



# Appendix B.4

## LTE Band 48



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**Effective (Isotropic) Radiated Power Output Data for**

**ZEWM2306000857RG01**

**Test Result**

ANT3

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	20.74	18.44	23	PASS
Band48	5MHz	QPSK	55265	1RB#12	20.80	18.50	23	PASS
Band48	5MHz	QPSK	55265	1RB#24	21.03	18.73	23	PASS
Band48	5MHz	QPSK	55265	25RB#0	19.66	17.36	23	PASS
Band48	5MHz	QPSK	55990	1RB#0	21.12	18.82	23	PASS
Band48	5MHz	QPSK	55990	1RB#12	21.18	18.88	23	PASS
Band48	5MHz	QPSK	55990	1RB#24	20.34	18.04	23	PASS
Band48	5MHz	QPSK	55990	25RB#0	19.53	17.23	23	PASS
Band48	5MHz	QPSK	56715	1RB#0	19.88	17.58	23	PASS
Band48	5MHz	QPSK	56715	1RB#12	20.48	18.18	23	PASS
Band48	5MHz	QPSK	56715	1RB#24	20.34	18.04	23	PASS
Band48	5MHz	QPSK	56715	25RB#0	19.65	17.35	23	PASS
Band48	5MHz	16QAM	55265	1RB#0	20.09	17.79	23	PASS
Band48	5MHz	16QAM	55265	1RB#12	20.69	18.39	23	PASS
Band48	5MHz	16QAM	55265	1RB#24	20.38	18.08	23	PASS
Band48	5MHz	16QAM	55265	25RB#0	19.54	17.24	23	PASS
Band48	5MHz	16QAM	55990	1RB#0	20.46	18.16	23	PASS
Band48	5MHz	16QAM	55990	1RB#12	20.48	18.18	23	PASS
Band48	5MHz	16QAM	55990	1RB#24	19.85	17.55	23	PASS
Band48	5MHz	16QAM	55990	25RB#0	18.75	16.45	23	PASS
Band48	5MHz	16QAM	56715	1RB#0	19.60	17.30	23	PASS
Band48	5MHz	16QAM	56715	1RB#12	19.50	17.20	23	PASS
Band48	5MHz	16QAM	56715	1RB#24	20.02	17.72	23	PASS
Band48	5MHz	16QAM	56715	25RB#0	18.32	16.02	23	PASS
Band48	5MHz	64QAM	55265	1RB#0	18.58	16.28	23	PASS
Band48	5MHz	64QAM	55265	1RB#12	18.42	16.12	23	PASS
Band48	5MHz	64QAM	55265	1RB#24	19.28	16.98	23	PASS
Band48	5MHz	64QAM	55265	25RB#0	17.85	15.55	23	PASS
Band48	5MHz	64QAM	55990	1RB#0	18.85	16.55	23	PASS
Band48	5MHz	64QAM	55990	1RB#12	18.70	16.40	23	PASS



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Band48	5MHz	64QAM	55990	1RB#24	19.06	16.76	23	PASS
Band48	5MHz	64QAM	55990	25RB#0	17.65	15.35	23	PASS
Band48	5MHz	64QAM	56715	1RB#0	18.17	15.87	23	PASS
Band48	5MHz	64QAM	56715	1RB#12	17.67	15.37	23	PASS
Band48	5MHz	64QAM	56715	1RB#24	17.60	15.30	23	PASS
Band48	5MHz	64QAM	56715	25RB#0	17.27	14.97	23	PASS
Band48	5MHz	256QAM	55265	1RB#0	16.23	13.93	23	PASS
Band48	5MHz	256QAM	55265	1RB#12	16.05	13.75	23	PASS
Band48	5MHz	256QAM	55265	1RB#24	15.81	13.51	23	PASS
Band48	5MHz	256QAM	55265	25RB#0	15.37	13.07	23	PASS
Band48	5MHz	256QAM	55990	1RB#0	15.42	13.12	23	PASS
Band48	5MHz	256QAM	55990	1RB#12	15.95	13.65	23	PASS
Band48	5MHz	256QAM	55990	1RB#24	15.54	13.24	23	PASS
Band48	5MHz	256QAM	55990	25RB#0	14.92	12.62	23	PASS
Band48	5MHz	256QAM	56715	1RB#0	15.88	13.58	23	PASS
Band48	5MHz	256QAM	56715	1RB#12	15.09	12.79	23	PASS
Band48	5MHz	256QAM	56715	1RB#24	15.23	12.93	23	PASS
Band48	5MHz	256QAM	56715	25RB#0	15.80	13.50	23	PASS
Band48	10MHz	QPSK	55290	1RB#0	20.58	18.28	23	PASS
Band48	10MHz	QPSK	55290	1RB#24	20.69	18.39	23	PASS
Band48	10MHz	QPSK	55290	1RB#49	20.65	18.35	23	PASS
Band48	10MHz	QPSK	55290	50RB#0	19.86	17.56	23	PASS
Band48	10MHz	QPSK	55990	1RB#0	21.10	18.80	23	PASS
Band48	10MHz	QPSK	55990	1RB#24	20.73	18.43	23	PASS
Band48	10MHz	QPSK	55990	1RB#49	20.21	17.91	23	PASS
Band48	10MHz	QPSK	55990	50RB#0	20.46	18.16	23	PASS
Band48	10MHz	QPSK	56690	1RB#0	20.58	18.28	23	PASS
Band48	10MHz	QPSK	56690	1RB#24	19.80	17.50	23	PASS
Band48	10MHz	QPSK	56690	1RB#49	20.80	18.50	23	PASS
Band48	10MHz	QPSK	56690	50RB#0	19.87	17.57	23	PASS
Band48	10MHz	16QAM	55290	1RB#0	20.29	17.99	23	PASS
Band48	10MHz	16QAM	55290	1RB#24	20.15	17.85	23	PASS
Band48	10MHz	16QAM	55290	1RB#49	20.40	18.10	23	PASS
Band48	10MHz	16QAM	55290	50RB#0	18.86	16.56	23	PASS
Band48	10MHz	16QAM	55990	1RB#0	20.32	18.02	23	PASS
Band48	10MHz	16QAM	55990	1RB#24	20.54	18.24	23	PASS
Band48	10MHz	16QAM	55990	1RB#49	20.04	17.74	23	PASS
Band48	10MHz	16QAM	55990	50RB#0	18.80	16.50	23	PASS



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Band48	10MHz	16QAM	56690	1RB#0	19.34	17.04	23	PASS
Band48	10MHz	16QAM	56690	1RB#24	19.88	17.58	23	PASS
Band48	10MHz	16QAM	56690	1RB#49	19.67	17.37	23	PASS
Band48	10MHz	16QAM	56690	50RB#0	18.30	16.00	23	PASS
Band48	10MHz	64QAM	55290	1RB#0	18.80	16.50	23	PASS
Band48	10MHz	64QAM	55290	1RB#24	19.15	16.85	23	PASS
Band48	10MHz	64QAM	55290	1RB#49	19.12	16.82	23	PASS
Band48	10MHz	64QAM	55290	50RB#0	17.75	15.45	23	PASS
Band48	10MHz	64QAM	55990	1RB#0	18.55	16.25	23	PASS
Band48	10MHz	64QAM	55990	1RB#24	18.82	16.52	23	PASS
Band48	10MHz	64QAM	55990	1RB#49	18.26	15.96	23	PASS
Band48	10MHz	64QAM	55990	50RB#0	18.17	15.87	23	PASS
Band48	10MHz	64QAM	56690	1RB#0	18.12	15.82	23	PASS
Band48	10MHz	64QAM	56690	1RB#24	18.21	15.91	23	PASS
Band48	10MHz	64QAM	56690	1RB#49	18.48	16.18	23	PASS
Band48	10MHz	64QAM	56690	50RB#0	17.66	15.36	23	PASS
Band48	10MHz	256QAM	55290	1RB#24	16.01	13.71	23	PASS
Band48	10MHz	256QAM	55290	1RB#49	16.10	13.80	23	PASS
Band48	10MHz	256QAM	55290	50RB#0	15.75	13.45	23	PASS
Band48	10MHz	256QAM	55990	1RB#0	16.23	13.93	23	PASS
Band48	10MHz	256QAM	55990	1RB#24	15.38	13.08	23	PASS
Band48	10MHz	256QAM	55990	1RB#49	15.66	13.36	23	PASS
Band48	10MHz	256QAM	55990	50RB#0	15.95	13.65	23	PASS
Band48	10MHz	256QAM	56690	1RB#24	15.32	13.02	23	PASS
Band48	10MHz	256QAM	56690	1RB#49	15.07	12.77	23	PASS
Band48	10MHz	256QAM	56690	50RB#0	15.49	13.19	23	PASS
Band48	10MHz	256QAM	55290	1RB#0	16.08	13.78	23	PASS
Band48	10MHz	256QAM	56690	1RB#0	16.10	13.80	23	PASS
Band48	15MHz	QPSK	55315	1RB#0	20.94	18.64	23	PASS
Band48	15MHz	QPSK	55315	1RB#38	20.64	18.34	23	PASS
Band48	15MHz	QPSK	55315	1RB#74	21.07	18.77	23	PASS
Band48	15MHz	QPSK	55315	75RB#0	19.13	16.83	23	PASS
Band48	15MHz	QPSK	55990	1RB#0	21.18	18.88	23	PASS
Band48	15MHz	QPSK	55990	1RB#38	21.01	18.71	23	PASS
Band48	15MHz	QPSK	55990	1RB#74	20.56	18.26	23	PASS
Band48	15MHz	QPSK	55990	75RB#0	18.47	16.17	23	PASS
Band48	15MHz	QPSK	56665	1RB#0	20.33	18.03	23	PASS
Band48	15MHz	QPSK	56665	1RB#38	19.78	17.48	23	PASS



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Band48	15MHz	QPSK	56665	1RB#74	20.67	18.37	23	PASS
Band48	15MHz	QPSK	56665	75RB#0	18.45	16.15	23	PASS
Band48	15MHz	16QAM	55315	1RB#0	20.06	17.76	23	PASS
Band48	15MHz	16QAM	55315	1RB#38	20.02	17.72	23	PASS
Band48	15MHz	16QAM	55315	1RB#74	20.62	18.32	23	PASS
Band48	15MHz	16QAM	55315	75RB#0	17.80	15.50	23	PASS
Band48	15MHz	16QAM	55990	1RB#0	19.97	17.67	23	PASS
Band48	15MHz	16QAM	55990	1RB#38	19.80	17.50	23	PASS
Band48	15MHz	16QAM	55990	1RB#74	20.31	18.01	23	PASS
Band48	15MHz	16QAM	55990	75RB#0	17.85	15.55	23	PASS
Band48	15MHz	16QAM	56665	1RB#0	19.08	16.78	23	PASS
Band48	15MHz	16QAM	56665	1RB#38	19.25	16.95	23	PASS
Band48	15MHz	16QAM	56665	1RB#74	19.40	17.10	23	PASS
Band48	15MHz	16QAM	56665	75RB#0	17.03	14.73	23	PASS
Band48	15MHz	64QAM	55315	1RB#0	18.78	16.48	23	PASS
Band48	15MHz	64QAM	55315	1RB#38	18.90	16.60	23	PASS
Band48	15MHz	64QAM	55315	1RB#74	18.46	16.16	23	PASS
Band48	15MHz	64QAM	55315	75RB#0	17.18	14.88	23	PASS
Band48	15MHz	64QAM	55990	1RB#0	18.78	16.48	23	PASS
Band48	15MHz	64QAM	55990	1RB#38	18.35	16.05	23	PASS
Band48	15MHz	64QAM	55990	1RB#74	18.52	16.22	23	PASS
Band48	15MHz	64QAM	55990	75RB#0	16.50	14.20	23	PASS
Band48	15MHz	64QAM	56665	1RB#0	18.41	16.11	23	PASS
Band48	15MHz	64QAM	56665	1RB#38	18.45	16.15	23	PASS
Band48	15MHz	64QAM	56665	1RB#74	17.97	15.67	23	PASS
Band48	15MHz	64QAM	56665	75RB#0	16.42	14.12	23	PASS
Band48	15MHz	256QAM	55315	1RB#0	16.27	13.97	23	PASS
Band48	15MHz	256QAM	55315	1RB#38	16.07	13.77	23	PASS
Band48	15MHz	256QAM	55315	1RB#74	15.83	13.53	23	PASS
Band48	15MHz	256QAM	55315	75RB#0	14.68	12.38	23	PASS
Band48	15MHz	256QAM	55990	1RB#0	15.60	13.30	23	PASS
Band48	15MHz	256QAM	55990	1RB#38	15.74	13.44	23	PASS
Band48	15MHz	256QAM	55990	1RB#74	16.00	13.70	23	PASS
Band48	15MHz	256QAM	55990	75RB#0	14.49	12.19	23	PASS
Band48	15MHz	256QAM	56665	1RB#0	15.50	13.20	23	PASS
Band48	15MHz	256QAM	56665	1RB#38	15.37	13.07	23	PASS
Band48	15MHz	256QAM	56665	1RB#74	14.99	12.69	23	PASS
Band48	15MHz	256QAM	56665	75RB#0	13.94	11.64	23	PASS



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Band48	20MHz	QPSK	55340	1RB#0	20.74	18.44	23	PASS
Band48	20MHz	QPSK	55340	1RB#49	20.72	18.42	23	PASS
Band48	20MHz	QPSK	55340	1RB#99	21.49	19.19	23	PASS
Band48	20MHz	QPSK	55340	100RB#0	18.29	15.99	23	PASS
Band48	20MHz	QPSK	55990	1RB#0	20.66	18.36	23	PASS
Band48	20MHz	QPSK	55990	1RB#49	21.02	18.72	23	PASS
Band48	20MHz	QPSK	55990	1RB#99	20.73	18.43	23	PASS
Band48	20MHz	QPSK	55990	100RB#0	18.01	15.71	23	PASS
Band48	20MHz	QPSK	56640	1RB#0	20.74	18.44	23	PASS
Band48	20MHz	QPSK	56640	1RB#49	19.86	17.56	23	PASS
Band48	20MHz	QPSK	56640	1RB#99	20.63	18.33	23	PASS
Band48	20MHz	QPSK	56640	100RB#0	17.17	14.87	23	PASS
Band48	20MHz	16QAM	55340	1RB#0	20.44	18.14	23	PASS
Band48	20MHz	16QAM	55340	1RB#49	20.35	18.05	23	PASS
Band48	20MHz	16QAM	55340	1RB#99	20.02	17.72	23	PASS
Band48	20MHz	16QAM	55340	100RB#0	17.30	15.00	23	PASS
Band48	20MHz	16QAM	55990	1RB#0	20.30	18.00	23	PASS
Band48	20MHz	16QAM	55990	1RB#49	19.53	17.23	23	PASS
Band48	20MHz	16QAM	55990	1RB#99	19.59	17.29	23	PASS
Band48	20MHz	16QAM	55990	100RB#0	17.04	14.74	23	PASS
Band48	20MHz	16QAM	56640	1RB#0	19.64	17.34	23	PASS
Band48	20MHz	16QAM	56640	1RB#49	19.42	17.12	23	PASS
Band48	20MHz	16QAM	56640	1RB#99	19.07	16.77	23	PASS
Band48	20MHz	16QAM	56640	100RB#0	16.61	14.31	23	PASS
Band48	20MHz	64QAM	55340	1RB#0	18.73	16.43	23	PASS
Band48	20MHz	64QAM	55340	1RB#49	18.68	16.38	23	PASS
Band48	20MHz	64QAM	55340	1RB#99	18.73	16.43	23	PASS
Band48	20MHz	64QAM	55340	100RB#0	15.94	13.64	23	PASS
Band48	20MHz	64QAM	55990	1RB#0	18.72	16.42	23	PASS
Band48	20MHz	64QAM	55990	1RB#49	18.58	16.28	23	PASS
Band48	20MHz	64QAM	55990	1RB#99	18.89	16.59	23	PASS
Band48	20MHz	64QAM	55990	100RB#0	16.08	13.78	23	PASS
Band48	20MHz	64QAM	56640	1RB#0	18.05	15.75	23	PASS
Band48	20MHz	64QAM	56640	1RB#49	18.41	16.11	23	PASS
Band48	20MHz	64QAM	56640	1RB#99	17.95	15.65	23	PASS
Band48	20MHz	64QAM	56640	100RB#0	15.15	12.85	23	PASS
Band48	20MHz	256QAM	55340	1RB#0	16.01	13.71	23	PASS
Band48	20MHz	256QAM	55340	1RB#49	16.15	13.85	23	PASS



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Band48	20MHz	256QAM	55340	1RB#99	15.79	13.49	23	PASS
Band48	20MHz	256QAM	55340	100RB#0	12.88	10.58	23	PASS
Band48	20MHz	256QAM	55990	1RB#0	16.14	13.84	23	PASS
Band48	20MHz	256QAM	55990	1RB#49	15.43	13.13	23	PASS
Band48	20MHz	256QAM	55990	1RB#99	15.71	13.41	23	PASS
Band48	20MHz	256QAM	55990	100RB#0	13.15	10.85	23	PASS
Band48	20MHz	256QAM	56640	1RB#0	15.05	12.75	23	PASS
Band48	20MHz	256QAM	56640	1RB#49	14.93	12.63	23	PASS
Band48	20MHz	256QAM	56640	1RB#99	14.76	12.46	23	PASS
Band48	20MHz	256QAM	56640	100RB#0	13.60	11.30	23	PASS



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Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	20.85	18.55	PASS
Band48	5MHz	QPSK	55265	1RB#12	20.93	18.63	PASS
Band48	5MHz	QPSK	55265	1RB#24	20.91	18.61	PASS
Band48	5MHz	QPSK	55265	25RB#0	20.16	17.86	PASS
Band48	5MHz	QPSK	55990	1RB#0	20.68	18.38	PASS
Band48	5MHz	QPSK	55990	1RB#12	20.73	18.43	PASS
Band48	5MHz	QPSK	55990	1RB#24	20.68	18.38	PASS
Band48	5MHz	QPSK	55990	25RB#0	19.91	17.61	PASS
Band48	5MHz	QPSK	56715	1RB#0	20.28	17.98	PASS
Band48	5MHz	QPSK	56715	1RB#12	20.39	18.09	PASS
Band48	5MHz	QPSK	56715	1RB#24	20.32	18.02	PASS
Band48	5MHz	QPSK	56715	25RB#0	19.38	17.08	PASS
Band48	5MHz	16QAM	55265	1RB#0	20.18	17.88	PASS
Band48	5MHz	16QAM	55265	1RB#12	20.24	17.94	PASS
Band48	5MHz	16QAM	55265	1RB#24	20.20	17.90	PASS
Band48	5MHz	16QAM	55265	25RB#0	19.11	16.81	PASS
Band48	5MHz	16QAM	55990	1RB#0	20.02	17.72	PASS
Band48	5MHz	16QAM	55990	1RB#12	20.03	17.73	PASS
Band48	5MHz	16QAM	55990	1RB#24	20.03	17.73	PASS
Band48	5MHz	16QAM	55990	25RB#0	18.97	16.67	PASS
Band48	5MHz	16QAM	56715	1RB#0	19.55	17.25	PASS
Band48	5MHz	16QAM	56715	1RB#12	19.50	17.20	PASS
Band48	5MHz	16QAM	56715	1RB#24	19.53	17.23	PASS
Band48	5MHz	16QAM	56715	25RB#0	18.43	16.13	PASS
Band48	5MHz	64QAM	55265	1RB#0	18.76	16.46	PASS
Band48	5MHz	64QAM	55265	1RB#12	18.79	16.49	PASS
Band48	5MHz	64QAM	55265	1RB#24	18.84	16.54	PASS
Band48	5MHz	64QAM	55265	25RB#0	18.20	15.90	PASS
Band48	5MHz	64QAM	55990	1RB#0	18.64	16.34	PASS
Band48	5MHz	64QAM	55990	1RB#12	18.62	16.32	PASS
Band48	5MHz	64QAM	55990	1RB#24	18.60	16.30	PASS
Band48	5MHz	64QAM	55990	25RB#0	17.96	15.66	PASS
Band48	5MHz	64QAM	56715	1RB#0	18.11	15.81	PASS
Band48	5MHz	64QAM	56715	1RB#12	18.17	15.87	PASS
Band48	5MHz	64QAM	56715	1RB#24	18.08	15.78	PASS



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Band48	5MHz	64QAM	56715	25RB#0	17.50	15.20	PASS
Band48	5MHz	256QAM	55265	1RB#0	15.89	13.59	PASS
Band48	5MHz	256QAM	55265	1RB#12	15.92	13.62	PASS
Band48	5MHz	256QAM	55265	1RB#24	15.94	13.64	PASS
Band48	5MHz	256QAM	55265	25RB#0	15.48	13.18	PASS
Band48	5MHz	256QAM	55990	1RB#0	15.66	13.36	PASS
Band48	5MHz	256QAM	55990	1RB#12	15.57	13.27	PASS
Band48	5MHz	256QAM	55990	1RB#24	15.71	13.41	PASS
Band48	5MHz	256QAM	55990	25RB#0	15.34	13.04	PASS
Band48	5MHz	256QAM	56715	1RB#0	15.81	13.51	PASS
Band48	5MHz	256QAM	56715	1RB#12	15.23	12.93	PASS
Band48	5MHz	256QAM	56715	1RB#24	15.67	13.37	PASS
Band48	5MHz	256QAM	56715	25RB#0	15.38	13.08	PASS
Band48	10MHz	QPSK	55290	1RB#0	20.90	18.60	PASS
Band48	10MHz	QPSK	55290	1RB#24	20.90	18.60	PASS
Band48	10MHz	QPSK	55290	1RB#49	20.91	18.61	PASS
Band48	10MHz	QPSK	55290	50RB#0	20.24	17.94	PASS
Band48	10MHz	QPSK	55990	1RB#0	20.71	18.41	PASS
Band48	10MHz	QPSK	55990	1RB#24	20.69	18.39	PASS
Band48	10MHz	QPSK	55990	1RB#49	20.69	18.39	PASS
Band48	10MHz	QPSK	55990	50RB#0	19.99	17.69	PASS
Band48	10MHz	QPSK	56690	1RB#0	20.25	17.95	PASS
Band48	10MHz	QPSK	56690	1RB#24	20.29	17.99	PASS
Band48	10MHz	QPSK	56690	1RB#49	20.35	18.05	PASS
Band48	10MHz	QPSK	56690	50RB#0	19.47	17.17	PASS
Band48	10MHz	16QAM	55290	1RB#0	20.17	17.87	PASS
Band48	10MHz	16QAM	55290	1RB#24	20.26	17.96	PASS
Band48	10MHz	16QAM	55290	1RB#49	20.27	17.97	PASS
Band48	10MHz	16QAM	55290	50RB#0	19.23	16.93	PASS
Band48	10MHz	16QAM	55990	1RB#0	20.05	17.75	PASS
Band48	10MHz	16QAM	55990	1RB#24	20.04	17.74	PASS
Band48	10MHz	16QAM	55990	1RB#49	20.05	17.75	PASS
Band48	10MHz	16QAM	55990	50RB#0	18.99	16.69	PASS
Band48	10MHz	16QAM	56690	1RB#0	19.55	17.25	PASS
Band48	10MHz	16QAM	56690	1RB#24	19.59	17.29	PASS
Band48	10MHz	16QAM	56690	1RB#49	19.48	17.18	PASS
Band48	10MHz	16QAM	56690	50RB#0	18.47	16.17	PASS
Band48	10MHz	64QAM	55290	1RB#0	18.77	16.47	PASS



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Band48	10MHz	64QAM	55290	1RB#24	18.88	16.58	PASS
Band48	10MHz	64QAM	55290	1RB#49	18.83	16.53	PASS
Band48	10MHz	64QAM	55290	50RB#0	18.16	15.86	PASS
Band48	10MHz	64QAM	55990	1RB#0	18.64	16.34	PASS
Band48	10MHz	64QAM	55990	1RB#24	18.61	16.31	PASS
Band48	10MHz	64QAM	55990	1RB#49	18.55	16.25	PASS
Band48	10MHz	64QAM	55990	50RB#0	17.98	15.68	PASS
Band48	10MHz	64QAM	56690	1RB#0	18.10	15.80	PASS
Band48	10MHz	64QAM	56690	1RB#24	18.12	15.82	PASS
Band48	10MHz	64QAM	56690	1RB#49	18.11	15.81	PASS
Band48	10MHz	64QAM	56690	50RB#0	17.48	15.18	PASS
Band48	10MHz	256QAM	55290	1RB#24	15.95	13.65	PASS
Band48	10MHz	256QAM	55290	1RB#49	16.01	13.71	PASS
Band48	10MHz	256QAM	55290	50RB#0	16.20	13.90	PASS
Band48	10MHz	256QAM	55990	1RB#0	15.88	13.58	PASS
Band48	10MHz	256QAM	55990	1RB#24	15.73	13.43	PASS
Band48	10MHz	256QAM	55990	1RB#49	15.67	13.37	PASS
Band48	10MHz	256QAM	55990	50RB#0	15.98	13.68	PASS
Band48	10MHz	256QAM	56690	1RB#24	15.24	12.94	PASS
Band48	10MHz	256QAM	56690	1RB#49	15.26	12.96	PASS
Band48	10MHz	256QAM	56690	50RB#0	15.46	13.16	PASS
Band48	10MHz	256QAM	55290	1RB#0	15.83	13.53	PASS
Band48	10MHz	256QAM	56690	1RB#0	15.82	13.52	PASS
Band48	15MHz	QPSK	55315	1RB#0	20.88	18.58	PASS
Band48	15MHz	QPSK	55315	1RB#38	20.86	18.56	PASS
Band48	15MHz	QPSK	55315	1RB#74	20.92	18.62	PASS
Band48	15MHz	QPSK	55315	75RB#0	20.13	17.83	PASS
Band48	15MHz	QPSK	55990	1RB#0	20.71	18.41	PASS
Band48	15MHz	QPSK	55990	1RB#38	20.66	18.36	PASS
Band48	15MHz	QPSK	55990	1RB#74	20.65	18.35	PASS
Band48	15MHz	QPSK	55990	75RB#0	19.87	17.57	PASS
Band48	15MHz	QPSK	56665	1RB#0	20.26	17.96	PASS
Band48	15MHz	QPSK	56665	1RB#38	20.24	17.94	PASS
Band48	15MHz	QPSK	56665	1RB#74	20.30	18.00	PASS
Band48	15MHz	QPSK	56665	75RB#0	19.45	17.15	PASS
Band48	15MHz	16QAM	55315	1RB#0	20.17	17.87	PASS
Band48	15MHz	16QAM	55315	1RB#38	20.24	17.94	PASS
Band48	15MHz	16QAM	55315	1RB#74	20.29	17.99	PASS



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Band48	15MHz	16QAM	55315	75RB#0	19.20	16.90	PASS
Band48	15MHz	16QAM	55990	1RB#0	20.00	17.70	PASS
Band48	15MHz	16QAM	55990	1RB#38	19.98	17.68	PASS
Band48	15MHz	16QAM	55990	1RB#74	19.98	17.68	PASS
Band48	15MHz	16QAM	55990	75RB#0	18.85	16.55	PASS
Band48	15MHz	16QAM	56665	1RB#0	19.48	17.18	PASS
Band48	15MHz	16QAM	56665	1RB#38	19.50	17.20	PASS
Band48	15MHz	16QAM	56665	1RB#74	19.55	17.25	PASS
Band48	15MHz	16QAM	56665	75RB#0	18.43	16.13	PASS
Band48	15MHz	64QAM	55315	1RB#0	18.75	16.45	PASS
Band48	15MHz	64QAM	55315	1RB#38	18.87	16.57	PASS
Band48	15MHz	64QAM	55315	1RB#74	18.87	16.57	PASS
Band48	15MHz	64QAM	55315	75RB#0	18.18	15.88	PASS
Band48	15MHz	64QAM	55990	1RB#0	18.56	16.26	PASS
Band48	15MHz	64QAM	55990	1RB#38	18.62	16.32	PASS
Band48	15MHz	64QAM	55990	1RB#74	18.55	16.25	PASS
Band48	15MHz	64QAM	55990	75RB#0	17.90	15.60	PASS
Band48	15MHz	64QAM	56665	1RB#0	18.09	15.79	PASS
Band48	15MHz	64QAM	56665	1RB#38	18.10	15.80	PASS
Band48	15MHz	64QAM	56665	1RB#74	18.13	15.83	PASS
Band48	15MHz	64QAM	56665	75RB#0	17.42	15.12	PASS
Band48	15MHz	256QAM	55315	1RB#0	15.89	13.59	PASS
Band48	15MHz	256QAM	55315	1RB#38	15.95	13.65	PASS
Band48	15MHz	256QAM	55315	1RB#74	15.93	13.63	PASS
Band48	15MHz	256QAM	55315	75RB#0	16.08	13.78	PASS
Band48	15MHz	256QAM	55990	1RB#0	15.81	13.51	PASS
Band48	15MHz	256QAM	55990	1RB#38	15.72	13.42	PASS
Band48	15MHz	256QAM	55990	1RB#74	15.62	13.32	PASS
Band48	15MHz	256QAM	55990	75RB#0	15.89	13.59	PASS
Band48	15MHz	256QAM	56665	1RB#0	15.32	13.02	PASS
Band48	15MHz	256QAM	56665	1RB#38	15.14	12.84	PASS
Band48	15MHz	256QAM	56665	1RB#74	15.22	12.92	PASS
Band48	15MHz	256QAM	56665	75RB#0	15.34	13.04	PASS
Band48	20MHz	QPSK	55340	1RB#0	20.91	18.61	PASS
Band48	20MHz	QPSK	55340	1RB#49	20.88	18.58	PASS
Band48	20MHz	QPSK	55340	1RB#99	21.05	18.75	PASS
Band48	20MHz	QPSK	55340	100RB#0	20.19	17.89	PASS
Band48	20MHz	QPSK	55990	1RB#0	21.03	18.73	PASS



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Band48	20MHz	QPSK	55990	1RB#49	20.70	18.40	PASS
Band48	20MHz	QPSK	55990	1RB#99	20.59	18.29	PASS
Band48	20MHz	QPSK	55990	100RB#0	19.91	17.61	PASS
Band48	20MHz	QPSK	56640	1RB#0	20.69	18.39	PASS
Band48	20MHz	QPSK	56640	1RB#49	20.24	17.94	PASS
Band48	20MHz	QPSK	56640	1RB#99	20.34	18.04	PASS
Band48	20MHz	QPSK	56640	100RB#0	19.47	17.17	PASS
Band48	20MHz	16QAM	55340	1RB#0	20.19	17.89	PASS
Band48	20MHz	16QAM	55340	1RB#49	20.29	17.99	PASS
Band48	20MHz	16QAM	55340	1RB#99	20.35	18.05	PASS
Band48	20MHz	16QAM	55340	100RB#0	19.20	16.90	PASS
Band48	20MHz	16QAM	55990	1RB#0	20.56	18.26	PASS
Band48	20MHz	16QAM	55990	1RB#49	20.00	17.70	PASS
Band48	20MHz	16QAM	55990	1RB#99	19.96	17.66	PASS
Band48	20MHz	16QAM	55990	100RB#0	18.94	16.64	PASS
Band48	20MHz	16QAM	56640	1RB#0	19.50	17.20	PASS
Band48	20MHz	16QAM	56640	1RB#49	19.53	17.23	PASS
Band48	20MHz	16QAM	56640	1RB#99	19.55	17.25	PASS
Band48	20MHz	16QAM	56640	100RB#0	18.51	16.21	PASS
Band48	20MHz	64QAM	55340	1RB#0	18.84	16.54	PASS
Band48	20MHz	64QAM	55340	1RB#49	18.88	16.58	PASS
Band48	20MHz	64QAM	55340	1RB#99	18.91	16.61	PASS
Band48	20MHz	64QAM	55340	100RB#0	18.24	15.94	PASS
Band48	20MHz	64QAM	55990	1RB#0	18.59	16.29	PASS
Band48	20MHz	64QAM	55990	1RB#49	18.61	16.31	PASS
Band48	20MHz	64QAM	55990	1RB#99	18.47	16.17	PASS
Band48	20MHz	64QAM	55990	100RB#0	17.98	15.68	PASS
Band48	20MHz	64QAM	56640	1RB#0	18.07	15.77	PASS
Band48	20MHz	64QAM	56640	1RB#49	18.05	15.75	PASS
Band48	20MHz	64QAM	56640	1RB#99	18.08	15.78	PASS
Band48	20MHz	64QAM	56640	100RB#0	17.45	15.15	PASS
Band48	20MHz	256QAM	55340	1RB#0	15.85	13.55	PASS
Band48	20MHz	256QAM	55340	1RB#49	15.96	13.66	PASS
Band48	20MHz	256QAM	55340	1RB#99	16.00	13.70	PASS
Band48	20MHz	256QAM	55340	100RB#0	15.18	12.88	PASS
Band48	20MHz	256QAM	55990	1RB#0	15.71	13.41	PASS
Band48	20MHz	256QAM	55990	1RB#49	15.73	13.43	PASS
Band48	20MHz	256QAM	55990	1RB#99	15.66	13.36	PASS



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Band48	20MHz	256QAM	55990	100RB#0	15.05	12.75	PASS
Band48	20MHz	256QAM	56640	1RB#0	15.19	12.89	PASS
Band48	20MHz	256QAM	56640	1RB#49	15.22	12.92	PASS
Band48	20MHz	256QAM	56640	1RB#99	15.22	12.92	PASS
Band48	20MHz	256QAM	56640	100RB#0	15.50	13.20	PASS



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**Effective (Isotropic) Radiated Power Output Data for**

**ZEWM2306000856RG01**

**Test Result**

ANT3

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	21.01	18.71	23	PASS
Band48	5MHz	QPSK	55265	1RB#12	20.71	18.41	23	PASS
Band48	5MHz	QPSK	55265	1RB#24	20.90	18.60	23	PASS
Band48	5MHz	QPSK	55265	25RB#0	20.23	17.93	23	PASS
Band48	5MHz	QPSK	55990	1RB#0	20.07	17.77	23	PASS
Band48	5MHz	QPSK	55990	1RB#12	21.25	18.95	23	PASS
Band48	5MHz	QPSK	55990	1RB#24	20.29	17.99	23	PASS
Band48	5MHz	QPSK	55990	25RB#0	19.97	17.67	23	PASS
Band48	5MHz	QPSK	56715	1RB#0	20.59	18.29	23	PASS
Band48	5MHz	QPSK	56715	1RB#12	20.44	18.14	23	PASS
Band48	5MHz	QPSK	56715	1RB#24	20.60	18.30	23	PASS
Band48	5MHz	QPSK	56715	25RB#0	19.22	16.92	23	PASS
Band48	5MHz	16QAM	55265	1RB#0	20.06	17.76	23	PASS
Band48	5MHz	16QAM	55265	1RB#12	19.90	17.60	23	PASS
Band48	5MHz	16QAM	55265	1RB#24	19.71	17.41	23	PASS
Band48	5MHz	16QAM	55265	25RB#0	19.22	16.92	23	PASS
Band48	5MHz	16QAM	55990	1RB#0	19.75	17.45	23	PASS
Band48	5MHz	16QAM	55990	1RB#12	19.82	17.52	23	PASS
Band48	5MHz	16QAM	55990	1RB#24	19.70	17.40	23	PASS
Band48	5MHz	16QAM	55990	25RB#0	19.16	16.86	23	PASS
Band48	5MHz	16QAM	56715	1RB#0	19.69	17.39	23	PASS
Band48	5MHz	16QAM	56715	1RB#12	19.37	17.07	23	PASS
Band48	5MHz	16QAM	56715	1RB#24	19.02	16.72	23	PASS
Band48	5MHz	16QAM	56715	25RB#0	18.18	15.88	23	PASS
Band48	5MHz	64QAM	55265	1RB#0	18.68	16.38	23	PASS
Band48	5MHz	64QAM	55265	1RB#12	18.40	16.10	23	PASS
Band48	5MHz	64QAM	55265	1RB#24	18.81	16.51	23	PASS
Band48	5MHz	64QAM	55265	25RB#0	17.51	15.21	23	PASS
Band48	5MHz	64QAM	55990	1RB#0	18.64	16.34	23	PASS



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Band48	5MHz	64QAM	55990	1RB#12	18.91	16.61	23	PASS
Band48	5MHz	64QAM	55990	1RB#24	18.15	15.85	23	PASS
Band48	5MHz	64QAM	55990	25RB#0	17.66	15.36	23	PASS
Band48	5MHz	64QAM	56715	1RB#0	17.82	15.52	23	PASS
Band48	5MHz	64QAM	56715	1RB#12	18.03	15.73	23	PASS
Band48	5MHz	64QAM	56715	1RB#24	18.42	16.12	23	PASS
Band48	5MHz	64QAM	56715	25RB#0	17.99	15.69	23	PASS
Band48	5MHz	256QAM	55265	1RB#0	15.75	13.45	23	PASS
Band48	5MHz	256QAM	55265	1RB#12	15.55	13.25	23	PASS
Band48	5MHz	256QAM	55265	1RB#24	16.37	14.07	23	PASS
Band48	5MHz	256QAM	55265	25RB#0	16.14	13.84	23	PASS
Band48	5MHz	256QAM	55990	1RB#0	15.36	13.06	23	PASS
Band48	5MHz	256QAM	55990	1RB#12	15.68	13.38	23	PASS
Band48	5MHz	256QAM	55990	1RB#24	16.05	13.75	23	PASS
Band48	5MHz	256QAM	55990	25RB#0	15.11	12.81	23	PASS
Band48	5MHz	256QAM	56715	1RB#0	15.93	13.63	23	PASS
Band48	5MHz	256QAM	56715	1RB#12	14.88	12.58	23	PASS
Band48	5MHz	256QAM	56715	1RB#24	16.06	13.76	23	PASS
Band48	5MHz	256QAM	56715	25RB#0	15.33	13.03	23	PASS
Band48	10MHz	QPSK	55290	1RB#0	20.71	18.41	23	PASS
Band48	10MHz	QPSK	55290	1RB#24	21.09	18.79	23	PASS
Band48	10MHz	QPSK	55290	1RB#49	20.98	18.68	23	PASS
Band48	10MHz	QPSK	55290	50RB#0	20.34	18.04	23	PASS
Band48	10MHz	QPSK	55990	1RB#0	20.60	18.30	23	PASS
Band48	10MHz	QPSK	55990	1RB#24	20.43	18.13	23	PASS
Band48	10MHz	QPSK	55990	1RB#49	20.93	18.63	23	PASS
Band48	10MHz	QPSK	55990	50RB#0	19.85	17.55	23	PASS
Band48	10MHz	QPSK	56690	1RB#0	20.73	18.43	23	PASS
Band48	10MHz	QPSK	56690	1RB#24	20.06	17.76	23	PASS
Band48	10MHz	QPSK	56690	1RB#49	20.38	18.08	23	PASS
Band48	10MHz	QPSK	56690	50RB#0	19.36	17.06	23	PASS
Band48	10MHz	16QAM	55290	1RB#0	20.51	18.21	23	PASS
Band48	10MHz	16QAM	55290	1RB#24	19.98	17.68	23	PASS
Band48	10MHz	16QAM	55290	1RB#49	19.87	17.57	23	PASS
Band48	10MHz	16QAM	55290	50RB#0	19.22	16.92	23	PASS
Band48	10MHz	16QAM	55990	1RB#0	19.96	17.66	23	PASS
Band48	10MHz	16QAM	55990	1RB#24	19.94	17.64	23	PASS
Band48	10MHz	16QAM	55990	1RB#49	20.32	18.02	23	PASS



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Band48	10MHz	16QAM	55990	50RB#0	19.21	16.91	23	PASS
Band48	10MHz	16QAM	56690	1RB#0	19.80	17.50	23	PASS
Band48	10MHz	16QAM	56690	1RB#24	19.26	16.96	23	PASS
Band48	10MHz	16QAM	56690	1RB#49	19.39	17.09	23	PASS
Band48	10MHz	16QAM	56690	50RB#0	19.00	16.70	23	PASS
Band48	10MHz	64QAM	55290	1RB#0	18.43	16.13	23	PASS
Band48	10MHz	64QAM	55290	1RB#24	19.03	16.73	23	PASS
Band48	10MHz	64QAM	55290	1RB#49	19.35	17.05	23	PASS
Band48	10MHz	64QAM	55290	50RB#0	18.42	16.12	23	PASS
Band48	10MHz	64QAM	55990	1RB#0	19.24	16.94	23	PASS
Band48	10MHz	64QAM	55990	1RB#24	18.86	16.56	23	PASS
Band48	10MHz	64QAM	55990	1RB#49	18.90	16.60	23	PASS
Band48	10MHz	64QAM	55990	50RB#0	18.03	15.73	23	PASS
Band48	10MHz	64QAM	56690	1RB#0	18.05	15.75	23	PASS
Band48	10MHz	64QAM	56690	1RB#24	17.55	15.25	23	PASS
Band48	10MHz	64QAM	56690	1RB#49	18.42	16.12	23	PASS
Band48	10MHz	64QAM	56690	50RB#0	17.05	14.75	23	PASS
Band48	10MHz	256QAM	55290	1RB#24	15.70	13.40	23	PASS
Band48	10MHz	256QAM	55290	1RB#49	15.73	13.43	23	PASS
Band48	10MHz	256QAM	55290	50RB#0	15.68	13.38	23	PASS
Band48	10MHz	256QAM	55990	1RB#0	16.32	14.02	23	PASS
Band48	10MHz	256QAM	55990	1RB#24	15.12	12.82	23	PASS
Band48	10MHz	256QAM	55990	1RB#49	15.86	13.56	23	PASS
Band48	10MHz	256QAM	55990	50RB#0	15.80	13.50	23	PASS
Band48	10MHz	256QAM	56690	1RB#24	14.78	12.48	23	PASS
Band48	10MHz	256QAM	56690	1RB#49	14.88	12.58	23	PASS
Band48	10MHz	256QAM	56690	50RB#0	15.82	13.52	23	PASS
Band48	10MHz	256QAM	55290	1RB#0	16.31	14.01	23	PASS
Band48	10MHz	256QAM	56690	1RB#0	15.90	13.60	23	PASS
Band48	15MHz	QPSK	55315	1RB#0	20.41	18.11	23	PASS
Band48	15MHz	QPSK	55315	1RB#38	21.11	18.81	23	PASS
Band48	15MHz	QPSK	55315	1RB#74	20.94	18.64	23	PASS
Band48	15MHz	QPSK	55315	75RB#0	18.80	16.50	23	PASS
Band48	15MHz	QPSK	55990	1RB#0	20.30	18.00	23	PASS
Band48	15MHz	QPSK	55990	1RB#38	21.24	18.94	23	PASS
Band48	15MHz	QPSK	55990	1RB#74	20.33	18.03	23	PASS
Band48	15MHz	QPSK	55990	75RB#0	18.87	16.57	23	PASS
Band48	15MHz	QPSK	56665	1RB#0	20.59	18.29	23	PASS



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Band48	15MHz	QPSK	56665	1RB#38	19.97	17.67	23	PASS
Band48	15MHz	QPSK	56665	1RB#74	20.62	18.32	23	PASS
Band48	15MHz	QPSK	56665	75RB#0	17.80	15.50	23	PASS
Band48	15MHz	16QAM	55315	1RB#0	20.04	17.74	23	PASS
Band48	15MHz	16QAM	55315	1RB#38	20.00	17.70	23	PASS
Band48	15MHz	16QAM	55315	1RB#74	19.84	17.54	23	PASS
Band48	15MHz	16QAM	55315	75RB#0	18.15	15.85	23	PASS
Band48	15MHz	16QAM	55990	1RB#0	20.41	18.11	23	PASS
Band48	15MHz	16QAM	55990	1RB#38	19.93	17.63	23	PASS
Band48	15MHz	16QAM	55990	1RB#74	20.26	17.96	23	PASS
Band48	15MHz	16QAM	55990	75RB#0	17.68	15.38	23	PASS
Band48	15MHz	16QAM	56665	1RB#0	19.00	16.70	23	PASS
Band48	15MHz	16QAM	56665	1RB#38	19.36	17.06	23	PASS
Band48	15MHz	16QAM	56665	1RB#74	19.98	17.68	23	PASS
Band48	15MHz	16QAM	56665	75RB#0	16.95	14.65	23	PASS
Band48	15MHz	64QAM	55315	1RB#0	18.90	16.60	23	PASS
Band48	15MHz	64QAM	55315	1RB#38	18.77	16.47	23	PASS
Band48	15MHz	64QAM	55315	1RB#74	19.51	17.21	23	PASS
Band48	15MHz	64QAM	55315	75RB#0	17.15	14.85	23	PASS
Band48	15MHz	64QAM	55990	1RB#0	18.89	16.59	23	PASS
Band48	15MHz	64QAM	55990	1RB#38	18.76	16.46	23	PASS
Band48	15MHz	64QAM	55990	1RB#74	18.65	16.35	23	PASS
Band48	15MHz	64QAM	55990	75RB#0	16.81	14.51	23	PASS
Band48	15MHz	64QAM	56665	1RB#0	18.46	16.16	23	PASS
Band48	15MHz	64QAM	56665	1RB#38	17.92	15.62	23	PASS
Band48	15MHz	64QAM	56665	1RB#74	17.87	15.57	23	PASS
Band48	15MHz	64QAM	56665	75RB#0	15.89	13.59	23	PASS
Band48	15MHz	256QAM	55315	1RB#0	15.86	13.56	23	PASS
Band48	15MHz	256QAM	55315	1RB#38	16.19	13.89	23	PASS
Band48	15MHz	256QAM	55315	1RB#74	15.74	13.44	23	PASS
Band48	15MHz	256QAM	55315	75RB#0	15.05	12.75	23	PASS
Band48	15MHz	256QAM	55990	1RB#0	15.79	13.49	23	PASS
Band48	15MHz	256QAM	55990	1RB#38	15.58	13.28	23	PASS
Band48	15MHz	256QAM	55990	1RB#74	15.40	13.10	23	PASS
Band48	15MHz	256QAM	55990	75RB#0	14.83	12.53	23	PASS
Band48	15MHz	256QAM	56665	1RB#0	15.87	13.57	23	PASS
Band48	15MHz	256QAM	56665	1RB#38	15.11	12.81	23	PASS
Band48	15MHz	256QAM	56665	1RB#74	14.92	12.62	23	PASS



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Band48	15MHz	256QAM	56665	75RB#0	13.59	11.29	23	PASS
Band48	20MHz	QPSK	55340	1RB#0	21.46	19.16	23	PASS
Band48	20MHz	QPSK	55340	1RB#49	20.79	18.49	23	PASS
Band48	20MHz	QPSK	55340	1RB#99	21.27	18.97	23	PASS
Band48	20MHz	QPSK	55340	100RB#0	18.40	16.10	23	PASS
Band48	20MHz	QPSK	55990	1RB#0	21.45	19.15	23	PASS
Band48	20MHz	QPSK	55990	1RB#49	20.97	18.67	23	PASS
Band48	20MHz	QPSK	55990	1RB#99	20.99	18.69	23	PASS
Band48	20MHz	QPSK	55990	100RB#0	18.00	15.70	23	PASS
Band48	20MHz	QPSK	56640	1RB#0	20.84	18.54	23	PASS
Band48	20MHz	QPSK	56640	1RB#49	20.41	18.11	23	PASS
Band48	20MHz	QPSK	56640	1RB#99	20.20	17.90	23	PASS
Band48	20MHz	QPSK	56640	100RB#0	17.11	14.81	23	PASS
Band48	20MHz	16QAM	55340	1RB#0	20.20	17.90	23	PASS
Band48	20MHz	16QAM	55340	1RB#49	20.55	18.25	23	PASS
Band48	20MHz	16QAM	55340	1RB#99	20.60	18.30	23	PASS
Band48	20MHz	16QAM	55340	100RB#0	16.88	14.58	23	PASS
Band48	20MHz	16QAM	55990	1RB#0	20.20	17.90	23	PASS
Band48	20MHz	16QAM	55990	1RB#49	19.49	17.19	23	PASS
Band48	20MHz	16QAM	55990	1RB#99	19.86	17.56	23	PASS
Band48	20MHz	16QAM	55990	100RB#0	16.70	14.40	23	PASS
Band48	20MHz	16QAM	56640	1RB#0	20.00	17.70	23	PASS
Band48	20MHz	16QAM	56640	1RB#49	19.40	17.10	23	PASS
Band48	20MHz	16QAM	56640	1RB#99	19.79	17.49	23	PASS
Band48	20MHz	16QAM	56640	100RB#0	16.09	13.79	23	PASS
Band48	20MHz	64QAM	55340	1RB#0	18.90	16.60	23	PASS
Band48	20MHz	64QAM	55340	1RB#49	18.91	16.61	23	PASS
Band48	20MHz	64QAM	55340	1RB#99	18.81	16.51	23	PASS
Band48	20MHz	64QAM	55340	100RB#0	16.43	14.13	23	PASS
Band48	20MHz	64QAM	55990	1RB#0	18.48	16.18	23	PASS
Band48	20MHz	64QAM	55990	1RB#49	18.35	16.05	23	PASS
Band48	20MHz	64QAM	55990	1RB#99	18.35	16.05	23	PASS
Band48	20MHz	64QAM	55990	100RB#0	15.49	13.19	23	PASS
Band48	20MHz	64QAM	56640	1RB#0	18.47	16.17	23	PASS
Band48	20MHz	64QAM	56640	1RB#49	18.59	16.29	23	PASS
Band48	20MHz	64QAM	56640	1RB#99	18.40	16.10	23	PASS
Band48	20MHz	64QAM	56640	100RB#0	15.24	12.94	23	PASS
Band48	20MHz	256QAM	55340	1RB#0	15.65	13.35	23	PASS



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Band48	20MHz	256QAM	55340	1RB#49	16.20	13.90	23	PASS
Band48	20MHz	256QAM	55340	1RB#99	15.71	13.41	23	PASS
Band48	20MHz	256QAM	55340	100RB#0	12.90	10.60	23	PASS
Band48	20MHz	256QAM	55990	1RB#0	15.45	13.15	23	PASS
Band48	20MHz	256QAM	55990	1RB#49	15.65	13.35	23	PASS
Band48	20MHz	256QAM	55990	1RB#99	15.37	13.07	23	PASS
Band48	20MHz	256QAM	55990	100RB#0	12.68	10.38	23	PASS
Band48	20MHz	256QAM	56640	1RB#0	14.98	12.68	23	PASS
Band48	20MHz	256QAM	56640	1RB#49	15.18	12.88	23	PASS
Band48	20MHz	256QAM	56640	1RB#99	14.67	12.37	23	PASS
Band48	20MHz	256QAM	56640	100RB#0	13.78	11.48	23	PASS



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Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	20.67	18.37	PASS
Band48	5MHz	QPSK	55265	1RB#12	20.84	18.54	PASS
Band48	5MHz	QPSK	55265	1RB#24	20.95	18.65	PASS
Band48	5MHz	QPSK	55265	25RB#0	20.23	17.93	PASS
Band48	5MHz	QPSK	55990	1RB#0	20.52	18.22	PASS
Band48	5MHz	QPSK	55990	1RB#12	20.91	18.61	PASS
Band48	5MHz	QPSK	55990	1RB#24	20.74	18.44	PASS
Band48	5MHz	QPSK	55990	25RB#0	19.98	17.68	PASS
Band48	5MHz	QPSK	56715	1RB#0	20.36	18.06	PASS
Band48	5MHz	QPSK	56715	1RB#12	20.58	18.28	PASS
Band48	5MHz	QPSK	56715	1RB#24	20.22	17.92	PASS
Band48	5MHz	QPSK	56715	25RB#0	19.22	16.92	PASS
Band48	5MHz	16QAM	55265	1RB#0	20.10	17.80	PASS
Band48	5MHz	16QAM	55265	1RB#12	20.20	17.90	PASS
Band48	5MHz	16QAM	55265	1RB#24	20.10	17.80	PASS
Band48	5MHz	16QAM	55265	25RB#0	19.29	16.99	PASS
Band48	5MHz	16QAM	55990	1RB#0	20.10	17.80	PASS
Band48	5MHz	16QAM	55990	1RB#12	20.12	17.82	PASS
Band48	5MHz	16QAM	55990	1RB#24	20.04	17.74	PASS
Band48	5MHz	16QAM	55990	25RB#0	18.90	16.60	PASS
Band48	5MHz	16QAM	56715	1RB#0	19.70	17.40	PASS
Band48	5MHz	16QAM	56715	1RB#12	19.46	17.16	PASS
Band48	5MHz	16QAM	56715	1RB#24	19.38	17.08	PASS
Band48	5MHz	16QAM	56715	25RB#0	18.33	16.03	PASS
Band48	5MHz	64QAM	55265	1RB#0	18.90	16.60	PASS
Band48	5MHz	64QAM	55265	1RB#12	18.82	16.52	PASS
Band48	5MHz	64QAM	55265	1RB#24	18.84	16.54	PASS
Band48	5MHz	64QAM	55265	25RB#0	18.00	15.70	PASS
Band48	5MHz	64QAM	55990	1RB#0	18.76	16.46	PASS
Band48	5MHz	64QAM	55990	1RB#12	18.78	16.48	PASS
Band48	5MHz	64QAM	55990	1RB#24	18.55	16.25	PASS
Band48	5MHz	64QAM	55990	25RB#0	18.10	15.80	PASS
Band48	5MHz	64QAM	56715	1RB#0	18.09	15.79	PASS
Band48	5MHz	64QAM	56715	1RB#12	18.32	16.02	PASS
Band48	5MHz	64QAM	56715	1RB#24	18.19	15.89	PASS
Band48	5MHz	64QAM	56715	25RB#0	17.59	15.29	PASS



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Band48	5MHz	256QAM	55265	1RB#0	16.08	13.78	PASS
Band48	5MHz	256QAM	55265	1RB#12	16.02	13.72	PASS
Band48	5MHz	256QAM	55265	1RB#24	16.03	13.73	PASS
Band48	5MHz	256QAM	55265	25RB#0	15.65	13.35	PASS
Band48	5MHz	256QAM	55990	1RB#0	15.54	13.24	PASS
Band48	5MHz	256QAM	55990	1RB#12	15.67	13.37	PASS
Band48	5MHz	256QAM	55990	1RB#24	15.85	13.55	PASS
Band48	5MHz	256QAM	55990	25RB#0	15.47	13.17	PASS
Band48	5MHz	256QAM	56715	1RB#0	15.73	13.43	PASS
Band48	5MHz	256QAM	56715	1RB#12	15.20	12.90	PASS
Band48	5MHz	256QAM	56715	1RB#24	15.75	13.45	PASS
Band48	5MHz	256QAM	56715	25RB#0	15.20	12.90	PASS
Band48	10MHz	QPSK	55290	1RB#0	20.93	18.63	PASS
Band48	10MHz	QPSK	55290	1RB#24	20.72	18.42	PASS
Band48	10MHz	QPSK	55290	1RB#49	20.97	18.67	PASS
Band48	10MHz	QPSK	55290	50RB#0	20.22	17.92	PASS
Band48	10MHz	QPSK	55990	1RB#0	20.83	18.53	PASS
Band48	10MHz	QPSK	55990	1RB#24	20.77	18.47	PASS
Band48	10MHz	QPSK	55990	1RB#49	20.89	18.59	PASS
Band48	10MHz	QPSK	55990	50RB#0	19.85	17.55	PASS
Band48	10MHz	QPSK	56690	1RB#0	20.36	18.06	PASS
Band48	10MHz	QPSK	56690	1RB#24	20.10	17.80	PASS
Band48	10MHz	QPSK	56690	1RB#49	20.42	18.12	PASS
Band48	10MHz	QPSK	56690	50RB#0	19.67	17.37	PASS
Band48	10MHz	16QAM	55290	1RB#0	20.18	17.88	PASS
Band48	10MHz	16QAM	55290	1RB#24	20.44	18.14	PASS
Band48	10MHz	16QAM	55290	1RB#49	20.29	17.99	PASS
Band48	10MHz	16QAM	55290	50RB#0	19.22	16.92	PASS
Band48	10MHz	16QAM	55990	1RB#0	19.92	17.62	PASS
Band48	10MHz	16QAM	55990	1RB#24	19.89	17.59	PASS
Band48	10MHz	16QAM	55990	1RB#49	20.23	17.93	PASS
Band48	10MHz	16QAM	55990	50RB#0	19.14	16.84	PASS
Band48	10MHz	16QAM	56690	1RB#0	19.41	17.11	PASS
Band48	10MHz	16QAM	56690	1RB#24	19.64	17.34	PASS
Band48	10MHz	16QAM	56690	1RB#49	19.64	17.34	PASS
Band48	10MHz	16QAM	56690	50RB#0	18.59	16.29	PASS
Band48	10MHz	64QAM	55290	1RB#0	18.64	16.34	PASS
Band48	10MHz	64QAM	55290	1RB#24	18.74	16.44	PASS



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Band48	10MHz	64QAM	55290	1RB#49	18.92	16.62	PASS
Band48	10MHz	64QAM	55290	50RB#0	18.26	15.96	PASS
Band48	10MHz	64QAM	55990	1RB#0	18.84	16.54	PASS
Band48	10MHz	64QAM	55990	1RB#24	18.73	16.43	PASS
Band48	10MHz	64QAM	55990	1RB#49	18.59	16.29	PASS
Band48	10MHz	64QAM	55990	50RB#0	17.98	15.68	PASS
Band48	10MHz	64QAM	56690	1RB#0	17.90	15.60	PASS
Band48	10MHz	64QAM	56690	1RB#24	17.99	15.69	PASS
Band48	10MHz	64QAM	56690	1RB#49	18.21	15.91	PASS
Band48	10MHz	64QAM	56690	50RB#0	17.33	15.03	PASS
Band48	10MHz	256QAM	55290	1RB#24	15.99	13.69	PASS
Band48	10MHz	256QAM	55290	1RB#49	16.16	13.86	PASS
Band48	10MHz	256QAM	55290	50RB#0	16.13	13.83	PASS
Band48	10MHz	256QAM	55990	1RB#0	15.92	13.62	PASS
Band48	10MHz	256QAM	55990	1RB#24	15.59	13.29	PASS
Band48	10MHz	256QAM	55990	1RB#49	15.83	13.53	PASS
Band48	10MHz	256QAM	55990	50RB#0	16.16	13.86	PASS
Band48	10MHz	256QAM	56690	1RB#24	15.17	12.87	PASS
Band48	10MHz	256QAM	56690	1RB#49	15.19	12.89	PASS
Band48	10MHz	256QAM	56690	50RB#0	15.44	13.14	PASS
Band48	10MHz	256QAM	55290	1RB#0	15.87	13.57	PASS
Band48	10MHz	256QAM	56690	1RB#0	15.94	13.64	PASS
Band48	15MHz	QPSK	55315	1RB#0	20.77	18.47	PASS
Band48	15MHz	QPSK	55315	1RB#38	20.87	18.57	PASS
Band48	15MHz	QPSK	55315	1RB#74	20.87	18.57	PASS
Band48	15MHz	QPSK	55315	75RB#0	20.00	17.70	PASS
Band48	15MHz	QPSK	55990	1RB#0	20.78	18.48	PASS
Band48	15MHz	QPSK	55990	1RB#38	20.84	18.54	PASS
Band48	15MHz	QPSK	55990	1RB#74	20.78	18.48	PASS
Band48	15MHz	QPSK	55990	75RB#0	20.07	17.77	PASS
Band48	15MHz	QPSK	56665	1RB#0	20.29	17.99	PASS
Band48	15MHz	QPSK	56665	1RB#38	20.23	17.93	PASS
Band48	15MHz	QPSK	56665	1RB#74	20.49	18.19	PASS
Band48	15MHz	QPSK	56665	75RB#0	19.37	17.07	PASS
Band48	15MHz	16QAM	55315	1RB#0	20.05	17.75	PASS
Band48	15MHz	16QAM	55315	1RB#38	20.29	17.99	PASS
Band48	15MHz	16QAM	55315	1RB#74	20.14	17.84	PASS
Band48	15MHz	16QAM	55315	75RB#0	19.35	17.05	PASS



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Band48	15MHz	16QAM	55990	1RB#0	19.98	17.68	PASS
Band48	15MHz	16QAM	55990	1RB#38	19.89	17.59	PASS
Band48	15MHz	16QAM	55990	1RB#74	20.16	17.86	PASS
Band48	15MHz	16QAM	55990	75RB#0	18.88	16.58	PASS
Band48	15MHz	16QAM	56665	1RB#0	19.39	17.09	PASS
Band48	15MHz	16QAM	56665	1RB#38	19.62	17.32	PASS
Band48	15MHz	16QAM	56665	1RB#74	19.73	17.43	PASS
Band48	15MHz	16QAM	56665	75RB#0	18.52	16.22	PASS
Band48	15MHz	64QAM	55315	1RB#0	18.89	16.59	PASS
Band48	15MHz	64QAM	55315	1RB#38	18.97	16.67	PASS
Band48	15MHz	64QAM	55315	1RB#74	19.05	16.75	PASS
Band48	15MHz	64QAM	55315	75RB#0	18.35	16.05	PASS
Band48	15MHz	64QAM	55990	1RB#0	18.44	16.14	PASS
Band48	15MHz	64QAM	55990	1RB#38	18.52	16.22	PASS
Band48	15MHz	64QAM	55990	1RB#74	18.38	16.08	PASS
Band48	15MHz	64QAM	55990	75RB#0	18.01	15.71	PASS
Band48	15MHz	64QAM	56665	1RB#0	18.11	15.81	PASS
Band48	15MHz	64QAM	56665	1RB#38	18.12	15.82	PASS
Band48	15MHz	64QAM	56665	1RB#74	18.17	15.87	PASS
Band48	15MHz	64QAM	56665	75RB#0	17.46	15.16	PASS
Band48	15MHz	256QAM	55315	1RB#0	15.72	13.42	PASS
Band48	15MHz	256QAM	55315	1RB#38	16.07	13.77	PASS
Band48	15MHz	256QAM	55315	1RB#74	16.13	13.83	PASS
Band48	15MHz	256QAM	55315	75RB#0	16.25	13.95	PASS
Band48	15MHz	256QAM	55990	1RB#0	15.71	13.41	PASS
Band48	15MHz	256QAM	55990	1RB#38	15.81	13.51	PASS
Band48	15MHz	256QAM	55990	1RB#74	15.75	13.45	PASS
Band48	15MHz	256QAM	55990	75RB#0	16.03	13.73	PASS
Band48	15MHz	256QAM	56665	1RB#0	15.46	13.16	PASS
Band48	15MHz	256QAM	56665	1RB#38	14.96	12.66	PASS
Band48	15MHz	256QAM	56665	1RB#74	15.23	12.93	PASS
Band48	15MHz	256QAM	56665	75RB#0	15.16	12.86	PASS
Band48	20MHz	QPSK	55340	1RB#0	21.07	18.77	PASS
Band48	20MHz	QPSK	55340	1RB#49	21.00	18.70	PASS
Band48	20MHz	QPSK	55340	1RB#99	20.85	18.55	PASS
Band48	20MHz	QPSK	55340	100RB#0	20.30	18.00	PASS
Band48	20MHz	QPSK	55990	1RB#0	21.05	18.75	PASS
Band48	20MHz	QPSK	55990	1RB#49	20.87	18.57	PASS



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Band48	20MHz	QPSK	55990	1RB#99	20.77	18.47	PASS
Band48	20MHz	QPSK	55990	100RB#0	19.90	17.60	PASS
Band48	20MHz	QPSK	56640	1RB#0	20.70	18.40	PASS
Band48	20MHz	QPSK	56640	1RB#49	20.42	18.12	PASS
Band48	20MHz	QPSK	56640	1RB#99	20.21	17.91	PASS
Band48	20MHz	QPSK	56640	100RB#0	19.46	17.16	PASS
Band48	20MHz	16QAM	55340	1RB#0	20.38	18.08	PASS
Band48	20MHz	16QAM	55340	1RB#49	20.49	18.19	PASS
Band48	20MHz	16QAM	55340	1RB#99	20.47	18.17	PASS
Band48	20MHz	16QAM	55340	100RB#0	19.23	16.93	PASS
Band48	20MHz	16QAM	55990	1RB#0	20.60	18.30	PASS
Band48	20MHz	16QAM	55990	1RB#49	19.82	17.52	PASS
Band48	20MHz	16QAM	55990	1RB#99	19.95	17.65	PASS
Band48	20MHz	16QAM	55990	100RB#0	19.05	16.75	PASS
Band48	20MHz	16QAM	56640	1RB#0	19.61	17.31	PASS
Band48	20MHz	16QAM	56640	1RB#49	19.67	17.37	PASS
Band48	20MHz	16QAM	56640	1RB#99	19.55	17.25	PASS
Band48	20MHz	16QAM	56640	100RB#0	18.44	16.14	PASS
Band48	20MHz	64QAM	55340	1RB#0	18.98	16.68	PASS
Band48	20MHz	64QAM	55340	1RB#49	19.04	16.74	PASS
Band48	20MHz	64QAM	55340	1RB#99	18.88	16.58	PASS
Band48	20MHz	64QAM	55340	100RB#0	18.33	16.03	PASS
Band48	20MHz	64QAM	55990	1RB#0	18.71	16.41	PASS
Band48	20MHz	64QAM	55990	1RB#49	18.51	16.21	PASS
Band48	20MHz	64QAM	55990	1RB#99	18.61	16.31	PASS
Band48	20MHz	64QAM	55990	100RB#0	17.84	15.54	PASS
Band48	20MHz	64QAM	56640	1RB#0	18.06	15.76	PASS
Band48	20MHz	64QAM	56640	1RB#49	18.23	15.93	PASS
Band48	20MHz	64QAM	56640	1RB#99	18.20	15.90	PASS
Band48	20MHz	64QAM	56640	100RB#0	17.59	15.29	PASS
Band48	20MHz	256QAM	55340	1RB#0	15.95	13.65	PASS
Band48	20MHz	256QAM	55340	1RB#49	15.92	13.62	PASS
Band48	20MHz	256QAM	55340	1RB#99	16.04	13.74	PASS
Band48	20MHz	256QAM	55340	100RB#0	15.25	12.95	PASS
Band48	20MHz	256QAM	55990	1RB#0	15.52	13.22	PASS
Band48	20MHz	256QAM	55990	1RB#49	15.90	13.60	PASS
Band48	20MHz	256QAM	55990	1RB#99	15.81	13.51	PASS
Band48	20MHz	256QAM	55990	100RB#0	15.03	12.73	PASS



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Band48	20MHz	256QAM	56640	1RB#0	15.11	12.81	PASS
Band48	20MHz	256QAM	56640	1RB#49	15.38	13.08	PASS
Band48	20MHz	256QAM	56640	1RB#99	15.13	12.83	PASS
Band48	20MHz	256QAM	56640	100RB#0	15.68	13.38	PASS



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## Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band48	20MHz	QPSK	55340	100RB#0	7.25	13	PASS
Band48	20MHz	QPSK	55990	100RB#0	7.25	13	PASS
Band48	20MHz	QPSK	56640	100RB#0	7.13	13	PASS
Band48	20MHz	16QAM	55340	100RB#0	7.77	13	PASS
Band48	20MHz	16QAM	55990	100RB#0	7.68	13	PASS
Band48	20MHz	16QAM	56640	100RB#0	7.57	13	PASS
Band48	20MHz	64QAM	55340	100RB#0	8.09	13	PASS
Band48	20MHz	64QAM	55990	100RB#0	7.91	13	PASS
Band48	20MHz	64QAM	56640	100RB#0	7.83	13	PASS
Band48	20MHz	256QAM	55340	100RB#0	8.29	13	PASS
Band48	20MHz	256QAM	55990	100RB#0	8.26	13	PASS
Band48	20MHz	256QAM	56640	100RB#0	8.06	13	PASS

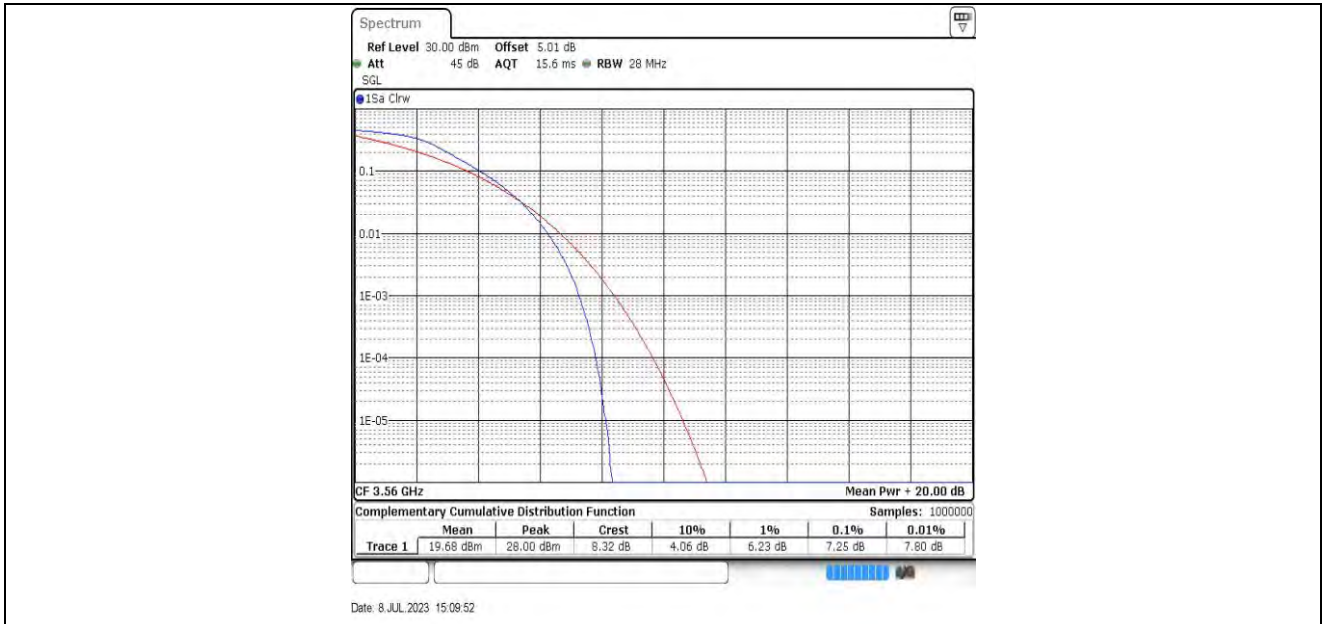


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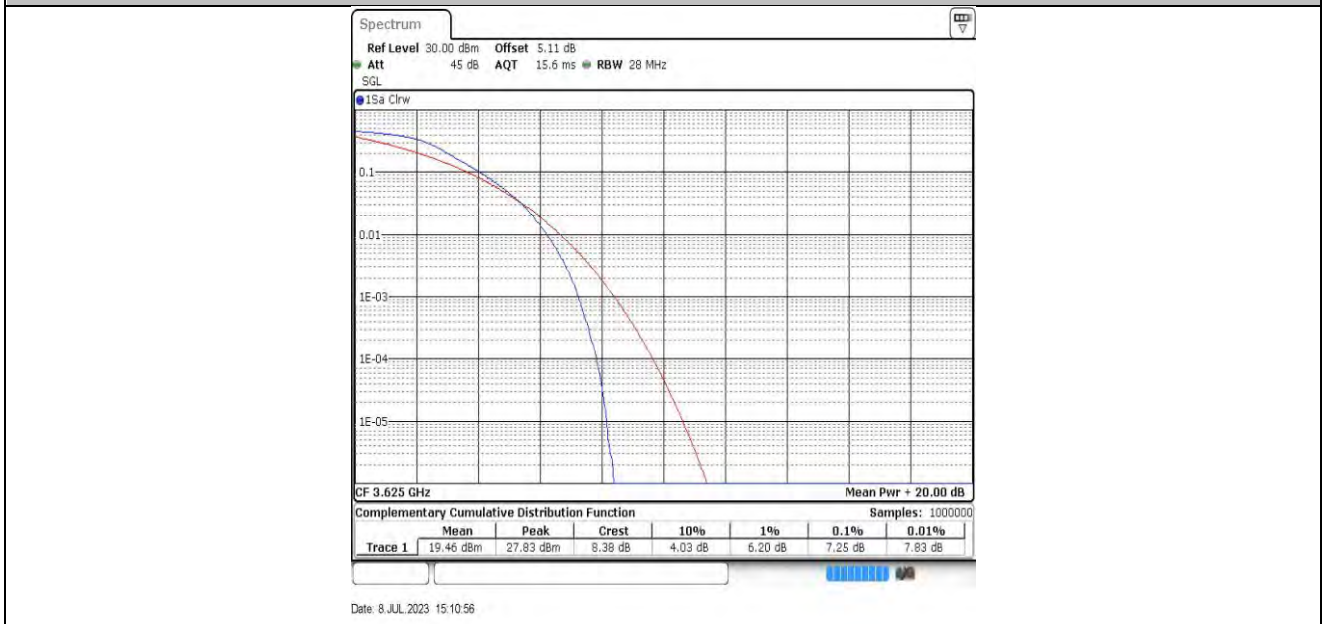
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**Test Graphs**



20MHz-55340 QPSK

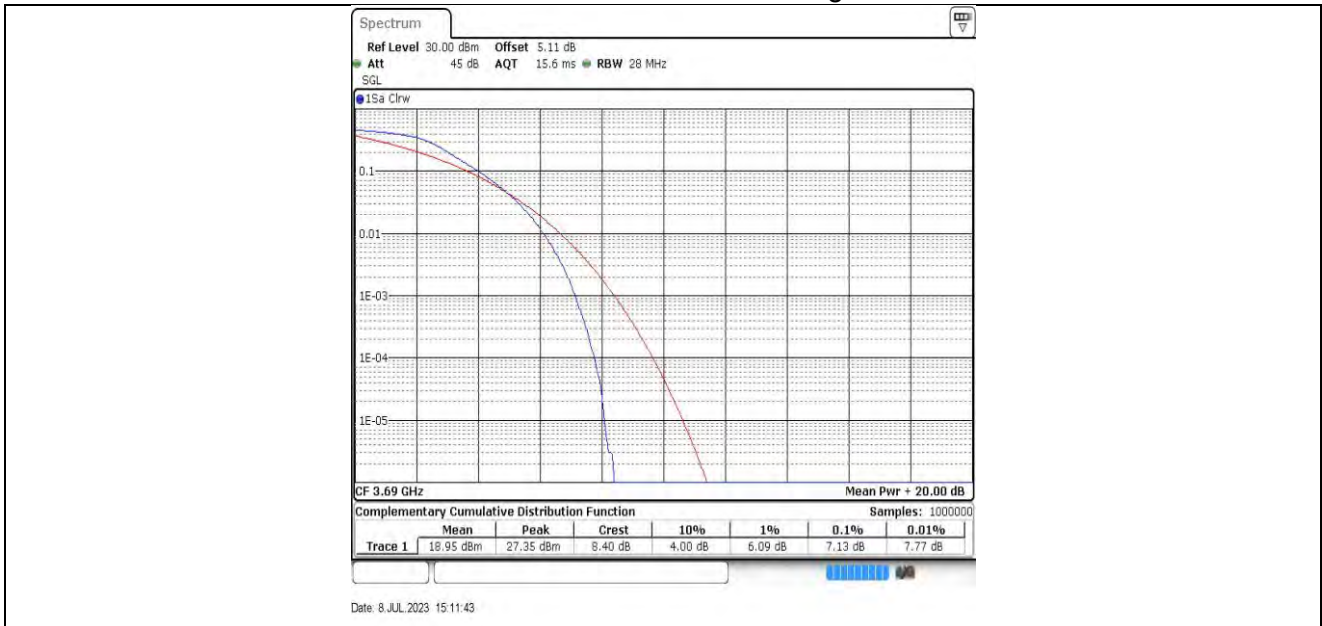


20MHz-55990 QPSK

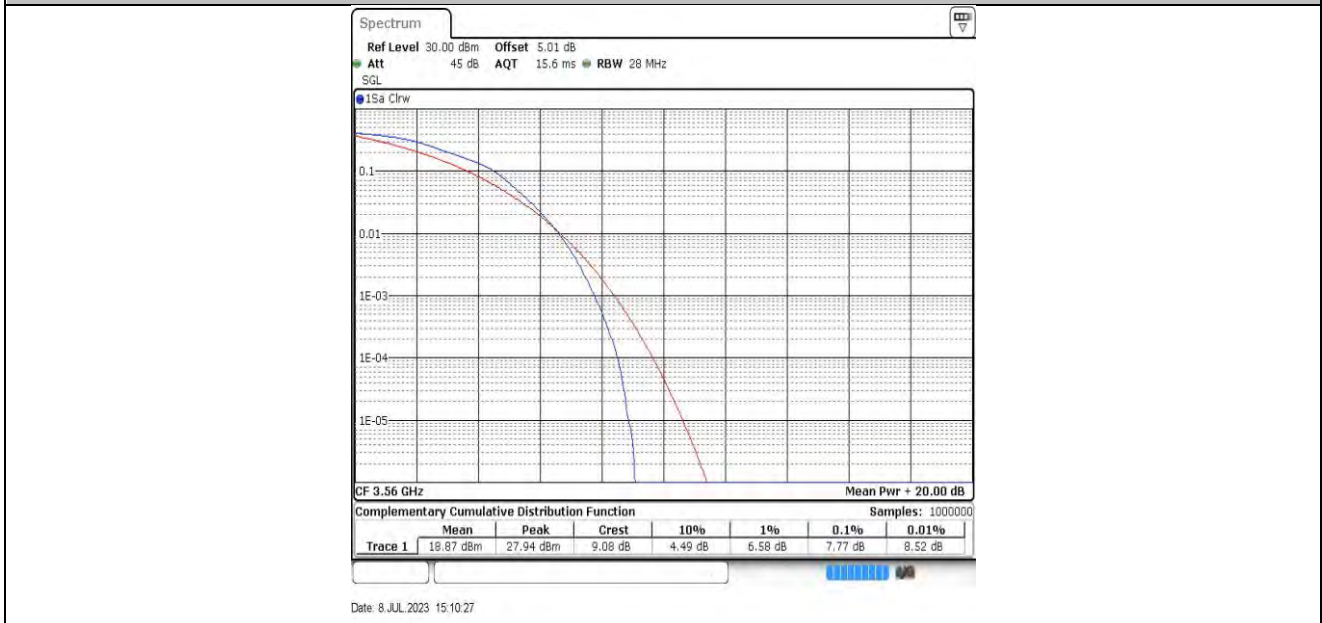


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### 20MHz-56640 QPSK



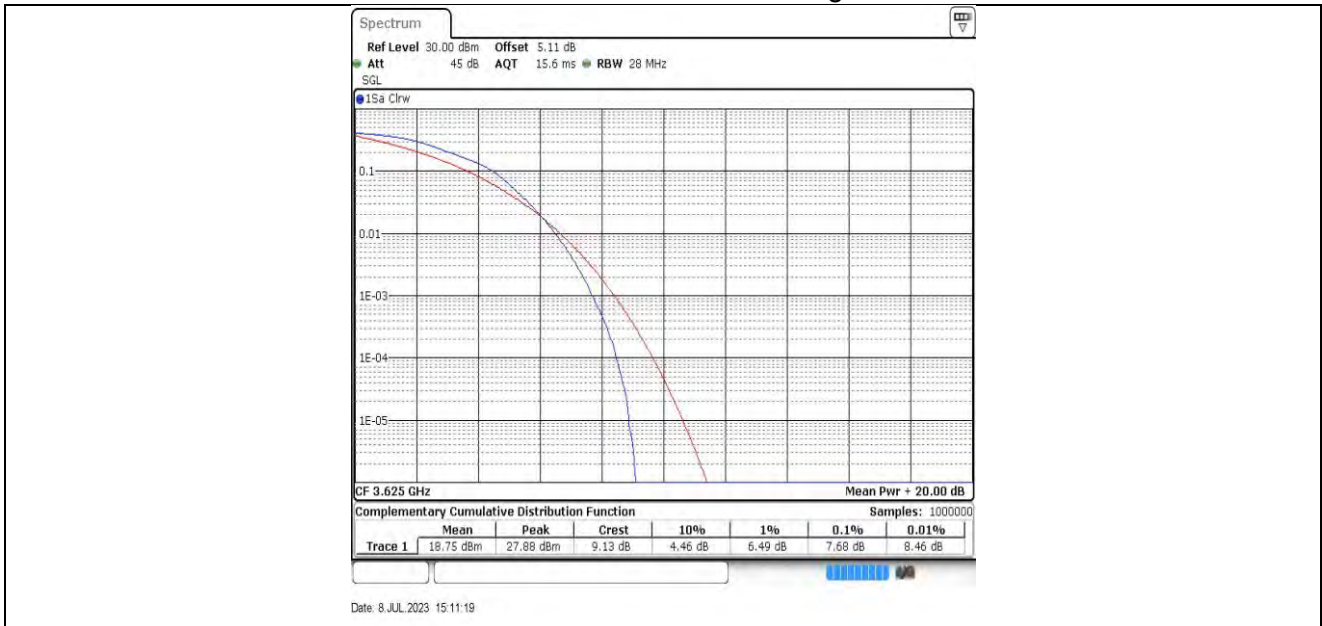
### 20MHz-55340 16QAM



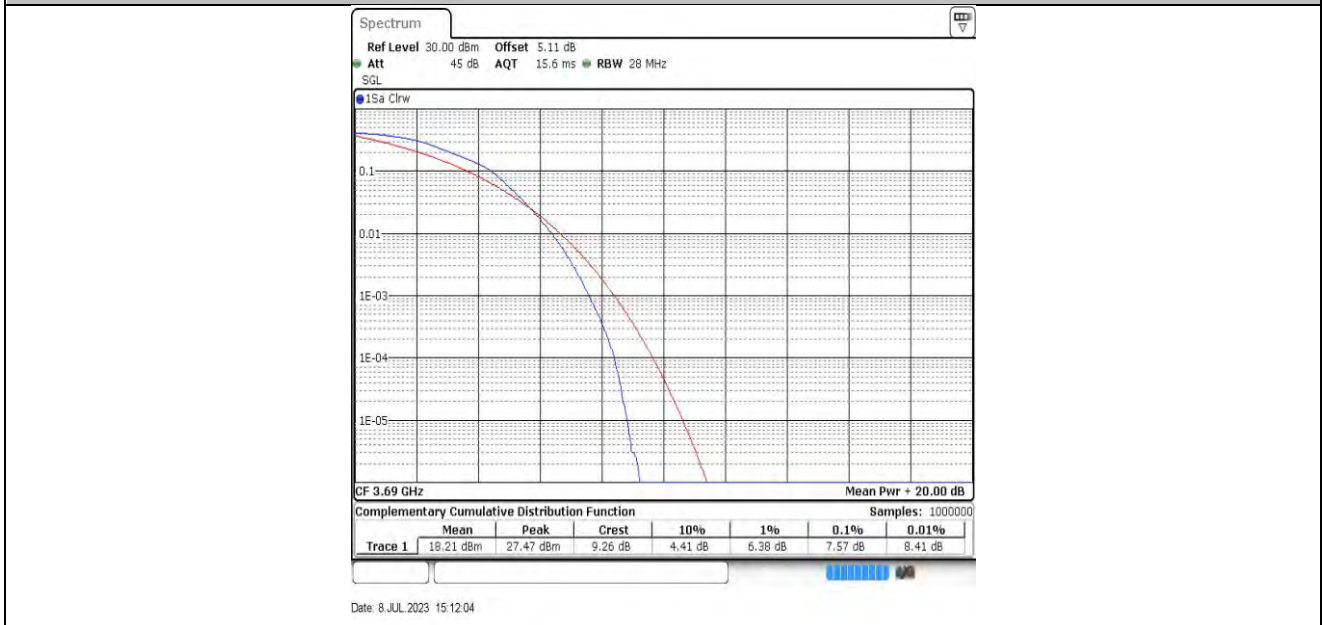
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20MHz-55990 16QAM



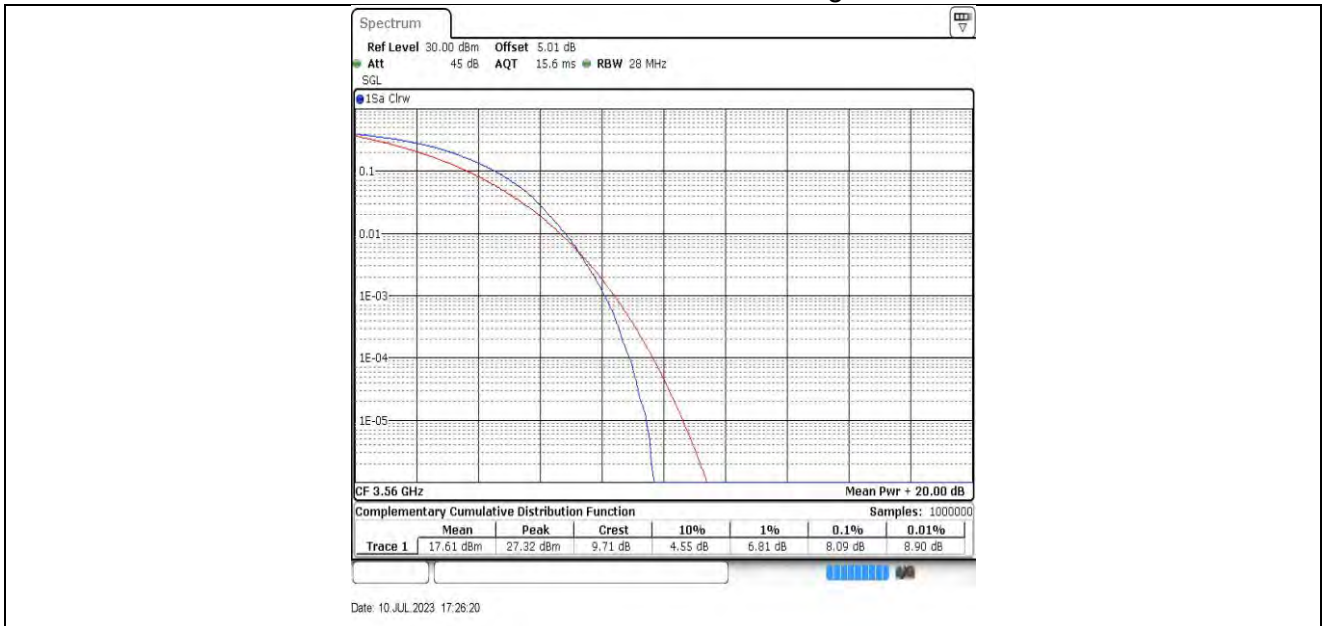
20MHz-56640 16QAM



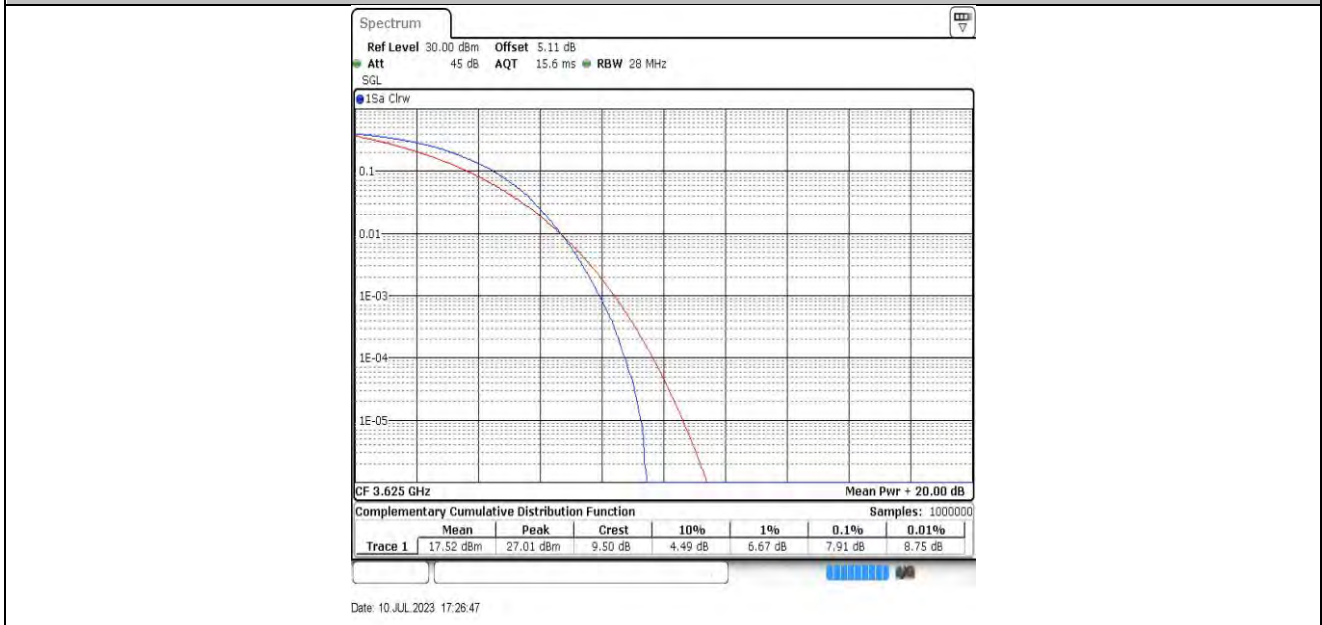
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20MHz-55340 64QAM



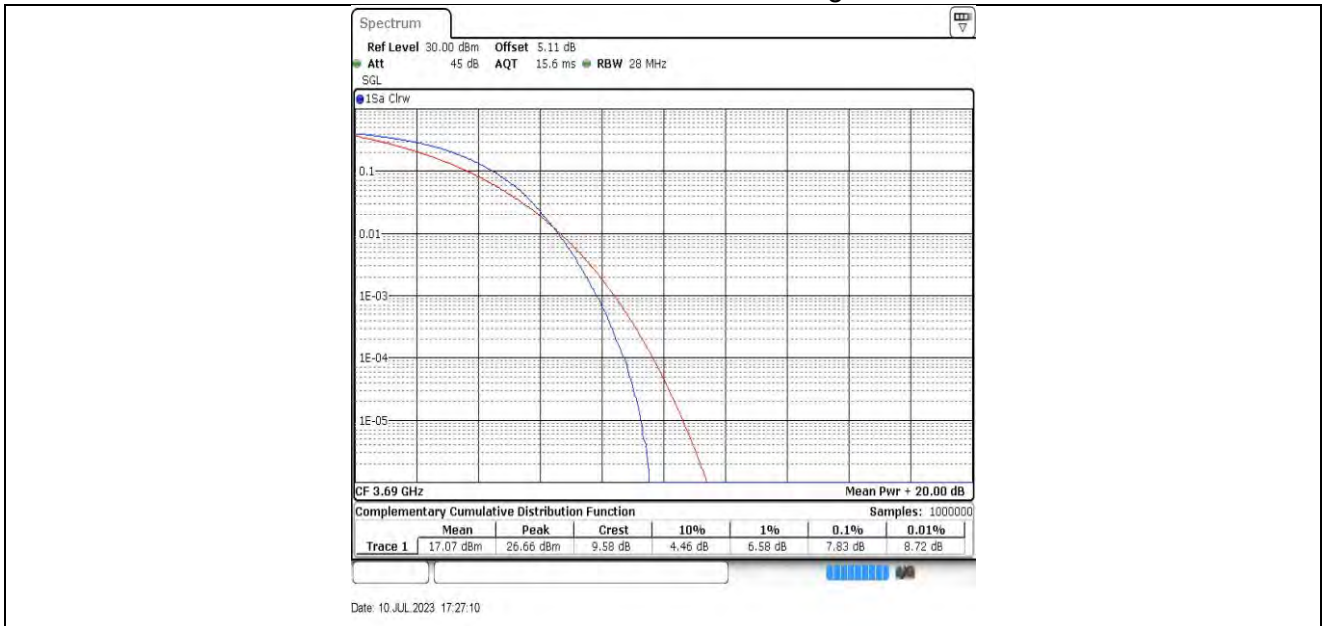
20MHz-55990 64QAM



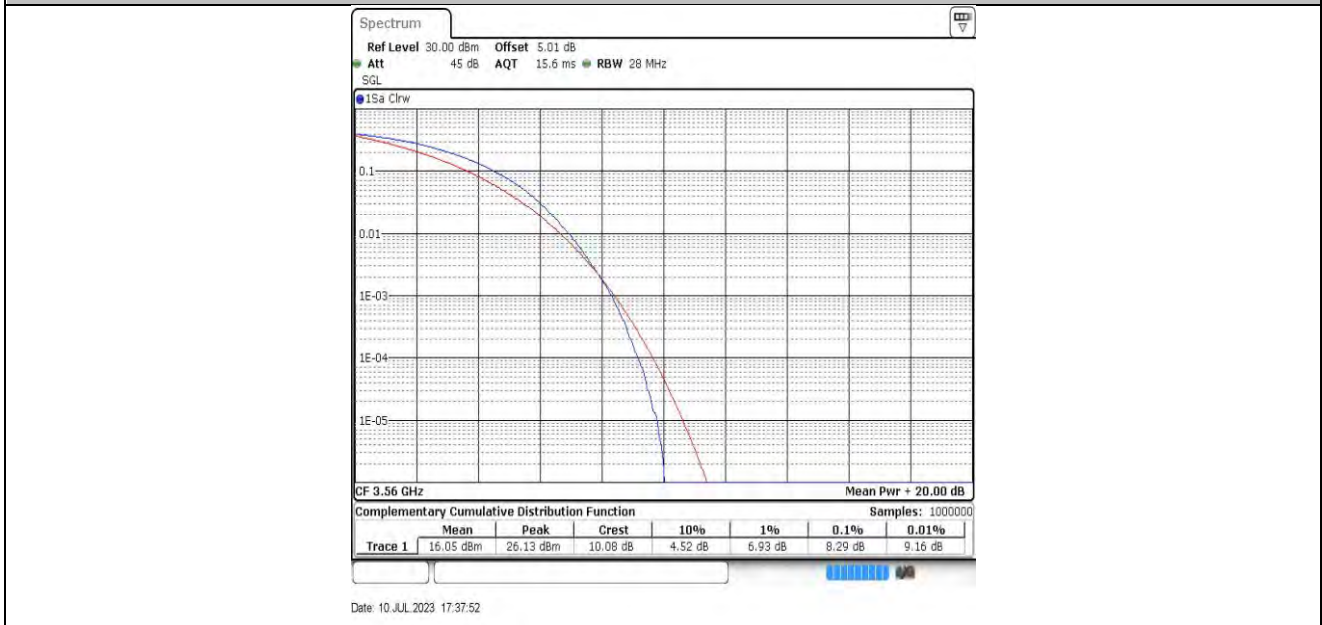
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20MHz-56640 64QAM



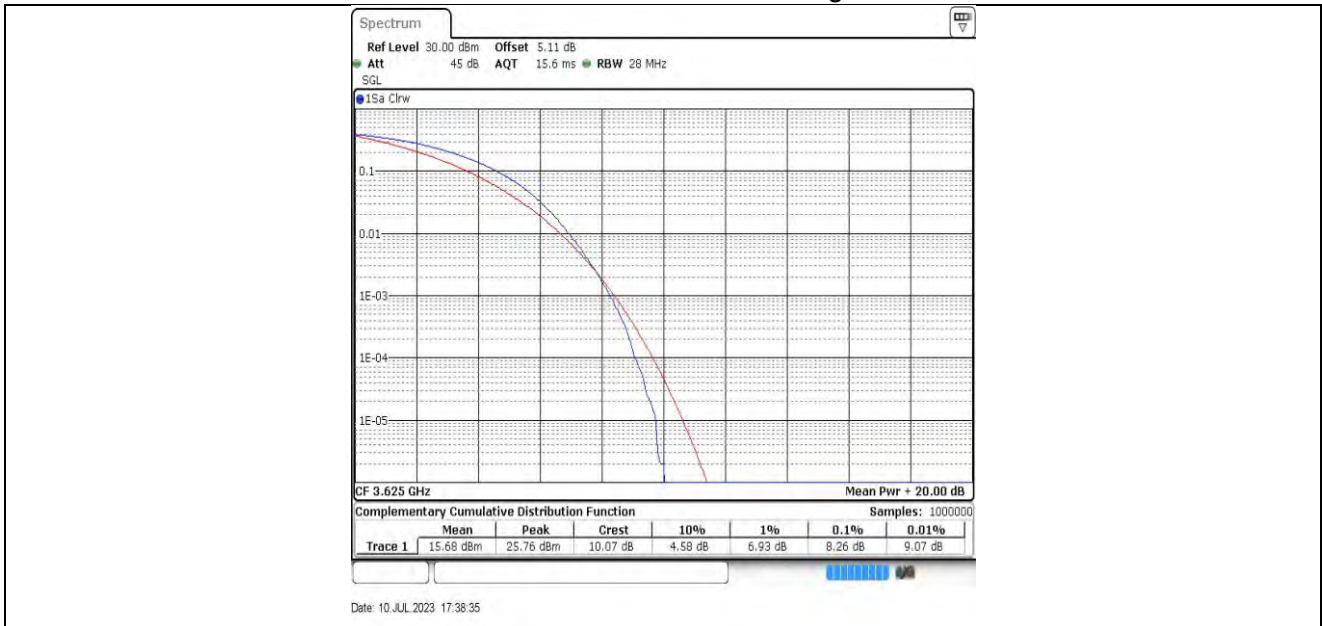
20MHz-55340 256QAM



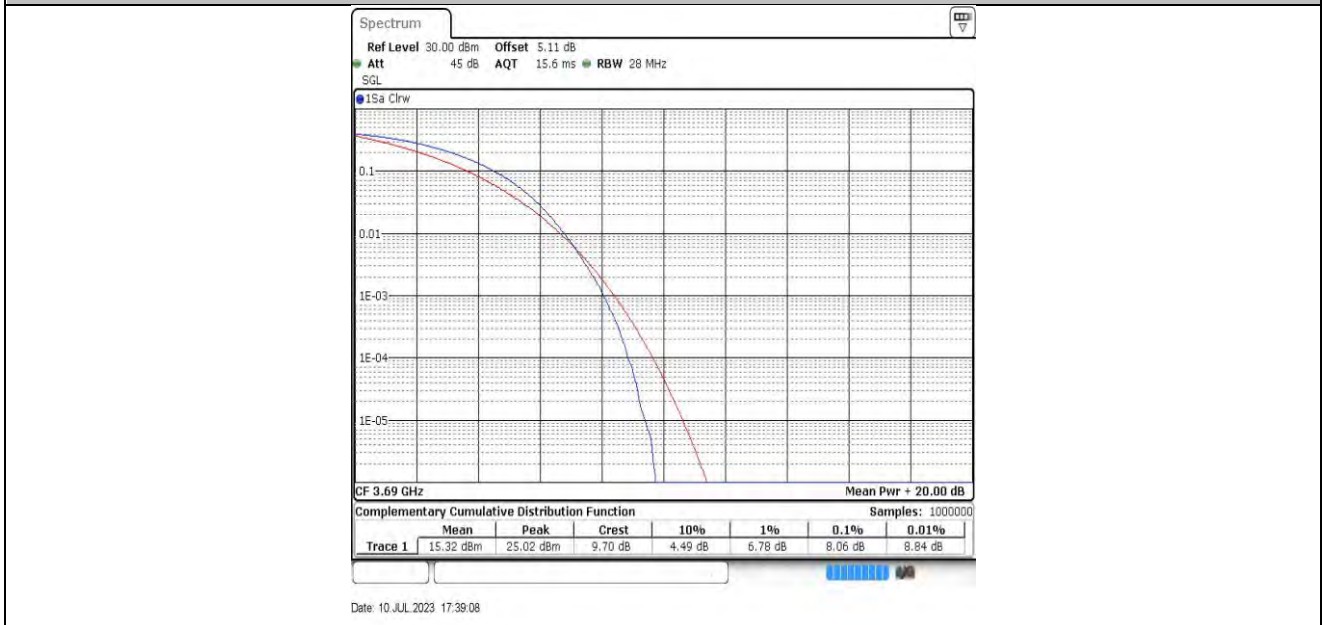
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20MHz-55990 256QAM



20MHz-56640 256QAM



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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	4.496	4.99	PASS
Band48	5MHz	QPSK	55990	25RB#0	4.496	4.99	PASS
Band48	5MHz	QPSK	56715	25RB#0	4.496	4.98	PASS
Band48	5MHz	16QAM	55265	25RB#0	4.505	5.23	PASS
Band48	5MHz	16QAM	55990	25RB#0	4.505	5.26	PASS
Band48	5MHz	16QAM	56715	25RB#0	4.496	5.32	PASS
Band48	5MHz	64QAM	55265	25RB#0	4.496	4.95	PASS
Band48	5MHz	64QAM	55990	25RB#0	4.496	4.95	PASS
Band48	5MHz	64QAM	56715	25RB#0	4.496	4.96	PASS
Band48	5MHz	256QAM	55265	25RB#0	4.505	5.20	PASS
Band48	5MHz	256QAM	55990	25RB#0	4.486	5.21	PASS
Band48	5MHz	256QAM	56715	25RB#0	4.476	4.97	PASS
Band48	10MHz	QPSK	55290	50RB#0	9.018	10.03	PASS
Band48	10MHz	QPSK	55990	50RB#0	9.018	10.07	PASS
Band48	10MHz	QPSK	56690	50RB#0	9.018	10.07	PASS
Band48	10MHz	16QAM	55290	50RB#0	8.985	9.87	PASS
Band48	10MHz	16QAM	55990	50RB#0	8.985	9.87	PASS
Band48	10MHz	16QAM	56690	50RB#0	8.985	9.93	PASS
Band48	10MHz	64QAM	55290	50RB#0	8.985	10.33	PASS
Band48	10MHz	64QAM	55990	50RB#0	8.985	10.33	PASS
Band48	10MHz	64QAM	56690	50RB#0	9.018	10.50	PASS
Band48	10MHz	256QAM	55290	50RB#0	8.985	9.93	PASS
Band48	10MHz	256QAM	55990	50RB#0	8.985	9.97	PASS
Band48	10MHz	256QAM	56690	50RB#0	8.985	9.97	PASS
Band48	15MHz	QPSK	55315	75RB#0	13.577	16.95	PASS
Band48	15MHz	QPSK	55990	75RB#0	13.577	17.20	PASS
Band48	15MHz	QPSK	56665	75RB#0	13.577	17.15	PASS
Band48	15MHz	16QAM	55315	75RB#0	13.478	14.95	PASS
Band48	15MHz	16QAM	55990	75RB#0	13.478	14.90	PASS
Band48	15MHz	16QAM	56665	75RB#0	13.527	14.85	PASS



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Band48	15MHz	64QAM	55315	75RB#0	13.478	15.25	PASS
Band48	15MHz	64QAM	55990	75RB#0	13.478	15.35	PASS
Band48	15MHz	64QAM	56665	75RB#0	13.478	15.45	PASS
Band48	15MHz	256QAM	55315	75RB#0	13.527	15.70	PASS
Band48	15MHz	256QAM	55990	75RB#0	13.527	14.80	PASS
Band48	15MHz	256QAM	56665	75RB#0	13.478	15.65	PASS
Band48	20MHz	QPSK	55340	100RB#0	18.17	21.27	PASS
Band48	20MHz	QPSK	55990	100RB#0	18.17	21.13	PASS
Band48	20MHz	QPSK	56640	100RB#0	18.17	21.13	PASS
Band48	20MHz	16QAM	55340	100RB#0	18.037	21.20	PASS
Band48	20MHz	16QAM	55990	100RB#0	18.103	21.00	PASS
Band48	20MHz	16QAM	56640	100RB#0	18.103	21.27	PASS
Band48	20MHz	64QAM	55340	100RB#0	18.037	20.40	PASS
Band48	20MHz	64QAM	55990	100RB#0	18.037	20.13	PASS
Band48	20MHz	64QAM	56640	100RB#0	18.037	20.27	PASS
Band48	20MHz	256QAM	55340	100RB#0	18.037	20.00	PASS
Band48	20MHz	256QAM	55990	100RB#0	18.037	20.07	PASS
Band48	20MHz	256QAM	56640	100RB#0	18.103	21.60	PASS

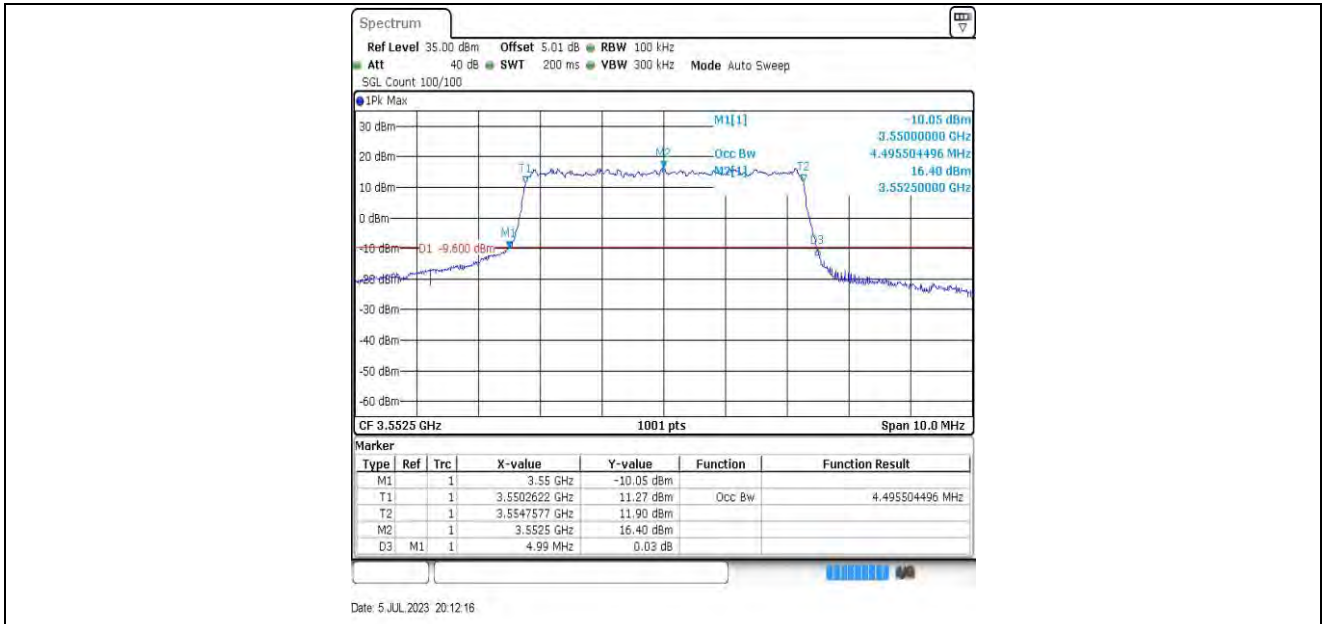


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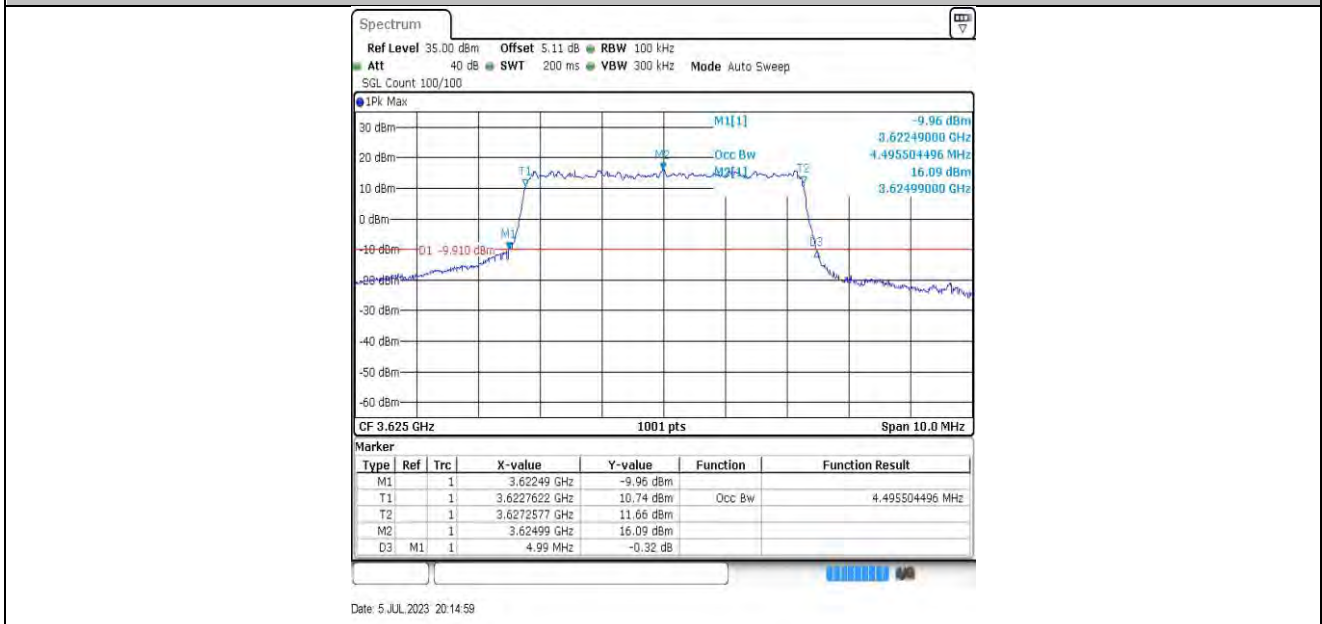
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### Test Graphs



5MHz-55265 QPSK

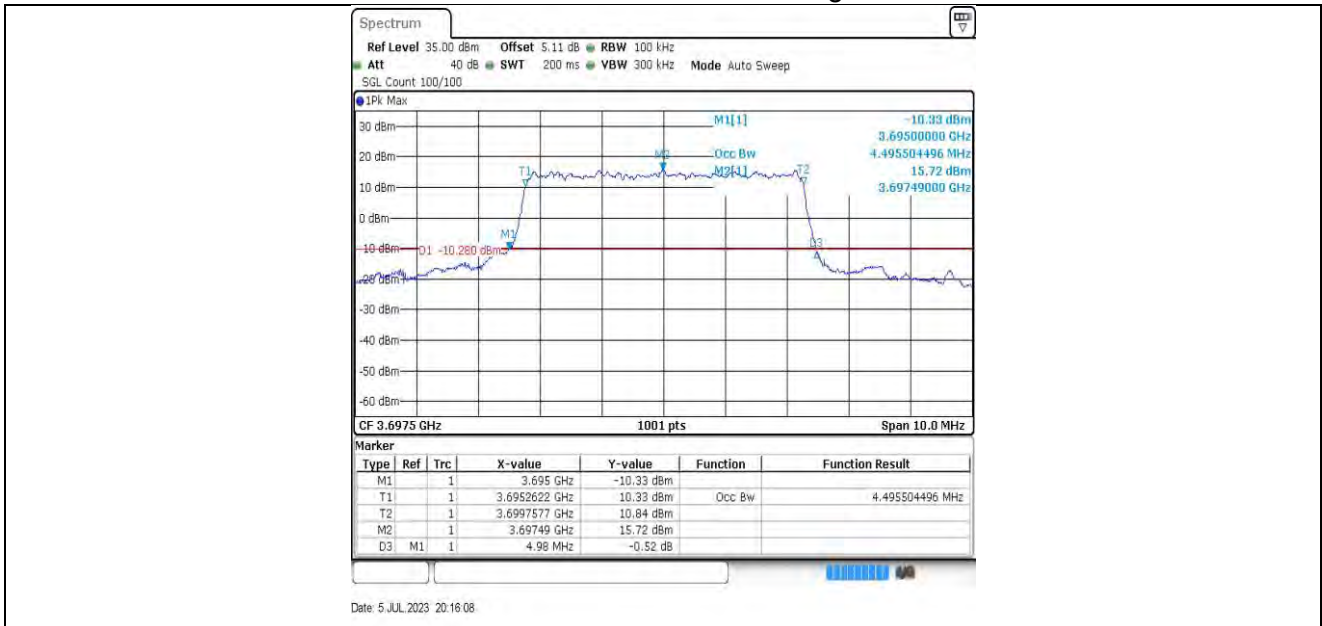


5MHz-55990 QPSK

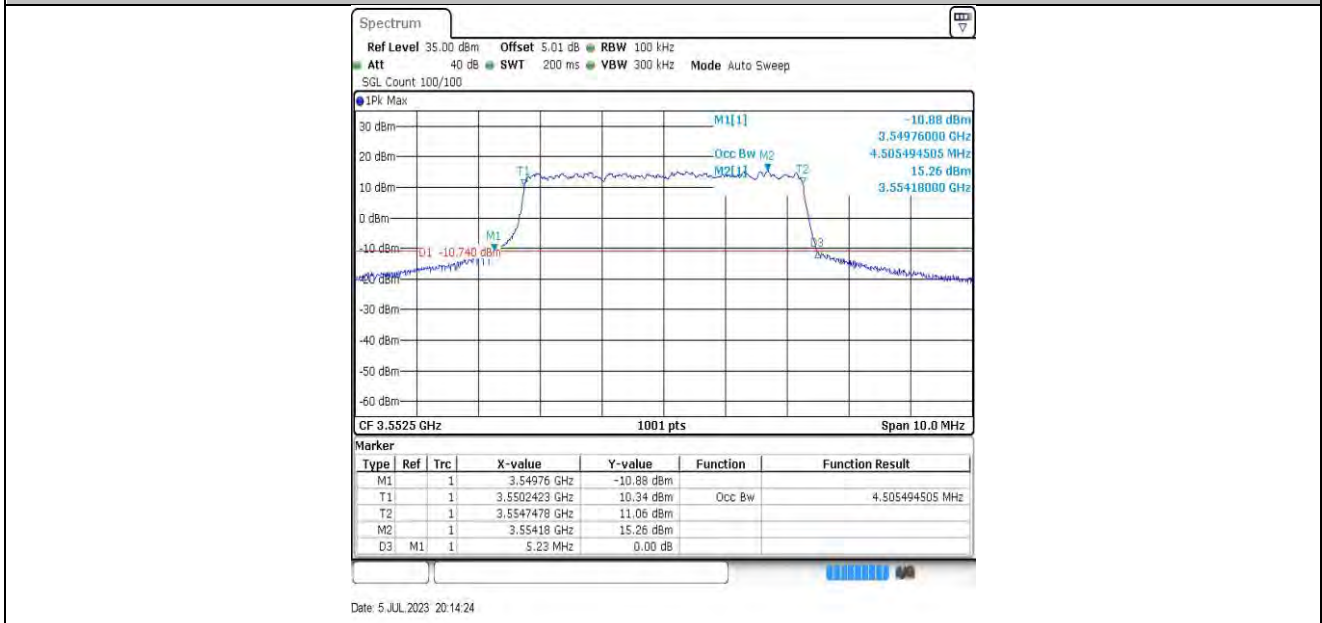


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### 5MHz-56715 QPSK



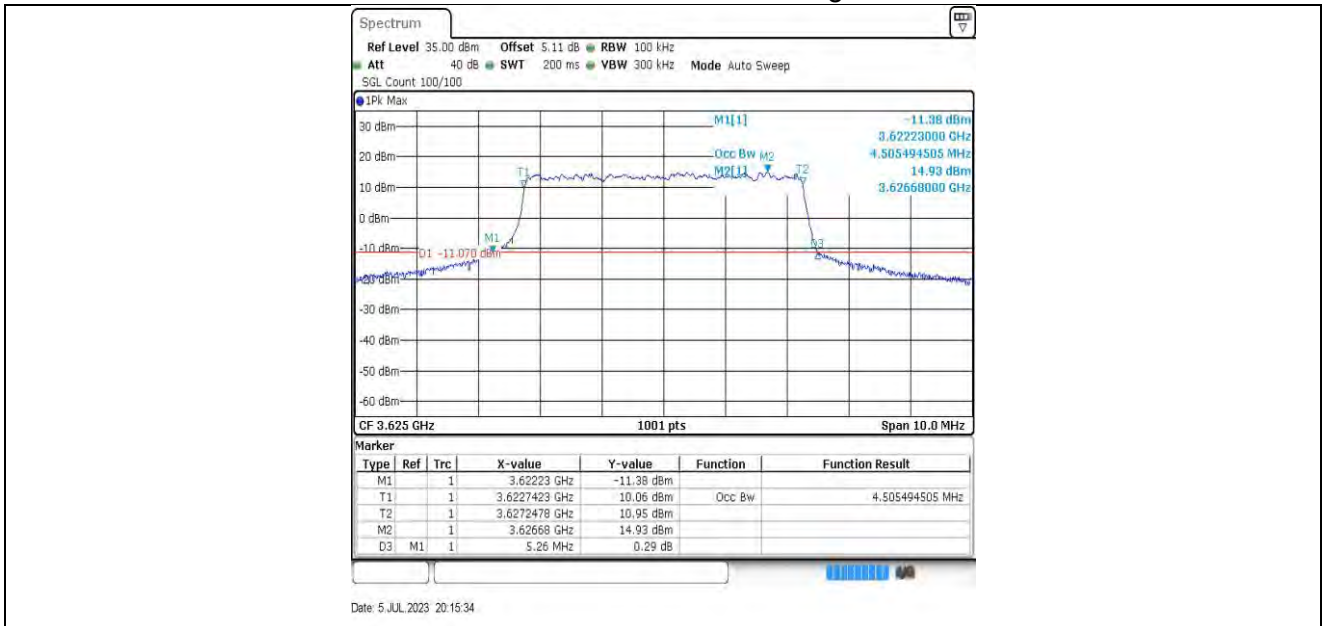
### 5MHz-55265 16QAM



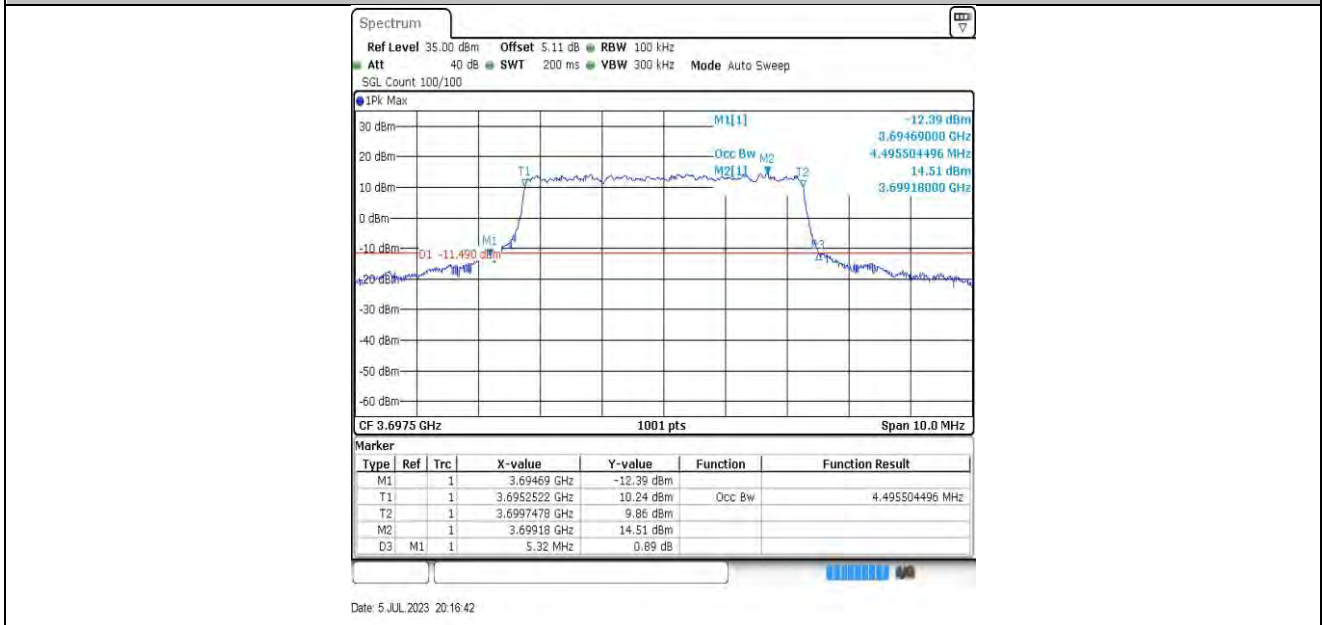
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### 5MHz-55990 16QAM

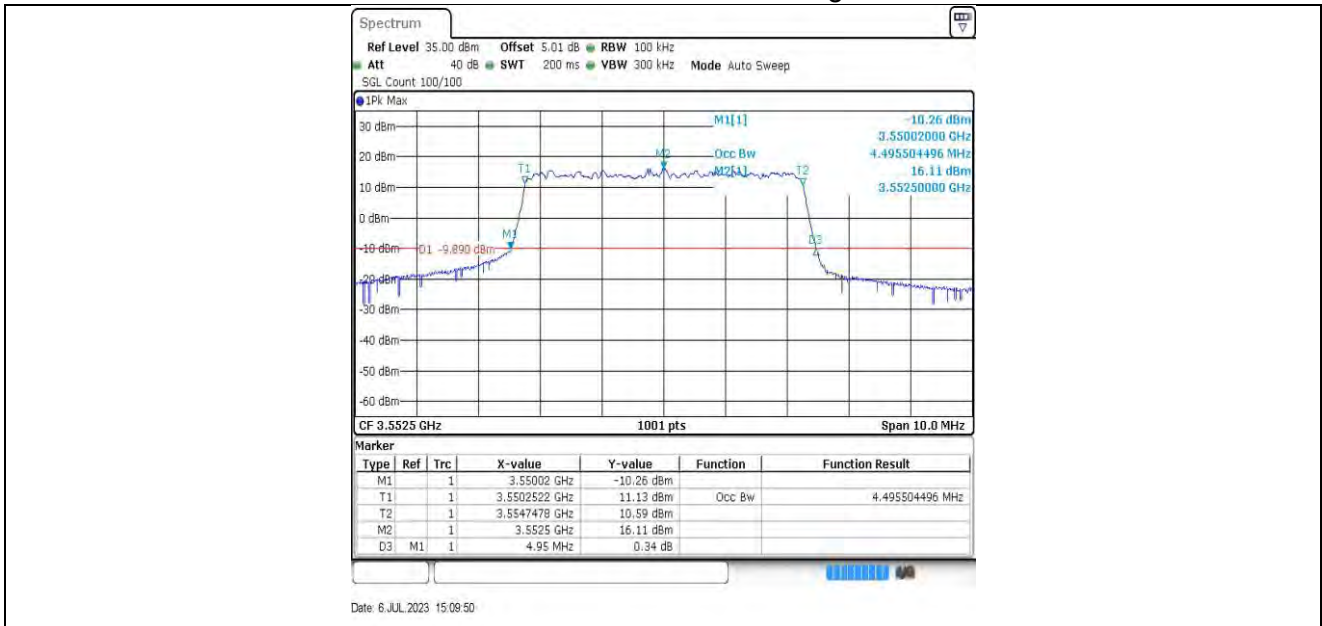


### 5MHz-56715 16QAM

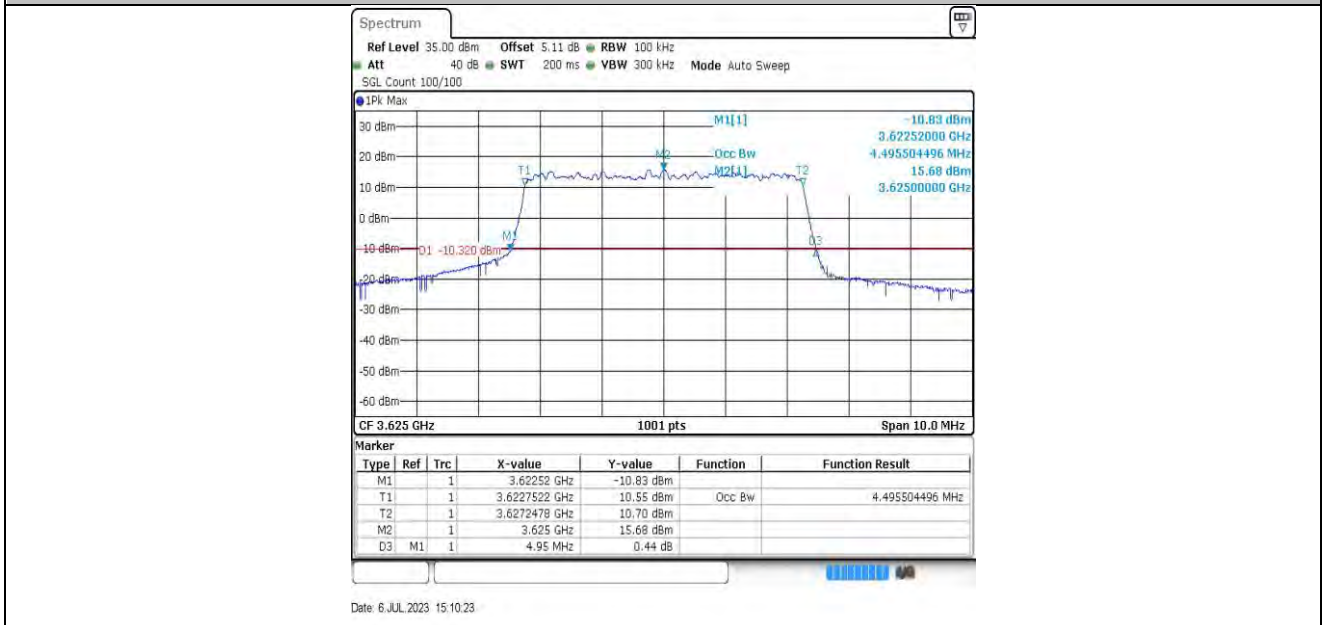


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### 5MHz-5265 64QAM



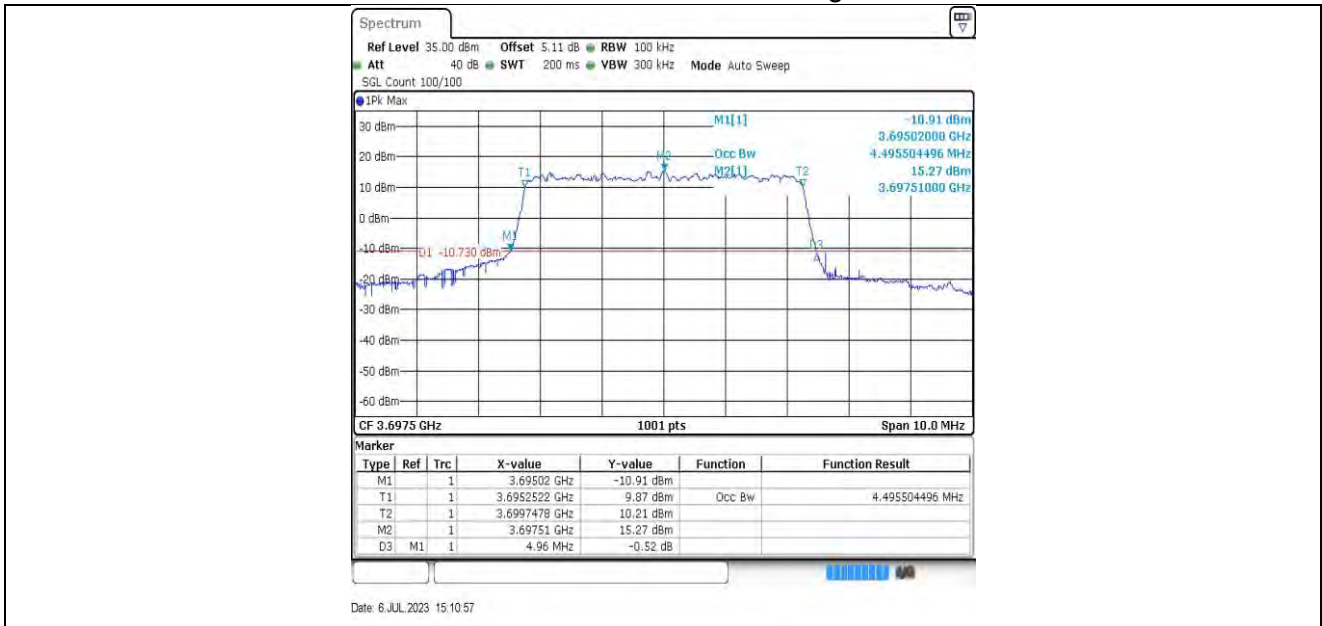
### 5MHz-55990 64QAM



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### 5MHz-56715 64QAM

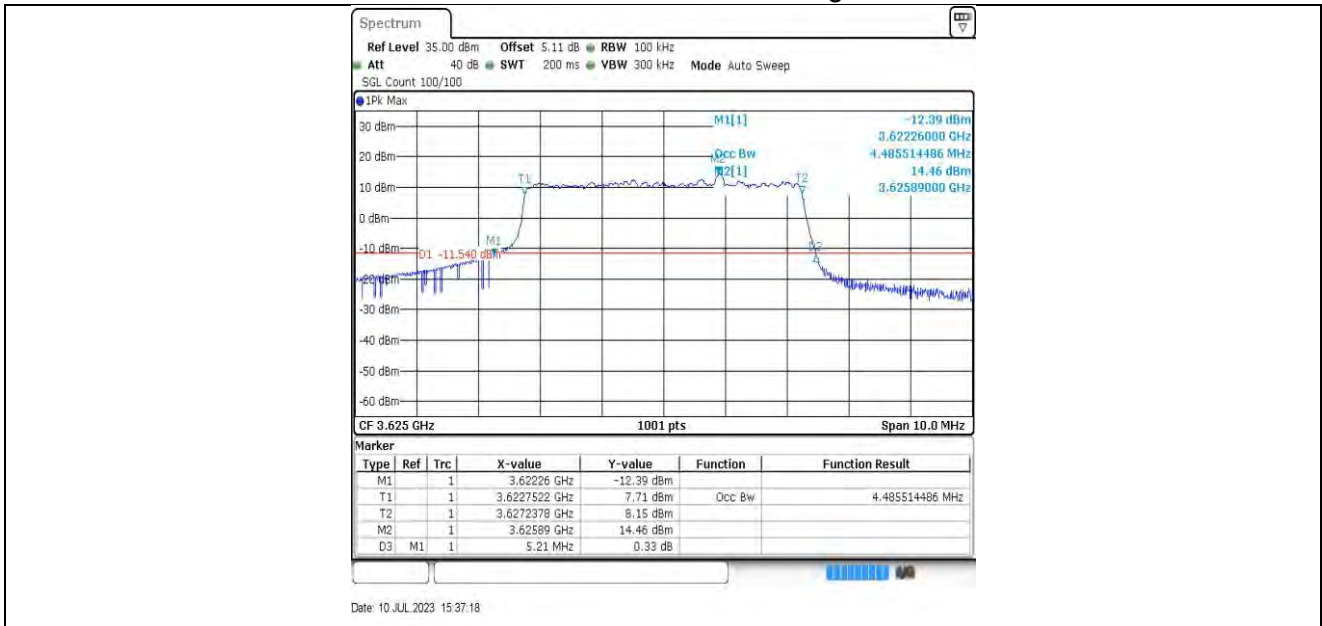


### 5MHz-55265 256QAM

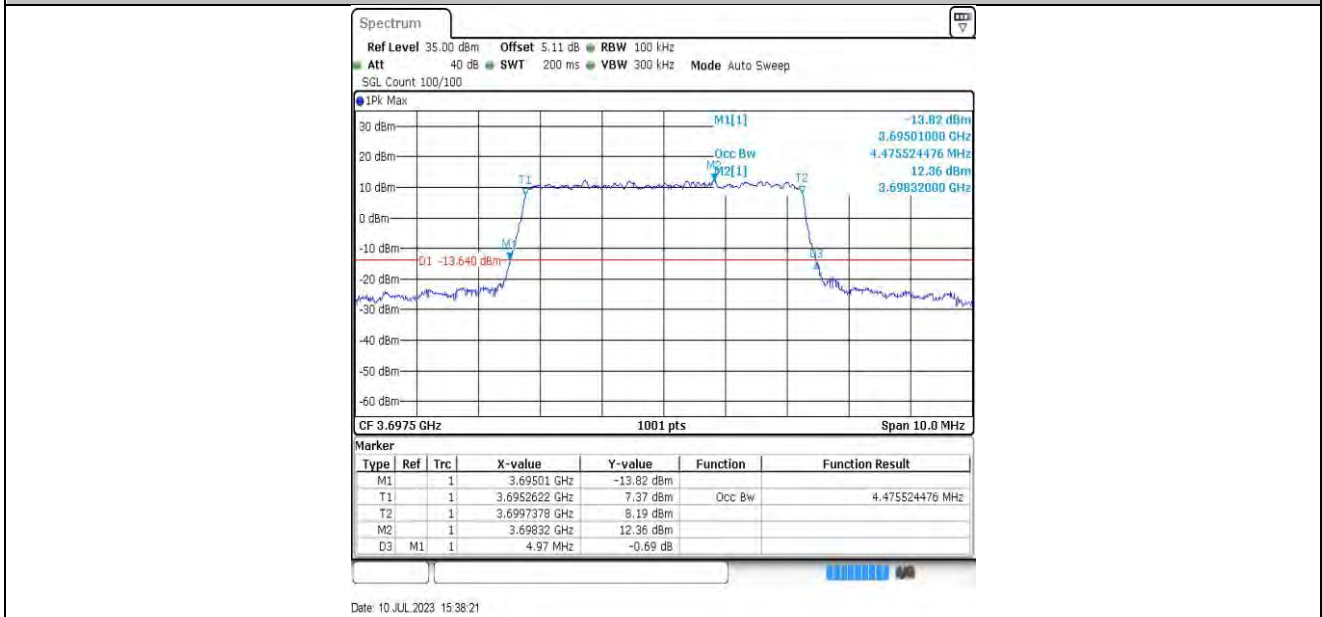


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### 5MHz-5590 256QAM



### 5MHz-56715 256QAM

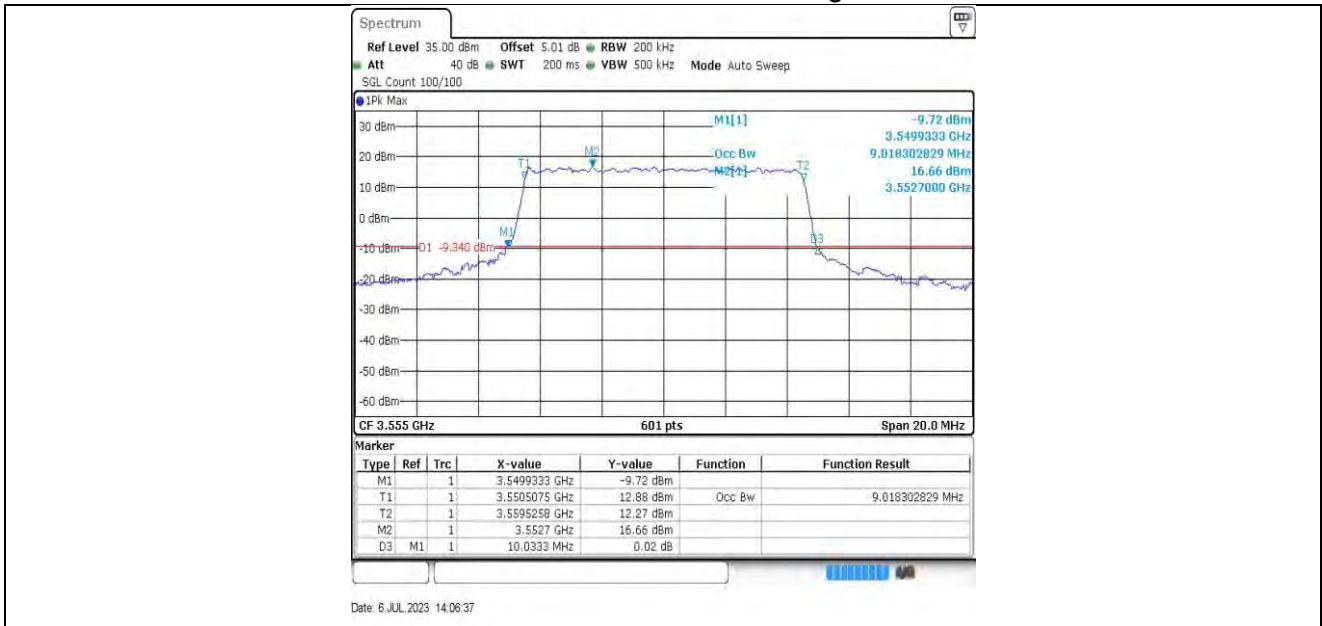


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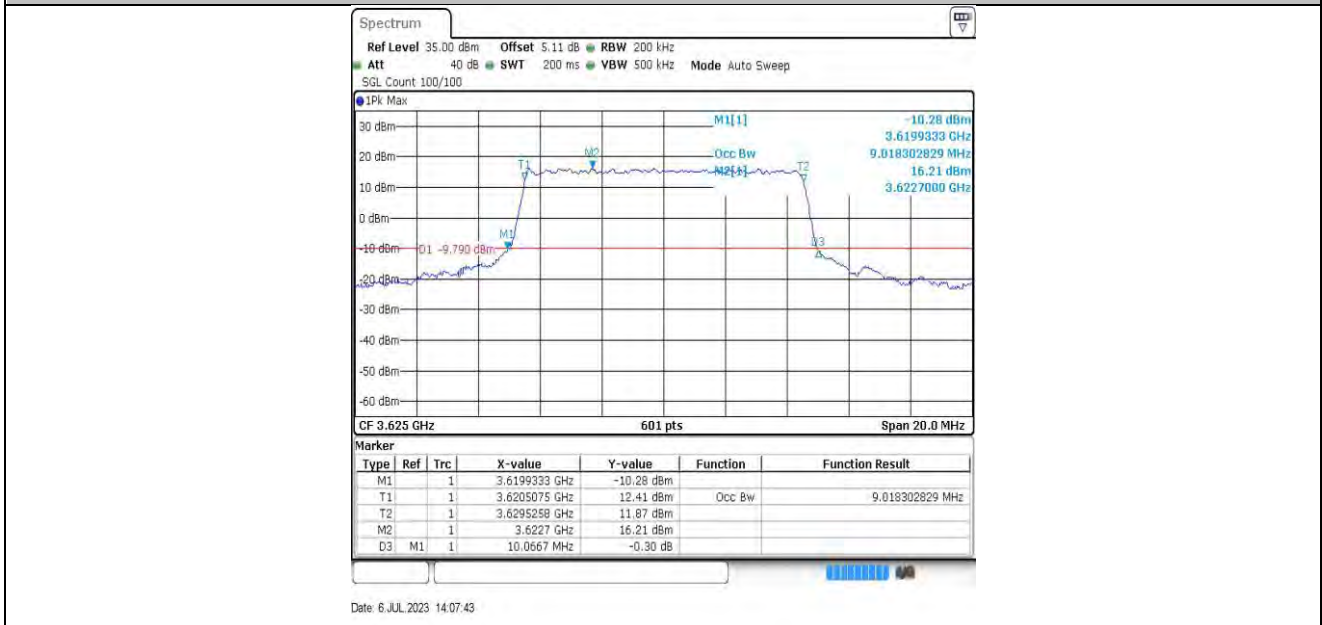
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### 10MHz-55290 QPSK



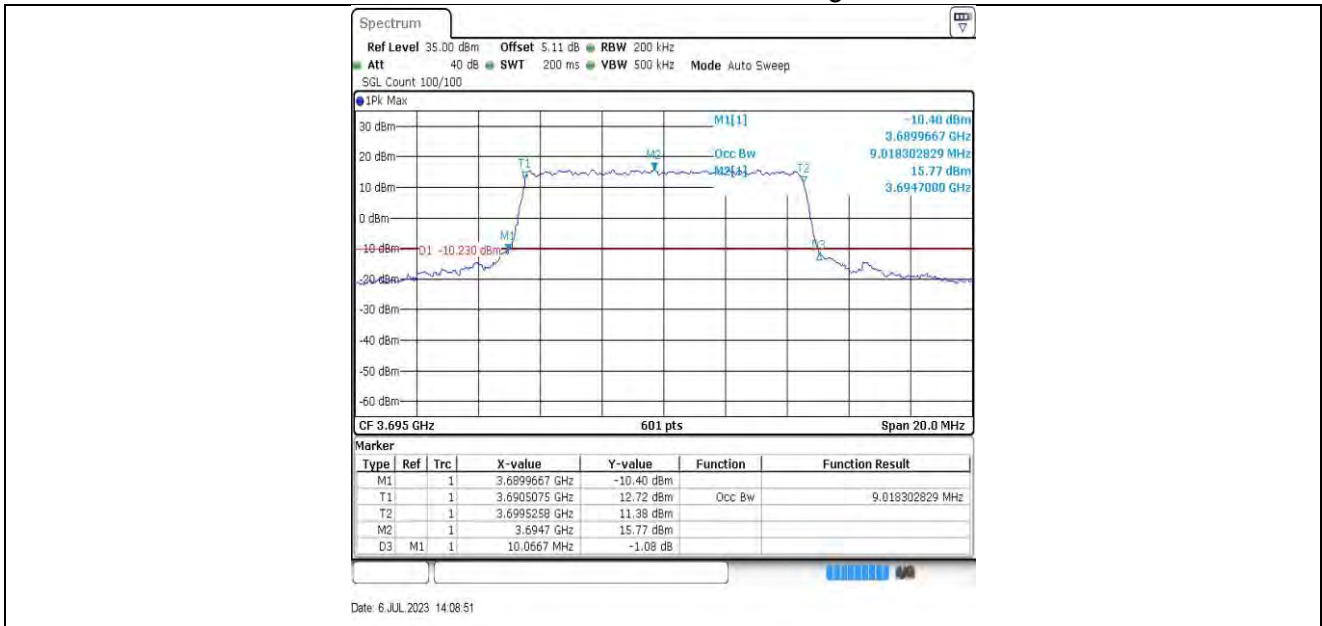
### 10MHz-55990 QPSK



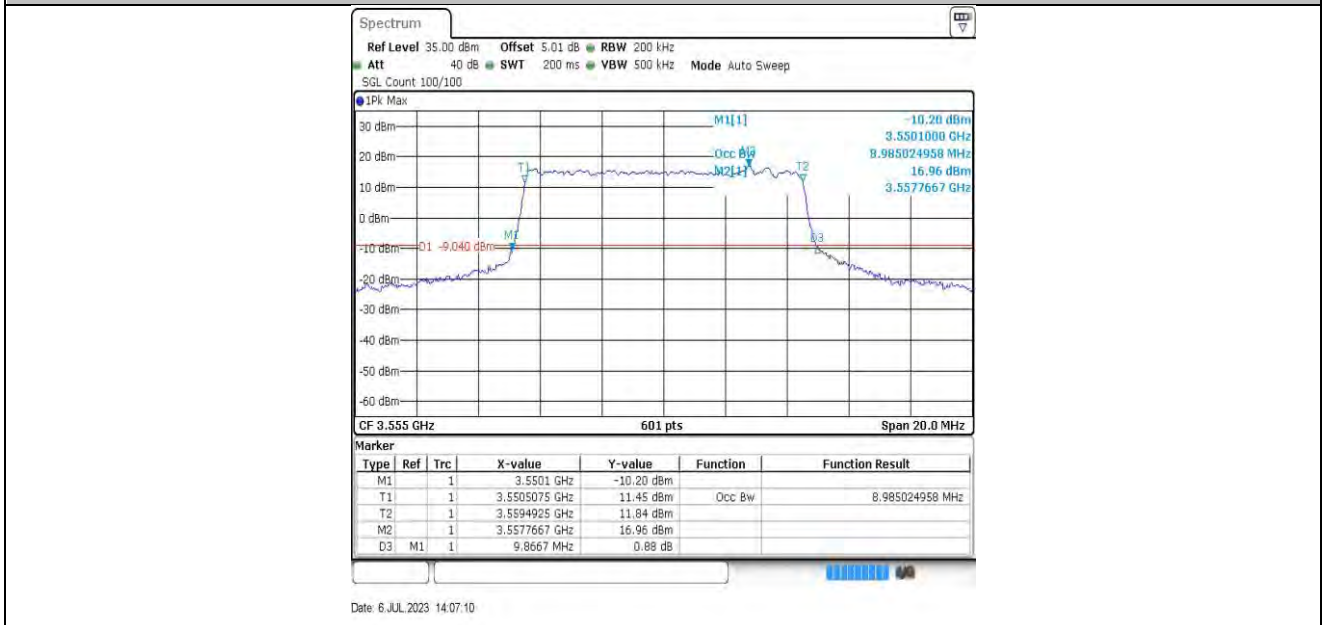
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### 10MHz-56690 QPSK



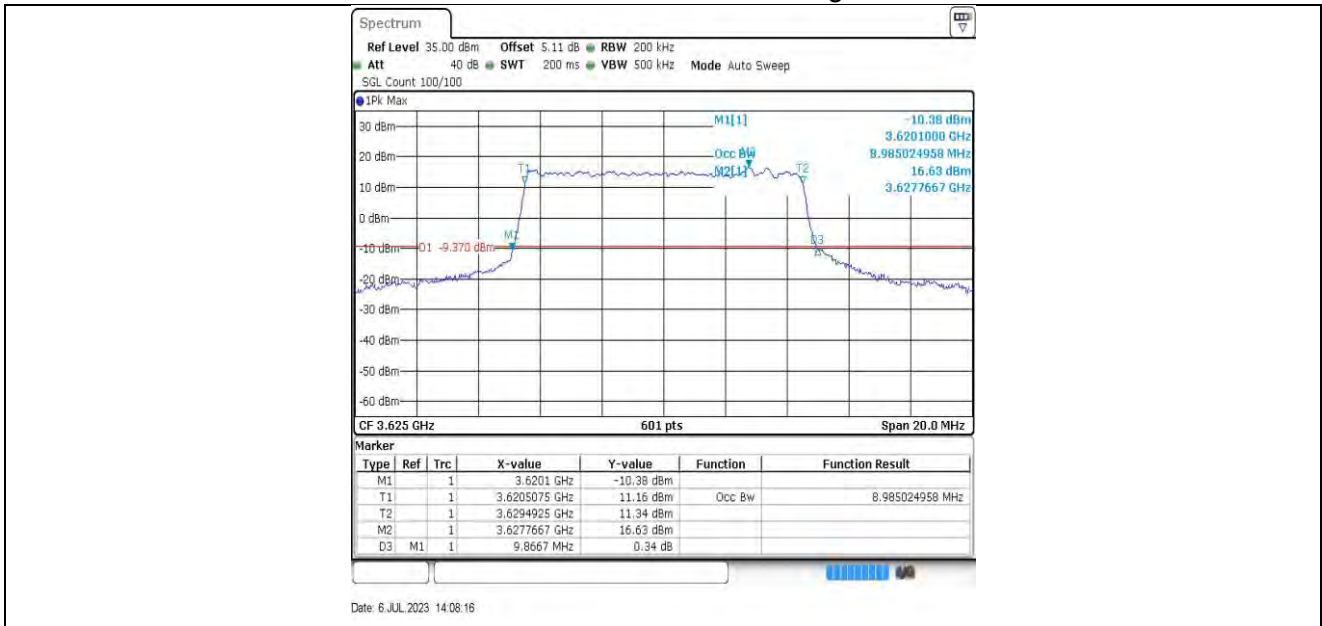
### 10MHz-55290 16QAM



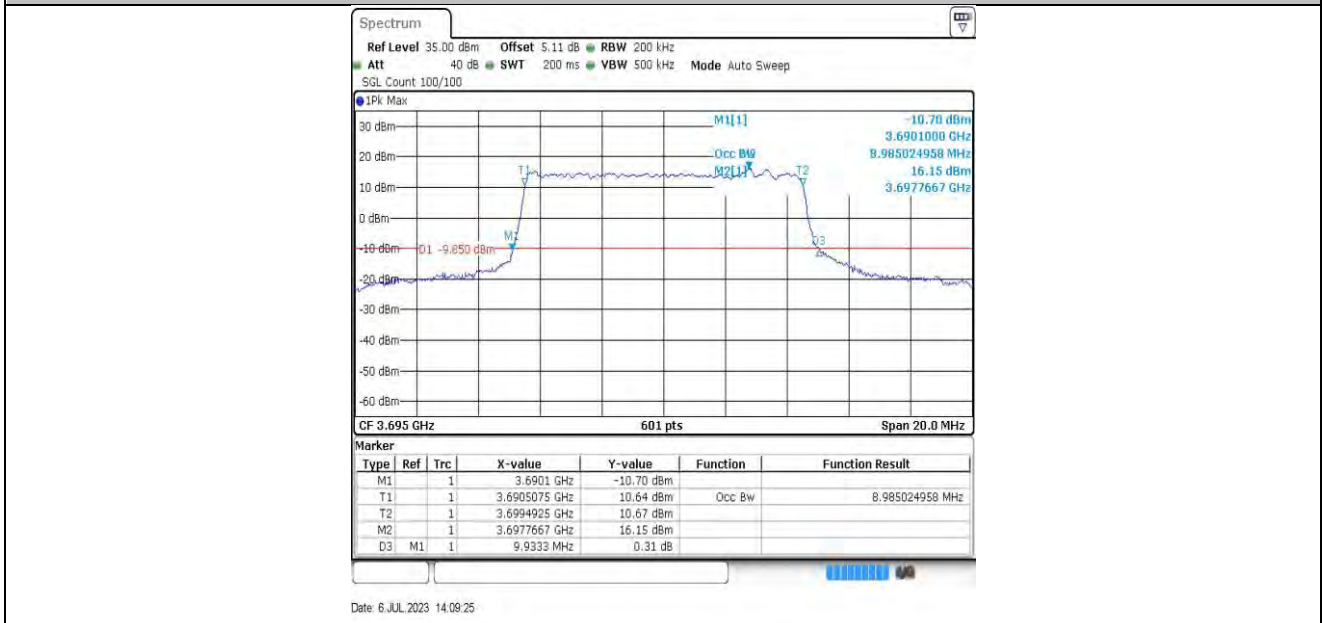
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### 10MHz-55990 16QAM

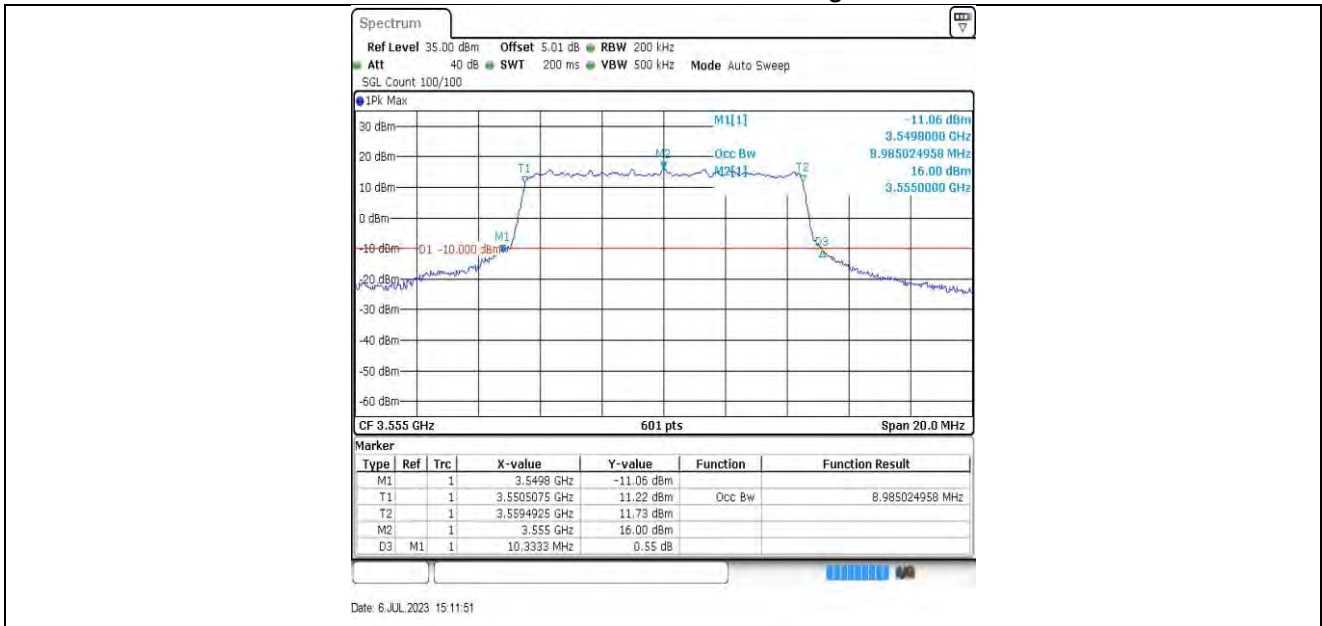


### 10MHz-56690 16QAM

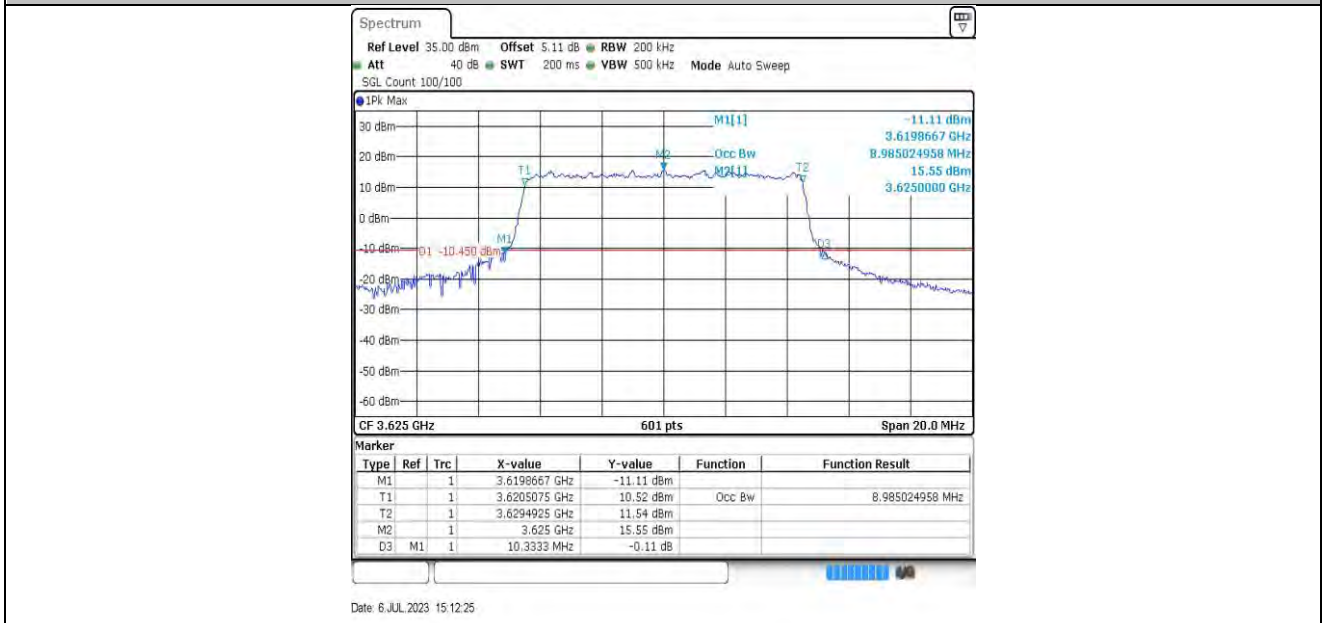


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### 10MHz-55290 64QAM



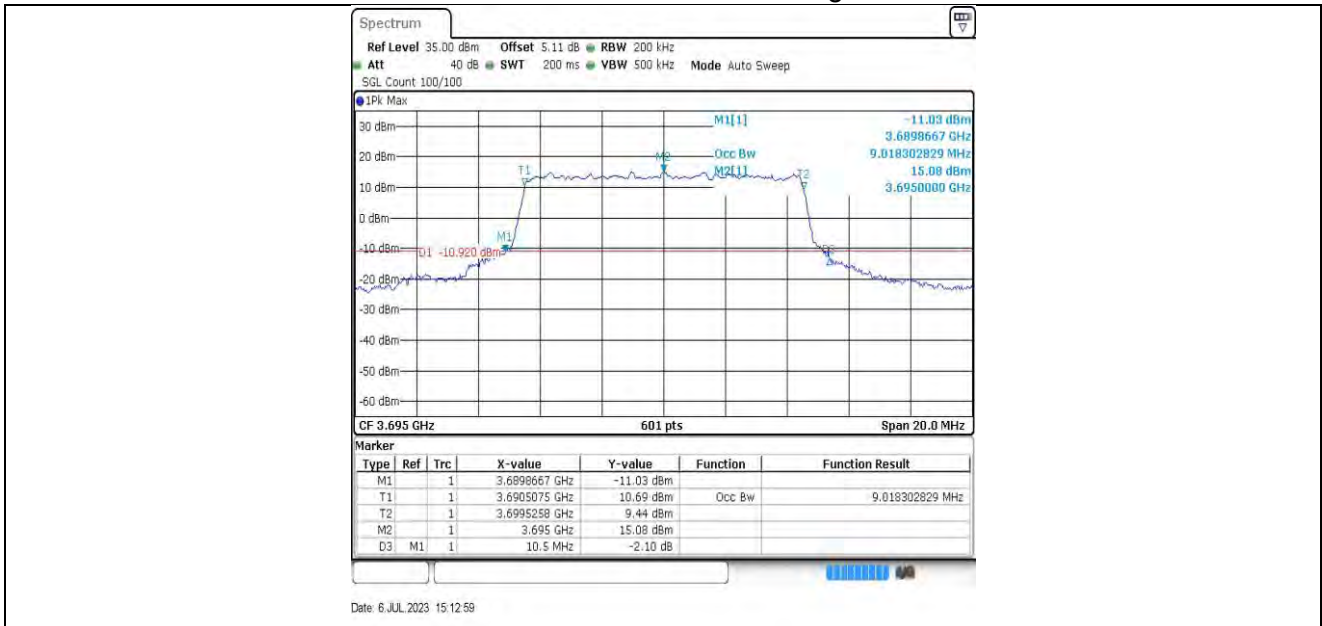
### 10MHz-55990 64QAM



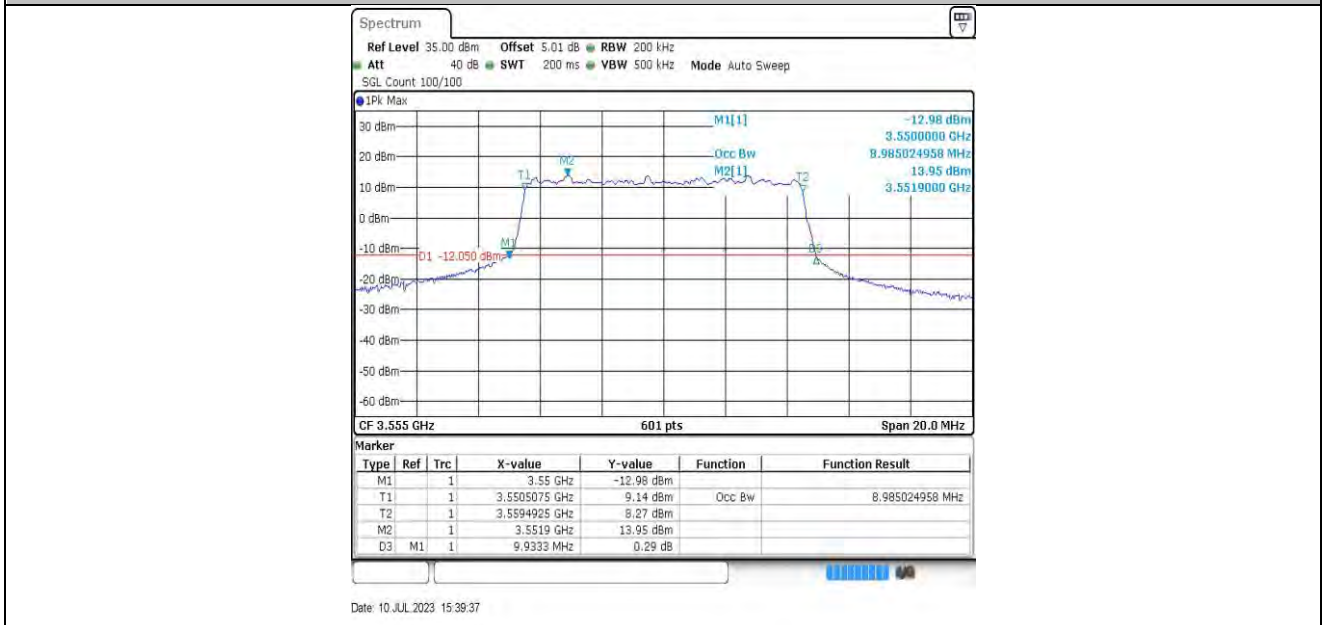
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### 10MHz-56690 64QAM

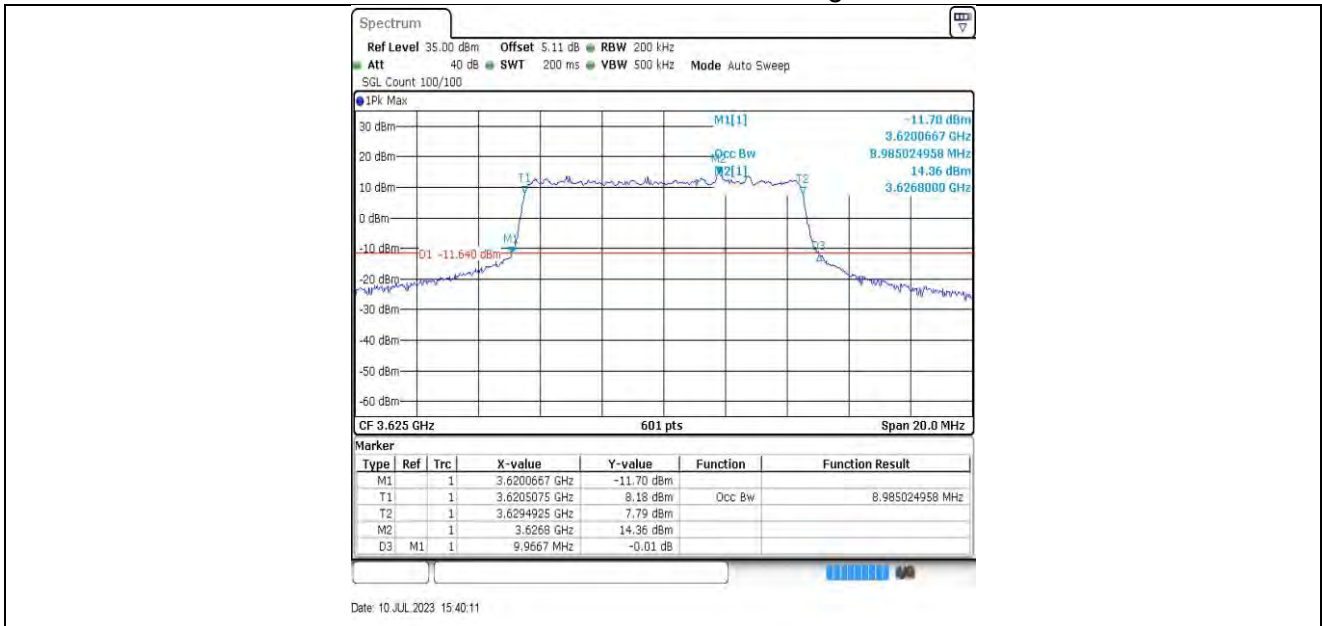


### 10MHz-55290 256QAM

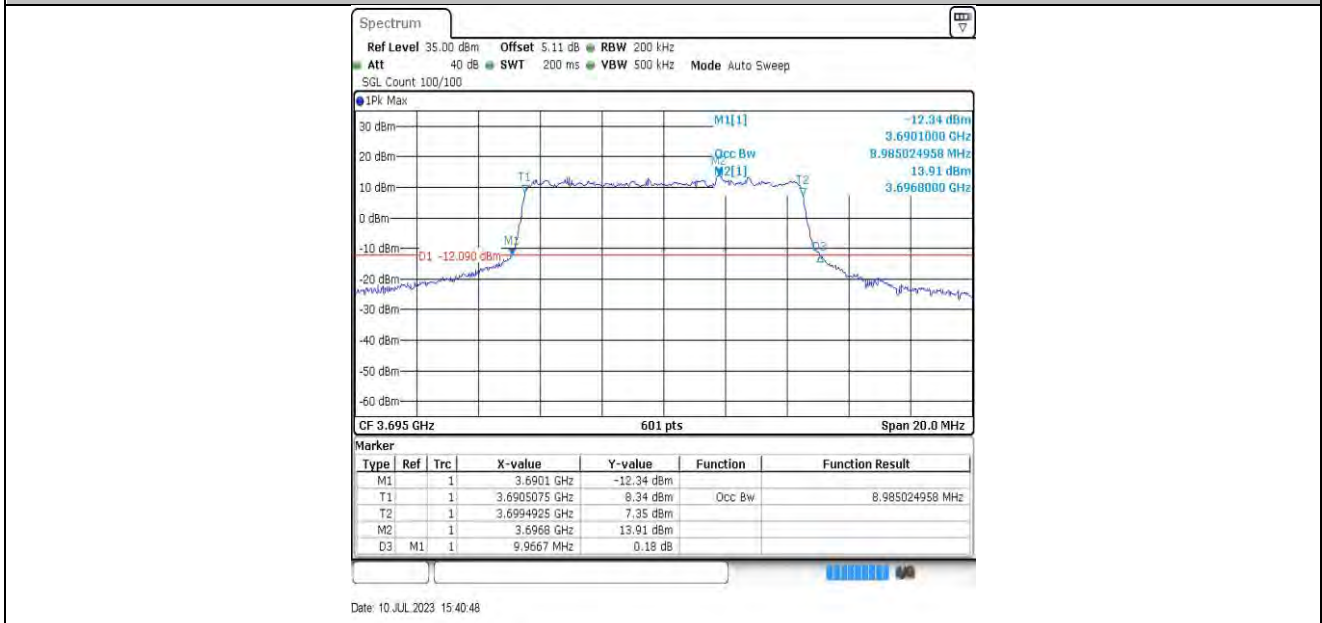


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### 10MHz-55990 256QAM



### 10MHz-56690 256QAM

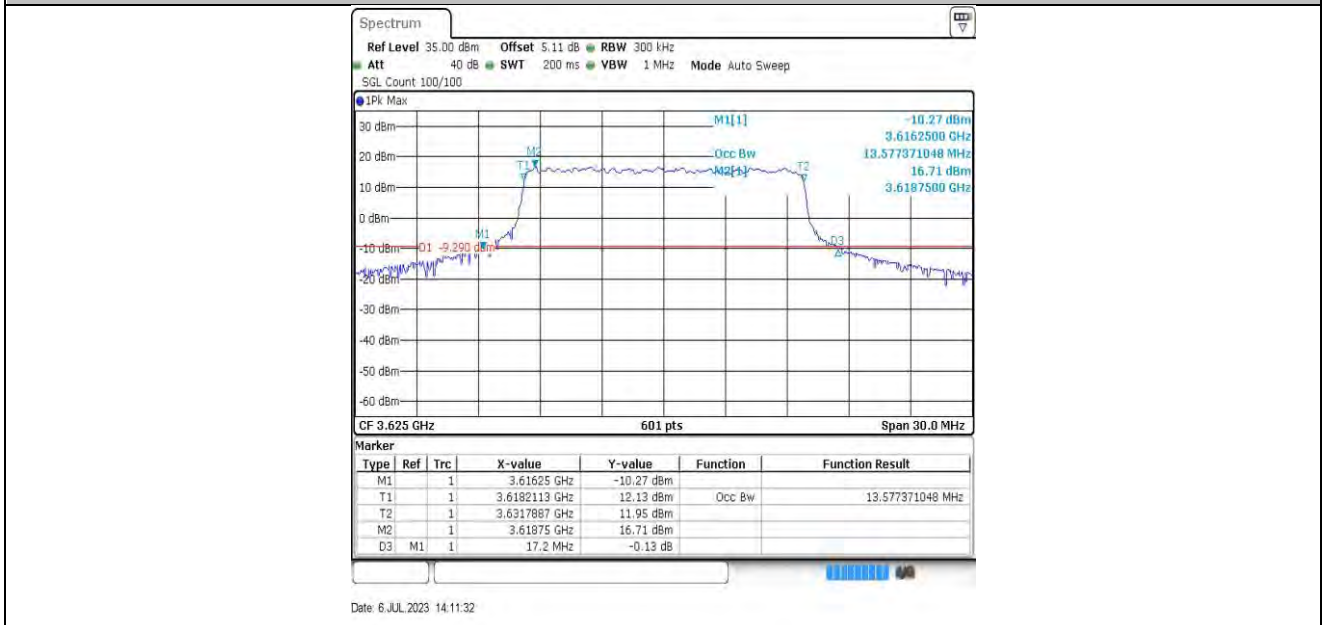


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### 15MHz-55315 QPSK



### 15MHz-55990 QPSK



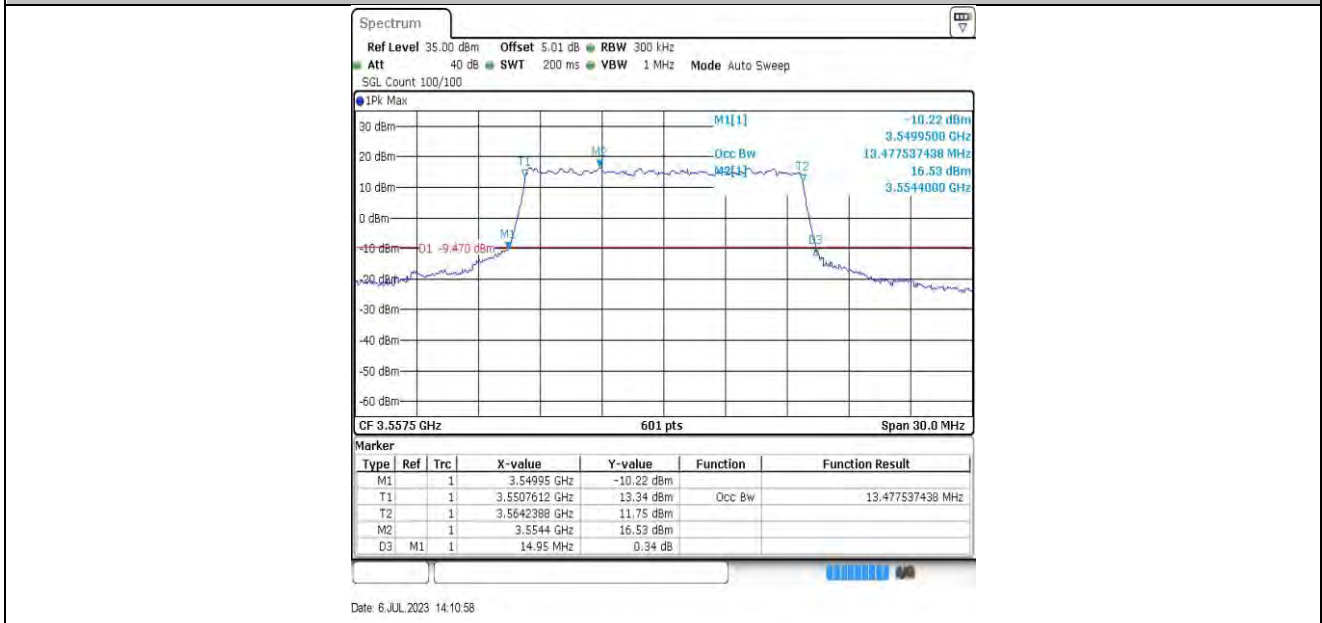
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### 15MHz-56665 QPSK



### 15MHz-55315 16QAM

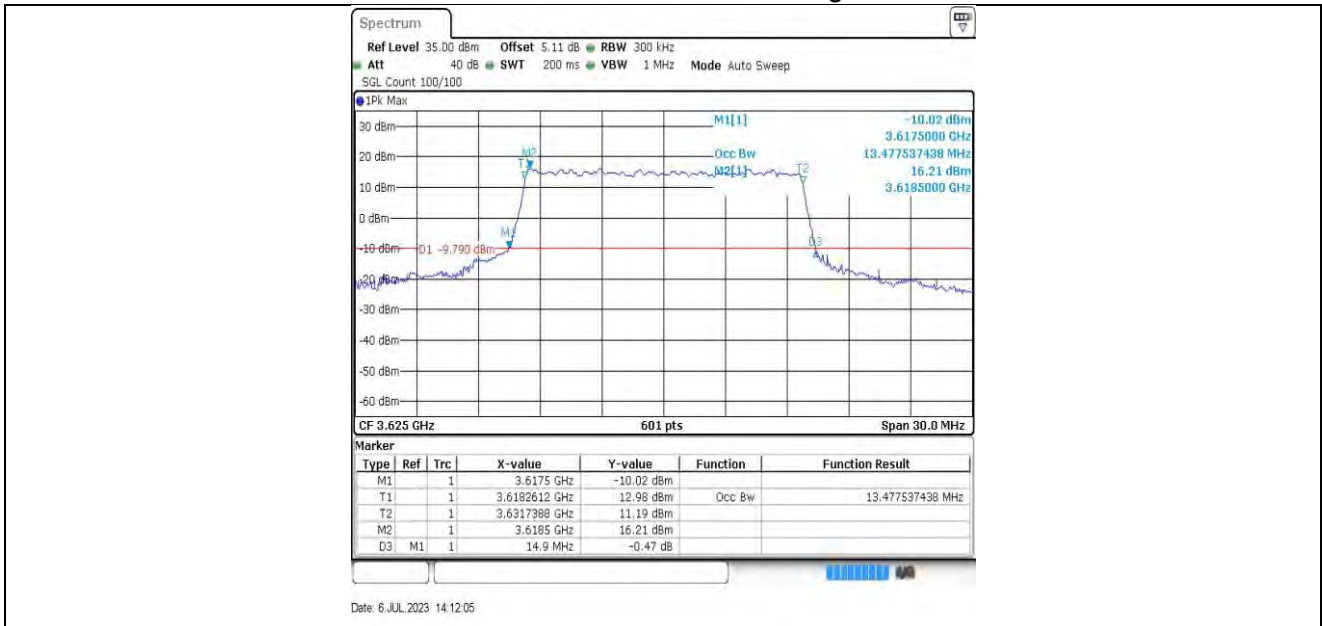


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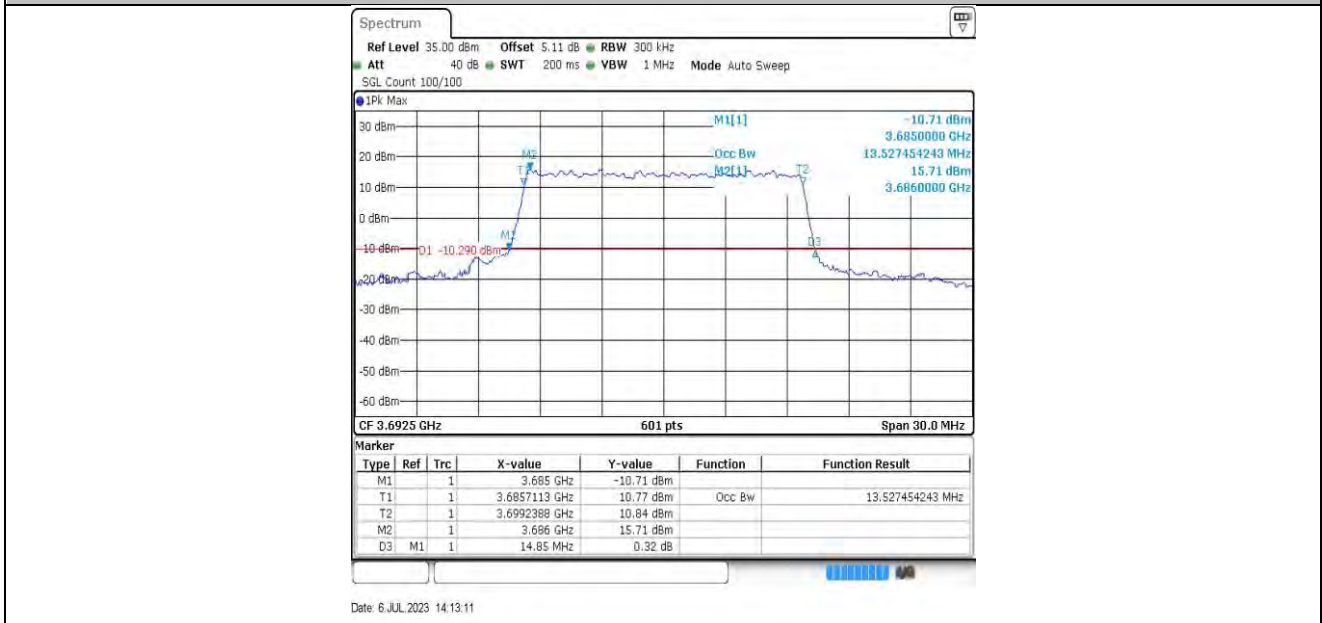
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### 15MHz-55990 16QAM

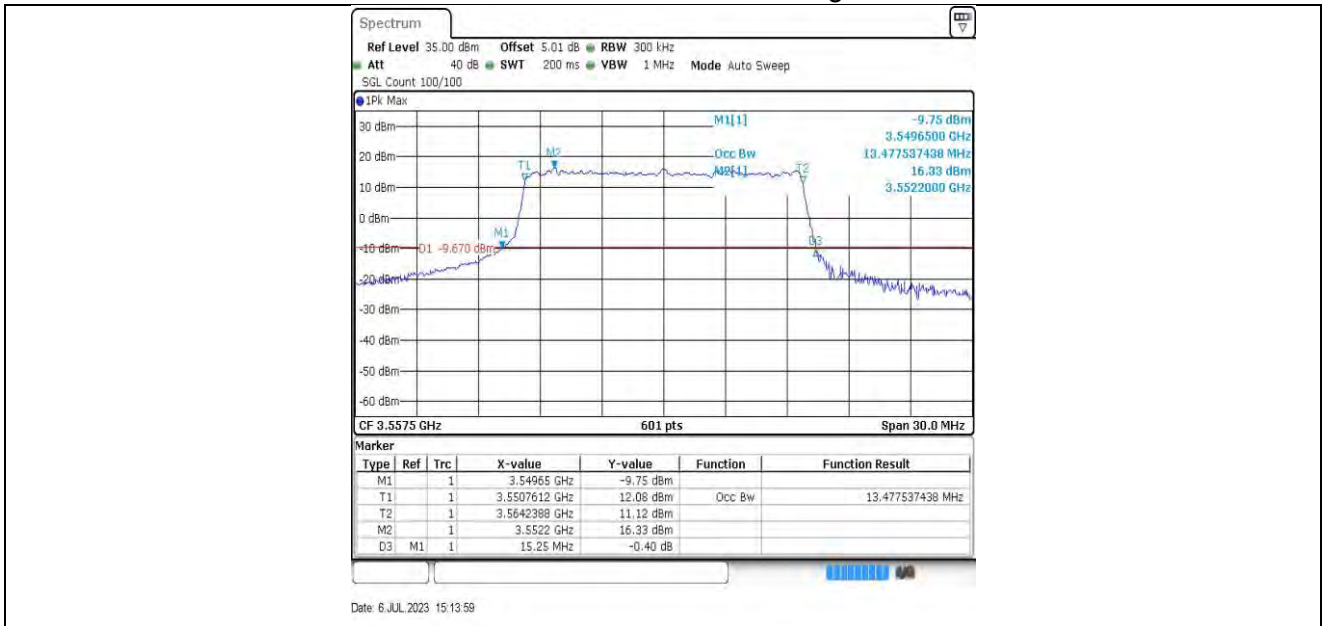


### 15MHz-56665 16QAM

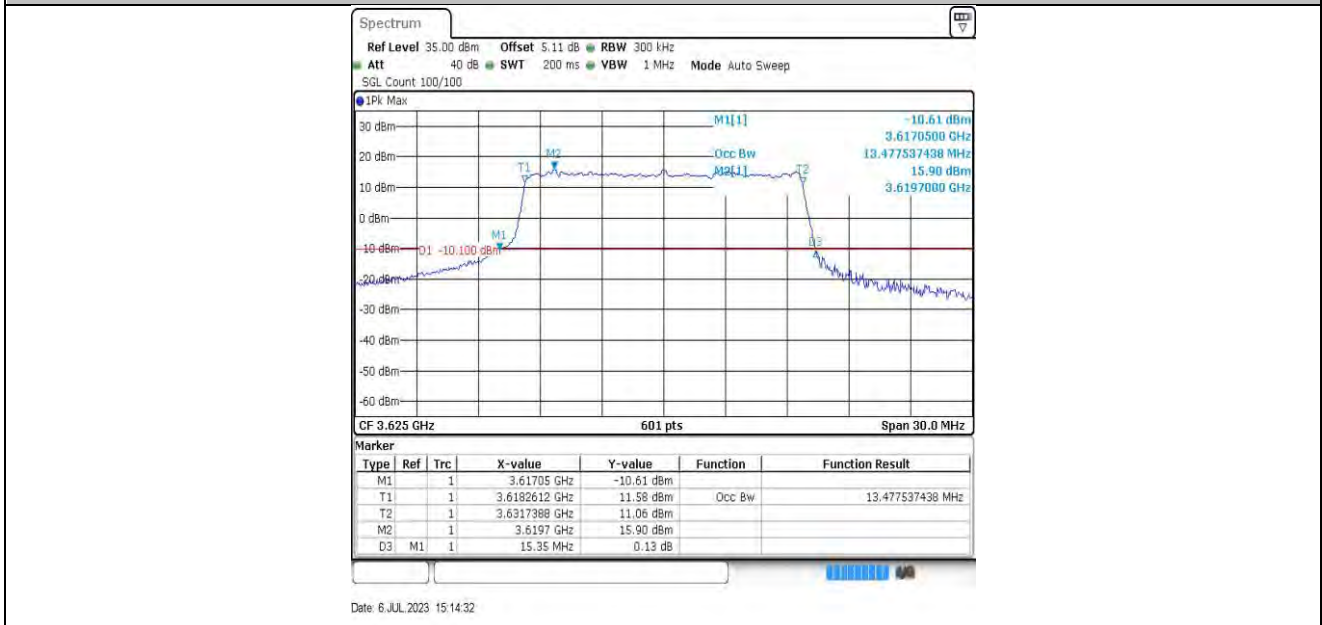


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15MHz-55315 64QAM

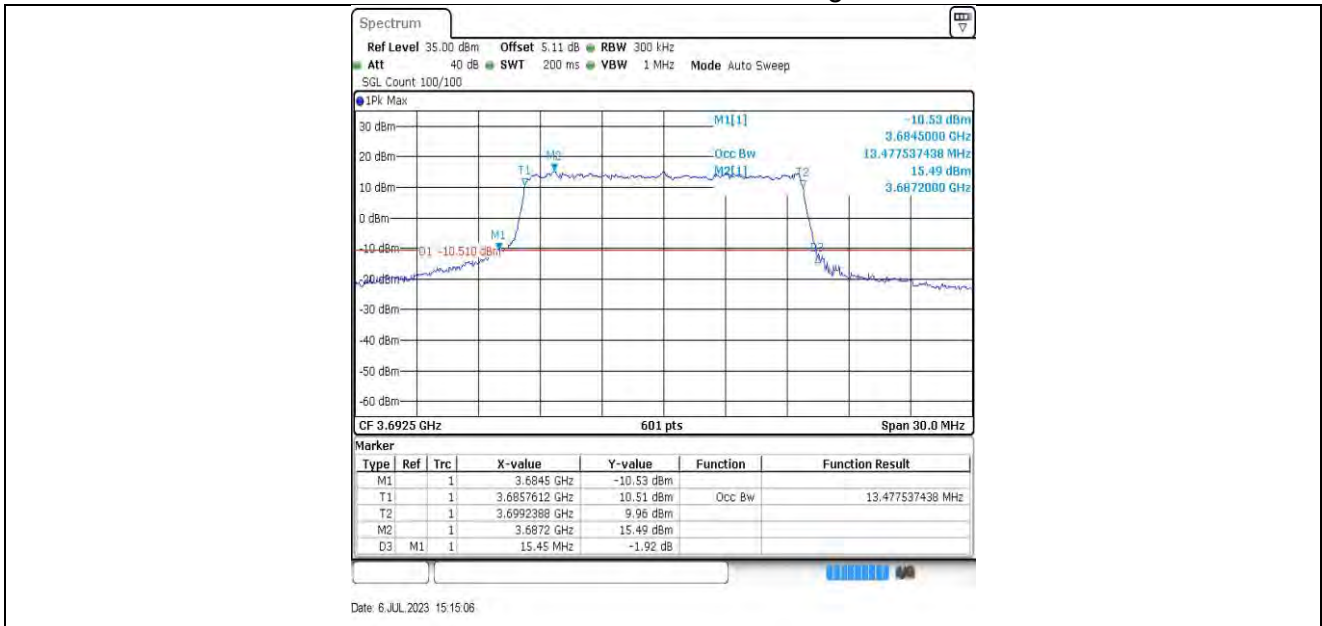


15MHz-55990 64QAM



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### 15MHz-56665 64QAM



### 15MHz-55315 256QAM



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### 15MHz-55990 256QAM



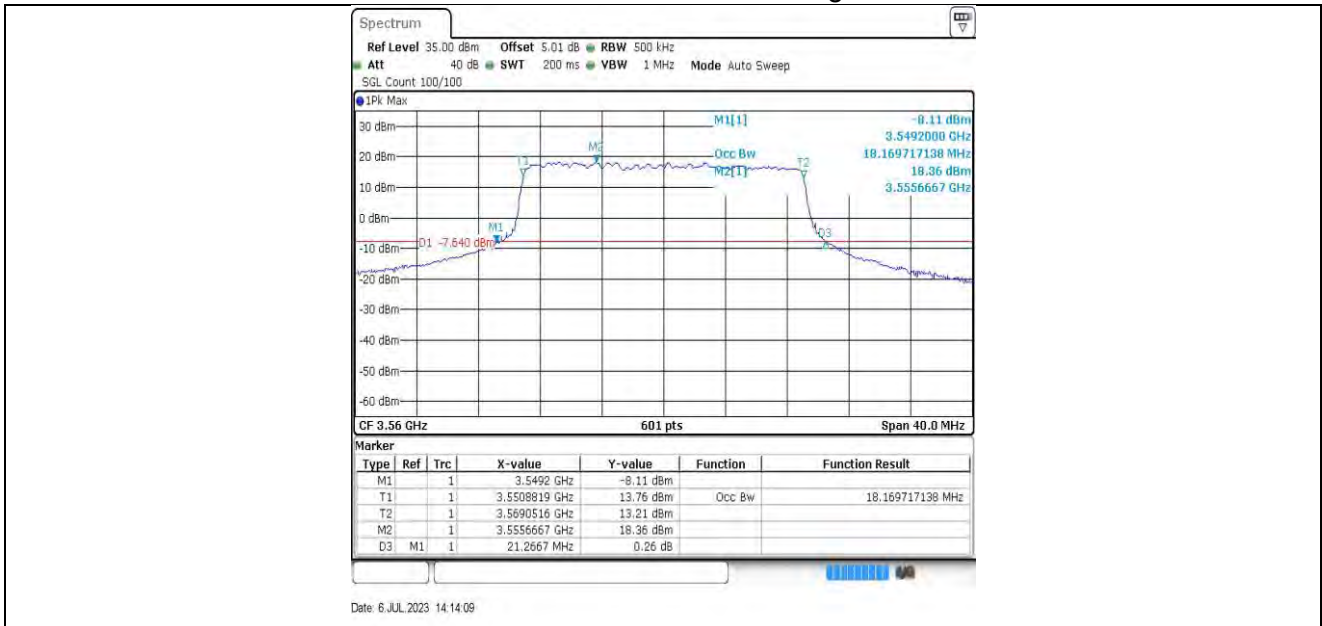
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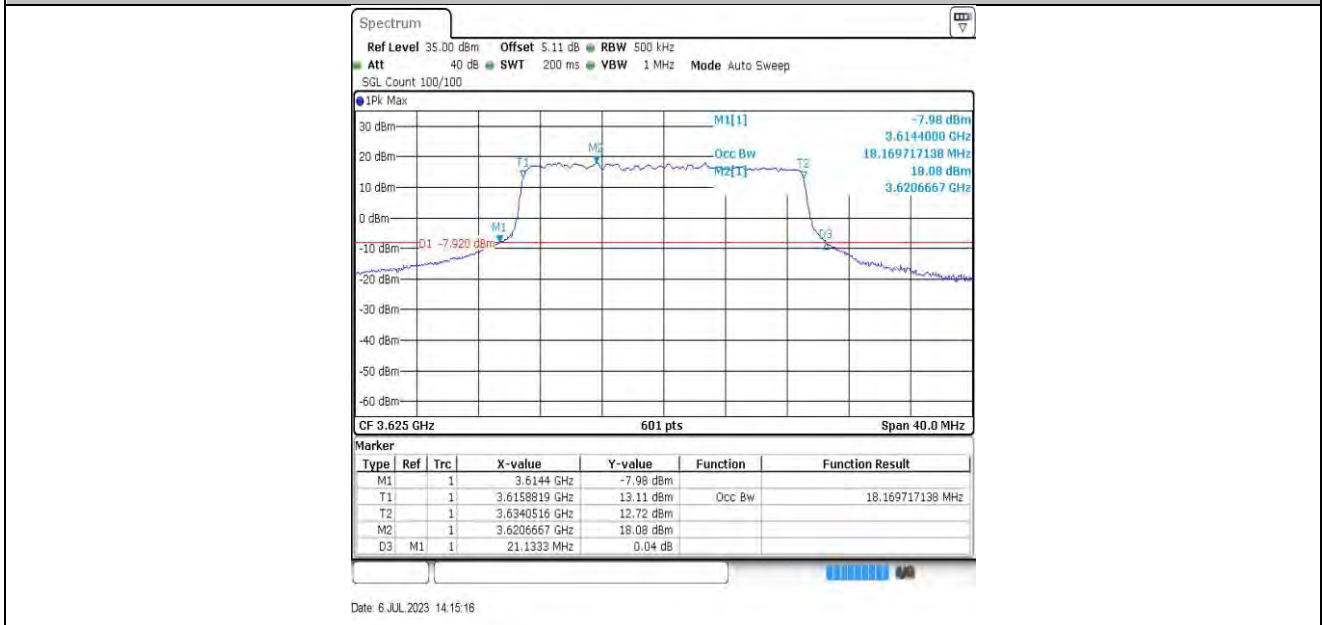
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### 20MHz-55340 QPSK

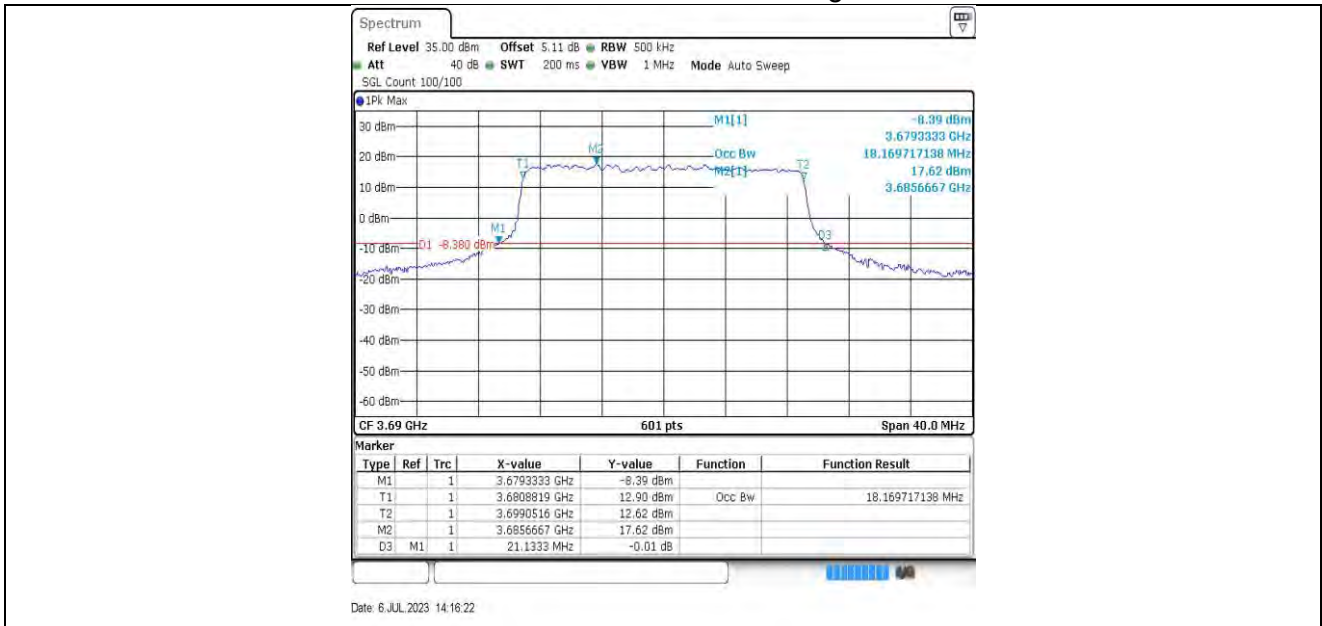


### 20MHz-55990 QPSK

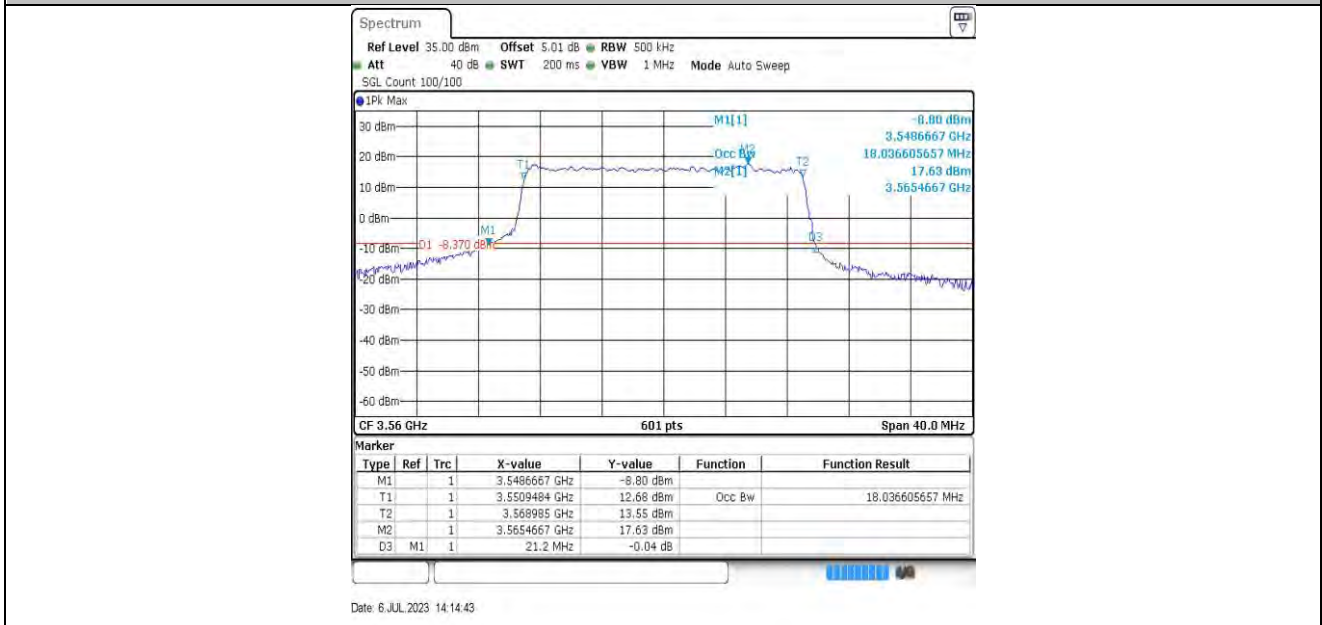


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### 20MHz-56640 QPSK



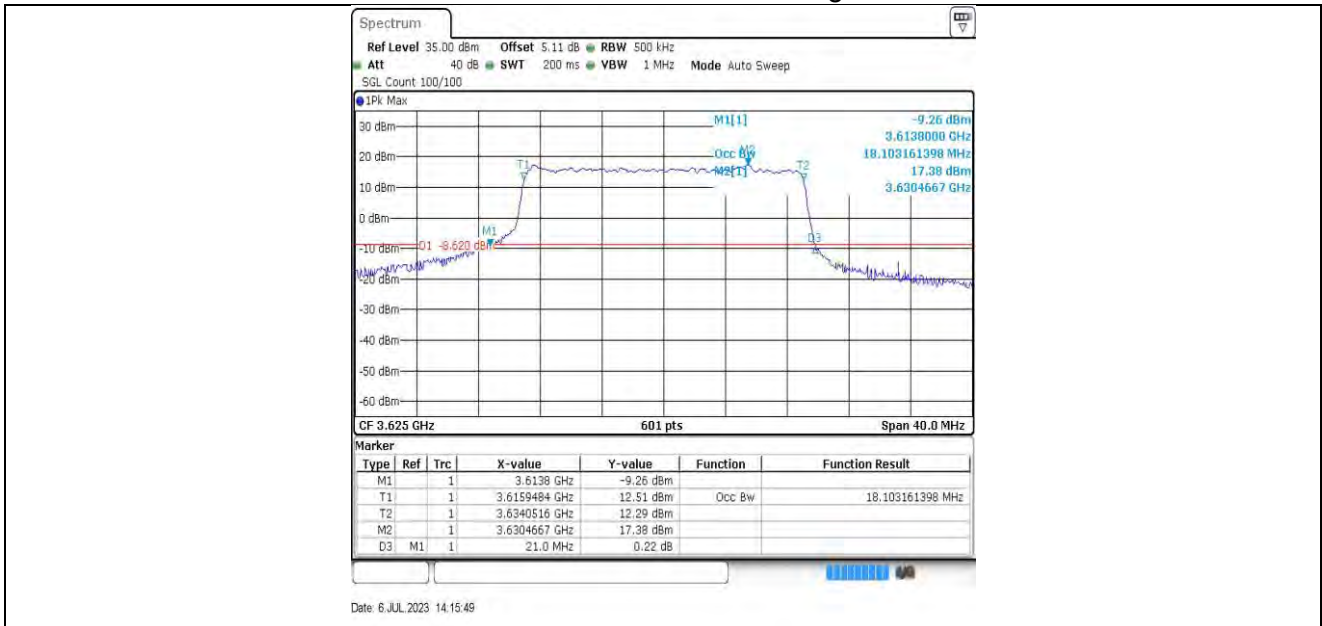
### 20MHz-55340 16QAM



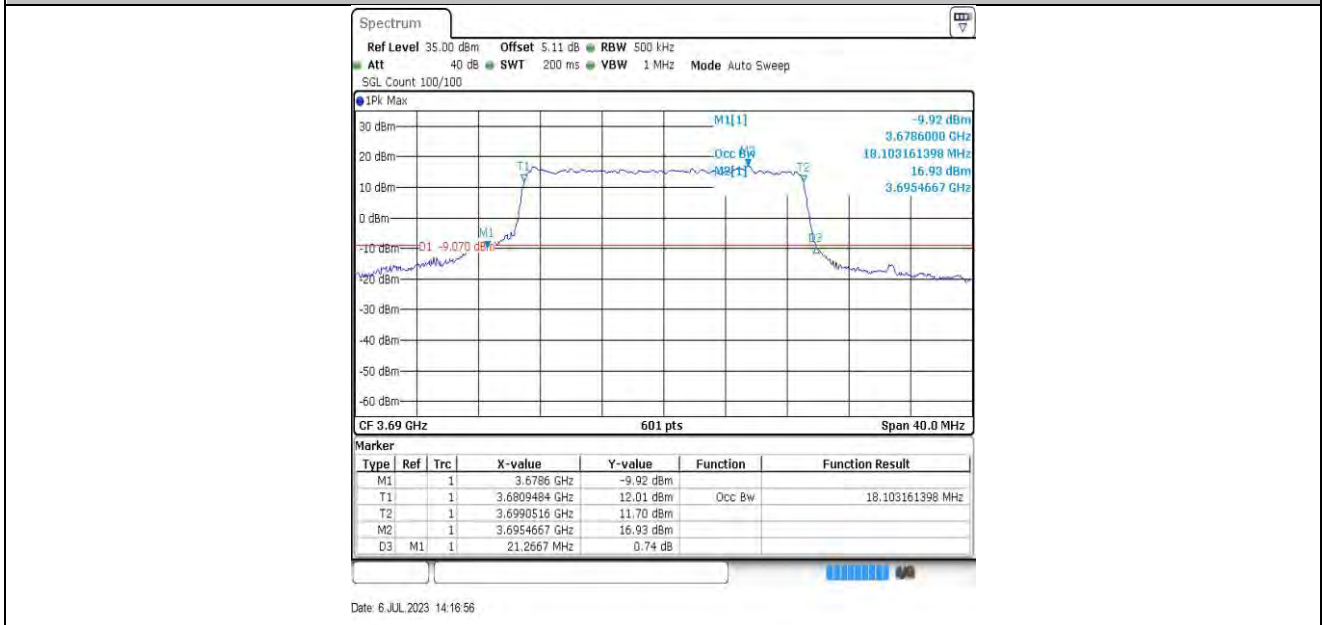
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### 20MHz-55990 16QAM



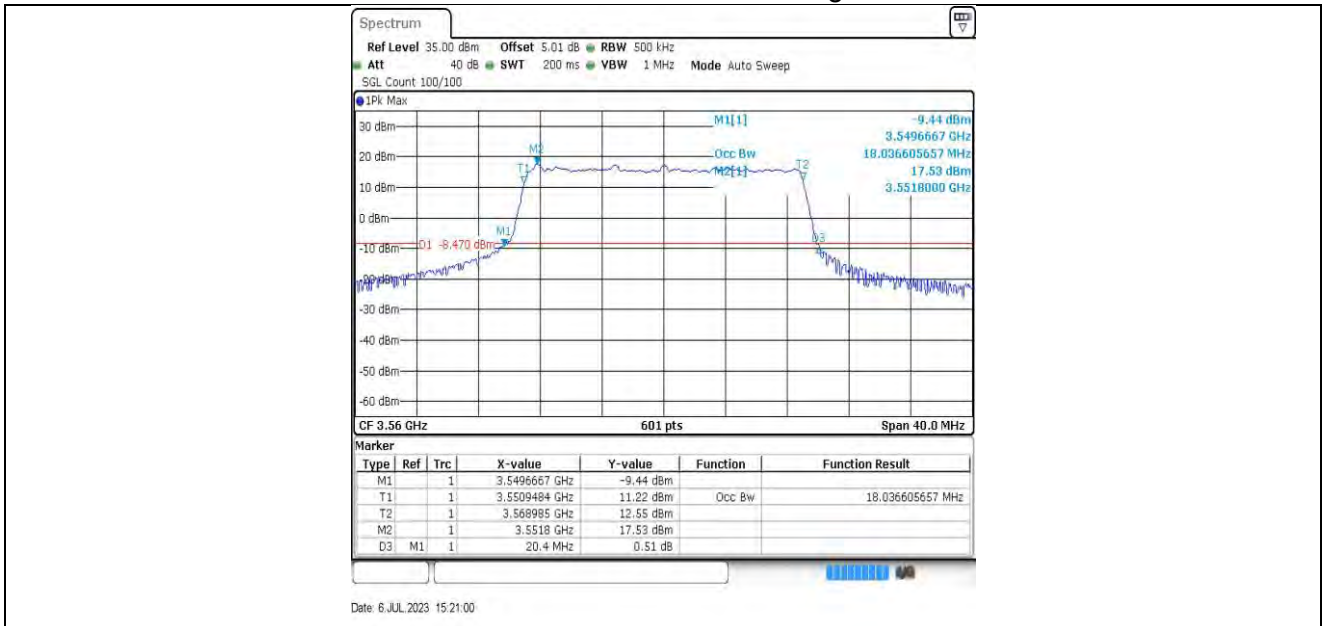
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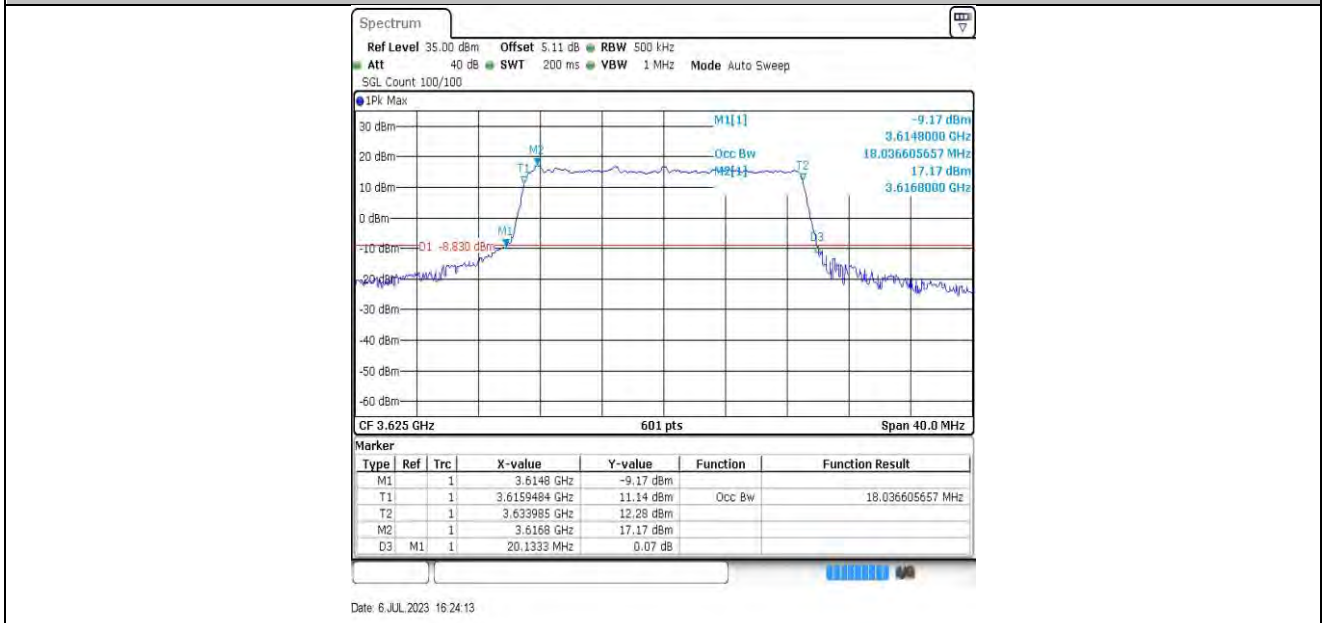
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### 20MHz-55340 64QAM



### 20MHz-55990 64QAM

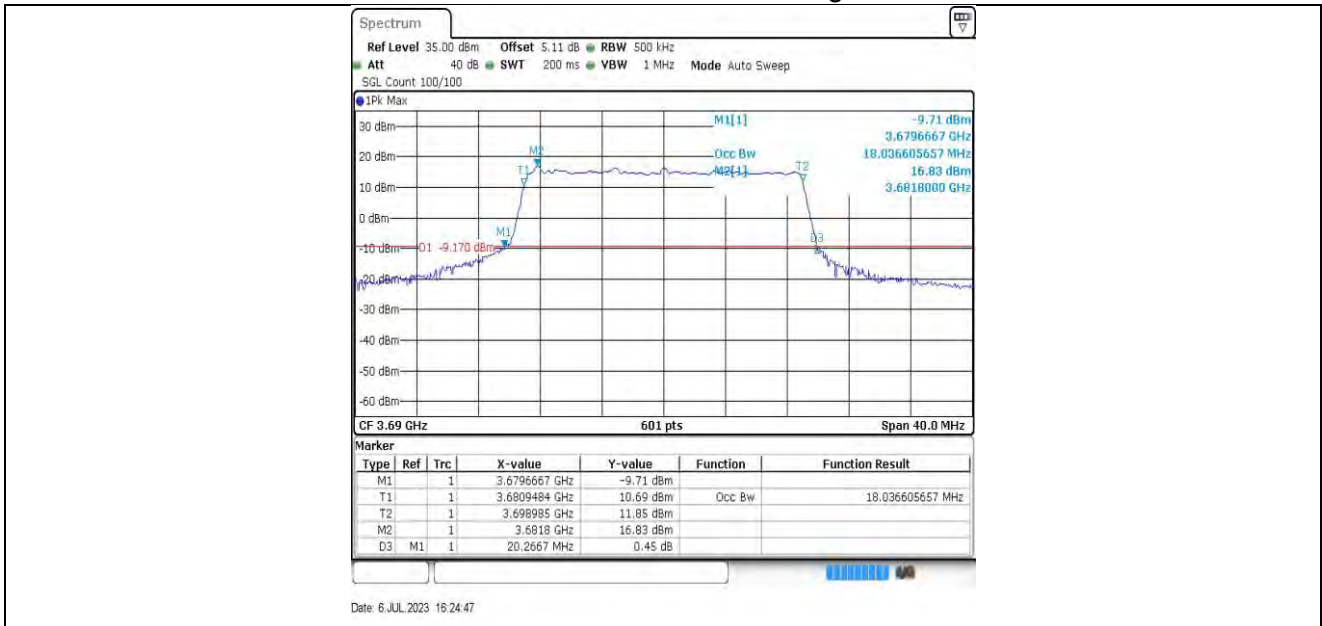


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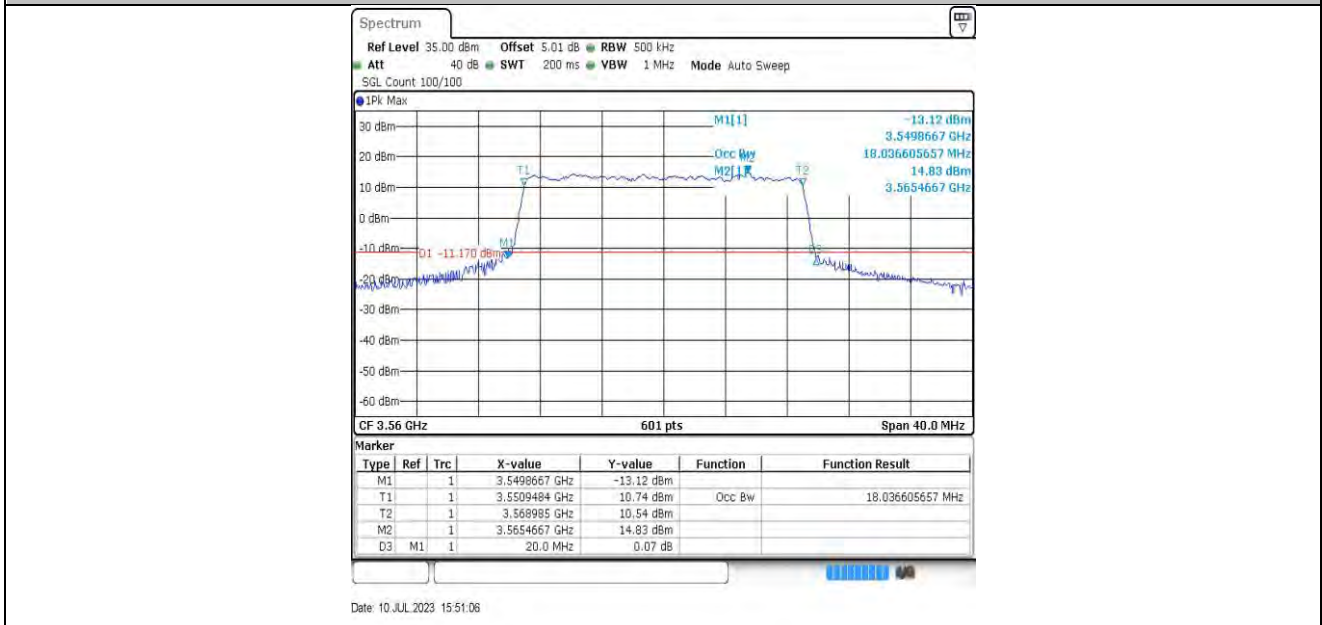
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### 20MHz-56640 64QAM

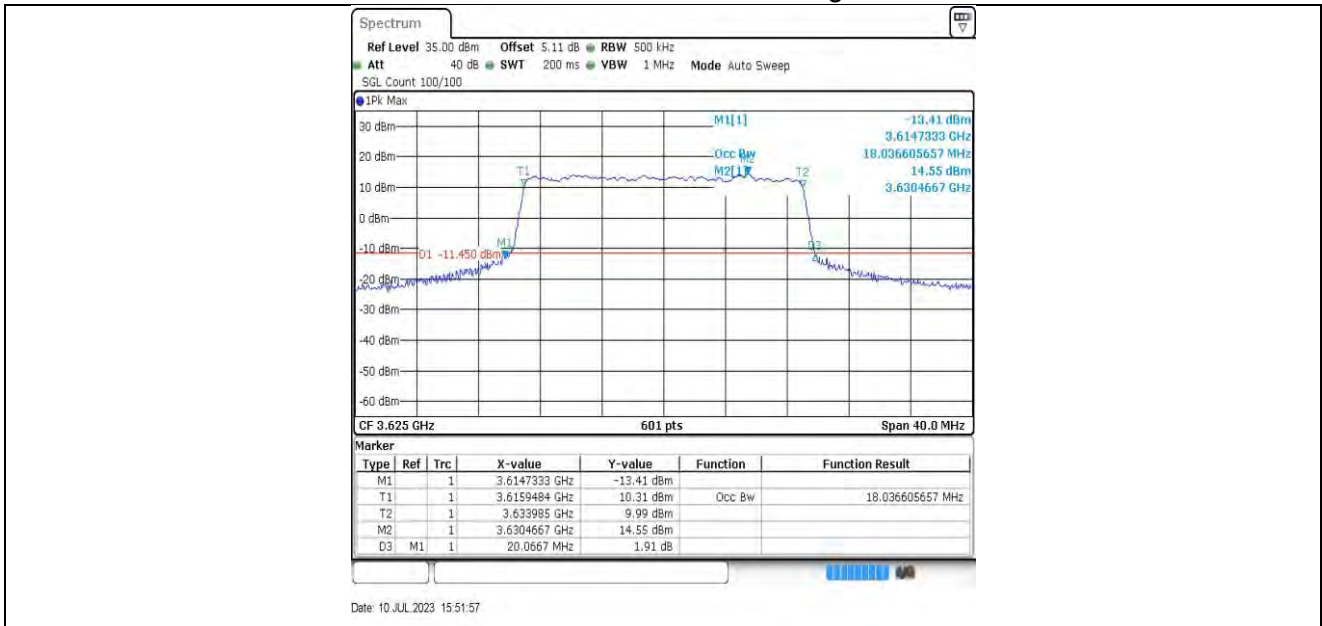


### 20MHz-55340 256QAM

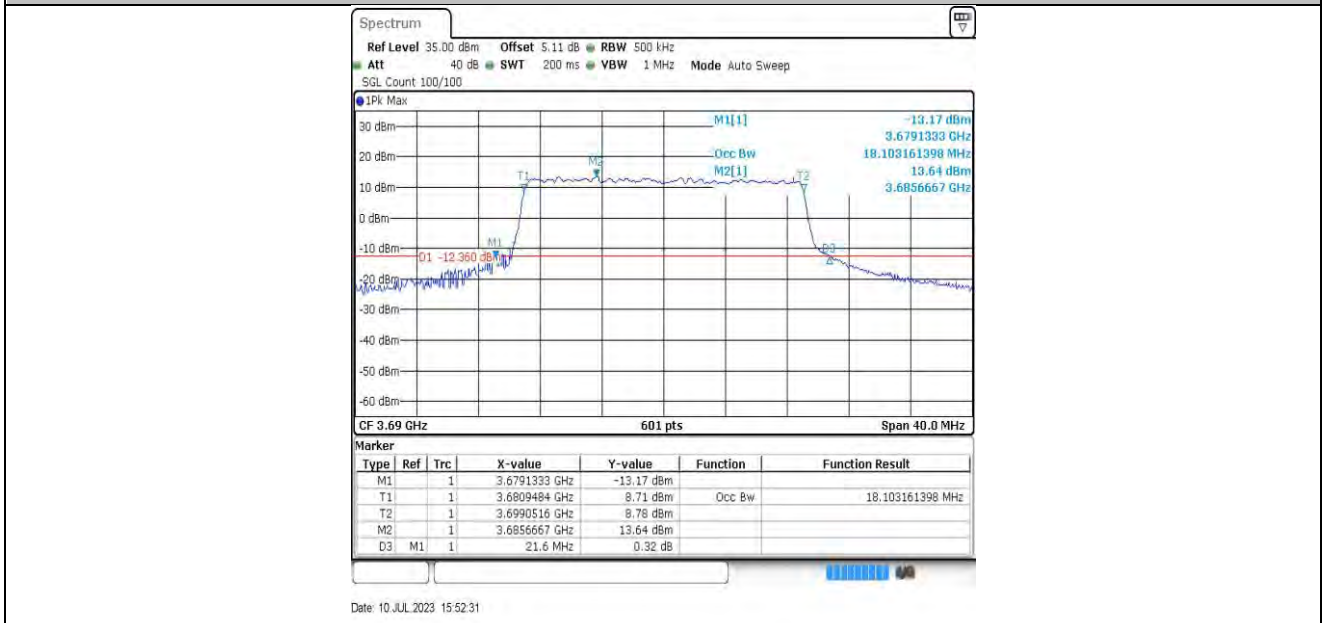


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### 20MHz-55990 256QAM



### 20MHz-56640 256QAM

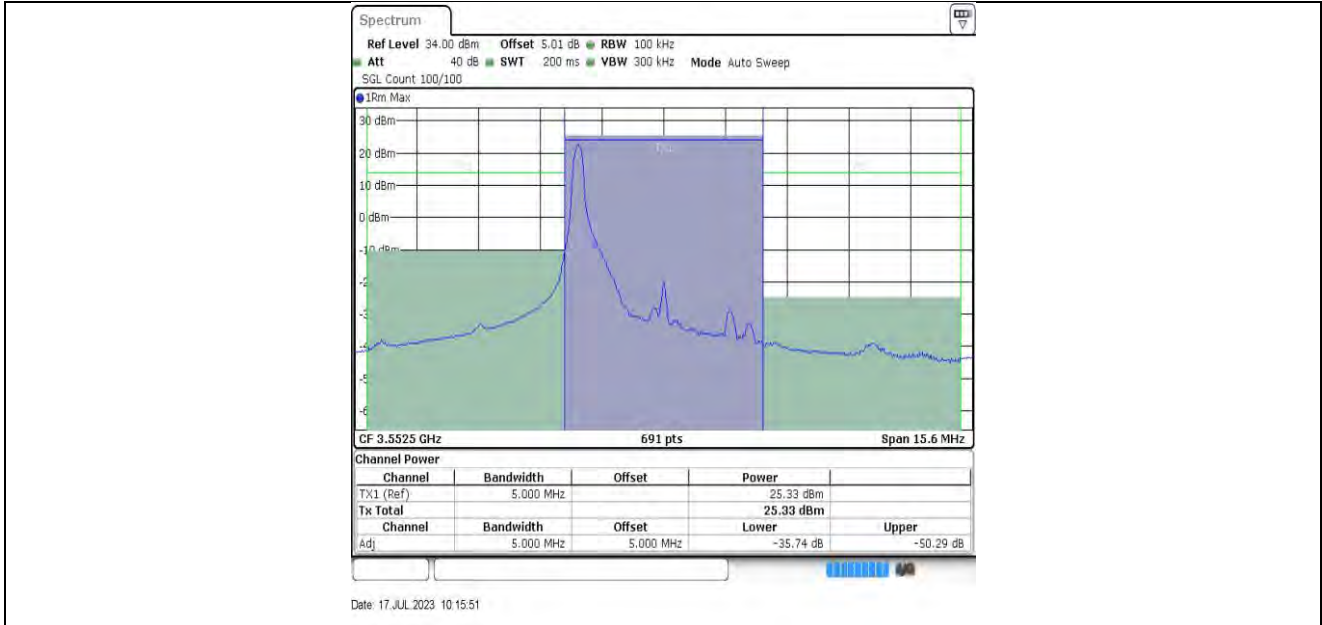


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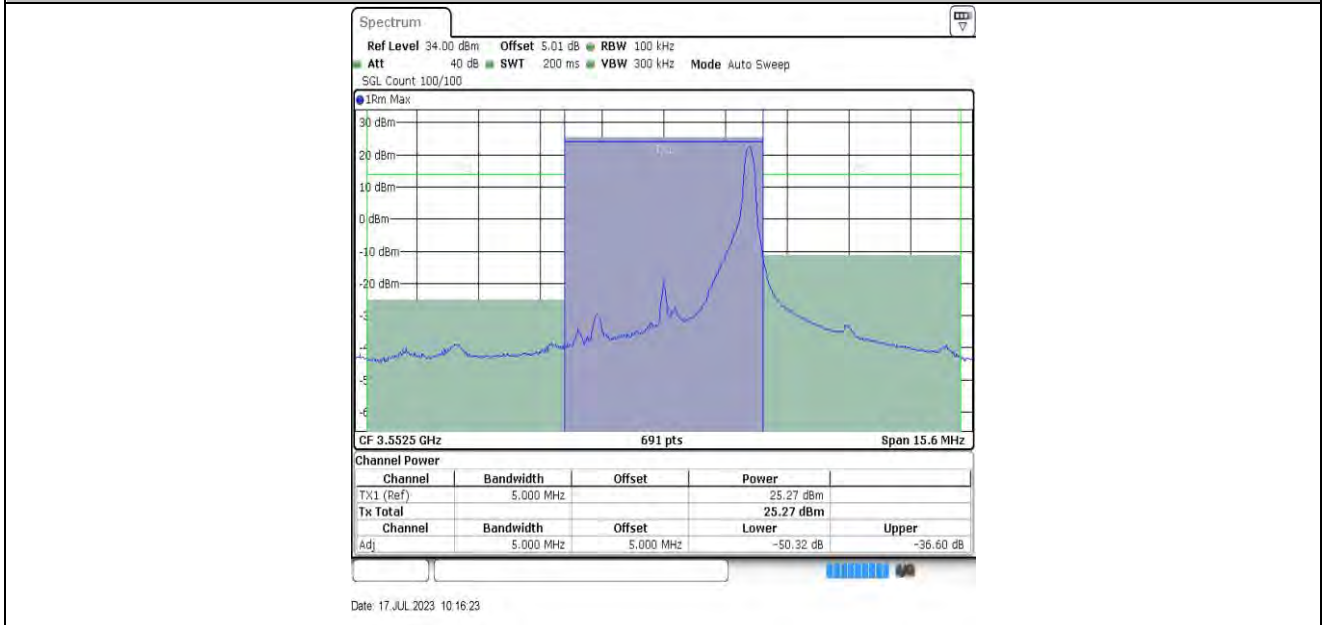
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## Adjacent channel leakage ratio

### Test Graphs



5MHz-55265

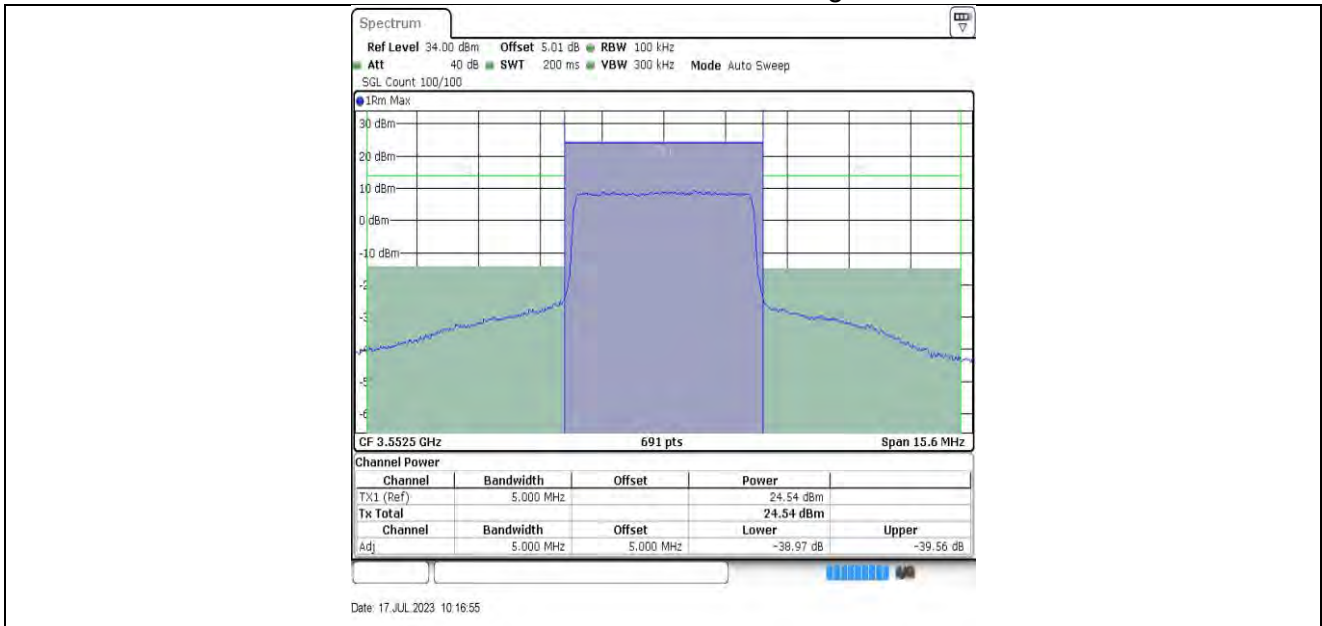


5MHz-55265

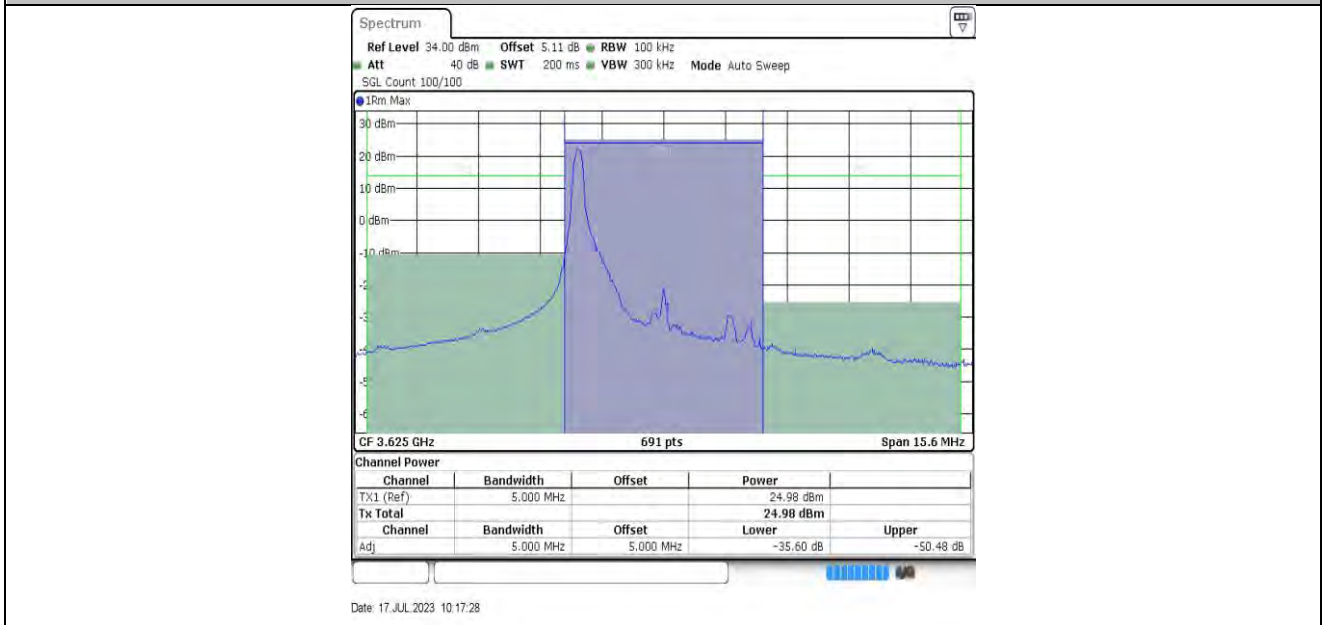


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### 5MHz-55265



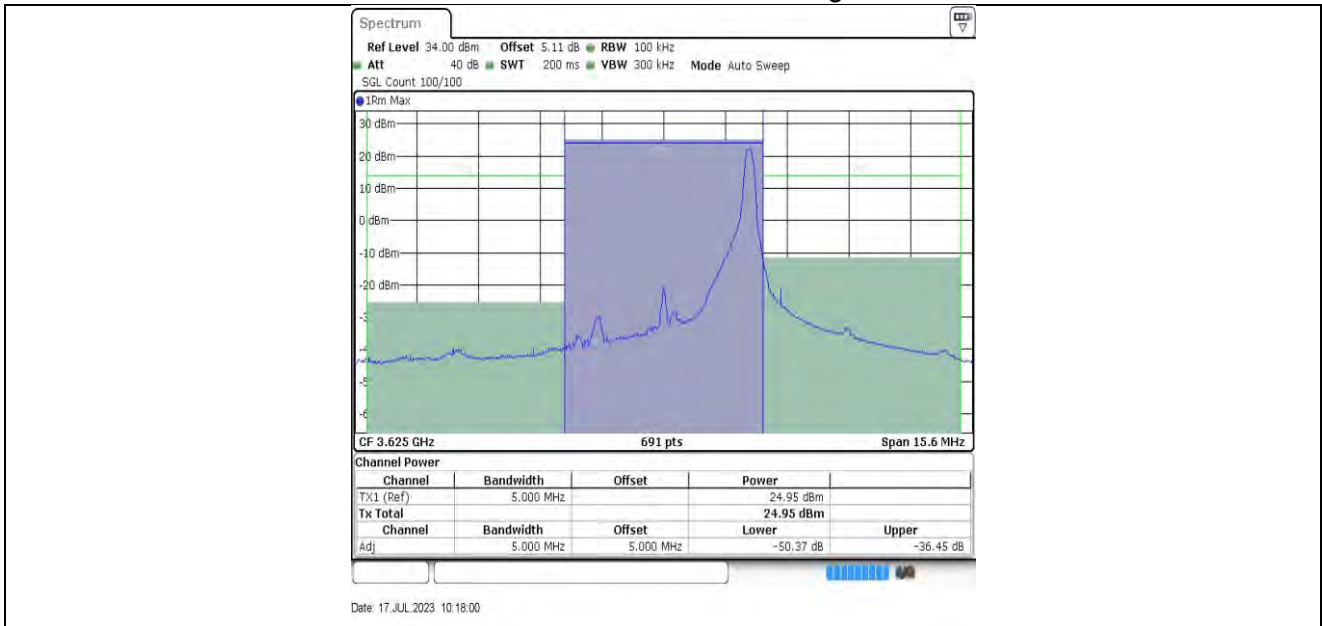
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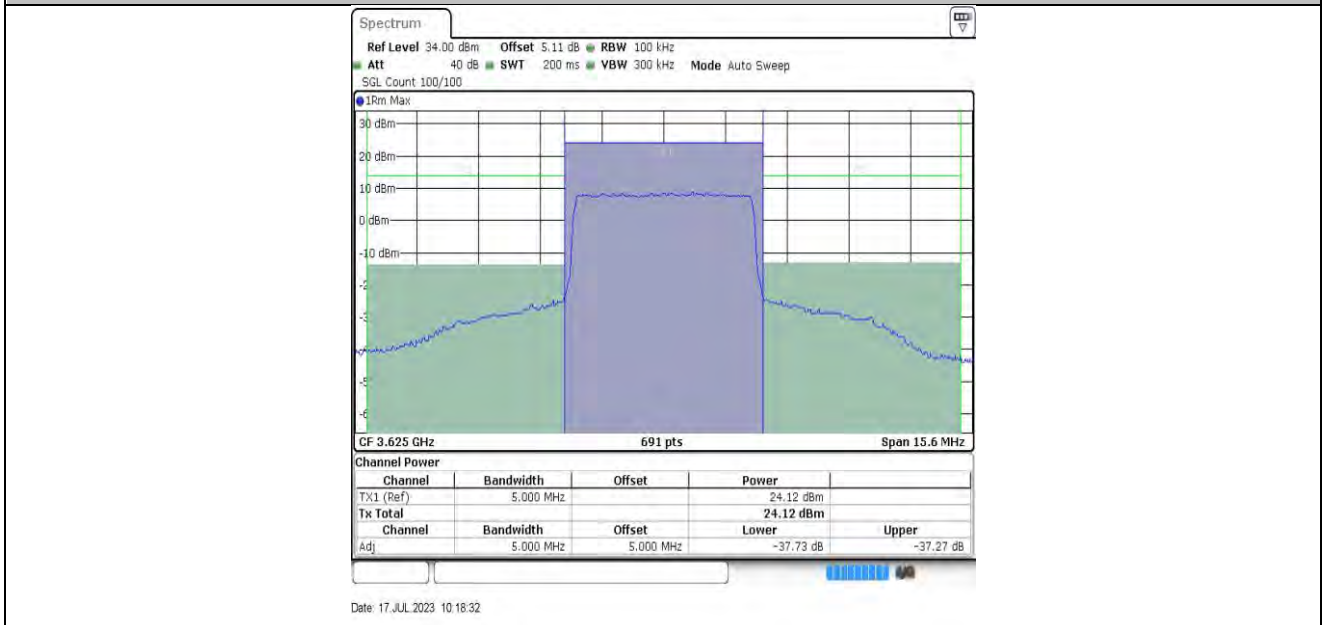
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5MHz-55990



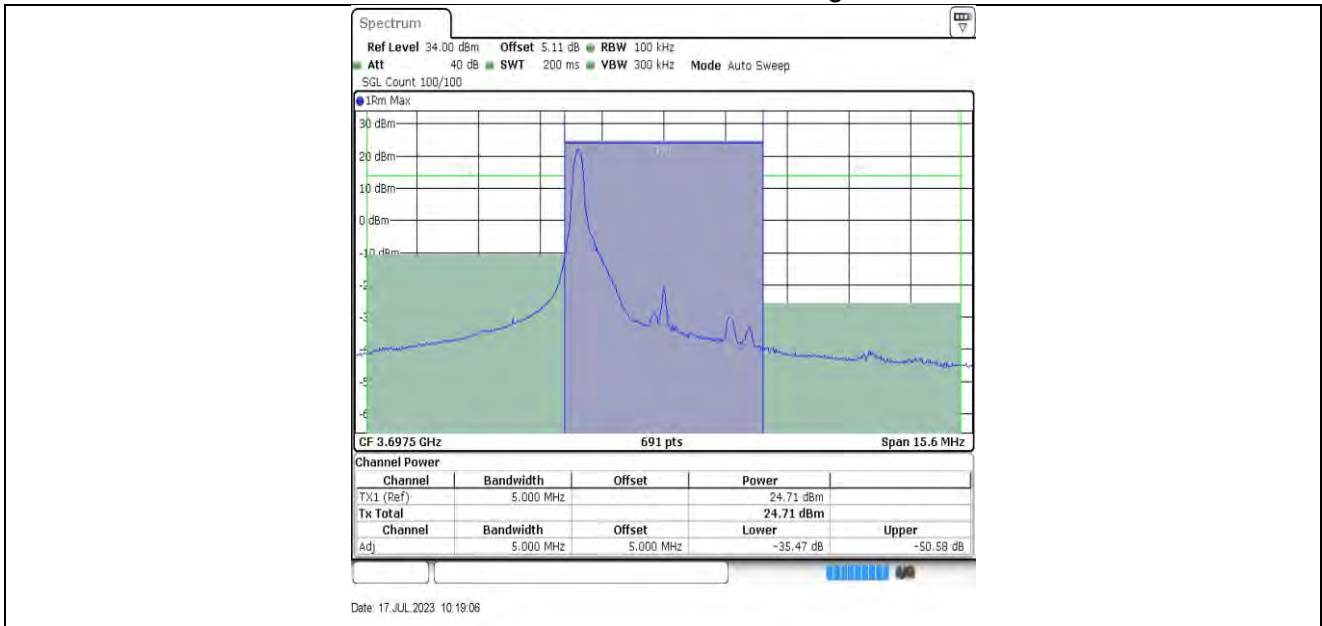
5MHz-55990



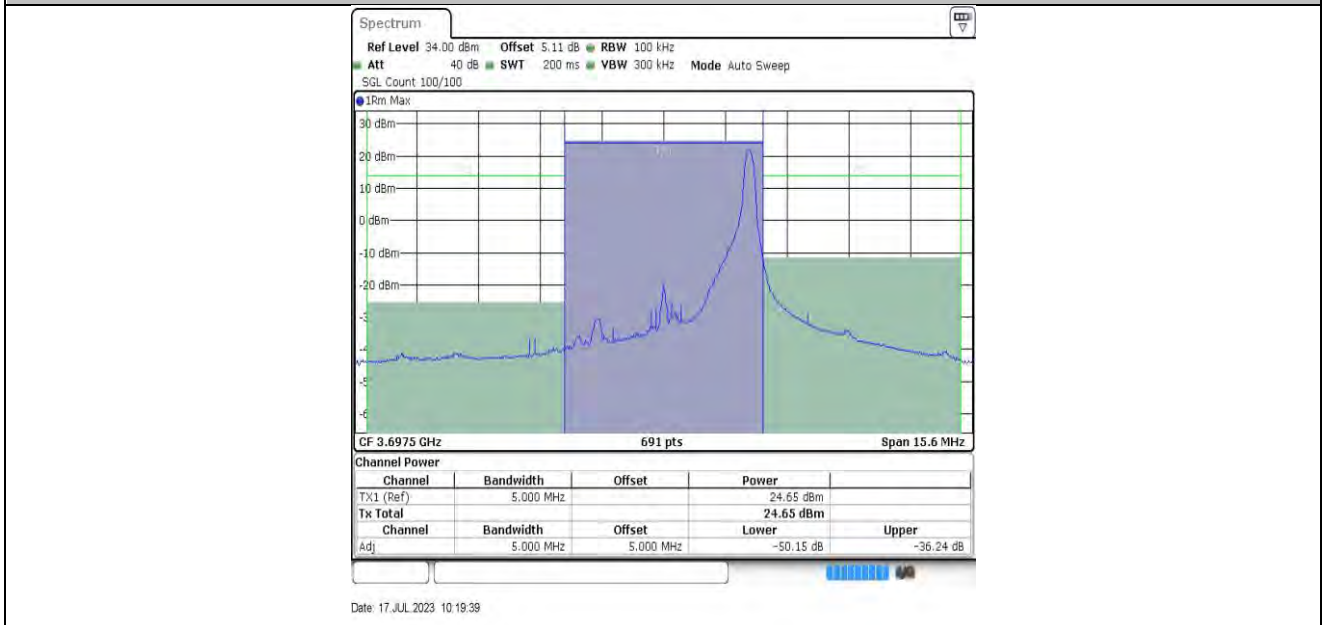
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5MHz-56715



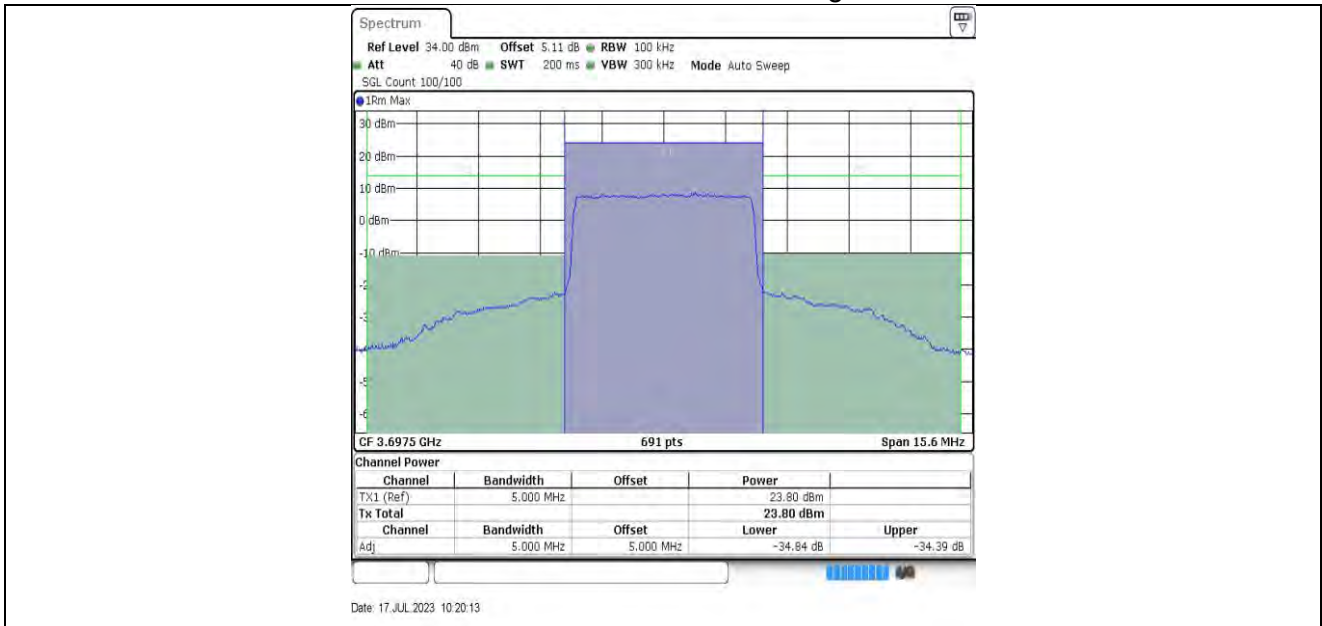
5MHz-56715



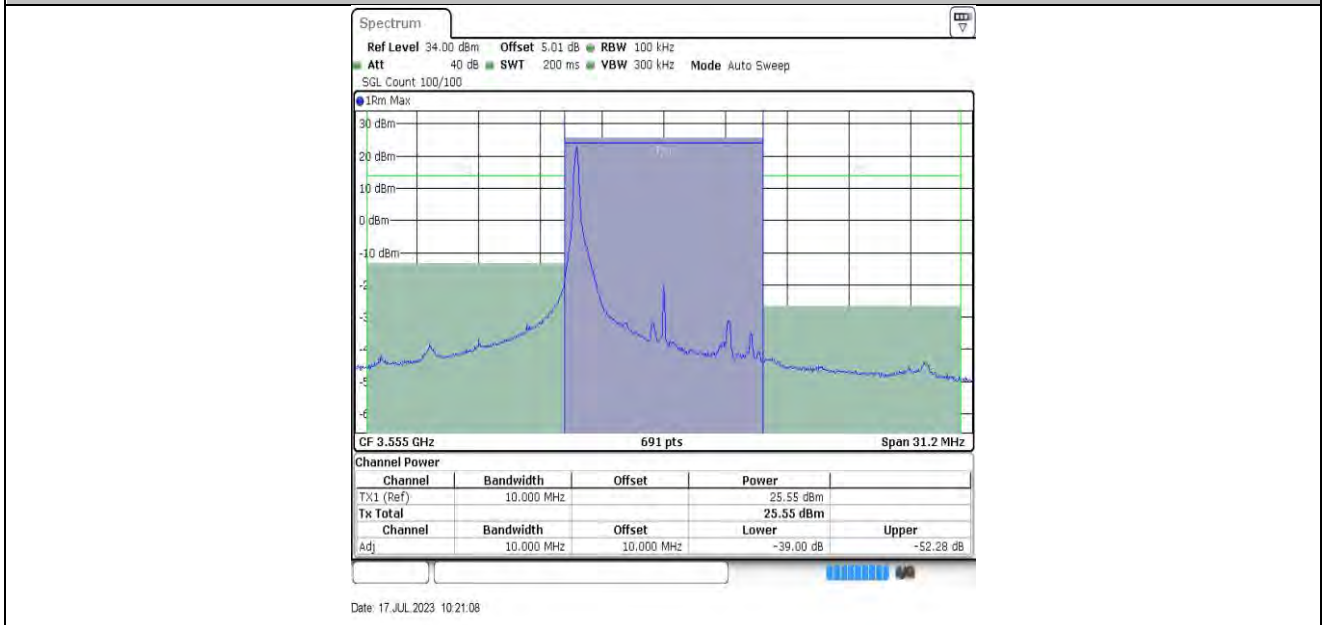
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### 5MHz-56715



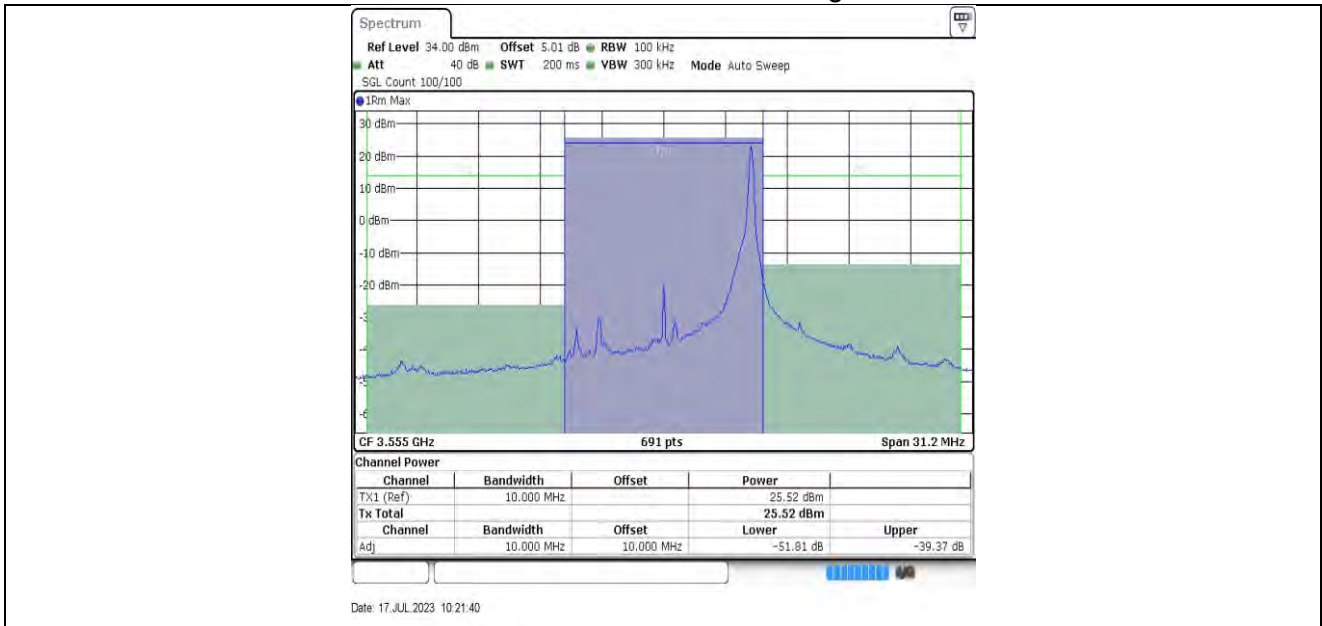
### 10MHz-55290



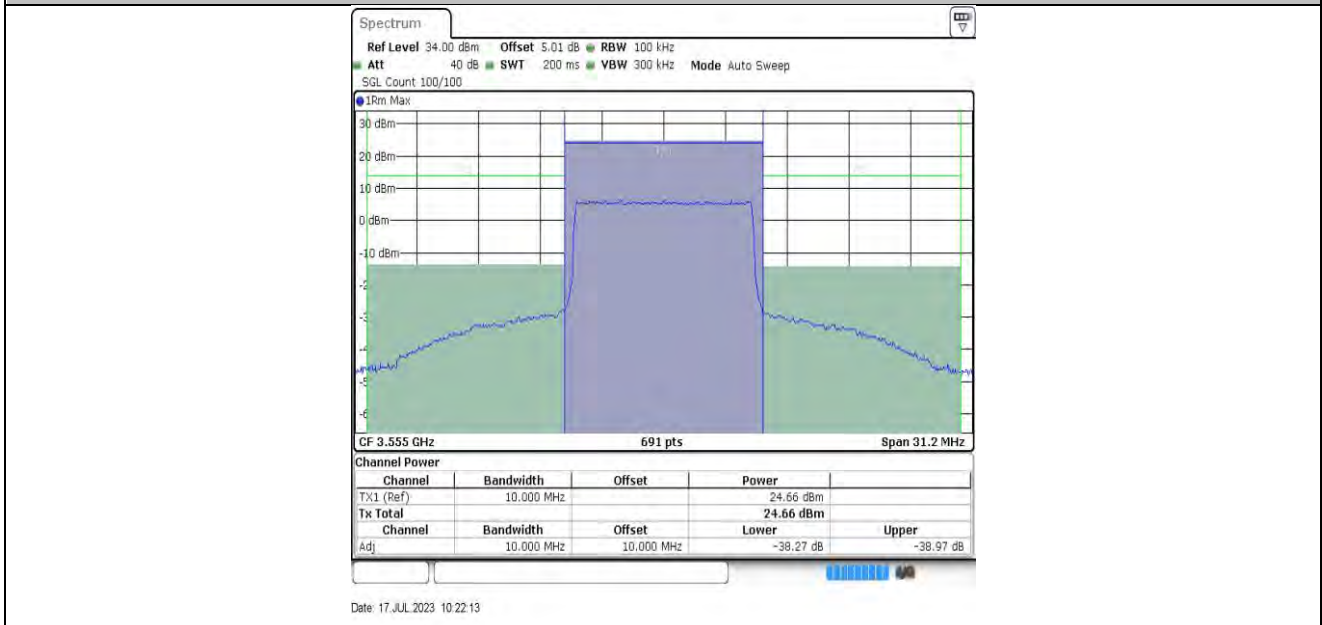
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10MHz-55290



10MHz-55290

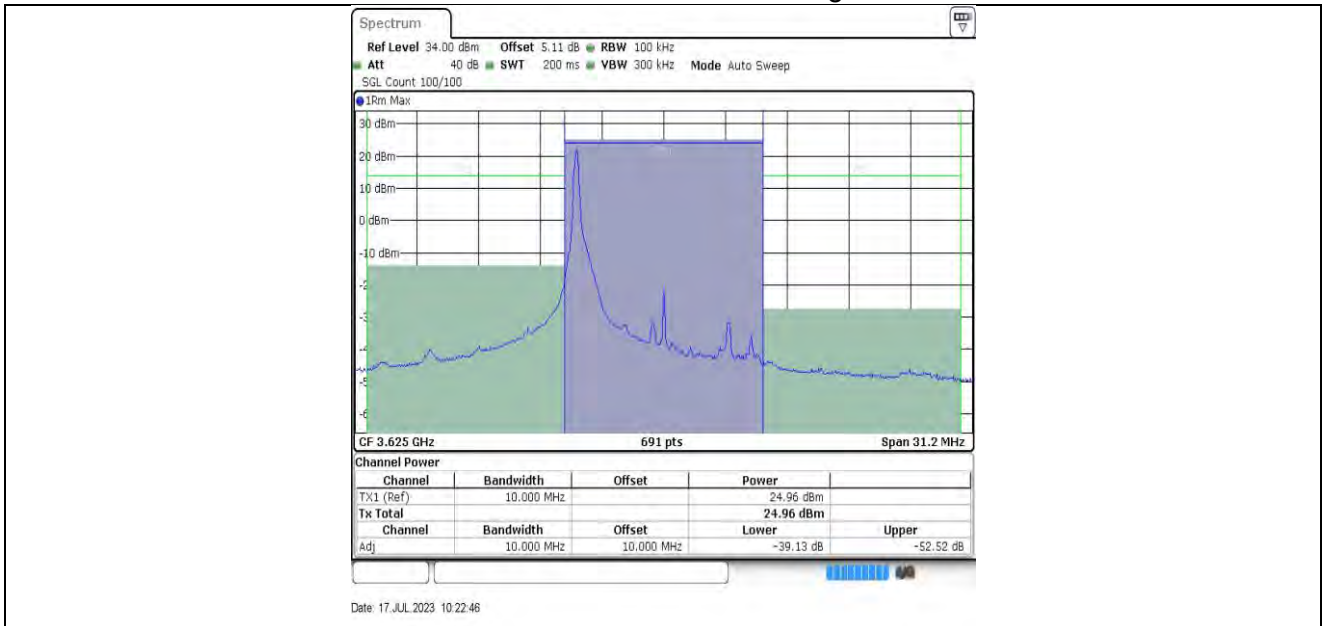


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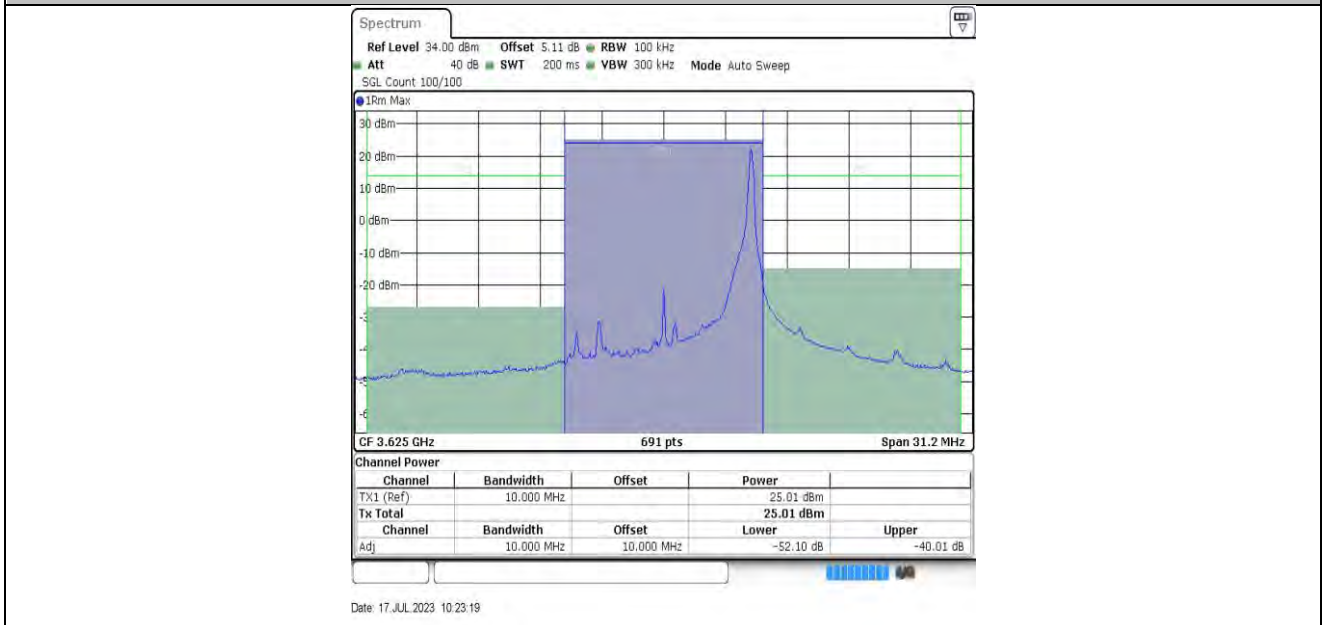
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10MHz-55990



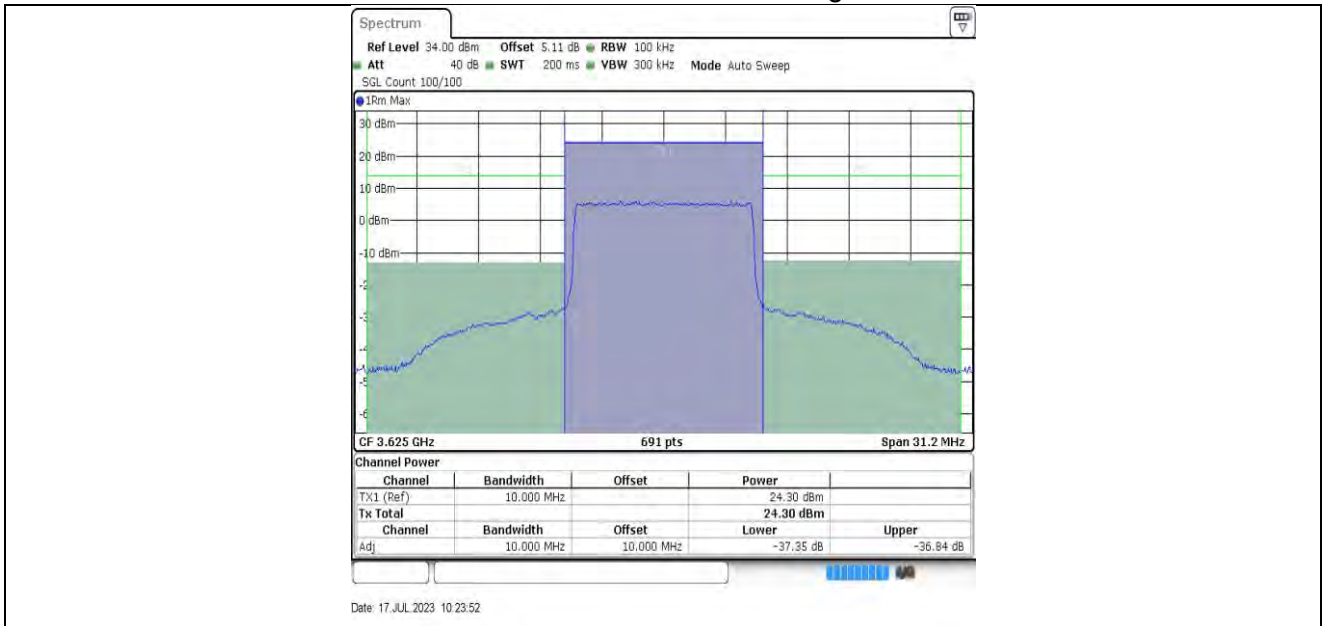
10MHz-55990



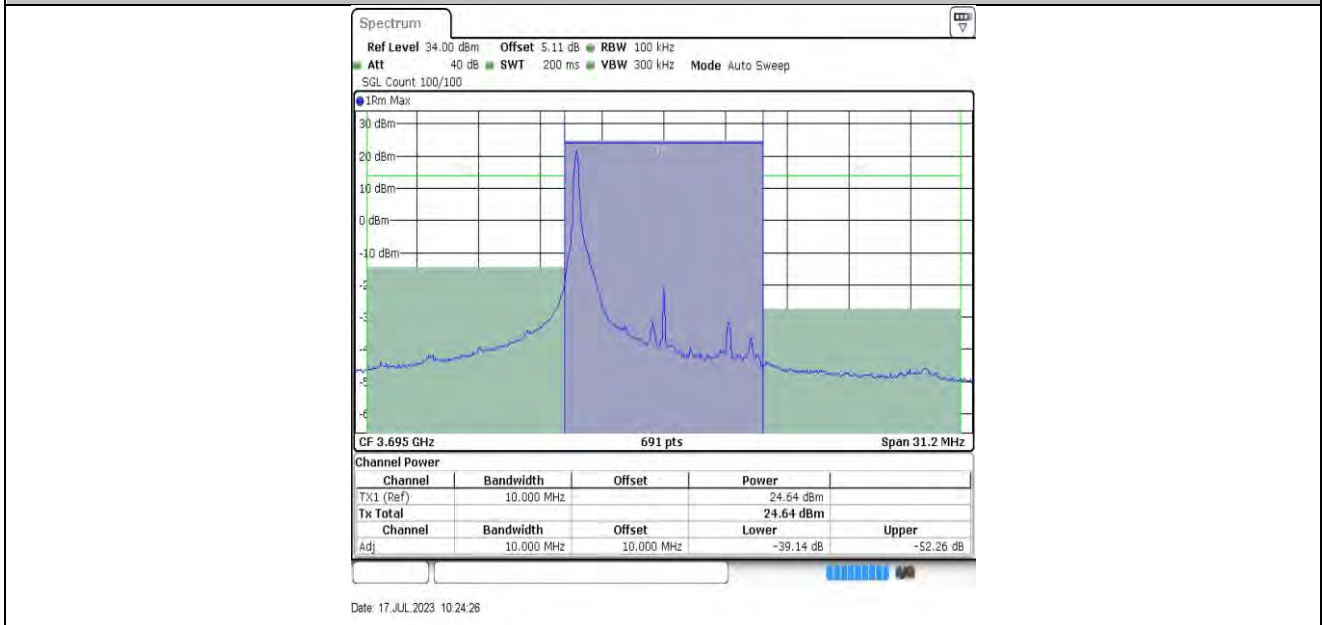
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### 10MHz-55990



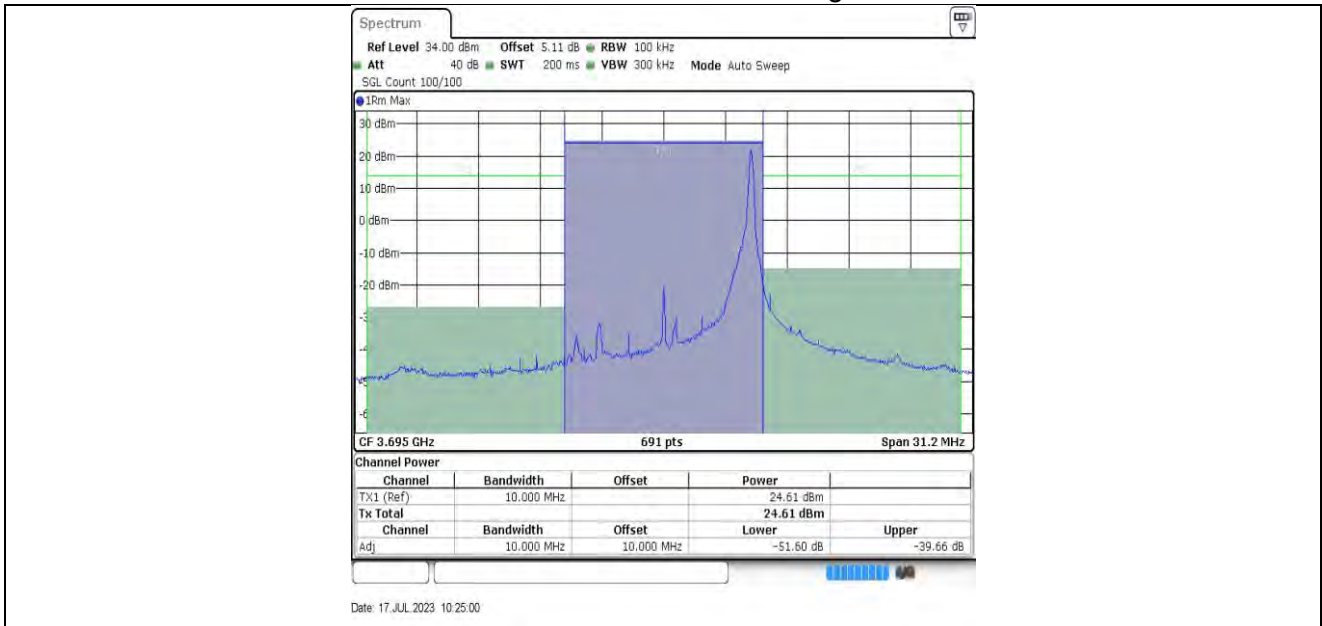
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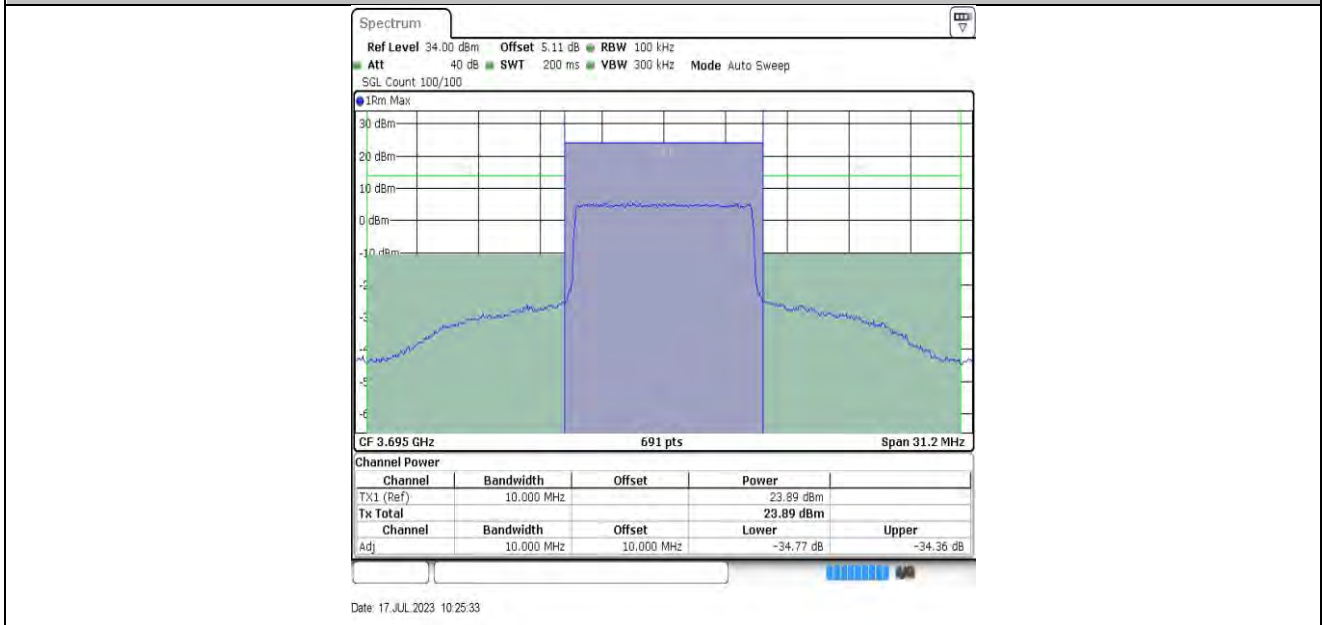
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10MHz-56690



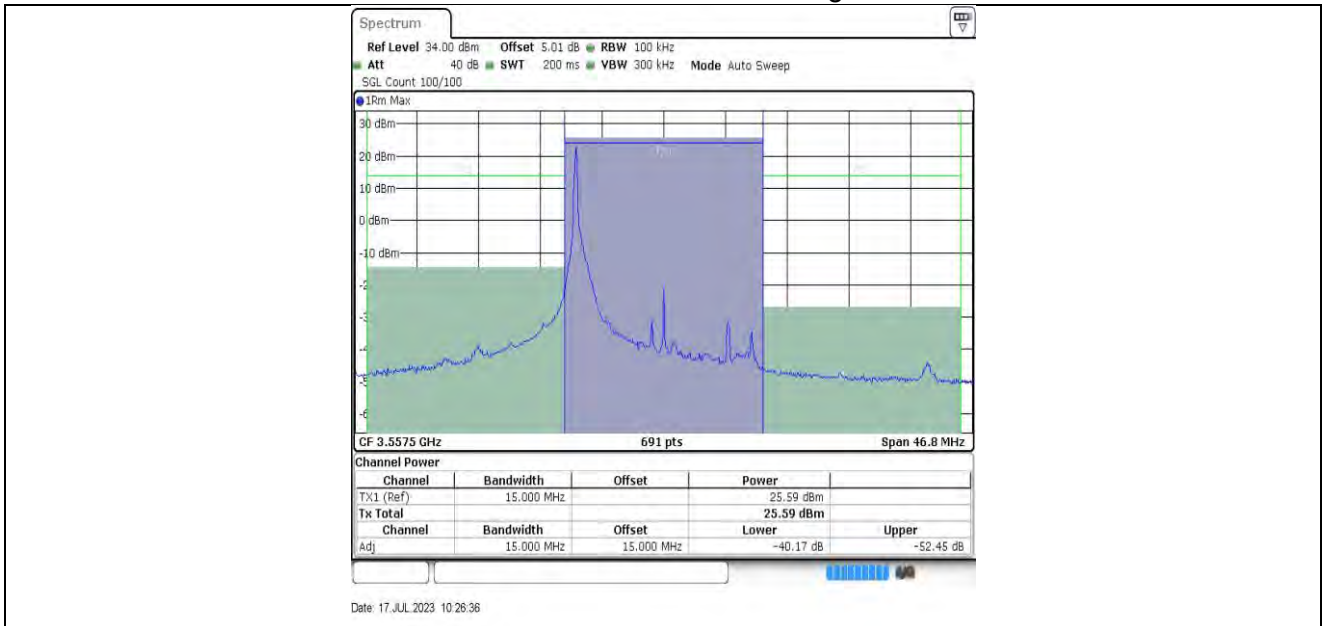
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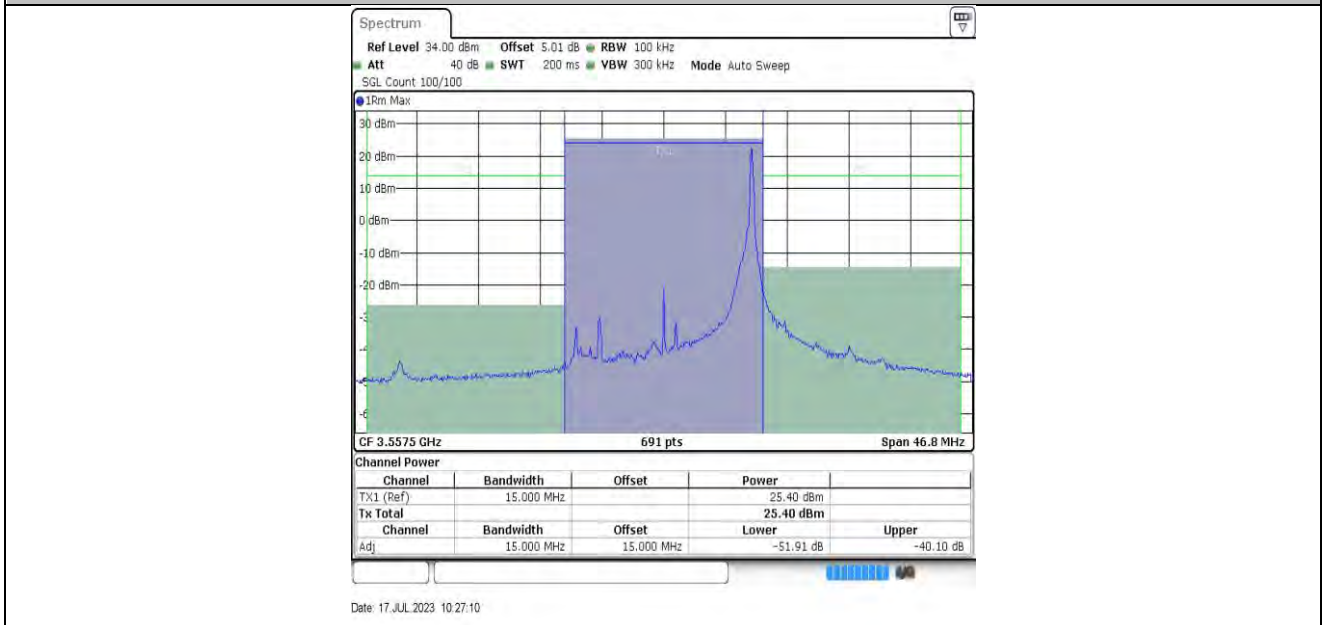
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15MHz-55315



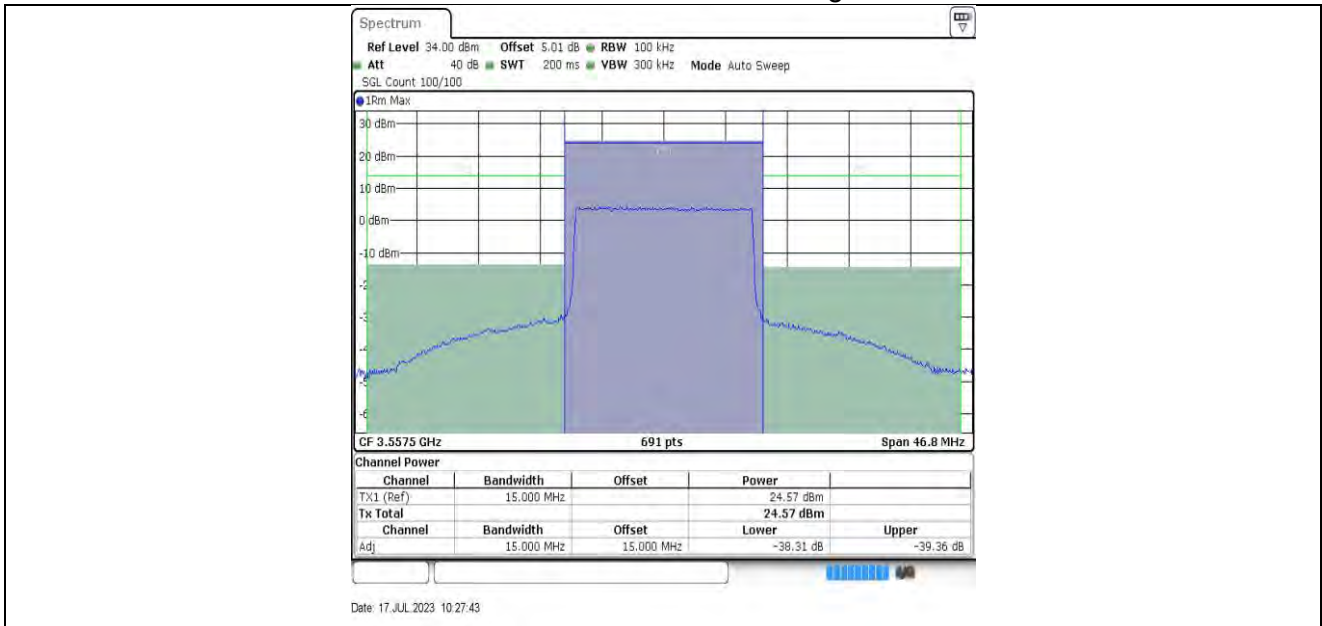
15MHz-55315



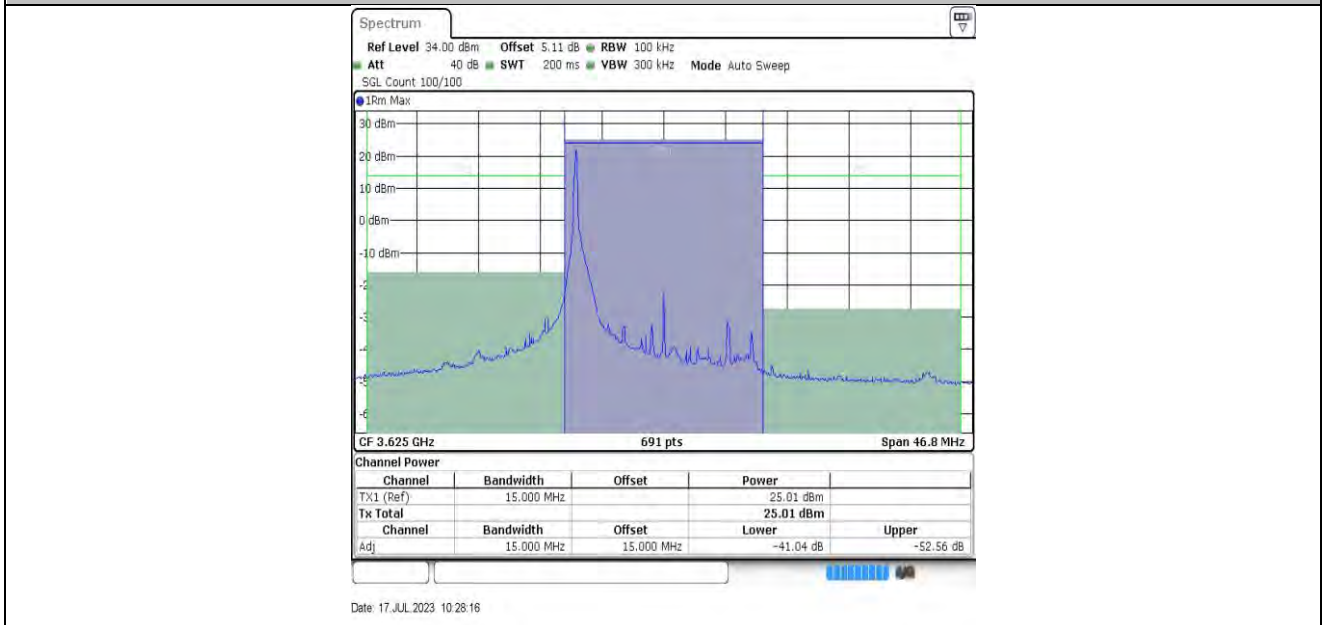
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### 15MHz-55315



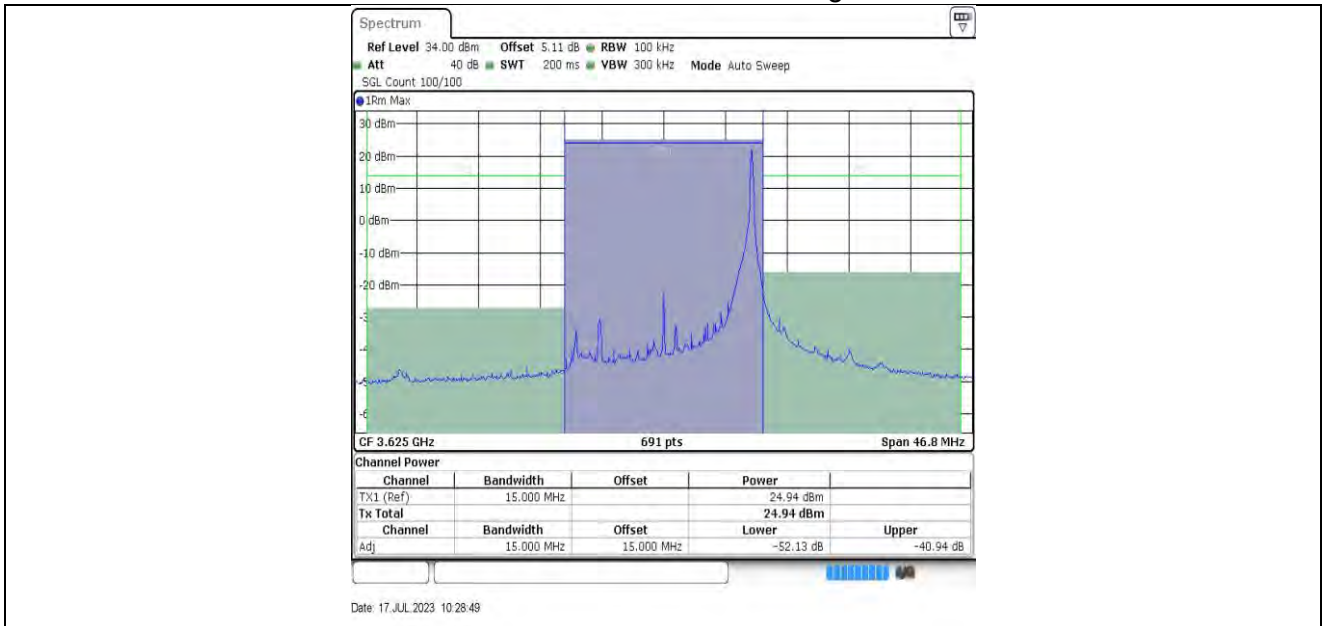
### 15MHz-55990



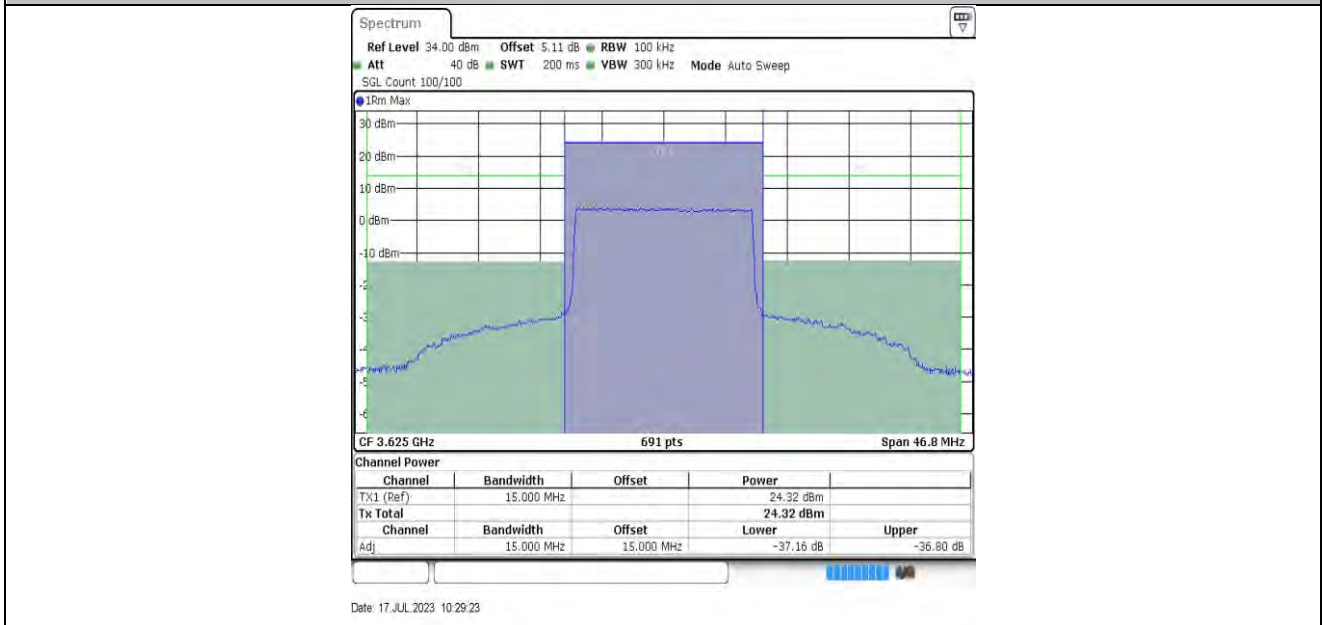
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15MHz-55990



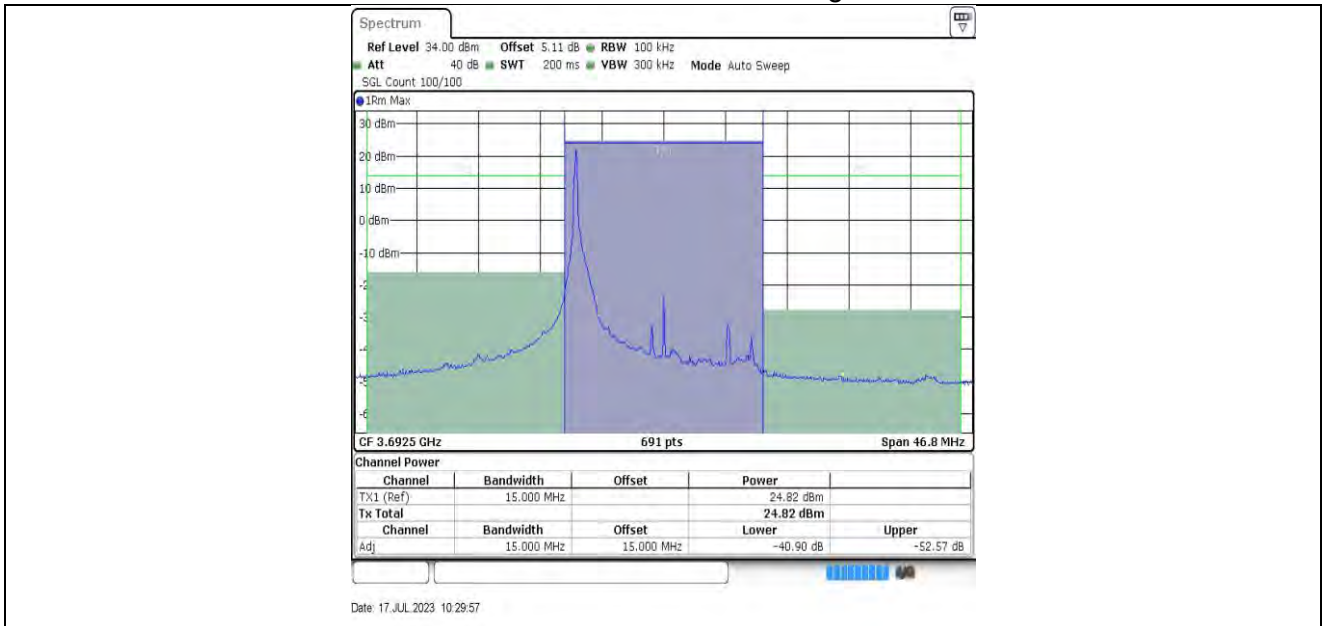
15MHz-55990



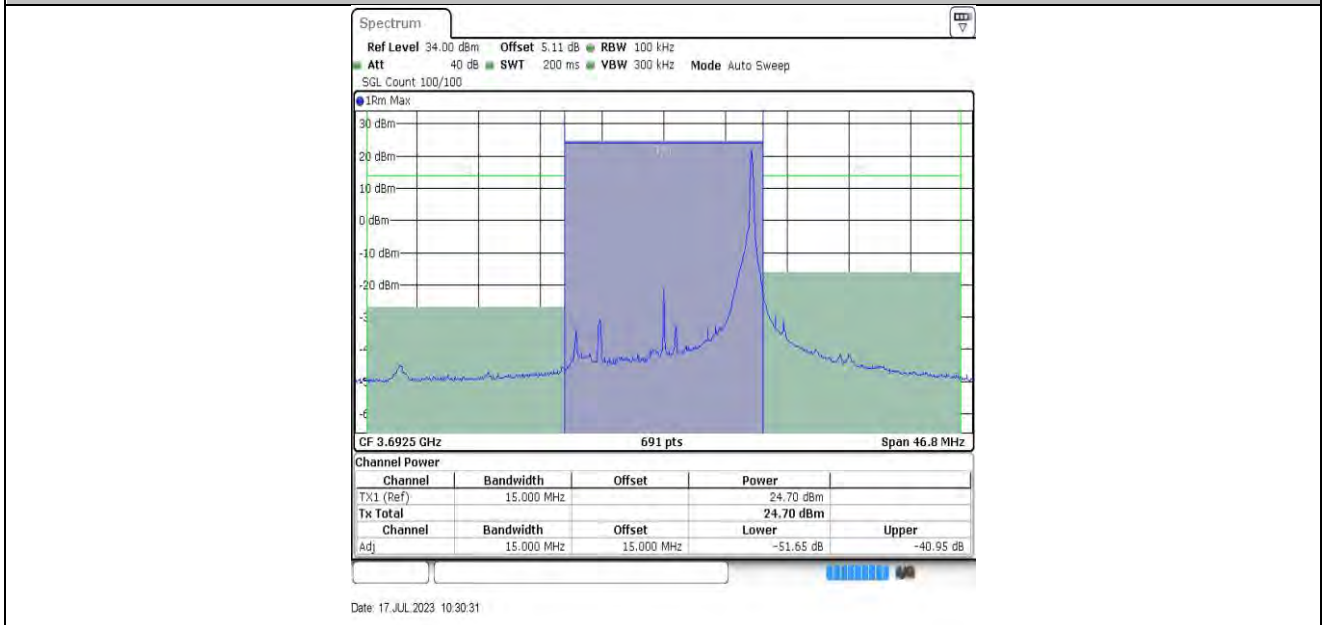
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15MHz-56665



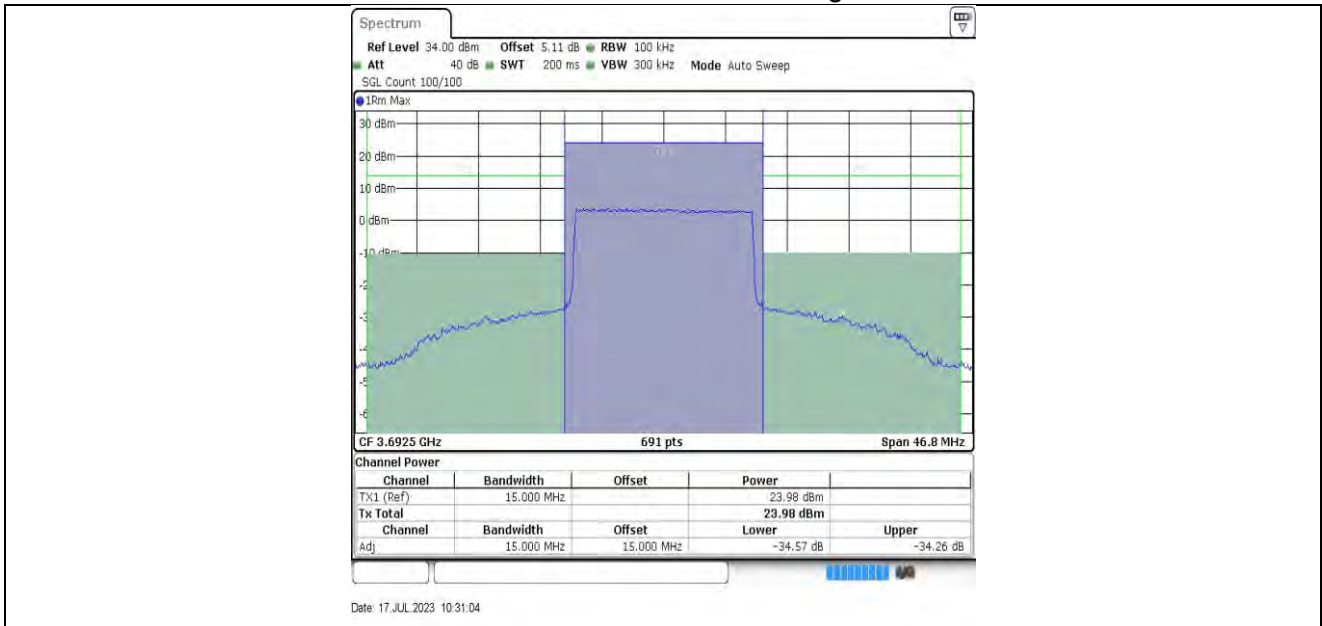
15MHz-56665



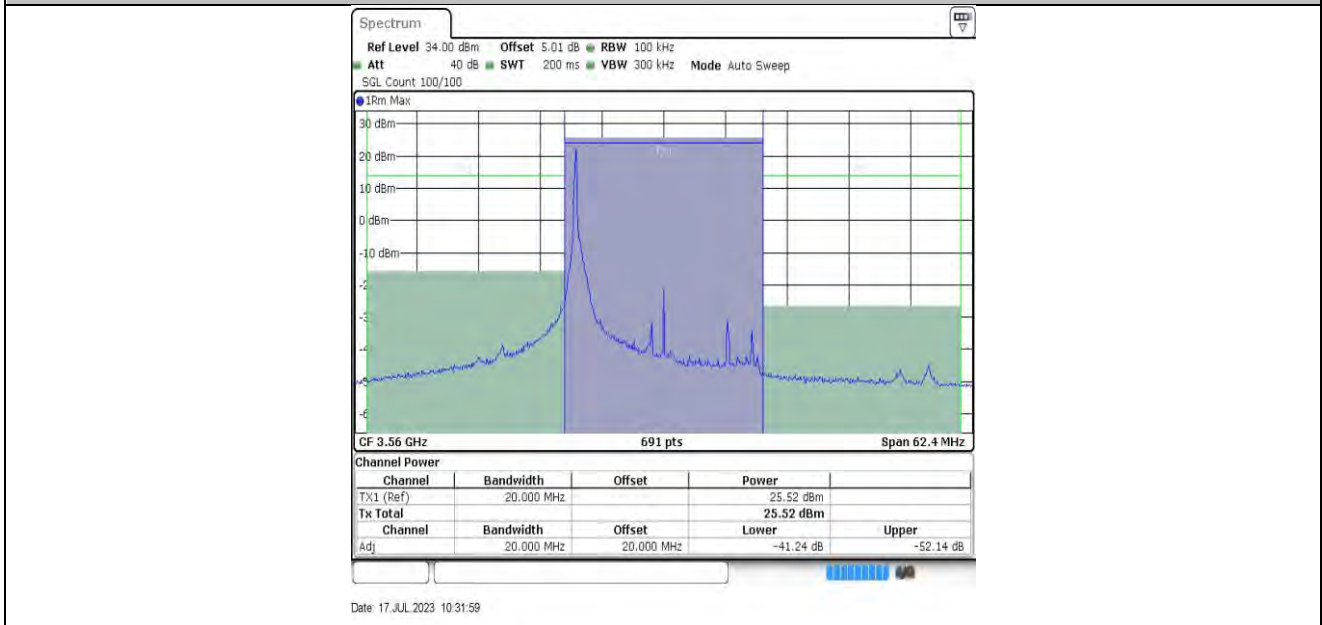
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### 15MHz-56665



### 20MHz-55340

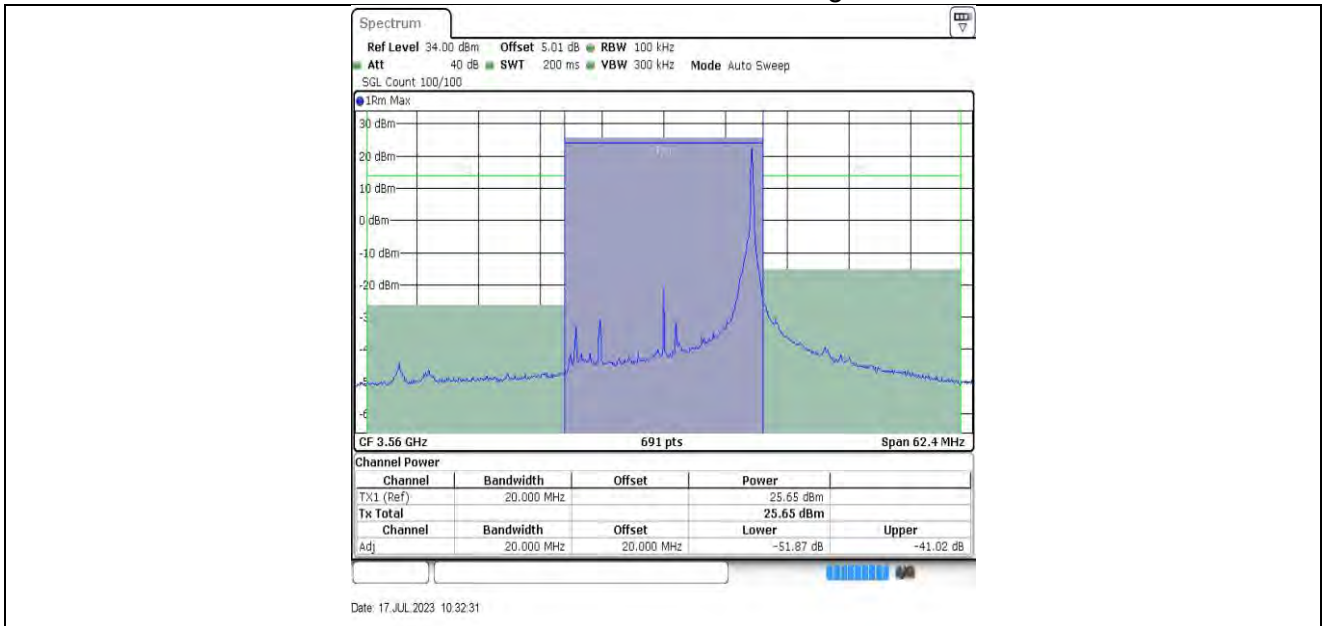


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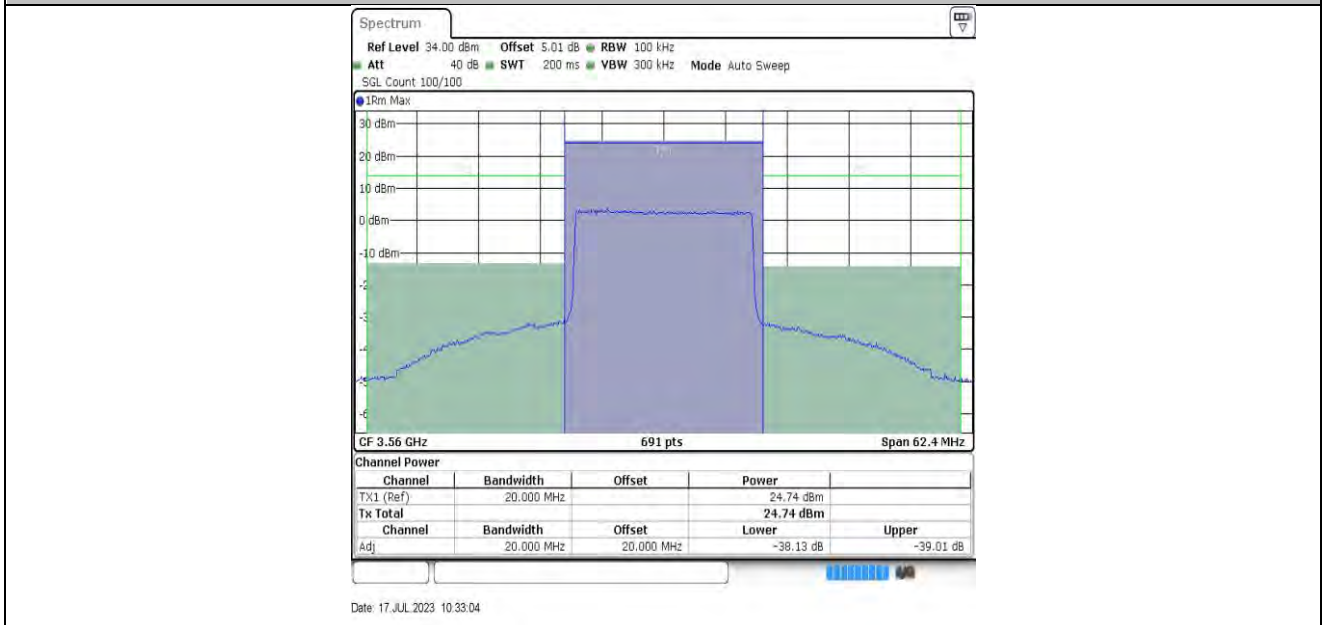
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20MHz-55340



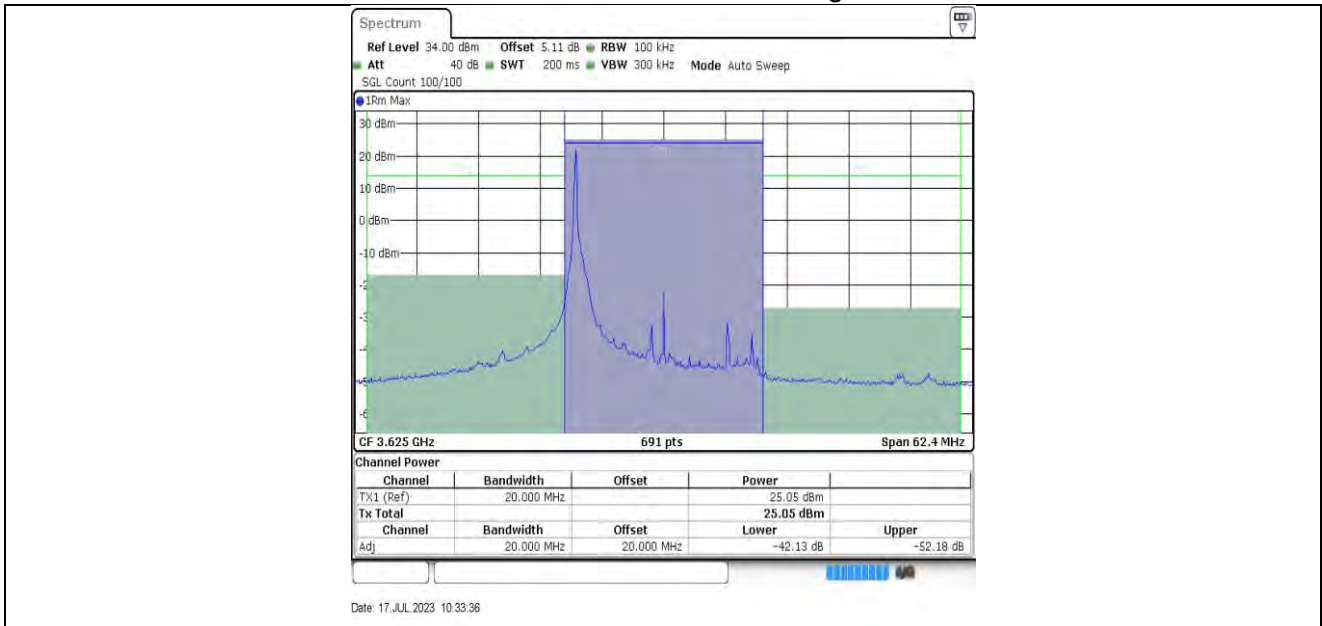
20MHz-55340



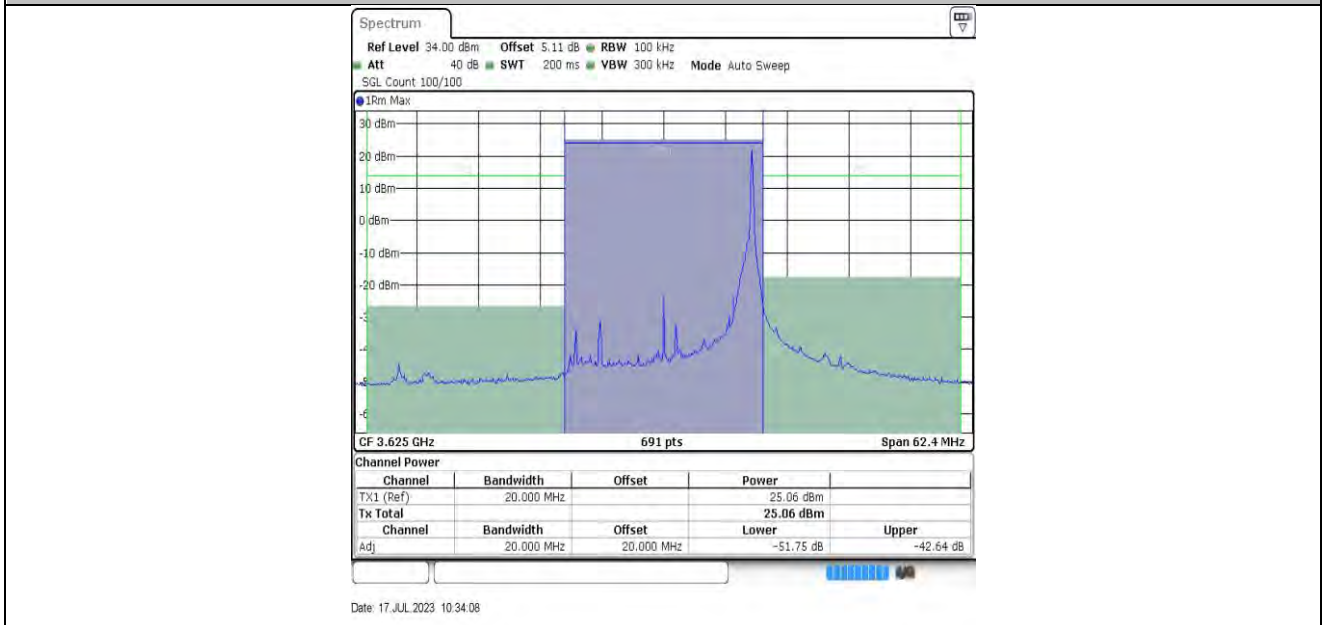
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20MHz-55990



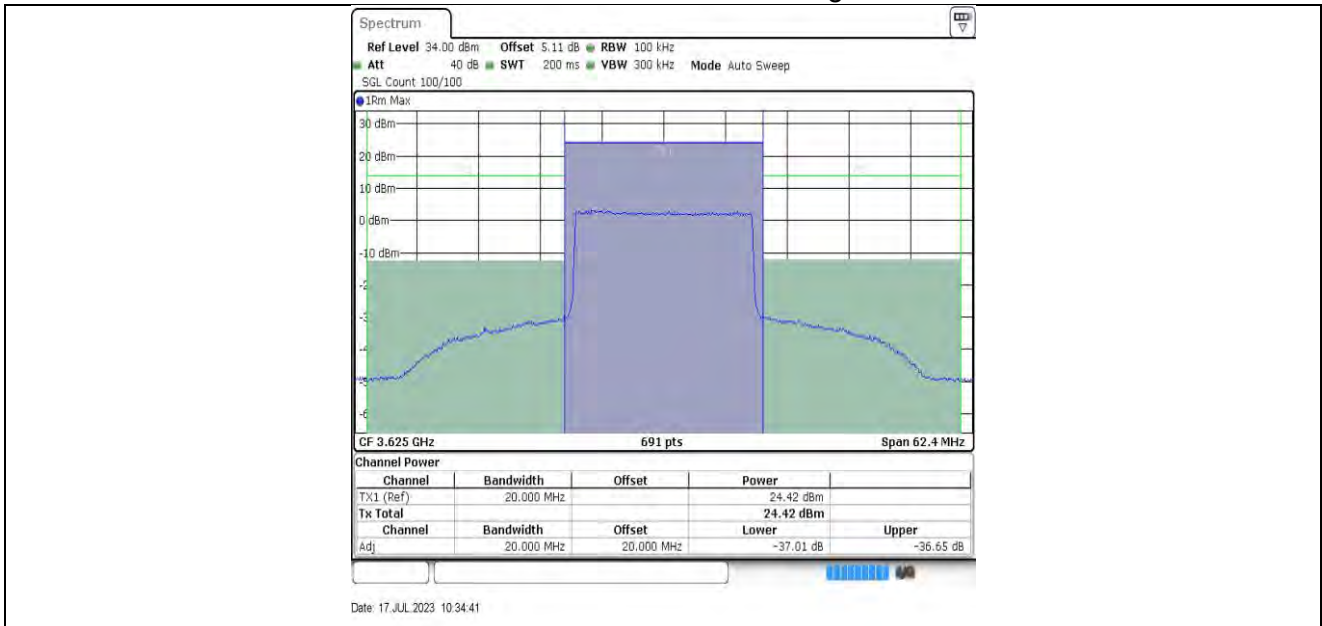
20MHz-55990



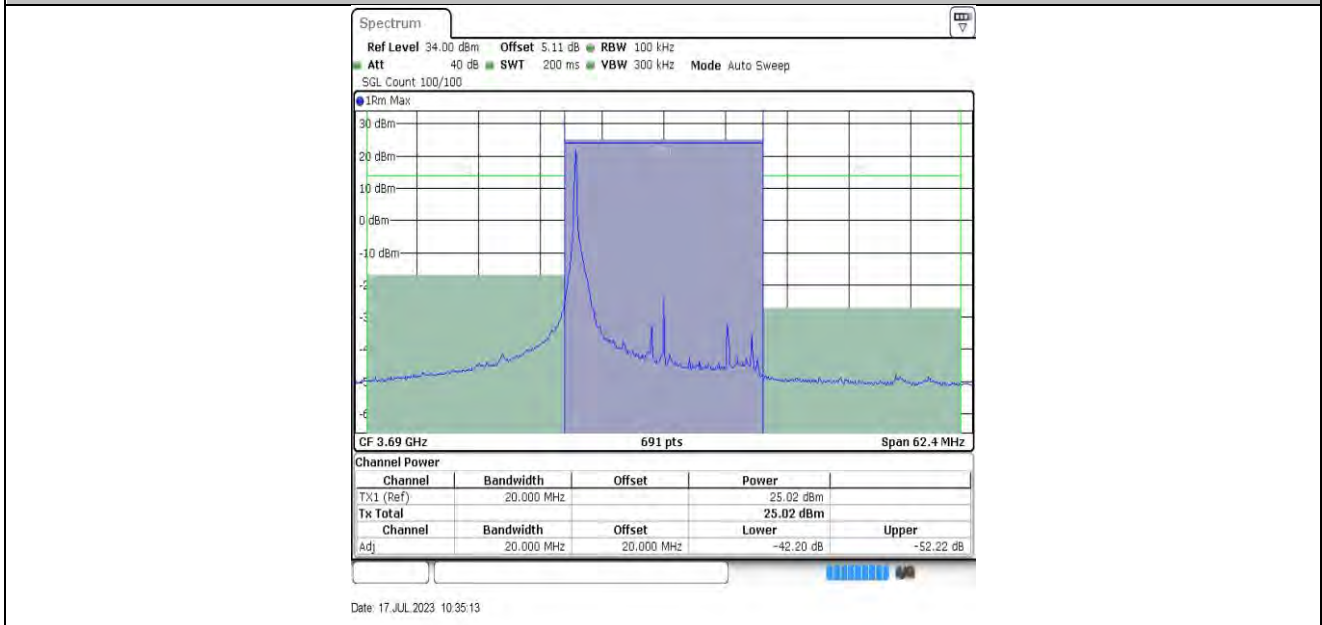
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20MHz-55990



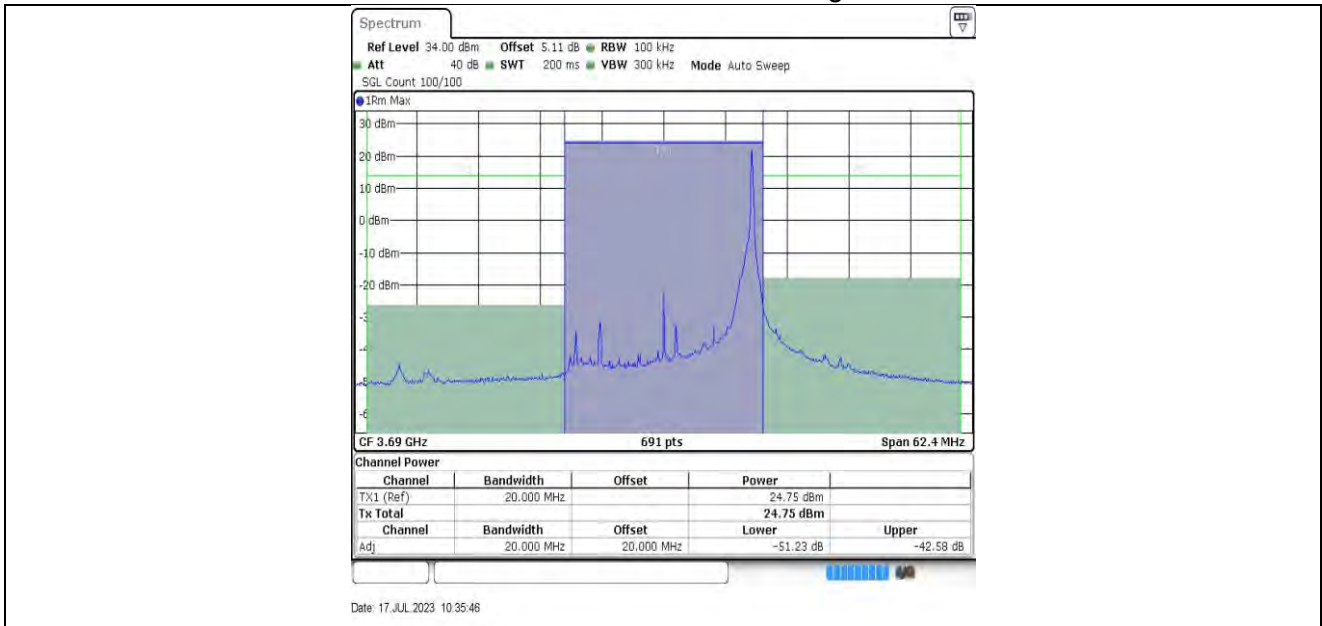
20MHz-56640



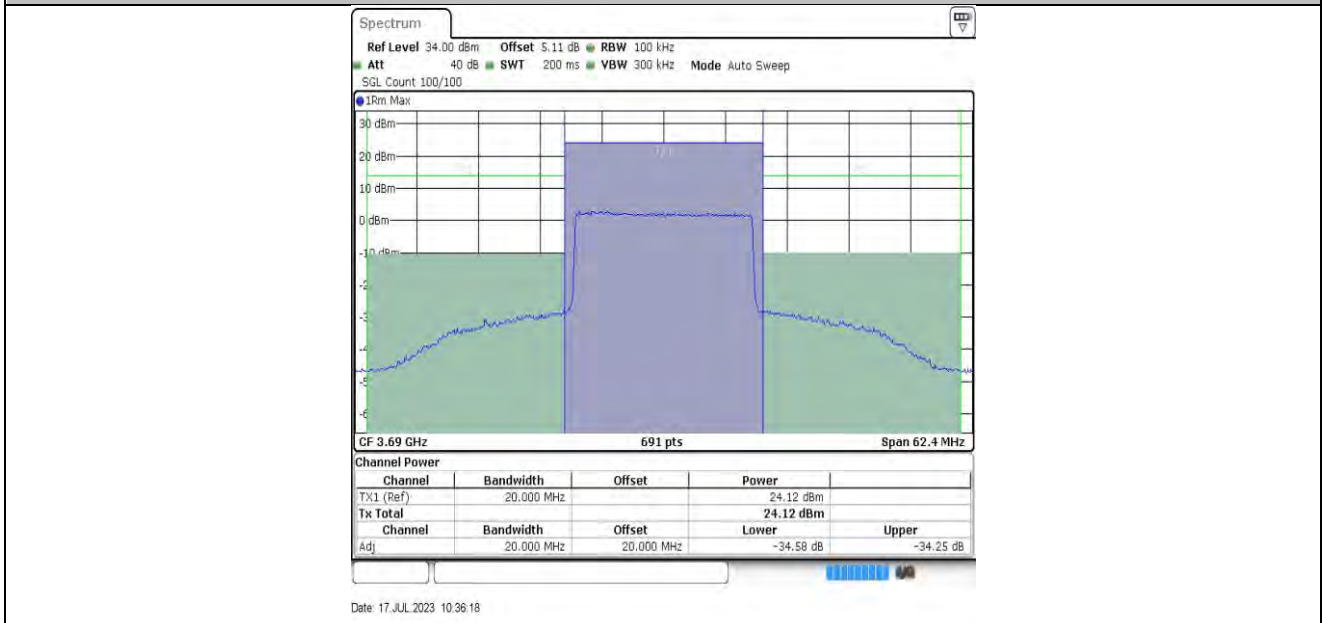
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20MHz-56640



20MHz-56640



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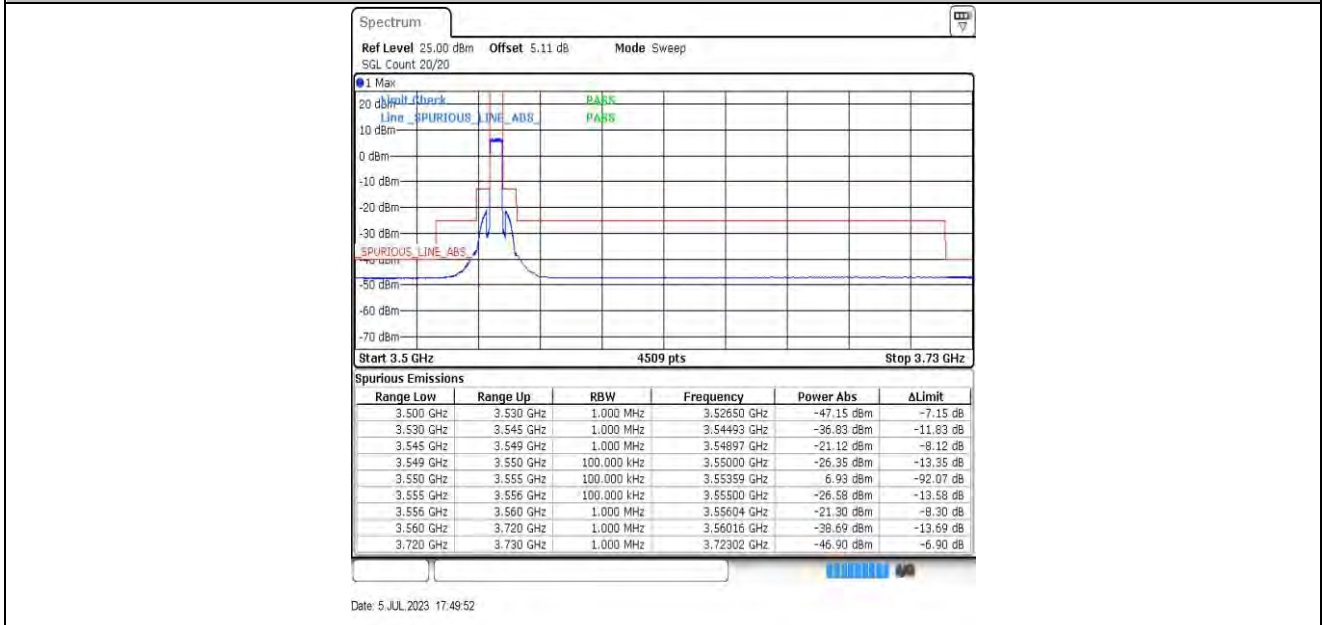
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### Band Edge

### Test Graphs



5MHz-55265

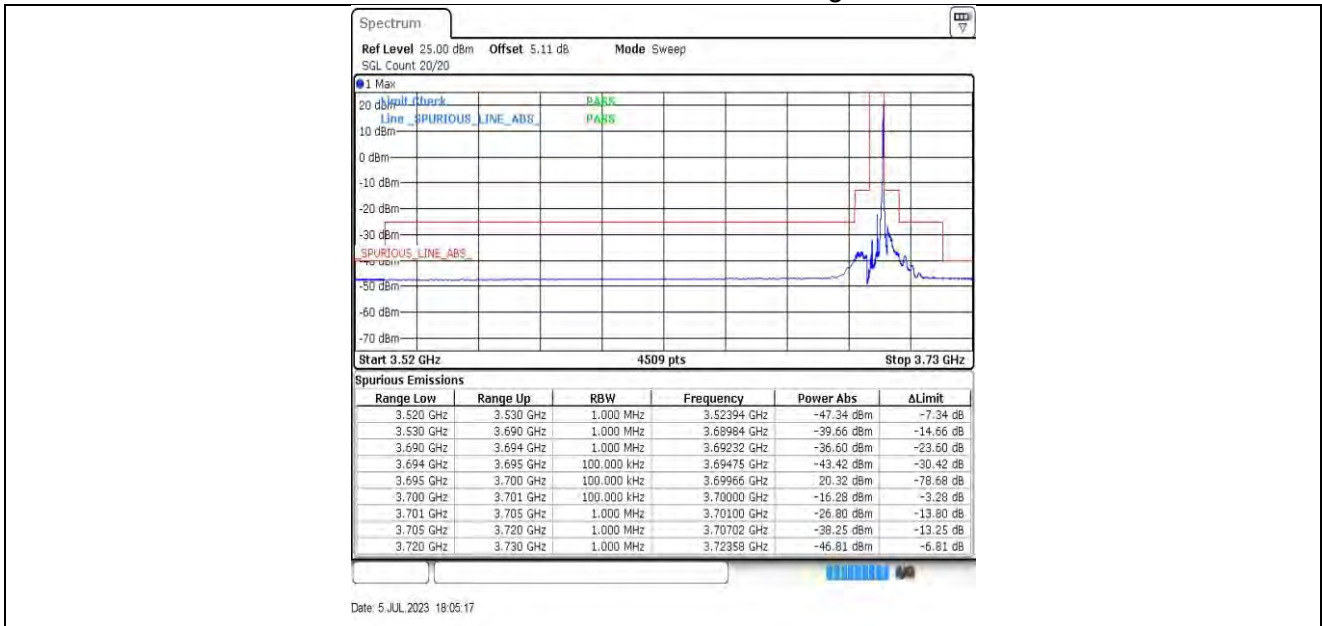


5MHz-55265

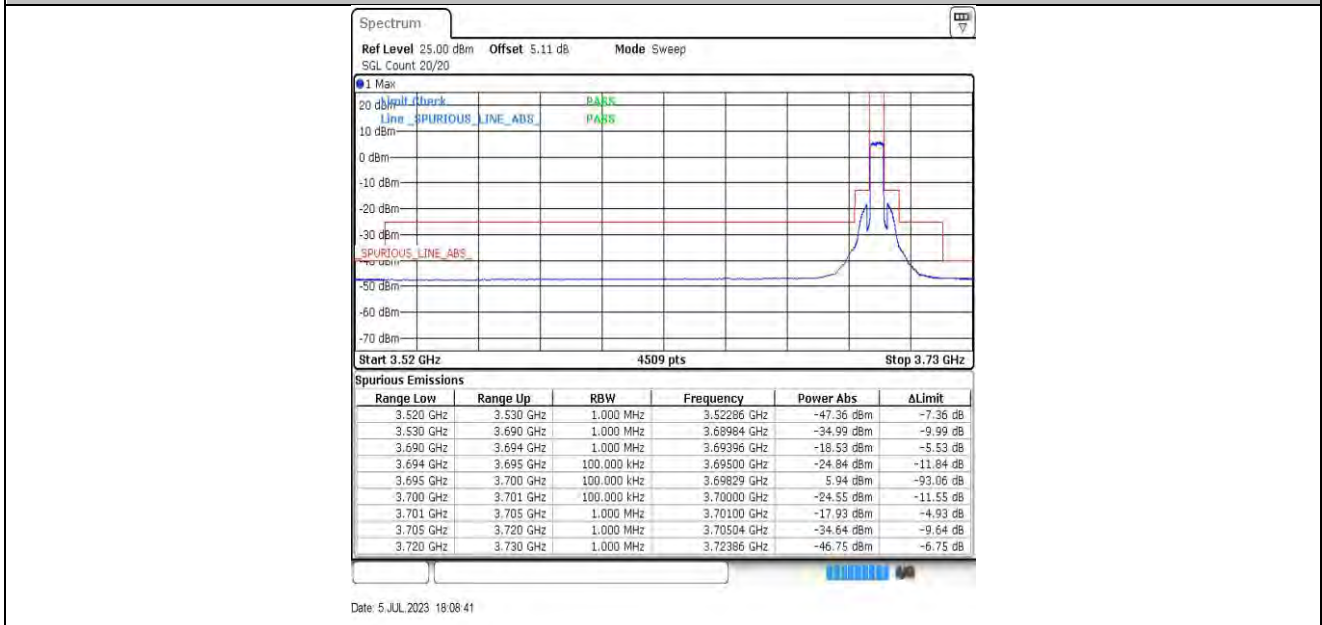


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5MHz-56715



5MHz-56715

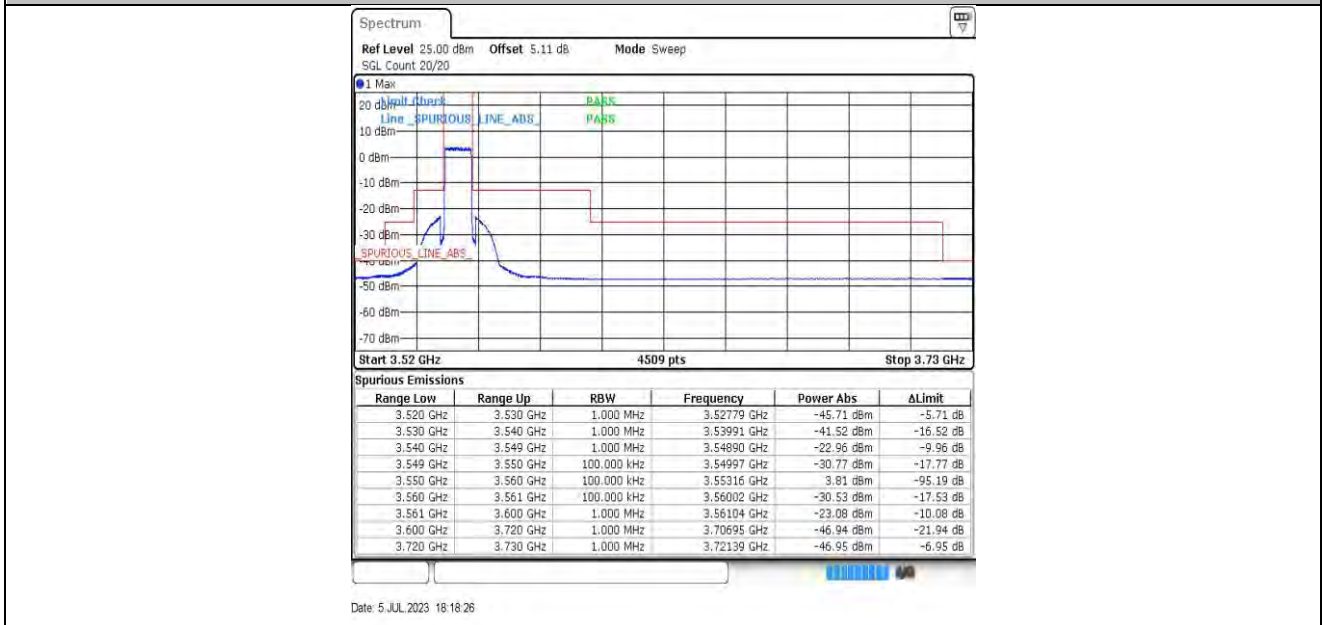


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10MHz-55290

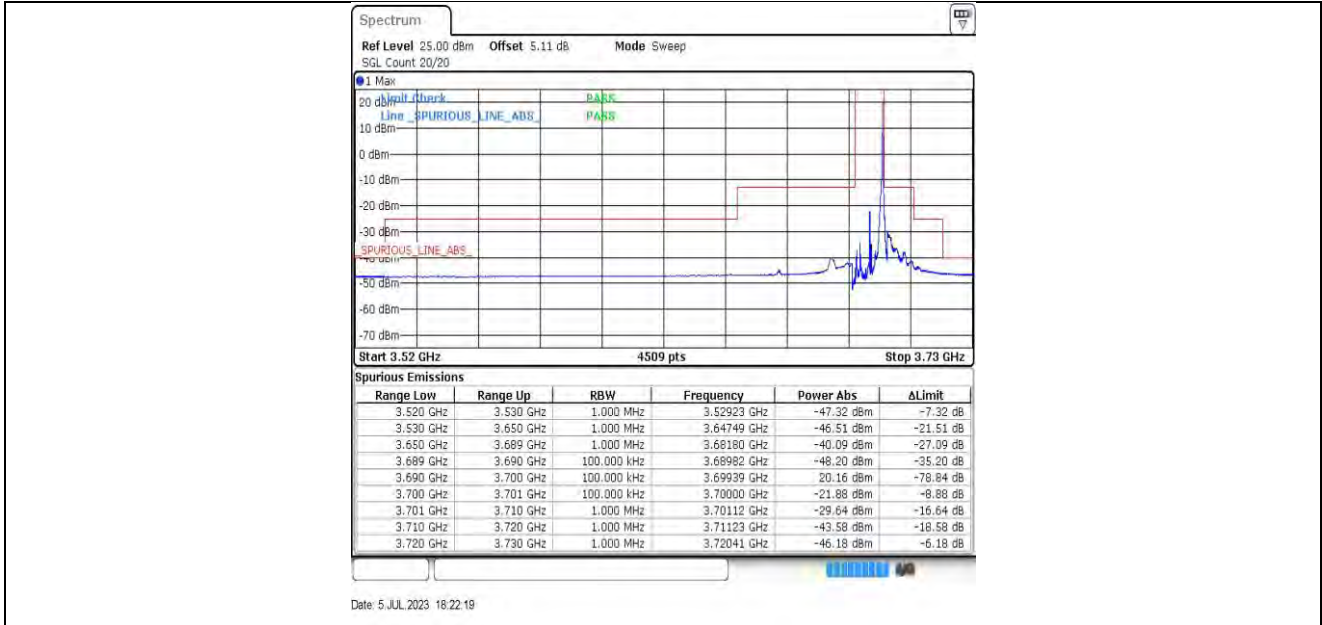


10MHz-55290

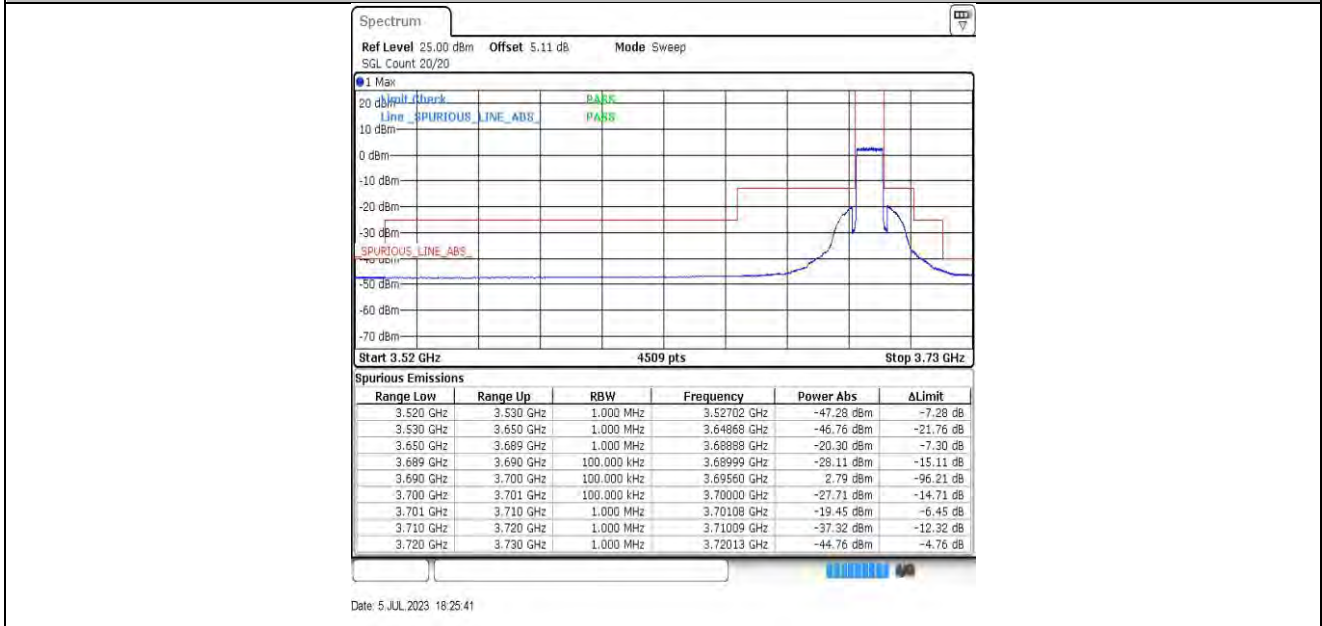


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10MHz-56690



10MHz-56690

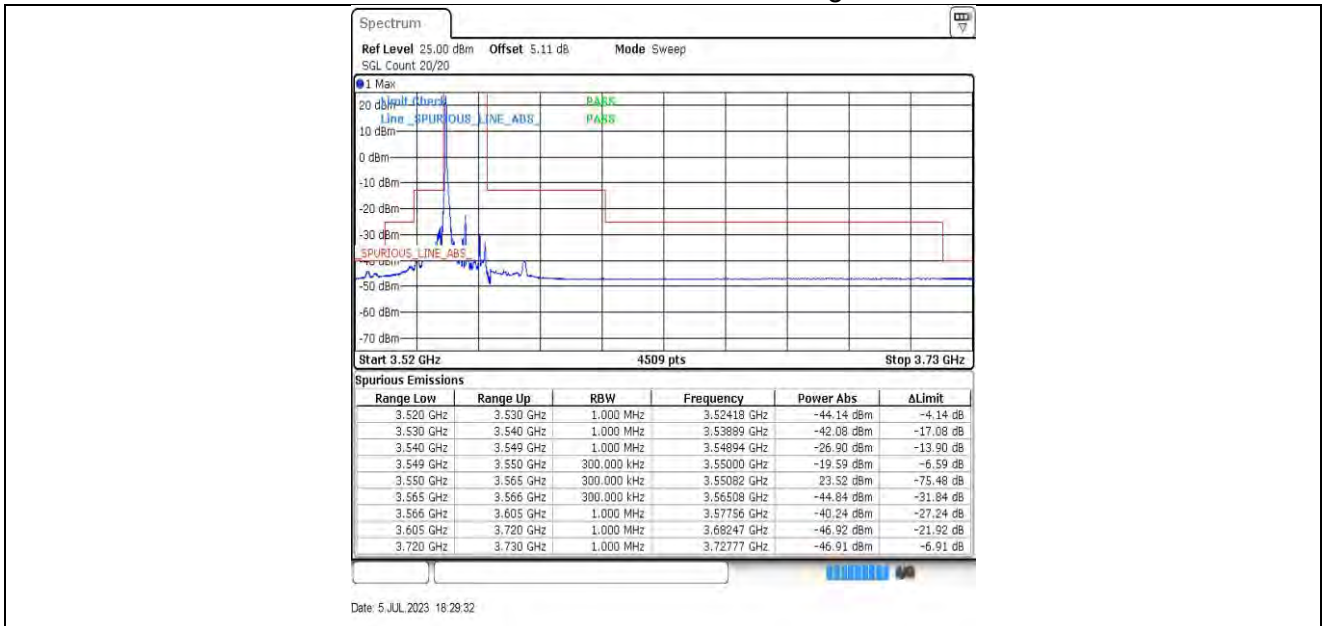


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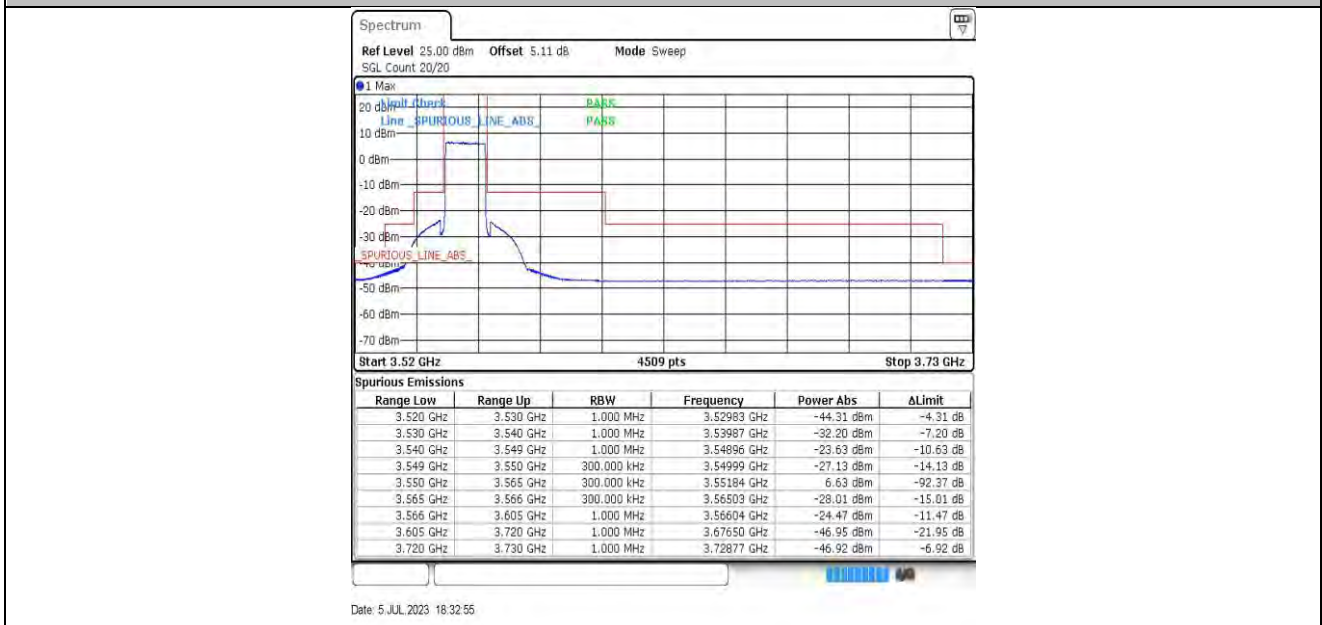
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15MHz-55315



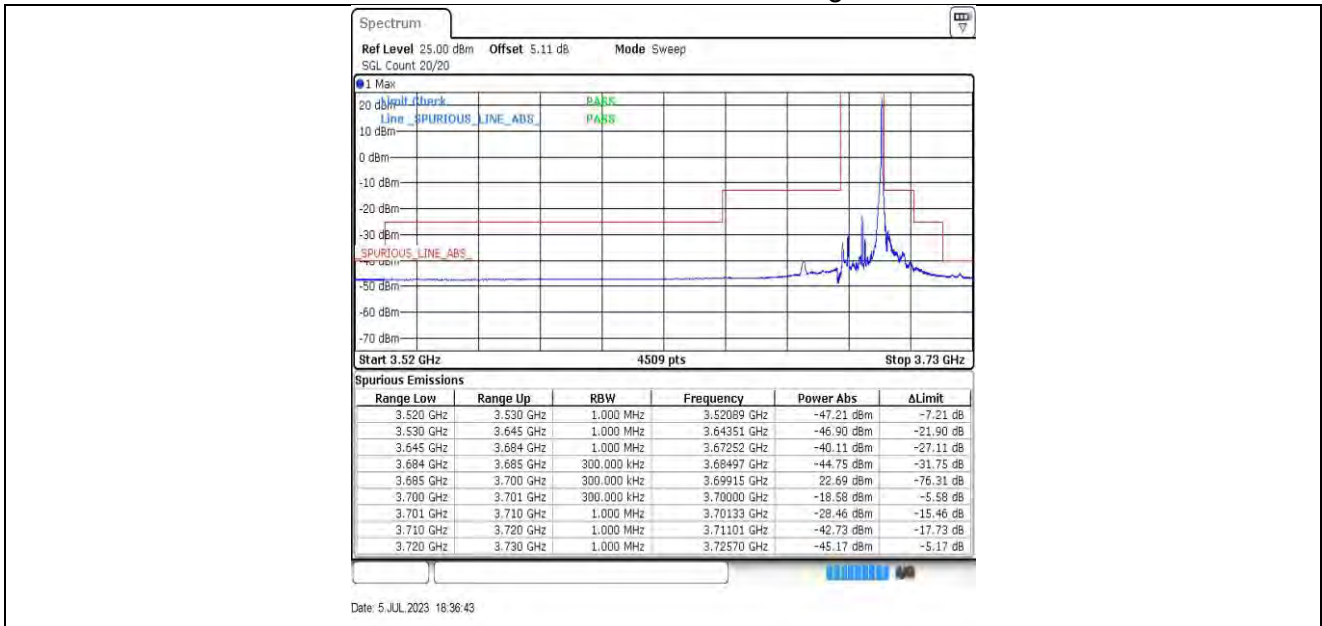
15MHz-55315



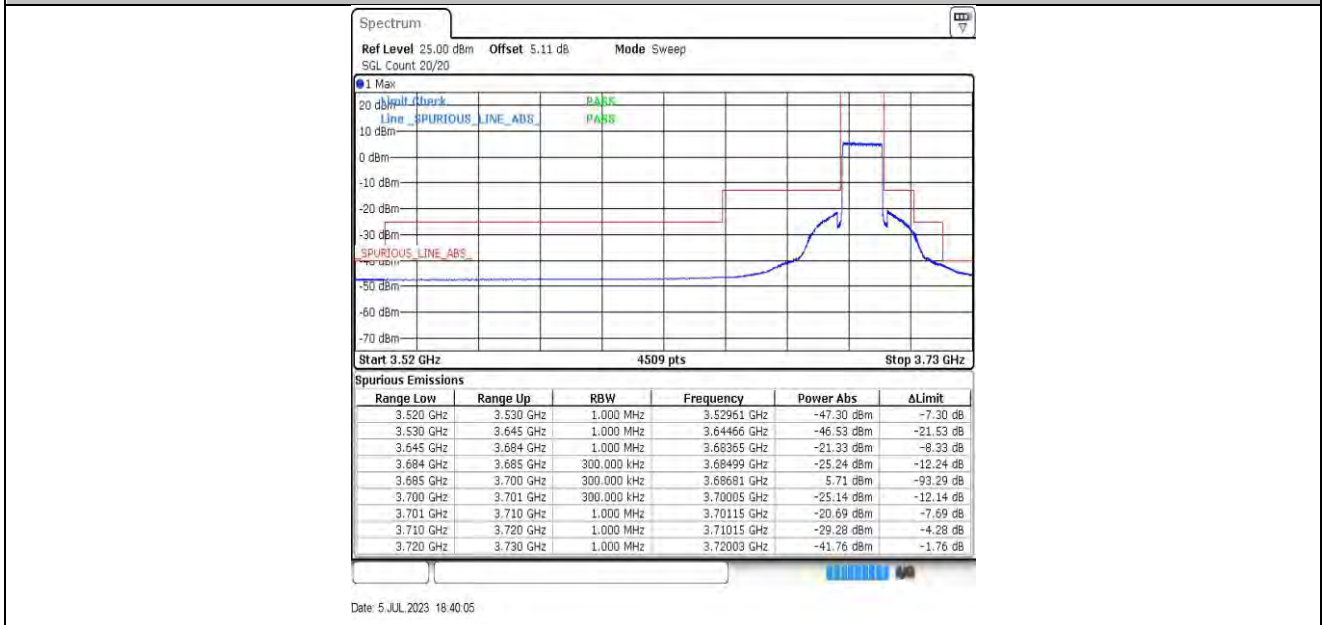
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### 15MHz-56665



### 15MHz-56665



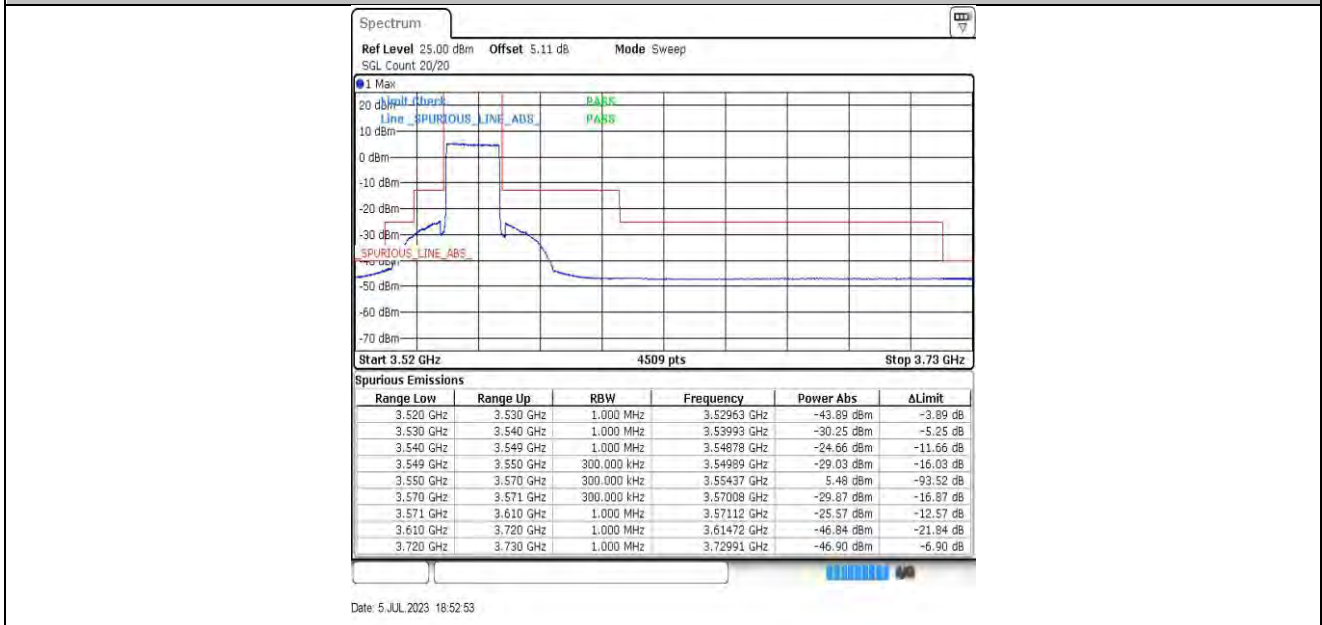
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### 20MHz-55340



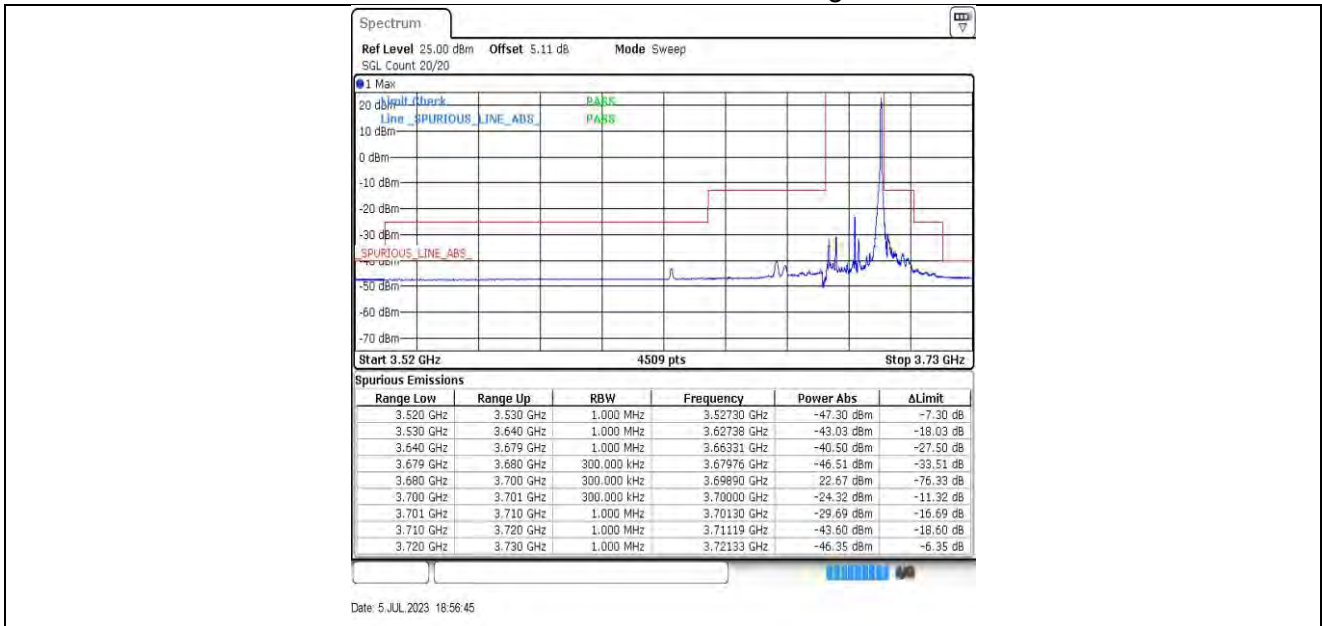
### 20MHz-55340



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### 20MHz-56640



### 20MHz-56640



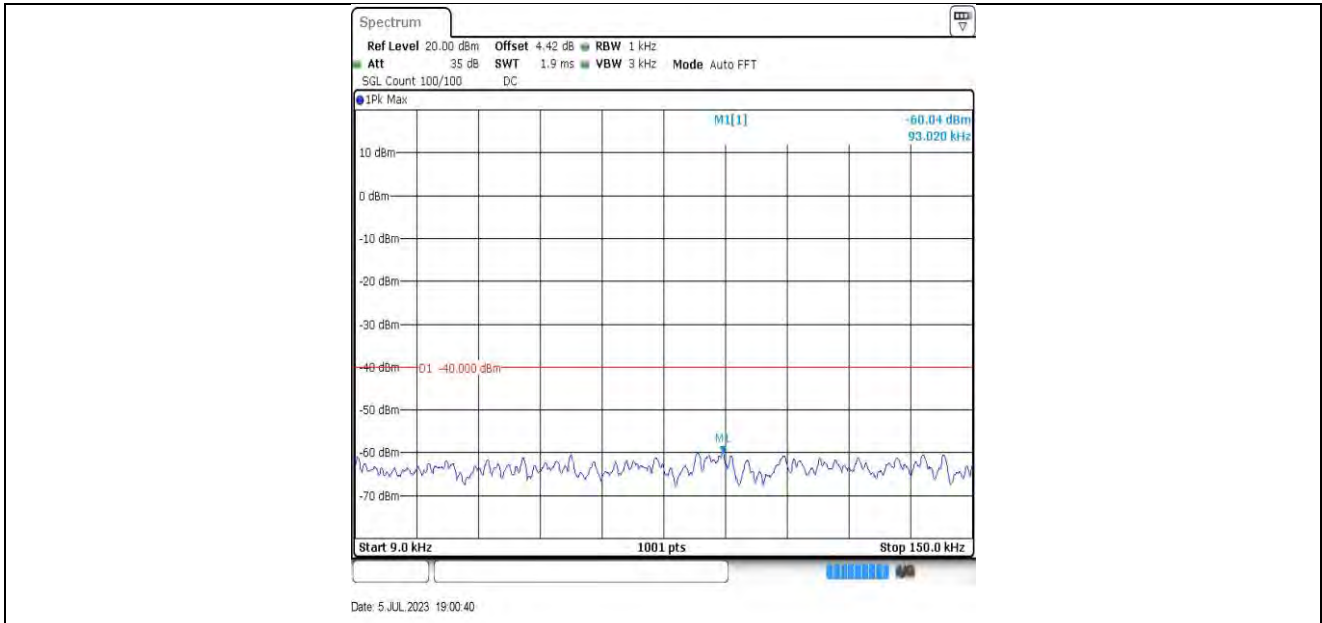
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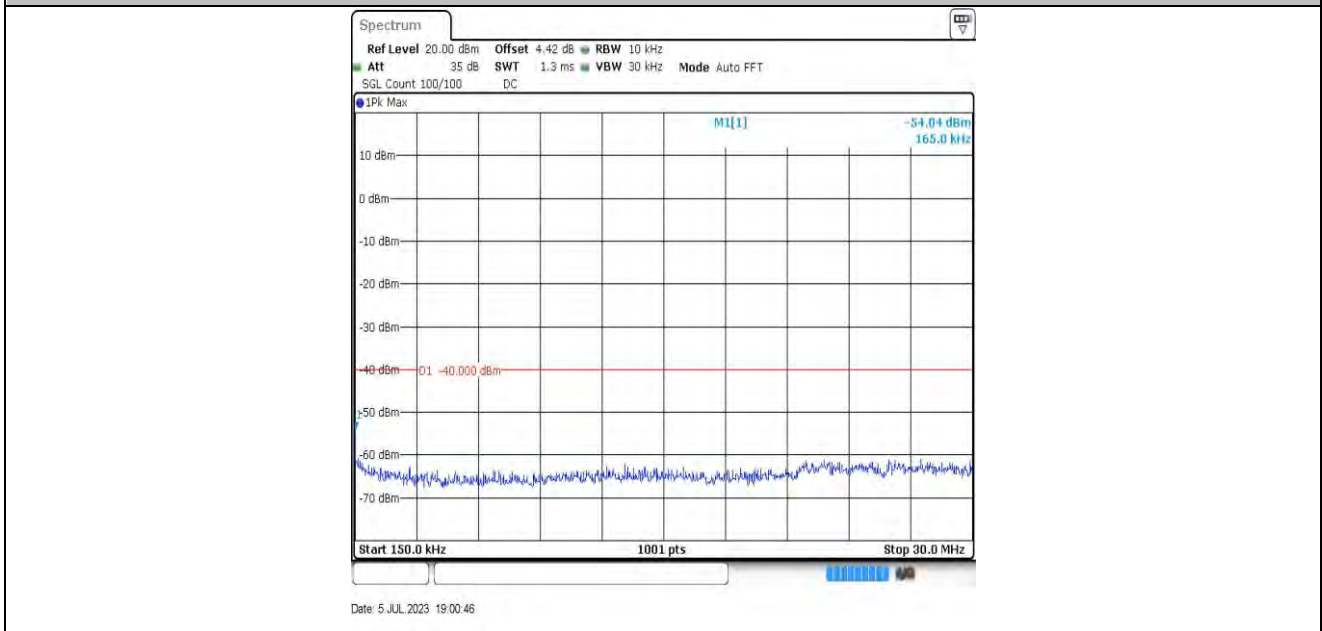
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### Conducted Spurious Emission

#### Test Graphs



20MHz-55340



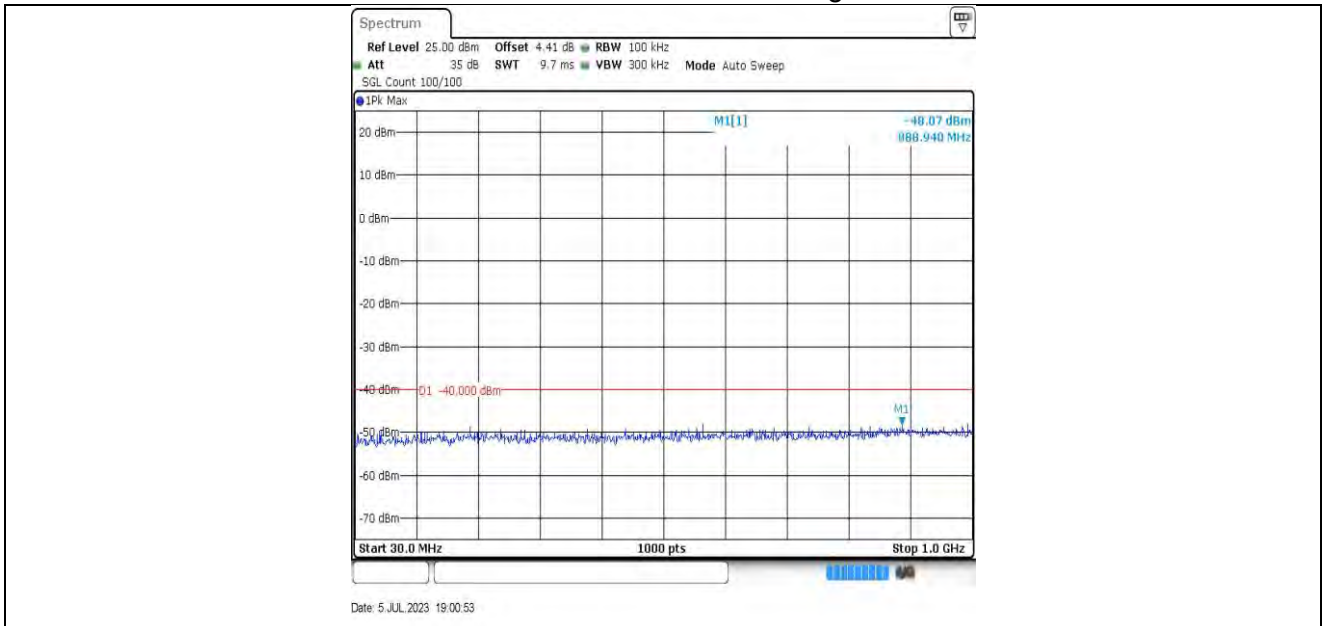
20MHz-55340



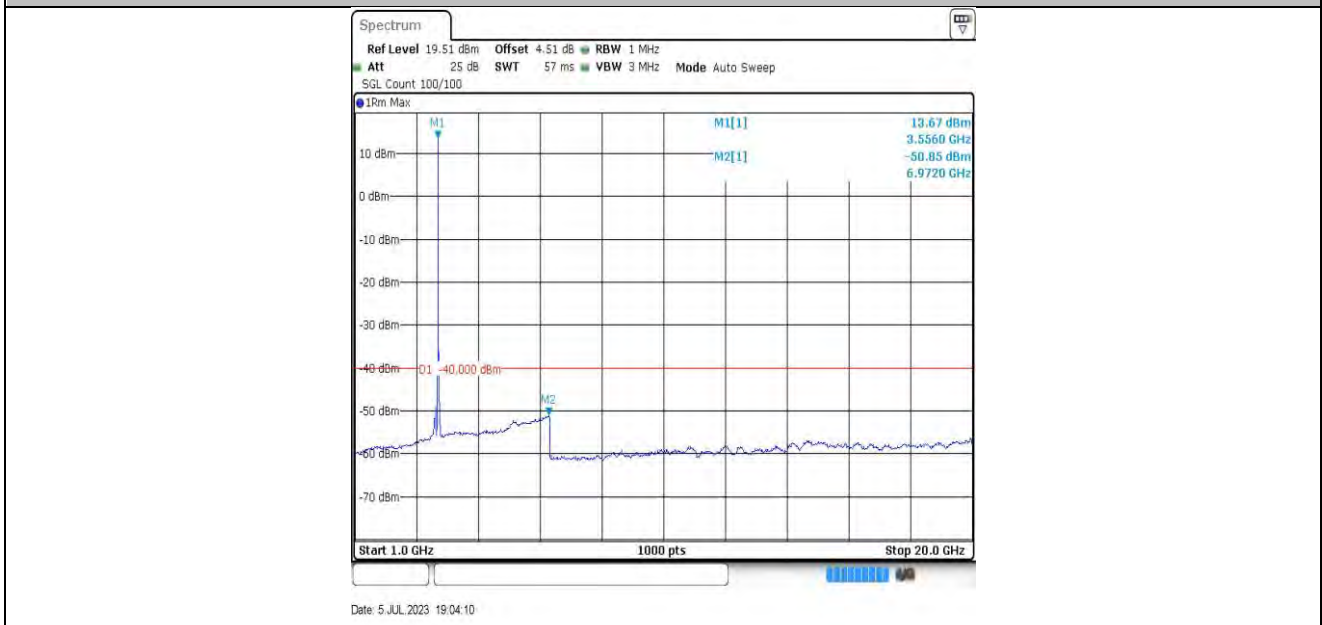
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20MHz-55340



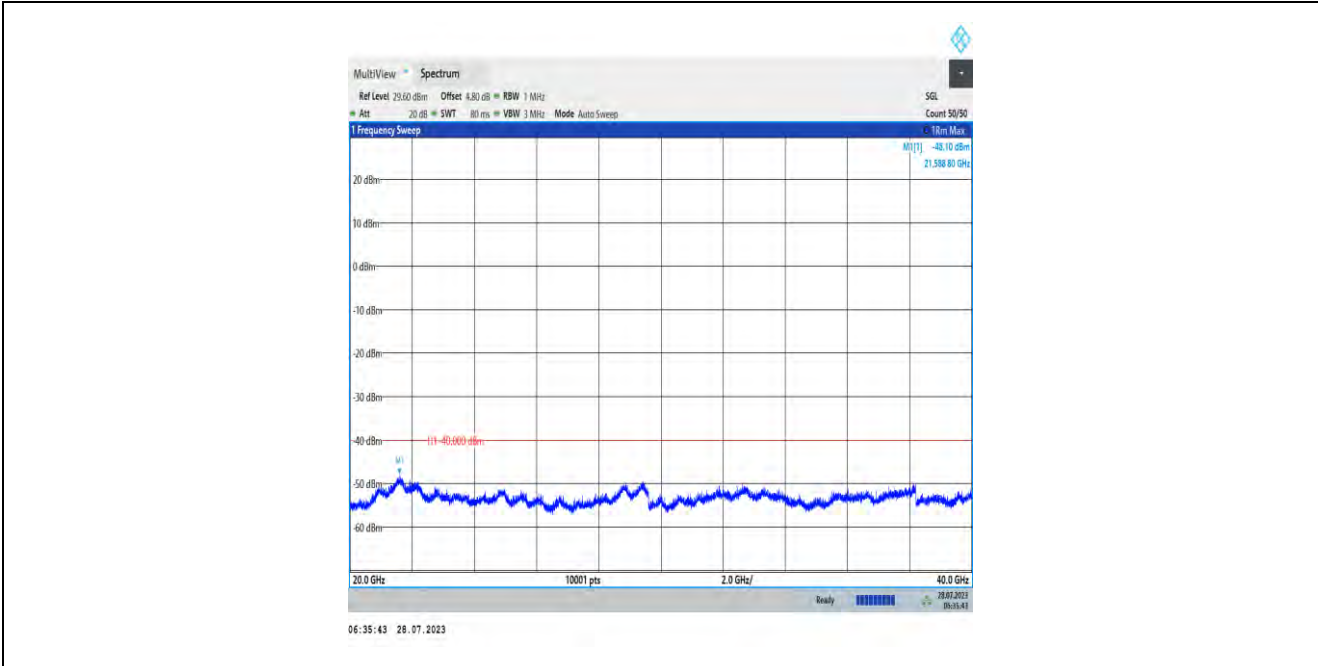
20MHz-55340



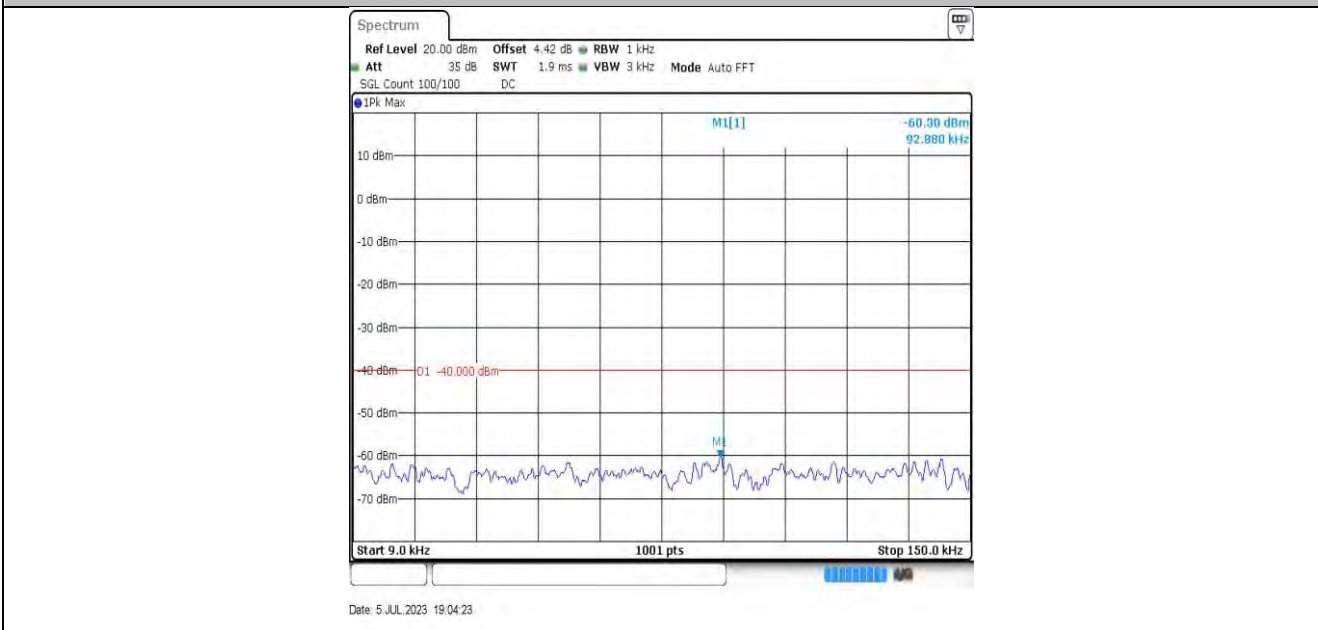
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20MHz-55340



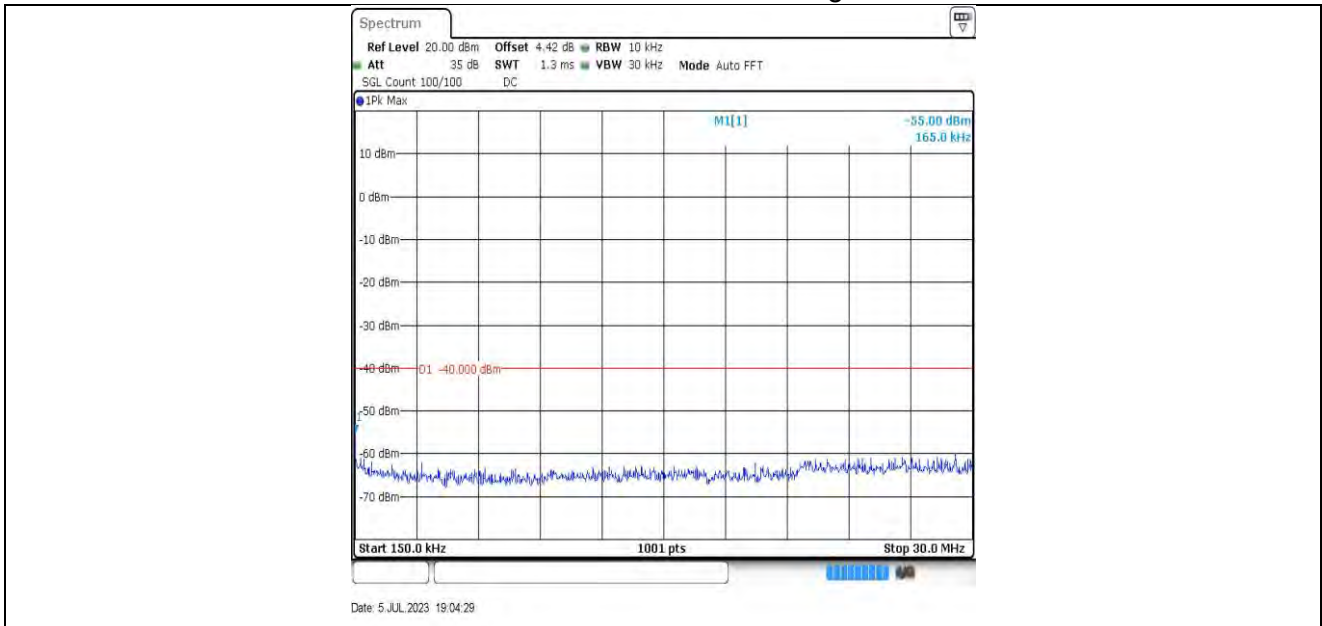
20MHz-55990



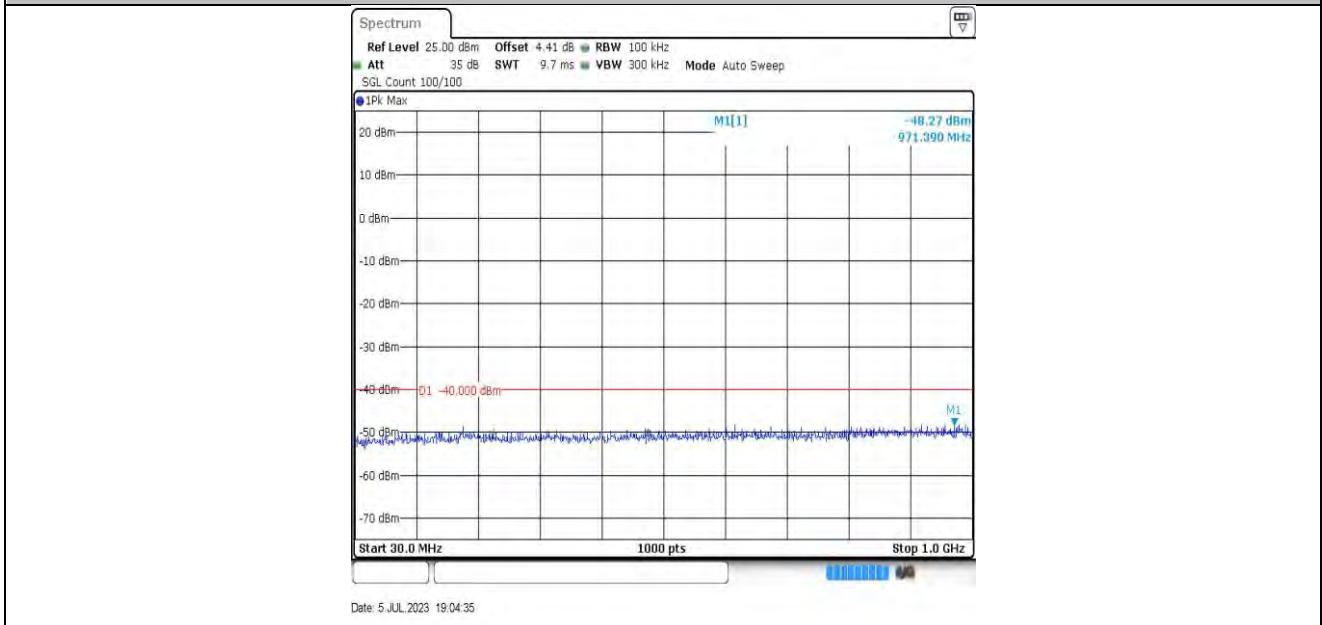
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20MHz-55990



20MHz-55990

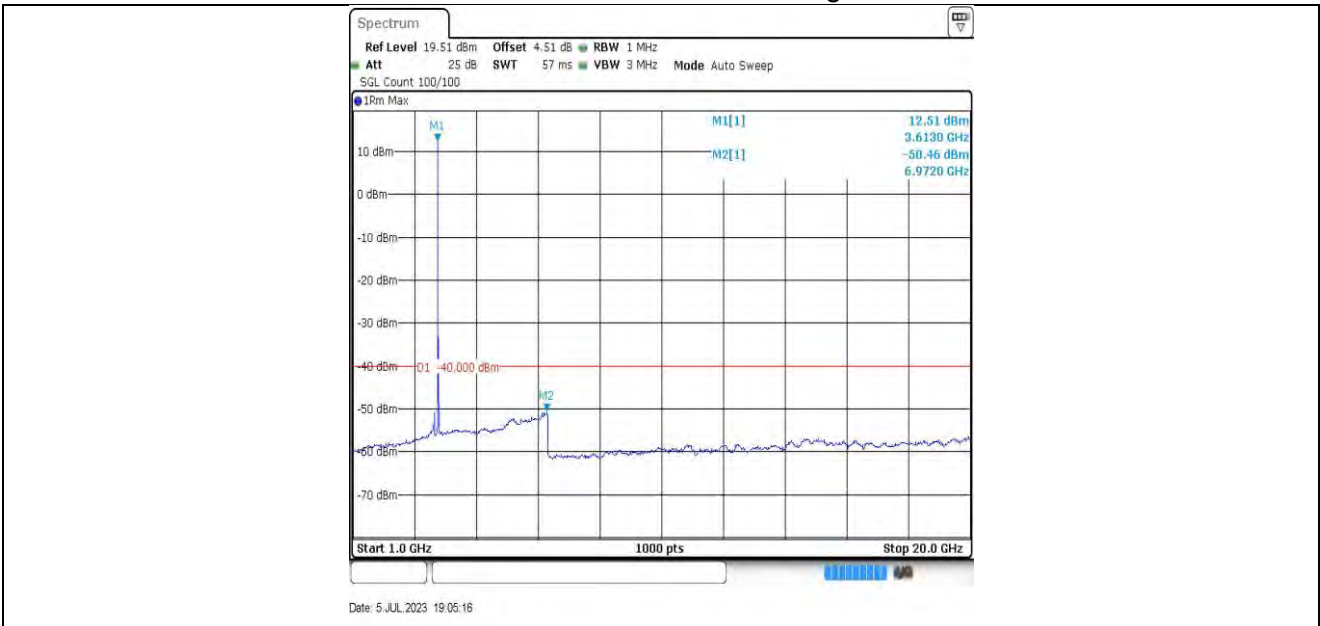


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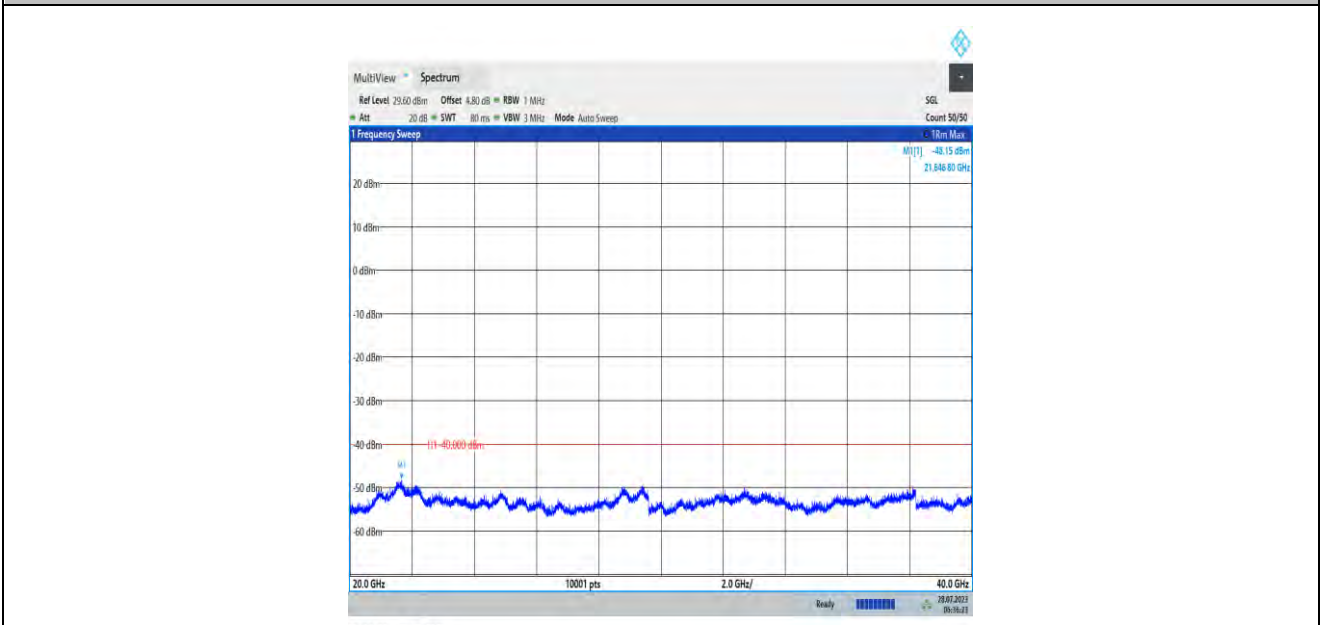
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20MHz-55990



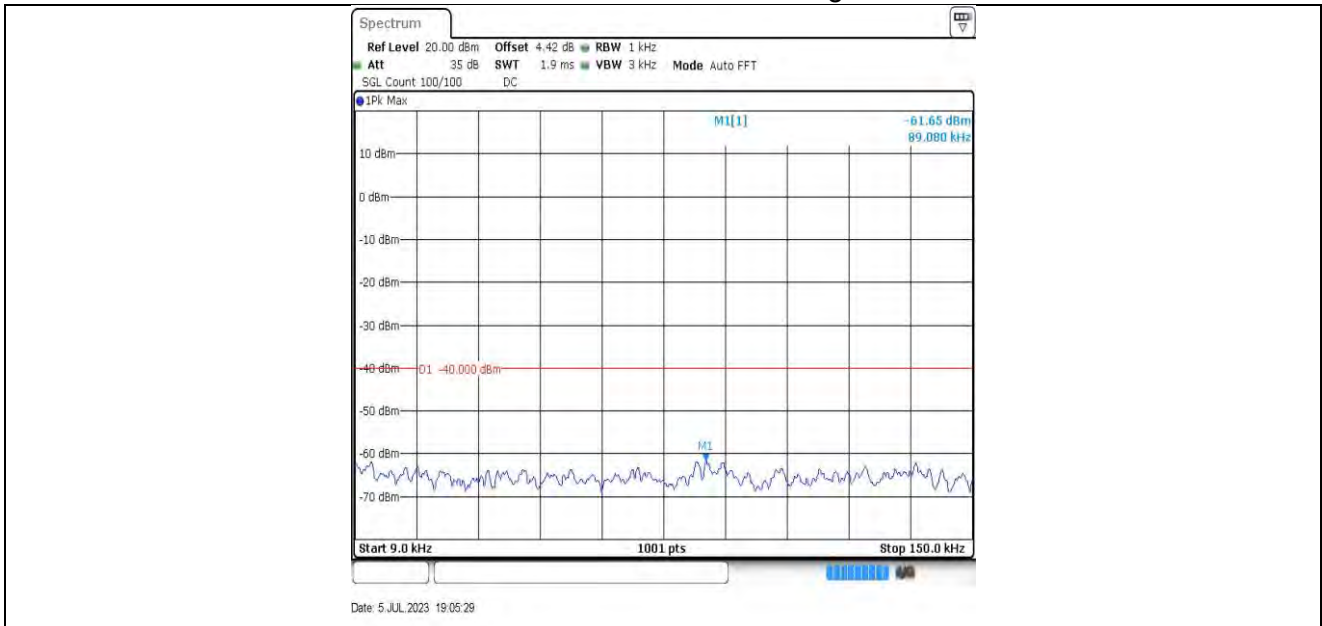
20MHz-55990



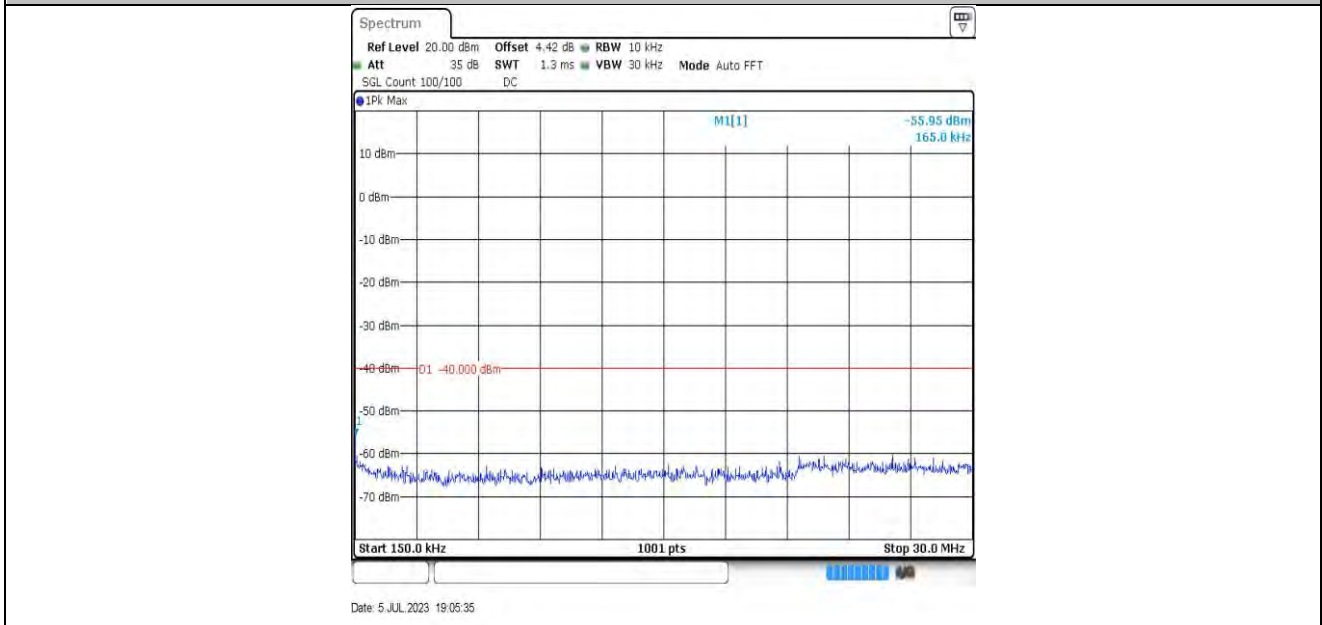
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20MHz-56640



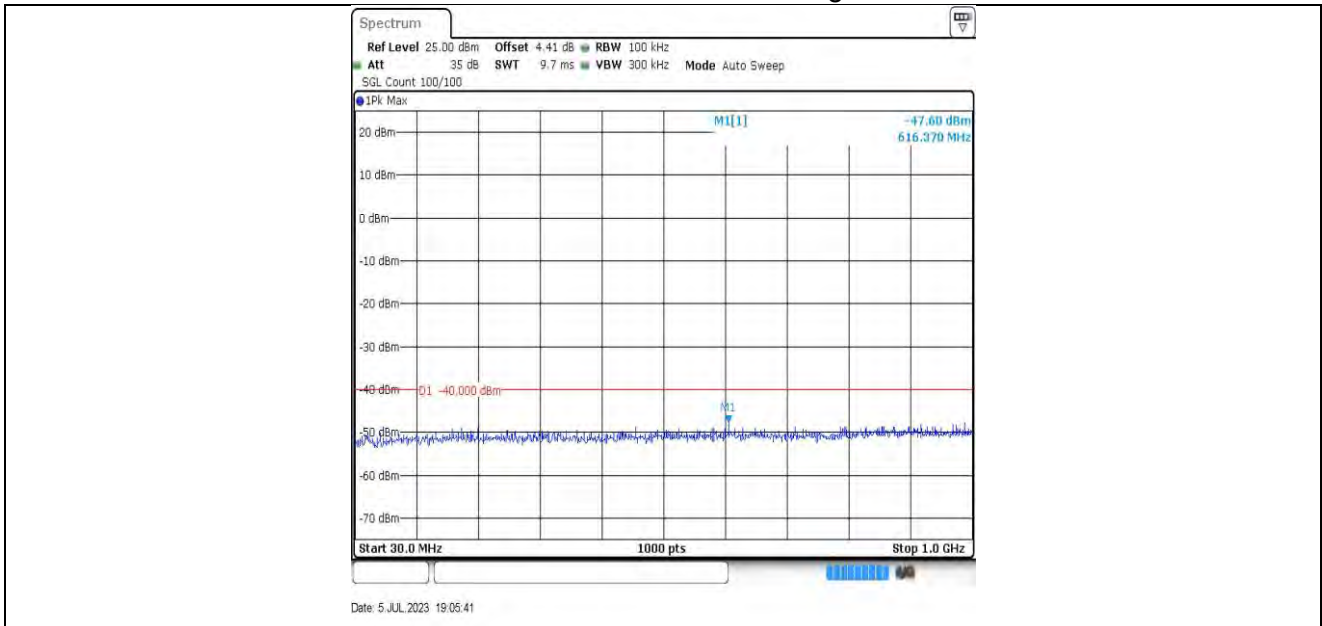
20MHz-56640



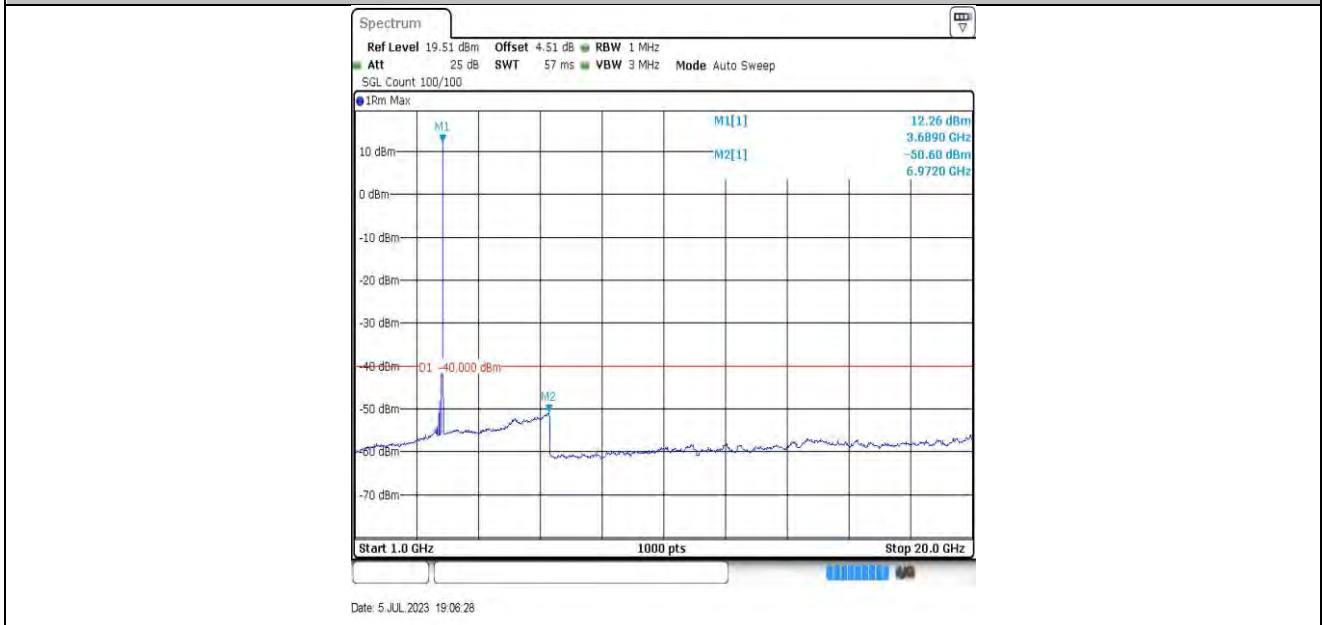
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20MHz-56640



20MHz-56640



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20MHz-56640



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**Field Strength of Spurious Radiation**

**Test Band = LTE Band 48\_ TM1**

**Test Channel = Low Channel**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7054.875	43.52	-46.02	35.73	-62.03	-40.00	22.03	Horizontal
2	8937.5208	41.68	-43.58	37.51	-59.65	-40.00	19.65	Horizontal
3	10312.7292	41.59	-41.10	38.78	-55.99	-40.00	15.99	Horizontal
4	12005.1458	37.17	-38.60	39.20	-57.50	-40.00	17.50	Horizontal
5	13725.3542	36.57	-38.09	40.27	-56.52	-40.00	16.52	Horizontal
6	17981.3125	34.80	-37.03	45.18	-52.31	-40.00	12.31	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7129.1458	43.28	-45.92	35.91	-61.99	-40.00	21.99	Vertical
2	8747.7708	42.36	-43.77	37.25	-59.42	-40.00	19.42	Vertical
3	10312.7292	42.54	-41.10	38.78	-55.04	-40.00	15.04	Vertical
4	11993.6458	37.45	-38.65	39.20	-57.25	-40.00	17.25	Vertical
5	13723.4375	36.64	-38.08	40.26	-56.44	-40.00	16.44	Vertical
6	17968.8542	34.61	-37.07	45.10	-52.62	-40.00	12.62	Vertical



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**Test Band = LTE Band 48\_ TM1**

**Test Channel = Mid Channel**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7235.5208	43.55	-45.65	36.17	-61.19	-40.00	21.19	Horizontal
2	8815.8125	42.78	-43.81	37.34	-58.95	-40.00	18.95	Horizontal
3	10312.7292	41.91	-41.10	38.78	-55.67	-40.00	15.67	Horizontal
4	11990.7708	37.45	-38.68	39.20	-57.29	-40.00	17.29	Horizontal
5	14172.4167	36.36	-38.31	40.76	-56.45	-40.00	16.45	Horizontal
6	17967.8958	34.65	-37.07	45.09	-52.59	-40.00	12.59	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7221.625	43.80	-45.57	36.13	-60.90	-40.00	20.90	Vertical
2	8368.2708	42.11	-44.42	36.72	-60.86	-40.00	20.86	Vertical
3	10312.7292	42.26	-41.10	38.78	-55.32	-40.00	15.32	Vertical
4	12068.875	37.55	-39.14	39.16	-57.69	-40.00	17.69	Vertical
5	13731.1042	37.41	-38.13	40.28	-55.70	-40.00	15.70	Vertical
6	17964.5417	34.67	-37.08	45.07	-52.60	-40.00	12.60	Vertical



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**Test Band = LTE Band 48\_ TM1**  
**Test Channel = High Channel**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7006	44.16	-45.92	35.61	-61.41	-40.00	21.41	Horizontal
2	7689.2917	43.38	-45.11	36.57	-60.42	-40.00	20.42	Horizontal
3	9313.6667	41.54	-42.92	37.88	-58.76	-40.00	18.76	Horizontal
4	10312.7292	41.70	-41.10	38.78	-55.88	-40.00	15.88	Horizontal
5	13724.3958	36.91	-38.09	40.27	-56.17	-40.00	16.17	Horizontal
6	17962.625	35.13	-37.08	45.06	-52.15	-40.00	12.15	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7832.0833	43.08	-44.92	36.40	-60.70	-40.00	20.70	Vertical
2	9307.4375	41.67	-42.93	37.88	-58.64	-40.00	18.64	Vertical
3	10312.7292	42.93	-41.10	38.78	-54.65	-40.00	14.65	Vertical
4	12020.4792	37.42	-38.73	39.19	-57.38	-40.00	17.38	Vertical
5	13655.875	36.63	-38.10	40.11	-56.62	-40.00	16.62	Vertical
6	17512.2083	34.60	-36.19	42.18	-54.68	-40.00	14.68	Vertical



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**Test Band = LTE 48A\_66A\_TM1**

**Test Channel = Low Channel**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6764.9792	44.53	-46.47	35.08	-62.12	-40.00	22.12	Horizontal
2	8237.4583	42.71	-44.35	36.53	-60.36	-40.00	20.36	Horizontal
3	10312.7292	42.26	-41.10	38.78	-55.32	-40.00	15.32	Horizontal
4	11996.5208	37.98	-38.61	39.20	-56.69	-40.00	16.69	Horizontal
5	13722.9583	37.04	-38.08	40.26	-56.04	-40.00	16.04	Horizontal
6	17904.1667	34.40	-37.25	44.69	-53.42	-40.00	13.42	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7326.0833	43.62	-45.89	36.38	-61.15	-40.00	21.15	Vertical
2	8800.4792	41.91	-43.86	37.32	-59.89	-40.00	19.89	Vertical
3	10312.7292	42.71	-41.10	38.78	-54.87	-40.00	14.87	Vertical
4	12028.625	37.71	-38.80	39.18	-57.17	-40.00	17.17	Vertical
5	13722	37.00	-38.08	40.26	-56.07	-40.00	16.07	Vertical
6	17965.9792	34.92	-37.08	45.08	-52.33	-40.00	12.33	Vertical



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**Test Band = LTE 48A\_66A\_TM1**

**Test Channel = Mid Channel**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7328.4792	43.85	-45.88	36.39	-60.90	-40.00	20.90	Horizontal
2	8735.7917	41.33	-43.75	37.23	-60.45	-40.00	20.45	Horizontal
3	10312.7292	42.67	-41.10	38.78	-54.91	-40.00	14.91	Horizontal
4	11991.25	37.68	-38.68	39.20	-57.06	-40.00	17.06	Horizontal
5	13829.8125	36.91	-38.47	40.51	-56.31	-40.00	16.31	Horizontal
6	17969.3333	34.72	-37.07	45.10	-52.50	-40.00	12.50	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7235.0417	44.02	-45.65	36.16	-60.72	-40.00	20.72	Vertical
2	8805.2708	42.41	-43.84	37.33	-59.37	-40.00	19.37	Vertical
3	10312.7292	43.17	-41.10	38.78	-54.41	-40.00	14.41	Vertical
4	12025.75	37.29	-38.78	39.18	-57.56	-40.00	17.56	Vertical
5	13714.3333	36.59	-38.03	40.24	-56.46	-40.00	16.46	Vertical
6	17625.2917	34.67	-37.01	42.90	-54.70	-40.00	14.70	Vertical



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**Test Band = LTE 48A\_66A\_TM1**

**Test Channel = High Channel**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7335.6667	43.83	-45.85	36.41	-60.87	-40.00	20.87	Horizontal
2	8857.5	41.95	-43.68	37.40	-59.59	-40.00	19.59	Horizontal
3	10312.7292	42.05	-41.10	38.78	-55.53	-40.00	15.53	Horizontal
4	12024.3125	37.93	-38.76	39.19	-56.91	-40.00	16.91	Horizontal
5	13781.8958	37.06	-38.42	40.40	-56.22	-40.00	16.22	Horizontal
6	17644.4583	35.43	-37.22	43.02	-54.02	-40.00	14.02	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7654.7917	42.78	-45.02	36.61	-60.89	-40.00	20.89	Vertical
2	9225.9792	40.85	-42.96	37.80	-59.57	-40.00	19.57	Vertical
3	10312.7292	42.12	-41.10	38.78	-55.46	-40.00	15.46	Vertical
4	12087.0833	38.04	-39.29	39.15	-57.36	-40.00	17.36	Vertical
5	14686.5625	36.46	-38.16	40.35	-56.61	-40.00	16.61	Vertical
6	17279.3333	35.68	-37.12	40.69	-56.01	-40.00	16.01	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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## Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band48	20MHz	QPSK	55990	100RB#0	VN	NT	5.20	0.001434	PASS
Band48	20MHz	QPSK	55990	100RB#0	VL	NT	-1.20	-0.000331	PASS
Band48	20MHz	QPSK	55990	100RB#0	VH	NT	-2.90	-0.000800	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band48	20MHz	QPSK	55990	100RB#0	NV	-30	-4.00	-0.001103	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-20	-3.60	-0.000993	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	0	-6.80	-0.001876	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	10	-37.90	-0.010455	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	20	-13.30	-0.003669	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	30	-4.20	-0.001159	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	40	-2.60	-0.000717	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	50	9.20	0.002538	PASS

---End of Attachment---



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