



Appendix B.6

LTE CA_48C



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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Wireless Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Effective (Isotropic) Radiated Power Output Data

Test Result

ANT3

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
48-48	10MHz-20MHz	QPSK-QPSK	55295-55439	1RB#0-0RB#0	18.33	16.03	23	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55295-55439	50RB#0-100RB#0	16.98	14.68	23	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55896-56040	1RB#0-0RB#0	18.61	16.31	23	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55896-56040	50RB#0-100RB#0	16.39	14.09	23	PASS
48-48	10MHz-20MHz	QPSK-QPSK	56496-56640	1RB#0-0RB#0	18.91	16.61	23	PASS
48-48	10MHz-20MHz	QPSK-QPSK	56496-56640	50RB#0-100RB#0	16.28	13.98	23	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55295-55439	1RB#0-0RB#0	18.35	16.05	23	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55295-55439	50RB#0-100RB#0	16.43	14.13	23	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55896-56040	1RB#0-0RB#0	18.31	16.01	23	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55896-56040	50RB#0-100RB#0	15.49	13.19	23	PASS
48-48	10MHz-20MHz	16QAM-16QAM	56496-56640	1RB#0-0RB#0	18.15	15.85	23	PASS
48-48	10MHz-20MHz	16QAM-16QAM	56496-56640	50RB#0-100RB#0	15.34	13.04	23	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55295-55439	1RB#0-0RB#0	16.16	13.86	23	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55295-55439	50RB#0-100RB#0	15.38	13.08	23	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55896-56040	1RB#0-0RB#0	15.95	13.65	23	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55896-56040	50RB#0-100RB#0	15.67	13.37	23	PASS
48-48	10MHz-20MHz	64QAM-64QAM	56496-56640	1RB#0-0RB#0	16.12	13.82	23	PASS
48-48	10MHz-20MHz	64QAM-64QAM	56496-56640	50RB#0-100RB#0	15.12	12.82	23	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55295-55439	1RB#0-0RB#0	14.75	12.45	23	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55295-55439	50RB#0-100RB#0	12.99	10.69	23	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55896-56040	1RB#0-0RB#0	14.18	11.88	23	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55896-56040	50RB#0-100RB#0	12.95	10.65	23	PASS
48-48	10MHz-20MHz	256QAM-256QAM	56496-56640	1RB#0-0RB#0	13.92	11.62	23	PASS
48-48	10MHz-20MHz	256QAM-256QAM	56496-56640	50RB#0-100RB#0	12.87	10.57	23	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55318-55489	1RB#0-0RB#0	19.73	17.43	23	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55318-55489	75RB#0-100RB#0	16.00	13.70	23	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55893-56064	1RB#0-0RB#0	19.80	17.50	23	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55893-56064	75RB#0-100RB#0	15.66	13.36	23	PASS
48-48	15MHz-20MHz	QPSK-QPSK	56469-56640	1RB#0-0RB#0	18.76	16.46	23	PASS
48-48	15MHz-20MHz	QPSK-QPSK	56469-56640	75RB#0-100RB#0	15.17	12.87	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	1RB#0-0RB#0	18.27	15.97	23	PASS



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No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	75RB#0-100RB#0	15.35	13.05	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	1RB#0-0RB#0	18.32	16.02	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	75RB#0-100RB#0	15.13	12.83	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	56469-56640	1RB#0-0RB#0	17.36	15.06	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	56469-56640	75RB#0-100RB#0	14.29	11.99	23	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55318-55489	1RB#0-0RB#0	16.72	14.42	23	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55318-55489	75RB#0-100RB#0	14.48	12.18	23	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55893-56064	1RB#0-0RB#0	16.60	14.30	23	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55893-56064	75RB#0-100RB#0	14.61	12.31	23	PASS
48-48	15MHz-20MHz	64QAM-64QAM	56469-56640	1RB#0-0RB#0	15.99	13.69	23	PASS
48-48	15MHz-20MHz	64QAM-64QAM	56469-56640	75RB#0-100RB#0	14.15	11.85	23	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55318-55489	1RB#0-0RB#0	14.17	11.87	23	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55318-55489	75RB#0-100RB#0	12.28	9.98	23	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55893-56064	1RB#0-0RB#0	13.18	10.88	23	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55893-56064	75RB#0-100RB#0	12.26	9.96	23	PASS
48-48	15MHz-20MHz	256QAM-256QAM	56469-56640	1RB#0-0RB#0	13.23	10.93	23	PASS
48-48	15MHz-20MHz	256QAM-256QAM	56469-56640	75RB#0-100RB#0	11.84	9.54	23	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55340-55484	1RB#0-0RB#0	19.46	17.16	23	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55340-55484	100RB#0-50RB#0	15.27	12.97	23	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55941-56085	1RB#0-0RB#0	19.34	17.04	23	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55941-56085	100RB#0-50RB#0	14.61	12.31	23	PASS
48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	1RB#0-0RB#0	19.67	17.37	23	PASS
48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	100RB#0-50RB#0	14.12	11.82	23	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	1RB#0-0RB#0	18.47	16.17	23	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	100RB#0-50RB#0	14.24	11.94	23	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55941-56085	1RB#0-0RB#0	18.55	16.25	23	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55941-56085	100RB#0-50RB#0	13.61	11.31	23	PASS
48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	1RB#0-0RB#0	17.67	15.37	23	PASS
48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	100RB#0-50RB#0	13.48	11.18	23	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55340-55484	1RB#0-0RB#0	15.97	13.67	23	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55340-55484	100RB#0-50RB#0	13.40	11.10	23	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55941-56085	1RB#0-0RB#0	16.12	13.82	23	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55941-56085	100RB#0-50RB#0	13.49	11.19	23	PASS
48-48	20MHz-10MHz	64QAM-64QAM	56541-56685	1RB#0-0RB#0	15.65	13.35	23	PASS
48-48	20MHz-10MHz	64QAM-64QAM	56541-56685	100RB#0-50RB#0	12.66	10.36	23	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55340-55484	1RB#0-0RB#0	13.38	11.08	23	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55340-55484	100RB#0-50RB#0	10.80	8.50	23	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55941-56085	1RB#0-0RB#0	13.16	10.86	23	PASS



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48-48	20MHz-10MHz	256QAM-256QAM	55941-56085	100RB#0-50RB#0	10.25	7.95	23	PASS
48-48	20MHz-10MHz	256QAM-256QAM	56541-56685	1RB#0-0RB#0	13.45	11.15	23	PASS
48-48	20MHz-10MHz	256QAM-256QAM	56541-56685	100RB#0-50RB#0	9.94	7.64	23	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55340-55511	1RB#0-0RB#0	18.90	16.60	23	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55340-55511	100RB#0-75RB#0	14.83	12.53	23	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55916-56087	1RB#0-0RB#0	19.10	16.80	23	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55916-56087	100RB#0-75RB#0	14.87	12.57	23	PASS
48-48	20MHz-15MHz	QPSK-QPSK	56491-56662	1RB#0-0RB#0	18.90	16.60	23	PASS
48-48	20MHz-15MHz	QPSK-QPSK	56491-56662	100RB#0-75RB#0	14.34	12.04	23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55340-55511	1RB#0-0RB#0	18.70	16.40	23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55340-55511	100RB#0-75RB#0	14.23	11.93	23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55916-56087	1RB#0-0RB#0	18.23	15.93	23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55916-56087	100RB#0-75RB#0	13.53	11.23	23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	56491-56662	1RB#0-0RB#0	17.12	14.82	23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	56491-56662	100RB#0-75RB#0	13.45	11.15	23	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55340-55511	1RB#0-0RB#0	16.62	14.32	23	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55340-55511	100RB#0-75RB#0	13.46	11.16	23	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55916-56087	1RB#0-0RB#0	16.27	13.97	23	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55916-56087	100RB#0-75RB#0	13.48	11.18	23	PASS
48-48	20MHz-15MHz	64QAM-64QAM	56491-56662	1RB#0-0RB#0	16.63	14.33	23	PASS
48-48	20MHz-15MHz	64QAM-64QAM	56491-56662	100RB#0-75RB#0	13.04	10.74	23	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55340-55511	1RB#0-0RB#0	13.76	11.46	23	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55340-55511	100RB#0-75RB#0	10.96	8.66	23	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55916-56087	1RB#0-0RB#0	13.60	11.30	23	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55916-56087	100RB#0-75RB#0	10.60	8.30	23	PASS
48-48	20MHz-15MHz	256QAM-256QAM	56491-56662	1RB#0-0RB#0	13.50	11.20	23	PASS
48-48	20MHz-15MHz	256QAM-256QAM	56491-56662	100RB#0-75RB#0	11.09	8.79	23	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	1RB#0-0RB#0	19.04	16.74	23	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	100RB#0-100RB#0	15.10	12.80	23	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	1RB#0-0RB#0	19.05	16.75	23	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	14.76	12.46	23	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	1RB#0-0RB#0	18.50	16.20	23	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	100RB#0-100RB#0	13.81	11.51	23	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	1RB#0-0RB#0	17.76	15.46	23	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	100RB#0-100RB#0	14.15	11.85	23	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	1RB#0-0RB#0	18.26	15.96	23	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	100RB#0-100RB#0	13.48	11.18	23	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	1RB#0-0RB#0	17.43	15.13	23	PASS



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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	100RB#0-100RB#0	13.28	10.98	23	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	1RB#0-0RB#0	16.74	14.44	23	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	100RB#0-100RB#0	13.64	11.34	23	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	1RB#0-0RB#0	16.67	14.37	23	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	100RB#0-100RB#0	13.41	11.11	23	PASS
48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	1RB#0-0RB#0	15.31	13.01	23	PASS
48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	100RB#0-100RB#0	12.96	10.66	23	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55340-55538	1RB#0-0RB#0	13.87	11.57	23	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55340-55538	100RB#0-100RB#0	10.64	8.34	23	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55891-56089	1RB#0-0RB#0	14.02	11.72	23	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55891-56089	100RB#0-100RB#0	10.82	8.52	23	PASS
48-48	20MHz-20MHz	256QAM-256QAM	56442-56640	1RB#0-0RB#0	13.10	10.80	23	PASS
48-48	20MHz-20MHz	256QAM-256QAM	56442-56640	100RB#0-100RB#0	10.72	8.42	23	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	1RB#0-0RB#0	19.11	16.81	23	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	100RB#0-25RB#0	15.11	12.81	23	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	1RB#0-0RB#0	18.74	16.44	23	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	100RB#0-25RB#0	14.35	12.05	23	PASS
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	1RB#0-0RB#0	18.41	16.11	23	PASS
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	100RB#0-25RB#0	14.49	12.19	23	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	1RB#0-0RB#0	18.95	16.65	23	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	100RB#0-25RB#0	13.73	11.43	23	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	1RB#0-0RB#0	18.41	16.11	23	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	100RB#0-25RB#0	13.33	11.03	23	PASS
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	1RB#0-0RB#0	18.38	16.08	23	PASS
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	100RB#0-25RB#0	13.12	10.82	23	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55340-55457	1RB#0-0RB#0	16.88	14.58	23	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55340-55457	100RB#0-25RB#0	13.81	11.51	23	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55965-56082	1RB#0-0RB#0	16.92	14.62	23	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55965-56082	100RB#0-25RB#0	13.53	11.23	23	PASS
48-48	20MHz-5MHz	64QAM-64QAM	56590-56707	1RB#0-0RB#0	16.36	14.06	23	PASS
48-48	20MHz-5MHz	64QAM-64QAM	56590-56707	100RB#0-25RB#0	13.07	10.77	23	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55340-55457	1RB#0-0RB#0	14.02	11.72	23	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55340-55457	100RB#0-25RB#0	10.96	8.66	23	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55965-56082	1RB#0-0RB#0	14.43	12.13	23	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55965-56082	100RB#0-25RB#0	11.05	8.75	23	PASS
48-48	20MHz-5MHz	256QAM-256QAM	56590-56707	1RB#0-0RB#0	13.36	11.06	23	PASS
48-48	20MHz-5MHz	256QAM-256QAM	56590-56707	100RB#0-25RB#0	10.55	8.25	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	1RB#0-0RB#0	18.68	16.38	23	PASS



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48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	25RB#0-100RB#0	17.13	14.83	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	1RB#0-0RB#0	19.04	16.74	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	25RB#0-100RB#0	14.55	12.25	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	1RB#0-0RB#0	18.38	16.08	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	25RB#0-100RB#0	16.64	14.34	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	1RB#0-0RB#0	17.78	15.48	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	25RB#0-100RB#0	13.94	11.64	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	1RB#0-0RB#0	17.45	15.15	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	25RB#0-100RB#0	16.27	13.97	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	1RB#0-0RB#0	17.55	15.25	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	25RB#0-100RB#0	13.35	11.05	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	1RB#0-0RB#0	16.35	14.05	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	25RB#0-100RB#0	15.86	13.56	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	1RB#0-0RB#0	16.45	14.15	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	25RB#0-100RB#0	13.37	11.07	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	56523-56640	1RB#0-0RB#0	15.19	12.89	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	56523-56640	25RB#0-100RB#0	14.64	12.34	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55273-55390	1RB#0-0RB#0	13.63	11.33	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55273-55390	25RB#0-100RB#0	11.05	8.75	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55898-56015	1RB#0-0RB#0	13.15	10.85	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55898-56015	25RB#0-100RB#0	13.77	11.47	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	56523-56640	1RB#0-0RB#0	13.87	11.57	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	56523-56640	25RB#0-100RB#0	13.03	10.73	23	PASS



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Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Verdict
48-48	10MHz-20MHz	QPSK-QPSK	55295-55439	1RB#0-0RB#0	18.67	16.37	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55295-55439	50RB#0-100RB#0	17.43	15.13	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55896-56040	1RB#0-0RB#0	18.92	16.62	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55896-56040	50RB#0-100RB#0	16.84	14.54	PASS
48-48	10MHz-20MHz	QPSK-QPSK	56496-56640	1RB#0-0RB#0	18.75	16.45	PASS
48-48	10MHz-20MHz	QPSK-QPSK	56496-56640	50RB#0-100RB#0	16.73	14.43	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55295-55439	1RB#0-0RB#0	18.01	15.71	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55295-55439	50RB#0-100RB#0	16.43	14.13	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55896-56040	1RB#0-0RB#0	17.92	15.62	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55896-56040	50RB#0-100RB#0	15.94	13.64	PASS
48-48	10MHz-20MHz	16QAM-16QAM	56496-56640	1RB#0-0RB#0	17.79	15.49	PASS
48-48	10MHz-20MHz	16QAM-16QAM	56496-56640	50RB#0-100RB#0	15.79	13.49	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55295-55439	1RB#0-0RB#0	16.31	14.01	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55295-55439	50RB#0-100RB#0	15.83	13.53	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55896-56040	1RB#0-0RB#0	16.34	14.04	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55896-56040	50RB#0-100RB#0	15.67	13.37	PASS
48-48	10MHz-20MHz	64QAM-64QAM	56496-56640	1RB#0-0RB#0	15.71	13.41	PASS
48-48	10MHz-20MHz	64QAM-64QAM	56496-56640	50RB#0-100RB#0	15.12	12.82	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55295-55439	1RB#0-0RB#0	14.37	12.07	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55295-55439	50RB#0-100RB#0	12.99	10.69	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55896-56040	1RB#0-0RB#0	14.24	11.94	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55896-56040	50RB#0-100RB#0	12.95	10.65	PASS
48-48	10MHz-20MHz	256QAM-256QAM	56496-56640	1RB#0-0RB#0	14.35	12.05	PASS
48-48	10MHz-20MHz	256QAM-256QAM	56496-56640	50RB#0-100RB#0	12.87	10.57	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55318-55489	1RB#0-0RB#0	19.54	17.24	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55318-55489	75RB#0-100RB#0	17.35	15.05	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55893-56064	1RB#0-0RB#0	19.34	17.04	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55893-56064	75RB#0-100RB#0	17.01	14.71	PASS
48-48	15MHz-20MHz	QPSK-QPSK	56469-56640	1RB#0-0RB#0	18.76	16.46	PASS
48-48	15MHz-20MHz	QPSK-QPSK	56469-56640	75RB#0-100RB#0	16.52	14.22	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	1RB#0-0RB#0	18.50	16.20	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	75RB#0-100RB#0	16.35	14.05	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	1RB#0-0RB#0	18.43	16.13	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	75RB#0-100RB#0	16.13	13.83	PASS
48-48	15MHz-20MHz	16QAM-16QAM	56469-56640	1RB#0-0RB#0	17.84	15.54	PASS
48-48	15MHz-20MHz	16QAM-16QAM	56469-56640	75RB#0-100RB#0	15.64	13.34	PASS



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48-48	15MHz-20MHz	64QAM-64QAM	55318-55489	1RB#0-0RB#0	16.35	14.05	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55318-55489	75RB#0-100RB#0	15.83	13.53	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55893-56064	1RB#0-0RB#0	16.55	14.25	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55893-56064	75RB#0-100RB#0	15.61	13.31	PASS
48-48	15MHz-20MHz	64QAM-64QAM	56469-56640	1RB#0-0RB#0	15.95	13.65	PASS
48-48	15MHz-20MHz	64QAM-64QAM	56469-56640	75RB#0-100RB#0	15.15	12.85	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55318-55489	1RB#0-0RB#0	13.68	11.38	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55318-55489	75RB#0-100RB#0	13.28	10.98	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55893-56064	1RB#0-0RB#0	13.68	11.38	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55893-56064	75RB#0-100RB#0	13.26	10.96	PASS
48-48	15MHz-20MHz	256QAM-256QAM	56469-56640	1RB#0-0RB#0	13.14	10.84	PASS
48-48	15MHz-20MHz	256QAM-256QAM	56469-56640	75RB#0-100RB#0	12.84	10.54	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55340-55484	1RB#0-0RB#0	19.25	16.95	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55340-55484	100RB#0-50RB#0	17.37	15.07	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55941-56085	1RB#0-0RB#0	19.16	16.86	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55941-56085	100RB#0-50RB#0	17.06	14.76	PASS
48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	1RB#0-0RB#0	19.19	16.89	PASS
48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	100RB#0-50RB#0	16.57	14.27	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	1RB#0-0RB#0	18.28	15.98	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	100RB#0-50RB#0	16.34	14.04	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55941-56085	1RB#0-0RB#0	18.28	15.98	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55941-56085	100RB#0-50RB#0	16.06	13.76	PASS
48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	1RB#0-0RB#0	17.71	15.41	PASS
48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	100RB#0-50RB#0	15.58	13.28	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55340-55484	1RB#0-0RB#0	16.34	14.04	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55340-55484	100RB#0-50RB#0	15.85	13.55	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55941-56085	1RB#0-0RB#0	16.33	14.03	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55941-56085	100RB#0-50RB#0	15.59	13.29	PASS
48-48	20MHz-10MHz	64QAM-64QAM	56541-56685	1RB#0-0RB#0	15.75	13.45	PASS
48-48	20MHz-10MHz	64QAM-64QAM	56541-56685	100RB#0-50RB#0	15.11	12.81	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55340-55484	1RB#0-0RB#0	13.33	11.03	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55340-55484	100RB#0-50RB#0	12.90	10.60	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55941-56085	1RB#0-0RB#0	13.49	11.19	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55941-56085	100RB#0-50RB#0	12.70	10.40	PASS
48-48	20MHz-10MHz	256QAM-256QAM	56541-56685	1RB#0-0RB#0	12.98	10.68	PASS
48-48	20MHz-10MHz	256QAM-256QAM	56541-56685	100RB#0-50RB#0	12.39	10.09	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55340-55511	1RB#0-0RB#0	18.94	16.64	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55340-55511	100RB#0-75RB#0	17.28	14.98	PASS



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48-48	20MHz-15MHz	QPSK-QPSK	55916-56087	1RB#0-0RB#0	19.11	16.81	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55916-56087	100RB#0-75RB#0	16.97	14.67	PASS
48-48	20MHz-15MHz	QPSK-QPSK	56491-56662	1RB#0-0RB#0	18.50	16.20	PASS
48-48	20MHz-15MHz	QPSK-QPSK	56491-56662	100RB#0-75RB#0	16.44	14.14	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55340-55511	1RB#0-0RB#0	18.27	15.97	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55340-55511	100RB#0-75RB#0	16.33	14.03	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55916-56087	1RB#0-0RB#0	18.19	15.89	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55916-56087	100RB#0-75RB#0	15.98	13.68	PASS
48-48	20MHz-15MHz	16QAM-16QAM	56491-56662	1RB#0-0RB#0	17.61	15.31	PASS
48-48	20MHz-15MHz	16QAM-16QAM	56491-56662	100RB#0-75RB#0	15.55	13.25	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55340-55511	1RB#0-0RB#0	16.36	14.06	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55340-55511	100RB#0-75RB#0	15.91	13.61	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55916-56087	1RB#0-0RB#0	16.37	14.07	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55916-56087	100RB#0-75RB#0	15.58	13.28	PASS
48-48	20MHz-15MHz	64QAM-64QAM	56491-56662	1RB#0-0RB#0	16.31	14.01	PASS
48-48	20MHz-15MHz	64QAM-64QAM	56491-56662	100RB#0-75RB#0	15.14	12.84	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55340-55511	1RB#0-0RB#0	13.49	11.19	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55340-55511	100RB#0-75RB#0	13.06	10.76	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55916-56087	1RB#0-0RB#0	13.51	11.21	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55916-56087	100RB#0-75RB#0	13.05	10.75	PASS
48-48	20MHz-15MHz	256QAM-256QAM	56491-56662	1RB#0-0RB#0	13.45	11.15	PASS
48-48	20MHz-15MHz	256QAM-256QAM	56491-56662	100RB#0-75RB#0	13.19	10.89	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	1RB#0-0RB#0	19.13	16.83	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	100RB#0-100RB#0	17.20	14.90	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	1RB#0-0RB#0	19.11	16.81	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	16.86	14.56	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	1RB#0-0RB#0	18.33	16.03	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	100RB#0-100RB#0	16.26	13.96	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	1RB#0-0RB#0	18.21	15.91	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	100RB#0-100RB#0	16.25	13.95	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	1RB#0-0RB#0	18.17	15.87	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	100RB#0-100RB#0	15.93	13.63	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	1RB#0-0RB#0	17.45	15.15	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	100RB#0-100RB#0	15.38	13.08	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	1RB#0-0RB#0	16.43	14.13	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	100RB#0-100RB#0	15.74	13.44	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	1RB#0-0RB#0	16.38	14.08	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	100RB#0-100RB#0	15.51	13.21	PASS



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48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	1RB#0-0RB#0	15.78	13.48	PASS
48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	100RB#0-100RB#0	15.06	12.76	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55340-55538	1RB#0-0RB#0	13.50	11.20	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55340-55538	100RB#0-100RB#0	13.09	10.79	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55891-56089	1RB#0-0RB#0	13.66	11.36	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55891-56089	100RB#0-100RB#0	13.27	10.97	PASS
48-48	20MHz-20MHz	256QAM-256QAM	56442-56640	1RB#0-0RB#0	13.48	11.18	PASS
48-48	20MHz-20MHz	256QAM-256QAM	56442-56640	100RB#0-100RB#0	13.17	10.87	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	1RB#0-0RB#0	19.52	17.22	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	100RB#0-25RB#0	17.21	14.91	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	1RB#0-0RB#0	19.05	16.75	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	100RB#0-25RB#0	16.80	14.50	PASS
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	1RB#0-0RB#0	18.86	16.56	PASS
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	100RB#0-25RB#0	16.59	14.29	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	1RB#0-0RB#0	18.57	16.27	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	100RB#0-25RB#0	16.18	13.88	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	1RB#0-0RB#0	18.17	15.87	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	100RB#0-25RB#0	15.78	13.48	PASS
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	1RB#0-0RB#0	18.01	15.71	PASS
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	100RB#0-25RB#0	15.57	13.27	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55340-55457	1RB#0-0RB#0	16.69	14.39	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55340-55457	100RB#0-25RB#0	15.91	13.61	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55965-56082	1RB#0-0RB#0	16.68	14.38	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55965-56082	100RB#0-25RB#0	15.63	13.33	PASS
48-48	20MHz-5MHz	64QAM-64QAM	56590-56707	1RB#0-0RB#0	16.61	14.31	PASS
48-48	20MHz-5MHz	64QAM-64QAM	56590-56707	100RB#0-25RB#0	15.17	12.87	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55340-55457	1RB#0-0RB#0	13.93	11.63	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55340-55457	100RB#0-25RB#0	13.41	11.11	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55965-56082	1RB#0-0RB#0	13.95	11.65	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55965-56082	100RB#0-25RB#0	13.50	11.20	PASS
48-48	20MHz-5MHz	256QAM-256QAM	56590-56707	1RB#0-0RB#0	13.27	10.97	PASS
48-48	20MHz-5MHz	256QAM-256QAM	56590-56707	100RB#0-25RB#0	13.00	10.70	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	1RB#0-0RB#0	19.13	16.83	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	25RB#0-100RB#0	17.19	14.89	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	1RB#0-0RB#0	18.66	16.36	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	25RB#0-100RB#0	16.85	14.55	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	1RB#0-0RB#0	18.41	16.11	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	25RB#0-100RB#0	16.58	14.28	PASS



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48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	1RB#0-0RB#0	18.17	15.87	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	25RB#0-100RB#0	16.24	13.94	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	1RB#0-0RB#0	17.72	15.42	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	25RB#0-100RB#0	15.78	13.48	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	1RB#0-0RB#0	17.54	15.24	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	25RB#0-100RB#0	15.65	13.35	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	1RB#0-0RB#0	16.21	13.91	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	25RB#0-100RB#0	15.79	13.49	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	1RB#0-0RB#0	16.29	13.99	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	25RB#0-100RB#0	15.67	13.37	PASS
48-48	5MHz-20MHz	64QAM-64QAM	56523-56640	1RB#0-0RB#0	15.66	13.36	PASS
48-48	5MHz-20MHz	64QAM-64QAM	56523-56640	25RB#0-100RB#0	15.12	12.82	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55273-55390	1RB#0-0RB#0	13.54	11.24	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55273-55390	25RB#0-100RB#0	13.35	11.05	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55898-56015	1RB#0-0RB#0	13.55	11.25	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55898-56015	25RB#0-100RB#0	13.43	11.13	PASS
48-48	5MHz-20MHz	256QAM-256QAM	56523-56640	1RB#0-0RB#0	13.52	11.22	PASS
48-48	5MHz-20MHz	256QAM-256QAM	56523-56640	25RB#0-100RB#0	13.13	10.83	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	100RB#0-100RB#0	9.94	13	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	9.71	13	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	100RB#0-100RB#0	9.83	13	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	100RB#0-100RB#0	9.80	13	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	100RB#0-100RB#0	9.88	13	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	100RB#0-100RB#0	9.74	13	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	100RB#0-100RB#0	9.91	13	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	100RB#0-100RB#0	10.12	13	PASS
48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	100RB#0-100RB#0	9.88	13	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55340-55538	100RB#0-100RB#0	10.52	13	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55891-56089	100RB#0-100RB#0	10.00	13	PASS
48-48	20MHz-20MHz	256QAM-256QAM	56442-56640	100RB#0-100RB#0	10.58	13	PASS



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Test Graphs



20MHz-20MHz-55340-55538 QPSK-QPSK



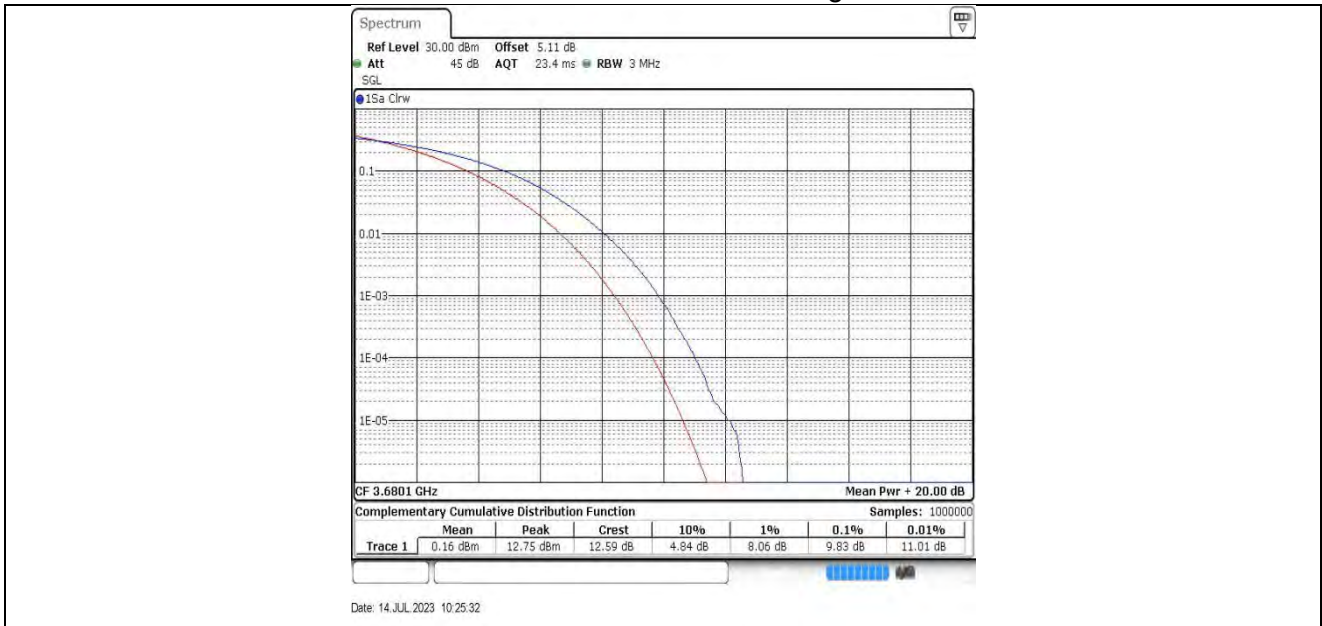
20MHz-20MHz-55891-56089 QPSK-QPSK



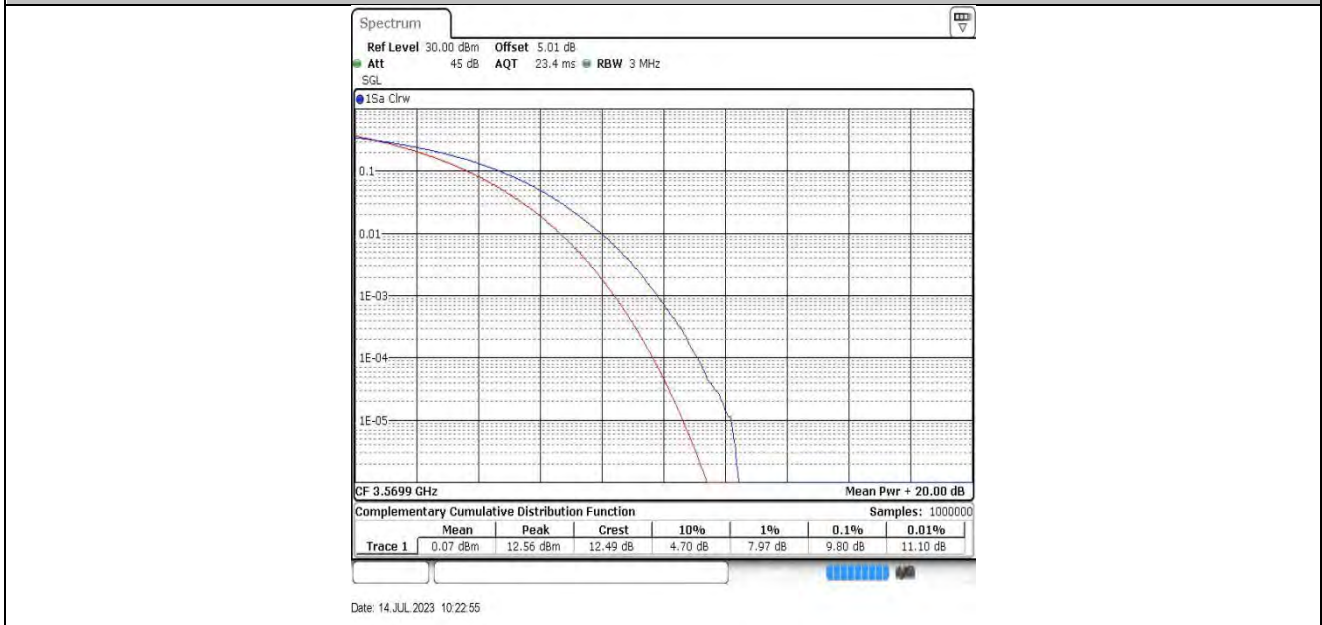
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20MHz-20MHz-56442-56640 QPSK-QPSK



20MHz-20MHz-55340-55538 16QAM-16QAM



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20MHz-20MHz-55891-56089 16QAM-16QAM



20MHz-20MHz-56442-56640 16QAM-16QAM



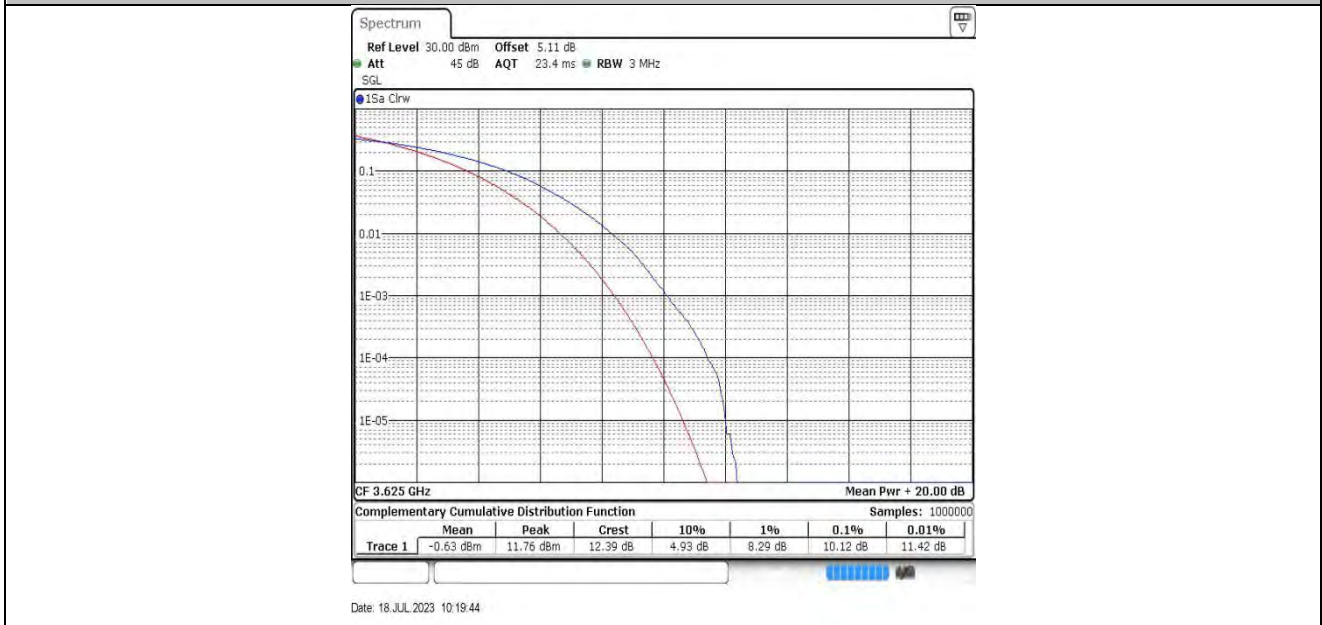
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20MHz-20MHz-55340-55538 64QAM-64QAM



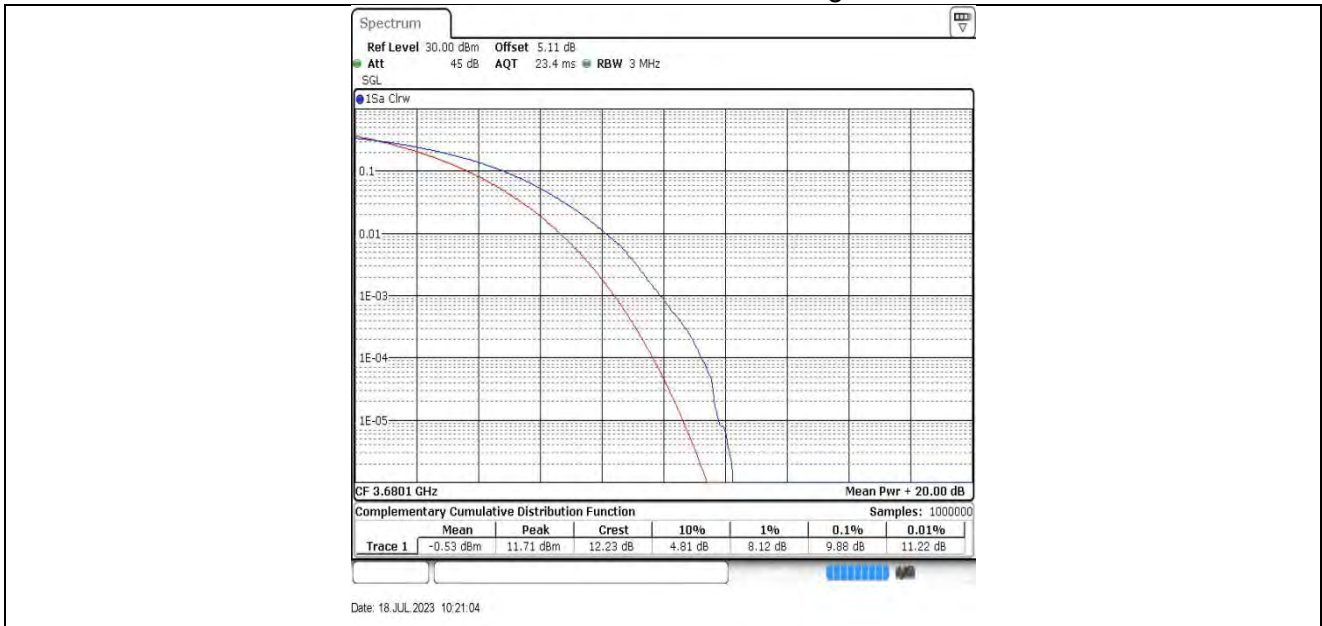
20MHz-20MHz-55891-56089 64QAM-64QAM



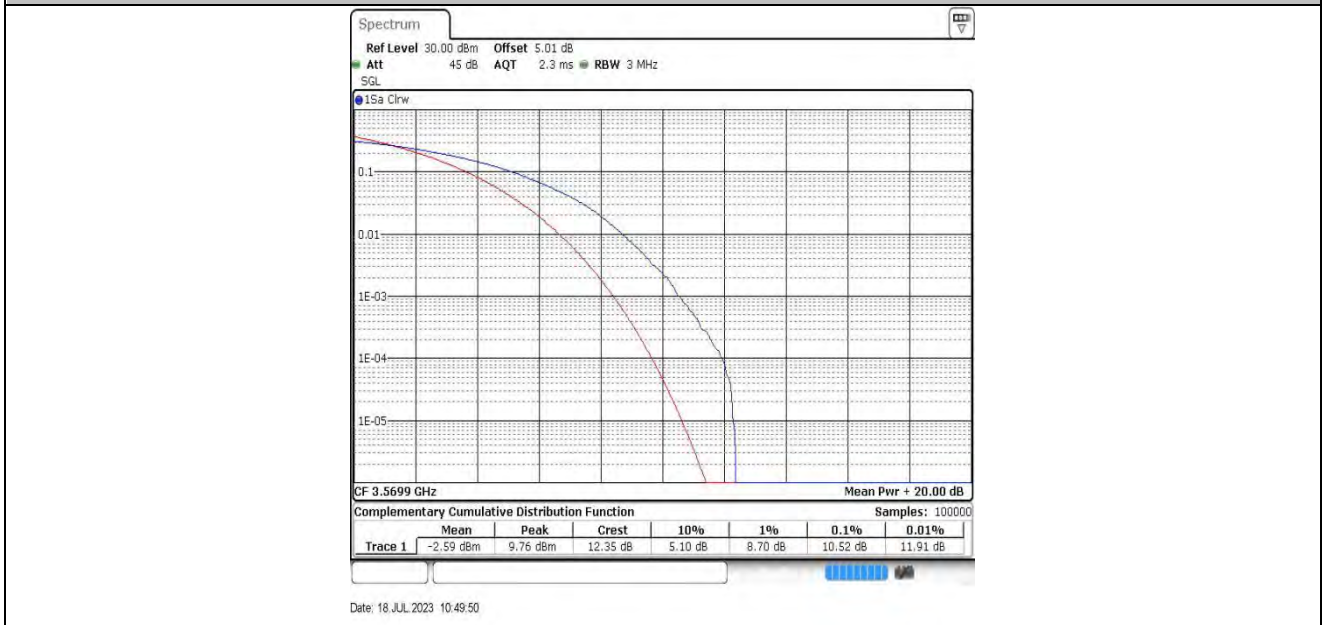
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20MHz-20MHz-56442-56640 64QAM-64QAM



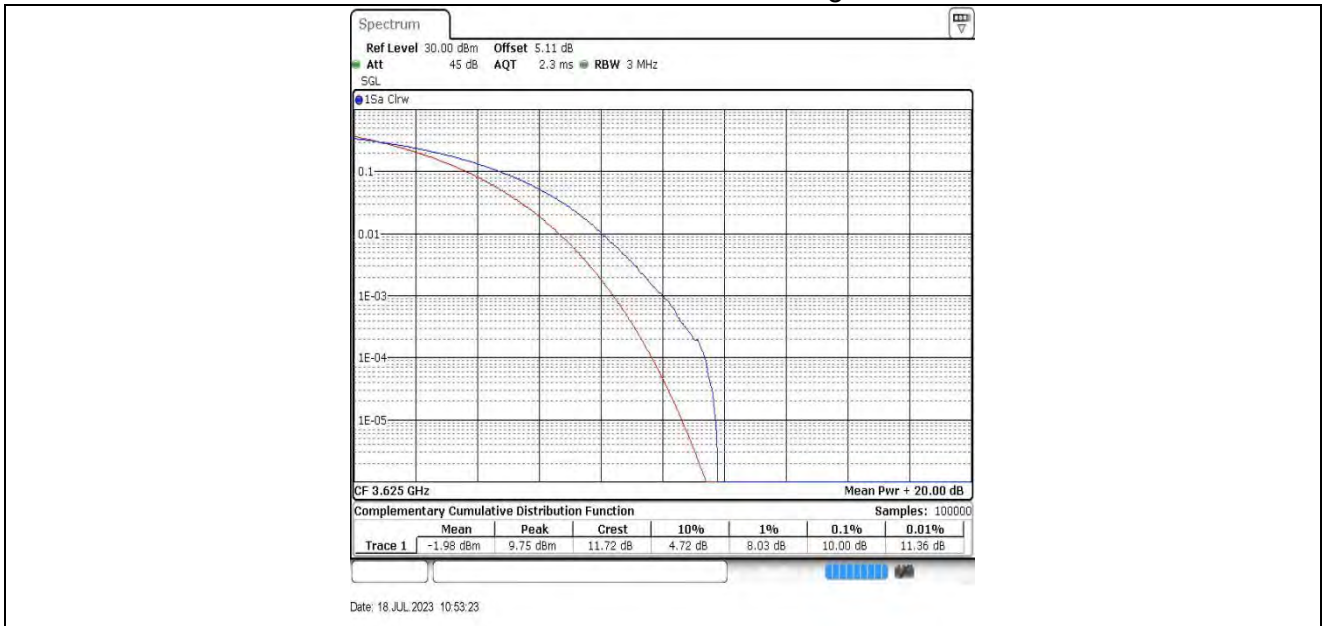
20MHz-20MHz-55340-55538 256QAM-256QAM



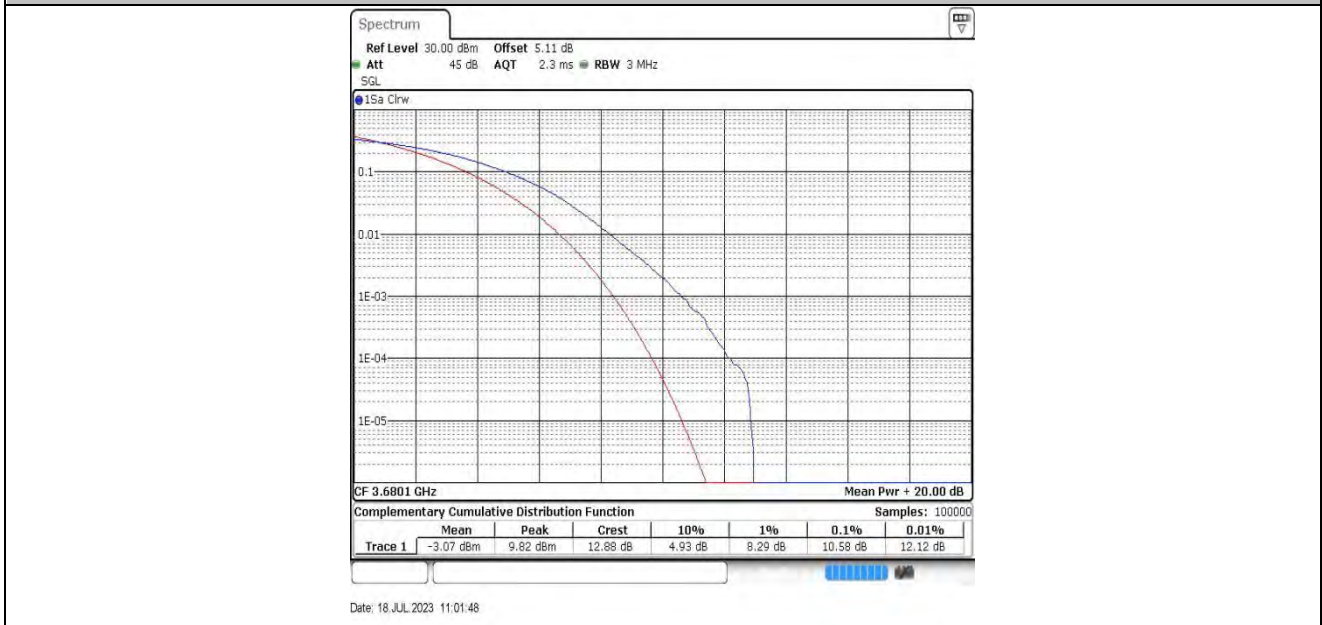
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20MHz-20MHz-55891-56089 256QAM-256QAM



20MHz-20MHz-56442-56640 256QAM-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
48-48	10MHz-20MHz	QPSK-QPSK	55295-55439	50RB#0-100RB#0	27.752	29.64	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55896-56040	50RB#0-100RB#0	27.752	29.70	PASS
48-48	10MHz-20MHz	QPSK-QPSK	56496-56640	50RB#0-100RB#0	27.752	29.70	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55295-55439	50RB#0-100RB#0	27.692	29.52	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55896-56040	50RB#0-100RB#0	27.632	29.58	PASS
48-48	10MHz-20MHz	16QAM-16QAM	56496-56640	50RB#0-100RB#0	27.632	29.58	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55295-55439	50RB#0-100RB#0	27.632	29.40	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55896-56040	50RB#0-100RB#0	27.632	29.40	PASS
48-48	10MHz-20MHz	64QAM-64QAM	56496-56640	50RB#0-100RB#0	27.632	29.40	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55295-55439	50RB#0-100RB#0	27.632	29.70	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55896-56040	50RB#0-100RB#0	27.632	29.76	PASS
48-48	10MHz-20MHz	256QAM-256QAM	56496-56640	50RB#0-100RB#0	27.632	29.70	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55318-55489	75RB#0-100RB#0	32.657	34.86	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55893-56064	75RB#0-100RB#0	32.657	34.93	PASS
48-48	15MHz-20MHz	QPSK-QPSK	56469-56640	75RB#0-100RB#0	32.587	34.93	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	75RB#0-100RB#0	32.587	34.30	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	75RB#0-100RB#0	32.587	34.44	PASS
48-48	15MHz-20MHz	16QAM-16QAM	56469-56640	75RB#0-100RB#0	32.587	34.51	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55318-55489	75RB#0-100RB#0	32.517	34.93	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55893-56064	75RB#0-100RB#0	32.517	34.93	PASS
48-48	15MHz-20MHz	64QAM-64QAM	56469-56640	75RB#0-100RB#0	32.517	34.86	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55318-55489	75RB#0-100RB#0	32.517	34.72	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55893-56064	75RB#0-100RB#0	32.517	34.79	PASS
48-48	15MHz-20MHz	256QAM-256QAM	56469-56640	75RB#0-100RB#0	32.517	34.79	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55340-55484	100RB#0-50RB#0	27.752	29.82	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55941-56085	100RB#0-50RB#0	27.812	29.88	PASS
48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	100RB#0-50RB#0	27.812	29.82	PASS
48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	100RB#0-50RB#0	27.752	29.64	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	100RB#0-50RB#0	27.752	29.64	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55941-56085	100RB#0-50RB#0	27.752	29.70	PASS



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48-48	20MHz-10MHz	64QAM-64QAM	55340-55484	100RB#0-50RB#0	27.692	30.96	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55941-56085	100RB#0-50RB#0	27.692	30.78	PASS
48-48	20MHz-10MHz	64QAM-64QAM	56541-56685	100RB#0-50RB#0	27.692	30.84	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55340-55484	100RB#0-50RB#0	27.752	29.76	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55941-56085	100RB#0-50RB#0	27.752	29.94	PASS
48-48	20MHz-10MHz	256QAM-256QAM	56541-56685	100RB#0-50RB#0	27.752	29.88	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55916-56087	100RB#0-75RB#0	32.657	34.72	PASS
48-48	20MHz-15MHz	QPSK-QPSK	56491-56662	100RB#0-75RB#0	32.657	34.58	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55340-55511	100RB#0-75RB#0	32.657	34.72	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55916-56087	100RB#0-75RB#0	32.657	34.65	PASS
48-48	20MHz-15MHz	16QAM-16QAM	56491-56662	100RB#0-75RB#0	32.657	34.72	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55340-55511	100RB#0-75RB#0	32.587	34.65	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55340-55511	100RB#0-75RB#0	32.517	35.07	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55916-56087	100RB#0-75RB#0	32.517	34.93	PASS
48-48	20MHz-15MHz	64QAM-64QAM	56491-56662	100RB#0-75RB#0	32.517	35.00	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55340-55511	100RB#0-75RB#0	32.587	34.58	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55916-56087	100RB#0-75RB#0	32.587	34.72	PASS
48-48	20MHz-15MHz	256QAM-256QAM	56491-56662	100RB#0-75RB#0	32.587	34.58	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	100RB#0-100RB#0	37.882	41.84	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	37.882	41.92	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	100RB#0-100RB#0	37.802	41.76	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	100RB#0-100RB#0	37.722	41.12	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	100RB#0-100RB#0	37.642	41.12	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	100RB#0-100RB#0	37.722	41.12	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	100RB#0-100RB#0	37.722	42.72	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	100RB#0-100RB#0	37.722	42.80	PASS
48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	100RB#0-100RB#0	37.642	42.48	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55340-55538	100RB#0-100RB#0	37.722	41.04	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55891-56089	100RB#0-100RB#0	37.722	41.20	PASS
48-48	20MHz-20MHz	256QAM-256QAM	56442-56640	100RB#0-100RB#0	37.722	40.96	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	100RB#0-25RB#0	22.977	25.10	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	100RB#0-25RB#0	22.977	25.10	PASS
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	100RB#0-25RB#0	22.977	25.15	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	100RB#0-25RB#0	22.977	26.10	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	100RB#0-25RB#0	22.977	26.35	PASS
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	100RB#0-25RB#0	22.977	26.35	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55340-55457	100RB#0-25RB#0	22.877	24.90	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55965-56082	100RB#0-25RB#0	22.877	24.80	PASS



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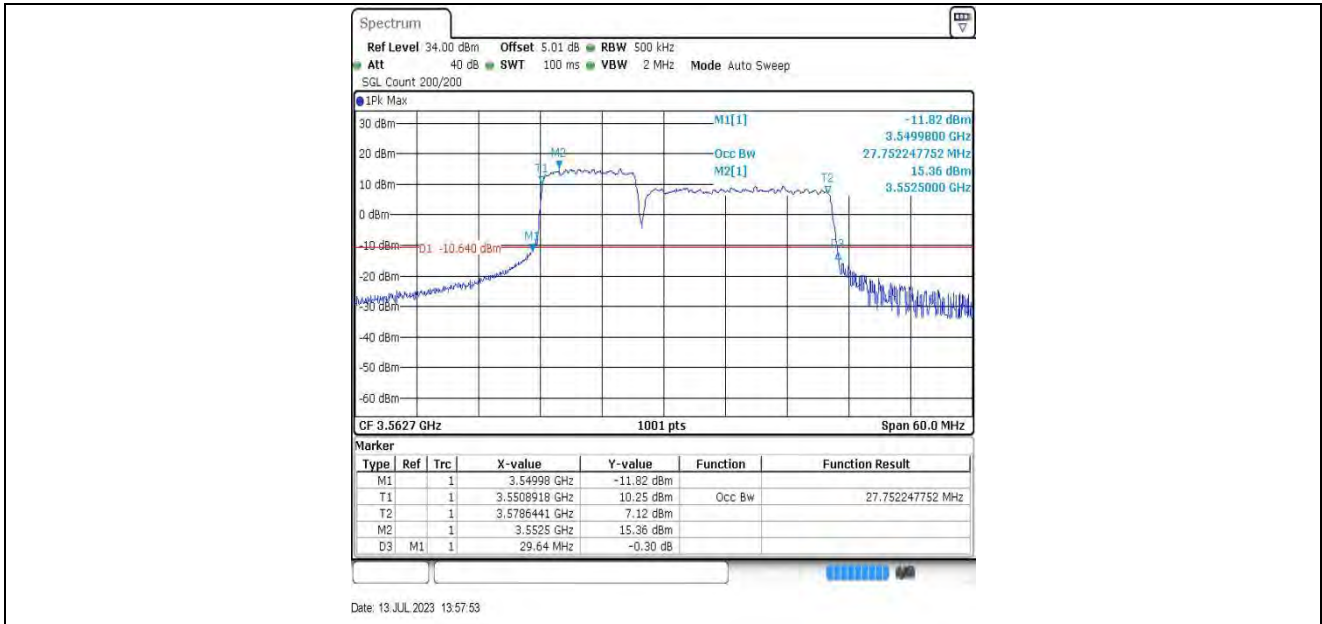
48-48	20MHz-5MHz	64QAM-64QAM	56590-56707	100RB#0-25RB#0	22.877	24.95	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55340-55457	100RB#0-25RB#0	22.977	25.50	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55965-56082	100RB#0-25RB#0	22.977	24.75	PASS
48-48	20MHz-5MHz	256QAM-256QAM	56590-56707	100RB#0-25RB#0	22.977	24.80	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	25RB#0-100RB#0	22.977	25.25	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	25RB#0-100RB#0	22.977	25.45	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	25RB#0-100RB#0	22.977	25.45	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	25RB#0-100RB#0	22.877	24.30	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	25RB#0-100RB#0	22.877	24.25	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	25RB#0-100RB#0	22.877	24.25	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	25RB#0-100RB#0	22.777	24.75	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	25RB#0-100RB#0	22.777	24.95	PASS
48-48	5MHz-20MHz	64QAM-64QAM	56523-56640	25RB#0-100RB#0	22.827	24.60	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55273-55390	25RB#0-100RB#0	22.827	24.15	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55898-56015	25RB#0-100RB#0	22.827	24.55	PASS
48-48	5MHz-20MHz	256QAM-256QAM	56523-56640	25RB#0-100RB#0	22.827	24.10	PASS



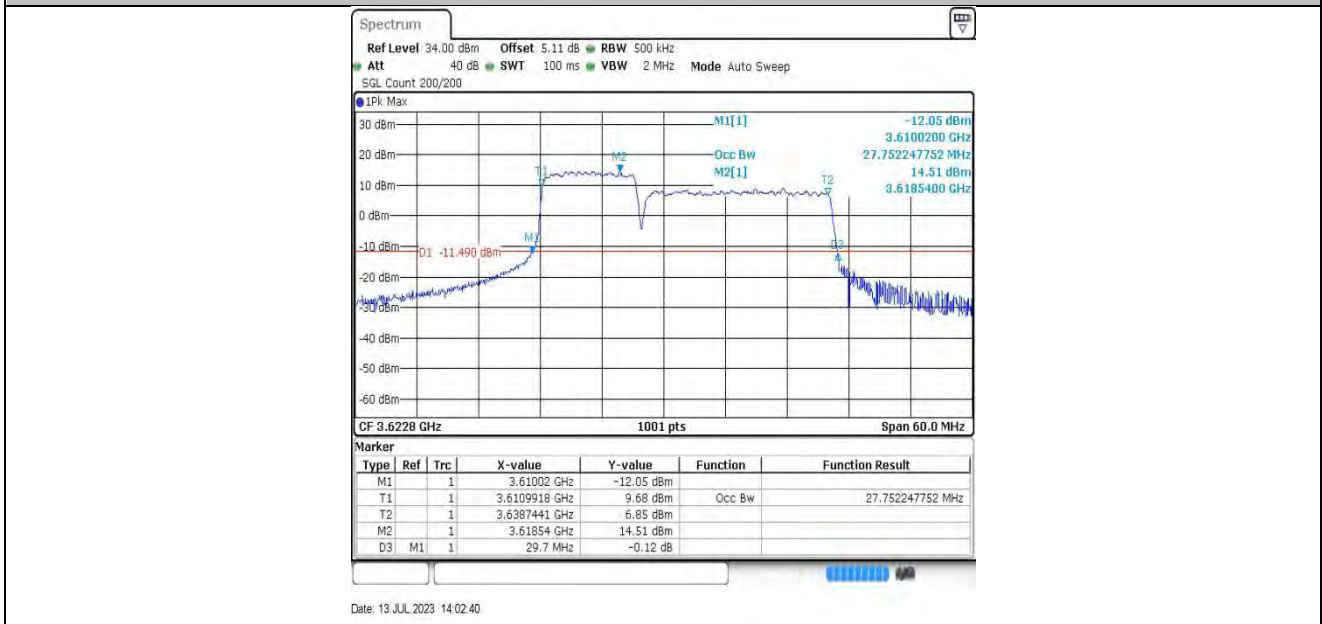
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Test Graphs



10MHz-20MHz-55295-55439 QPSK-QPSK



10MHz-20MHz-55896-56040 QPSK-QPSK

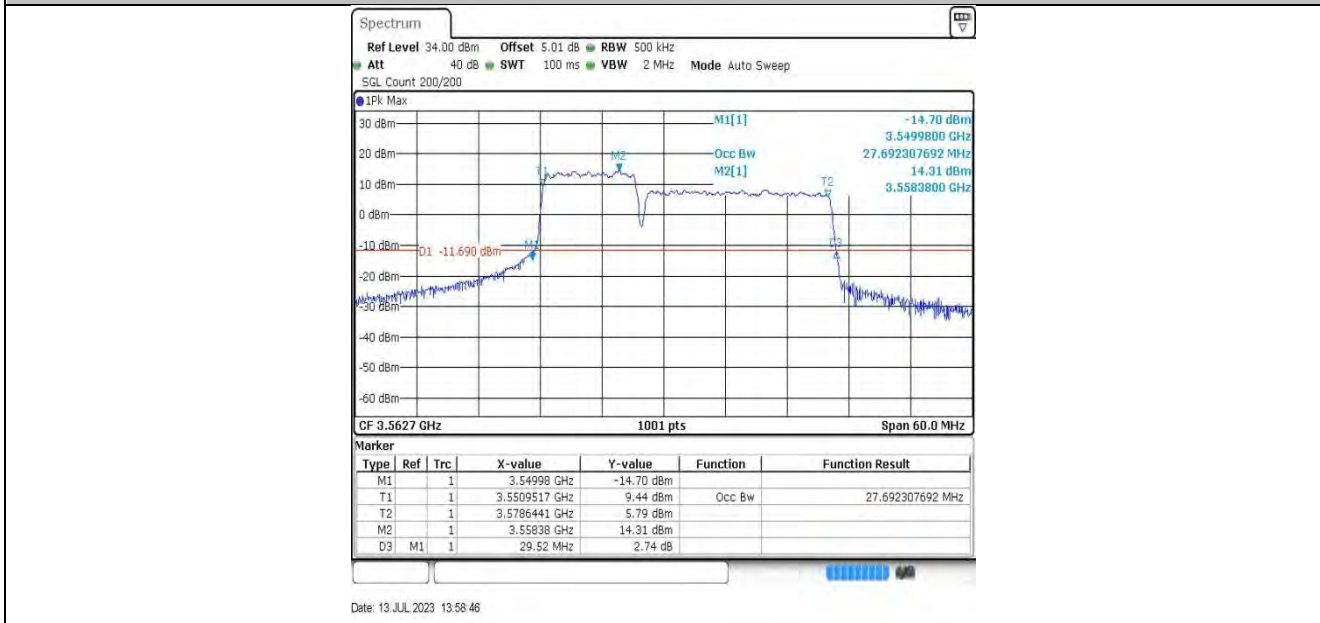


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10MHz-20MHz-56496-56640 QPSK-QPSK



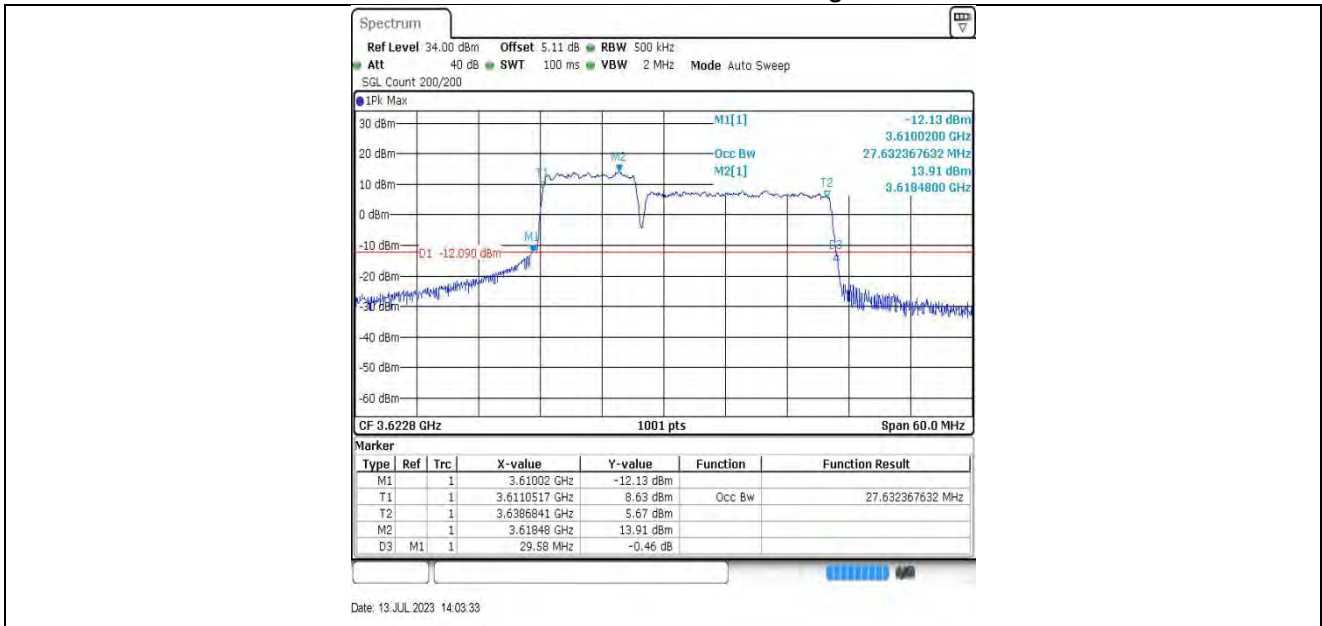
10MHz-20MHz-55295-55439 16QAM-16QAM



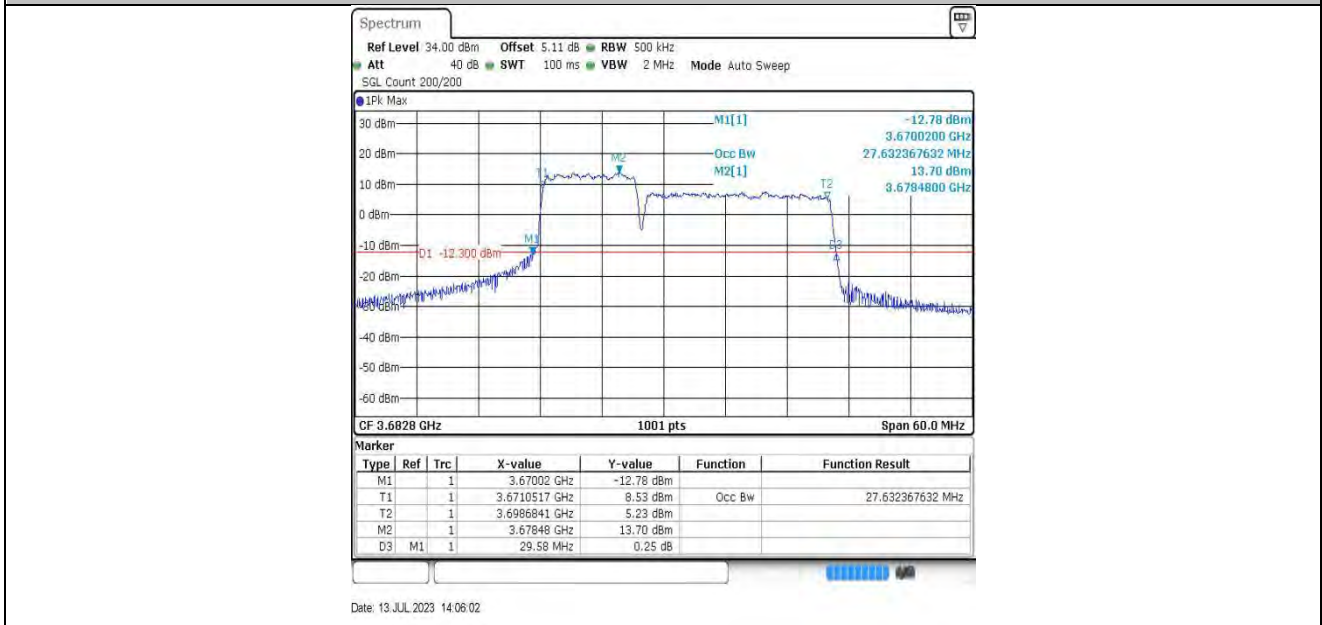
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10MHz-20MHz-55896-56040 16QAM-16QAM



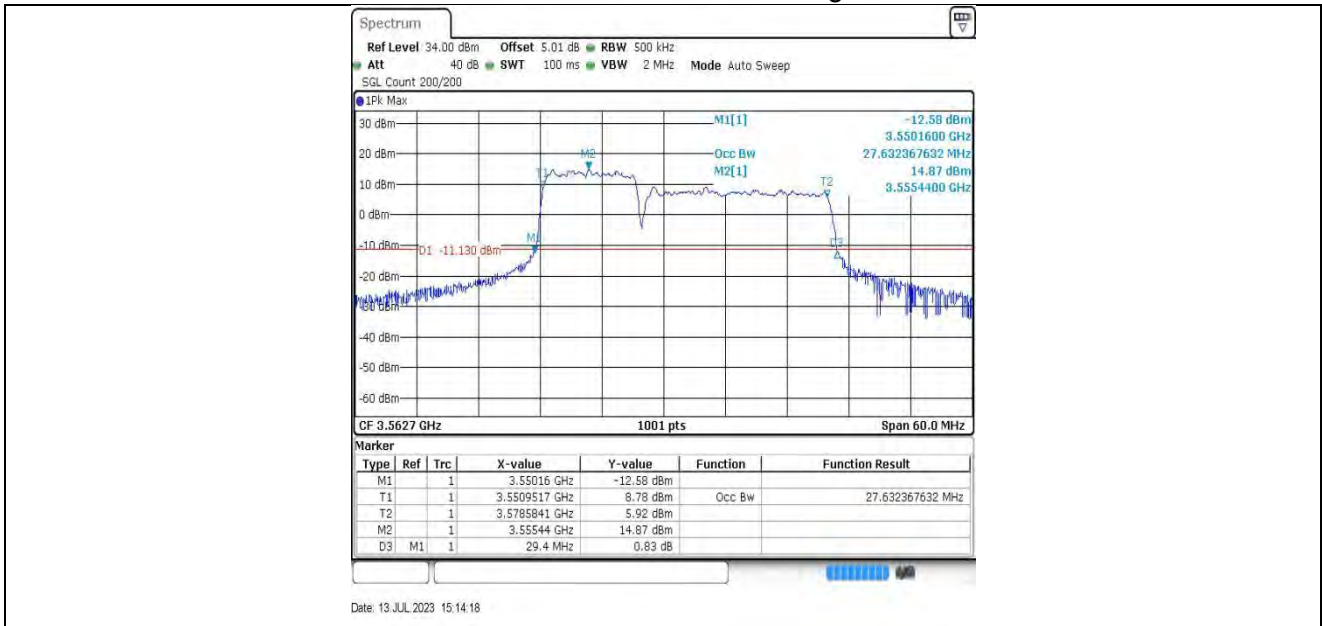
10MHz-20MHz-56496-56640 16QAM-16QAM



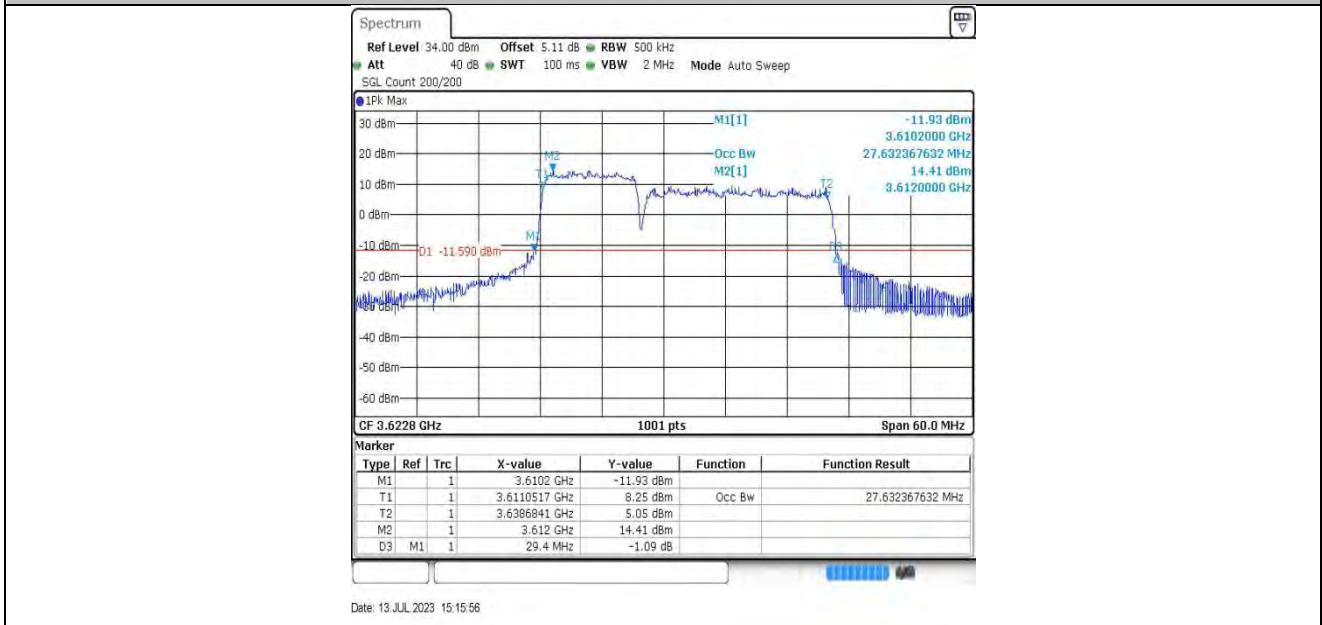
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10MHz-20MHz-55295-55439 64QAM-64QAM



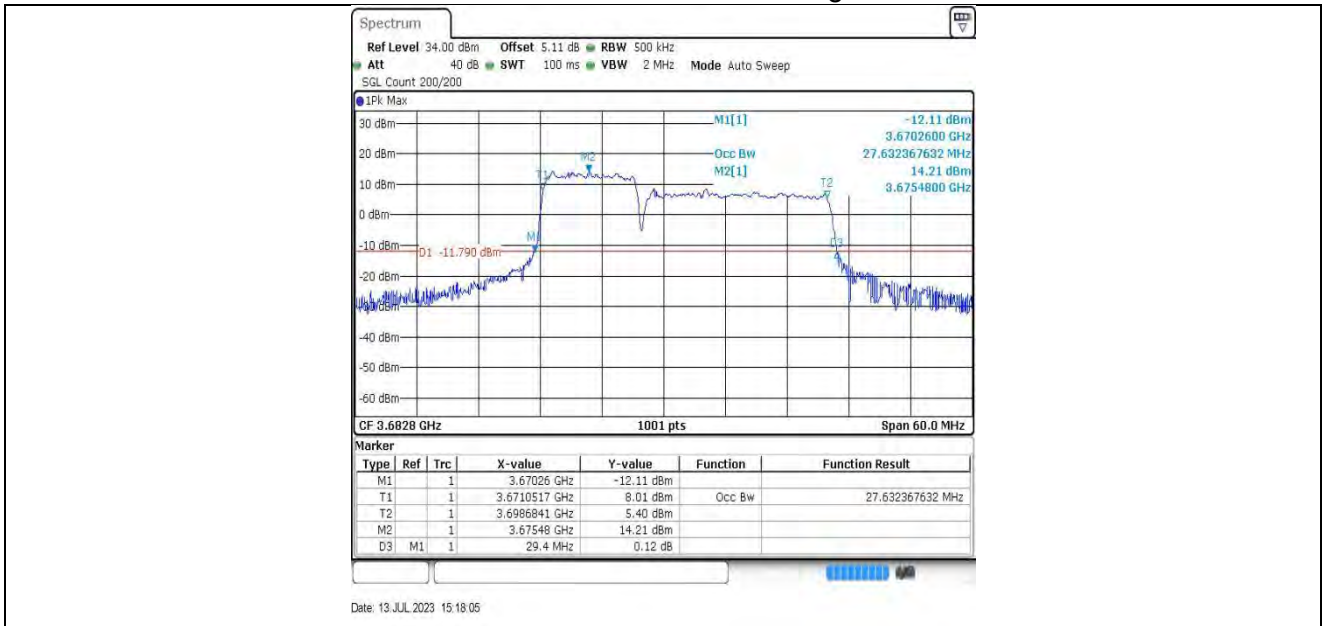
10MHz-20MHz-55896-56040 64QAM-64QAM



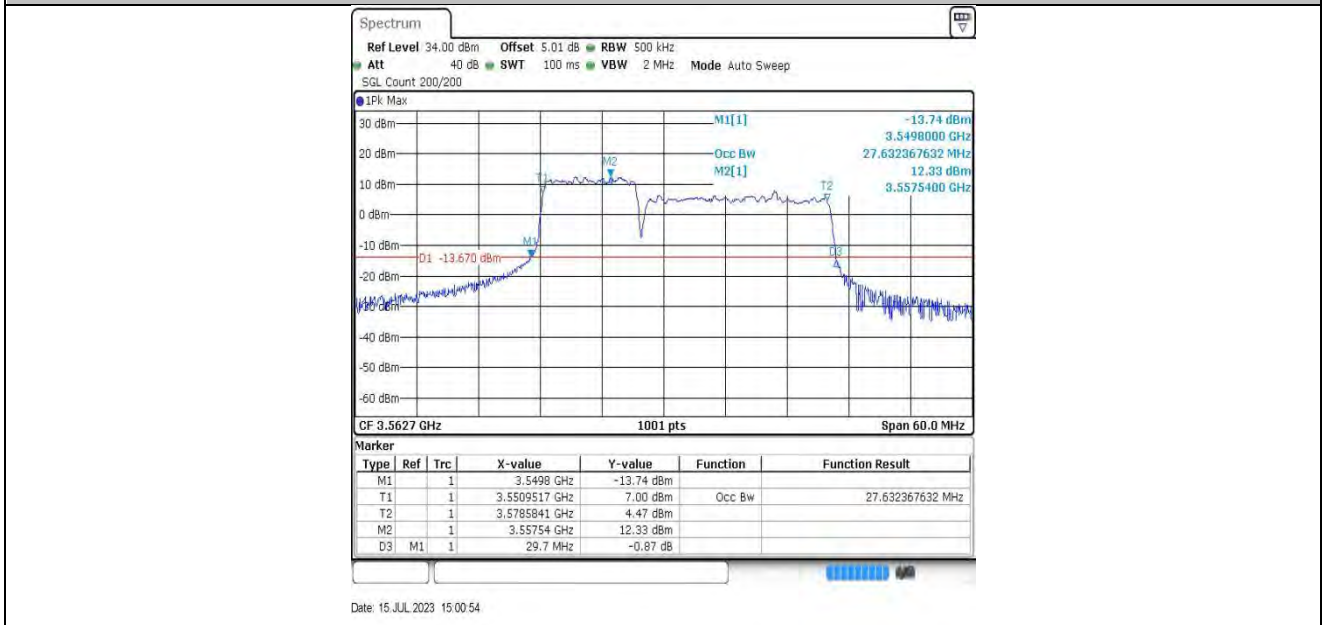
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10MHz-20MHz-56496-56640 64QAM-64QAM

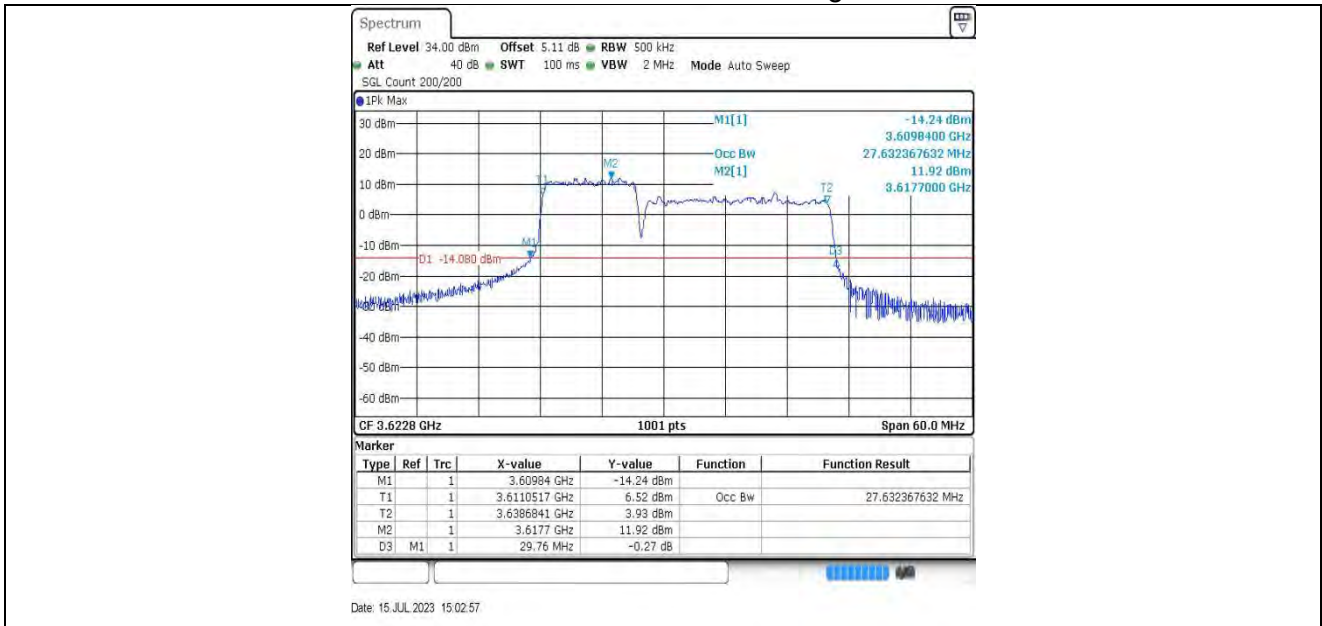


10MHz-20MHz-55295-55439 256QAM-256QAM

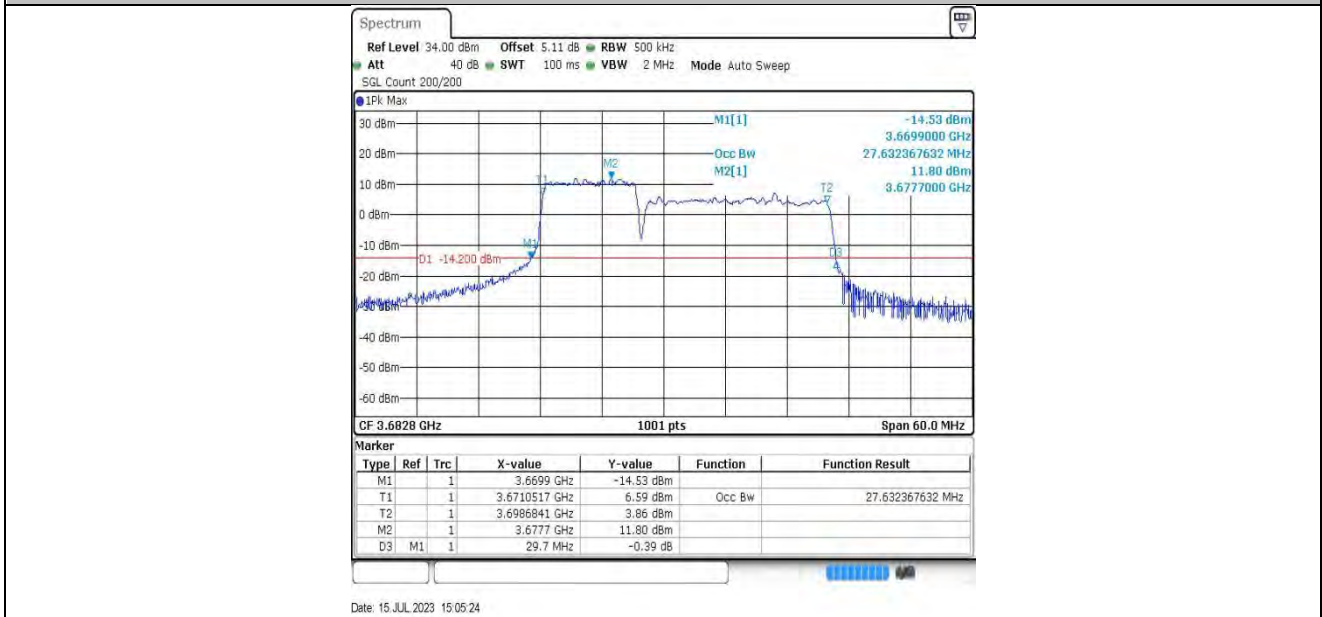


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10MHz-20MHz-55896-56040 256QAM-256QAM



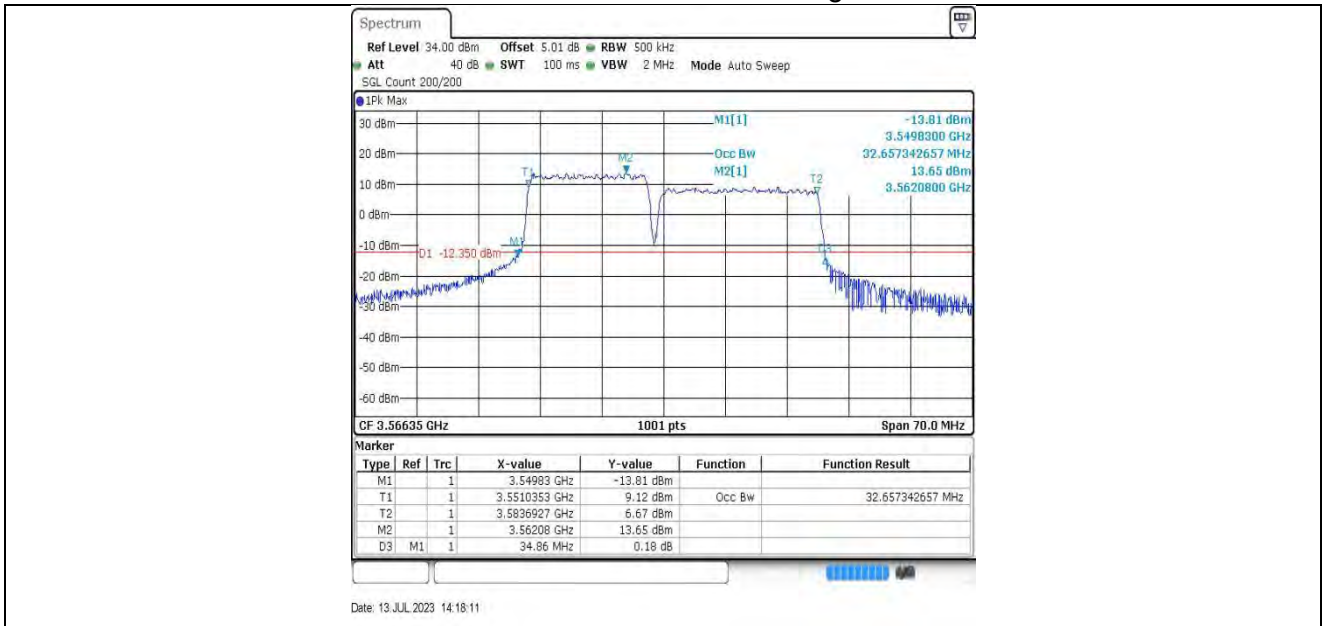
10MHz-20MHz-56496-56640 256QAM-256QAM



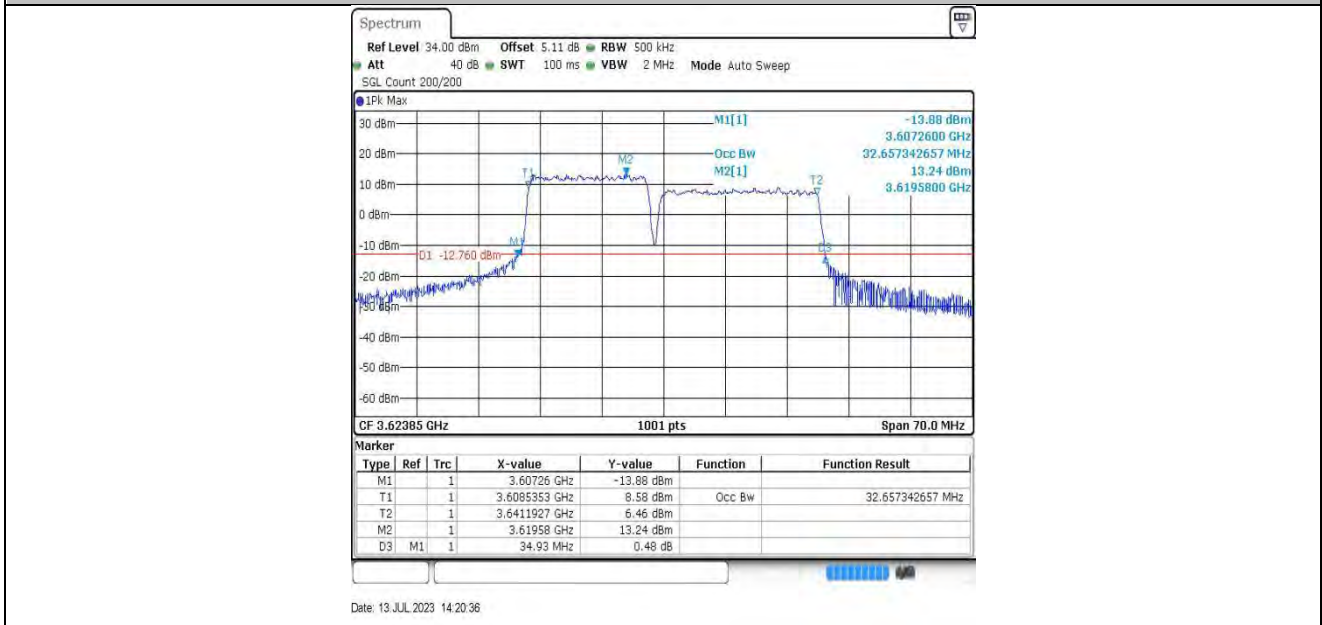
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15MHz-20MHz-55318-55489 QPSK-QPSK



15MHz-20MHz-55893-56064 QPSK-QPSK

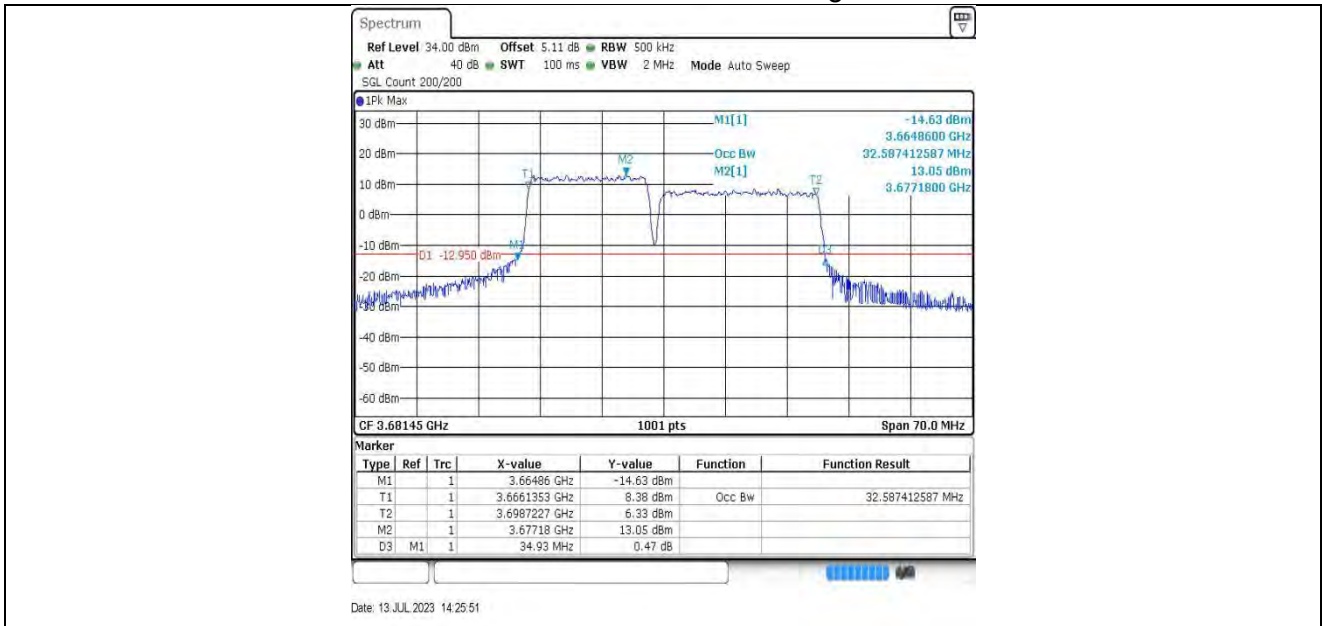


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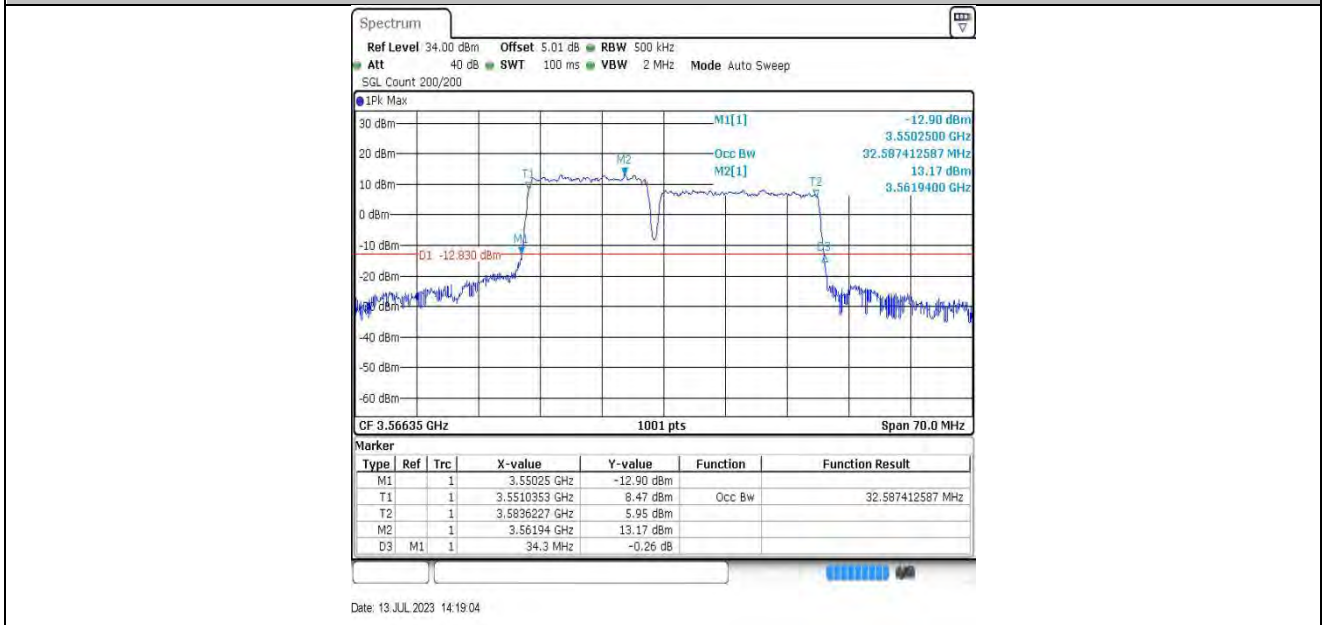
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15MHz-20MHz-56469-56640 QPSK-QPSK



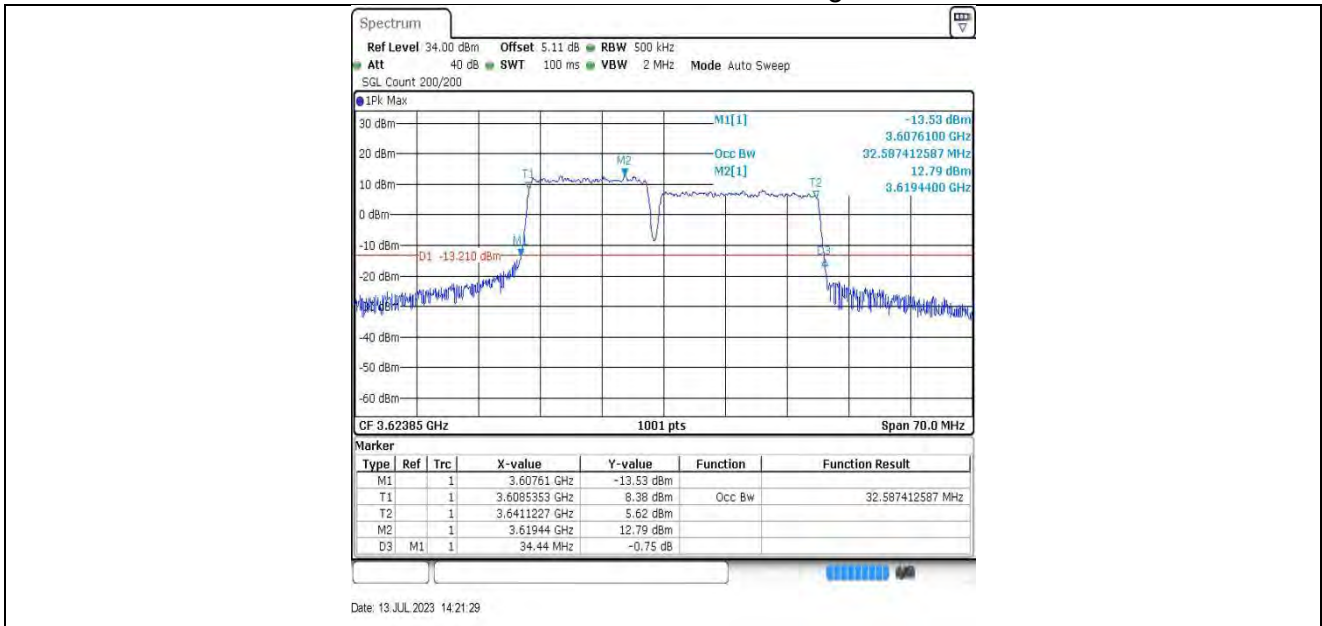
15MHz-20MHz-55318-55489 16QAM-16QAM



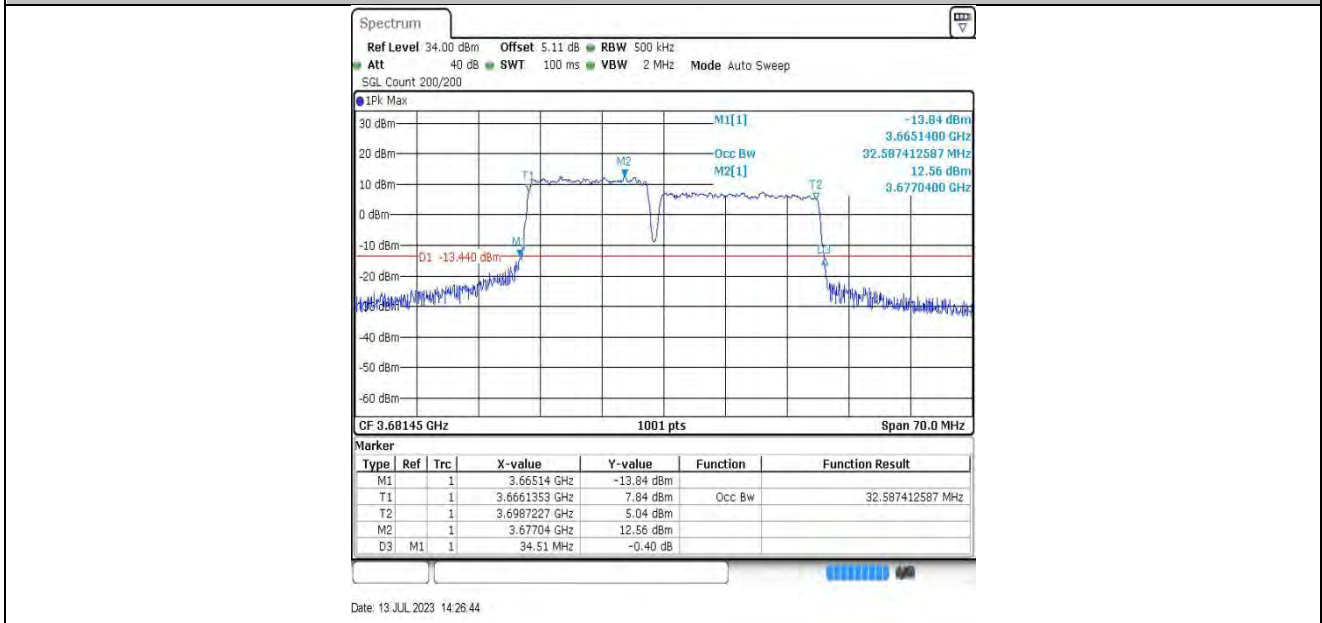
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15MHz-20MHz-55893-56064 16QAM-16QAM



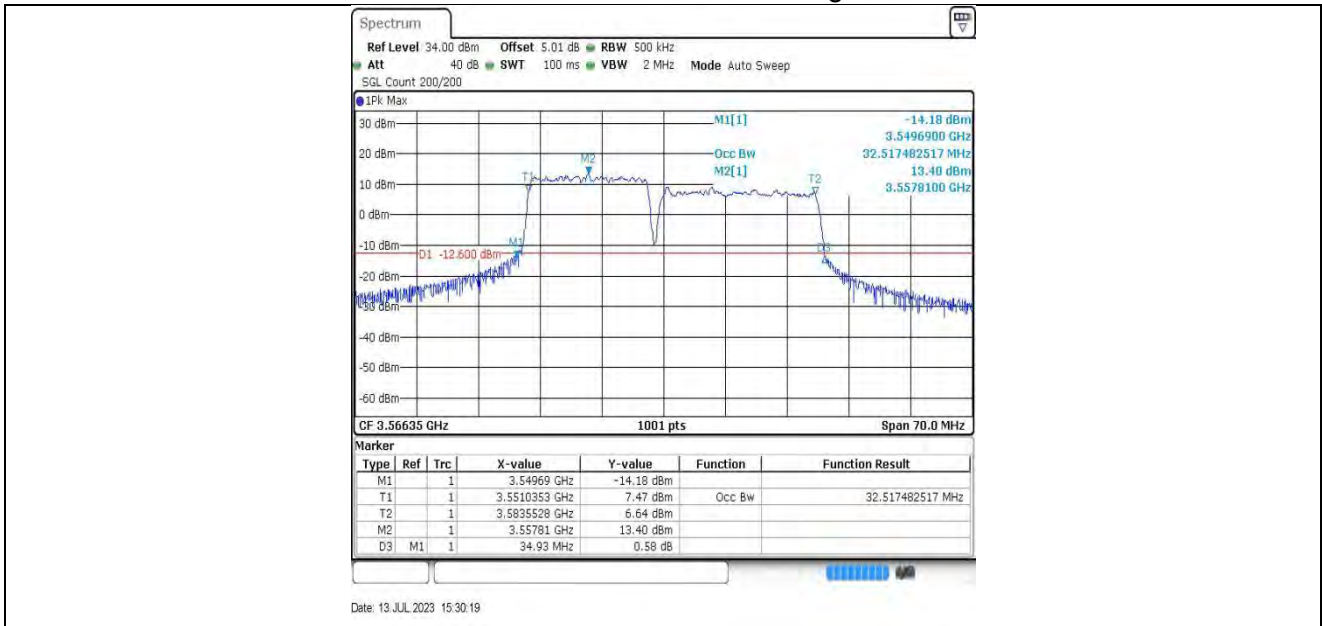
15MHz-20MHz-56469-56640 16QAM-16QAM



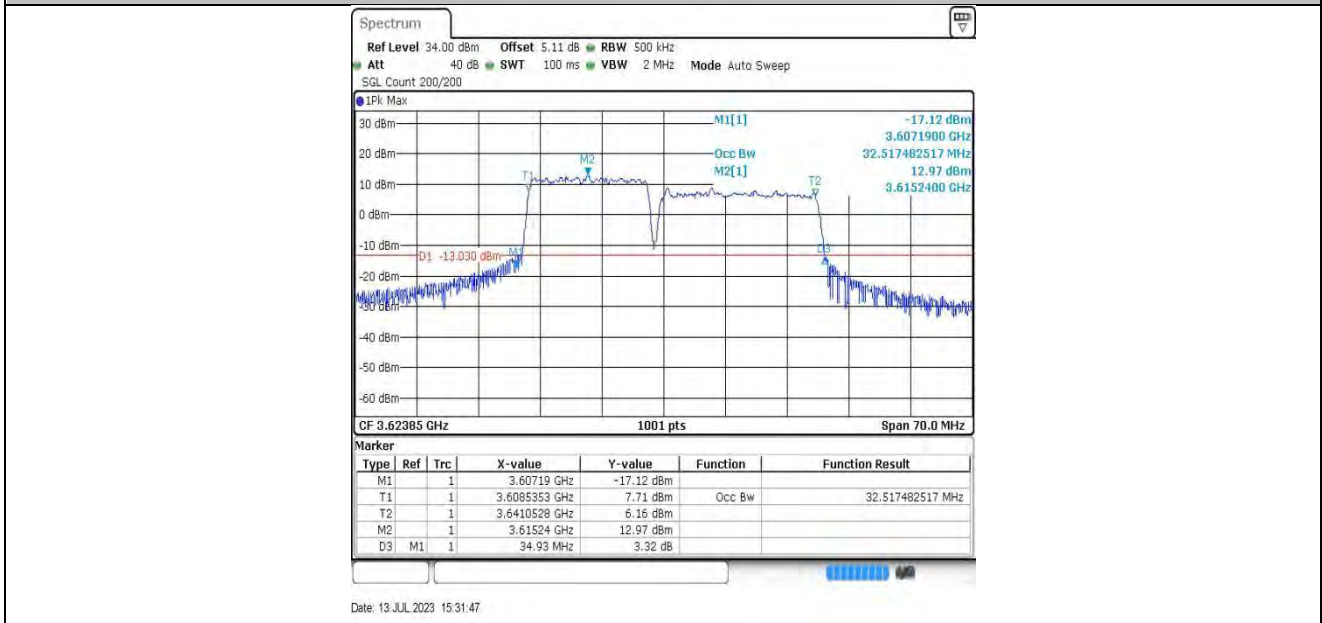
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15MHz-20MHz-55318-55489 64QAM-64QAM



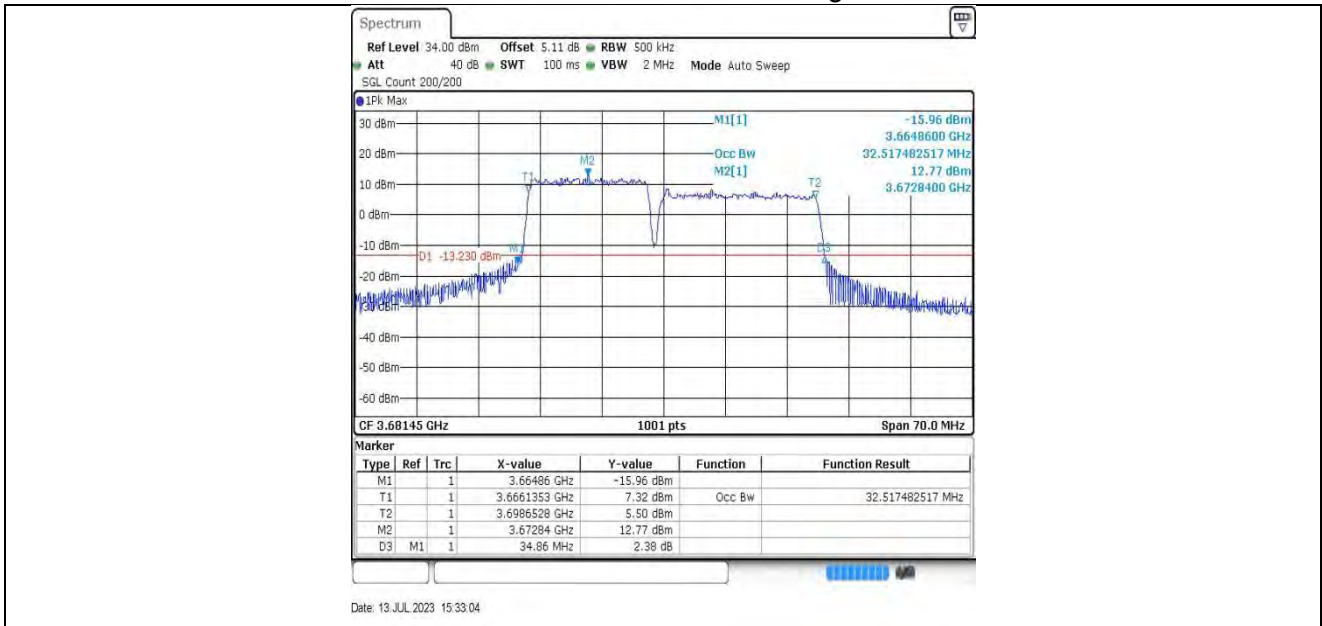
15MHz-20MHz-55893-56064 64QAM-64QAM



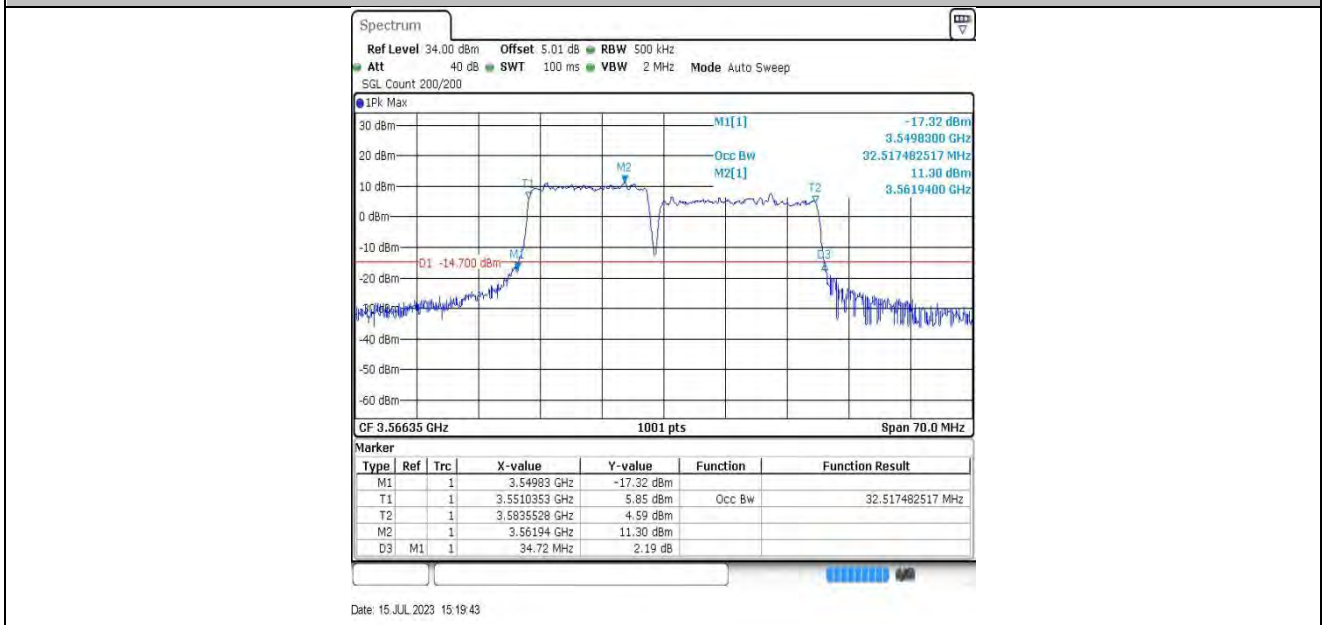
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15MHz-20MHz-56469-56640 64QAM-64QAM



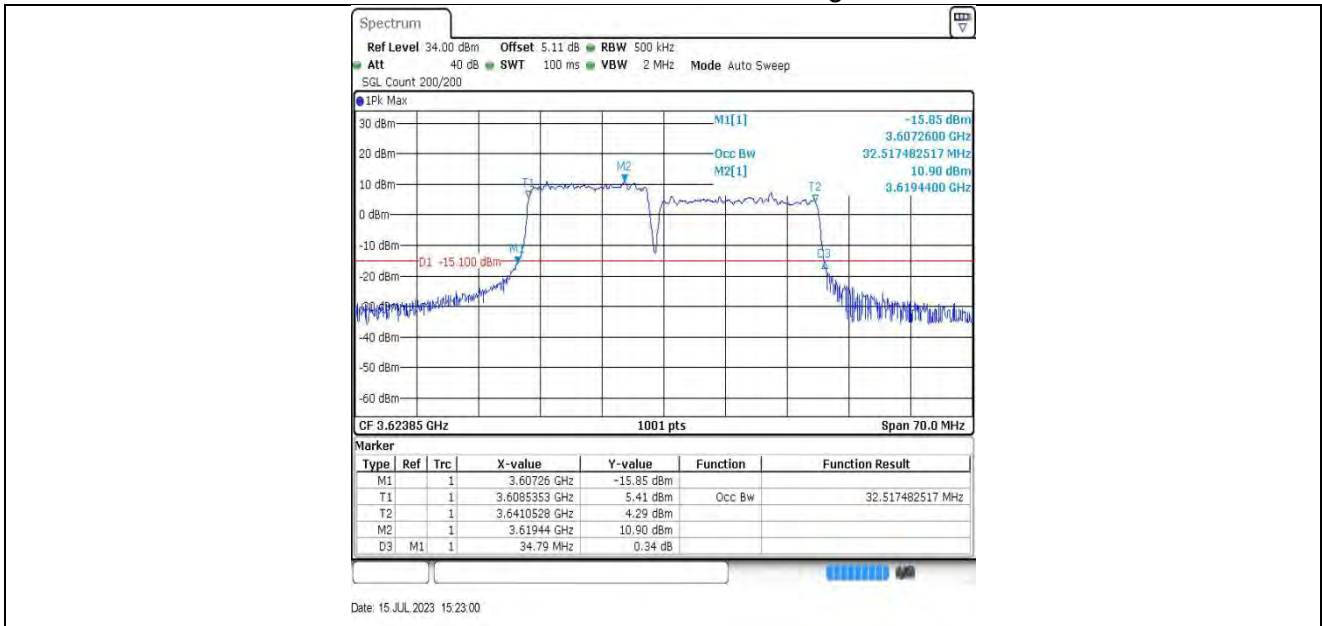
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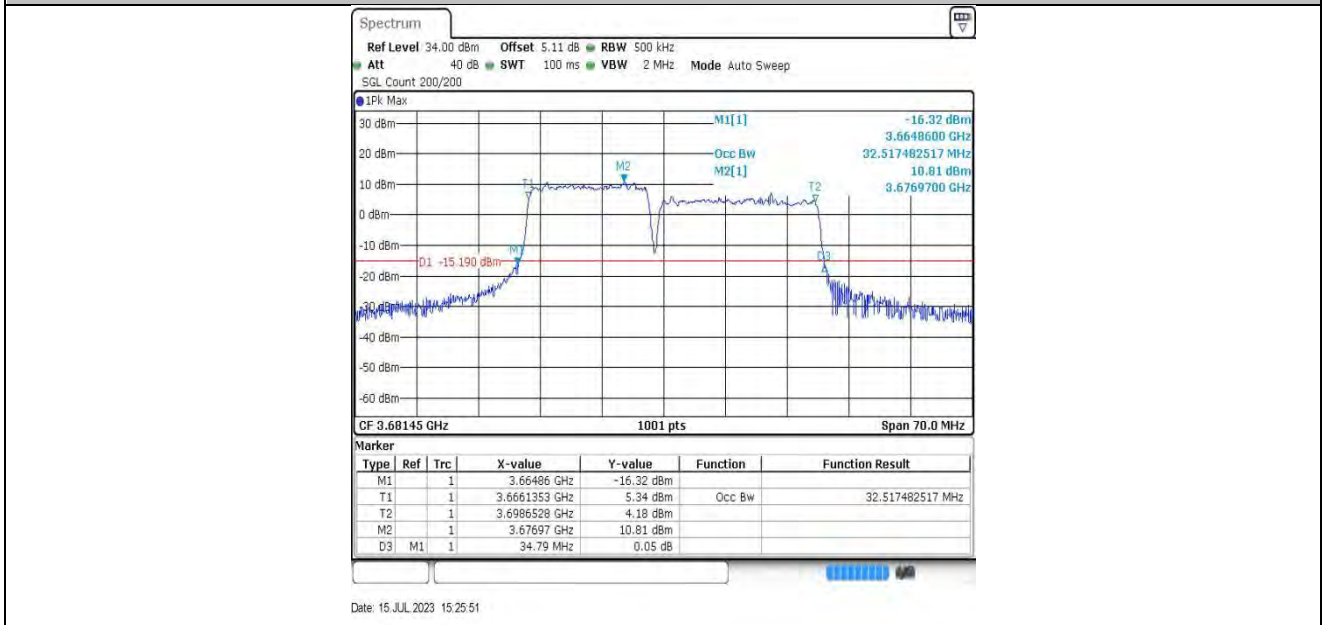
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15MHz-20MHz-55893-56064 256QAM-256QAM

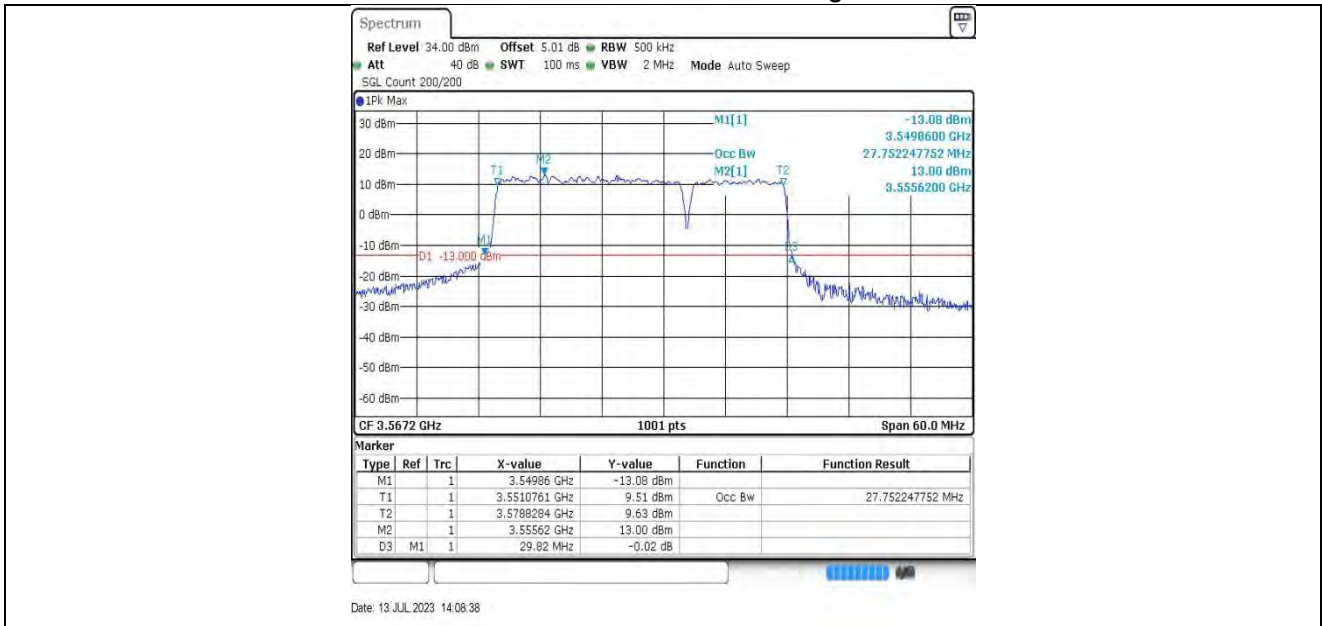


15MHz-20MHz-56469-56640 256QAM-256QAM

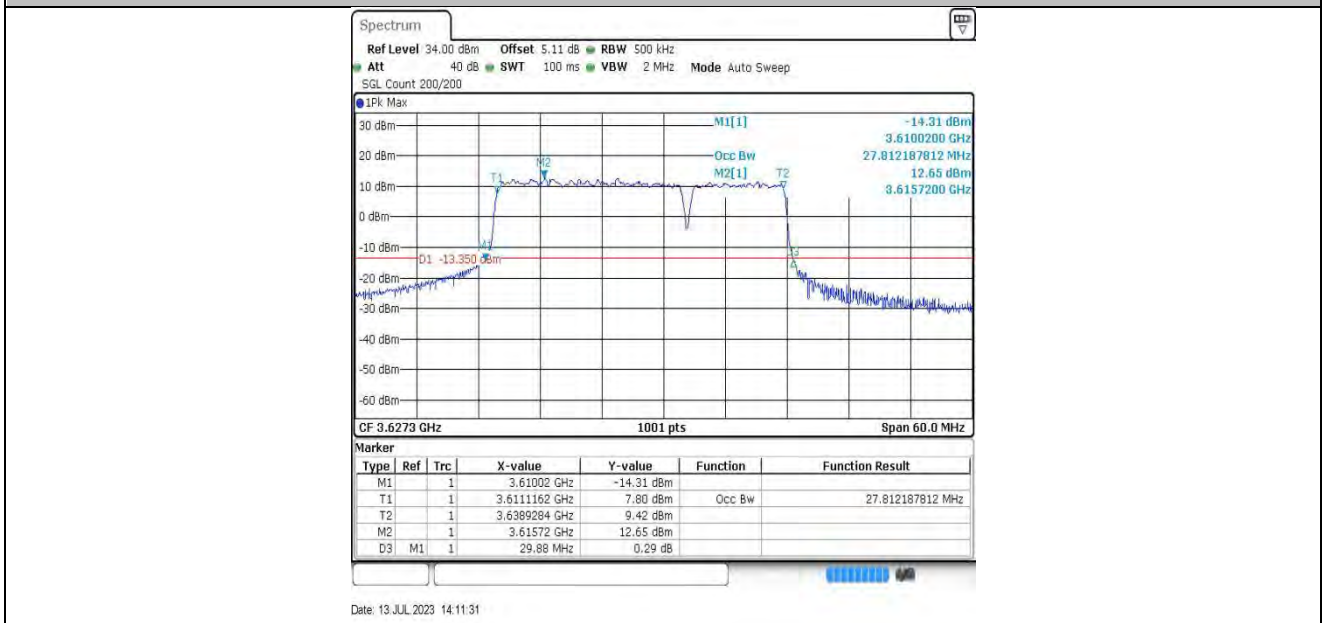


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20MHz-10MHz-55340-55484 QPSK-QPSK



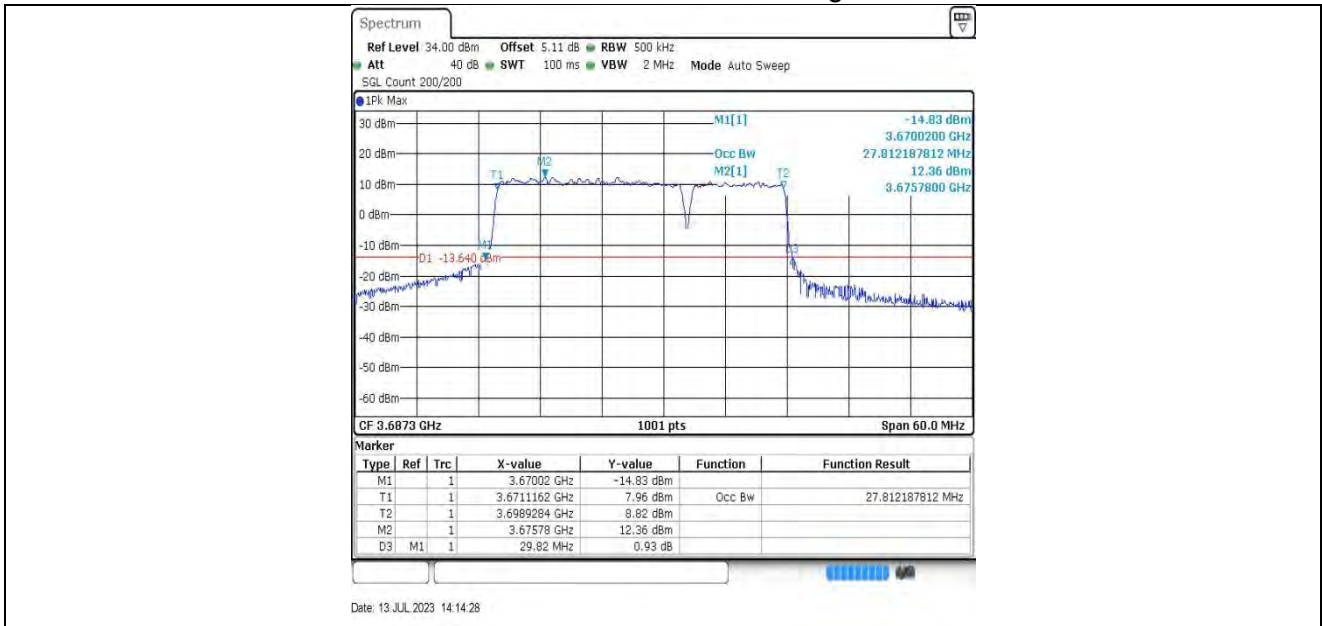
20MHz-10MHz-55941-56085 QPSK-QPSK



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Date: 13 JUL 2023 14:14:28

20MHz-10MHz-56541-56685 QPSK-QPSK



Date: 13 JUL 2023 14:15:20

20MHz-10MHz-56541-56685 16QAM-16QAM



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20MHz-10MHz-55340-55484 16QAM-16QAM



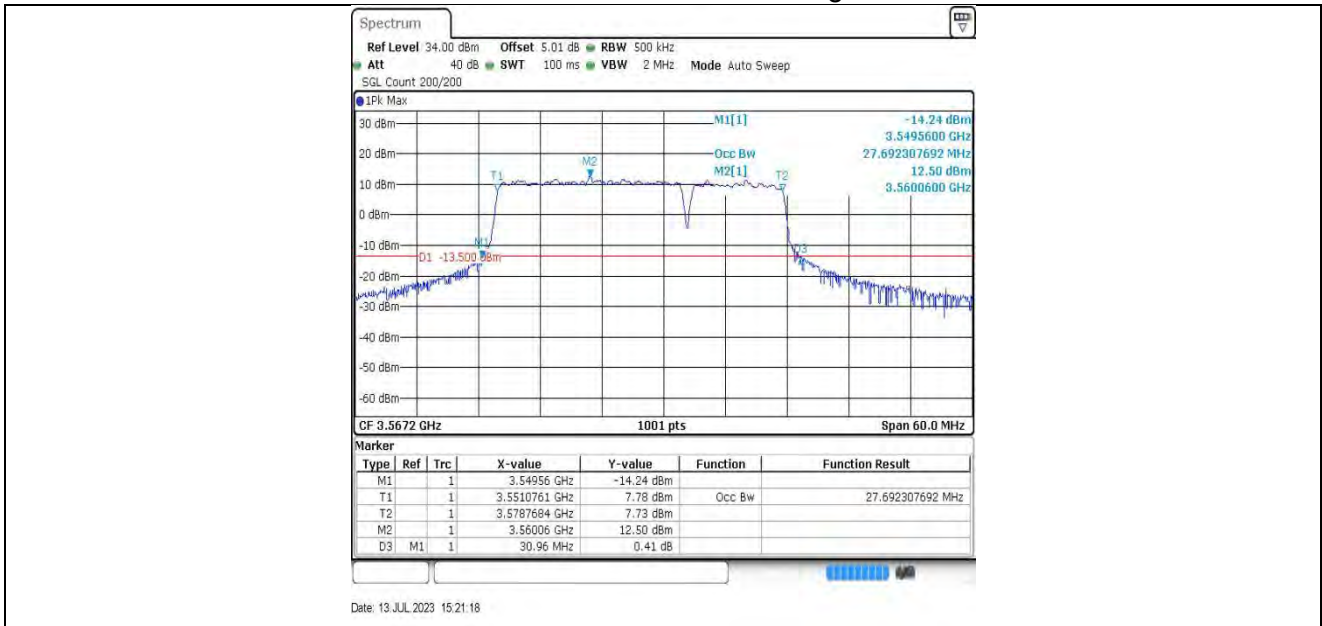
20MHz-10MHz-55941-56085 16QAM-16QAM



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20MHz-10MHz-55340-55484 64QAM-64QAM



20MHz-10MHz-55941-56085 64QAM-64QAM



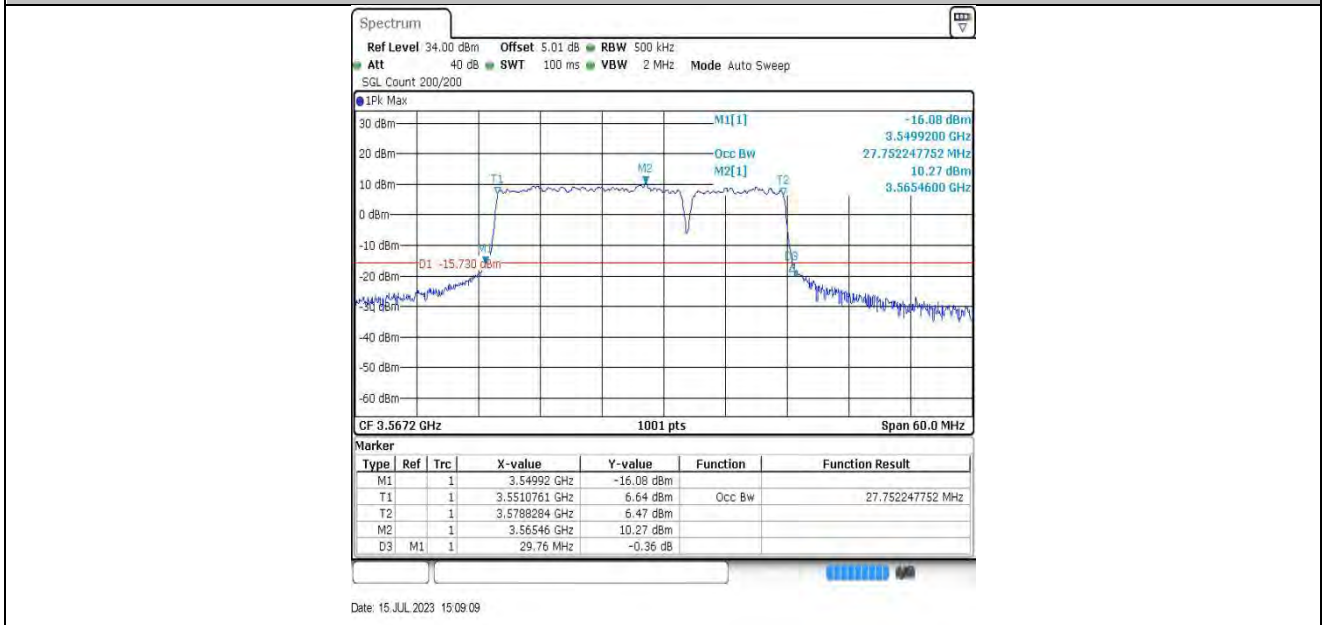
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20MHz-10MHz-56541-56685 64QAM-64QAM



20MHz-10MHz-55340-55484 256QAM-256QAM



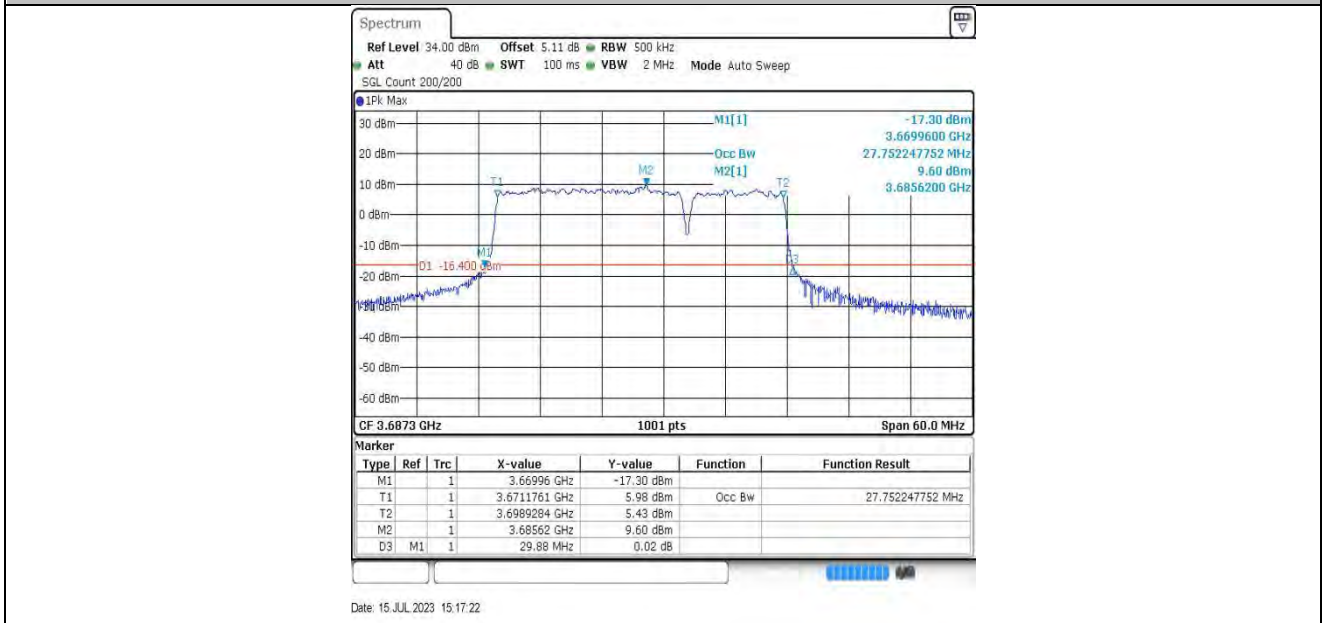
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20MHz-10MHz-55941-56085 256QAM-256QAM



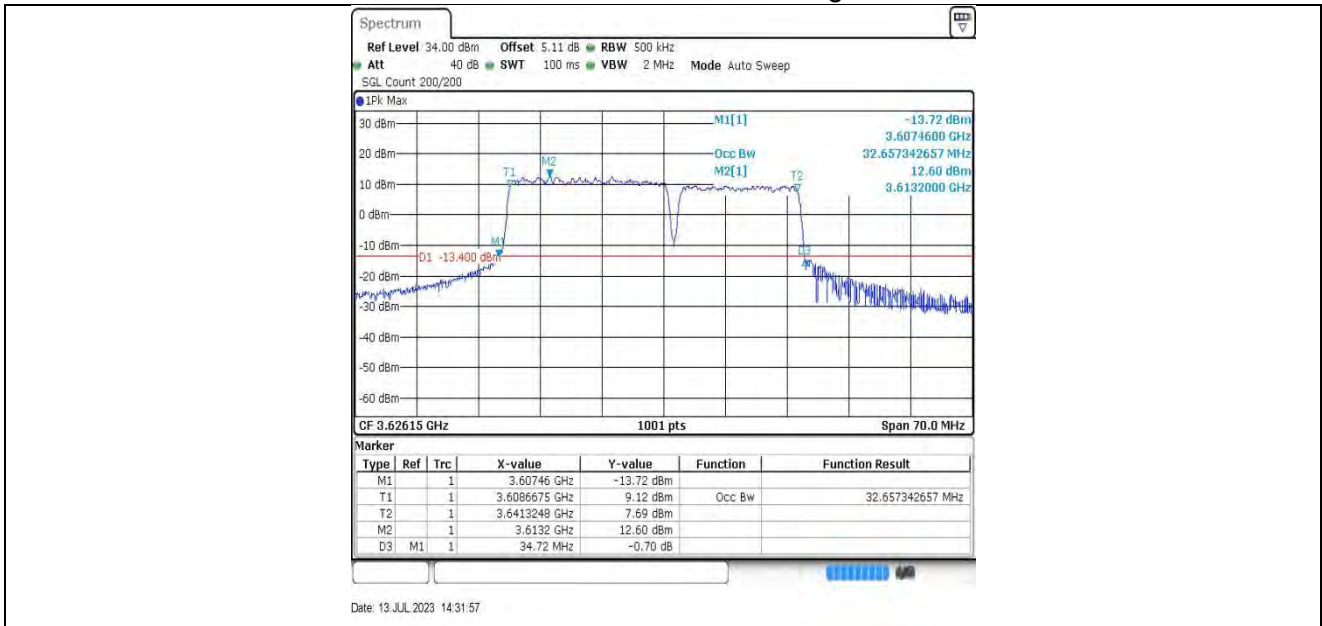
20MHz-10MHz-56541-56685 256QAM-256QAM



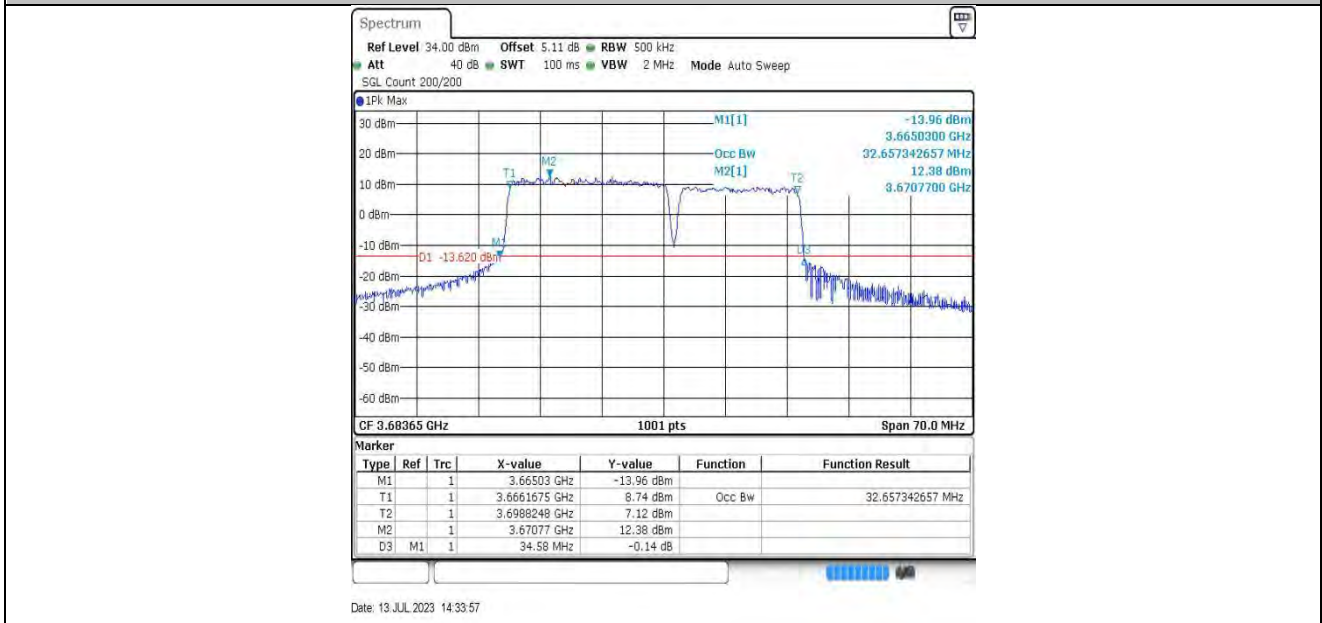
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20MHz-15MHz-55916-56087 QPSK-QPSK

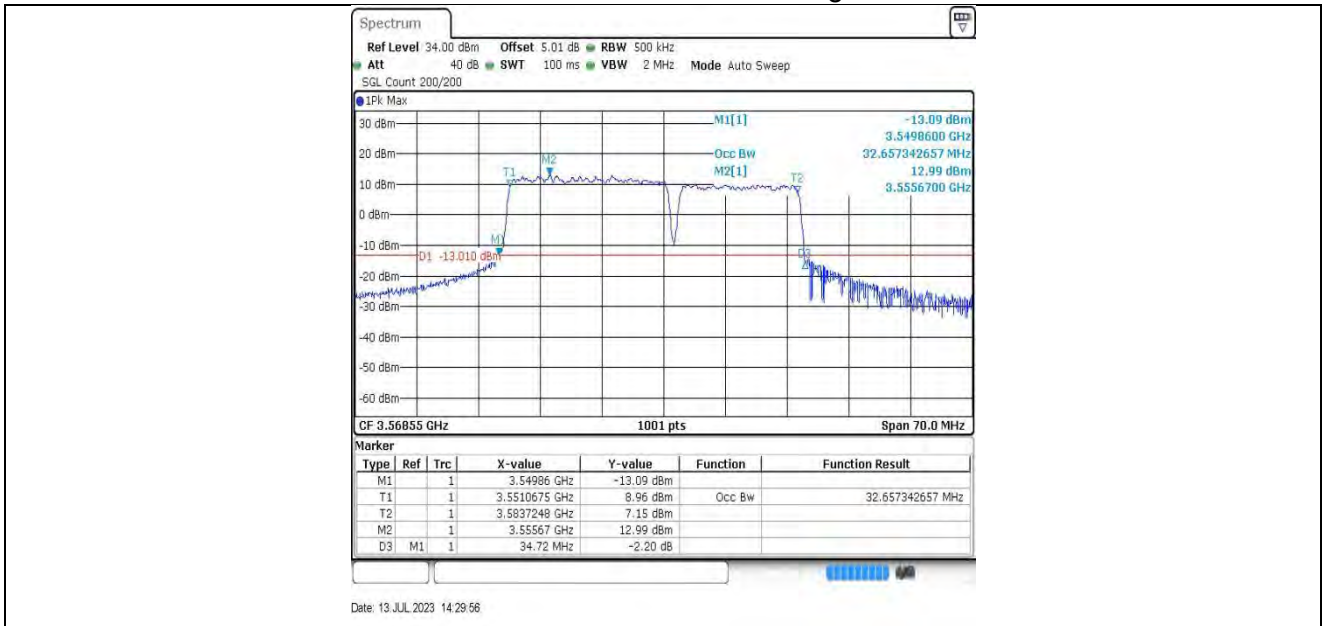


20MHz-15MHz-56491-56662 QPSK-QPSK



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20MHz-15MHz-55340-55511 QPSK-QPSK



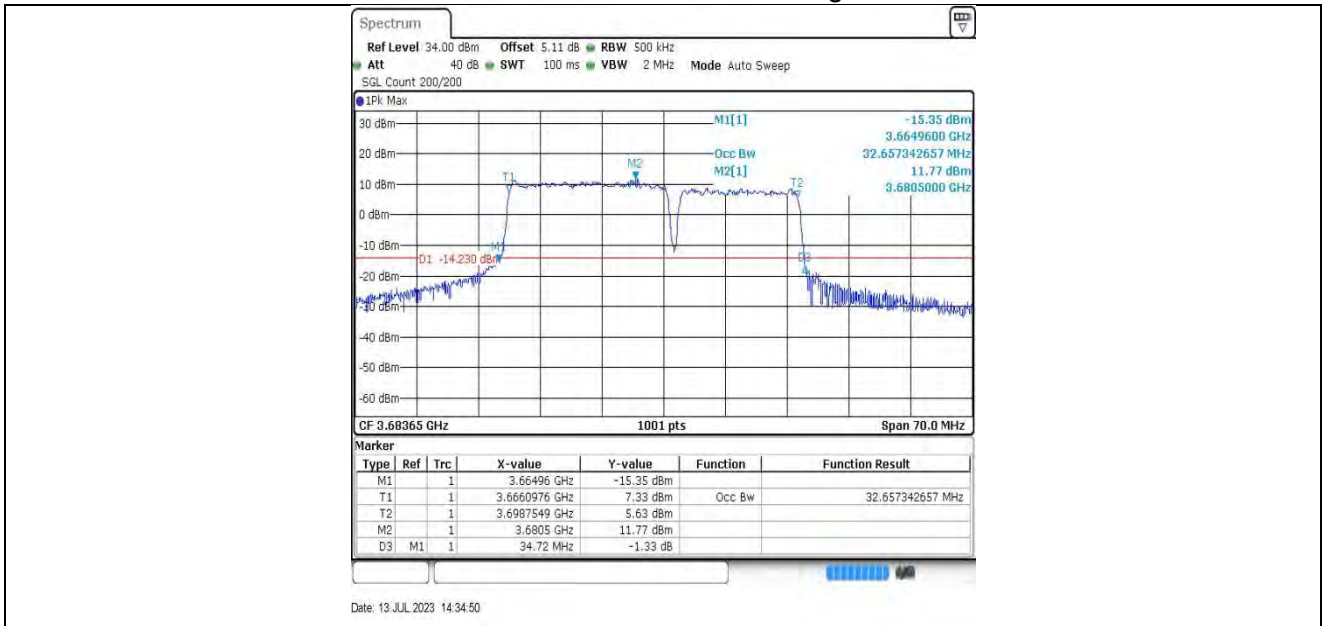
20MHz-15MHz-55916-56087 16QAM-16QAM



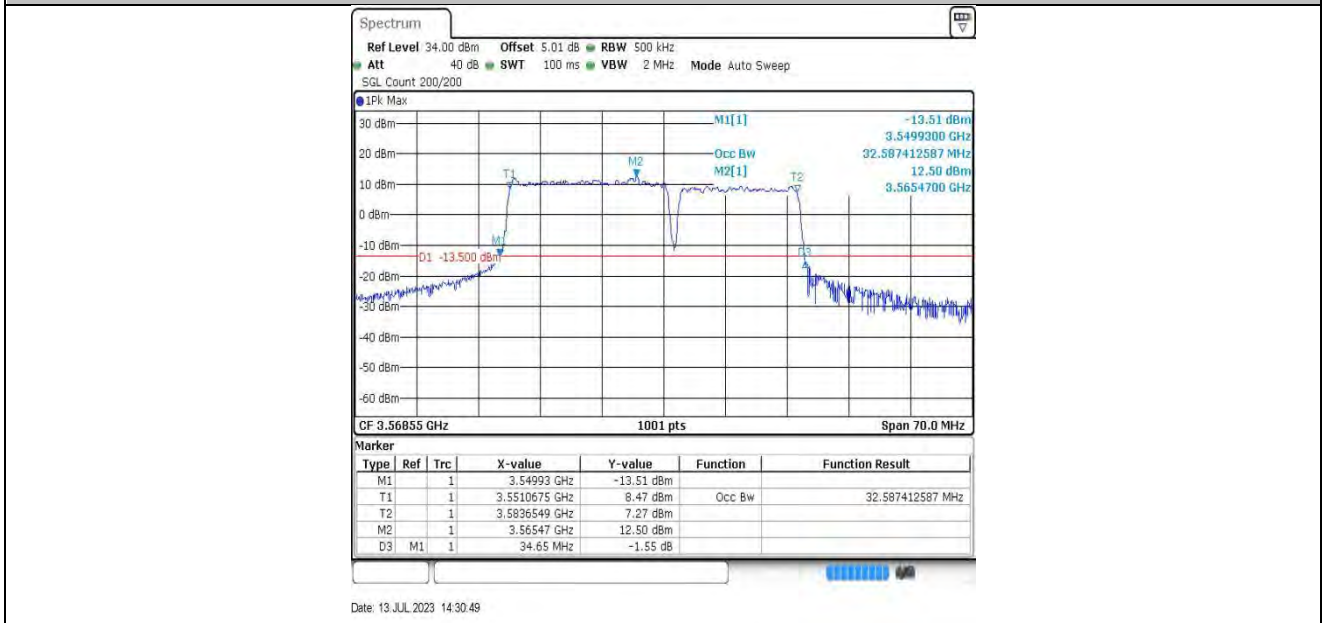
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20MHz-15MHz-56491-56662 16QAM-16QAM



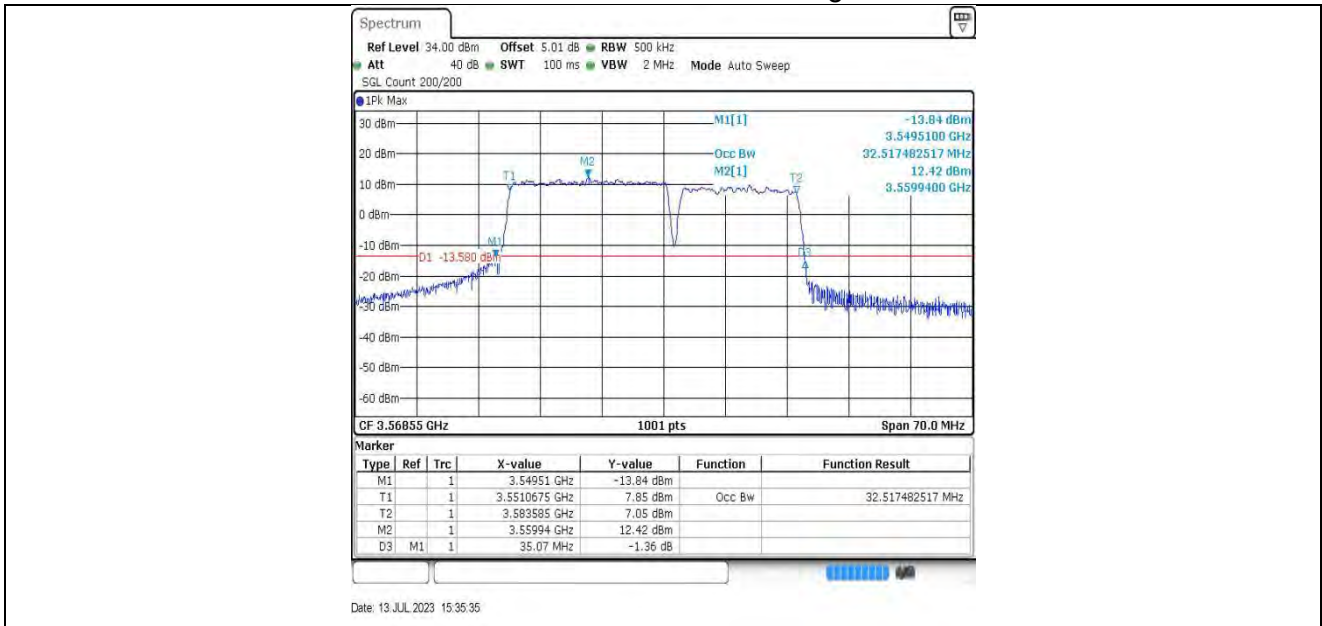
20MHz-15MHz-55340-55511 16QAM-16QAM



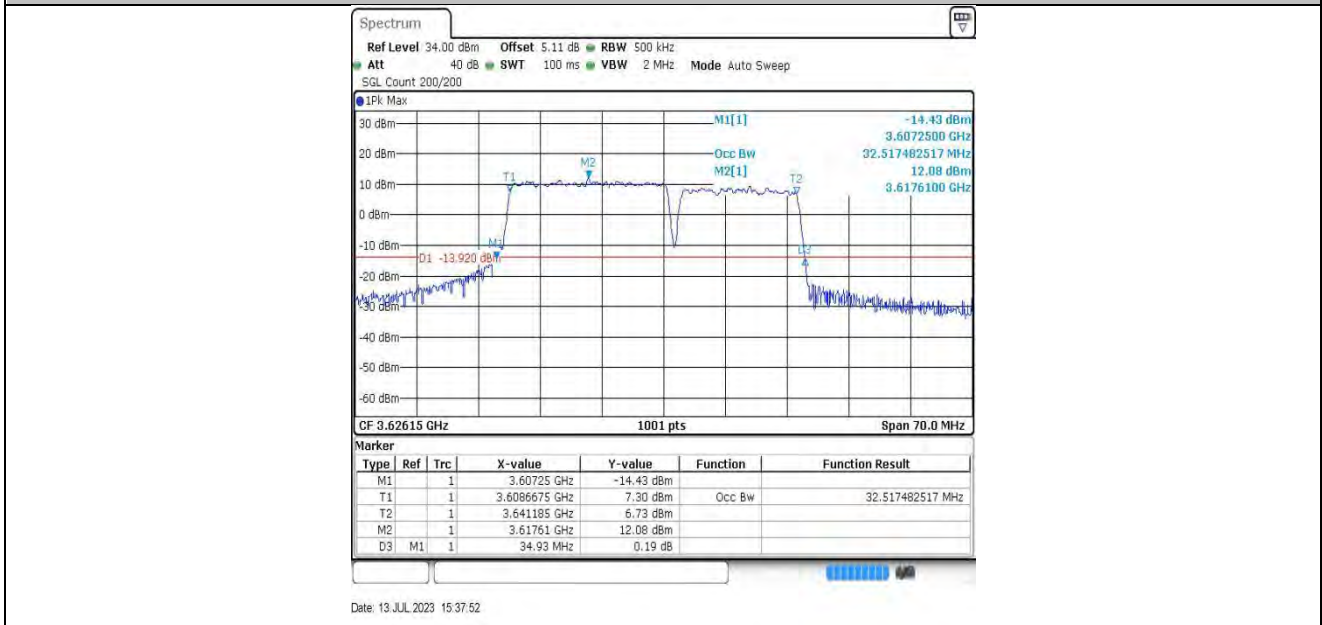
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20MHz-15MHz-55340-55511 64QAM-64QAM

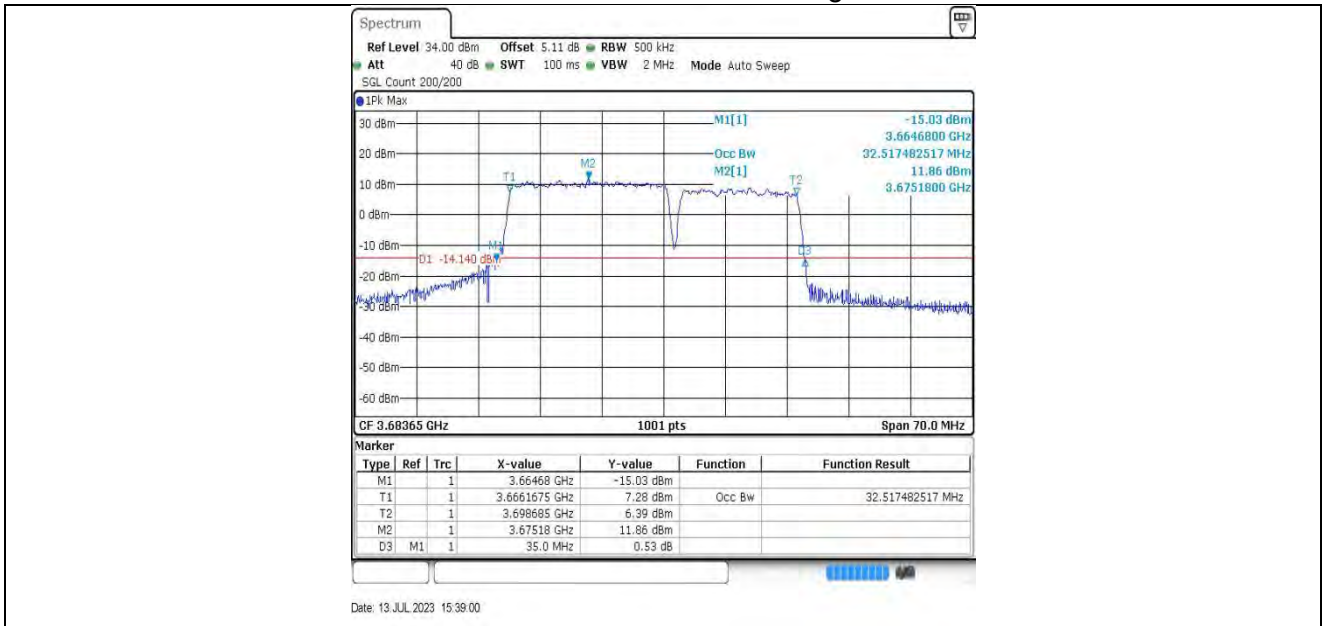


20MHz-15MHz-55916-56087 64QAM-64QAM

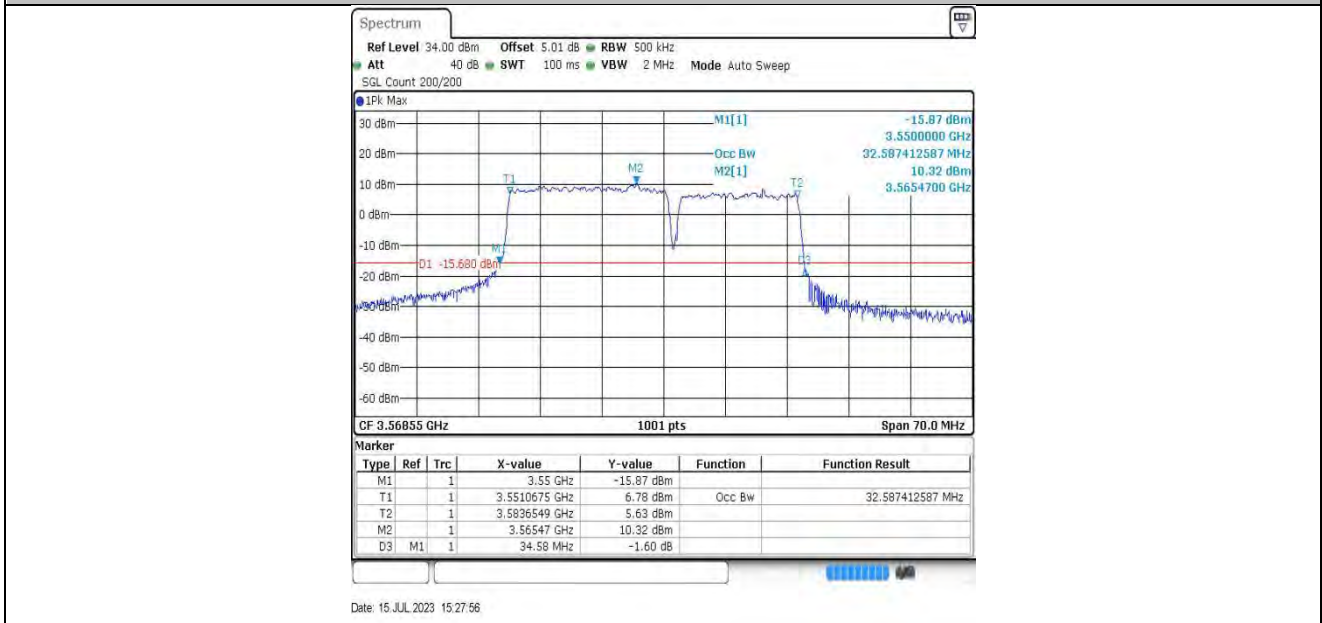


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20MHz-15MHz-56491-56662 64QAM-64QAM



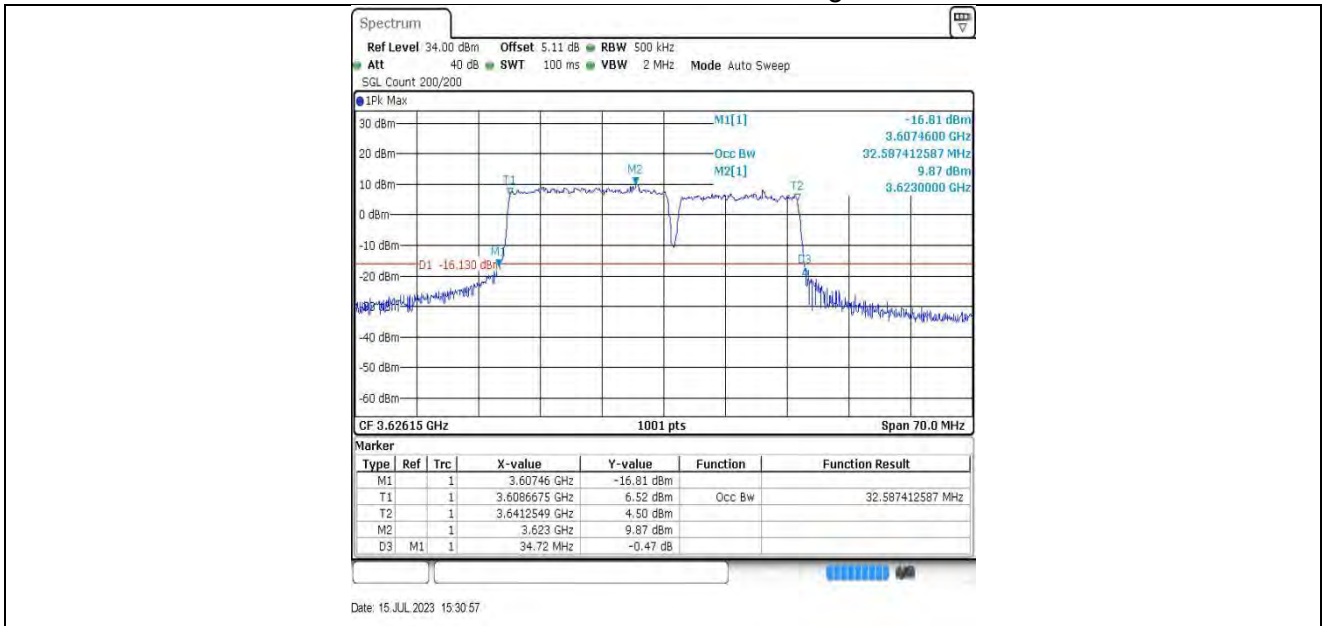
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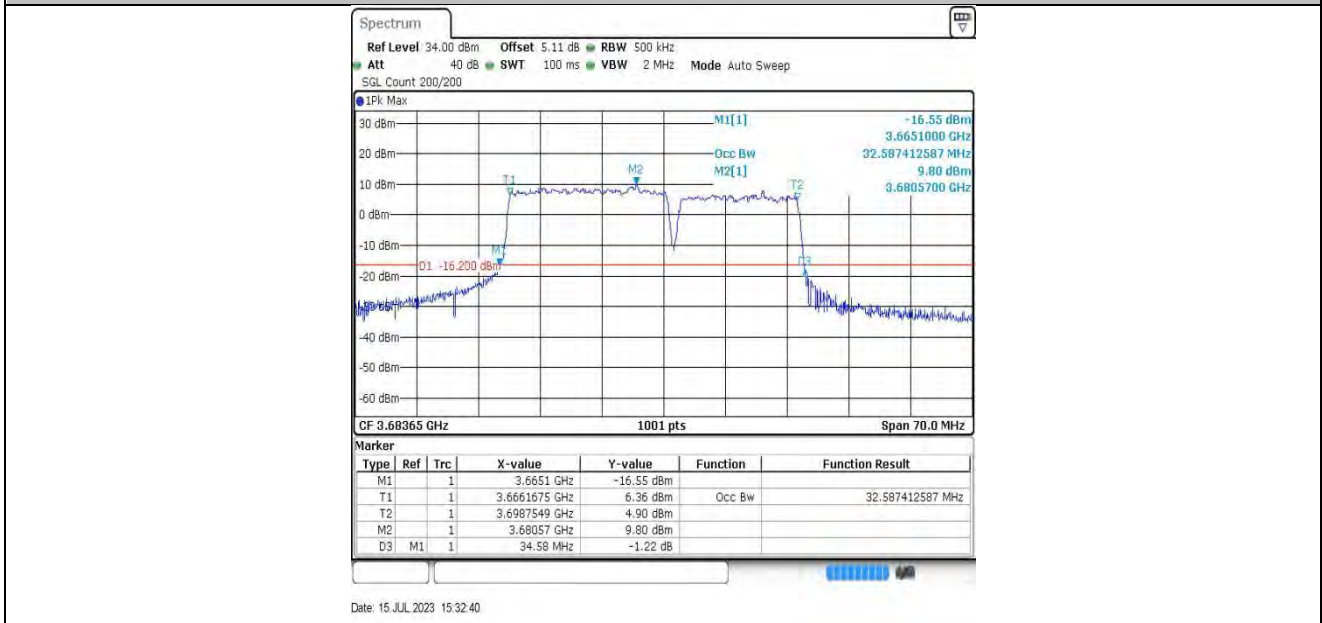
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20MHz-15MHz-55916-56087 256QAM-256QAM



20MHz-15MHz-56491-56662 256QAM-256QAM



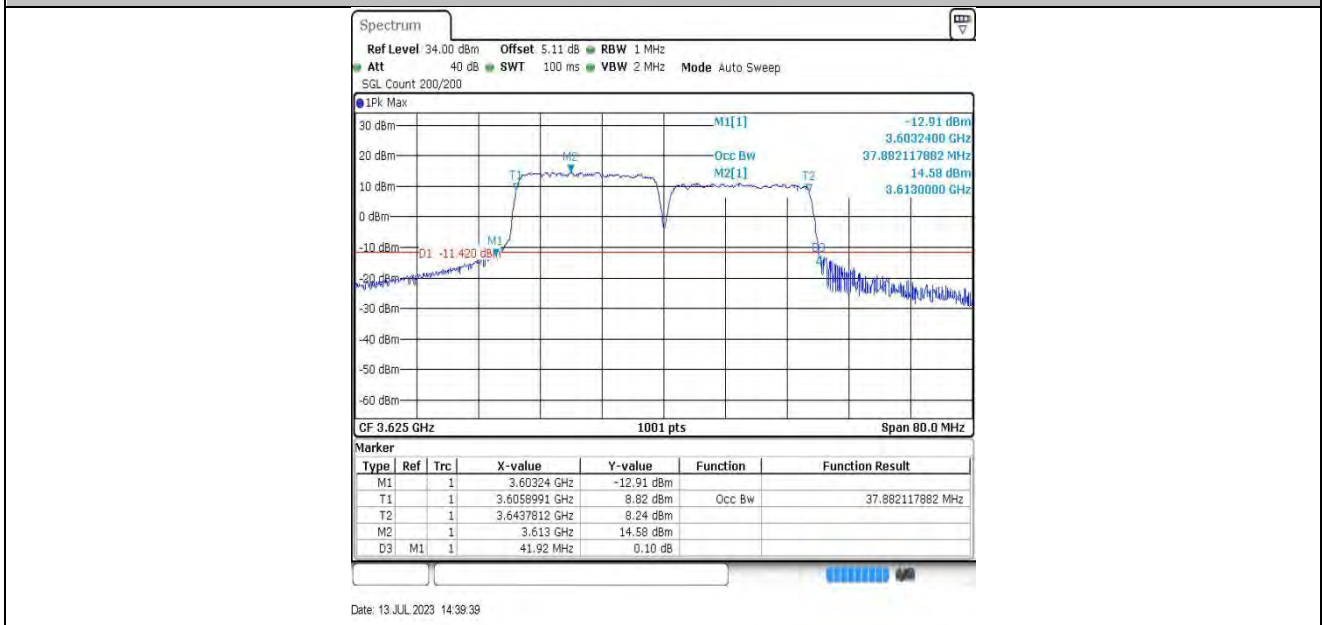
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20MHz-20MHz-55340-55538 QPSK-QPSK



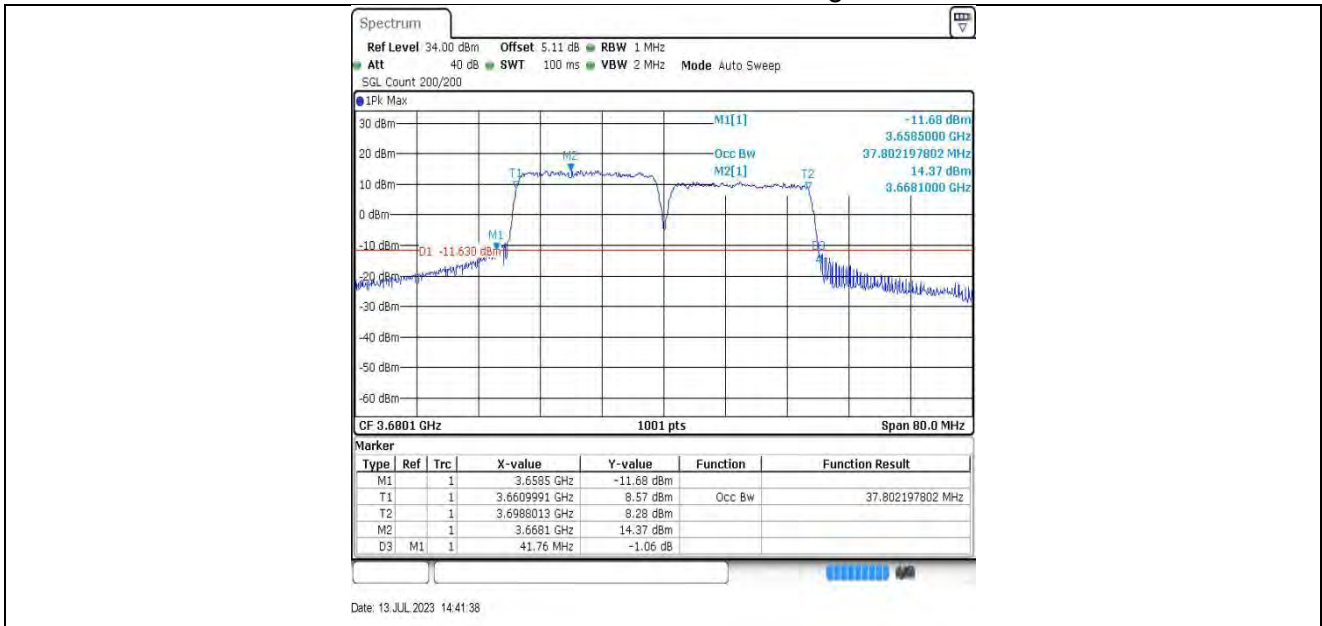
20MHz-20MHz-55891-56089 QPSK-QPSK



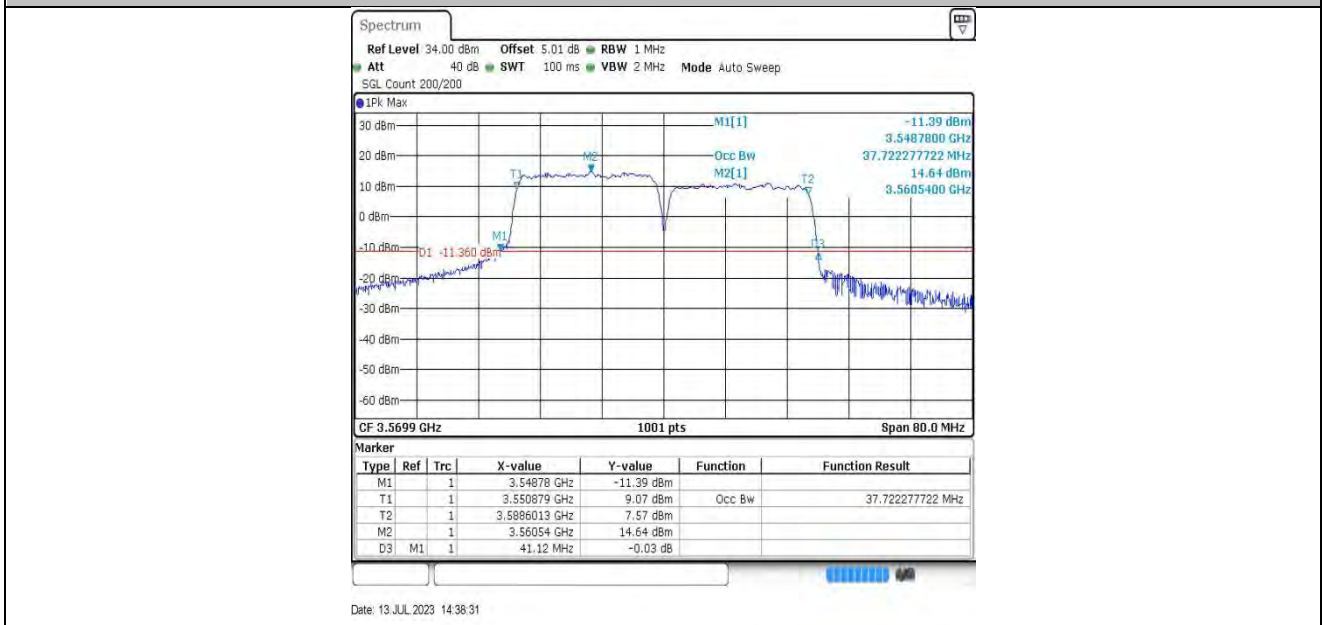
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20MHz-20MHz-56442-56640 QPSK-QPSK



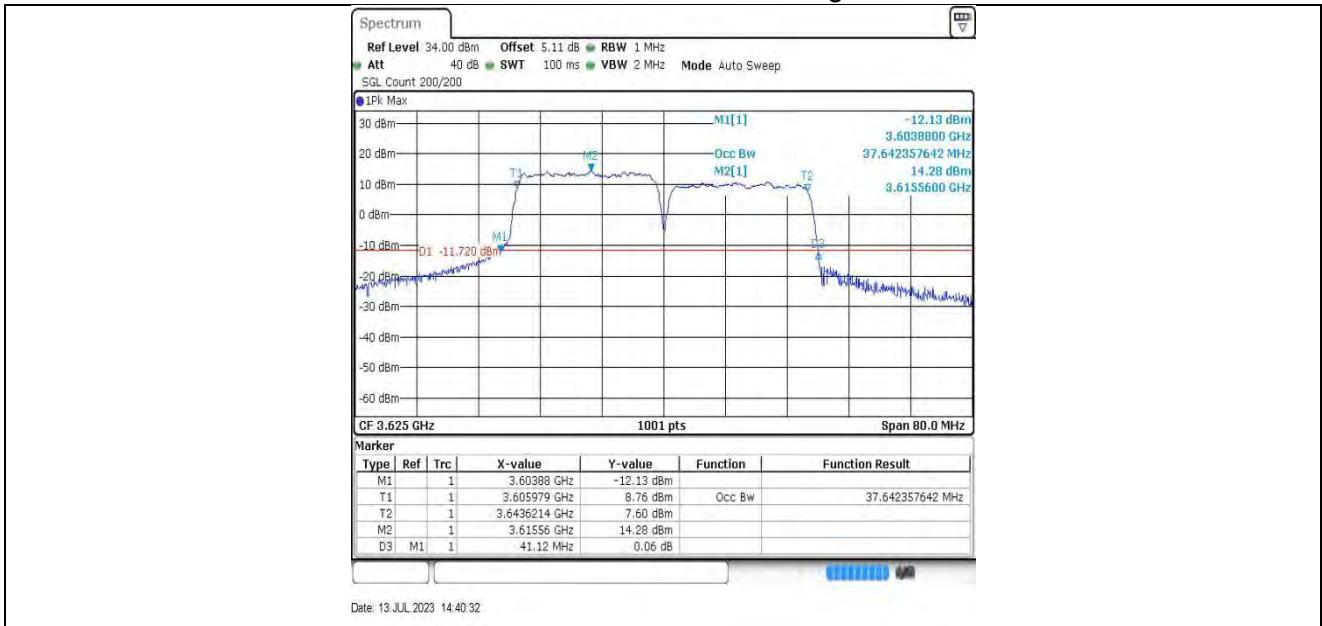
20MHz-20MHz-55340-55538 16QAM-16QAM



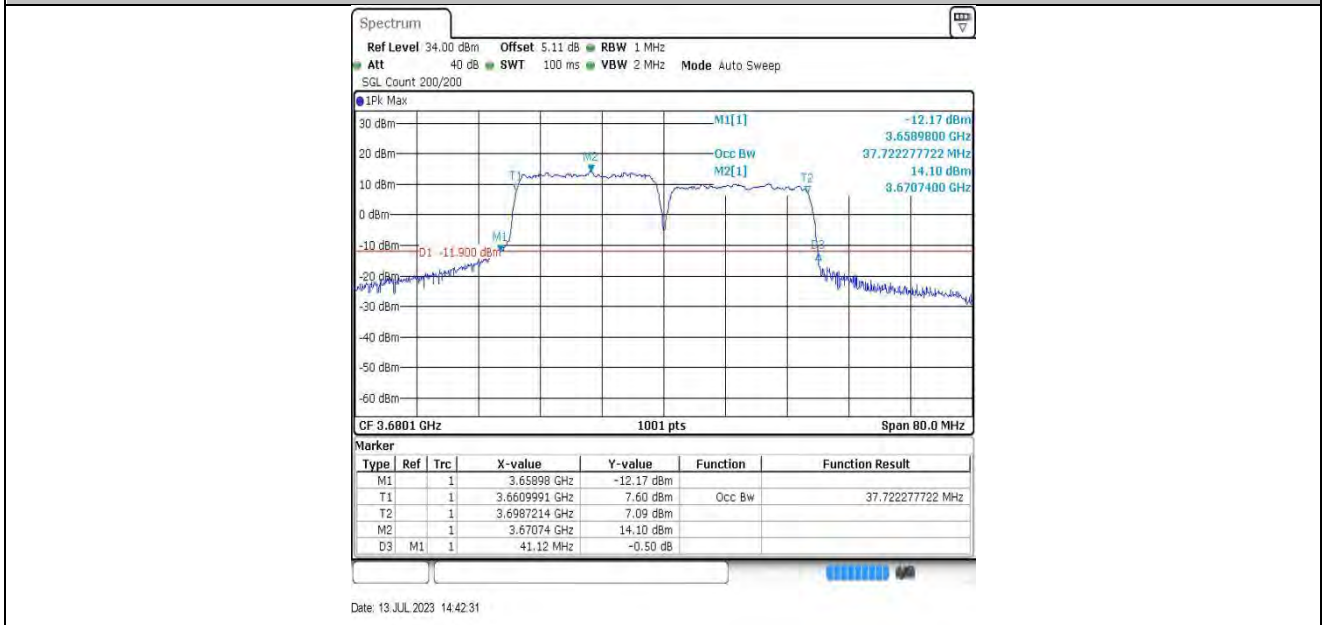
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20MHz-20MHz-55891-56089 16QAM-16QAM



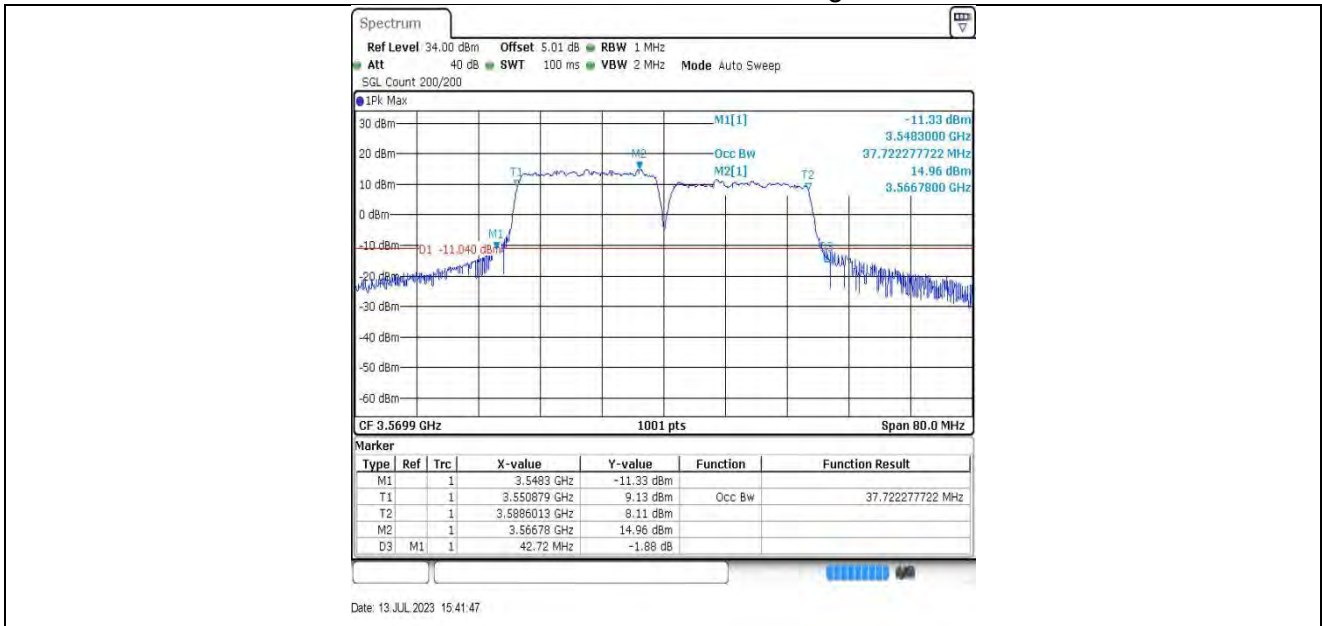
20MHz-20MHz-56442-56640 16QAM-16QAM



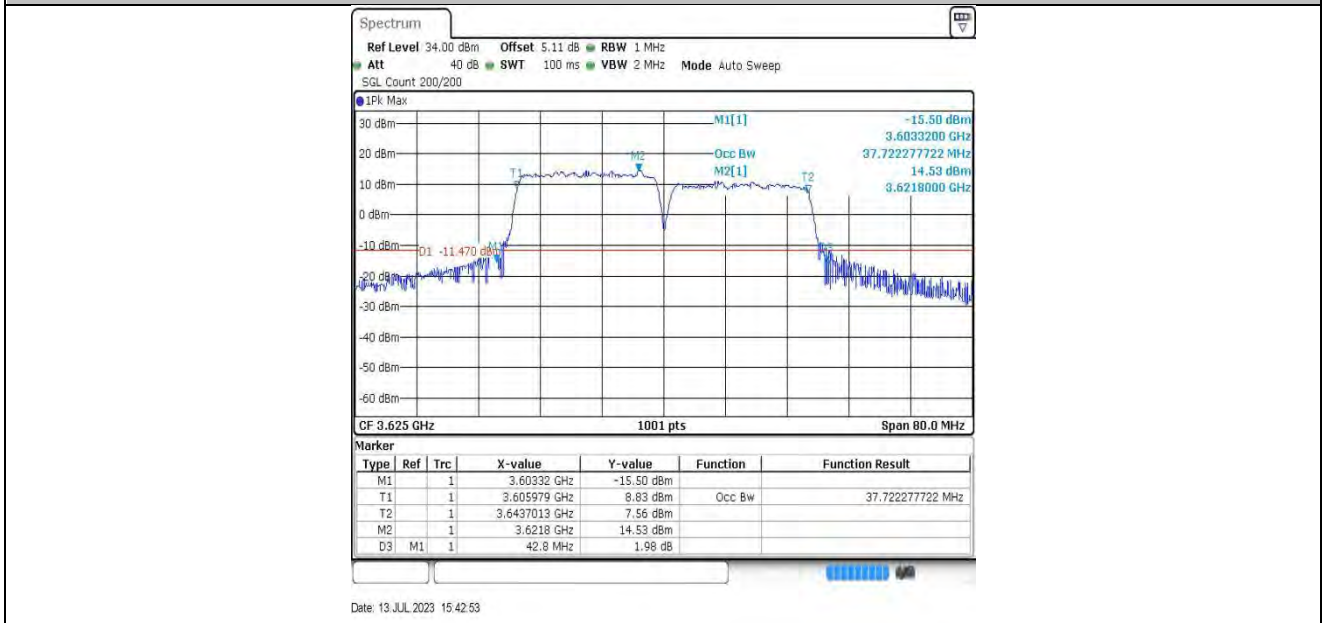
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20MHz-20MHz-55340-55538 64QAM-64QAM

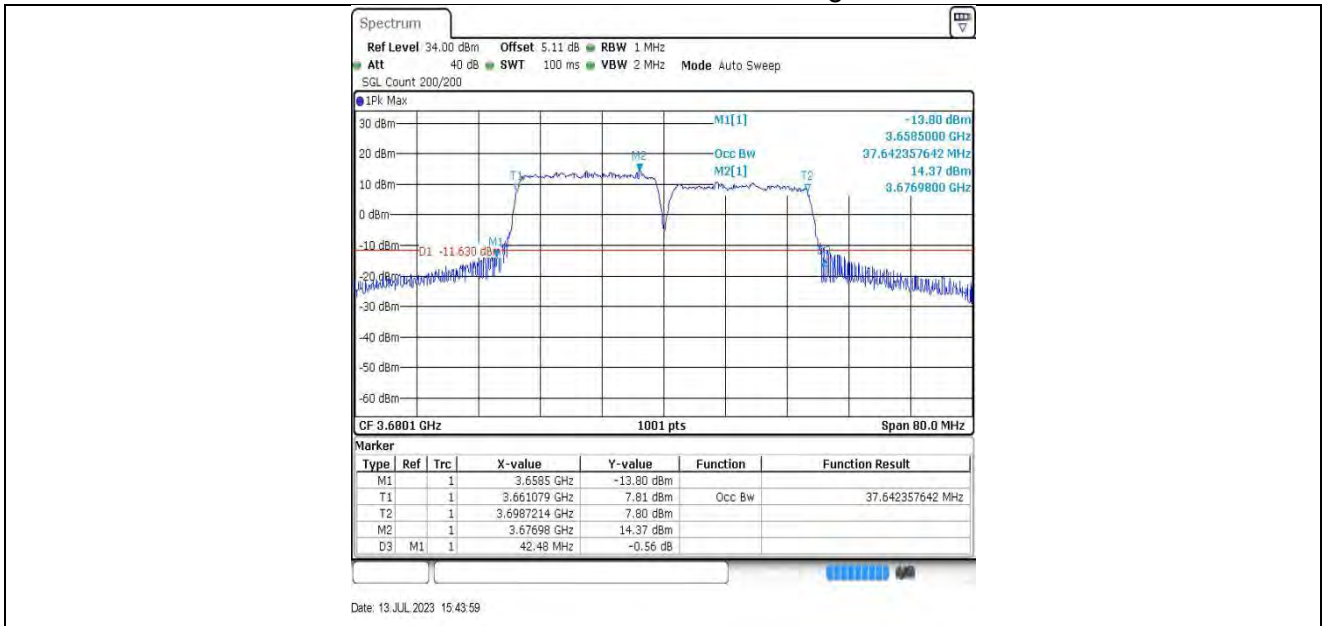


20MHz-20MHz-55891-56089 64QAM-64QAM

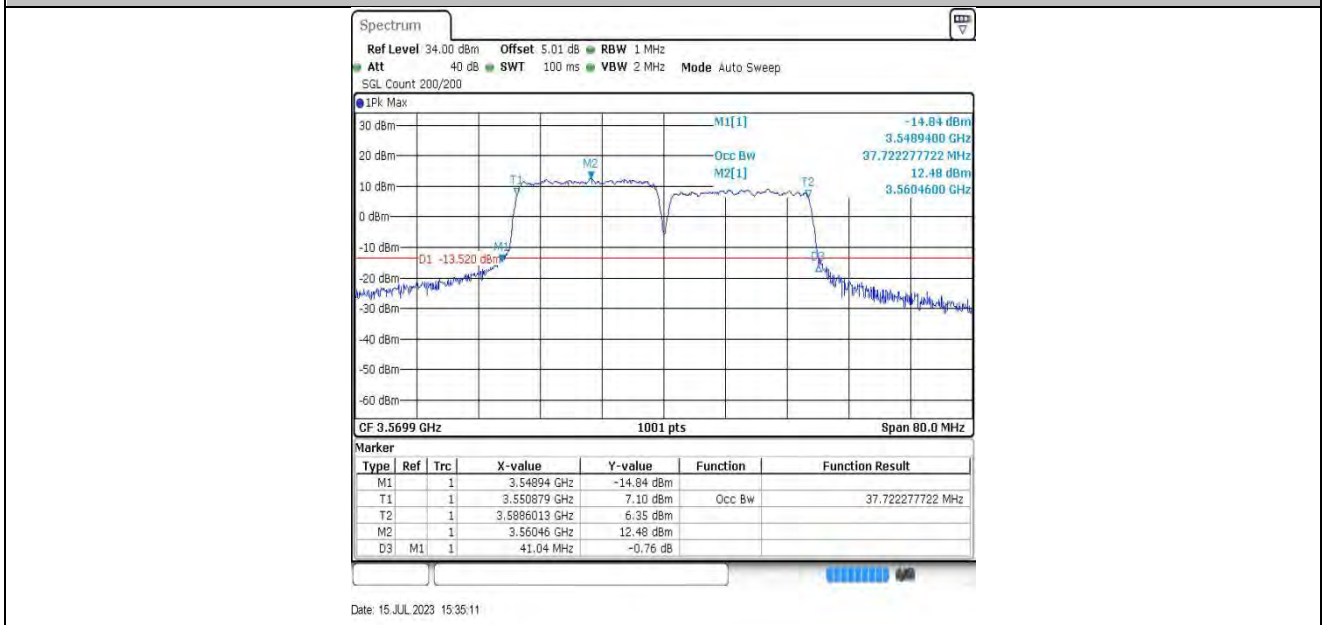


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20MHz-20MHz-56442-56640 64QAM-64QAM



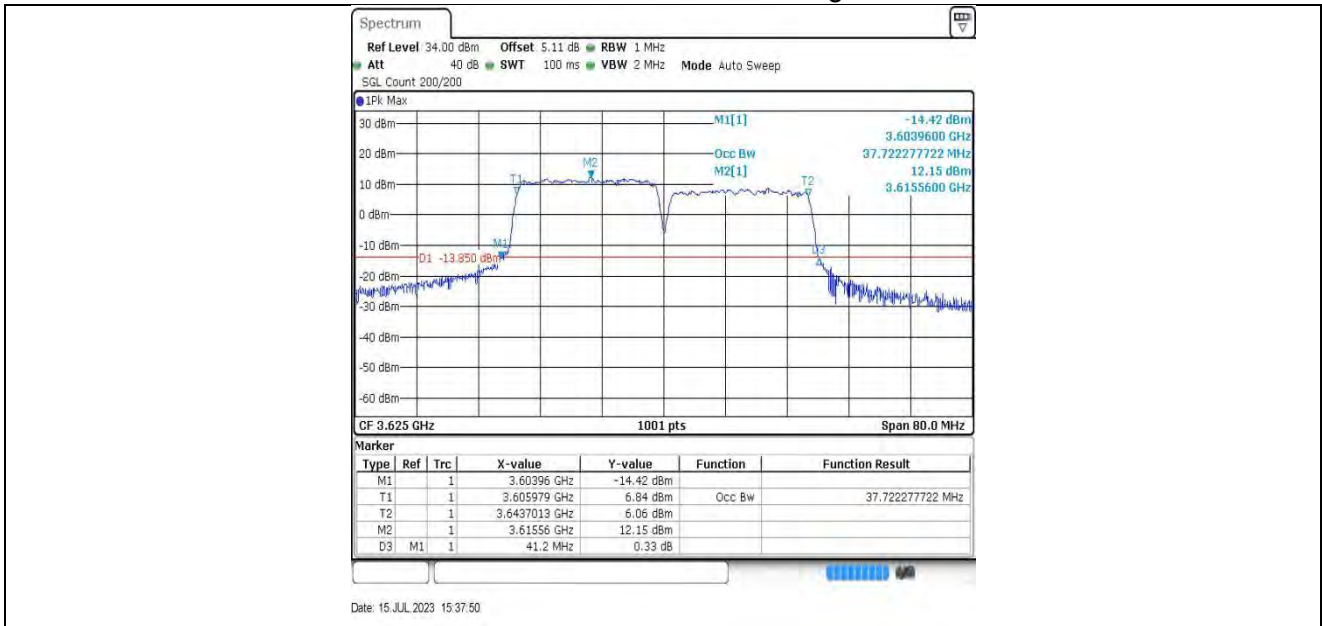
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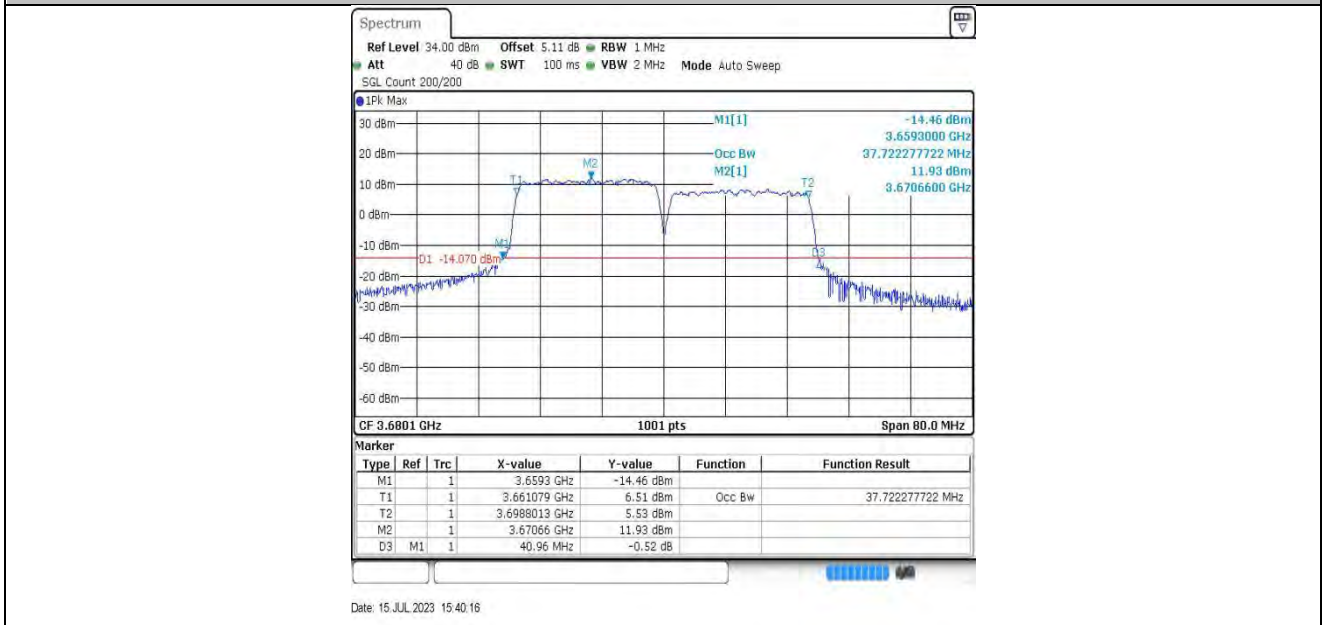
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20MHz-20MHz-55891-56089 256QAM-256QAM

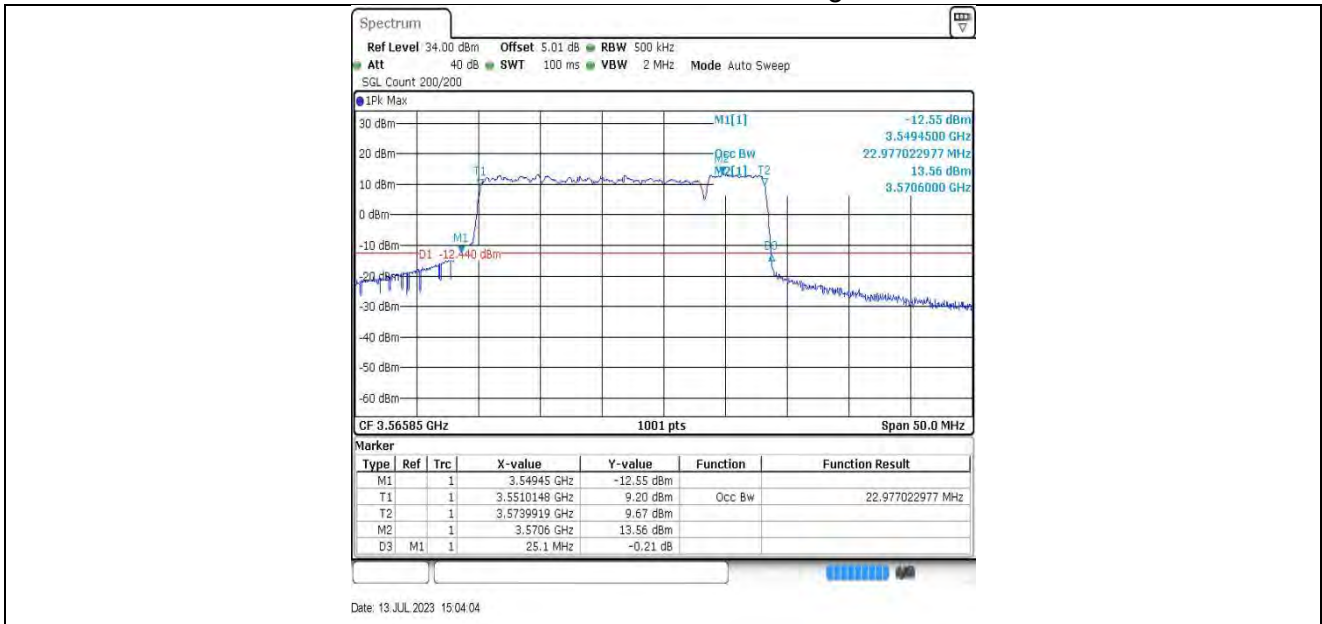


20MHz-20MHz-56442-56640 256QAM-256QAM

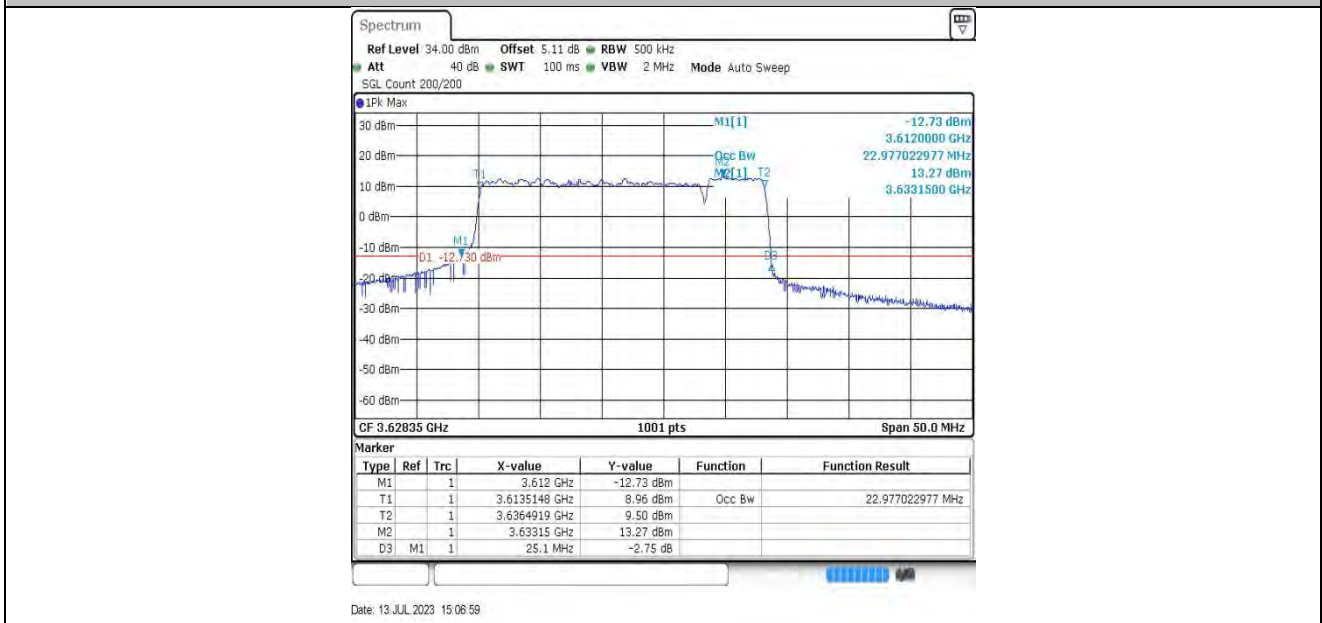


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20MHz-5MHz-55340-55457 QPSK-QPSK

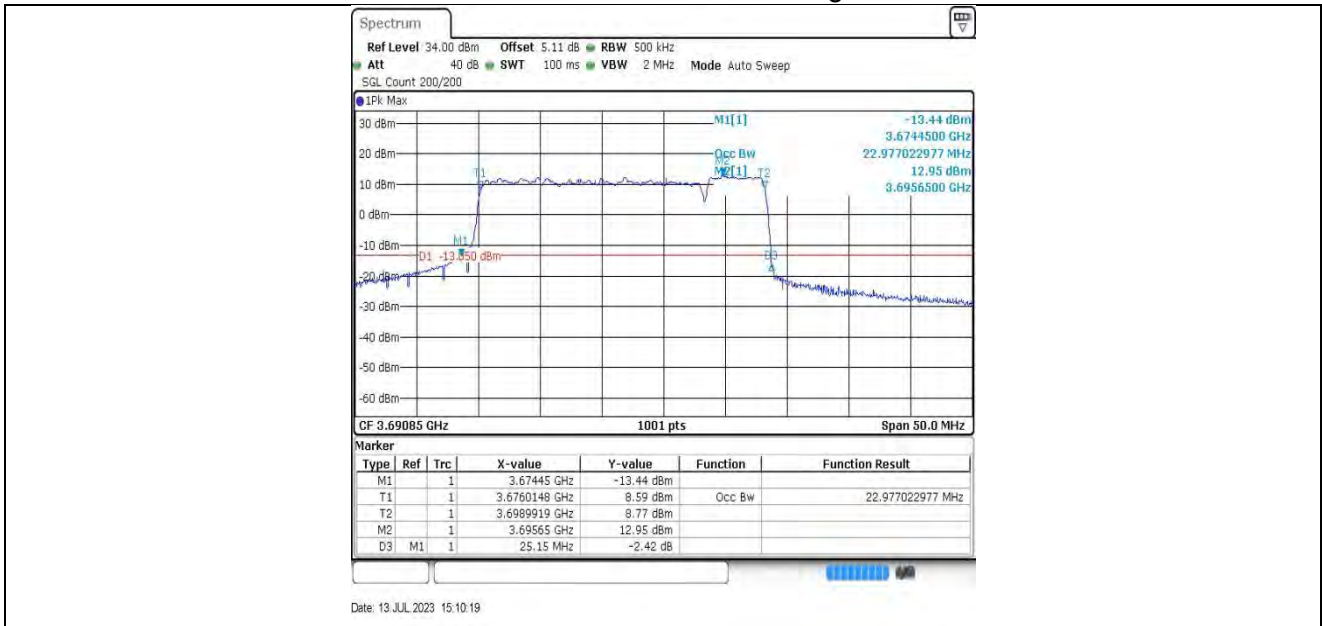


20MHz-5MHz-55965-56082 QPSK-QPSK

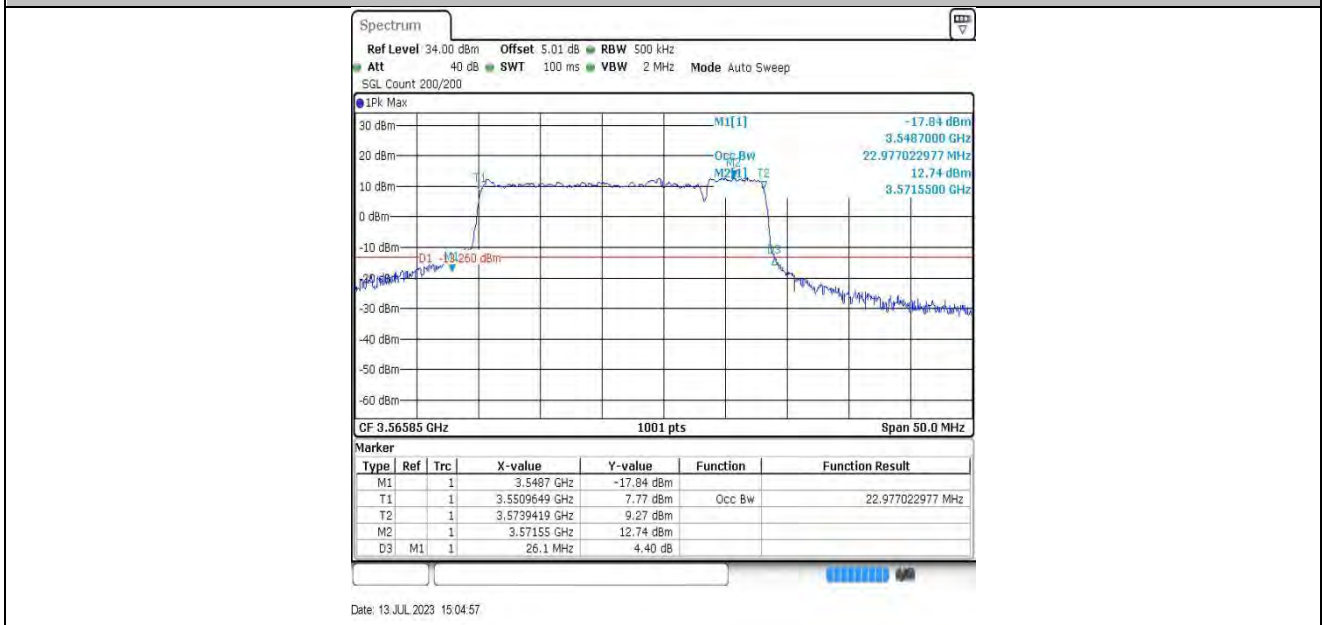


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20MHz-5MHz-56590-56707 QPSK-QPSK



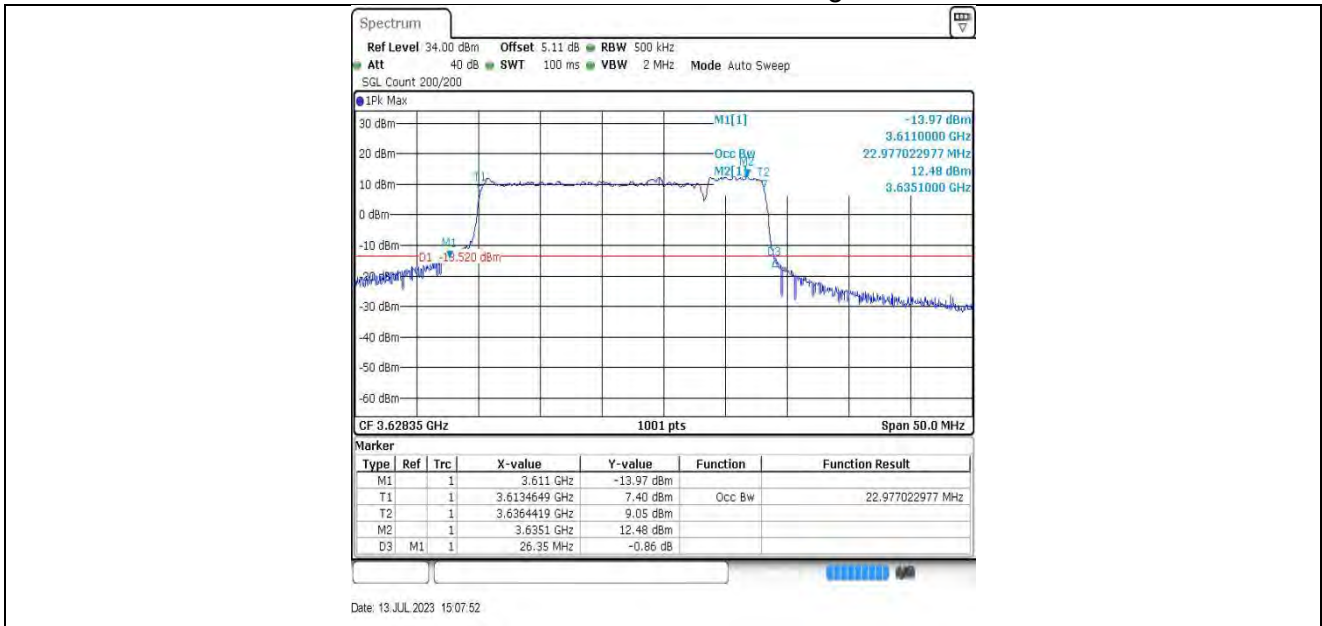
20MHz-5MHz-55340-55457 16QAM-16QAM



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20MHz-5MHz-55965-56082 16QAM-16QAM



20MHz-5MHz-56590-56707 16QAM-16QAM



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