

Appendix B

NR band N38



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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
N38	20MHz	30KHz	TM1	516000	Inner Full	23.55	23.91	33	PASS
N38	20MHz	30KHz	TM1	516000	Inner 1RB Left	23.77	24.13	33	PASS
N38	20MHz	30KHz	TM1	516000	Inner 1RB Right	23.48	23.84	33	PASS
N38	20MHz	30KHz	TM1	519000	Inner Full	21.89	22.25	33	PASS
N38	20MHz	30KHz	TM1	519000	Inner 1RB Left	21.95	22.31	33	PASS
N38	20MHz	30KHz	TM1	519000	Inner 1RB Right	21.56	21.92	33	PASS
N38	20MHz	30KHz	TM1	522000	Inner Full	23.34	23.70	33	PASS
N38	20MHz	30KHz	TM1	522000	Inner 1RB Left	23.39	23.75	33	PASS
N38	20MHz	30KHz	TM1	522000	Inner 1RB Right	23.09	23.45	33	PASS
N38	20MHz	30KHz	TM2	516000	Inner Full	23.57	23.93	33	PASS
N38	20MHz	30KHz	TM2	516000	Inner 1RB Left	23.47	23.83	33	PASS
N38	20MHz	30KHz	TM2	516000	Inner 1RB Right	23.54	23.90	33	PASS
N38	20MHz	30KHz	TM2	519000	Inner Full	22.15	22.51	33	PASS
N38	20MHz	30KHz	TM2	519000	Inner 1RB Left	21.86	22.22	33	PASS
N38	20MHz	30KHz	TM2	519000	Inner 1RB Right	21.62	21.98	33	PASS
N38	20MHz	30KHz	TM2	522000	Inner Full	23.06	23.42	33	PASS
N38	20MHz	30KHz	TM2	522000	Inner 1RB Left	23.17	23.53	33	PASS
N38	20MHz	30KHz	TM2	522000	Inner 1RB Right	23.32	23.68	33	PASS
N38	20MHz	30KHz	TM3	516000	Inner Full	22.57	22.93	33	PASS
N38	20MHz	30KHz	TM3	516000	Inner 1RB Left	22.87	23.23	33	PASS
N38	20MHz	30KHz	TM3	516000	Inner 1RB Right	22.68	23.04	33	PASS
N38	20MHz	30KHz	TM3	519000	Inner Full	21.54	21.90	33	PASS
N38	20MHz	30KHz	TM3	519000	Inner 1RB Left	21.92	22.28	33	PASS
N38	20MHz	30KHz	TM3	519000	Inner 1RB Right	21.71	22.07	33	PASS
N38	20MHz	30KHz	TM3	522000	Inner Full	21.82	22.18	33	PASS
N38	20MHz	30KHz	TM3	522000	Inner 1RB Left	22.62	22.98	33	PASS
N38	20MHz	30KHz	TM3	522000	Inner 1RB Right	22.23	22.59	33	PASS
N38	20MHz	30KHz	TM4	516000	Inner Full	20.78	21.14	33	PASS
N38	20MHz	30KHz	TM4	516000	Inner 1RB Left	20.91	21.27	33	PASS
N38	20MHz	30KHz	TM4	516000	Inner 1RB Right	20.81	21.17	33	PASS
N38	20MHz	30KHz	TM4	519000	Inner Full	20.10	20.46	33	PASS
N38	20MHz	30KHz	TM4	519000	Inner 1RB Left	19.86	20.22	33	PASS
N38	20MHz	30KHz	TM4	519000	Inner 1RB Right	19.73	20.09	33	PASS
N38	20MHz	30KHz	TM4	522000	Inner Full	20.41	20.77	33	PASS
N38	20MHz	30KHz	TM4	522000	Inner 1RB Left	21.09	21.45	33	PASS
N38	20MHz	30KHz	TM4	522000	Inner 1RB Right	20.59	20.95	33	PASS
N38	20MHz	30KHz	TM5	516000	Inner Full	18.33	18.69	33	PASS
N38	20MHz	30KHz	TM5	516000	Inner 1RB Left	18.37	18.73	33	PASS
N38	20MHz	30KHz	TM5	516000	Inner 1RB Right	18.90	19.26	33	PASS
N38	20MHz	30KHz	TM5	519000	Inner Full	18.56	18.92	33	PASS
N38	20MHz	30KHz	TM5	519000	Inner 1RB Left	18.51	18.87	33	PASS

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N38	20MHz	30KHz	TM5	519000	Inner 1RB Right	18.86	19.22	33	PASS
N38	20MHz	30KHz	TM5	522000	Inner Full	18.64	19.00	33	PASS
N38	20MHz	30KHz	TM5	522000	Inner 1RB Left	18.51	18.87	33	PASS
N38	20MHz	30KHz	TM5	522000	Inner 1RB Right	18.75	19.11	33	PASS
N38	20MHz	30KHz	TM6	516000	Inner Full	23.54	23.90	33	PASS
N38	20MHz	30KHz	TM6	516000	Inner 1RB Left	23.54	23.90	33	PASS
N38	20MHz	30KHz	TM6	516000	Inner 1RB Right	23.61	23.97	33	PASS
N38	20MHz	30KHz	TM6	519000	Inner Full	21.81	22.17	33	PASS
N38	20MHz	30KHz	TM6	519000	Inner 1RB Left	22.09	22.45	33	PASS
N38	20MHz	30KHz	TM6	519000	Inner 1RB Right	22.20	22.56	33	PASS
N38	20MHz	30KHz	TM6	522000	Inner Full	23.29	23.65	33	PASS
N38	20MHz	30KHz	TM6	522000	Inner 1RB Left	23.62	23.98	33	PASS
N38	20MHz	30KHz	TM6	522000	Inner 1RB Right	23.20	23.56	33	PASS
N38	20MHz	30KHz	TM7	516000	Inner Full	22.32	22.68	33	PASS
N38	20MHz	30KHz	TM7	516000	Inner 1RB Left	22.29	22.65	33	PASS
N38	20MHz	30KHz	TM7	516000	Inner 1RB Right	22.29	22.65	33	PASS
N38	20MHz	30KHz	TM7	519000	Inner Full	21.34	21.70	33	PASS
N38	20MHz	30KHz	TM7	519000	Inner 1RB Left	21.34	21.70	33	PASS
N38	20MHz	30KHz	TM7	519000	Inner 1RB Right	21.52	21.88	33	PASS
N38	20MHz	30KHz	TM7	522000	Inner Full	21.91	22.27	33	PASS
N38	20MHz	30KHz	TM7	522000	Inner 1RB Left	22.57	22.93	33	PASS
N38	20MHz	30KHz	TM7	522000	Inner 1RB Right	22.09	22.45	33	PASS
N38	20MHz	30KHz	TM8	516000	Inner Full	21.04	21.40	33	PASS
N38	20MHz	30KHz	TM8	516000	Inner 1RB Left	21.31	21.67	33	PASS
N38	20MHz	30KHz	TM8	516000	Inner 1RB Right	20.83	21.19	33	PASS
N38	20MHz	30KHz	TM8	519000	Inner Full	20.11	20.47	33	PASS
N38	20MHz	30KHz	TM8	519000	Inner 1RB Left	20.06	20.42	33	PASS
N38	20MHz	30KHz	TM8	519000	Inner 1RB Right	19.95	20.31	33	PASS
N38	20MHz	30KHz	TM8	522000	Inner Full	20.24	20.60	33	PASS
N38	20MHz	30KHz	TM8	522000	Inner 1RB Left	20.82	21.18	33	PASS
N38	20MHz	30KHz	TM8	522000	Inner 1RB Right	20.71	21.07	33	PASS
N38	20MHz	30KHz	TM9	516000	Inner Full	18.95	19.31	33	PASS
N38	20MHz	30KHz	TM9	516000	Inner 1RB Left	18.25	18.61	33	PASS
N38	20MHz	30KHz	TM9	516000	Inner 1RB Right	18.82	19.18	33	PASS
N38	20MHz	30KHz	TM9	519000	Inner Full	19.13	19.49	33	PASS
N38	20MHz	30KHz	TM9	519000	Inner 1RB Left	19.10	19.46	33	PASS
N38	20MHz	30KHz	TM9	519000	Inner 1RB Right	18.97	19.33	33	PASS
N38	20MHz	30KHz	TM9	522000	Inner Full	18.92	19.28	33	PASS
N38	20MHz	30KHz	TM9	522000	Inner 1RB Left	18.62	18.98	33	PASS
N38	20MHz	30KHz	TM9	522000	Inner 1RB Right	18.49	18.85	33	PASS
N38	30MHz	30KHz	TM1	517000	Inner Full	23.35	23.71	33	PASS
N38	30MHz	30KHz	TM1	517000	Inner 1RB Left	23.57	23.93	33	PASS
N38	30MHz	30KHz	TM1	517000	Inner 1RB Right	23.38	23.74	33	PASS
N38	30MHz	30KHz	TM1	519000	Inner Full	22.19	22.55	33	PASS
N38	30MHz	30KHz	TM1	519000	Inner 1RB Left	21.85	22.21	33	PASS
N38	30MHz	30KHz	TM1	519000	Inner 1RB Right	21.56	21.92	33	PASS
N38	30MHz	30KHz	TM1	521000	Inner Full	23.14	23.50	33	PASS
N38	30MHz	30KHz	TM1	521000	Inner 1RB Left	23.49	23.85	33	PASS

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N38	30MHz	30KHz	TM1	521000	Inner 1RB Right	23.09	23.45	33	PASS
N38	30MHz	30KHz	TM2	517000	Inner Full	23.57	23.93	33	PASS
N38	30MHz	30KHz	TM2	517000	Inner 1RB Left	23.77	24.13	33	PASS
N38	30MHz	30KHz	TM2	517000	Inner 1RB Right	23.54	23.90	33	PASS
N38	30MHz	30KHz	TM2	519000	Inner Full	21.85	22.21	33	PASS
N38	30MHz	30KHz	TM2	519000	Inner 1RB Left	22.06	22.42	33	PASS
N38	30MHz	30KHz	TM2	519000	Inner 1RB Right	21.52	21.88	33	PASS
N38	30MHz	30KHz	TM2	521000	Inner Full	23.26	23.62	33	PASS
N38	30MHz	30KHz	TM2	521000	Inner 1RB Left	23.47	23.83	33	PASS
N38	30MHz	30KHz	TM2	521000	Inner 1RB Right	23.32	23.68	33	PASS
N38	30MHz	30KHz	TM3	517000	Inner Full	22.47	22.83	33	PASS
N38	30MHz	30KHz	TM3	517000	Inner 1RB Left	22.67	23.03	33	PASS
N38	30MHz	30KHz	TM3	517000	Inner 1RB Right	22.48	22.84	33	PASS
N38	30MHz	30KHz	TM3	519000	Inner Full	21.44	21.80	33	PASS
N38	30MHz	30KHz	TM3	519000	Inner 1RB Left	21.62	21.98	33	PASS
N38	30MHz	30KHz	TM3	519000	Inner 1RB Right	21.71	22.07	33	PASS
N38	30MHz	30KHz	TM3	521000	Inner Full	21.62	21.98	33	PASS
N38	30MHz	30KHz	TM3	521000	Inner 1RB Left	22.42	22.78	33	PASS
N38	30MHz	30KHz	TM3	521000	Inner 1RB Right	22.13	22.49	33	PASS
N38	30MHz	30KHz	TM4	517000	Inner Full	21.08	21.44	33	PASS
N38	30MHz	30KHz	TM4	517000	Inner 1RB Left	21.01	21.37	33	PASS
N38	30MHz	30KHz	TM4	517000	Inner 1RB Right	20.51	20.87	33	PASS
N38	30MHz	30KHz	TM4	519000	Inner Full	20.00	20.36	33	PASS
N38	30MHz	30KHz	TM4	519000	Inner 1RB Left	20.16	20.52	33	PASS
N38	30MHz	30KHz	TM4	519000	Inner 1RB Right	19.83	20.19	33	PASS
N38	30MHz	30KHz	TM4	521000	Inner Full	20.31	20.67	33	PASS
N38	30MHz	30KHz	TM4	521000	Inner 1RB Left	21.19	21.55	33	PASS
N38	30MHz	30KHz	TM4	521000	Inner 1RB Right	20.69	21.05	33	PASS
N38	30MHz	30KHz	TM5	517000	Inner Full	19.03	19.39	33	PASS
N38	30MHz	30KHz	TM5	517000	Inner 1RB Left	18.27	18.63	33	PASS
N38	30MHz	30KHz	TM5	517000	Inner 1RB Right	18.60	18.96	33	PASS
N38	30MHz	30KHz	TM5	519000	Inner Full	19.16	19.52	33	PASS
N38	30MHz	30KHz	TM5	519000	Inner 1RB Left	18.41	18.77	33	PASS
N38	30MHz	30KHz	TM5	519000	Inner 1RB Right	18.96	19.32	33	PASS
N38	30MHz	30KHz	TM5	521000	Inner Full	18.54	18.90	33	PASS
N38	30MHz	30KHz	TM5	521000	Inner 1RB Left	18.51	18.87	33	PASS
N38	30MHz	30KHz	TM5	521000	Inner 1RB Right	18.65	19.01	33	PASS
N38	30MHz	30KHz	TM6	517000	Inner Full	23.54	23.90	33	PASS
N38	30MHz	30KHz	TM6	517000	Inner 1RB Left	23.54	23.90	33	PASS
N38	30MHz	30KHz	TM6	517000	Inner 1RB Right	23.31	23.67	33	PASS
N38	30MHz	30KHz	TM6	519000	Inner Full	22.11	22.47	33	PASS
N38	30MHz	30KHz	TM6	519000	Inner 1RB Left	21.89	22.25	33	PASS
N38	30MHz	30KHz	TM6	519000	Inner 1RB Right	22.20	22.56	33	PASS
N38	30MHz	30KHz	TM6	521000	Inner Full	23.09	23.45	33	PASS
N38	30MHz	30KHz	TM6	521000	Inner 1RB Left	23.62	23.98	33	PASS
N38	30MHz	30KHz	TM6	521000	Inner 1RB Right	23.00	23.36	33	PASS
N38	30MHz	30KHz	TM7	517000	Inner Full	22.32	22.68	33	PASS
N38	30MHz	30KHz	TM7	517000	Inner 1RB Left	22.49	22.85	33	PASS

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N38	30MHz	30KHz	TM7	517000	Inner 1RB Right	22.39	22.75	33	PASS
N38	30MHz	30KHz	TM7	519000	Inner Full	21.44	21.80	33	PASS
N38	30MHz	30KHz	TM7	519000	Inner 1RB Left	21.54	21.90	33	PASS
N38	30MHz	30KHz	TM7	519000	Inner 1RB Right	21.42	21.78	33	PASS
N38	30MHz	30KHz	TM7	521000	Inner Full	22.11	22.47	33	PASS
N38	30MHz	30KHz	TM7	521000	Inner 1RB Left	22.47	22.83	33	PASS
N38	30MHz	30KHz	TM7	521000	Inner 1RB Right	22.29	22.65	33	PASS
N38	30MHz	30KHz	TM8	517000	Inner Full	20.84	21.20	33	PASS
N38	30MHz	30KHz	TM8	517000	Inner 1RB Left	21.21	21.57	33	PASS
N38	30MHz	30KHz	TM8	517000	Inner 1RB Right	20.83	21.19	33	PASS
N38	30MHz	30KHz	TM8	519000	Inner Full	19.81	20.17	33	PASS
N38	30MHz	30KHz	TM8	519000	Inner 1RB Left	20.36	20.72	33	PASS
N38	30MHz	30KHz	TM8	519000	Inner 1RB Right	19.95	20.31	33	PASS
N38	30MHz	30KHz	TM8	521000	Inner Full	20.14	20.50	33	PASS
N38	30MHz	30KHz	TM8	521000	Inner 1RB Left	20.72	21.08	33	PASS
N38	30MHz	30KHz	TM8	521000	Inner 1RB Right	20.81	21.17	33	PASS
N38	30MHz	30KHz	TM9	517000	Inner Full	19.05	19.41	33	PASS
N38	30MHz	30KHz	TM9	517000	Inner 1RB Left	18.15	18.51	33	PASS
N38	30MHz	30KHz	TM9	517000	Inner 1RB Right	18.82	19.18	33	PASS
N38	30MHz	30KHz	TM9	519000	Inner Full	19.23	19.59	33	PASS
N38	30MHz	30KHz	TM9	519000	Inner 1RB Left	19.00	19.36	33	PASS
N38	30MHz	30KHz	TM9	519000	Inner 1RB Right	18.67	19.03	33	PASS
N38	30MHz	30KHz	TM9	521000	Inner Full	18.92	19.28	33	PASS
N38	30MHz	30KHz	TM9	521000	Inner 1RB Left	18.82	19.18	33	PASS
N38	30MHz	30KHz	TM9	521000	Inner 1RB Right	18.79	19.15	33	PASS
N38	40MHz	30KHz	TM1	518000	Inner Full	23.55	23.91	33	PASS
N38	40MHz	30KHz	TM1	518000	Inner 1RB Left	23.47	23.83	33	PASS
N38	40MHz	30KHz	TM1	518000	Inner 1RB Right	23.38	23.74	33	PASS
N38	40MHz	30KHz	TM1	519000	Inner Full	21.89	22.25	33	PASS
N38	40MHz	30KHz	TM1	519000	Inner 1RB Left	21.95	22.31	33	PASS
N38	40MHz	30KHz	TM1	519000	Inner 1RB Right	21.86	22.22	33	PASS
N38	40MHz	30KHz	TM1	520000	Inner Full	23.04	23.40	33	PASS
N38	40MHz	30KHz	TM1	520000	Inner 1RB Left	23.59	23.95	33	PASS
N38	40MHz	30KHz	TM1	520000	Inner 1RB Right	23.09	23.45	33	PASS
N38	40MHz	30KHz	TM2	518000	Inner Full	23.27	23.63	33	PASS
N38	40MHz	30KHz	TM2	518000	Inner 1RB Left	23.57	23.93	33	PASS
N38	40MHz	30KHz	TM2	518000	Inner 1RB Right	23.44	23.80	33	PASS
N38	40MHz	30KHz	TM2	519000	Inner Full	22.15	22.51	33	PASS
N38	40MHz	30KHz	TM2	519000	Inner 1RB Left	21.96	22.32	33	PASS
N38	40MHz	30KHz	TM2	519000	Inner 1RB Right	21.52	21.88	33	PASS
N38	40MHz	30KHz	TM2	520000	Inner Full	23.26	23.62	33	PASS
N38	40MHz	30KHz	TM2	520000	Inner 1RB Left	23.17	23.53	33	PASS
N38	40MHz	30KHz	TM2	520000	Inner 1RB Right	23.22	23.58	33	PASS
N38	40MHz	30KHz	TM3	518000	Inner Full	22.47	22.83	33	PASS
N38	40MHz	30KHz	TM3	518000	Inner 1RB Left	22.87	23.23	33	PASS
N38	40MHz	30KHz	TM3	518000	Inner 1RB Right	22.58	22.94	33	PASS
N38	40MHz	30KHz	TM3	519000	Inner Full	21.44	21.80	33	PASS
N38	40MHz	30KHz	TM3	519000	Inner 1RB Left	21.72	22.08	33	PASS

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N38	40MHz	30KHz	TM3	519000	Inner 1RB Right	21.61	21.97	33	PASS
N38	40MHz	30KHz	TM3	520000	Inner Full	21.82	22.18	33	PASS
N38	40MHz	30KHz	TM3	520000	Inner 1RB Left	22.42	22.78	33	PASS
N38	40MHz	30KHz	TM3	520000	Inner 1RB Right	22.03	22.39	33	PASS
N38	40MHz	30KHz	TM4	518000	Inner Full	21.08	21.44	33	PASS
N38	40MHz	30KHz	TM4	518000	Inner 1RB Left	21.11	21.47	33	PASS
N38	40MHz	30KHz	TM4	518000	Inner 1RB Right	20.71	21.07	33	PASS
N38	40MHz	30KHz	TM4	519000	Inner Full	19.90	20.26	33	PASS
N38	40MHz	30KHz	TM4	519000	Inner 1RB Left	19.86	20.22	33	PASS
N38	40MHz	30KHz	TM4	519000	Inner 1RB Right	19.83	20.19	33	PASS
N38	40MHz	30KHz	TM4	520000	Inner Full	20.11	20.47	33	PASS
N38	40MHz	30KHz	TM4	520000	Inner 1RB Left	20.99	21.35	33	PASS
N38	40MHz	30KHz	TM4	520000	Inner 1RB Right	20.59	20.95	33	PASS
N38	40MHz	30KHz	TM5	518000	Inner Full	19.03	19.39	33	PASS
N38	40MHz	30KHz	TM5	518000	Inner 1RB Left	18.17	18.53	33	PASS
N38	40MHz	30KHz	TM5	518000	Inner 1RB Right	18.80	19.16	33	PASS
N38	40MHz	30KHz	TM5	519000	Inner Full	18.86	19.22	33	PASS
N38	40MHz	30KHz	TM5	519000	Inner 1RB Left	18.51	18.87	33	PASS
N38	40MHz	30KHz	TM5	519000	Inner 1RB Right	19.06	19.42	33	PASS
N38	40MHz	30KHz	TM5	520000	Inner Full	18.54	18.90	33	PASS
N38	40MHz	30KHz	TM5	520000	Inner 1RB Left	18.61	18.97	33	PASS
N38	40MHz	30KHz	TM5	520000	Inner 1RB Right	18.75	19.11	33	PASS
N38	40MHz	30KHz	TM6	518000	Inner Full	23.64	24.00	33	PASS
N38	40MHz	30KHz	TM6	518000	Inner 1RB Left	23.64	24.00	33	PASS
N38	40MHz	30KHz	TM6	518000	Inner 1RB Right	23.41	23.77	33	PASS
N38	40MHz	30KHz	TM6	519000	Inner Full	21.91	22.27	33	PASS
N38	40MHz	30KHz	TM6	519000	Inner 1RB Left	21.89	22.25	33	PASS
N38	40MHz	30KHz	TM6	519000	Inner 1RB Right	22.30	22.66	33	PASS
N38	40MHz	30KHz	TM6	520000	Inner Full	22.99	23.35	33	PASS
N38	40MHz	30KHz	TM6	520000	Inner 1RB Left	23.32	23.68	33	PASS
N38	40MHz	30KHz	TM6	520000	Inner 1RB Right	23.20	23.56	33	PASS
N38	40MHz	30KHz	TM7	518000	Inner Full	22.42	22.78	33	PASS
N38	40MHz	30KHz	TM7	518000	Inner 1RB Left	22.39	22.75	33	PASS
N38	40MHz	30KHz	TM7	518000	Inner 1RB Right	22.49	22.85	33	PASS
N38	40MHz	30KHz	TM7	519000	Inner Full	21.54	21.90	33	PASS
N38	40MHz	30KHz	TM7	519000	Inner 1RB Left	21.34	21.70	33	PASS
N38	40MHz	30KHz	TM7	519000	Inner 1RB Right	21.52	21.88	33	PASS
N38	40MHz	30KHz	TM7	520000	Inner Full	22.01	22.37	33	PASS
N38	40MHz	30KHz	TM7	520000	Inner 1RB Left	22.57	22.93	33	PASS
N38	40MHz	30KHz	TM7	520000	Inner 1RB Right	22.19	22.55	33	PASS
N38	40MHz	30KHz	TM8	518000	Inner Full	20.84	21.20	33	PASS
N38	40MHz	30KHz	TM8	518000	Inner 1RB Left	21.11	21.47	33	PASS
N38	40MHz	30KHz	TM8	518000	Inner 1RB Right	20.83	21.19	33	PASS
N38	40MHz	30KHz	TM8	519000	Inner Full	19.81	20.17	33	PASS
N38	40MHz	30KHz	TM8	519000	Inner 1RB Left	20.36	20.72	33	PASS
N38	40MHz	30KHz	TM8	519000	Inner 1RB Right	19.95	20.31	33	PASS
N38	40MHz	30KHz	TM8	520000	Inner Full	20.24	20.60	33	PASS
N38	40MHz	30KHz	TM8	520000	Inner 1RB Left	20.82	21.18	33	PASS

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N38	40MHz	30KHz	TM8	520000	Inner 1RB Right	20.61	20.97	33	PASS
N38	40MHz	30KHz	TM9	518000	Inner Full	19.15	19.51	33	PASS
N38	40MHz	30KHz	TM9	518000	Inner 1RB Left	18.35	18.71	33	PASS
N38	40MHz	30KHz	TM9	518000	Inner 1RB Right	18.72	19.08	33	PASS
N38	40MHz	30KHz	TM9	519000	Inner Full	18.93	19.29	33	PASS
N38	40MHz	30KHz	TM9	519000	Inner 1RB Left	18.80	19.16	33	PASS
N38	40MHz	30KHz	TM9	519000	Inner 1RB Right	18.77	19.13	33	PASS
N38	40MHz	30KHz	TM9	520000	Inner Full	19.02	19.38	33	PASS
N38	40MHz	30KHz	TM9	520000	Inner 1RB Left	18.62	18.98	33	PASS
N38	40MHz	30KHz	TM9	520000	Inner 1RB Right	18.59	18.95	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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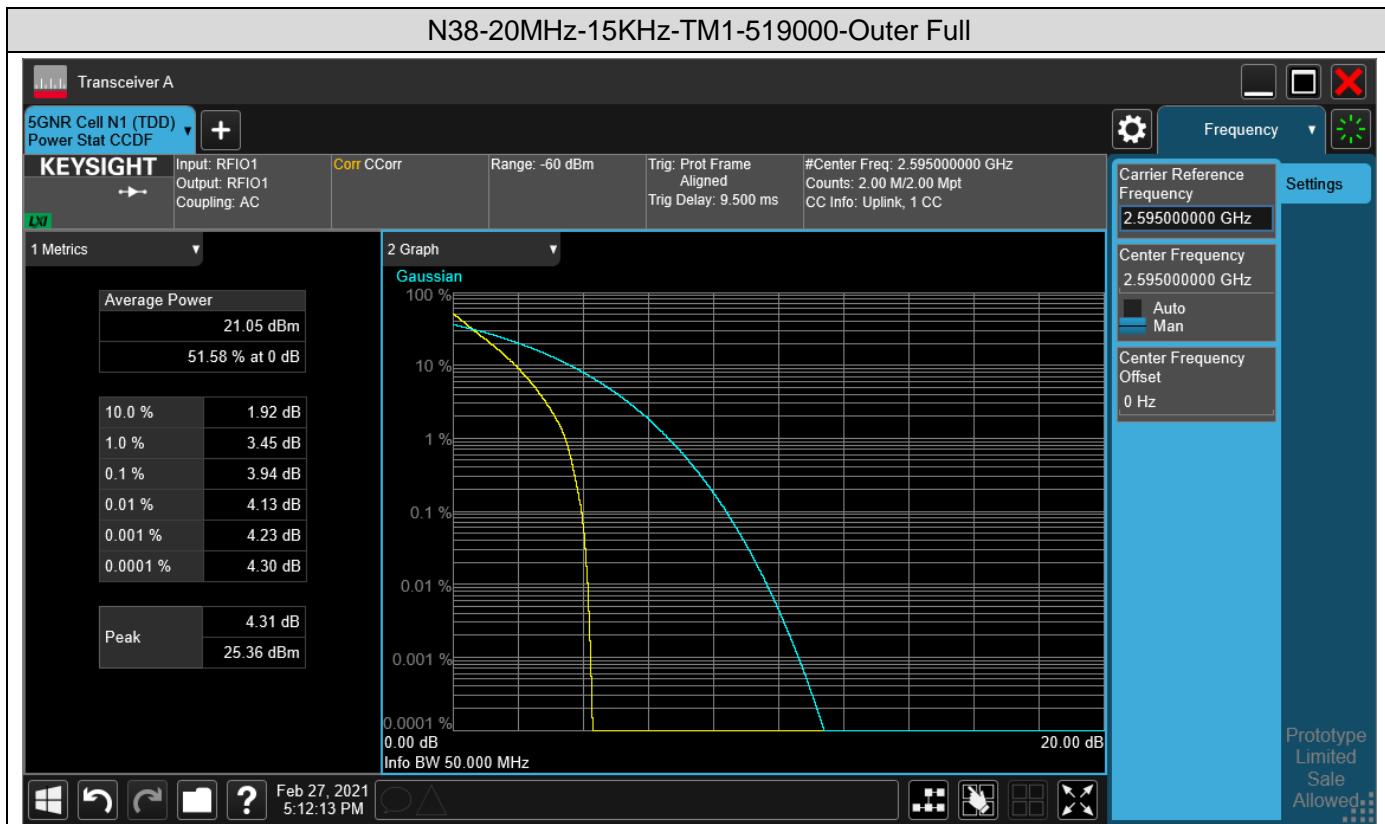
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2 Peak-to-Average Ratio

2.1 Test Results

NR Band	Bandwidth	SCS	Modulation	Channel	RB Config	Result (dB)	Limit (dBm)	Verdict
N38	40MHz	30KHz	TM1	519000	Outer Full	3.94	13	PASS
N38	40MHz	30KHz	TM6	519000	Outer Full	7.68	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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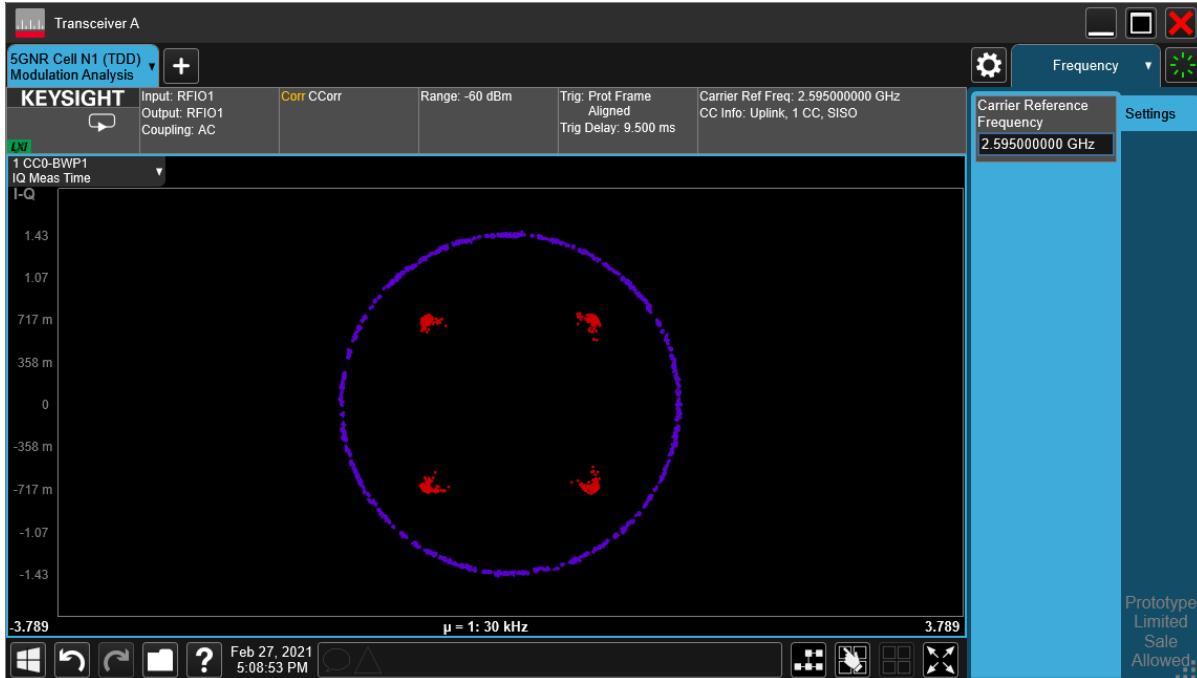
3 Modulation Characteristics

3.1 Test Plots

3.1.1 Test Band = N38

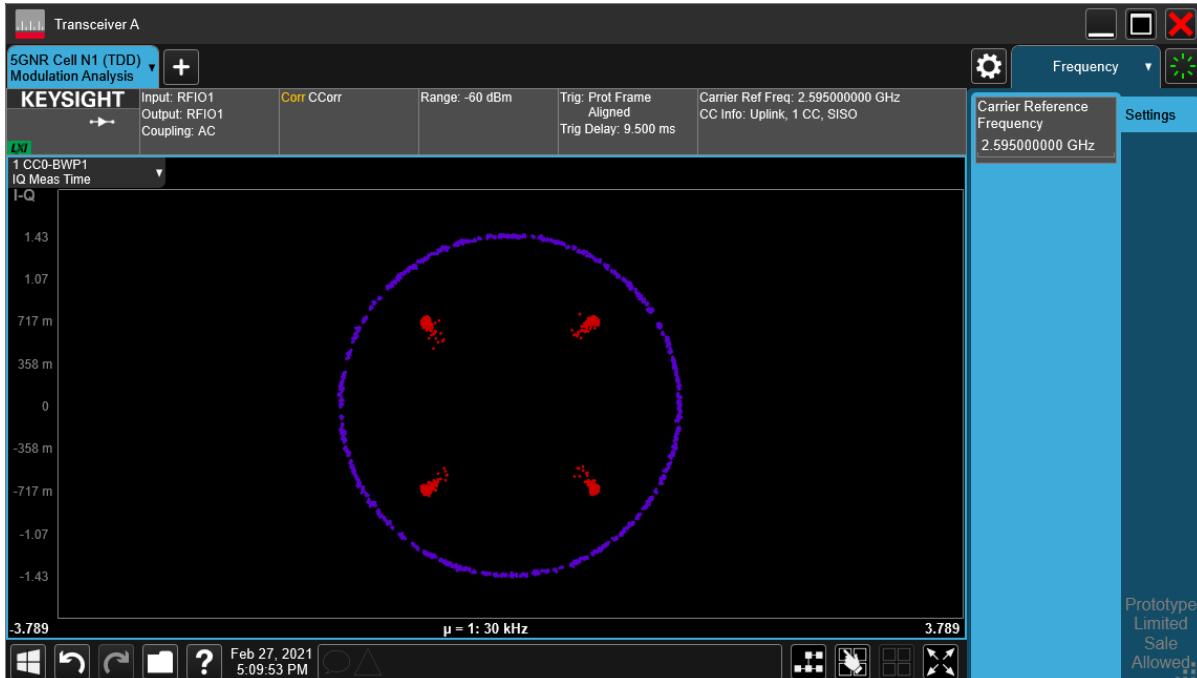
3.1.1.1 Test Mode = TM1 40MHz

3.1.1.1.1 Test Channel = MCH



3.1.1.2 Test Mode = TM2 40MHz

3.1.1.2.1 Test Channel = MCH



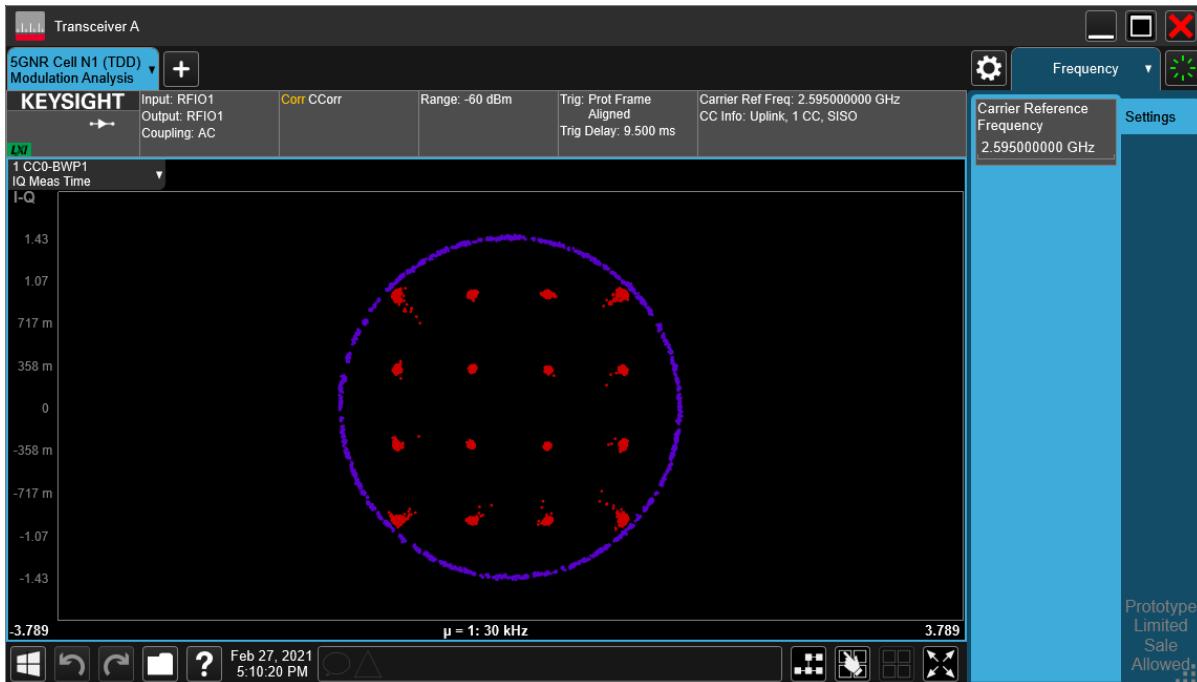
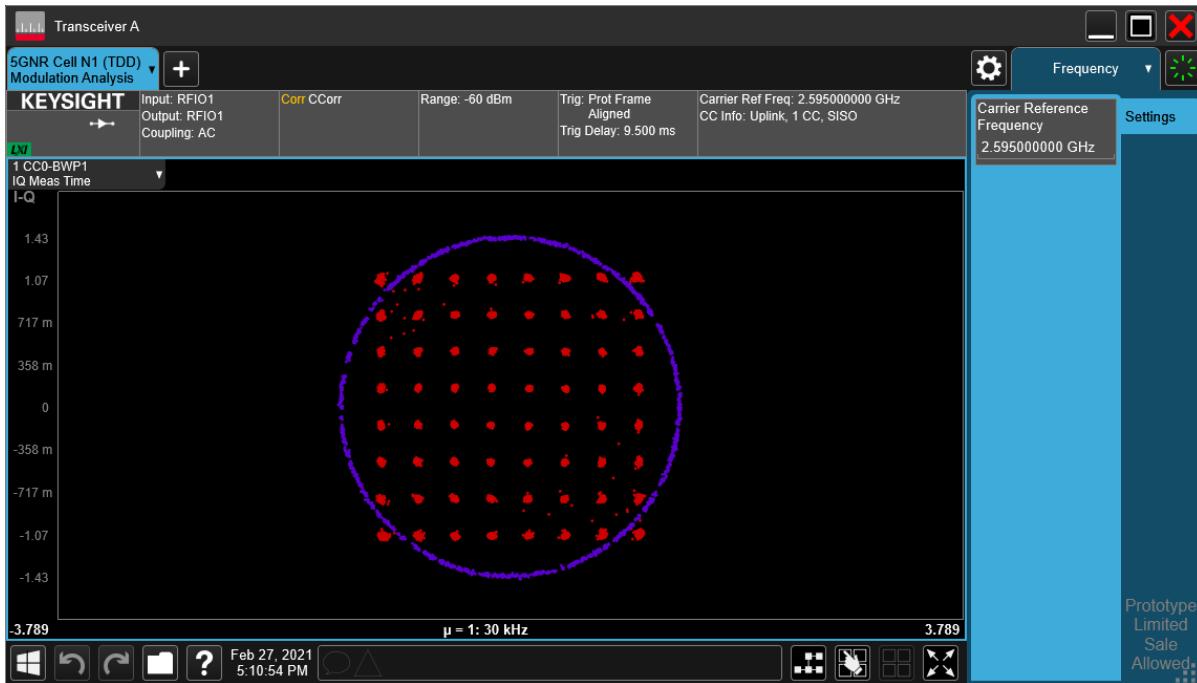
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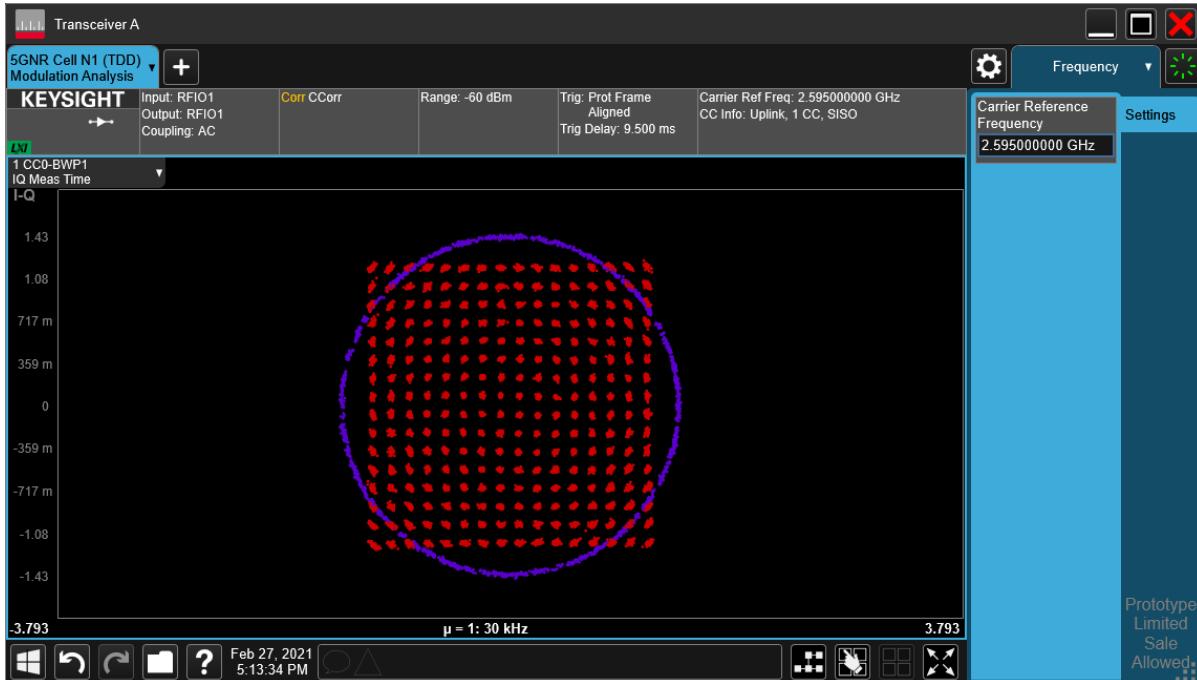
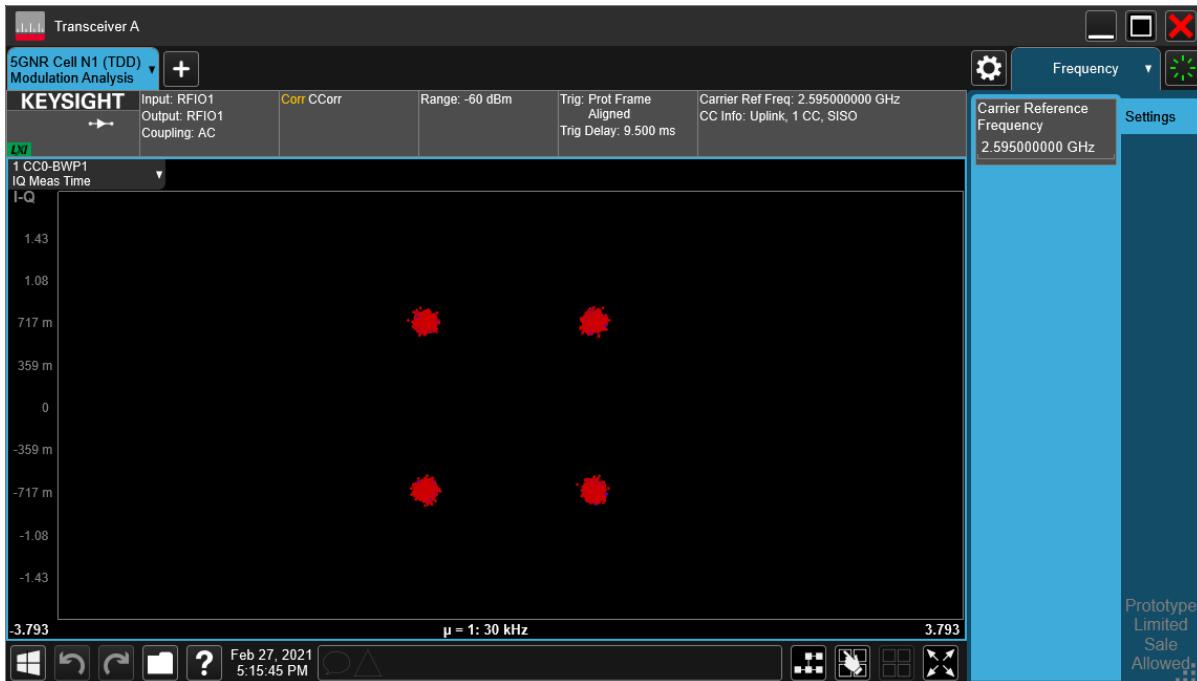
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3.1.1.3 Test Mode = TM3 40MHz**3.1.1.3.1 Test Channel = MCH****3.1.1.4 Test Mode = TM4 40MHz****3.1.1.4.1 Test Channel = MCH**

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3.1.1.5 Test Mode = TM5 40MHz**3.1.1.5.1 Test Channel = MCH****3.1.1.6 Test Mode = TM6 40MHz****3.1.1.6.1 Test Channel = MCH****REMARK:**

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4 Occupied Bandwidth & 26dB Emission Bandwidth

4.1 Test Results

NR Band	Bandwidth	SCS	Modulation	Channel	RB Config	OBW (MHz)	EBW (MHz)	Verdict
N38	20MHz	30KHz	TM1	519000	Outer Full	17.78	18.99	PASS
N38	20MHz	30KHz	TM2	519000	Outer Full	17.78	18.93	PASS
N38	20MHz	30KHz	TM3	519000	Outer Full	17.86	19.31	PASS
N38	20MHz	30KHz	TM4	519000	Outer Full	17.87	18.76	PASS
N38	20MHz	30KHz	TM5	519000	Outer Full	17.82	19.22	PASS
N38	20MHz	30KHz	TM6	519000	Outer Full	18.22	19.44	PASS
N38	20MHz	30KHz	TM7	519000	Outer Full	18.25	19.24	PASS
N38	20MHz	30KHz	TM8	519000	Outer Full	18.23	19.34	PASS
N38	20MHz	30KHz	TM9	519000	Outer Full	18.21	19.33	PASS
N38	30MHz	30KHz	TM1	519000	Outer Full	26.79	28.07	PASS
N38	30MHz	30KHz	TM2	519000	Outer Full	26.75	28.12	PASS
N38	30MHz	30KHz	TM3	519000	Outer Full	26.80	28.06	PASS
N38	30MHz	30KHz	TM4	519000	Outer Full	26.76	28.06	PASS
N38	30MHz	30KHz	TM5	519000	Outer Full	26.83	28.27	PASS
N38	30MHz	30KHz	TM6	519000	Outer Full	27.83	29.32	PASS
N38	30MHz	30KHz	TM7	519000	Outer Full	27.79	29.27	PASS
N38	30MHz	30KHz	TM8	519000	Outer Full	27.81	29.11	PASS
N38	30MHz	30KHz	TM9	519000	Outer Full	27.91	29.12	PASS
N38	40MHz	30KHz	TM1	519000	Outer Full	35.78	37.49	PASS
N38	40MHz	30KHz	TM2	519000	Outer Full	35.75	37.23	PASS
N38	40MHz	30KHz	TM3	519000	Outer Full	35.80	37.43	PASS
N38	40MHz	30KHz	TM4	519000	Outer Full	35.72	37.26	PASS
N38	40MHz	30KHz	TM5	519000	Outer Full	35.72	37.27	PASS
N38	40MHz	30KHz	TM6	519000	Outer Full	37.83	39.60	PASS
N38	40MHz	30KHz	TM7	519000	Outer Full	37.84	39.16	PASS
N38	40MHz	30KHz	TM8	519000	Outer Full	37.80	39.37	PASS
N38	40MHz	30KHz	TM9	519000	Outer Full	37.83	39.29	PASS



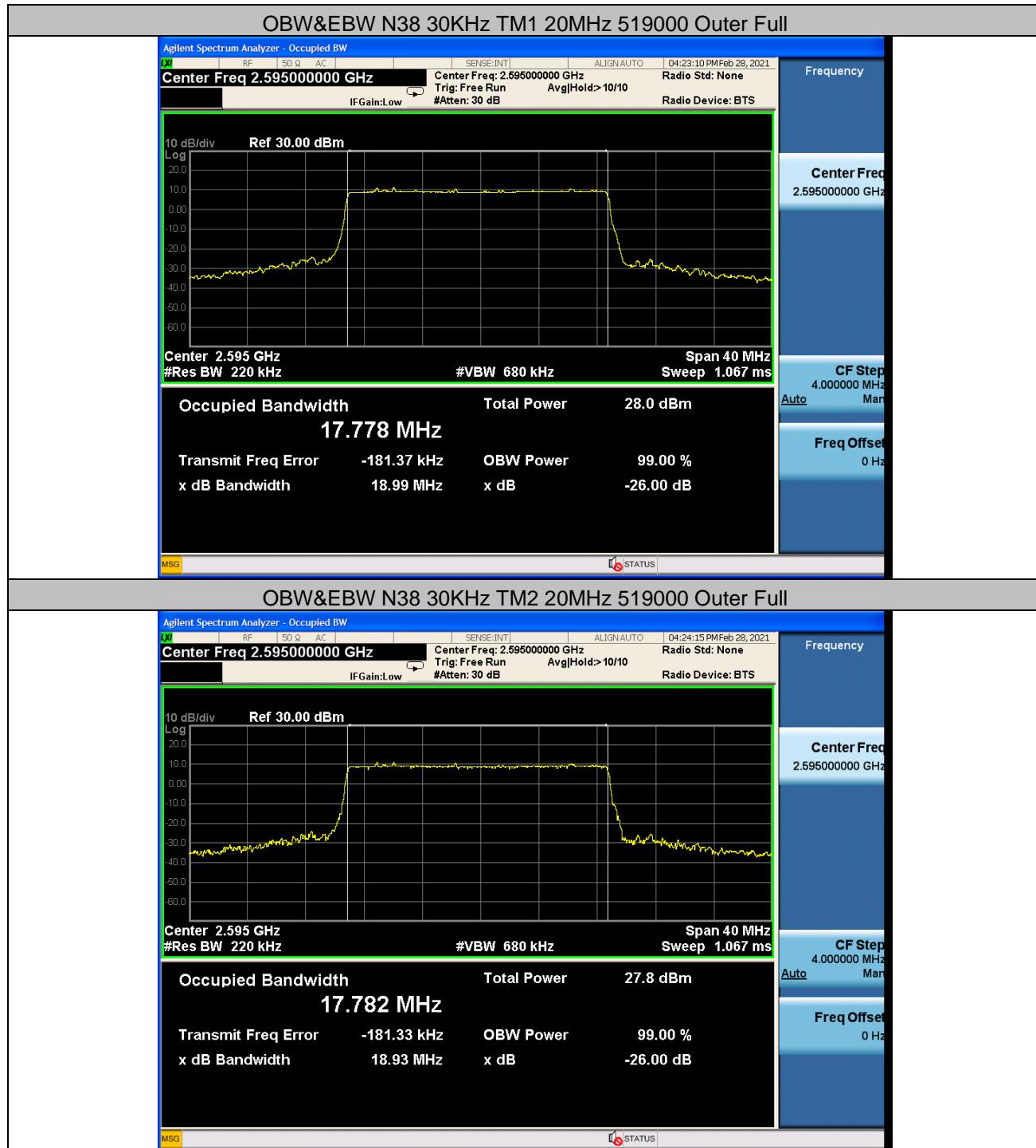
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4.2 Test Plots



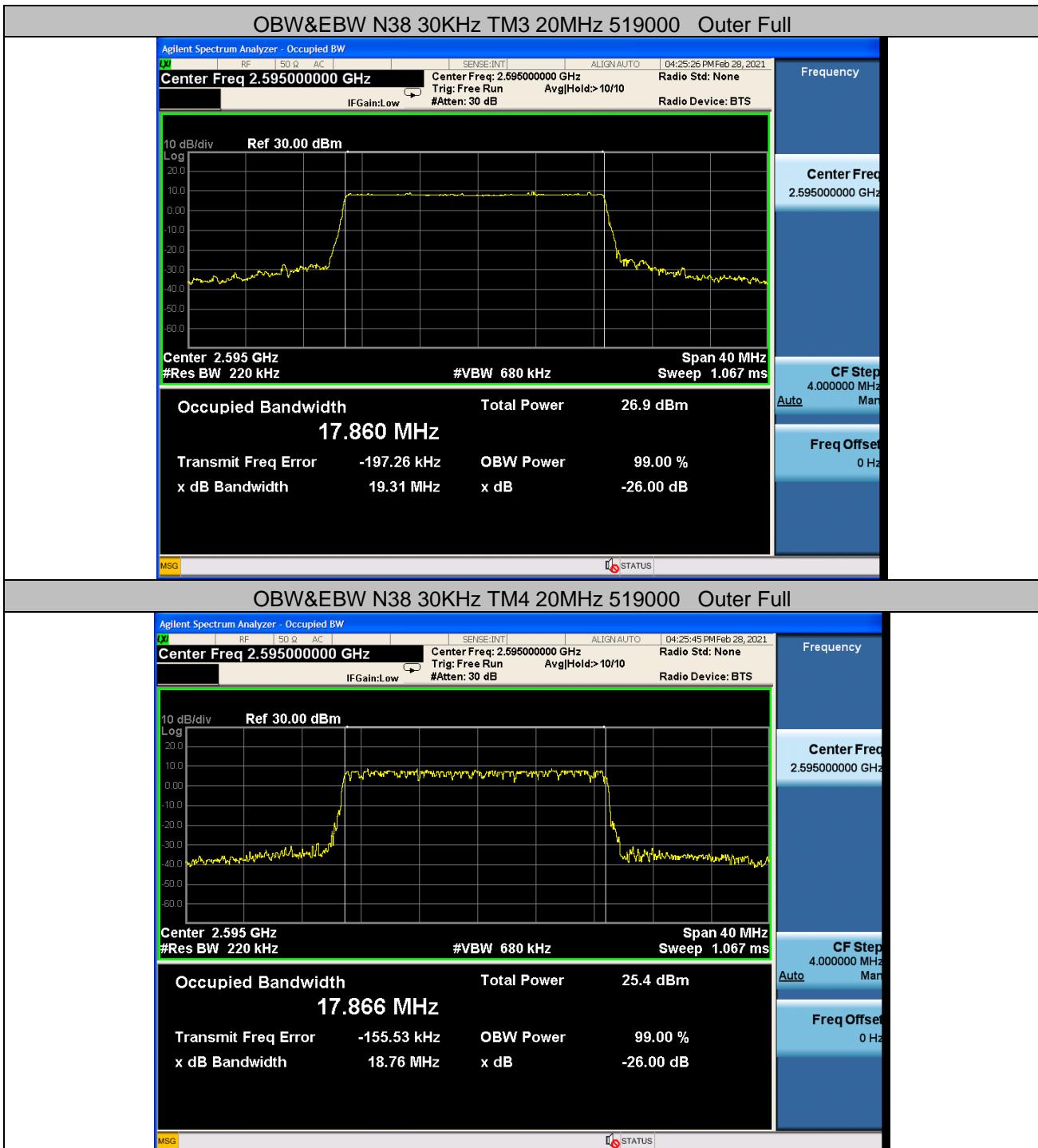
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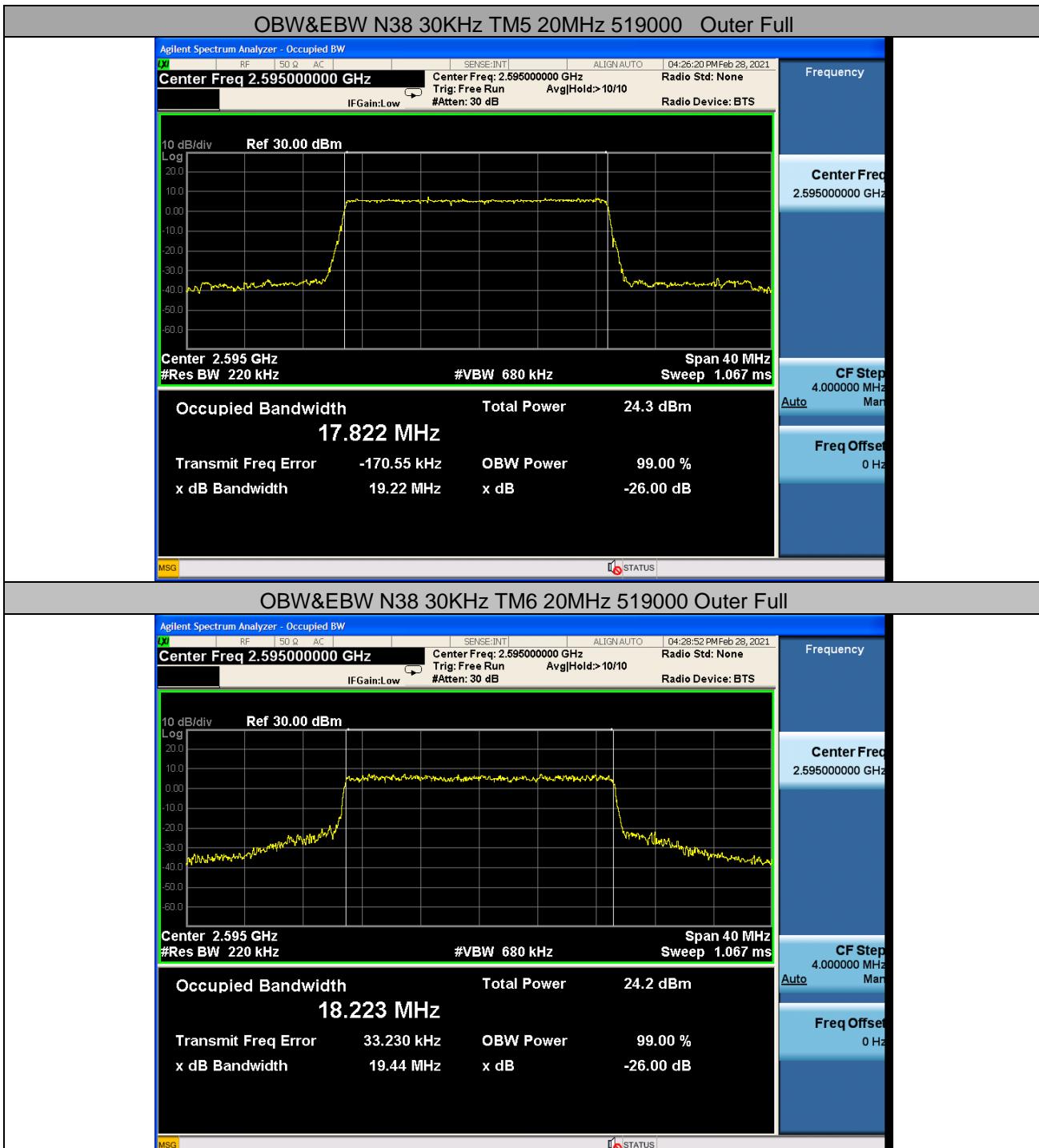
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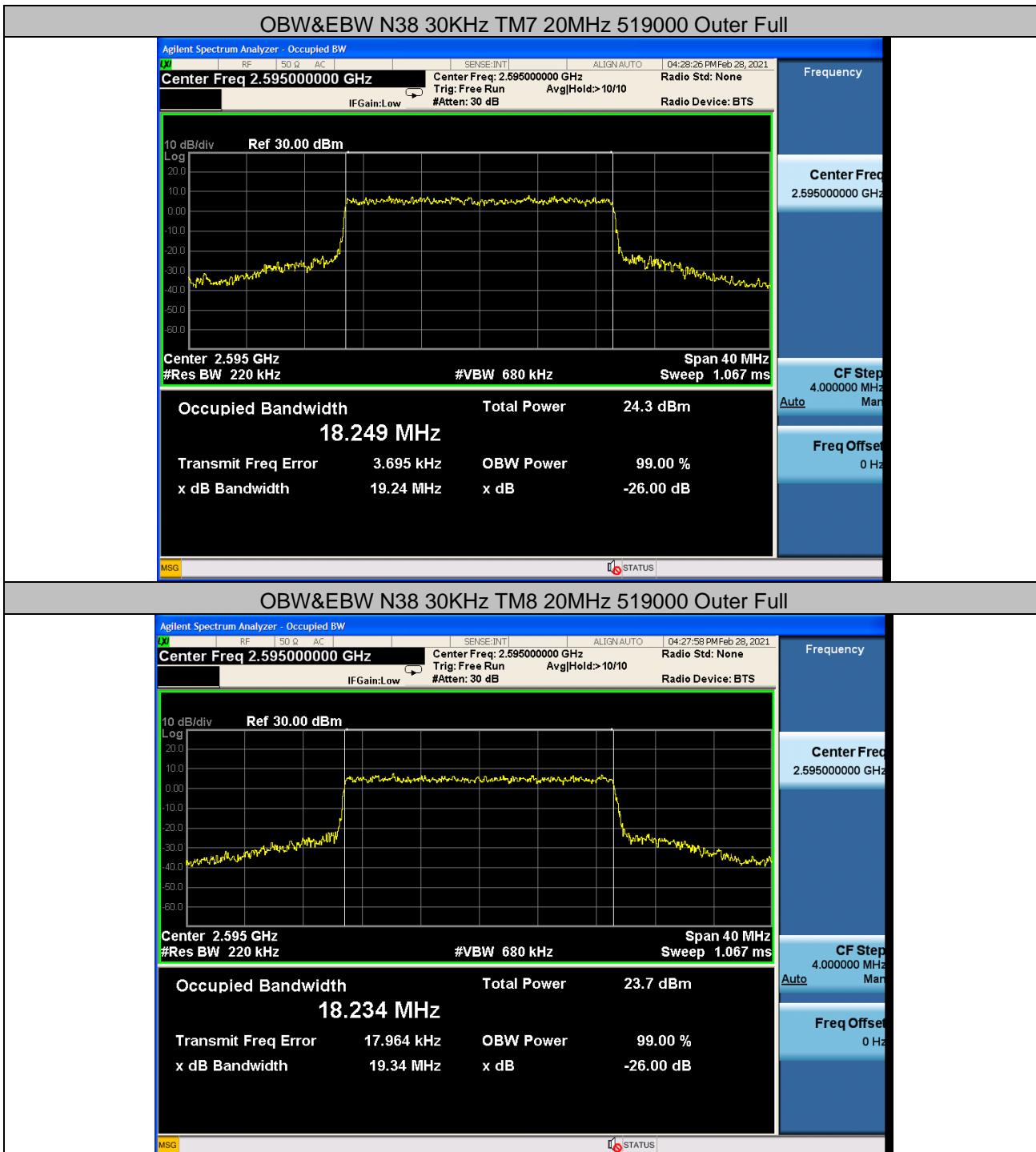
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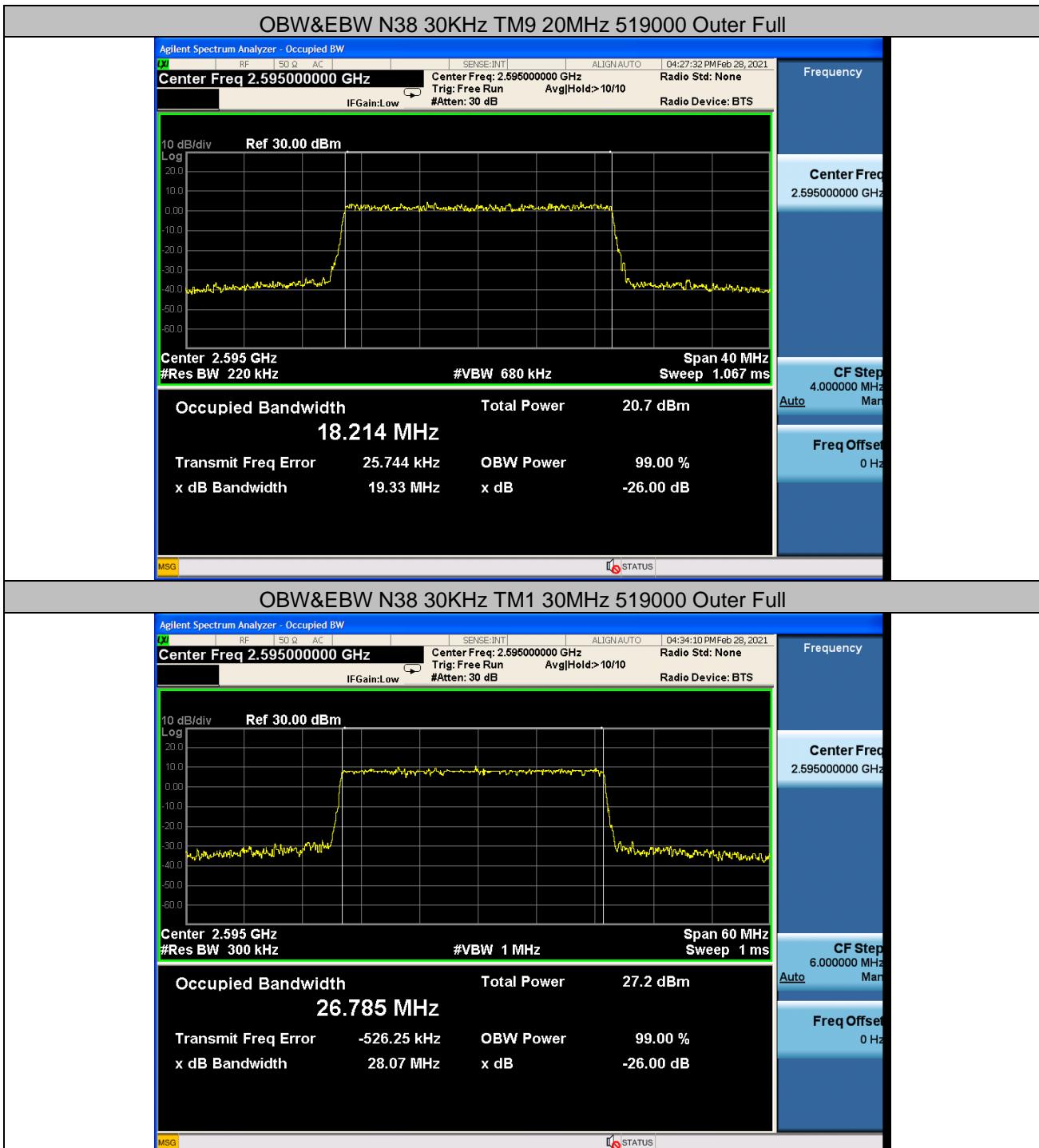
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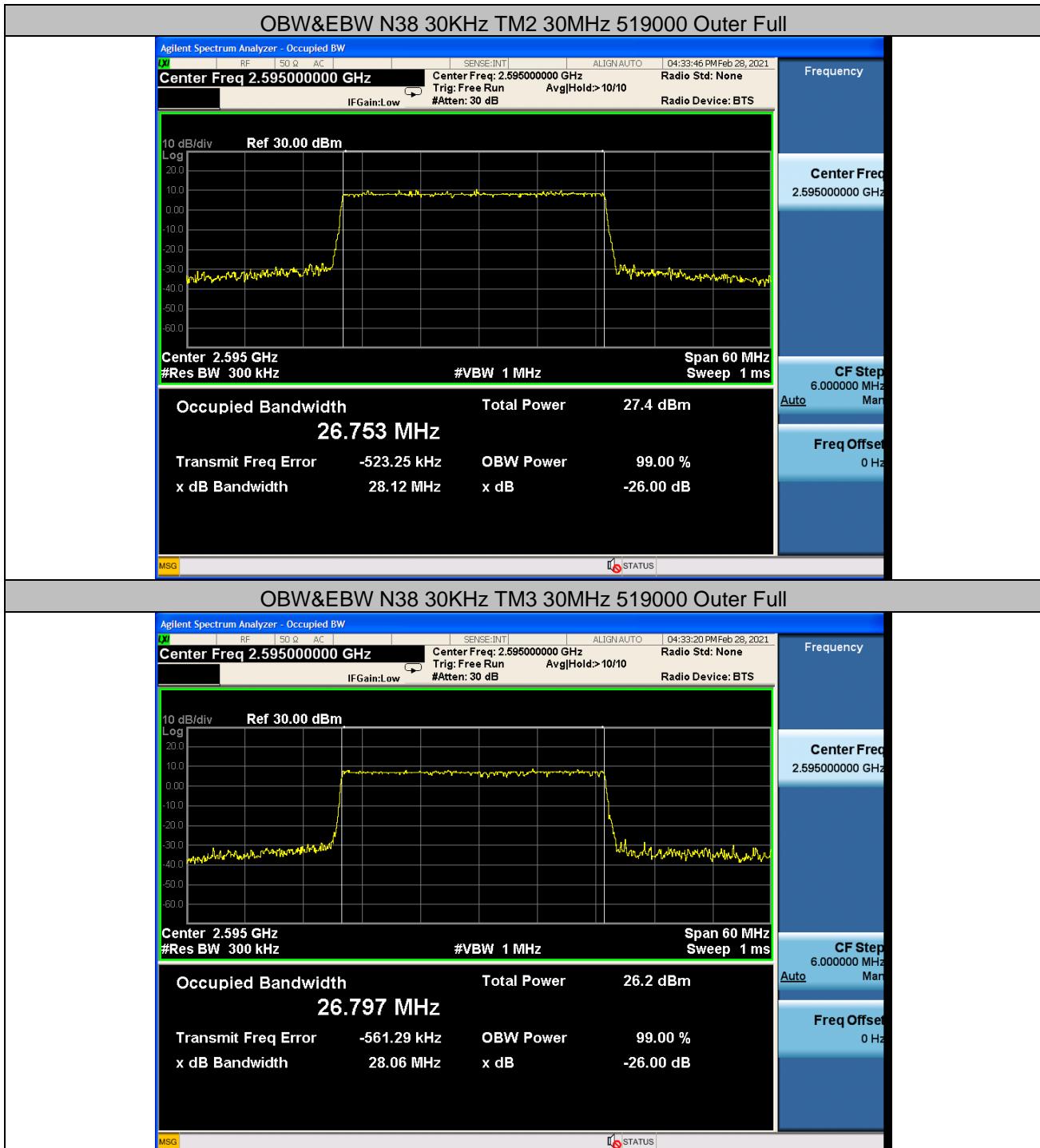
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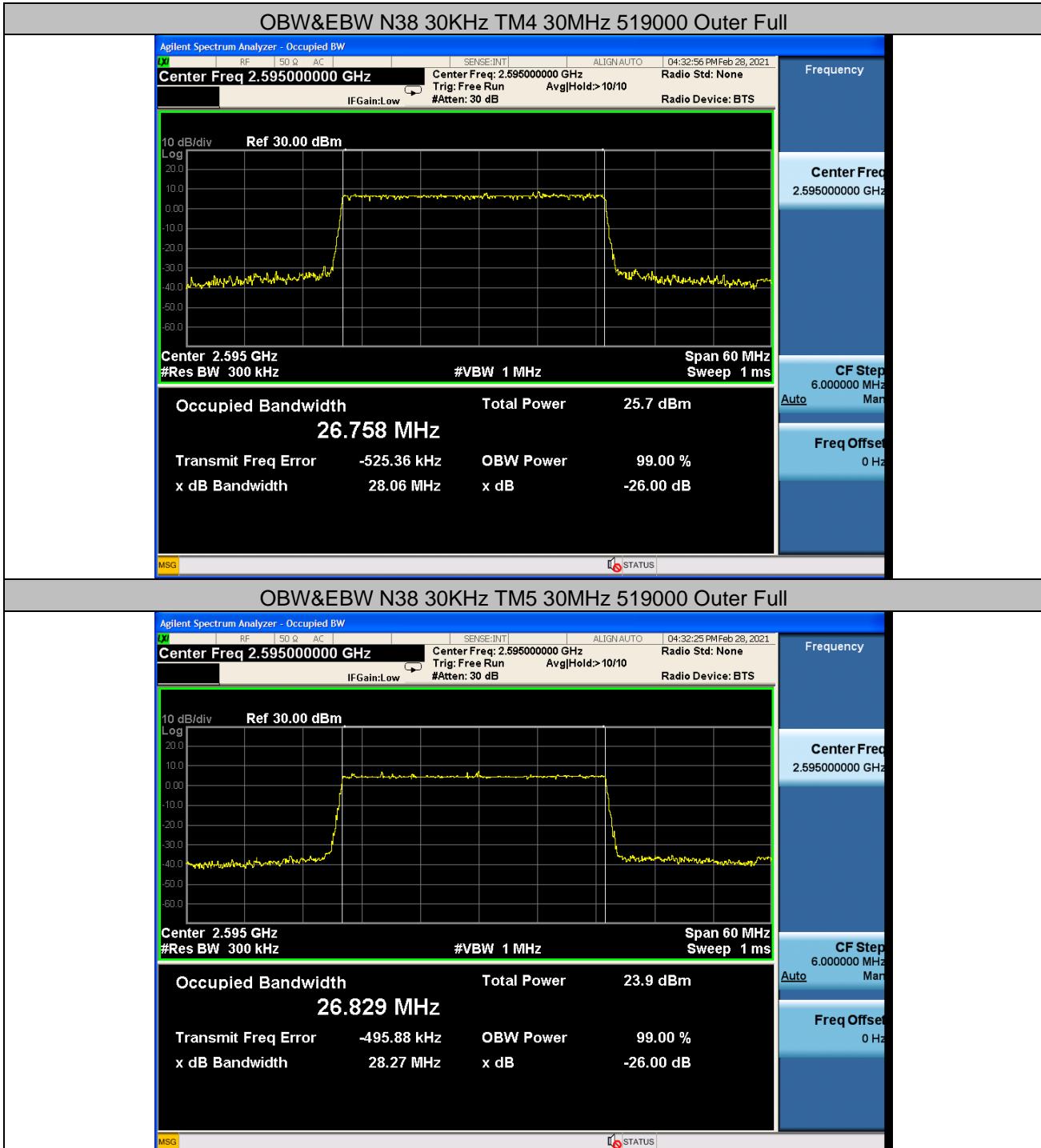
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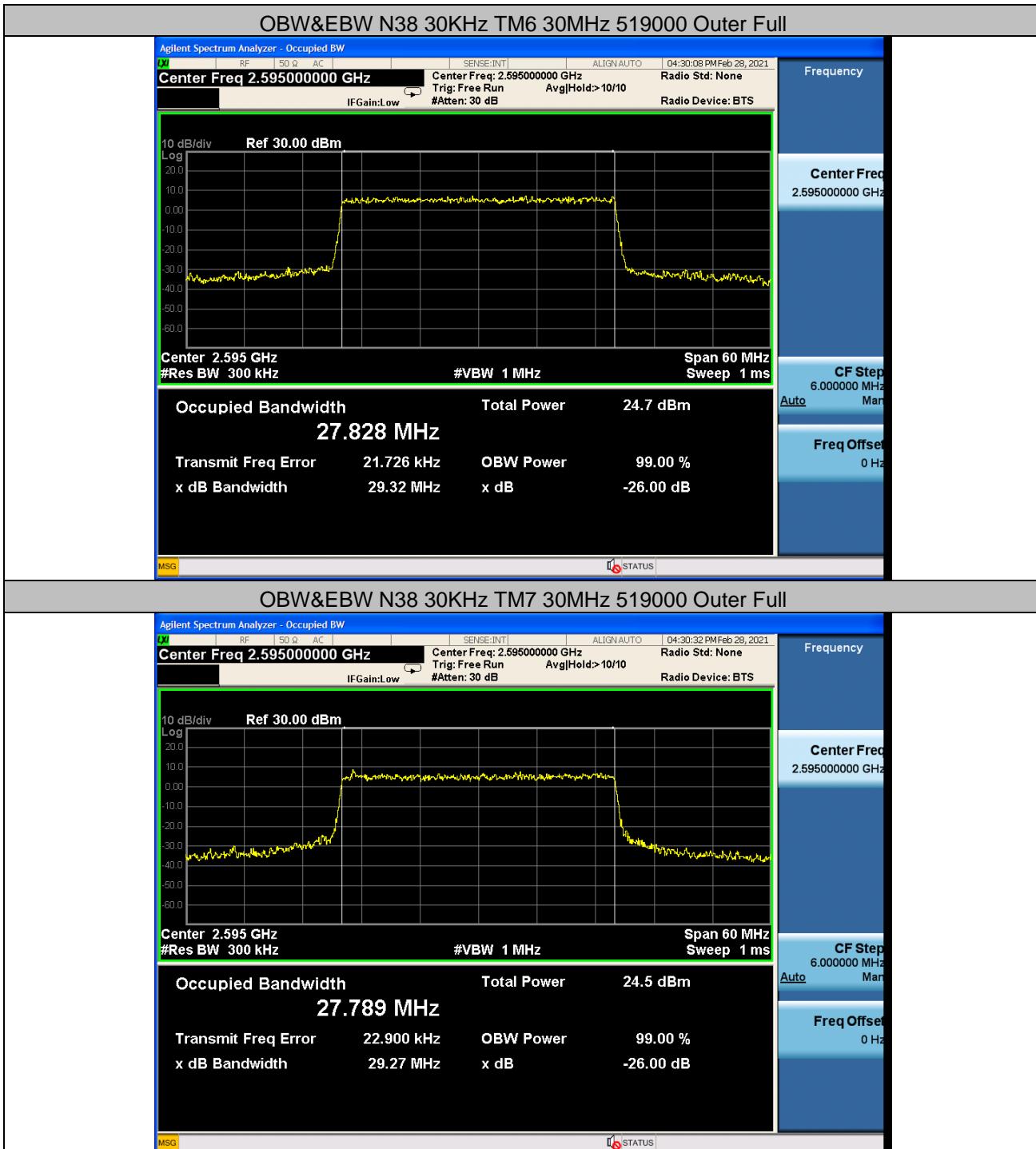
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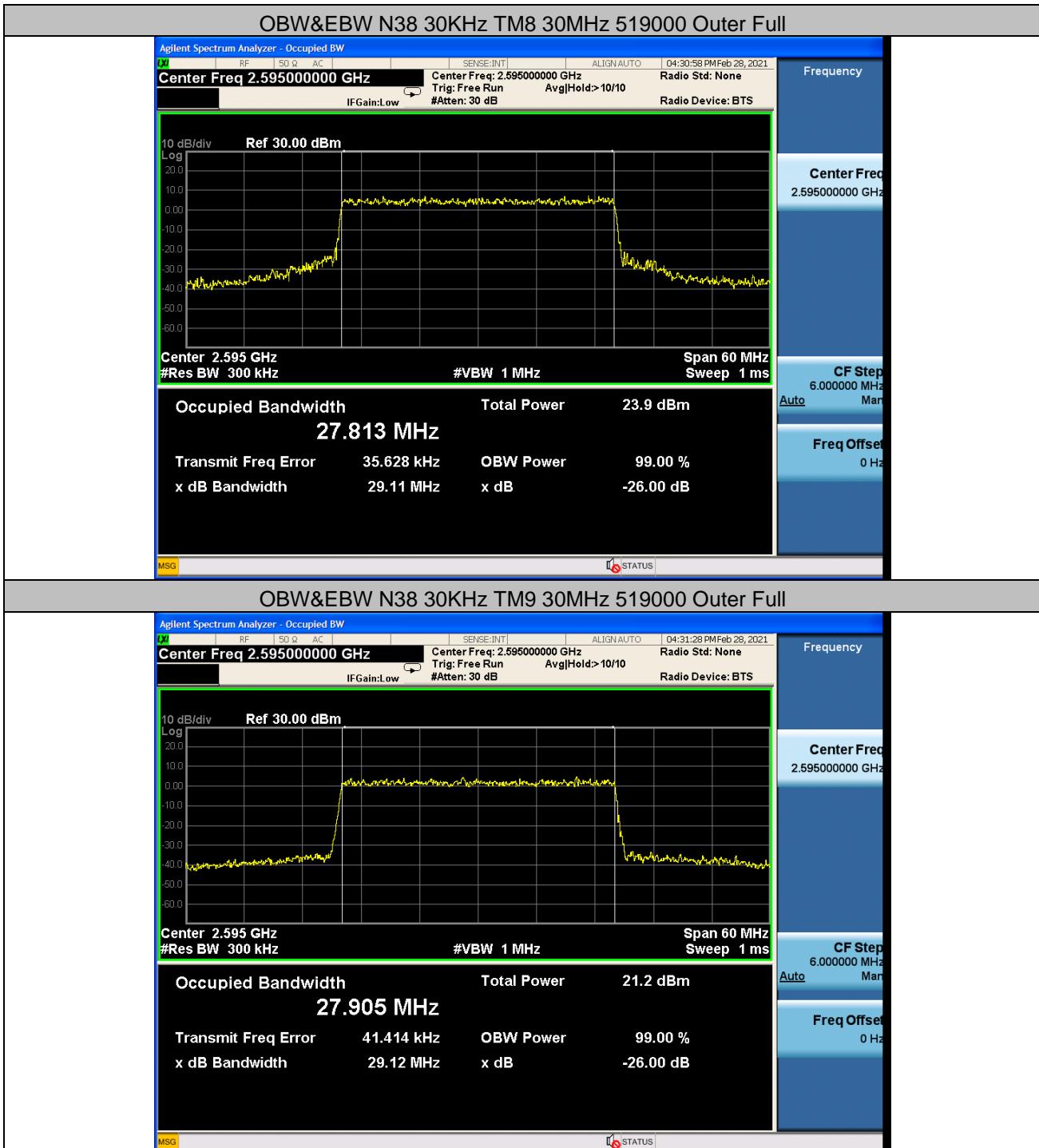
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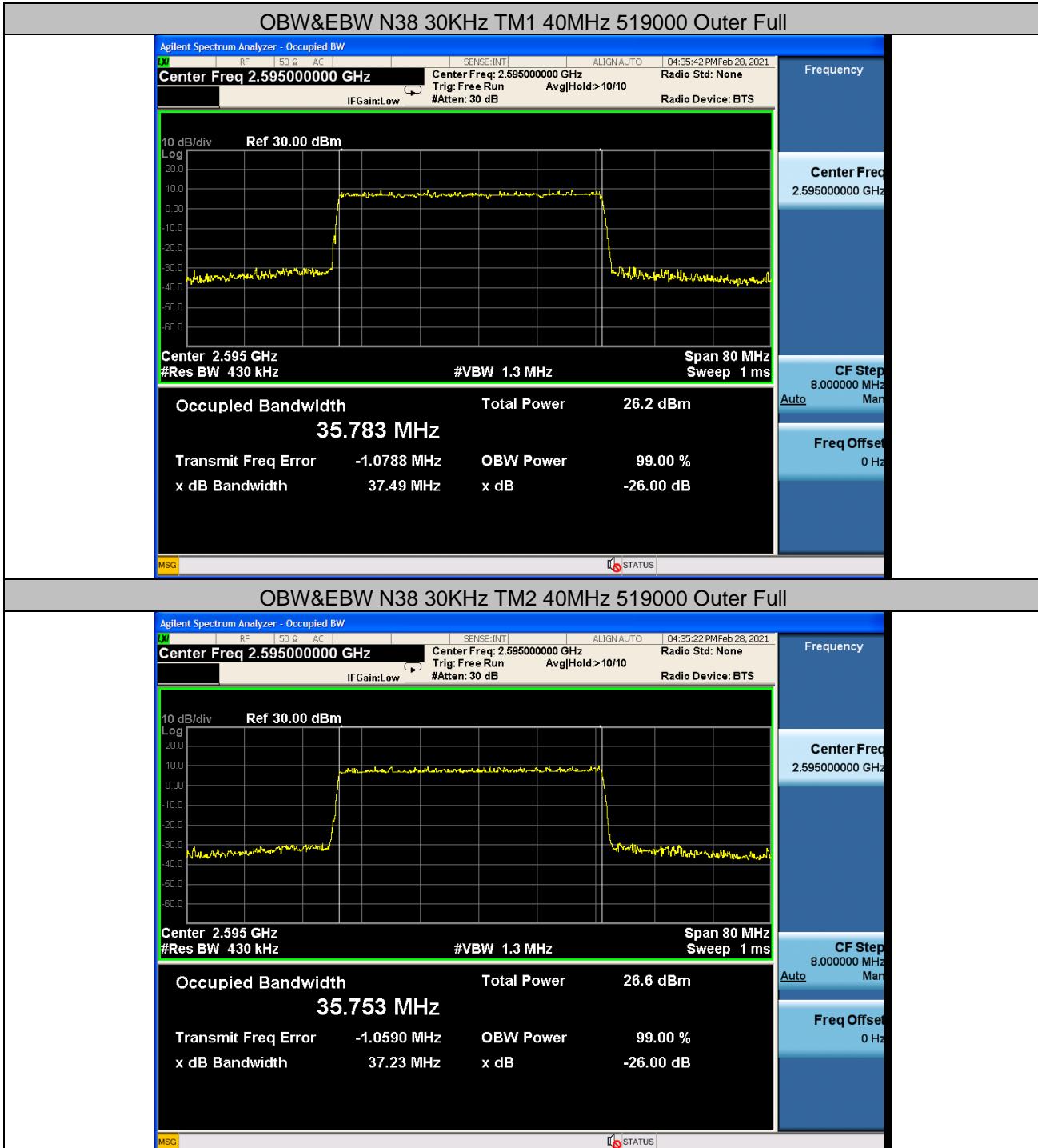
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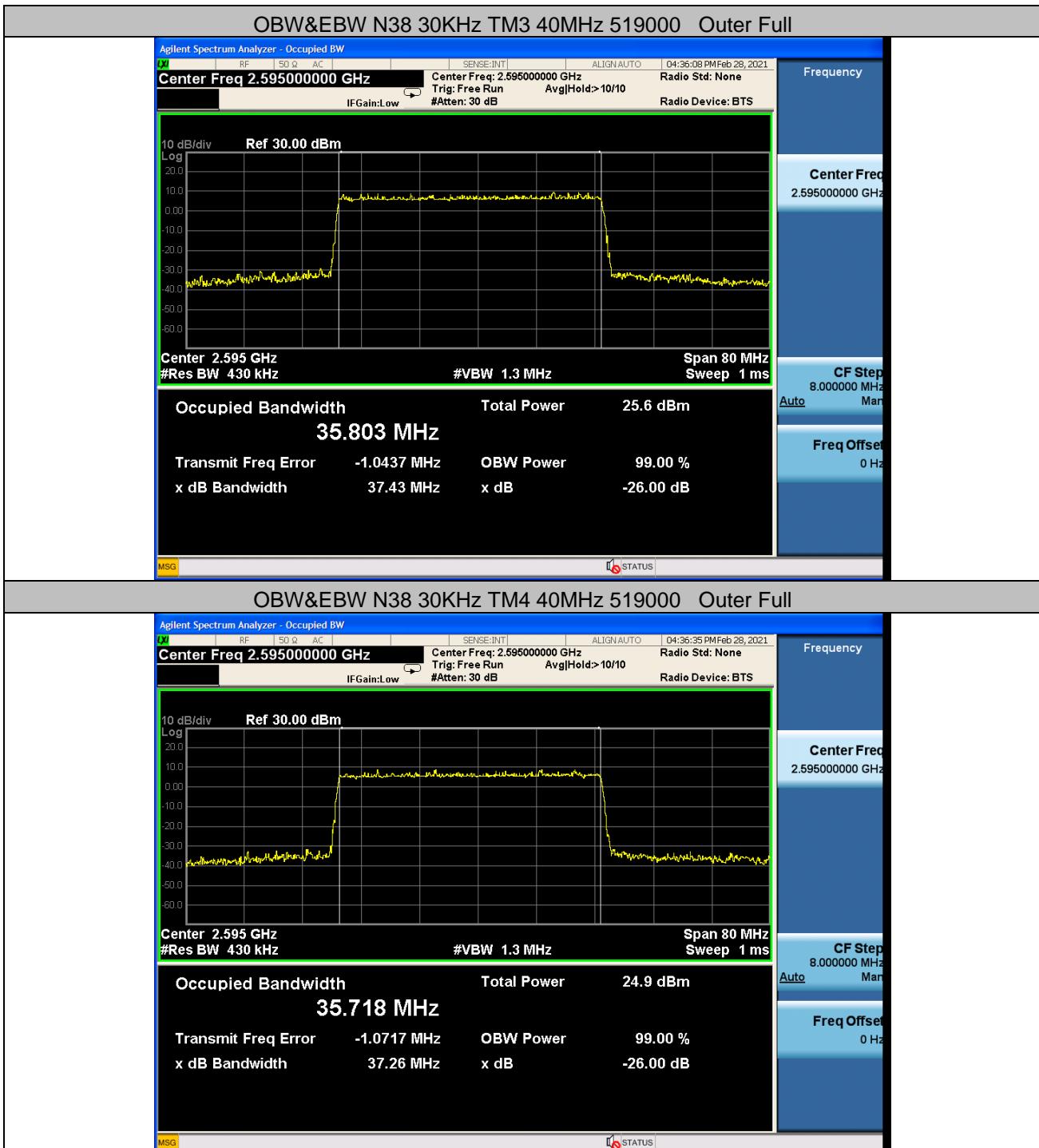
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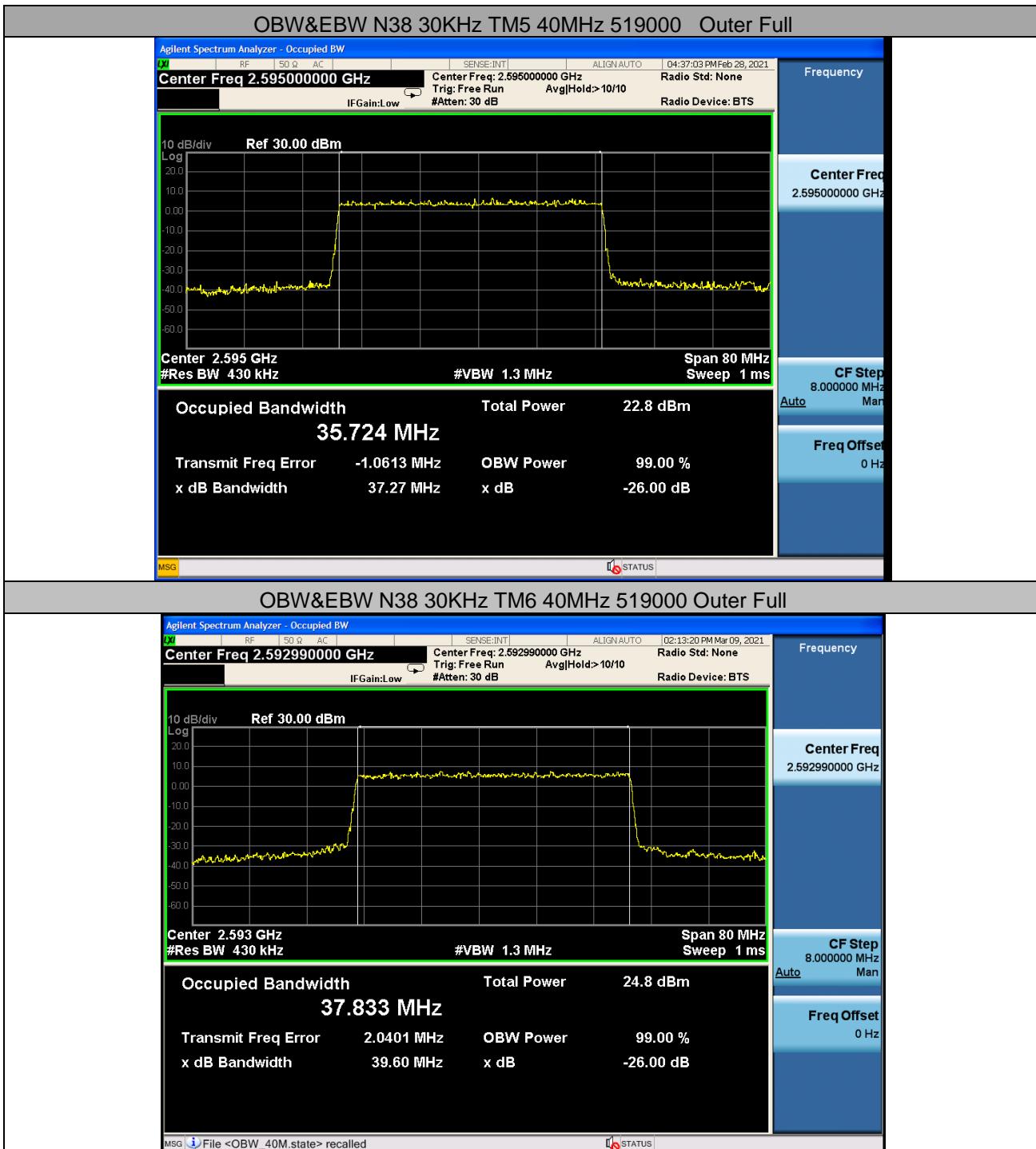
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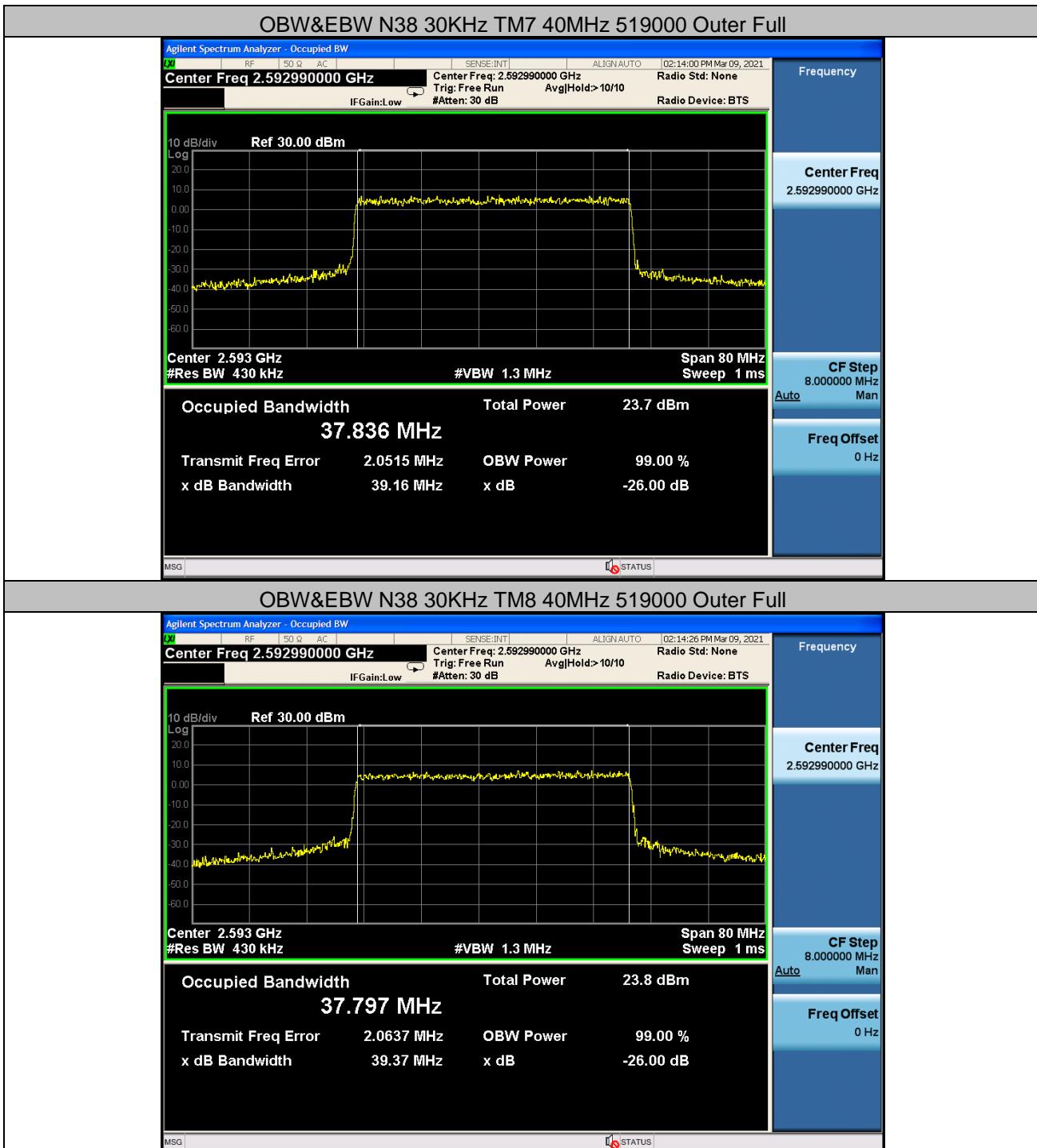
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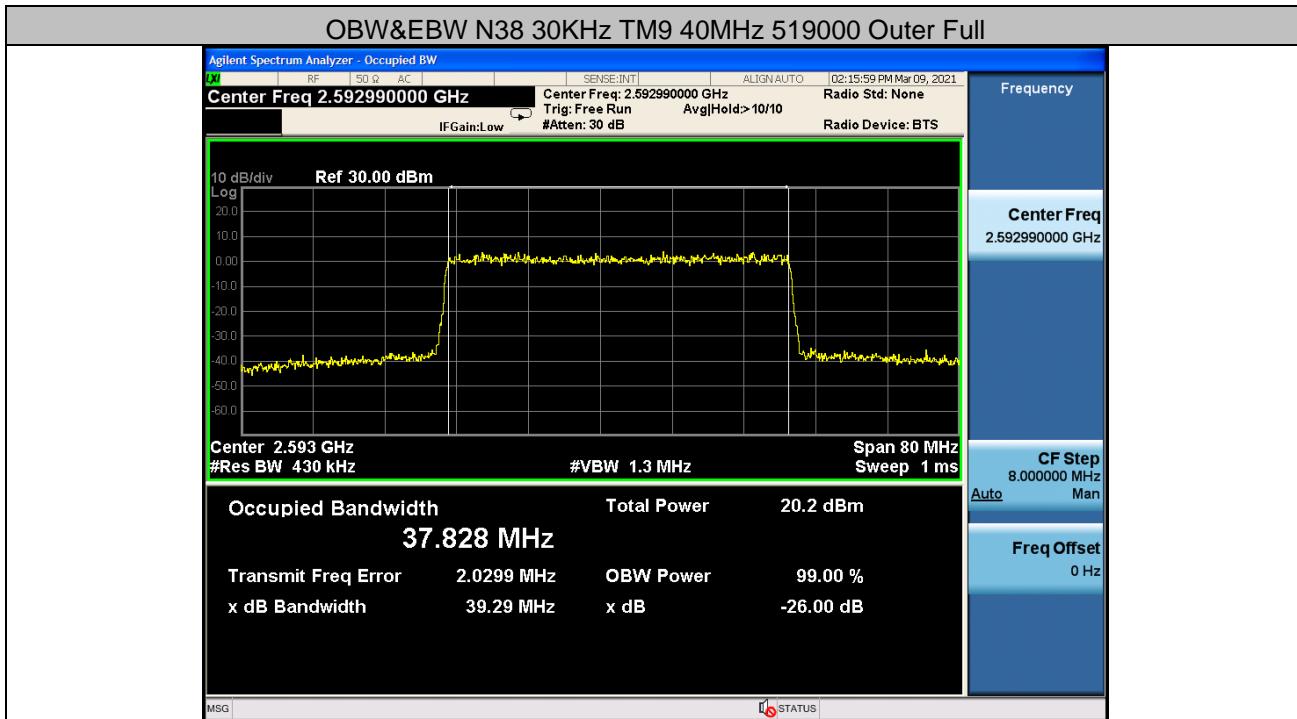
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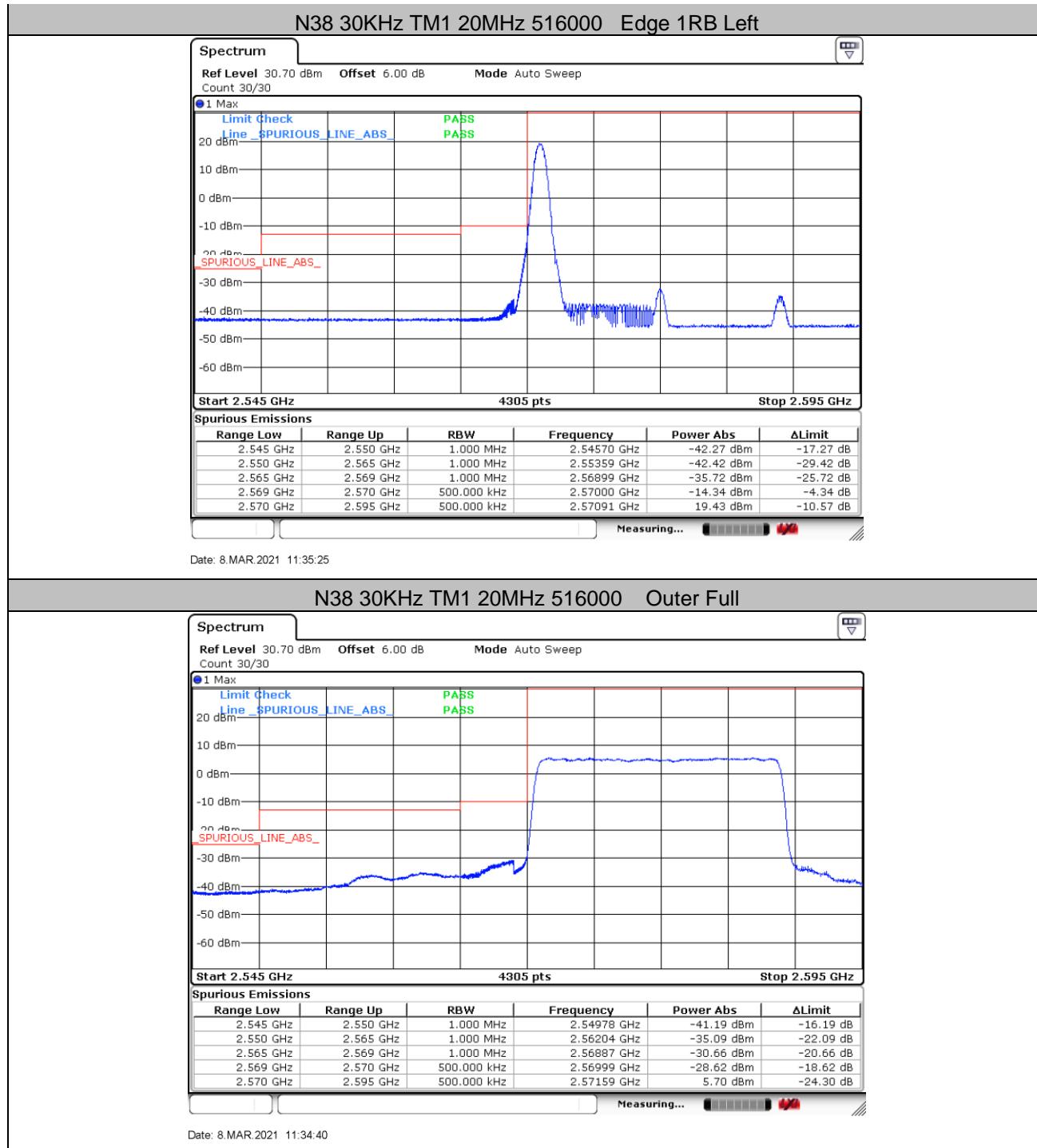
All antenna and all modulation had been tested, but only the worst case data displayed in this report

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5.1 Test Plots



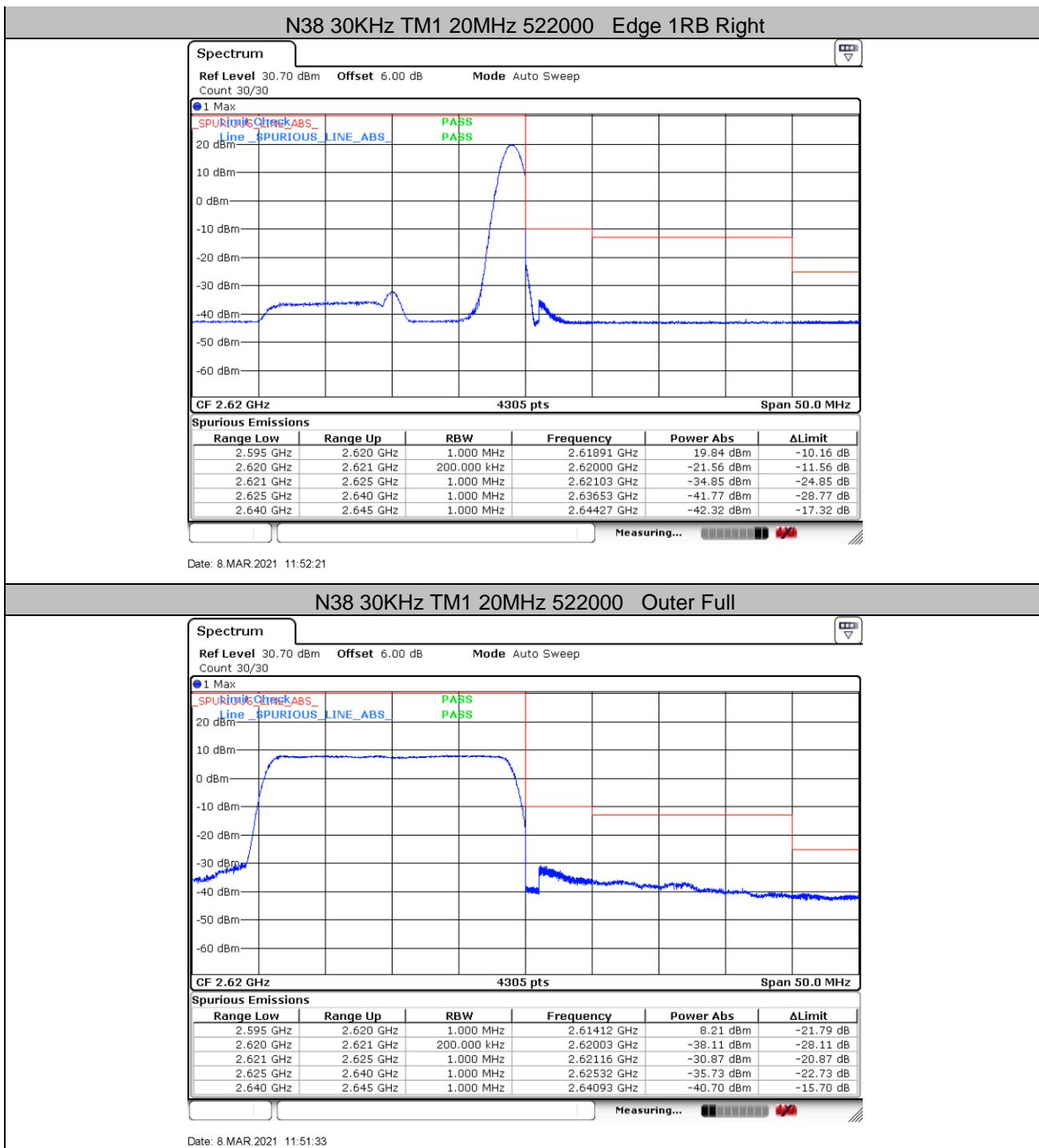
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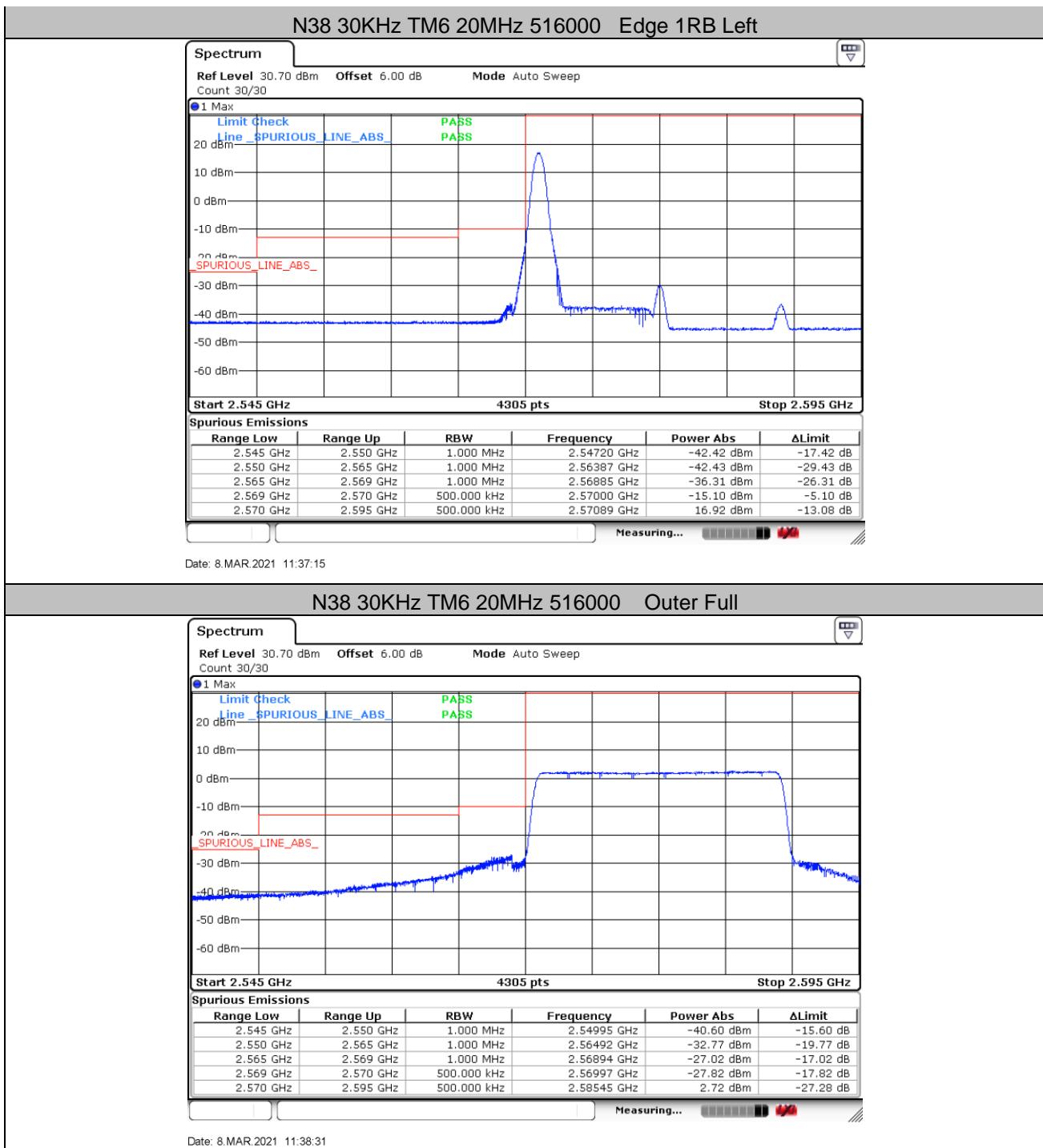
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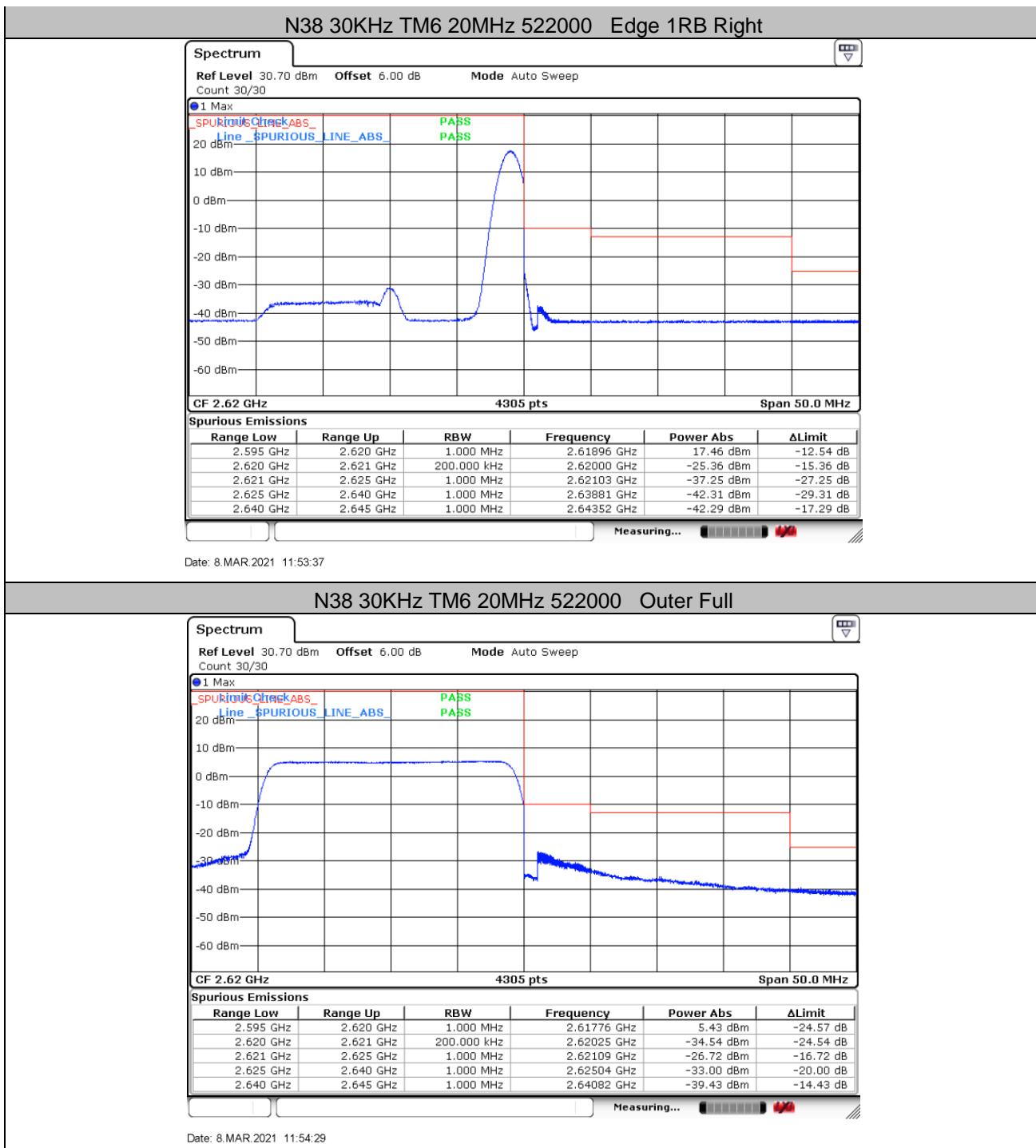
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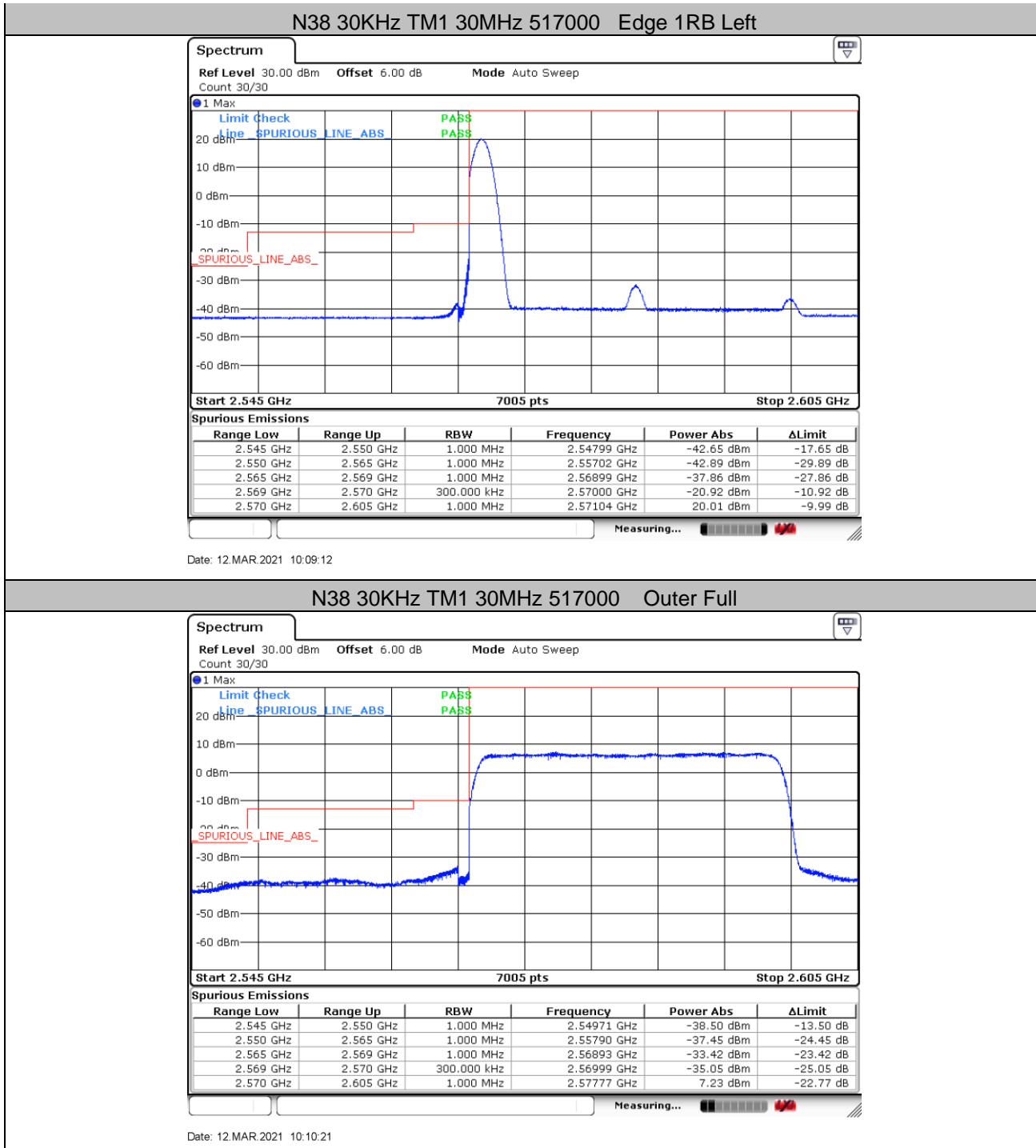
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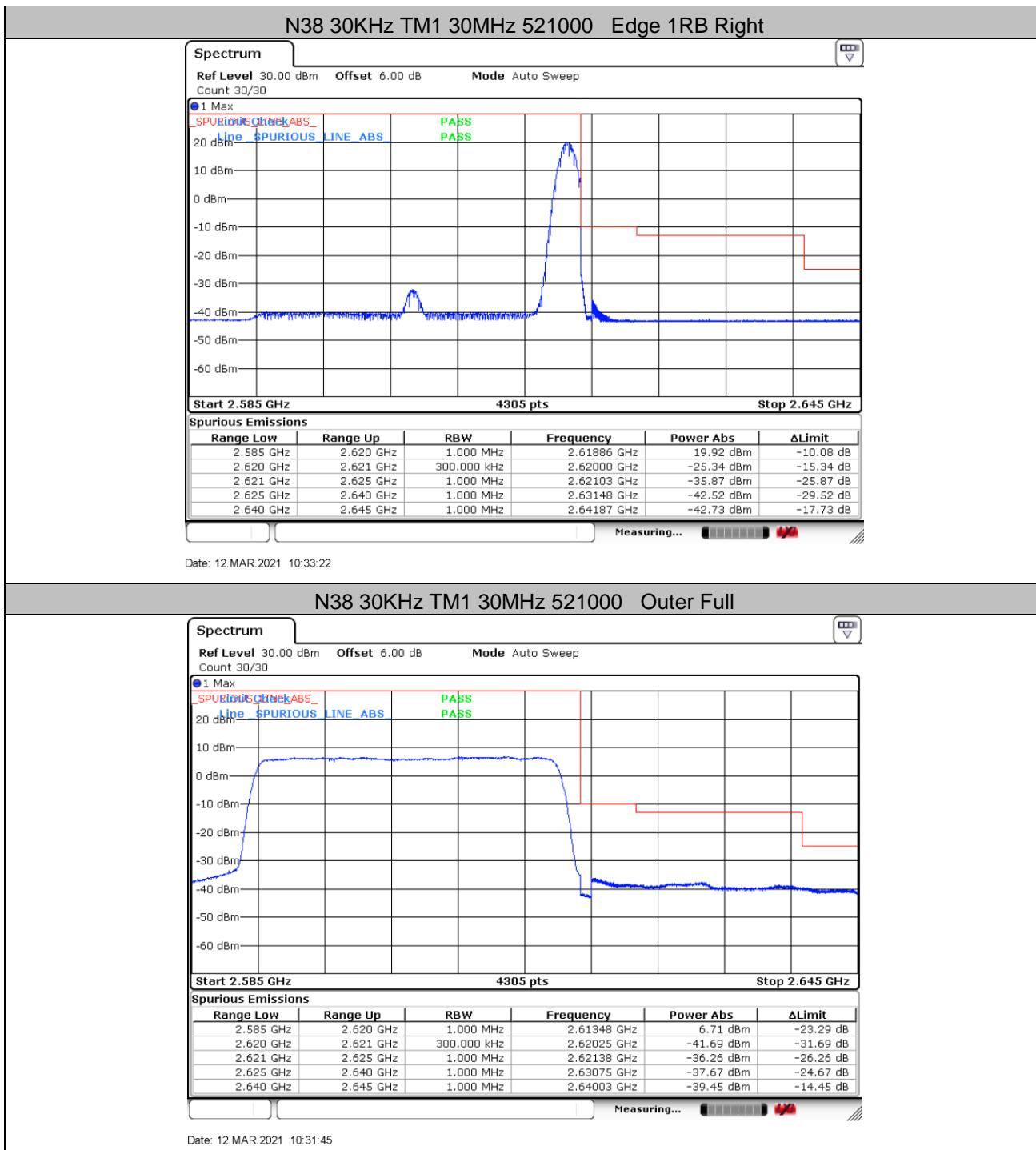




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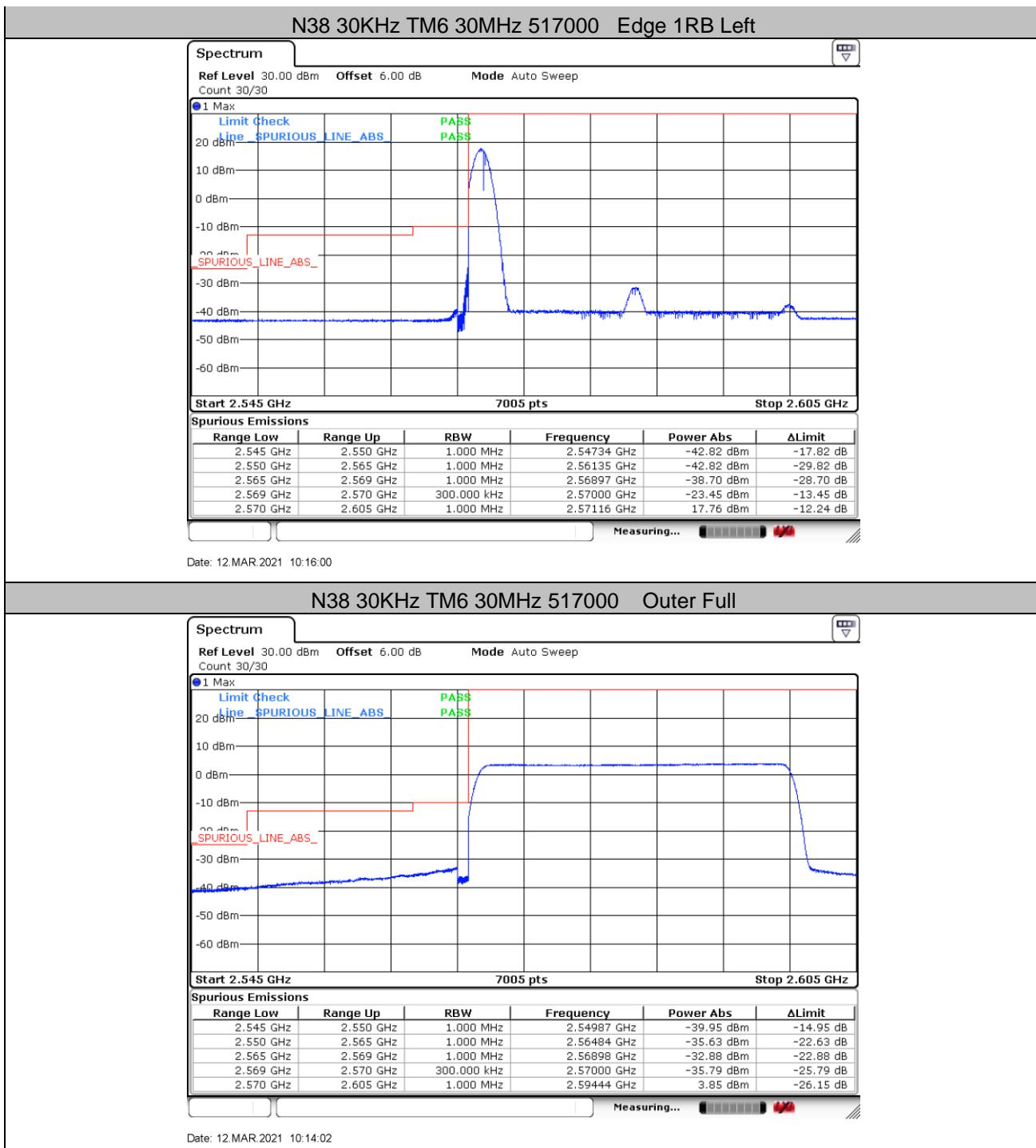
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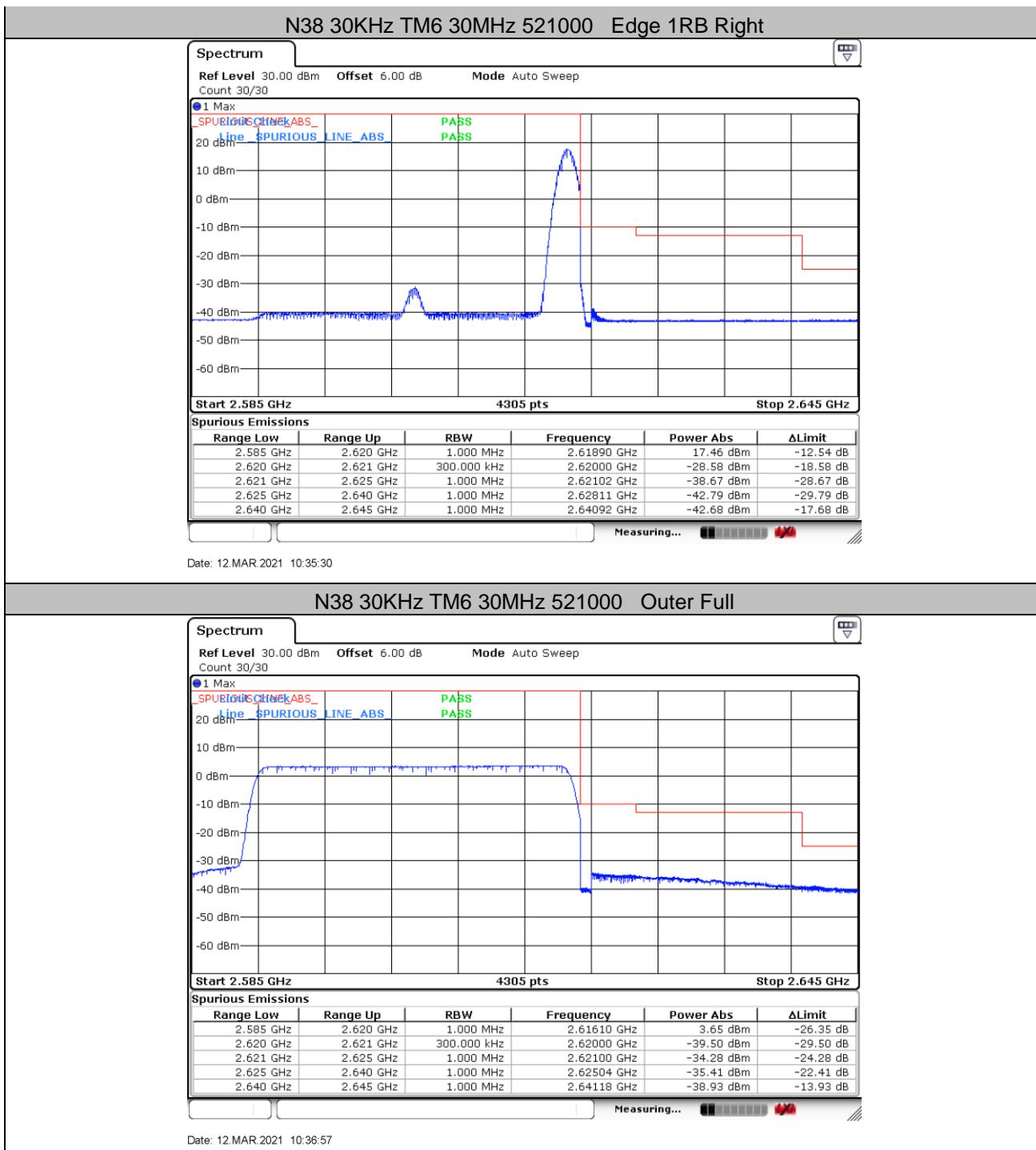
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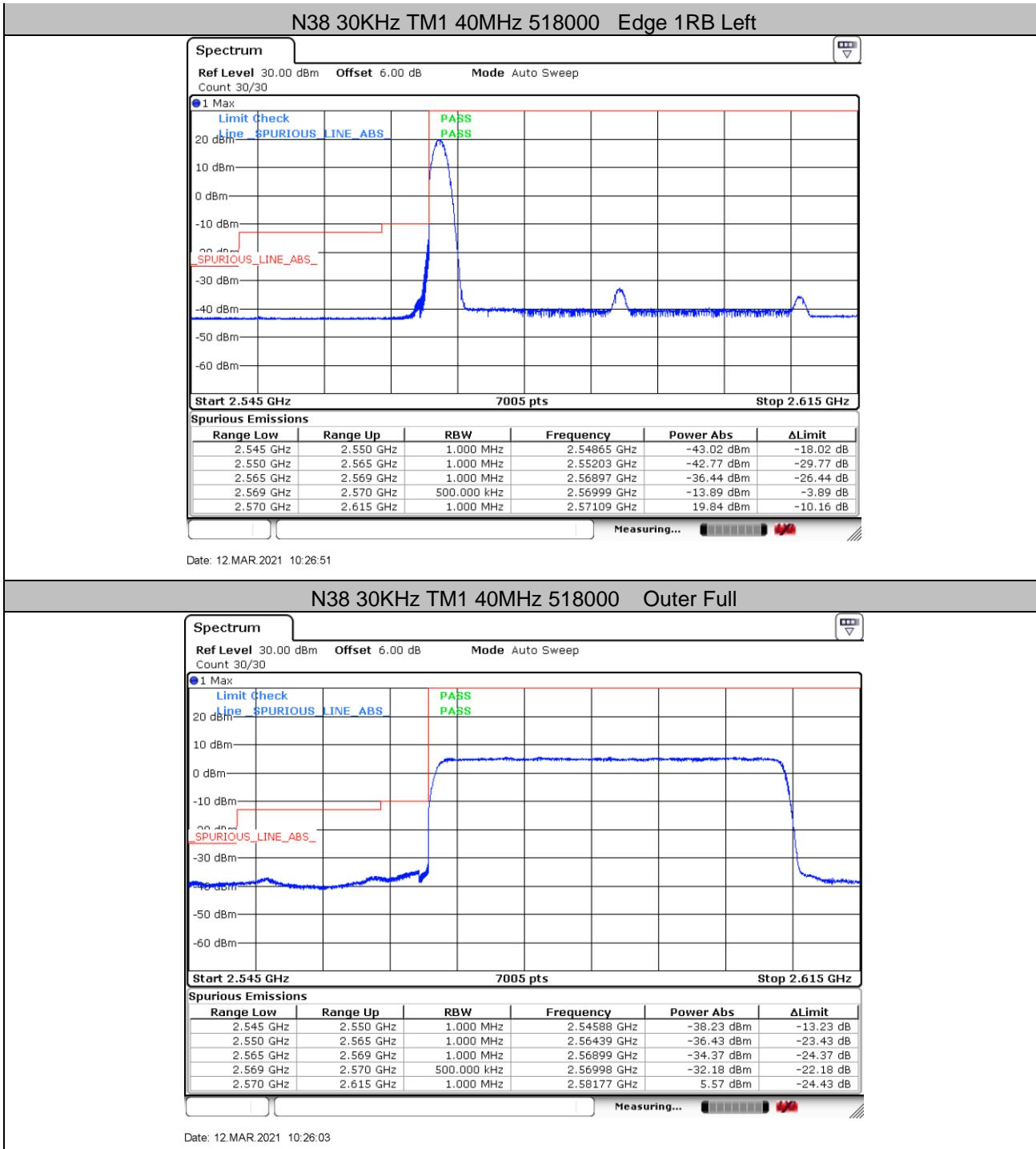
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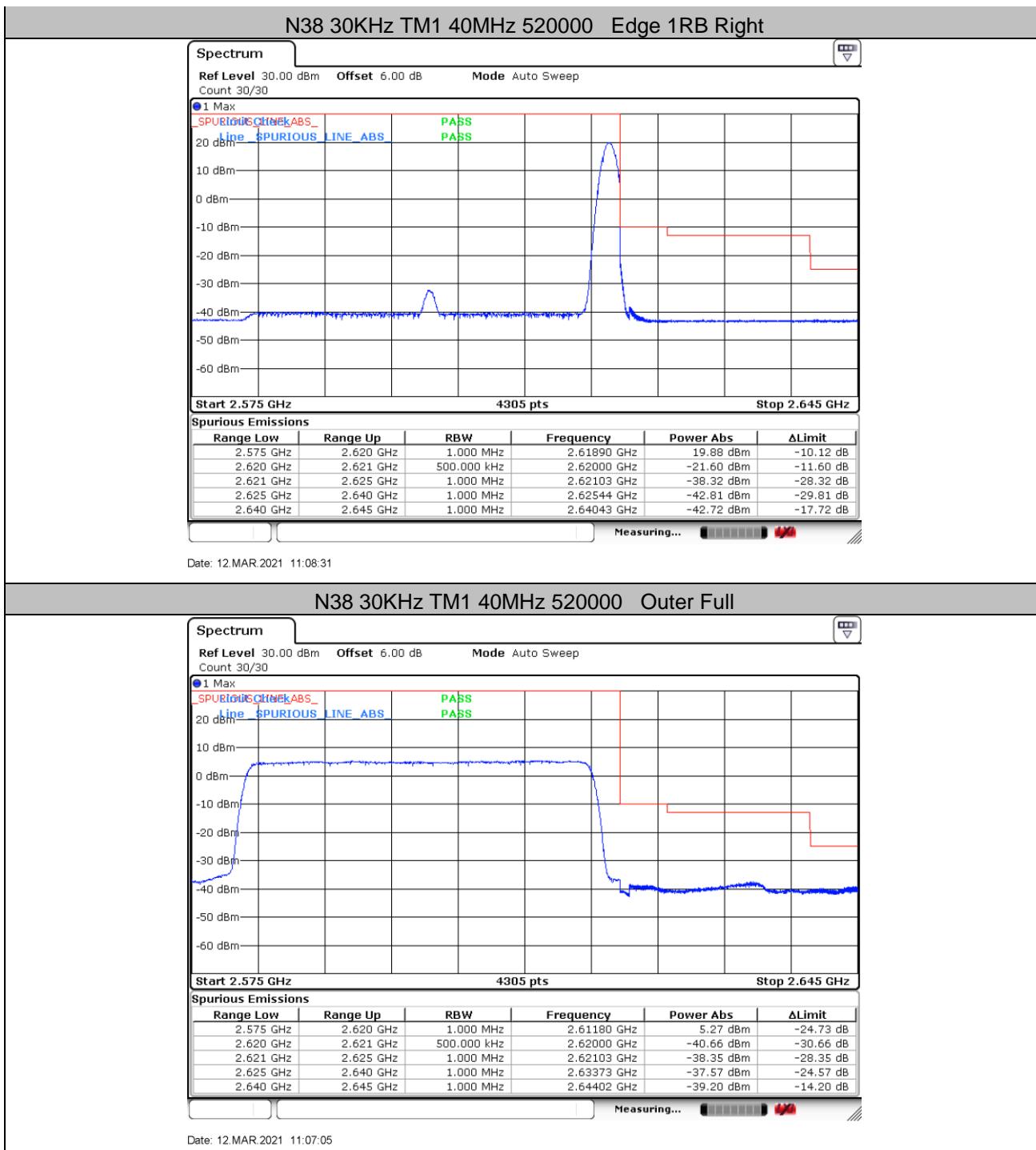
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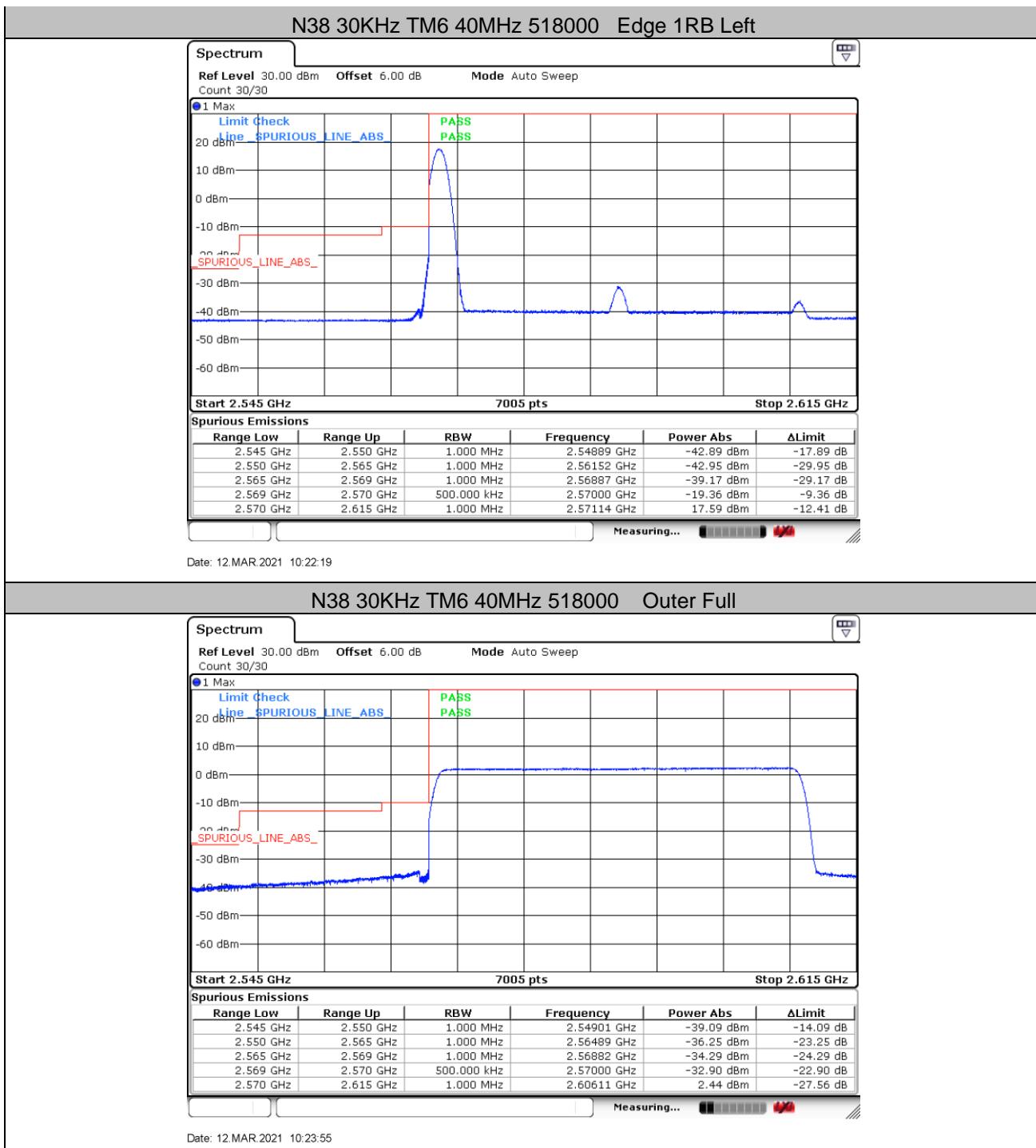


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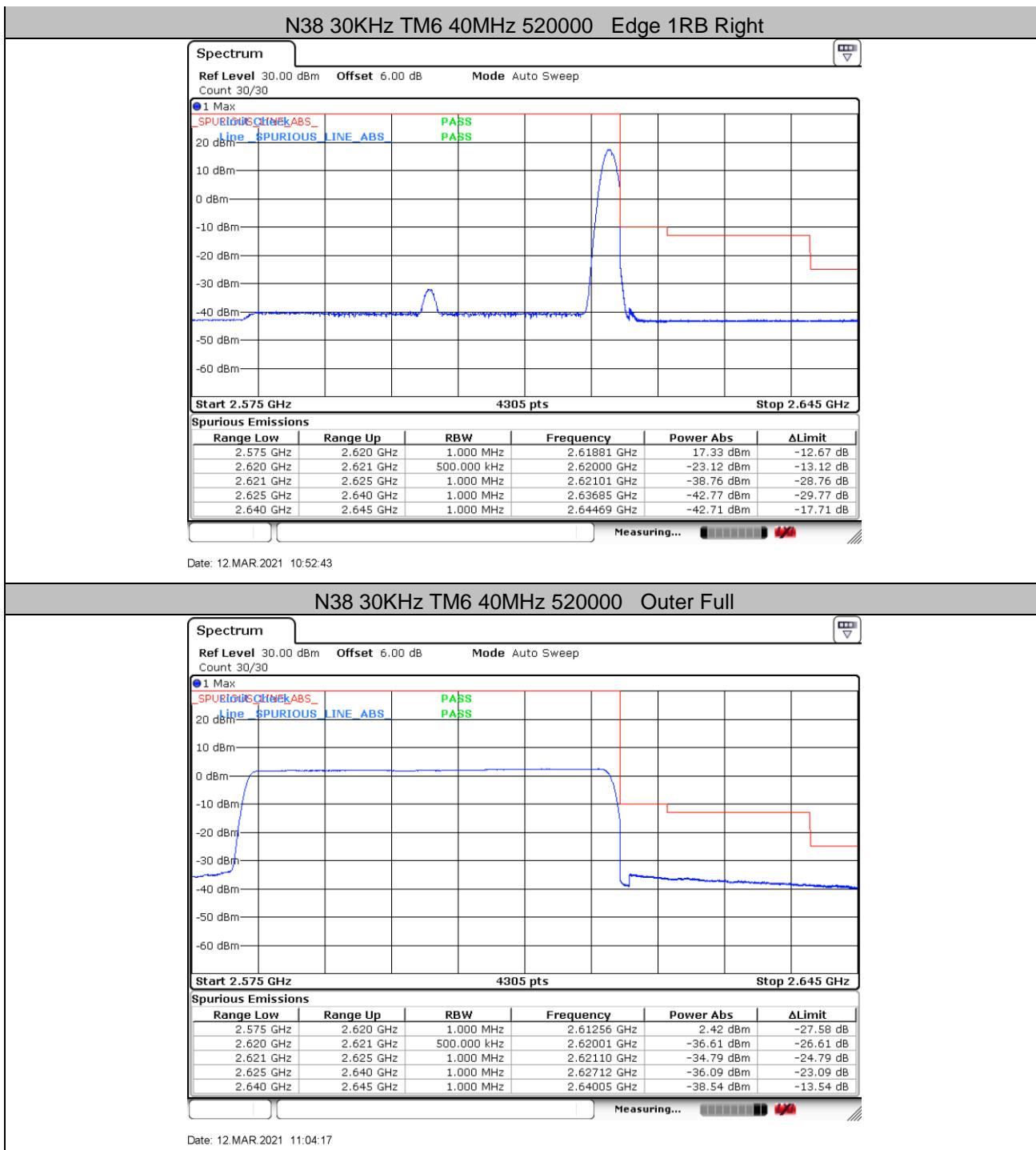
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REMARK:

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

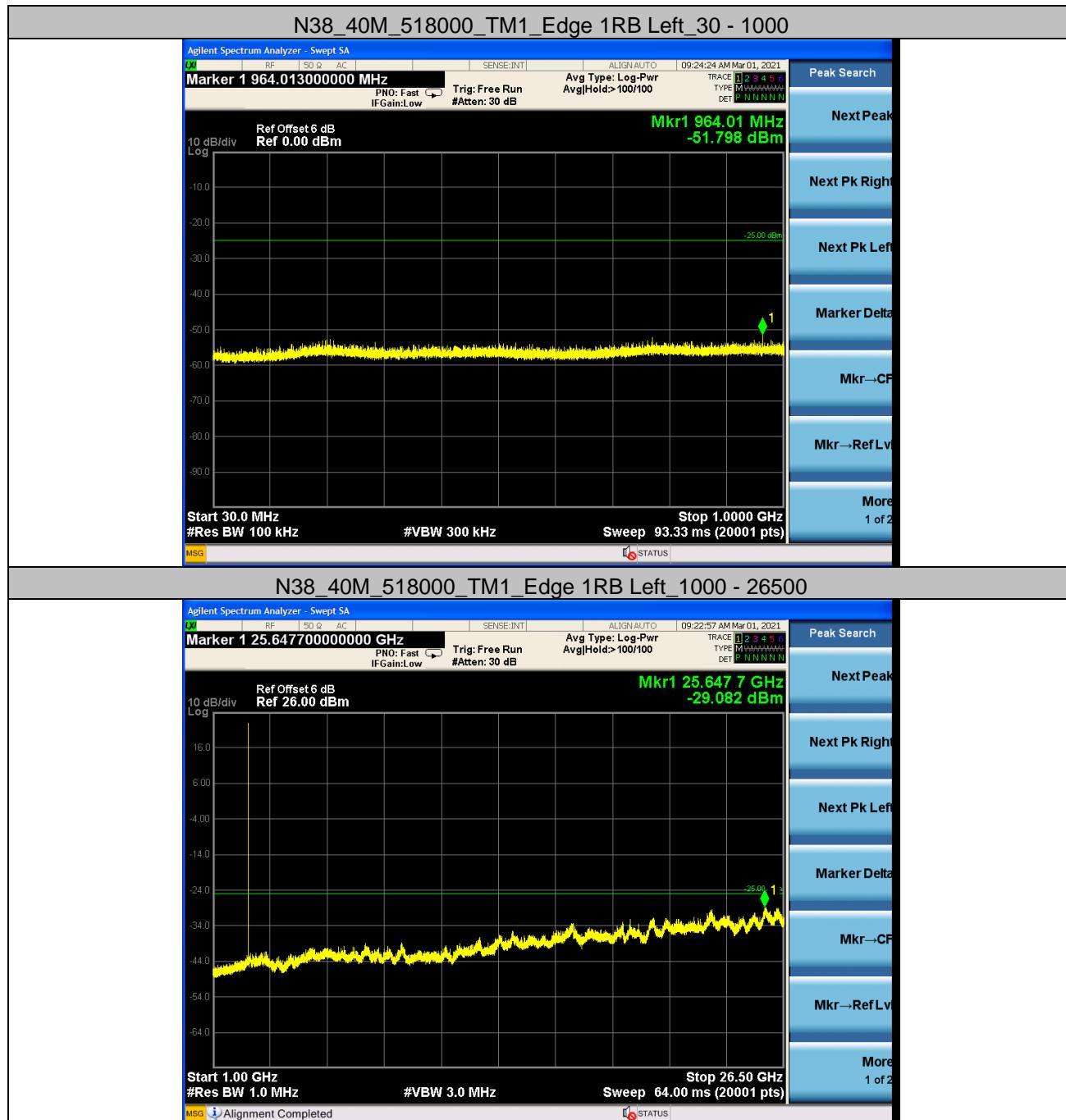
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6 Spurious Emission at Antenna Terminal

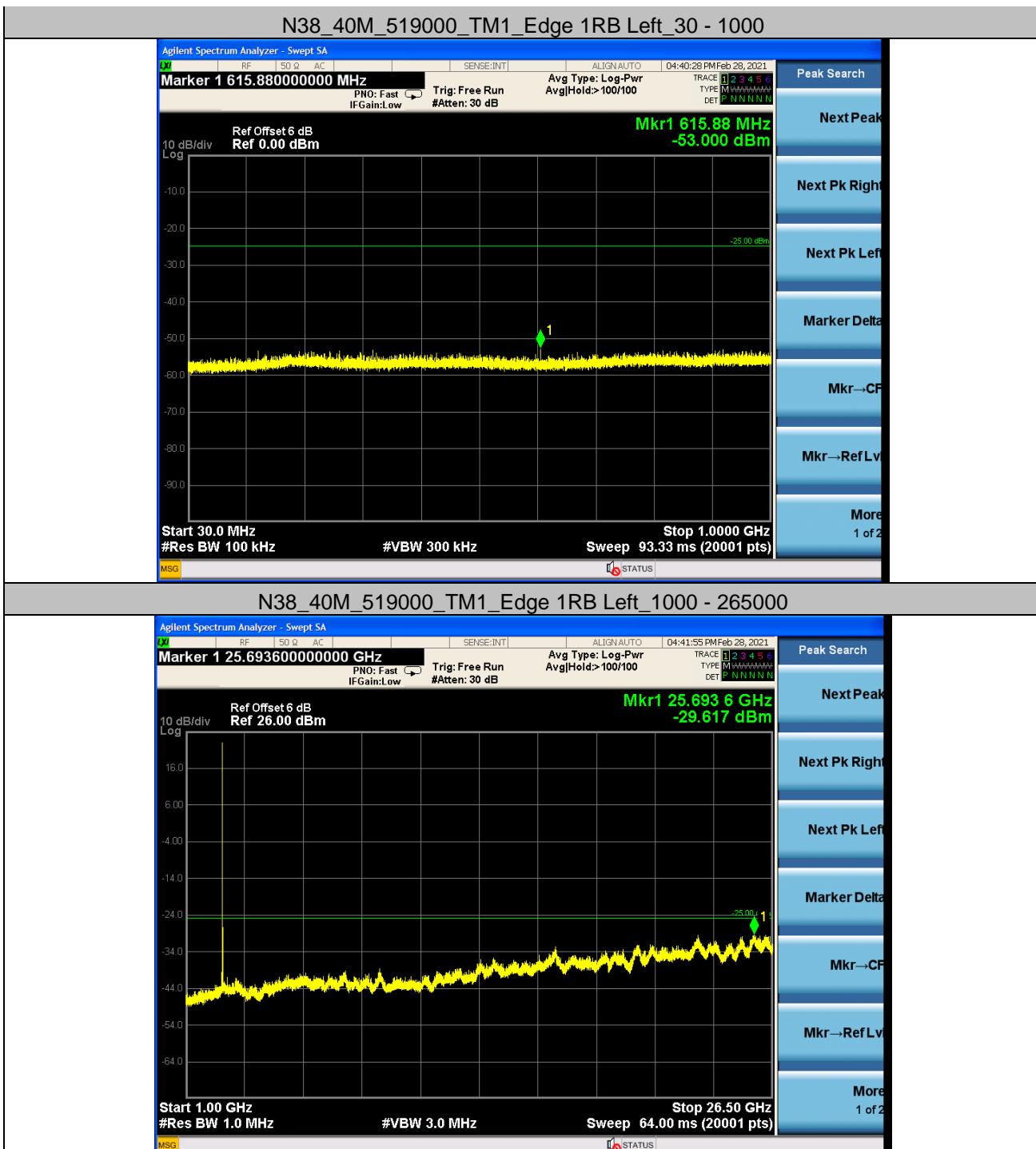
REMARK: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< \text{RBW}/2$ so that narrow Band signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k \cdot (\text{Span} / \text{RBW})$ " 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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REMARK:

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7 Field Strength of Spurious Radiation

7.1 Test Band = N38

7.1.1 Test Mode = 40MHz _ TM 1

7.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
40.4275	-73.92	-25.00	48.92	Vertical
73.8925	-69.69	-25.00	44.69	Vertical
184.9575	-77.42	-25.00	52.42	Vertical
1997.1499	-52.83	-25.00	27.83	Vertical
5157.8579	-52.54	-25.00	27.54	Vertical
17854.4927	-37.21	-25.00	12.21	Vertical
40.9125	-77.60	-25.00	52.60	Horizontal
88.4425	-77.24	-25.00	52.24	Horizontal
161.9200	-76.71	-25.00	51.71	Horizontal
1763.7382	-47.83	-25.00	22.83	Horizontal
5141.3571	-55.71	-25.00	30.71	Horizontal
17404.4702	-38.34	-25.00	13.34	Horizontal

7.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
41.3975	-75.02	-25.00	50.02	Vertical
70.9825	-70.51	-25.00	45.51	Vertical
534.4000	-82.67	-25.00	57.67	Vertical
1766.1383	-53.69	-25.00	28.69	Vertical
5188.6094	-49.87	-25.00	24.87	Vertical
17856.7428	-37.32	-25.00	12.32	Vertical
41.6400	-72.84	-25.00	47.84	Horizontal
161.9200	-76.23	-25.00	51.23	Horizontal
684.9925	-80.92	-25.00	55.92	Horizontal
1737.7369	-51.52	-25.00	26.52	Horizontal
5741.3871	-55.99	-25.00	30.99	Horizontal
17401.4701	-38.82	-25.00	13.82	Horizontal

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7.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
40.6700	-73.45	-25.00	48.45	Vertical
73.6500	-69.25	-25.00	44.25	Vertical
247.7650	-75.13	-25.00	50.13	Vertical
1435.2218	-55.00	-25.00	30.00	Vertical
5201.3601	-53.56	-25.00	28.56	Vertical
17862.7431	-36.75	-25.00	11.75	Vertical
40.1850	-77.02	-25.00	52.02	Horizontal
163.1325	-76.52	-25.00	51.52	Horizontal
450.9800	-82.39	-25.00	57.39	Horizontal
1838.7419	-52.09	-25.00	27.09	Horizontal
6763.6882	-55.66	-25.00	30.66	Horizontal
17400.7200	-38.59	-25.00	13.59	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 above 26.5GHz 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
N38	30KHz	40MHz	TM1	518000	Outer Full	VL	NT	-7.24	-0.00280	±2.5	PASS
N38	30KHz	40MHz	TM1	518000	Outer Full	VN	NT	11.84	0.00457	±2.5	PASS
N38	30KHz	40MHz	TM1	518000	Outer Full	VH	NT	9.70	0.00375	±2.5	PASS
N38	30KHz	40MHz	TM1	519000	Outer Full	VL	NT	-0.52	-0.00020	±2.5	PASS
N38	30KHz	40MHz	TM1	519000	Outer Full	VN	NT	12.28	0.00473	±2.5	PASS
N38	30KHz	40MHz	TM1	519000	Outer Full	VH	NT	-4.50	-0.00173	±2.5	PASS
N38	30KHz	40MHz	TM1	520000	Outer Full	VL	NT	-0.41	-0.00016	±2.5	PASS
N38	30KHz	40MHz	TM1	520000	Outer Full	VN	NT	2.11	0.00081	±2.5	PASS
N38	30KHz	40MHz	TM1	520000	Outer Full	VH	NT	2.00	0.00077	±2.5	PASS
N38	30KHz	40MHz	TM6	518000	Outer Full	VL	NT	7.89	0.00305	±2.5	PASS
N38	30KHz	40MHz	TM6	518000	Outer Full	VN	NT	-0.10	-0.00004	±2.5	PASS
N38	30KHz	40MHz	TM6	518000	Outer Full	VH	NT	12.60	0.00486	±2.5	PASS
N38	30KHz	40MHz	TM6	519000	Outer Full	VL	NT	11.37	0.00438	±2.5	PASS
N38	30KHz	40MHz	TM6	519000	Outer Full	VN	NT	-3.41	-0.00131	±2.5	PASS
N38	30KHz	40MHz	TM6	519000	Outer Full	VH	NT	-10.73	-0.00413	±2.5	PASS
N38	30KHz	40MHz	TM6	520000	Outer Full	VL	NT	11.40	0.00438	±2.5	PASS
N38	30KHz	40MHz	TM6	520000	Outer Full	VN	NT	5.90	0.00227	±2.5	PASS
N38	30KHz	40MHz	TM6	520000	Outer Full	VH	NT	12.37	0.00476	±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
N38	30KHz	40MHz	TM1	518000	Outer Full	VN	-30	2.43	0.00094	±2.5	PASS
N38	30KHz	40MHz	TM1	518000	Outer Full	VN	-20	-12.96	-0.00500	±2.5	PASS
N38	30KHz	40MHz	TM1	518000	Outer Full	VN	-10	12.67	0.00489	±2.5	PASS
N38	30KHz	40MHz	TM1	518000	Outer Full	VN	0	-2.56	-0.00099	±2.5	PASS
N38	30KHz	40MHz	TM1	518000	Outer Full	VN	10	-3.19	-0.00123	±2.5	PASS
N38	30KHz	40MHz	TM1	518000	Outer Full	VN	20	4.23	0.00163	±2.5	PASS
N38	30KHz	40MHz	TM1	518000	Outer Full	VN	30	-5.89	-0.00227	±2.5	PASS
N38	30KHz	40MHz	TM1	518000	Outer Full	VN	40	6.54	0.00253	±2.5	PASS
N38	30KHz	40MHz	TM1	518000	Outer Full	VN	50	0.26	0.00010	±2.5	PASS
N38	30KHz	40MHz	TM1	519000	Outer Full	VN	-30	-1.88	-0.00072	±2.5	PASS
N38	30KHz	40MHz	TM1	519000	Outer Full	VN	-20	-2.65	-0.00102	±2.5	PASS
N38	30KHz	40MHz	TM1	519000	Outer Full	VN	-10	1.94	0.00075	±2.5	PASS
N38	30KHz	40MHz	TM1	519000	Outer Full	VN	0	6.13	0.00236	±2.5	PASS
N38	30KHz	40MHz	TM1	519000	Outer Full	VN	10	7.48	0.00288	±2.5	PASS
N38	30KHz	40MHz	TM1	519000	Outer Full	VN	20	-1.59	-0.00061	±2.5	PASS
N38	30KHz	40MHz	TM1	519000	Outer Full	VN	30	-12.21	-0.00471	±2.5	PASS

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N38	30KHz	40MHz	TM1	519000	Outer Full	VN	40	9.72	0.00375	±2.5	PASS
N38	30KHz	40MHz	TM1	519000	Outer Full	VN	50	11.66	0.00449	±2.5	PASS
N38	30KHz	40MHz	TM1	520000	Outer Full	VN	-30	-5.15	-0.00198	±2.5	PASS
N38	30KHz	40MHz	TM1	520000	Outer Full	VN	-20	7.11	0.00273	±2.5	PASS
N38	30KHz	40MHz	TM1	520000	Outer Full	VN	-10	-3.41	-0.00131	±2.5	PASS
N38	30KHz	40MHz	TM1	520000	Outer Full	VN	0	-10.79	-0.00415	±2.5	PASS
N38	30KHz	40MHz	TM1	520000	Outer Full	VN	10	-6.42	-0.00247	±2.5	PASS
N38	30KHz	40MHz	TM1	520000	Outer Full	VN	20	-4.73	-0.00182	±2.5	PASS
N38	30KHz	40MHz	TM1	520000	Outer Full	VN	30	-6.12	-0.00235	±2.5	PASS
N38	30KHz	40MHz	TM1	520000	Outer Full	VN	40	2.75	0.00106	±2.5	PASS
N38	30KHz	40MHz	TM1	520000	Outer Full	VN	50	-9.02	-0.00347	±2.5	PASS
N38	30KHz	40MHz	TM6	518000	Outer Full	VN	-30	-2.01	-0.00078	±2.5	PASS
N38	30KHz	40MHz	TM6	518000	Outer Full	VN	-20	12.17	0.00470	±2.5	PASS
N38	30KHz	40MHz	TM6	518000	Outer Full	VN	-10	4.63	0.00179	±2.5	PASS
N38	30KHz	40MHz	TM6	518000	Outer Full	VN	0	-0.68	-0.00026	±2.5	PASS
N38	30KHz	40MHz	TM6	518000	Outer Full	VN	10	-3.07	-0.00119	±2.5	PASS
N38	30KHz	40MHz	TM6	518000	Outer Full	VN	20	-2.31	-0.00089	±2.5	PASS
N38	30KHz	40MHz	TM6	518000	Outer Full	VN	30	-7.91	-0.00305	±2.5	PASS
N38	30KHz	40MHz	TM6	518000	Outer Full	VN	40	1.87	0.00072	±2.5	PASS
N38	30KHz	40MHz	TM6	518000	Outer Full	VN	50	-3.59	-0.00139	±2.5	PASS
N38	30KHz	40MHz	TM6	519000	Outer Full	VN	-30	-1.69	-0.00065	±2.5	PASS
N38	30KHz	40MHz	TM6	519000	Outer Full	VN	-20	2.79	0.00108	±2.5	PASS
N38	30KHz	40MHz	TM6	519000	Outer Full	VN	-10	-9.65	-0.00372	±2.5	PASS
N38	30KHz	40MHz	TM6	519000	Outer Full	VN	0	13.49	0.00520	±2.5	PASS
N38	30KHz	40MHz	TM6	519000	Outer Full	VN	10	12.73	0.00491	±2.5	PASS
N38	30KHz	40MHz	TM6	519000	Outer Full	VN	20	11.81	0.00455	±2.5	PASS
N38	30KHz	40MHz	TM6	519000	Outer Full	VN	30	-10.85	-0.00418	±2.5	PASS
N38	30KHz	40MHz	TM6	519000	Outer Full	VN	40	1.70	0.00066	±2.5	PASS
N38	30KHz	40MHz	TM6	519000	Outer Full	VN	50	3.67	0.00141	±2.5	PASS
N38	30KHz	40MHz	TM6	520000	Outer Full	VN	-30	13.97	0.00537	±2.5	PASS
N38	30KHz	40MHz	TM6	520000	Outer Full	VN	-20	3.41	0.00131	±2.5	PASS
N38	30KHz	40MHz	TM6	520000	Outer Full	VN	-10	-10.17	-0.00391	±2.5	PASS
N38	30KHz	40MHz	TM6	520000	Outer Full	VN	0	4.53	0.00174	±2.5	PASS
N38	30KHz	40MHz	TM6	520000	Outer Full	VN	10	0.70	0.00027	±2.5	PASS
N38	30KHz	40MHz	TM6	520000	Outer Full	VN	20	-7.72	-0.00297	±2.5	PASS
N38	30KHz	40MHz	TM6	520000	Outer Full	VN	30	5.52	0.00212	±2.5	PASS
N38	30KHz	40MHz	TM6	520000	Outer Full	VN	40	10.74	0.00413	±2.5	PASS
N38	30KHz	40MHz	TM6	520000	Outer Full	VN	50	-9.77	-0.00376	±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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