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Appendix E-UTRA N25



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1. Effective (Isotropic) Radiated Power Output Data for SA

1.1. Test Result

ANT1:

ANT1:									
Band	SCS	Bandwidth	Modulation	Channel	RBConfig	Result	EIRP	Limit	Verdict
N25	15kHz	5MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.20	20.75	33	PASS
N25	15kHz	5MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.31	20.86	33	PASS
N25	15kHz	5MHz	DFT-PI2BPSK	Low	Inner_Full	23.38	20.93	33	PASS
N25	15kHz	5MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.35	20.9	33	PASS
N25	15kHz	5MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.43	20.98	33	PASS
N25	15kHz			Mid	Inner_Full	23.14	20.69	33	PASS
N25	15kHz	5MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.47	21.02	33	PASS
N25	15kHz 5MHz DFT-Pl2BPSK		High	Inner_1RB_Right	23.40	20.95	33	PASS	
N25	15kHz	5MHz	DFT-PI2BPSK	High	Inner_Full	23.25	20.8	33	PASS
N25	15kHz	5MHz	DFT-QPSK	Low	Inner_1RB_Left	23.39	20.94	33	PASS
N25	15kHz	5MHz	DFT-QPSK	Low	Inner_1RB_Right	23.24	20.79	33	PASS
N25	15kHz	5MHz	DFT-QPSK	Low	Inner_Full	23.40	20.95	33	PASS
N25	15kHz	5MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.18	20.73	33	PASS
N25	N25 15kHz 5MHz DFT-QPSK		Mid	Inner_1RB_Right	23.43	20.98	33	PASS	
N25	15kHz	5MHz	DFT-QPSK	Mid	Inner_Full	23.15	20.7	33	PASS
N25	15kHz	5MHz	DFT-QPSK	High	Inner_1RB_Left	23.25	20.8	33	PASS
N25	15kHz	5MHz	DFT-QPSK	High	Inner_1RB_Right	23.35	20.9	33	PASS
N25	15kHz	5MHz	DFT-QPSK	High	Inner_Full	23.37	20.92	33	PASS
N25	15kHz	5MHz	DFT-16QAM	Low	Inner_1RB_Left	23.44	20.99	33	PASS
N25	15kHz	5MHz	DFT-16QAM	Low	Inner_1RB_Right	23.37	20.92	33	PASS
N25	15kHz	5MHz	DFT-16QAM	Low	Inner_Full	22.93	20.48	33	PASS
N25	15kHz	5MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.70	20.25	33	PASS
N25	15kHz	5MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.56	20.11	33	PASS
N25	15kHz	5MHz	DFT-16QAM	Mid	Inner_Full	22.19	19.74	33	PASS
N25	15kHz	5MHz	DFT-16QAM	High	Inner_1RB_Left	22.45	20	33	PASS
N25	15kHz	5MHz	DFT-16QAM	High	Inner_1RB_Right	21.50	19.05	33	PASS
N25	15kHz	5MHz	DFT-16QAM	High	Inner_Full	21.93	19.48	33	PASS
N25	15kHz	5MHz	DFT-64QAM	Low	Inner_1RB_Left	21.19	18.74	33	PASS
N25	15kHz	5MHz	DFT-64QAM	Low	Inner_1RB_Right	21.60	19.15	33	PASS
N25	15kHz	5MHz	DFT-64QAM	Low	Inner_Full	21.54	19.09	33	PASS
N25	15kHz	5MHz	DFT-64QAM	Mid	Inner_1RB_Left	21.51	19.06	33	PASS
N25	15kHz	5MHz	DFT-64QAM	Mid	Inner_1RB_Right	21.79	19.34	33	PASS
N25	15kHz	5MHz	DFT-64QAM	Mid	Inner_Full	21.81	19.36	33	PASS
N25	15kHz	5MHz	DFT-64QAM	High	Inner_1RB_Left	20.64	18.19	33	PASS
N25	15kHz	5MHz	DFT-64QAM	High	Inner_1RB_Right	19.75	17.3	33	PASS
N25	15kHz	5MHz	DFT-64QAM	High	Inner_Full	20.55	18.1	33	PASS
N25	15kHz	5MHz	DFT-256QAM	Low	Inner_1RB_Left	19.93	17.48	33	PASS
N25	15kHz	5MHz	DFT-256QAM	Low	Inner_1RB_Right	20.01	17.56	33	PASS
N25	15kHz	5MHz	DFT-256QAM	Low	Inner_Full	19.98	17.53	33	PASS
N25	15kHz	5MHz	DFT-256QAM	Mid	Inner_1RB_Left	19.98	17.53	33	PASS
N25	15kHz	5MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.97	17.52	33	PASS
N25	15kHz	5MHz	DFT-256QAM	Mid	Inner_Full	19.92	17.47	33	PASS
N25			High	Inner_1RB_Left	19.43	16.98	33	PASS	
	N25 15kHz 5MHz DFT-256QAM		High	Inner_1RB_Right	19.52	17.07	33	PASS	
N25	15kHz	5MHz	DFT-256QAM	High	Inner_Full	19.05	16.6	33	PASS
N25	15kHz	5MHz	CP-QPSK	Low	Inner_1RB_Left	22.90	20.45	33	PASS



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N25	15kHz	5MHz	CP-QPSK	Low	Inner_1RB_Right	22.75	20.3	33	PASS
N25	15kHz	5MHz	CP-QPSK	Low	Inner_Full	22.16	19.71	33	PASS
N25	15kHz	5MHz	CP-QPSK	Mid	Inner_1RB_Left	23.18	20.73	33	PASS
N25	15kHz	5MHz	CP-QPSK	Mid	Inner_1RB_Right	23.16	20.71	33	PASS
N25	15kHz	5MHz	CP-QPSK	Mid	Inner_Full	22.42	19.97	33	PASS
N25	15kHz	5MHz	CP-QPSK	High	Inner_1RB_Left	22.34	19.89	33	PASS
N25	15kHz	5MHz	CP-QPSK	High	Inner_1RB_Right	22.00	19.55	33	PASS
N25	15kHz	5MHz	CP-QPSK	High	Inner_Full	22.21	19.76	33	PASS
N25	15kHz	5MHz	CP-16QAM	Low	Inner_1RB_Left	21.44	18.99	33	PASS
N25	15kHz	5MHz	CP-16QAM	Low	Inner_1RB_Right	21.90	19.45	33	PASS
N25	15kHz	5MHz CP-16QAM		Low	Inner_Full	21.82	19.37	33	PASS
N25	15kHz	5MHz	CP-16QAM	Mid			19.32	33	PASS
N25	15kHz	5MHz	CP-16QAM	Mid	Inner_1RB_Right	21.98	19.53	33	PASS
N25	15kHz	5MHz	CP-16QAM	Mid	Inner_Full	22.08	19.63	33	PASS
N25	15kHz	5MHz	CP-16QAM	High Inner_1RB_Left		21.18	18.73	33	PASS
N25	15kHz	5MHz	CP-16QAM	High	Inner_1RB_Right	20.35	17.9	33	PASS
N25	15kHz	5MHz	CP-16QAM	High	Inner_Full	20.83	18.38	33	PASS
N25	15kHz	5MHz	CP-64QAM	Low	Inner_1RB_Left	20.52	18.07	33	PASS
N25	15kHz	5MHz	CP-64QAM	Low	Inner_1RB_Right	20.94	18.49	33	PASS
N25	15kHz	5MHz	CP-64QAM	Low	Inner_Full	20.50	18.05	33	PASS
N25	15kHz	5MHz	CP-64QAM	Mid	Inner_1RB_Left	20.84	18.39	33	PASS
N25	15kHz	5MHz	CP-64QAM	Mid	Inner_1RB_Right	21.09	18.64	33	PASS
N25	15kHz	5MHz	CP-64QAM	Mid	Inner_Full	20.74	18.29	33	PASS
N25	15kHz	5MHz	CP-64QAM	High	Inner_1RB_Left	19.75	17.3	33	PASS
N25	15kHz	5MHz	CP-64QAM	High	Inner_1RB_Right	18.90	16.45	33	PASS
N25	15kHz	5MHz	CP-64QAM	High	Inner_Full	19.46	17.01	33	PASS
N25	15kHz	5MHz	CP-256QAM	Low	Inner_1RB_Left	17.86	15.41	33	PASS
N25	15kHz	5MHz	CP-256QAM	Low	Inner_1RB_Right	17.07	14.62	33	PASS
N25	15kHz	5MHz	CP-256QAM	Low	Inner_Full	17.05	14.6	33	PASS
N25	15kHz	5MHz	CP-256QAM	Mid	Inner_1RB_Left	17.96	15.51	33	PASS
N25	15kHz	5MHz	CP-256QAM	Mid	Inner_1RB_Right	17.02	14.57	33	PASS
N25	15kHz	5MHz	CP-256QAM	Mid	Inner_Full	17.23	14.78	33	PASS
N25	15kHz	5MHz	CP-256QAM	High	Inner_1RB_Left	17.49	15.04	33	PASS
N25	15kHz	5MHz	CP-256QAM	High	Inner_1RB_Right	17.61	15.16	33	PASS
N25	15kHz	5MHz	CP-256QAM	High	Inner_Full	17.02	14.57	33	PASS
N25	15kHz	10MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.23	20.78	33	PASS
N25	15kHz	10MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.33	20.88	33	PASS
N25	15kHz	10MHz	DFT-PI2BPSK	Low	Inner_Full	23.44	20.99	33	PASS
N25	15kHz	10MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.42	20.97	33	PASS
N25	15kHz	10MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.41	20.96	33	PASS
N25	15kHz	10MHz	DFT-PI2BPSK	Mid	Inner_Full	23.35	20.9	33	PASS
N25	15kHz	10MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.35	20.9	33	PASS
N25	15kHz	10MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.27	20.82	33	PASS
N25	15kHz	10MHz	DFT-PI2BPSK	High	Inner_Full	23.46	21.01	33	PASS
N25	15kHz	10MHz	DFT-QPSK	Low	Inner_1RB_Left	23.22	20.77	33	PASS
N25	15kHz	10MHz	DFT-QPSK	Low	Inner_1RB_Right	23.44	20.99	33	PASS
N25	15kHz	10MHz	DFT-QPSK	Low	Inner_Full	23.42	20.97	33	PASS
N25	15kHz	10MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.28	20.83	33	PASS
N25	15kHz	10MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.38	20.93	33	PASS
N25	15kHz	10MHz	DFT-QPSK	Mid	Inner_Full	23.33	20.88	33	PASS
N25	15kHz	10MHz	DFT-QPSK	High	Inner_1RB_Left	22.59	20.14	33	PASS
N25	15kHz	10MHz	DFT-QPSK	High	Inner_1RB_Right	22.43	19.98	33	PASS
N25	15kHz	10MHz	DFT-QPSK	High	Inner_Full	22.63	20.18	33	PASS



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N25	15kHz	10MHz	DFT-16QAM	Low	Inner_1RB_Left	22.10	19.65	33	PASS
N25	15kHz	10MHz	DFT-16QAM	Low	Inner_1RB_Right	22.30	19.85	33	PASS
N25	15kHz	10MHz	DFT-16QAM	Low	Inner_Full	22.42	19.97	33	PASS
N25	15kHz	10MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.41	19.96	33	PASS
N25	15kHz	10MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.68	20.23	33	PASS
N25	15kHz	10MHz	DFT-16QAM	Mid	Inner_Full	22.33	19.88	33	PASS
N25	15kHz	10MHz	DFT-16QAM	High	Inner_1RB_Left	22.82	20.37	33	PASS
N25	15kHz	10MHz	DFT-16QAM	High	Inner_1RB_Right	22.54	20.09	33	PASS
N25	15kHz	10MHz	DFT-16QAM	High	Inner_Full	22.43	19.98	33	PASS
N25	15kHz	10MHz	DFT-64QAM	Low	Inner_1RB_Left	21.73	19.28	33	PASS
N25	15kHz	10MHz	DFT-64QAM	Low	Inner_1RB_Right	21.85	19.4	33	PASS
N25	15kHz	10MHz	DFT-64QAM	Low	Inner_Full	21.99	19.54	33	PASS
N25	15kHz	10MHz	DFT-64QAM	Mid	Inner_1RB_Left	21.64	19.19	33	PASS
N25	15kHz	10MHz	DFT-64QAM	Mid	Inner_1RB_Right	21.81	19.36	33	PASS
N25	15kHz	10MHz	DFT-64QAM	Mid	Inner_Full	21.90	19.45	33	PASS
N25	15kHz	10MHz	DFT-64QAM	High	Inner_1RB_Left	21.45	19	33	PASS
N25	15kHz	10MHz	DFT-64QAM	High	Inner_1RB_Right	20.27	17.82	33	PASS
N25	15kHz	10MHz	DFT-64QAM	High	Inner_Full	21.01	18.56	33	PASS
N25	15kHz	10MHz	DFT-256QAM	Low	Inner_1RB_Left	19.88	17.43	33	PASS
N25	15kHz	10MHz	DFT-256QAM	Low	Inner_1RB_Right	20.10	17.65	33	PASS
N25	15kHz	10MHz	DFT-256QAM	Low	Inner_Full	19.66	17.21	33	PASS
N25	15kHz	10MHz	DFT-256QAM	Mid	Inner_1RB_Left	19.85	17.4	33	PASS
N25	15kHz	10MHz	DFT-256QAM	Mid	Inner_1RB_Right	20.04	17.59	33	PASS
N25	15kHz	10MHz	DFT-256QAM	Mid	Inner_Full	19.90	17.45	33	PASS
N25	15kHz	10MHz	DFT-256QAM	High	Inner_1RB_Left	19.69	17.24	33	PASS
N25	15kHz	10MHz	DFT-256QAM	High	Inner_1RB_Right	18.98	16.53	33	PASS
N25	15kHz	10MHz	DFT-256QAM	High	Inner_Full	18.74	16.29	33	PASS
N25	15kHz	10MHz	CP-QPSK	Low	Inner_1RB_Left	23.14	20.69	33	PASS
N25	15kHz	10MHz	CP-QPSK	Low	Inner_1RB_Right 2	23.18	20.73	33	PASS
N25	15kHz	10MHz	CP-QPSK	Low	Inner_Full	22.73	20.28	33	PASS
N25	15kHz	10MHz	CP-QPSK	Mid	Inner_1RB_Left	23.28	20.83	33	PASS
N25	15kHz	10MHz	CP-QPSK	Mid	Inner_1RB_Right	23.27	20.82	33	PASS
N25	15kHz	10MHz	CP-QPSK	Mid	Inner_Full	23.02	20.57	33	PASS
N25	15kHz	10MHz	CP-QPSK	High	Inner_1RB_Left	23.23	20.78	33	PASS
N25	15kHz	10MHz	CP-QPSK	High	Inner_1RB_Right	23.17	20.72	33	PASS
N25	15kHz	10MHz	CP-QPSK	High	Inner_Full	23.10	20.65	33	PASS
N25	15kHz	10MHz	CP-16QAM	Low	Inner_1RB_Left	21.66	19.21	33	PASS
N25	15kHz	10MHz	CP-16QAM	Low	Inner_1RB_Right	22.05	19.6	33	PASS
N25	15kHz	10MHz	CP-16QAM	Low	Inner_Full	22.31	19.86	33	PASS
N25	15kHz	10MHz	CP-16QAM	Mid	Inner_1RB_Left	21.95	19.5	33	PASS
N25	15kHz	10MHz	CP-16QAM	Mid	Inner_1RB_Right	22.08	19.63	33	PASS
N25	15kHz	10MHz	CP-16QAM	Mid	Inner_Full	22.27	19.82	33	PASS
N25	15kHz	10MHz	CP-16QAM	High	Inner_1RB_Left	21.49	19.04	33	PASS
N25	15kHz	10MHz	CP-16QAM	High	Inner_1RB_Right	20.18	17.73	33	PASS
N25	15kHz	10MHz	CP-16QAM	High	Inner_Full	21.37	18.92	33	PASS
N25	15kHz	10MHz	CP-64QAM	Low	Inner_1RB_Left	21.01	18.56	33	PASS
N25	15kHz	10MHz	CP-64QAM	Low	Inner_1RB_Right	20.63	18.18	33	PASS
N25	15kHz	10MHz	CP-64QAM	Low	Inner_Full	20.90	18.45	33	PASS
N25	15kHz	10MHz	CP-64QAM	Mid	Inner_1RB_Left	20.95	18.5	33	PASS
N25	15kHz	10MHz	CP-64QAM	Mid	Inner_1RB_Right	21.16	18.71	33	PASS
N25	15kHz	10MHz	CP-64QAM	Mid	Inner_Full	20.86	18.41	33	PASS
N25	15kHz	10MHz	CP-64QAM	High	Inner_1RB_Left	20.76	18.31	33	PASS
N25	15kHz	10MHz	CP-64QAM	High	Inner_1RB_Right	19.68	17.23	33	PASS



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NOS 150Hz 10MHz CD 64OAM High Innor Evil 40.05 47.5									
N25	15kHz	10MHz	CP-64QAM	High	Inner_Full	19.95	17.5	33	PASS
N25	15kHz	10MHz	CP-256QAM	Low	Inner_1RB_Left	17.84	15.39	33	PASS
N25	15kHz	10MHz	CP-256QAM	Low	Inner_1RB_Right	18.04	15.59	33	PASS
N25	15kHz	10MHz	CP-256QAM	Low	Inner_Full	18.02	15.57	33	PASS
N25	15kHz	10MHz	CP-256QAM	Mid	Inner_1RB_Left	17.80	15.35	33	PASS
N25	15kHz	10MHz	CP-256QAM	Mid	Inner_1RB_Right	17.98	15.53	33	PASS
N25	15kHz	10MHz	CP-256QAM	Mid	Inner_Full	17.38	14.93	33	PASS
N25	15kHz	10MHz	CP-256QAM	High	Inner_1RB_Left	17.58	15.13	33	PASS
N25	15kHz	10MHz	CP-256QAM	High	Inner_1RB_Right	17.49	15.04	33	PASS
N25	15kHz	10MHz	CP-256QAM	High	Inner_Full	17.41	14.96	33	PASS
N25	15kHz	15MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.15	20.7	33	PASS
N25	15kHz	15MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.32	20.87	33	PASS
N25	15kHz	15MHz	DFT-PI2BPSK	Low	Inner Full	23.44	20.99	33	PASS
N25	15kHz	15MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.34	20.89	33	PASS
N25	15kHz	15MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.45	21	33	PASS
N25	15kHz	15MHz	DFT-PI2BPSK	Mid	Inner Full	23.20	20.75	33	PASS
N25	15kHz	15MHz	DFT-PI2BPSK	High	Inner 1RB Left	23.10	20.65	33	PASS
N25	15kHz	15MHz	DFT-PI2BPSK	High	Inner_1RB_Right	23.29	20.84	33	PASS
N25	15kHz	15MHz	DFT-PI2BPSK	High	Inner Full	23.35	20.9	33	PASS
N25	15kHz	15MHz	DFT-QPSK	Low	Inner 1RB Left	23.33	20.88	33	PASS
N25	15kHz	15MHz	DFT-QPSK	Low	Inner_1RB_Right	23.27	20.82	33	PASS
N25	15kHz	15MHz	DFT-QPSK	Low	Inner Full	23.31	20.86	33	PASS
N25	15kHz	15MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.16	20.71	33	PASS
N25	15kHz	15MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.39	20.94	33	PASS
N25	15kHz	15MHz	DFT-QPSK	Mid	Inner Full	23.20	20.75	33	PASS
N25	15kHz	15MHz	DFT-QPSK	High	Inner_1RB_Left	23.49	21.04	33	PASS
N25	15kHz	15MHz	DFT-QPSK	High	Inner_1RB_Right	23.24	20.79	33	PASS
N25	15kHz	15MHz	DFT-QPSK	High		23.22	20.77	33	PASS
N25	15kHz	15MHz	DFT-16QAM	Low	Inner_1RB_Left	23.08	20.63	33	PASS
N25	15kHz	15MHz	DFT-16QAM	Low	Inner_1RB_Right		22.37 19.92 22.34 19.89	33 33	PASS
N25	15kHz	15MHz	DFT-16QAM	Low	Inner Full				PASS
N25	15kHz	15MHz	DFT-16QAM	Mid	Inner_1RB_Left	22.33	19.88	33	PASS
N25	15kHz	15MHz	DFT-16QAM	Mid	Inner_1RB_Right	21.96	19.51	33	PASS
N25	15kHz	15MHz	DFT-16QAM	Mid	Inner Full	22.20	19.75	33	PASS
N25	15kHz	15MHz	DFT-16QAM	High	Inner 1RB Left	22.21	19.76	33	PASS
N25	15kHz	15MHz	DFT-16QAM	High	Inner 1RB Right	21.36	18.91	33	PASS
N25	15kHz	15MHz	DFT-16QAM	High	Inner Full	22.51	20.06	33	PASS
N25	15kHz	15MHz	DFT-64QAM	Low	Inner 1RB Left	21.49	19.04	33	PASS
N25	15kHz	15MHz	DFT-64QAM	Low	Inner_1RB_Right	21.52	19.07	33	PASS
N25	15kHz	15MHz	DFT-64QAM	Low	Inner_Full	21.90	19.45	33	PASS
N25	15kHz	15MHz	DFT-64QAM	Mid	Inner_1RB_Left	21.45	19	33	PASS
N25	15kHz	15MHz	DFT-64QAM	Mid	Inner_1RB_Right	21.66	19.21	33	PASS
N25	15kHz	15MHz	DFT-64QAM	Mid	Inner_Full	21.74	19.29	33	PASS
N25	15kHz	15MHz	DFT-64QAM	High	Inner 1RB Left	21.37	18.92	33	PASS
N25	15kHz	15MHz	DFT-64QAM	High	Inner 1RB Right	20.13	17.68	33	PASS
N25	15kHz	15MHz	DFT-64QAM	High	Inner_Full	21.06	18.61	33	PASS
N25	15kHz	15MHz	DFT-256QAM	Low	Inner_1RB_Left	19.72	17.27	33	PASS
N25	15kHz	15MHz	DFT-256QAM	Low	Inner_1RB_Right	19.83	17.38	33	PASS
N25	15kHz	15MHz	DFT-256QAM	Low	Inner_Full	19.86	17.30	33	PASS
N25	15kHz			Mid	Inner_1RB_Left	19.78	17.33	33	PASS
N25	15kHz	15MHz	DFT-256QAM	Mid	Inner_1RB_Right	19.76	16.82	33	PASS
N25	15kHz			Mid	Inner_Full	19.26	16.81	33	PASS
N25	15kHz	15MHz	DFT-256QAM		Inner_1RB_Left	19.26	17.23	<u></u>	PASS
CZVI	IOKEZ	IOIVIE	DE 1-500GAIM	High	IIIIIeI_IKD_LeIt	19.00	17.23	აა	LHOO



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	N25 15kHz 15MHz DET-256OAM Lligh Innot 1DD Dight 19.79 16.22 7								
N25	15kHz	15MHz	DFT-256QAM	High	Inner_1RB_Right	18.78	16.33	33	PASS
N25	15kHz	15MHz	DFT-256QAM	High	Inner_Full	19.09	16.64	33	PASS
N25	15kHz	15MHz	CP-QPSK	Low	Inner_1RB_Left	23.19	20.74	33	PASS
N25	15kHz	15MHz	CP-QPSK	Low	Inner_1RB_Right	22.97	20.52	33	PASS
N25	15kHz	15MHz	CP-QPSK	Low	Inner_Full	22.91	20.46	33	PASS
N25	15kHz	15MHz	CP-QPSK	Mid	Inner_1RB_Left	23.19	20.74	33	PASS
N25	15kHz	15MHz	CP-QPSK	Mid	Inner_1RB_Right	23.09	20.64	33	PASS
N25	15kHz	15MHz	CP-QPSK	Mid	Inner_Full	22.89	20.44	33	PASS
N25	15kHz	15MHz	CP-QPSK	High	Inner_1RB_Left	23.16	20.71	33	PASS
N25	15kHz	15MHz	CP-QPSK	High	Inner_1RB_Right	23.11	20.66	33	PASS
N25	15kHz			High	Inner_Full	22.85	20.4	33	PASS
N25	15kHz			Low	Inner_1RB_Left	22.12	19.67	33	PASS
N25	15kHz	15MHz	CP-16QAM	Low	Inner_1RB_Right	22.03	19.58	33	PASS
N25	15kHz	15MHz	CP-16QAM	Low	Inner_Full	22.40	19.95	33	PASS
N25	15kHz	15MHz	CP-16QAM	Mid	Inner_1RB_Left	22.41	19.96	33	PASS
N25	15kHz	15MHz	CP-16QAM	Mid	Inner_1RB_Right	22.18	19.73	33	PASS
N25	15kHz	15MHz	CP-16QAM	Mid	Inner_Full	22.21	19.76	33	PASS
N25	15kHz	15MHz	CP-16QAM	High	Inner_1RB_Left	21.76	19.31	33	PASS
N25	15kHz	15MHz	CP-16QAM	High	Inner_1RB_Right	21.97	19.52	33	PASS
N25	15kHz	15MHz	CP-16QAM	High	Inner_Full	21.46	19.01	33	PASS
N25	15kHz	15MHz	CP-64QAM	Low	Inner_1RB_Left	20.62	18.17	33	PASS
N25	15kHz	15MHz	CP-64QAM	Low	Inner_1RB_Right	20.54	18.09	33	PASS
N25	15kHz	15MHz	CP-64QAM	Low	Inner_Full	20.90	18.45	33	PASS
N25	15kHz	15MHz	CP-64QAM	Mid	Inner_1RB_Left	20.70	18.25	33	PASS
N25	15kHz	15MHz	CP-64QAM	Mid	Inner_1RB_Right	20.77	18.32	33	PASS
N25	15kHz	15MHz	CP-64QAM	Mid	Inner_Full	20.82	18.37	33	PASS
N25	15kHz	15MHz	CP-64QAM	High	Inner_1RB_Left	20.41	17.96	33	PASS
N25	15kHz	15MHz	CP-64QAM	High	Inner_1RB_Right	19.27	16.82	33	PASS
N25	15kHz	15MHz	CP-64QAM	High	Inner_Full	20.06	17.61	33	PASS
N25	15kHz	15MHz	CP-256QAM	Low	Inner_1RB_Left	17.78	15.33	33	PASS
N25	15kHz	15MHz	CP-256QAM	Low	Inner_1RB_Right	17.50	15.05	33	PASS
N25	15kHz	15MHz	CP-256QAM	Low	Inner_Full	17.89	15.44	33	PASS
N25	15kHz	15MHz	CP-256QAM	Mid	Inner_1RB_Left	17.71	15.26	33	PASS
N25	15kHz	15MHz	CP-256QAM	Mid	Inner_1RB_Right	18.02	15.57	33	PASS
N25	15kHz	15MHz	CP-256QAM	Mid	Inner_Full	17.13	14.68	33	PASS
N25	15kHz	15MHz	CP-256QAM	High	Inner_1RB_Left	17.64	15.19	33	PASS
N25	15kHz	15MHz	CP-256QAM	High	Inner_1RB_Right	17.94	15.49	33	PASS
N25	15kHz	15MHz	CP-256QAM	High	Inner_Full	17.96	15.51	33	PASS
N25	15kHz	20MHz	DFT-PI2BPSK	Low	Inner_1RB_Left	23.14	20.69	33	PASS
N25	15kHz	20MHz	DFT-PI2BPSK	Low	Inner_1RB_Right	23.05	20.6	33	PASS
N25	15kHz	20MHz	DFT-PI2BPSK	Low	Inner_Full	22.85	20.4	33	PASS
N25	15kHz	20MHz	DFT-PI2BPSK	Mid	Inner_1RB_Left	23.25	20.8	33	PASS
N25	15kHz	20MHz	DFT-PI2BPSK	Mid	Inner_1RB_Right	23.49	21.04	33	PASS
N25	15kHz	20MHz	DFT-PI2BPSK	Mid	Inner_Full	23.37	20.92	33	PASS
N25	15kHz	20MHz	DFT-PI2BPSK	High	Inner_1RB_Left	23.31	20.86	33	PASS
N25	15kHz	20MHz	DFT-PI2BPSK	High	Inner_1RB_Right	22.45	20	33	PASS
N25	15kHz	20MHz	DFT-PI2BPSK	High	Inner_Full	23.89	21.44	33	PASS
N25	15kHz	20MHz	DFT-QPSK	Low	Inner_1RB_Left	23.54	21.09	33	PASS
N25	15kHz	20MHz	DFT-QPSK	Low	Inner_1RB_Right	23.40	20.95	33	PASS
N25	15kHz	20MHz	DFT-QPSK	Low	Inner_Full	23.39	20.94	33	PASS
N25	15kHz	20MHz	DFT-QPSK	Mid	Inner_1RB_Left	23.13	20.68	33	PASS
N25	15kHz	20MHz	DFT-QPSK	Mid	Inner_1RB_Right	23.42	20.97	33	PASS
N25	15kHz	20MHz	DFT-QPSK	Mid	Inner_Full	23.31	20.86	33	PASS



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N25 15kHz 20MHz DET ODSK High Innor 1DD Loft 22.19 20.72 3									
N25	15kHz	20MHz	DFT-QPSK	High	Inner_1RB_Left	23.18	20.73	33	PASS
N25	15kHz	20MHz	DFT-QPSK	High	Inner_1RB_Right	23.38	20.93	33	PASS
N25	15kHz	20MHz	DFT-QPSK	High	Inner_Full	23.86	21.41	33	PASS
N25	15kHz	20MHz	DFT-16QAM	Low	Inner_1RB_Left	22.23	19.78	33	PASS
N25	15kHz	20MHz	DFT-16QAM	Low	Inner_1RB_Right	22.24	19.79	33	PASS
N25	15kHz	20MHz	DFT-16QAM	Low	Inner_Full	22.34	19.89	33	PASS
N25	15kHz	20MHz	//Hz DFT-16QAM		Inner_1RB_Left	22.32	19.87	33	PASS
N25	15kHz	20MHz	DFT-16QAM	Mid	Inner_1RB_Right	22.57	20.12	33	PASS
N25	15kHz	20MHz	DFT-16QAM	Mid	Inner_Full	22.30	19.85	33	PASS
N25	15kHz	20MHz	DFT-16QAM	High	Inner_1RB_Left	22.37	19.92	33	PASS
N25	15kHz	20MHz	DFT-16QAM	High	Inner_1RB_Right	22.50	20.05	33	PASS
N25	15kHz	20MHz	DFT-16QAM	High	Inner_Full	22.82	20.37	33	PASS
N25	15kHz	20MHz	DFT-64QAM	Low	Inner_1RB_Left	21.11	18.66	33	PASS
N25	15kHz	20MHz	DFT-64QAM	Low	Inner_1RB_Right	22.21	19.76	33	PASS
N25	15kHz	20MHz	DFT-64QAM	Low	Inner_Full	21.85	19.4	33	PASS
N25	15kHz	20MHz	DFT-64QAM	Mid	Inner_1RB_Left	21.82	19.37	33	PASS
N25	15kHz	20MHz	DFT-64QAM	Mid	Inner_1RB_Right	22.50	20.05	33	PASS
N25	15kHz	20MHz	DFT-64QAM	Mid	Inner_Full	21.89	19.44	33	PASS
N25	15kHz	20MHz	DFT-64QAM	High	Inner_1RB_Left	22.15	19.7	33	PASS
N25	15kHz	20MHz	DFT-64QAM	High	Inner_1RB_Right	20.75	18.3	33	PASS
N25	15kHz	20MHz	DFT-64QAM	High	Inner_Full	21.45	19	33	PASS
N25	15kHz	20MHz	DFT-256QAM	Low	Inner_1RB_Left	19.74	17.29	33	PASS
N25	15kHz	20MHz	DFT-256QAM	Low	Inner_1RB_Right	19.33	16.88	33	PASS
N25	15kHz	20MHz	DFT-256QAM	Low	Inner_Full	19.18	16.73	33	PASS
N25	15kHz	20MHz	DFT-256QAM	Mid	Inner_1RB_Left	19.73	17.28	33	PASS
N25	15kHz	20MHz	DFT-256QAM	Mid	Inner_1RB_Right	20.13	17.68	33	PASS
N25	15kHz	20MHz	DFT-256QAM	Mid	Inner_Full	19.87		33	PASS
N25	15kHz	20MHz	DFT-256QAM	High	Inner_1RB_Left	19.77	17.32	33	PASS
N25	15kHz	20MHz	DFT-256QAM F		Inner_1RB_Right Inner_Full Inner_1RB_Left Inner_1RB_Right	19.32	16.87	33 33	PASS
N25	15kHz	20MHz	DFT-256QAM			19.69			PASS
N25	15kHz	20MHz	CP-QPSK	Low		23.00 20.55	33	PASS	
N25	15kHz	20MHz	CP-QPSK	Low		23.03	20.58	33	PASS
N25	15kHz	20MHz	CP-QPSK	Low	Inner_Full	22.90	20.45	33	PASS
N25	15kHz	20MHz	CP-QPSK	Mid	Inner_1RB_Left	23.10	20.65	33	PASS
N25	15kHz	20MHz	CP-QPSK	Mid	Inner_1RB_Right	23.41	20.96	33	PASS
N25	15kHz	20MHz	CP-QPSK	Mid	Inner_Full	22.58	20.13	33	PASS
N25	15kHz	20MHz	CP-QPSK	High	Inner_1RB_Left	22.65	20.2	33	PASS
N25	15kHz	20MHz	CP-QPSK	High	Inner_1RB_Right	22.26	19.81	33	PASS
N25	15kHz	20MHz	CP-QPSK	High	Inner_Full	22.06	19.61	33	PASS
N25	15kHz	20MHz	CP-16QAM	Low	Inner_1RB_Left	21.78	19.33	33	PASS
N25	15kHz	20MHz	CP-16QAM	Low	Inner_1RB_Right	22.11	19.66	33	PASS
N25	15kHz	20MHz	CP-16QAM	Low	Inner_Full	22.38	19.93	33	PASS
N25	15kHz	20MHz	CP-16QAM	Mid	Inner_1RB_Left	22.17	19.72	33	PASS
N25	15kHz	20MHz	CP-16QAM	Mid	Inner_1RB_Right	22.36	19.91	33	PASS
N25	15kHz	20MHz	CP-16QAM	Mid	Inner_Full	22.20	19.75	33	PASS
N25	15kHz	20MHz	CP-16QAM	High	Inner_1RB_Left	22.01	19.56	33	PASS
N25	15kHz	20MHz	CP-16QAM	High	Inner_1RB_Right	20.21	17.76	33	PASS
N25	15kHz	20MHz	CP-16QAM	High	Inner_Full	21.72	19.27	33	PASS
N25	15kHz	20MHz	CP-64QAM	Low	Inner_1RB_Left	20.85	18.4	33	PASS
N25			Low	Inner_1RB_Right	20.75	18.3	33	PASS	
N25				Inner_Full	20.90	18.45	33	PASS	
N25 N25	15kHz	20MHz	CP-64QAM	Mid Mid	Inner_1RB_Left	20.71	18.26	33 33	PASS
UZ⊅	15kHz	20MHz	CP-64QAM	Mid	Inner_1RB_Right	20.94	18.49	১১	PASS



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N25	15kHz	20MHz	CP-64QAM	Mid	Inner_Full	20.88	18.43	33	PASS
N25	15kHz	20MHz	CP-64QAM	High	Inner_1RB_Left	20.73	18.28	33	PASS
N25	15kHz	20MHz	CP-64QAM	High	Inner_1RB_Right	19.49	17.04	33	PASS
N25	15kHz	20MHz	CP-64QAM	High	Inner_Full	20.39	17.94	33	PASS
N25	15kHz	20MHz	CP-256QAM	Low	Inner_1RB_Left	17.71	15.26	33	PASS
N25	15kHz	20MHz	CP-256QAM	Low	Inner_1RB_Right	17.23	14.78	33	PASS
N25	15kHz	20MHz	CP-256QAM	Low	Inner_Full	17.68	15.23	33	PASS
N25	15kHz	20MHz	CP-256QAM	Mid	Inner_1RB_Left	17.22	14.77	33	PASS
N25	15kHz	20MHz	CP-256QAM	Mid	Inner_1RB_Right	17.24	14.79	33	PASS
N25	15kHz	20MHz	CP-256QAM	Mid	Inner_Full	17.64	15.19	33	PASS
N25	15kHz	20MHz	CP-256QAM	High	Inner_1RB_Left	17.98	15.53	33	PASS
N25	15kHz	20MHz	CP-256QAM	High	Inner_1RB_Right	17.88	15.43	33	PASS
N25	15kHz	20MHz	CP-256QAM	High	Inner_Full	17.45	15	33	PASS

Note:

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

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

ERP [dBm] = Conducted Power [dBm] + Gain [dBi] -2.15



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2. Peak-to-Average Ratio(CCDF) for SA

2.1. Test Result

BandName	SCS	Bandwidth	Modulation	Channel	RBSize	Result	Limit	Verdict
N25	15kHz	20MHz	DFT-QPSK	Mid	Outer_Full	4.59	≤13	PASS
N25	15kHz	20MHz	CP-QPSK	Mid	Outer_Full	6.52	≤13	PASS

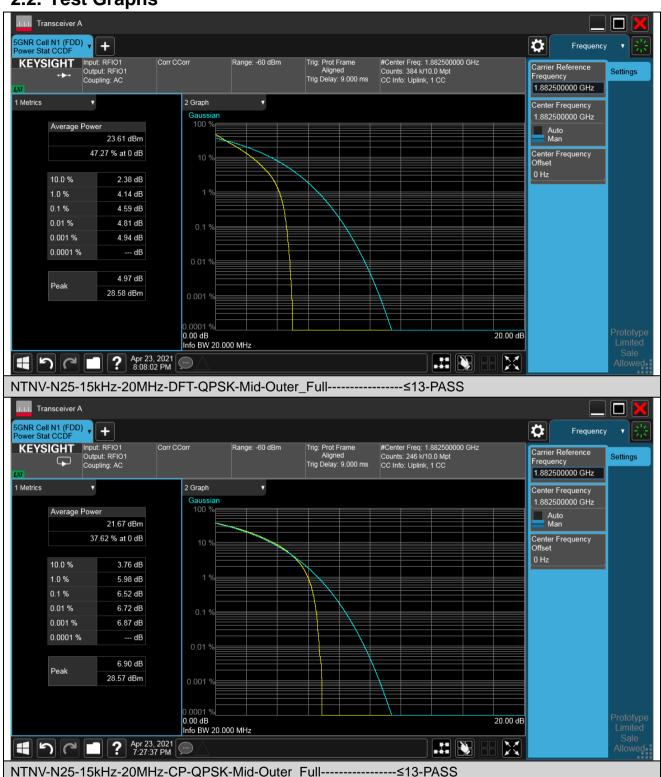


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2.2. Test Graphs





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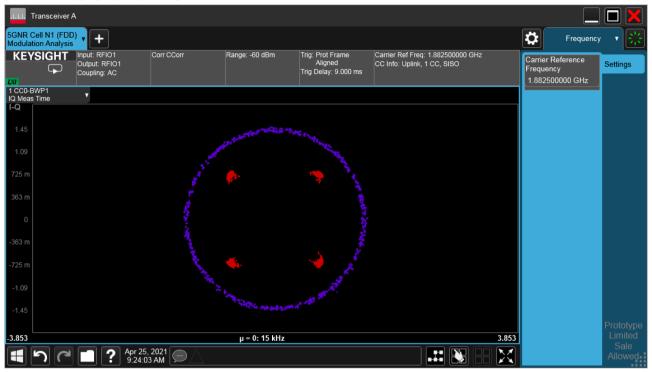
3. Modulation Characteristics

3.1. Test Plots

3.1.1. Test Band = N25

3.1.1.1. Test Mode = TM1 20MHz

3.1.1.1.1 Test Channel = MCH





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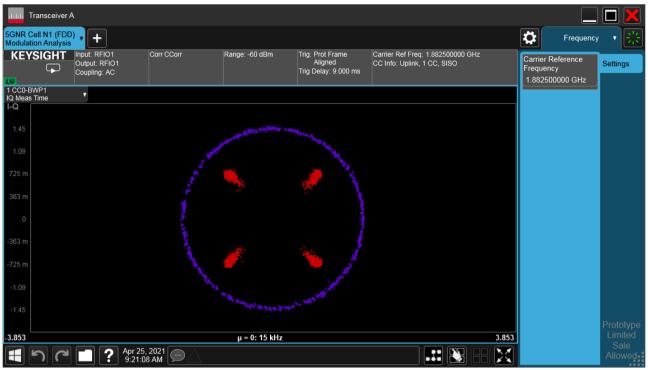
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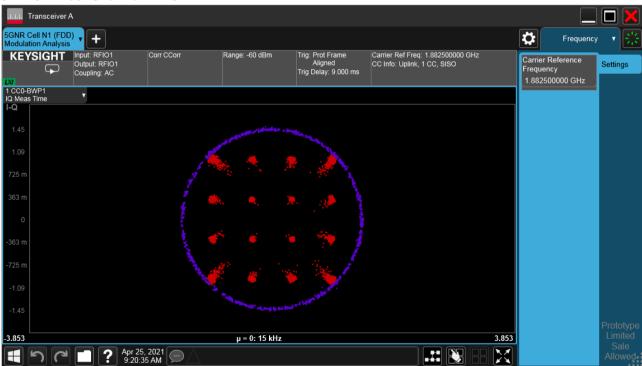
3.1.1.2. Test Mode = TM2 20MHz

3.1.1.2.1. Test Channel = MCH



3.1.1.3. Test Mode = TM3 20MHz

3.1.1.3.1. Test Channel = MCH





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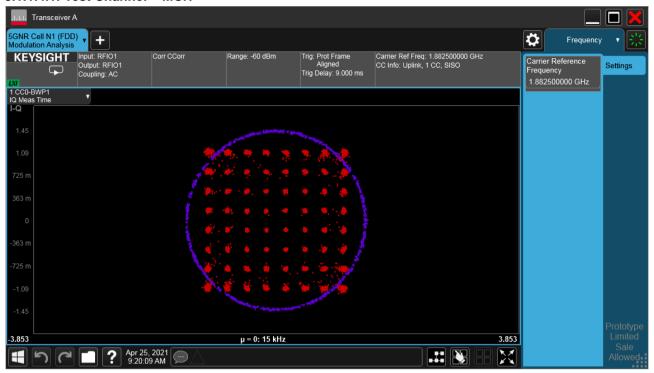
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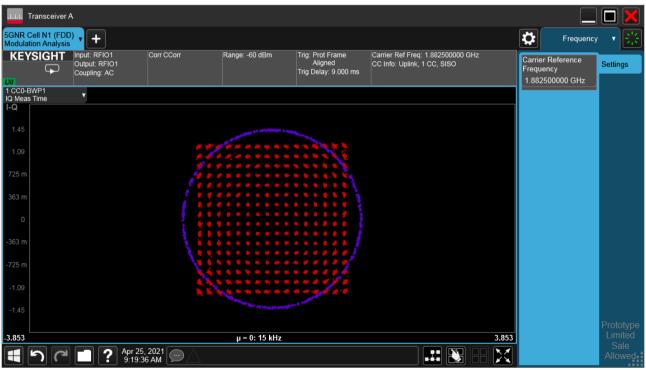
3.1.1.4. Test Mode = TM4 20MHz

3.1.1.4.1. Test Channel = MCH



Test Mode = TM5 20MHz

3.1.1.5.1. Test Channel = MCH





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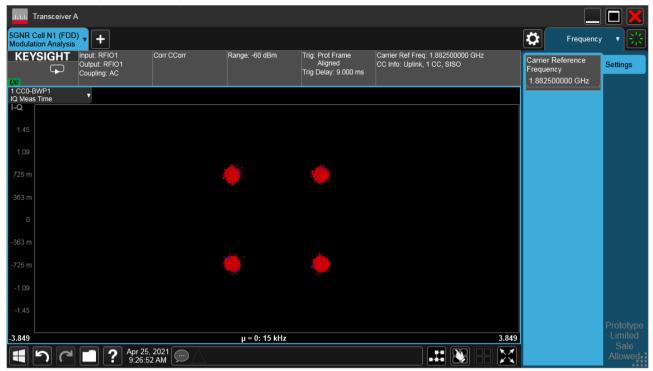
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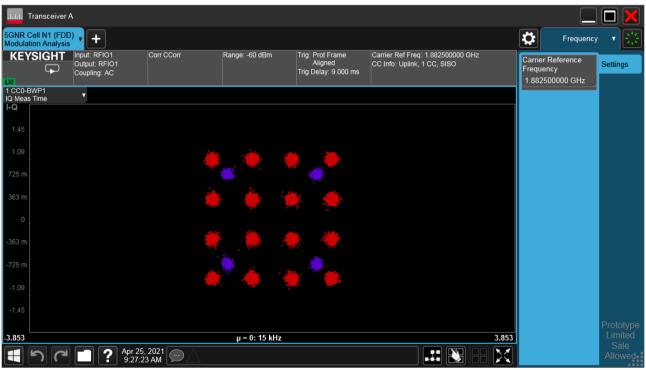
3.1.1.6. Test Mode = TM6 20MHz

3.1.1.6.1. Test Channel = MCH



Test Mode = TM7 20MHz

3.1.1.7.1. Test Channel = MCH





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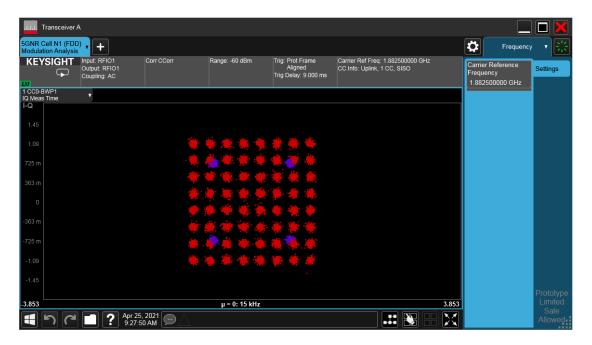
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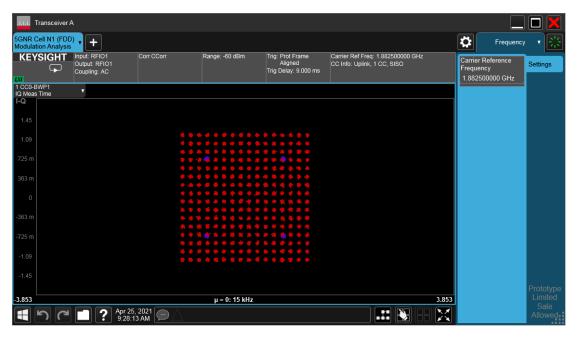
3.1.1.8. Test Mode = TM8 20MHz

3.1.1.8.1. Test Channel = MCH



3.1.1.9. Test Mode = TM9 20MHz

3.1.1.9.1. Test Channel = MCH



REMARK:

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



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4. 26dB Bandwidth and Occupied Bandwidth for SA

4.1. Test Result

BandName	SCS	Bandwidth	Modulation	Channel	RBSize	OBW	26dB	Verdict
N25	15kHz	5MHz	DFT-BPSK	Mid	Outer_Full	4.47	4.80	PASS
N25	15kHz	5MHz	DFT-QPSK	Mid	Outer_Full	4.47	4.80	PASS
N25	15kHz	5MHz	DFT-16QAM	Mid	Outer_Full	4.47	4.78	PASS
N25	15kHz	5MHz	DFT-64QAM	Mid	Outer_Full	4.47	4.84	PASS
N25	15kHz	5MHz	DFT-256QAM	Mid	Outer_Full	4.46	4.75	PASS
N25	15kHz	5MHz	CP-QPSK	Mid	Outer_Full	4.47	4.84	PASS
N25	15kHz	5MHz	CP-16QAM	Mid	Outer_Full	4.47	4.85	PASS
N25	15kHz	5MHz	CP-64QAM	Mid	Outer_Full	4.45	4.82	PASS
N25	15kHz	5MHz	CP-256QAM	Mid	Outer_Full	4.45	4.69	PASS
N25	15kHz	10MHz	DFT-BPSK	Mid	Outer_Full	8.92	9.30	PASS
N25	15kHz	10MHz	DFT-QPSK	Mid	Outer_Full	8.94	9.42	PASS
N25	15kHz	10MHz	DFT-16QAM	Mid	Outer_Full	8.89	9.32	PASS
N25	15kHz	10MHz	DFT-64QAM	Mid	Outer_Full	8.89	9.32	PASS
N25	15kHz	10MHz	DFT-256QAM	Mid	Outer_Full	8.96	9.34	PASS
N25	15kHz	10MHz	CP-QPSK	Mid	Outer_Full	9.31	9.75	PASS
N25	15kHz	10MHz	CP-16QAM	Mid	Outer_Full	9.28	9.60	PASS
N25	15kHz	10MHz	CP-64QAM	Mid	Outer_Full	9.26	9.71	PASS
N25	15kHz	10MHz	CP-256QAM	Mid	Outer_Full	9.27	9.84	PASS
N25	15kHz	15MHz	DFT-BPSK	Mid	Outer_Full	13.38	13.86	PASS
N25	15kHz	15MHz	DFT-QPSK	Mid	Outer_Full	13.40	14.10	PASS
N25	15kHz	15MHz	DFT-16QAM	Mid	Outer_Full	13.42	13.89	PASS
N25	15kHz	15MHz	DFT-64QAM	Mid	Outer_Full	13.40	13.94	PASS
N25	15kHz	15MHz	DFT-256QAM	Mid	Outer_Full	13.34	13.98	PASS
N25	15kHz	15MHz	CP-QPSK	Mid	Outer_Full	13.36	13.87	PASS
N25	15kHz	15MHz	CP-16QAM	Mid	Outer_Full	13.38	13.97	PASS
N25	15kHz	15MHz	CP-64QAM	Mid	Outer_Full	13.39	14.04	PASS
N25	15kHz	15MHz	CP-256QAM	Mid	Outer_Full	13.41	13.97	PASS
N25	15kHz	20MHz	DFT-BPSK	Mid	Outer_Full	17.87	18.50	PASS
N25	15kHz	20MHz	DFT-QPSK	Mid	Outer_Full	17.92	18.49	PASS
N25	15kHz	20MHz	DFT-16QAM	Mid	Outer_Full	17.91	18.52	PASS
N25	15kHz	20MHz	DFT-64QAM	Mid	Outer_Full	17.88	18.49	PASS
N25	15kHz	20MHz	DFT-256QAM	Mid	Outer_Full	17.88	18.62	PASS
N25	15kHz	20MHz	CP-QPSK	Mid	Outer_Full	17.81	18.48	PASS
N25	15kHz	20MHz	CP-16QAM	Mid	Outer_Full	17.94	18.53	PASS
N25	15kHz	20MHz	CP-64QAM	Mid	Outer_Full	17.78	18.47	PASS
N25	15kHz	20MHz	CP-256QAM	Mid	Outer_Full	17.95	18.50	PASS



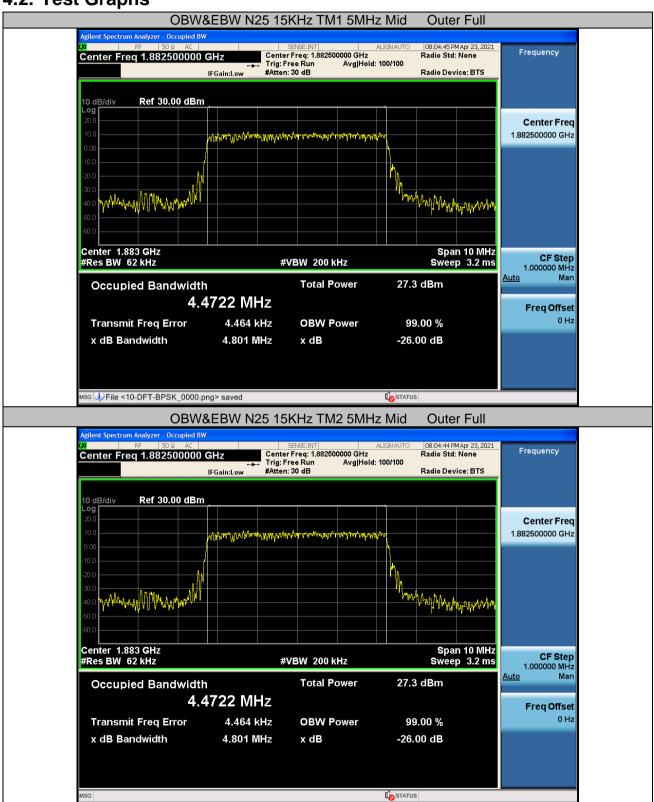
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4.2. Test Graphs



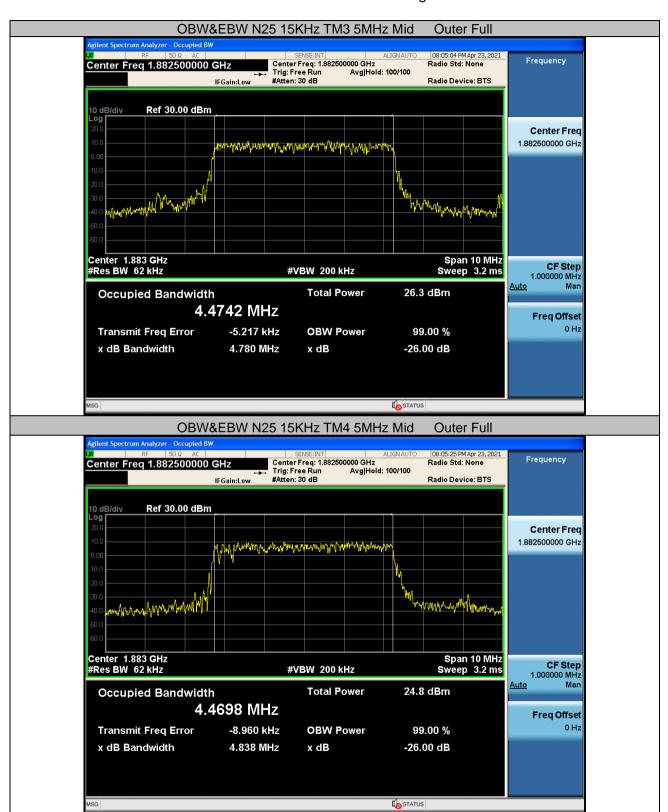


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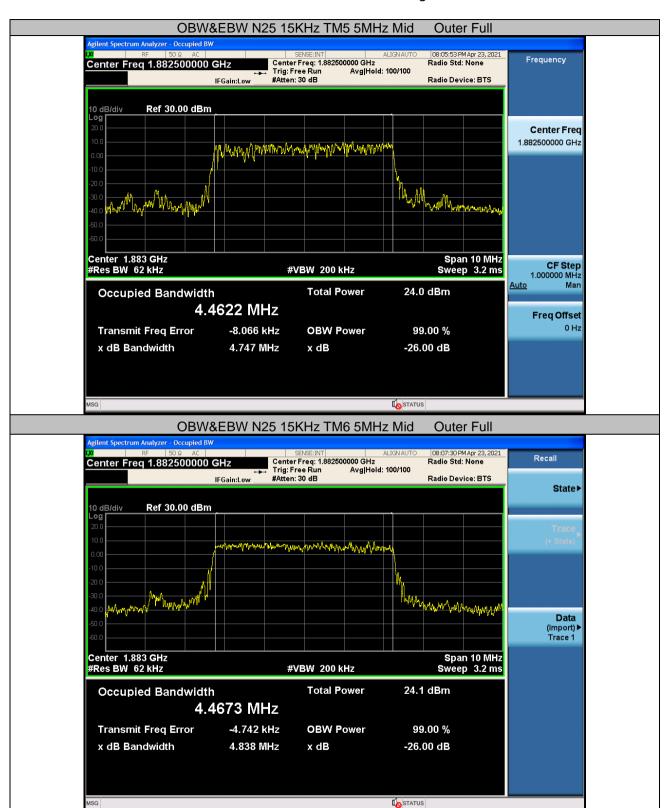


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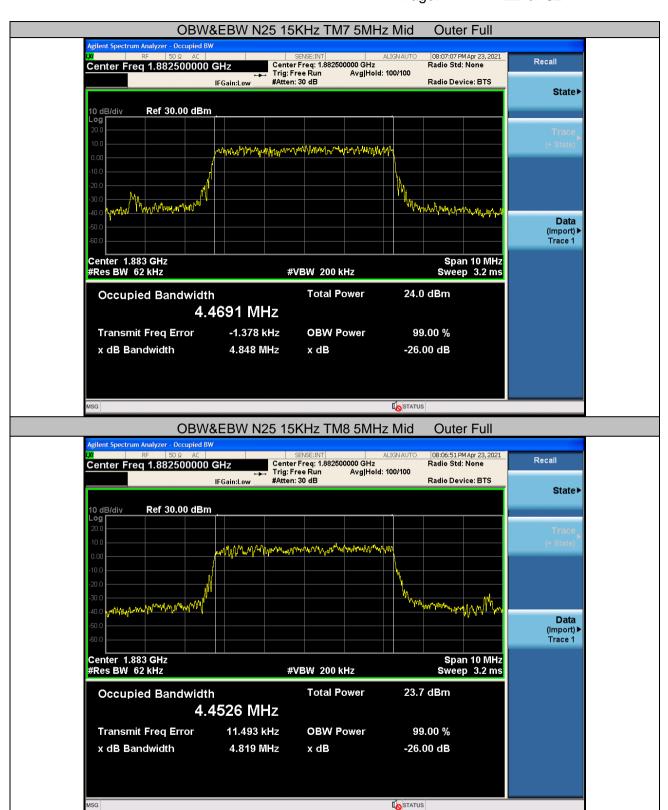


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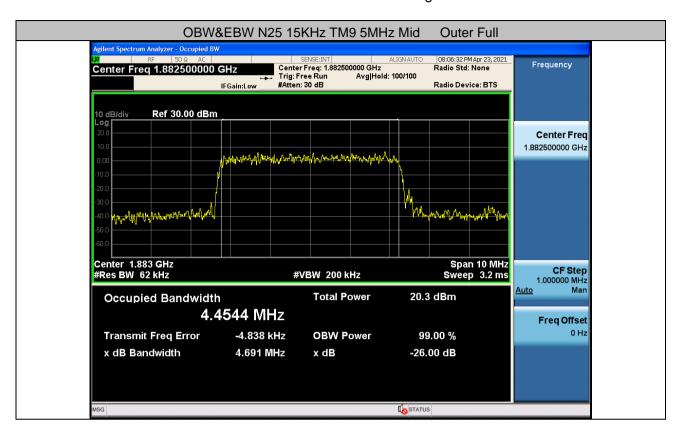


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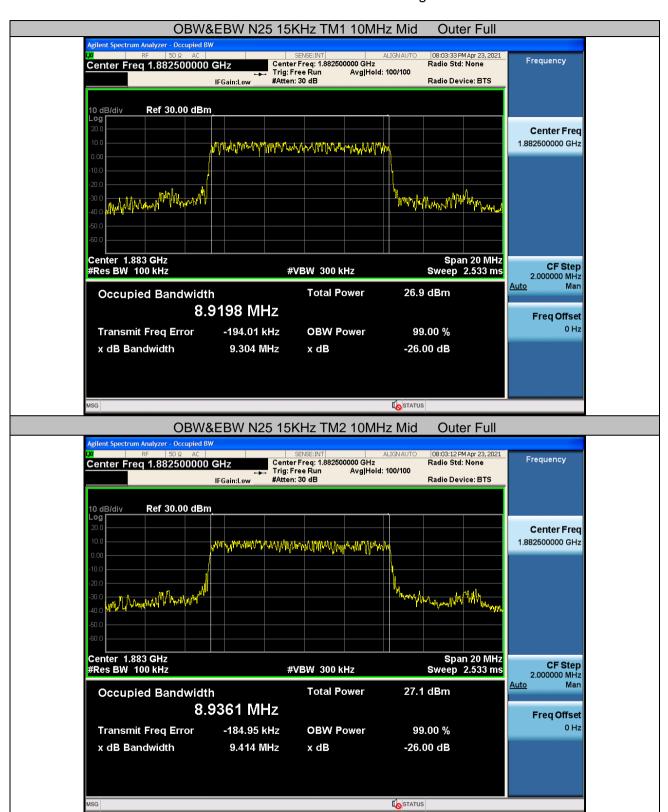


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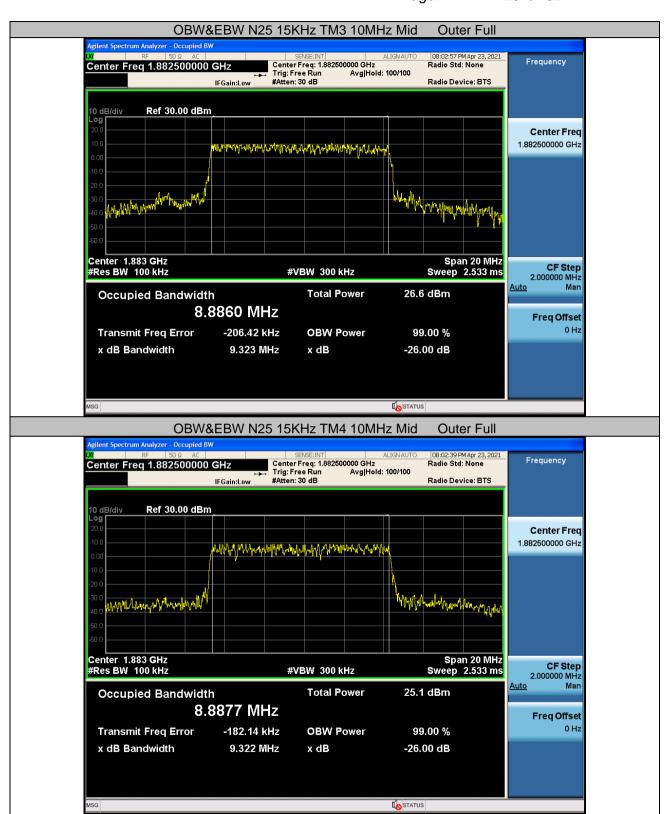




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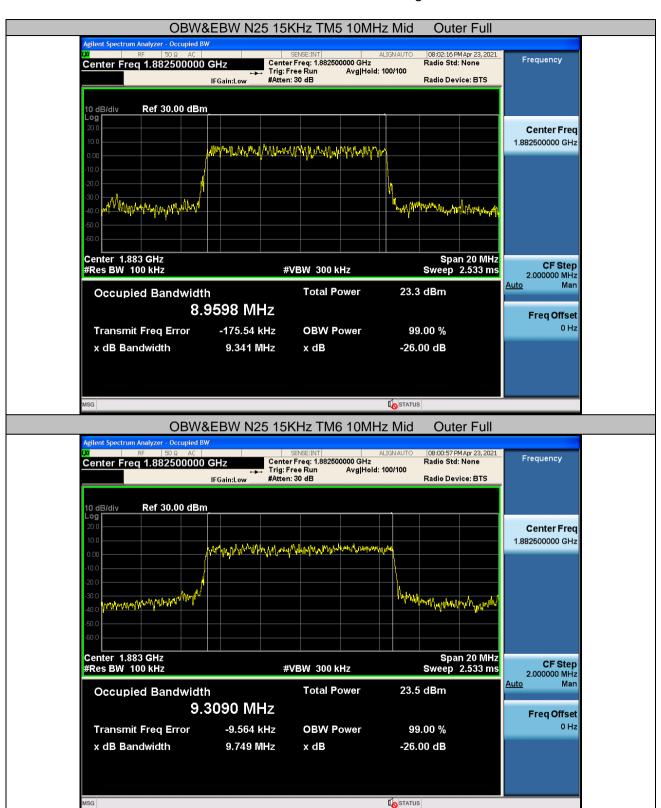


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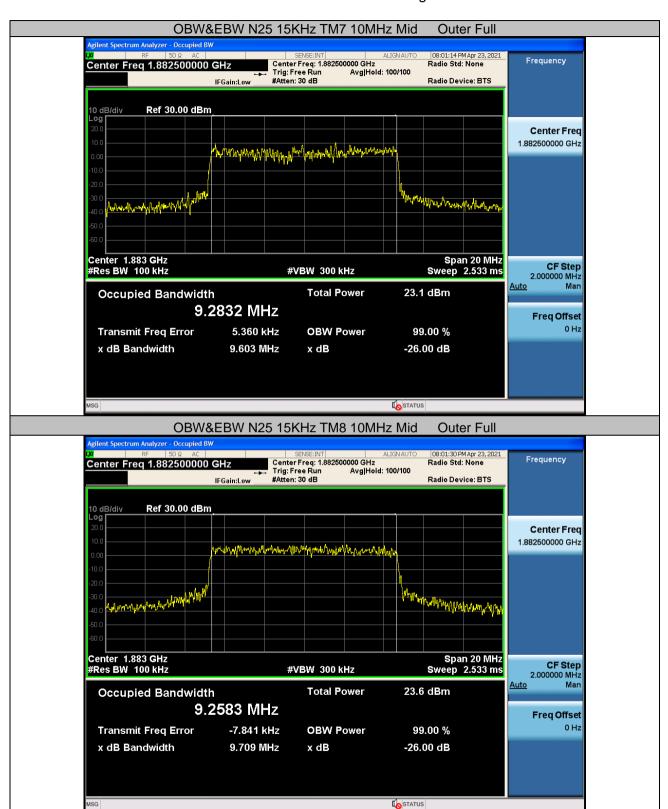


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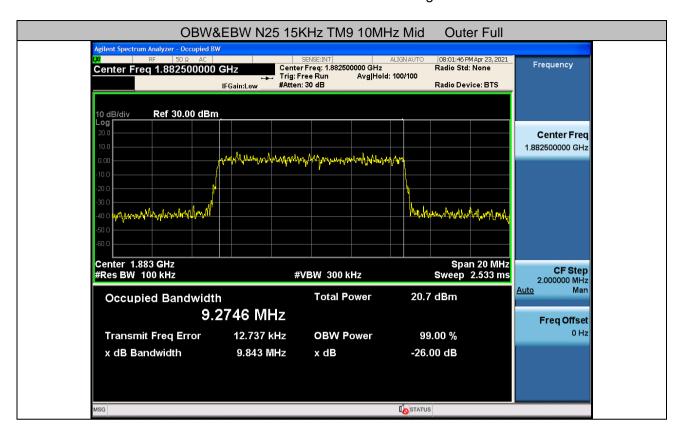


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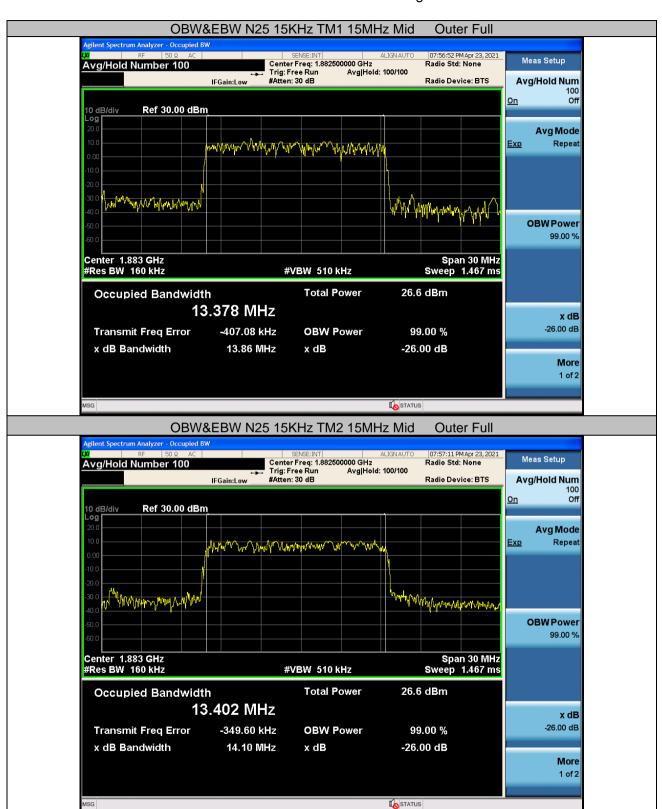


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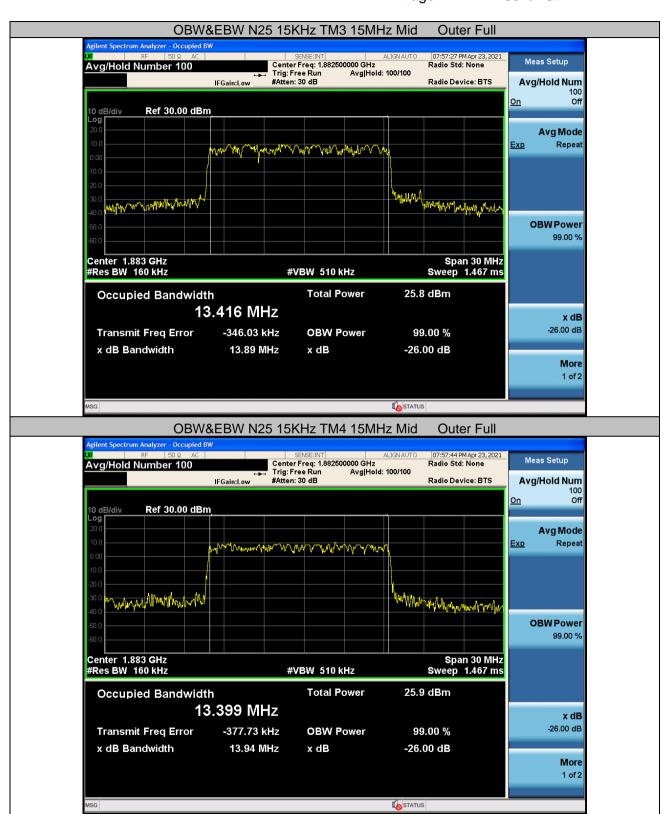


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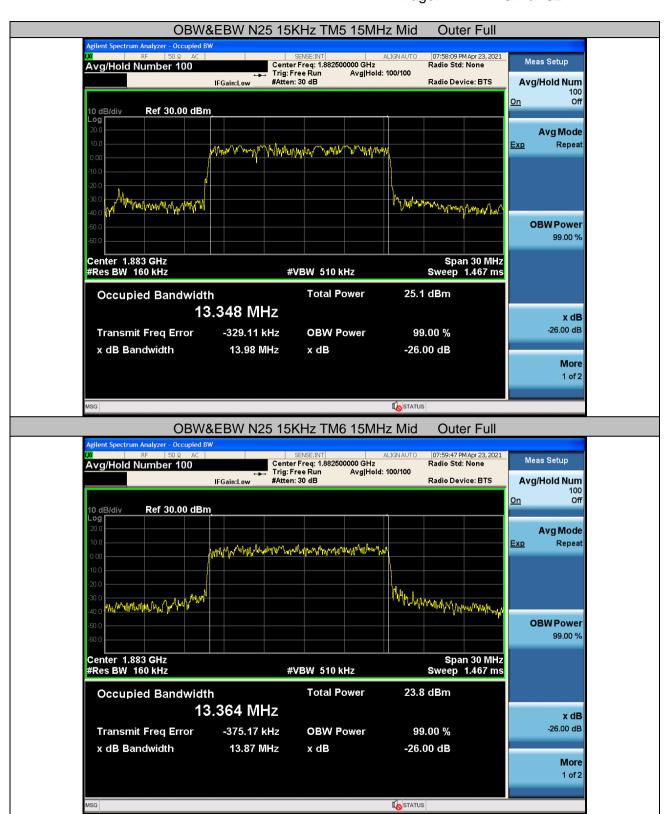


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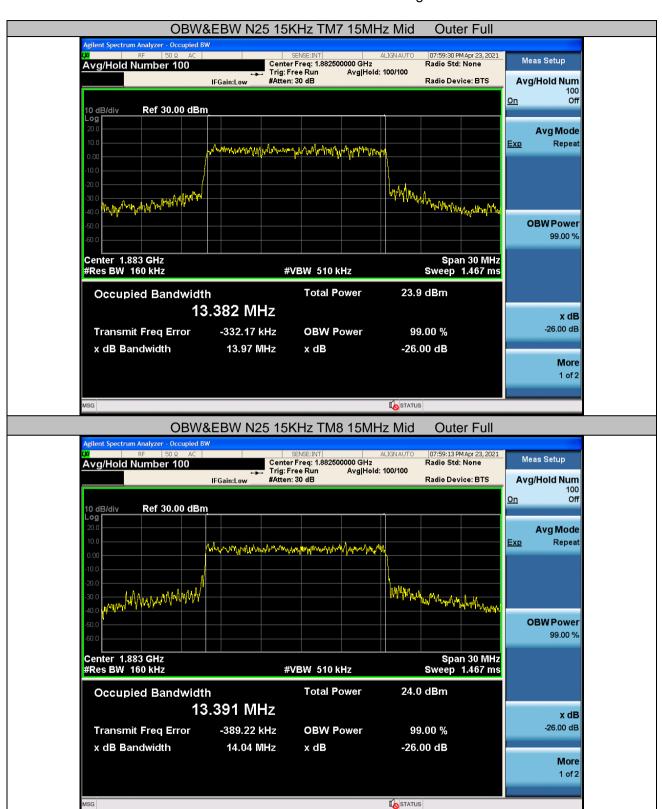




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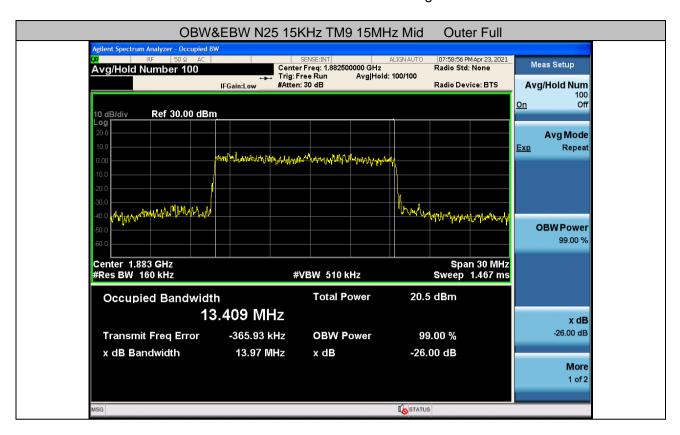


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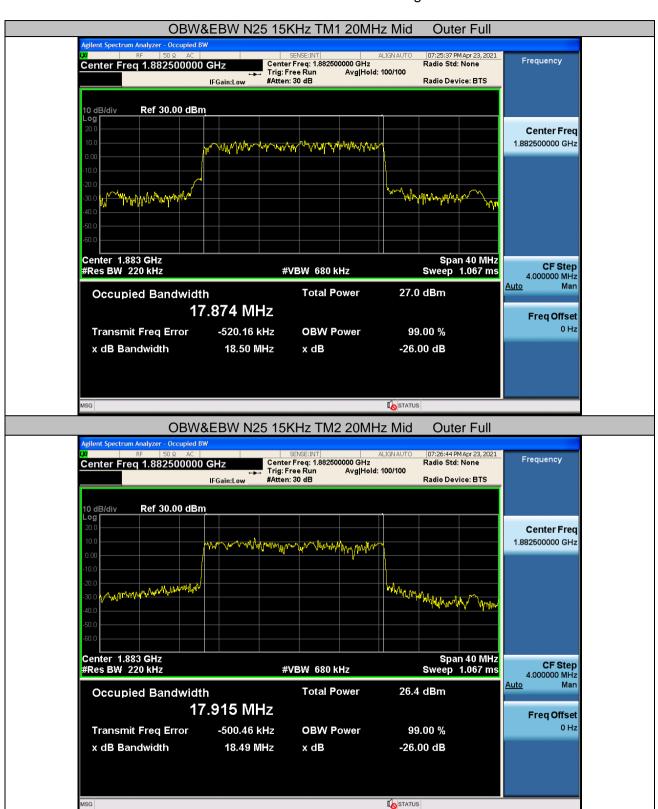


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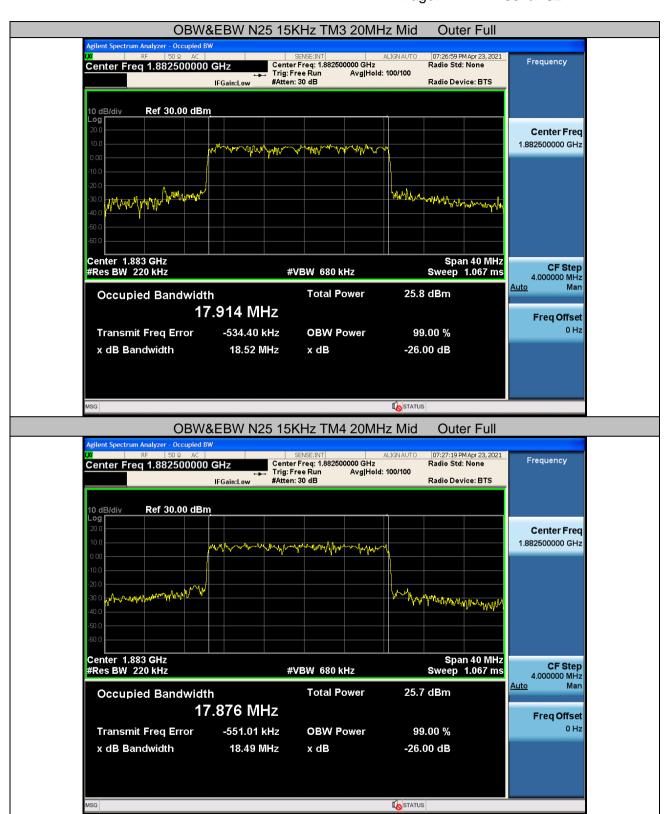


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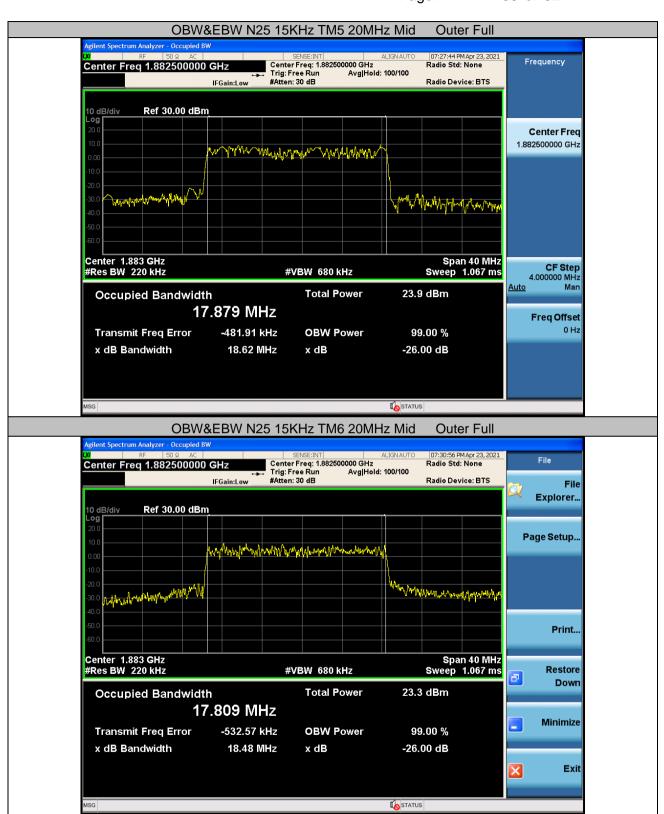


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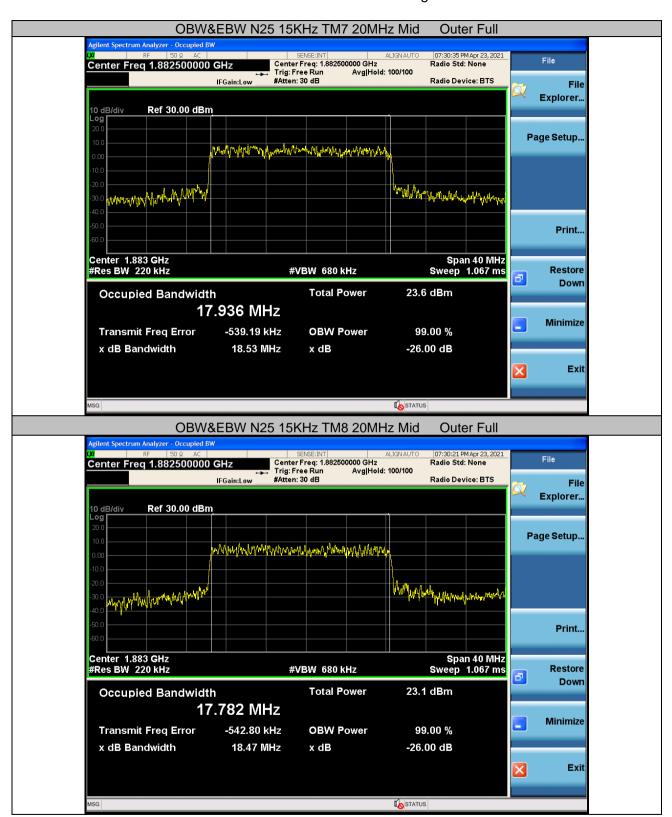


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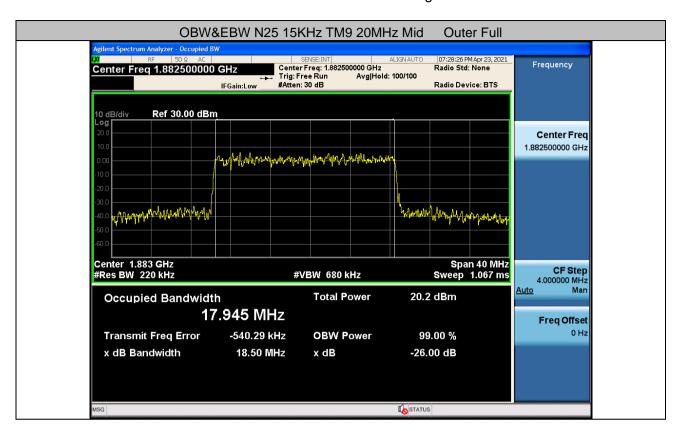




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REMARK:

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



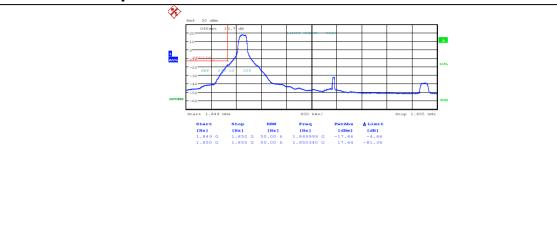
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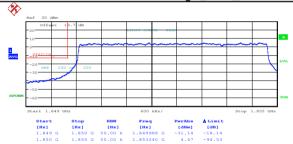
Report No.:ZR/2021/3002206 Page: 39 of 82

5. Band Edge for SA

5.1. Test Graphs



NTNV-N25-15kHz-5MHz-DFT-PI2BPSK-Low-Edge_1RB_Left-----see graph-PASS



Date: 7.JUN.2021 14:58:0

NTNV-N25-15kHz-5MHz-DFT-PI2BPSK-Low-Outer_Full-----see graph-PASS



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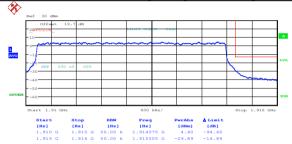
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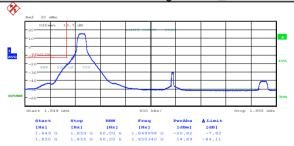
Date: 7.JUN.2021 15:05:12

NTNV-N25-15kHz-5MHz-DFT-PI2BPSK-High-Edge_1RB_Right-----see graph-PASS



Date: 7.JUN.2021 15:07:12

NTNV-N25-15kHz-5MHz-DFT-PI2BPSK-High-Outer_Full-----see graph-PASS



Date: 7.JUN.2021 15:00:00

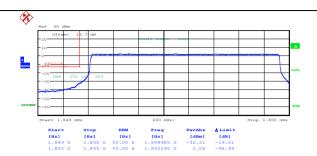
NTNV-N25-15kHz-5MHz-CP-QPSK-Low-Edge_1RB_Left-----see graph-PASS



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Date: 7.JUN.2021 15:02:00

NTNV-N25-15kHz-5MHz-CP-QPSK-Low-Outer_Full-----see graph-PASS



Date: 7.JUN.2021 15:09:12

NTNV-N25-15kHz-5MHz-CP-QPSK-High-Edge_1RB_Right----see graph-PASS



Date: 7.JUN.2021 15:11:12

NTNV-N25-15kHz-5MHz-CP-QPSK-High-Outer_Full-----see graph-PASS



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ate: 7.JUN.2021 15:12:55

NTNV-N25-15kHz-10MHz-DFT-PI2BPSK-Low-Edge_1RB_Left-----see graph-PASS



Date: 7.JUN.2021 15:14:54

NTNV-N25-15kHz-10MHz-DFT-PI2BPSK-Low-Outer_Full----see graph-PASS



Date: 7.JUN.2021 15:22:31

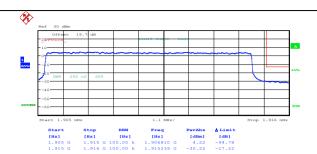
NTNV-N25-15kHz-10MHz-DFT-PI2BPSK-High-Edge_1RB_Right-----see graph-PASS



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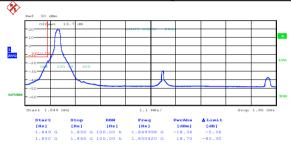
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Date: 7.JUN.2021 15:24:29

NTNV-N25-15kHz-10MHz-DFT-PI2BPSK-High-Outer_Full-----see graph-PASS



Date: 7.JUN.2021 15:16:54

NTNV-N25-15kHz-10MHz-CP-QPSK-Low-Edge_1RB_Left----see graph-PASS



Date: 7.JUN.2021 15:18:53

NTNV-N25-15kHz-10MHz-CP-QPSK-Low-Outer_Full-----see graph-PASS



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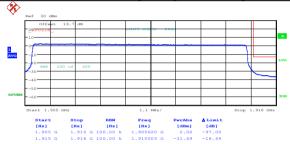
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ate: 7.JUN.2021 15:26:28

NTNV-N25-15kHz-10MHz-CP-QPSK-High-Edge_1RB_Right-----see graph-PASS



Date: 7.JUN.2021 15:28:27

NTNV-N25-15kHz-10MHz-CP-QPSK-High-Outer_Full-----see graph-PASS



Date: 7.JUN.2021 15:30:29

NTNV-N25-15kHz-15MHz-DFT-PI2BPSK-Low-Edge_1RB_Left-----see graph-PASS



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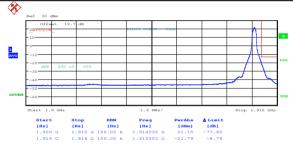
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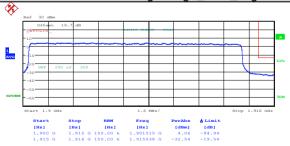
Date: 7.JUN.2021 15:32:28

NTNV-N25-15kHz-15MHz-DFT-PI2BPSK-Low-Outer_Full-----see graph-PASS



Date: 7.JUN.2021 15:40:00

NTNV-N25-15kHz-15MHz-DFT-PI2BPSK-High-Edge_1RB_Right-----see graph-PASS



Date: 7.JUN.2021 15:41:59

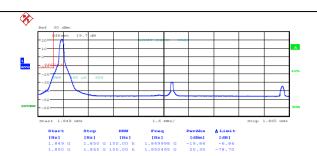
NTNV-N25-15kHz-15MHz-DFT-PI2BPSK-High-Outer_Full-----see graph-PASS



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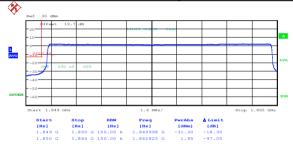
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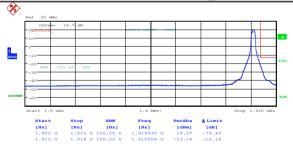
Date: 7.JUN.2021 15:34:27

NTNV-N25-15kHz-15MHz-CP-QPSK-Low-Edge_1RB_Left-----see graph-PASS



Date: 7.JUN.2021 15:36:25

NTNV-N25-15kHz-15MHz-CP-QPSK-Low-Outer_Full-----see graph-PASS



Date: 7.JUN.2021 15:43:59

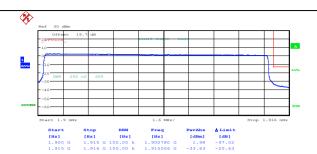
NTNV-N25-15kHz-15MHz-CP-QPSK-High-Edge_1RB_Right-----see graph-PASS



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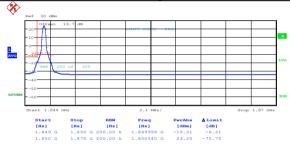
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Date: 7.JUN.2021 15:45:56

NTNV-N25-15kHz-15MHz-CP-QPSK-High-Outer_Full-----see graph-PASS



Date: 7.JUN.2021 15:47:40

NTNV-N25-15kHz-20MHz-DFT-PI2BPSK-Low-Edge_1RB_Left----see graph-PASS



Date: 7.JUN.2021 15:49:39

NTNV-N25-15kHz-20MHz-DFT-PI2BPSK-Low-Outer_Full----see graph-PASS



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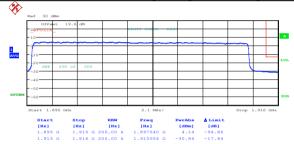
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Date: 7.JUN.2021 15:56:21

NTNV-N25-15kHz-20MHz-DFT-PI2BPSK-High-Edge_1RB_Right-----see graph-PASS



Date: 7.JUN.2021 15:58:18

NTNV-N25-15kHz-20MHz-DFT-PI2BPSK-High-Outer_Full-----see graph-PASS



Date: 7.JUN.2021 15:51:39

NTNV-N25-15kHz-20MHz-CP-QPSK-Low-Edge_1RB_Left-----see graph-PASS

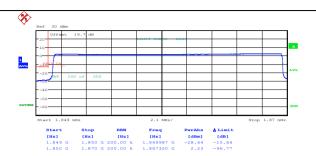


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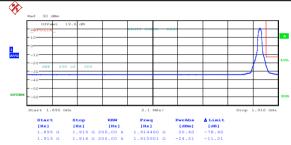


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ate: 7.JUN.2021 15:53:35

NTNV-N25-15kHz-20MHz-CP-QPSK-Low-Outer_Full-----see graph-PASS



Date: 7.JUN.2021 16:00:18

NTNV-N25-15kHz-20MHz-CP-QPSK-High-Edge_1RB_Right-----see graph-PASS



Date: 7.JUN.2021 16:02:16

NTNV-N25-15kHz-20MHz-CP-QPSK-High-Outer_Full----see graph-PASS



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Report No.:ZR/2021/3002206 Page: 50 of 82

REMARK:

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



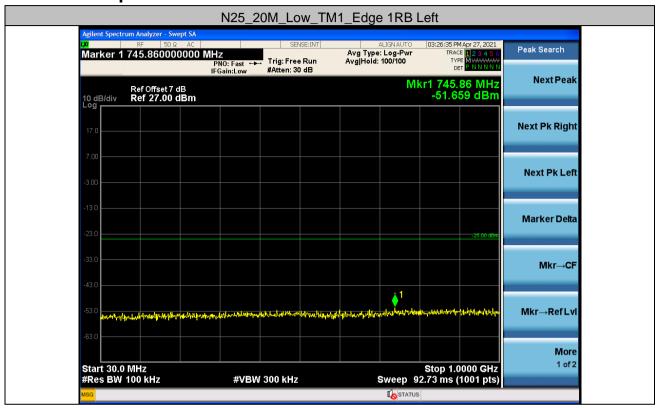
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6. Conducted Spurious Emission for SA

6.1. Test Graphs





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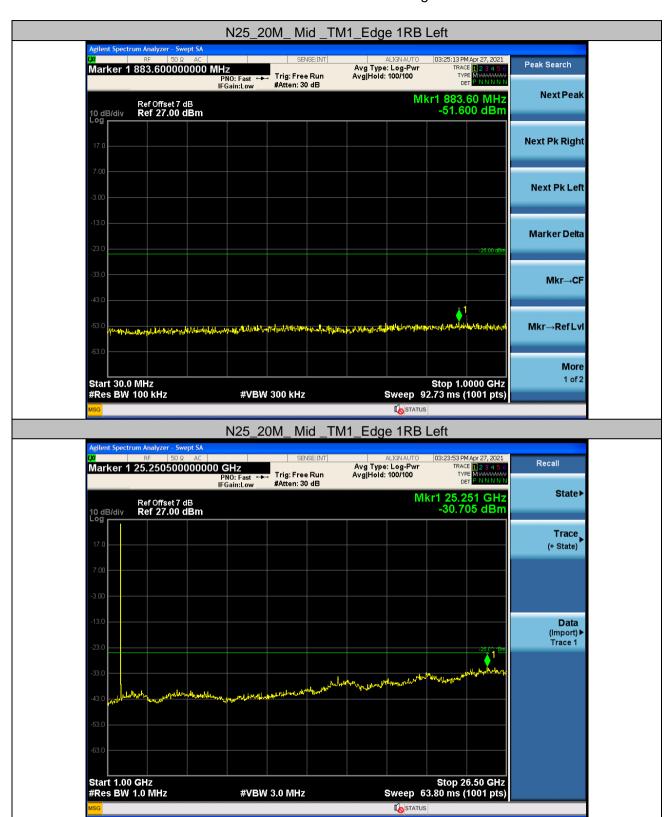


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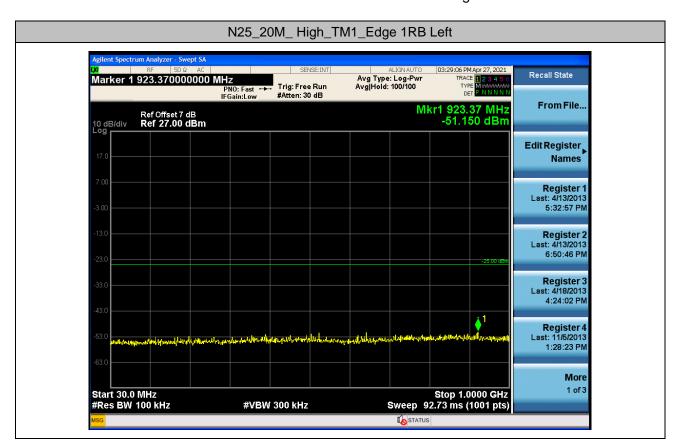
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REMARK:

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



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7. Field Strength of Spurious Radiation

Below 1GHz:

7.1. Test Band = _25 _TM1 ANT0

7.1.1. Test Channel = Low Channel

Susp	Suspected Data List										
NO.	Freq.	Reading	Level	Limit	Margin	Factor	D. L. St				
	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	32.3285	37.15	-62.12	-25.00	37.12	-99.27	Horizontal				
2	43.9708	31.60	-65.44	-25.00	40.44	-97.04	Horizontal				
3	107.0334	24.89	-73.49	-25.00	48.49	-98.38	Horizontal				
4	285.3551	23.51	-71.46	-25.00	46.46	-94.97	Horizontal				
5	433.2126	24.48	-66.66	-25.00	41.66	-91.14	Horizontal				
6	728.5397	19.22	-66.04	-25.00	41.04	-85.26	Horizontal				



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7.2. Test Band = _25 _TM1 ANT0

7.2.1. Test Channel = Low Channel

Suspe	Suspected Data List										
22	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	32.3285	37.48	-61.79	-25.00	36.79	-99.27	Vertical				
2	44.9410	33.05	-63.79	-25.00	38.79	-96.84	Vertical				
3	96.9434	23.54	-75.21	-25.00	50.21	-98.75	Vertical				
4	246.1592	24.30	-71.83	-25.00	46.83	-96.13	Vertical				
5	422.5405	22.16	-68.98	-25.00	43.98	-91.14	Vertical				
6	799.1698	19.91	-64.07	-25.00	39.07	-83.98	Vertical				



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7.3. Test Band = _25 _TM1 ANT0

7.3.1. Test Channel = Mid Channel

Suspe	Suspected Data List										
22	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	32.3285	37.92	-61.35	-25.00	36.35	-99.27	Horizontal				
2	45.1350	32.42	-64.41	-25.00	39.41	-96.83	Horizontal				
3	110.1380	23.11	-75.38	-25.00	50.38	-98.49	Horizontal				
4	246.1592	23.82	-72.31	-25.00	47.31	-96.13	Horizontal				
5	433.2126	26.16	-64.98	-25.00	39.98	-91.14	Horizontal				
6	921.0262	20.48	-61.91	-25.00	36.91	-82.39	Horizontal				



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7.4. Test Band = _25 _TM1 ANT0

7.4.1. Test Channel = Mid Channel

Suspe	Suspected Data List										
22	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	32.3285	36.47	-62.80	-25.00	37.80	-99.27	Vertical				
2	44.7469	31.99	-64.89	-25.00	39.89	-96.88	Vertical				
3	96.9434	23.59	-75.16	-25.00	50.16	-98.75	Vertical				
4	267.3095	23.73	-71.61	-25.00	46.61	-95.34	Vertical				
5	433.2126	25.22	-65.92	-25.00	40.92	-91.14	Vertical				
6	688.3737	19.59	-66.38	-25.00	41.38	-85.97	Vertical				



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7.5. Test Band = _25 _TM1 ANT0

7.5.1. Test Channel = High Channel

Suspe	Suspected Data List										
7.0	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	32.3285	36.81	-62.46	-25.00	37.46	-99.27	Horizontal				
2	43.3887	32.00	-65.16	-25.00	40.16	-97.16	Horizontal				
3	97.1374	23.77	-74.94	-25.00	49.94	-98.71	Horizontal				
4	343.3727	23.29	-69.85	-25.00	44.85	-93.14	Horizontal				
5	433.2126	25.05	-66.09	-25.00	41.09	-91.14	Horizontal				
6	748.3317	19.43	-65.38	-25.00	40.38	-84.81	Horizontal				



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7.6. Test Band = $_25 \text{ }_{-}\text{TM1 ANT0}$

7.6.1. Test Channel = High Channel

Suspe	Suspected Data List										
22	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	31.9404	35.66	-63.61	-25.00	38.61	-99.27	Vertical				
2	45.3291	30.64	-66.18	-25.00	41.18	-96.82	Vertical				
3	100.2420	23.18	-75.01	-25.00	50.01	-98.19	Vertical				
4	260.3241	23.63	-71.70	-25.00	46.70	-95.33	Vertical				
5	433.2126	24.60	-66.54	-25.00	41.54	-91.14	Vertical				
6	784.6169	19.41	-64.87	-25.00	39.87	-84.28	Vertical				



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7.7. Test Band = _25 _TM1 ANT1 7.7.1. Test Channel = Low Channel

Susp	Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity				
1	1053.5027	27.25	-43.66	-13.00	30.66	-70.91	Horizontal				
2	1530.6265	27.09	-42.76	-13.00	29.76	-69.85	Horizontal				
3	2981.8991	29.60	-35.12	-13.00	22.12	-64.72	Horizontal				
4	5551.6276	51.25	-56.64	-13.00	43.64	-107.89	Horizontal				
5	10592.629	46.14	-50.77	-13.00	37.77	-96.91	Horizontal				
6	14456.072	45.77	-47.17	-13.00	34.17	-92.94	Horizontal				



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7.8. Test Band = _25 _TM1 ANT1

7.8.1. Test Channel = Low Channel

Susp	Suspected Data List										
NO	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	1171.3086	25.62	-44.66	-13.00	31.66	-70.28	Vertical				
2	1513.7257	26.83	-43.12	-13.00	30.12	-69.95	Vertical				
3	2996.2998	27.72	-36.85	-13.00	23.85	-64.57	Vertical				
4	5551.6276	50.96	-56.93	-13.00	43.93	-107.89	Vertical				
5	8948.5474	47.10	-52.33	-13.00	39.33	-99.43	Vertical				
6	17996.999	45.57	-48.25	-13.00	35.25	-93.82	Vertical				



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7.9. Test Band = _25 _TM1 ANT1

7.9.1. Test Channel = Mid Channel

Susp	Suspected Data List										
NO	Freq.	Reading	Level	Limit	Margin	Factor	Dalawit.				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	1040.3020	24.75	-46.01	-13.00	33.01	-70.76	Horizontal				
2	1595.1298	25.68	-44.65	-13.00	31.65	-70.33	Horizontal				
3	2999.6000	26.58	-37.88	-13.00	24.88	-64.46	Horizontal				
4	5481.8741	48.10	-59.94	-13.00	46.94	-108.04	Horizontal				
5	9014.5507	45.62	-53.36	-13.00	40.36	-98.98	Horizontal				
6	13359.518	43.30	-49.45	-13.00	36.45	-92.75	Horizontal				



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7.10. Test Band = _25 _TM1 ANT1 7.10.1. Test Channel = Mid Channel

Susp	Suspected Data List										
NO	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	1092.1046	28.41	-42.01	-13.00	29.01	-70.42	Vertical				
2	1529.3265	28.65	-41.19	-13.00	28.19	-69.84	Vertical				
3	2999.7000	30.45	-34.01	-13.00	21.01	-64.46	Vertical				
4	4848.8424	52.50	-57.95	-13.00	44.95	-110.45	Vertical				
5	7910.4955	49.26	-52.85	-13.00	39.85	-102.11	Vertical				
6	17998.499	48.95	-44.90	-13.00	31.90	-93.85	Vertical				



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7.11. Test Band = _25 _TM1 ANT1 7.11.1. Test Channel = High Channel

Suspe	Suspected Data List										
22	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	49.0158	47.34	-49.39	-25.00	24.39	-96.73	Horizontal				
2	73.6587	39.72	-61.48	-25.00	36.48	-101.20	Horizontal				
3	107.0334	26.06	-72.32	-25.00	47.32	-98.38	Horizontal				
4	181.7383	28.86	-70.93	-25.00	45.93	-99.79	Horizontal				
5	366.6573	23.75	-69.04	-25.00	44.04	-92.79	Horizontal				
6	982.5365	20.42	-61.41	-25.00	36.41	-81.83	Horizontal				



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7.12. Test Band = _25 _TM1 ANT1 7.12.1. Test Channel = High Channel

Suspe	Suspected Data List										
22	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	32.3285	36.32	-62.95	-25.00	37.95	-99.27	Vertical				
2	46.4933	32.08	-64.71	-25.00	39.71	-96.79	Vertical				
3	97.3315	24.34	-74.33	-25.00	49.33	-98.67	Vertical				
4	246.1592	24.25	-71.88	-25.00	46.88	-96.13	Vertical				
5	433.2126	24.00	-67.14	-25.00	42.14	-91.14	Vertical				
6	992.6265	20.06	-61.66	-25.00	36.66	-81.72	Vertical				



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Above 1GHz:

7.13. Test Band = _25 _TM1 ANT0

7.13.1. Test Channel = Low Channel

Susp	Suspected Data List										
NO.	Freq.	Reading	Level	Limit	Margin	Factor	Dolority				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	1330.8165	21.89	-48.43	-13.00	35.43	-70.32	Horizontal				
2	2421.1711	22.34	-44.64	-13.00	31.64	-66.98	Horizontal				
3	5551.6276	54.34	-53.55	-13.00	40.55	-107.89	Horizontal				
4	10698.384	48.31	-48.97	-13.00	35.97	-97.28	Horizontal				
5	14038.301	46.83	-45.30	-13.00	32.30	-92.13	Horizontal				
6	17988.749	49.74	-43.90	-13.00	30.90	-93.64	Horizontal				



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7.14. Test Band = _25 _TM1 ANT0 7.14.1. Test Channel = Low Channel

Susp	Suspected Data List										
NO	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	1322.3161	22.29	-48.22	-13.00	35.22	-70.51	Vertical				
2	2506.7753	22.96	-43.63	-13.00	30.63	-66.59	Vertical				
3	5500.6250	50.82	-57.19	-13.00	44.19	-108.01	Vertical				
4	9861.3431	48.16	-50.12	-13.00	37.12	-98.28	Vertical				
5	15011.1006	45.81	-45.80	-13.00	32.80	-91.61	Vertical				
6	17987.999	49.63	-44.00	-13.00	31.00	-93.63	Vertical				



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7.15. Test Band = _25 _TM1 ANT0 7.15.1. Test Channel = Mid Channel

Susp	Suspected Data List									
NO	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu			
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity			
1	1152.5076	22.00	-48.25	-13.00	35.25	-70.25	Horizontal			
2	1505.0253	21.81	-48.16	-13.00	35.16	-69.97	Horizontal			
3	2621.9811	22.11	-44.12	-13.00	31.12	-66.23	Horizontal			
4	5619.1310	51.66	-56.08	-13.00	43.08	-107.74	Horizontal			
5	9039.3020	48.47	-50.61	-13.00	37.61	-99.08	Horizontal			
6	14055.552	46.56	-45.45	-13.00	32.45	-92.01	Horizontal			



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7.16. Test Band = _25 _TM1 ANT0 7.16.1. Test Channel = Mid Channel

Susp	Suspected Data List									
NO.	Freq.	Reading	Level	Limit	Margin	Factor	Polarity			
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Folality			
1	1276.8138	22.17	-48.28	-13.00	35.28	-70.45	Vertical			
2	1586.7293	22.28	-48.17	-13.00	35.17	-70.45	Vertical			
3	2421.8711	22.04	-44.94	-13.00	31.94	-66.98	Vertical			
4	4420.5710	52.06	-60.11	-13.00	47.11	-112.17	Vertical			
5	7832.4916	49.57	-52.28	-13.00	39.28	-101.85	Vertical			
6	16421.1711	48.85	-45.28	-13.00	32.28	-94.13	Vertical			



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7.17. Test Band = _25 _TM1 ANT0 7.17.1. Test Channel = High Channel

Susp	Suspected Data List										
NO	Freq.	Reading	Level	Limit	Margin	Factor	Dolovitu				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	1242.6121	22.37	-48.11	-13.00	35.11	-70.48	Horizontal				
2	1535.0268	21.81	-48.27	-13.00	35.27	-70.08	Horizontal				
3	2565.9783	23.22	-43.56	-13.00	30.56	-66.78	Horizontal				
4	5871.8936	50.77	-56.61	-13.00	43.61	-107.38	Horizontal				
5	11156.6578	47.30	-48.25	-13.00	35.25	-95.55	Horizontal				
6	17909.995	48.85	-44.11	-13.00	31.11	-92.96	Horizontal				



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7.18. Test Band = _25 _TM1 ANT0 7.18.1. Test Channel = High Channel

Susp	Suspected Data List										
NO	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	1258.1129	22.10	-48.30	-13.00	35.30	-70.40	Vertical				
2	1504.7252	21.79	-48.19	-13.00	35.19	-69.98	Vertical				
3	2839.9920	22.37	-43.30	-13.00	30.30	-65.67	Vertical				
4	5488.6244	50.87	-57.16	-13.00	44.16	-108.03	Vertical				
5	7482.9741	49.96	-52.21	-13.00	39.21	-102.17	Vertical				
6	14543.827	46.13	-45.69	-13.00	32.69	-91.82	Vertical				



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7.19. Test Band = _25 _TM1 ANT1 7.19.1. Test Channel = Low Channel

Susp	Suspected Data List										
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity				
1	1053.5027	27.25	-43.66	-13.00	30.66	-70.91	Horizontal				
2	1530.6265	27.09	-42.76	-13.00	29.76	-69.85	Horizontal				
3	2981.8991	29.60	-35.12	-13.00	22.12	-64.72	Horizontal				
4	5551.6276	51.25	-56.64	-13.00	43.64	-107.89	Horizontal				
5	10592.629	46.14	-50.77	-13.00	37.77	-96.91	Horizontal				
6	14456.072	45.77	-47.17	-13.00	34.17	-92.94	Horizontal				



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7.20. Test Band = _25 _TM1 ANT1 7.20.1. Test Channel = Low Channel

Susp	Suspected Data List										
NO	Freq.	Reading	Level	Limit	Margin	Factor	Dolority				
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity				
1	1171.3086	25.62	-44.66	-13.00	31.66	-70.28	Vertical				
2	1513.7257	26.83	-43.12	-13.00	30.12	-69.95	Vertical				
3	2996.2998	27.72	-36.85	-13.00	23.85	-64.57	Vertical				
4	5551.6276	50.96	-56.93	-13.00	43.93	-107.89	Vertical				
5	8948.5474	47.10	-52.33	-13.00	39.33	-99.43	Vertical				
6	17996.999	45.57	-48.25	-13.00	35.25	-93.82	Vertical				



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7.21. Test Band = _25 _TM1 ANT1 7.21.1. Test Channel = Mid Channel

Susp	Suspected Data List									
	Freq.	Reading	Level	Limit	Margin	Factor	Dalasits.			
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity			
1	1040.3020	24.75	-46.01	-13.00	33.01	-70.76	Horizontal			
2	1595.1298	25.68	-44.65	-13.00	31.65	-70.33	Horizontal			
3	2999.6000	26.58	-37.88	-13.00	24.88	-64.46	Horizontal			
4	5481.8741	48.10	-59.94	-13.00	46.94	-108.04	Horizontal			
5	9014.5507	45.62	-53.36	-13.00	40.36	-98.98	Horizontal			
6	13359.518	43.30	-49.45	-13.00	36.45	-92.75	Horizontal			



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7.22. Test Band = _25 _TM1 ANT1 7.22.1. Test Channel = Mid Channel

Susp	Suspected Data List									
NO	Freq.	Reading	Level	Limit	Margin	Factor	Dalavitu			
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity			
1	1092.1046	28.41	-42.01	-13.00	29.01	-70.42	Vertical			
2	1529.3265	28.65	-41.19	-13.00	28.19	-69.84	Vertical			
3	2999.7000	30.45	-34.01	-13.00	21.01	-64.46	Vertical			
4	4848.8424	52.50	-57.95	-13.00	44.95	-110.45	Vertical			
5	7910.4955	49.26	-52.85	-13.00	39.85	-102.11	Vertical			
6	17998.499	48.95	-44.90	-13.00	31.90	-93.85	Vertical			



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7.23. Test Band = _25 _TM1 ANT1 7.23.1. Test Channel = High Channel

Susp	Suspected Data List									
NO	Freq.	Reading	Level	Limit	Margin	Factor	D. L. St			
NO.	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	Polarity			
1	1080.5040	25.44	-44.67	-13.00	31.67	-70.11	Horizontal			
2	1503.2252	26.26	-43.77	-13.00	30.77	-70.03	Horizontal			
3	2985.9993	28.12	-36.63	-13.00	23.63	-64.75	Horizontal			
4	5676.8838	49.33	-57.75	-13.00	44.75	-107.08	Horizontal			
5	12177.458	44.01	-50.29	-13.00	37.29	-94.30	Horizontal			
6	17908.495	46.36	-46.61	-13.00	33.61	-92.97	Horizontal			



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7.24. Test Band = _25 _TM1 ANT1 7.24.1. Test Channel = High Channel

Susp	Suspected Data List										
NO.	Freq.	Reading	Level	Limit	Margin	Factor	Polarity				
	[MHz]	[dBm]	[dBm]	[dBm]	[dB]	[dB]					
1	1073.3037	28.66	-41.93	-13.00	28.93	-70.59	Vertical				
2	1664.1332	28.48	-41.77	-13.00	28.77	-70.25	Vertical				
3	2958.9980	30.89	-33.85	-13.00	20.85	-64.74	Vertical				
4	5047.6024	51.01	-58.95	-13.00	45.95	-109.96	Vertical				
5	8376.2688	48.16	-52.97	-13.00	39.97	-101.13	Vertical				
6	12961.248	46.21	-46.75	-13.00	33.75	-92.96	Vertical				

REMARK:

1) All antenna and all modulation (SA+NSA)0had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability for SA

8.1. Test Result

NR Ban d	SCS	Bandwidt h	Modulation	Channe I	RB Config	Voltage [Vdc]	Temper ature(°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N25	15KHz	20MHz	TM1	372000	Outer Full	VL	NT	11.18	0.00601	±2.5	PASS
N25	15KHz	20MHz	TM1	372000	Outer Full	VN	NT	3.27	0.00176	±2.5	PASS
N25	15KHz	20MHz	TM1	372000	Outer Full	VH	NT	13.99	0.00752	±2.5	PASS
N25	15KHz	20MHz	TM1	376500	Outer Full	VL	NT	-6.86	-0.00364	±2.5	PASS
N25	15KHz	20MHz	TM1	376500	Outer Full	VN	NT	-11.54	-0.00613	±2.5	PASS
N25	15KHz	20MHz	TM1	376500	Outer Full	VH	NT	-0.82	-0.00044	±2.5	PASS
N25	15KHz	20MHz	TM1	381000	Outer Full	VL	NT	6.80	0.00361	±2.5	PASS
N25	15KHz	20MHz	TM1	381000	Outer Full	VN	NT	4.06	0.00216	±2.5	PASS
N25	15KHz	20MHz	TM1	381000	Outer Full	VH	NT	-1.29	-0.00069	±2.5	PASS
N25	15KHz	20MHz	TM5	372000	Outer Full	VL	NT	8.45	0.00454	±2.5	PASS
N25	15KHz	20MHz	TM5	372000	Outer Full	VN	NT	12.68	0.00682	±2.5	PASS
N25	15KHz	20MHz	TM5	372000	Outer Full	VH	NT	-3.79	-0.00204	±2.5	PASS
N25	15KHz	20MHz	TM5	376500	Outer Full	VL	NT	-12.74	-0.00677	±2.5	PASS
N25	15KHz	20MHz	TM5	376500	Outer Full	VN	NT	-10.87	-0.00577	±2.5	PASS
N25	15KHz	20MHz	TM5	376500	Outer Full	VH	NT	-4.50	-0.00239	±2.5	PASS
N25	15KHz	20MHz	TM5	381000	Outer Full	VL	NT	-0.07	-0.00004	±2.5	PASS
N25	15KHz	20MHz	TM5	381000	Outer Full	VN	NT	-12.29	-0.00653	±2.5	PASS
N25	15KHz	20MHz	TM5	381000	Outer Full	VH	NT	-3.08	-0.00164	±2.5	PASS



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NR Ban d	SCS	Bandwidt h	Modulation	Channe I	RB Config	Voltage [Vdc]	Temper ature(°C)	Deviatio n (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N25	15KHz	20MHz	TM1	372000	Outer Full	VN	-30	-7.98	-0.00429	±2.5	PASS
N25	15KHz	20MHz	TM1	372000	Outer Full	VN	-20	3.27	0.00176	±2.5	PASS
N25	15KHz	20MHz	TM1	372000	Outer Full	VN	-10	0.27	0.00015	±2.5	PASS
N25	15KHz	20MHz	TM1	372000	Outer Full	VN	0	4.98	0.00268	±2.5	PASS
N25	15KHz	20MHz	TM1	372000	Outer Full	VN	10	8.21	0.00441	±2.5	PASS
N25	15KHz	20MHz	TM1	372000	Outer Full	VN	20	12.41	0.00667	±2.5	PASS
N25	15KHz	20MHz	TM1	372000	Outer Full	VN	30	-11.39	-0.00612	±2.5	PASS
N25	15KHz	20MHz	TM1	372000	Outer Full	VN	40	11.86	0.00638	±2.5	PASS
N25	15KHz	20MHz	TM1	372000	Outer Full	VN	50	5.39	0.00290	±2.5	PASS
N25	15KHz	20MHz	TM1	376500	Outer Full	VN	-30	9.39	0.00499	±2.5	PASS
N25	15KHz	20MHz	TM1	376500	Outer Full	VN	-20	3.40	0.00181	±2.5	PASS
N25	15KHz	20MHz	TM1	376500	Outer Full	VN	-10	3.83	0.00203	±2.5	PASS
N25	15KHz	20MHz	TM1	376500	Outer Full	VN	0	7.50	0.00398	±2.5	PASS
N25	15KHz	20MHz	TM1	376500	Outer Full	VN	10	14.52	0.00771	±2.5	PASS
N25	15KHz	20MHz	TM1	376500	Outer Full	VN	20	-4.57	-0.00243	±2.5	PASS
N25	15KHz	20MHz	TM1	376500	Outer Full	VN	30	-6.47	-0.00344	±2.5	PASS
N25	15KHz	20MHz	TM1	376500	Outer Full	VN	40	-11.79	-0.00626	±2.5	PASS
N25	15KHz	20MHz	TM1	376500	Outer Full	VN	50	-9.70	-0.00515	±2.5	PASS
N25	15KHz	20MHz	TM1	381000	Outer Full	VN	-30	0.57	0.00030	±2.5	PASS
N25	15KHz	20MHz	TM1	381000	Outer Full	VN	-20	-12.73	-0.00668	±2.5	PASS
N25	15KHz	20MHz	TM1	381000	Outer Full	VN	-10	4.32	0.00227	±2.5	PASS
N25	15KHz	20MHz	TM1	381000	Outer Full	VN	0	-12.62	-0.00662	±2.5	PASS
N25	15KHz	20MHz	TM1	381000	Outer Full	VN	10	9.58	0.00503	±2.5	PASS
N25	15KHz	20MHz	TM1	381000	Outer Full	VN	20	1.64	0.00086	±2.5	PASS
N25	15KHz	20MHz	TM1	381000	Outer Full	VN	30	8.06	0.00423	±2.5	PASS
N25	15KHz	20MHz	TM1	381000	Outer Full	VN	40	-6.04	-0.00317	±2.5	PASS
N25	15KHz	20MHz	TM1	381000	Outer Full	VN	50	-10.05	-0.00528	±2.5	PASS
N25	15KHz	20MHz	TM5	372000	Outer Full	VN	-30	11.33	0.00609	±2.5	PASS
N25	15KHz	20MHz	TM5	372000	Outer Full	VN	-20	10.37	0.00558	±2.5	PASS
N25	15KHz	20MHz	TM5	372000	Outer Full	VN	-10	4.03	0.00217	±2.5	PASS
N25	15KHz	20MHz	TM5	372000	Outer Full	VN	0	-5.59	-0.00301	±2.5	PASS
N25	15KHz	20MHz	TM5	372000	Outer Full	VN	10	4.97	0.00267	±2.5	PASS



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N25	15KHz	20MHz	TM5	372000	Outer Full	VN	20	-9.77	-0.00525	±2.5	PASS
N25	15KHz	20MHz	TM5	372000	Outer Full	VN	30	-3.86	-0.00208	±2.5	PASS
N25	15KHz	20MHz	TM5	372000	Outer Full	VN	40	13.75	0.00739	±2.5	PASS
N25	15KHz	20MHz	TM5	372000	Outer Full	VN	50	1.44	0.00077	±2.5	PASS
N25	15KHz	20MHz	TM5	376500	Outer Full	VN	-30	1.69	0.00090	±2.5	PASS
N25	15KHz	20MHz	TM5	376500	Outer Full	VN	-20	11.63	0.00618	±2.5	PASS
N25	15KHz	20MHz	TM5	376500	Outer Full	VN	-10	-12.16	-0.00646	±2.5	PASS
N25	15KHz	20MHz	TM5	376500	Outer Full	VN	0	6.27	0.00333	±2.5	PASS
N25	15KHz	20MHz	TM5	376500	Outer Full	VN	10	11.04	0.00586	±2.5	PASS
N25	15KHz	20MHz	TM5	376500	Outer Full	VN	20	5.48	0.00291	±2.5	PASS
N25	15KHz	20MHz	TM5	376500	Outer Full	VN	30	-4.32	-0.00229	±2.5	PASS
N25	15KHz	20MHz	TM5	376500	Outer Full	VN	40	-12.00	-0.00637	±2.5	PASS
N25	15KHz	20MHz	TM5	376500	Outer Full	VN	50	14.15	0.00752	±2.5	PASS
N25	15KHz	20MHz	TM5	381000	Outer Full	VN	-30	-7.65	-0.00402	±2.5	PASS
N25	15KHz	20MHz	TM5	381000	Outer Full	VN	-20	-11.60	-0.00609	±2.5	PASS
N25	15KHz	20MHz	TM5	381000	Outer Full	VN	-10	-7.10	-0.00373	±2.5	PASS
N25	15KHz	20MHz	TM5	381000	Outer Full	VN	0	-3.59	-0.00188	±2.5	PASS
N25	15KHz	20MHz	TM5	381000	Outer Full	VN	10	-2.73	-0.00143	±2.5	PASS
N25	15KHz	20MHz	TM5	381000	Outer Full	VN	20	14.77	0.00775	±2.5	PASS
N25	15KHz	20MHz	TM5	381000	Outer Full	VN	30	-3.46	-0.00182	±2.5	PASS
N25	15KHz	20MHz	TM5	381000	Outer Full	VN	40	5.50	0.00289	±2.5	PASS
N25	15KHz	20MHz	TM5	381000	Outer Full	VN	50	7.66	0.00402	±2.5	PASS

REMARK:

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



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