



# Appendix

## NR Band N7

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

**ANT5:**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	EIRP	Limit	Verdict
N7	15kHz	5MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.70	23.80	33.00	PASS
N7	15kHz	5MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.74	23.84	33.00	PASS
N7	15kHz	5MHz	DFT-PI2BPSK	Low	Inner_Full	23.73	23.83	33.00	PASS
N7	15kHz	5MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.43	23.53	33.00	PASS
N7	15kHz	5MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.42	23.52	33.00	PASS
N7	15kHz	5MHz	DFT-PI2BPSK	Mid	Inner_Full	23.39	23.49	33.00	PASS
N7	15kHz	5MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.51	23.61	33.00	PASS
N7	15kHz	5MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.50	23.60	33.00	PASS
N7	15kHz	5MHz	DFT-PI2BPSK	High	Inner_Full	23.57	23.67	33.00	PASS
N7	15kHz	5MHz	DFT-QPSK	Low	Inner_1RB_Left	23.71	23.81	33.00	PASS
N7	15kHz	5MHz	DFT-QPSK	Low	Inner_1RB_Right	23.75	23.85	33.00	PASS
N7	15kHz	5MHz	DFT-QPSK	Low	Inner_Full	23.81	23.91	33.00	PASS
N7	15kHz	5MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.45	23.55	33.00	PASS
N7	15kHz	5MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.39	23.49	33.00	PASS
N7	15kHz	5MHz	DFT-QPSK	Mid	Inner_Full	23.52	23.62	33.00	PASS
N7	15kHz	5MHz	DFT-QPSK	High	Inner_1RB_Left	23.53	23.63	33.00	PASS
N7	15kHz	5MHz	DFT-QPSK	High	Inner_1RB_Right	23.56	23.66	33.00	PASS
N7	15kHz	5MHz	DFT-QPSK	High	Inner_Full	23.72	23.82	33.00	PASS
N7	15kHz	5MHz	DFT-16QAM	Low	Inner_1RB_Left	22.91	23.01	33.00	PASS
N7	15kHz	5MHz	DFT-16QAM	Low	Inner_1RB_Right	22.93	23.03	33.00	PASS
N7	15kHz	5MHz	DFT-16QAM	Low	Inner_Full	23.76	23.86	33.00	PASS
N7	15kHz	5MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.65	22.75	33.00	PASS
N7	15kHz	5MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.62	22.72	33.00	PASS
N7	15kHz	5MHz	DFT-16QAM	Mid	Inner_Full	23.39	23.49	33.00	PASS
N7	15kHz	5MHz	DFT-16QAM	High	Inner_1RB_Left	23.71	23.81	33.00	PASS
N7	15kHz	5MHz	DFT-16QAM	High	Inner_1RB_Right	22.62	22.72	33.00	PASS
N7	15kHz	5MHz	DFT-16QAM	High	Inner_Full	23.59	23.69	33.00	PASS
N7	15kHz	5MHz	DFT-64QAM	Low	Inner_1RB_Left	20.85	20.95	33.00	PASS
N7	15kHz	5MHz	DFT-64QAM	Low	Inner_1RB_Right	20.81	20.91	33.00	PASS
N7	15kHz	5MHz	DFT-64QAM	Low	Inner_Full	21.47	21.57	33.00	PASS
N7	15kHz	5MHz	DFT-64QAM	Mid	Inner_1RB_Left	20.56	20.66	33.00	PASS
N7	15kHz	5MHz	DFT-64QAM	Mid	Inner_1RB_Right	20.53	20.63	33.00	PASS
N7	15kHz	5MHz	DFT-64QAM	Mid	Inner_Full	20.54	20.64	33.00	PASS
N7	15kHz	5MHz	DFT-64QAM	High	Inner_1RB_Left	20.61	20.71	33.00	PASS
N7	15kHz	5MHz	DFT-64QAM	High	Inner_1RB_Right	20.53	20.63	33.00	PASS
N7	15kHz	5MHz	DFT-64QAM	High	Inner_Full	21.28	21.38	33.00	PASS
N7	15kHz	5MHz	DFT-256QAM	Low	Inner_1RB_Left	18.95	19.05	33.00	PASS
N7	15kHz	5MHz	DFT-256QAM	Low	Inner_1RB_Right	18.98	19.08	33.00	PASS
N7	15kHz	5MHz	DFT-256QAM	Low	Inner_Full	21.66	21.76	33.00	PASS
N7	15kHz	5MHz	DFT-256QAM	Mid	Inner_1RB_Left	18.65	18.75	33.00	PASS
N7	15kHz	5MHz	DFT-256QAM	Mid	Inner_1RB_Right	18.61	18.71	33.00	PASS
N7	15kHz	5MHz	DFT-256QAM	Mid	Inner_Full	21.30	21.40	33.00	PASS
N7	15kHz	5MHz	DFT-256QAM	High	Inner_1RB_Left	18.85	18.95	33.00	PASS
N7	15kHz	5MHz	DFT-256QAM	High	Inner_1RB_Right	19.01	19.11	33.00	PASS



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N7	15kHz	5MHz	DFT-256QAM	High	Inner_Full	19.34	19.44	33.00	PASS
N7	15kHz	5MHz	CP-QPSK	Low	Inner_1RB_Left	22.42	22.52	33.00	PASS
N7	15kHz	5MHz	CP-QPSK	Low	Inner_1RB_Right	22.52	22.62	33.00	PASS
N7	15kHz	5MHz	CP-QPSK	Low	Inner_Full	22.29	22.39	33.00	PASS
N7	15kHz	5MHz	CP-QPSK	Mid	Inner_1RB_Left	22.06	22.16	33.00	PASS
N7	15kHz	5MHz	CP-QPSK	Mid	Inner_1RB_Right	22.18	22.28	33.00	PASS
N7	15kHz	5MHz	CP-QPSK	Mid	Inner_Full	21.96	22.06	33.00	PASS
N7	15kHz	5MHz	CP-QPSK	High	Inner_1RB_Left	22.37	22.47	33.00	PASS
N7	15kHz	5MHz	CP-QPSK	High	Inner_1RB_Right	22.20	22.30	33.00	PASS
N7	15kHz	5MHz	CP-QPSK	High	Inner_Full	22.30	22.40	33.00	PASS
N7	15kHz	5MHz	CP-16QAM	Low	Inner_1RB_Left	21.37	21.47	33.00	PASS
N7	15kHz	5MHz	CP-16QAM	Low	Inner_1RB_Right	21.83	21.93	33.00	PASS
N7	15kHz	5MHz	CP-16QAM	Low	Inner_Full	21.80	21.90	33.00	PASS
N7	15kHz	5MHz	CP-16QAM	Mid	Inner_1RB_Left	20.69	20.79	33.00	PASS
N7	15kHz	5MHz	CP-16QAM	Mid	Inner_1RB_Right	21.49	21.59	33.00	PASS
N7	15kHz	5MHz	CP-16QAM	Mid	Inner_Full	21.48	21.58	33.00	PASS
N7	15kHz	5MHz	CP-16QAM	High	Inner_1RB_Left	21.50	21.60	33.00	PASS
N7	15kHz	5MHz	CP-16QAM	High	Inner_1RB_Right	21.64	21.74	33.00	PASS
N7	15kHz	5MHz	CP-16QAM	High	Inner_Full	21.71	21.81	33.00	PASS
N7	15kHz	5MHz	CP-64QAM	Low	Inner_1RB_Left	20.20	20.30	33.00	PASS
N7	15kHz	5MHz	CP-64QAM	Low	Inner_1RB_Right	19.85	19.95	33.00	PASS
N7	15kHz	5MHz	CP-64QAM	Low	Inner_Full	20.30	20.40	33.00	PASS
N7	15kHz	5MHz	CP-64QAM	Mid	Inner_1RB_Left	19.83	19.93	33.00	PASS
N7	15kHz	5MHz	CP-64QAM	Mid	Inner_1RB_Right	19.67	19.77	33.00	PASS
N7	15kHz	5MHz	CP-64QAM	Mid	Inner_Full	19.96	20.06	33.00	PASS
N7	15kHz	5MHz	CP-64QAM	High	Inner_1RB_Left	20.10	20.20	33.00	PASS
N7	15kHz	5MHz	CP-64QAM	High	Inner_1RB_Right	10.20	10.30	33.00	PASS
N7	15kHz	5MHz	CP-64QAM	High	Inner_Full	20.19	20.29	33.00	PASS
N7	15kHz	5MHz	CP-256QAM	Low	Inner_1RB_Left	16.71	16.81	33.00	PASS
N7	15kHz	5MHz	CP-256QAM	Low	Inner_1RB_Right	16.88	16.98	33.00	PASS
N7	15kHz	5MHz	CP-256QAM	Low	Inner_Full	20.41	20.51	33.00	PASS
N7	15kHz	5MHz	CP-256QAM	Mid	Inner_1RB_Left	16.56	16.66	33.00	PASS
N7	15kHz	5MHz	CP-256QAM	Mid	Inner_1RB_Right	16.49	16.59	33.00	PASS
N7	15kHz	5MHz	CP-256QAM	Mid	Inner_Full	20.30	20.40	33.00	PASS
N7	15kHz	5MHz	CP-256QAM	High	Inner_1RB_Left	16.77	16.87	33.00	PASS
N7	15kHz	5MHz	CP-256QAM	High	Inner_1RB_Right	16.89	16.99	33.00	PASS
N7	15kHz	5MHz	CP-256QAM	High	Inner_Full	20.53	20.63	33.00	PASS
N7	15kHz	10MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.48	23.58	33.00	PASS
N7	15kHz	10MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.64	23.74	33.00	PASS
N7	15kHz	10MHz	DFT-PI2BPSK	Low	Inner_Full	23.61	23.71	33.00	PASS
N7	15kHz	10MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.38	23.48	33.00	PASS
N7	15kHz	10MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.43	23.53	33.00	PASS
N7	15kHz	10MHz	DFT-PI2BPSK	Mid	Inner_Full	23.45	23.55	33.00	PASS
N7	15kHz	10MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.82	23.92	33.00	PASS
N7	15kHz	10MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.74	23.84	33.00	PASS
N7	15kHz	10MHz	DFT-PI2BPSK	High	Inner_Full	23.88	23.98	33.00	PASS
N7	15kHz	10MHz	DFT-QPSK	Low	Inner_1RB_Left	23.49	23.59	33.00	PASS
N7	15kHz	10MHz	DFT-QPSK	Low	Inner_1RB_Right	23.63	23.73	33.00	PASS
N7	15kHz	10MHz	DFT-QPSK	Low	Inner_Full	23.76	23.86	33.00	PASS
N7	15kHz	10MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.39	23.49	33.00	PASS
N7	15kHz	10MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.45	23.55	33.00	PASS



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N7	15kHz	10MHz	DFT-QPSK	Mid	Inner_Full	23.55	23.65	33.00	PASS
N7	15kHz	10MHz	DFT-QPSK	High	Inner_1RB_Left	23.78	23.88	33.00	PASS
N7	15kHz	10MHz	DFT-QPSK	High	Inner_1RB_Right	23.82	23.92	33.00	PASS
N7	15kHz	10MHz	DFT-QPSK	High	Inner_Full	23.67	23.77	33.00	PASS
N7	15kHz	10MHz	DFT-16QAM	Low	Inner_1RB_Left	22.72	22.82	33.00	PASS
N7	15kHz	10MHz	DFT-16QAM	Low	Inner_1RB_Right	22.86	22.96	33.00	PASS
N7	15kHz	10MHz	DFT-16QAM	Low	Inner_Full	23.65	23.75	33.00	PASS
N7	15kHz	10MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.61	22.71	33.00	PASS
N7	15kHz	10MHz	DFT-16QAM	Mid	Inner_1RB_Right	23.55	23.65	33.00	PASS
N7	15kHz	10MHz	DFT-16QAM	Mid	Inner_Full	23.44	23.54	33.00	PASS
N7	15kHz	10MHz	DFT-16QAM	High	Inner_1RB_Left	22.67	22.77	33.00	PASS
N7	15kHz	10MHz	DFT-16QAM	High	Inner_1RB_Right	22.69	22.79	33.00	PASS
N7	15kHz	10MHz	DFT-16QAM	High	Inner_Full	23.80	23.90	33.00	PASS
N7	15kHz	10MHz	DFT-64QAM	Low	Inner_1RB_Left	20.65	20.75	33.00	PASS
N7	15kHz	10MHz	DFT-64QAM	Low	Inner_1RB_Right	20.80	20.90	33.00	PASS
N7	15kHz	10MHz	DFT-64QAM	Low	Inner_Full	20.64	20.74	33.00	PASS
N7	15kHz	10MHz	DFT-64QAM	Mid	Inner_1RB_Left	20.50	20.60	33.00	PASS
N7	15kHz	10MHz	DFT-64QAM	Mid	Inner_1RB_Right	20.56	20.66	33.00	PASS
N7	15kHz	10MHz	DFT-64QAM	Mid	Inner_Full	21.15	21.25	33.00	PASS
N7	15kHz	10MHz	DFT-64QAM	High	Inner_1RB_Left	20.74	20.84	33.00	PASS
N7	15kHz	10MHz	DFT-64QAM	High	Inner_1RB_Right	20.72	20.82	33.00	PASS
N7	15kHz	10MHz	DFT-64QAM	High	Inner_Full	21.13	21.23	33.00	PASS
N7	15kHz	10MHz	DFT-256QAM	Low	Inner_1RB_Left	18.76	18.86	33.00	PASS
N7	15kHz	10MHz	DFT-256QAM	Low	Inner_1RB_Right	18.90	19.00	33.00	PASS
N7	15kHz	10MHz	DFT-256QAM	Low	Inner_Full	21.53	21.63	33.00	PASS
N7	15kHz	10MHz	DFT-256QAM	Mid	Inner_1RB_Left	19.63	19.73	33.00	PASS
N7	15kHz	10MHz	DFT-256QAM	Mid	Inner_1RB_Right	18.67	18.77	33.00	PASS
N7	15kHz	10MHz	DFT-256QAM	Mid	Inner_Full	21.37	21.47	33.00	PASS
N7	15kHz	10MHz	DFT-256QAM	High	Inner_1RB_Left	19.22	19.32	33.00	PASS
N7	15kHz	10MHz	DFT-256QAM	High	Inner_1RB_Right	19.33	19.43	33.00	PASS
N7	15kHz	10MHz	DFT-256QAM	High	Inner_Full	20.99	21.09	33.00	PASS
N7	15kHz	10MHz	CP-QPSK	Low	Inner_1RB_Left	22.22	22.32	33.00	PASS
N7	15kHz	10MHz	CP-QPSK	Low	Inner_1RB_Right	22.40	22.50	33.00	PASS
N7	15kHz	10MHz	CP-QPSK	Low	Inner_Full	22.23	22.33	33.00	PASS
N7	15kHz	10MHz	CP-QPSK	Mid	Inner_1RB_Left	20.11	20.21	33.00	PASS
N7	15kHz	10MHz	CP-QPSK	Mid	Inner_1RB_Right	22.24	22.34	33.00	PASS
N7	15kHz	10MHz	CP-QPSK	Mid	Inner_Full	17.22	17.32	33.00	PASS
N7	15kHz	10MHz	CP-QPSK	High	Inner_1RB_Left	22.19	22.29	33.00	PASS
N7	15kHz	10MHz	CP-QPSK	High	Inner_1RB_Right	22.07	22.17	33.00	PASS
N7	15kHz	10MHz	CP-QPSK	High	Inner_Full	22.26	22.36	33.00	PASS
N7	15kHz	10MHz	CP-16QAM	Low	Inner_1RB_Left	22.65	22.75	33.00	PASS
N7	15kHz	10MHz	CP-16QAM	Low	Inner_1RB_Right	21.75	21.85	33.00	PASS
N7	15kHz	10MHz	CP-16QAM	Low	Inner_Full	21.64	21.74	33.00	PASS
N7	15kHz	10MHz	CP-16QAM	Mid	Inner_1RB_Left	21.54	21.64	33.00	PASS
N7	15kHz	10MHz	CP-16QAM	Mid	Inner_1RB_Right	21.56	21.66	33.00	PASS
N7	15kHz	10MHz	CP-16QAM	Mid	Inner_Full	21.49	21.59	33.00	PASS
N7	15kHz	10MHz	CP-16QAM	High	Inner_1RB_Left	21.75	21.85	33.00	PASS
N7	15kHz	10MHz	CP-16QAM	High	Inner_1RB_Right	21.83	21.93	33.00	PASS
N7	15kHz	10MHz	CP-16QAM	High	Inner_Full	21.62	21.72	33.00	PASS
N7	15kHz	10MHz	CP-64QAM	Low	Inner_1RB_Left	19.95	20.05	33.00	PASS
N7	15kHz	10MHz	CP-64QAM	Low	Inner_1RB_Right	19.63	19.73	33.00	PASS



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N7	15kHz	10MHz	CP-64QAM	Low	Inner_Full	20.28	20.38	33.00	PASS
N7	15kHz	10MHz	CP-64QAM	Mid	Inner_1RB_Left	20.04	20.14	33.00	PASS
N7	15kHz	10MHz	CP-64QAM	Mid	Inner_1RB_Right	19.94	20.04	33.00	PASS
N7	15kHz	10MHz	CP-64QAM	Mid	Inner_Full	20.15	20.25	33.00	PASS
N7	15kHz	10MHz	CP-64QAM	High	Inner_1RB_Left	20.01	20.11	33.00	PASS
N7	15kHz	10MHz	CP-64QAM	High	Inner_1RB_Right	19.81	19.91	33.00	PASS
N7	15kHz	10MHz	CP-64QAM	High	Inner_Full	20.30	20.40	33.00	PASS
N7	15kHz	10MHz	CP-256QAM	Low	Inner_1RB_Left	16.72	16.82	33.00	PASS
N7	15kHz	10MHz	CP-256QAM	Low	Inner_1RB_Right	16.83	16.93	33.00	PASS
N7	15kHz	10MHz	CP-256QAM	Low	Inner_Full	17.36	17.46	33.00	PASS
N7	15kHz	10MHz	CP-256QAM	Mid	Inner_1RB_Left	16.52	16.62	33.00	PASS
N7	15kHz	10MHz	CP-256QAM	Mid	Inner_1RB_Right	16.65	16.75	33.00	PASS
N7	15kHz	10MHz	CP-256QAM	Mid	Inner_Full	17.22	17.32	33.00	PASS
N7	15kHz	10MHz	CP-256QAM	High	Inner_1RB_Left	17.18	17.28	33.00	PASS
N7	15kHz	10MHz	CP-256QAM	High	Inner_1RB_Right	17.25	17.35	33.00	PASS
N7	15kHz	10MHz	CP-256QAM	High	Inner_Full	20.02	20.12	33.00	PASS
N7	15kHz	15MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.43	23.53	33.00	PASS
N7	15kHz	15MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.78	23.88	33.00	PASS
N7	15kHz	15MHz	DFT-PI2BPSK	Low	Inner_Full	23.81	23.91	33.00	PASS
N7	15kHz	15MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.44	23.54	33.00	PASS
N7	15kHz	15MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.57	23.67	33.00	PASS
N7	15kHz	15MHz	DFT-PI2BPSK	Mid	Inner_Full	23.58	23.68	33.00	PASS
N7	15kHz	15MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.84	23.94	33.00	PASS
N7	15kHz	15MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.67	23.77	33.00	PASS
N7	15kHz	15MHz	DFT-PI2BPSK	High	Inner_Full	23.81	23.91	33.00	PASS
N7	15kHz	15MHz	DFT-QPSK	Low	Inner_1RB_Left	23.69	23.79	33.00	PASS
N7	15kHz	15MHz	DFT-QPSK	Low	Inner_1RB_Right	23.36	23.46	33.00	PASS
N7	15kHz	15MHz	DFT-QPSK	Low	Inner_Full	23.69	23.79	33.00	PASS
N7	15kHz	15MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.43	23.53	33.00	PASS
N7	15kHz	15MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.56	23.66	33.00	PASS
N7	15kHz	15MHz	DFT-QPSK	Mid	Inner_Full	23.43	23.53	33.00	PASS
N7	15kHz	15MHz	DFT-QPSK	High	Inner_1RB_Left	23.79	23.89	33.00	PASS
N7	15kHz	15MHz	DFT-QPSK	High	Inner_1RB_Right	23.78	23.88	33.00	PASS
N7	15kHz	15MHz	DFT-QPSK	High	Inner_Full	23.77	23.87	33.00	PASS
N7	15kHz	15MHz	DFT-16QAM	Low	Inner_1RB_Left	22.59	22.69	33.00	PASS
N7	15kHz	15MHz	DFT-16QAM	Low	Inner_1RB_Right	22.72	22.82	33.00	PASS
N7	15kHz	15MHz	DFT-16QAM	Low	Inner_Full	23.81	23.91	33.00	PASS
N7	15kHz	15MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.46	22.56	33.00	PASS
N7	15kHz	15MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.48	22.58	33.00	PASS
N7	15kHz	15MHz	DFT-16QAM	Mid	Inner_Full	23.56	23.66	33.00	PASS
N7	15kHz	15MHz	DFT-16QAM	High	Inner_1RB_Left	22.74	22.84	33.00	PASS
N7	15kHz	15MHz	DFT-16QAM	High	Inner_1RB_Right	22.62	22.72	33.00	PASS
N7	15kHz	15MHz	DFT-16QAM	High	Inner_Full	23.55	23.65	33.00	PASS
N7	15kHz	15MHz	DFT-64QAM	Low	Inner_1RB_Left	20.81	20.91	33.00	PASS
N7	15kHz	15MHz	DFT-64QAM	Low	Inner_1RB_Right	20.96	21.06	33.00	PASS
N7	15kHz	15MHz	DFT-64QAM	Low	Inner_Full	23.42	23.52	33.00	PASS
N7	15kHz	15MHz	DFT-64QAM	Mid	Inner_1RB_Left	20.67	20.77	33.00	PASS
N7	15kHz	15MHz	DFT-64QAM	Mid	Inner_1RB_Right	20.72	20.82	33.00	PASS
N7	15kHz	15MHz	DFT-64QAM	Mid	Inner_Full	21.04	21.14	33.00	PASS
N7	15kHz	15MHz	DFT-64QAM	High	Inner_1RB_Left	20.82	20.92	33.00	PASS
N7	15kHz	15MHz	DFT-64QAM	High	Inner_1RB_Right	20.68	20.78	33.00	PASS



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N7	15kHz	15MHz	DFT-64QAM	High	Inner_Full	21.22	21.32	33.00	PASS
N7	15kHz	15MHz	DFT-256QAM	Low	Inner_1RB_Left	19.10	19.20	33.00	PASS
N7	15kHz	15MHz	DFT-256QAM	Low	Inner_1RB_Right	19.21	19.31	33.00	PASS
N7	15kHz	15MHz	DFT-256QAM	Low	Inner_Full	21.15	21.25	33.00	PASS
N7	15kHz	15MHz	DFT-256QAM	Mid	Inner_1RB_Left	18.94	19.04	33.00	PASS
N7	15kHz	15MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.01	19.11	33.00	PASS
N7	15kHz	15MHz	DFT-256QAM	Mid	Inner_Full	20.91	21.01	33.00	PASS
N7	15kHz	15MHz	DFT-256QAM	High	Inner_1RB_Left	19.27	19.37	33.00	PASS
N7	15kHz	15MHz	DFT-256QAM	High	Inner_1RB_Right	19.29	19.39	33.00	PASS
N7	15kHz	15MHz	DFT-256QAM	High	Inner_Full	20.98	21.08	33.00	PASS
N7	15kHz	15MHz	CP-QPSK	Low	Inner_1RB_Left	22.12	22.22	33.00	PASS
N7	15kHz	15MHz	CP-QPSK	Low	Inner_1RB_Right	22.01	22.11	33.00	PASS
N7	15kHz	15MHz	CP-QPSK	Low	Inner_Full	22.12	22.22	33.00	PASS
N7	15kHz	15MHz	CP-QPSK	Mid	Inner_1RB_Left	21.88	21.98	33.00	PASS
N7	15kHz	15MHz	CP-QPSK	Mid	Inner_1RB_Right	21.78	21.88	33.00	PASS
N7	15kHz	15MHz	CP-QPSK	Mid	Inner_Full	21.91	22.01	33.00	PASS
N7	15kHz	15MHz	CP-QPSK	High	Inner_1RB_Left	22.17	22.27	33.00	PASS
N7	15kHz	15MHz	CP-QPSK	High	Inner_1RB_Right	21.82	21.92	33.00	PASS
N7	15kHz	15MHz	CP-QPSK	High	Inner_Full	22.24	22.34	33.00	PASS
N7	15kHz	15MHz	CP-16QAM	Low	Inner_1RB_Left	21.75	21.85	33.00	PASS
N7	15kHz	15MHz	CP-16QAM	Low	Inner_1RB_Right	22.01	22.11	33.00	PASS
N7	15kHz	15MHz	CP-16QAM	Low	Inner_Full	21.65	21.75	33.00	PASS
N7	15kHz	15MHz	CP-16QAM	Mid	Inner_1RB_Left	20.03	20.13	33.00	PASS
N7	15kHz	15MHz	CP-16QAM	Mid	Inner_1RB_Right	21.40	21.50	33.00	PASS
N7	15kHz	15MHz	CP-16QAM	Mid	Inner_Full	21.43	21.53	33.00	PASS
N7	15kHz	15MHz	CP-16QAM	High	Inner_1RB_Left	20.00	20.10	33.00	PASS
N7	15kHz	15MHz	CP-16QAM	High	Inner_1RB_Right	21.65	21.75	33.00	PASS
N7	15kHz	15MHz	CP-16QAM	High	Inner_Full	21.73	21.83	33.00	PASS
N7	15kHz	15MHz	CP-64QAM	Low	Inner_1RB_Left	19.86	19.96	33.00	PASS
N7	15kHz	15MHz	CP-64QAM	Low	Inner_1RB_Right	19.86	19.96	33.00	PASS
N7	15kHz	15MHz	CP-64QAM	Low	Inner_Full	20.31	20.41	33.00	PASS
N7	15kHz	15MHz	CP-64QAM	Mid	Inner_1RB_Left	19.71	19.81	33.00	PASS
N7	15kHz	15MHz	CP-64QAM	Mid	Inner_1RB_Right	19.64	19.74	33.00	PASS
N7	15kHz	15MHz	CP-64QAM	Mid	Inner_Full	20.04	20.14	33.00	PASS
N7	15kHz	15MHz	CP-64QAM	High	Inner_1RB_Left	20.00	20.10	33.00	PASS
N7	15kHz	15MHz	CP-64QAM	High	Inner_1RB_Right	19.70	19.80	33.00	PASS
N7	15kHz	15MHz	CP-64QAM	High	Inner_Full	20.37	20.47	33.00	PASS
N7	15kHz	15MHz	CP-256QAM	Low	Inner_1RB_Left	17.05	17.15	33.00	PASS
N7	15kHz	15MHz	CP-256QAM	Low	Inner_1RB_Right	17.14	17.24	33.00	PASS
N7	15kHz	15MHz	CP-256QAM	Low	Inner_Full	20.05	20.15	33.00	PASS
N7	15kHz	15MHz	CP-256QAM	Mid	Inner_1RB_Left	16.84	16.94	33.00	PASS
N7	15kHz	15MHz	CP-256QAM	Mid	Inner_1RB_Right	16.93	17.03	33.00	PASS
N7	15kHz	15MHz	CP-256QAM	Mid	Inner_Full	19.81	19.91	33.00	PASS
N7	15kHz	15MHz	CP-256QAM	High	Inner_1RB_Left	17.13	17.23	33.00	PASS
N7	15kHz	15MHz	CP-256QAM	High	Inner_1RB_Right	10.12	10.22	33.00	PASS
N7	15kHz	15MHz	CP-256QAM	High	Inner_Full	19.87	19.97	33.00	PASS
N7	15kHz	20MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.71	23.81	33.00	PASS
N7	15kHz	20MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.85	23.95	33.00	PASS
N7	15kHz	20MHz	DFT-PI2BPSK	Low	Inner_Full	23.85	23.95	33.00	PASS
N7	15kHz	20MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.49	23.59	33.00	PASS
N7	15kHz	20MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.60	23.70	33.00	PASS



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N7	15kHz	20MHz	DFT-PI2BPSK	Mid	Inner_Full	23.60	23.70	33.00	PASS
N7	15kHz	20MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.75	23.85	33.00	PASS
N7	15kHz	20MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.67	23.77	33.00	PASS
N7	15kHz	20MHz	DFT-PI2BPSK	High	Inner_Full	23.79	23.89	33.00	PASS
N7	15kHz	20MHz	DFT-QPSK	Low	Inner_1RB_Left	23.70	23.80	33.00	PASS
N7	15kHz	20MHz	DFT-QPSK	Low	Inner_1RB_Right	23.87	23.97	33.00	PASS
N7	15kHz	20MHz	DFT-QPSK	Low	Inner_Full	23.65	23.75	33.00	PASS
N7	15kHz	20MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.47	23.57	33.00	PASS
N7	15kHz	20MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.62	23.72	33.00	PASS
N7	15kHz	20MHz	DFT-QPSK	Mid	Inner_Full	23.38	23.48	33.00	PASS
N7	15kHz	20MHz	DFT-QPSK	High	Inner_1RB_Left	23.77	23.87	33.00	PASS
N7	15kHz	20MHz	DFT-QPSK	High	Inner_1RB_Right	23.74	23.84	33.00	PASS
N7	15kHz	20MHz	DFT-QPSK	High	Inner_Full	23.68	23.78	33.00	PASS
N7	15kHz	20MHz	DFT-16QAM	Low	Inner_1RB_Left	22.62	22.72	33.00	PASS
N7	15kHz	20MHz	DFT-16QAM	Low	Inner_1RB_Right	22.83	22.93	33.00	PASS
N7	15kHz	20MHz	DFT-16QAM	Low	Inner_Full	23.90	24.00	33.00	PASS
N7	15kHz	20MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.46	22.56	33.00	PASS
N7	15kHz	20MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.47	22.57	33.00	PASS
N7	15kHz	20MHz	DFT-16QAM	Mid	Inner_Full	23.59	23.69	33.00	PASS
N7	15kHz	20MHz	DFT-16QAM	High	Inner_1RB_Left	22.63	22.73	33.00	PASS
N7	15kHz	20MHz	DFT-16QAM	High	Inner_1RB_Right	22.63	22.73	33.00	PASS
N7	15kHz	20MHz	DFT-16QAM	High	Inner_Full	23.75	23.85	33.00	PASS
N7	15kHz	20MHz	DFT-64QAM	Low	Inner_1RB_Left	20.85	20.95	33.00	PASS
N7	15kHz	20MHz	DFT-64QAM	Low	Inner_1RB_Right	21.04	21.14	33.00	PASS
N7	15kHz	20MHz	DFT-64QAM	Low	Inner_Full	21.19	21.29	33.00	PASS
N7	15kHz	20MHz	DFT-64QAM	Mid	Inner_1RB_Left	20.71	20.81	33.00	PASS
N7	15kHz	20MHz	DFT-64QAM	Mid	Inner_1RB_Right	20.73	20.83	33.00	PASS
N7	15kHz	20MHz	DFT-64QAM	Mid	Inner_Full	20.93	21.03	33.00	PASS
N7	15kHz	20MHz	DFT-64QAM	High	Inner_1RB_Left	20.75	20.85	33.00	PASS
N7	15kHz	20MHz	DFT-64QAM	High	Inner_1RB_Right	20.65	20.75	33.00	PASS
N7	15kHz	20MHz	DFT-64QAM	High	Inner_Full	21.07	21.17	33.00	PASS
N7	15kHz	20MHz	DFT-256QAM	Low	Inner_1RB_Left	19.16	19.26	33.00	PASS
N7	15kHz	20MHz	DFT-256QAM	Low	Inner_1RB_Right	19.35	19.45	33.00	PASS
N7	15kHz	20MHz	DFT-256QAM	Low	Inner_Full	21.20	21.30	33.00	PASS
N7	15kHz	20MHz	DFT-256QAM	Mid	Inner_1RB_Left	18.98	19.08	33.00	PASS
N7	15kHz	20MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.04	19.14	33.00	PASS
N7	15kHz	20MHz	DFT-256QAM	Mid	Inner_Full	20.91	21.01	33.00	PASS
N7	15kHz	20MHz	DFT-256QAM	High	Inner_1RB_Left	19.18	19.28	33.00	PASS
N7	15kHz	20MHz	DFT-256QAM	High	Inner_1RB_Right	19.21	19.31	33.00	PASS
N7	15kHz	20MHz	DFT-256QAM	High	Inner_Full	20.92	21.02	33.00	PASS
N7	15kHz	20MHz	CP-QPSK	Low	Inner_1RB_Left	22.14	22.24	33.00	PASS
N7	15kHz	20MHz	CP-QPSK	Low	Inner_1RB_Right	22.15	22.25	33.00	PASS
N7	15kHz	20MHz	CP-QPSK	Low	Inner_Full	22.14	22.24	33.00	PASS
N7	15kHz	20MHz	CP-QPSK	Mid	Inner_1RB_Left	21.84	21.94	33.00	PASS
N7	15kHz	20MHz	CP-QPSK	Mid	Inner_1RB_Right	19.60	19.70	33.00	PASS
N7	15kHz	20MHz	CP-QPSK	Mid	Inner_Full	21.82	21.92	33.00	PASS
N7	15kHz	20MHz	CP-QPSK	High	Inner_1RB_Left	22.16	22.26	33.00	PASS
N7	15kHz	20MHz	CP-QPSK	High	Inner_1RB_Right	21.91	22.01	33.00	PASS
N7	15kHz	20MHz	CP-QPSK	High	Inner_Full	22.14	22.24	33.00	PASS
N7	15kHz	20MHz	CP-16QAM	Low	Inner_1RB_Left	19.89	19.99	33.00	PASS
N7	15kHz	20MHz	CP-16QAM	Low	Inner_1RB_Right	21.77	21.87	33.00	PASS



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N7	15kHz	20MHz	CP-16QAM	Low	Inner_Full	21.63	21.73	33.00	PASS
N7	15kHz	20MHz	CP-16QAM	Mid	Inner_1RB_Left	21.53	21.63	33.00	PASS
N7	15kHz	20MHz	CP-16QAM	Mid	Inner_1RB_Right	21.48	21.58	33.00	PASS
N7	15kHz	20MHz	CP-16QAM	Mid	Inner_Full	21.34	21.44	33.00	PASS
N7	15kHz	20MHz	CP-16QAM	High	Inner_1RB_Left	20.19	20.29	33.00	PASS
N7	15kHz	20MHz	CP-16QAM	High	Inner_1RB_Right	21.67	21.77	33.00	PASS
N7	15kHz	20MHz	CP-16QAM	High	Inner_Full	21.66	21.76	33.00	PASS
N7	15kHz	20MHz	CP-64QAM	Low	Inner_1RB_Left	19.90	20.00	33.00	PASS
N7	15kHz	20MHz	CP-64QAM	Low	Inner_1RB_Right	19.94	20.04	33.00	PASS
N7	15kHz	20MHz	CP-64QAM	Low	Inner_Full	20.28	20.38	33.00	PASS
N7	15kHz	20MHz	CP-64QAM	Mid	Inner_1RB_Left	19.73	19.83	33.00	PASS
N7	15kHz	20MHz	CP-64QAM	Mid	Inner_1RB_Right	19.61	19.71	33.00	PASS
N7	15kHz	20MHz	CP-64QAM	Mid	Inner_Full	19.98	20.08	33.00	PASS
N7	15kHz	20MHz	CP-64QAM	High	Inner_1RB_Left	19.93	20.03	33.00	PASS
N7	15kHz	20MHz	CP-64QAM	High	Inner_1RB_Right	19.71	19.81	33.00	PASS
N7	15kHz	20MHz	CP-64QAM	High	Inner_Full	20.31	20.41	33.00	PASS
N7	15kHz	20MHz	CP-256QAM	Low	Inner_1RB_Left	17.06	17.16	33.00	PASS
N7	15kHz	20MHz	CP-256QAM	Low	Inner_1RB_Right	17.17	17.27	33.00	PASS
N7	15kHz	20MHz	CP-256QAM	Low	Inner_Full	20.13	20.23	33.00	PASS
N7	15kHz	20MHz	CP-256QAM	Mid	Inner_1RB_Left	16.84	16.94	33.00	PASS
N7	15kHz	20MHz	CP-256QAM	Mid	Inner_1RB_Right	16.80	16.90	33.00	PASS
N7	15kHz	20MHz	CP-256QAM	Mid	Inner_Full	19.78	19.88	33.00	PASS
N7	15kHz	20MHz	CP-256QAM	High	Inner_1RB_Left	17.15	17.25	33.00	PASS
N7	15kHz	20MHz	CP-256QAM	High	Inner_1RB_Right	17.06	17.16	33.00	PASS
N7	15kHz	20MHz	CP-256QAM	High	Inner_Full	17.27	17.37	33.00	PASS
N7	15kHz	30MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.52	23.62	33.00	PASS
N7	15kHz	30MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.56	23.66	33.00	PASS
N7	15kHz	30MHz	DFT-PI2BPSK	Low	Inner_Full	23.55	23.65	33.00	PASS
N7	15kHz	30MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.47	23.57	33.00	PASS
N7	15kHz	30MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.60	23.70	33.00	PASS
N7	15kHz	30MHz	DFT-PI2BPSK	Mid	Inner_Full	23.60	23.70	33.00	PASS
N7	15kHz	30MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.21	23.31	33.00	PASS
N7	15kHz	30MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.64	23.74	33.00	PASS
N7	15kHz	30MHz	DFT-PI2BPSK	High	Inner_Full	23.68	23.78	33.00	PASS
N7	15kHz	30MHz	DFT-QPSK	Low	Inner_1RB_Left	23.51	23.61	33.00	PASS
N7	15kHz	30MHz	DFT-QPSK	Low	Inner_1RB_Right	23.59	23.69	33.00	PASS
N7	15kHz	30MHz	DFT-QPSK	Low	Inner_Full	23.76	23.86	33.00	PASS
N7	15kHz	30MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.41	23.51	33.00	PASS
N7	15kHz	30MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.60	23.70	33.00	PASS
N7	15kHz	30MHz	DFT-QPSK	Mid	Inner_Full	23.55	23.65	33.00	PASS
N7	15kHz	30MHz	DFT-QPSK	High	Inner_1RB_Left	23.38	23.48	33.00	PASS
N7	15kHz	30MHz	DFT-QPSK	High	Inner_1RB_Right	23.66	23.76	33.00	PASS
N7	15kHz	30MHz	DFT-QPSK	High	Inner_Full	23.75	23.85	33.00	PASS
N7	15kHz	30MHz	DFT-16QAM	Low	Inner_1RB_Left	22.36	22.46	33.00	PASS
N7	15kHz	30MHz	DFT-16QAM	Low	Inner_1RB_Right	22.56	22.66	33.00	PASS
N7	15kHz	30MHz	DFT-16QAM	Low	Inner_Full	23.59	23.69	33.00	PASS
N7	15kHz	30MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.38	22.48	33.00	PASS
N7	15kHz	30MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.46	22.56	33.00	PASS
N7	15kHz	30MHz	DFT-16QAM	Mid	Inner_Full	23.59	23.69	33.00	PASS
N7	15kHz	30MHz	DFT-16QAM	High	Inner_1RB_Left	22.30	22.40	33.00	PASS
N7	15kHz	30MHz	DFT-16QAM	High	Inner_1RB_Right	22.37	22.47	33.00	PASS



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N7	15kHz	30MHz	DFT-16QAM	High	Inner_Full	23.62	23.72	33.00	PASS
N7	15kHz	30MHz	DFT-64QAM	Low	Inner_1RB_Left	20.64	20.74	33.00	PASS
N7	15kHz	30MHz	DFT-64QAM	Low	Inner_1RB_Right	20.81	20.91	33.00	PASS
N7	15kHz	30MHz	DFT-64QAM	Low	Inner_Full	21.37	21.47	33.00	PASS
N7	15kHz	30MHz	DFT-64QAM	Mid	Inner_1RB_Left	20.64	20.74	33.00	PASS
N7	15kHz	30MHz	DFT-64QAM	Mid	Inner_1RB_Right	20.67	20.77	33.00	PASS
N7	15kHz	30MHz	DFT-64QAM	Mid	Inner_Full	20.56	20.66	33.00	PASS
N7	15kHz	30MHz	DFT-64QAM	High	Inner_1RB_Left	20.60	20.70	33.00	PASS
N7	15kHz	30MHz	DFT-64QAM	High	Inner_1RB_Right	20.58	20.68	33.00	PASS
N7	15kHz	30MHz	DFT-64QAM	High	Inner_Full	23.19	23.29	33.00	PASS
N7	15kHz	30MHz	DFT-256QAM	Low	Inner_1RB_Left	18.92	19.02	33.00	PASS
N7	15kHz	30MHz	DFT-256QAM	Low	Inner_1RB_Right	19.03	19.13	33.00	PASS
N7	15kHz	30MHz	DFT-256QAM	Low	Inner_Full	20.93	21.03	33.00	PASS
N7	15kHz	30MHz	DFT-256QAM	Mid	Inner_1RB_Left	18.90	19.00	33.00	PASS
N7	15kHz	30MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.03	19.13	33.00	PASS
N7	15kHz	30MHz	DFT-256QAM	Mid	Inner_Full	20.76	20.86	33.00	PASS
N7	15kHz	30MHz	DFT-256QAM	High	Inner_1RB_Left	18.85	18.95	33.00	PASS
N7	15kHz	30MHz	DFT-256QAM	High	Inner_1RB_Right	19.11	19.21	33.00	PASS
N7	15kHz	30MHz	DFT-256QAM	High	Inner_Full	20.82	20.92	33.00	PASS
N7	15kHz	30MHz	CP-QPSK	Low	Inner_1RB_Left	22.23	22.33	33.00	PASS
N7	15kHz	30MHz	CP-QPSK	Low	Inner_1RB_Right	22.02	22.12	33.00	PASS
N7	15kHz	30MHz	CP-QPSK	Low	Inner_Full	22.24	22.34	33.00	PASS
N7	15kHz	30MHz	CP-QPSK	Mid	Inner_1RB_Left	22.05	22.15	33.00	PASS
N7	15kHz	30MHz	CP-QPSK	Mid	Inner_1RB_Right	21.94	22.04	33.00	PASS
N7	15kHz	30MHz	CP-QPSK	Mid	Inner_Full	22.02	22.12	33.00	PASS
N7	15kHz	30MHz	CP-QPSK	High	Inner_1RB_Left	22.24	22.34	33.00	PASS
N7	15kHz	30MHz	CP-QPSK	High	Inner_1RB_Right	21.83	21.93	33.00	PASS
N7	15kHz	30MHz	CP-QPSK	High	Inner_Full	22.26	22.36	33.00	PASS
N7	15kHz	30MHz	CP-16QAM	Low	Inner_1RB_Left	19.68	19.78	33.00	PASS
N7	15kHz	30MHz	CP-16QAM	Low	Inner_1RB_Right	21.62	21.72	33.00	PASS
N7	15kHz	30MHz	CP-16QAM	Low	Inner_Full	21.74	21.84	33.00	PASS
N7	15kHz	30MHz	CP-16QAM	Mid	Inner_1RB_Left	21.55	21.65	33.00	PASS
N7	15kHz	30MHz	CP-16QAM	Mid	Inner_1RB_Right	21.63	21.73	33.00	PASS
N7	15kHz	30MHz	CP-16QAM	Mid	Inner_Full	21.53	21.63	33.00	PASS
N7	15kHz	30MHz	CP-16QAM	High	Inner_1RB_Left	20.71	20.81	33.00	PASS
N7	15kHz	30MHz	CP-16QAM	High	Inner_1RB_Right	21.70	21.80	33.00	PASS
N7	15kHz	30MHz	CP-16QAM	High	Inner_Full	21.73	21.83	33.00	PASS
N7	15kHz	30MHz	CP-64QAM	Low	Inner_1RB_Left	19.69	19.79	33.00	PASS
N7	15kHz	30MHz	CP-64QAM	Low	Inner_1RB_Right	19.79	19.89	33.00	PASS
N7	15kHz	30MHz	CP-64QAM	Low	Inner_Full	20.36	20.46	33.00	PASS
N7	15kHz	30MHz	CP-64QAM	Mid	Inner_1RB_Left	19.70	19.80	33.00	PASS
N7	15kHz	30MHz	CP-64QAM	Mid	Inner_1RB_Right	19.75	19.85	33.00	PASS
N7	15kHz	30MHz	CP-64QAM	Mid	Inner_Full	20.15	20.25	33.00	PASS
N7	15kHz	30MHz	CP-64QAM	High	Inner_1RB_Left	19.66	19.76	33.00	PASS
N7	15kHz	30MHz	CP-64QAM	High	Inner_1RB_Right	19.73	19.83	33.00	PASS
N7	15kHz	30MHz	CP-64QAM	High	Inner_Full	20.35	20.45	33.00	PASS
N7	15kHz	30MHz	CP-256QAM	Low	Inner_1RB_Left	16.82	16.92	33.00	PASS
N7	15kHz	30MHz	CP-256QAM	Low	Inner_1RB_Right	17.03	17.13	33.00	PASS
N7	15kHz	30MHz	CP-256QAM	Low	Inner_Full	19.97	20.07	33.00	PASS
N7	15kHz	30MHz	CP-256QAM	Mid	Inner_1RB_Left	16.89	16.99	33.00	PASS
N7	15kHz	30MHz	CP-256QAM	Mid	Inner_1RB_Right	16.93	17.03	33.00	PASS



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N7	15kHz	30MHz	CP-256QAM	Mid	Inner_Full	19.91	20.01	33.00	PASS
N7	15kHz	30MHz	CP-256QAM	High	Inner_1RB_Left	16.81	16.91	33.00	PASS
N7	15kHz	30MHz	CP-256QAM	High	Inner_1RB_Right	17.03	17.13	33.00	PASS
N7	15kHz	30MHz	CP-256QAM	High	Inner_Full	17.30	17.40	33.00	PASS
N7	15kHz	40MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.41	23.51	33.00	PASS
N7	15kHz	40MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.41	23.51	33.00	PASS
N7	15kHz	40MHz	DFT-PI2BPSK	Low	Inner_Full	23.40	23.50	33.00	PASS
N7	15kHz	40MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.32	23.42	33.00	PASS
N7	15kHz	40MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.52	23.62	33.00	PASS
N7	15kHz	40MHz	DFT-PI2BPSK	Mid	Inner_Full	23.48	23.58	33.00	PASS
N7	15kHz	40MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.36	23.46	33.00	PASS
N7	15kHz	40MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.55	23.65	33.00	PASS
N7	15kHz	40MHz	DFT-PI2BPSK	High	Inner_Full	23.58	23.68	33.00	PASS
N7	15kHz	40MHz	DFT-QPSK	Low	Inner_1RB_Left	23.37	23.47	33.00	PASS
N7	15kHz	40MHz	DFT-QPSK	Low	Inner_1RB_Right	23.42	23.52	33.00	PASS
N7	15kHz	40MHz	DFT-QPSK	Low	Inner_Full	23.74	23.84	33.00	PASS
N7	15kHz	40MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.27	23.37	33.00	PASS
N7	15kHz	40MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.50	23.60	33.00	PASS
N7	15kHz	40MHz	DFT-QPSK	Mid	Inner_Full	23.53	23.63	33.00	PASS
N7	15kHz	40MHz	DFT-QPSK	High	Inner_1RB_Left	23.32	23.42	33.00	PASS
N7	15kHz	40MHz	DFT-QPSK	High	Inner_1RB_Right	23.57	23.67	33.00	PASS
N7	15kHz	40MHz	DFT-QPSK	High	Inner_Full	23.80	23.90	33.00	PASS
N7	15kHz	40MHz	DFT-16QAM	Low	Inner_1RB_Left	22.31	22.41	33.00	PASS
N7	15kHz	40MHz	DFT-16QAM	Low	Inner_1RB_Right	22.37	22.47	33.00	PASS
N7	15kHz	40MHz	DFT-16QAM	Low	Inner_Full	23.41	23.51	33.00	PASS
N7	15kHz	40MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.35	22.45	33.00	PASS
N7	15kHz	40MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.44	22.54	33.00	PASS
N7	15kHz	40MHz	DFT-16QAM	Mid	Inner_Full	23.47	23.57	33.00	PASS
N7	15kHz	40MHz	DFT-16QAM	High	Inner_1RB_Left	22.38	22.48	33.00	PASS
N7	15kHz	40MHz	DFT-16QAM	High	Inner_1RB_Right	22.42	22.52	33.00	PASS
N7	15kHz	40MHz	DFT-16QAM	High	Inner_Full	23.55	23.65	33.00	PASS
N7	15kHz	40MHz	DFT-64QAM	Low	Inner_1RB_Left	20.58	20.68	33.00	PASS
N7	15kHz	40MHz	DFT-64QAM	Low	Inner_1RB_Right	20.63	20.73	33.00	PASS
N7	15kHz	40MHz	DFT-64QAM	Low	Inner_Full	21.37	21.47	33.00	PASS
N7	15kHz	40MHz	DFT-64QAM	Mid	Inner_1RB_Left	20.51	20.61	33.00	PASS
N7	15kHz	40MHz	DFT-64QAM	Mid	Inner_1RB_Right	20.62	20.72	33.00	PASS
N7	15kHz	40MHz	DFT-64QAM	Mid	Inner_Full	21.16	21.26	33.00	PASS
N7	15kHz	40MHz	DFT-64QAM	High	Inner_1RB_Left	20.59	20.69	33.00	PASS
N7	15kHz	40MHz	DFT-64QAM	High	Inner_1RB_Right	20.62	20.72	33.00	PASS
N7	15kHz	40MHz	DFT-64QAM	High	Inner_Full	21.33	21.43	33.00	PASS
N7	15kHz	40MHz	DFT-256QAM	Low	Inner_1RB_Left	18.84	18.94	33.00	PASS
N7	15kHz	40MHz	DFT-256QAM	Low	Inner_1RB_Right	18.87	18.97	33.00	PASS
N7	15kHz	40MHz	DFT-256QAM	Low	Inner_Full	20.75	20.85	33.00	PASS
N7	15kHz	40MHz	DFT-256QAM	Mid	Inner_1RB_Left	18.80	18.90	33.00	PASS
N7	15kHz	40MHz	DFT-256QAM	Mid	Inner_1RB_Right	18.94	19.04	33.00	PASS
N7	15kHz	40MHz	DFT-256QAM	Mid	Inner_Full	20.73	20.83	33.00	PASS
N7	15kHz	40MHz	DFT-256QAM	High	Inner_1RB_Left	18.81	18.91	33.00	PASS
N7	15kHz	40MHz	DFT-256QAM	High	Inner_1RB_Right	19.01	19.11	33.00	PASS
N7	15kHz	40MHz	DFT-256QAM	High	Inner_Full	20.75	20.85	33.00	PASS
N7	15kHz	40MHz	CP-QPSK	Low	Inner_1RB_Left	22.23	22.33	33.00	PASS
N7	15kHz	40MHz	CP-QPSK	Low	Inner_1RB_Right	21.84	21.94	33.00	PASS



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N7	15kHz	40MHz	CP-QPSK	Low	Inner_Full	22.25	22.35	33.00	PASS
N7	15kHz	40MHz	CP-QPSK	Mid	Inner_1RB_Left	22.01	22.11	33.00	PASS
N7	15kHz	40MHz	CP-QPSK	Mid	Inner_1RB_Right	21.89	21.99	33.00	PASS
N7	15kHz	40MHz	CP-QPSK	Mid	Inner_Full	22.03	22.13	33.00	PASS
N7	15kHz	40MHz	CP-QPSK	High	Inner_1RB_Left	22.29	22.39	33.00	PASS
N7	15kHz	40MHz	CP-QPSK	High	Inner_1RB_Right	21.86	21.96	33.00	PASS
N7	15kHz	40MHz	CP-QPSK	High	Inner_Full	22.30	22.40	33.00	PASS
N7	15kHz	40MHz	CP-16QAM	Low	Inner_1RB_Left	19.61	19.71	33.00	PASS
N7	15kHz	40MHz	CP-16QAM	Low	Inner_1RB_Right	21.47	21.57	33.00	PASS
N7	15kHz	40MHz	CP-16QAM	Low	Inner_Full	21.76	21.86	33.00	PASS
N7	15kHz	40MHz	CP-16QAM	Mid	Inner_1RB_Left	20.07	20.17	33.00	PASS
N7	15kHz	40MHz	CP-16QAM	Mid	Inner_1RB_Right	21.58	21.68	33.00	PASS
N7	15kHz	40MHz	CP-16QAM	Mid	Inner_Full	21.54	21.64	33.00	PASS
N7	15kHz	40MHz	CP-16QAM	High	Inner_1RB_Left	21.41	21.51	33.00	PASS
N7	15kHz	40MHz	CP-16QAM	High	Inner_1RB_Right	21.67	21.77	33.00	PASS
N7	15kHz	40MHz	CP-16QAM	High	Inner_Full	21.84	21.94	33.00	PASS
N7	15kHz	40MHz	CP-64QAM	Low	Inner_1RB_Left	19.61	19.71	33.00	PASS
N7	15kHz	40MHz	CP-64QAM	Low	Inner_1RB_Right	19.67	19.77	33.00	PASS
N7	15kHz	40MHz	CP-64QAM	Low	Inner_Full	20.37	20.47	33.00	PASS
N7	15kHz	40MHz	CP-64QAM	Mid	Inner_1RB_Left	19.60	19.70	33.00	PASS
N7	15kHz	40MHz	CP-64QAM	Mid	Inner_1RB_Right	19.72	19.82	33.00	PASS
N7	15kHz	40MHz	CP-64QAM	Mid	Inner_Full	20.16	20.26	33.00	PASS
N7	15kHz	40MHz	CP-64QAM	High	Inner_1RB_Left	20.26	20.36	33.00	PASS
N7	15kHz	40MHz	CP-64QAM	High	Inner_1RB_Right	19.74	19.84	33.00	PASS
N7	15kHz	40MHz	CP-64QAM	High	Inner_Full	20.41	20.51	33.00	PASS
N7	15kHz	40MHz	CP-256QAM	Low	Inner_1RB_Left	19.88	19.98	33.00	PASS
N7	15kHz	40MHz	CP-256QAM	Low	Inner_1RB_Right	16.81	16.91	33.00	PASS
N7	15kHz	40MHz	CP-256QAM	Low	Inner_Full	19.80	19.90	33.00	PASS
N7	15kHz	40MHz	CP-256QAM	Mid	Inner_1RB_Left	16.79	16.89	33.00	PASS
N7	15kHz	40MHz	CP-256QAM	Mid	Inner_1RB_Right	16.87	16.97	33.00	PASS
N7	15kHz	40MHz	CP-256QAM	Mid	Inner_Full	19.80	19.90	33.00	PASS
N7	15kHz	40MHz	CP-256QAM	High	Inner_1RB_Left	20.44	20.54	33.00	PASS
N7	15kHz	40MHz	CP-256QAM	High	Inner_1RB_Right	16.96	17.06	33.00	PASS
N7	15kHz	40MHz	CP-256QAM	High	Inner_Full	17.38	17.48	33.00	PASS
N7	15kHz	50MHz	DFT-P12BPSK	Low	Inner_1RB_Left	23.41	23.51	33.00	PASS
N7	15kHz	50MHz	DFT-P12BPSK	Low	Inner_1RB_Right	23.88	23.98	33.00	PASS
N7	15kHz	50MHz	DFT-P12BPSK	Low	Inner_Full	23.84	23.94	33.00	PASS
N7	15kHz	50MHz	DFT-P12BPSK	Mid	Inner_1RB_Left	23.60	23.70	33.00	PASS
N7	15kHz	50MHz	DFT-P12BPSK	Mid	Inner_1RB_Right	23.85	23.95	33.00	PASS
N7	15kHz	50MHz	DFT-P12BPSK	Mid	Inner_Full	23.81	23.91	33.00	PASS
N7	15kHz	50MHz	DFT-P12BPSK	High	Inner_1RB_Left	23.72	23.82	33.00	PASS
N7	15kHz	50MHz	DFT-P12BPSK	High	Inner_1RB_Right	23.69	23.79	33.00	PASS
N7	15kHz	50MHz	DFT-P12BPSK	High	Inner_Full	23.85	23.95	33.00	PASS
N7	15kHz	50MHz	DFT-QPSK	Low	Inner_1RB_Left	23.59	23.69	33.00	PASS
N7	15kHz	50MHz	DFT-QPSK	Low	Inner_1RB_Right	23.87	23.97	33.00	PASS
N7	15kHz	50MHz	DFT-QPSK	Low	Inner_Full	23.59	23.69	33.00	PASS
N7	15kHz	50MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.59	23.69	33.00	PASS
N7	15kHz	50MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.81	23.91	33.00	PASS
N7	15kHz	50MHz	DFT-QPSK	Mid	Inner_Full	23.56	23.66	33.00	PASS
N7	15kHz	50MHz	DFT-QPSK	High	Inner_1RB_Left	23.70	23.80	33.00	PASS
N7	15kHz	50MHz	DFT-QPSK	High	Inner_1RB_Right	23.80	23.90	33.00	PASS



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N7	15kHz	50MHz	DFT-QPSK	High	Inner_Full	23.69	23.79	33.00	PASS
N7	15kHz	50MHz	DFT-16QAM	Low	Inner_1RB_Left	22.51	22.61	33.00	PASS
N7	15kHz	50MHz	DFT-16QAM	Low	Inner_1RB_Right	22.71	22.81	33.00	PASS
N7	15kHz	50MHz	DFT-16QAM	Low	Inner_Full	23.85	23.95	33.00	PASS
N7	15kHz	50MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.53	22.63	33.00	PASS
N7	15kHz	50MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.70	22.80	33.00	PASS
N7	15kHz	50MHz	DFT-16QAM	Mid	Inner_Full	23.79	23.89	33.00	PASS
N7	15kHz	50MHz	DFT-16QAM	High	Inner_1RB_Left	22.68	22.78	33.00	PASS
N7	15kHz	50MHz	DFT-16QAM	High	Inner_1RB_Right	22.65	22.75	33.00	PASS
N7	15kHz	50MHz	DFT-16QAM	High	Inner_Full	23.75	23.85	33.00	PASS
N7	15kHz	50MHz	DFT-64QAM	Low	Inner_1RB_Left	20.79	20.89	33.00	PASS
N7	15kHz	50MHz	DFT-64QAM	Low	Inner_1RB_Right	20.85	20.95	33.00	PASS
N7	15kHz	50MHz	DFT-64QAM	Low	Inner_Full	23.33	23.43	33.00	PASS
N7	15kHz	50MHz	DFT-64QAM	Mid	Inner_1RB_Left	20.82	20.92	33.00	PASS
N7	15kHz	50MHz	DFT-64QAM	Mid	Inner_1RB_Right	20.82	20.92	33.00	PASS
N7	15kHz	50MHz	DFT-64QAM	Mid	Inner_Full	21.24	21.34	33.00	PASS
N7	15kHz	50MHz	DFT-64QAM	High	Inner_1RB_Left	20.98	21.08	33.00	PASS
N7	15kHz	50MHz	DFT-64QAM	High	Inner_1RB_Right	20.76	20.86	33.00	PASS
N7	15kHz	50MHz	DFT-64QAM	High	Inner_Full	21.27	21.37	33.00	PASS
N7	15kHz	50MHz	DFT-256QAM	Low	Inner_1RB_Left	19.10	19.20	33.00	PASS
N7	15kHz	50MHz	DFT-256QAM	Low	Inner_1RB_Right	19.30	19.40	33.00	PASS
N7	15kHz	50MHz	DFT-256QAM	Low	Inner_Full	21.00	21.10	33.00	PASS
N7	15kHz	50MHz	DFT-256QAM	Mid	Inner_1RB_Left	19.12	19.22	33.00	PASS
N7	15kHz	50MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.30	19.40	33.00	PASS
N7	15kHz	50MHz	DFT-256QAM	Mid	Inner_Full	20.97	21.07	33.00	PASS
N7	15kHz	50MHz	DFT-256QAM	High	Inner_1RB_Left	19.25	19.35	33.00	PASS
N7	15kHz	50MHz	DFT-256QAM	High	Inner_1RB_Right	19.29	19.39	33.00	PASS
N7	15kHz	50MHz	DFT-256QAM	High	Inner_Full	21.02	21.12	33.00	PASS
N7	15kHz	50MHz	CP-QPSK	Low	Inner_1RB_Left	22.12	22.22	33.00	PASS
N7	15kHz	50MHz	CP-QPSK	Low	Inner_1RB_Right	22.15	22.25	33.00	PASS
N7	15kHz	50MHz	CP-QPSK	Low	Inner_Full	22.11	22.21	33.00	PASS
N7	15kHz	50MHz	CP-QPSK	Mid	Inner_1RB_Left	22.08	22.18	33.00	PASS
N7	15kHz	50MHz	CP-QPSK	Mid	Inner_1RB_Right	22.11	22.21	33.00	PASS
N7	15kHz	50MHz	CP-QPSK	Mid	Inner_Full	22.08	22.18	33.00	PASS
N7	15kHz	50MHz	CP-QPSK	High	Inner_1RB_Left	22.21	22.31	33.00	PASS
N7	15kHz	50MHz	CP-QPSK	High	Inner_1RB_Right	22.02	22.12	33.00	PASS
N7	15kHz	50MHz	CP-QPSK	High	Inner_Full	22.20	22.30	33.00	PASS
N7	15kHz	50MHz	CP-16QAM	Low	Inner_1RB_Left	20.65	20.75	33.00	PASS
N7	15kHz	50MHz	CP-16QAM	Low	Inner_1RB_Right	21.89	21.99	33.00	PASS
N7	15kHz	50MHz	CP-16QAM	Low	Inner_Full	21.59	21.69	33.00	PASS
N7	15kHz	50MHz	CP-16QAM	Mid	Inner_1RB_Left	20.16	20.26	33.00	PASS
N7	15kHz	50MHz	CP-16QAM	Mid	Inner_1RB_Right	21.77	21.87	33.00	PASS
N7	15kHz	50MHz	CP-16QAM	Mid	Inner_Full	21.60	21.70	33.00	PASS
N7	15kHz	50MHz	CP-16QAM	High	Inner_1RB_Left	20.02	20.12	33.00	PASS
N7	15kHz	50MHz	CP-16QAM	High	Inner_1RB_Right	21.90	22.00	33.00	PASS
N7	15kHz	50MHz	CP-16QAM	High	Inner_Full	21.71	21.81	33.00	PASS
N7	15kHz	50MHz	CP-64QAM	Low	Inner_1RB_Left	19.85	19.95	33.00	PASS
N7	15kHz	50MHz	CP-64QAM	Low	Inner_1RB_Right	20.13	20.23	33.00	PASS
N7	15kHz	50MHz	CP-64QAM	Low	Inner_Full	20.24	20.34	33.00	PASS
N7	15kHz	50MHz	CP-64QAM	Mid	Inner_1RB_Left	19.88	19.98	33.00	PASS
N7	15kHz	50MHz	CP-64QAM	Mid	Inner_1RB_Right	20.09	20.19	33.00	PASS



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N7	15kHz	50MHz	CP-64QAM	Mid	Inner_Full	20.22	20.32	33.00	PASS
N7	15kHz	50MHz	CP-64QAM	High	Inner_1RB_Left	20.03	20.13	33.00	PASS
N7	15kHz	50MHz	CP-64QAM	High	Inner_1RB_Right	20.00	20.10	33.00	PASS
N7	15kHz	50MHz	CP-64QAM	High	Inner_Full	20.35	20.45	33.00	PASS
N7	15kHz	50MHz	CP-256QAM	Low	Inner_1RB_Left	17.06	17.16	33.00	PASS
N7	15kHz	50MHz	CP-256QAM	Low	Inner_1RB_Right	17.40	17.50	33.00	PASS
N7	15kHz	50MHz	CP-256QAM	Low	Inner_Full	17.19	17.29	33.00	PASS
N7	15kHz	50MHz	CP-256QAM	Mid	Inner_1RB_Left	17.10	17.20	33.00	PASS
N7	15kHz	50MHz	CP-256QAM	Mid	Inner_1RB_Right	17.35	17.45	33.00	PASS
N7	15kHz	50MHz	CP-256QAM	Mid	Inner_Full	20.23	20.33	33.00	PASS
N7	15kHz	50MHz	CP-256QAM	High	Inner_1RB_Left	17.16	17.26	33.00	PASS
N7	15kHz	50MHz	CP-256QAM	High	Inner_1RB_Right	12.10	12.20	33.00	PASS
N7	15kHz	50MHz	CP-256QAM	High	Inner_Full	20.07	20.17	33.00	PASS

**Note:**

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

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

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



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

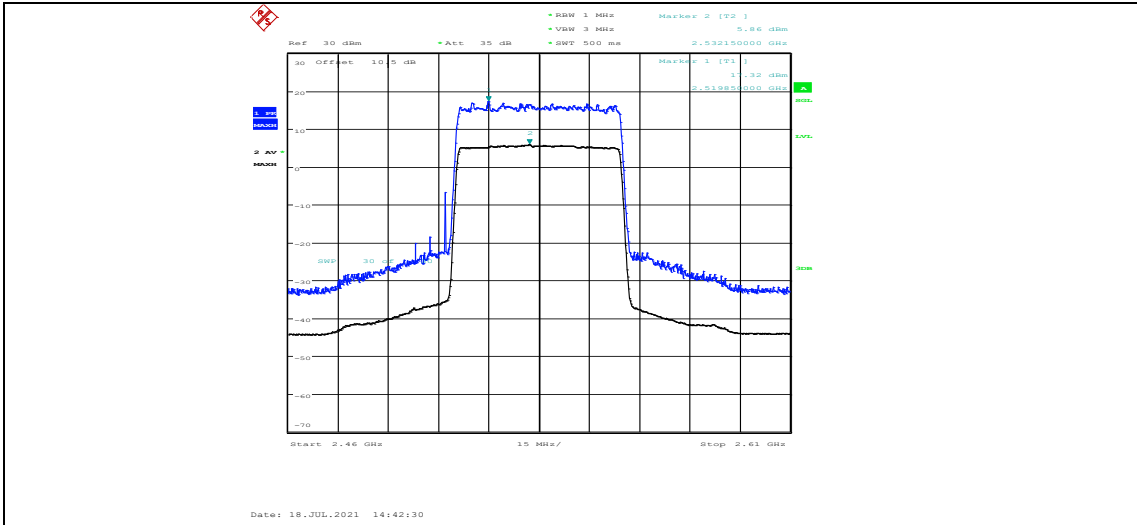
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N7	15kHz	50MHz	DFT-PI2BPSK	Mid	Outer_Full	11.46	≤13	PASS
N7	15kHz	50MHz	CP-QPSK	Mid	Outer_Full	12.21	≤13	PASS



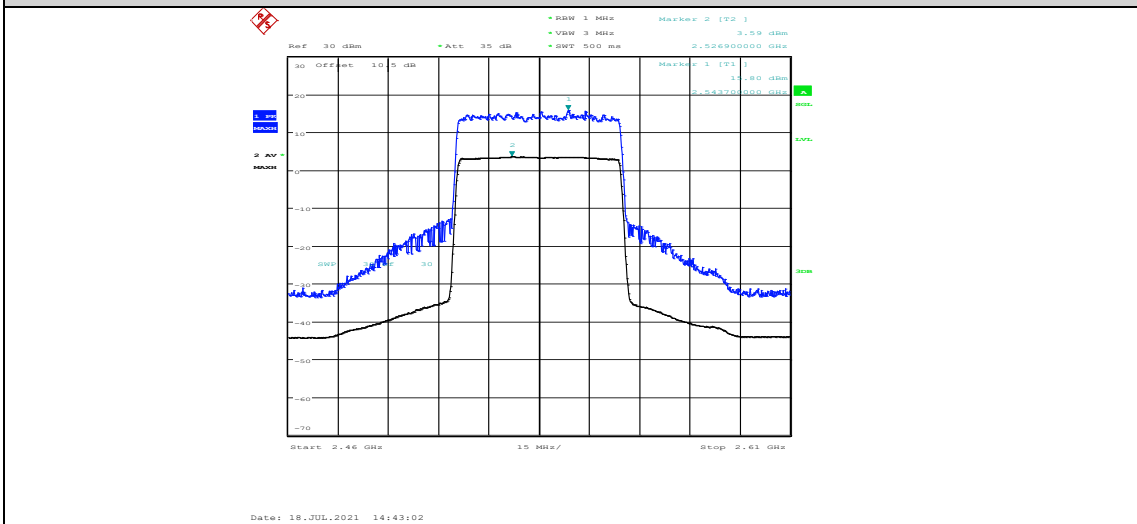
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**Test Graphs**



**NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-Mid-Outer\_Full-----≤13-PASS**



**NTNV-N7-15kHz-50MHz-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
N7	15kHz	5MHz	DFT-P12BPSK	Mid	Outer_Full	4.47	4.800	PASS
N7	15kHz	5MHz	DFT-QPSK	Mid	Outer_Full	4.45	4.830	PASS
N7	15kHz	5MHz	DFT-16QAM	Mid	Outer_Full	4.48	4.770	PASS
N7	15kHz	5MHz	DFT-64QAM	Mid	Outer_Full	4.44	4.750	PASS
N7	15kHz	5MHz	DFT-256QAM	Mid	Outer_Full	4.45	4.780	PASS
N7	15kHz	5MHz	CP-QPSK	Mid	Outer_Full	4.46	4.780	PASS
N7	15kHz	5MHz	CP-16QAM	Mid	Outer_Full	4.47	4.740	PASS
N7	15kHz	5MHz	CP-64QAM	Mid	Outer_Full	4.47	4.860	PASS
N7	15kHz	5MHz	CP-256QAM	Mid	Outer_Full	4.46	4.770	PASS
N7	15kHz	10MHz	DFT-P12BPSK	Mid	Outer_Full	8.96	9.400	PASS
N7	15kHz	10MHz	DFT-QPSK	Mid	Outer_Full	8.96	9.400	PASS
N7	15kHz	10MHz	DFT-16QAM	Mid	Outer_Full	8.94	9.340	PASS
N7	15kHz	10MHz	DFT-64QAM	Mid	Outer_Full	8.96	9.420	PASS
N7	15kHz	10MHz	DFT-256QAM	Mid	Outer_Full	8.96	9.340	PASS
N7	15kHz	10MHz	CP-QPSK	Mid	Outer_Full	9.28	9.900	PASS
N7	15kHz	10MHz	CP-16QAM	Mid	Outer_Full	9.3	9.660	PASS
N7	15kHz	10MHz	CP-64QAM	Mid	Outer_Full	9.3	9.780	PASS
N7	15kHz	10MHz	CP-256QAM	Mid	Outer_Full	9.3	9.780	PASS
N7	15kHz	15MHz	DFT-P12BPSK	Mid	Outer_Full	13.44	14.160	PASS
N7	15kHz	15MHz	DFT-QPSK	Mid	Outer_Full	13.44	14.160	PASS
N7	15kHz	15MHz	DFT-16QAM	Mid	Outer_Full	13.41	14.070	PASS
N7	15kHz	15MHz	DFT-64QAM	Mid	Outer_Full	13.44	14.130	PASS
N7	15kHz	15MHz	DFT-256QAM	Mid	Outer_Full	13.47	14.130	PASS
N7	15kHz	15MHz	CP-QPSK	Mid	Outer_Full	14.13	14.880	PASS
N7	15kHz	15MHz	CP-16QAM	Mid	Outer_Full	14.16	14.850	PASS
N7	15kHz	15MHz	CP-64QAM	Mid	Outer_Full	14.19	14.820	PASS
N7	15kHz	15MHz	CP-256QAM	Mid	Outer_Full	14.19	14.850	PASS
N7	15kHz	20MHz	DFT-P12BPSK	Mid	Outer_Full	17.88	18.680	PASS
N7	15kHz	20MHz	DFT-QPSK	Mid	Outer_Full	17.92	18.680	PASS
N7	15kHz	20MHz	DFT-16QAM	Mid	Outer_Full	17.92	18.680	PASS



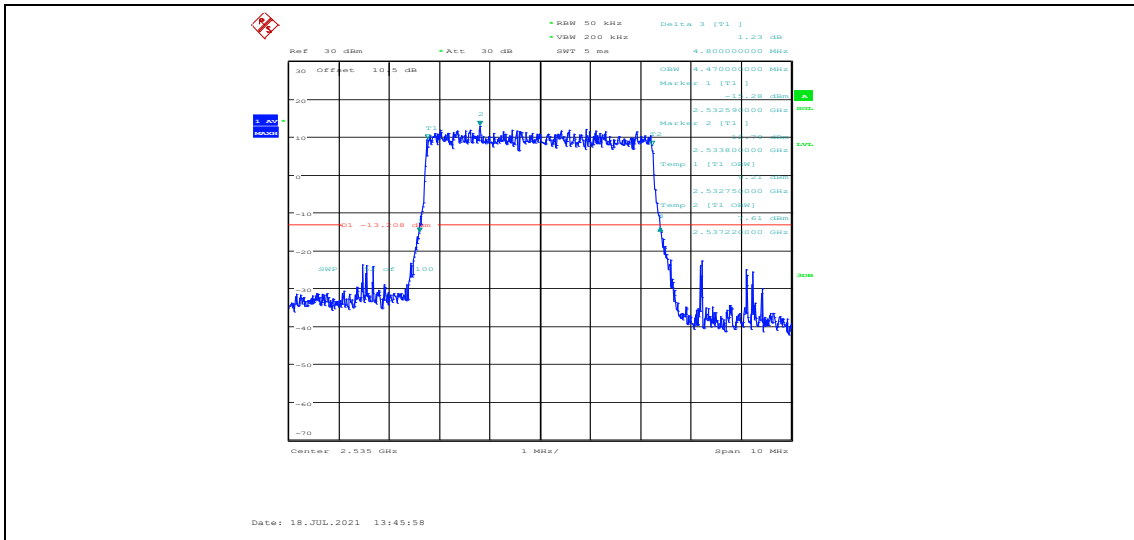


N7	15kHz	20MHz	DFT-64QAM	Mid	Outer_Full	17.92	18.760	PASS
N7	15kHz	20MHz	DFT-256QAM	Mid	Outer_Full	17.88	18.800	PASS
N7	15kHz	20MHz	CP-QPSK	Mid	Outer_Full	18.96	19.760	PASS
N7	15kHz	20MHz	CP-16QAM	Mid	Outer_Full	19	19.720	PASS
N7	15kHz	20MHz	CP-64QAM	Mid	Outer_Full	19	19.840	PASS
N7	15kHz	20MHz	CP-256QAM	Mid	Outer_Full	19	19.680	PASS
N7	15kHz	30MHz	DFT-P12BPSK	Mid	Outer_Full	28.62	29.760	PASS
N7	15kHz	30MHz	DFT-QPSK	Mid	Outer_Full	28.68	29.760	PASS
N7	15kHz	30MHz	DFT-16QAM	Mid	Outer_Full	28.56	29.760	PASS
N7	15kHz	30MHz	DFT-64QAM	Mid	Outer_Full	28.68	29.820	PASS
N7	15kHz	30MHz	DFT-256QAM	Mid	Outer_Full	28.62	29.760	PASS
N7	15kHz	30MHz	CP-QPSK	Mid	Outer_Full	28.68	29.760	PASS
N7	15kHz	30MHz	CP-16QAM	Mid	Outer_Full	28.68	29.700	PASS
N7	15kHz	30MHz	CP-64QAM	Mid	Outer_Full	28.62	29.760	PASS
N7	15kHz	30MHz	CP-256QAM	Mid	Outer_Full	28.56	29.880	PASS
N7	15kHz	40MHz	DFT-P12BPSK	Mid	Outer_Full	38.72	40.480	PASS
N7	15kHz	40MHz	DFT-QPSK	Mid	Outer_Full	38.72	40.480	PASS
N7	15kHz	40MHz	DFT-16QAM	Mid	Outer_Full	38.72	40.400	PASS
N7	15kHz	40MHz	DFT-64QAM	Mid	Outer_Full	38.72	40.400	PASS
N7	15kHz	40MHz	DFT-256QAM	Mid	Outer_Full	38.72	40.320	PASS
N7	15kHz	40MHz	CP-QPSK	Mid	Outer_Full	38.72	40.480	PASS
N7	15kHz	40MHz	CP-16QAM	Mid	Outer_Full	38.64	40.400	PASS
N7	15kHz	40MHz	CP-64QAM	Mid	Outer_Full	38.72	40.480	PASS
N7	15kHz	40MHz	CP-256QAM	Mid	Outer_Full	38.8	40.480	PASS
N7	15kHz	50MHz	DFT-P12BPSK	Mid	Outer_Full	48.3	50.200	PASS
N7	15kHz	50MHz	DFT-QPSK	Mid	Outer_Full	48.4	50.200	PASS
N7	15kHz	50MHz	DFT-16QAM	Mid	Outer_Full	48.3	50.200	PASS
N7	15kHz	50MHz	DFT-64QAM	Mid	Outer_Full	48.4	50.300	PASS
N7	15kHz	50MHz	DFT-256QAM	Mid	Outer_Full	48.3	50.300	PASS
N7	15kHz	50MHz	CP-QPSK	Mid	Outer_Full	48.3	50.200	PASS
N7	15kHz	50MHz	CP-16QAM	Mid	Outer_Full	48.3	50.300	PASS
N7	15kHz	50MHz	CP-64QAM	Mid	Outer_Full	48.2	50.100	PASS
N7	15kHz	50MHz	CP-256QAM	Mid	Outer_Full	48.3	50.200	PASS

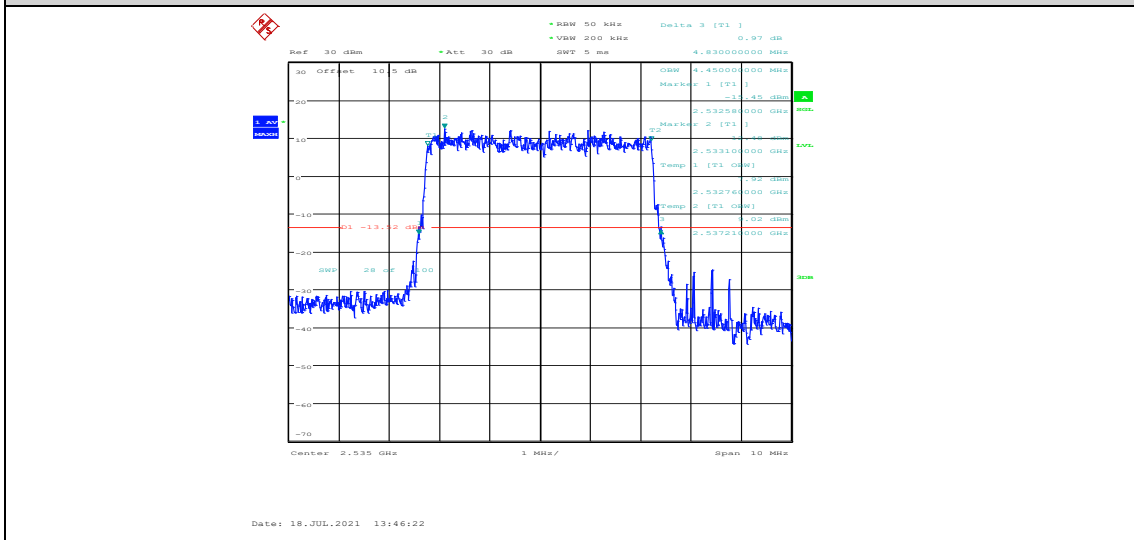


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**Test Graphs**



**NTNV-N7-15kHz-5MHz-DFT-PI2BPSK-Mid-Outer\_Full---PASS**

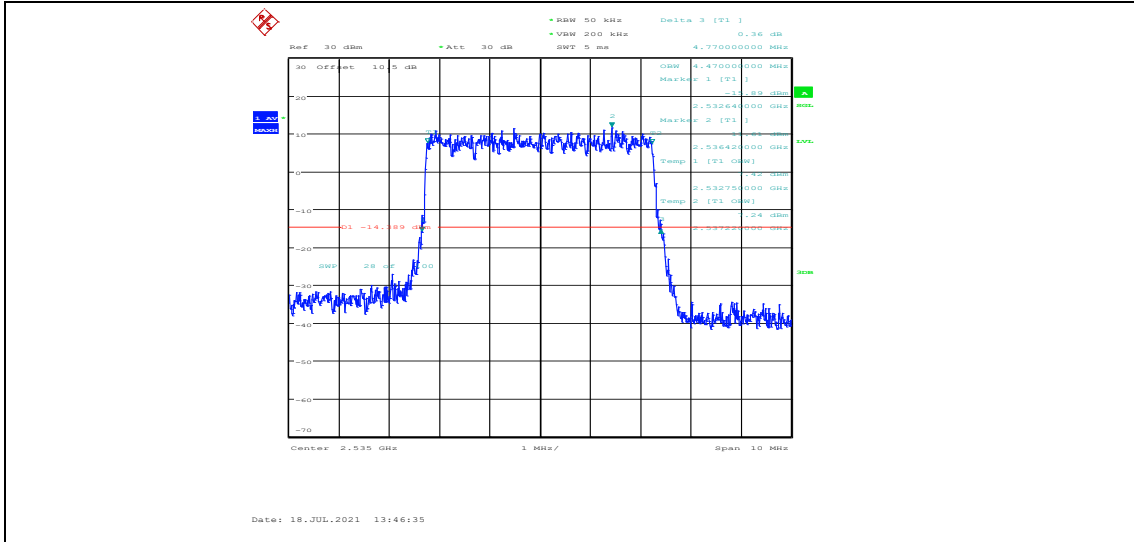


**NTNV-N7-15kHz-5MHz-DFT-QPSK-Mid-Outer\_Full---PASS**

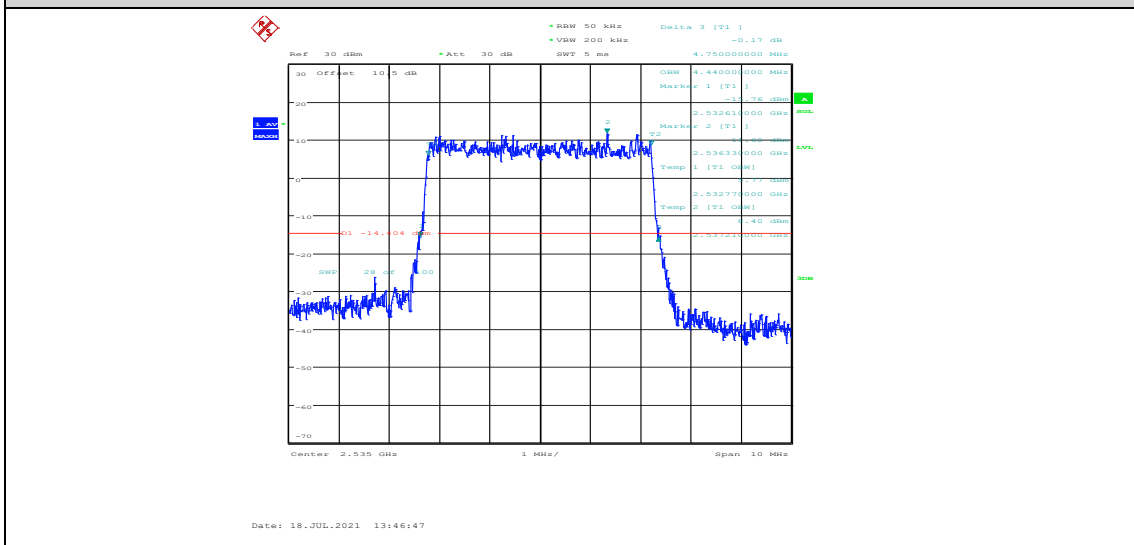


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**NTNV-N7-15kHz-5MHz-DFT-16QAM-Mid-Outer\_Full---PASS**

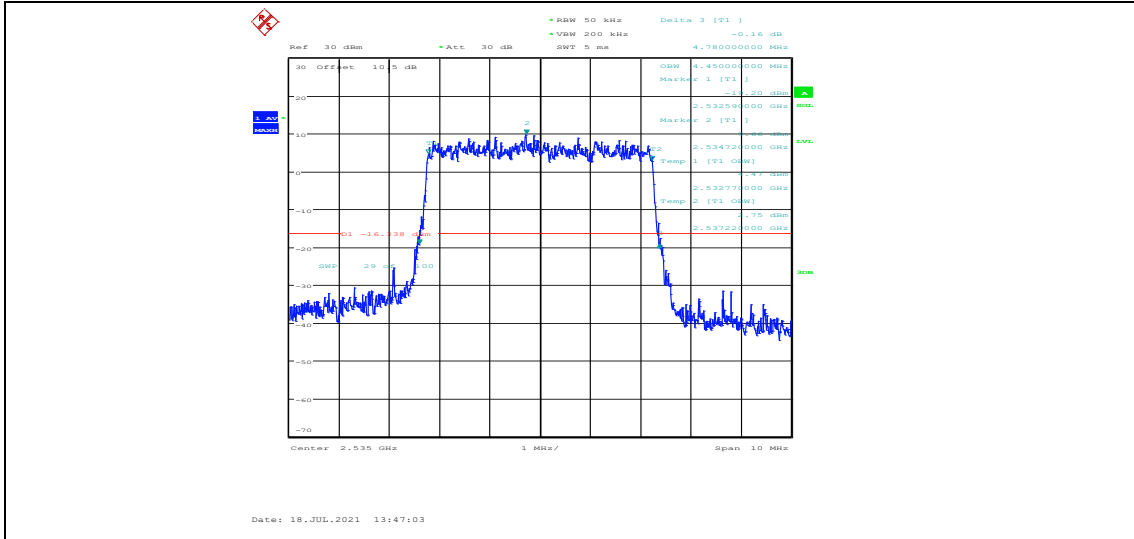


**NTNV-N7-15kHz-5MHz-DFT-64QAM-Mid-Outer\_Full---PASS**

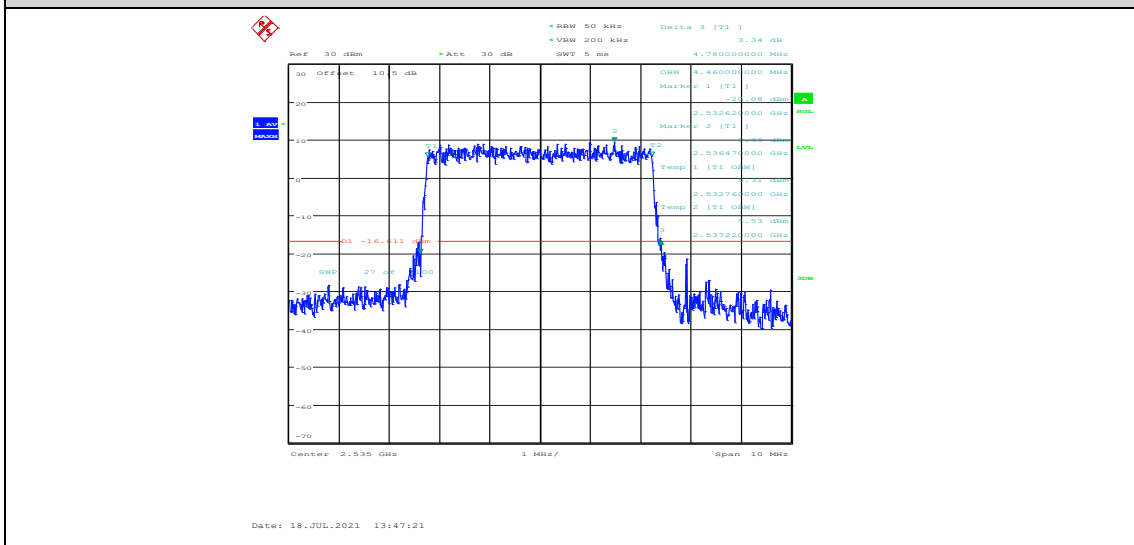


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**NTNV-N7-15kHz-5MHz-DFT-256QAM-Mid-Outer\_Full---PASS**

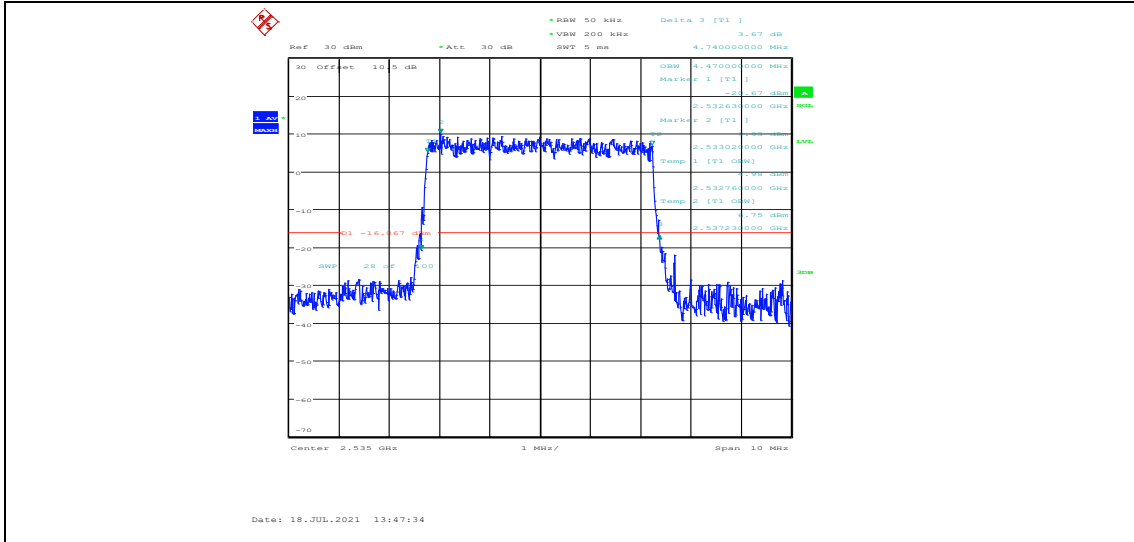


**NTNV-N7-15kHz-5MHz-CP-QPSK-Mid-Outer\_Full---PASS**

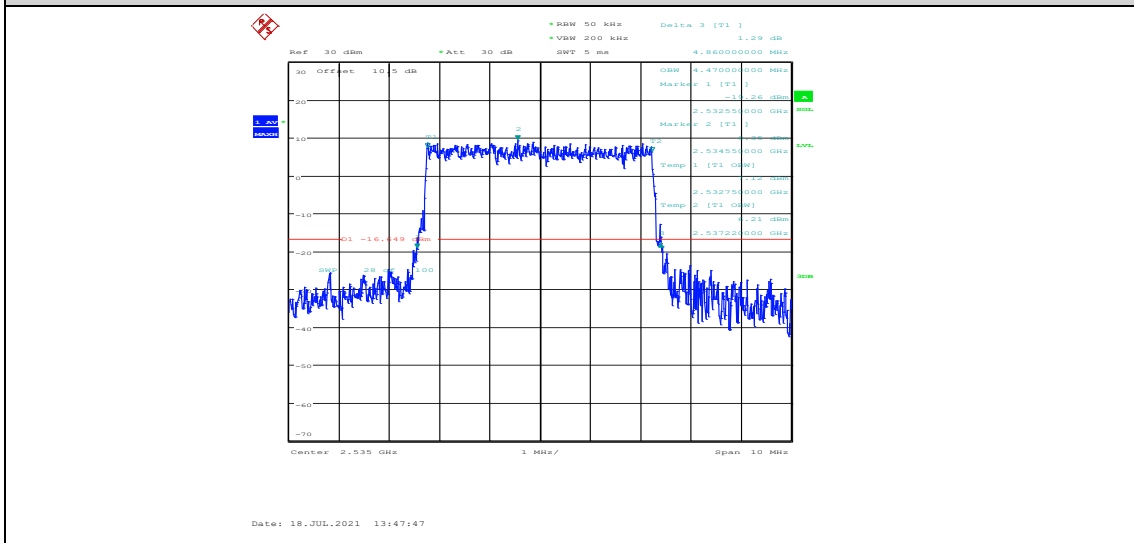


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**NTNV-N7-15kHz-5MHz-CP-16QAM-Mid-Outer\_Full---PASS**

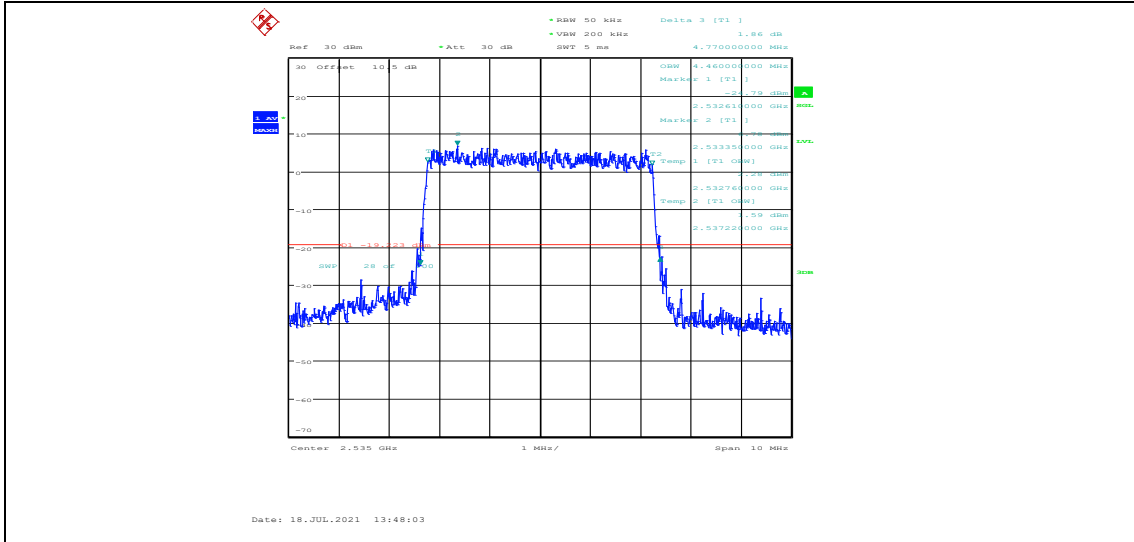


**NTNV-N7-15kHz-5MHz-CP-64QAM-Mid-Outer\_Full---PASS**

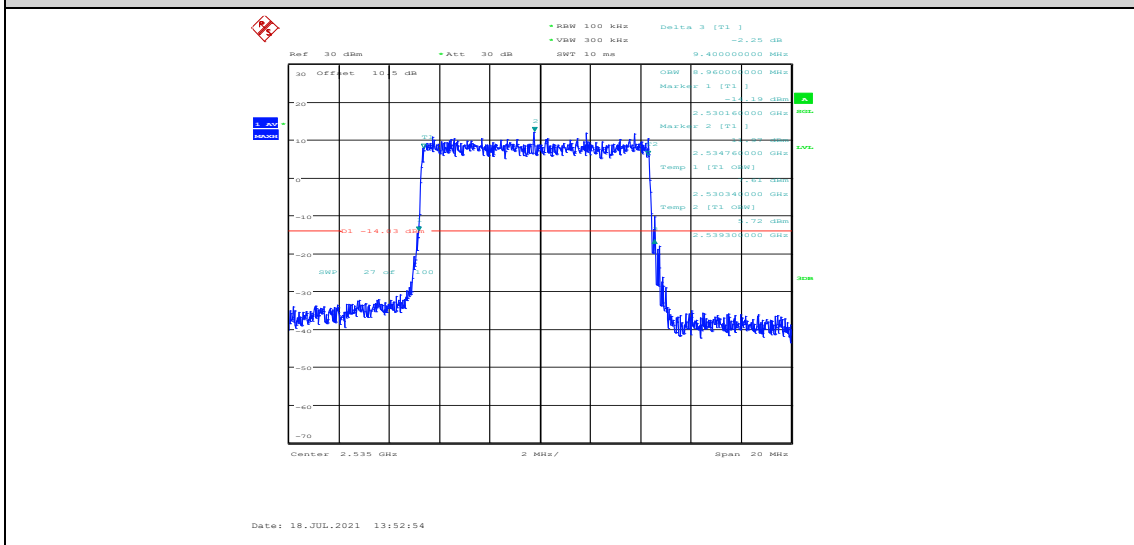


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**NTNV-N7-15kHz-5MHz-CP-256QAM-Mid-Outer\_Full---PASS**

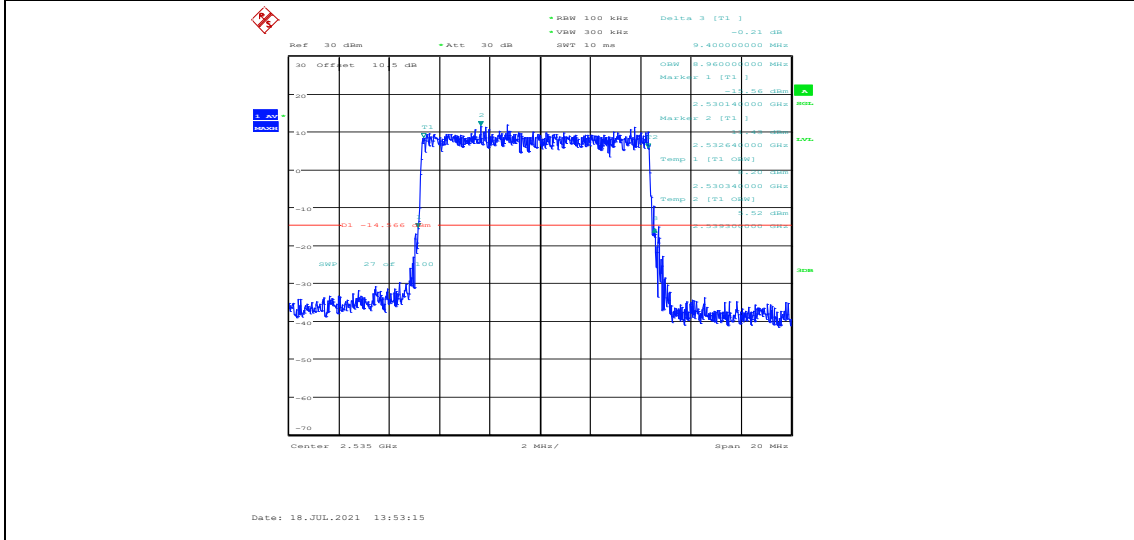


**NTNV-N7-15kHz-10MHz-DFT-PI2BPSK-Mid-Outer\_Full---PASS**

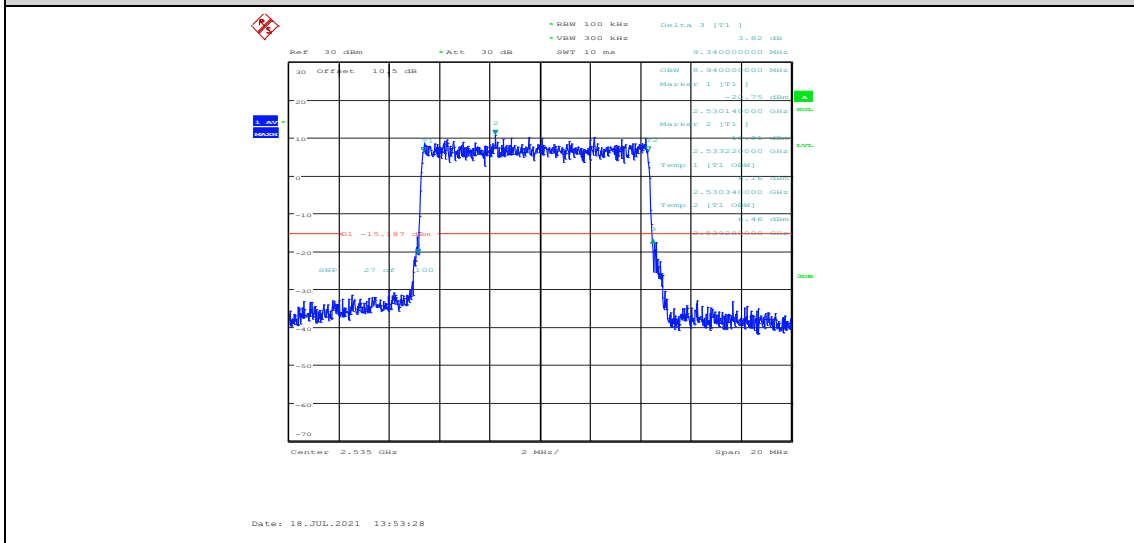


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**NTNV-N7-15kHz-10MHz-DFT-QPSK-Mid-Outer\_Full---PASS**

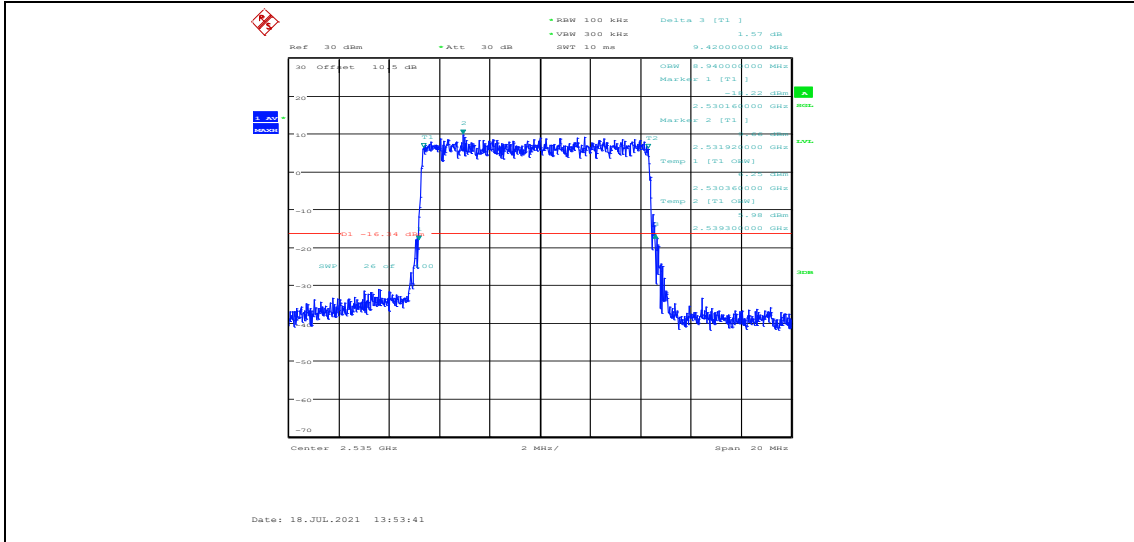


**NTNV-N7-15kHz-10MHz-DFT-16QAM-Mid-Outer\_Full---PASS**

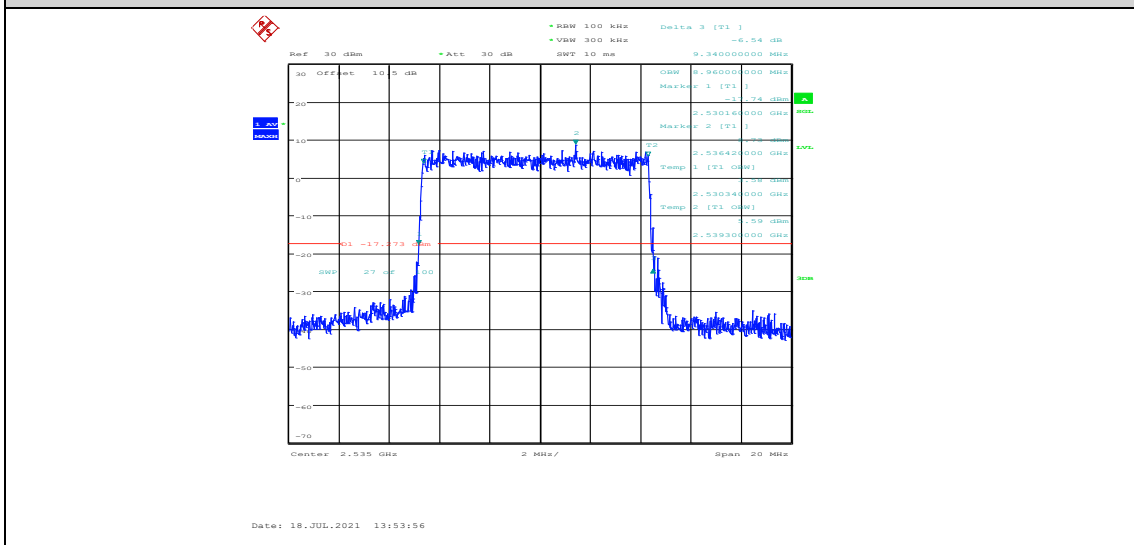


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NTNV-N7-15kHz-10MHz-DFT-64QAM-Mid-Outer\_Full---PASS



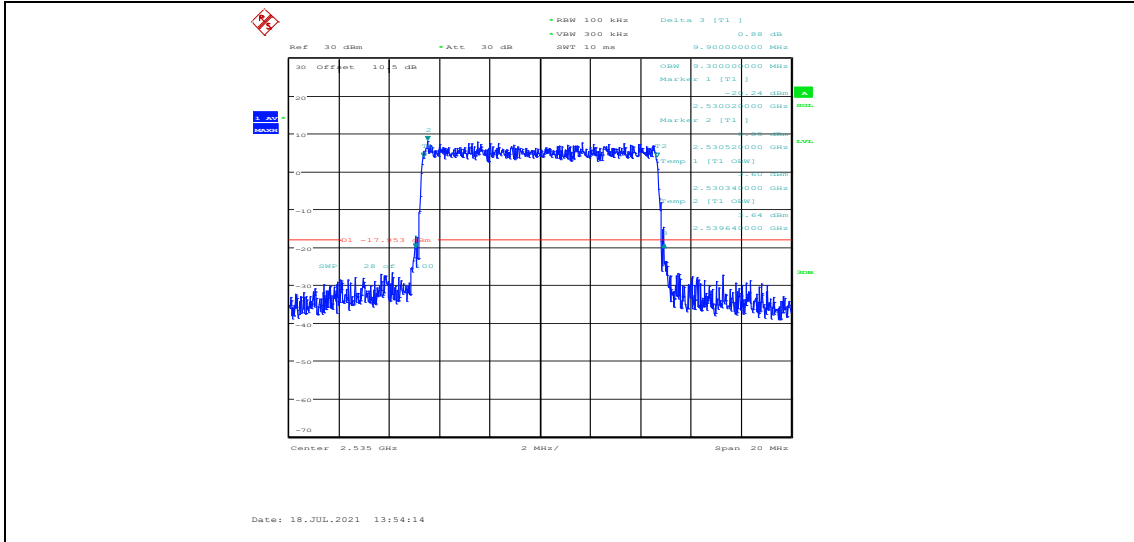
NTNV-N7-15kHz-10MHz-DFT-256QAM-Mid-Outer\_Full---PASS



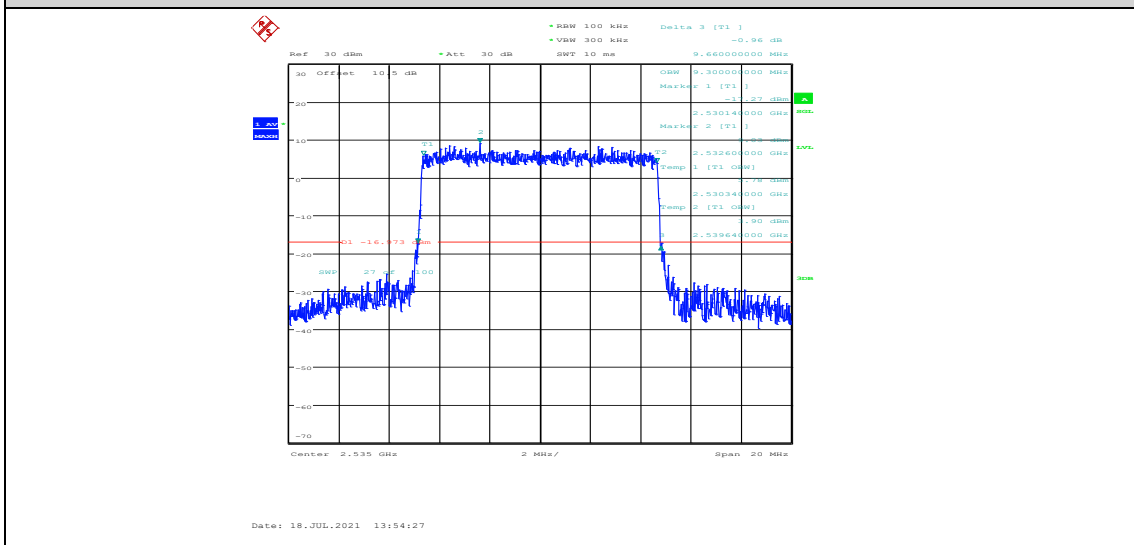
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**NTVN-N7-15kHz-10MHz-CP-QPSK-Mid-Outer\_Full---PASS**

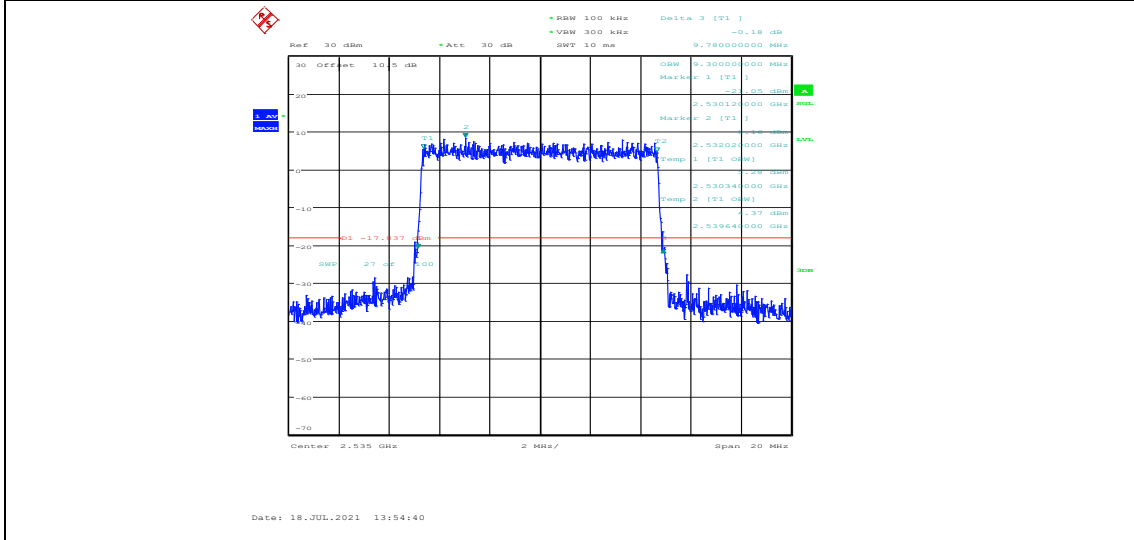


**NTVN-N7-15kHz-10MHz-CP-16QAM-Mid-Outer\_Full---PASS**

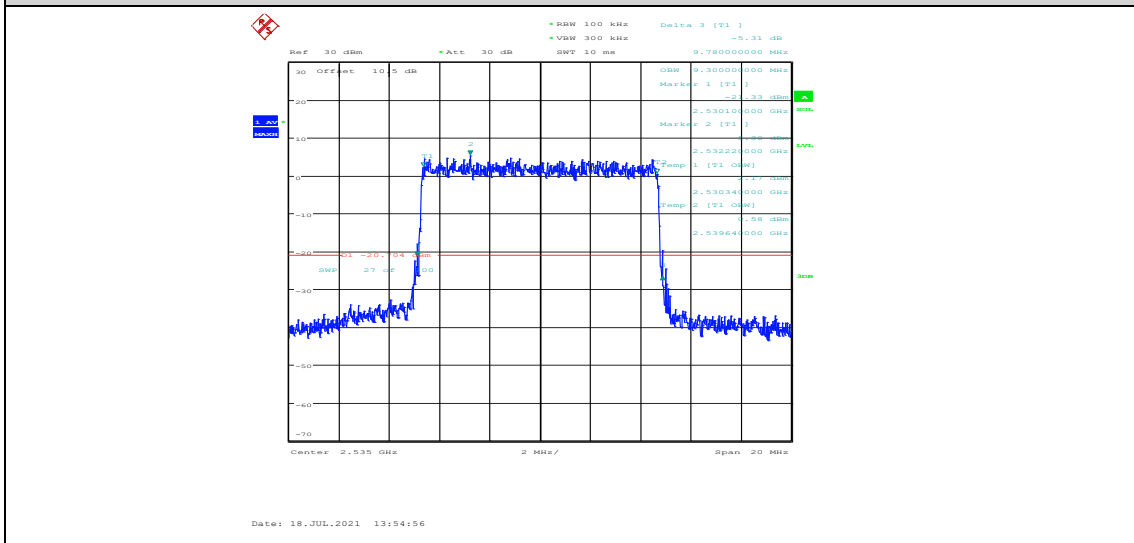


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**NTNV-N7-15kHz-10MHz-CP-64QAM-Mid-Outer\_Full---PASS**

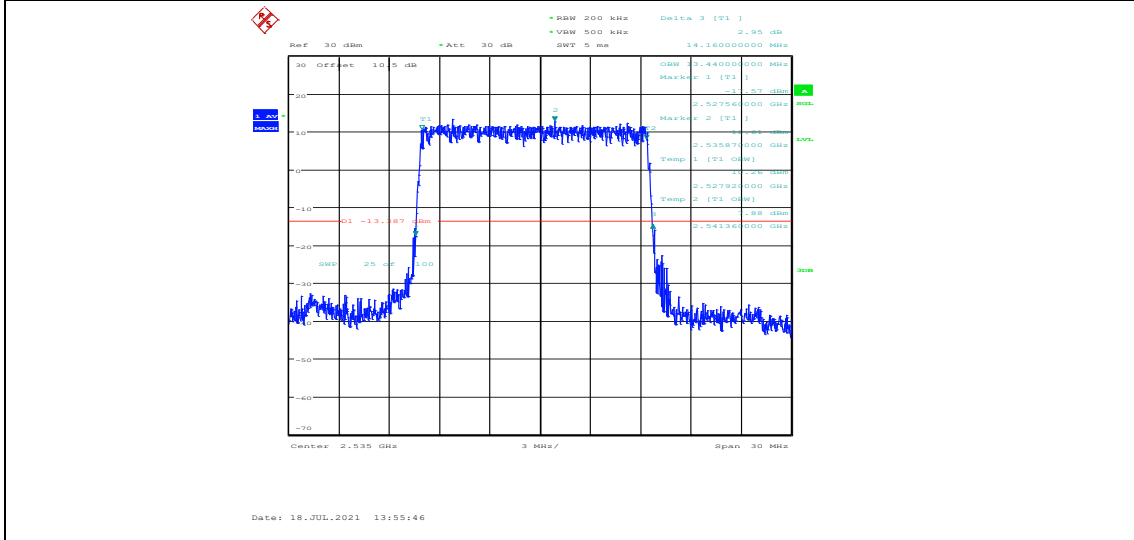


**NTNV-N7-15kHz-10MHz-CP-256QAM-Mid-Outer\_Full---PASS**

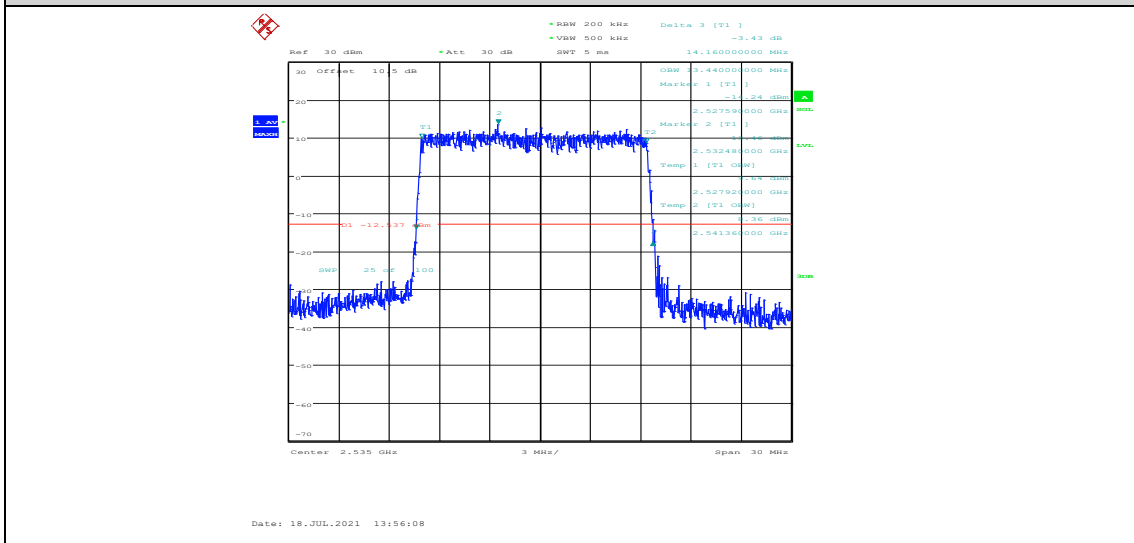


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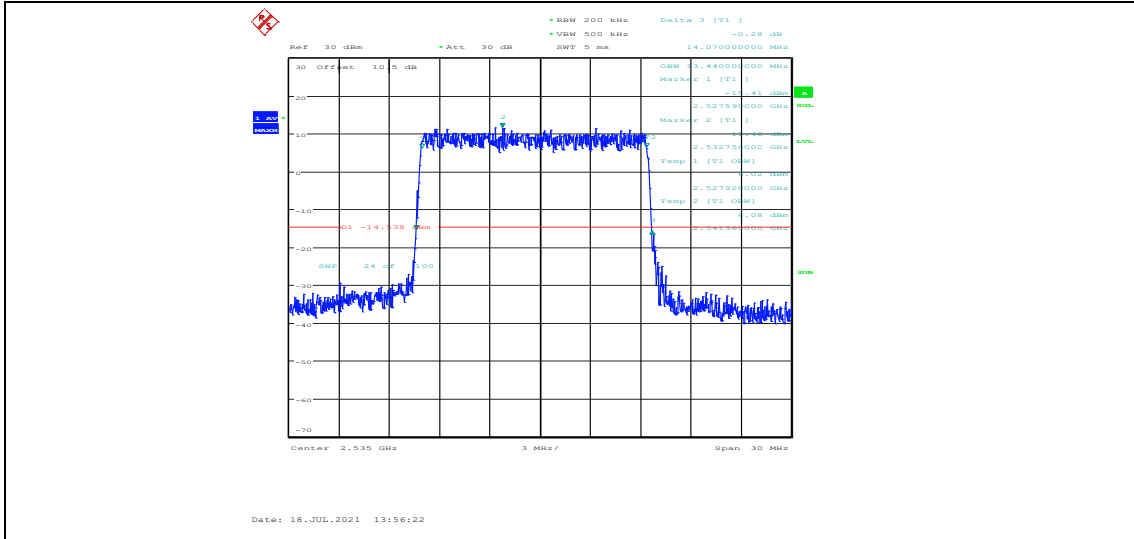
NTNV-N7-15kHz-15MHz-DFT-PI2BPSK-Mid-Outer\_Full---PASS



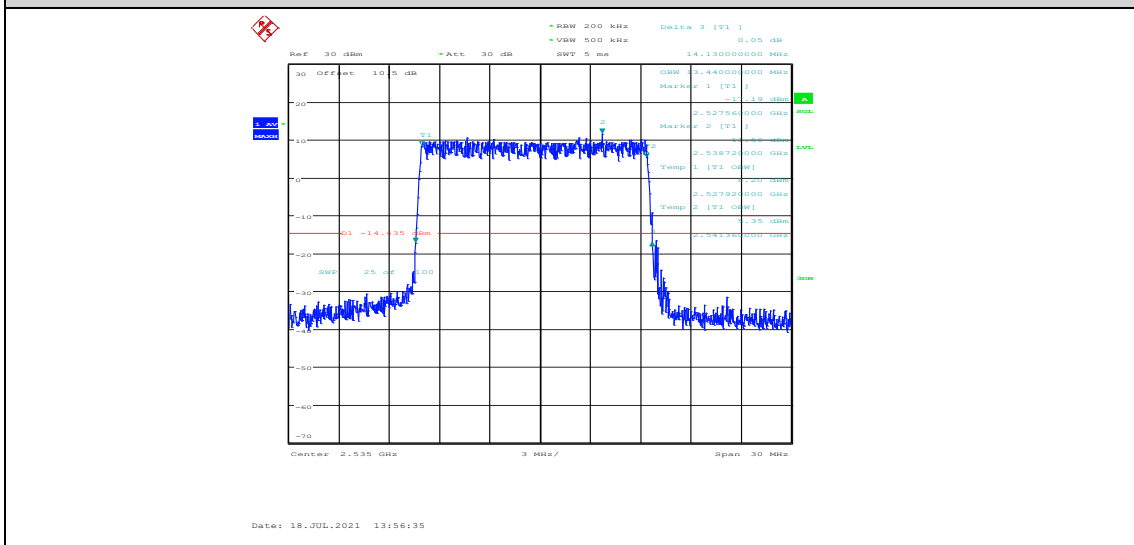
NTNV-N7-15kHz-15MHz-DFT-QPSK-Mid-Outer\_Full---PASS



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**NTNV-N7-15kHz-15MHz-DFT-16QAM-Mid-Outer\_Full---PASS**

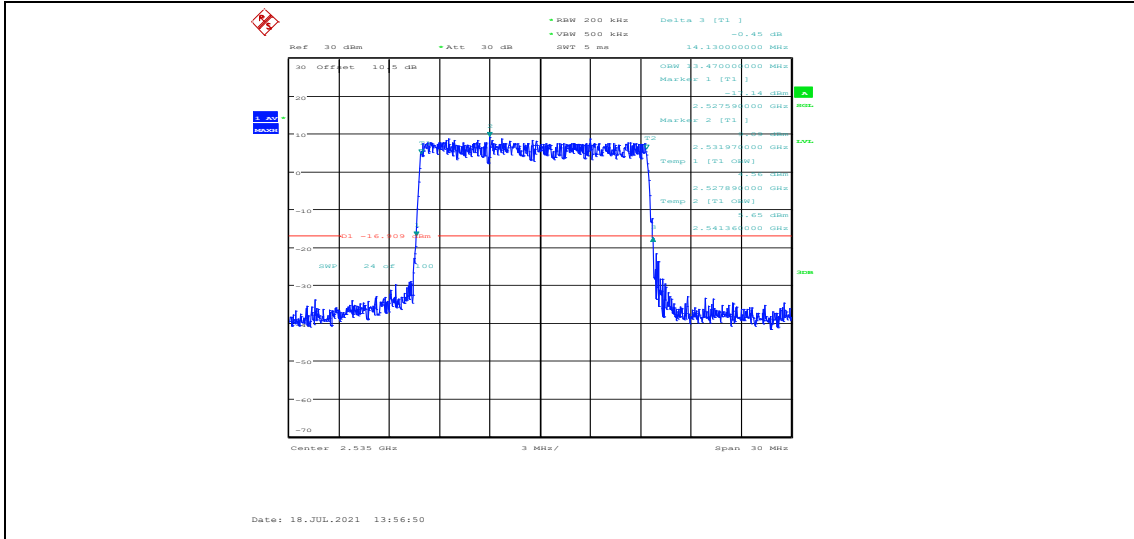


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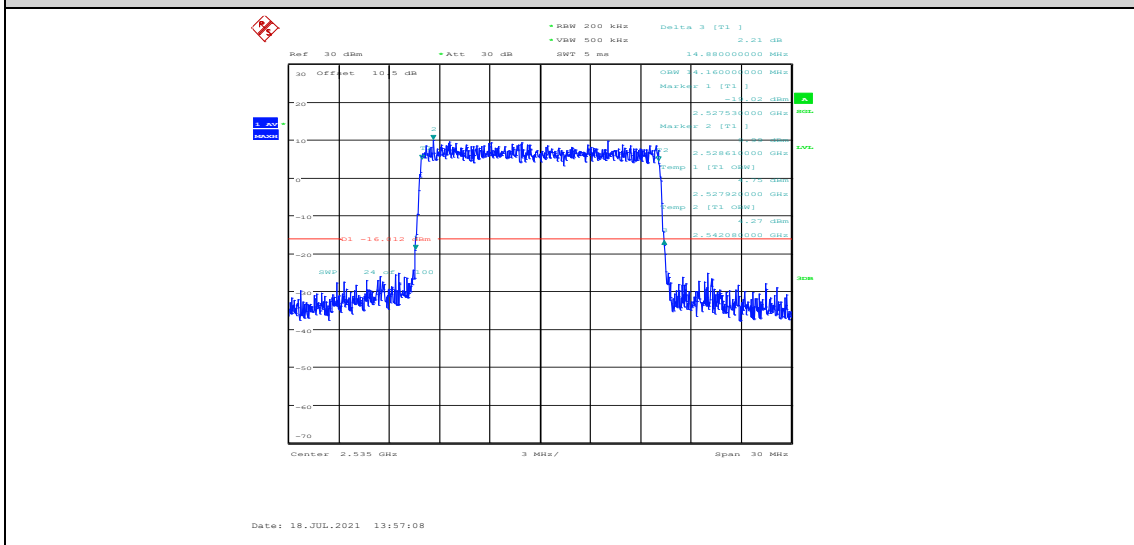


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**NTNV-N7-15kHz-15MHz-DFT-256QAM-Mid-Outer\_Full---PASS**

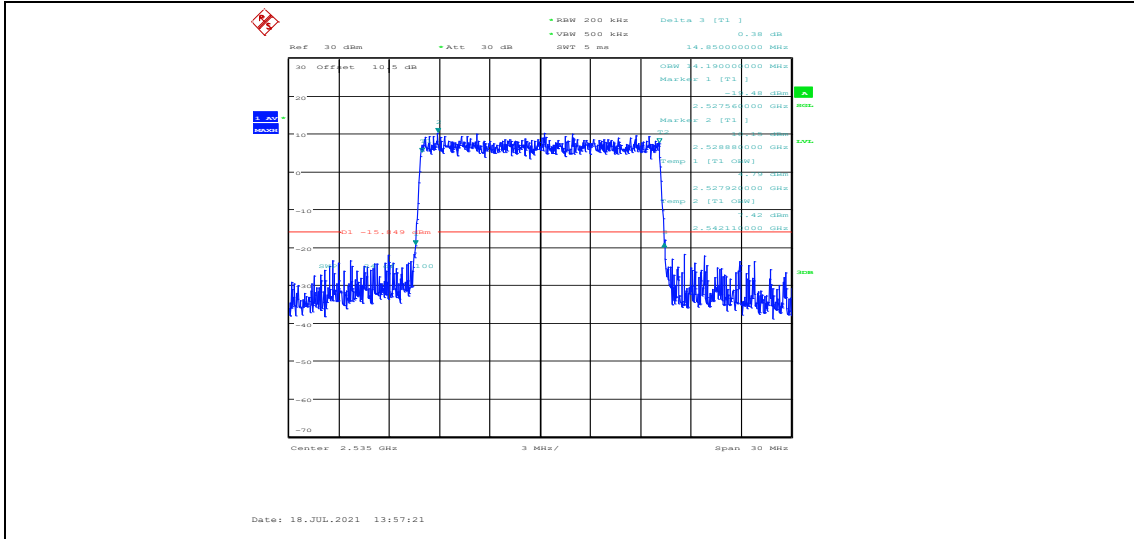


**NTNV-N7-15kHz-15MHz-CP-QPSK-Mid-Outer\_Full---PASS**

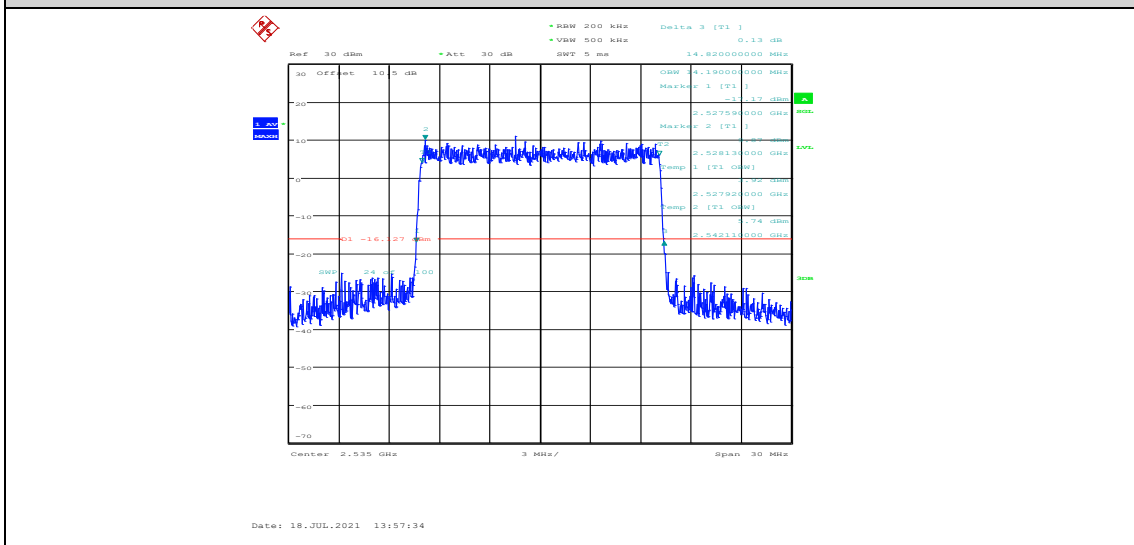


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**NTNV-N7-15kHz-15MHz-CP-16QAM-Mid-Outer\_Full---PASS**

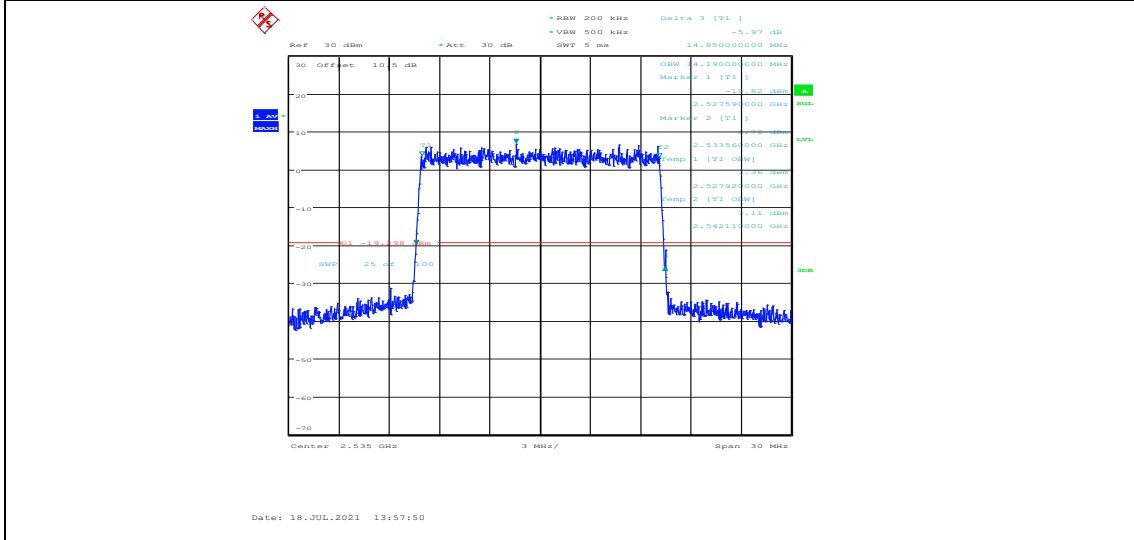


**NTNV-N7-15kHz-15MHz-CP-64QAM-Mid-Outer\_Full---PASS**

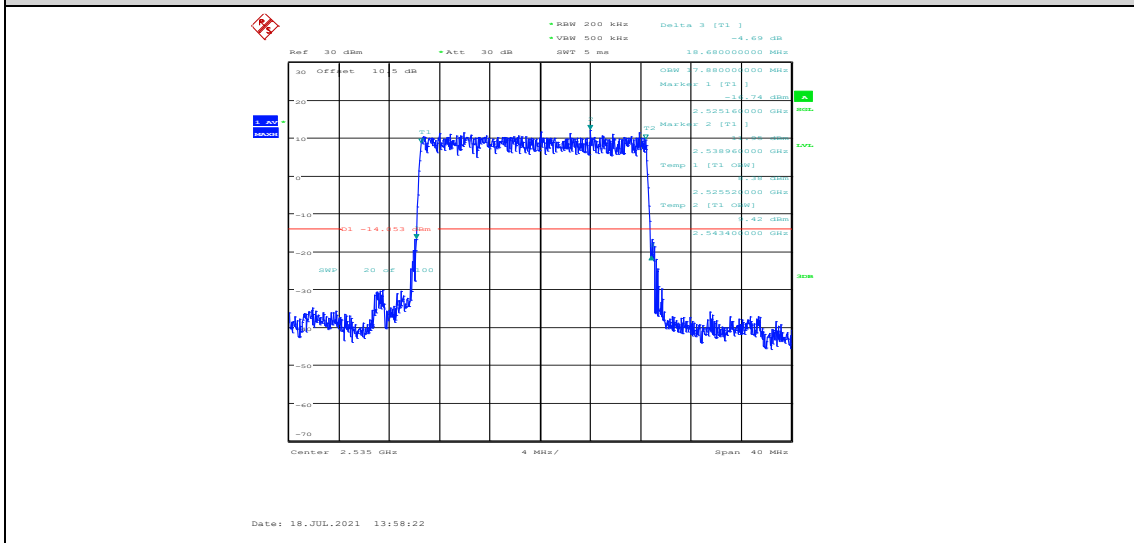


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NTNV-N7-15kHz-15MHz-CP-256QAM-Mid-Outer\_Full---PASS

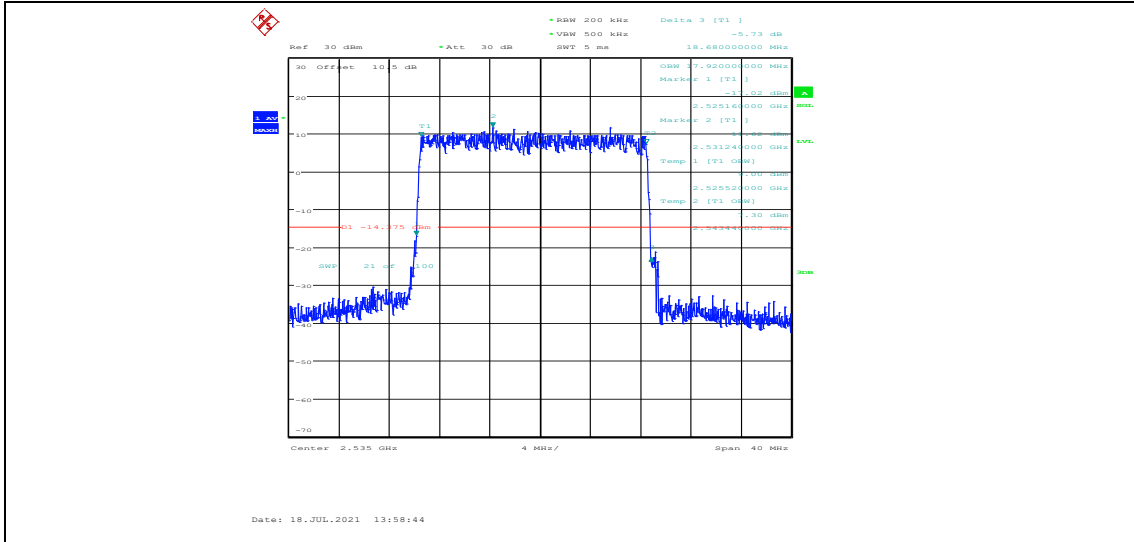


NTNV-N7-15kHz-20MHz-DFT-PI2BPSK-Mid-Outer\_Full---PASS

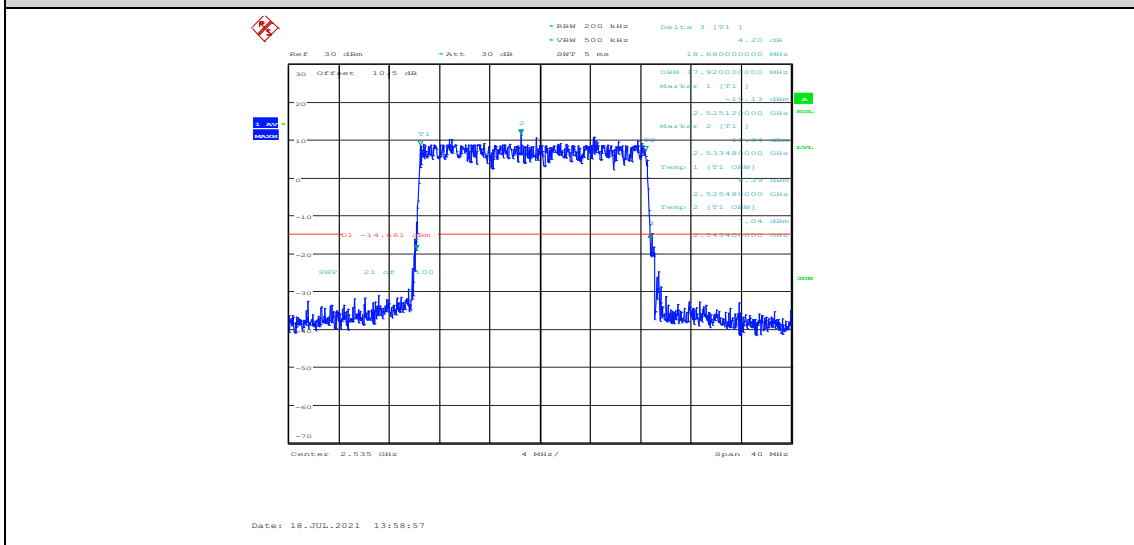


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**NTNV-N7-15kHz-20MHz-DFT-QPSK-Mid-Outer\_Full---PASS**



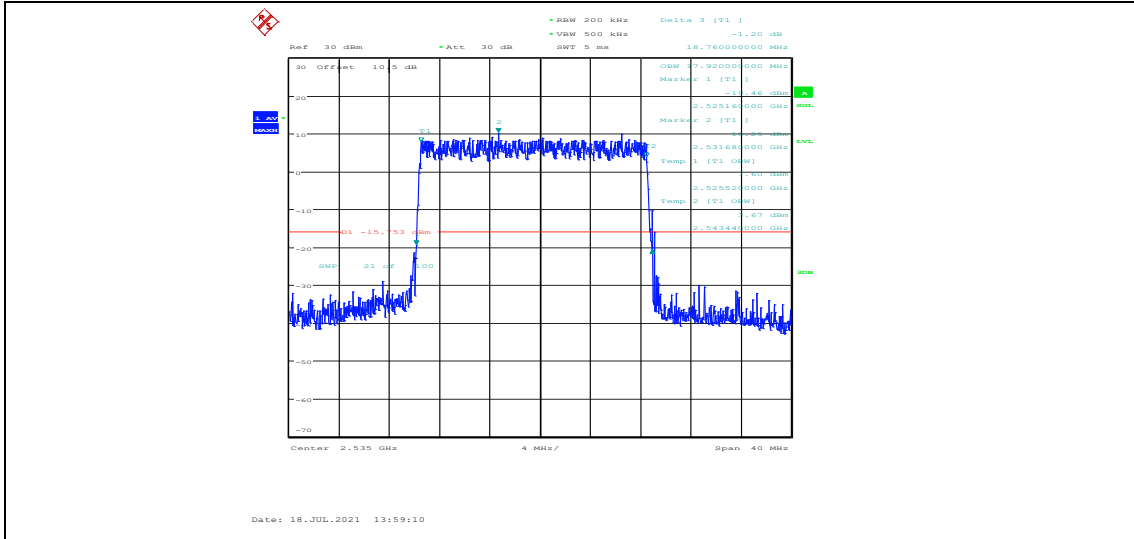
**NTNV-N7-15kHz-20MHz-DFT-16QAM-Mid-Outer\_Full---PASS**



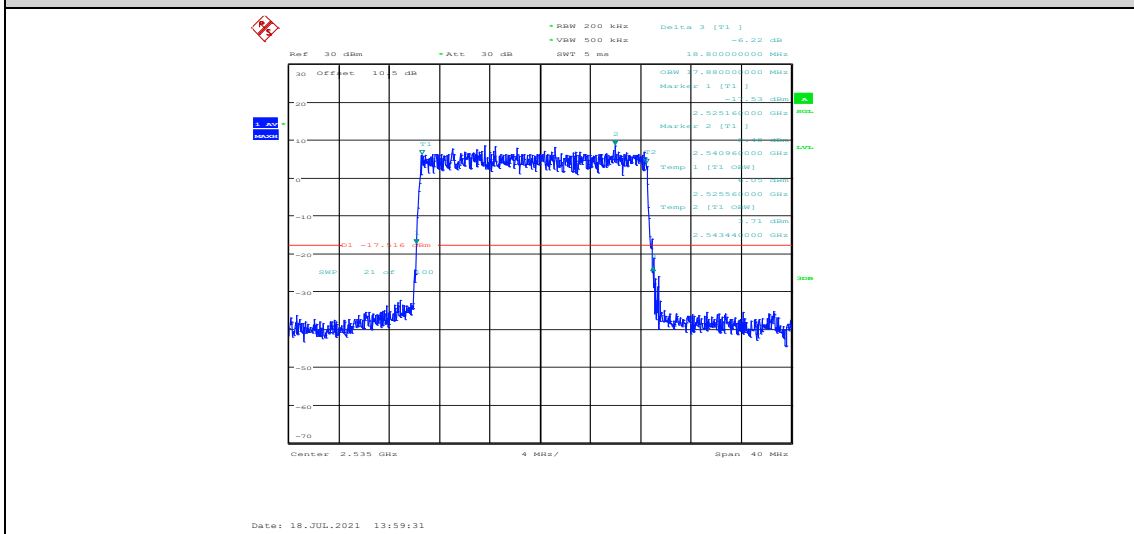
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**NTNV-N7-15kHz-20MHz-DFT-64QAM-Mid-Outer\_Full---PASS**

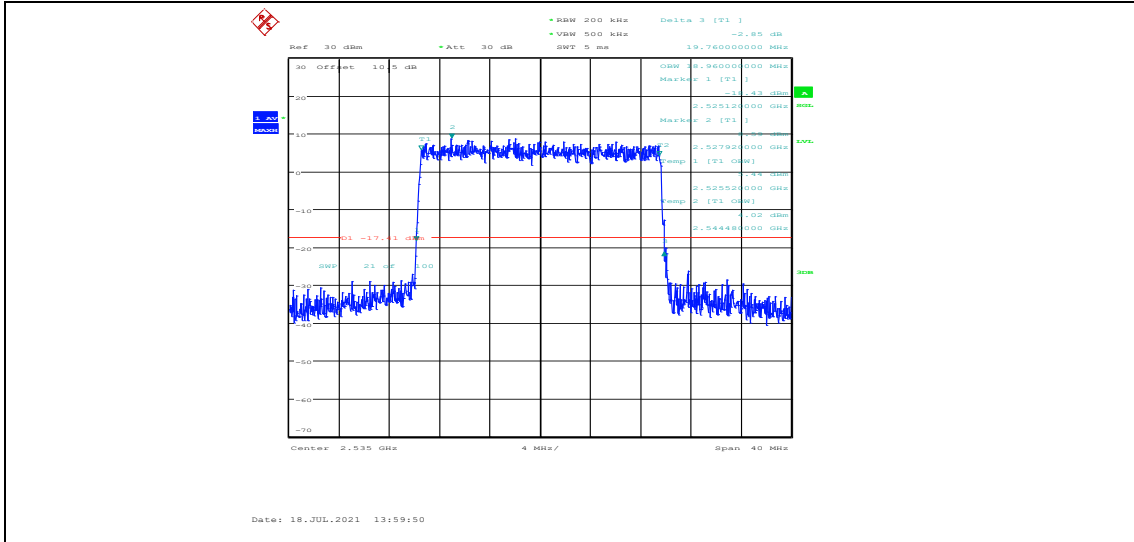


**NTNV-N7-15kHz-20MHz-DFT-256QAM-Mid-Outer\_Full---PASS**

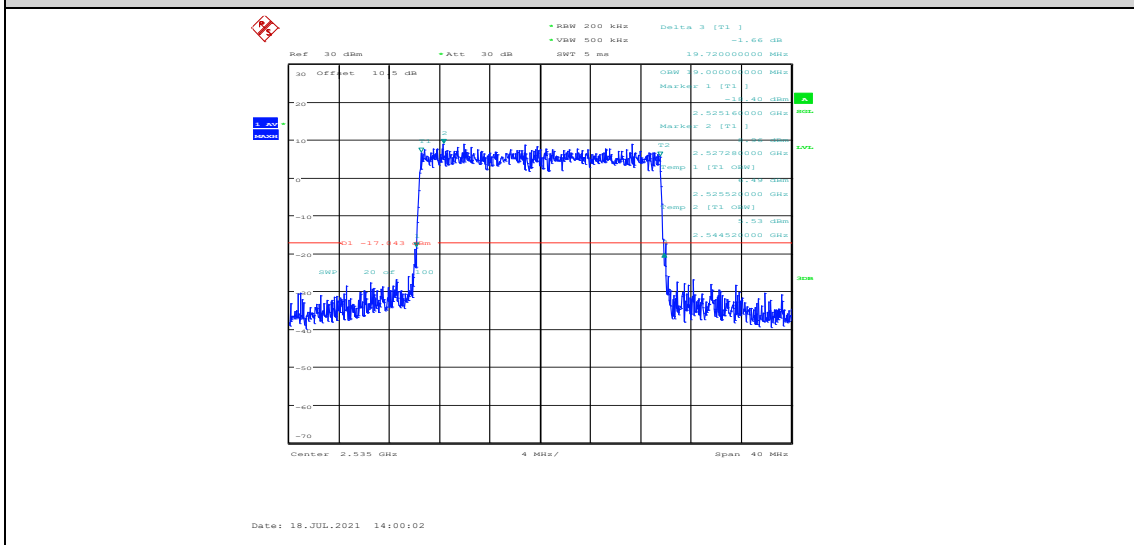


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**NTVN-N7-15kHz-20MHz-CP-QPSK-Mid-Outer\_Full---PASS**

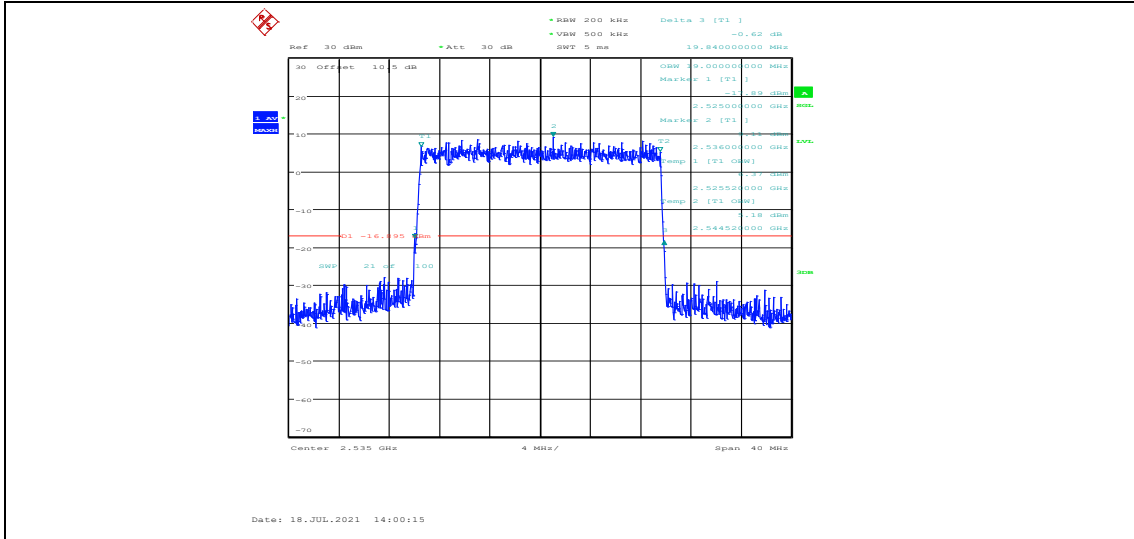


**NTVN-N7-15kHz-20MHz-CP-16QAM-Mid-Outer\_Full---PASS**

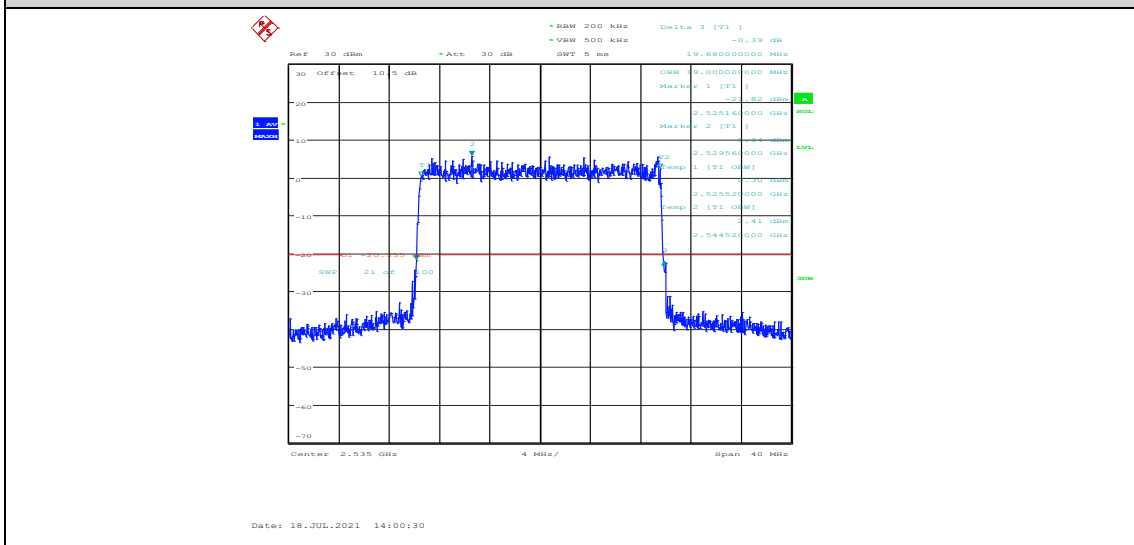


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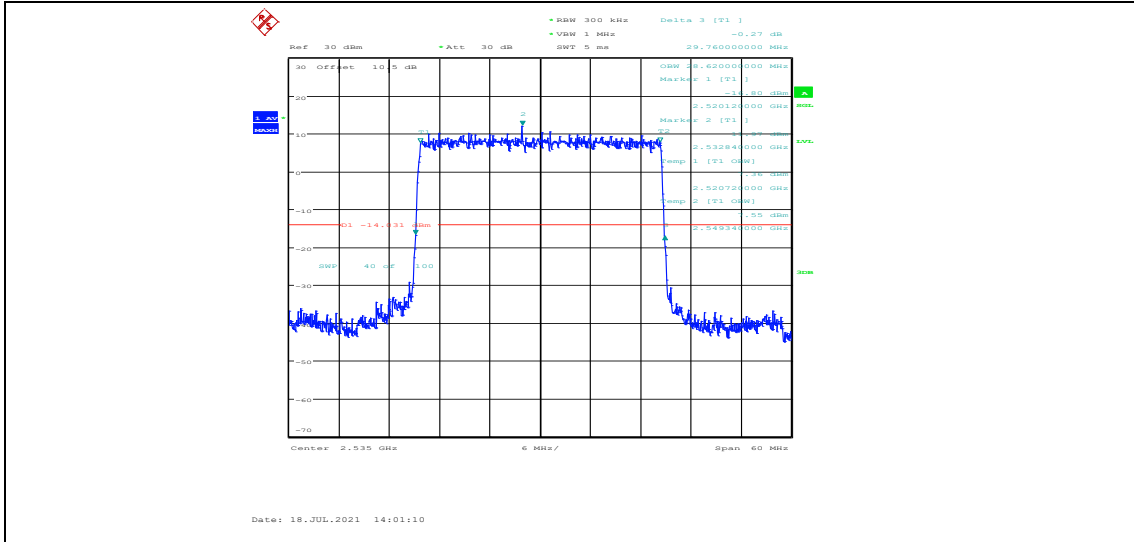
NTNV-N7-15kHz-20MHz-CP-64QAM-Mid-Outer\_Full---PASS



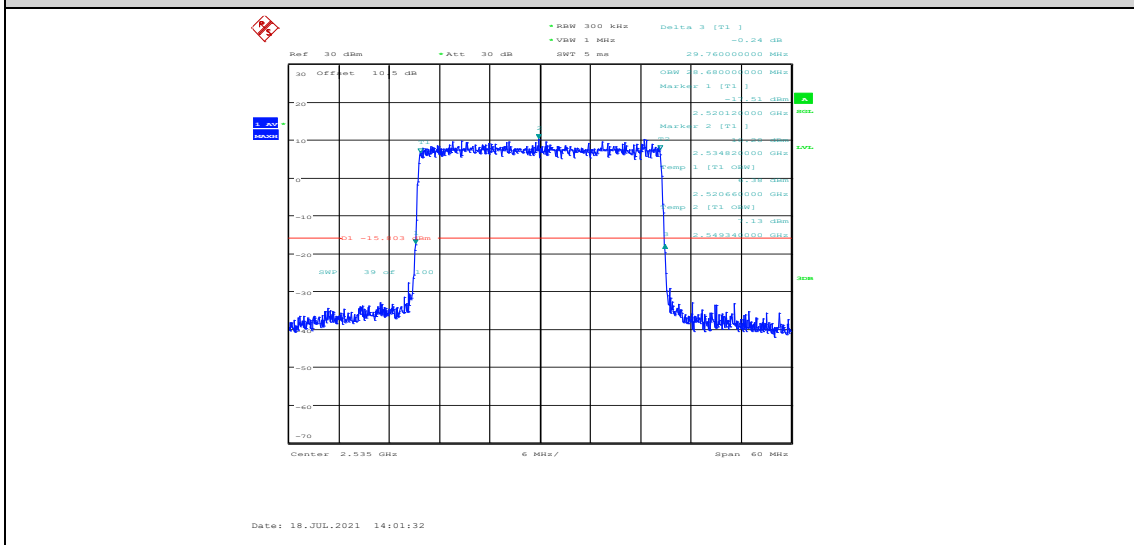
NTNV-N7-15kHz-20MHz-CP-256QAM-Mid-Outer\_Full---PASS



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**NTNV-N7-15kHz-30MHz-DFT-PI2BPSK-Mid-Outer\_Full---PASS**

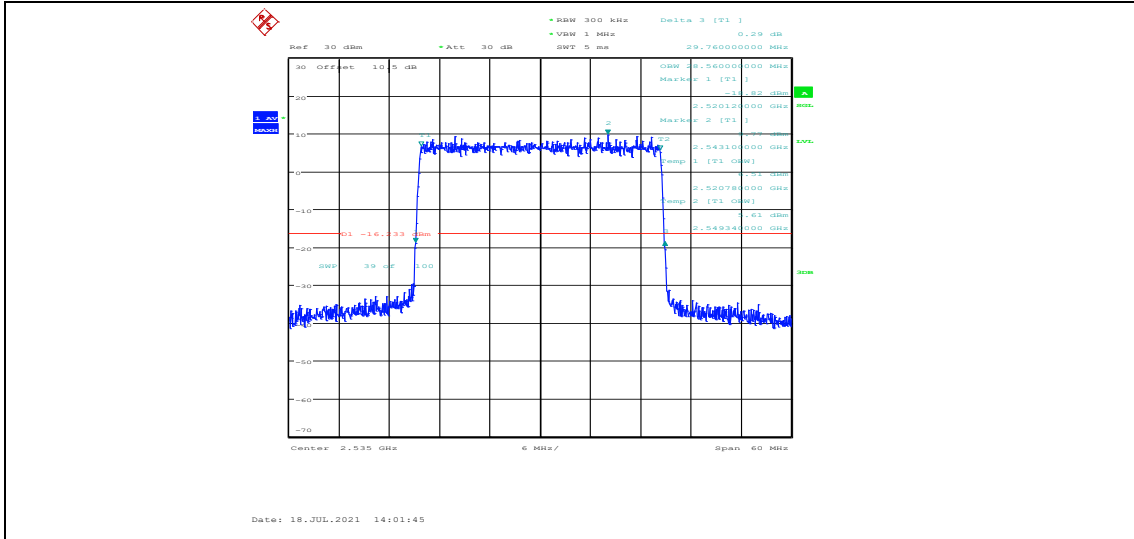


**NTNV-N7-15kHz-30MHz-DFT-QPSK-Mid-Outer\_Full---PASS**

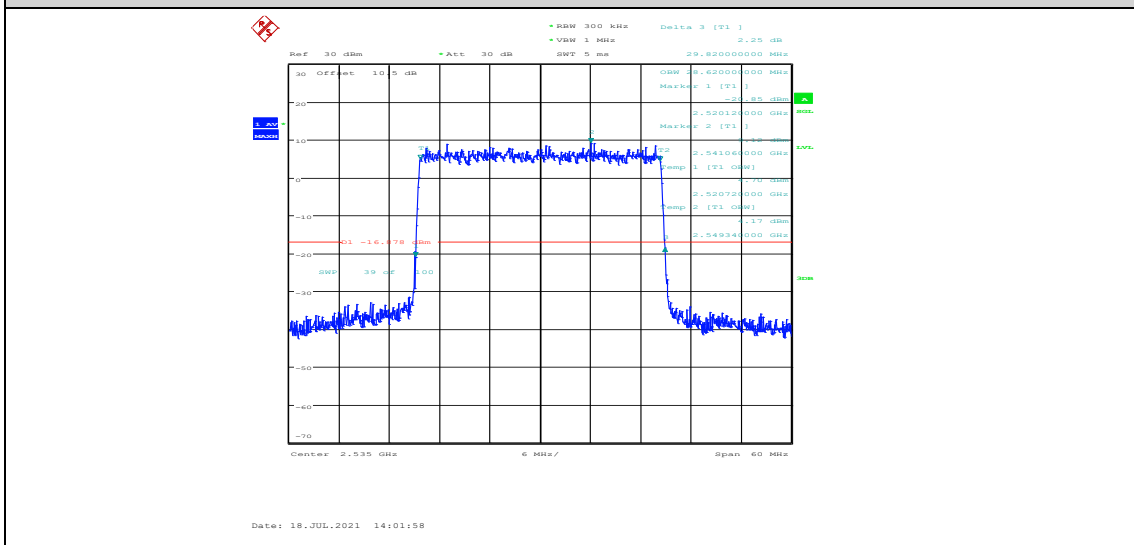


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NTNV-N7-15kHz-30MHz-DFT-16QAM-Mid-Outer\_Full---PASS

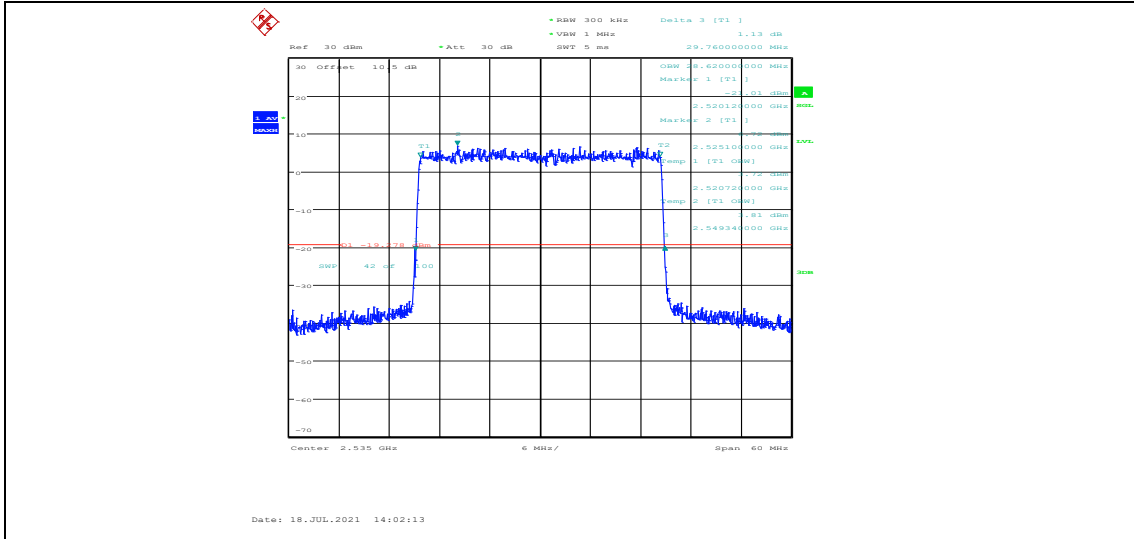


NTNV-N7-15kHz-30MHz-DFT-64QAM-Mid-Outer\_Full---PASS

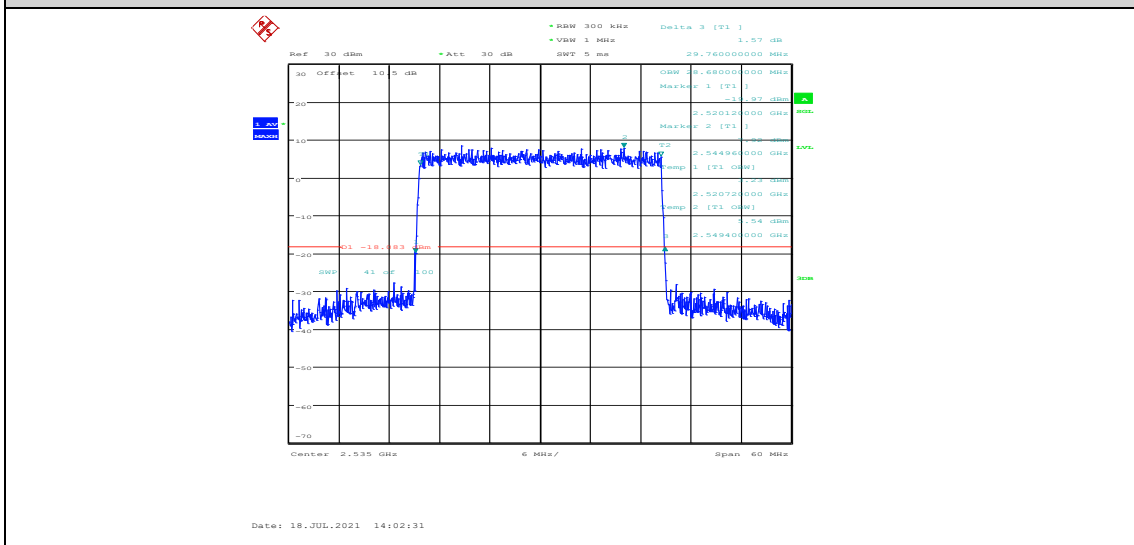


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NTNV-N7-15kHz-30MHz-DFT-256QAM-Mid-Outer\_Full---PASS

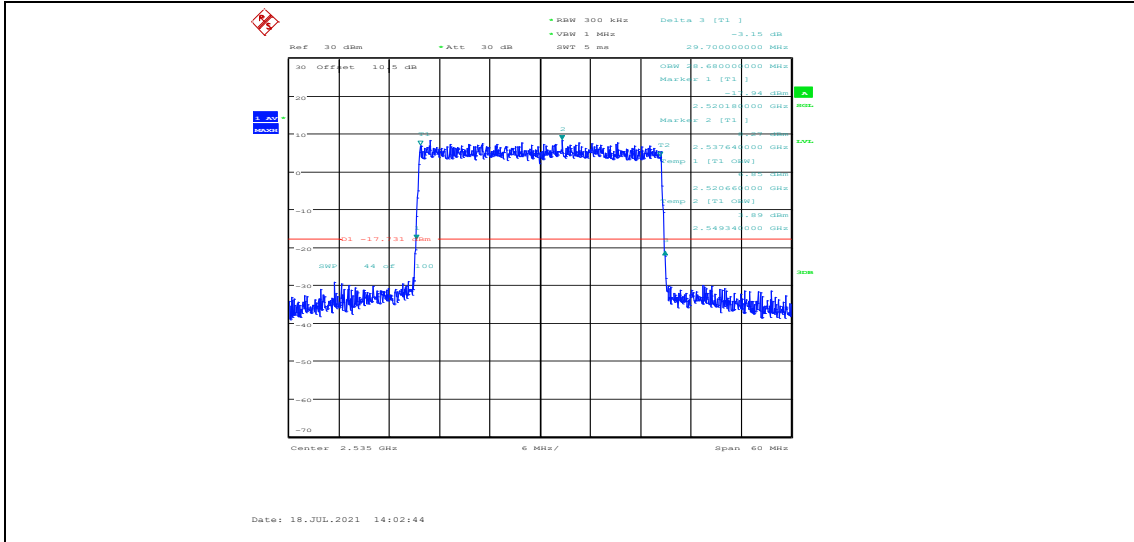


NTNV-N7-15kHz-30MHz-CP-QPSK-Mid-Outer\_Full---PASS

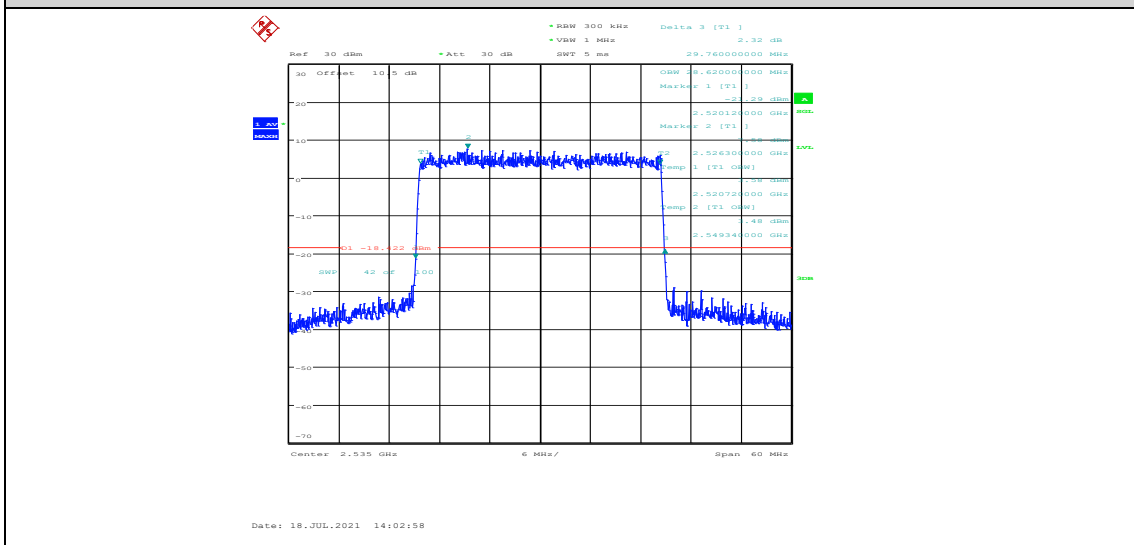


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**NTNV-N7-15kHz-30MHz-CP-16QAM-Mid-Outer\_Full---PASS**

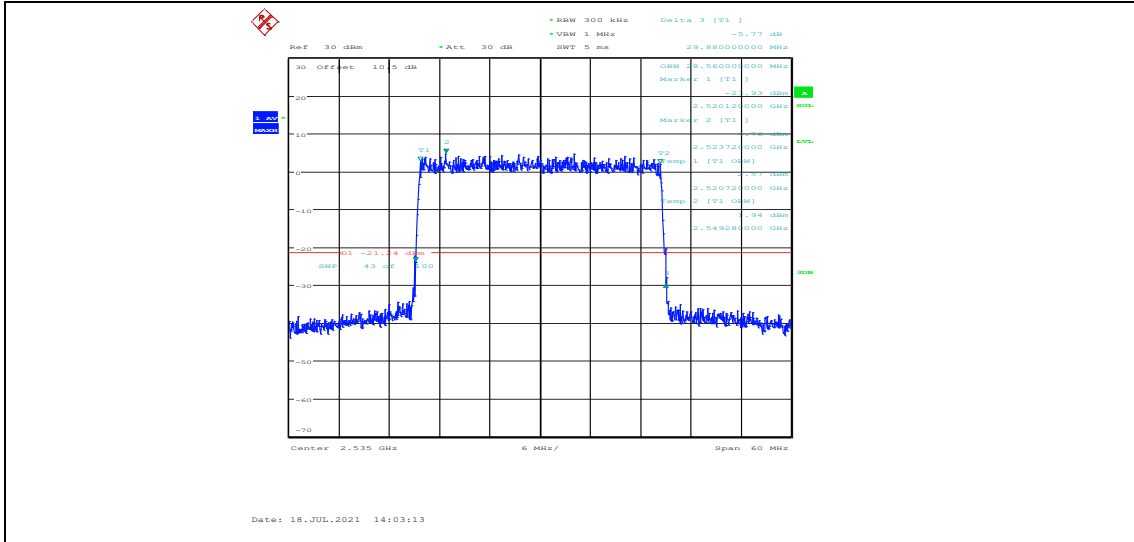


**NTNV-N7-15kHz-30MHz-CP-64QAM-Mid-Outer\_Full---PASS**

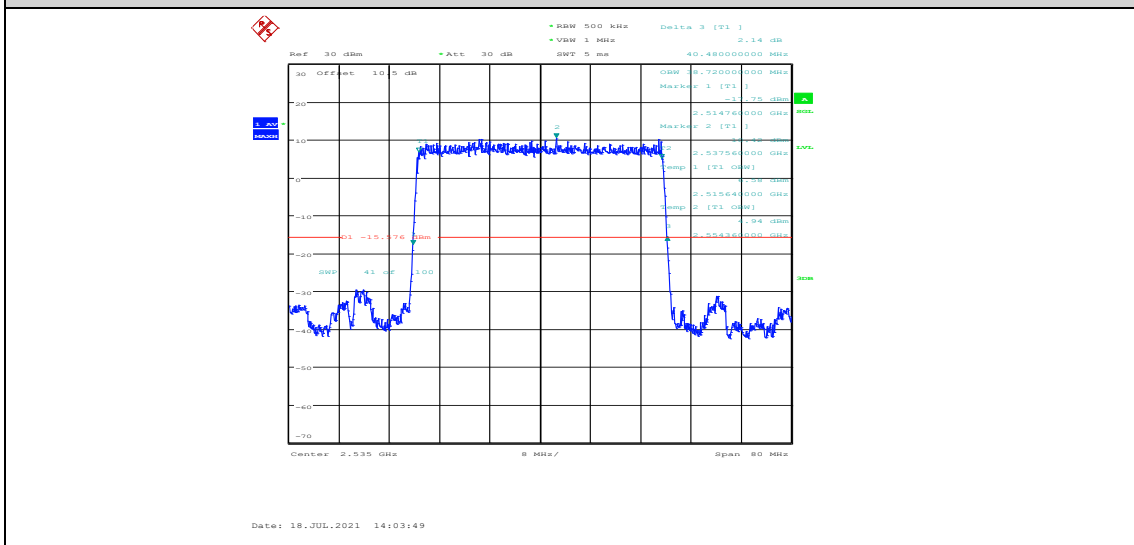


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NTNV-N7-15kHz-30MHz-CP-256QAM-Mid-Outer\_Full---PASS



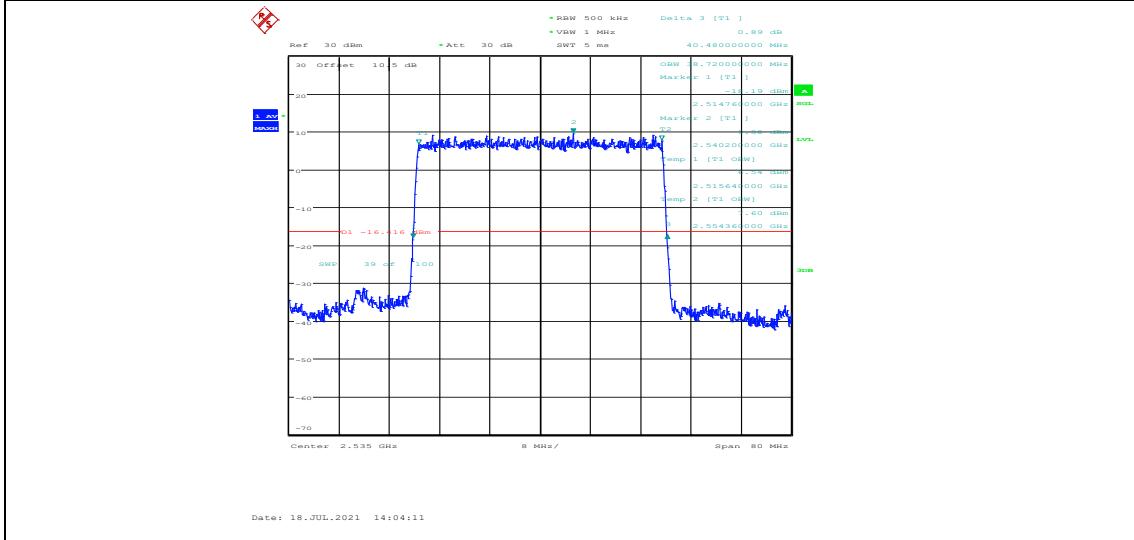
NTNV-N7-15kHz-40MHz-DFT-PI2BPSK-Mid-Outer\_Full---PASS



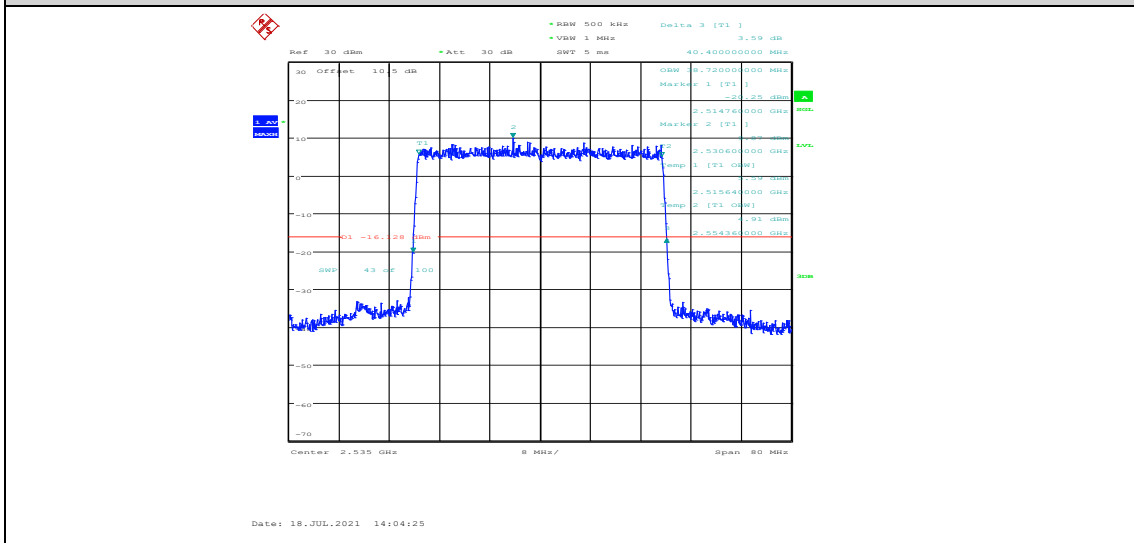
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**NTNV-N7-15kHz-40MHz-DFT-QPSK-Mid-Outer\_Full---PASS**

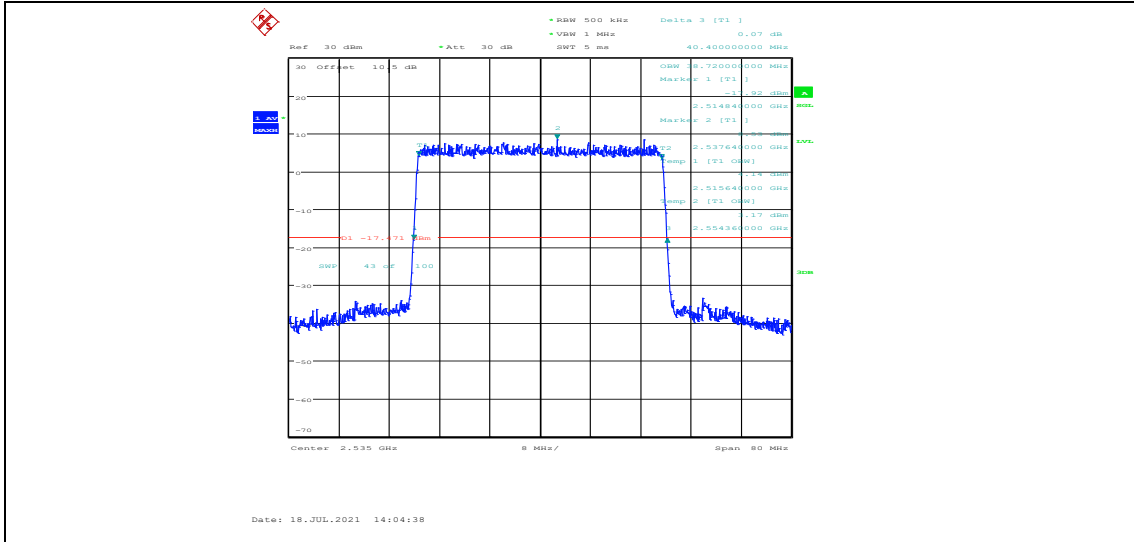


**NTNV-N7-15kHz-40MHz-DFT-16QAM-Mid-Outer\_Full---PASS**

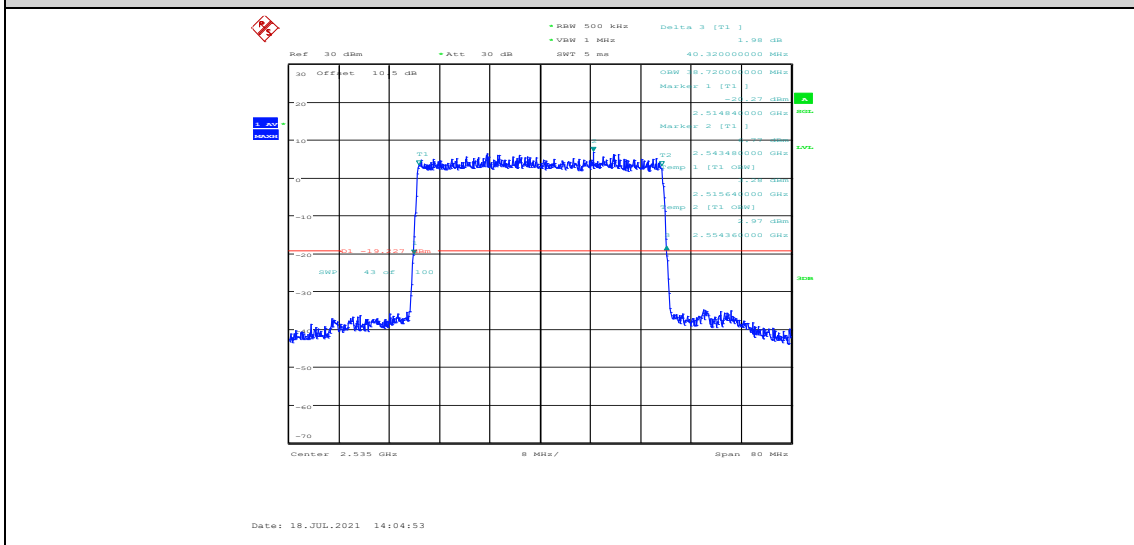


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**NTNV-N7-15kHz-40MHz-DFT-64QAM-Mid-Outer\_Full---PASS**

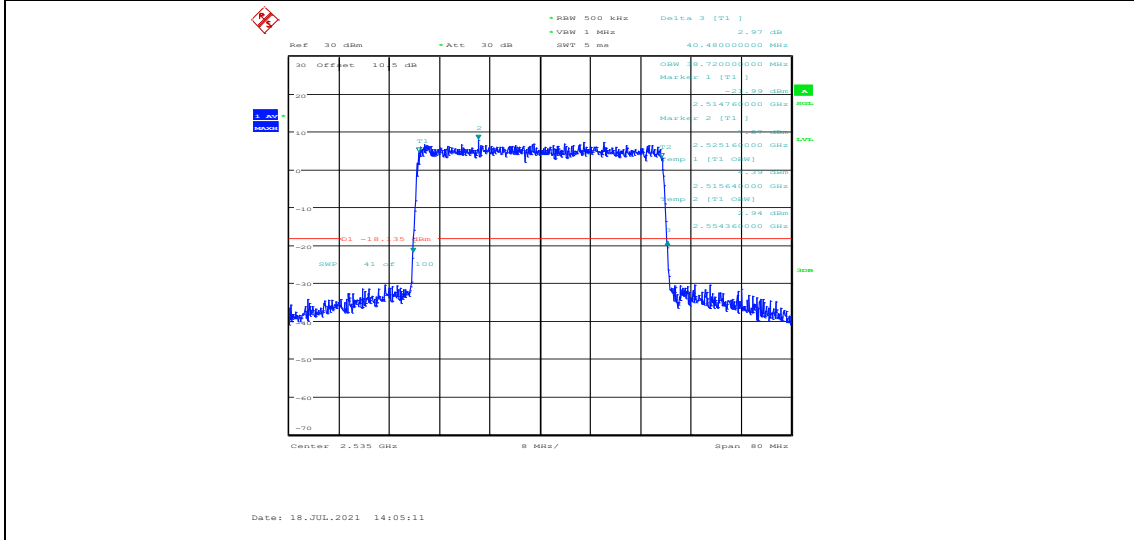


**NTNV-N7-15kHz-40MHz-DFT-256QAM-Mid-Outer\_Full---PASS**

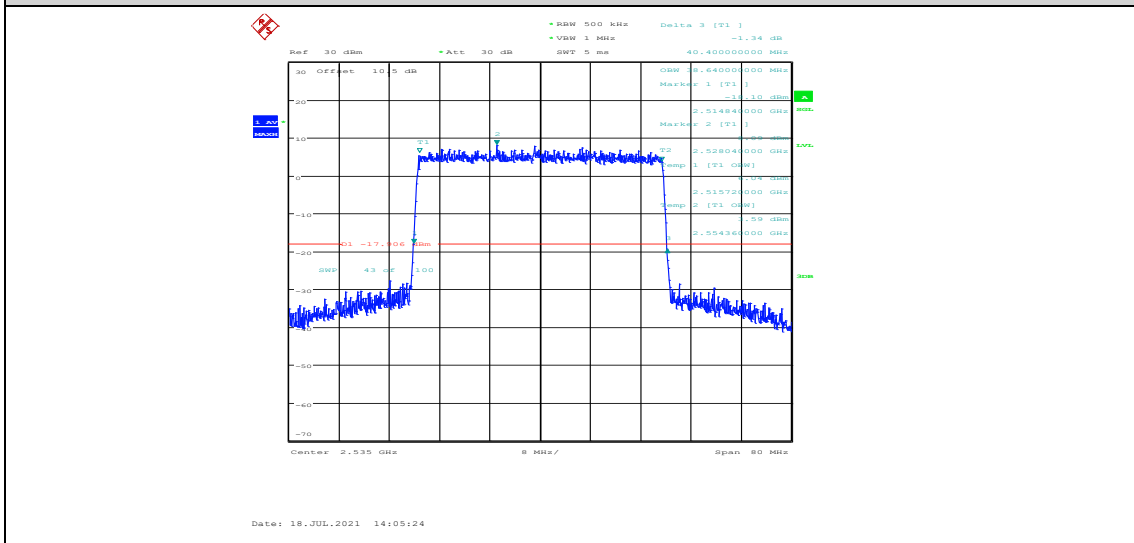


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**NTVN-N7-15kHz-40MHz-CP-QPSK-Mid-Outer\_Full---PASS**

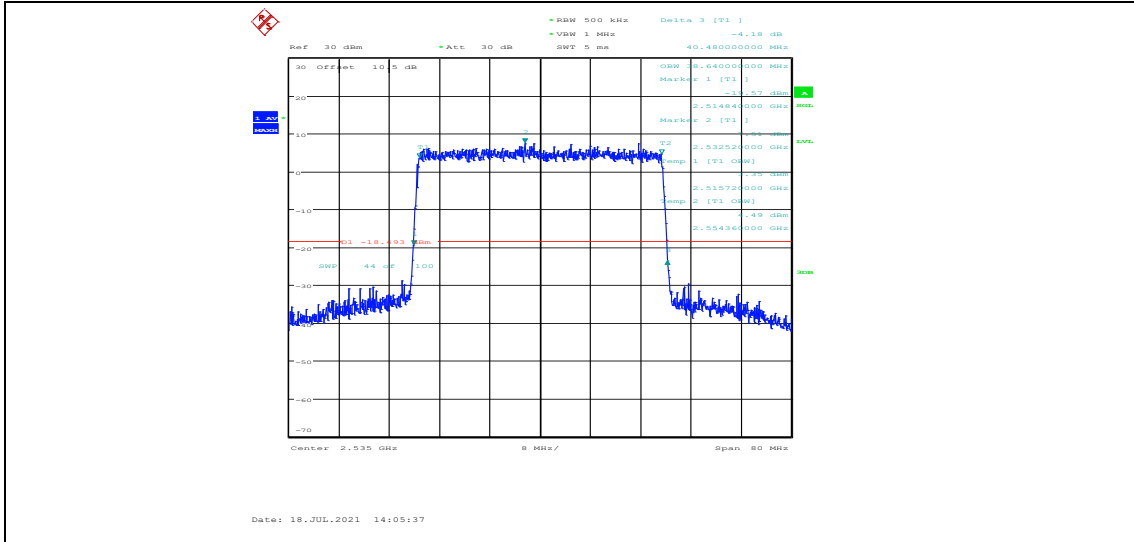


**NTVN-N7-15kHz-40MHz-CP-16QAM-Mid-Outer\_Full---PASS**

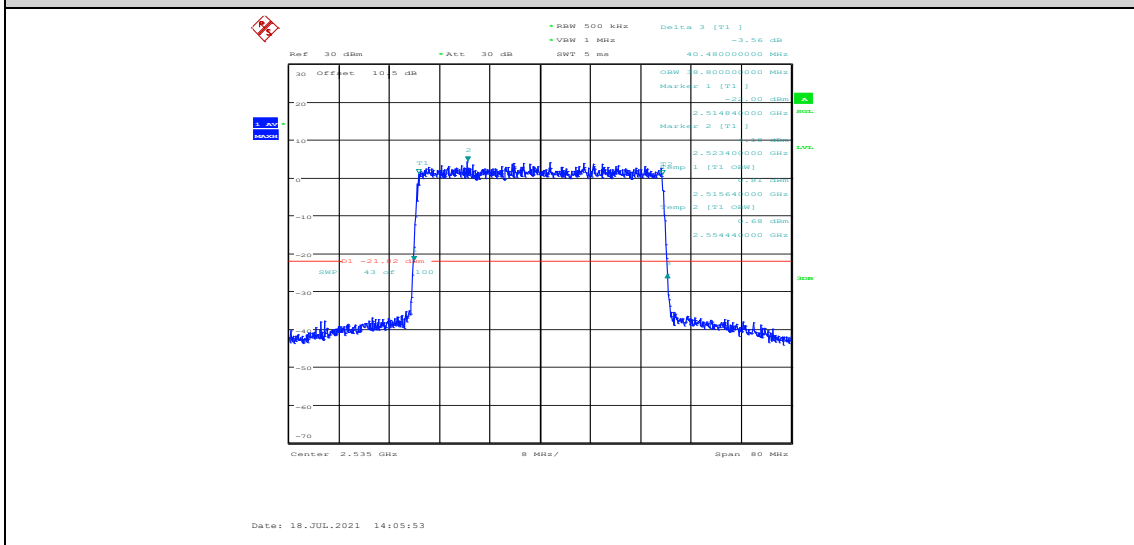


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**NTNV-N7-15kHz-40MHz-CP-64QAM-Mid-Outer\_Full---PASS**

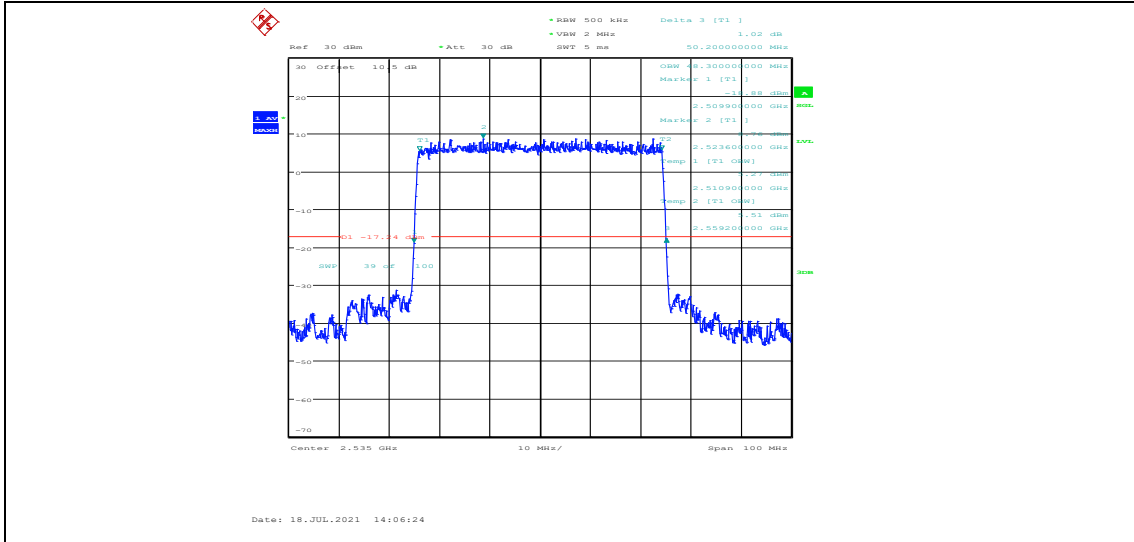


**NTNV-N7-15kHz-40MHz-CP-256QAM-Mid-Outer\_Full---PASS**

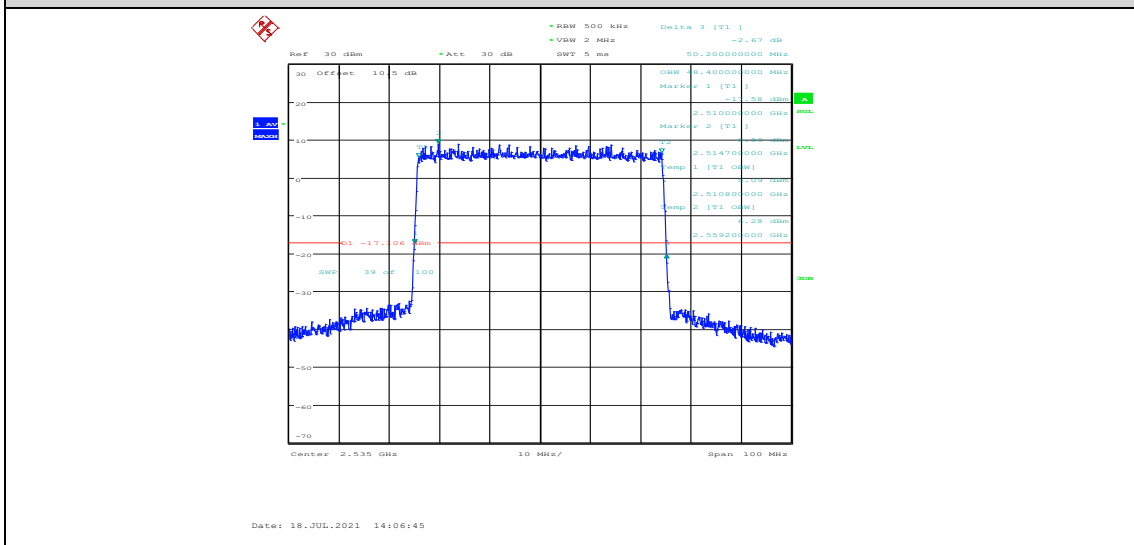


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**NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-Mid-Outer\_Full---PASS**

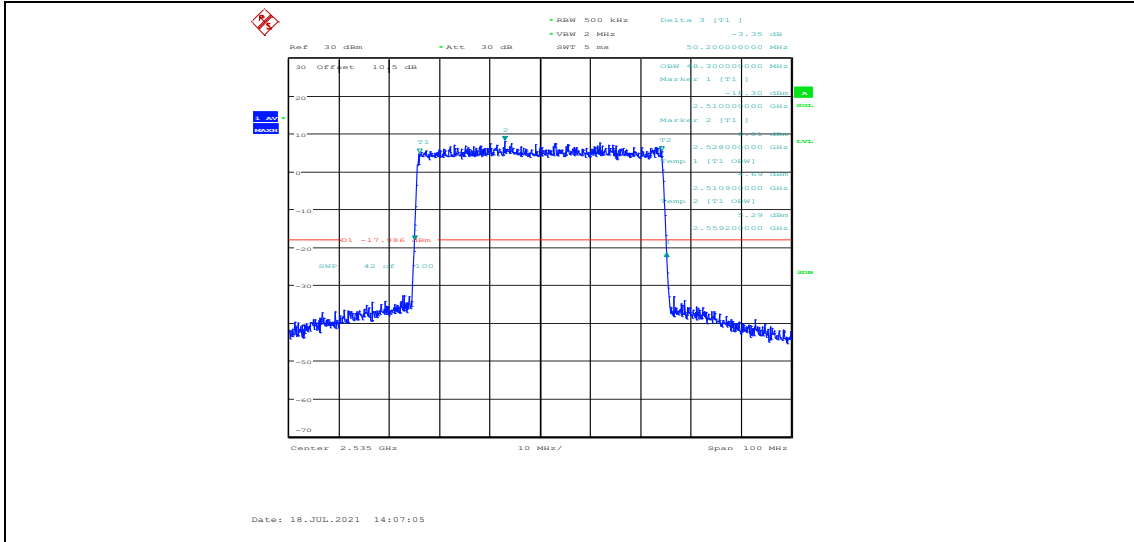


**NTNV-N7-15kHz-50MHz-DFT-QPSK-Mid-Outer\_Full---PASS**

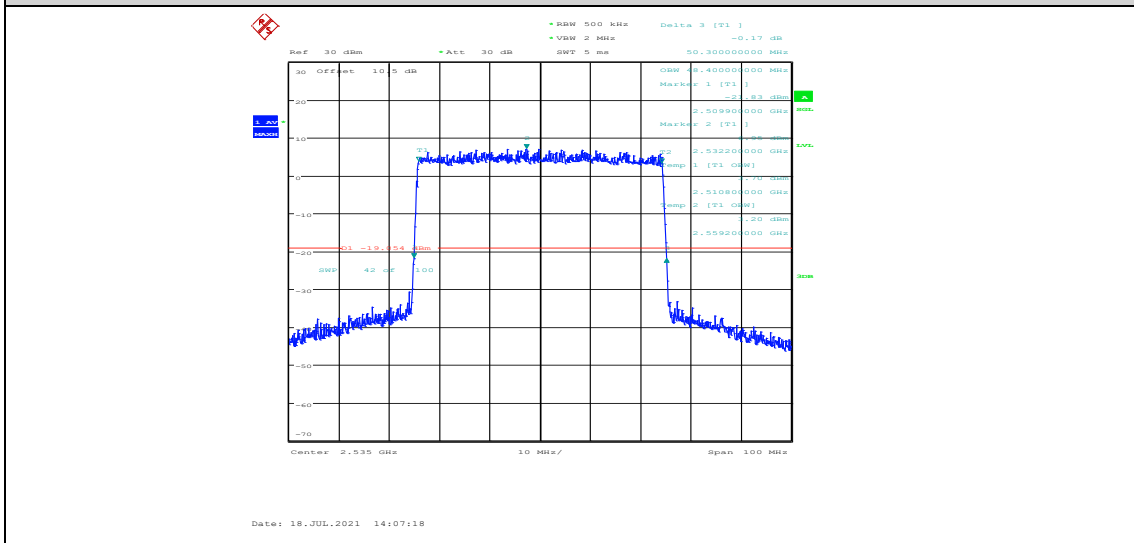


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**NTNV-N7-15kHz-50MHz-DFT-16QAM-Mid-Outer\_Full---PASS**

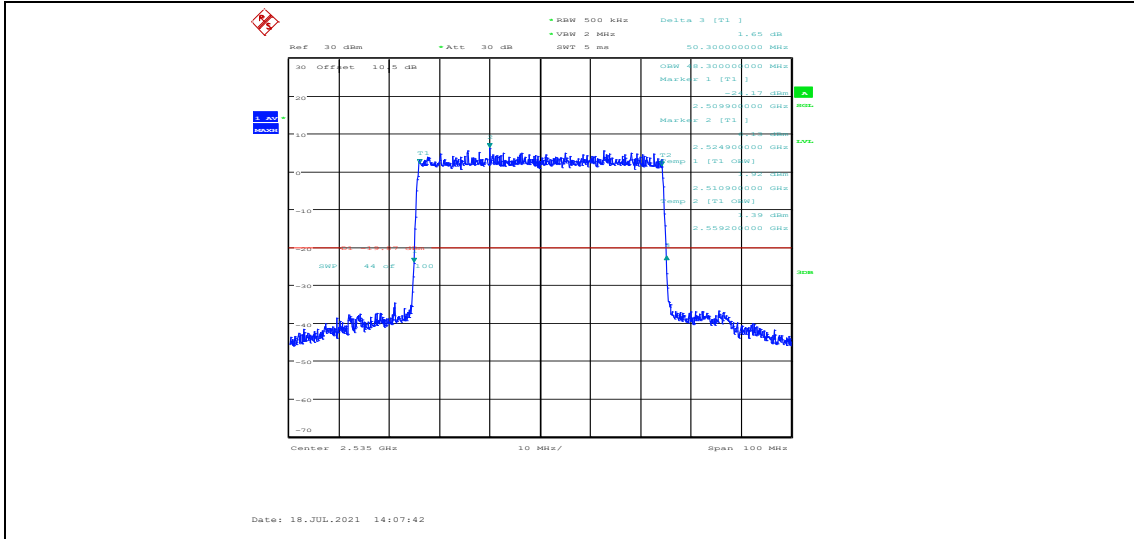


**NTNV-N7-15kHz-50MHz-DFT-64QAM-Mid-Outer\_Full---PASS**

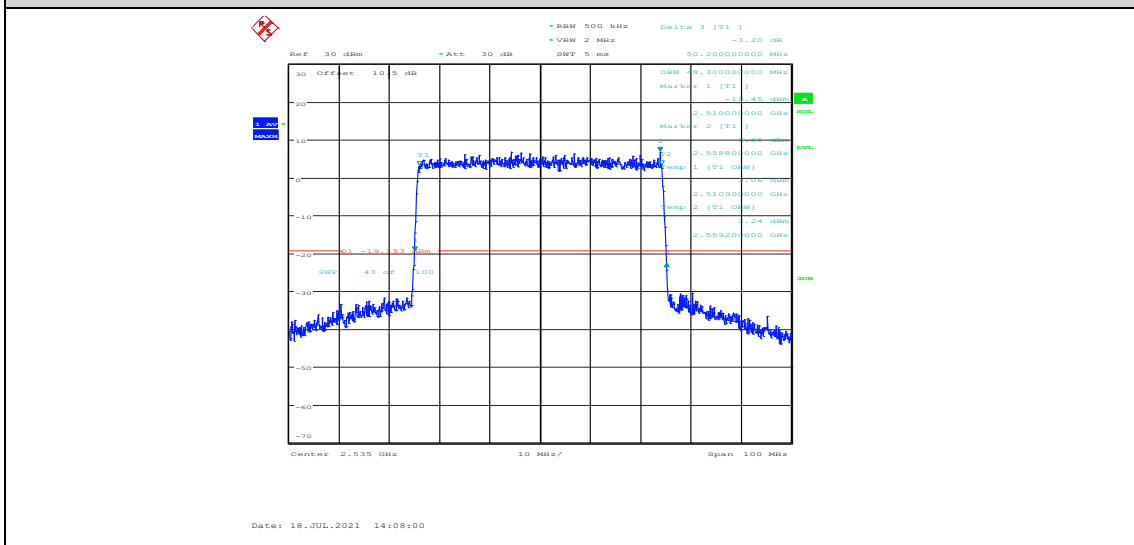


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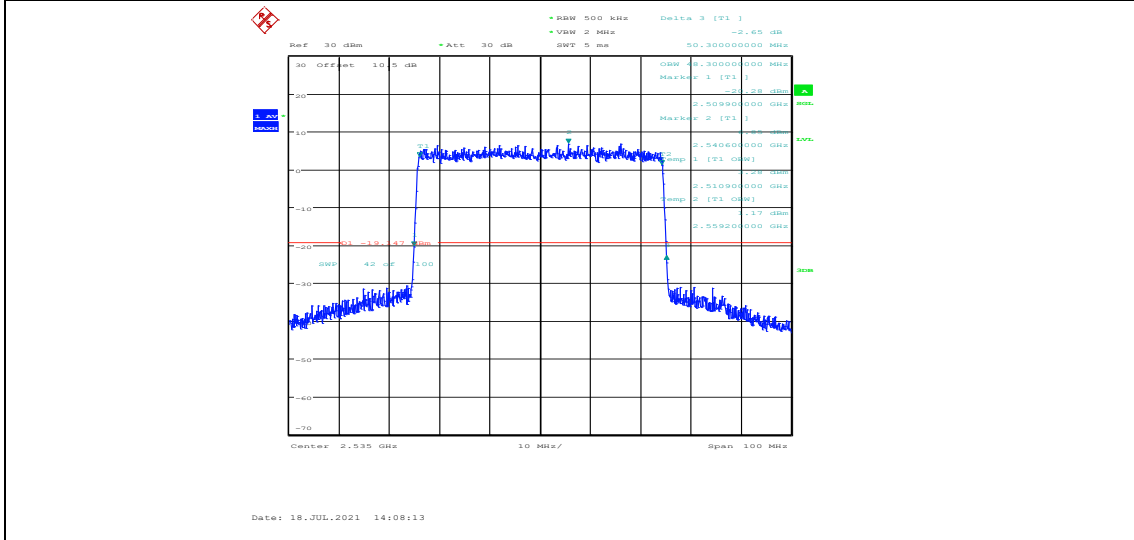
NTNV-N7-15kHz-50MHz-DFT-256QAM-Mid-Outer\_Full---PASS



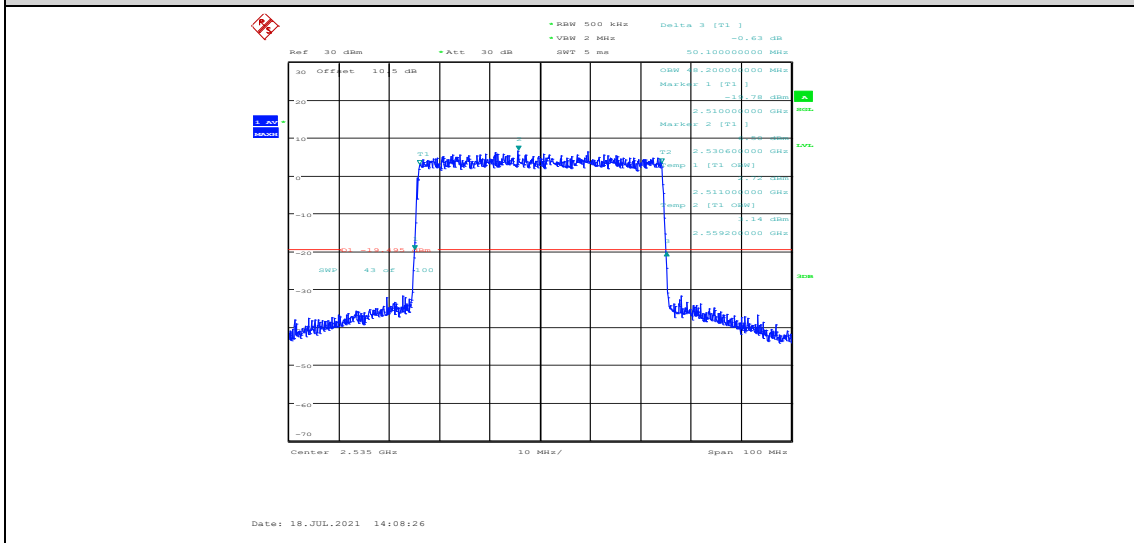
NTNV-N7-15kHz-50MHz-CP-QPSK-Mid-Outer\_Full---PASS



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**NTNV-N7-15kHz-50MHz-CP-16QAM-Mid-Outer\_Full---PASS**



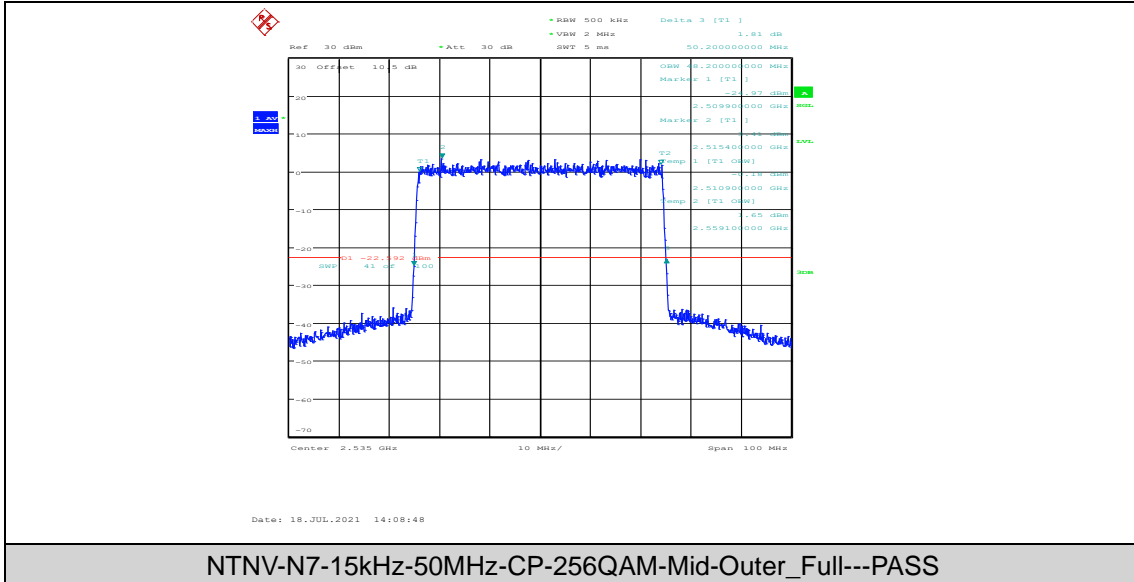
**NTNV-N7-15kHz-50MHz-CP-64QAM-Mid-Outer\_Full---PASS**



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**REMARK:**

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



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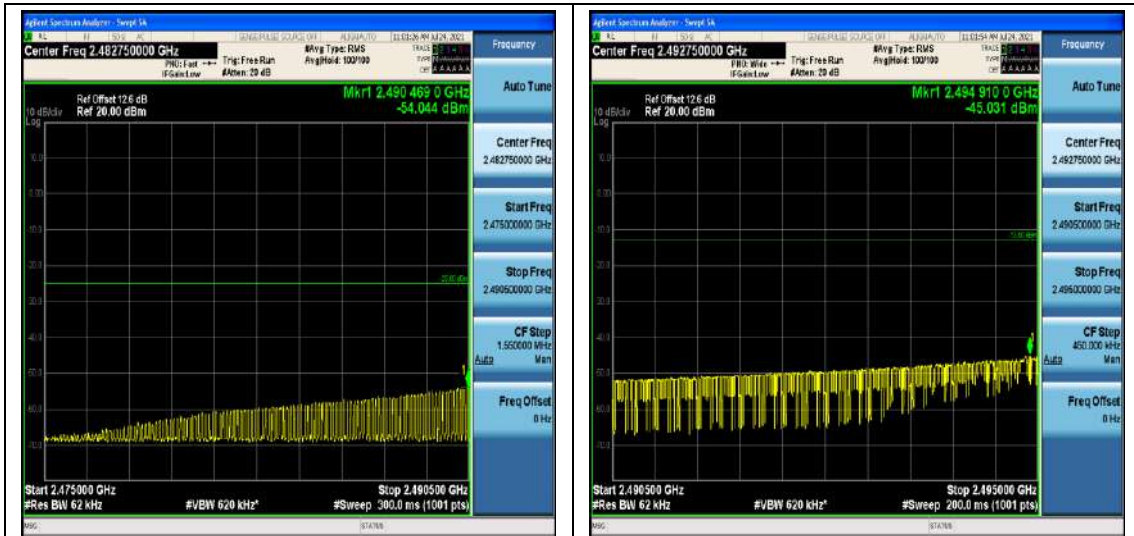
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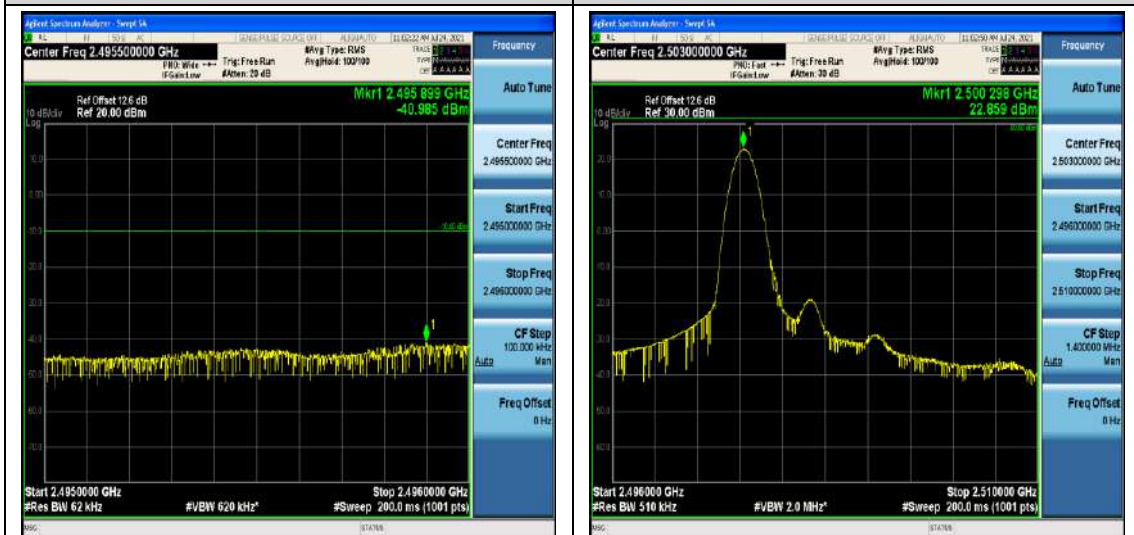
## Band Edge for SA

### Test Graphs



NTNV-N7-15kHz-5MHz-DFT-QPSK-Low-Edg  
e\_1RB\_Left-----2475-2490.5-----see  
graph-PASS

NTNV-N7-15kHz-5MHz-DFT-QPSK-Low-Edg  
e\_1RB\_Left-----2490.5-2495-----see  
graph-PASS



NTNV-N7-15kHz-5MHz-DFT-QPSK-Low-Edg  
e\_1RB\_Left-----2495-2496-----see  
graph-PASS

NTNV-N7-15kHz-5MHz-DFT-QPSK-Low-Edg  
e\_1RB\_Left-----2496-2510-----see  
graph-PASS



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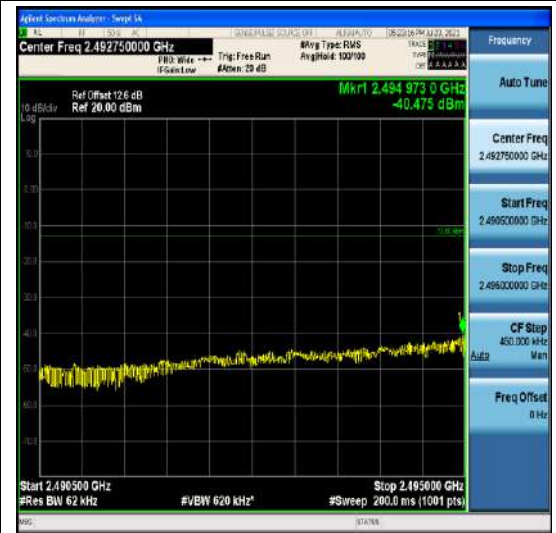
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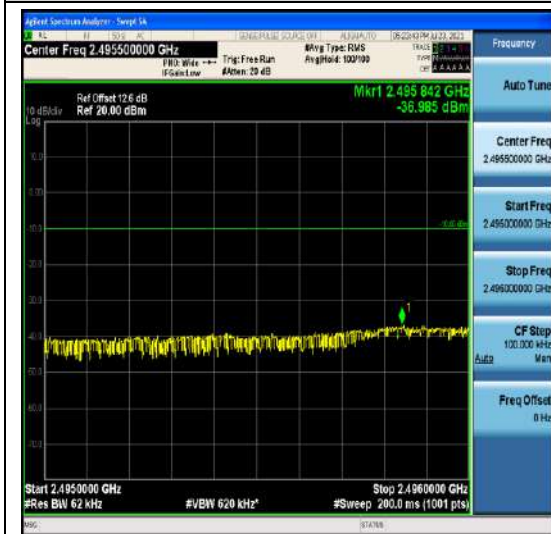
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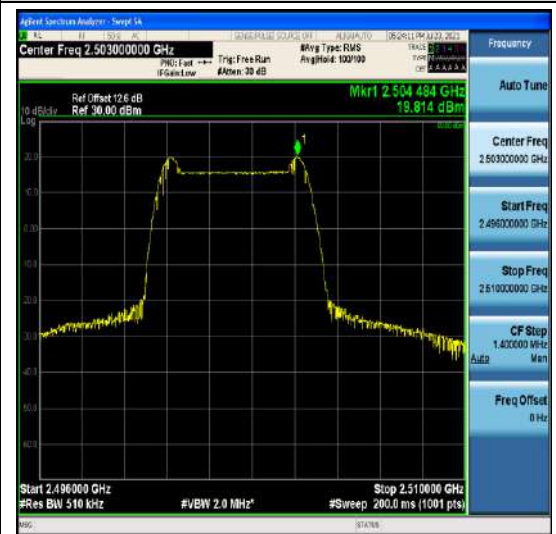
NTNV-N7-15kHz-5MHz-DFT-QPSK-Low-Out  
 er\_Full-----2475-2490.5-----see  
 graph-PASS



NTNV-N7-15kHz-5MHz-DFT-QPSK-Low-Out  
 er\_Full-----2490.5-2495-----see  
 graph-PASS



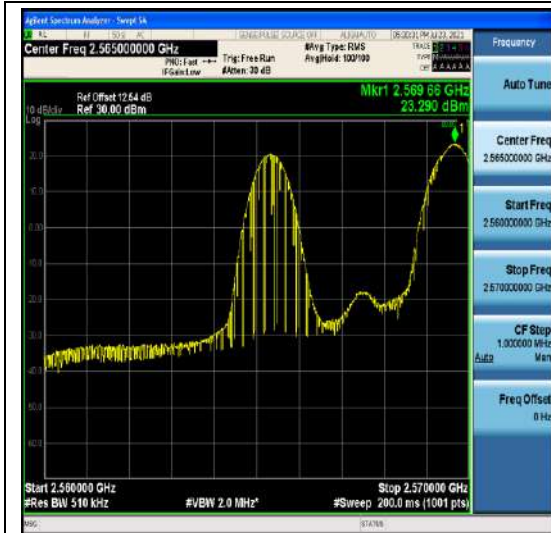
NTNV-N7-15kHz-5MHz-DFT-QPSK-Low-Out  
 er\_Full-----2495-2496-----see  
 graph-PASS



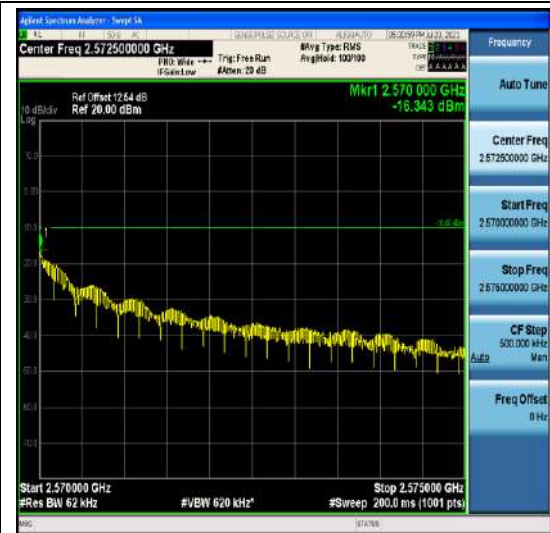
NTNV-N7-15kHz-5MHz-DFT-QPSK-Low-Out  
 er\_Full-----2496-2510-----see  
 graph-PASS



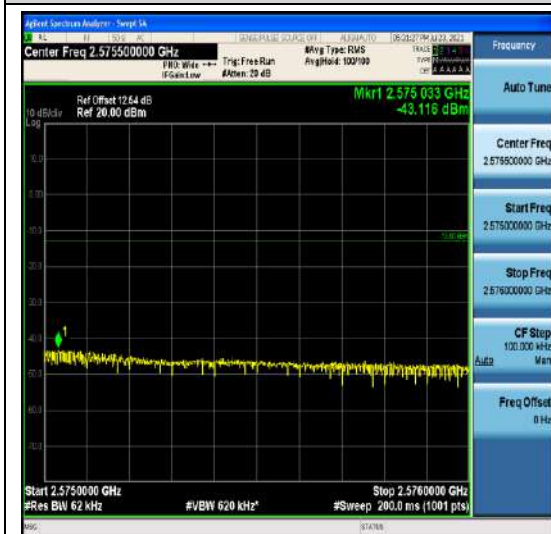
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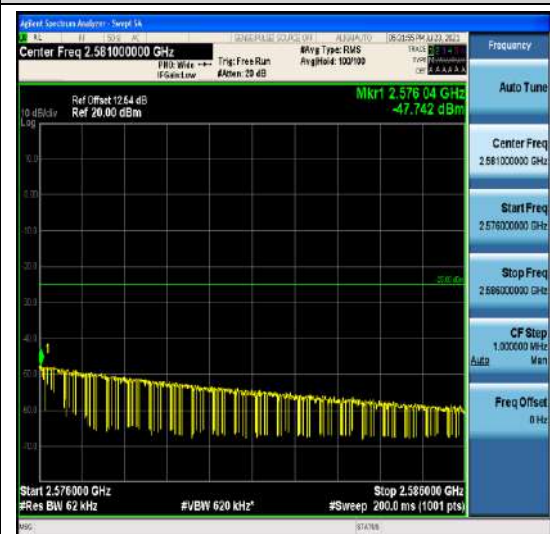
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 ge\_1RB\_Right----2560-2570----see  
 graph-PASS



NTNV-N7-15kHz-5MHz-DFT-QPSK-High-Ed  
 ge\_1RB\_Right----2570-2575----see  
 graph-PASS



NTNV-N7-15kHz-5MHz-DFT-QPSK-High-Ed  
 ge\_1RB\_Right----2575-2576----see  
 graph-PASS



NTNV-N7-15kHz-5MHz-DFT-QPSK-High-Ed  
 ge\_1RB\_Right----2576-2586----see  
 graph-PASS

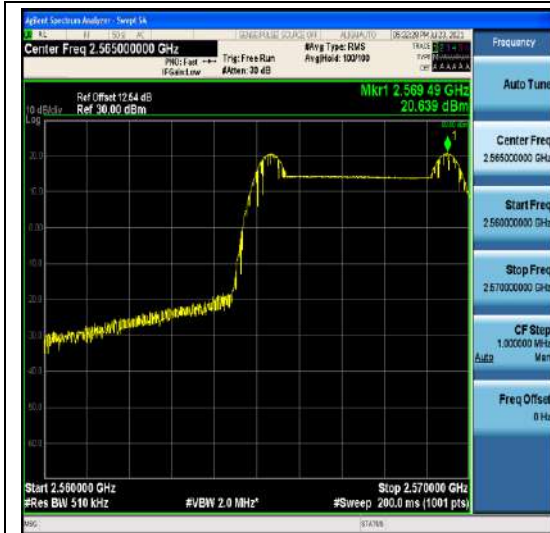


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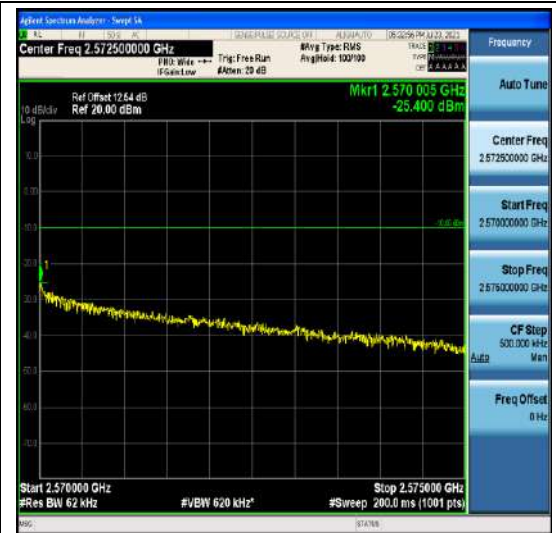
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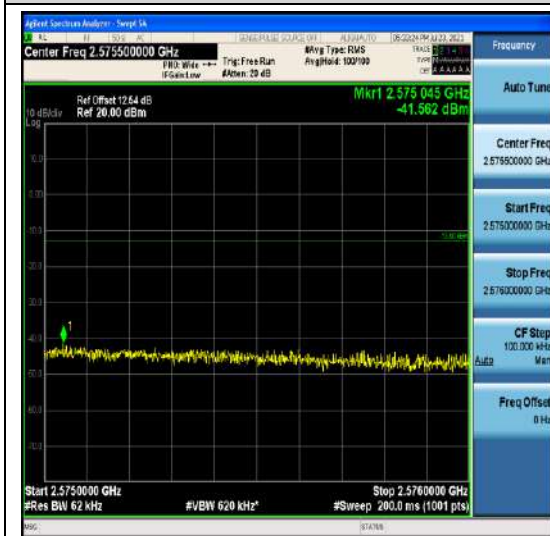
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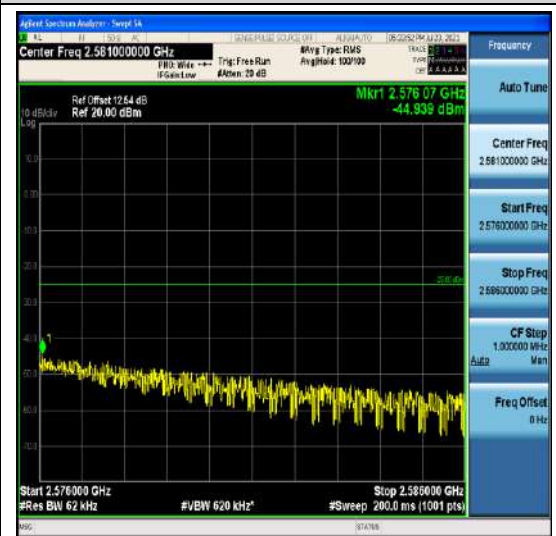
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 er\_Full-----2560-2570-----see  
 graph-PASS



NTNV-N7-15kHz-5MHz-DFT-QPSK-High-Out  
 er\_Full-----2570-2575-----see  
 graph-PASS



NTNV-N7-15kHz-5MHz-DFT-QPSK-High-Out  
 er\_Full-----2575-2576-----see  
 graph-PASS



NTNV-N7-15kHz-5MHz-DFT-QPSK-High-Out  
 er\_Full-----2576-2586-----see  
 graph-PASS

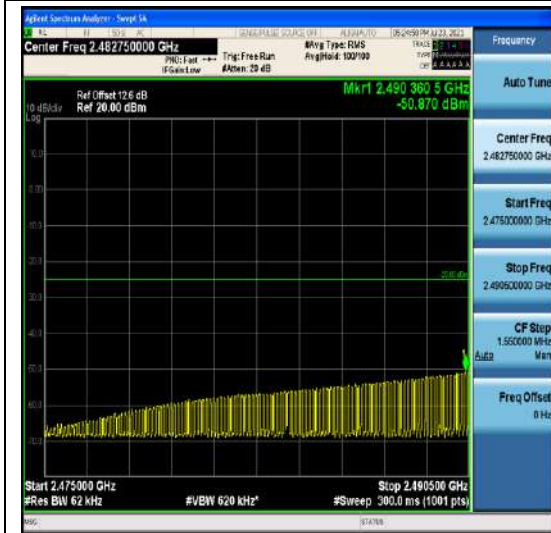


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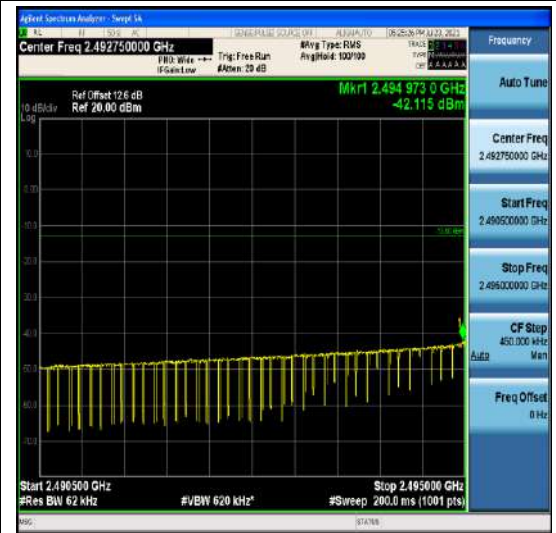
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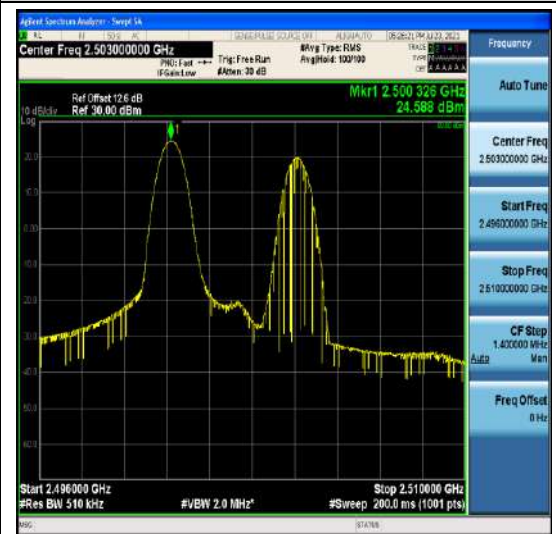
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\_1RB\_Left----2475-2490.5----see  
graph-PASS



NTNV-N7-15kHz-5MHz-CP-QPSK-Low-Edge  
\_1RB\_Left----2490.5-2495----see  
graph-PASS



NTNV-N7-15kHz-5MHz-CP-QPSK-Low-Edge  
\_1RB\_Left----2495-2496----see  
graph-PASS



NTNV-N7-15kHz-5MHz-CP-QPSK-Low-Edge  
\_1RB\_Left----2496-2510----see  
graph-PASS

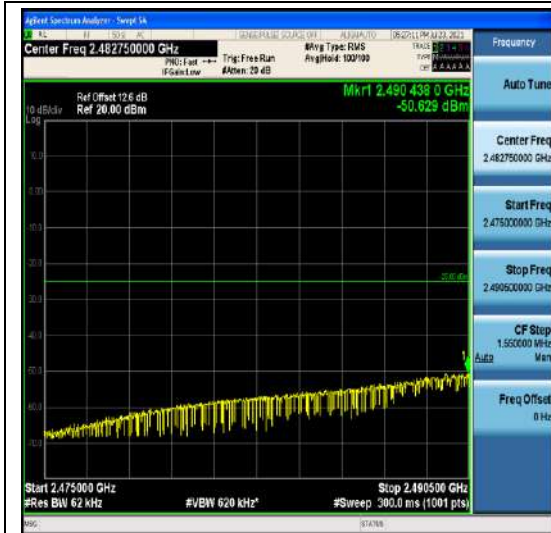


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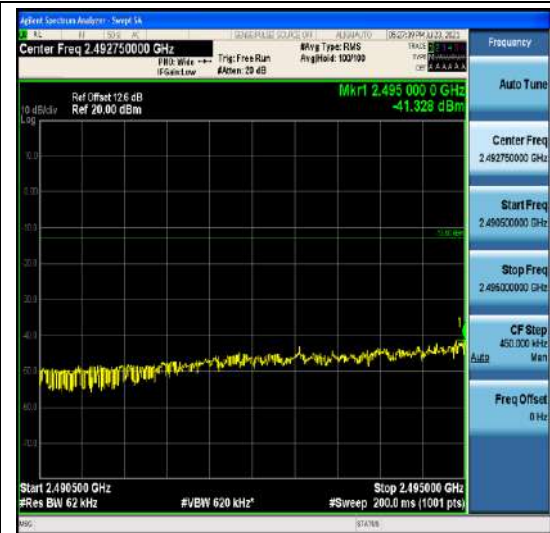
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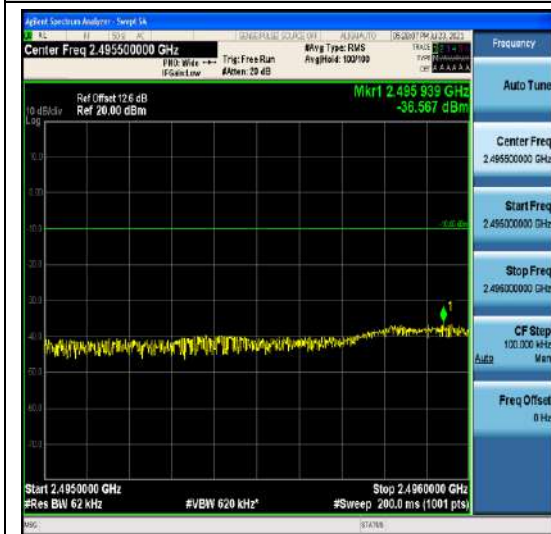
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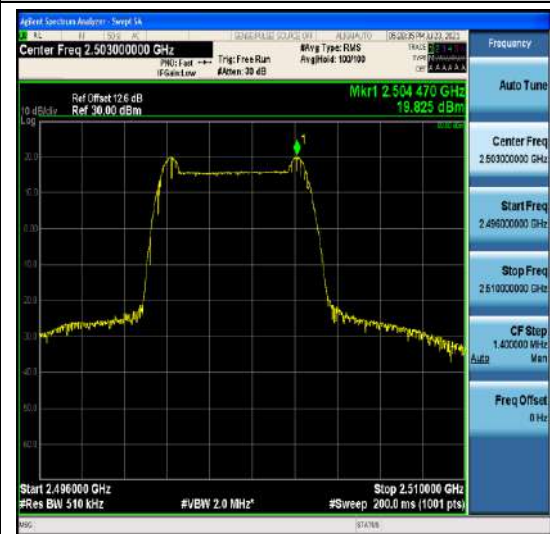
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NTNV-N7-15kHz-5MHz-CP-QPSK-Low-Outer\_Full----2490.5-2495----see graph-PASS



NTNV-N7-15kHz-5MHz-CP-QPSK-Low-Outer\_Full----2495-2496----see graph-PASS



NTNV-N7-15kHz-5MHz-CP-QPSK-Low-Outer\_Full----2496-2510----see graph-PASS

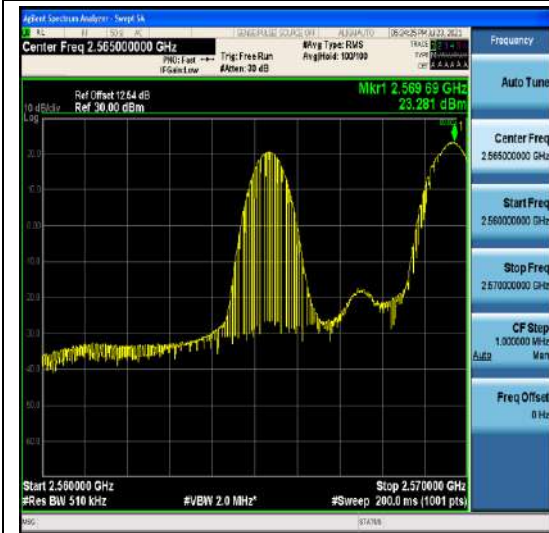


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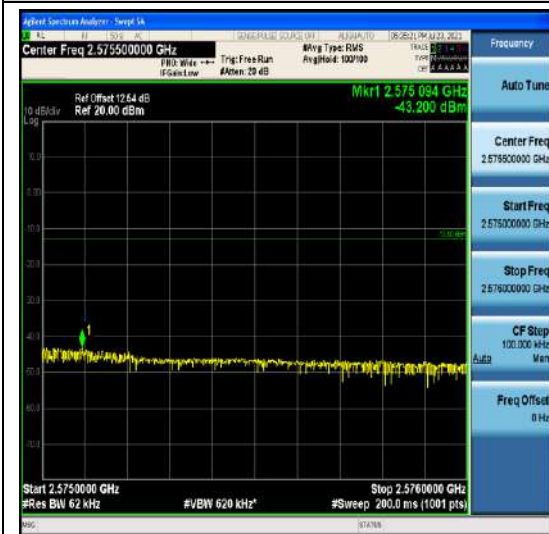
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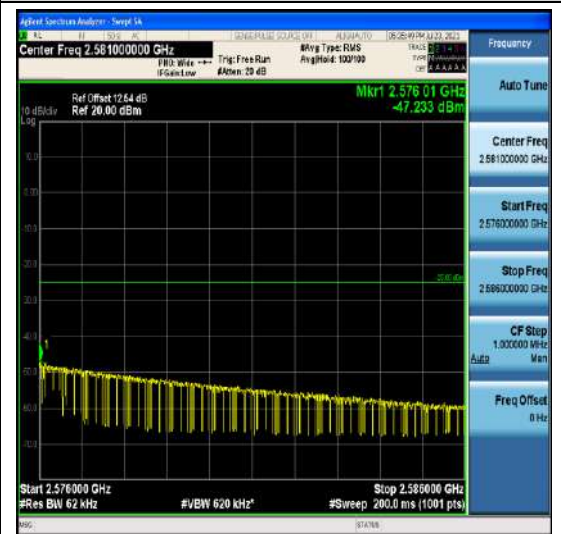
NTNV-N7-15kHz-5MHz-CP-QPSK-High-Edg  
e\_1RB\_Right----2560-2570----see  
graph-PASS



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e\_1RB\_Right----2570-2575----see  
graph-PASS



NTNV-N7-15kHz-5MHz-CP-QPSK-High-Edg  
e\_1RB\_Right----2575-2576----see  
graph-PASS



NTNV-N7-15kHz-5MHz-CP-QPSK-High-Edg  
e\_1RB\_Right----2576-2586----see  
graph-PASS



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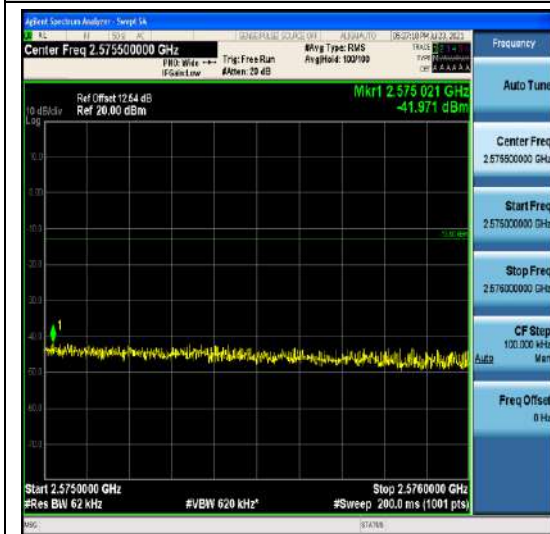




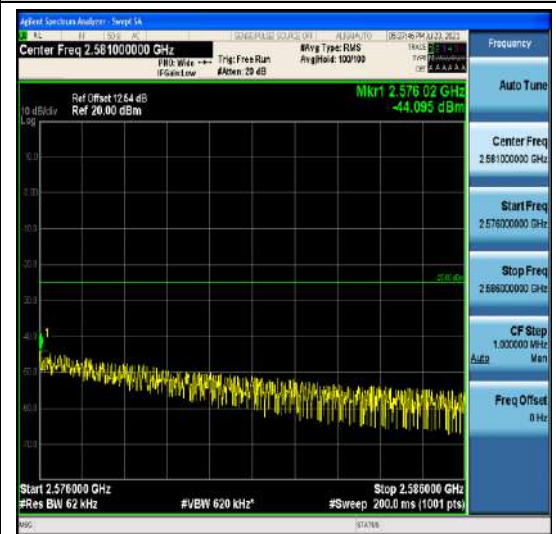
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 r\_Full----2560-2570----see  
 graph-PASS



NTNV-N7-15kHz-5MHz-CP-QPSK-High-Oute  
 r\_Full----2570-2575----see  
 graph-PASS



NTNV-N7-15kHz-5MHz-CP-QPSK-High-Oute  
 r\_Full----2575-2576----see  
 graph-PASS



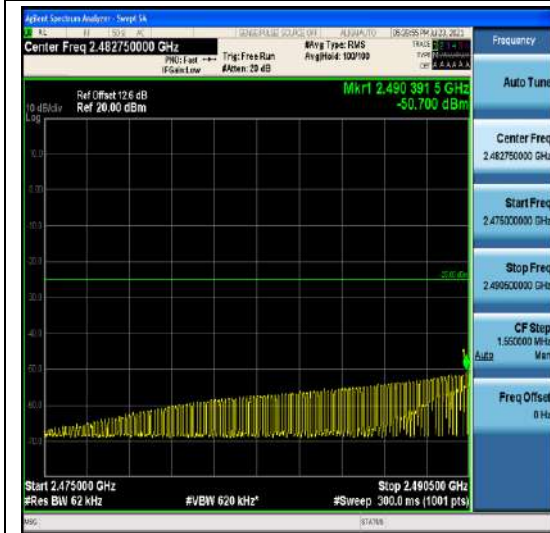
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 r\_Full----2576-2586----see  
 graph-PASS



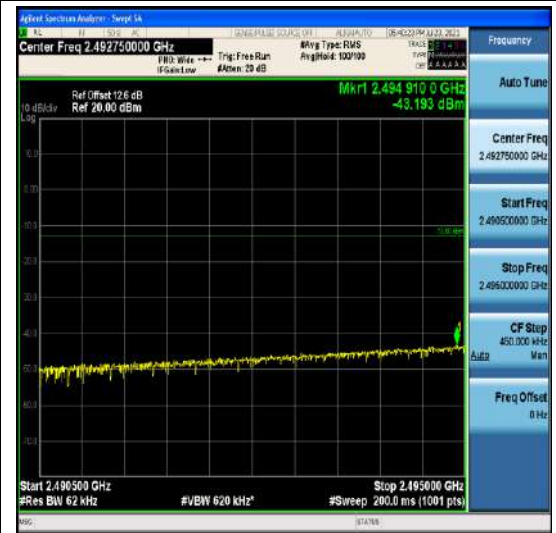
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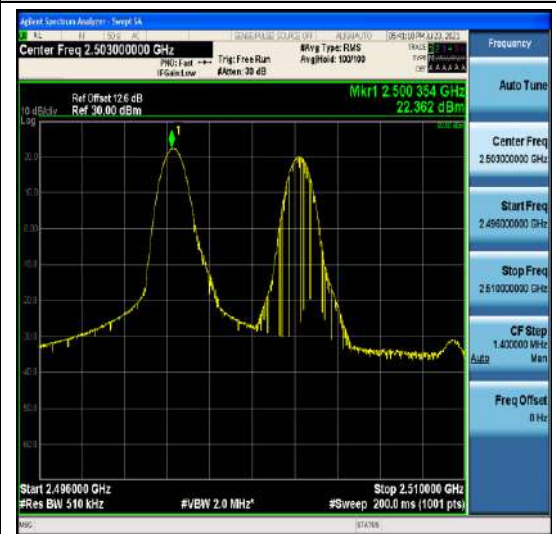
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 ge\_1RB\_Left----2475-2490.5----see  
 graph-PASS



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 ge\_1RB\_Left----2490.5-2495----see  
 graph-PASS



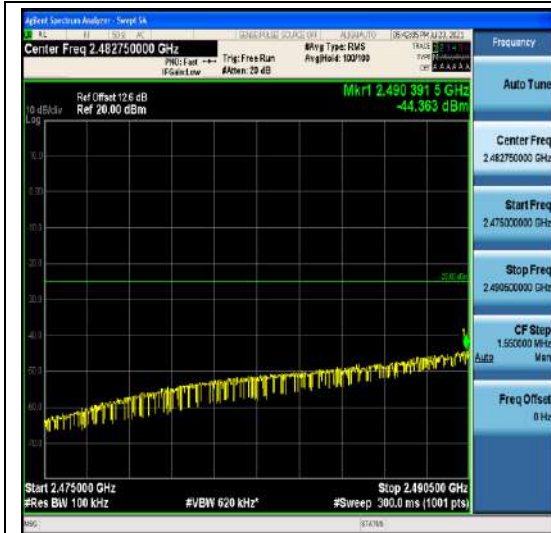
NTNV-N7-15kHz-10MHz-DFT-QPSK-Low-Ed  
 ge\_1RB\_Left----2495-2496----see  
 graph-PASS



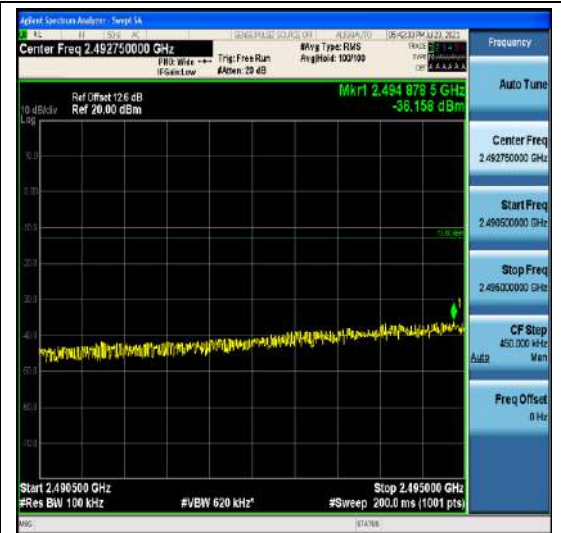
NTNV-N7-15kHz-10MHz-DFT-QPSK-Low-Ed  
 ge\_1RB\_Left----2496-2510----see  
 graph-PASS



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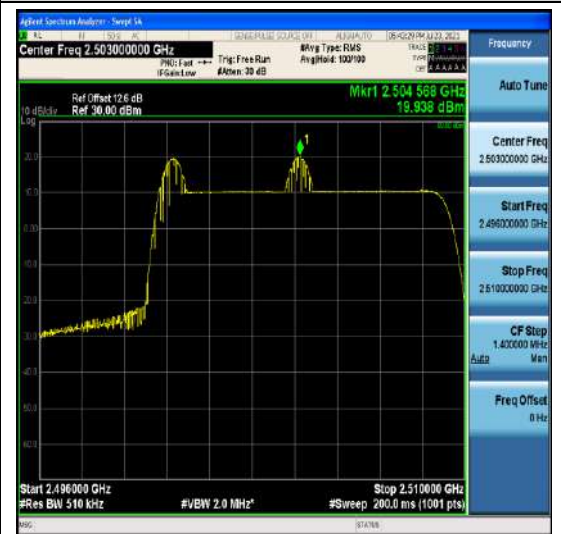
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 ter\_Full-----2475-2490.5-----see  
 graph-PASS



NTNV-N7-15kHz-10MHz-DFT-QPSK-Low-Ou  
 ter\_Full-----2490.5-2495-----see  
 graph-PASS



NTNV-N7-15kHz-10MHz-DFT-QPSK-Low-Ou  
 ter\_Full-----2495-2496-----see  
 graph-PASS



NTNV-N7-15kHz-10MHz-DFT-QPSK-Low-Ou  
 ter\_Full-----2496-2510-----see  
 graph-PASS



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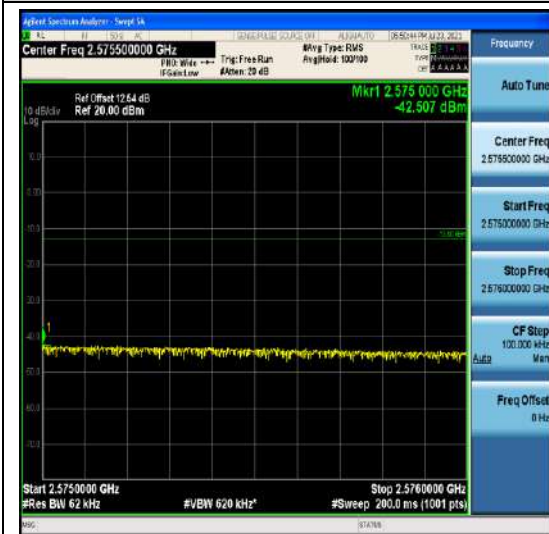
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NTNV-N7-15kHz-10MHz-DFT-QPSK-High-E  
 dge\_1RB\_Right----2560-2570----see  
 graph-PASS



NTNV-N7-15kHz-10MHz-DFT-QPSK-High-E  
 dge\_1RB\_Right----2570-2575----see  
 graph-PASS



NTNV-N7-15kHz-10MHz-DFT-QPSK-High-E  
 dge\_1RB\_Right----2575-2576----see  
 graph-PASS



NTNV-N7-15kHz-10MHz-DFT-QPSK-High-E  
 dge\_1RB\_Right----2576-2586----see  
 graph-PASS



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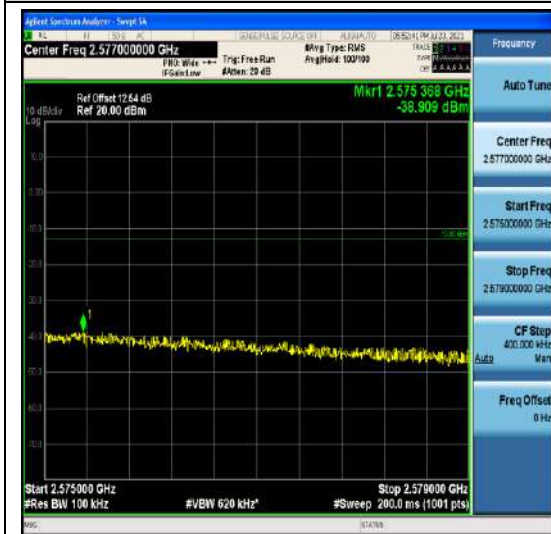
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NTNV-N7-15kHz-10MHz-DFT-QPSK-High-O  
uter\_Full----2560-2570----see  
graph-PASS



NTNV-N7-15kHz-10MHz-DFT-QPSK-High-O  
uter\_Full----2570-2575----see  
graph-PASS



NTNV-N7-15kHz-10MHz-DFT-QPSK-High-O  
uter\_Full----2575-2579----see  
graph-PASS

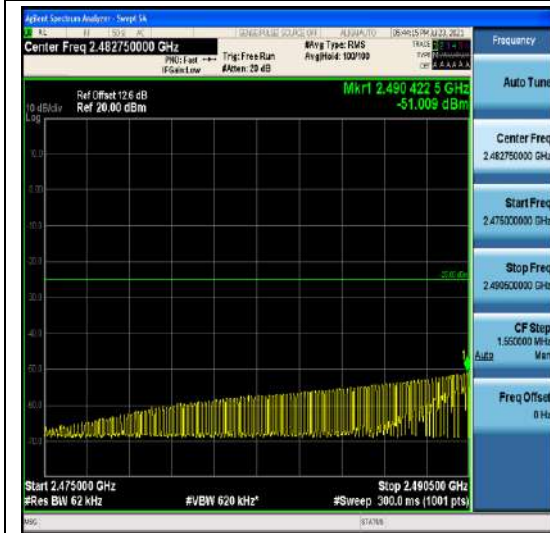


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uter\_Full----2579-2589----see  
graph-PASS



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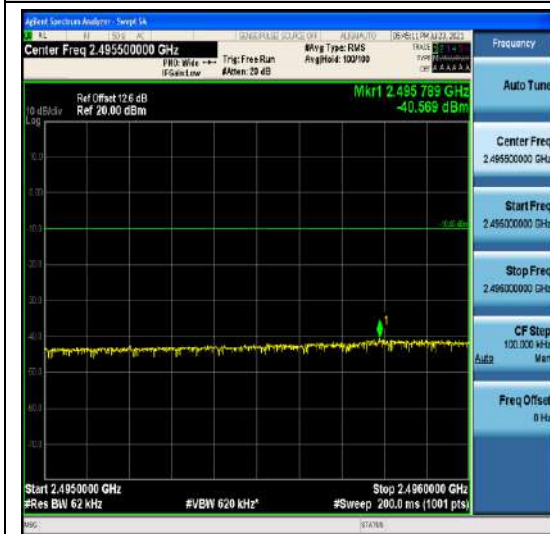
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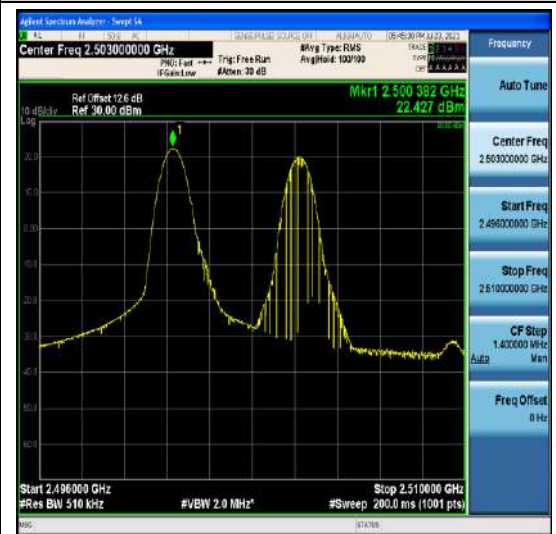
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e\_1RB\_Left----2475-2490.5----see  
graph-PASS



NTNV-N7-15kHz-10MHz-CP-QPSK-Low-Edg  
e\_1RB\_Left----2490.5-2495----see  
graph-PASS

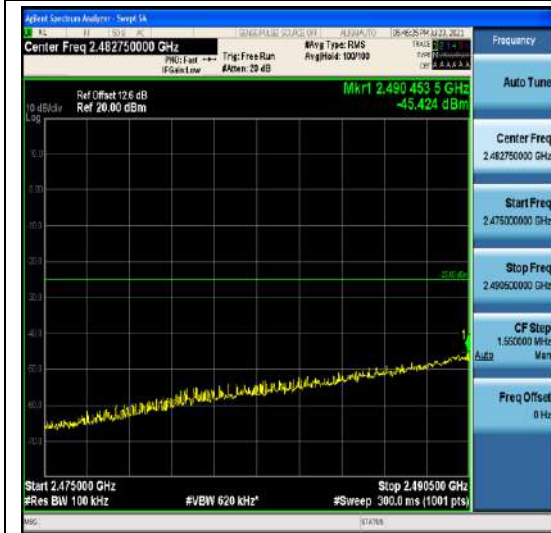


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e\_1RB\_Left----2495-2496----see  
graph-PASS



NTNV-N7-15kHz-10MHz-CP-QPSK-Low-Edg  
e\_1RB\_Left----2496-2510----see  
graph-PASS





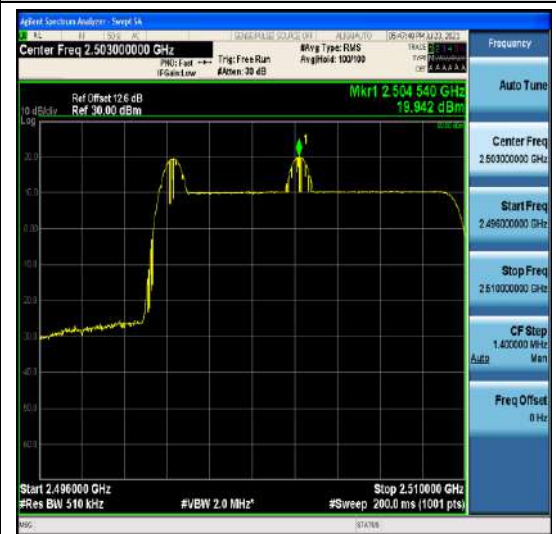
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 er\_Full-----2475-2490.5-----see  
 graph-PASS



NTNV-N7-15kHz-10MHz-CP-QPSK-Low-Out  
 er\_Full-----2490.5-2495-----see  
 graph-PASS



NTNV-N7-15kHz-10MHz-CP-QPSK-Low-Out  
 er\_Full-----2495-2496-----see  
 graph-PASS



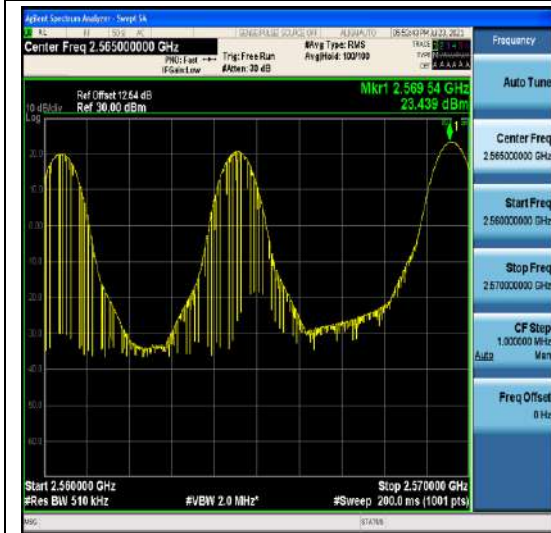
NTNV-N7-15kHz-10MHz-CP-QPSK-Low-Out  
 er\_Full-----2496-2510-----see  
 graph-PASS



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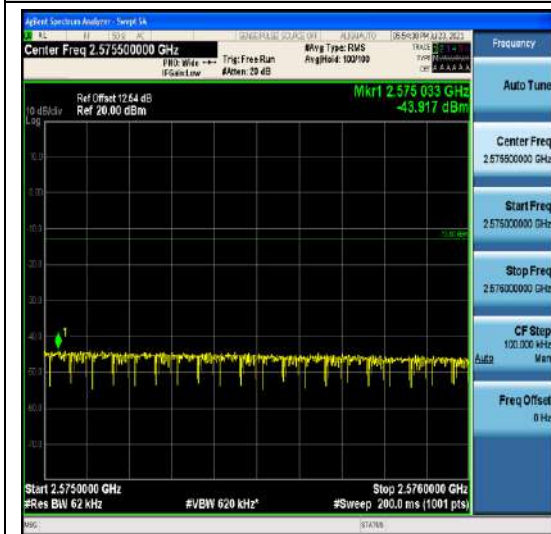
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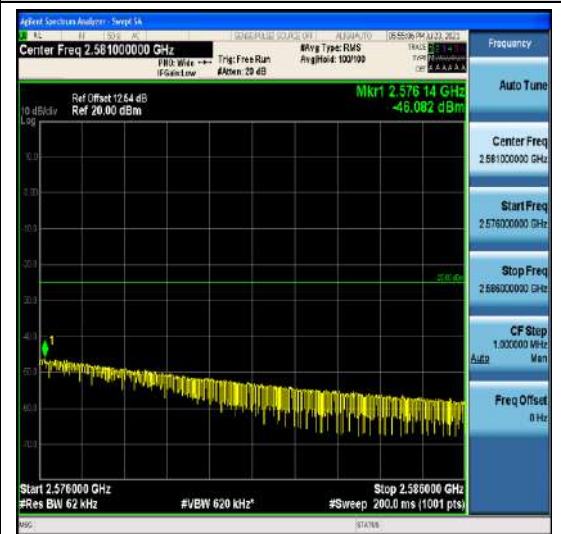
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ge\_1RB\_Right----2560-2570----see  
graph-PASS



NTNV-N7-15kHz-10MHz-CP-QPSK-High-Ed  
ge\_1RB\_Right----2570-2575----see  
graph-PASS



NTNV-N7-15kHz-10MHz-CP-QPSK-High-Ed  
ge\_1RB\_Right----2575-2576----see  
graph-PASS

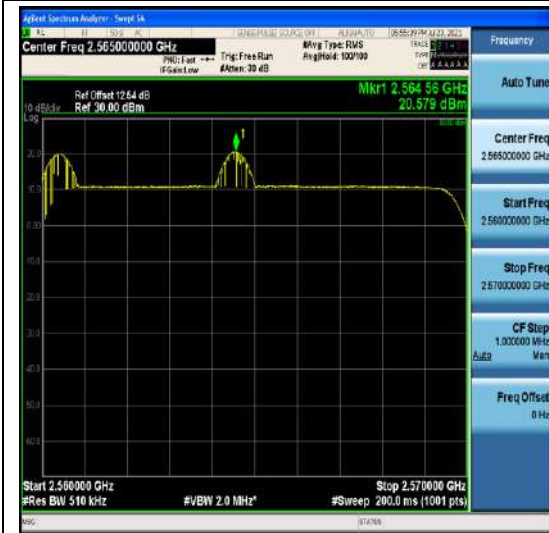


NTNV-N7-15kHz-10MHz-CP-QPSK-High-Ed  
ge\_1RB\_Right----2576-2586----see  
graph-PASS



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NTNV-N7-15kHz-10MHz-CP-QPSK-High-Out  
er\_Full----2560-2570----see  
graph-PASS



NTNV-N7-15kHz-10MHz-CP-QPSK-High-Out  
er\_Full----2570-2575----see  
graph-PASS



NTNV-N7-15kHz-10MHz-CP-QPSK-High-Out  
er\_Full----2575-2579.36----see  
graph-PASS



NTNV-N7-15kHz-10MHz-CP-QPSK-High-Out  
er\_Full----2579.36-2589.36----see  
graph-PASS

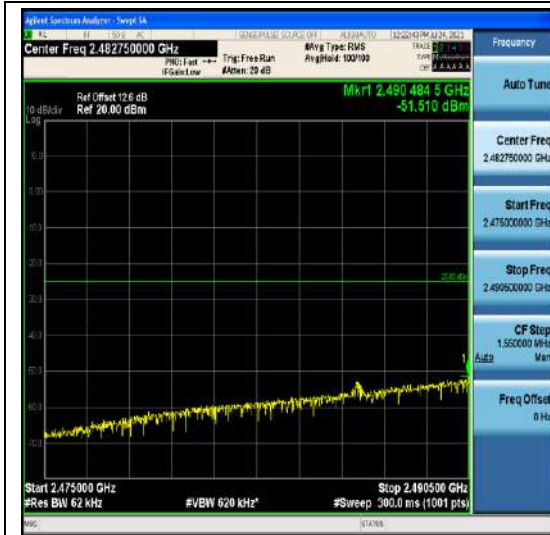


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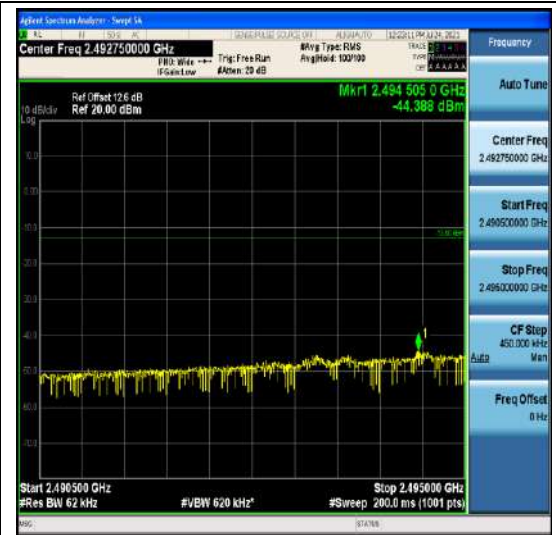
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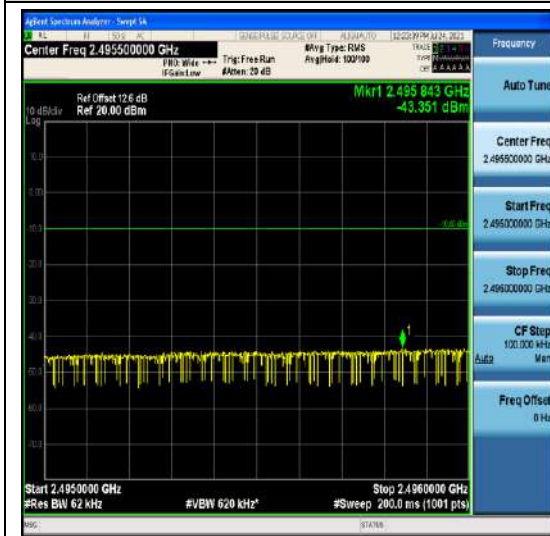
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NTNV-N7-15kHz-15MHz-DFT-QPSK-Low-Ed  
ge\_1RB\_Left----2475-2490.5----see  
graph-PASS



NTNV-N7-15kHz-15MHz-DFT-QPSK-Low-Ed  
ge\_1RB\_Left----2490.5-2495----see  
graph-PASS



NTNV-N7-15kHz-15MHz-DFT-QPSK-Low-Ed  
ge\_1RB\_Left----2495-2496----see  
graph-PASS



NTNV-N7-15kHz-15MHz-DFT-QPSK-Low-Ed  
ge\_1RB\_Left----2496-2510----see  
graph-PASS



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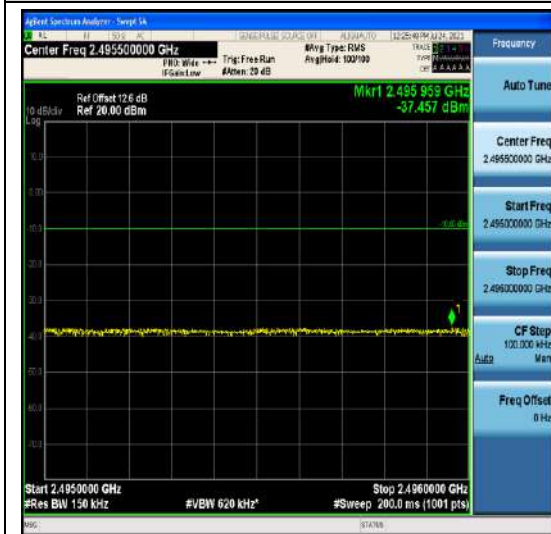
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NTNV-N7-15kHz-15MHz-DFT-QPSK-Low-Ou  
ter\_Full-----2475-2490.5-----see  
graph-PASS



NTNV-N7-15kHz-15MHz-DFT-QPSK-Low-Ou  
ter\_Full-----2490.5-2495-----see  
graph-PASS



NTNV-N7-15kHz-15MHz-DFT-QPSK-Low-Ou  
ter\_Full-----2495-2496-----see  
graph-PASS



NTNV-N7-15kHz-15MHz-DFT-QPSK-Low-Ou  
ter\_Full-----2496-2510-----see  
graph-PASS



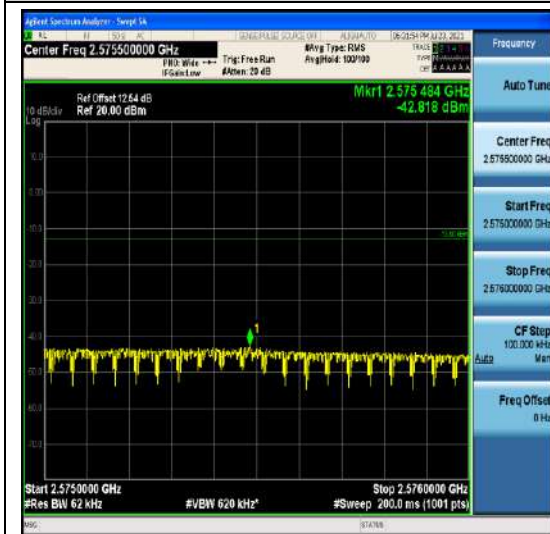
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dge\_1RB\_Right----2560-2570----see  
graph-PASS



NTNV-N7-15kHz-15MHz-DFT-QPSK-High-E  
dge\_1RB\_Right----2570-2575----see  
graph-PASS



NTNV-N7-15kHz-15MHz-DFT-QPSK-High-E  
dge\_1RB\_Right----2575-2576----see  
graph-PASS



NTNV-N7-15kHz-15MHz-DFT-QPSK-High-E  
dge\_1RB\_Right----2576-2586----see  
graph-PASS





NTNV-N7-15kHz-15MHz-DFT-QPSK-High-O  
uter\_Full-----2560-2570-----see  
graph-PASS



NTNV-N7-15kHz-15MHz-DFT-QPSK-High-O  
uter\_Full-----2570-2575-----see  
graph-PASS



NTNV-N7-15kHz-15MHz-DFT-QPSK-High-O  
uter\_Full-----2575-2583.5-----see  
graph-PASS



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uter\_Full-----2583.5-2593.5-----see  
graph-PASS

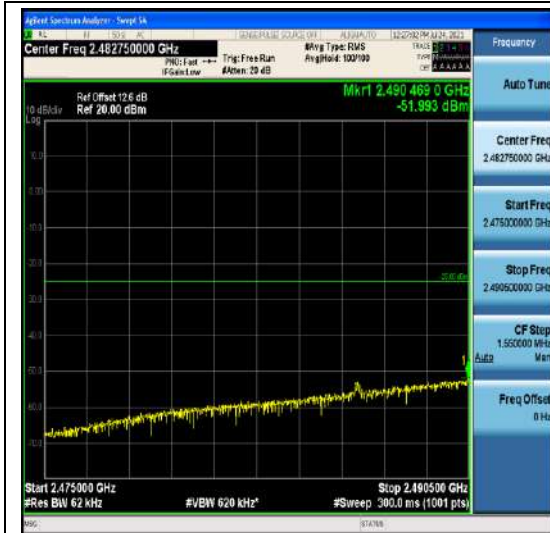


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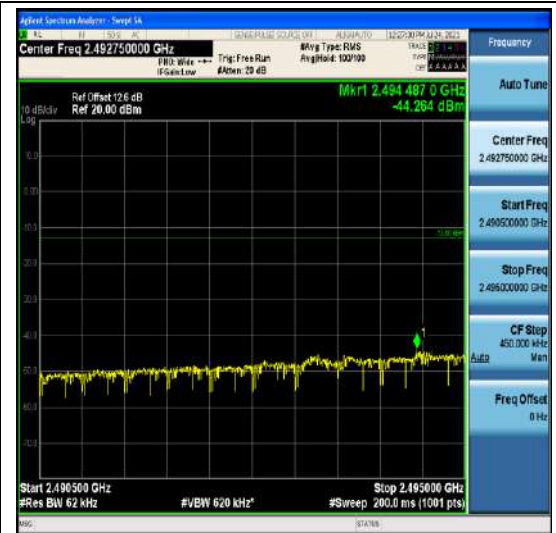
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中国·西安·沣东新城科园三路157号康隆橙方科技园1号楼D单元1层 邮编: 710086

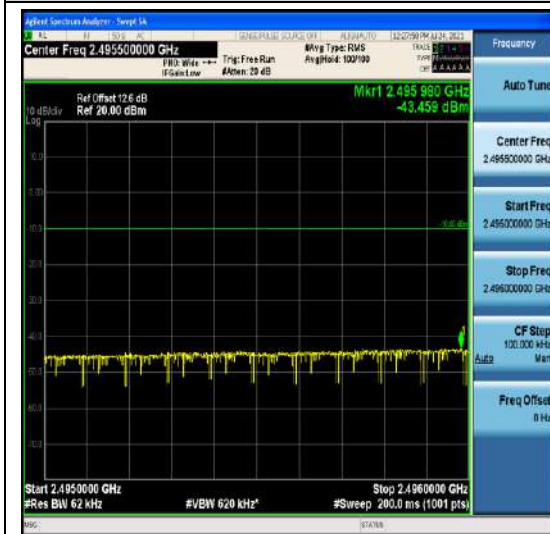
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NTNV-N7-15kHz-15MHz-CP-QPSK-Low-Edg  
 e\_1RB\_Left----2475-2490.5----see  
 graph-PASS



NTNV-N7-15kHz-15MHz-CP-QPSK-Low-Edg  
 e\_1RB\_Left----2490.5-2495----see  
 graph-PASS



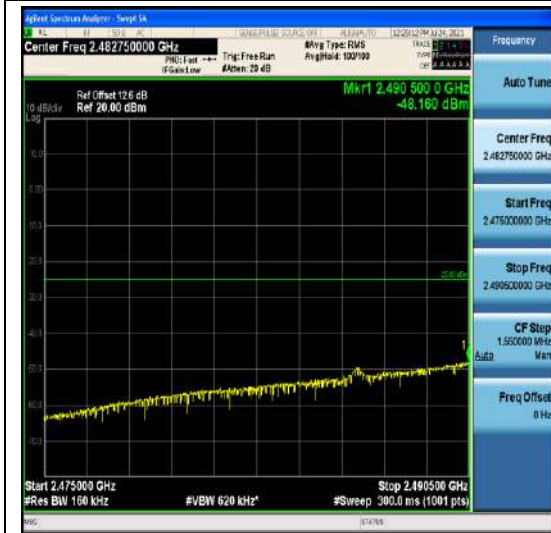
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 e\_1RB\_Left----2495-2496----see  
 graph-PASS



NTNV-N7-15kHz-15MHz-CP-QPSK-Low-Edg  
 e\_1RB\_Left----2496-2510----see  
 graph-PASS



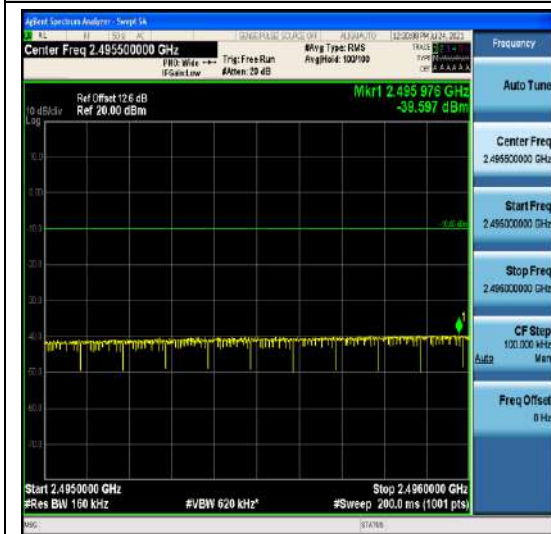
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NTNV-N7-15kHz-15MHz-CP-QPSK-Low-Out  
er\_Full-----2475-2490.5-----see  
graph-PASS



NTNV-N7-15kHz-15MHz-CP-QPSK-Low-Out  
er\_Full-----2490.5-2495-----see  
graph-PASS



NTNV-N7-15kHz-15MHz-CP-QPSK-Low-Out  
er\_Full-----2495-2496-----see  
graph-PASS



NTNV-N7-15kHz-15MHz-CP-QPSK-Low-Out  
er\_Full-----2496-2510-----see  
graph-PASS

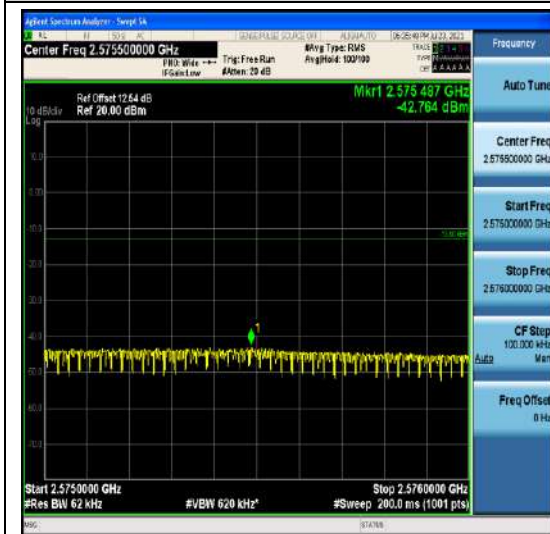




NTNV-N7-15kHz-15MHz-CP-QPSK-High-Ed  
 ge\_1RB\_Right----2560-2570----see  
 graph-PASS



NTNV-N7-15kHz-15MHz-CP-QPSK-High-Ed  
 ge\_1RB\_Right----2570-2575----see  
 graph-PASS



NTNV-N7-15kHz-15MHz-CP-QPSK-High-Ed  
 ge\_1RB\_Right----2575-2576----see  
 graph-PASS



NTNV-N7-15kHz-15MHz-CP-QPSK-High-Ed  
 ge\_1RB\_Right----2576-2586----see  
 graph-PASS



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NTNV-N7-15kHz-15MHz-CP-QPSK-High-Out  
er\_Full----2560-2570----see  
graph-PASS



NTNV-N7-15kHz-15MHz-CP-QPSK-High-Out  
er\_Full----2570-2575----see  
graph-PASS



NTNV-N7-15kHz-15MHz-CP-QPSK-High-Out  
er\_Full----2575-2584.22----see  
graph-PASS



NTNV-N7-15kHz-15MHz-CP-QPSK-High-Out  
er\_Full----2584.22-2594.22----see  
graph-PASS

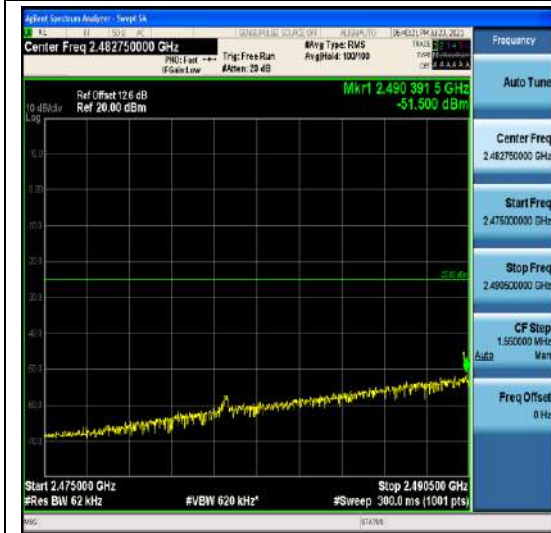


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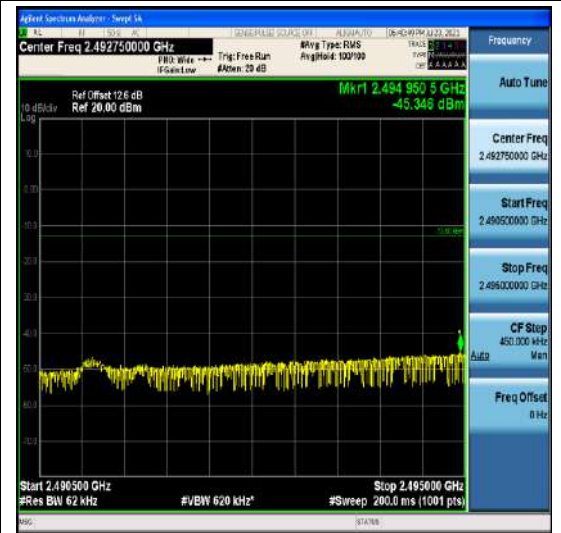
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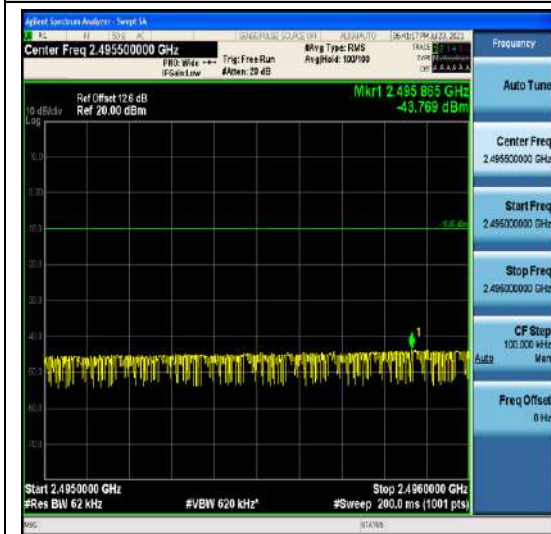
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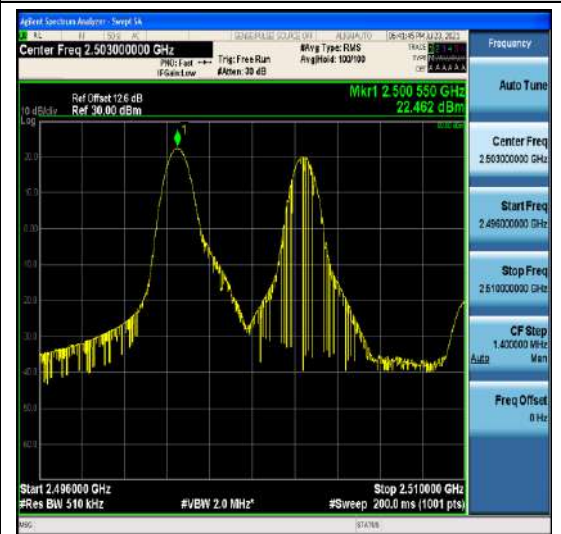
NTNV-N7-15kHz-20MHz-DFT-QPSK-Low-Ed  
 ge\_1RB\_Left----2475-2490.5----see  
 graph-PASS



NTNV-N7-15kHz-20MHz-DFT-QPSK-Low-Ed  
 ge\_1RB\_Left----2490.5-2495----see  
 graph-PASS



NTNV-N7-15kHz-20MHz-DFT-QPSK-Low-Ed  
 ge\_1RB\_Left----2495-2496----see  
 graph-PASS



NTNV-N7-15kHz-20MHz-DFT-QPSK-Low-Ed  
 ge\_1RB\_Left----2496-2510----see  
 graph-PASS



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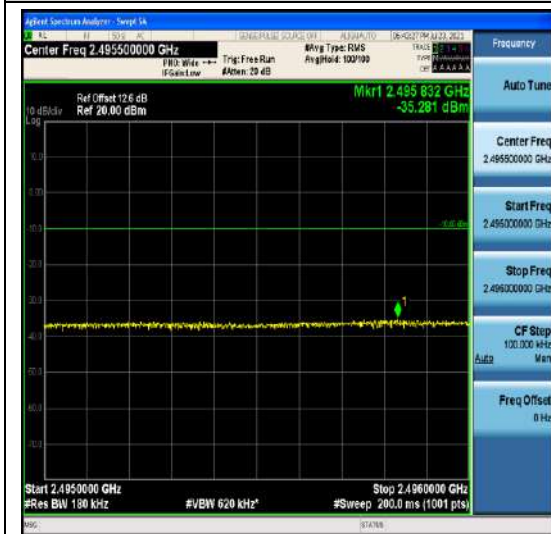
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NTNV-N7-15kHz-20MHz-DFT-QPSK-Low-Ou  
 ter\_Full-----2475-2490.5-----see  
 graph-PASS



NTNV-N7-15kHz-20MHz-DFT-QPSK-Low-Ou  
 ter\_Full-----2490.5-2495-----see  
 graph-PASS



NTNV-N7-15kHz-20MHz-DFT-QPSK-Low-Ou  
 ter\_Full-----2495-2496-----see  
 graph-PASS



NTNV-N7-15kHz-20MHz-DFT-QPSK-Low-Ou  
 ter\_Full-----2496-2510-----see  
 graph-PASS



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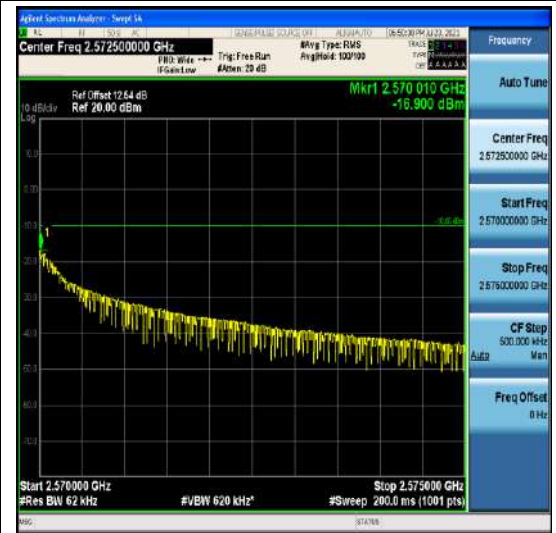
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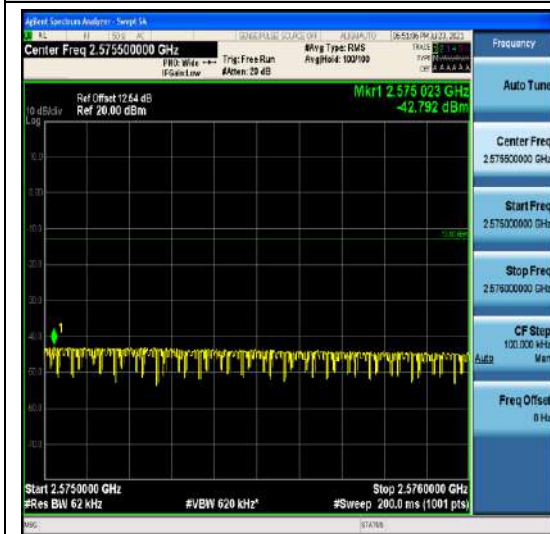
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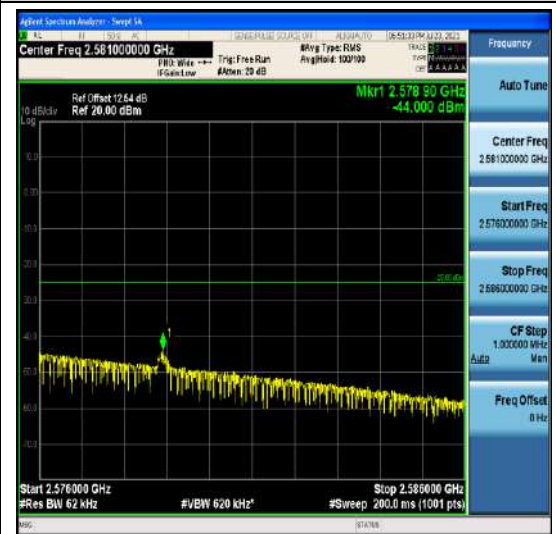
NTNV-N7-15kHz-20MHz-DFT-QPSK-High-E  
dge\_1RB\_Right-----2560-2570-----see  
graph-PASS



NTNV-N7-15kHz-20MHz-DFT-QPSK-High-E  
dge\_1RB\_Right-----2570-2575-----see  
graph-PASS



NTNV-N7-15kHz-20MHz-DFT-QPSK-High-E  
dge\_1RB\_Right-----2575-2576-----see  
graph-PASS



NTNV-N7-15kHz-20MHz-DFT-QPSK-High-E  
dge\_1RB\_Right-----2576-2586-----see  
graph-PASS



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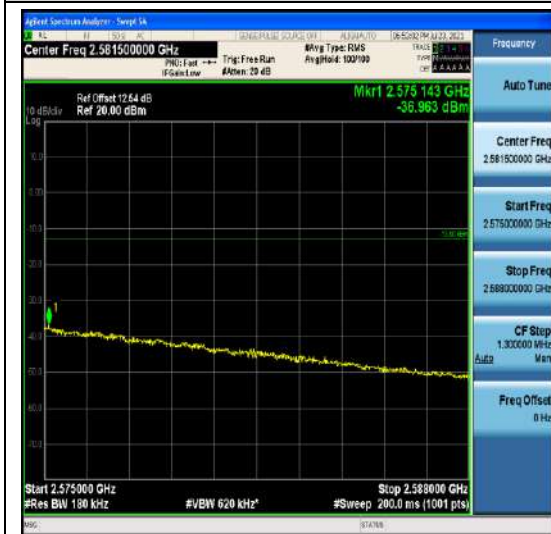
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NTNV-N7-15kHz-20MHz-DFT-QPSK-High-O  
uter\_Full----2560-2570----see  
graph-PASS



NTNV-N7-15kHz-20MHz-DFT-QPSK-High-O  
uter\_Full----2570-2575----see  
graph-PASS

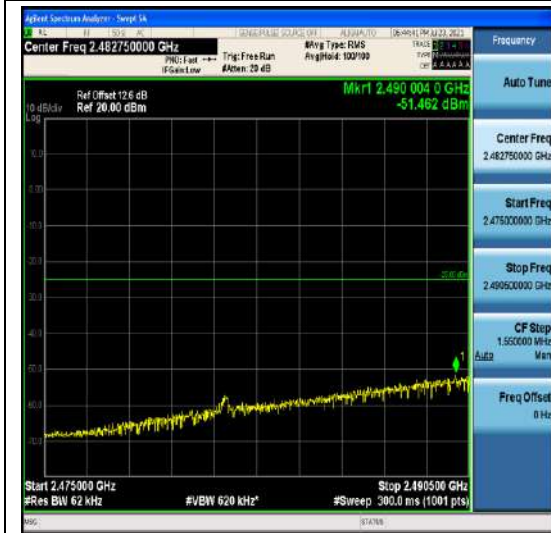


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uter\_Full----2575-2588----see  
graph-PASS

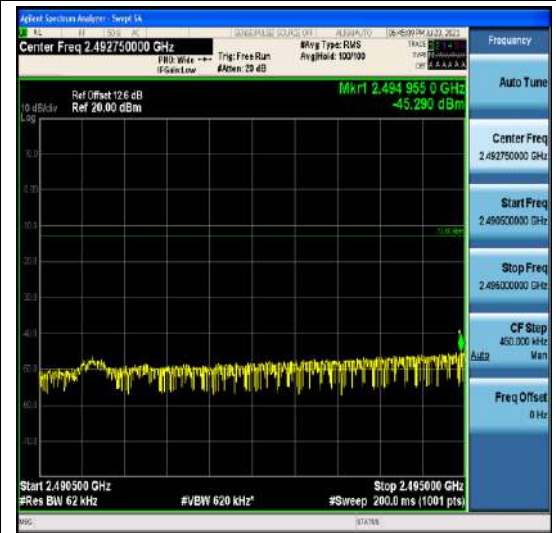


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uter\_Full----2588-2598----see  
graph-PASS

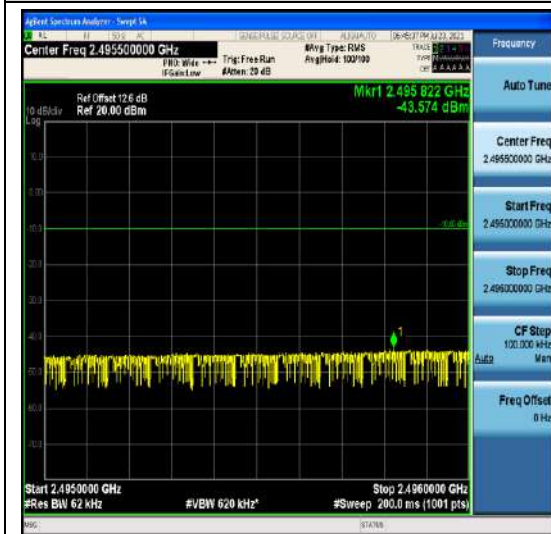




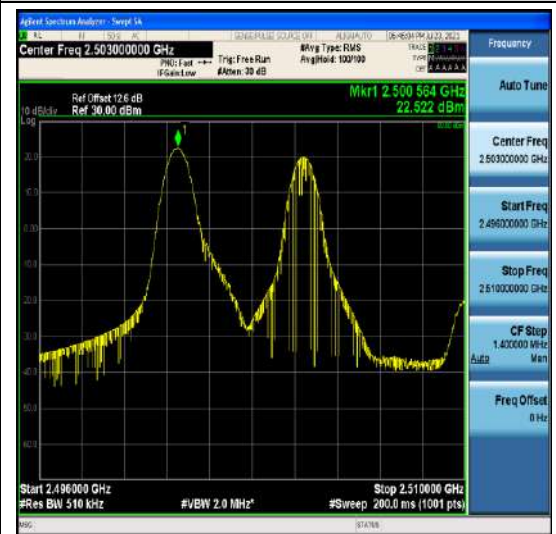
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e\_1RB\_Left----2475-2490.5----see  
graph-PASS



NTNV-N7-15kHz-20MHz-CP-QPSK-Low-Edg  
e\_1RB\_Left----2490.5-2495----see  
graph-PASS



NTNV-N7-15kHz-20MHz-CP-QPSK-Low-Edg  
e\_1RB\_Left----2495-2496----see  
graph-PASS



NTNV-N7-15kHz-20MHz-CP-QPSK-Low-Edg  
e\_1RB\_Left----2496-2510----see  
graph-PASS



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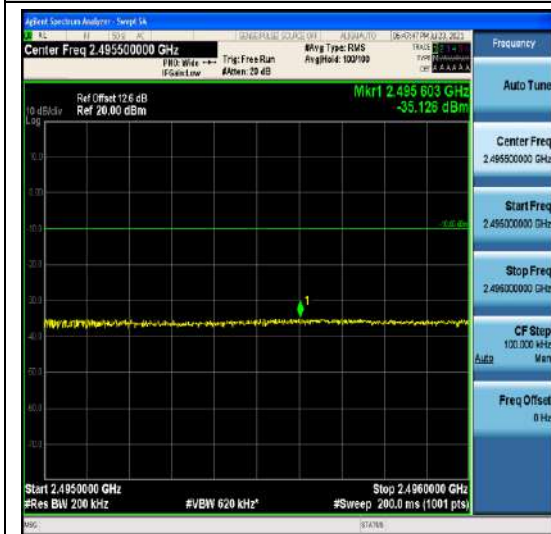
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NTNV-N7-15kHz-20MHz-CP-QPSK-Low-Out  
 er\_Full-----2475-2490.5-----see  
 graph-PASS



NTNV-N7-15kHz-20MHz-CP-QPSK-Low-Out  
 er\_Full-----2490.5-2495-----see  
 graph-PASS



NTNV-N7-15kHz-20MHz-CP-QPSK-Low-Out  
 er\_Full-----2495-2496-----see  
 graph-PASS



NTNV-N7-15kHz-20MHz-CP-QPSK-Low-Out  
 er\_Full-----2496-2510-----see  
 graph-PASS



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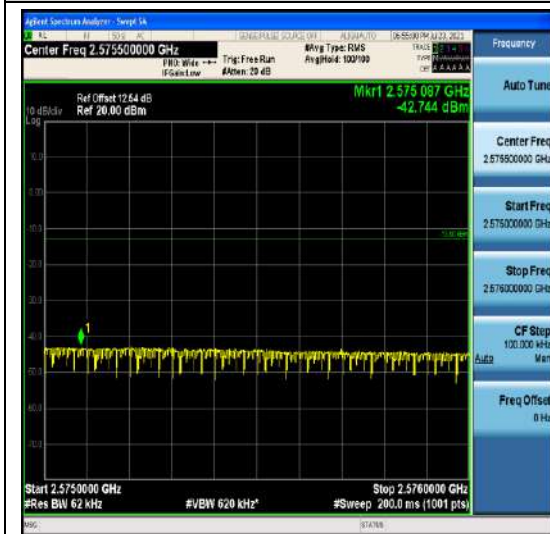
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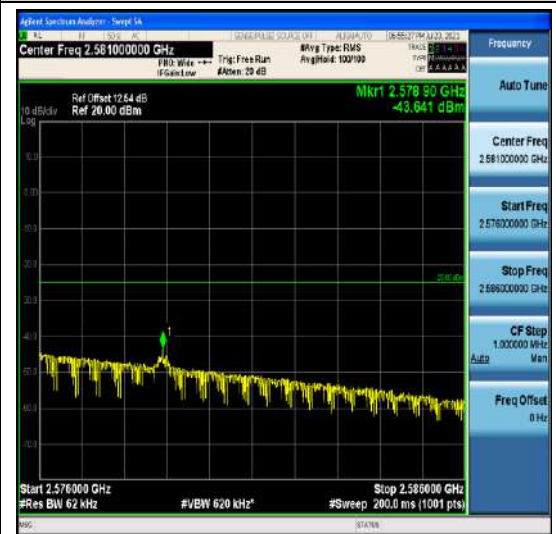
NTNV-N7-15kHz-20MHz-CP-QPSK-High-Ed  
ge\_1RB\_Right----2560-2570----see  
graph-PASS



NTNV-N7-15kHz-20MHz-CP-QPSK-High-Ed  
ge\_1RB\_Right----2570-2575----see  
graph-PASS



NTNV-N7-15kHz-20MHz-CP-QPSK-High-Ed  
ge\_1RB\_Right----2575-2576----see  
graph-PASS



NTNV-N7-15kHz-20MHz-CP-QPSK-High-Ed  
ge\_1RB\_Right----2576-2586----see  
graph-PASS



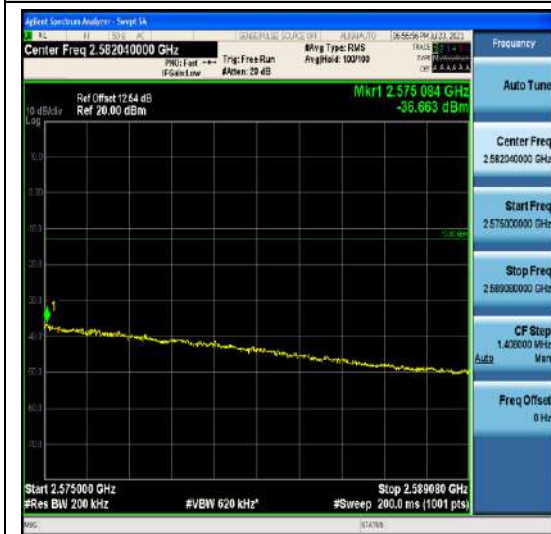




NTNV-N7-15kHz-20MHz-CP-QPSK-High-Out  
er\_Full----2560-2570----see  
graph-PASS



NTNV-N7-15kHz-20MHz-CP-QPSK-High-Out  
er\_Full----2570-2575----see  
graph-PASS



NTNV-N7-15kHz-20MHz-CP-QPSK-High-Out  
er\_Full----2575-2589.08----see  
graph-PASS



NTNV-N7-15kHz-20MHz-CP-QPSK-High-Out  
er\_Full----2589.08-2599.08----see  
graph-PASS

**REMARK:**

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



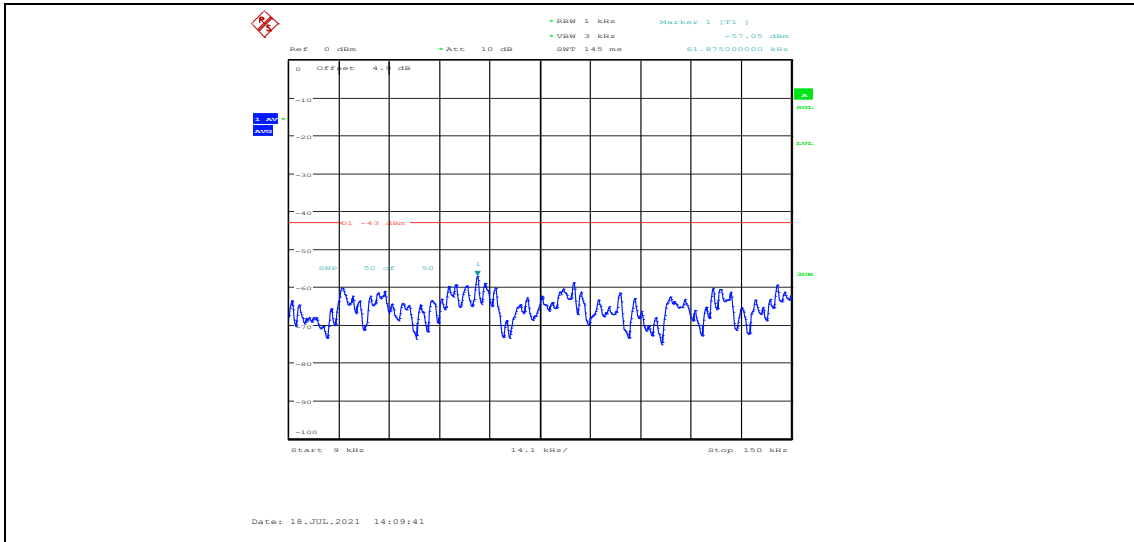
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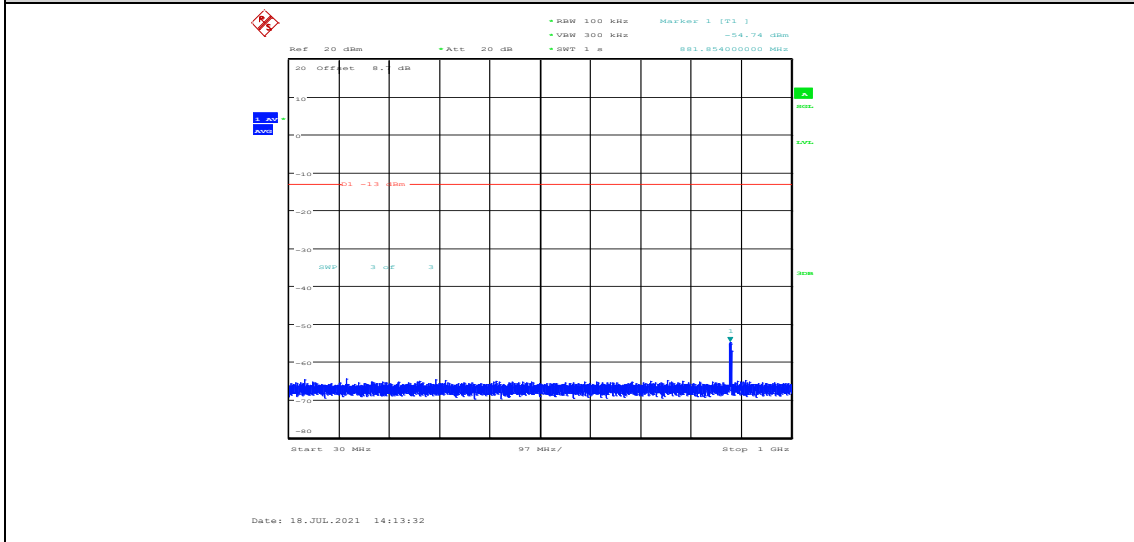
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## Conducted Spurious Emission for SA

### Test Graphs



NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-Low-Edge\_1RB\_Left-----0.009-0.15MHZ-PASS

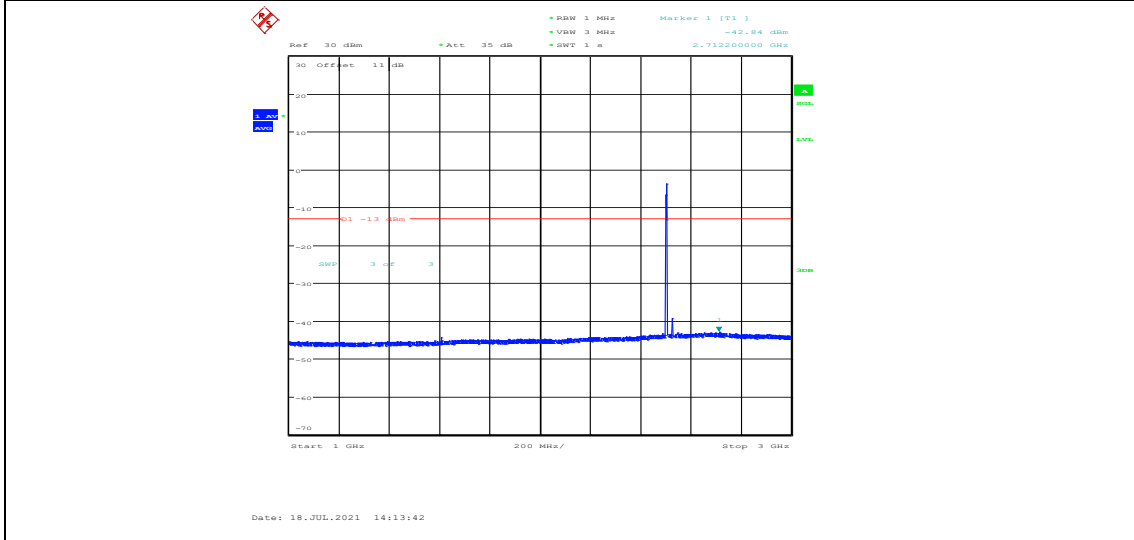


NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-Low-Edge\_1RB\_Left-----30-1000MHZ-PASS

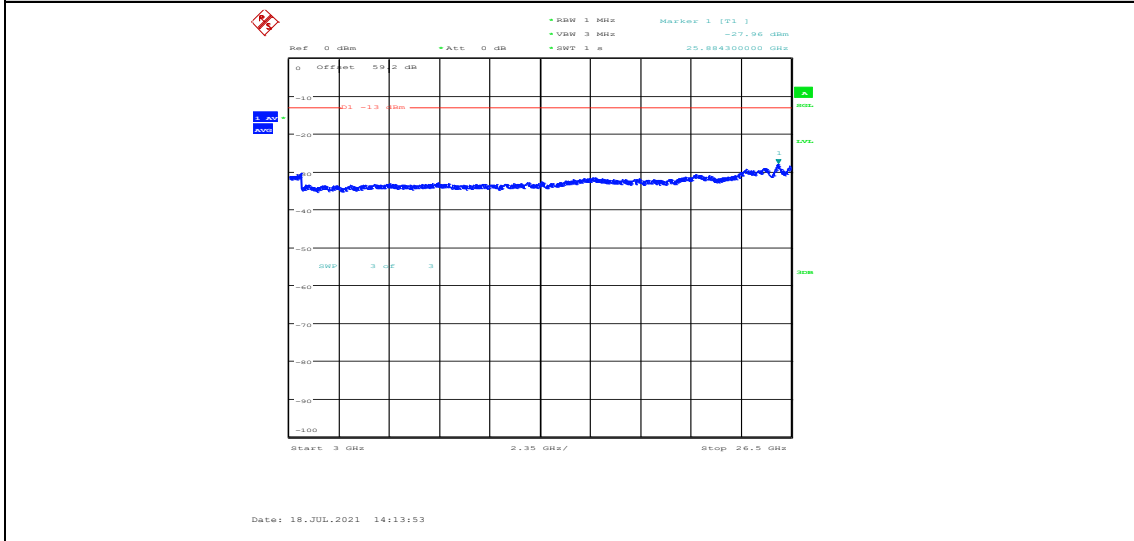


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NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-Low-Edge\_1RB\_Left-----1000-3000MHZ-PASS

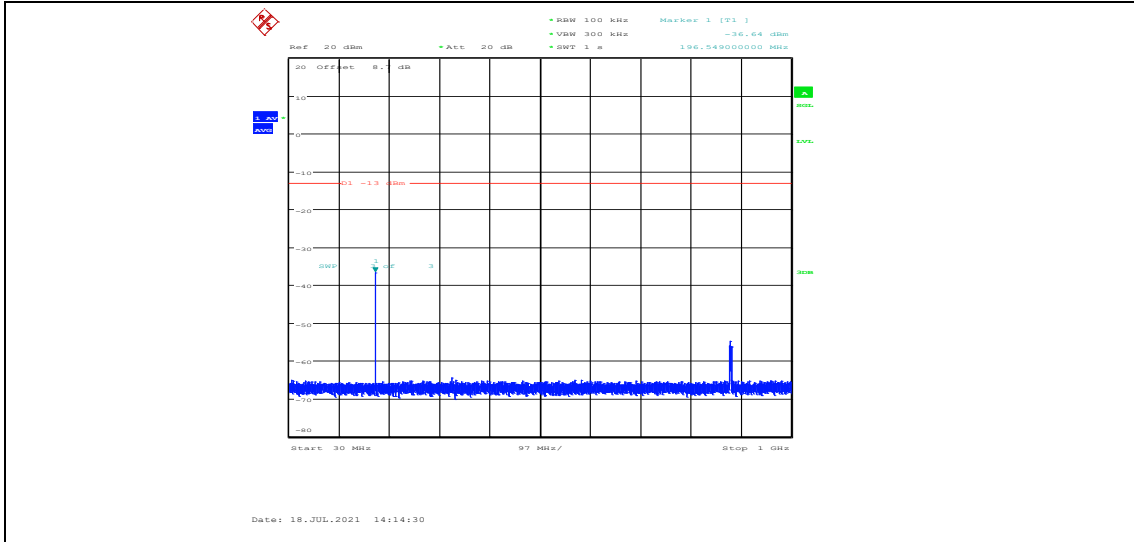


NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-Low-Edge\_1RB\_Left-----3000-26500MHZ-PASS

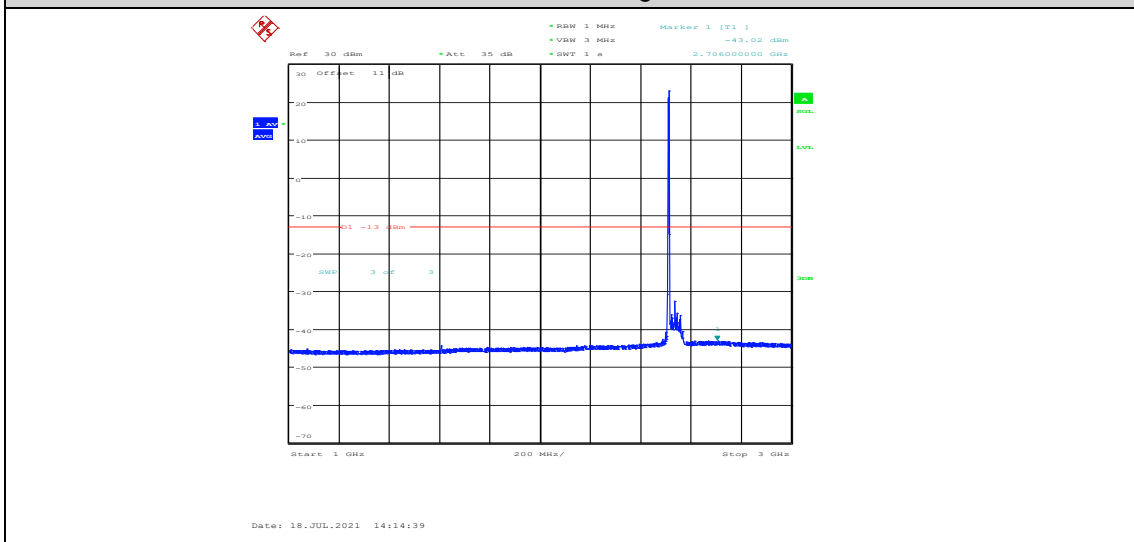


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NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-Mid-Edge\_1RB\_Left----30-1000MHZ-PASS

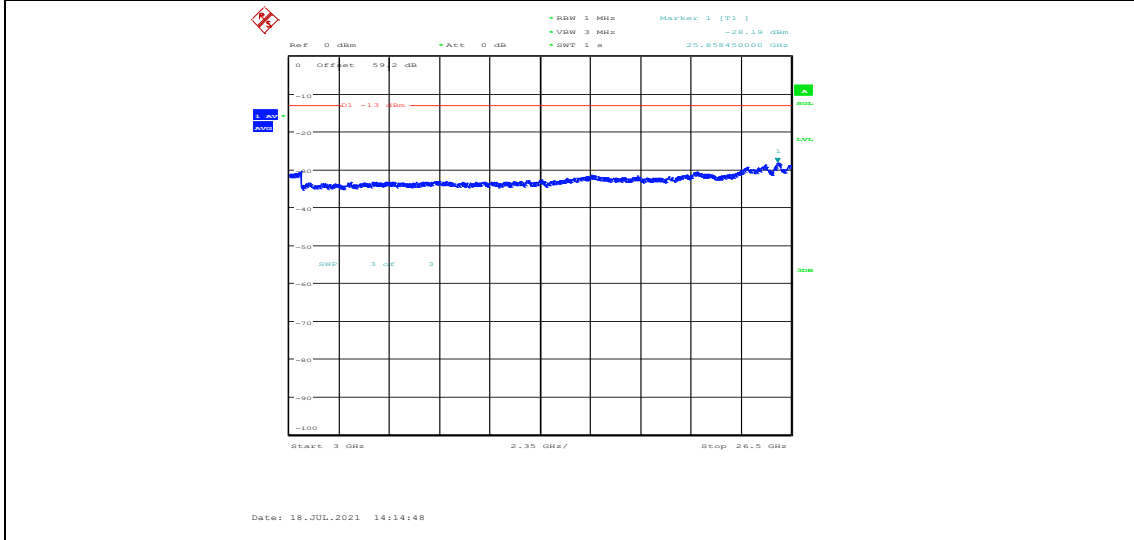


NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-Mid-Edge\_1RB\_Left----1000-3000MHZ-PASS

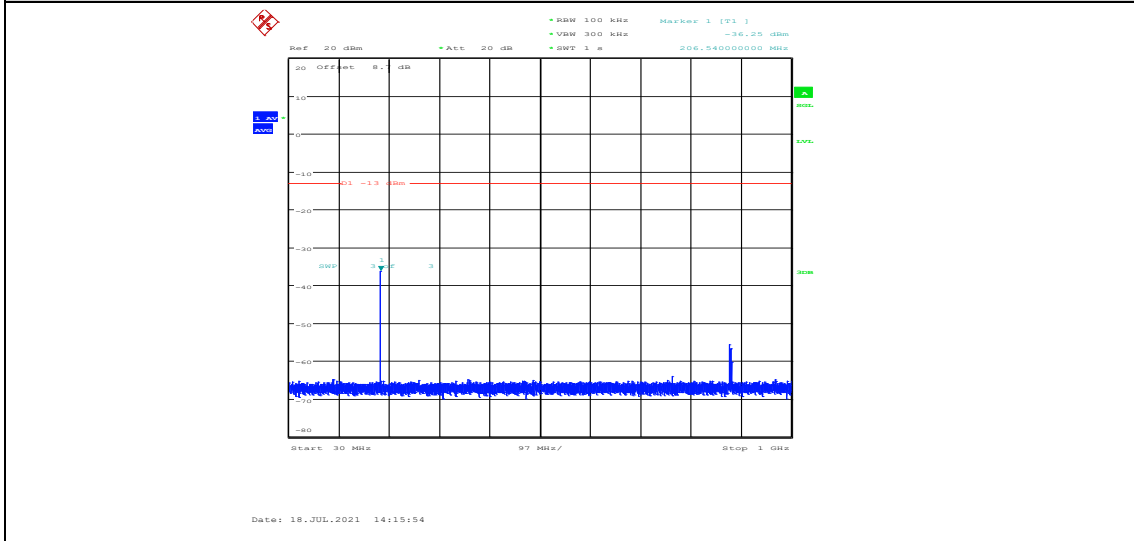


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NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-Mid-Edge\_1RB\_Left-----3000-26500MHZ-PASS

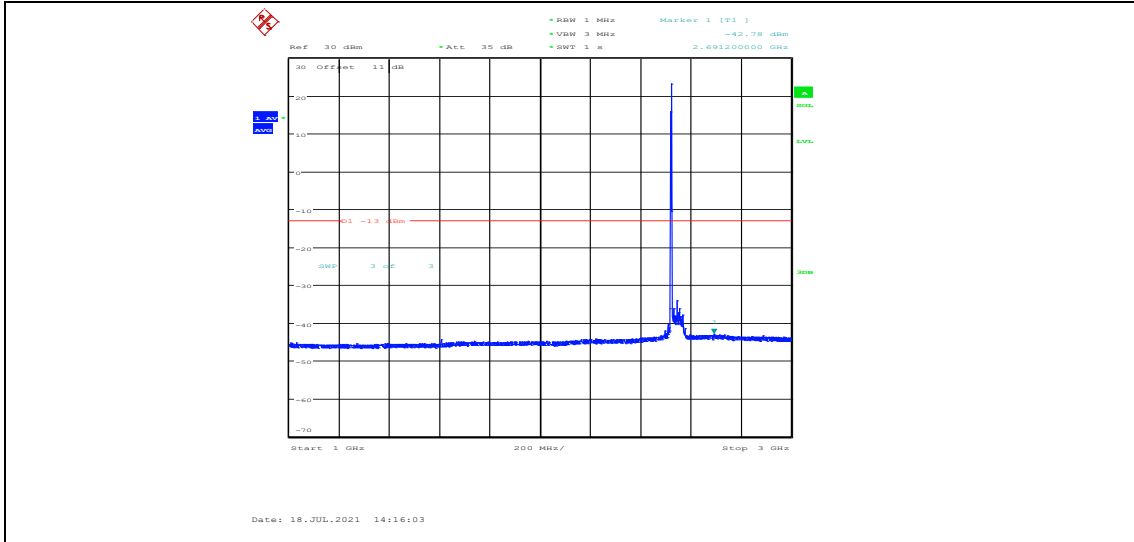


NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-High-Edge\_1RB\_Left-----30-1000MHZ-PASS

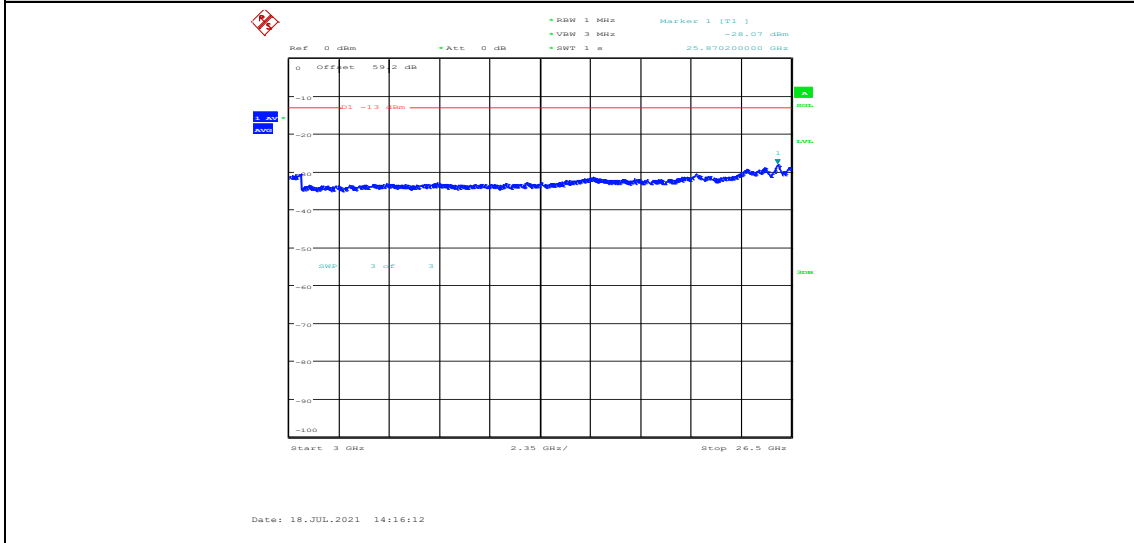


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NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-High-Edge\_1RB\_Left-----1000-3000MHZ-PASS



NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-High-Edge\_1RB\_Left-----3000-26500MHZ-PASS

**REMARK:**

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



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## Field Strength of Spurious Radiation

Test Band = 7 TM1 ANT5

Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1884.1105	20.93	-48.51	-13.00	35.51	Horizontal
2	2996.7496	20.99	-43.56	-13.00	30.56	Horizontal
3	5001.1001	55.70	-53.67	-13.00	40.67	Horizontal
4	7488.2244	49.44	-52.69	-13.00	39.69	Horizontal
5	11236.1618	47.92	-47.87	-13.00	34.87	Horizontal
6	17981.999	49.85	-43.65	-13.00	30.65	Horizontal

Test Band = 7 TM1 ANT5

Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1962.3703	20.43	-48.53	-13.00	35.53	Vertical
2	2947.9935	21.16	-43.55	-13.00	30.55	Vertical
3	5001.1001	56.41	-52.96	-13.00	39.96	Vertical
4	7488.2244	49.58	-52.55	-13.00	39.55	Vertical
5	12937.996	47.76	-45.47	-13.00	32.47	Vertical
6	17916.745	48.97	-43.97	-13.00	30.97	Vertical



**Test Band = \_7\_TM1 ANT5  
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1926.8659	20.58	-48.97	-13.00	35.97	Horizontal
2	2953.2442	21.03	-43.68	-13.00	30.68	Horizontal
3	5051.3526	59.72	-50.26	-13.00	37.26	Horizontal
4	7474.7237	49.65	-52.59	-13.00	39.59	Horizontal
5	11914.9457	47.44	-46.92	-13.00	33.92	Horizontal
6	17979.749	49.44	-44.02	-13.00	31.02	Horizontal

**Test Band = \_7\_TM1 ANT5  
Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1970.1213	20.55	-48.10	-13.00	35.10	Vertical
2	2936.7421	21.21	-43.53	-13.00	30.53	Vertical
3	5051.3526	53.51	-56.47	-13.00	43.47	Vertical
4	8615.5308	49.16	-51.21	-13.00	38.21	Vertical
5	11329.1665	48.24	-47.52	-13.00	34.52	Vertical
6	17916.745	48.79	-44.15	-13.00	31.15	Vertical



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**Test Band = \_7\_TM1 ANT5  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1971.3714	20.80	-47.86	-13.00	34.86	Horizontal
2	2943.7430	21.03	-43.70	-13.00	30.70	Horizontal
3	5100.8550	56.49	-53.19	-13.00	40.19	Horizontal
4	7368.2184	49.85	-53.13	-13.00	40.13	Horizontal
5	11925.4463	47.65	-46.87	-13.00	33.87	Horizontal
6	17990.249	49.63	-44.05	-13.00	31.05	Horizontal

**Test Band = \_7\_TM1 ANT5  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1973.8717	21.02	-47.67	-13.00	34.67	Vertical
2	2923.9905	21.42	-43.39	-13.00	30.39	Vertical
3	5100.8550	58.27	-51.41	-13.00	38.41	Vertical
4	7472.4736	49.84	-52.42	-13.00	39.42	Vertical
5	11932.1966	48.23	-46.40	-13.00	33.40	Vertical
6	17990.999	50.03	-43.66	-13.00	30.66	Vertical



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**Test Band = \_7\_TM1 ANT4  
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1149.0186	21.83	-48.41	-13.00	35.41	Horizontal
2	2946.4933	21.88	-42.84	-13.00	29.84	Horizontal
3	4230.0615	52.57	-60.12	-13.00	47.12	Horizontal
4	6998.4499	50.92	-52.66	-13.00	39.66	Horizontal
5	14024.801	47.60	-44.73	-13.00	31.73	Horizontal
6	16409.920	49.43	-44.49	-13.00	31.49	Horizontal

**Test Band = \_7\_TM1 ANT4  
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1083.0104	21.05	-49.14	-13.00	36.14	Vertical
2	2703.9630	21.66	-44.18	-13.00	31.18	Vertical
3	5689.6345	50.80	-56.12	-13.00	43.12	Vertical
4	8620.0310	49.37	-50.96	-13.00	37.96	Vertical
5	11909.6955	47.84	-46.44	-13.00	33.44	Vertical
6	15014.850	47.00	-44.64	-13.00	31.64	Vertical



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**Test Band = \_7\_TM1 ANT4**

**Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1149.5187	21.01	-49.20	-13.00	36.20	Vertical
2	2737.9672	21.55	-44.21	-13.00	31.21	Vertical
3	6201.9101	51.13	-55.26	-13.00	42.26	Vertical
4	9107.5554	49.22	-50.42	-13.00	37.42	Vertical
5	12430.221	48.49	-45.43	-13.00	32.43	Vertical
6	15927.646	47.08	-46.78	-13.00	33.78	Vertical

**Test Band = \_7\_TM1 ANT4**

**Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1131.0164	21.37	-49.28	-13.00	36.28	Horizontal
2	2829.4787	21.18	-44.38	-13.00	31.38	Horizontal
3	4759.5880	51.88	-58.66	-13.00	45.66	Horizontal
4	7140.9570	49.79	-53.41	-13.00	40.41	Horizontal
5	13361.018	47.56	-45.17	-13.00	32.17	Horizontal
6	16833.691	48.06	-46.07	-13.00	33.07	Horizontal



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**Test Band = \_7\_TM1 ANT4  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1084.2605	20.88	-49.35	-13.00	36.35	Horizontal
2	2824.7281	21.40	-44.15	-13.00	31.15	Horizontal
3	3795.7898	52.93	-61.69	-13.00	48.69	Horizontal
4	6711.1856	50.52	-54.09	-13.00	41.09	Horizontal
5	10648.882	48.24	-48.60	-13.00	35.60	Horizontal
6	14669.833	46.86	-45.59	-13.00	32.59	Horizontal

**Test Band = \_7\_TM1 ANT4  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1151.5189	20.99	-49.23	-13.00	36.23	Vertical
2	2986.9984	21.66	-43.09	-13.00	30.09	Vertical
3	4661.3331	53.12	-58.33	-13.00	45.33	Vertical
4	8396.5198	49.68	-51.34	-13.00	38.34	Vertical
5	13016.750	47.22	-45.33	-13.00	32.33	Vertical
6	16674.683	48.81	-45.75	-13.00	32.75	Vertical



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**Test Band = \_7\_TM1 ANT2  
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1083.0104	21.05	-49.14	-13.00	36.14	Vertical
2	2994.7493	21.28	-43.34	-13.00	30.34	Vertical
3	4533.0767	52.68	-59.15	-13.00	46.15	Vertical
4	7366.7183	50.34	-52.63	-13.00	39.63	Vertical
5	11909.6955	47.84	-46.44	-13.00	33.44	Vertical
6	16391.169	48.91	-45.01	-13.00	32.01	Vertical

**Test Band = \_7\_TM1 ANT2  
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1149.0186	21.33	-48.91	-13.00	35.91	Horizontal
2	2946.4933	21.38	-43.34	-13.00	30.34	Horizontal
3	4713.0857	52.32	-58.57	-13.00	45.57	Horizontal
4	9054.3027	49.87	-49.31	-13.00	36.31	Horizontal
5	13620.531	47.24	-45.32	-13.00	32.32	Horizontal
6	16409.920	48.93	-44.99	-13.00	31.99	Horizontal



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**Test Band = \_7\_TM1 ANT2**

**Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1082.7603	20.86	-49.32	-13.00	36.32	Horizontal
2	2862.7328	21.09	-44.30	-13.00	31.30	Horizontal
3	4518.0759	53.00	-58.80	-13.00	45.80	Horizontal
4	9007.8004	49.03	-49.92	-13.00	36.92	Horizontal
5	13361.018	47.56	-45.17	-13.00	32.17	Horizontal
6	16426.421	50.27	-43.95	-13.00	30.95	Horizontal

**Test Band = \_7\_TM1 ANT2**

**Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1149.5187	21.01	-49.20	-13.00	36.20	Vertical
2	2996.9996	21.08	-43.47	-13.00	30.47	Vertical
3	5686.6343	51.11	-55.84	-13.00	42.84	Vertical
4	9043.8022	48.96	-50.14	-13.00	37.14	Vertical
5	13353.517	47.82	-44.98	-13.00	31.98	Vertical
6	16429.421	49.57	-44.71	-13.00	31.71	Vertical



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**Test Band = \_7\_TM1 ANT2  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1083.5104	21.12	-49.08	-13.00	36.08	Vertical
2	2731.4664	21.40	-44.28	-13.00	31.28	Vertical
3	5697.8849	51.22	-55.59	-13.00	42.59	Vertical
4	8396.5198	49.68	-51.34	-13.00	38.34	Vertical
5	13364.768	47.46	-45.24	-13.00	32.24	Vertical
6	16413.670	48.84	-45.15	-13.00	32.15	Vertical

**Test Band = \_7\_TM1 ANT2  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1155.5194	21.07	-49.27	-13.00	36.27	Horizontal
2	2998.2498	21.18	-43.33	-13.00	30.33	Horizontal
3	5821.6411	51.14	-56.28	-13.00	43.28	Horizontal
4	9040.0520	49.28	-49.81	-13.00	36.81	Horizontal
5	13363.268	47.50	-45.21	-13.00	32.21	Horizontal
6	16403.170	48.81	-44.99	-13.00	31.99	Horizontal



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**Test Band = \_7\_TM1 ANT8  
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1149.0186	21.33	-48.91	-13.00	35.91	Horizontal
2	2855.4819	21.42	-44.12	-13.00	31.12	Horizontal
3	6005.4003	51.43	-55.49	-13.00	42.49	Horizontal
4	8995.0498	48.95	-50.02	-13.00	37.02	Horizontal
5	13620.531	47.24	-45.32	-13.00	32.32	Horizontal
6	16409.920	48.93	-44.99	-13.00	31.99	Horizontal

**Test Band = \_7\_TM1 ANT8  
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1172.5216	20.88	-49.44	-13.00	36.44	Vertical
2	2870.2338	21.46	-43.78	-13.00	30.78	Vertical
3	5689.6345	50.80	-56.12	-13.00	43.12	Vertical
4	9009.3005	49.28	-49.68	-13.00	36.68	Vertical
5	15110.1055	46.68	-46.46	-13.00	33.46	Vertical
6	16391.169	48.91	-45.01	-13.00	32.01	Vertical



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**Test Band = \_7\_TM1 ANT8**

**Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1159.0199	21.28	-49.15	-13.00	36.15	Horizontal
2	2875.7345	21.35	-43.96	-13.00	30.96	Horizontal
3	5684.3842	51.22	-55.76	-13.00	42.76	Horizontal
4	9007.8004	49.03	-49.92	-13.00	36.92	Horizontal
5	14019.551	47.73	-44.68	-13.00	31.68	Horizontal
6	16426.421	50.27	-43.95	-13.00	30.95	Horizontal

**Test Band = \_7\_TM1 ANT8**

**Test Channel = Middle Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1149.5187	21.01	-49.20	-13.00	36.20	Vertical
2	2993.2492	21.23	-43.44	-13.00	30.44	Vertical
3	4362.8181	52.79	-59.82	-13.00	46.82	Vertical
4	7362.9681	50.22	-52.74	-13.00	39.74	Vertical
5	12976.248	46.86	-45.90	-13.00	32.90	Vertical
6	16429.421	49.57	-44.71	-13.00	31.71	Vertical



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**Test Band = \_7\_TM1 ANT8  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1083.5104	21.12	-49.08	-13.00	36.08	Vertical
2	2871.2339	21.87	-43.38	-13.00	30.38	Vertical
3	4661.3331	53.12	-58.33	-13.00	45.33	Vertical
4	8778.2889	48.85	-50.87	-13.00	37.87	Vertical
5	13016.750	47.22	-45.33	-13.00	32.33	Vertical
6	16413.670	48.84	-45.15	-13.00	32.15	Vertical

**Test Band = \_7\_TM1 ANT8  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1155.5194	21.07	-49.27	-13.00	36.27	Horizontal
2	2865.9832	21.25	-44.07	-13.00	31.07	Horizontal
3	5821.6411	51.14	-56.28	-13.00	43.28	Horizontal
4	8265.2633	49.32	-52.06	-13.00	39.06	Horizontal
5	11171.6586	47.84	-47.74	-13.00	34.74	Horizontal
6	15048.602	47.00	-44.96	-13.00	31.96	Horizontal



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**Test Band = \_B5+N7 \_TM1 ANT4  
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1655.3319	34.87	-35.49	-13.00	22.49	Horizontal
2	1942.3678	24.63	-44.56	-13.00	31.56	Horizontal
3	3310.5155	55.21	-60.93	-13.00	47.93	Horizontal
4	5100.8550	55.26	-54.42	-13.00	41.42	Horizontal
5	10622.6311	46.25	-50.60	-13.00	37.60	Horizontal
6	17915.995	46.28	-46.66	-13.00	33.66	Horizontal

**Test Band = \_B5+N7 \_TM1 ANT4  
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1655.3319	23.30	-47.06	-13.00	34.06	Vertical
2	3310.5155	55.18	-60.96	-13.00	47.96	Vertical
3	4137.8069	52.90	-60.11	-13.00	47.11	Vertical
4	5100.8550	52.83	-56.85	-13.00	43.85	Vertical
5	10015.850	46.49	-51.65	-13.00	38.65	Vertical
6	17992.499	46.81	-46.91	-13.00	33.91	Vertical



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**Test Band = \_B5+N7 \_TM1 ANT4  
Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1655.0819	34.94	-35.43	-13.00	22.43	Horizontal
2	1941.3677	24.46	-44.72	-13.00	31.72	Horizontal
3	3310.5155	55.95	-60.19	-13.00	47.19	Horizontal
4	5051.3526	56.71	-53.27	-13.00	40.27	Horizontal
5	9045.3023	47.14	-51.97	-13.00	38.97	Horizontal
6	17980.499	46.61	-46.86	-13.00	33.86	Horizontal

**Test Band = \_B5+N7 \_TM1 ANT4  
Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1655.3319	22.46	-47.90	-13.00	34.90	Vertical
2	1941.3677	26.79	-42.39	-13.00	29.39	Vertical
3	3310.5155	55.18	-60.96	-13.00	47.96	Vertical
4	4454.3227	51.54	-60.39	-13.00	47.39	Vertical
5	7974.9988	47.57	-54.34	-13.00	41.34	Vertical
6	17995.499	47.24	-46.55	-13.00	33.55	Vertical



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**Test Band = \_B5+N7\_TM1 ANT4  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1655.0819	32.82	-37.55	-13.00	24.55	Horizontal
2	1941.3677	28.02	-41.16	-13.00	28.16	Horizontal
3	3310.5155	57.04	-59.10	-13.00	46.10	Horizontal
4	5100.8550	59.06	-50.62	-13.00	37.62	Horizontal
5	8390.5195	48.13	-52.92	-13.00	39.92	Horizontal
6	17966.248	46.28	-46.89	-13.00	33.89	Horizontal

**Test Band = \_B5+N7\_TM1 ANT4  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1655.3319	21.85	-48.51	-13.00	35.51	Vertical
2	1941.8677	22.81	-46.37	-13.00	33.37	Vertical
3	3310.5155	54.94	-61.20	-13.00	48.20	Vertical
4	5100.8550	53.89	-55.79	-13.00	42.79	Vertical
5	9976.0988	46.22	-52.00	-13.00	39.00	Vertical
6	17903.245	46.05	-46.94	-13.00	33.94	Vertical

Remark:

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



## Frequency Stability for SA

### Test Result

#### Frequency Error VS. Voltage

NR Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage [Vdc]	Temperature(°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N7	15KHz	20MHz	TM1	502000	Outer Full	VL	NT	5.4	0.00215	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	NT	0.3	0.00012	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VH	NT	-10.35	-0.00412	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VL	NT	14.62	0.00577	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	NT	8.05	0.00318	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VH	NT	-2.04	-0.00080	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VL	NT	11.19	0.00437	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	NT	12.07	0.00471	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VH	NT	-3.7	-0.00145	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VL	NT	1.57	0.00063	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	NT	11.55	0.00460	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VH	NT	-8.75	-0.00349	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VL	NT	0.32	0.00013	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	NT	7.19	0.00284	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VH	NT	13.62	0.00537	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VL	NT	7.09	0.00277	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	NT	-6.1	-0.00238	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VH	NT	12.43	0.00486	±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
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	-30	6.15	0.00245	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	-20	5.25	0.00209	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	-10	-9.17	-0.00365	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	0	-2.88	-0.00115	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	10	-5.25	-0.00209	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	20	9.71	0.00387	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	30	-9.35	-0.00373	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	40	11.32	0.00451	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	50	0.65	0.00026	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	-30	6.45	0.00254	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	-20	6.15	0.00243	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	-10	-3.83	-0.00151	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	0	1.02	0.00040	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	10	-2.59	-0.00102	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	20	-3.71	-0.00146	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	30	-4.85	-0.00191	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	40	6.19	0.00244	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	50	10.37	0.00409	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	-30	3.91	0.00153	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	-20	10.79	0.00421	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	-10	-4.62	-0.00180	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	0	4.46	0.00174	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	10	-6.93	-0.00271	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	20	-8.45	-0.00330	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	30	7.52	0.00294	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	40	7.57	0.00296	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	50	-5.38	-0.00210	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	-30	-11.79	-0.00470	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	-20	4.52	0.00180	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	-10	-7.71	-0.00307	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	0	10.03	0.00400	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	10	14.27	0.00569	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	20	12.1	0.00482	±2.5	PASS



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N7	15KHz	20MHz	TM6	502000	Outer Full	VN	30	4.68	0.00186	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	40	3.32	0.00132	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	50	6.84	0.00273	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	-30	4	0.00158	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	-20	12.53	0.00494	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	-10	13.81	0.00545	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	0	13.41	0.00529	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	10	8.67	0.00342	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	20	13.57	0.00535	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	30	1.8	0.00071	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	40	-1.7	-0.00067	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	50	-11.71	-0.00462	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	-30	-3.9	-0.00152	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	-20	-7.76	-0.00303	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	-10	-8.53	-0.00333	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	0	-2.61	-0.00102	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	10	-6.64	-0.00259	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	20	-4.3	-0.00168	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	30	4.91	0.00192	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	40	2.03	0.00079	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	50	5.62	0.00220	±2.5	PASS

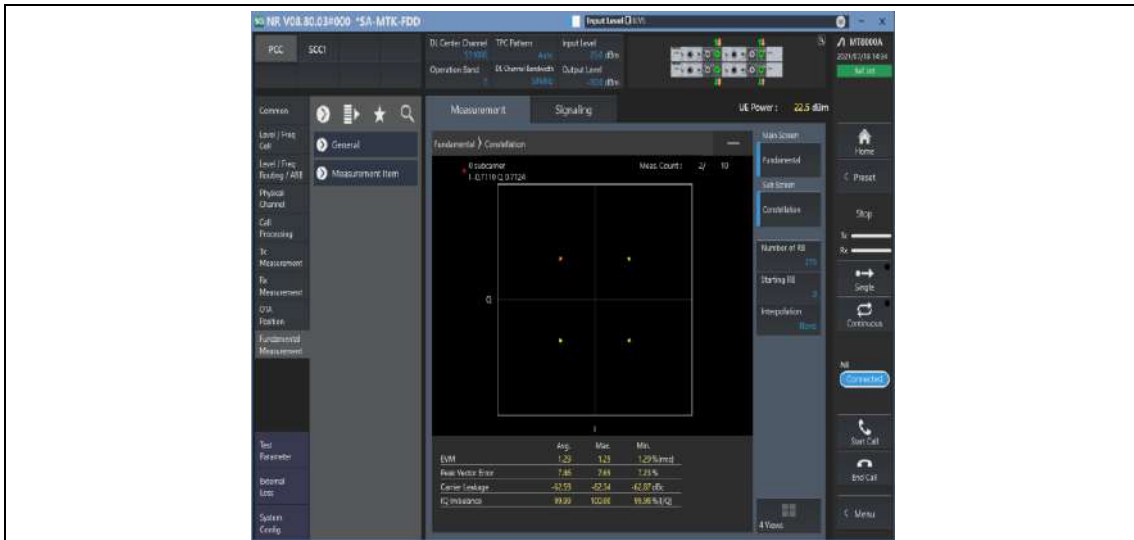


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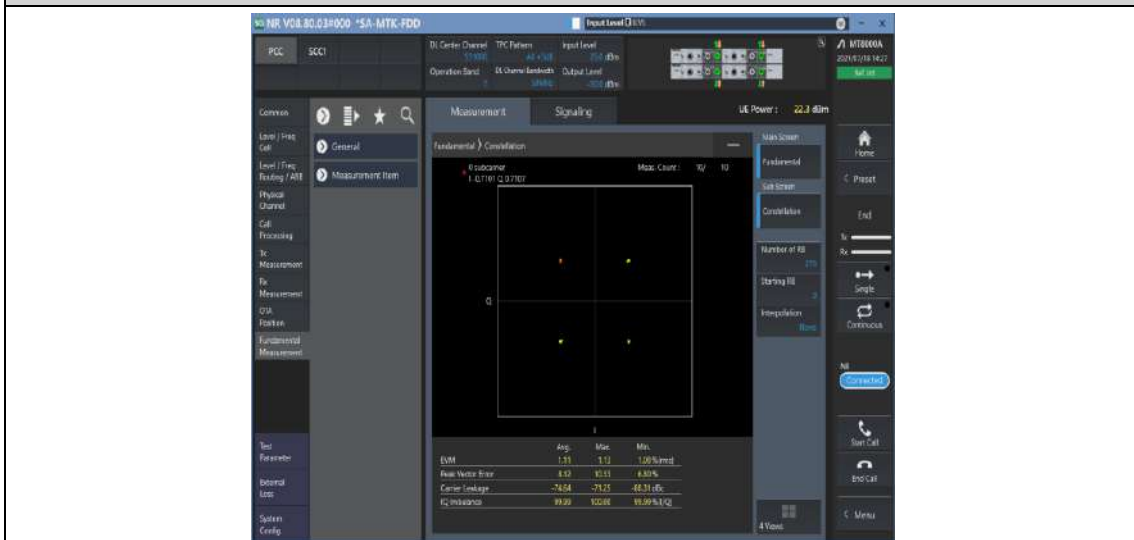


## Modulation characteristics for SA

### Test Graphs

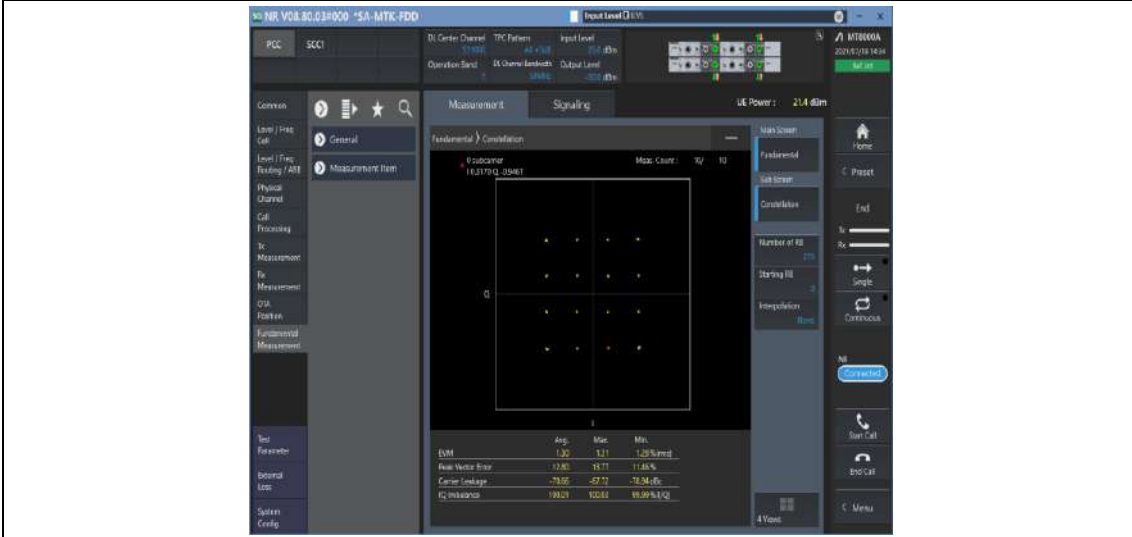


NTNV-N7-15kHz-50MHz-DFT-PI2BPSK-Mid-Outer\_Full-----±2.5ppm-PASS

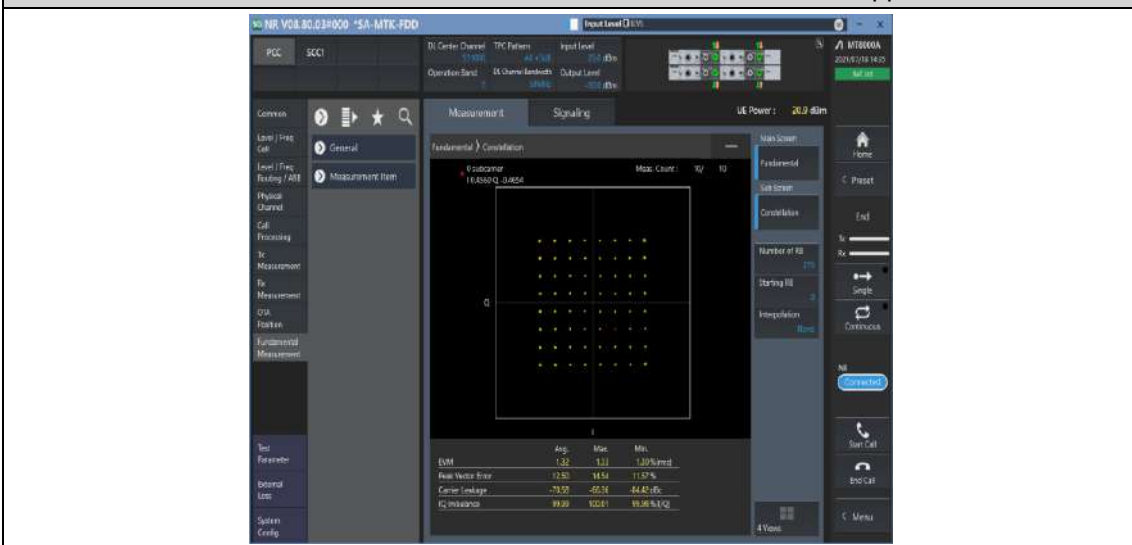


NTNV-N7-15kHz-50MHz-DFT-QPSK-Mid-Outer\_Full-----±2.5ppm-PASS





NTNV-N7-15kHz-50MHz-DFT-16QAM-Mid-Outer\_Full-----±2.5ppm-PASS

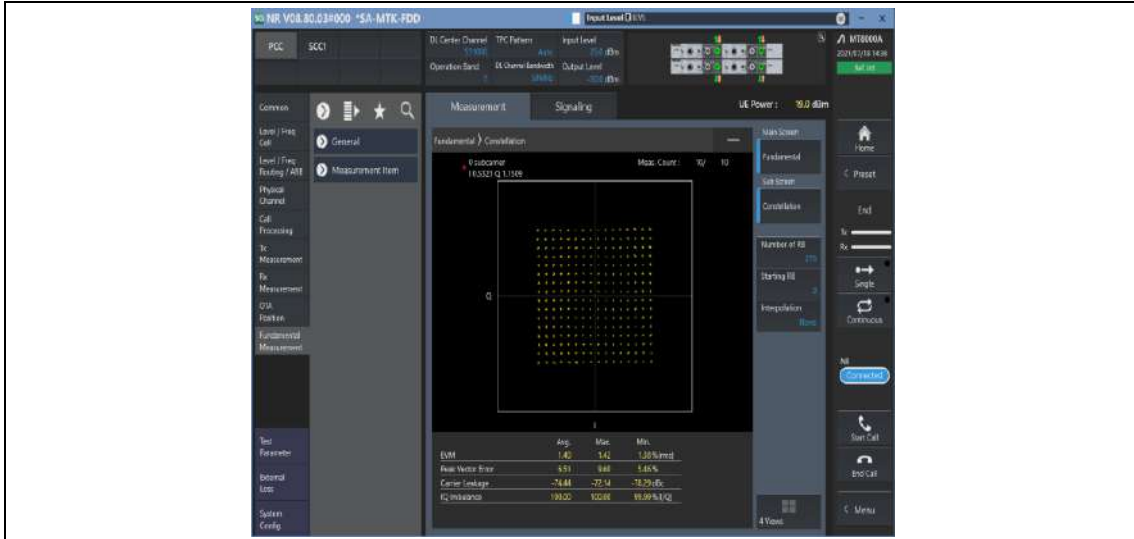


NTNV-N7-15kHz-50MHz-DFT-64QAM-Mid-Outer\_Full-----±2.5ppm-PASS

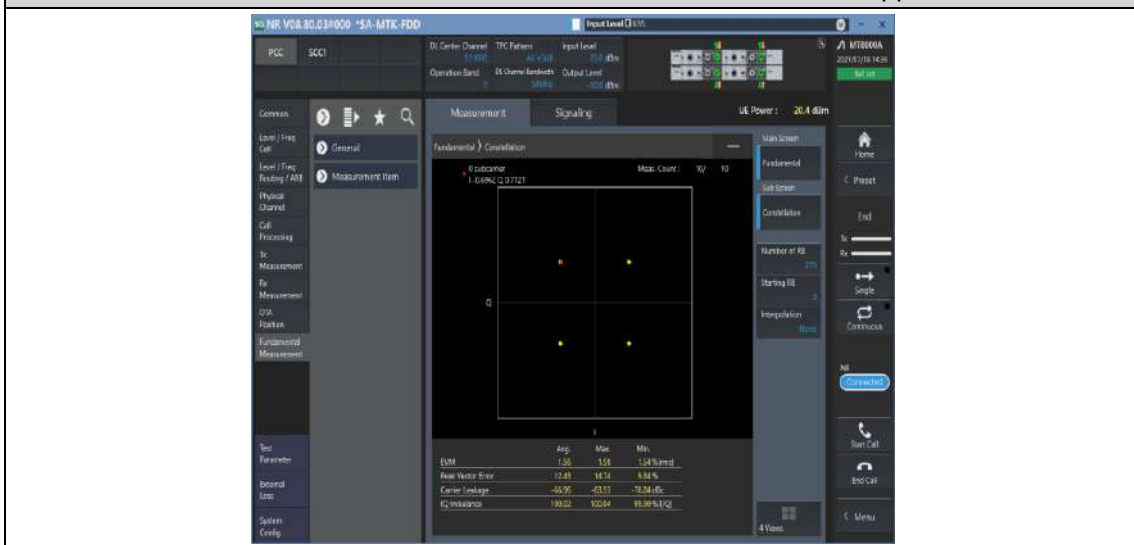


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NTNV-N7-15kHz-50MHz-DFT-256QAM-Mid-Outer\_Full-----±2.5ppm-PASS



NTNV-N7-15kHz-50MHz-CP-QPSK-Mid-Outer\_Full-----±2.5ppm-PASS

