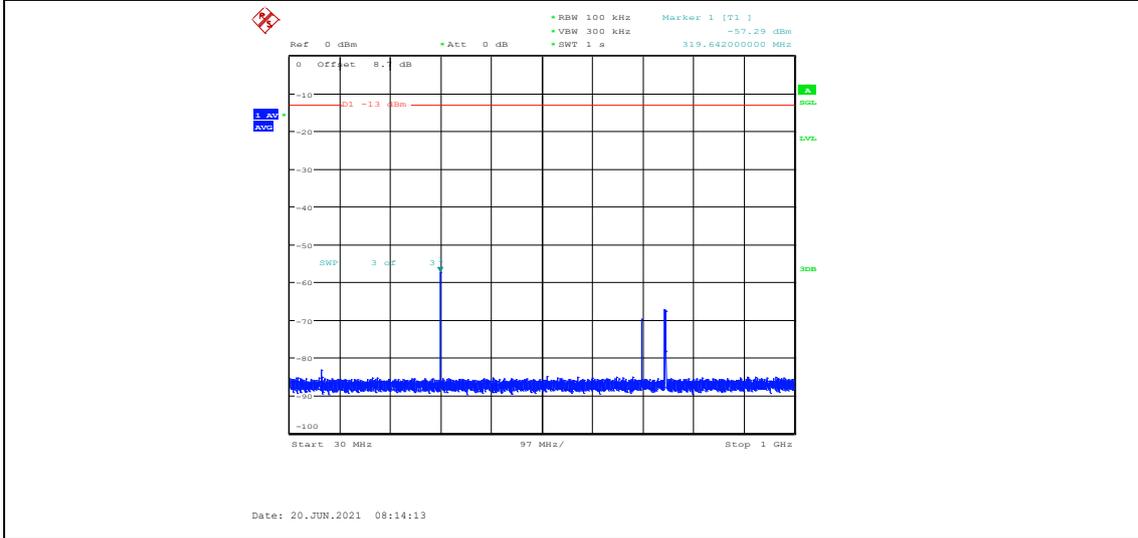


NTNV-N77-30kHz-100MHz-DFT-PI2BPSK-Low-Edge_1RB_Left-----30-100013-PASS

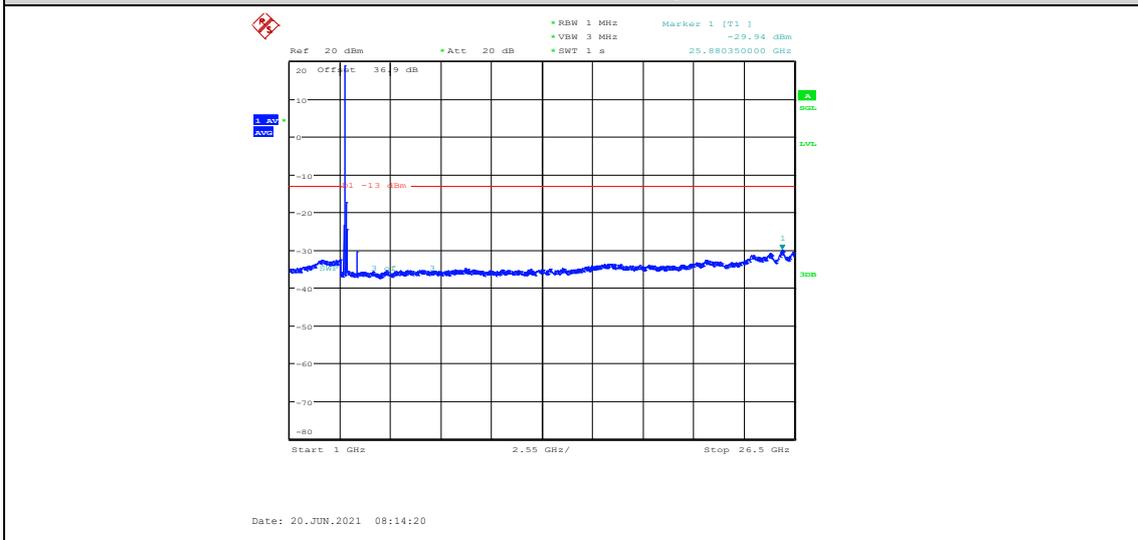


NTNV-N77-30kHz-100MHz-DFT-PI2BPSK-Low-Edge_1RB_Left-----1000-2650013-PASS





NTNV-N77-30kHz-100MHz-DFT-PI2BPSK-Mid-Edge_1RB_Left-----30-100013-PASS

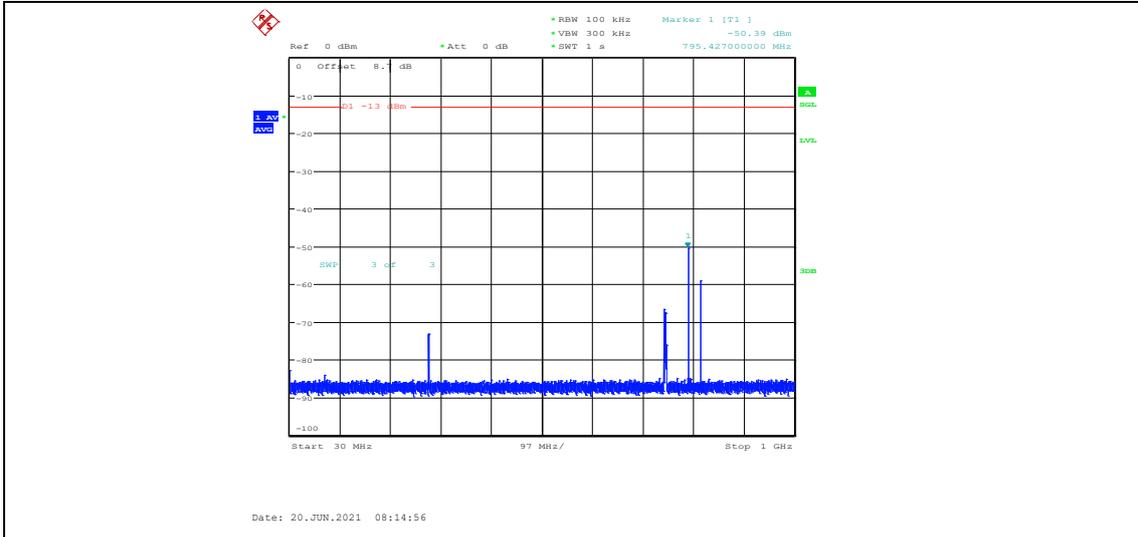


NTNV-N77-30kHz-100MHz-DFT-PI2BPSK-Mid-Edge_1RB_Left-----1000-2650013-PASS

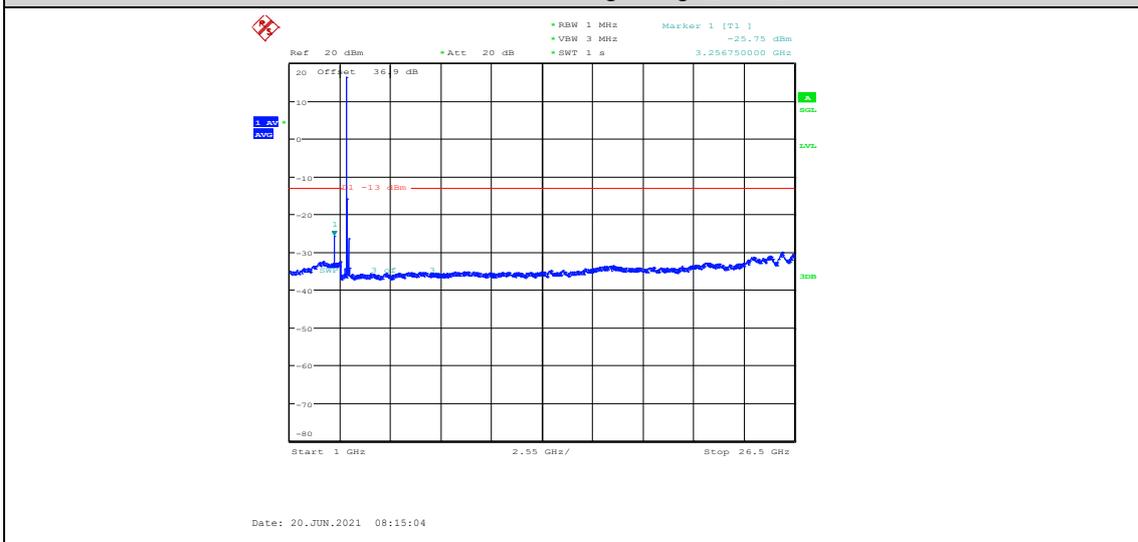


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NTNV-N77-30kHz-100MHz-DFT-PI2BPSK-High-Edge_1RB_Left-----1000-2650013-PASS

Remark:

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



Field Strength of Spurious Radiation

Test Band = _77_TM1 ANT13

Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1083.2542	21.89	-48.31	-25.00	23.31	Horizontal
2	2299.8150	21.56	-46.09	-25.00	21.09	Horizontal
3	5486.7243	20.96	-36.73	-25.00	11.73	Horizontal
4	6362.3681	50.03	-54.35	-25.00	29.35	Horizontal
5	11065.8033	45.85	-50.15	-25.00	25.15	Horizontal
6	17339.967	46.89	-47.30	-25.00	22.30	Horizontal

Test Band = _77_TM1 ANT13

Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1108.5054	21.66	-48.73	-25.00	23.73	Vertical
2	2496.8248	21.76	-44.85	-25.00	19.85	Vertical
3	5536.7268	20.16	-36.67	-25.00	11.67	Vertical
4	9307.9154	47.00	-51.94	-25.00	26.94	Vertical
5	12943.047	45.33	-47.65	-25.00	22.65	Vertical
6	17330.616	47.15	-47.21	-25.00	22.21	Vertical



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**Test Band = _77_TM1 ANT13
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1099.2550	21.64	-48.84	-25.00	23.84	Horizontal
2	3129.8565	21.96	-42.06	-25.00	17.06	Horizontal
3	5569.7285	21.23	-35.64	-25.00	10.64	Horizontal
4	6989.8495	50.42	-53.00	-25.00	28.00	Horizontal
5	11909.5455	47.64	-46.83	-25.00	21.83	Horizontal
6	15938.496	46.97	-47.28	-25.00	22.28	Horizontal

**Test Band = _77_TM1 ANT13
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1074.5037	21.85	-48.65	-25.00	23.65	Vertical
2	2733.0867	21.88	-43.82	-25.00	18.82	Vertical
3	5759.9880	22.10	-34.69	-25.00	9.69	Vertical
4	9051.6026	48.82	-49.85	-25.00	24.85	Vertical
5	14033.201	46.35	-46.19	-25.00	21.19	Vertical
6	17941.697	49.37	-44.48	-25.00	19.48	Vertical



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**Test Band = _N77 _TM1 ANT0
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1087.3044	22.33	-47.99	-25.00	22.99	Horizontal
2	2408.4704	22.23	-44.72	-25.00	19.72	Horizontal
3	5672.3836	50.08	-57.05	-25.00	32.05	Horizontal
4	11892.4446	47.31	-46.97	-25.00	21.97	Horizontal
5	16405.420	48.67	-45.17	-25.00	20.17	Horizontal
6	17931.746	48.92	-43.97	-25.00	18.97	Horizontal

**Test Band = _77 _TM1 ANT13
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1083.5042	21.39	-48.81	-25.00	23.81	Vertical
2	2424.5712	22.00	-44.99	-25.00	19.99	Vertical
3	5576.7288	21.37	-35.25	-25.00	10.25	Vertical
4	6966.2483	49.66	-53.55	-25.00	28.55	Vertical
5	11245.1123	46.62	-49.50	-25.00	24.50	Vertical
6	17427.421	47.06	-46.91	-25.00	21.91	Vertical



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**Test Band = _77_TM1 ANT6
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1150.5075	21.33	-48.87	-25.00	23.87	Horizontal
2	2314.8157	21.55	-45.98	-25.00	20.98	Horizontal
3	4862.4431	20.94	-38.16	-25.00	13.16	Horizontal
4	9042.8021	47.06	-51.71	-25.00	26.71	Horizontal
5	13015.100	45.17	-47.61	-25.00	22.61	Horizontal
6	16392.269	46.98	-47.77	-25.00	22.77	Horizontal

**Test Band = _77_TM1 ANT6
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1883.5442	21.62	-47.80	-13.00	34.80	Vertical
2	4530.9265	20.32	-40.07	-13.00	27.07	Vertical
3	5810.7405	21.22	-35.52	-13.00	22.52	Vertical
4	9025.2013	47.37	-51.71	-13.00	38.71	Vertical
5	11231.9116	46.72	-49.29	-13.00	36.29	Vertical
6	17427.421	47.06	-46.91	-13.00	33.91	Vertical



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**Test Band = _77_TM1 ANT6
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1151.2576	21.83	-48.39	-25.00	23.39	Horizontal
2	2787.5894	22.01	-43.83	-25.00	18.83	Horizontal
3	5648.9824	21.31	-34.89	-25.00	9.89	Horizontal
4	7785.9893	48.78	-53.23	-25.00	28.23	Horizontal
5	12963.948	46.20	-46.64	-25.00	21.64	Horizontal
6	17953.247	49.33	-44.67	-25.00	19.67	Horizontal

**Test Band = _77_TM1 ANT6
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1092.2546	21.76	-48.66	-25.00	23.66	Vertical
2	2991.0996	22.22	-42.52	-25.00	17.52	Vertical
3	5351.2176	20.95	-36.68	-25.00	11.68	Vertical
4	8384.9692	49.38	-51.61	-25.00	26.61	Vertical
5	14252.662	46.46	-45.99	-25.00	20.99	Vertical
6	17941.697	49.37	-44.48	-25.00	19.48	Vertical



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**Test Band = _N77_TM1 ANT6
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1149.8075	21.90	-48.29	-25.00	23.29	Horizontal
2	1976.1488	22.09	-46.62	-25.00	21.62	Horizontal
3	5808.1404	50.67	-56.69	-25.00	31.69	Horizontal
4	10009.100	48.07	-50.11	-25.00	25.11	Horizontal
5	14695.334	46.43	-46.23	-25.00	21.23	Horizontal
6	17912.245	48.84	-44.12	-25.00	19.12	Horizontal

**Test Band = _N77_TM1 ANT6
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1151.7076	22.27	-47.96	-25.00	22.96	Horizontal
2	2149.4575	22.51	-45.74	-25.00	20.74	Horizontal
3	4849.5925	51.54	-58.90	-25.00	33.90	Horizontal
4	8398.7699	49.26	-51.74	-25.00	26.74	Horizontal
5	14035.301	46.88	-45.29	-25.00	20.29	Horizontal
6	16679.184	48.49	-46.07	-25.00	21.07	Horizontal



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**Test Band = _77_TM1 ANT11
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1083.2542	21.89	-48.31	-25.00	23.31	Horizontal
2	2054.3027	21.67	-46.88	-25.00	21.88	Horizontal
3	4862.4431	20.94	-38.16	-25.00	13.16	Horizontal
4	7474.6737	48.41	-54.19	-25.00	29.19	Horizontal
5	10636.781	46.48	-50.61	-25.00	25.61	Horizontal
6	14995.749	43.96	-48.19	-25.00	23.19	Horizontal

**Test Band = _77_TM1 ANT11
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1152.0076	21.53	-48.71	-25.00	23.71	Vertical
2	2424.5712	22.00	-44.99	-25.00	19.99	Vertical
3	5090.7045	20.57	-37.84	-25.00	12.84	Vertical
4	9025.2013	47.37	-51.71	-25.00	26.71	Vertical
5	14462.223	45.35	-47.83	-25.00	22.83	Vertical
6	17994.499	47.55	-46.73	-25.00	21.73	Vertical



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**Test Band = _77_TM1 ANT11
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1044.5022	21.84	-49.02	-25.00	24.02	Horizontal
2	2385.5693	22.14	-45.09	-25.00	20.09	Horizontal
3	5023.2012	22.14	-36.57	-25.00	11.57	Horizontal
4	8390.4695	49.75	-51.25	-25.00	26.25	Horizontal
5	14129.456	46.13	-46.06	-25.00	21.06	Horizontal
6	17953.247	49.33	-44.67	-25.00	19.67	Horizontal

**Test Band = _77_TM1 ANT11
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1262.0131	21.63	-48.76	-25.00	23.76	Vertical
2	2510.0755	22.51	-44.11	-25.00	19.11	Vertical
3	4902.9451	21.71	-37.20	-25.00	12.20	Vertical
4	7881.1441	49.17	-52.74	-25.00	27.74	Vertical
5	11934.2967	47.35	-47.49	-25.00	22.49	Vertical
6	17266.263	49.51	-45.35	-25.00	20.35	Vertical



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Test Band = _N77_TM1 ANT11

Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1183.8092	22.49	-48.07	-25.00	23.07	Horizontal
2	2484.5742	22.29	-44.48	-25.00	19.48	Horizontal
3	6299.4150	50.59	-55.45	-25.00	30.45	Horizontal
4	11259.4130	47.80	-48.07	-25.00	23.07	Horizontal
5	16405.420	48.67	-45.17	-25.00	20.17	Horizontal
6	17931.746	48.92	-43.97	-25.00	18.97	Horizontal

Test Band = _N77_TM1 ANT11

Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1100.8050	21.83	-48.65	-25.00	23.65	Horizontal
2	2233.2617	22.13	-45.51	-25.00	20.51	Horizontal
3	5211.1106	50.65	-58.27	-25.00	33.27	Horizontal
4	8208.2604	49.55	-52.01	-25.00	27.01	Horizontal
5	11240.6620	47.87	-47.94	-25.00	22.94	Horizontal
6	15999.650	46.84	-47.12	-25.00	22.12	Horizontal



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**Test Band = _77_TM1 ANT12
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1101.5051	21.44	-49.03	-25.00	24.03	Horizontal
2	2177.5589	22.00	-46.00	-25.00	21.00	Horizontal
3	5142.7071	20.51	-37.76	-25.00	12.76	Horizontal
4	7474.6737	48.41	-54.19	-25.00	29.19	Horizontal
5	11765.4383	45.58	-49.68	-25.00	24.68	Horizontal
6	15750.387	44.44	-49.04	-25.00	24.04	Horizontal

**Test Band = _77_TM1 ANT12
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1152.0076	21.53	-48.71	-25.00	23.71	Vertical
2	2512.3256	21.90	-44.76	-25.00	19.76	Vertical
3	5497.9749	20.20	-36.85	-25.00	11.85	Vertical
4	9025.2013	47.37	-51.71	-25.00	26.71	Vertical
5	12943.047	45.33	-47.65	-25.00	22.65	Vertical
6	17427.421	47.06	-46.91	-25.00	21.91	Vertical



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**Test Band = _77_TM1 ANT12
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1025.7513	21.77	-49.12	-25.00	24.12	Horizontal
2	2314.0657	21.91	-45.62	-25.00	20.62	Horizontal
3	5752.4876	22.12	-34.58	-25.00	9.58	Horizontal
4	6359.0680	50.62	-53.74	-25.00	28.74	Horizontal
5	10975.598	46.90	-49.08	-25.00	24.08	Horizontal
6	17953.247	49.33	-44.67	-25.00	19.67	Horizontal

**Test Band = _77_TM1 ANT12
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1204.2602	21.73	-49.04	-25.00	24.04	Vertical
2	2510.0755	22.51	-44.11	-25.00	19.11	Vertical
3	4902.9451	21.71	-37.20	-25.00	12.20	Vertical
4	8481.7741	48.50	-51.91	-25.00	26.91	Vertical
5	12831.941	46.74	-46.61	-25.00	21.61	Vertical
6	14978.148	46.09	-46.14	-25.00	21.14	Vertical



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**Test Band = _77_TM1 ANT12
Test Channel = High Channel I**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1151.2576	21.83	-48.39	-25.00	23.39	Horizontal
2	3016.3508	21.90	-42.55	-25.00	17.55	Horizontal
3	5023.2012	22.14	-36.57	-25.00	11.57	Horizontal
4	8285.4143	49.96	-51.25	-25.00	26.25	Horizontal
5	13362.718	47.24	-45.70	-25.00	20.70	Horizontal
6	17339.417	49.42	-44.78	-25.00	19.78	Horizontal

**Test Band = _77_TM1 ANT12
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1204.2602	21.73	-49.04	-25.00	24.04	Vertical
2	2510.0755	22.51	-44.11	-25.00	19.11	Vertical
3	5270.2135	21.45	-36.75	-25.00	11.75	Vertical
4	8244.1622	48.88	-51.95	-25.00	26.95	Vertical
5	12831.941	46.74	-46.61	-25.00	21.61	Vertical
6	16395.019	48.58	-46.19	-25.00	21.19	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.



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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
N77	30KHz	100MHz	TM1	Low	Outer Full	VL	NT	-3.38	-0.00090	±2.5	PASS
N77	30KHz	100MHz	TM1	Low	Outer Full	VN	NT	-0.96	-0.00026	±2.5	PASS
N77	30KHz	100MHz	TM1	Low	Outer Full	VH	NT	2.32	0.00062	±2.5	PASS
N77	30KHz	100MHz	TM1	Mid	Outer Full	VL	NT	-3.82	-0.00099	±2.5	PASS
N77	30KHz	100MHz	TM1	Mid	Outer Full	VN	NT	1.34	0.00035	±2.5	PASS
N77	30KHz	100MHz	TM1	Mid	Outer Full	VH	NT	-2.45	-0.00064	±2.5	PASS
N77	30KHz	100MHz	TM1	High	Outer Full	VL	NT	1.78	0.00045	±2.5	PASS
N77	30KHz	100MHz	TM1	High	Outer Full	VN	NT	-4.61	-0.00117	±2.5	PASS
N77	30KHz	100MHz	TM1	High	Outer Full	VH	NT	2.8	0.00071	±2.5	PASS
N77	30KHz	100MHz	TM6	Low	Outer Full	VL	NT	-4.63	-0.00123	±2.5	PASS
N77	30KHz	100MHz	TM6	Low	Outer Full	VN	NT	-5.35	-0.00143	±2.5	PASS
N77	30KHz	100MHz	TM6	Low	Outer Full	VH	NT	-2.09	-0.00056	±2.5	PASS
N77	30KHz	100MHz	TM6	Mid	Outer Full	VL	NT	-4.38	-0.00114	±2.5	PASS
N77	30KHz	100MHz	TM6	Mid	Outer Full	VN	NT	-1.69	-0.00044	±2.5	PASS
N77	30KHz	100MHz	TM6	Mid	Outer Full	VH	NT	-5.72	-0.00149	±2.5	PASS
N77	30KHz	100MHz	TM6	High	Outer Full	VL	NT	2.31	0.00059	±2.5	PASS
N77	30KHz	100MHz	TM6	High	Outer Full	VN	NT	-3.18	-0.00081	±2.5	PASS
N77	30KHz	100MHz	TM6	High	Outer Full	VH	NT	-4.23	-0.00108	±2.5	PASS



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Frequency Error VS. Temperature

NR Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage [Vdc]	Temperature(°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N77	30KHz	100MHz	TM1	Low	Outer Full	VN	-30	-1.9	-0.00051	±2.5	PASS
N77	30KHz	100MHz	TM1	Low	Outer Full	VN	-20	4.17	0.00111	±2.5	PASS
N77	30KHz	100MHz	TM1	Low	Outer Full	VN	-10	-0.18	-0.00005	±2.5	PASS
N77	30KHz	100MHz	TM1	Low	Outer Full	VN	0	-0.83	-0.00022	±2.5	PASS
N77	30KHz	100MHz	TM1	Low	Outer Full	VN	10	0.28	0.00007	±2.5	PASS
N77	30KHz	100MHz	TM1	Low	Outer Full	VN	20	-2.91	-0.00078	±2.5	PASS
N77	30KHz	100MHz	TM1	Low	Outer Full	VN	30	-2.59	-0.00069	±2.5	PASS
N77	30KHz	100MHz	TM1	Low	Outer Full	VN	40	0.61	0.00016	±2.5	PASS
N77	30KHz	100MHz	TM1	Low	Outer Full	VN	50	-2.19	-0.00058	±2.5	PASS
N77	30KHz	100MHz	TM1	Mid	Outer Full	VN	-30	4.07	0.00106	±2.5	PASS
N77	30KHz	100MHz	TM1	Mid	Outer Full	VN	-20	-1.94	-0.00051	±2.5	PASS
N77	30KHz	100MHz	TM1	Mid	Outer Full	VN	-10	6.78	0.00177	±2.5	PASS
N77	30KHz	100MHz	TM1	Mid	Outer Full	VN	0	-0.72	-0.00019	±2.5	PASS
N77	30KHz	100MHz	TM1	Mid	Outer Full	VN	10	4.04	0.00105	±2.5	PASS
N77	30KHz	100MHz	TM1	Mid	Outer Full	VN	20	0.79	0.00021	±2.5	PASS
N77	30KHz	100MHz	TM1	Mid	Outer Full	VN	30	-1.61	-0.00042	±2.5	PASS
N77	30KHz	100MHz	TM1	Mid	Outer Full	VN	40	5.7	0.00148	±2.5	PASS
N77	30KHz	100MHz	TM1	Mid	Outer Full	VN	50	-3.13	-0.00082	±2.5	PASS
N77	30KHz	100MHz	TM1	High	Outer Full	VN	-30	0.83	0.00021	±2.5	PASS
N77	30KHz	100MHz	TM1	High	Outer Full	VN	-20	0.57	0.00015	±2.5	PASS
N77	30KHz	100MHz	TM1	High	Outer Full	VN	-10	-1.43	-0.00036	±2.5	PASS
N77	30KHz	100MHz	TM1	High	Outer Full	VN	0	0.11	0.00003	±2.5	PASS
N77	30KHz	100MHz	TM1	High	Outer Full	VN	10	-1.28	-0.00033	±2.5	PASS
N77	30KHz	100MHz	TM1	High	Outer Full	VN	20	2.46	0.00063	±2.5	PASS
N77	30KHz	100MHz	TM1	High	Outer Full	VN	30	-0.27	-0.00007	±2.5	PASS
N77	30KHz	100MHz	TM1	High	Outer Full	VN	40	2.82	0.00072	±2.5	PASS
N77	30KHz	100MHz	TM1	High	Outer Full	VN	50	6.25	0.00159	±2.5	PASS
N77	30KHz	100MHz	TM6	Low	Outer Full	VN	-30	-1.17	-0.00031	±2.5	PASS
N77	30KHz	100MHz	TM6	Low	Outer Full	VN	-20	-4.16	-0.00111	±2.5	PASS
N77	30KHz	100MHz	TM6	Low	Outer Full	VN	-10	5.23	0.00139	±2.5	PASS
N77	30KHz	100MHz	TM6	Low	Outer Full	VN	0	-5.86	-0.00156	±2.5	PASS
N77	30KHz	100MHz	TM6	Low	Outer Full	VN	10	-7.22	-0.00193	±2.5	PASS
N77	30KHz	100MHz	TM6	Low	Outer Full	VN	20	5.97	0.00159	±2.5	PASS
N77	30KHz	100MHz	TM6	Low	Outer Full	VN	30	8.28	0.00221	±2.5	PASS



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N77	30KHz	100MHz	TM6	Low	Outer Full	VN	40	11.33	0.00302	±2.5	PASS
N77	30KHz	100MHz	TM6	Low	Outer Full	VN	50	7.12	0.00190	±2.5	PASS
N77	30KHz	100MHz	TM6	Mid	Outer Full	VN	-30	11.85	0.00309	±2.5	PASS
N77	30KHz	100MHz	TM6	Mid	Outer Full	VN	-20	5.39	0.00140	±2.5	PASS
N77	30KHz	100MHz	TM6	Mid	Outer Full	VN	-10	-8.29	-0.00216	±2.5	PASS
N77	30KHz	100MHz	TM6	Mid	Outer Full	VN	0	11.19	0.00291	±2.5	PASS
N77	30KHz	100MHz	TM6	Mid	Outer Full	VN	10	-4.87	-0.00127	±2.5	PASS
N77	30KHz	100MHz	TM6	Mid	Outer Full	VN	20	-2.86	-0.00074	±2.5	PASS
N77	30KHz	100MHz	TM6	Mid	Outer Full	VN	30	2.52	0.00066	±2.5	PASS
N77	30KHz	100MHz	TM6	Mid	Outer Full	VN	40	6.14	0.00160	±2.5	PASS
N77	30KHz	100MHz	TM6	Mid	Outer Full	VN	50	-1.84	-0.00048	±2.5	PASS
N77	30KHz	100MHz	TM6	High	Outer Full	VN	-30	-2.69	-0.00068	±2.5	PASS
N77	30KHz	100MHz	TM6	High	Outer Full	VN	-20	3.03	0.00077	±2.5	PASS
N77	30KHz	100MHz	TM6	High	Outer Full	VN	-10	0.62	0.00016	±2.5	PASS
N77	30KHz	100MHz	TM6	High	Outer Full	VN	0	7.09	0.00180	±2.5	PASS
N77	30KHz	100MHz	TM6	High	Outer Full	VN	10	-10.03	-0.00255	±2.5	PASS
N77	30KHz	100MHz	TM6	High	Outer Full	VN	20	1.28	0.00033	±2.5	PASS
N77	30KHz	100MHz	TM6	High	Outer Full	VN	30	5.98	0.00152	±2.5	PASS
N77	30KHz	100MHz	TM6	High	Outer Full	VN	40	-4.39	-0.00112	±2.5	PASS
N77	30KHz	100MHz	TM6	High	Outer Full	VN	50	-9.11	-0.00232	±2.5	PASS



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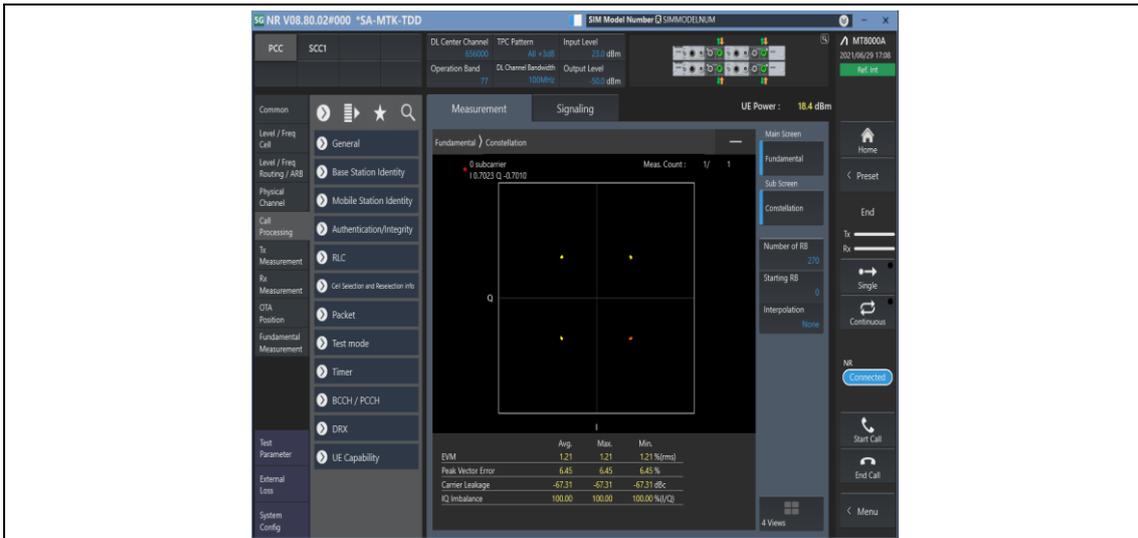
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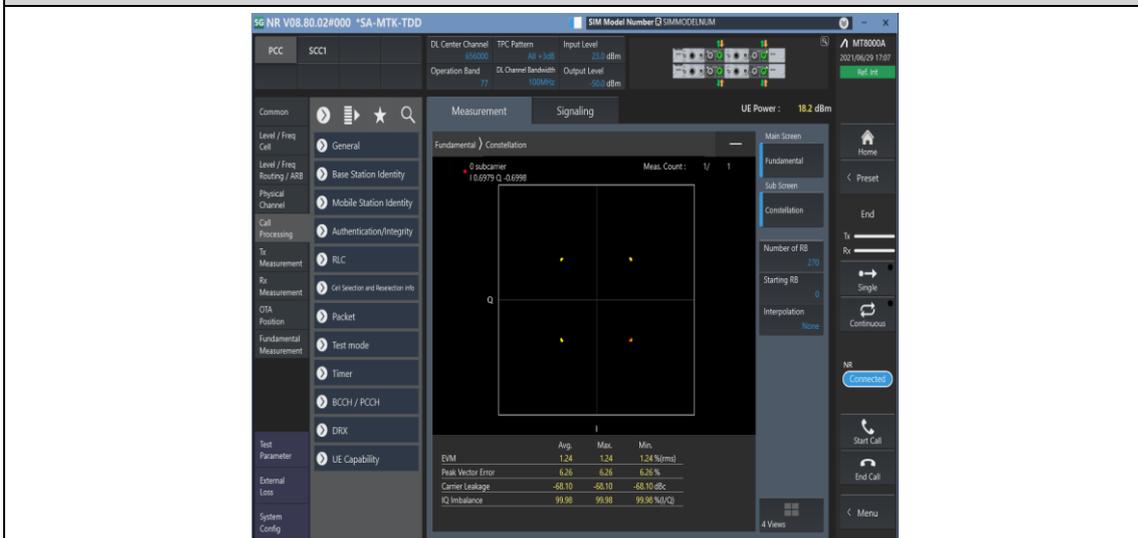
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Modulation characteristics for SA

Test Graphs



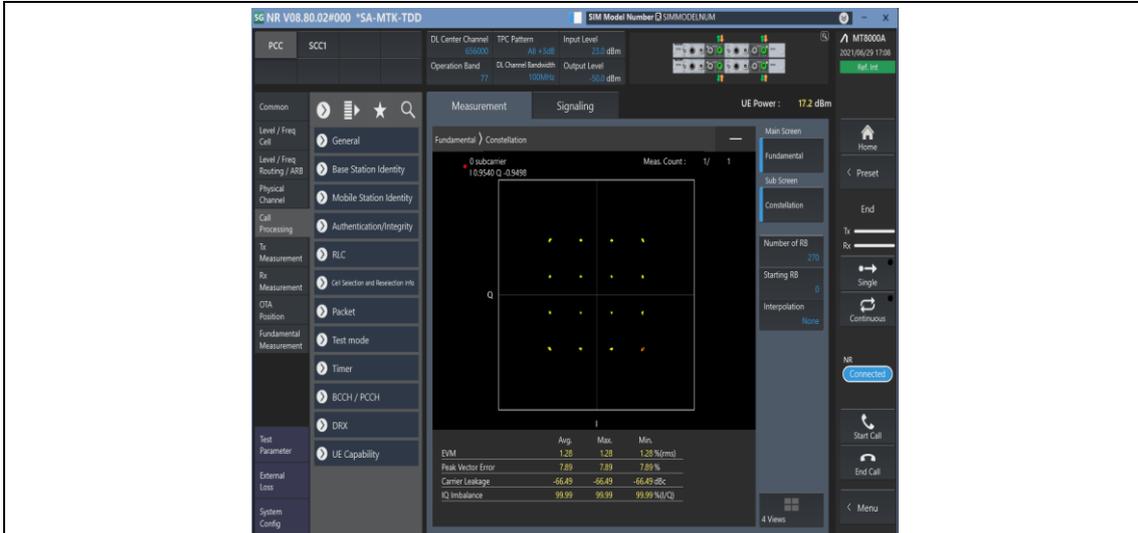
NTNV-N77-30kHz-100MHz-DFT-PI2BPSK-Mid-Outer_Full-----±2.5ppm-PASS



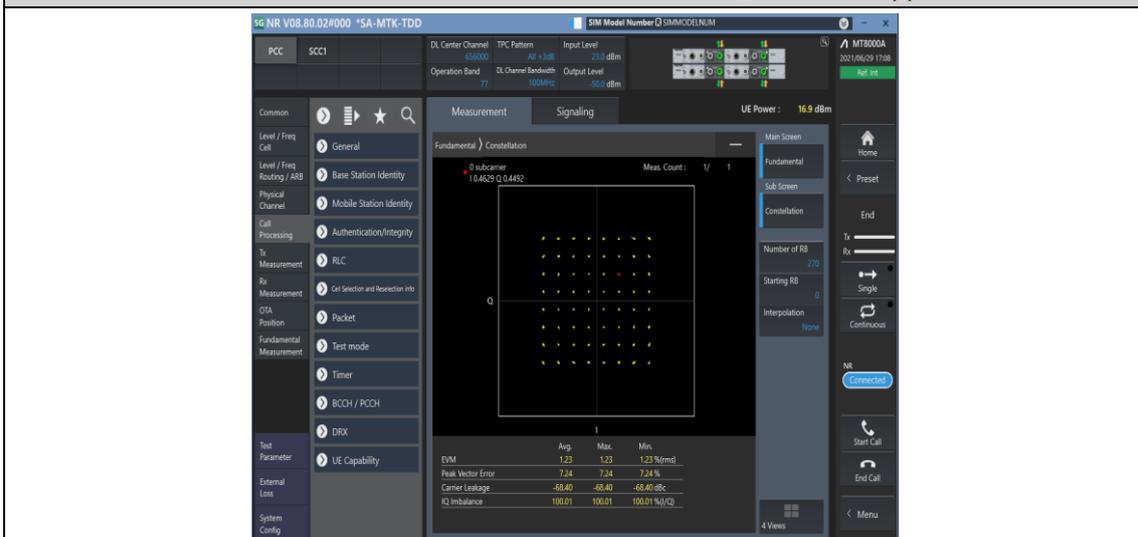
NTNV-N77-30kHz-100MHz-DFT-QPSK-Mid-Outer_Full-----±2.5ppm-PASS



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NTNV-N77-30kHz-100MHz-DFT-16QAM-Mid-Outer_Full-----±2.5ppm-PASS

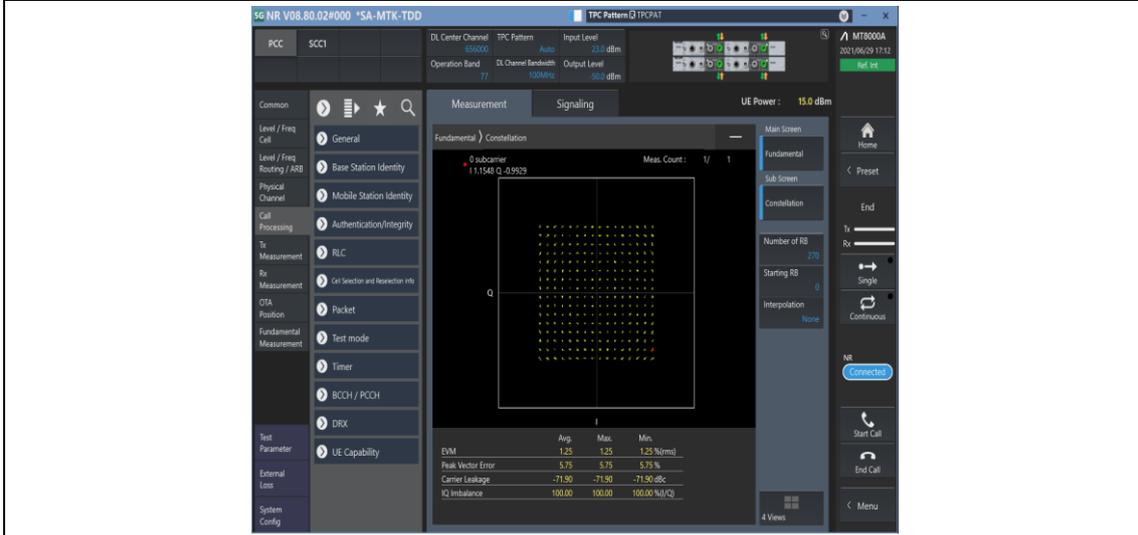


NTNV-N77-30kHz-100MHz-DFT-64QAM-Mid-Outer_Full-----±2.5ppm-PASS

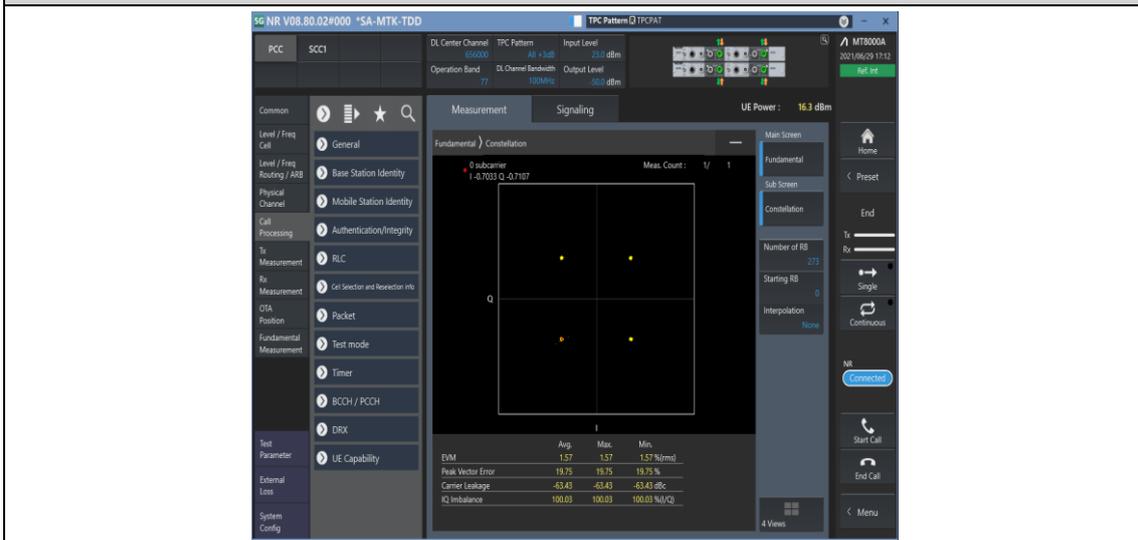


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NTNV-N77-30kHz-100MHz-DFT-256QAM-Mid-Outer_Full-----±2.5ppm-PASS



NTNV-N77-30kHz-100MHz-CP-QPSK-Mid-Outer_Full-----±2.5ppm-PASS

