

# Appendix B

## NR band N7



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# 1 Effective (Isotropic) Radiated Power Output Data

NR Band	Bandwidth	SCS	Modulation	Channel	RB Config	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N7	5MHz	15KHz	TM1	500500	Inner Full	23.11	21.69	33	PASS
N7	5MHz	15KHz	TM1	500500	Inner 1RB Left	22.75	21.33	33	PASS
N7	5MHz	15KHz	TM1	500500	Inner 1RB Right	23.36	21.94	33	PASS
N7	5MHz	15KHz	TM1	507000	Inner Full	23.73	22.31	33	PASS
N7	5MHz	15KHz	TM1	507000	Inner 1RB Left	23.74	22.32	33	PASS
N7	5MHz	15KHz	TM1	507000	Inner 1RB Right	23.80	22.38	33	PASS
N7	5MHz	15KHz	TM1	513500	Inner Full	23.76	22.34	33	PASS
N7	5MHz	15KHz	TM1	513500	Inner 1RB Left	23.74	22.32	33	PASS
N7	5MHz	15KHz	TM1	513500	Inner 1RB Right	23.72	22.30	33	PASS
N7	5MHz	15KHz	TM2	500500	Inner Full	23.03	21.61	33	PASS
N7	5MHz	15KHz	TM2	500500	Inner 1RB Left	22.75	21.33	33	PASS
N7	5MHz	15KHz	TM2	500500	Inner 1RB Right	23.35	21.93	33	PASS
N7	5MHz	15KHz	TM2	507000	Inner Full	23.83	22.41	33	PASS
N7	5MHz	15KHz	TM2	507000	Inner 1RB Left	23.65	22.23	33	PASS
N7	5MHz	15KHz	TM2	507000	Inner 1RB Right	23.84	22.42	33	PASS
N7	5MHz	15KHz	TM2	513500	Inner Full	23.67	22.25	33	PASS
N7	5MHz	15KHz	TM2	513500	Inner 1RB Left	23.64	22.22	33	PASS
N7	5MHz	15KHz	TM2	513500	Inner 1RB Right	23.75	22.33	33	PASS
N7	5MHz	15KHz	TM3	500500	Inner Full	22.08	20.66	33	PASS
N7	5MHz	15KHz	TM3	500500	Inner 1RB Left	21.87	20.45	33	PASS
N7	5MHz	15KHz	TM3	500500	Inner 1RB Right	22.40	20.98	33	PASS
N7	5MHz	15KHz	TM3	507000	Inner Full	22.79	21.37	33	PASS
N7	5MHz	15KHz	TM3	507000	Inner 1RB Left	22.64	21.22	33	PASS
N7	5MHz	15KHz	TM3	507000	Inner 1RB Right	22.82	21.40	33	PASS
N7	5MHz	15KHz	TM3	513500	Inner Full	22.73	21.31	33	PASS
N7	5MHz	15KHz	TM3	513500	Inner 1RB Left	22.64	21.22	33	PASS
N7	5MHz	15KHz	TM3	513500	Inner 1RB Right	22.81	21.39	33	PASS
N7	5MHz	15KHz	TM4	500500	Inner Full	20.65	19.23	33	PASS
N7	5MHz	15KHz	TM4	500500	Inner 1RB Left	20.12	18.70	33	PASS
N7	5MHz	15KHz	TM4	500500	Inner 1RB Right	20.85	19.43	33	PASS
N7	5MHz	15KHz	TM4	507000	Inner Full	21.25	19.83	33	PASS
N7	5MHz	15KHz	TM4	507000	Inner 1RB Left	21.43	20.01	33	PASS
N7	5MHz	15KHz	TM4	507000	Inner 1RB Right	21.41	19.99	33	PASS
N7	5MHz	15KHz	TM4	513500	Inner Full	21.23	19.81	33	PASS
N7	5MHz	15KHz	TM4	513500	Inner 1RB Left	21.22	19.80	33	PASS
N7	5MHz	15KHz	TM4	513500	Inner 1RB Right	21.27	19.85	33	PASS
N7	5MHz	15KHz	TM5	500500	Inner Full	19.10	17.68	33	PASS
N7	5MHz	15KHz	TM5	500500	Inner 1RB Left	18.80	17.38	33	PASS
N7	5MHz	15KHz	TM5	500500	Inner 1RB Right	19.35	17.93	33	PASS
N7	5MHz	15KHz	TM5	507000	Inner Full	19.28	17.86	33	PASS
N7	5MHz	15KHz	TM5	507000	Inner 1RB Left	19.19	17.77	33	PASS



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N7	5MHz	15KHz	TM5	507000	Inner 1RB Right	19.48	18.06	33	PASS
N7	5MHz	15KHz	TM5	513500	Inner Full	19.24	17.82	33	PASS
N7	5MHz	15KHz	TM5	513500	Inner 1RB Left	19.05	17.63	33	PASS
N7	5MHz	15KHz	TM5	513500	Inner 1RB Right	19.31	17.89	33	PASS
N7	5MHz	15KHz	TM6	500500	Inner Full	21.28	19.86	33	PASS
N7	5MHz	15KHz	TM6	500500	Inner 1RB Left	21.11	19.69	33	PASS
N7	5MHz	15KHz	TM6	500500	Inner 1RB Right	21.71	20.29	33	PASS
N7	5MHz	15KHz	TM6	507000	Inner Full	22.31	20.89	33	PASS
N7	5MHz	15KHz	TM6	507000	Inner 1RB Left	22.30	20.88	33	PASS
N7	5MHz	15KHz	TM6	507000	Inner 1RB Right	22.48	21.06	33	PASS
N7	5MHz	15KHz	TM6	513500	Inner Full	22.24	20.82	33	PASS
N7	5MHz	15KHz	TM6	513500	Inner 1RB Left	22.31	20.89	33	PASS
N7	5MHz	15KHz	TM6	513500	Inner 1RB Right	22.28	20.86	33	PASS
N7	5MHz	15KHz	TM7	500500	Inner Full	20.88	19.46	33	PASS
N7	5MHz	15KHz	TM7	500500	Inner 1RB Left	20.66	19.24	33	PASS
N7	5MHz	15KHz	TM7	500500	Inner 1RB Right	21.32	19.90	33	PASS
N7	5MHz	15KHz	TM7	507000	Inner Full	21.78	20.36	33	PASS
N7	5MHz	15KHz	TM7	507000	Inner 1RB Left	21.73	20.31	33	PASS
N7	5MHz	15KHz	TM7	507000	Inner 1RB Right	21.89	20.47	33	PASS
N7	5MHz	15KHz	TM7	513500	Inner Full	21.00	19.58	33	PASS
N7	5MHz	15KHz	TM7	513500	Inner 1RB Left	21.82	20.40	33	PASS
N7	5MHz	15KHz	TM7	513500	Inner 1RB Right	21.76	20.34	33	PASS
N7	5MHz	15KHz	TM8	500500	Inner Full	19.58	18.16	33	PASS
N7	5MHz	15KHz	TM8	500500	Inner 1RB Left	19.27	17.85	33	PASS
N7	5MHz	15KHz	TM8	500500	Inner 1RB Right	19.95	18.53	33	PASS
N7	5MHz	15KHz	TM8	507000	Inner Full	20.31	18.89	33	PASS
N7	5MHz	15KHz	TM8	507000	Inner 1RB Left	20.40	18.98	33	PASS
N7	5MHz	15KHz	TM8	507000	Inner 1RB Right	20.43	19.01	33	PASS
N7	5MHz	15KHz	TM8	513500	Inner Full	20.32	18.90	33	PASS
N7	5MHz	15KHz	TM8	513500	Inner 1RB Left	20.37	18.95	33	PASS
N7	5MHz	15KHz	TM8	513500	Inner 1RB Right	20.33	18.91	33	PASS
N7	5MHz	15KHz	TM9	500500	Inner Full	17.09	15.67	33	PASS
N7	5MHz	15KHz	TM9	500500	Inner 1RB Left	16.68	15.26	33	PASS
N7	5MHz	15KHz	TM9	500500	Inner 1RB Right	17.65	16.23	33	PASS
N7	5MHz	15KHz	TM9	507000	Inner Full	17.37	15.95	33	PASS
N7	5MHz	15KHz	TM9	507000	Inner 1RB Left	17.24	15.82	33	PASS
N7	5MHz	15KHz	TM9	507000	Inner 1RB Right	17.55	16.13	33	PASS
N7	5MHz	15KHz	TM9	513500	Inner Full	17.31	15.89	33	PASS
N7	5MHz	15KHz	TM9	513500	Inner 1RB Left	17.20	15.78	33	PASS
N7	5MHz	15KHz	TM9	513500	Inner 1RB Right	17.45	16.03	33	PASS
N7	10MHz	15KHz	TM1	501000	Inner Full	23.42	22.00	33	PASS
N7	10MHz	15KHz	TM1	501000	Inner 1RB Left	20.02	18.60	33	PASS
N7	10MHz	15KHz	TM1	501000	Inner 1RB Right	23.49	22.07	33	PASS
N7	10MHz	15KHz	TM1	507000	Inner Full	23.94	22.52	33	PASS
N7	10MHz	15KHz	TM1	507000	Inner 1RB Left	23.81	22.39	33	PASS
N7	10MHz	15KHz	TM1	507000	Inner 1RB Right	24.02	22.60	33	PASS
N7	10MHz	15KHz	TM1	513000	Inner Full	23.50	22.08	33	PASS
N7	10MHz	15KHz	TM1	513000	Inner 1RB Left	23.36	21.94	33	PASS



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N7	10MHz	15KHz	TM1	513000	Inner 1RB Right	23.57	22.15	33	PASS
N7	10MHz	15KHz	TM2	501000	Inner Full	23.35	21.93	33	PASS
N7	10MHz	15KHz	TM2	501000	Inner 1RB Left	22.80	21.38	33	PASS
N7	10MHz	15KHz	TM2	501000	Inner 1RB Right	23.48	22.06	33	PASS
N7	10MHz	15KHz	TM2	507000	Inner Full	23.83	22.41	33	PASS
N7	10MHz	15KHz	TM2	507000	Inner 1RB Left	23.73	22.31	33	PASS
N7	10MHz	15KHz	TM2	507000	Inner 1RB Right	23.91	22.49	33	PASS
N7	10MHz	15KHz	TM2	513000	Inner Full	23.68	22.26	33	PASS
N7	10MHz	15KHz	TM2	513000	Inner 1RB Left	23.45	22.03	33	PASS
N7	10MHz	15KHz	TM2	513000	Inner 1RB Right	23.63	22.21	33	PASS
N7	10MHz	15KHz	TM3	501000	Inner Full	22.37	20.95	33	PASS
N7	10MHz	15KHz	TM3	501000	Inner 1RB Left	21.77	20.35	33	PASS
N7	10MHz	15KHz	TM3	501000	Inner 1RB Right	22.45	21.03	33	PASS
N7	10MHz	15KHz	TM3	507000	Inner Full	22.83	21.41	33	PASS
N7	10MHz	15KHz	TM3	507000	Inner 1RB Left	22.87	21.45	33	PASS
N7	10MHz	15KHz	TM3	507000	Inner 1RB Right	22.93	21.51	33	PASS
N7	10MHz	15KHz	TM3	513000	Inner Full	22.65	21.23	33	PASS
N7	10MHz	15KHz	TM3	513000	Inner 1RB Left	22.43	21.01	33	PASS
N7	10MHz	15KHz	TM3	513000	Inner 1RB Right	22.67	21.25	33	PASS
N7	10MHz	15KHz	TM4	501000	Inner Full	20.82	19.40	33	PASS
N7	10MHz	15KHz	TM4	501000	Inner 1RB Left	20.77	19.35	33	PASS
N7	10MHz	15KHz	TM4	501000	Inner 1RB Right	21.52	20.10	33	PASS
N7	10MHz	15KHz	TM4	507000	Inner Full	21.33	19.91	33	PASS
N7	10MHz	15KHz	TM4	507000	Inner 1RB Left	21.34	19.92	33	PASS
N7	10MHz	15KHz	TM4	507000	Inner 1RB Right	21.39	19.97	33	PASS
N7	10MHz	15KHz	TM4	513000	Inner Full	21.16	19.74	33	PASS
N7	10MHz	15KHz	TM4	513000	Inner 1RB Left	20.91	19.49	33	PASS
N7	10MHz	15KHz	TM4	513000	Inner 1RB Right	21.26	19.84	33	PASS
N7	10MHz	15KHz	TM5	501000	Inner Full	19.33	17.91	33	PASS
N7	10MHz	15KHz	TM5	501000	Inner 1RB Left	19.29	17.87	33	PASS
N7	10MHz	15KHz	TM5	501000	Inner 1RB Right	19.41	17.99	33	PASS
N7	10MHz	15KHz	TM5	507000	Inner Full	19.31	17.89	33	PASS
N7	10MHz	15KHz	TM5	507000	Inner 1RB Left	19.13	17.71	33	PASS
N7	10MHz	15KHz	TM5	507000	Inner 1RB Right	19.42	18.00	33	PASS
N7	10MHz	15KHz	TM5	513000	Inner Full	19.21	17.79	33	PASS
N7	10MHz	15KHz	TM5	513000	Inner 1RB Left	18.98	17.56	33	PASS
N7	10MHz	15KHz	TM5	513000	Inner 1RB Right	19.31	17.89	33	PASS
N7	10MHz	15KHz	TM6	501000	Inner Full	21.71	20.29	33	PASS
N7	10MHz	15KHz	TM6	501000	Inner 1RB Left	21.19	19.77	33	PASS
N7	10MHz	15KHz	TM6	501000	Inner 1RB Right	21.92	20.50	33	PASS
N7	10MHz	15KHz	TM6	507000	Inner Full	22.39	20.97	33	PASS
N7	10MHz	15KHz	TM6	507000	Inner 1RB Left	22.28	20.86	33	PASS
N7	10MHz	15KHz	TM6	507000	Inner 1RB Right	22.60	21.18	33	PASS
N7	10MHz	15KHz	TM6	513000	Inner Full	22.18	20.76	33	PASS
N7	10MHz	15KHz	TM6	513000	Inner 1RB Left	21.90	20.48	33	PASS
N7	10MHz	15KHz	TM6	513000	Inner 1RB Right	22.32	20.90	33	PASS
N7	10MHz	15KHz	TM7	501000	Inner Full	21.26	19.84	33	PASS
N7	10MHz	15KHz	TM7	501000	Inner 1RB Left	20.75	19.33	33	PASS



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N7	10MHz	15KHz	TM7	501000	Inner 1RB Right	21.50	20.08	33	PASS
N7	10MHz	15KHz	TM7	507000	Inner Full	21.85	20.43	33	PASS
N7	10MHz	15KHz	TM7	507000	Inner 1RB Left	21.83	20.41	33	PASS
N7	10MHz	15KHz	TM7	507000	Inner 1RB Right	22.06	20.64	33	PASS
N7	10MHz	15KHz	TM7	513000	Inner Full	21.64	20.22	33	PASS
N7	10MHz	15KHz	TM7	513000	Inner 1RB Left	21.44	20.02	33	PASS
N7	10MHz	15KHz	TM7	513000	Inner 1RB Right	21.84	20.42	33	PASS
N7	10MHz	15KHz	TM8	501000	Inner Full	19.85	18.43	33	PASS
N7	10MHz	15KHz	TM8	501000	Inner 1RB Left	19.83	18.41	33	PASS
N7	10MHz	15KHz	TM8	501000	Inner 1RB Right	20.51	19.09	33	PASS
N7	10MHz	15KHz	TM8	507000	Inner Full	20.38	18.96	33	PASS
N7	10MHz	15KHz	TM8	507000	Inner 1RB Left	20.23	18.81	33	PASS
N7	10MHz	15KHz	TM8	507000	Inner 1RB Right	20.54	19.12	33	PASS
N7	10MHz	15KHz	TM8	513000	Inner Full	20.12	18.70	33	PASS
N7	10MHz	15KHz	TM8	513000	Inner 1RB Left	19.99	18.57	33	PASS
N7	10MHz	15KHz	TM8	513000	Inner 1RB Right	20.53	19.11	33	PASS
N7	10MHz	15KHz	TM9	501000	Inner Full	17.31	15.89	33	PASS
N7	10MHz	15KHz	TM9	501000	Inner 1RB Left	17.43	16.01	33	PASS
N7	10MHz	15KHz	TM9	501000	Inner 1RB Right	17.67	16.25	33	PASS
N7	10MHz	15KHz	TM9	507000	Inner Full	17.38	15.96	33	PASS
N7	10MHz	15KHz	TM9	507000	Inner 1RB Left	17.25	15.83	33	PASS
N7	10MHz	15KHz	TM9	507000	Inner 1RB Right	17.54	16.12	33	PASS
N7	10MHz	15KHz	TM9	513000	Inner Full	17.14	15.72	33	PASS
N7	10MHz	15KHz	TM9	513000	Inner 1RB Left	17.15	15.73	33	PASS
N7	10MHz	15KHz	TM9	513000	Inner 1RB Right	17.52	16.10	33	PASS
N7	15MHz	15KHz	TM1	501500	Inner Full	20.07	18.65	33	PASS
N7	15MHz	15KHz	TM1	501500	Inner 1RB Left	19.82	18.40	33	PASS
N7	15MHz	15KHz	TM1	501500	Inner 1RB Right	19.80	18.38	33	PASS
N7	15MHz	15KHz	TM1	507000	Inner Full	23.95	22.53	33	PASS
N7	15MHz	15KHz	TM1	507000	Inner 1RB Left	23.56	22.14	33	PASS
N7	15MHz	15KHz	TM1	507000	Inner 1RB Right	23.98	22.56	33	PASS
N7	15MHz	15KHz	TM1	512500	Inner Full	23.59	22.17	33	PASS
N7	15MHz	15KHz	TM1	512500	Inner 1RB Left	22.68	21.26	33	PASS
N7	15MHz	15KHz	TM1	512500	Inner 1RB Right	23.84	22.42	33	PASS
N7	15MHz	15KHz	TM2	501500	Inner Full	20.08	18.66	33	PASS
N7	15MHz	15KHz	TM2	501500	Inner 1RB Left	19.76	18.34	33	PASS
N7	15MHz	15KHz	TM2	501500	Inner 1RB Right	19.79	18.37	33	PASS
N7	15MHz	15KHz	TM2	507000	Inner Full	23.86	22.44	33	PASS
N7	15MHz	15KHz	TM2	507000	Inner 1RB Left	23.53	22.11	33	PASS
N7	15MHz	15KHz	TM2	507000	Inner 1RB Right	23.91	22.49	33	PASS
N7	15MHz	15KHz	TM2	512500	Inner Full	23.59	22.17	33	PASS
N7	15MHz	15KHz	TM2	512500	Inner 1RB Left	22.64	21.22	33	PASS
N7	15MHz	15KHz	TM2	512500	Inner 1RB Right	23.81	22.39	33	PASS
N7	15MHz	15KHz	TM3	501500	Inner Full	20.08	18.66	33	PASS
N7	15MHz	15KHz	TM3	501500	Inner 1RB Left	19.72	18.30	33	PASS
N7	15MHz	15KHz	TM3	501500	Inner 1RB Right	19.75	18.33	33	PASS
N7	15MHz	15KHz	TM3	507000	Inner Full	22.87	21.45	33	PASS
N7	15MHz	15KHz	TM3	507000	Inner 1RB Left	22.70	21.28	33	PASS



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N7	15MHz	15KHz	TM3	507000	Inner 1RB Right	20.32	18.90	33	PASS
N7	15MHz	15KHz	TM3	512500	Inner Full	22.62	21.20	33	PASS
N7	15MHz	15KHz	TM3	512500	Inner 1RB Left	21.65	20.23	33	PASS
N7	15MHz	15KHz	TM3	512500	Inner 1RB Right	22.69	21.27	33	PASS
N7	15MHz	15KHz	TM4	501500	Inner Full	20.05	18.63	33	PASS
N7	15MHz	15KHz	TM4	501500	Inner 1RB Left	19.85	18.43	33	PASS
N7	15MHz	15KHz	TM4	501500	Inner 1RB Right	19.83	18.41	33	PASS
N7	15MHz	15KHz	TM4	507000	Inner Full	21.38	19.96	33	PASS
N7	15MHz	15KHz	TM4	507000	Inner 1RB Left	21.17	19.75	33	PASS
N7	15MHz	15KHz	TM4	507000	Inner 1RB Right	21.51	20.09	33	PASS
N7	15MHz	15KHz	TM4	512500	Inner Full	21.15	19.73	33	PASS
N7	15MHz	15KHz	TM4	512500	Inner 1RB Left	20.77	19.35	33	PASS
N7	15MHz	15KHz	TM4	512500	Inner 1RB Right	21.23	19.81	33	PASS
N7	15MHz	15KHz	TM5	501500	Inner Full	19.37	17.95	33	PASS
N7	15MHz	15KHz	TM5	501500	Inner 1RB Left	19.15	17.73	33	PASS
N7	15MHz	15KHz	TM5	501500	Inner 1RB Right	19.32	17.90	33	PASS
N7	15MHz	15KHz	TM5	507000	Inner Full	19.36	17.94	33	PASS
N7	15MHz	15KHz	TM5	507000	Inner 1RB Left	19.05	17.63	33	PASS
N7	15MHz	15KHz	TM5	507000	Inner 1RB Right	19.54	18.12	33	PASS
N7	15MHz	15KHz	TM5	512500	Inner Full	19.12	17.70	33	PASS
N7	15MHz	15KHz	TM5	512500	Inner 1RB Left	18.74	17.32	33	PASS
N7	15MHz	15KHz	TM5	512500	Inner 1RB Right	19.24	17.82	33	PASS
N7	15MHz	15KHz	TM6	501500	Inner Full	20.06	18.64	33	PASS
N7	15MHz	15KHz	TM6	501500	Inner 1RB Left	19.82	18.40	33	PASS
N7	15MHz	15KHz	TM6	501500	Inner 1RB Right	20.05	18.63	33	PASS
N7	15MHz	15KHz	TM6	507000	Inner Full	22.37	20.95	33	PASS
N7	15MHz	15KHz	TM6	507000	Inner 1RB Left	22.26	20.84	33	PASS
N7	15MHz	15KHz	TM6	507000	Inner 1RB Right	22.67	21.25	33	PASS
N7	15MHz	15KHz	TM6	512500	Inner Full	22.02	20.60	33	PASS
N7	15MHz	15KHz	TM6	512500	Inner 1RB Left	21.19	19.77	33	PASS
N7	15MHz	15KHz	TM6	512500	Inner 1RB Right	22.46	21.04	33	PASS
N7	15MHz	15KHz	TM7	501500	Inner Full	20.09	18.67	33	PASS
N7	15MHz	15KHz	TM7	501500	Inner 1RB Left	19.70	18.28	33	PASS
N7	15MHz	15KHz	TM7	501500	Inner 1RB Right	19.95	18.53	33	PASS
N7	15MHz	15KHz	TM7	507000	Inner Full	21.89	20.47	33	PASS
N7	15MHz	15KHz	TM7	507000	Inner 1RB Left	21.59	20.17	33	PASS
N7	15MHz	15KHz	TM7	507000	Inner 1RB Right	21.92	20.50	33	PASS
N7	15MHz	15KHz	TM7	512500	Inner Full	21.57	20.15	33	PASS
N7	15MHz	15KHz	TM7	512500	Inner 1RB Left	20.68	19.26	33	PASS
N7	15MHz	15KHz	TM7	512500	Inner 1RB Right	21.88	20.46	33	PASS
N7	15MHz	15KHz	TM8	501500	Inner Full	19.87	18.45	33	PASS
N7	15MHz	15KHz	TM8	501500	Inner 1RB Left	19.59	18.17	33	PASS
N7	15MHz	15KHz	TM8	501500	Inner 1RB Right	19.83	18.41	33	PASS
N7	15MHz	15KHz	TM8	507000	Inner Full	20.42	19.00	33	PASS
N7	15MHz	15KHz	TM8	507000	Inner 1RB Left	20.13	18.71	33	PASS
N7	15MHz	15KHz	TM8	507000	Inner 1RB Right	20.50	19.08	33	PASS
N7	15MHz	15KHz	TM8	512500	Inner Full	20.19	18.77	33	PASS
N7	15MHz	15KHz	TM8	512500	Inner 1RB Left	19.88	18.46	33	PASS



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N7	15MHz	15KHz	TM8	512500	Inner 1RB Right	20.43	19.01	33	PASS
N7	15MHz	15KHz	TM9	501500	Inner Full	17.37	15.95	33	PASS
N7	15MHz	15KHz	TM9	501500	Inner 1RB Left	17.24	15.82	33	PASS
N7	15MHz	15KHz	TM9	501500	Inner 1RB Right	17.36	15.94	33	PASS
N7	15MHz	15KHz	TM9	507000	Inner Full	17.39	15.97	33	PASS
N7	15MHz	15KHz	TM9	507000	Inner 1RB Left	17.08	15.66	33	PASS
N7	15MHz	15KHz	TM9	507000	Inner 1RB Right	17.57	16.15	33	PASS
N7	15MHz	15KHz	TM9	512500	Inner Full	17.16	15.74	33	PASS
N7	15MHz	15KHz	TM9	512500	Inner 1RB Left	16.77	15.35	33	PASS
N7	15MHz	15KHz	TM9	512500	Inner 1RB Right	17.38	15.96	33	PASS
N7	20MHz	15KHz	TM1	502000	Inner Full	20.10	18.68	33	PASS
N7	20MHz	15KHz	TM1	502000	Inner 1RB Left	19.88	18.46	33	PASS
N7	20MHz	15KHz	TM1	502000	Inner 1RB Right	19.60	18.18	33	PASS
N7	20MHz	15KHz	TM1	507000	Inner Full	23.41	21.99	33	PASS
N7	20MHz	15KHz	TM1	507000	Inner 1RB Left	23.49	22.07	33	PASS
N7	20MHz	15KHz	TM1	507000	Inner 1RB Right	23.78	22.36	33	PASS
N7	20MHz	15KHz	TM1	512000	Inner Full	23.29	21.87	33	PASS
N7	20MHz	15KHz	TM1	512000	Inner 1RB Left	22.83	21.41	33	PASS
N7	20MHz	15KHz	TM1	512000	Inner 1RB Right	23.85	22.43	33	PASS
N7	20MHz	15KHz	TM2	502000	Inner Full	20.08	18.66	33	PASS
N7	20MHz	15KHz	TM2	502000	Inner 1RB Left	19.82	18.40	33	PASS
N7	20MHz	15KHz	TM2	502000	Inner 1RB Right	19.64	18.22	33	PASS
N7	20MHz	15KHz	TM2	507000	Inner Full	23.98	22.56	33	PASS
N7	20MHz	15KHz	TM2	507000	Inner 1RB Left	23.57	22.15	33	PASS
N7	20MHz	15KHz	TM2	507000	Inner 1RB Right	23.78	22.36	33	PASS
N7	20MHz	15KHz	TM2	512000	Inner Full	23.20	21.78	33	PASS
N7	20MHz	15KHz	TM2	512000	Inner 1RB Left	22.77	21.35	33	PASS
N7	20MHz	15KHz	TM2	512000	Inner 1RB Right	23.80	22.38	33	PASS
N7	20MHz	15KHz	TM3	502000	Inner Full	20.08	18.66	33	PASS
N7	20MHz	15KHz	TM3	502000	Inner 1RB Left	19.89	18.47	33	PASS
N7	20MHz	15KHz	TM3	502000	Inner 1RB Right	19.66	18.24	33	PASS
N7	20MHz	15KHz	TM3	507000	Inner Full	22.94	21.52	33	PASS
N7	20MHz	15KHz	TM3	507000	Inner 1RB Left	22.60	21.18	33	PASS
N7	20MHz	15KHz	TM3	507000	Inner 1RB Right	22.78	21.36	33	PASS
N7	20MHz	15KHz	TM3	512000	Inner Full	22.18	20.76	33	PASS
N7	20MHz	15KHz	TM3	512000	Inner 1RB Left	21.82	20.40	33	PASS
N7	20MHz	15KHz	TM3	512000	Inner 1RB Right	22.78	21.36	33	PASS
N7	20MHz	15KHz	TM4	502000	Inner Full	20.03	18.61	33	PASS
N7	20MHz	15KHz	TM4	502000	Inner 1RB Left	19.82	18.40	33	PASS
N7	20MHz	15KHz	TM4	502000	Inner 1RB Right	19.73	18.31	33	PASS
N7	20MHz	15KHz	TM4	507000	Inner Full	21.39	19.97	33	PASS
N7	20MHz	15KHz	TM4	507000	Inner 1RB Left	21.04	19.62	33	PASS
N7	20MHz	15KHz	TM4	507000	Inner 1RB Right	21.28	19.86	33	PASS
N7	20MHz	15KHz	TM4	512000	Inner Full	20.75	19.33	33	PASS
N7	20MHz	15KHz	TM4	512000	Inner 1RB Left	20.90	19.48	33	PASS
N7	20MHz	15KHz	TM4	512000	Inner 1RB Right	21.37	19.95	33	PASS
N7	20MHz	15KHz	TM5	502000	Inner Full	19.45	18.03	33	PASS
N7	20MHz	15KHz	TM5	502000	Inner 1RB Left	19.34	17.92	33	PASS



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N7	20MHz	15KHz	TM5	502000	Inner 1RB Right	18.99	17.57	33	PASS
N7	20MHz	15KHz	TM5	507000	Inner Full	19.37	17.95	33	PASS
N7	20MHz	15KHz	TM5	507000	Inner 1RB Left	18.97	17.55	33	PASS
N7	20MHz	15KHz	TM5	507000	Inner 1RB Right	19.21	17.79	33	PASS
N7	20MHz	15KHz	TM5	512000	Inner Full	19.07	17.65	33	PASS
N7	20MHz	15KHz	TM5	512000	Inner 1RB Left	18.90	17.48	33	PASS
N7	20MHz	15KHz	TM5	512000	Inner 1RB Right	19.36	17.94	33	PASS
N7	20MHz	15KHz	TM6	502000	Inner Full	20.13	18.71	33	PASS
N7	20MHz	15KHz	TM6	502000	Inner 1RB Left	19.86	18.44	33	PASS
N7	20MHz	15KHz	TM6	502000	Inner 1RB Right	19.66	18.24	33	PASS
N7	20MHz	15KHz	TM6	507000	Inner Full	22.49	21.07	33	PASS
N7	20MHz	15KHz	TM6	507000	Inner 1RB Left	22.13	20.71	33	PASS
N7	20MHz	15KHz	TM6	507000	Inner 1RB Right	22.24	20.82	33	PASS
N7	20MHz	15KHz	TM6	512000	Inner Full	21.58	20.16	33	PASS
N7	20MHz	15KHz	TM6	512000	Inner 1RB Left	21.32	19.90	33	PASS
N7	20MHz	15KHz	TM6	512000	Inner 1RB Right	22.29	20.87	33	PASS
N7	20MHz	15KHz	TM7	502000	Inner Full	20.10	18.68	33	PASS
N7	20MHz	15KHz	TM7	502000	Inner 1RB Left	19.94	18.52	33	PASS
N7	20MHz	15KHz	TM7	502000	Inner 1RB Right	19.74	18.32	33	PASS
N7	20MHz	15KHz	TM7	507000	Inner Full	22.05	20.63	33	PASS
N7	20MHz	15KHz	TM7	507000	Inner 1RB Left	21.65	20.23	33	PASS
N7	20MHz	15KHz	TM7	507000	Inner 1RB Right	21.62	20.20	33	PASS
N7	20MHz	15KHz	TM7	512000	Inner Full	21.12	19.70	33	PASS
N7	20MHz	15KHz	TM7	512000	Inner 1RB Left	20.80	19.38	33	PASS
N7	20MHz	15KHz	TM7	512000	Inner 1RB Right	21.74	20.32	33	PASS
N7	20MHz	15KHz	TM8	502000	Inner Full	19.90	18.48	33	PASS
N7	20MHz	15KHz	TM8	502000	Inner 1RB Left	19.65	18.23	33	PASS
N7	20MHz	15KHz	TM8	502000	Inner 1RB Right	19.82	18.40	33	PASS
N7	20MHz	15KHz	TM8	507000	Inner Full	20.51	19.09	33	PASS
N7	20MHz	15KHz	TM8	507000	Inner 1RB Left	20.09	18.67	33	PASS
N7	20MHz	15KHz	TM8	507000	Inner 1RB Right	20.34	18.92	33	PASS
N7	20MHz	15KHz	TM8	512000	Inner Full	19.78	18.36	33	PASS
N7	20MHz	15KHz	TM8	512000	Inner 1RB Left	19.82	18.40	33	PASS
N7	20MHz	15KHz	TM8	512000	Inner 1RB Right	20.34	18.92	33	PASS
N7	20MHz	15KHz	TM9	502000	Inner Full	17.39	15.97	33	PASS
N7	20MHz	15KHz	TM9	502000	Inner 1RB Left	17.13	15.71	33	PASS
N7	20MHz	15KHz	TM9	502000	Inner 1RB Right	17.11	15.69	33	PASS
N7	20MHz	15KHz	TM9	507000	Inner Full	17.55	16.13	33	PASS
N7	20MHz	15KHz	TM9	507000	Inner 1RB Left	17.03	15.61	33	PASS
N7	20MHz	15KHz	TM9	507000	Inner 1RB Right	17.43	16.01	33	PASS
N7	20MHz	15KHz	TM9	512000	Inner Full	17.12	15.70	33	PASS
N7	20MHz	15KHz	TM9	512000	Inner 1RB Left	17.02	15.60	33	PASS
N7	20MHz	15KHz	TM9	512000	Inner 1RB Right	17.50	16.08	33	PASS

Note:

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

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

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



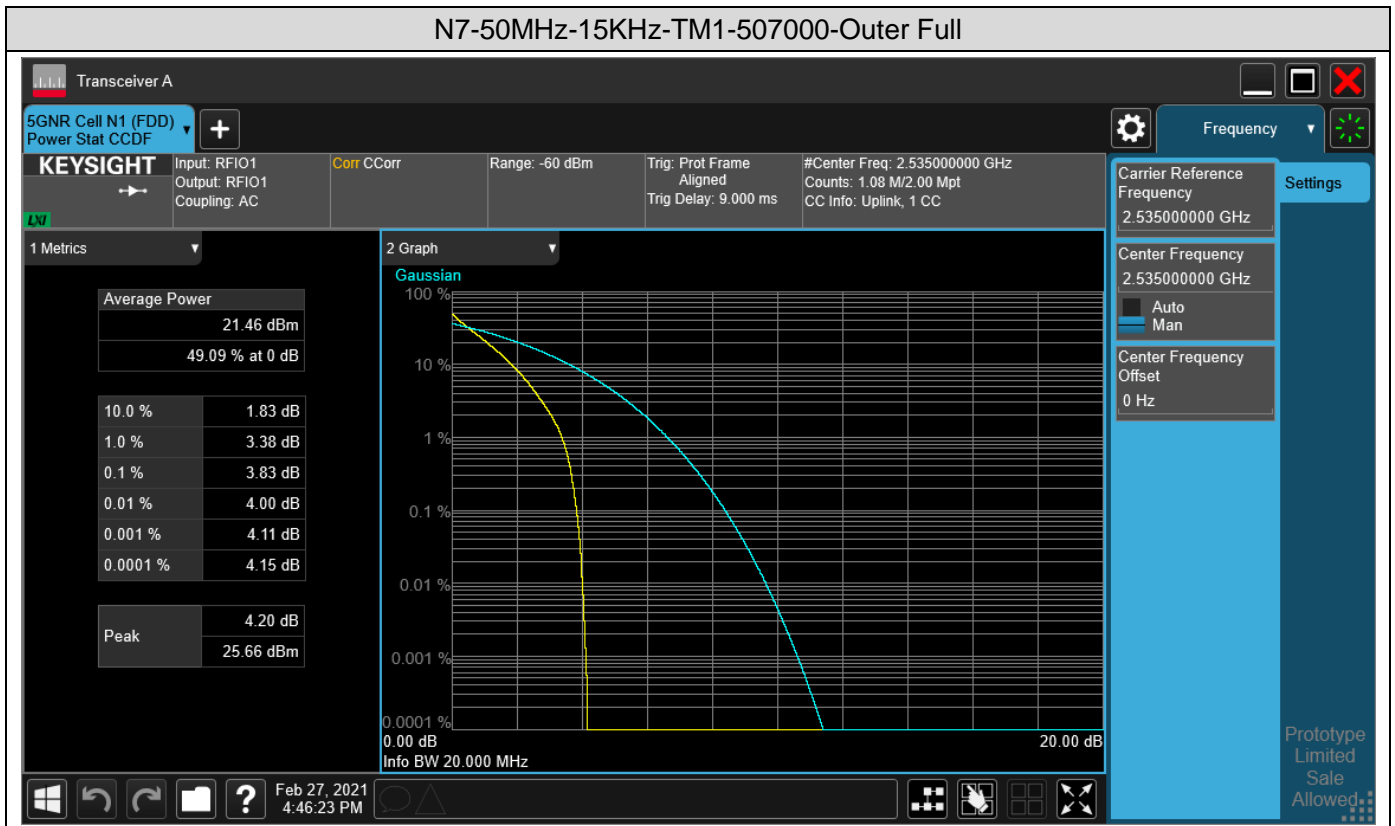
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## 2 Peak-to-Average Ratio

### 2.1 Test Results

NR Band	Bandwidth	SCS	Modulation	Channel	RB Config	Result (dB)	Limit (dBm)	Verdict
N7	20MHz	15KHz	TM1	507000	Outer Full	3.83	13	PASS
N7	20MHz	15KHz	TM6	507000	Outer Full	8.39	13	PASS

### 2.2 Test Plots

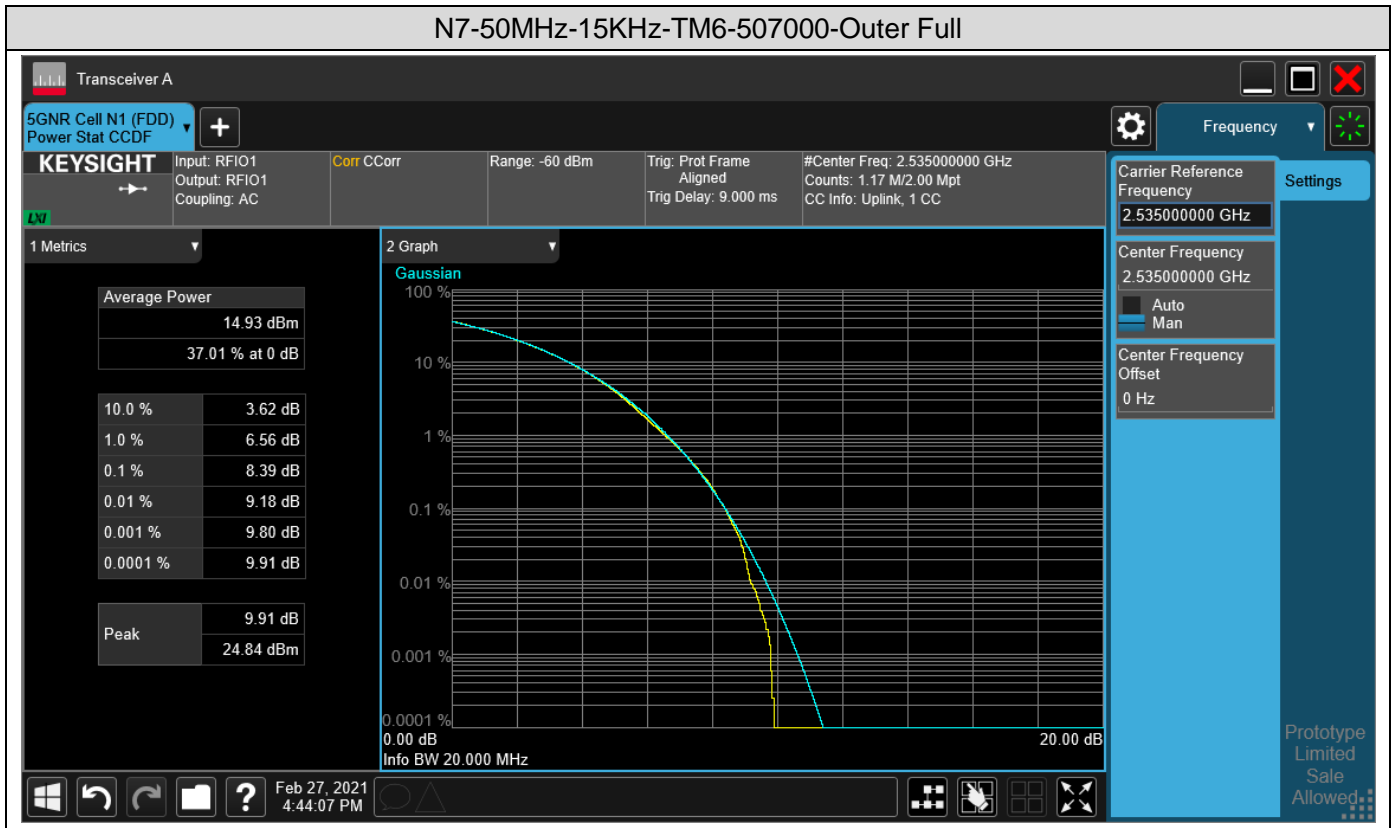


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**REMARK:**

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



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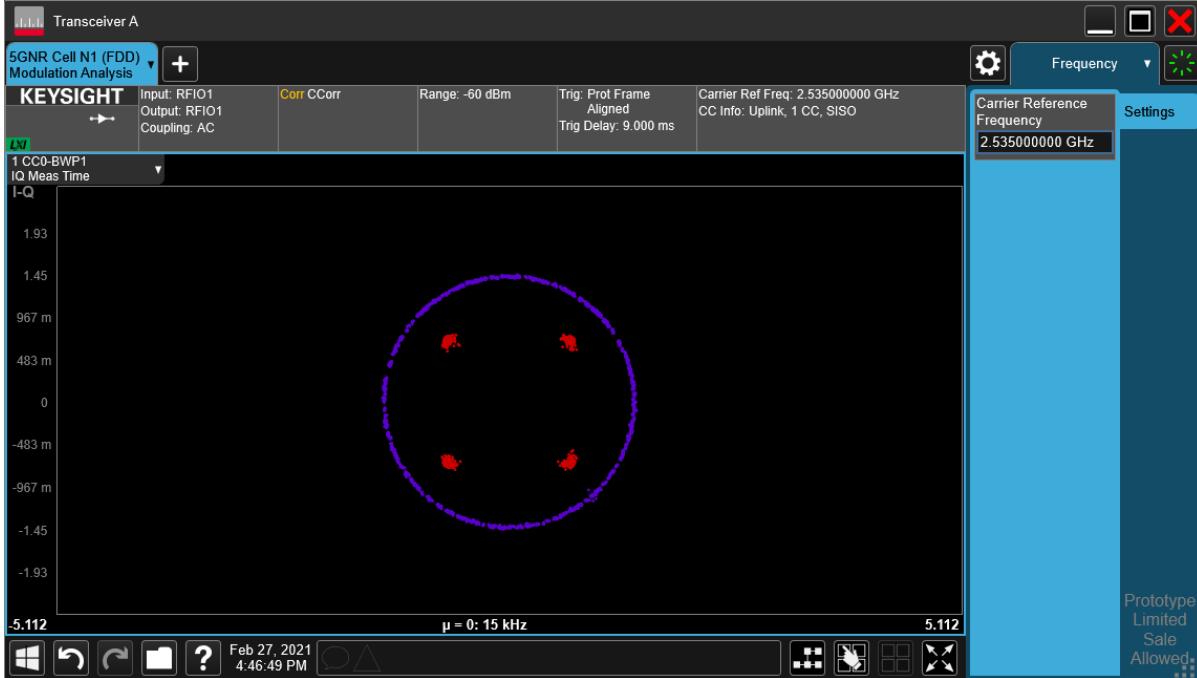
### 3 Modulation Characteristics

#### 3.1 Test Plots

##### 3.1.1 Test Band = N7

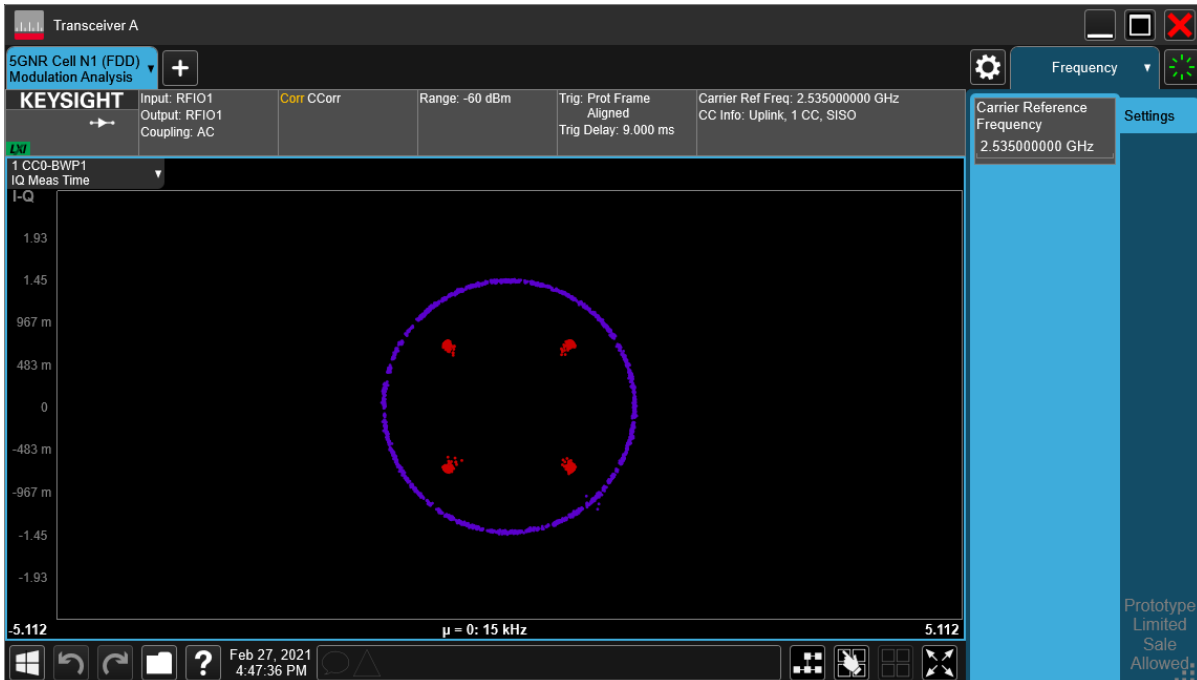
##### 3.1.1.1 Test Mode = TM1 20MHz

##### 3.1.1.1.1 Test Channel = MCH



##### 3.1.1.2 Test Mode = TM2 20MHz

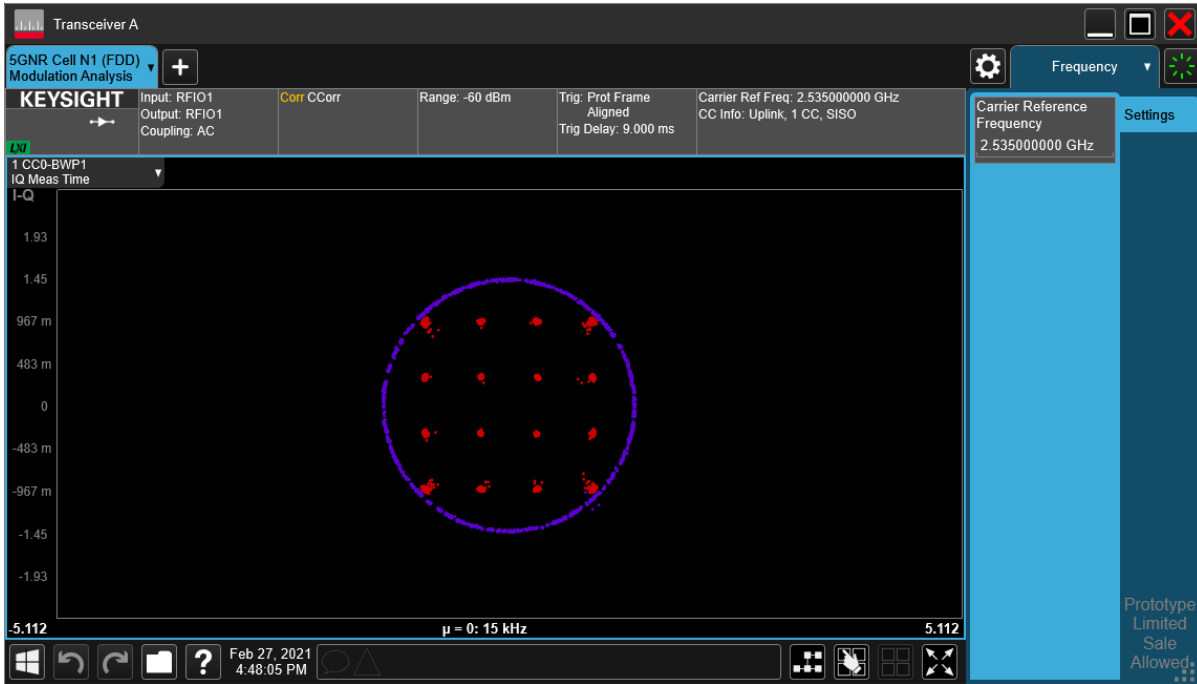
##### 3.1.1.2.1 Test Channel = MCH



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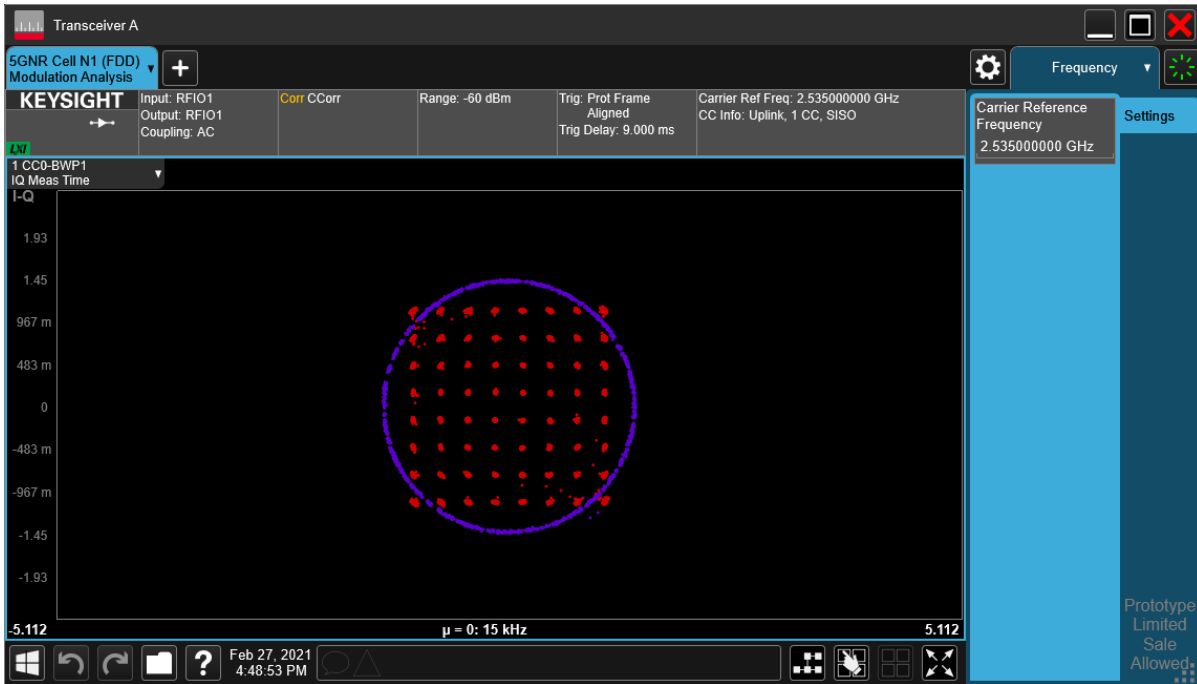
**3.1.1.3 Test Mode = TM3 20MHz**

**3.1.1.3.1 Test Channel = MCH**



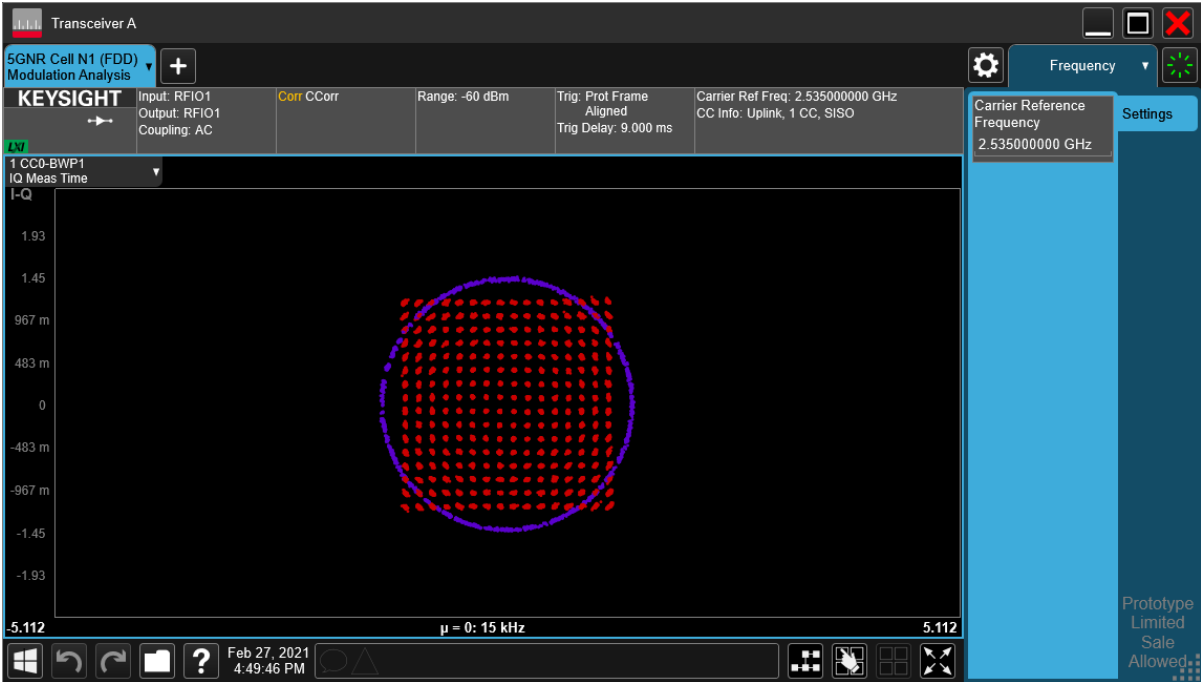
**3.1.1.4 Test Mode = TM4 20MHz**

**3.1.1.4.1 Test Channel = MCH**



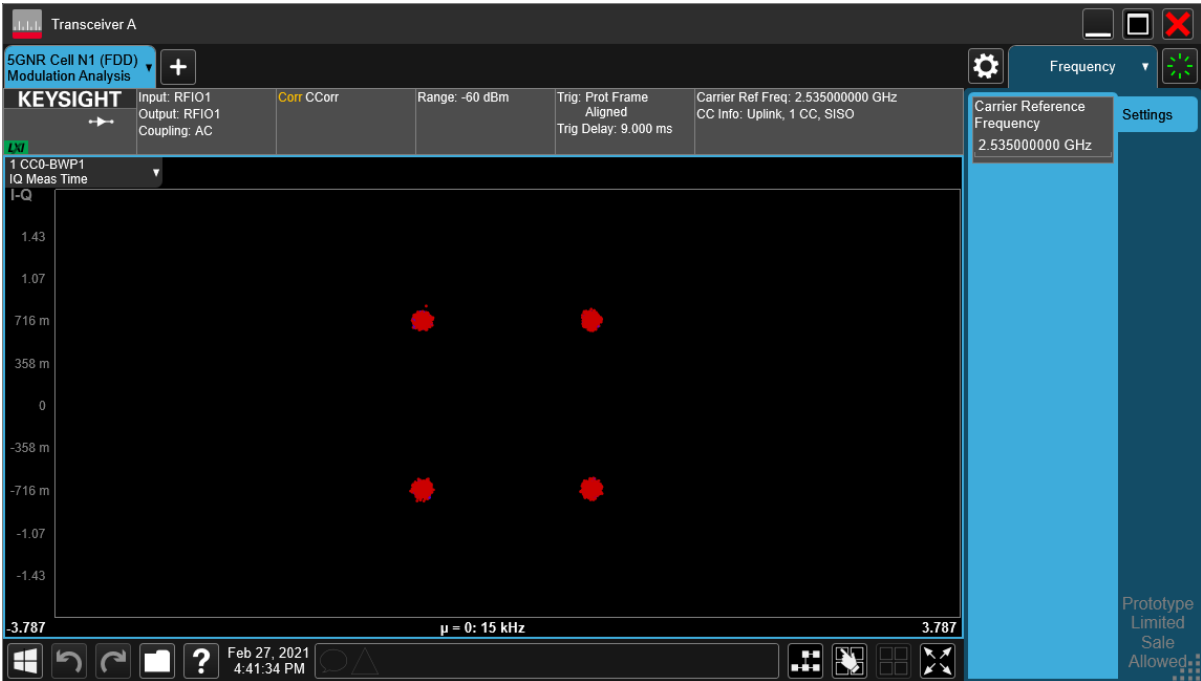
**3.1.1.5 Test Mode = TM5 20MHz**

**3.1.1.5.1 Test Channel = MCH**



**3.1.1.6 Test Mode = TM6 20MHz**

**3.1.1.6.1 Test Channel = MCH**



**REMARK:**

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



## 4 Occupied Bandwidth & 26dB Emission Bandwidth

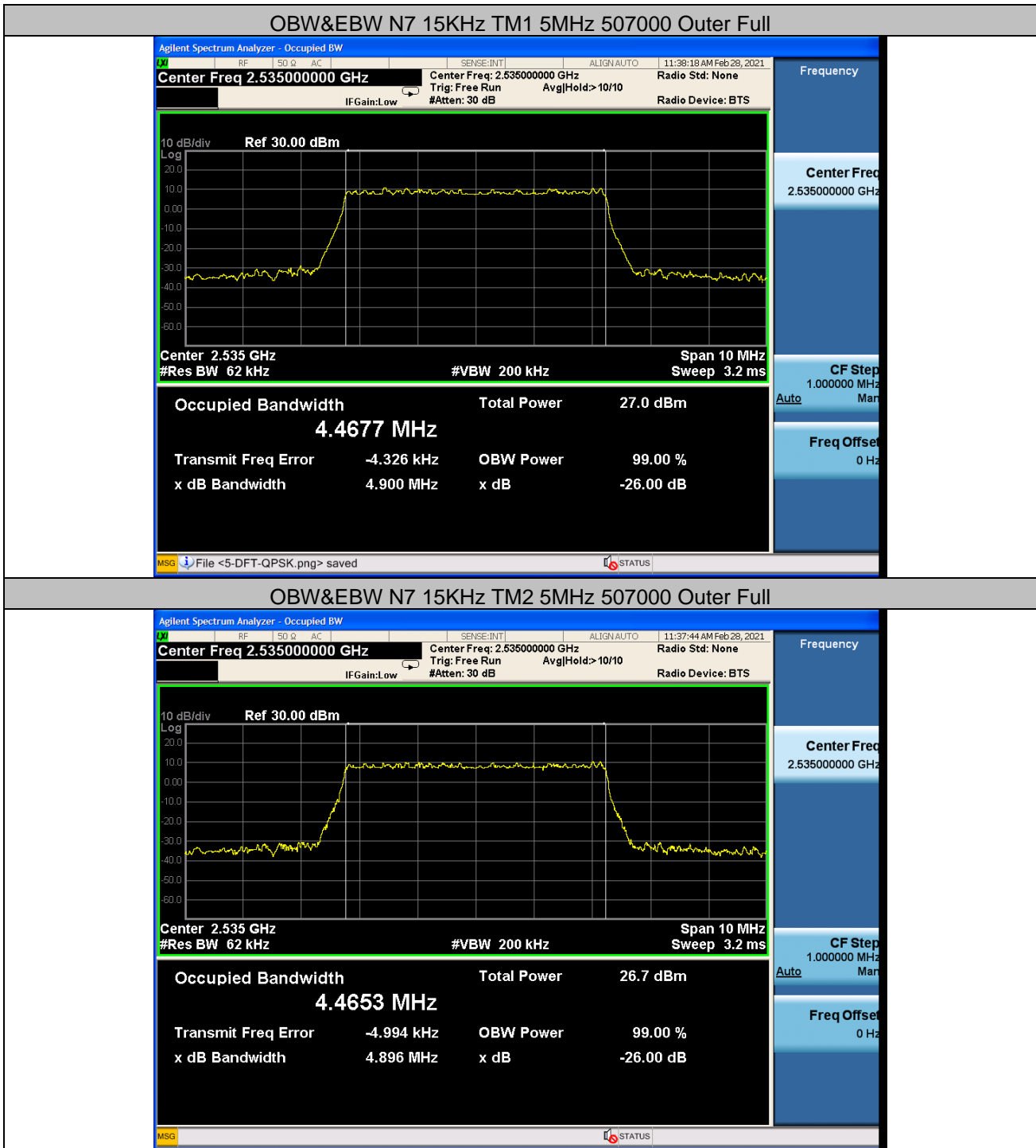
### 4.1 Test Results

NR Band	Bandwidth	SCS	Modulation	Channel	RB Config	OBW (MHz)	EBW (MHz)	Verdict
N7	5MHz	15KHz	TM1	507000	Outer Full	4.47	4.90	PASS
N7	5MHz	15KHz	TM2	507000	Outer Full	4.47	4.90	PASS
N7	5MHz	15KHz	TM3	507000	Outer Full	4.48	4.86	PASS
N7	5MHz	15KHz	TM4	507000	Outer Full	4.48	4.90	PASS
N7	5MHz	15KHz	TM5	507000	Outer Full	4.48	4.91	PASS
N7	5MHz	15KHz	TM6	507000	Outer Full	4.48	5.01	PASS
N7	5MHz	15KHz	TM7	507000	Outer Full	4.47	4.94	PASS
N7	5MHz	15KHz	TM8	507000	Outer Full	4.48	4.87	PASS
N7	5MHz	15KHz	TM9	507000	Outer Full	4.46	4.83	PASS
N7	10MHz	15KHz	TM1	507000	Outer Full	8.90	9.43	PASS
N7	10MHz	15KHz	TM2	507000	Outer Full	8.90	9.39	PASS
N7	10MHz	15KHz	TM3	507000	Outer Full	8.93	9.51	PASS
N7	10MHz	15KHz	TM4	507000	Outer Full	8.93	9.54	PASS
N7	10MHz	15KHz	TM5	507000	Outer Full	8.91	9.40	PASS
N7	10MHz	15KHz	TM6	507000	Outer Full	9.29	9.96	PASS
N7	10MHz	15KHz	TM7	507000	Outer Full	9.29	9.85	PASS
N7	10MHz	15KHz	TM8	507000	Outer Full	9.28	9.83	PASS
N7	10MHz	15KHz	TM9	507000	Outer Full	9.28	9.88	PASS
N7	15MHz	15KHz	TM1	507000	Outer Full	13.39	14.13	PASS
N7	15MHz	15KHz	TM2	507000	Outer Full	13.40	14.08	PASS
N7	15MHz	15KHz	TM3	507000	Outer Full	13.40	14.06	PASS
N7	15MHz	15KHz	TM4	507000	Outer Full	13.39	14.12	PASS
N7	15MHz	15KHz	TM5	507000	Outer Full	13.38	14.11	PASS
N7	15MHz	15KHz	TM6	507000	Outer Full	14.11	14.82	PASS
N7	15MHz	15KHz	TM7	507000	Outer Full	14.11	14.82	PASS
N7	15MHz	15KHz	TM8	507000	Outer Full	14.10	14.76	PASS
N7	15MHz	15KHz	TM9	507000	Outer Full	14.12	14.79	PASS
N7	20MHz	15KHz	TM1	507000	Outer Full	17.91	18.73	PASS
N7	20MHz	15KHz	TM2	507000	Outer Full	17.89	18.74	PASS
N7	20MHz	15KHz	TM3	507000	Outer Full	17.88	18.73	PASS
N7	20MHz	15KHz	TM4	507000	Outer Full	17.88	18.64	PASS
N7	20MHz	15KHz	TM5	507000	Outer Full	17.90	18.62	PASS
N7	20MHz	15KHz	TM6	507000	Outer Full	18.92	19.81	PASS
N7	20MHz	15KHz	TM7	507000	Outer Full	18.93	19.77	PASS
N7	20MHz	15KHz	TM8	507000	Outer Full	18.94	19.77	PASS
N7	20MHz	15KHz	TM9	507000	Outer Full	18.91	19.61	PASS



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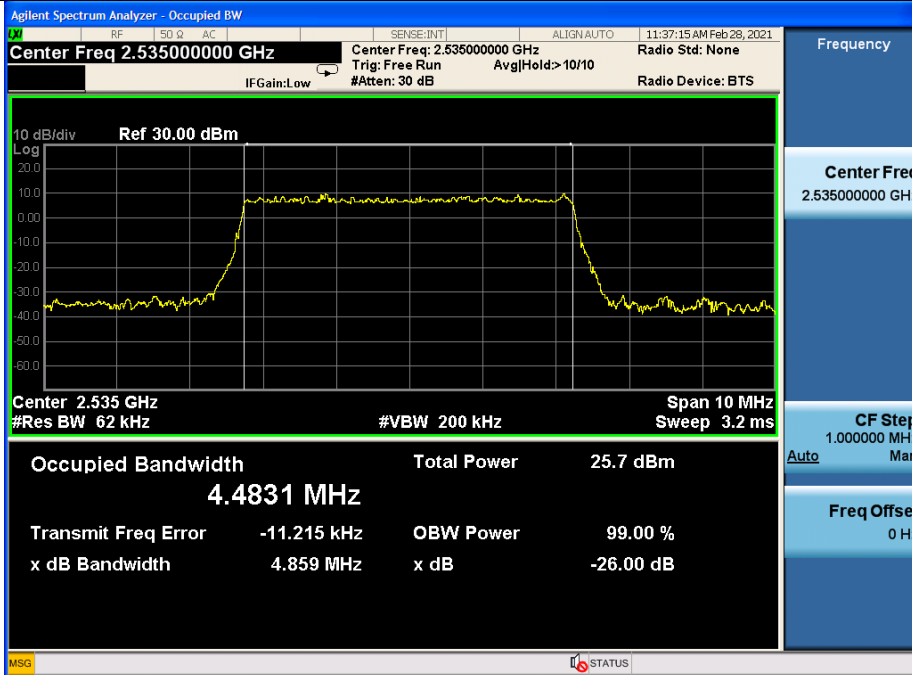
### 4.2 Test Plots



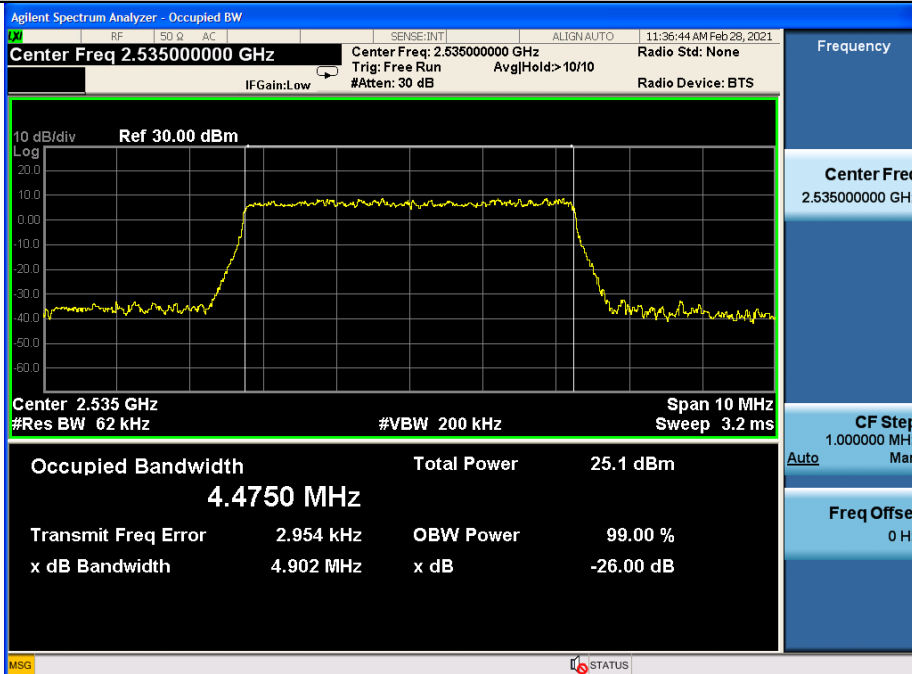
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**OBW&EBW N7 15KHz TM3 5MHz 507000 Outer Full**

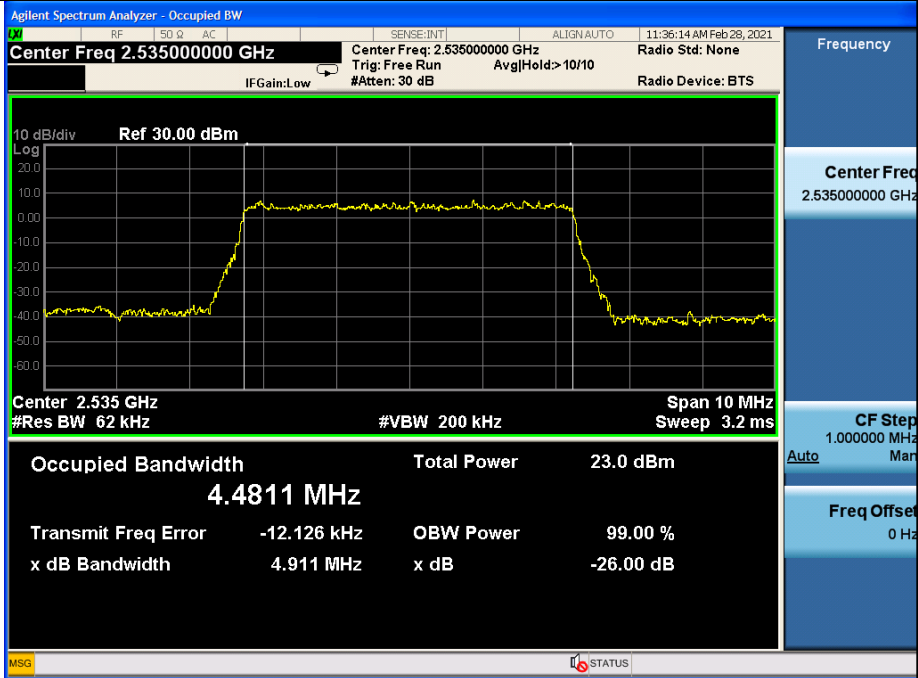


**OBW&EBW N7 15KHz TM4 5MHz 507000 Outer Full**

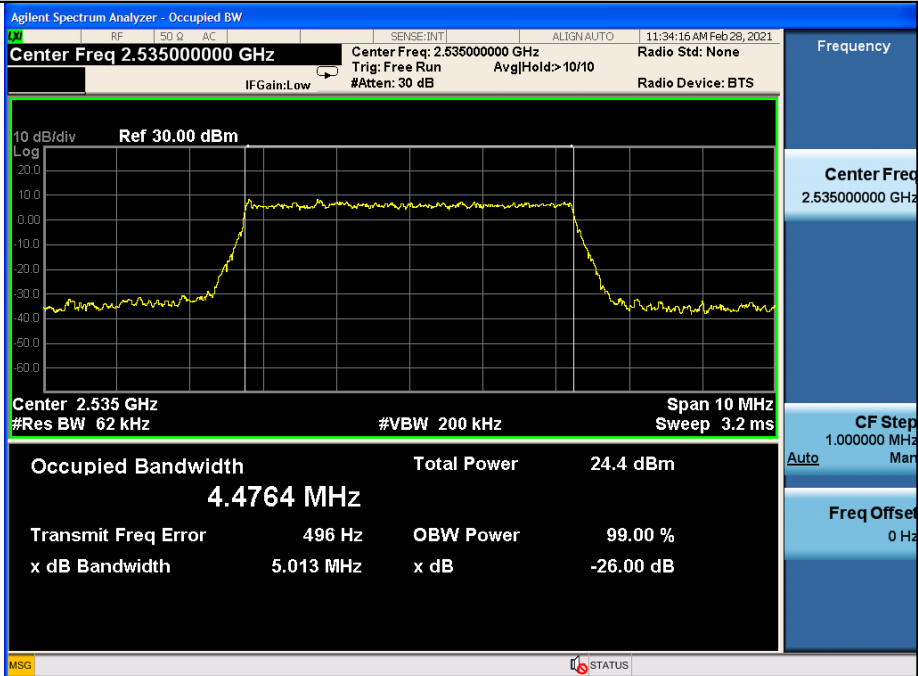


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**OBW&EBW N7 15KHz TM5 5MHz 507000 Outer Full**

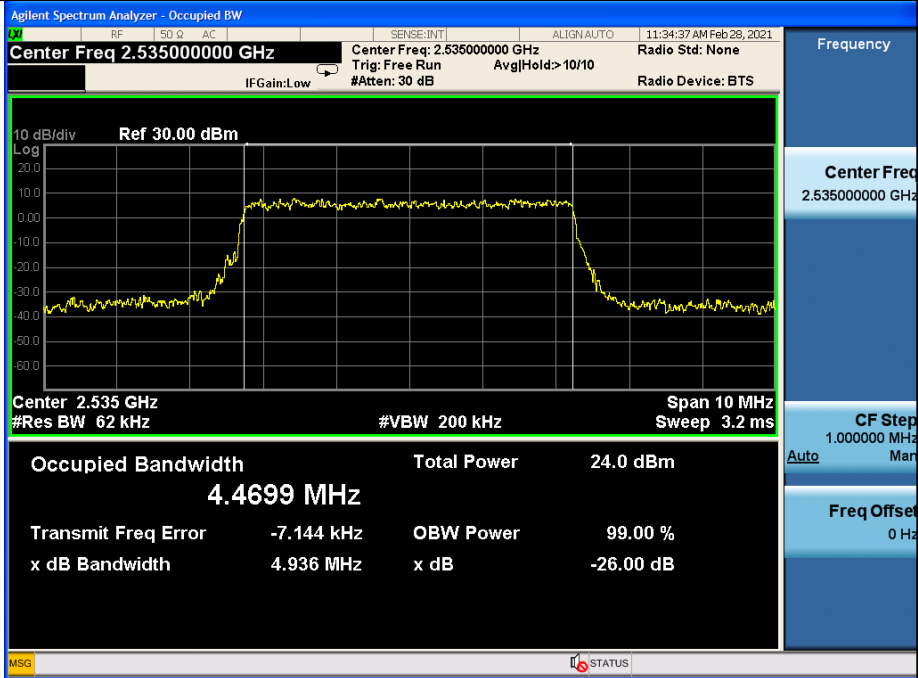


**OBW&EBW N7 15KHz TM6 5MHz 507000 Outer Full**

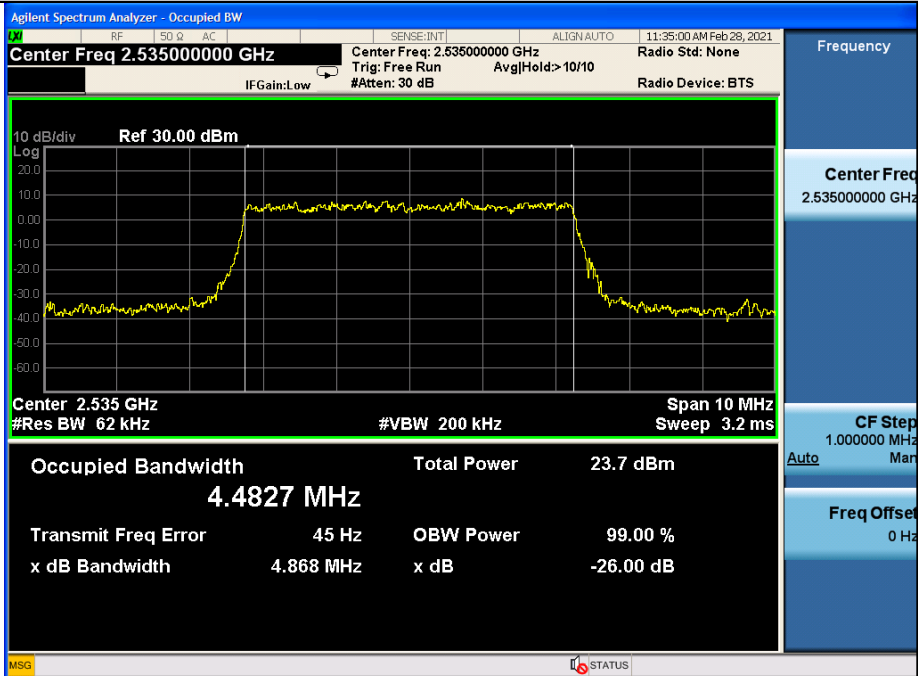


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**OBW&EBW N7 15KHz TM7 5MHz 507000 Outer Full**



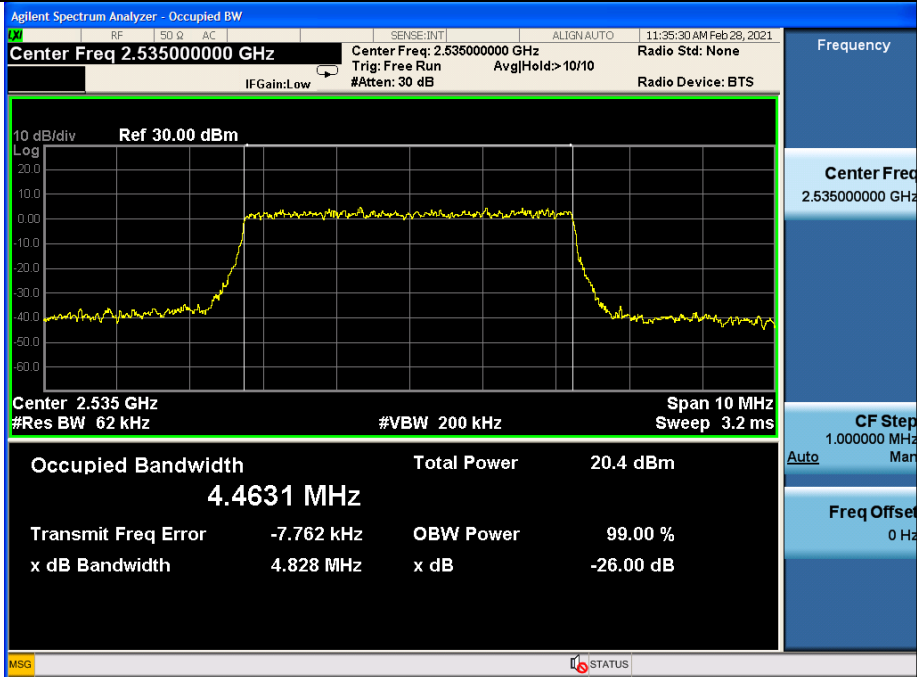
**OBW&EBW N7 15KHz TM8 5MHz 507000 Outer Full**



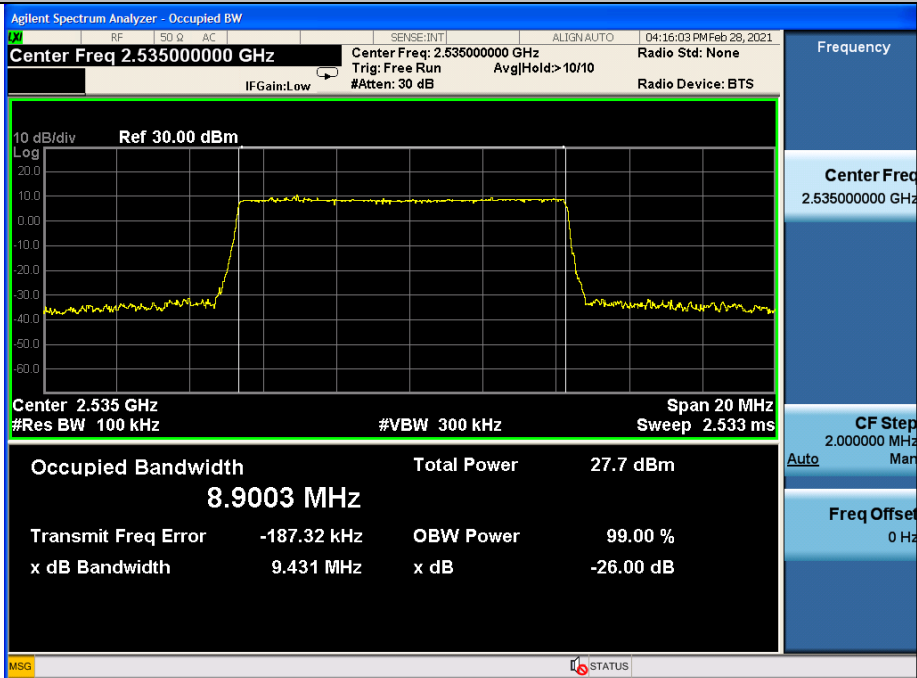
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**OBW&EBW N7 15KHz TM9 5MHz 507000 Outer Full**



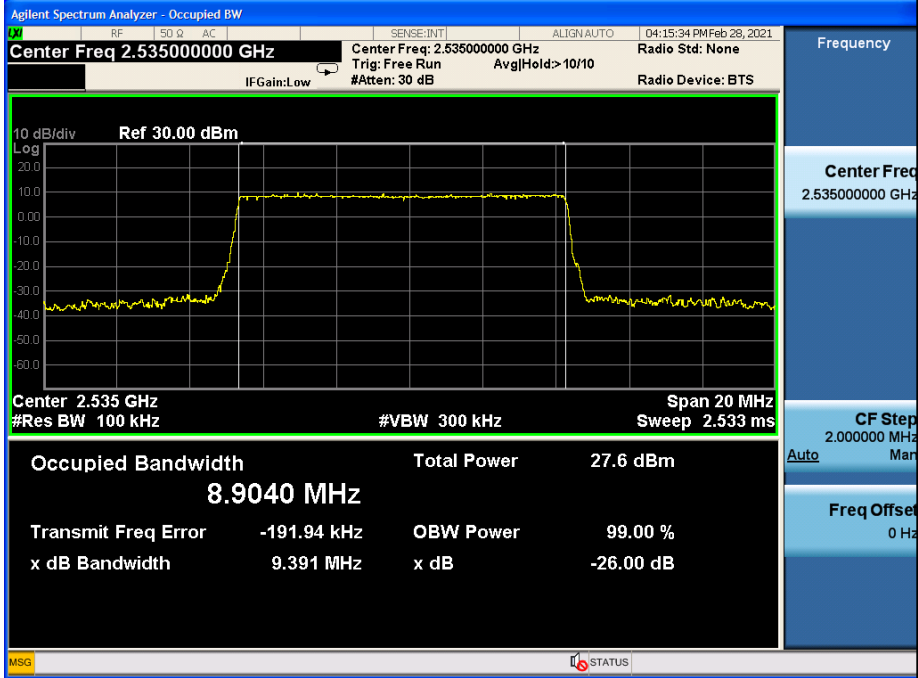
**OBW&EBW N7 15KHz TM1 10MHz 507000 Outer Full**



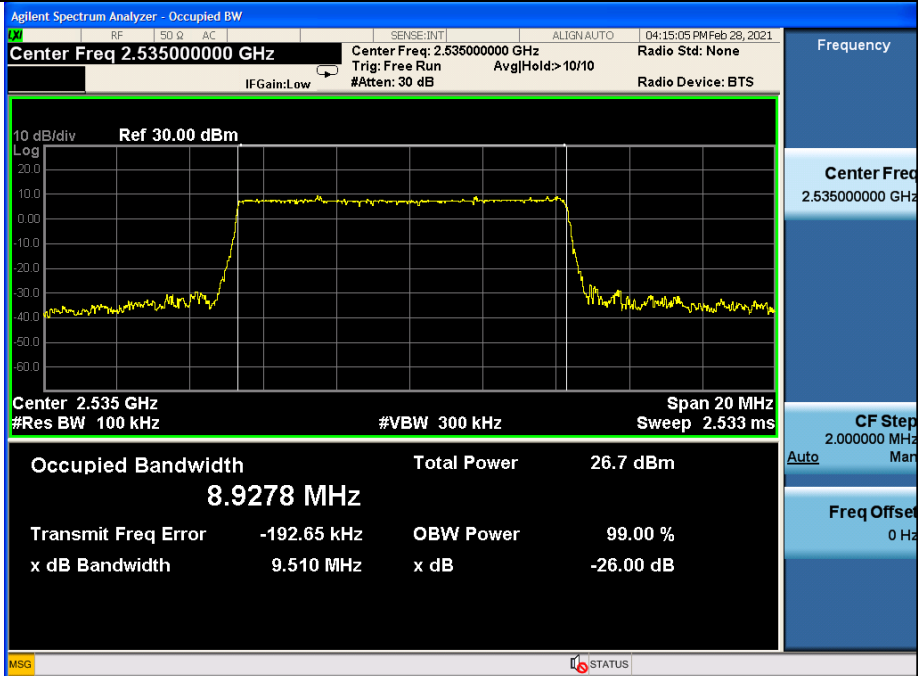
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**OBW&EBW N7 15KHz TM2 10MHz 507000 Outer Full**

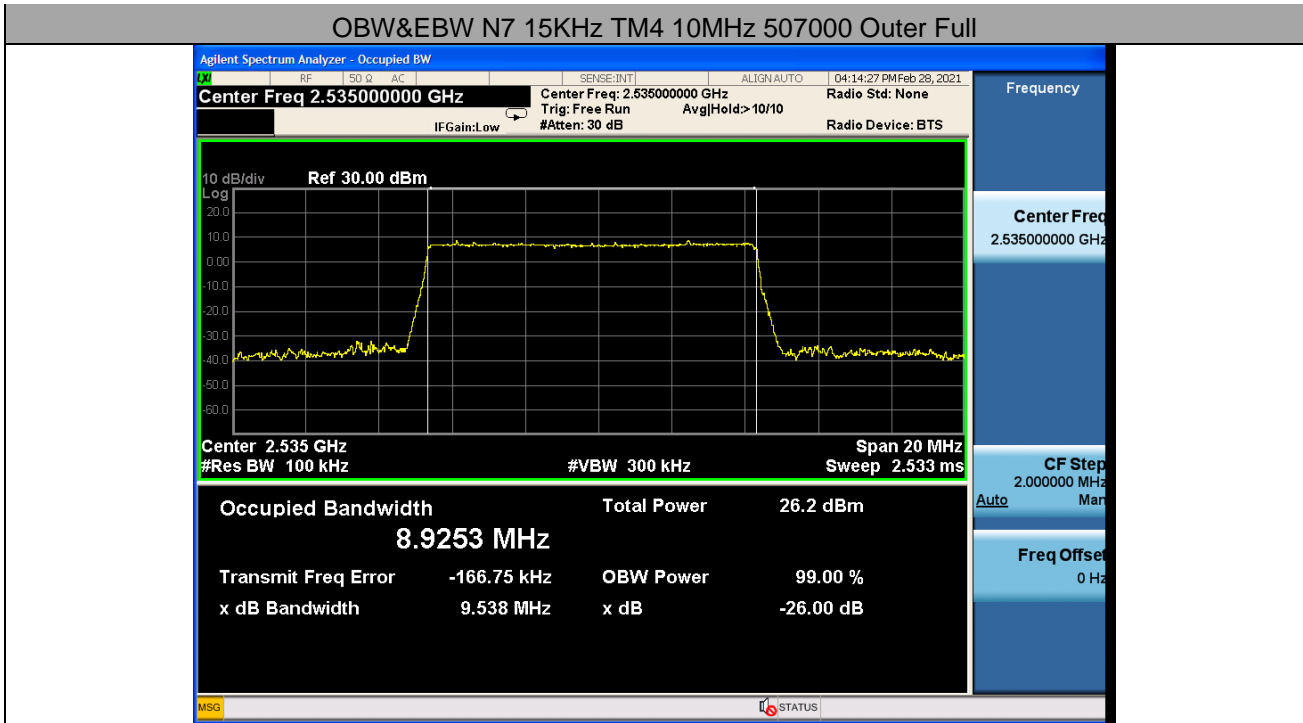


**OBW&EBW N7 15KHz TM3 10MHz 507000 Outer Full**

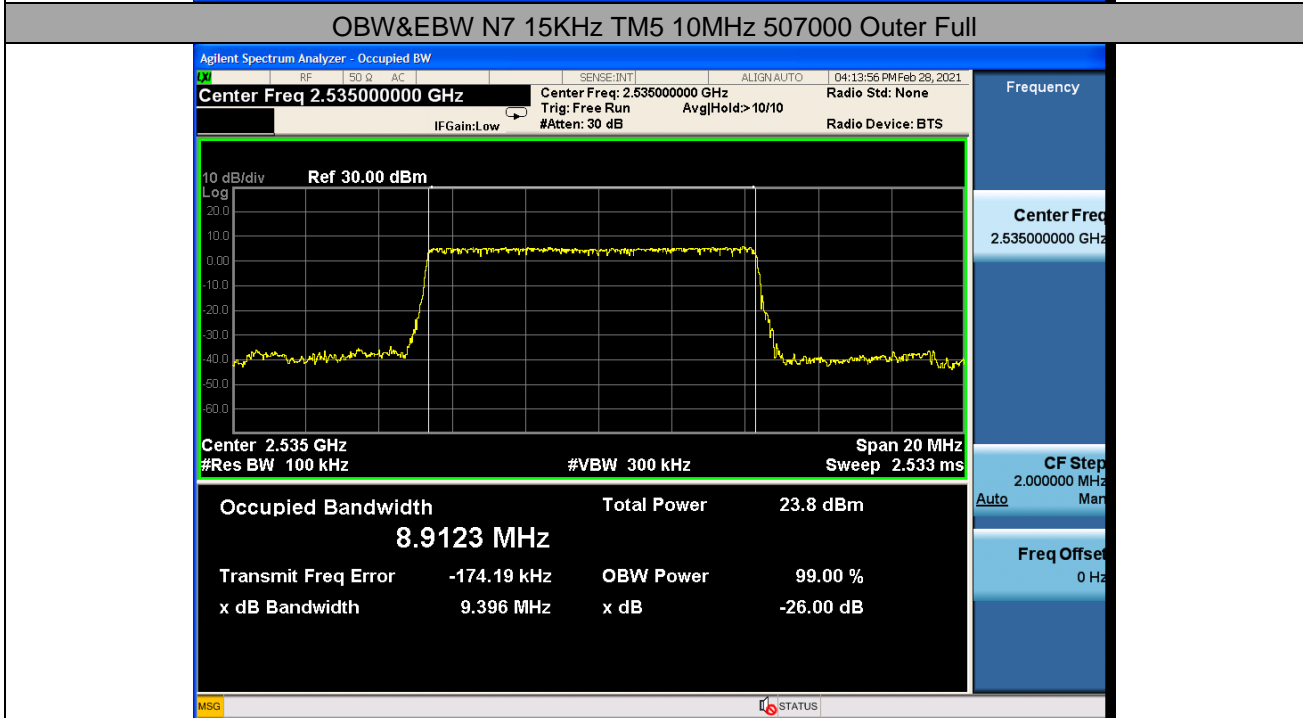


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**OBW&EBW N7 15KHz TM4 10MHz 507000 Outer Full**

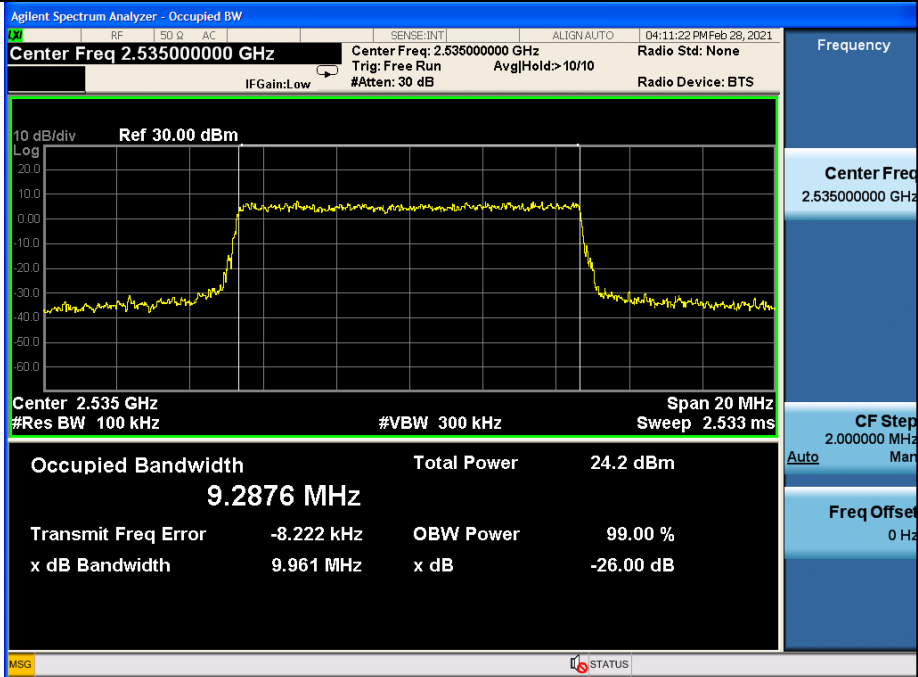


**OBW&EBW N7 15KHz TM5 10MHz 507000 Outer Full**

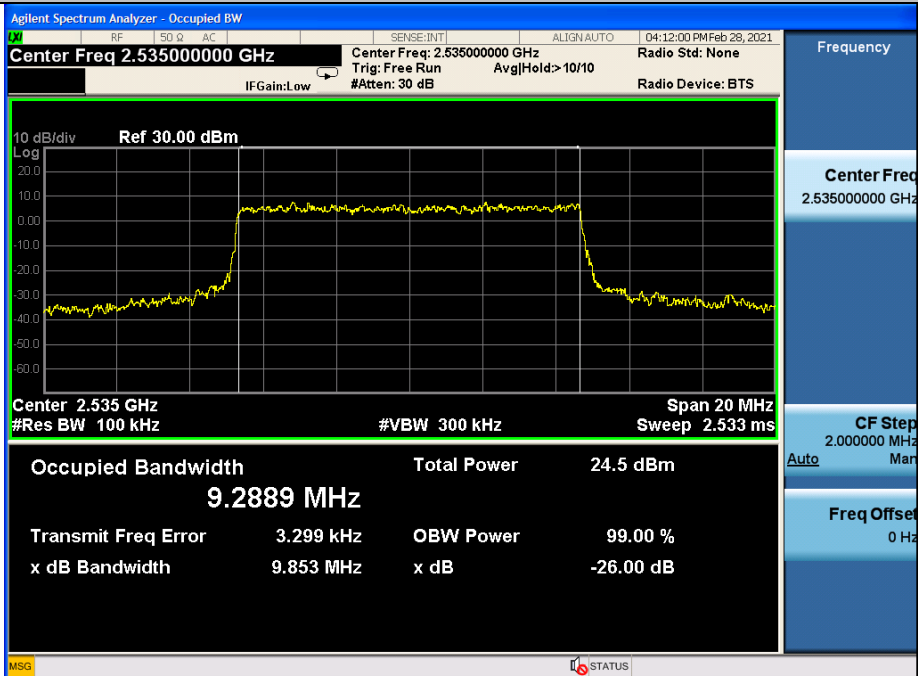


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**OBW&EBW N7 15KHz TM6 10MHz 507000 Outer Full**

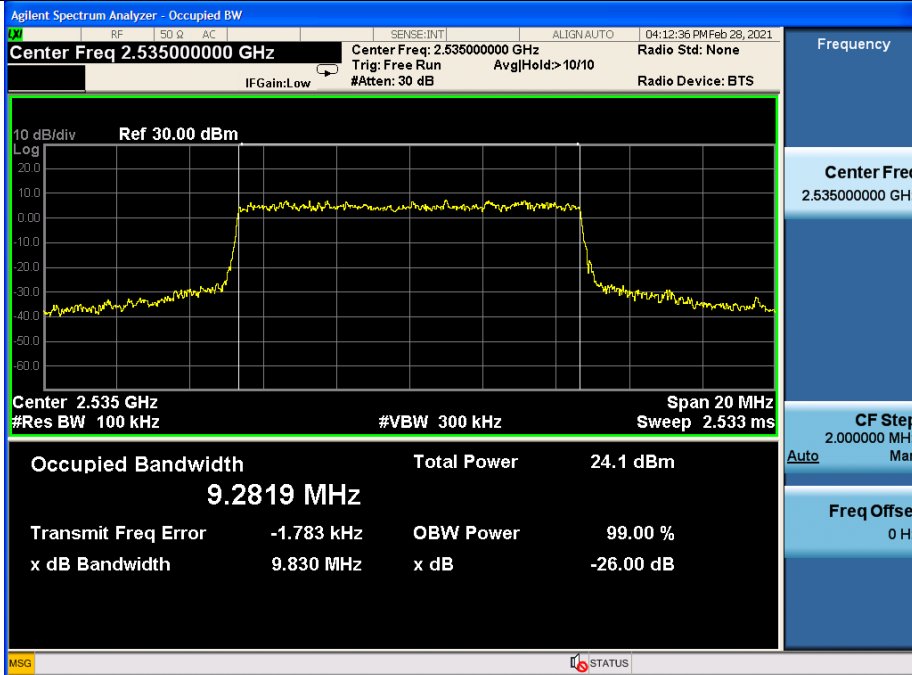


**OBW&EBW N7 15KHz TM7 10MHz 507000 Outer Full**

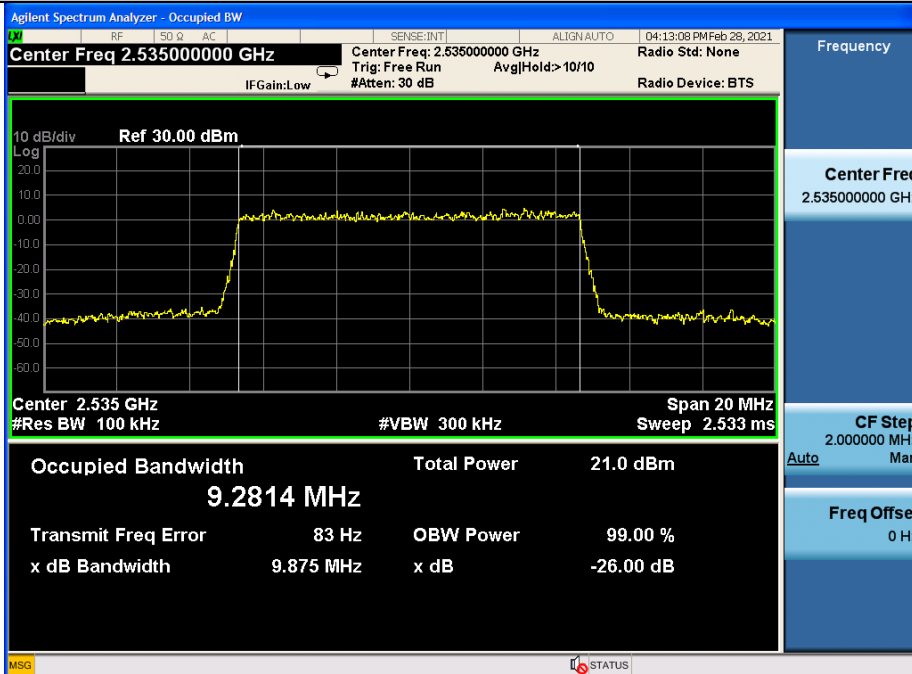


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**OBW&EBW N7 15KHz TM8 10MHz 507000 Outer Full**



**OBW&EBW N7 15KHz TM9 10MHz 507000 Outer Full**

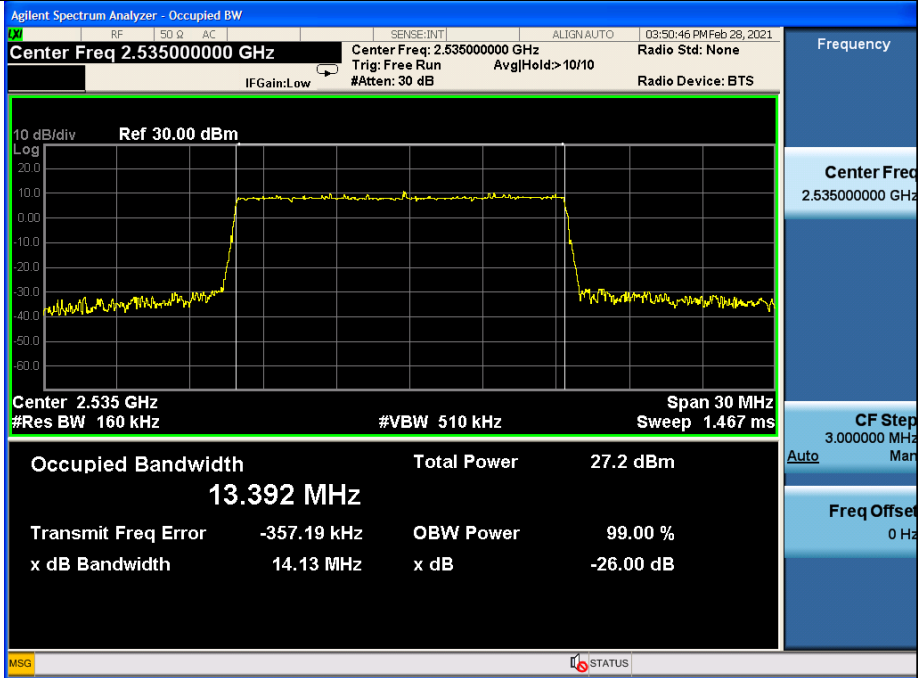


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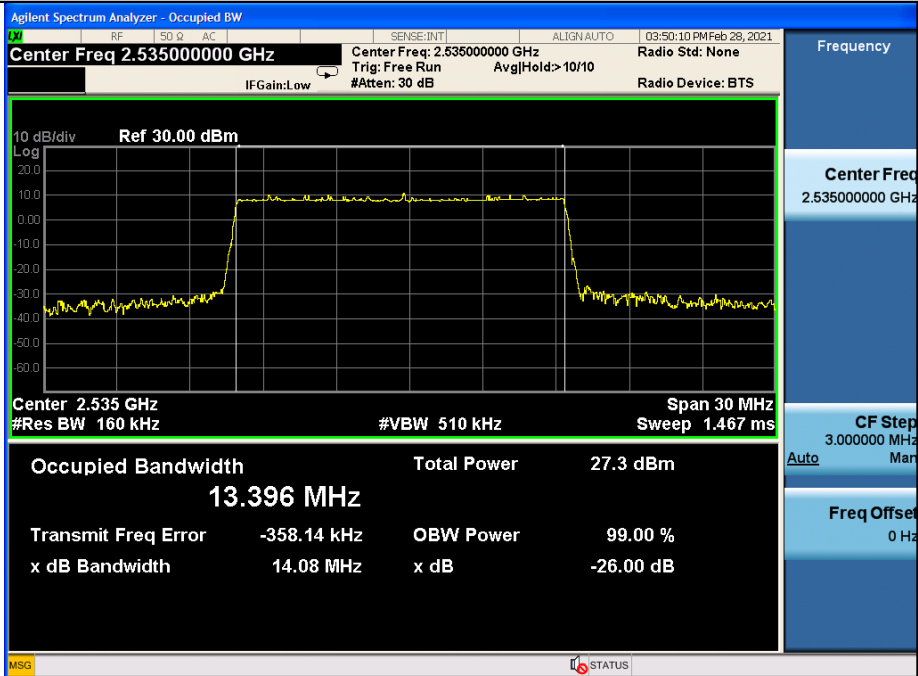
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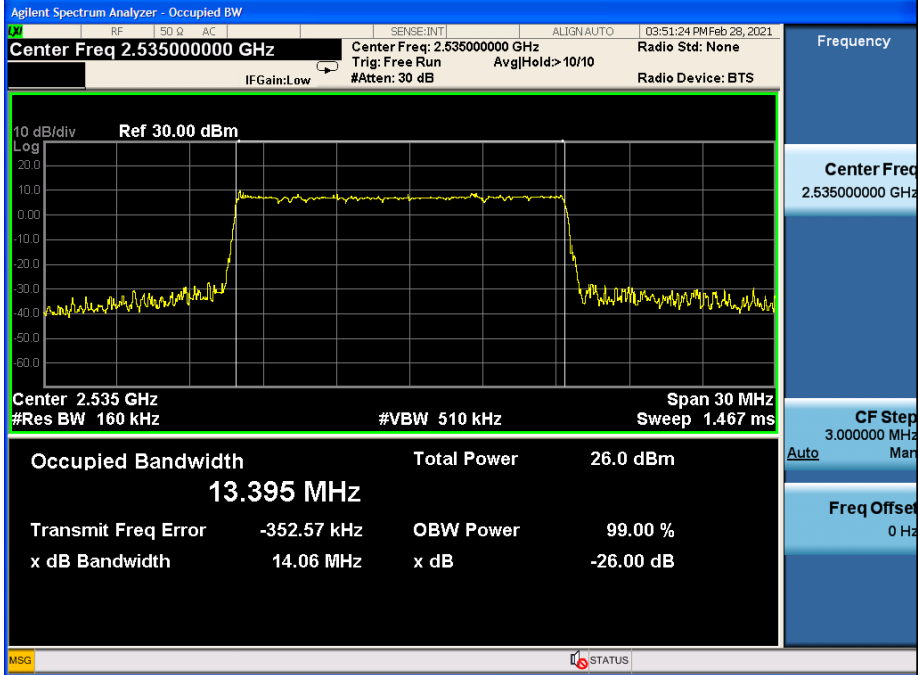
**OBW&EBW N7 15KHz TM1 15MHz 507000 Outer Full**



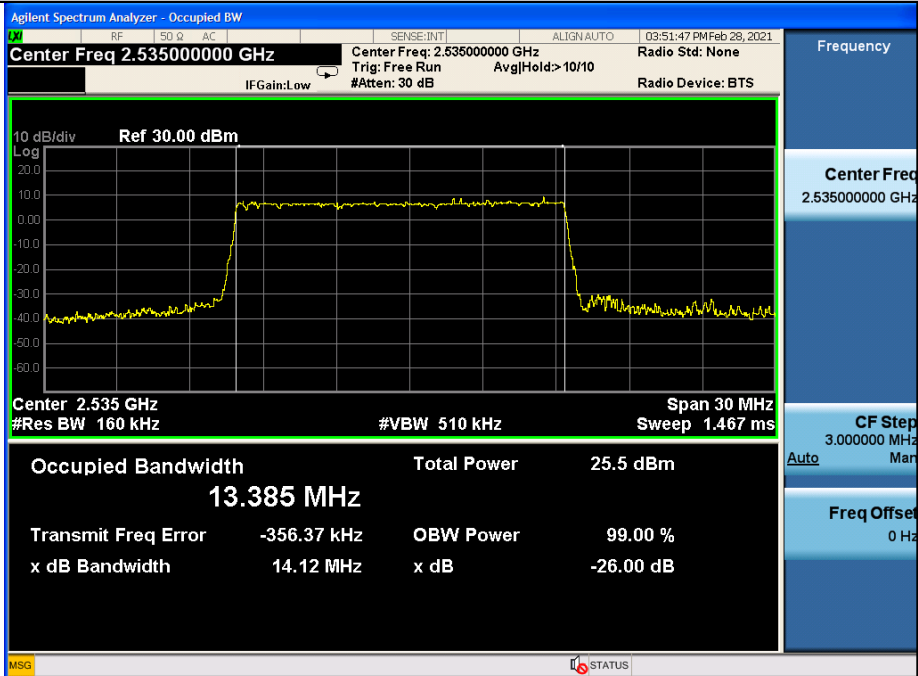
**OBW&EBW N7 15KHz TM2 15MHz 507000 Outer Full**



**OBW&EBW N7 15KHz TM3 15MHz 507000 Outer Full**

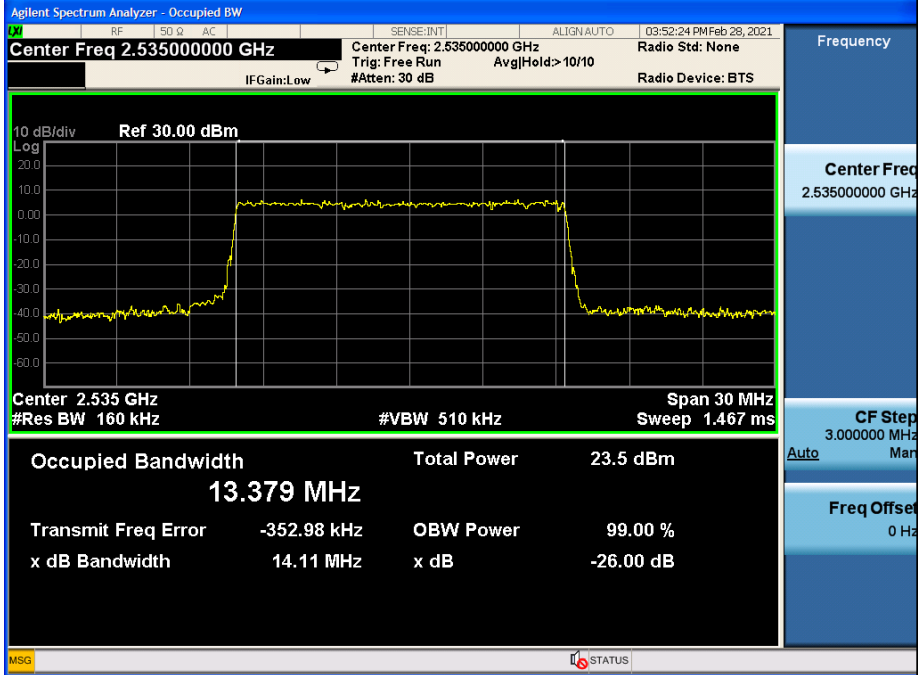


**OBW&EBW N7 15KHz TM4 15MHz 507000 Outer Full**

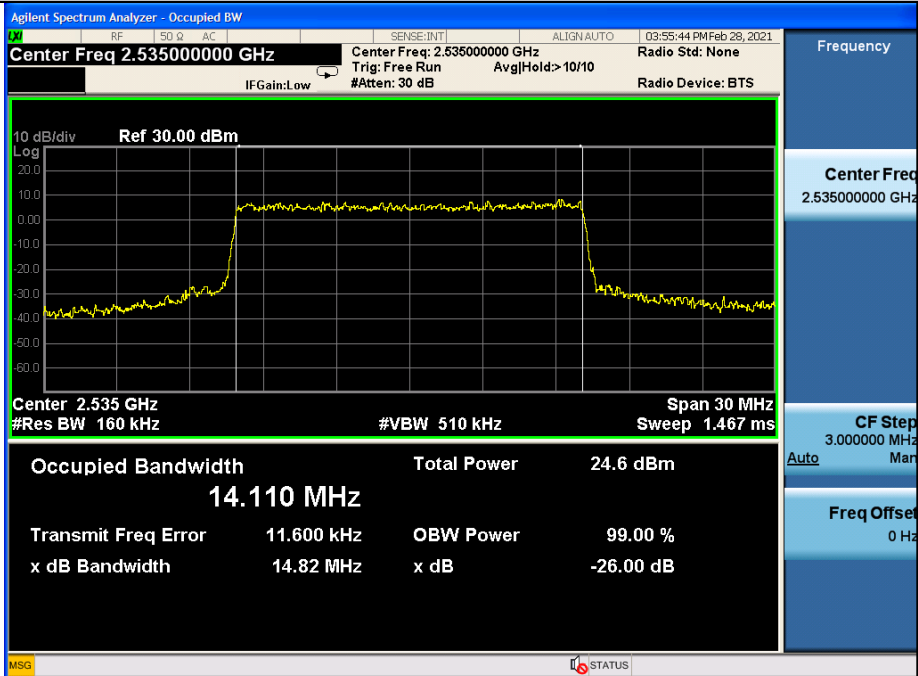


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**OBW&EBW N7 15KHz TM5 15MHz 507000 Outer Full**

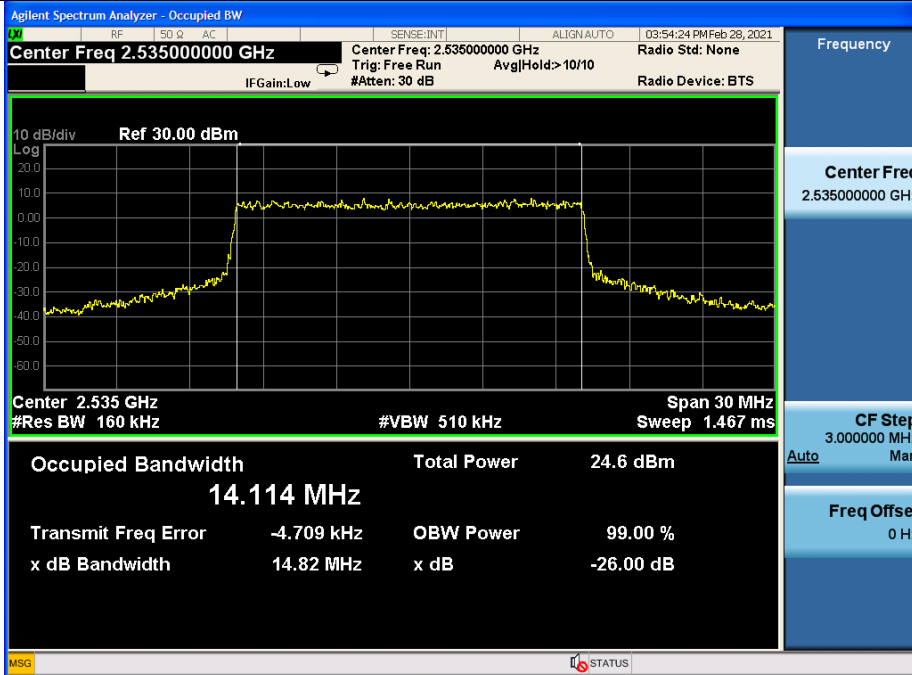


**OBW&EBW N7 15KHz TM6 15MHz 507000 Outer Full**

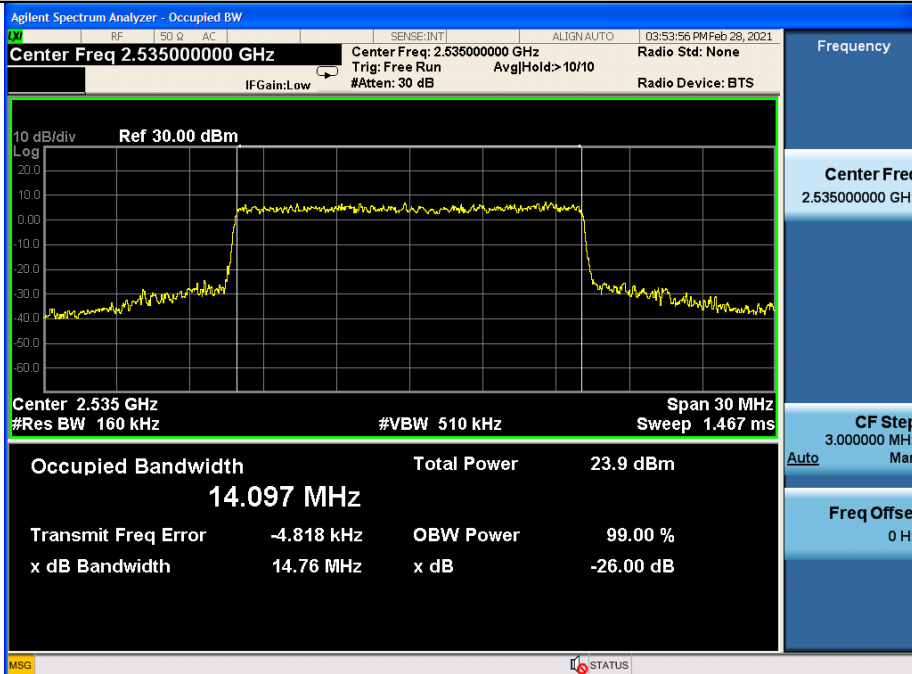


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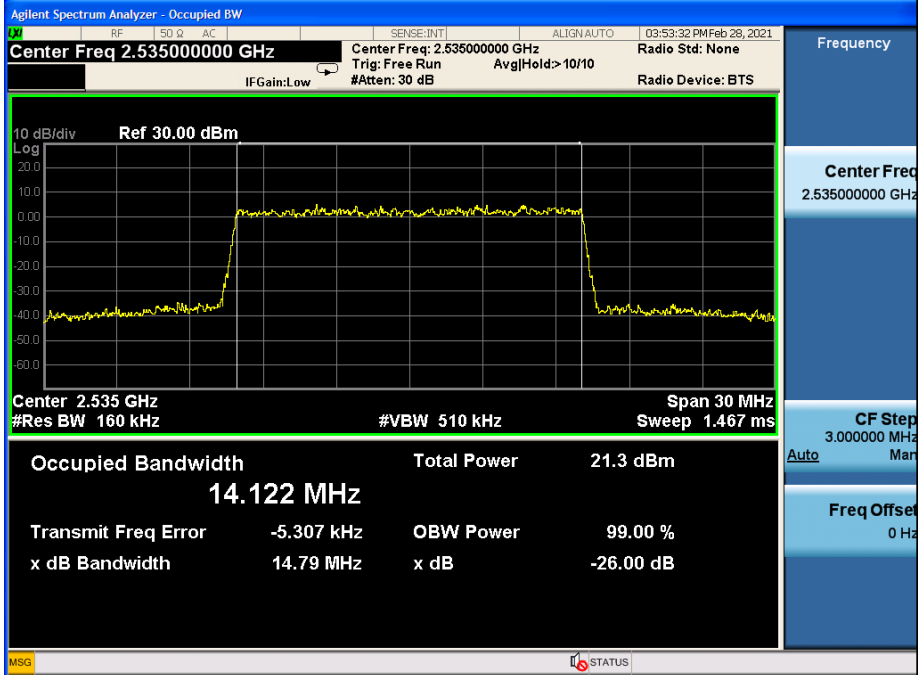
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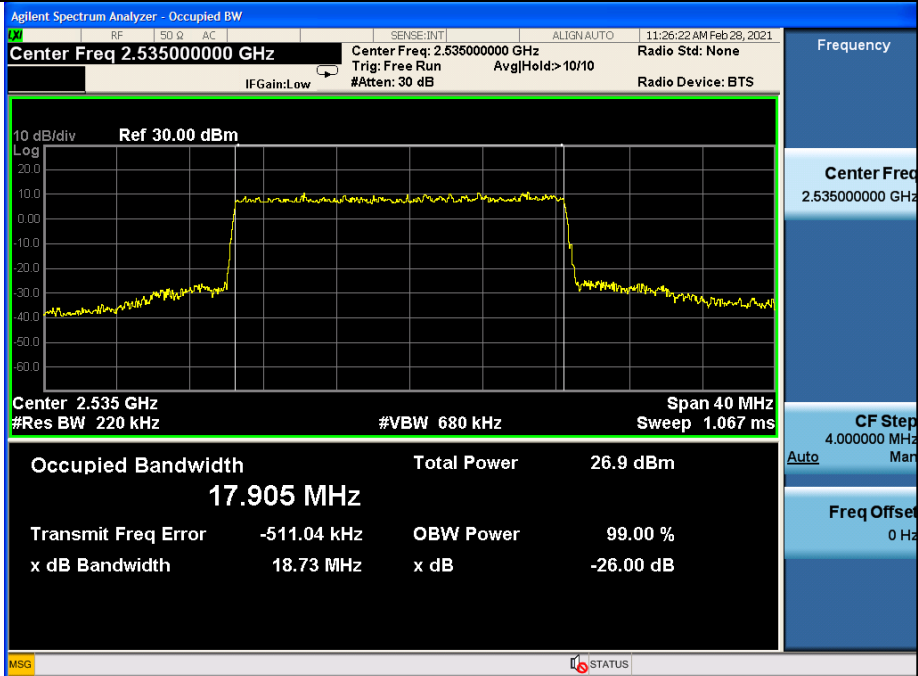
**OBW&EBW N7 15KHz TM8 15MHz 507000 Outer Full**



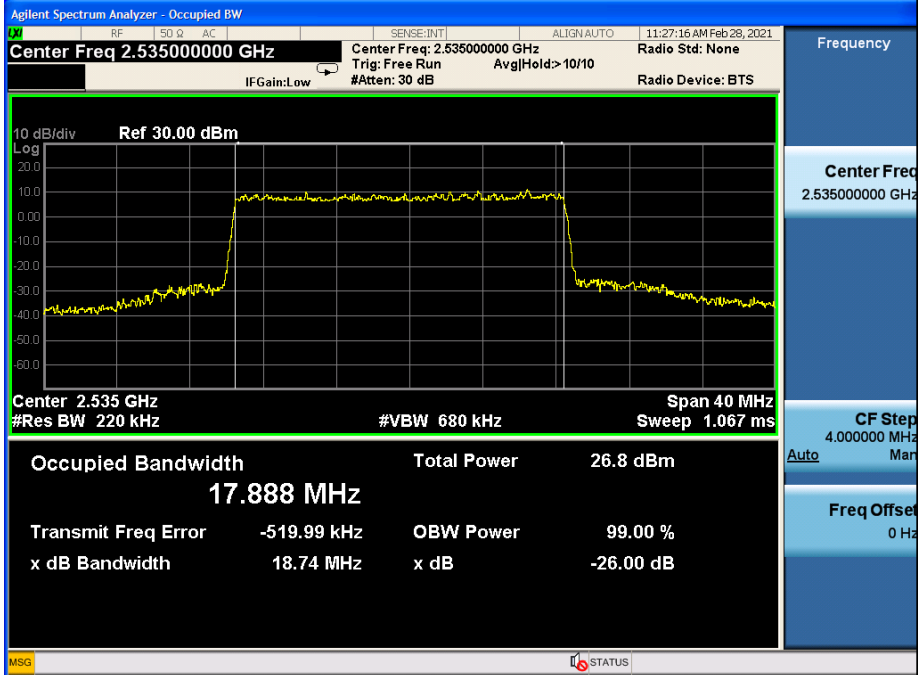
**OBW&EBW N7 15KHz TM9 15MHz 507000 Outer Full**



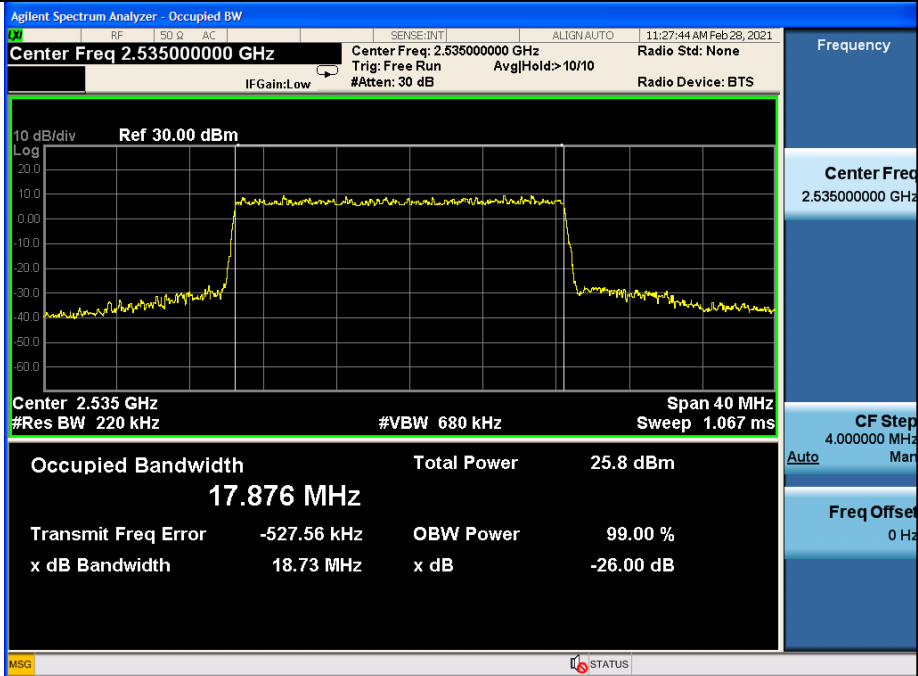
**OBW&EBW N7 15KHz TM1 20MHz 507000 Outer Full**



**OBW&EBW N7 15KHz TM2 20MHz 507000 Outer Full**

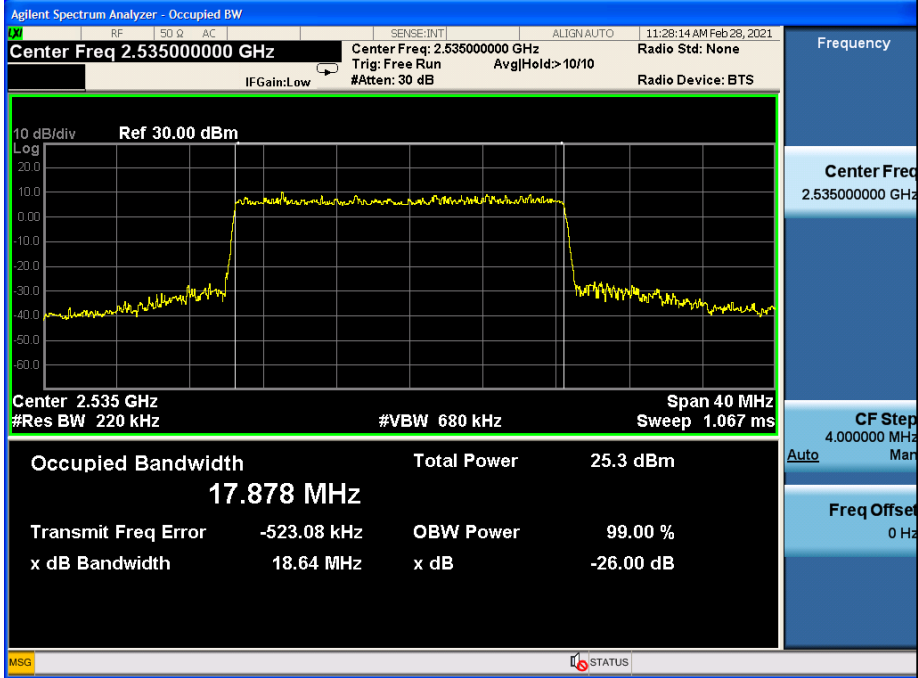


**OBW&EBW N7 15KHz TM3 20MHz 507000 Outer Full**

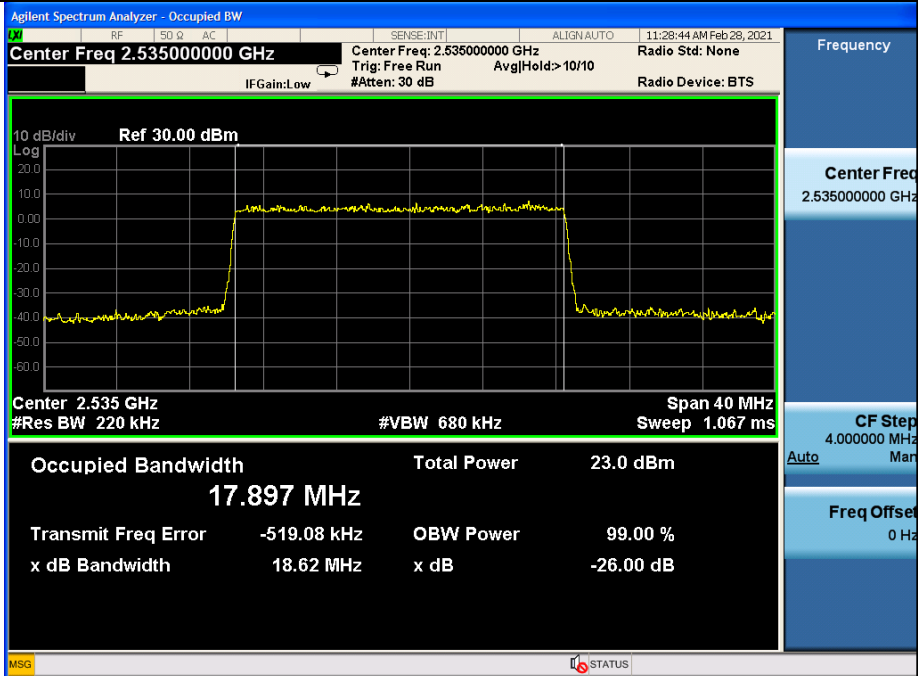


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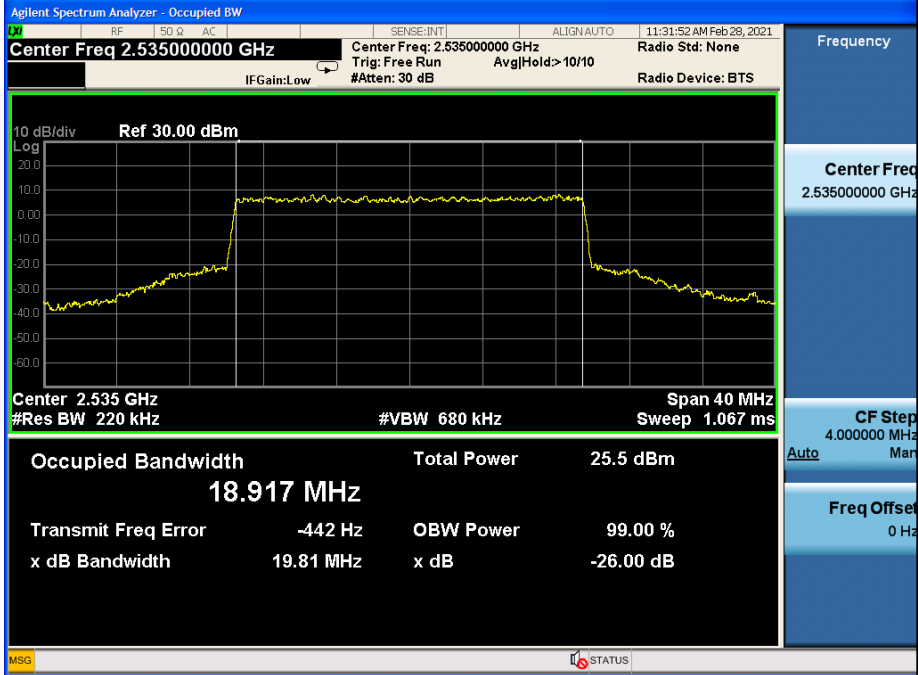
**OBW&EBW N7 15KHz TM4 20MHz 507000 Outer Full**



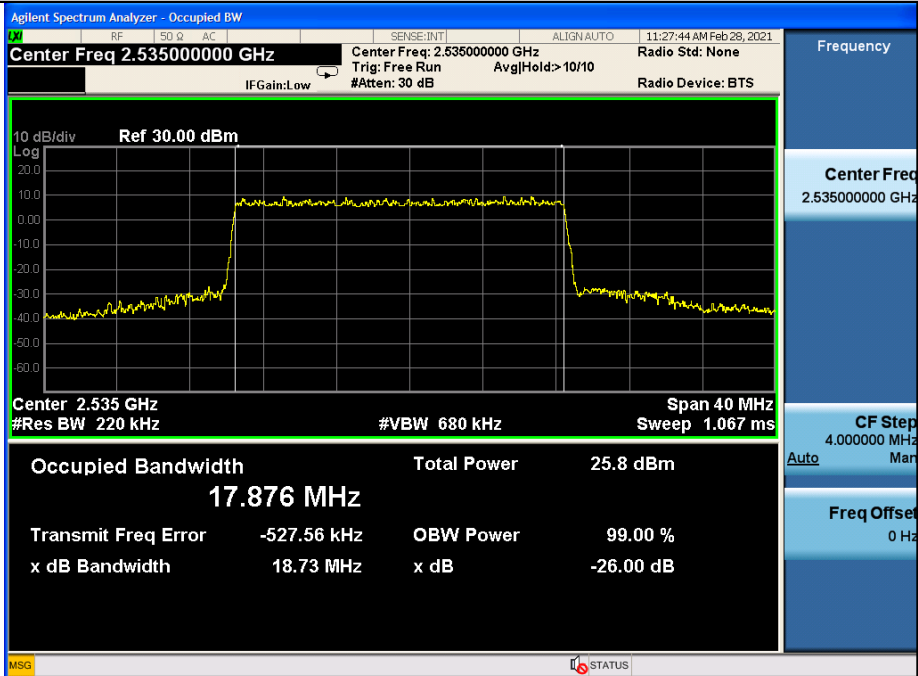
**OBW&EBW N7 15KHz TM5 20MHz 507000 Outer Full**



**OBW&EBW N7 15KHz TM6 20MHz 507000 Outer Full**

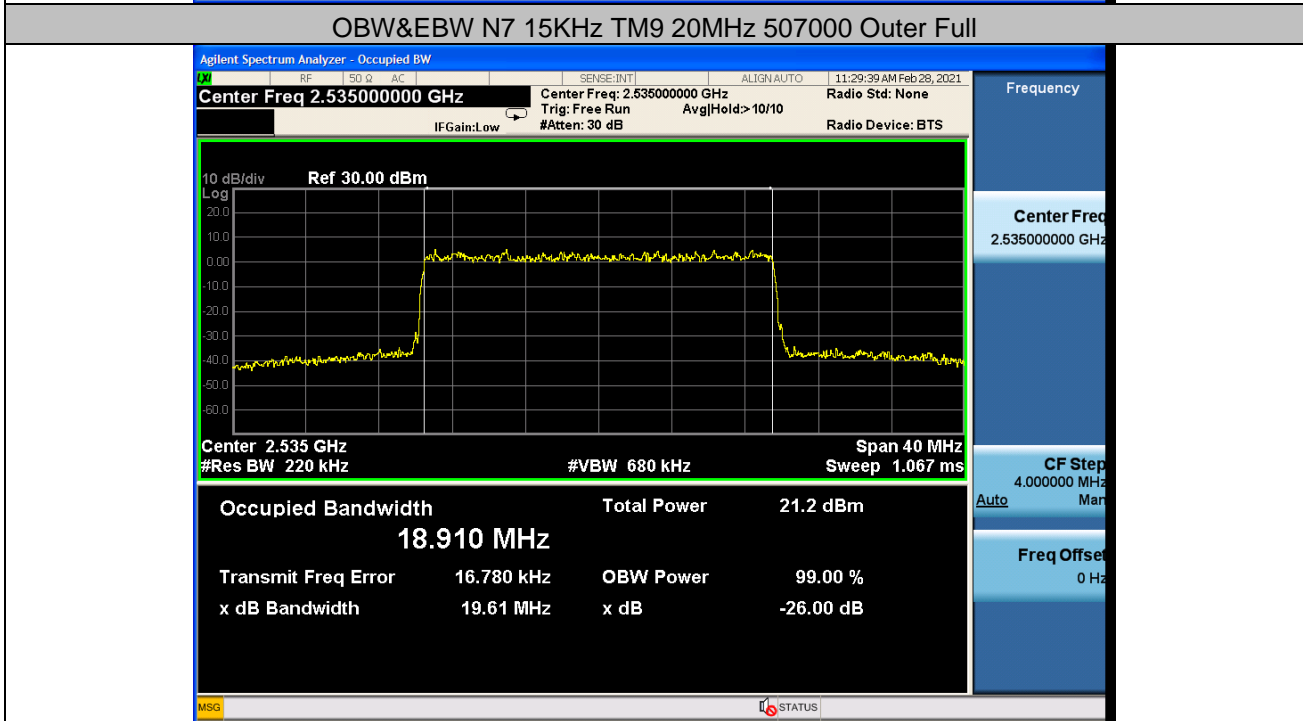
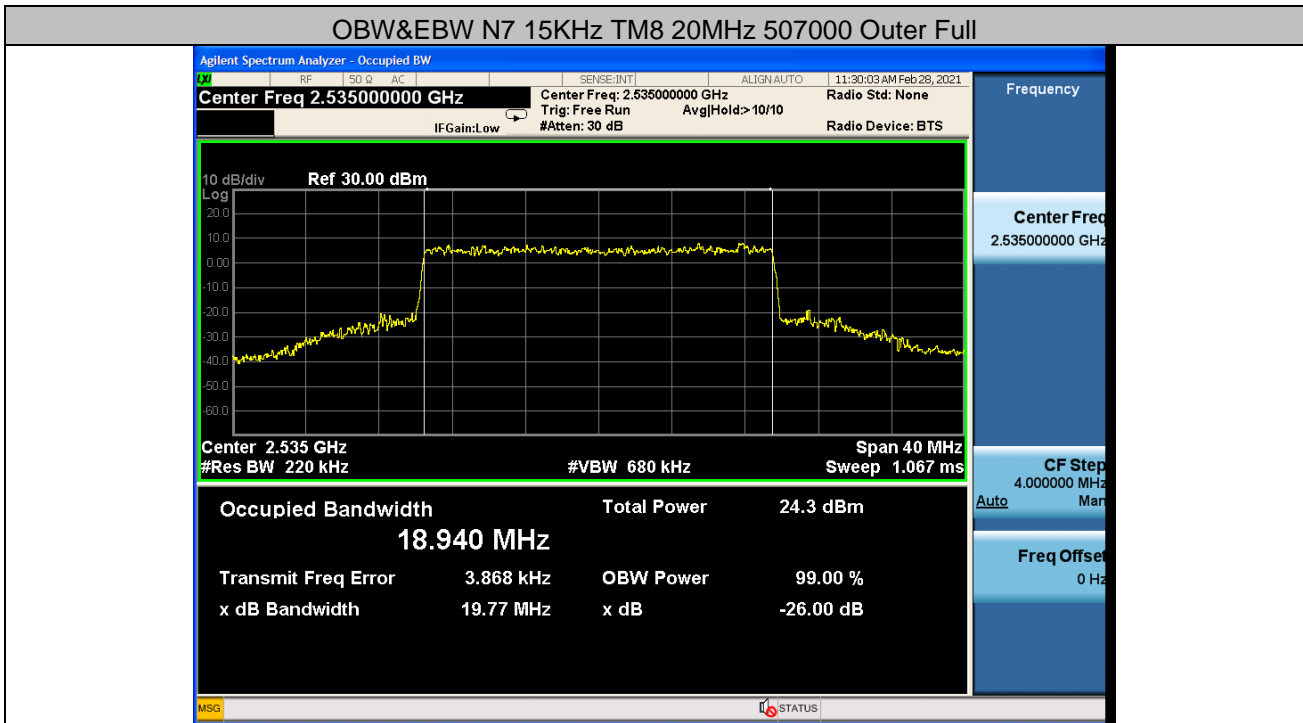


**OBW&EBW N7 15KHz TM7 20MHz 507000 Outer Full**



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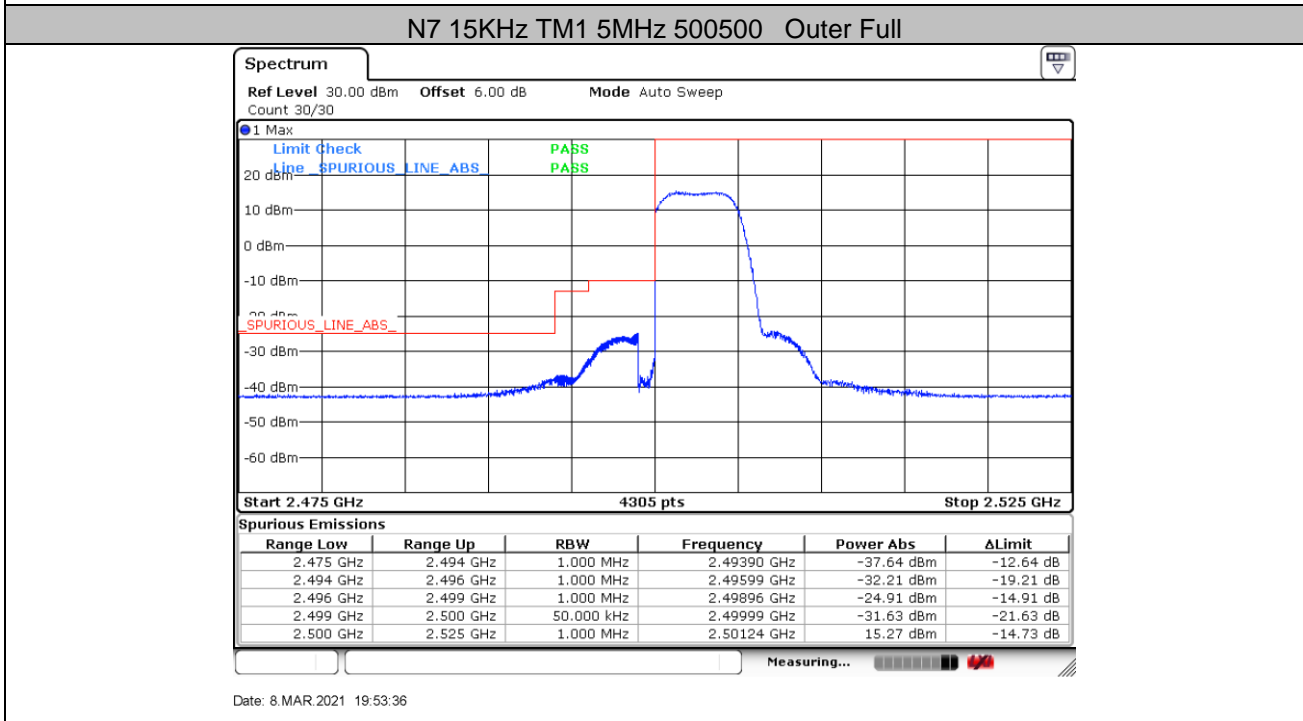
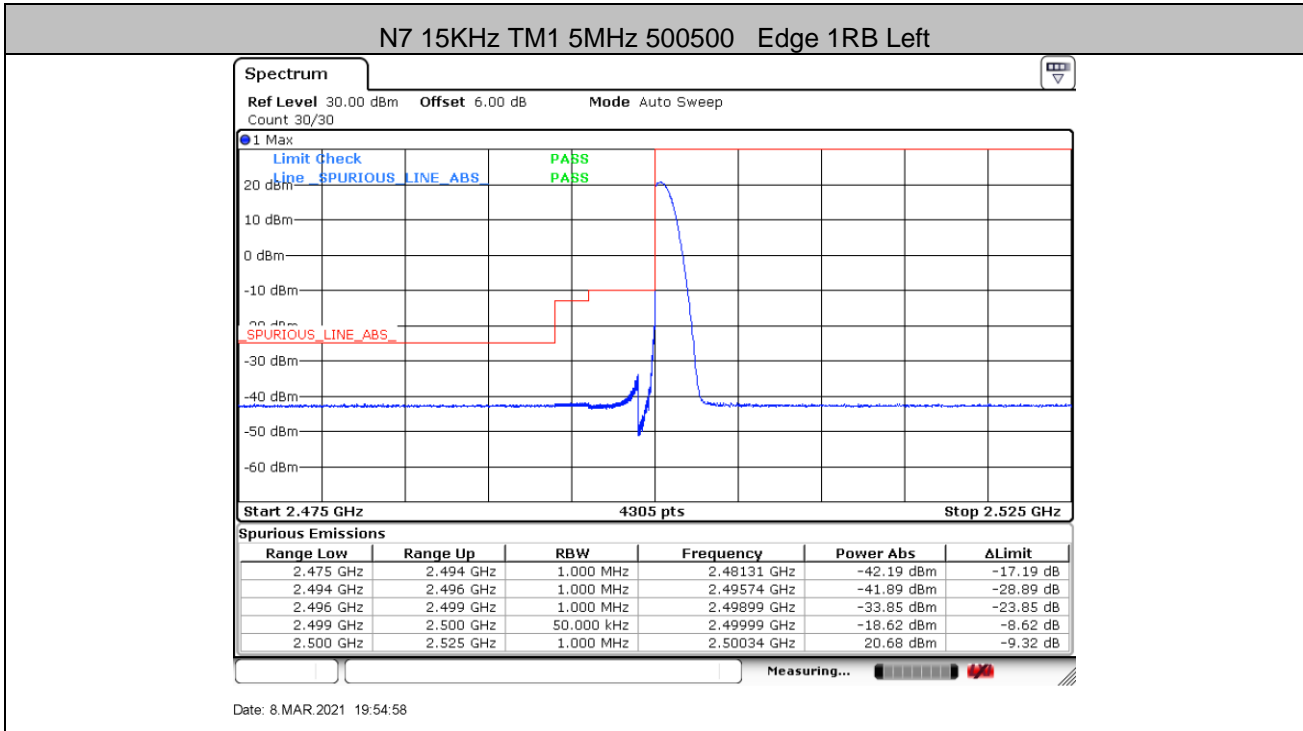
**REMARK:**

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



## 5 Band Edges Compliance

### 5.1 Test Plots

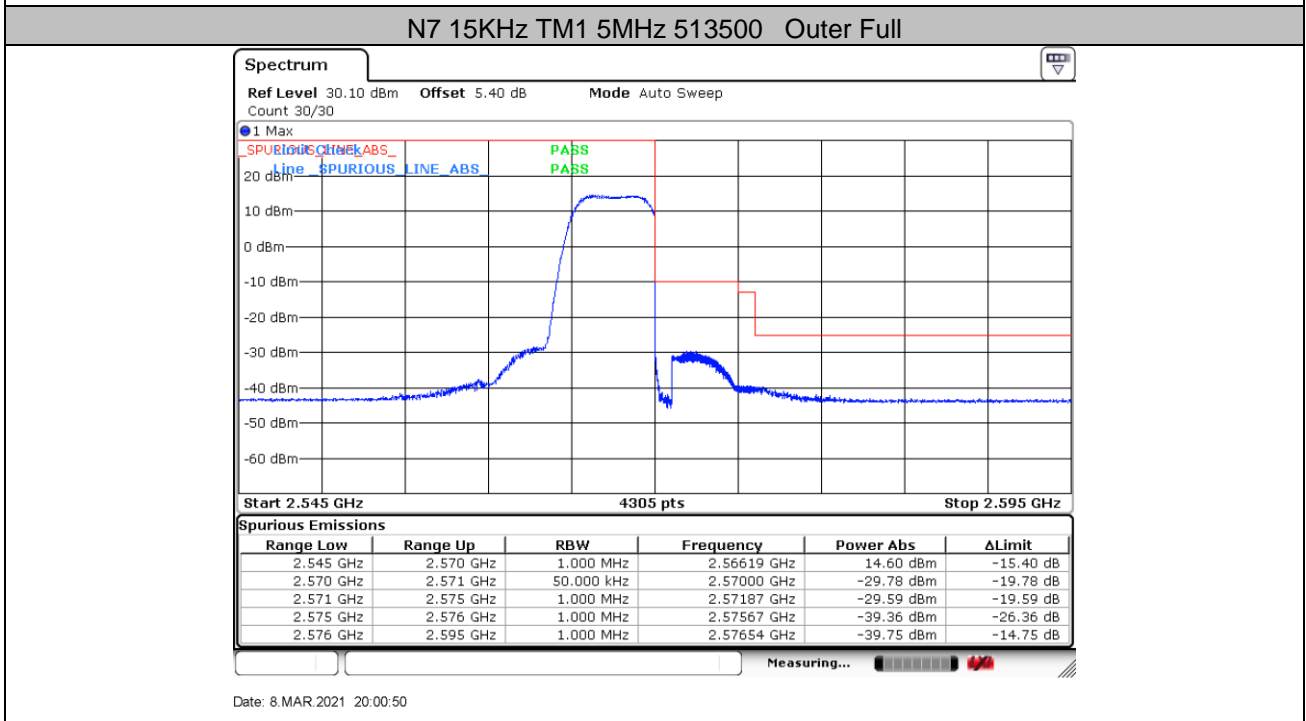
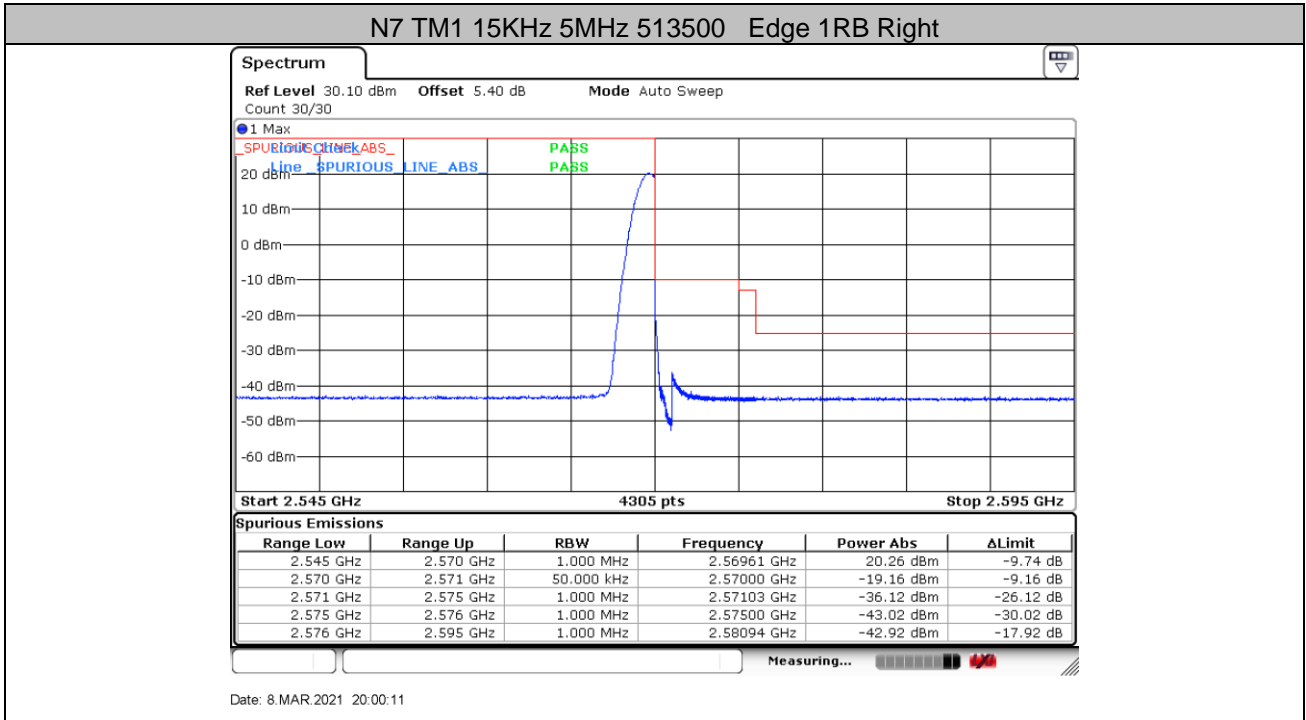


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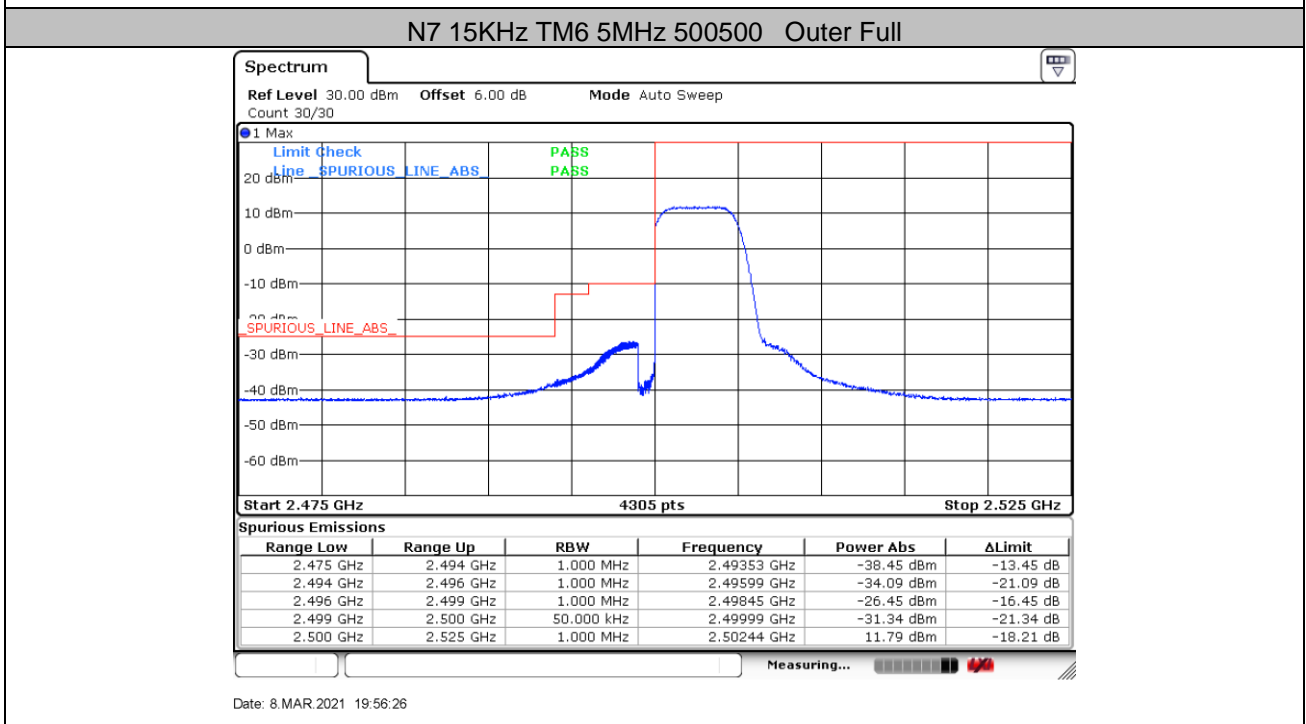
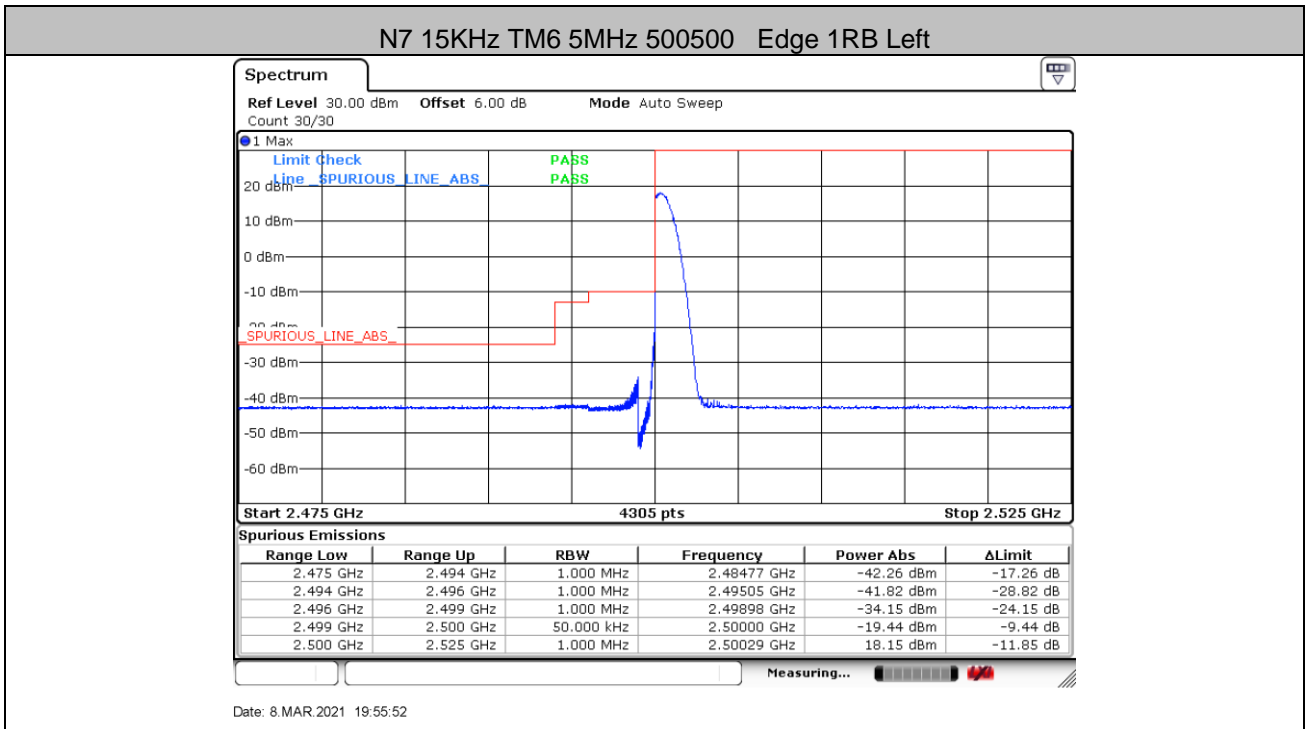
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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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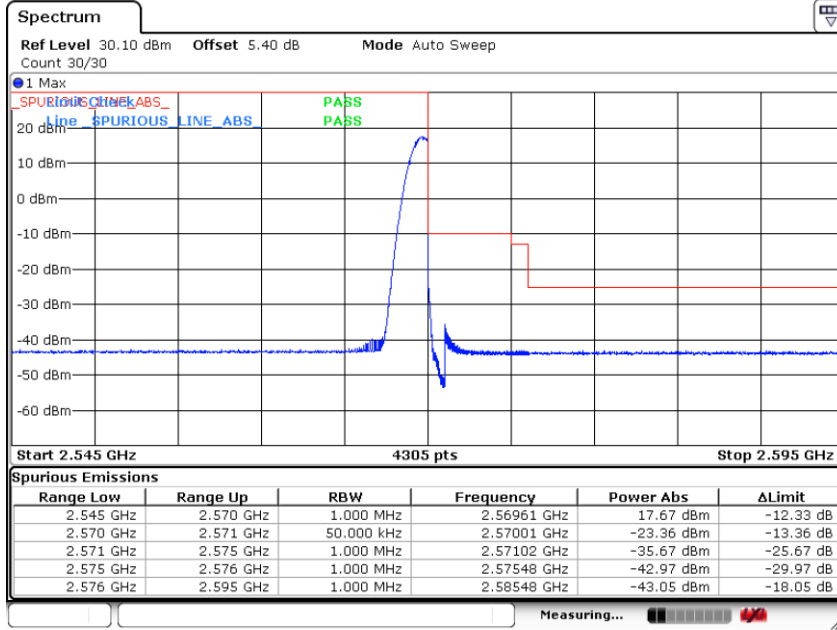
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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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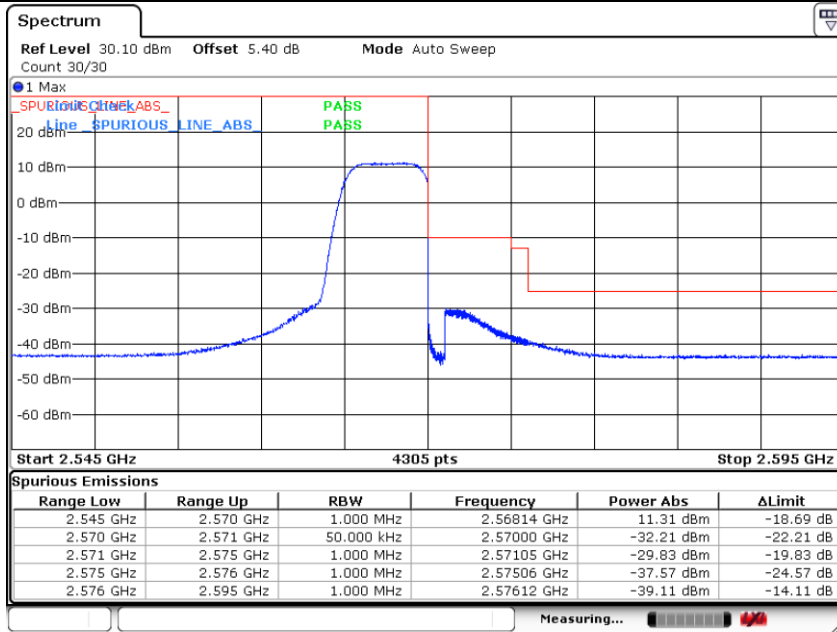
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N7 15KHz TM6 5MHz 513500 Edge 1RB Right



Date: 8.MAR.2021 19:59:26

N7 15KHz TM6 5MHz 513500 Outer Full

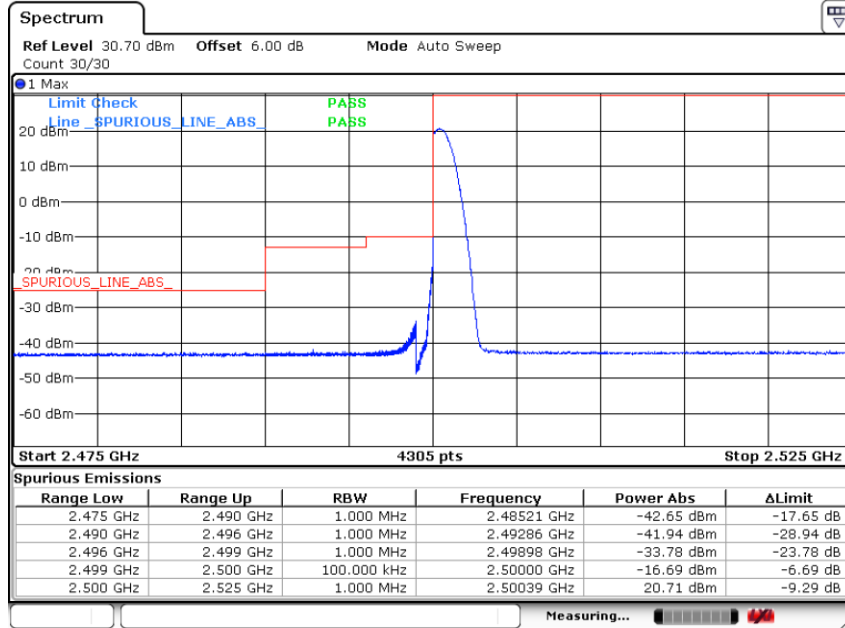


Date: 8.MAR.2021 19:58:49



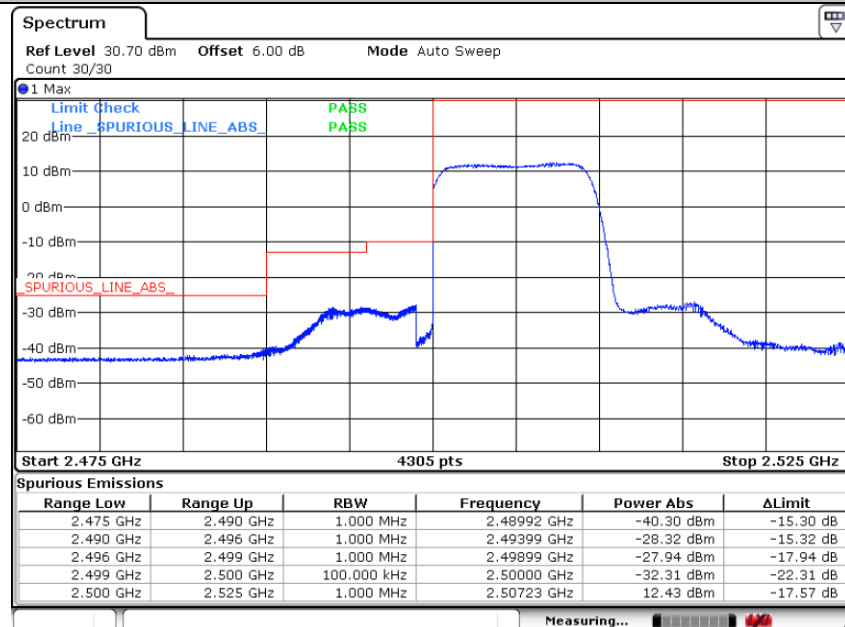
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N7 15KHz TM1 10MHz 501000 Edge 1RB Left



Date: 8.MAR.2021 20:08:42

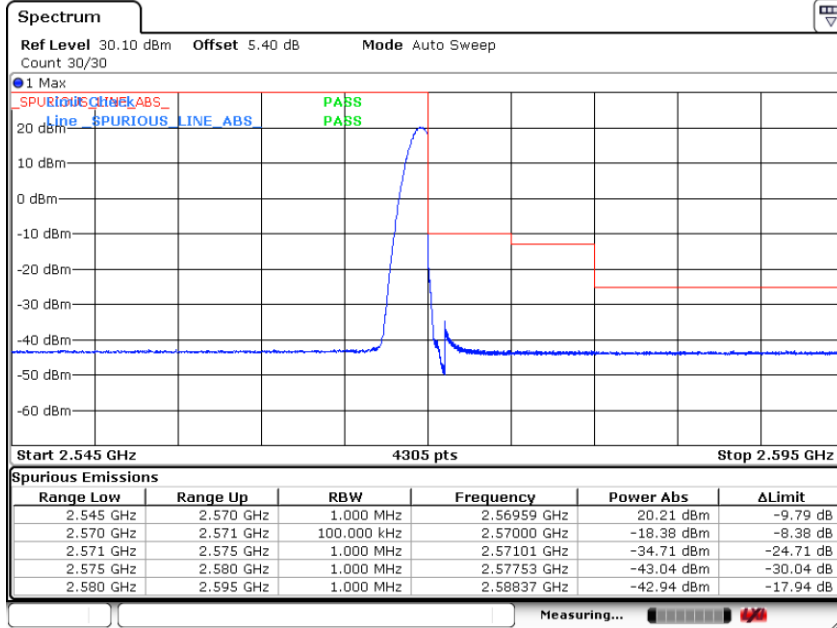
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Date: 8.MAR.2021 20:09:13

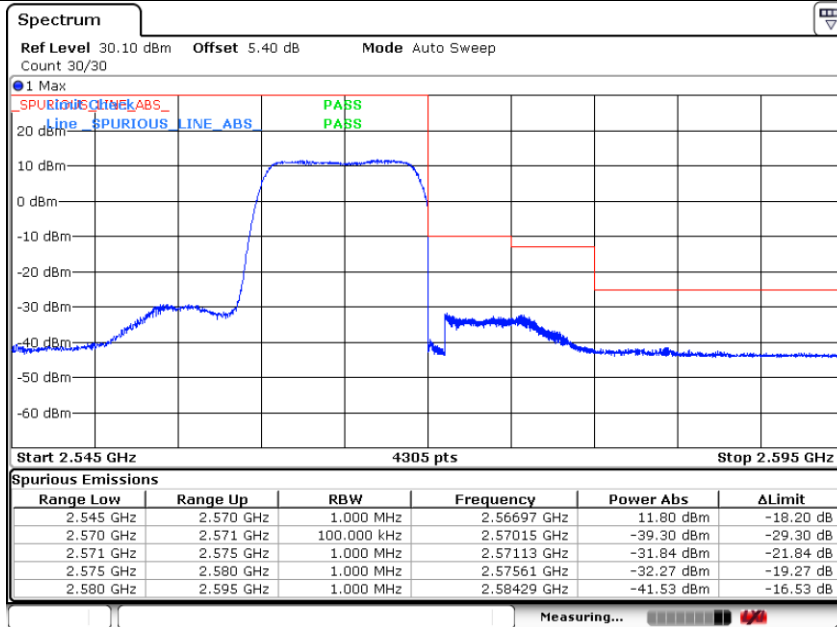


N7 15KHz TM1 10MHz 513000 Edge 1RB Right



Date: 8.MAR.2021 20:57:03

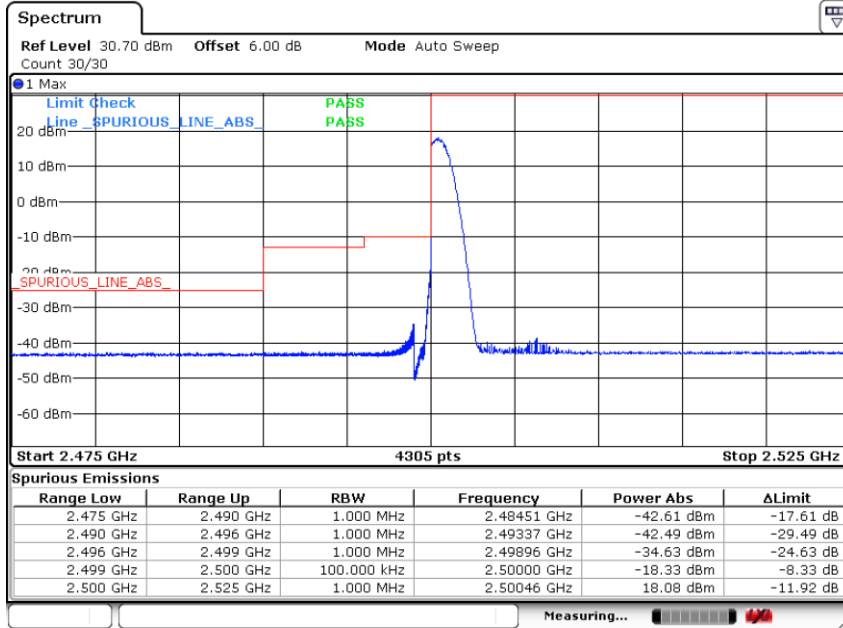
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Date: 8.MAR.2021 20:57:44

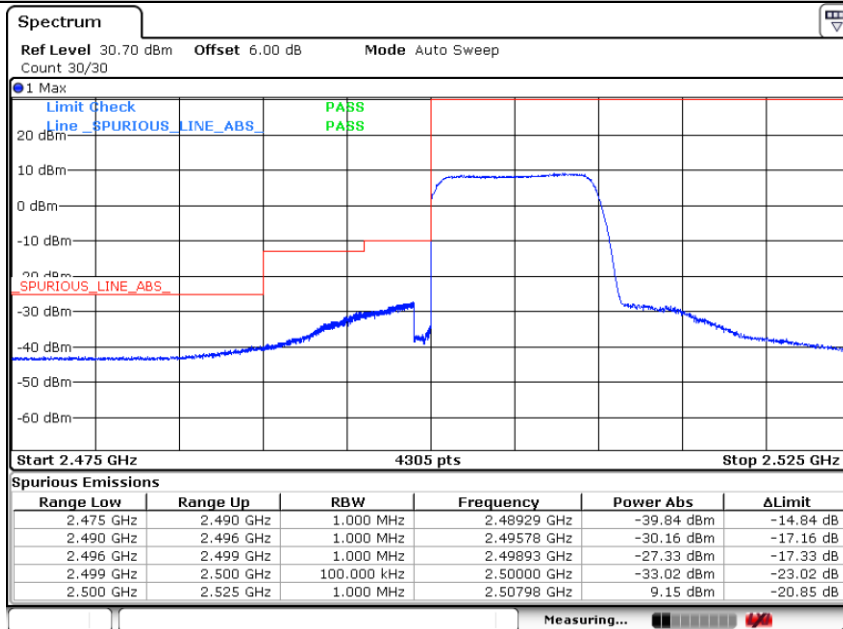


N7 15KHz TM6 10MHz 501000 Edge 1RB Left



Date: 8.MAR.2021 20:07:14

N7 15KHz TM6 10MHz 501000 Outer Full



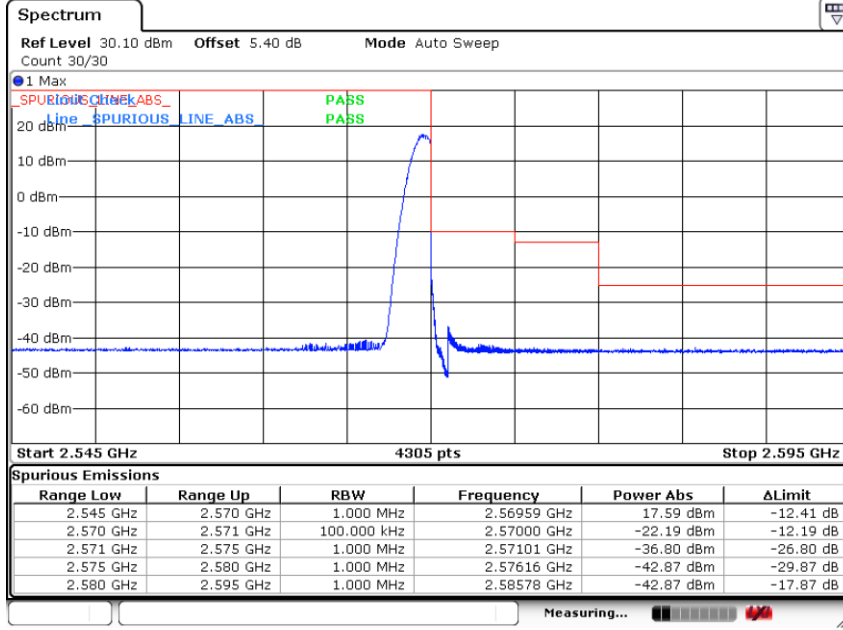
Date: 8.MAR.2021 20:06:36



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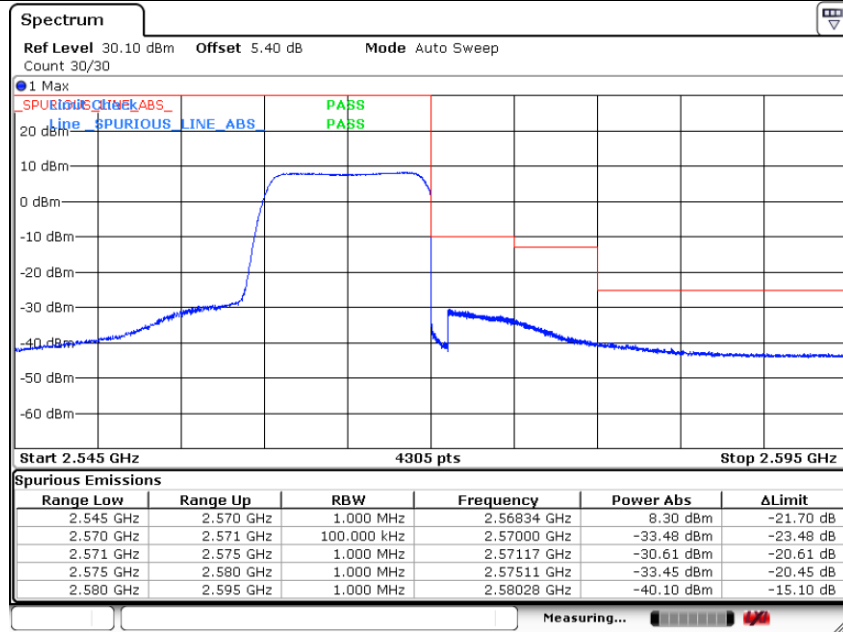


N7 15KHz TM6 10MHz 513000 Edge 1RB Right



Date: 8.MAR.2021 20:56:14

N7 15KHz TM6 10MHz 513000 Outer Full

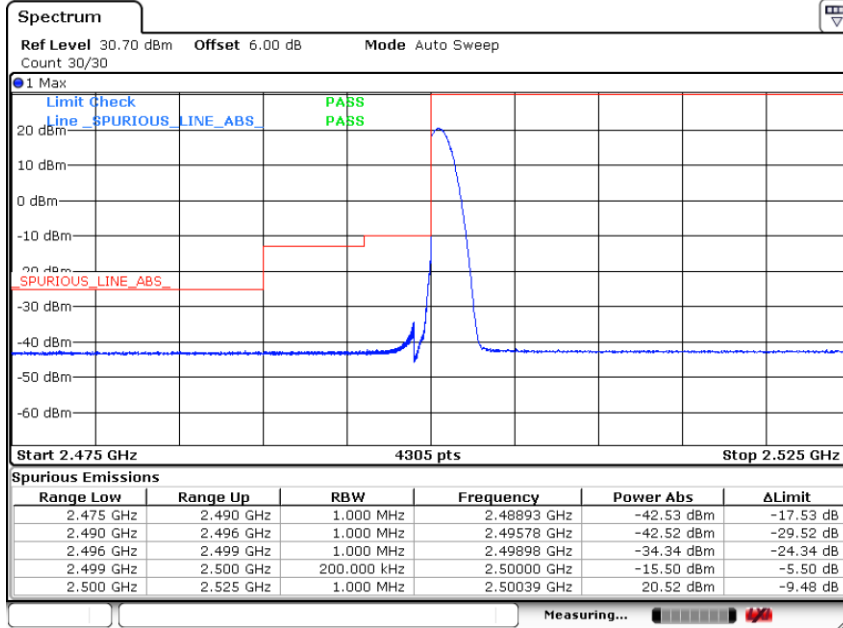


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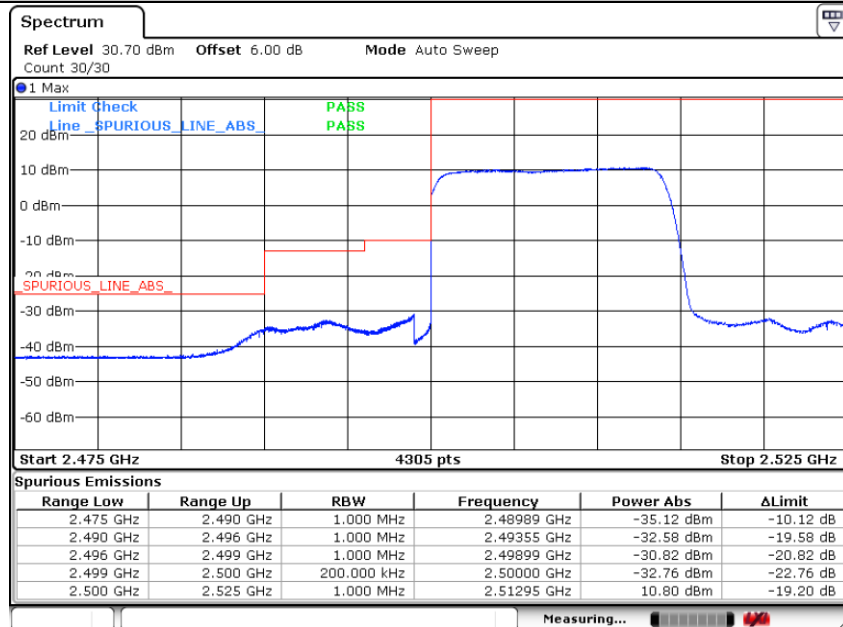
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**N7 15KHz TM1 15MHz 501500 Edge 1RB Left**



Date: 8.MAR.2021 20:04:18

**N7 15KHz TM1 15MHz 501500 Outer Full**



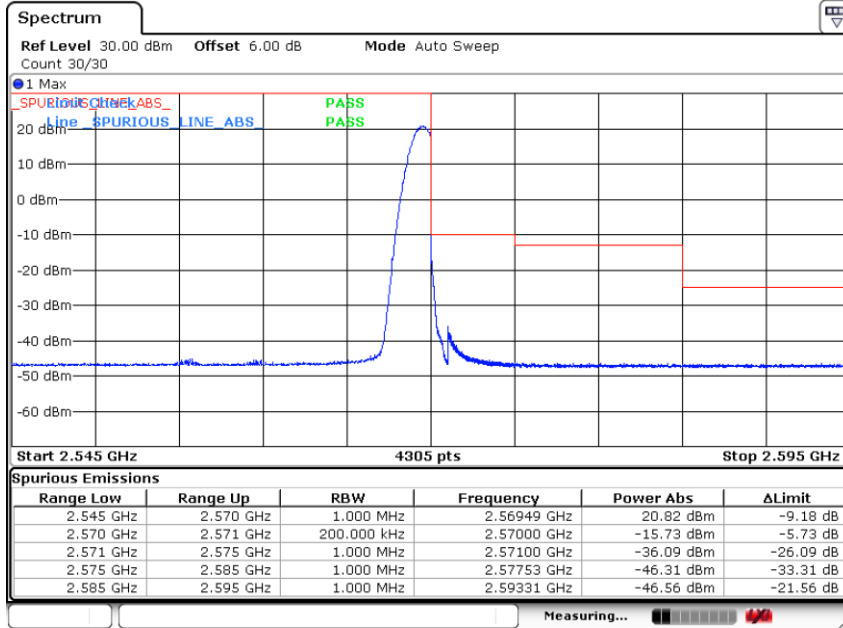
Date: 8.MAR.2021 20:03:17



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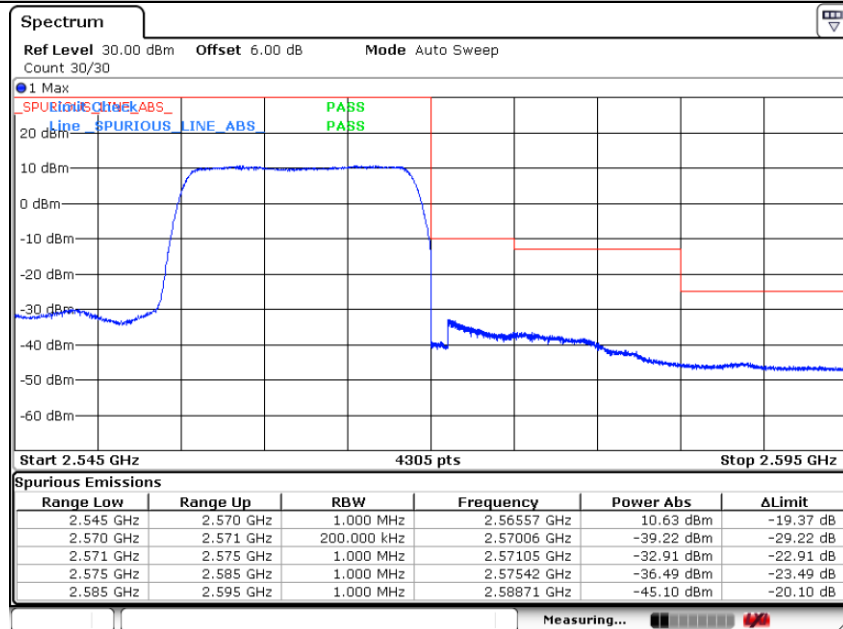
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N7 15KHz TM1 15MHz 512500 Edge 1RB Right



Date: 8.MAR.2021 20:19:15

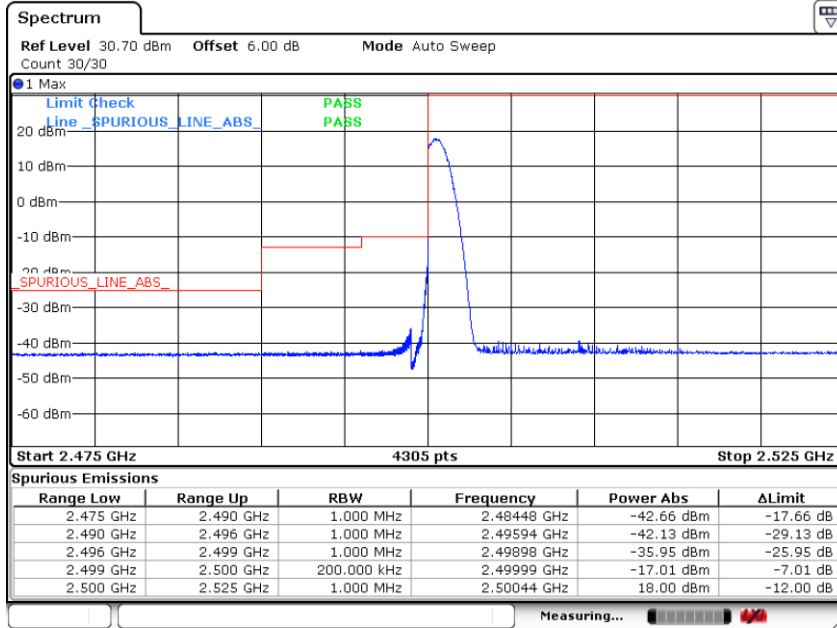
N7 15KHz TM1 15MHz 512500 Outer Full



Date: 8.MAR.2021 20:18:36

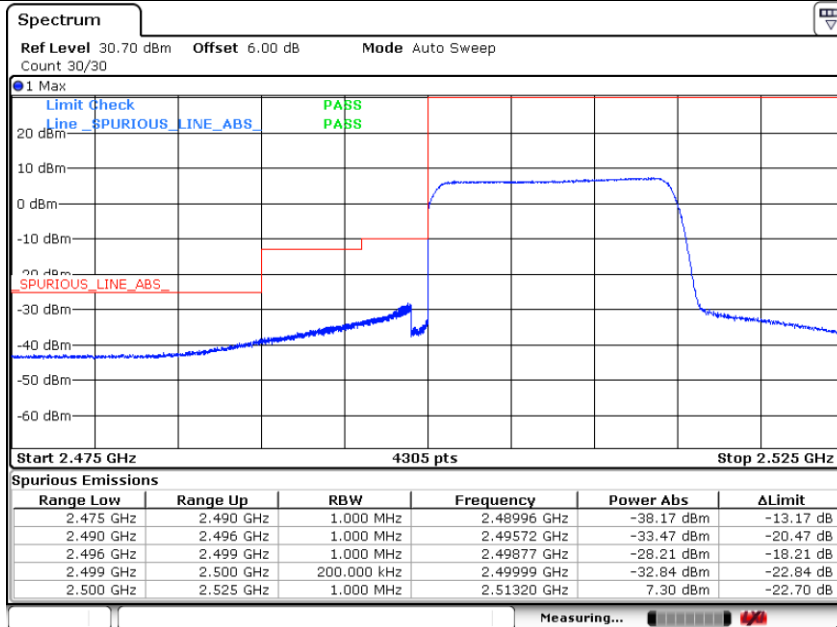


**N7 15KHz TM6 15MHz 501500 Edge 1RB Left**



Date: 8.MAR.2021 20:05:14

**N7 15KHz TM6 15MHz 501500 Outer Full**

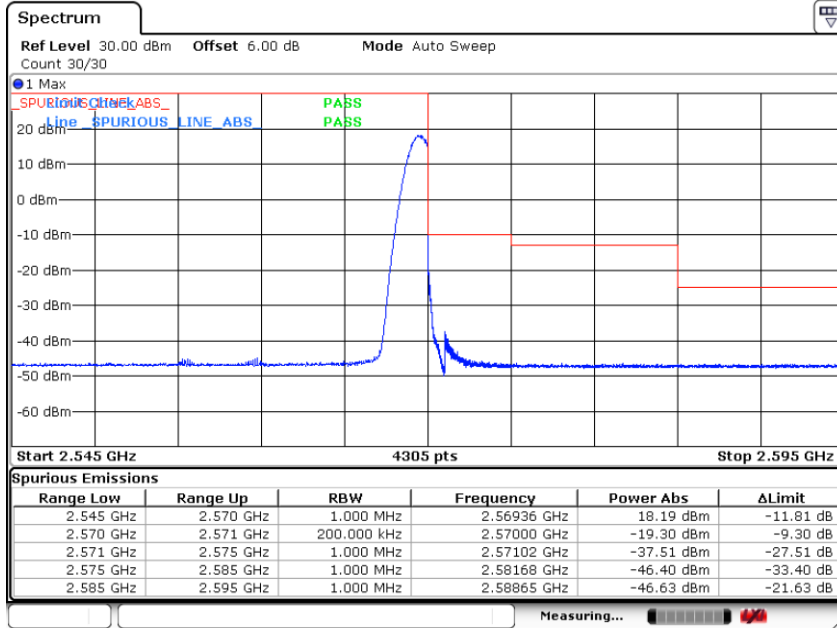


Date: 8.MAR.2021 20:05:39



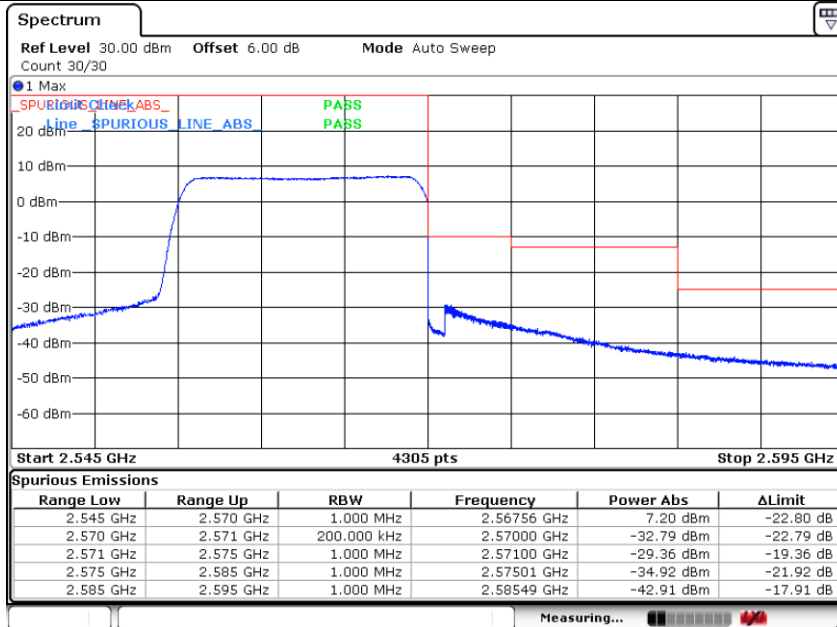
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N7 15KHz TM6 15MHz 512500 Edge 1RB Right



Date: 8.MAR.2021 20:19:58

N7 15KHz TM6 15MHz 512500 Outer Full

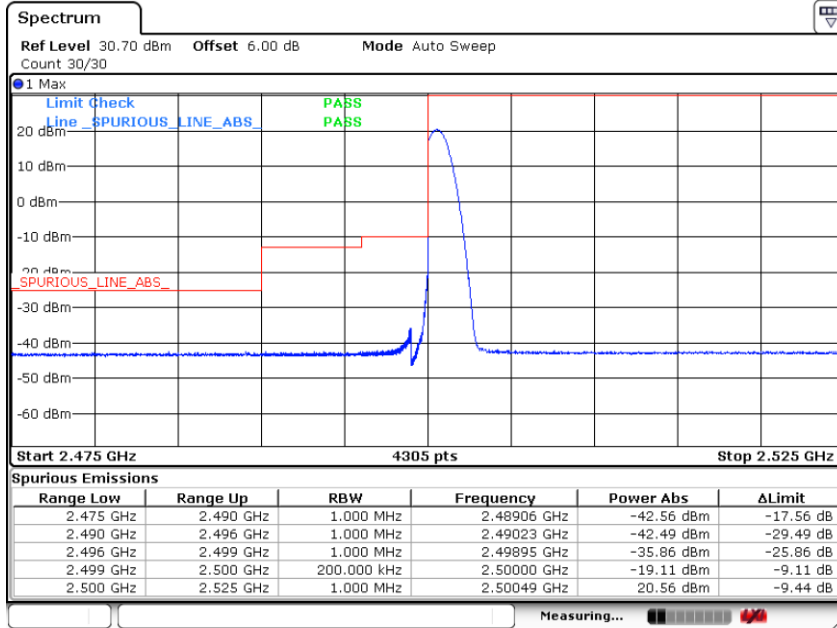


Date: 8.MAR.2021 20:20:46



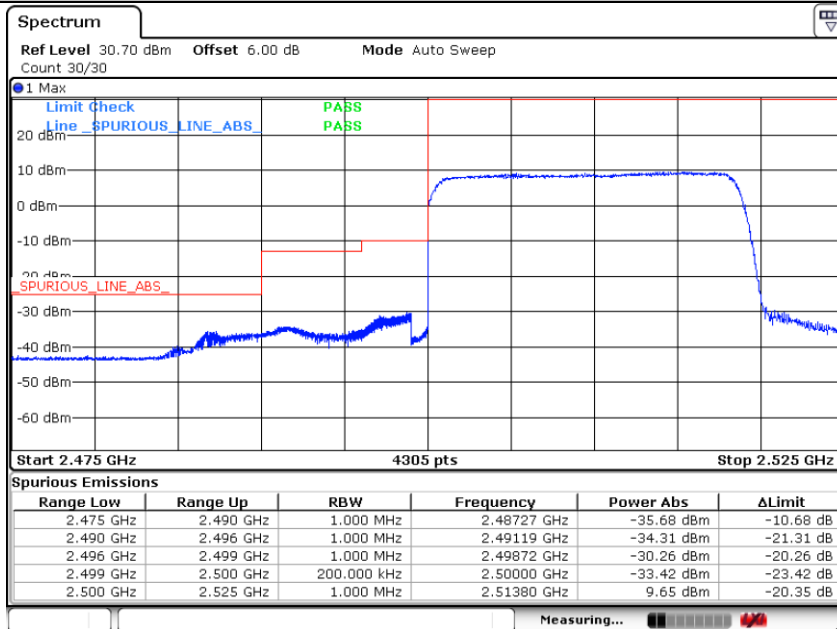
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**N7 15KHz TM1 20MHz 502000 Edge 1RB Left**



Date: 8.MAR.2021 20:10:54

**N7 15KHz TM1 20MHz 502000 Outer Full**

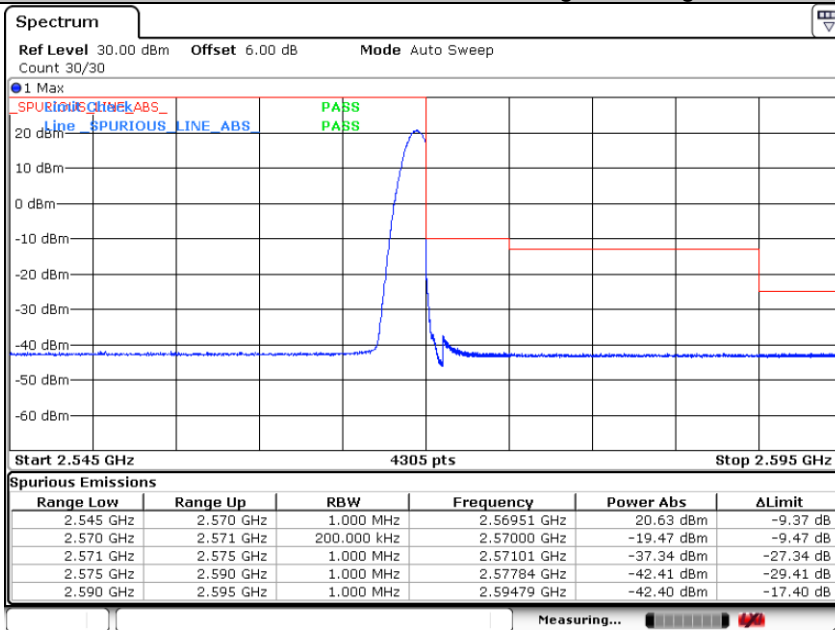


Date: 8.MAR.2021 20:10:21



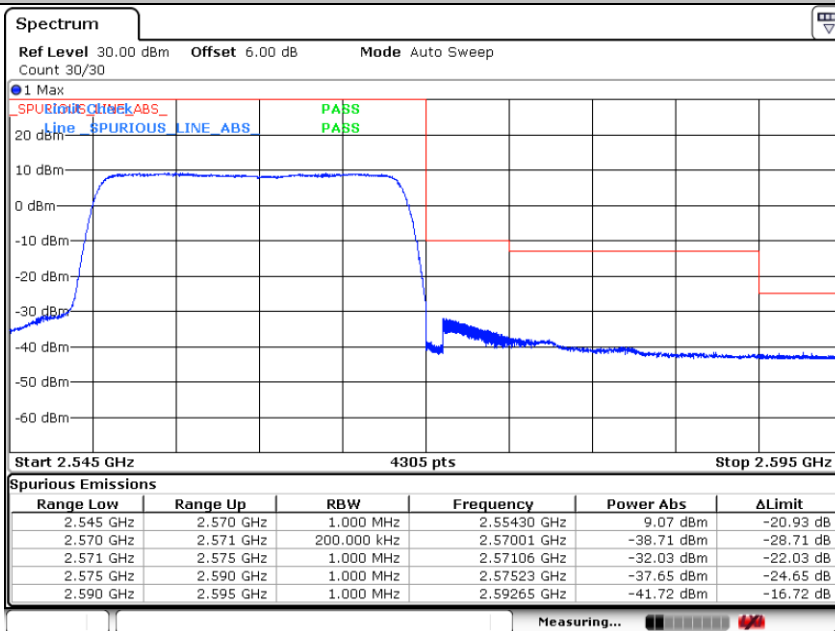
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N7 15KHz TM1 20MHz 512000 Edge 1RB Right



Date: 8.MAR.2021 20:16:12

N7 15KHz TM1 20MHz 512000 Outer Full

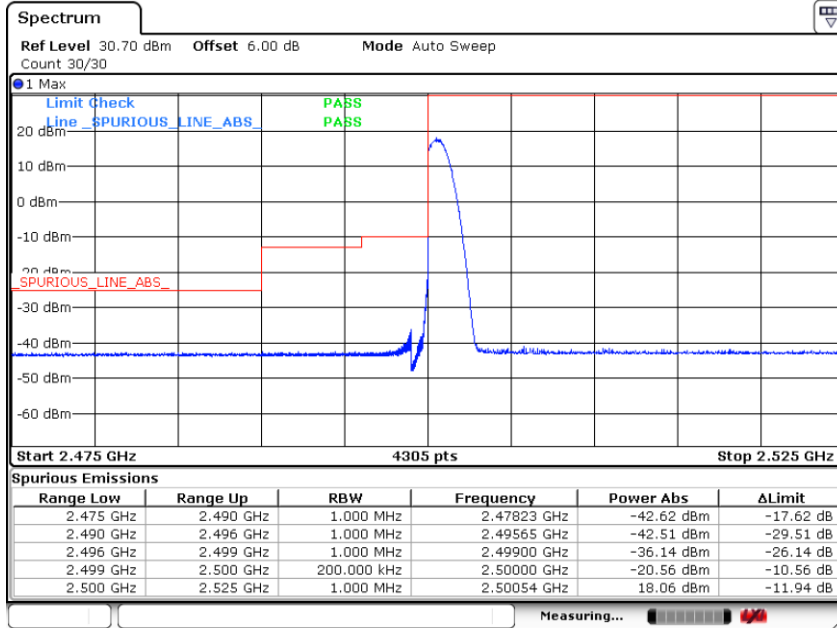


Date: 8.MAR.2021 20:16:45



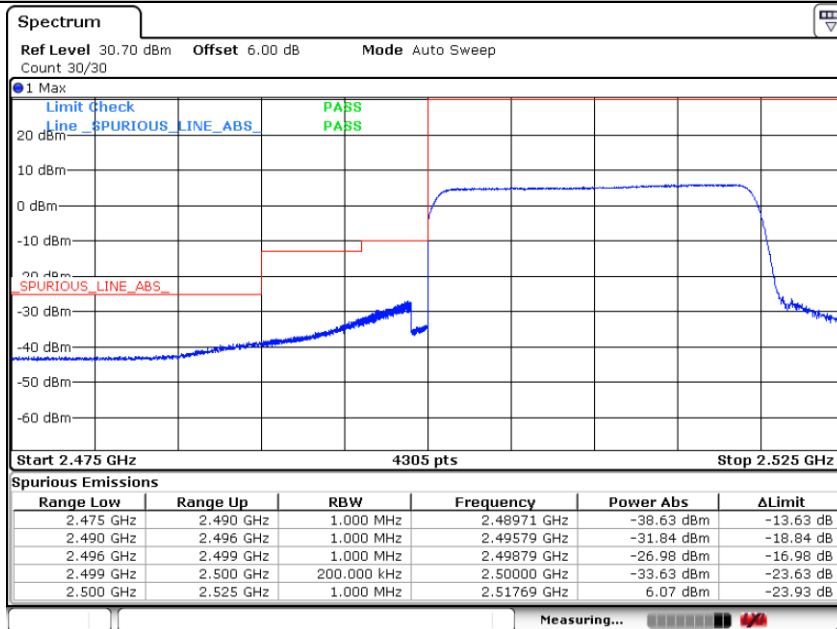
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**N7 15KHz TM6 20MHz 502000 Edge 1RB Left**



Date: 8.MAR.2021 20:12:04

**N7 15KHz TM6 20MHz 502000 Outer Full**



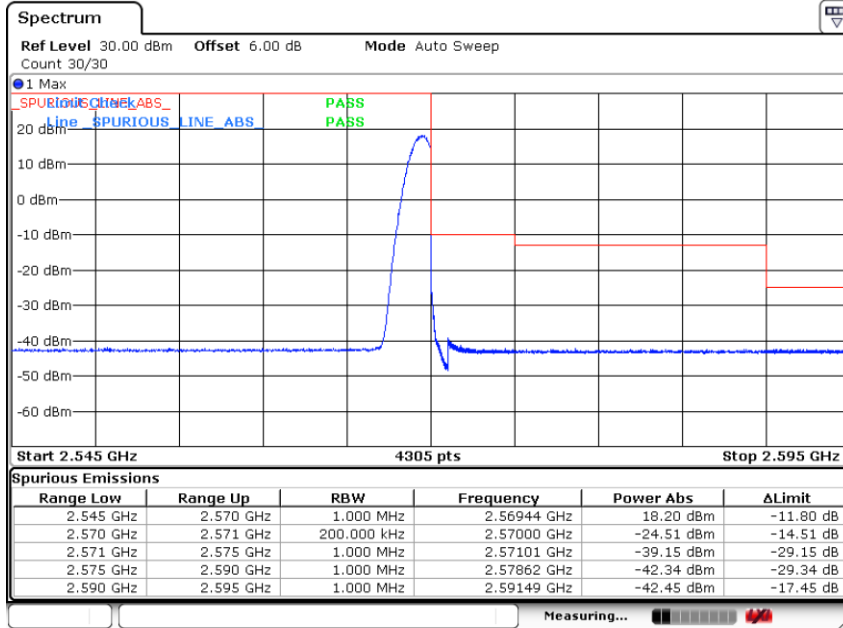
Date: 8.MAR.2021 20:12:29



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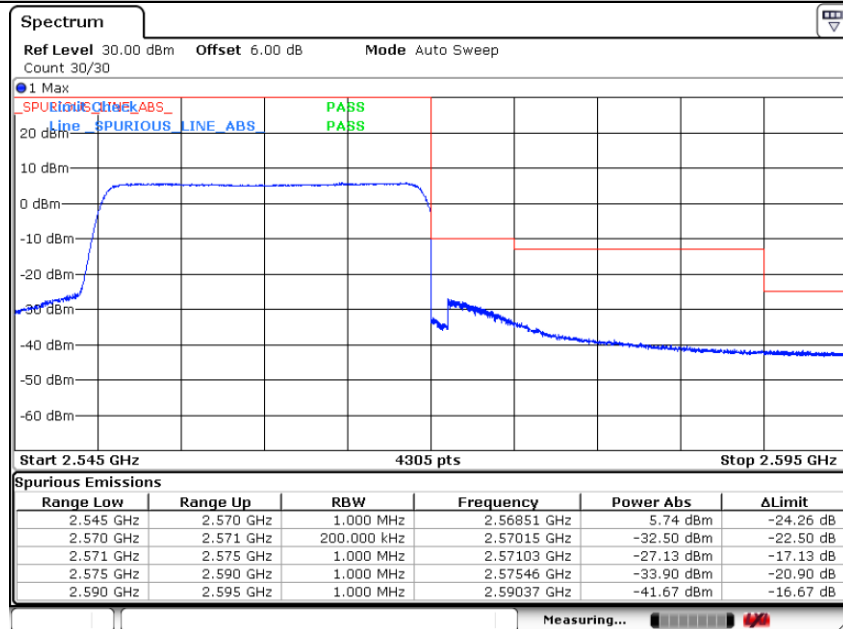


N7 15KHz TM6 20MHz 512000 Edge 1RB Right



Date: 8.MAR.2021 20:14:39

N7 15KHz TM6 20MHz 512000 Outer Full



Date: 8.MAR.2021 20:14:14

REMARK:

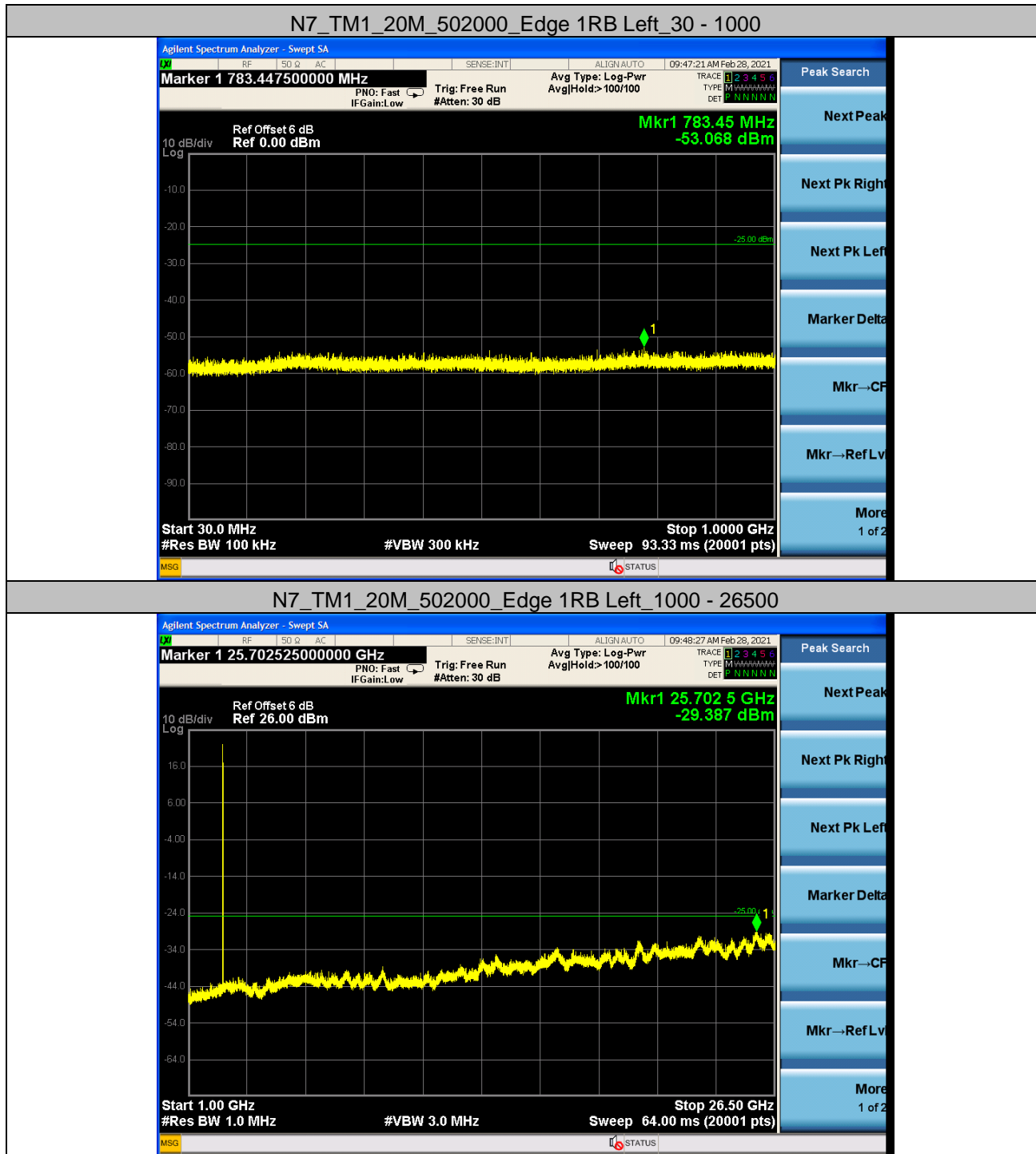
All antenna and all modulation had been tested, but only the worst case data displayed in this report.



## 6 Spurious Emission at Antenna Terminal

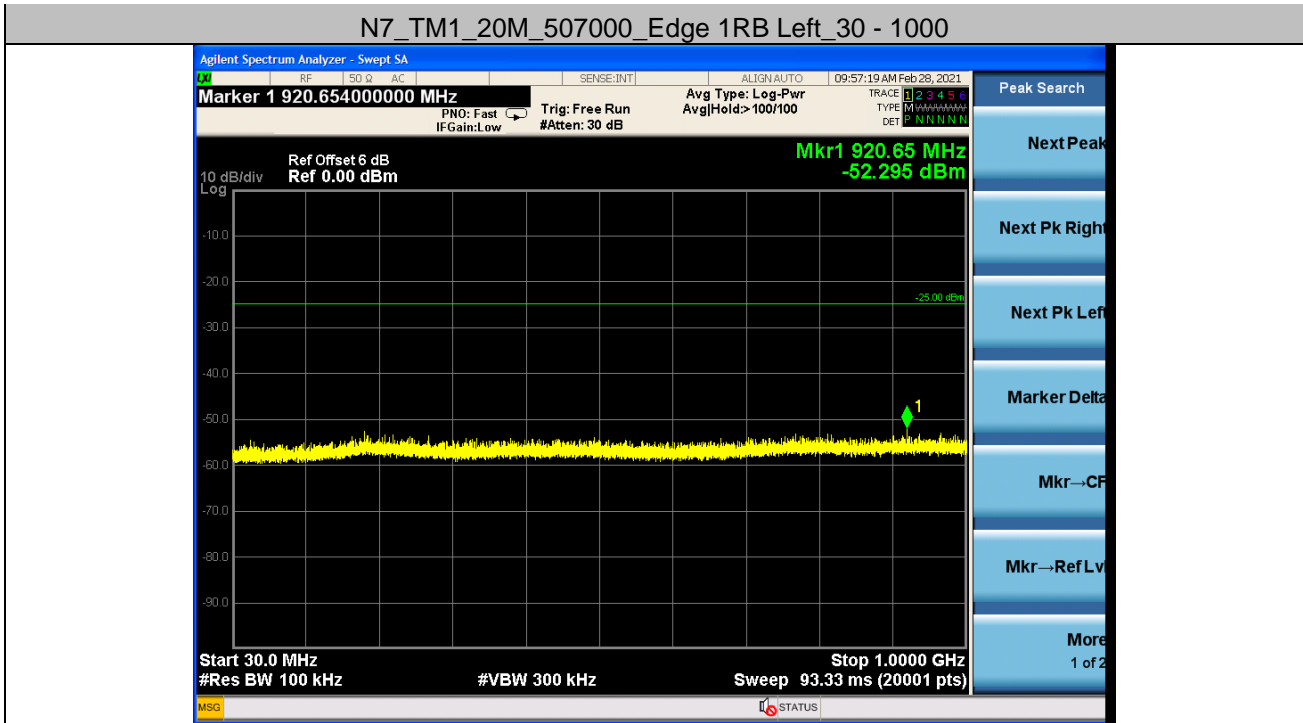
REMARK: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrow Band signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

### 6.1 Test Plots

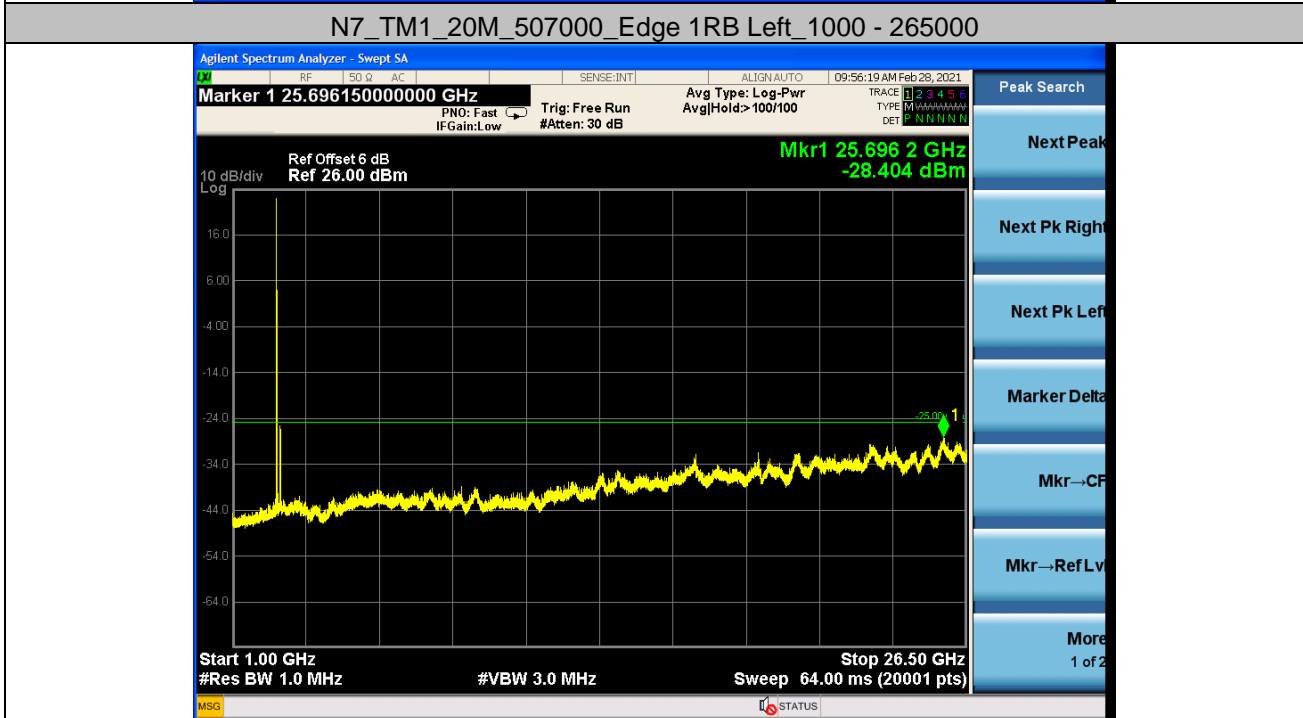


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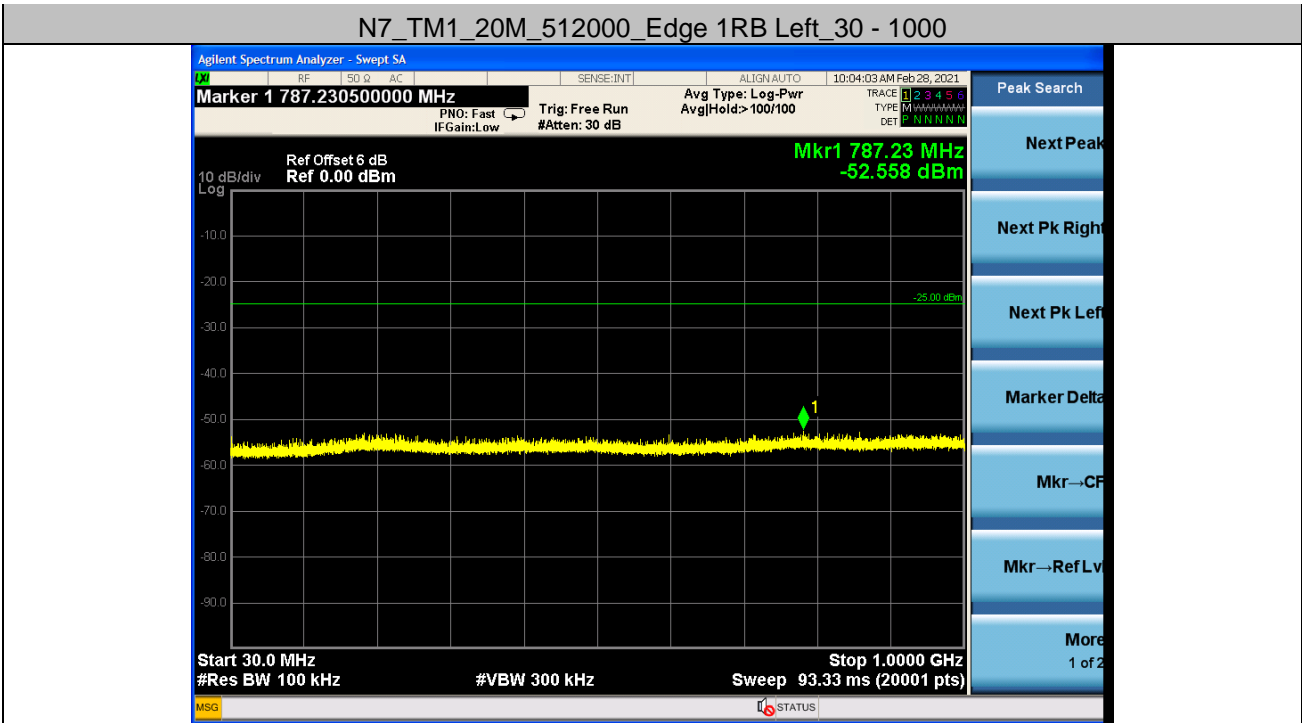
N7\_TM1\_20M\_507000\_Edge 1RB Left 30 - 1000



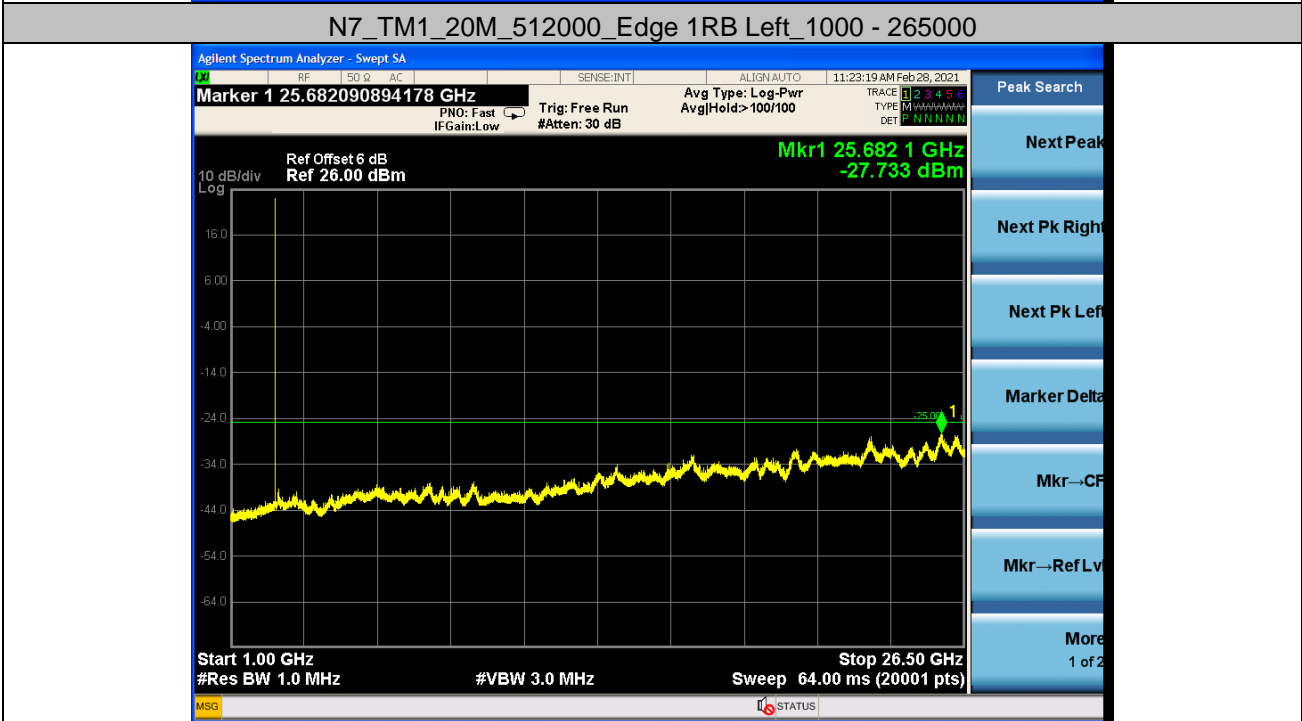
N7\_TM1\_20M\_507000\_Edge 1RB Left\_1000 - 265000



N7\_TM1\_20M\_512000\_Edge 1RB Left 30 - 1000



N7\_TM1\_20M\_512000\_Edge 1RB Left 1000 - 265000



**REMARK:**

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



## 7 Field Strength of Spurious Radiation

### 7.1 Test Band = N7

#### 7.1.1 Test Mode = 20MHz\_TM1

##### 7.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
40.6700	-67.31	-13.00	54.31	Vertical
74.8625	-68.44	-13.00	55.44	Vertical
1746.1373	-49.24	-13.00	36.24	Vertical
5000.3500	-53.37	-13.00	40.37	Vertical
13614.5307	-47.84	-13.00	34.84	Vertical
17860.4930	-40.21	-13.00	27.21	Vertical
40.1850	-78.24	-13.00	65.24	Horizontal
87.7150	-77.89	-13.00	64.89	Horizontal
172.8325	-74.82	-13.00	61.82	Horizontal
1756.9378	-51.34	-13.00	38.34	Horizontal
5811.1406	-53.54	-13.00	40.54	Horizontal
17400.7200	-40.30	-13.00	27.30	Horizontal

##### 7.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
41.1550	-74.48	-13.00	61.48	Vertical
76.0750	-69.25	-13.00	56.25	Vertical
175.2575	-75.85	-13.00	62.85	Vertical
2092.6546	-51.92	-13.00	38.92	Vertical
5061.1031	-49.21	-13.00	36.21	Vertical
17865.7433	-39.93	-13.00	26.93	Vertical
40.4275	-78.21	-13.00	65.21	Horizontal
87.2300	-77.55	-13.00	64.55	Horizontal
174.2875	-75.67	-13.00	62.67	Horizontal
1765.3383	-51.87	-13.00	38.87	Horizontal
5780.3890	-53.59	-13.00	40.59	Horizontal
17399.9700	-40.86	-13.00	27.86	Horizontal



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**7.1.1.3 Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
40.6700	-74.58	-13.00	61.58	Vertical
74.1350	-69.36	-13.00	56.36	Vertical
164.1025	-75.61	-13.00	62.61	Vertical
1864.2432	-53.73	-13.00	40.73	Vertical
5100.8550	-48.25	-13.00	35.25	Vertical
17853.7427	-40.10	-13.00	27.10	Vertical
40.6700	-73.90	-13.00	60.90	Horizontal
83.8350	-76.75	-13.00	63.75	Horizontal
188.3525	-73.22	-13.00	60.22	Horizontal
1746.0373	-50.62	-13.00	37.62	Horizontal
5712.1356	-53.62	-13.00	40.62	Horizontal
17393.2197	-40.49	-13.00	27.49	Horizontal

**Remark:**

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



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## 8 Frequency Stability

### 8.1 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

### 8.2 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



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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
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

**REMARK:**

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

**The End**



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