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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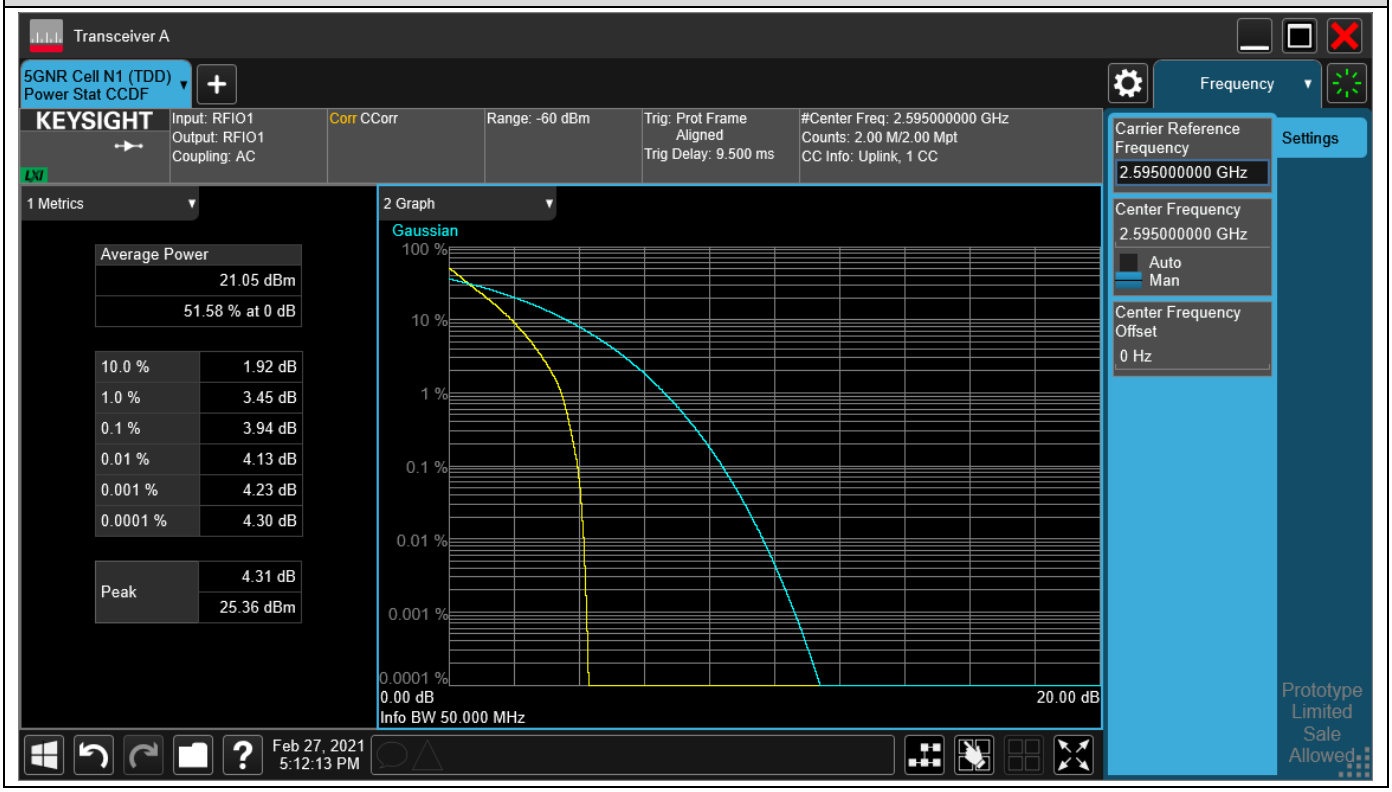
2 Peak-to-Average Ratio

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

N38-20MHz-15KHz-TM1-519000-Outer Full



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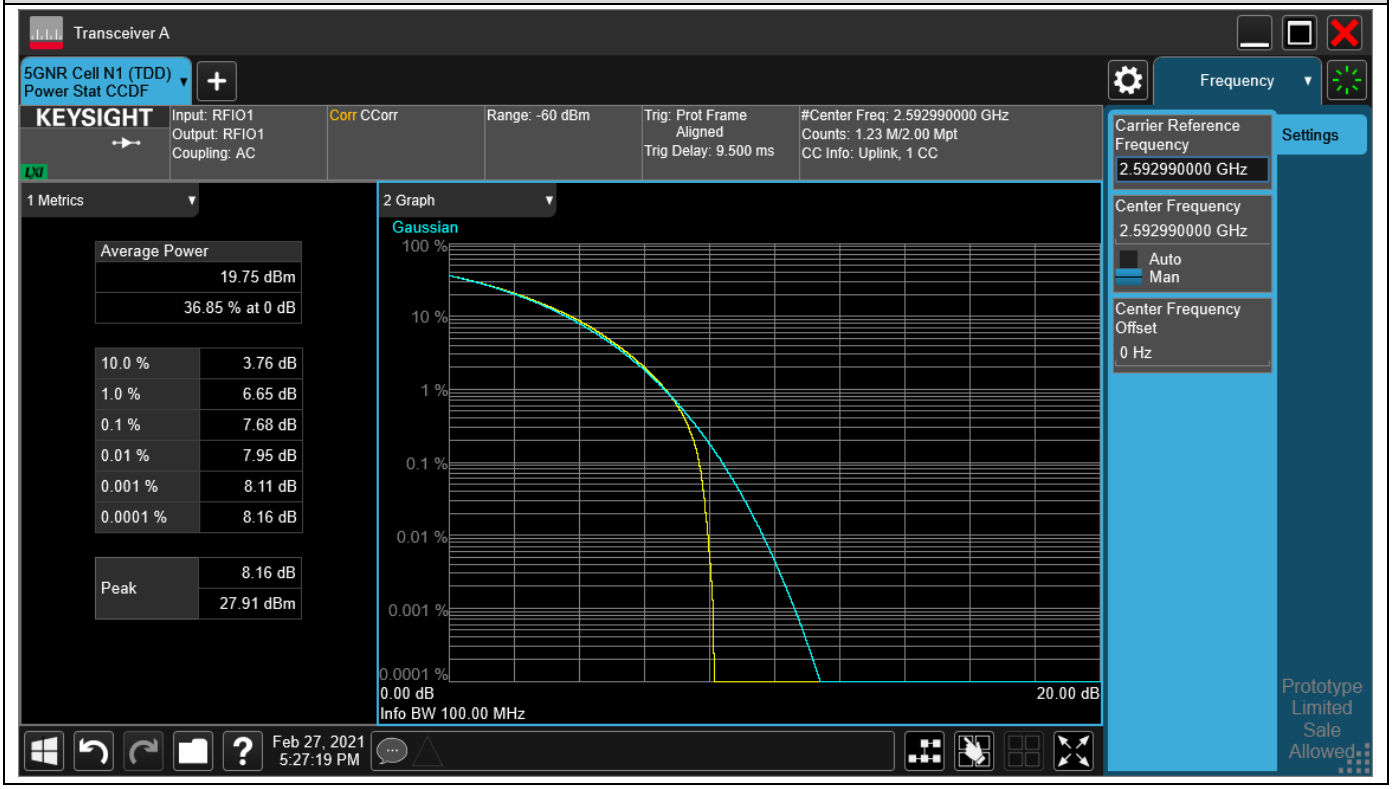
N38-20MHz-15KHz-TM6-519000-Outer Full



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

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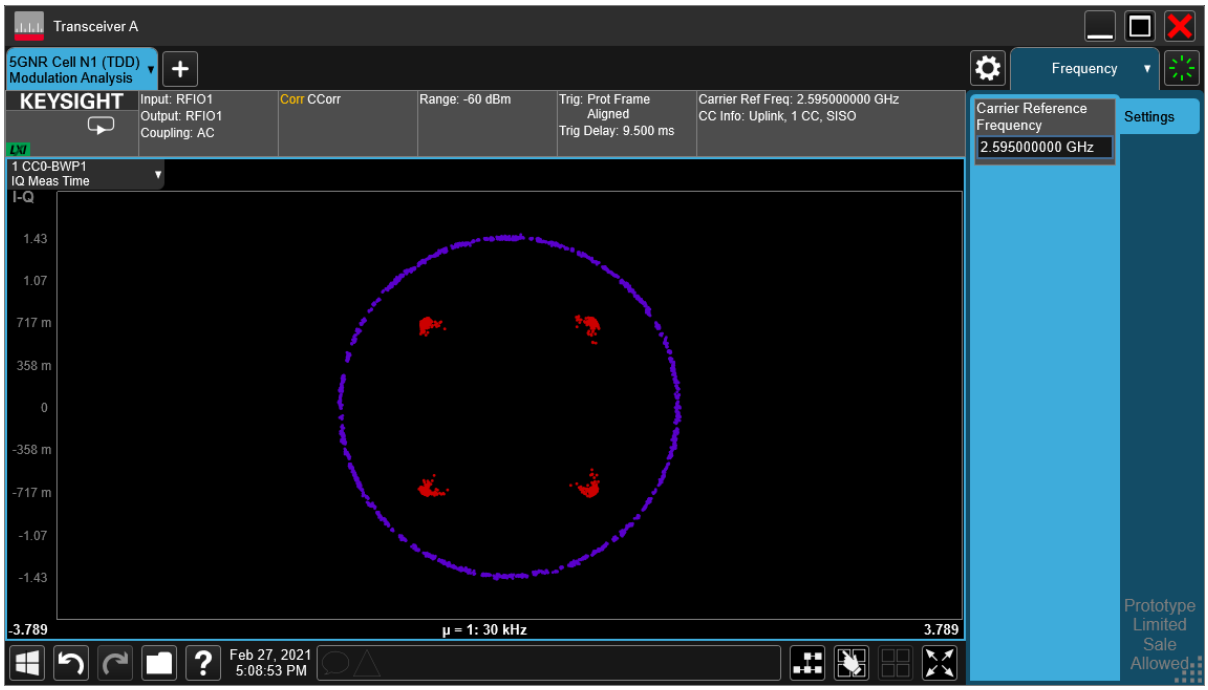
3 Modulation Characteristics

3.1 Test Plots

3.1.1 Test Band = N38

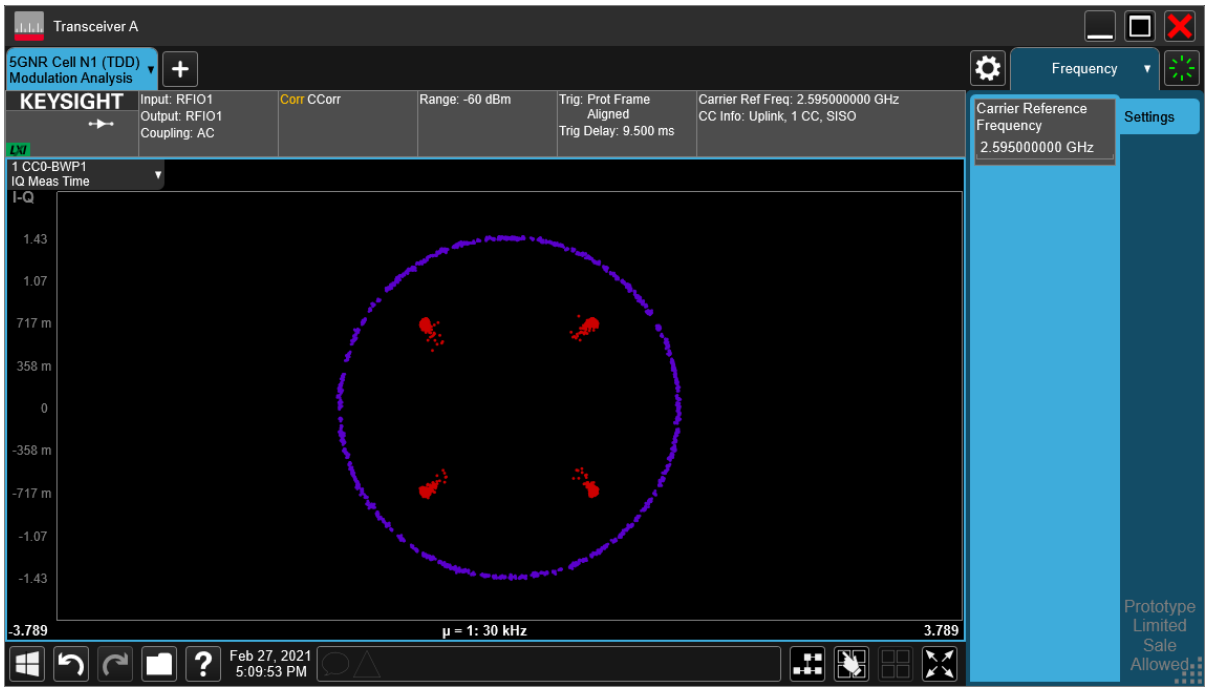
3.1.1.1 Test Mode = TM1 40MHz

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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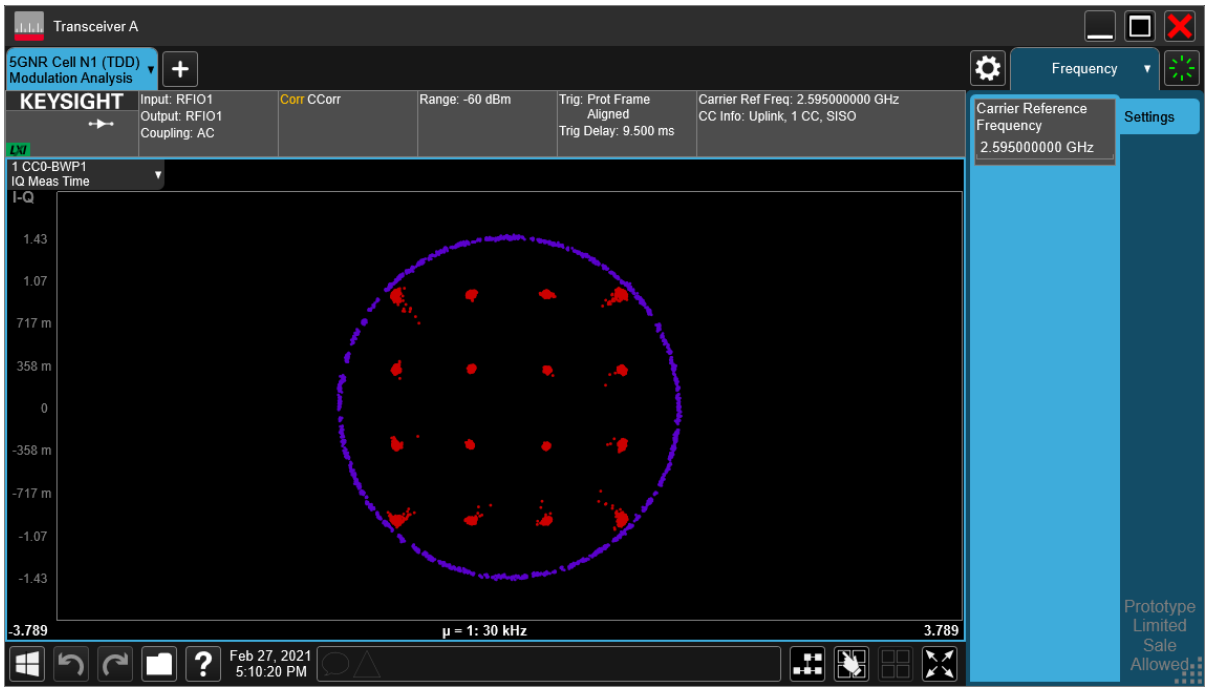
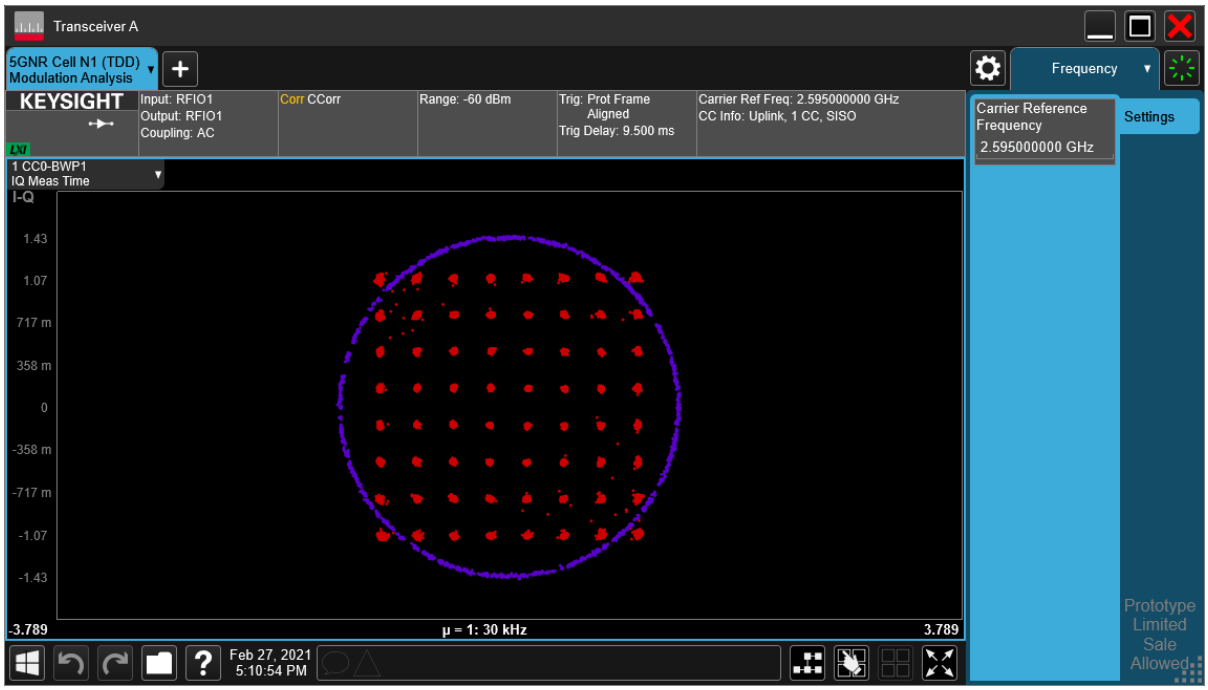
3.1.1.3 Test Mode = TM3 40MHz

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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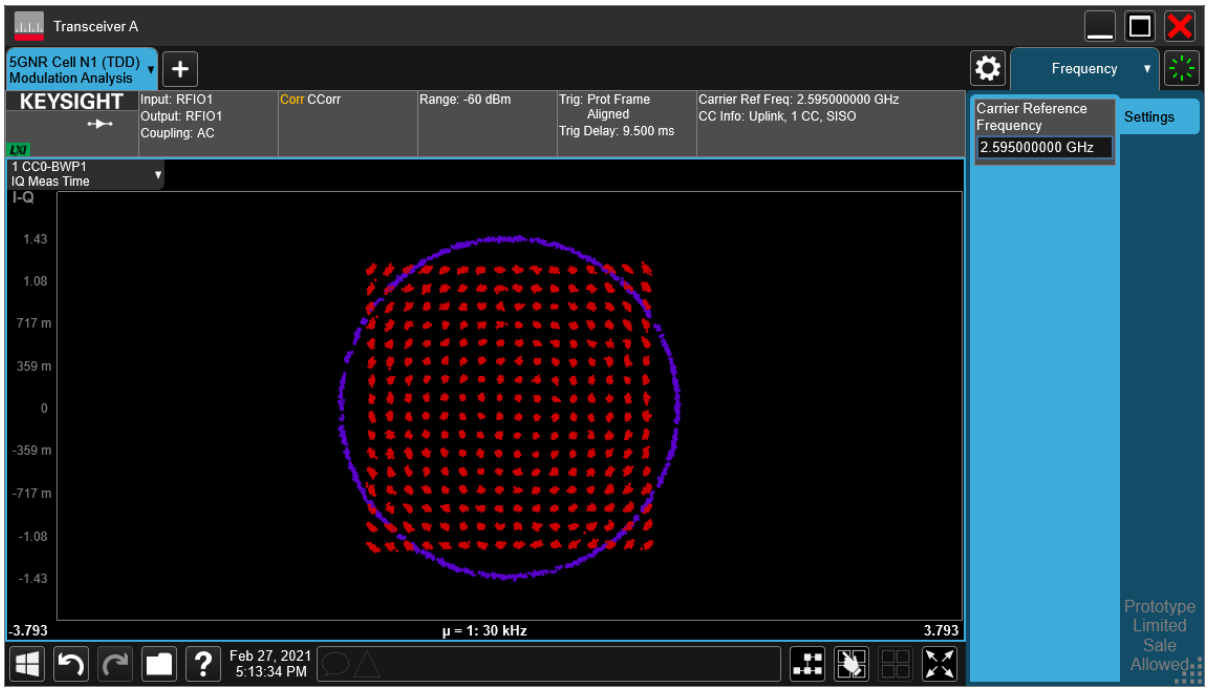
3.1.1.5 Test Mode = TM5 40MHz

3.1.1.5.1 Test Channel = MCH



3.1.1.6 Test Mode = TM6 40MHz

3.1.1.6.1 Test Channel = MCH

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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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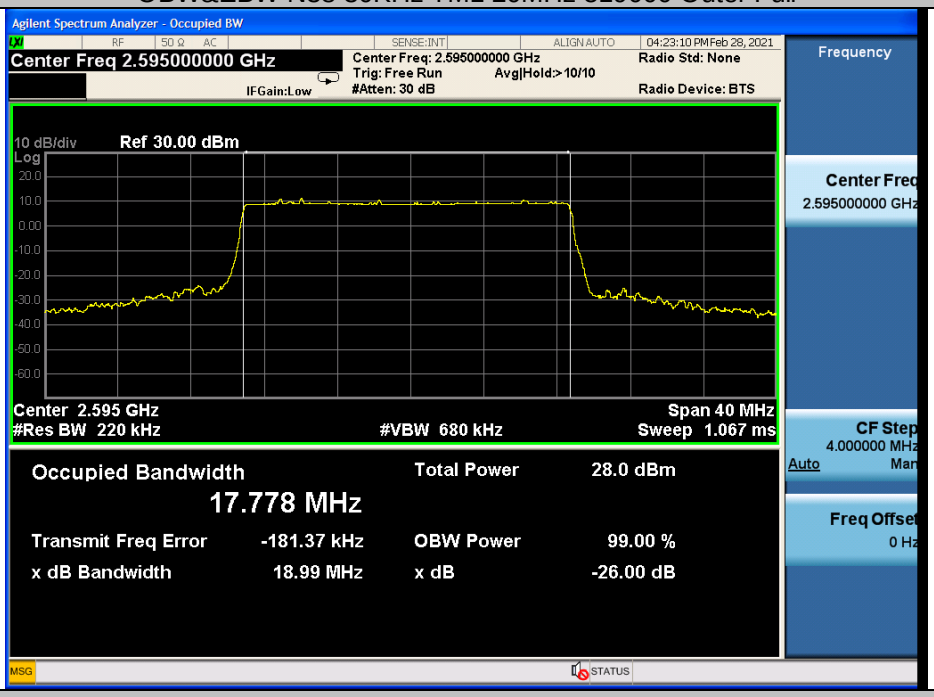
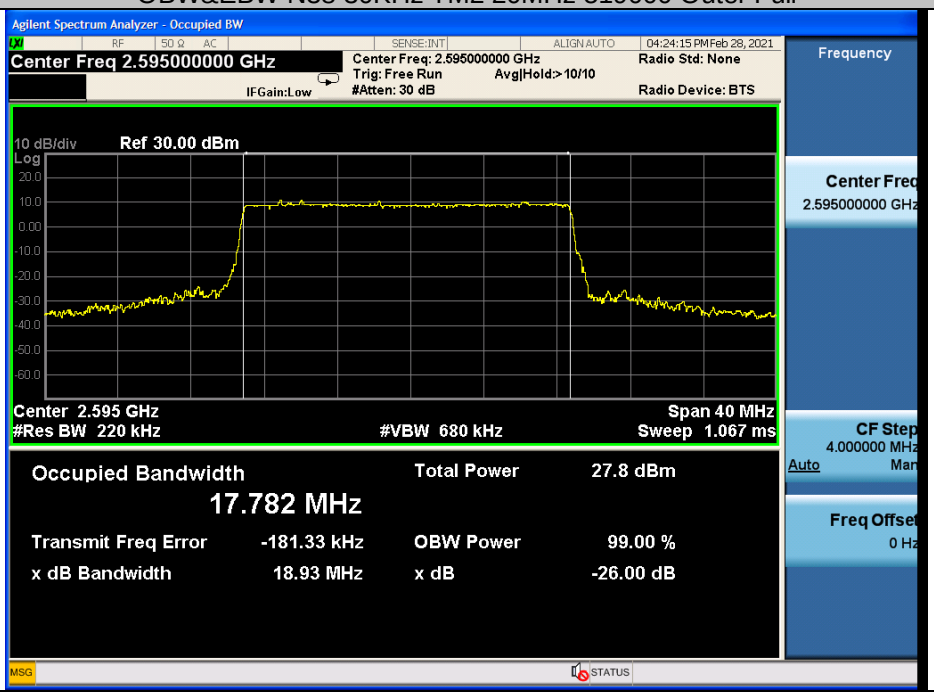
4.2 Test Plots

OBW&EBW N38 30KHz TM1 20MHz 519000 Outer Full



OBW&EBW N38 30KHz TM2 20MHz 519000 Outer Full



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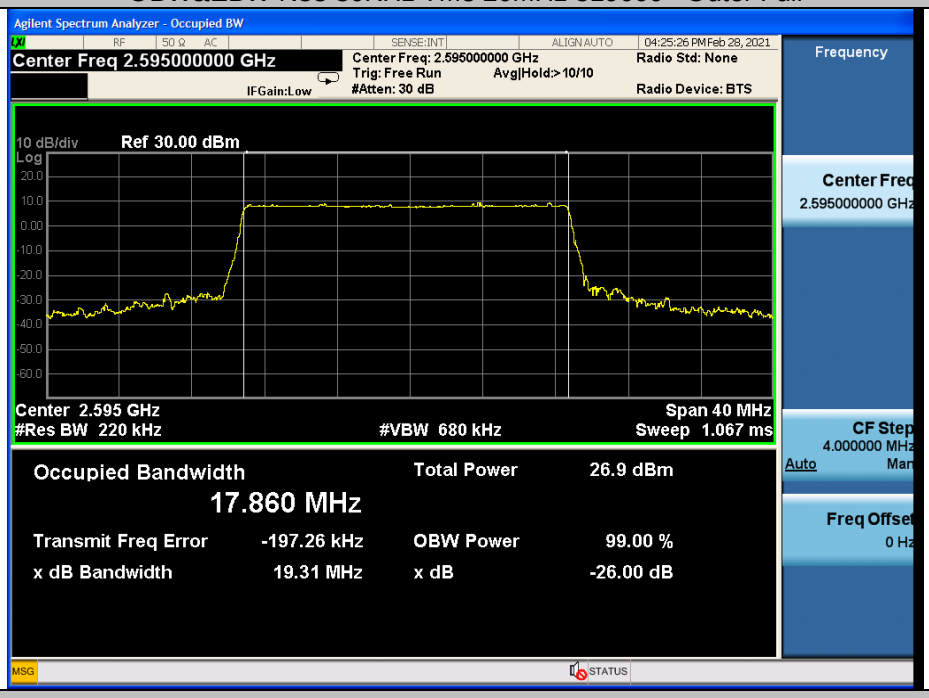
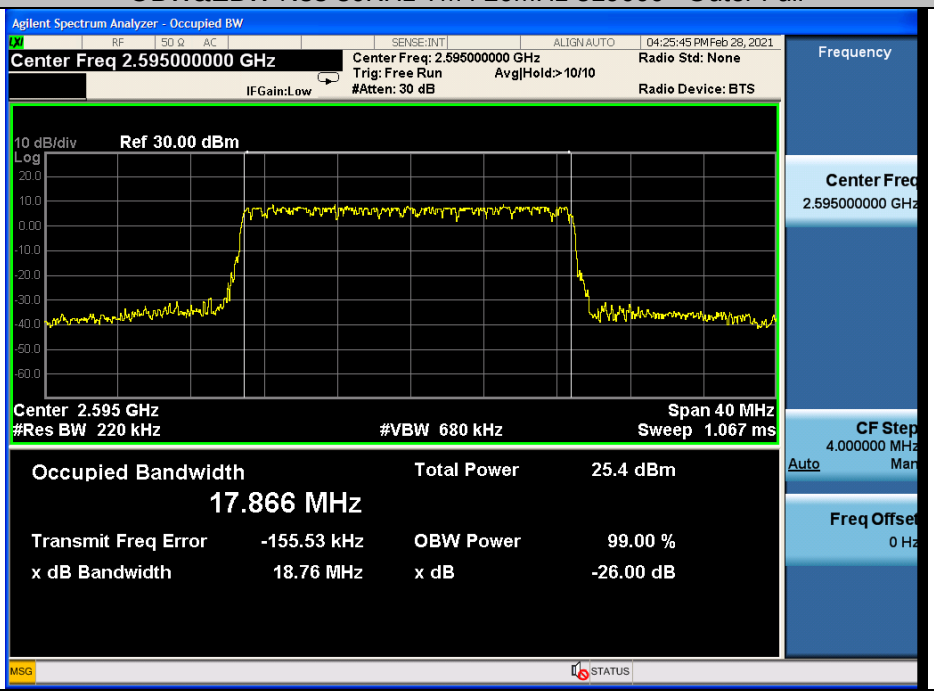
OBW&EBW N38 30KHz TM3 20MHz 519000 Outer Full



OBW&EBW N38 30KHz TM4 20MHz 519000 Outer Full



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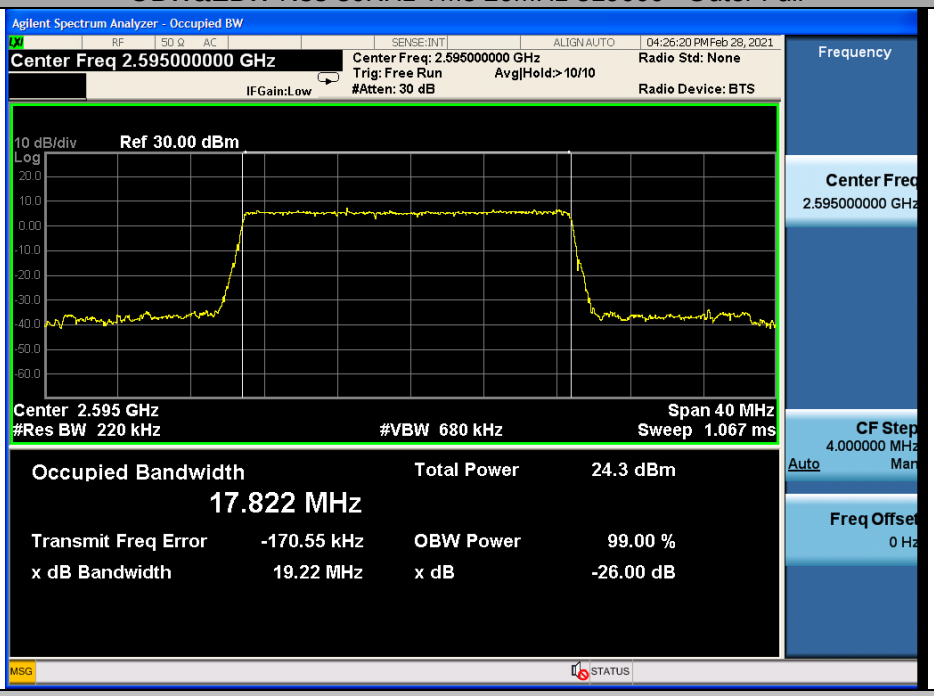
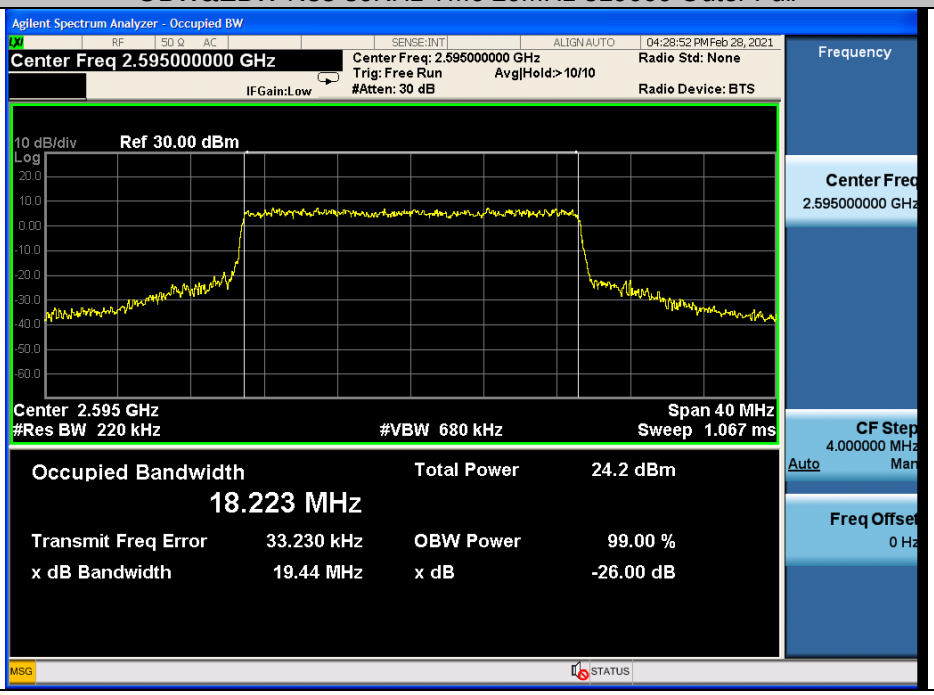
OBW&EBW N38 30KHz TM5 20MHz 519000 Outer Full



OBW&EBW N38 30KHz TM6 20MHz 519000 Outer Full



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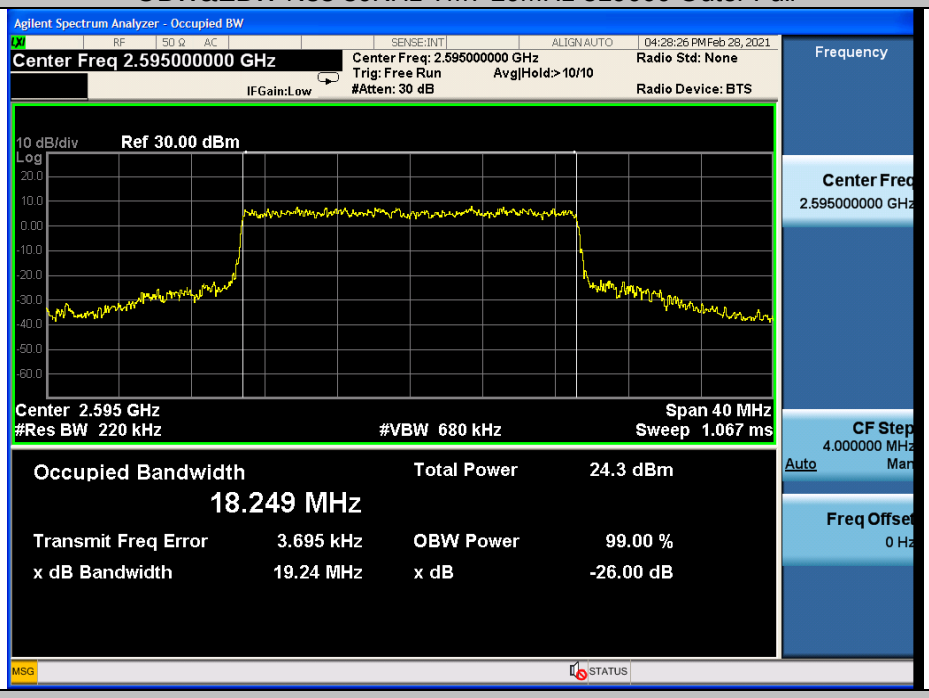
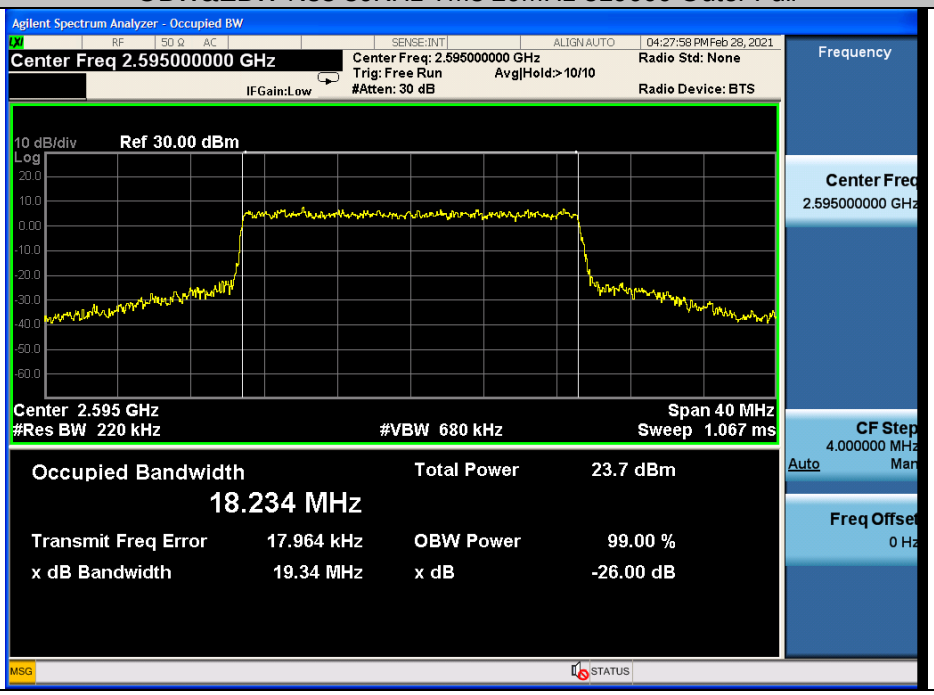
OBW&EBW N38 30KHz TM7 20MHz 519000 Outer Full



OBW&EBW N38 30KHz TM8 20MHz 519000 Outer Full



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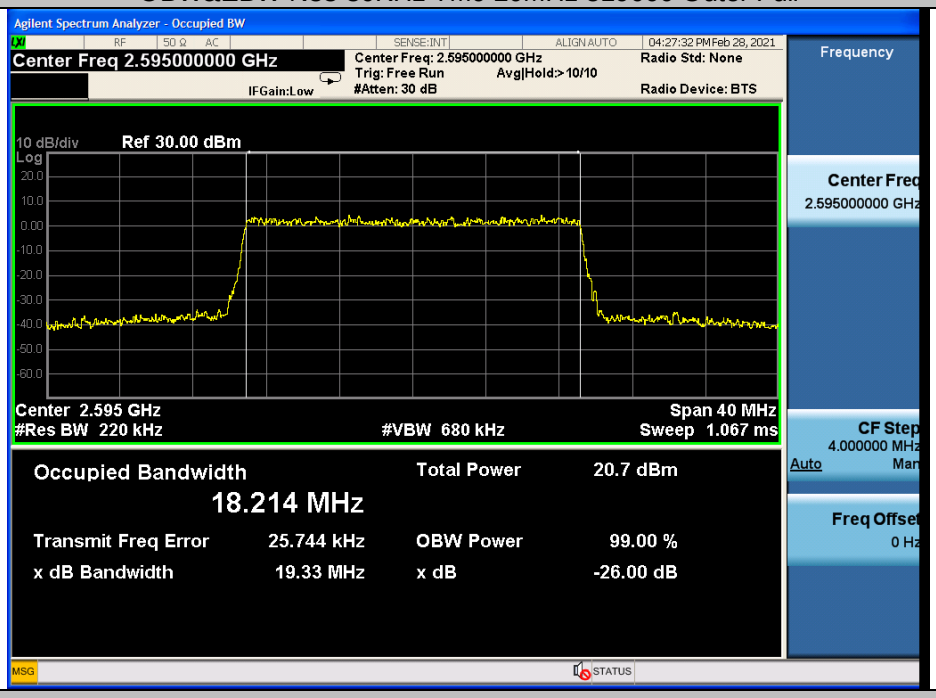
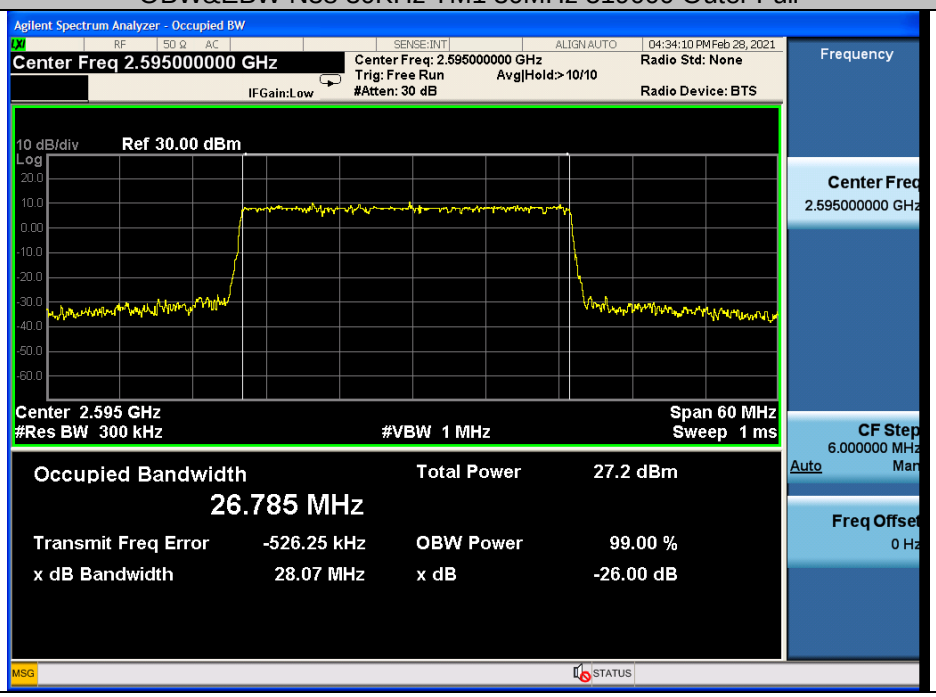
OBW&EBW N38 30KHz TM9 20MHz 519000 Outer Full



OBW&EBW N38 30KHz TM1 30MHz 519000 Outer Full



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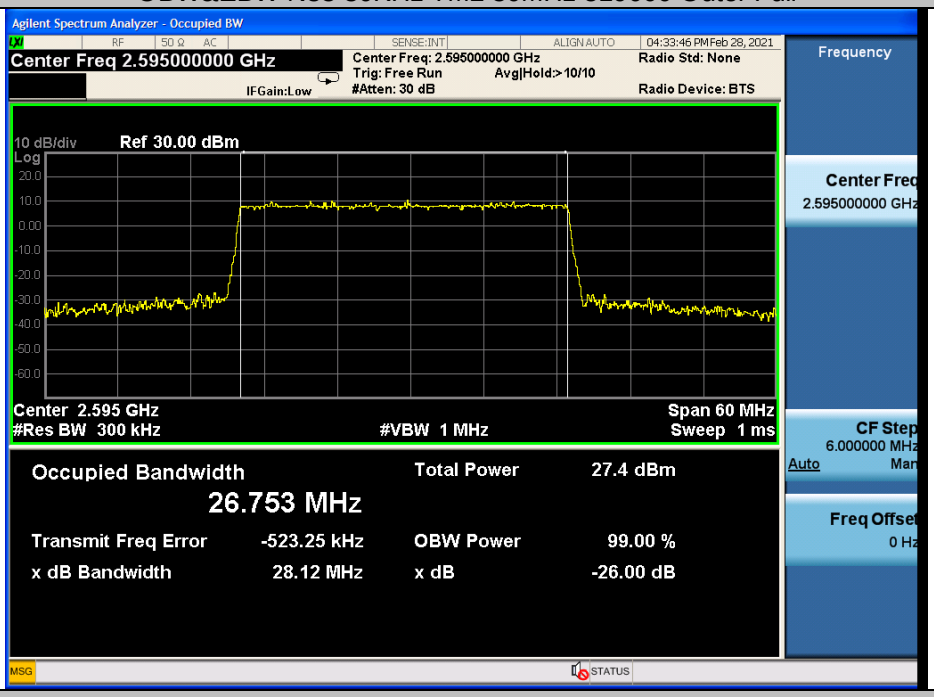
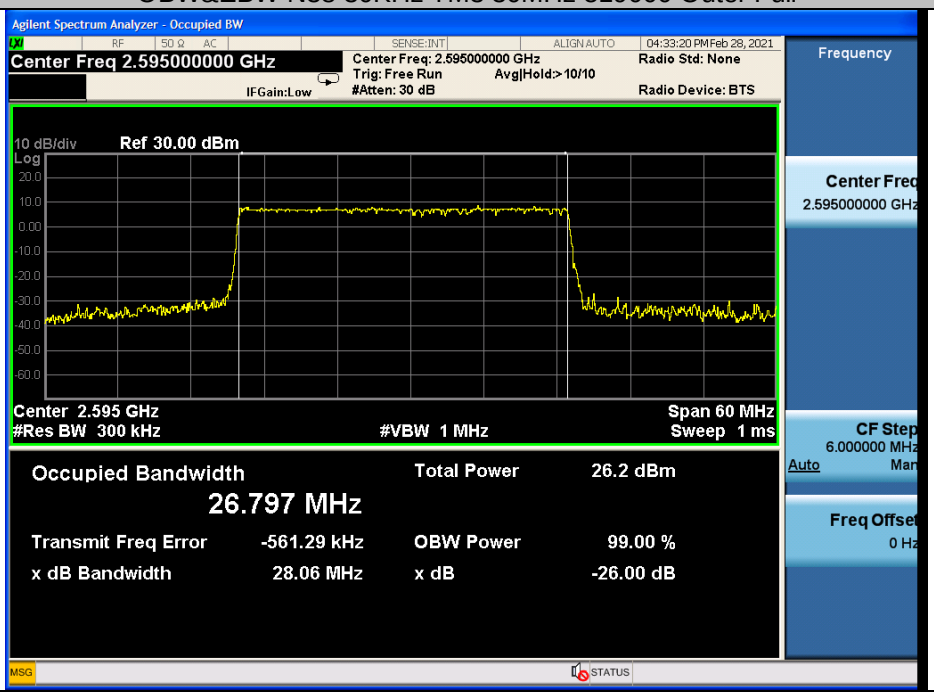
OBW&EBW N38 30KHz TM2 30MHz 519000 Outer Full



OBW&EBW N38 30KHz TM3 30MHz 519000 Outer Full



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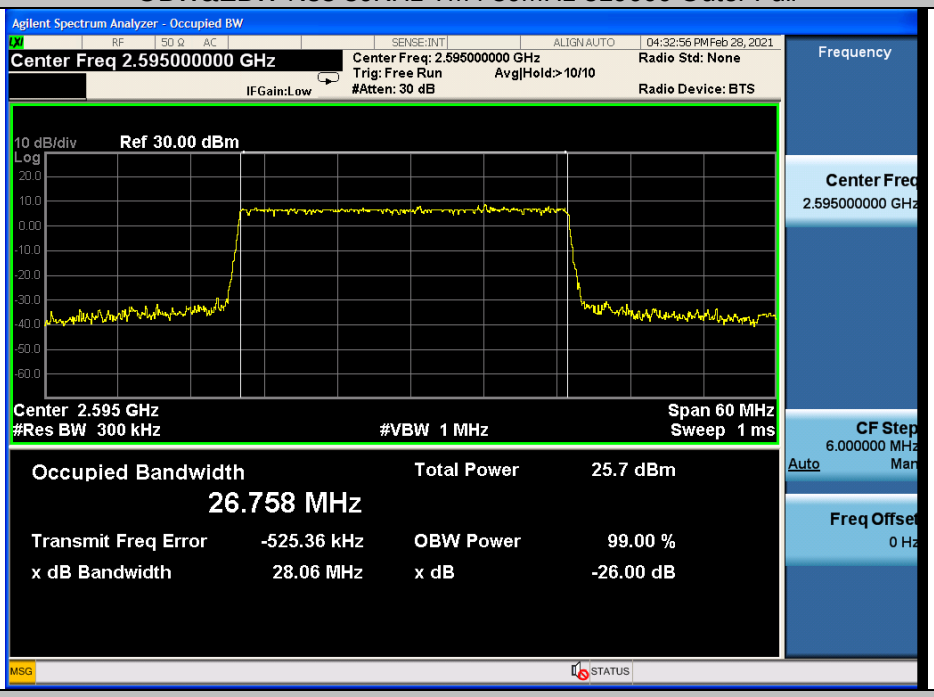
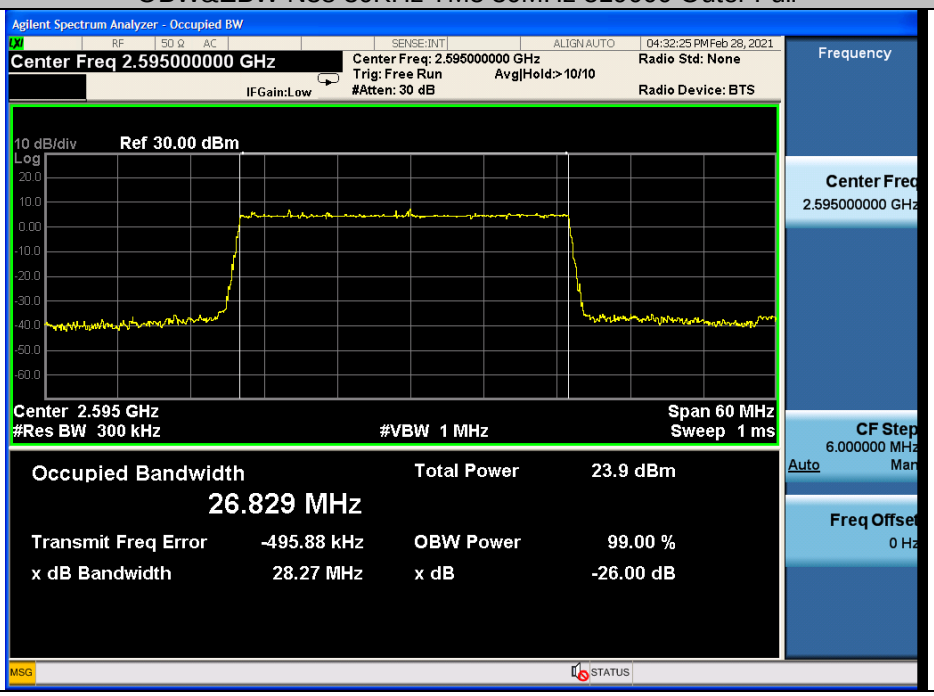
OBW&EBW N38 30KHz TM4 30MHz 519000 Outer Full



OBW&EBW N38 30KHz TM5 30MHz 519000 Outer Full



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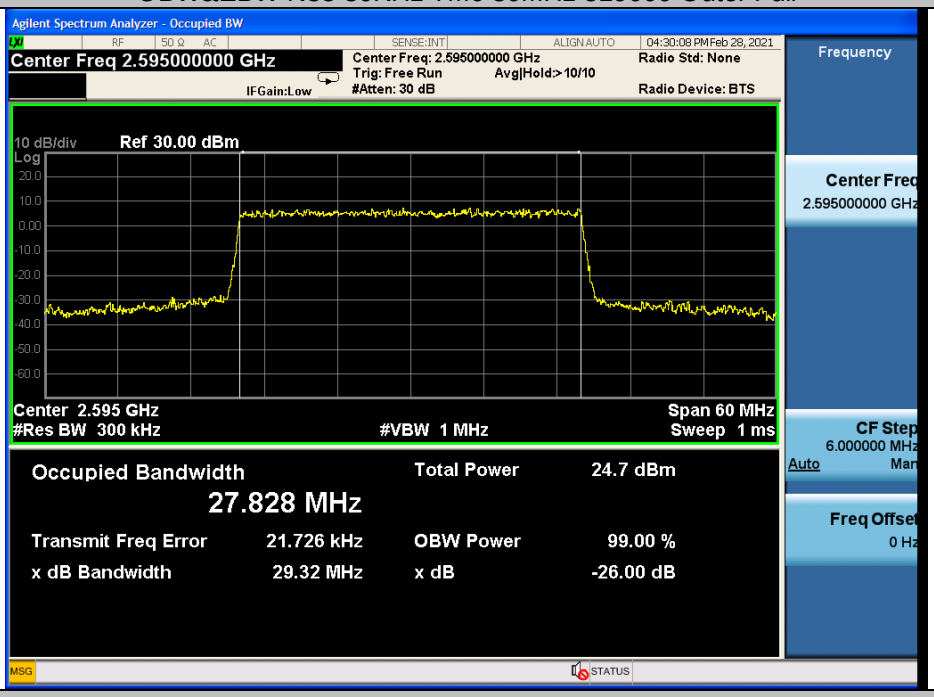
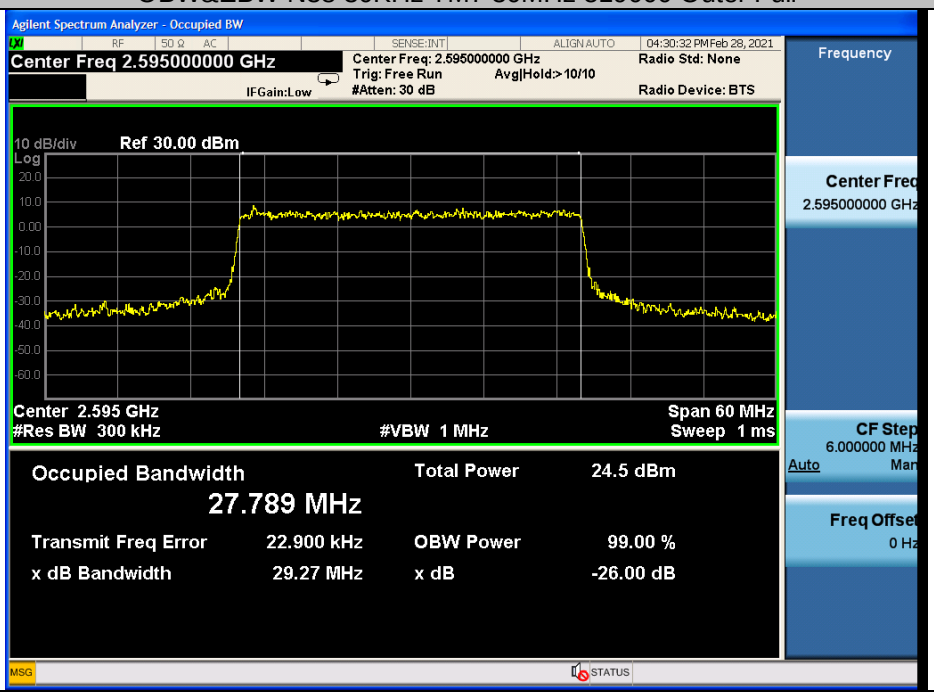
OBW&EBW N38 30KHz TM6 30MHz 519000 Outer Full



OBW&EBW N38 30KHz TM7 30MHz 519000 Outer Full



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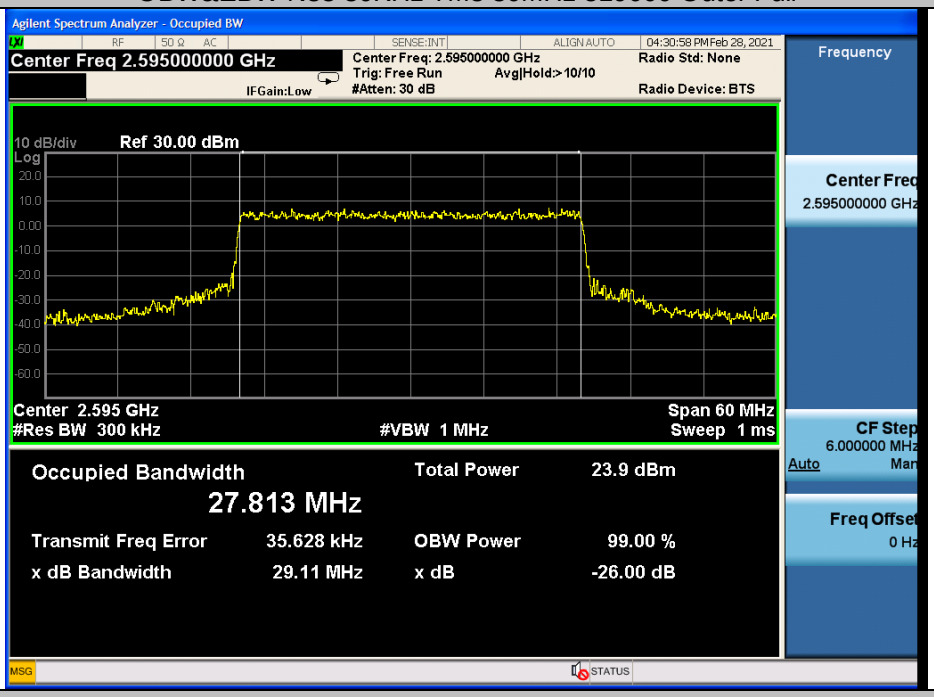
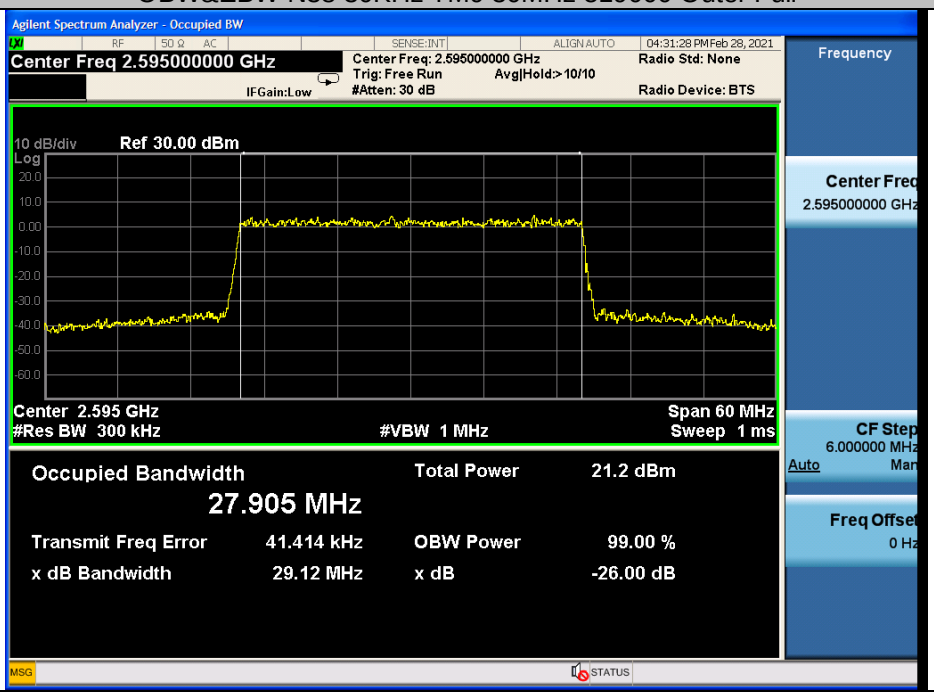
OBW&EBW N38 30KHz TM8 30MHz 519000 Outer Full



OBW&EBW N38 30KHz TM9 30MHz 519000 Outer Full



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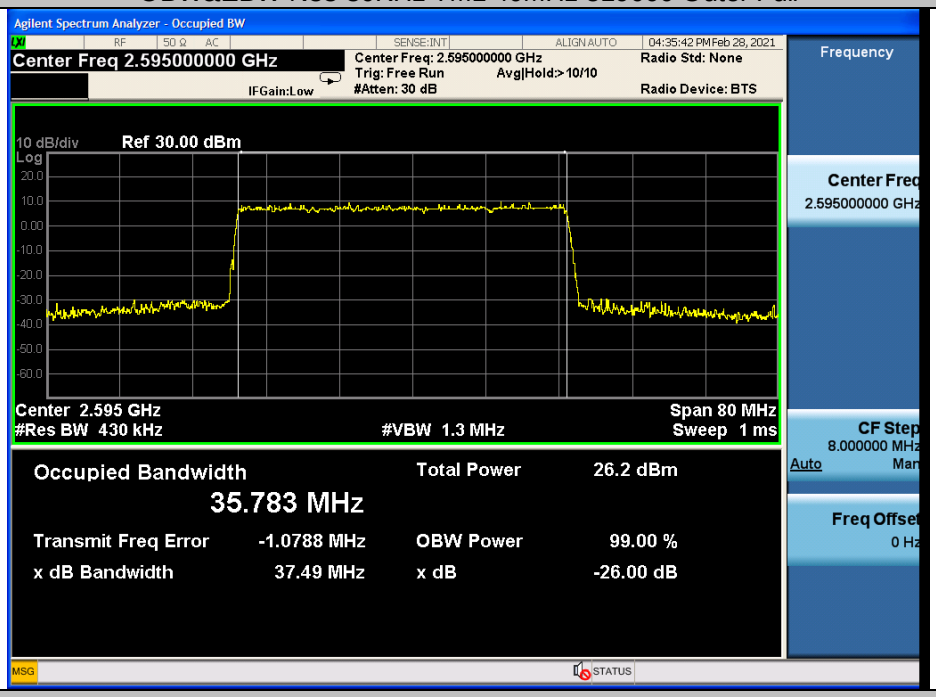
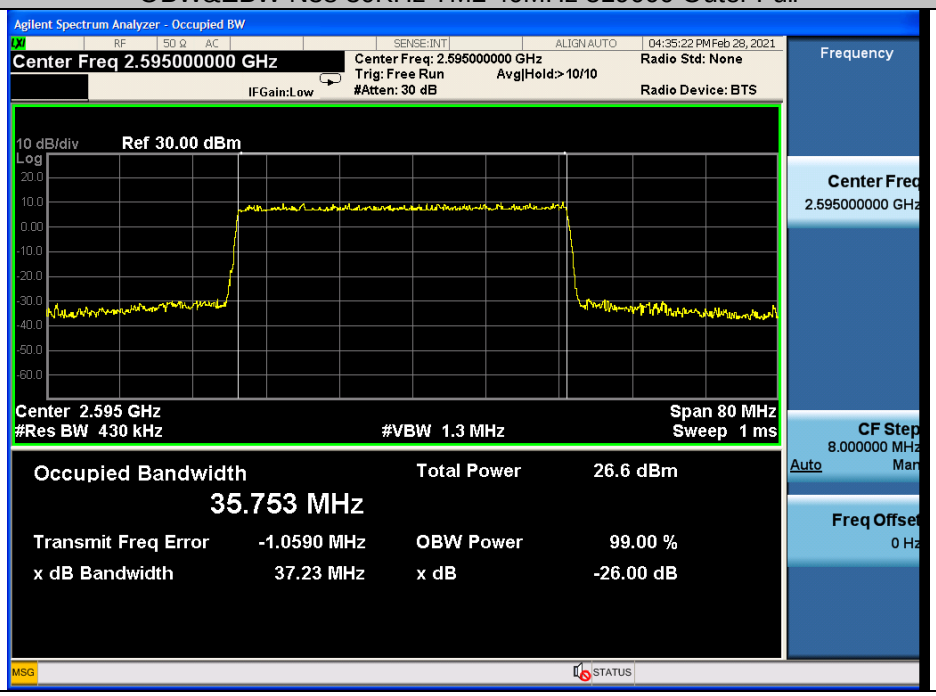
OBW&EBW N38 30KHz TM1 40MHz 519000 Outer Full



OBW&EBW N38 30KHz TM2 40MHz 519000 Outer Full



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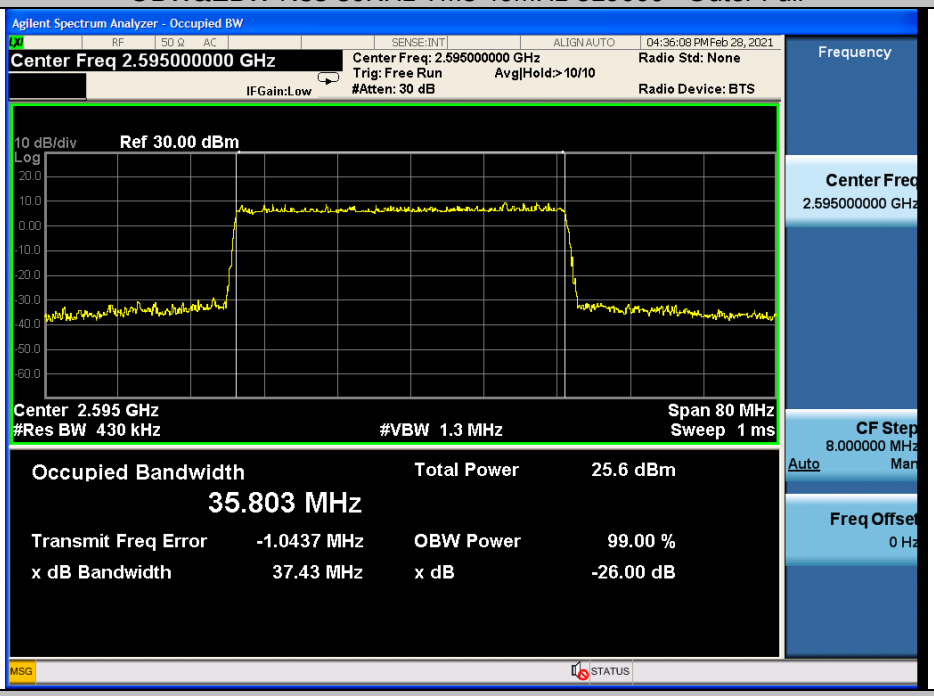
OBW&EBW N38 30KHz TM3 40MHz 519000 Outer Full



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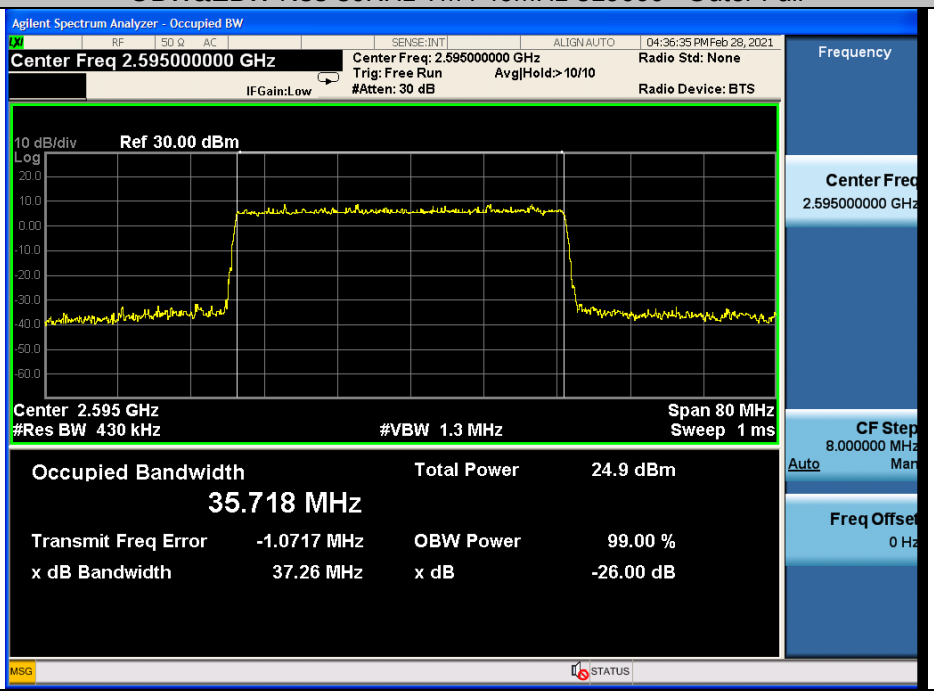

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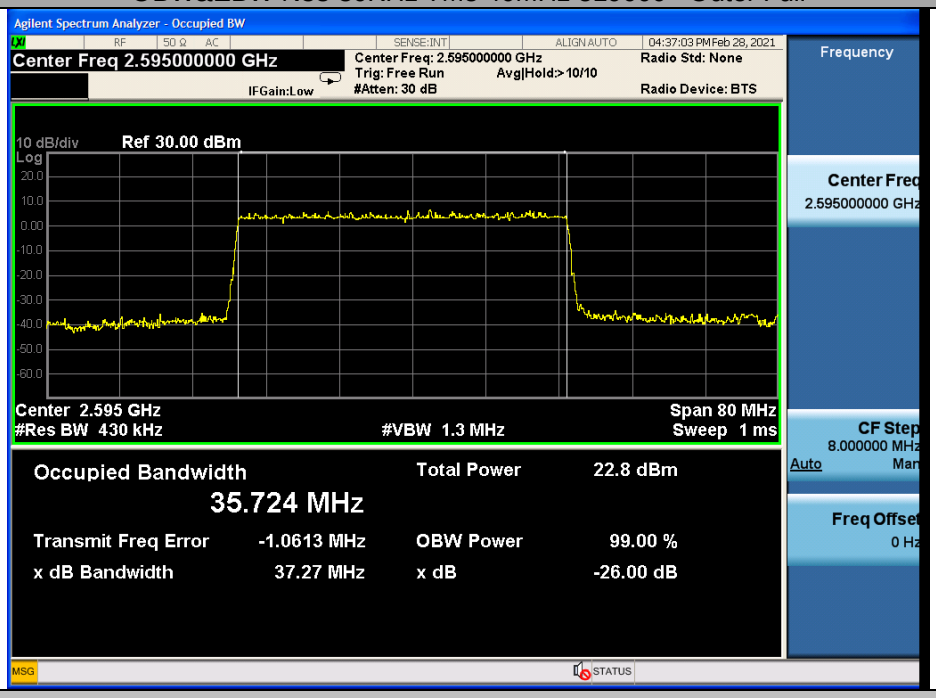
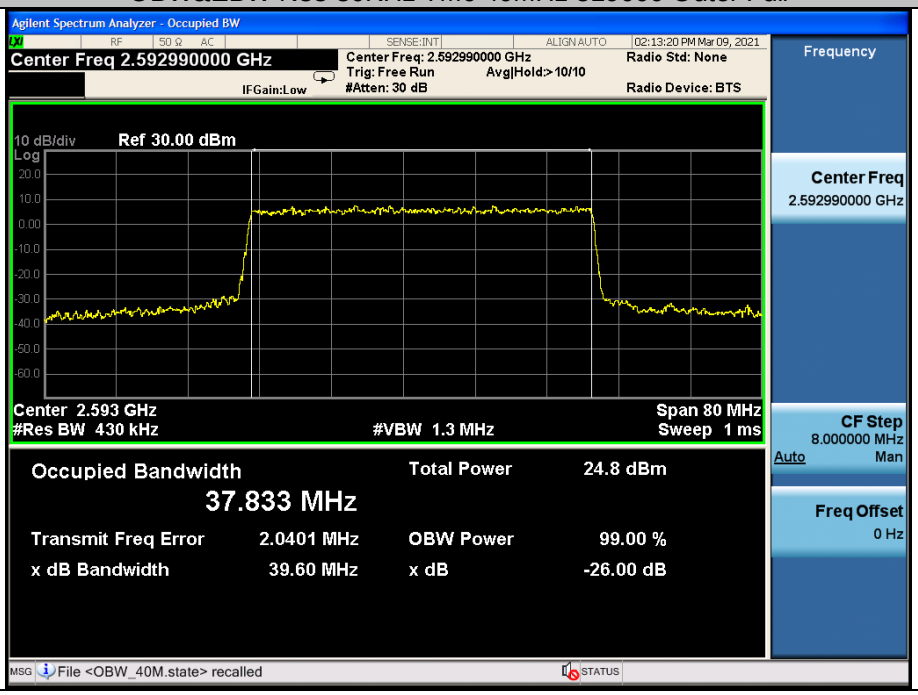
OBW&EBW N38 30KHz TM5 40MHz 519000 Outer Full



OBW&EBW N38 30KHz TM6 40MHz 519000 Outer Full



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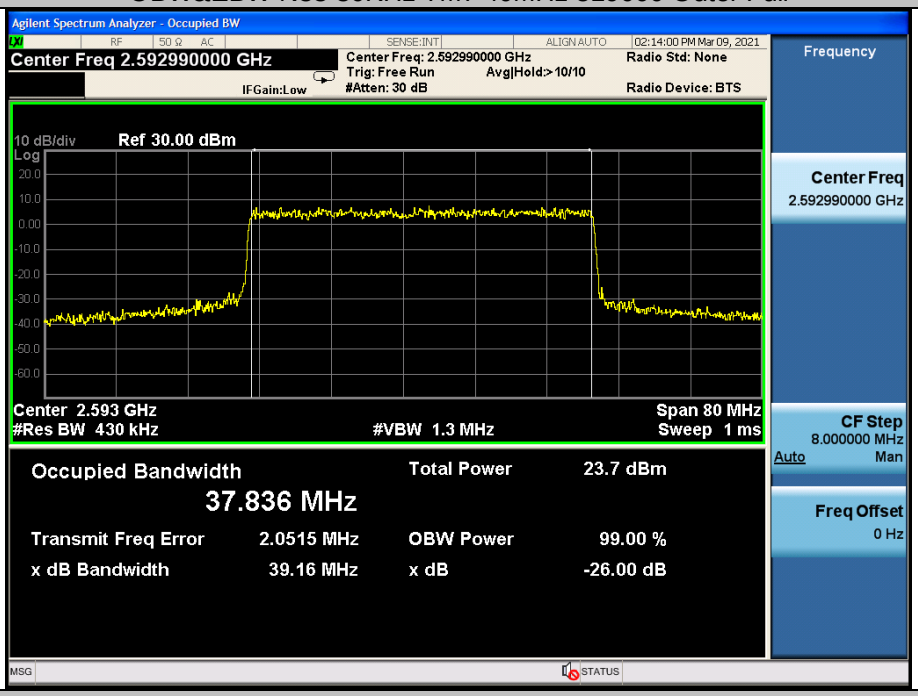
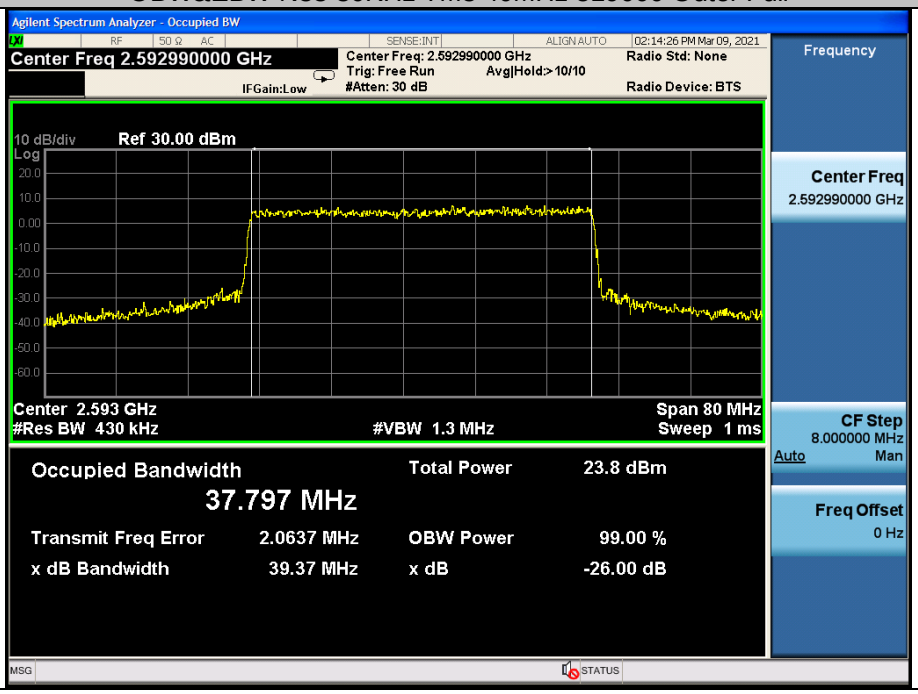
OBW&EBW N38 30KHz TM7 40MHz 519000 Outer Full



OBW&EBW N38 30KHz TM8 40MHz 519000 Outer Full



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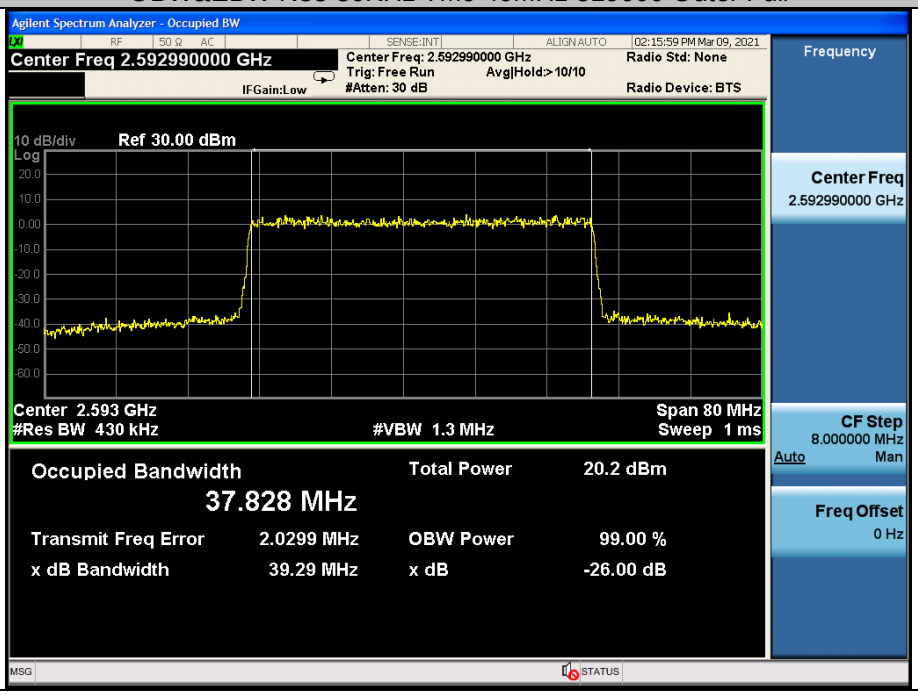
OBW&EBW N38 30KHz TM9 40MHz 519000 Outer Full



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

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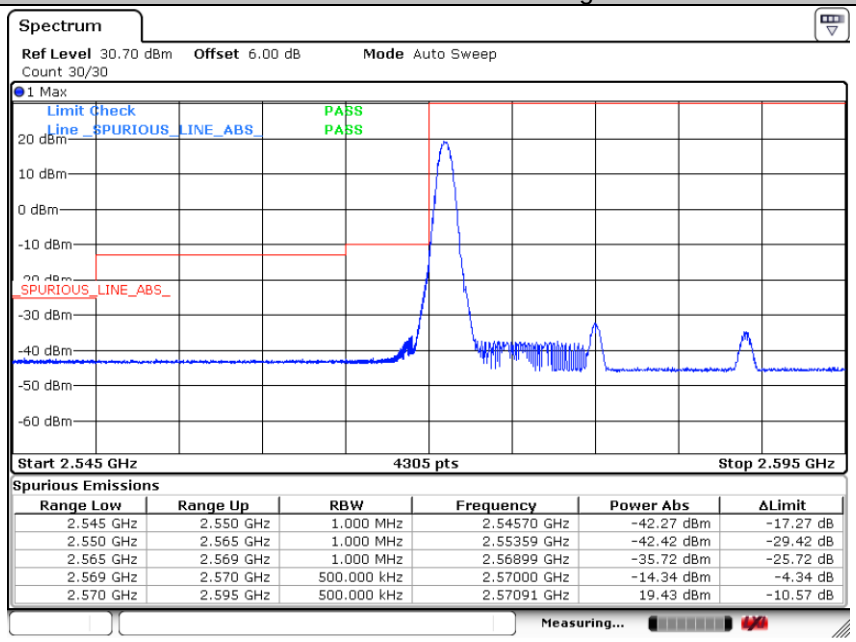
5 Band Edges Compliance

5.1 Test Plots

N38 30KHz TM1 20MHz 516000 Edge 1RB Left

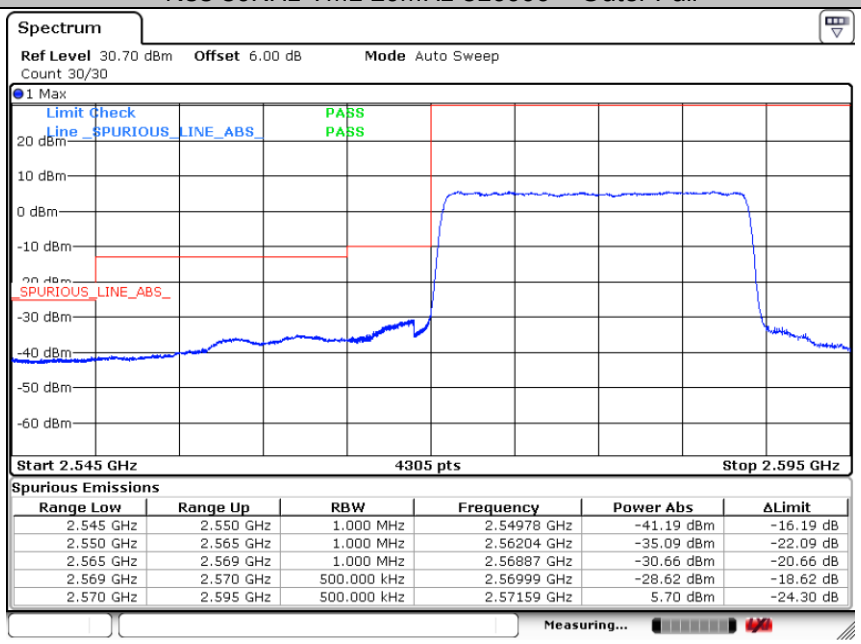


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54570 GHz	-42.27 dBm	-17.27 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.55359 GHz	-42.42 dBm	-29.42 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56899 GHz	-35.72 dBm	-25.72 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-14.34 dBm	-4.34 dB
2.570 GHz	2.595 GHz	500.000 kHz	2.57091 GHz	19.43 dBm	-10.57 dB

Date: 8.MAR.2021 11:35:25

N38 30KHz TM1 20MHz 516000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54978 GHz	-41.19 dBm	-16.19 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56204 GHz	-35.09 dBm	-22.09 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56887 GHz	-30.66 dBm	-20.66 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56999 GHz	-28.62 dBm	-18.62 dB
2.570 GHz	2.595 GHz	500.000 kHz	2.57159 GHz	5.70 dBm	-24.30 dB

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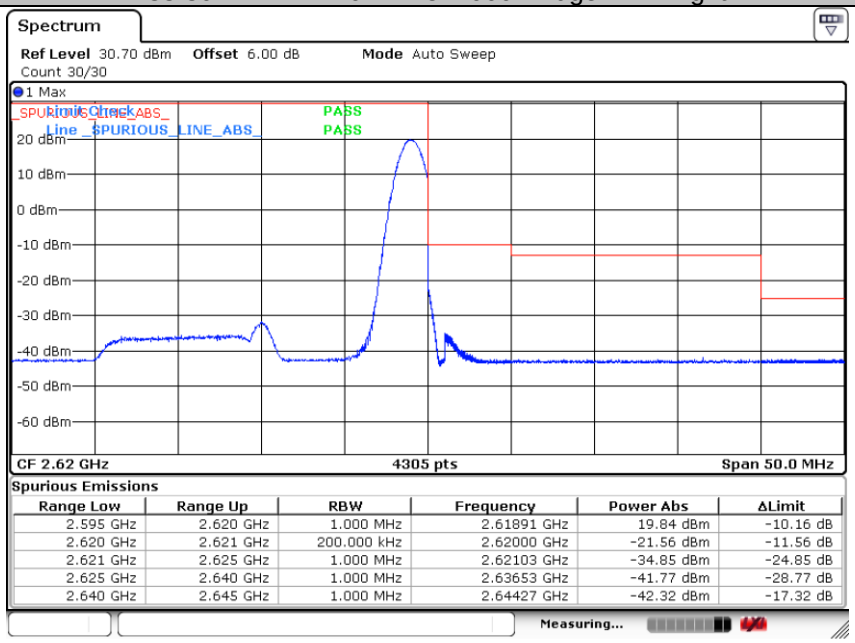
N38 30KHz TM1 20MHz 522000 Edge 1RB Right

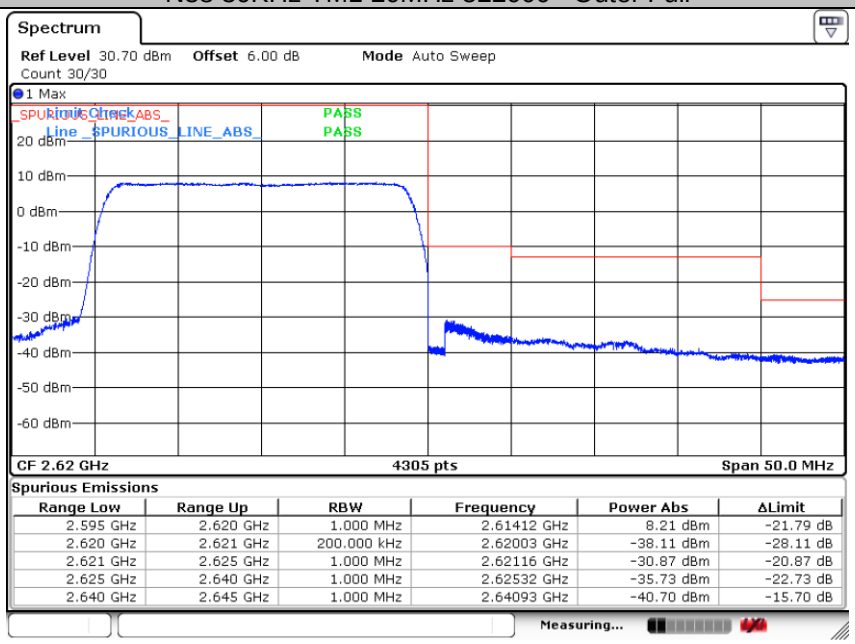


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.595 GHz	2.620 GHz	1.000 MHz	2.61891 GHz	19.84 dBm	-10.16 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62000 GHz	-21.56 dBm	-11.56 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62103 GHz	-34.85 dBm	-24.85 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.63653 GHz	-41.77 dBm	-28.77 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64427 GHz	-42.32 dBm	-17.32 dB

Date: 8.MAR.2021 11:52:21

N38 30KHz TM1 20MHz 522000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.595 GHz	2.620 GHz	1.000 MHz	2.61412 GHz	8.21 dBm	-21.79 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62003 GHz	-38.11 dBm	-28.11 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62116 GHz	-30.87 dBm	-20.87 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62532 GHz	-35.73 dBm	-22.73 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64093 GHz	-40.70 dBm	-15.70 dB

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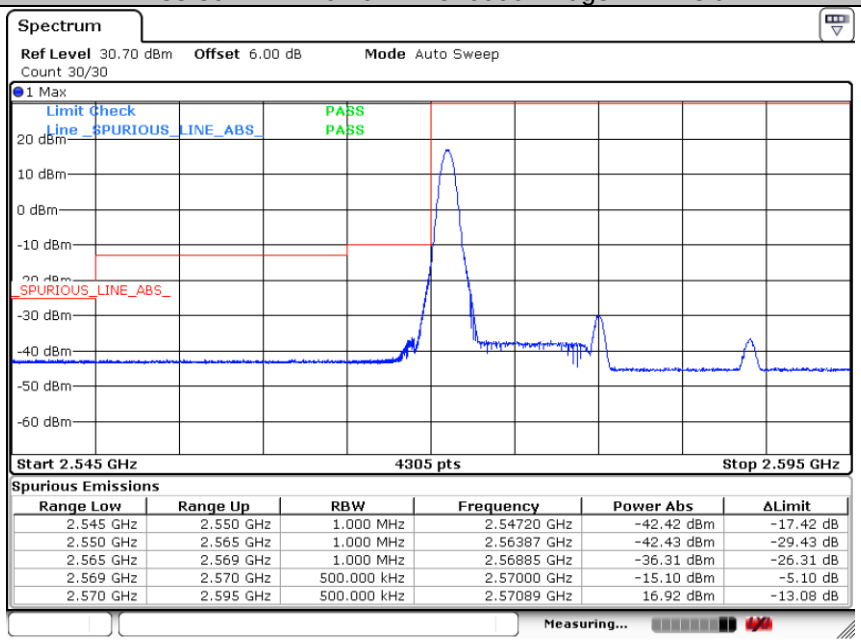
N38 30KHz TM6 20MHz 516000 Edge 1RB Left

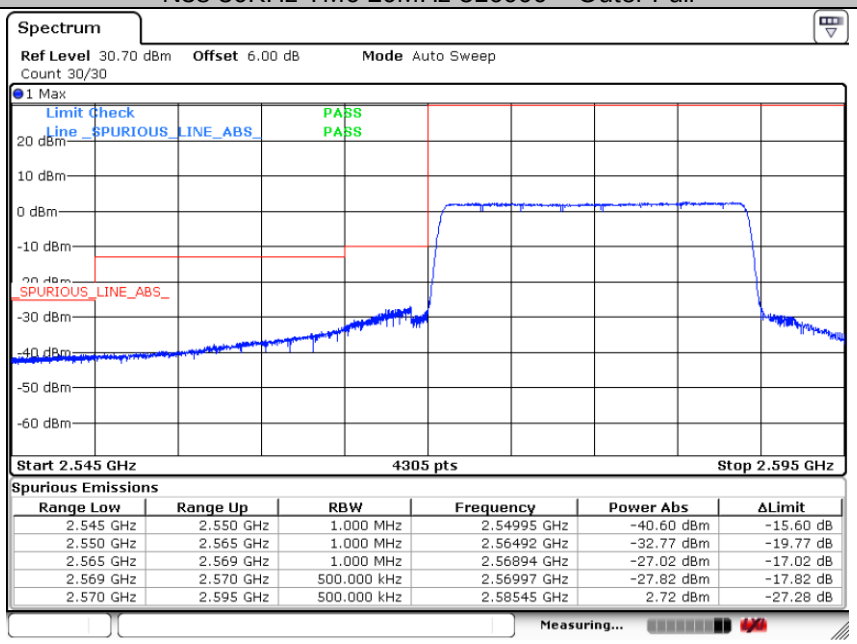


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54720 GHz	-42.42 dBm	-17.42 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56387 GHz	-42.43 dBm	-29.43 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56885 GHz	-36.31 dBm	-26.31 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-15.10 dBm	-5.10 dB
2.570 GHz	2.595 GHz	500.000 kHz	2.57089 GHz	16.92 dBm	-13.08 dB

Date: 8.MAR.2021 11:37:15

N38 30KHz TM6 20MHz 516000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54995 GHz	-40.60 dBm	-15.60 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56492 GHz	-32.77 dBm	-19.77 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56894 GHz	-27.02 dBm	-17.02 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56997 GHz	-27.82 dBm	-17.82 dB
2.570 GHz	2.595 GHz	500.000 kHz	2.58545 GHz	2.72 dBm	-27.28 dB

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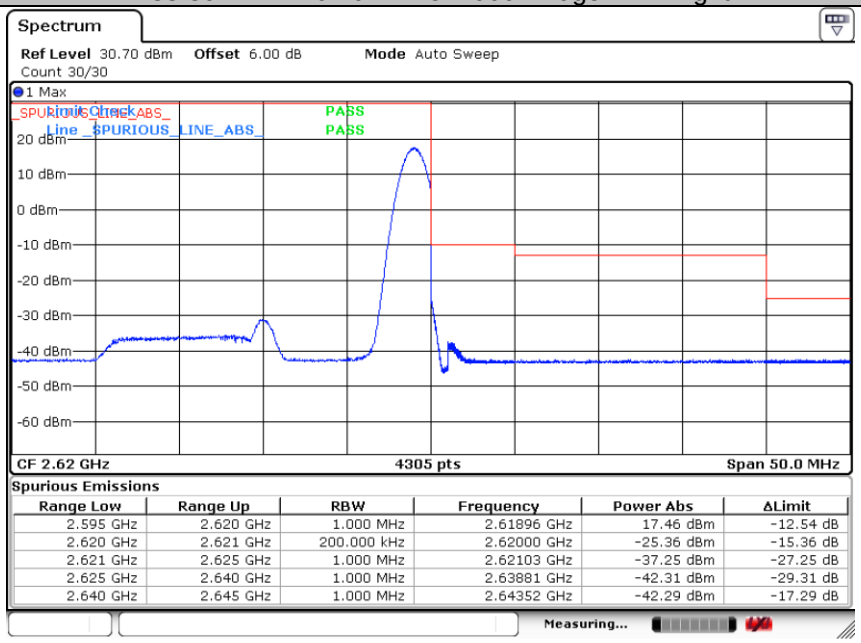
N38 30KHz TM6 20MHz 522000 Edge 1RB Right

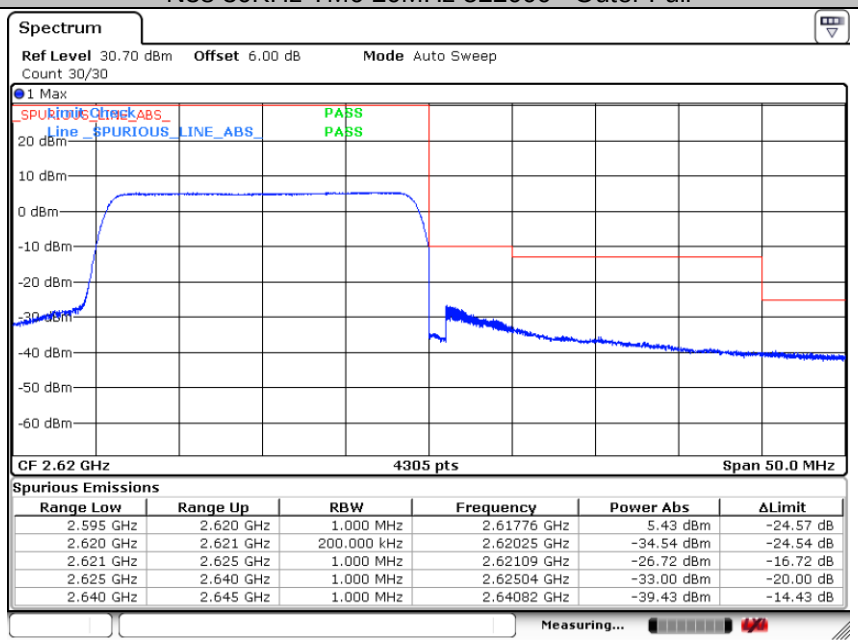


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.595 GHz	2.620 GHz	1.000 MHz	2.61896 GHz	17.46 dBm	-12.54 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62000 GHz	-25.36 dBm	-15.36 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62103 GHz	-37.25 dBm	-27.25 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.63881 GHz	-42.31 dBm	-29.31 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64352 GHz	-42.29 dBm	-17.29 dB

Date: 8.MAR.2021 11:53:37

N38 30KHz TM6 20MHz 522000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.595 GHz	2.620 GHz	1.000 MHz	2.61776 GHz	5.43 dBm	-24.57 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62025 GHz	-34.54 dBm	-24.54 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62109 GHz	-26.72 dBm	-16.72 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62504 GHz	-33.00 dBm	-20.00 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64082 GHz	-39.43 dBm	-14.43 dB

Date: 8.MAR.2021 11:54:29

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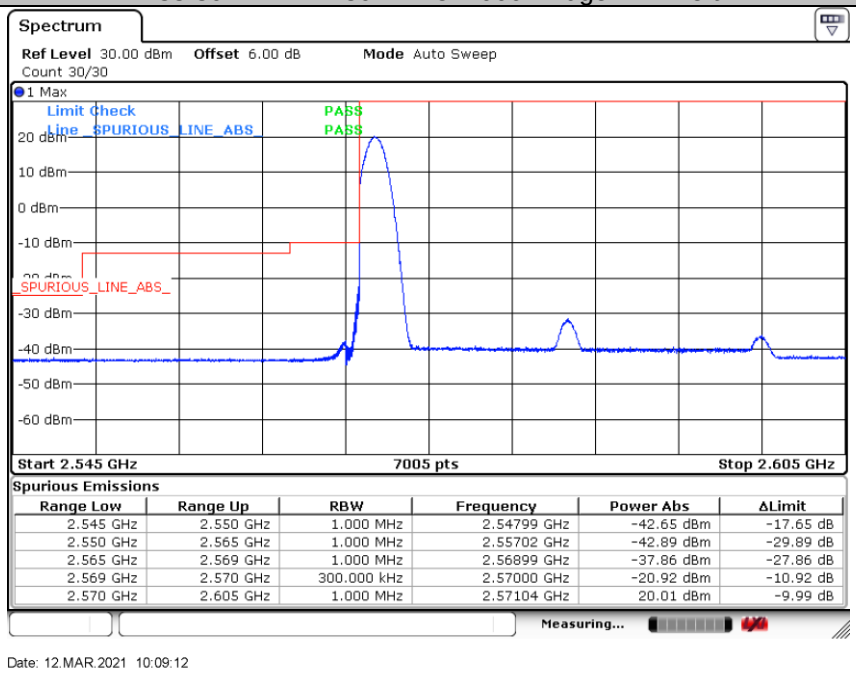
N38 30KHz TM1 30MHz 517000 Edge 1RB Left

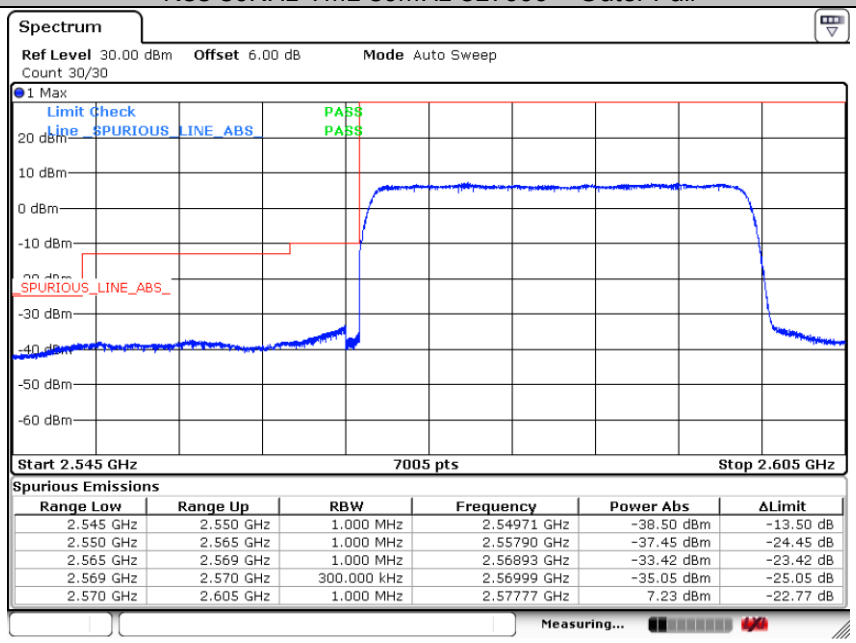


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54799 GHz	-42.65 dBm	-17.65 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.55702 GHz	-42.89 dBm	-29.89 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56899 GHz	-37.86 dBm	-27.86 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.57000 GHz	-20.92 dBm	-10.92 dB
2.570 GHz	2.605 GHz	1.000 MHz	2.57104 GHz	20.01 dBm	-9.99 dB

Date: 12.MAR.2021 10:09:12

N38 30KHz TM1 30MHz 517000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54971 GHz	-38.50 dBm	-13.50 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.55790 GHz	-37.45 dBm	-24.45 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56893 GHz	-33.42 dBm	-23.42 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56999 GHz	-35.05 dBm	-25.05 dB
2.570 GHz	2.605 GHz	1.000 MHz	2.57777 GHz	7.23 dBm	-22.77 dB

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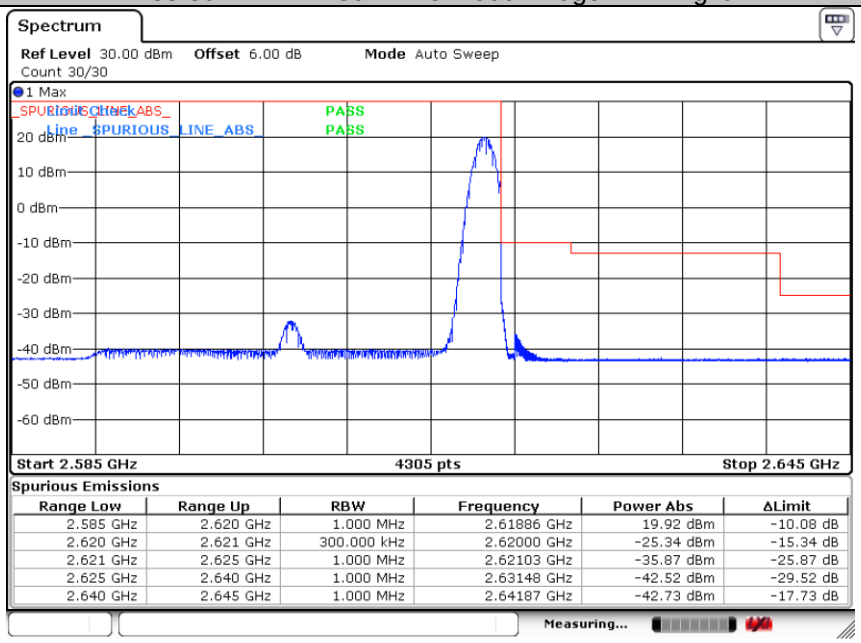
N38 30KHz TM1 30MHz 521000 Edge 1RB Right

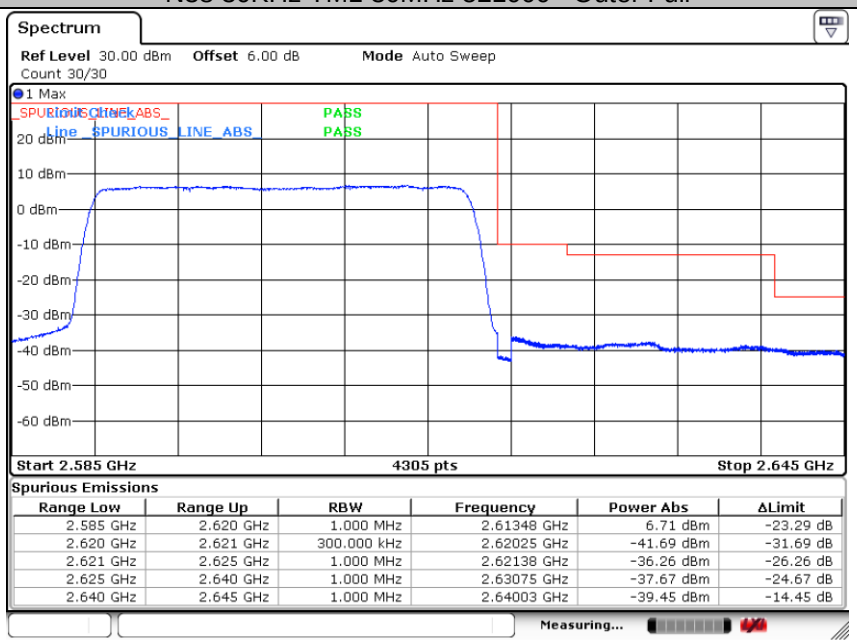


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.585 GHz	2.620 GHz	1.000 MHz	2.61886 GHz	19.92 dBm	-10.08 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62000 GHz	-25.34 dBm	-15.34 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62103 GHz	-35.87 dBm	-25.87 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.63148 GHz	-42.52 dBm	-29.52 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64187 GHz	-42.73 dBm	-17.73 dB

Date: 12.MAR.2021 10:33:22

N38 30KHz TM1 30MHz 521000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.585 GHz	2.620 GHz	1.000 MHz	2.61348 GHz	6.71 dBm	-23.29 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62025 GHz	-41.69 dBm	-31.69 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62138 GHz	-36.26 dBm	-26.26 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.63075 GHz	-37.67 dBm	-24.67 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64003 GHz	-39.45 dBm	-14.45 dB

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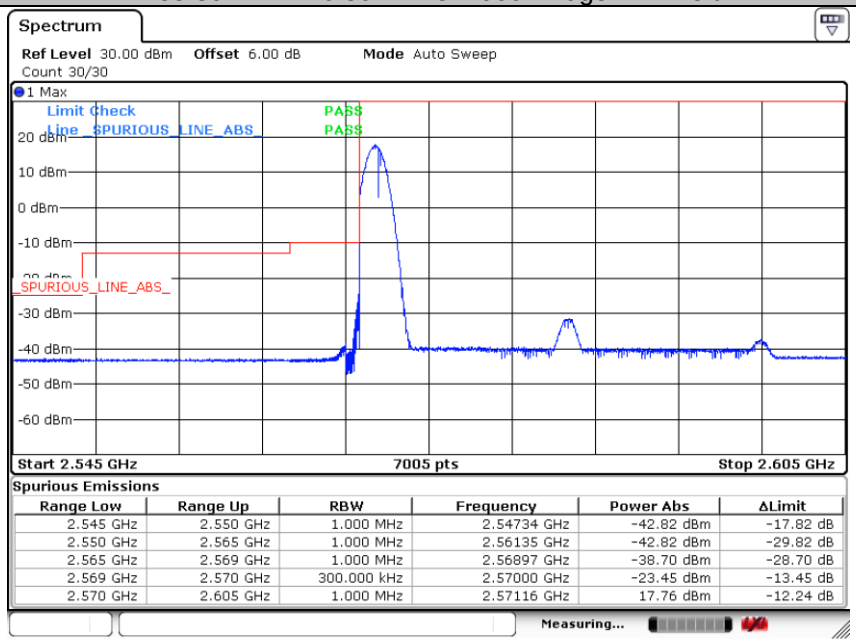
N38 30KHz TM6 30MHz 517000 Edge 1RB Left

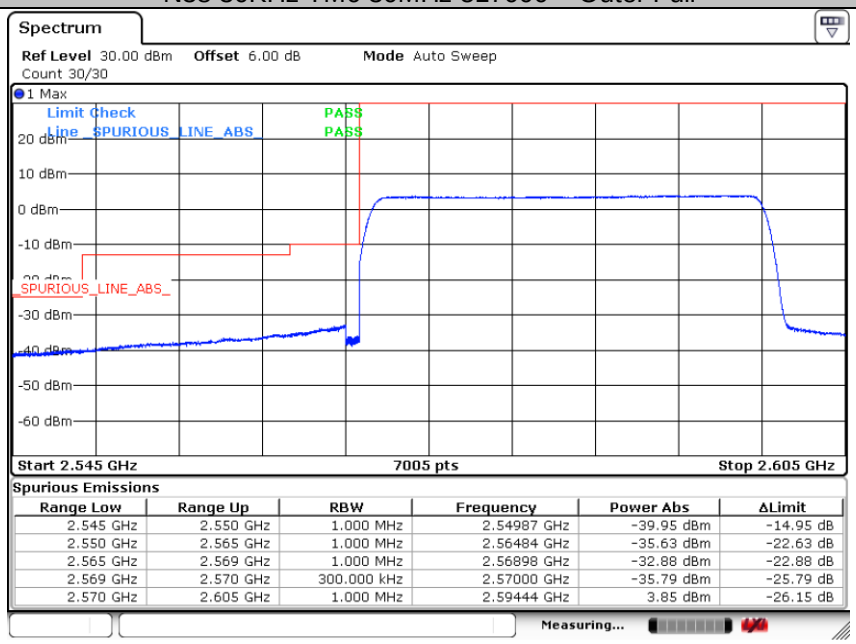


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54734 GHz	-42.82 dBm	-17.82 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56135 GHz	-42.82 dBm	-29.82 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56897 GHz	-38.70 dBm	-28.70 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.57000 GHz	-23.45 dBm	-13.45 dB
2.570 GHz	2.605 GHz	1.000 MHz	2.57116 GHz	17.76 dBm	-12.24 dB

Date: 12.MAR.2021 10:16:00

N38 30KHz TM6 30MHz 517000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54987 GHz	-39.95 dBm	-14.95 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56484 GHz	-35.63 dBm	-22.63 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56898 GHz	-32.88 dBm	-22.88 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.57000 GHz	-35.79 dBm	-25.79 dB
2.570 GHz	2.605 GHz	1.000 MHz	2.59444 GHz	3.85 dBm	-26.15 dB

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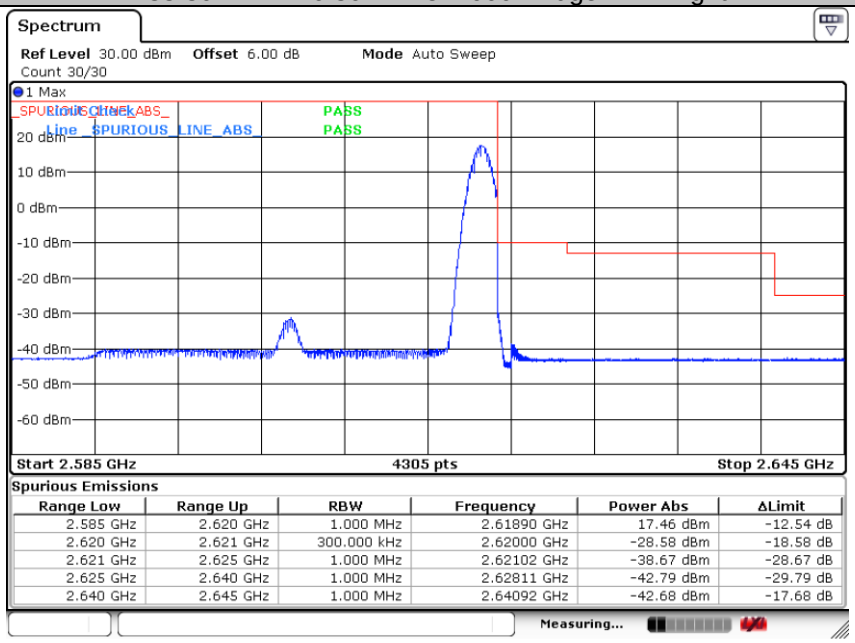
N38 30KHz TM6 30MHz 521000 Edge 1RB Right

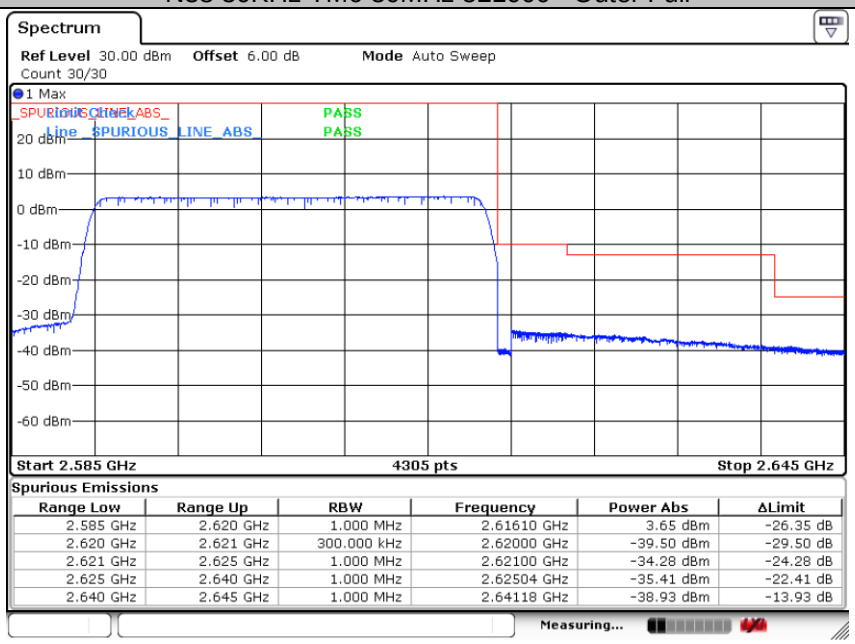


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.585 GHz	2.620 GHz	1.000 MHz	2.61890 GHz	17.46 dBm	-12.54 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62000 GHz	-28.58 dBm	-18.58 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62102 GHz	-38.67 dBm	-28.67 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62811 GHz	-42.79 dBm	-29.79 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64092 GHz	-42.68 dBm	-17.68 dB

Date: 12.MAR.2021 10:35:30

N38 30KHz TM6 30MHz 521000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.585 GHz	2.620 GHz	1.000 MHz	2.61610 GHz	3.65 dBm	-26.35 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62000 GHz	-39.50 dBm	-29.50 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62100 GHz	-34.28 dBm	-24.28 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62504 GHz	-35.41 dBm	-22.41 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64118 GHz	-38.93 dBm	-13.93 dB

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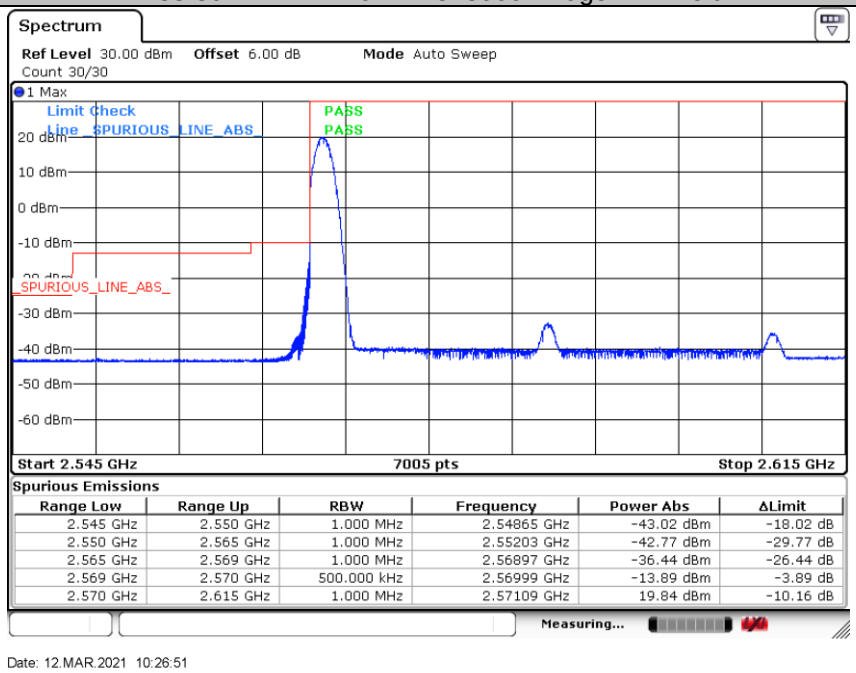
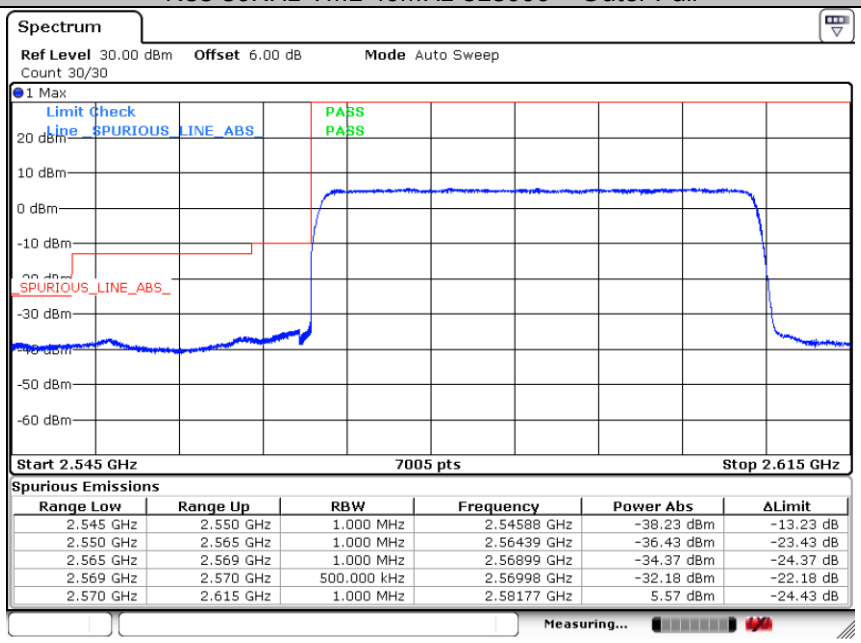


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54865 GHz	-43.02 dBm	-18.02 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.55203 GHz	-42.77 dBm	-29.77 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56897 GHz	-36.44 dBm	-26.44 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56999 GHz	-13.89 dBm	-3.89 dB
2.570 GHz	2.615 GHz	1.000 MHz	2.57109 GHz	19.84 dBm	-10.16 dB

Date: 12.MAR.2021 10:26:51

N38 30KHz TM1 40MHz 518000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54588 GHz	-38.23 dBm	-13.23 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56439 GHz	-36.43 dBm	-23.43 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56899 GHz	-34.37 dBm	-24.37 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56998 GHz	-32.18 dBm	-22.18 dB
2.570 GHz	2.615 GHz	1.000 MHz	2.58177 GHz	5.57 dBm	-24.43 dB

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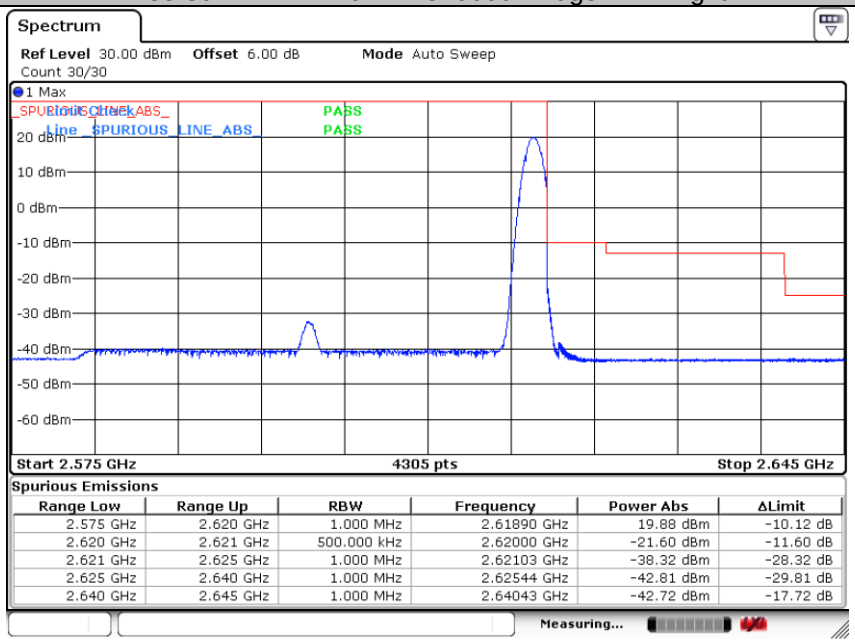
N38 30KHz TM1 40MHz 520000 Edge 1RB Right

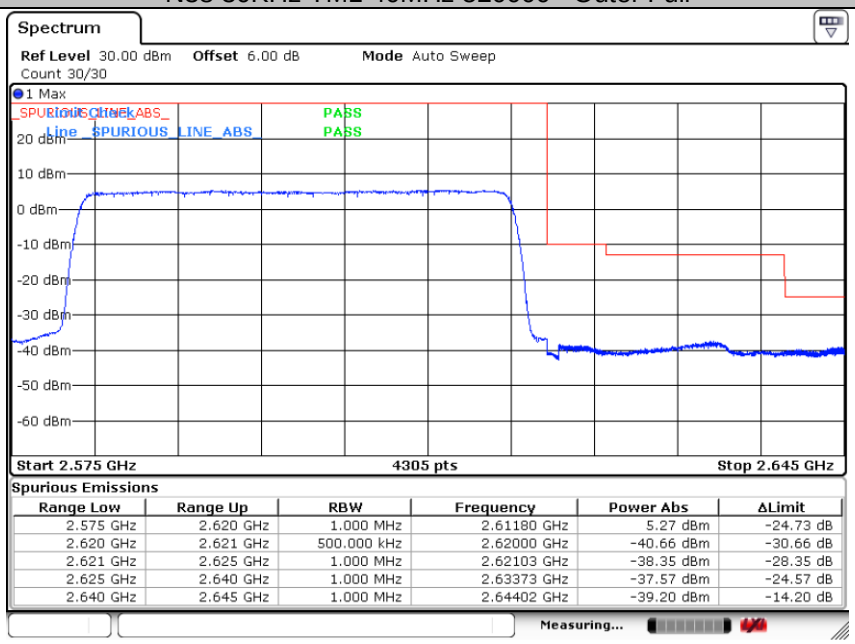


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.575 GHz	2.620 GHz	1.000 MHz	2.61890 GHz	19.88 dBm	-10.12 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62000 GHz	-21.60 dBm	-11.60 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62103 GHz	-38.32 dBm	-28.32 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62544 GHz	-42.81 dBm	-29.81 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64043 GHz	-42.72 dBm	-17.72 dB

Date: 12.MAR.2021 11:08:31

N38 30KHz TM1 40MHz 520000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.575 GHz	2.620 GHz	1.000 MHz	2.61180 GHz	5.27 dBm	-24.73 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62000 GHz	-40.66 dBm	-30.66 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62103 GHz	-38.35 dBm	-28.35 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.63373 GHz	-37.57 dBm	-24.57 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64402 GHz	-39.20 dBm	-14.20 dB

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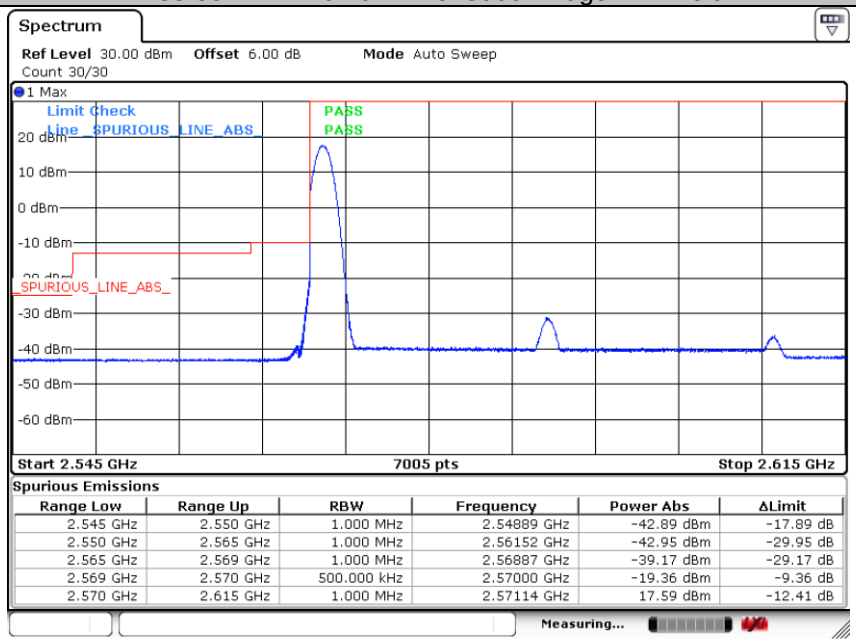
N38 30KHz TM6 40MHz 518000 Edge 1RB Left

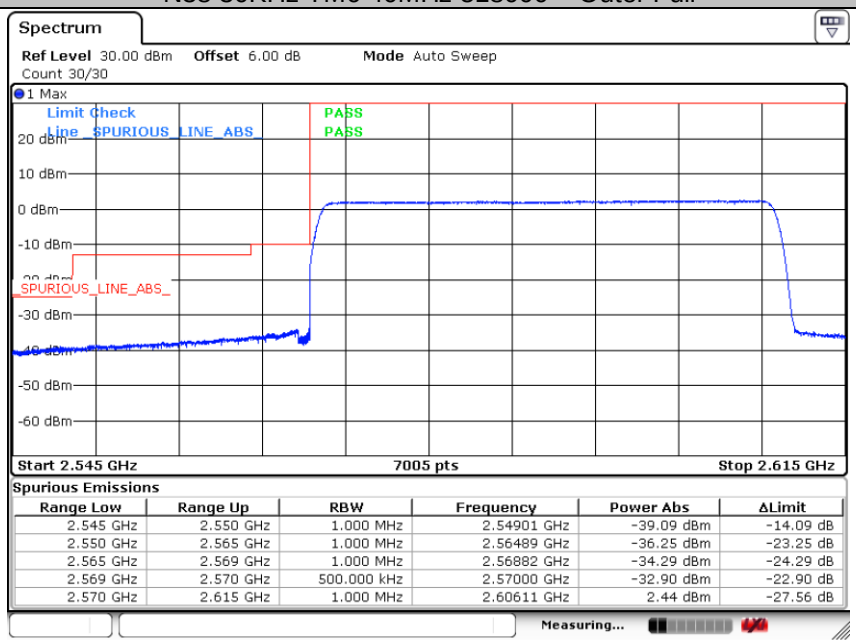


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54889 GHz	-42.89 dBm	-17.89 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56152 GHz	-42.95 dBm	-29.95 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56887 GHz	-39.17 dBm	-29.17 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-19.36 dBm	-9.36 dB
2.570 GHz	2.615 GHz	1.000 MHz	2.57114 GHz	17.59 dBm	-12.41 dB

Date: 12.MAR.2021 10:22:19

N38 30KHz TM6 40MHz 518000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54901 GHz	-39.09 dBm	-14.09 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56489 GHz	-36.25 dBm	-23.25 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56882 GHz	-34.29 dBm	-24.29 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-32.90 dBm	-22.90 dB
2.570 GHz	2.615 GHz	1.000 MHz	2.60611 GHz	2.44 dBm	-27.56 dB

Date: 12.MAR.2021 10:23:55

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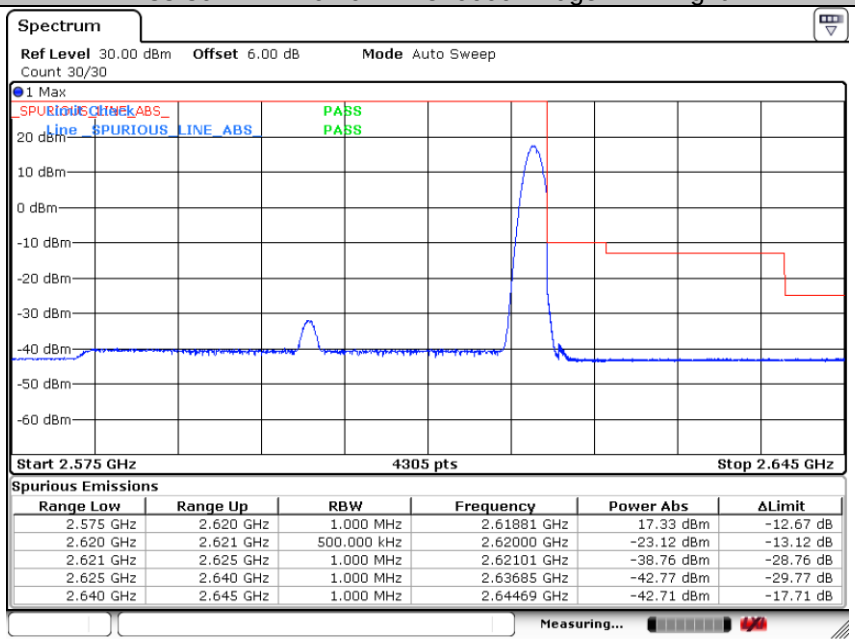
N38 30KHz TM6 40MHz 520000 Edge 1RB Right

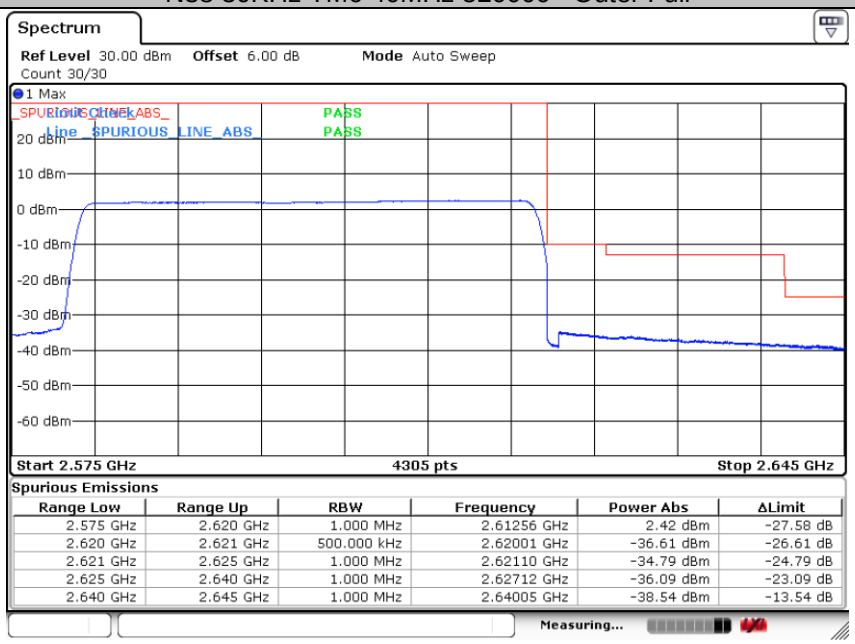


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.575 GHz	2.620 GHz	1.000 MHz	2.61881 GHz	17.33 dBm	-12.67 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62000 GHz	-23.12 dBm	-13.12 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62101 GHz	-38.76 dBm	-28.76 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.63685 GHz	-42.77 dBm	-29.77 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64469 GHz	-42.71 dBm	-17.71 dB

Date: 12.MAR.2021 10:52:43

N38 30KHz TM6 40MHz 520000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.575 GHz	2.620 GHz	1.000 MHz	2.61256 GHz	2.42 dBm	-27.58 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62001 GHz	-36.61 dBm	-26.61 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62110 GHz	-34.79 dBm	-24.79 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62712 GHz	-36.09 dBm	-23.09 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64005 GHz	-38.54 dBm	-13.54 dB

Date: 12.MAR.2021 11:04:17

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

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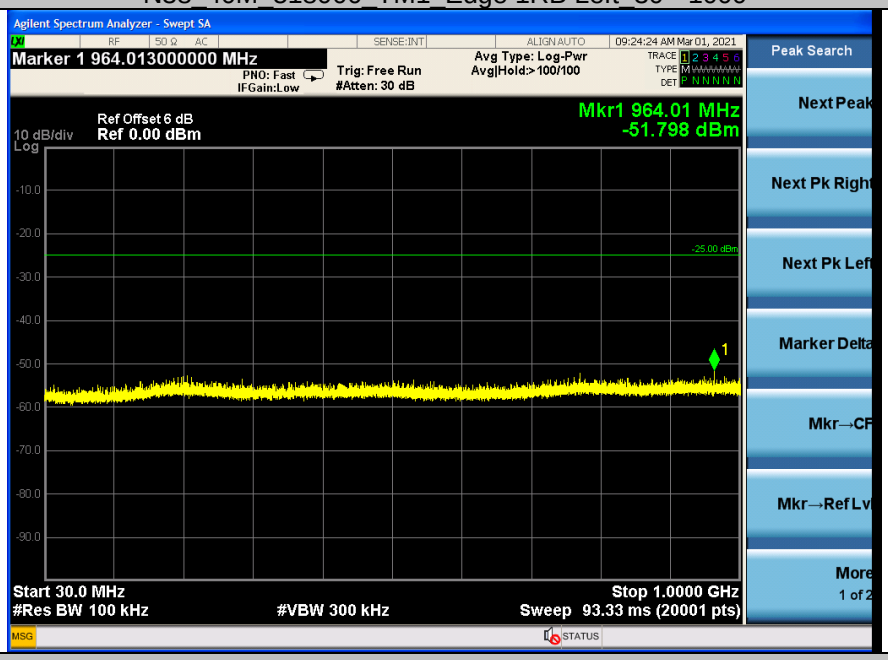
6 Spurious Emission at Antenna Terminal

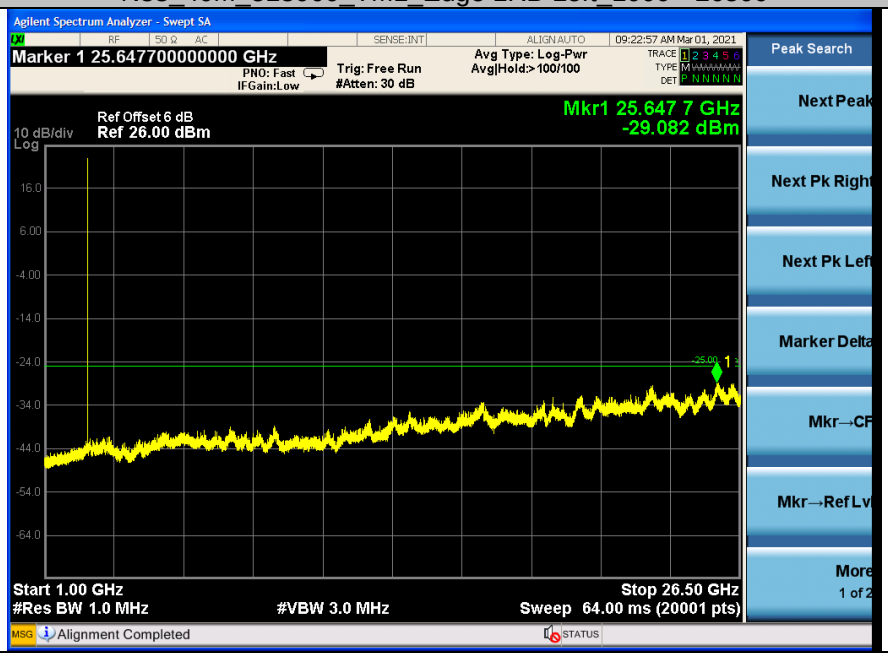
REMARK: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrow Band signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k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

N38_40M_518000_TM1_Edge 1RB Left_30 - 1000



N38_40M_518000_TM1_Edge 1RB Left_1000 - 26500



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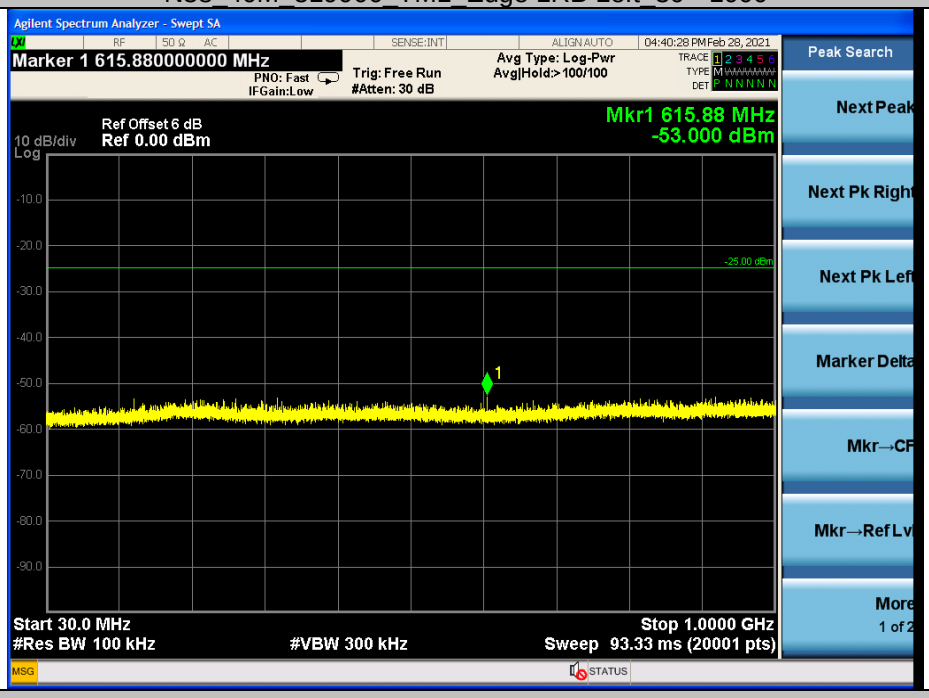
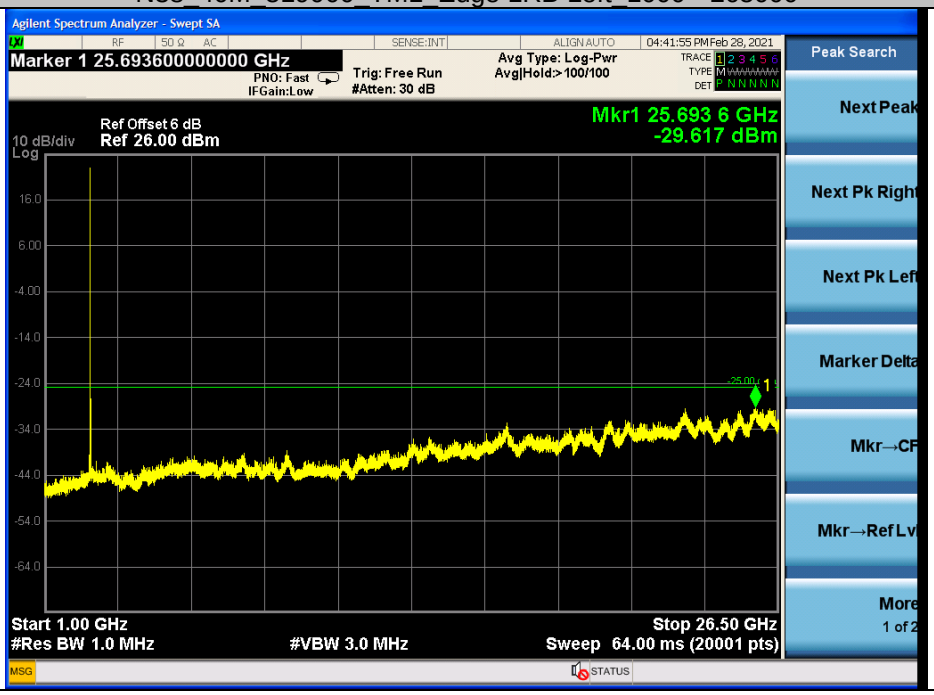
N38_40M_519000_TM1_Edge 1RB Left_30 - 1000



N38_40M_519000_TM1_Edge 1RB Left_1000 - 265000



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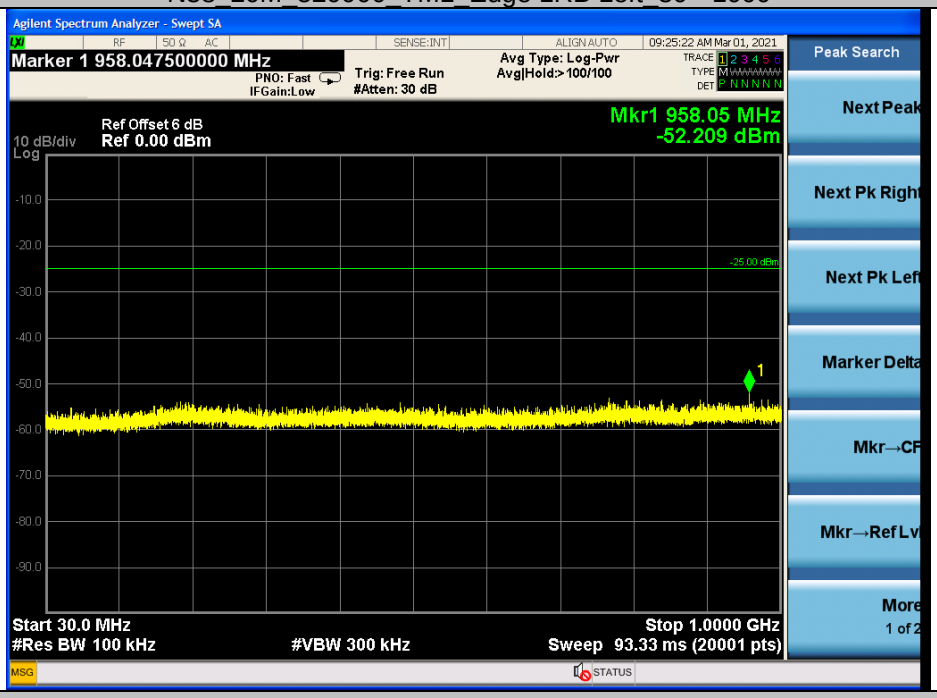
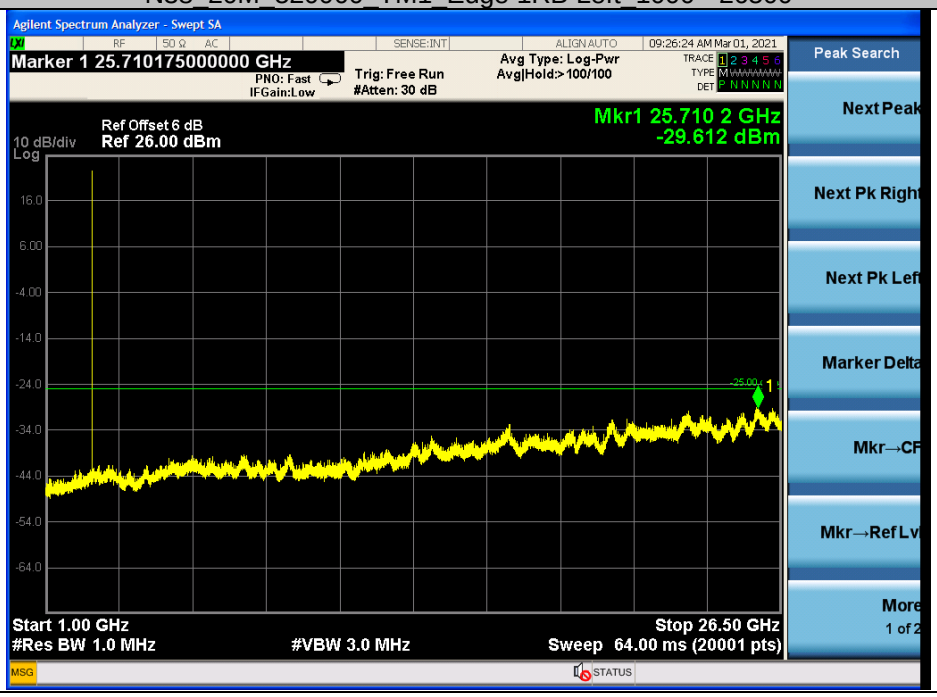
N38_20M_520000_TM1_Edge 1RB Left_30 - 1000



N38_20M_520000_TM1_Edge 1RB Left_1000 - 26500



REMARK:
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

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 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(℃)	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(℃)	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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