



Appendix B.1

LTE Band 2



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Effective (Isotropic) Radiated Power Output Data

Test Result

ANT3

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	24.00	27.50	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	24.05	27.55	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	24.02	27.52	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.98	26.48	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	24.07	27.57	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	24.18	27.68	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	24.13	27.63	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	23.06	26.56	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	24.17	27.67	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	24.17	27.67	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	24.20	27.70	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	23.09	26.59	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	23.31	26.81	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.22	26.72	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	23.29	26.79	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	22.03	25.53	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.32	26.82	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.37	26.87	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	23.36	26.86	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.15	25.65	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.36	26.86	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.39	26.89	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	23.38	26.88	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.12	25.62	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	22.05	25.55	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	22.07	25.57	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.93	25.43	33	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	20.81	24.31	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	22.07	25.57	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	22.11	25.61	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	22.12	25.62	33	PASS



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Band2	1.4MHz	64QAM	18900	6RB#0	20.94	24.44	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	22.19	25.69	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	22.29	25.79	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	22.25	25.75	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	21.01	24.51	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#0	19.22	22.72	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#2	18.91	22.41	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#5	18.81	22.31	33	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	17.97	21.47	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#0	18.92	22.42	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#2	19.07	22.57	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#5	18.97	22.47	33	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	18.57	22.07	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#0	19.08	22.58	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#2	18.72	22.22	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#5	18.71	22.21	33	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	17.95	21.45	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	24.03	27.53	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.99	27.49	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.99	27.49	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	23.05	26.55	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	24.10	27.60	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	24.10	27.60	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	24.08	27.58	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	23.12	26.62	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	24.10	27.60	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	24.14	27.64	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	24.15	27.65	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	23.09	26.59	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.21	26.71	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.32	26.82	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	23.24	26.74	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	22.07	25.57	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.38	26.88	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	23.34	26.84	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	23.26	26.76	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	22.08	25.58	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.27	26.77	33	PASS



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Band2	3MHz	16QAM	19185	1RB#8	23.28	26.78	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	23.33	26.83	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.18	25.68	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	22.01	25.51	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	22.03	25.53	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.98	25.48	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.93	24.43	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	22.11	25.61	33	PASS
Band2	3MHz	64QAM	18900	1RB#8	22.12	25.62	33	PASS
Band2	3MHz	64QAM	18900	1RB#14	22.23	25.73	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	21.00	24.50	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	22.13	25.63	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	22.20	25.70	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	22.23	25.73	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	21.11	24.61	33	PASS
Band2	3MHz	256QAM	18615	1RB#0	19.00	22.50	33	PASS
Band2	3MHz	256QAM	18615	1RB#8	18.93	22.43	33	PASS
Band2	3MHz	256QAM	18615	1RB#14	18.88	22.38	33	PASS
Band2	3MHz	256QAM	18615	15RB#0	17.86	21.36	33	PASS
Band2	3MHz	256QAM	18900	1RB#0	19.08	22.58	33	PASS
Band2	3MHz	256QAM	18900	1RB#8	18.90	22.40	33	PASS
Band2	3MHz	256QAM	18900	1RB#14	19.01	22.51	33	PASS
Band2	3MHz	256QAM	18900	15RB#0	18.53	22.03	33	PASS
Band2	3MHz	256QAM	19185	1RB#0	19.02	22.52	33	PASS
Band2	3MHz	256QAM	19185	1RB#8	19.03	22.53	33	PASS
Band2	3MHz	256QAM	19185	1RB#14	19.07	22.57	33	PASS
Band2	3MHz	256QAM	19185	15RB#0	18.89	22.39	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	24.07	27.57	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	24.10	27.60	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	24.13	27.63	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	23.07	26.57	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	24.15	27.65	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	24.16	27.66	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	24.20	27.70	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	23.11	26.61	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	24.22	27.72	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	24.18	27.68	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	24.23	27.73	33	PASS



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Band2	5MHz	QPSK	19175	25RB#0	23.13	26.63	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	23.27	26.77	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	23.34	26.84	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	23.24	26.74	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.05	25.55	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.45	26.95	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.29	26.79	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	23.29	26.79	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.13	25.63	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.47	26.97	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.26	26.76	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.25	26.75	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.10	25.60	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	22.10	25.60	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	22.11	25.61	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	22.11	25.61	33	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.90	24.40	33	PASS
Band2	5MHz	64QAM	18900	1RB#0	22.19	25.69	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	22.24	25.74	33	PASS
Band2	5MHz	64QAM	18900	1RB#24	22.18	25.68	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.97	24.47	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	22.34	25.84	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	22.11	25.61	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	22.22	25.72	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.98	24.48	33	PASS
Band2	5MHz	256QAM	18625	1RB#0	18.97	22.47	33	PASS
Band2	5MHz	256QAM	18625	1RB#12	18.90	22.40	33	PASS
Band2	5MHz	256QAM	18625	1RB#24	19.02	22.52	33	PASS
Band2	5MHz	256QAM	18625	25RB#0	18.62	22.12	33	PASS
Band2	5MHz	256QAM	18900	1RB#0	18.96	22.46	33	PASS
Band2	5MHz	256QAM	18900	1RB#12	19.01	22.51	33	PASS
Band2	5MHz	256QAM	18900	1RB#24	19.08	22.58	33	PASS
Band2	5MHz	256QAM	18900	25RB#0	18.16	21.66	33	PASS
Band2	5MHz	256QAM	19175	1RB#0	19.07	22.57	33	PASS
Band2	5MHz	256QAM	19175	1RB#12	19.09	22.59	33	PASS
Band2	5MHz	256QAM	19175	1RB#24	19.17	22.67	33	PASS
Band2	5MHz	256QAM	19175	25RB#0	18.54	22.04	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	24.02	27.52	33	PASS



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Band2	10MHz	QPSK	18650	1RB#24	24.12	27.62	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	24.05	27.55	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	23.03	26.53	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	24.17	27.67	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	24.12	27.62	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	24.17	27.67	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	23.12	26.62	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	24.16	27.66	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	24.19	27.69	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	24.22	27.72	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	23.14	26.64	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.27	26.77	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.27	26.77	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.15	26.65	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.99	25.49	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.41	26.91	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.33	26.83	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.42	26.92	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	22.11	25.61	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.39	26.89	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.46	26.96	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	23.35	26.85	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.10	25.60	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	22.08	25.58	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	22.10	25.60	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.93	25.43	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.89	24.39	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	22.18	25.68	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	22.18	25.68	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	22.13	25.63	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.99	24.49	33	PASS
Band2	10MHz	64QAM	19150	1RB#0	22.19	25.69	33	PASS
Band2	10MHz	64QAM	19150	1RB#24	22.29	25.79	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	22.19	25.69	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	21.03	24.53	33	PASS
Band2	10MHz	256QAM	18650	1RB#0	18.94	22.44	33	PASS
Band2	10MHz	256QAM	18650	1RB#24	18.96	22.46	33	PASS
Band2	10MHz	256QAM	18650	1RB#49	18.90	22.40	33	PASS



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Band2	10MHz	256QAM	18650	50RB#0	18.25	21.75	33	PASS
Band2	10MHz	256QAM	18900	1RB#0	19.13	22.63	33	PASS
Band2	10MHz	256QAM	18900	1RB#24	19.10	22.60	33	PASS
Band2	10MHz	256QAM	18900	1RB#49	19.13	22.63	33	PASS
Band2	10MHz	256QAM	18900	50RB#0	18.75	22.25	33	PASS
Band2	10MHz	256QAM	19150	1RB#0	19.15	22.65	33	PASS
Band2	10MHz	256QAM	19150	1RB#24	19.09	22.59	33	PASS
Band2	10MHz	256QAM	19150	1RB#49	19.19	22.69	33	PASS
Band2	10MHz	256QAM	19150	50RB#0	18.71	22.21	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	24.09	27.59	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	24.07	27.57	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	24.05	27.55	33	PASS
Band2	15MHz	QPSK	18675	75RB#0	23.00	26.50	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	24.10	27.60	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	24.09	27.59	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	24.10	27.60	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	23.10	26.60	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	24.13	27.63	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	24.11	27.61	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	24.30	27.80	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	23.16	26.66	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.25	26.75	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.27	26.77	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.20	26.70	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	22.00	25.50	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.37	26.87	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.36	26.86	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.34	26.84	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	22.08	25.58	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.36	26.86	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.37	26.87	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.41	26.91	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	22.13	25.63	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	22.03	25.53	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	22.01	25.51	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	22.04	25.54	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.89	24.39	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	22.18	25.68	33	PASS



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Band2	15MHz	64QAM	18900	1RB#38	22.20	25.70	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	22.08	25.58	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	21.00	24.50	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	22.14	25.64	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	22.17	25.67	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	22.28	25.78	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	21.04	24.54	33	PASS
Band2	15MHz	256QAM	18675	1RB#0	18.96	22.46	33	PASS
Band2	15MHz	256QAM	18675	1RB#38	19.02	22.52	33	PASS
Band2	15MHz	256QAM	18675	1RB#74	18.99	22.49	33	PASS
Band2	15MHz	256QAM	18675	75RB#0	18.65	22.15	33	PASS
Band2	15MHz	256QAM	18900	1RB#0	18.97	22.47	33	PASS
Band2	15MHz	256QAM	18900	1RB#38	18.97	22.47	33	PASS
Band2	15MHz	256QAM	18900	1RB#74	19.00	22.50	33	PASS
Band2	15MHz	256QAM	18900	75RB#0	18.26	21.76	33	PASS
Band2	15MHz	256QAM	19125	1RB#0	19.05	22.55	33	PASS
Band2	15MHz	256QAM	19125	1RB#38	18.83	22.33	33	PASS
Band2	15MHz	256QAM	19125	1RB#74	19.11	22.61	33	PASS
Band2	15MHz	256QAM	19125	75RB#0	18.26	21.76	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	24.11	27.61	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	24.10	27.60	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	24.13	27.63	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	23.09	26.59	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.87	27.37	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	24.12	27.62	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	24.11	27.61	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	23.17	26.67	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	24.20	27.70	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	24.12	27.62	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	24.27	27.77	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	23.15	26.65	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.43	26.93	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.30	26.80	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.40	26.90	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	22.06	25.56	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.39	26.89	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.41	26.91	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.30	26.80	33	PASS



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Band2	20MHz	16QAM	18900	100RB#0	22.13	25.63	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.37	26.87	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.42	26.92	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.39	26.89	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	22.12	25.62	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	22.13	25.63	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	22.12	25.62	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	22.08	25.58	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.91	24.41	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	22.20	25.70	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	22.20	25.70	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	22.08	25.58	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.96	24.46	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	22.18	25.68	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	22.27	25.77	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	22.34	25.84	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	21.04	24.54	33	PASS
Band2	20MHz	256QAM	18700	1RB#0	18.93	22.43	33	PASS
Band2	20MHz	256QAM	18700	1RB#49	18.85	22.35	33	PASS
Band2	20MHz	256QAM	18700	1RB#99	19.02	22.52	33	PASS
Band2	20MHz	256QAM	18700	100RB#0	18.22	21.72	33	PASS
Band2	20MHz	256QAM	18900	1RB#0	18.90	22.40	33	PASS
Band2	20MHz	256QAM	18900	1RB#49	19.01	22.51	33	PASS
Band2	20MHz	256QAM	18900	1RB#99	19.04	22.54	33	PASS
Band2	20MHz	256QAM	18900	100RB#0	18.10	21.60	33	PASS
Band2	20MHz	256QAM	19100	1RB#0	19.10	22.60	33	PASS
Band2	20MHz	256QAM	19100	1RB#49	19.09	22.59	33	PASS
Band2	20MHz	256QAM	19100	1RB#99	19.11	22.61	33	PASS
Band2	20MHz	256QAM	19100	100RB#0	18.66	22.16	33	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.39	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.39	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.33	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.20	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.17	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.12	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.43	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.46	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.46	13	PASS
Band2	20MHz	256QAM	18700	100RB#0	6.55	13	PASS
Band2	20MHz	256QAM	18900	100RB#0	6.61	13	PASS
Band2	20MHz	256QAM	19100	100RB#0	6.64	13	PASS

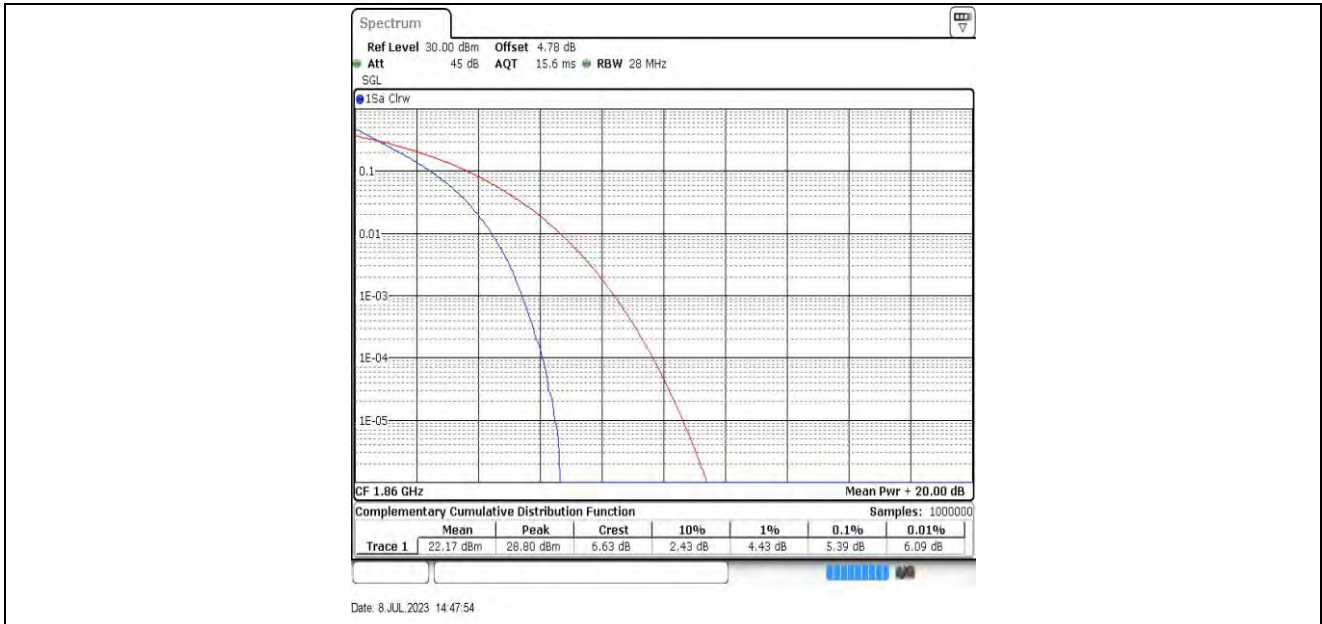


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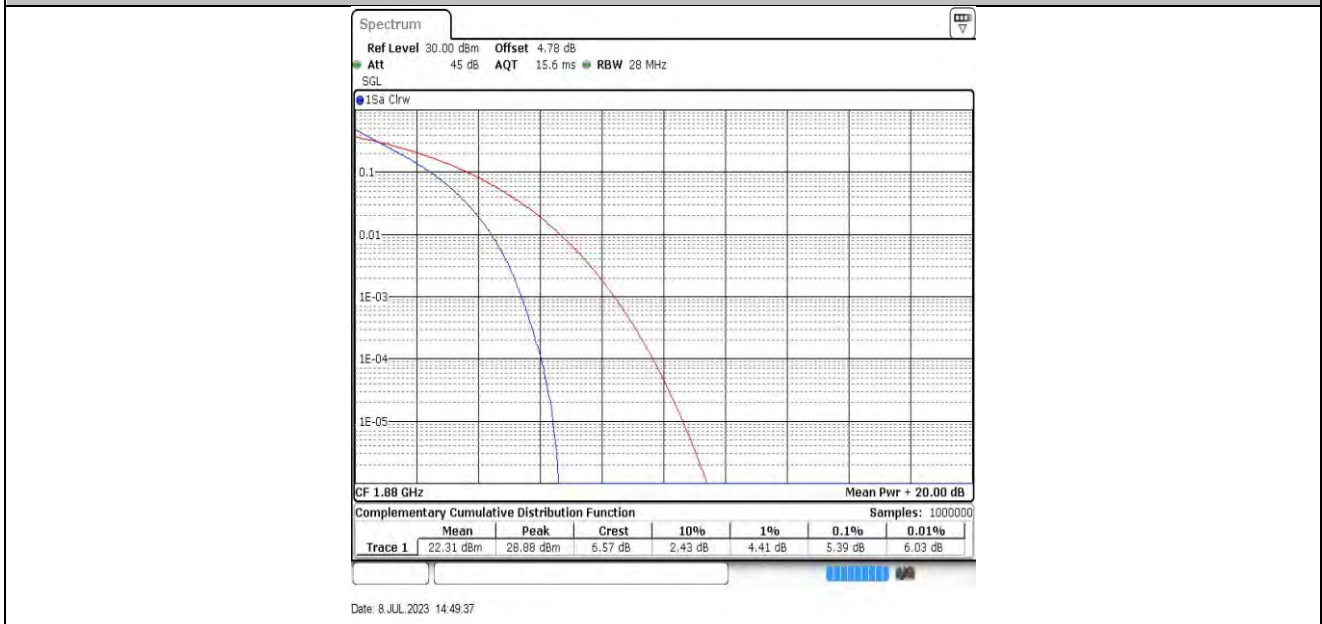
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Test Graphs



20MHz-18700 QPSK



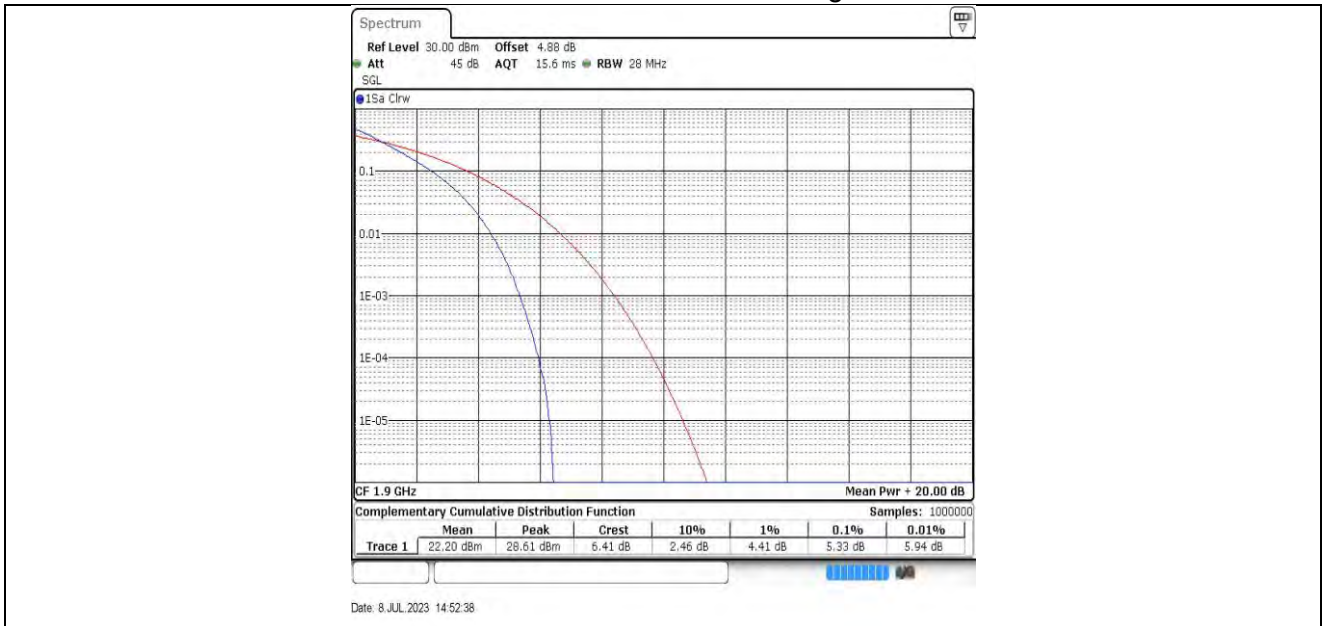
20MHz-18900 QPSK



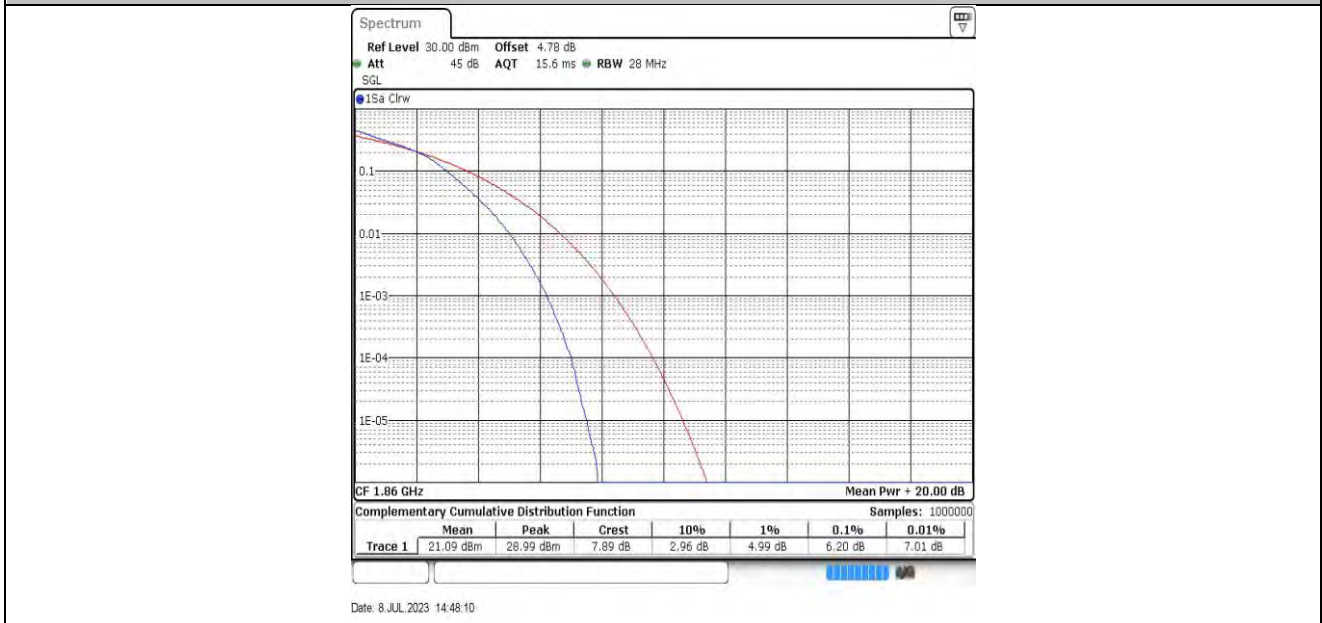
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20MHz-19100 QPSK



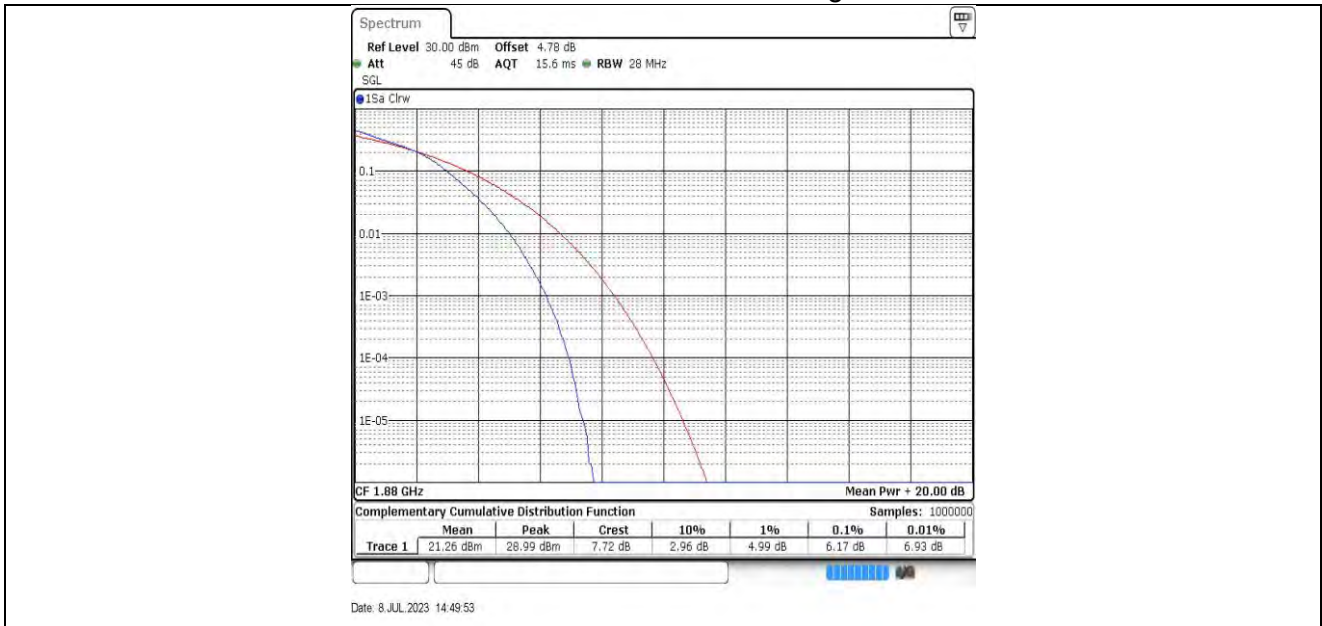
20MHz-18700 16QAM



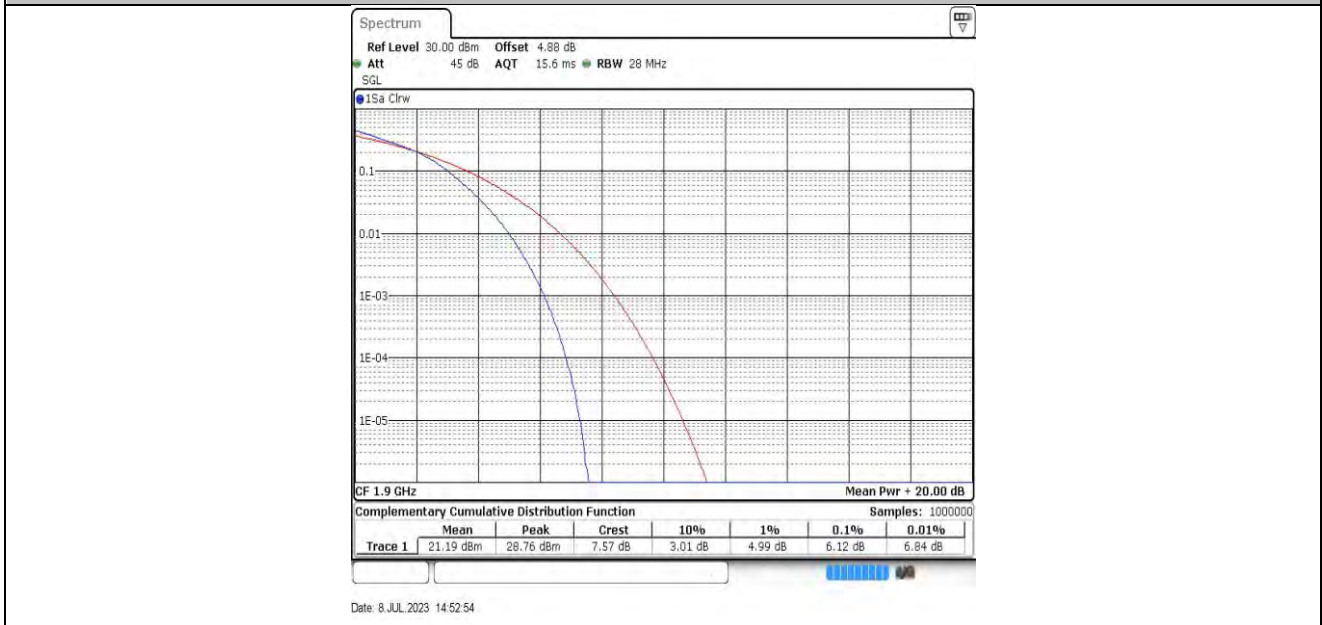
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20MHz-18900 16QAM



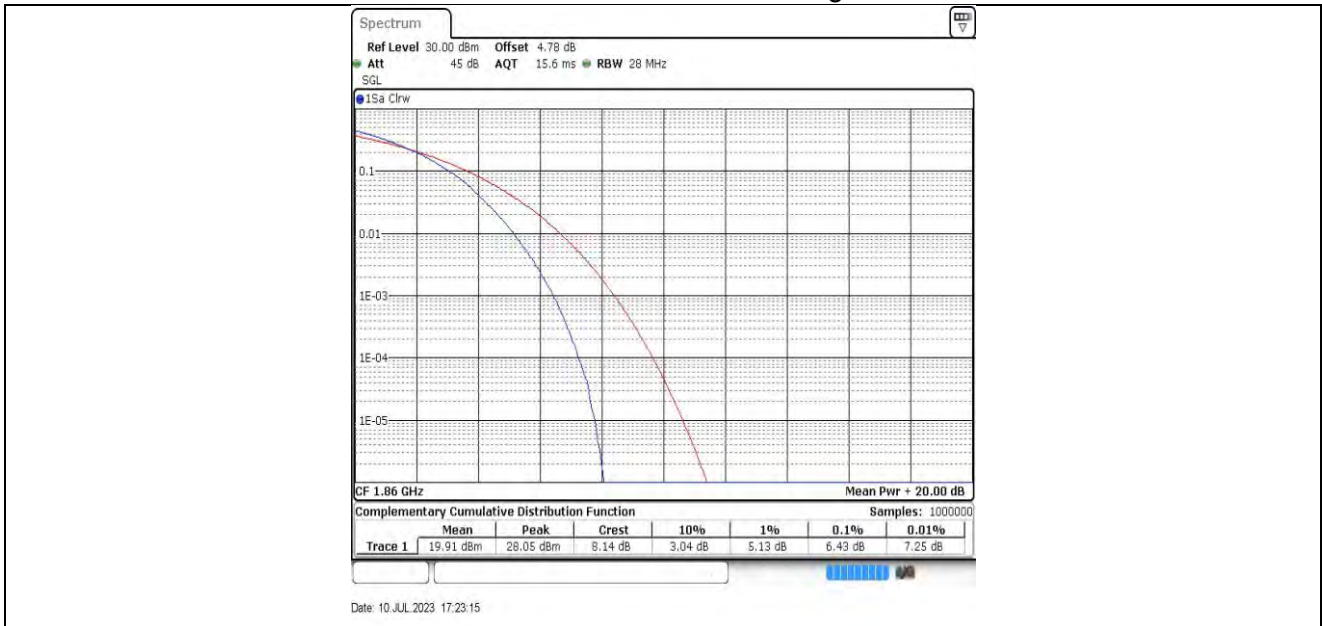
20MHz-19100 16QAM



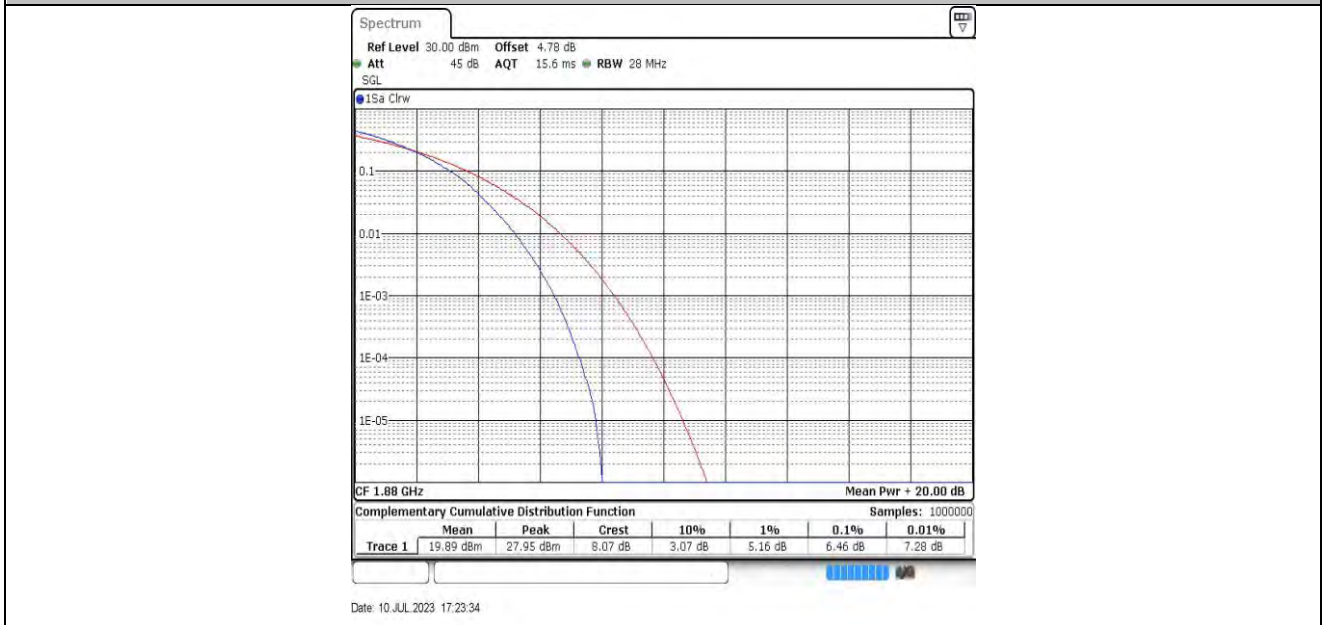
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20MHz-18700 64QAM



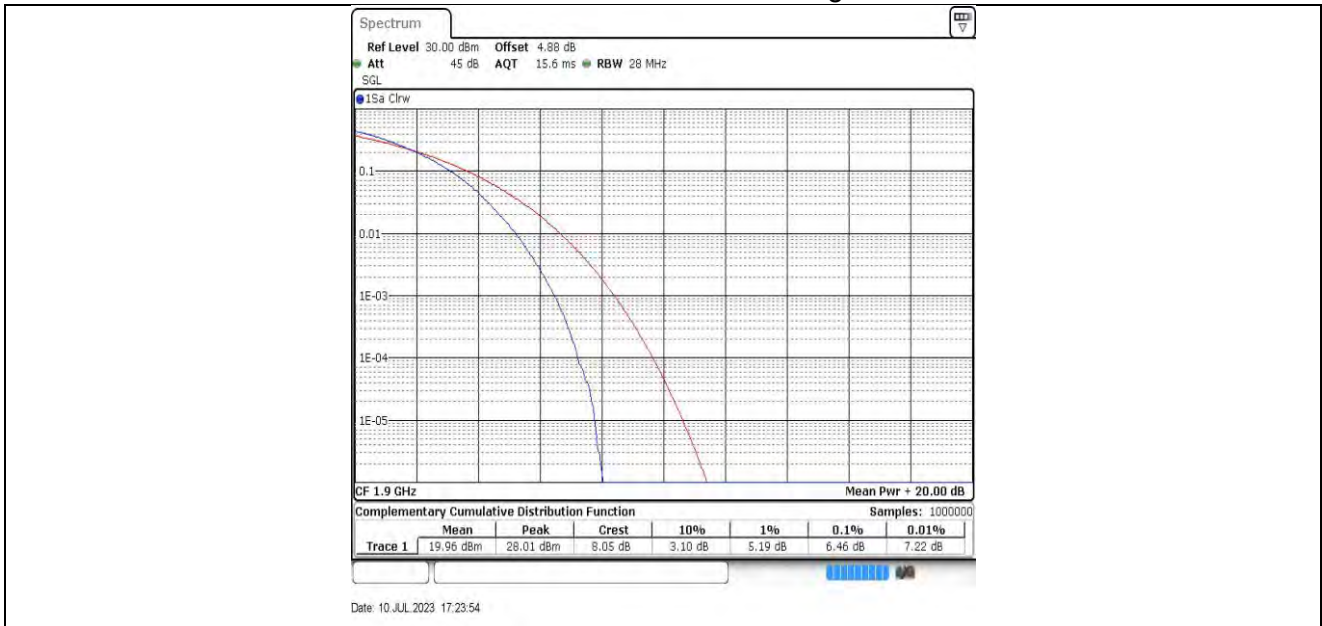
20MHz-18900 64QAM



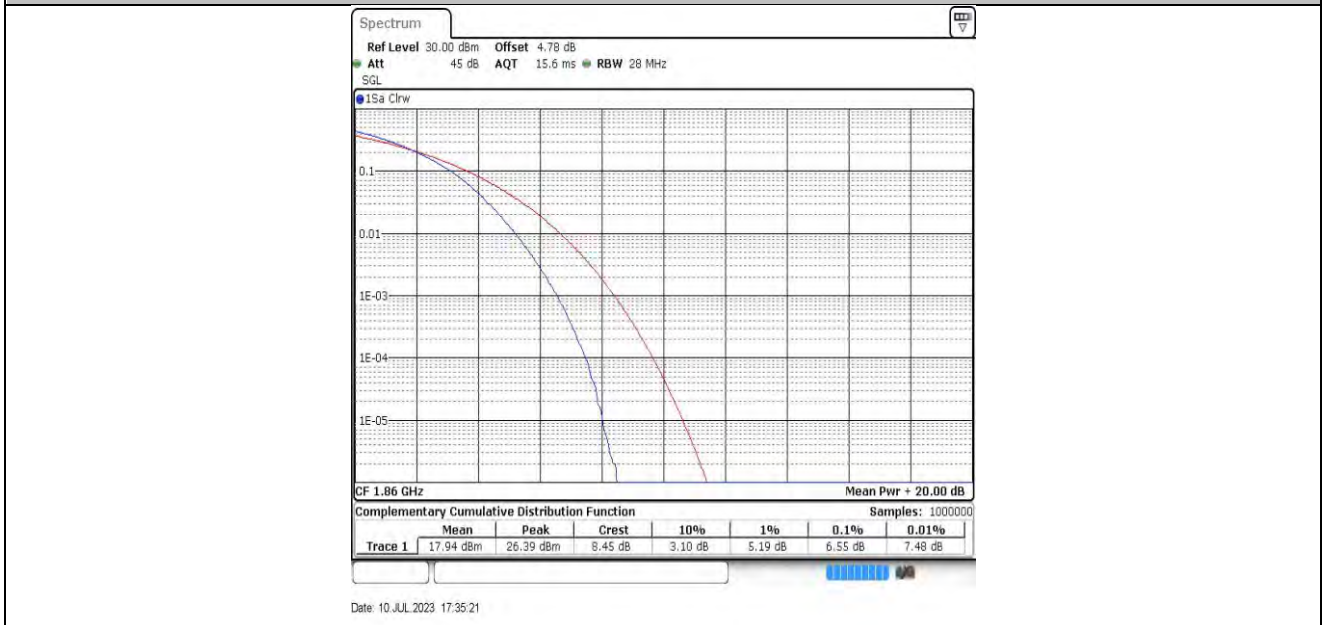
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20MHz-19100 64QAM



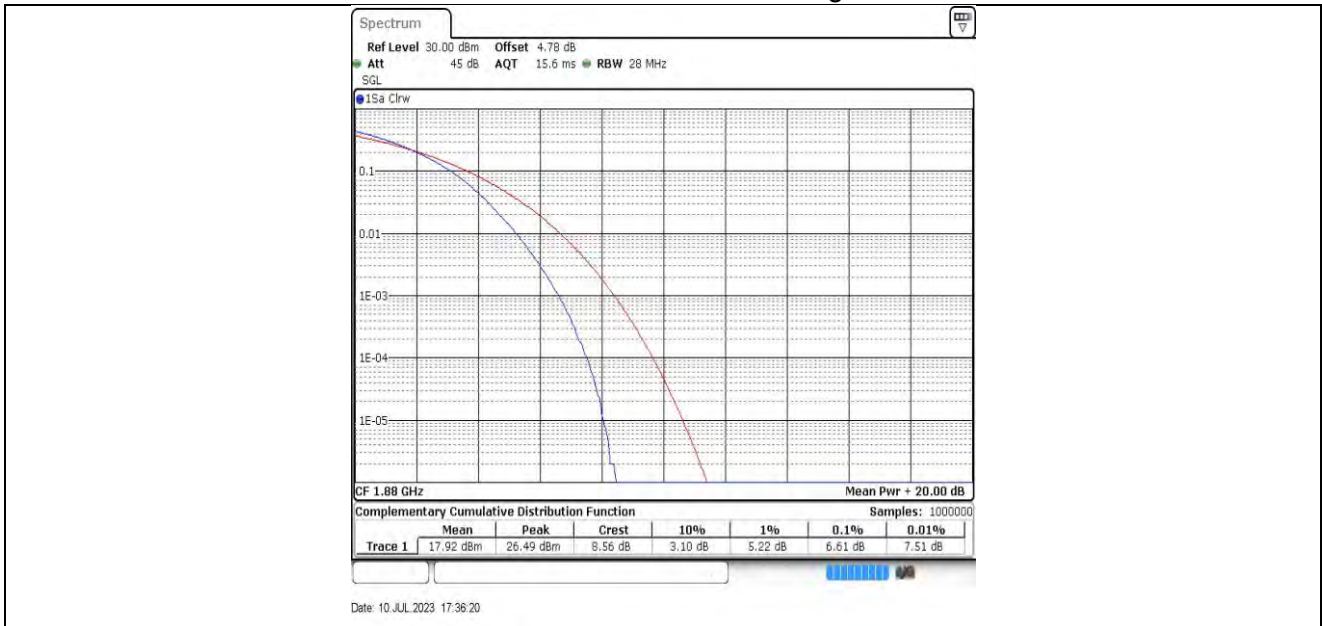
20MHz-18700 256QAM



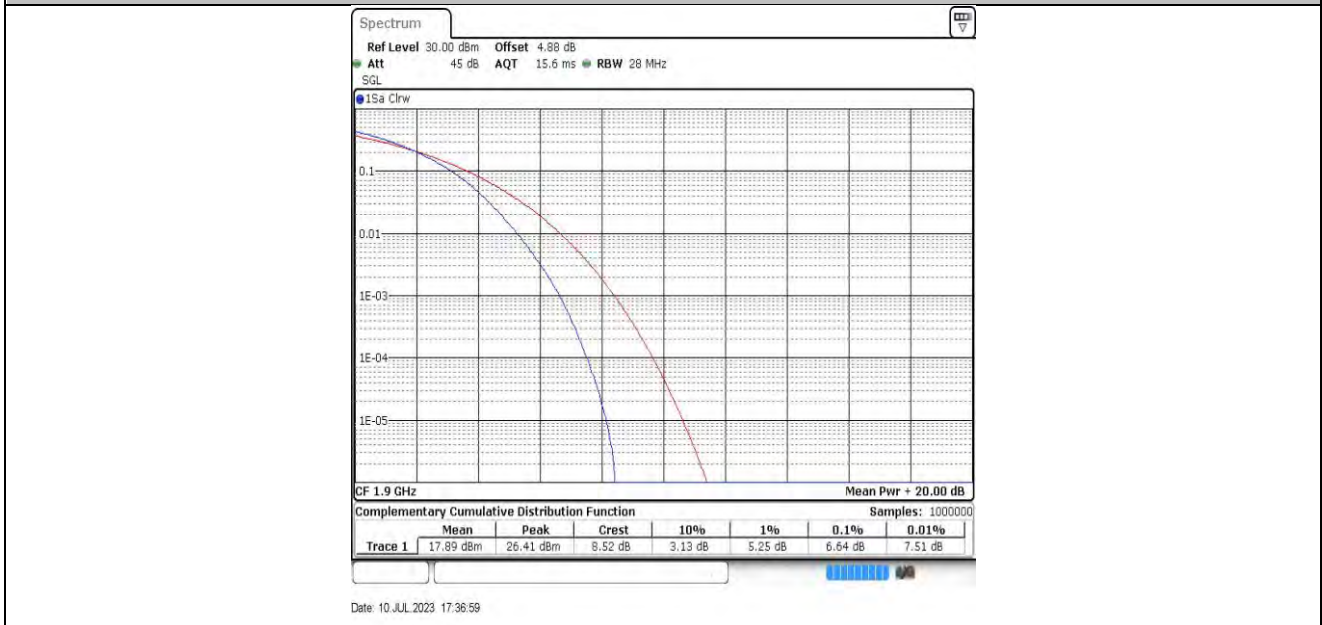
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20MHz-18900 256QAM



20MHz-19100 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
Band2	1.4MHz	QPSK	18607	6RB#0	1.088	1.27	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.085	1.28	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.088	1.28	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.094	1.30	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.094	1.30	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.094	1.30	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.097	1.27	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.097	1.30	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.097	1.31	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	1.085	1.28	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	1.091	1.28	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	1.088	1.28	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	2.93	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.697	2.93	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.691	2.93	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	2.94	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.93	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.685	2.94	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.691	2.92	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.691	2.92	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.691	2.92	PASS
Band2	3MHz	256QAM	18615	15RB#0	2.691	2.94	PASS
Band2	3MHz	256QAM	18900	15RB#0	2.685	2.93	PASS
Band2	3MHz	256QAM	19185	15RB#0	2.685	2.94	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.88	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.466	4.86	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.466	4.85	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.466	4.87	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.466	4.85	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.466	4.87	PASS



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Band2	5MHz	64QAM	18625	25RB#0	4.476	4.88	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.466	4.88	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.476	4.88	PASS
Band2	5MHz	256QAM	18625	25RB#0	4.466	4.81	PASS
Band2	5MHz	256QAM	18900	25RB#0	4.456	4.82	PASS
Band2	5MHz	256QAM	19175	25RB#0	4.456	4.84	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.911	9.64	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.911	9.62	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.931	9.62	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.58	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.911	9.58	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.911	9.58	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.951	9.80	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.931	9.60	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.951	9.66	PASS
Band2	10MHz	256QAM	18650	50RB#0	8.951	9.62	PASS
Band2	10MHz	256QAM	18900	50RB#0	8.931	9.60	PASS
Band2	10MHz	256QAM	19150	50RB#0	8.931	9.60	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.457	14.73	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.487	14.73	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.487	14.67	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.487	14.76	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.457	14.70	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.457	14.76	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.427	14.76	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.427	14.76	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.457	14.67	PASS
Band2	15MHz	256QAM	18675	75RB#0	13.457	14.79	PASS
Band2	15MHz	256QAM	18900	75RB#0	13.457	14.67	PASS
Band2	15MHz	256QAM	19125	75RB#0	13.457	14.76	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.942	19.48	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.942	19.48	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.902	19.36	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.902	19.28	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.902	19.32	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.862	19.32	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.902	19.40	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.902	19.40	PASS



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Band2	20MHz	64QAM	19100	100RB#0	17.902	19.44	PASS
Band2	20MHz	256QAM	18700	100RB#0	17.862	19.36	PASS
Band2	20MHz	256QAM	18900	100RB#0	17.902	19.36	PASS
Band2	20MHz	256QAM	19100	100RB#0	17.862	19.32	PASS

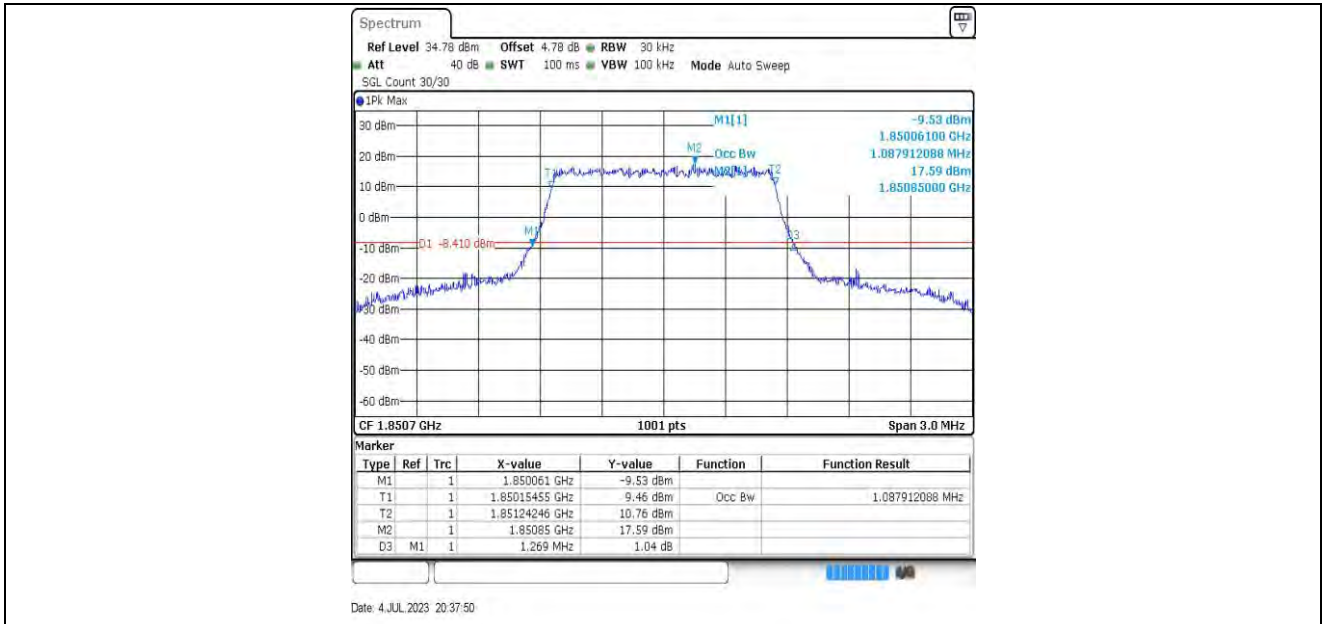


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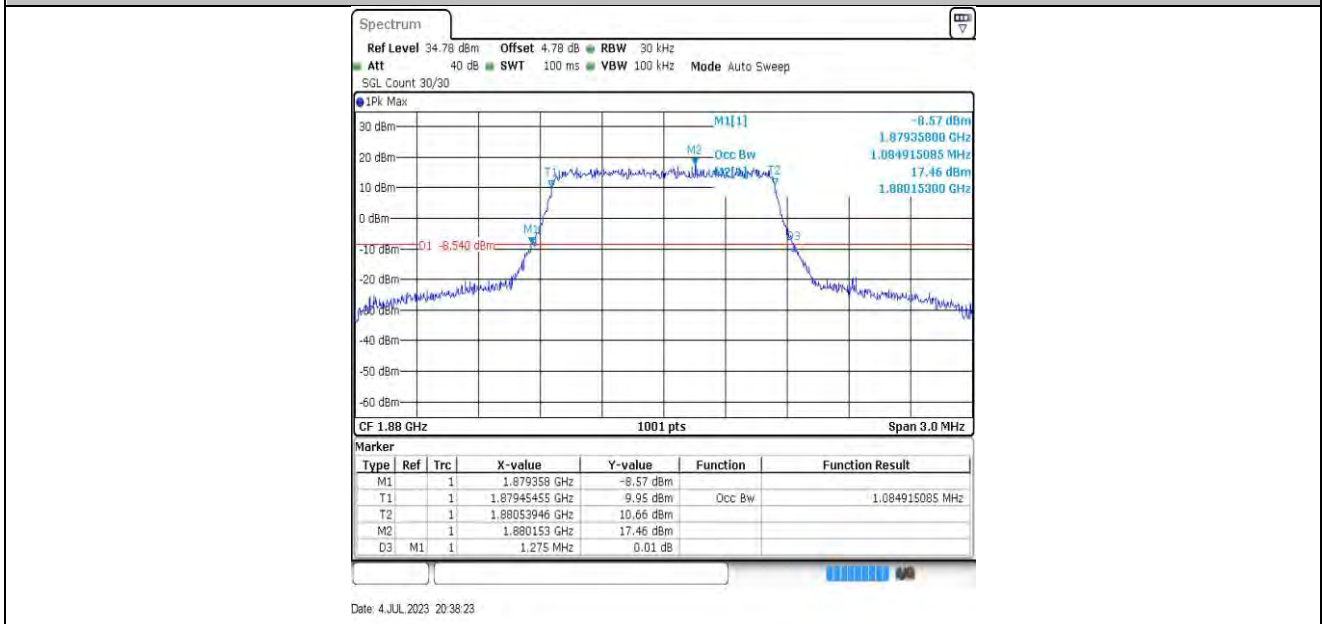
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Test Graphs



1.4MHz-18607 QPSK

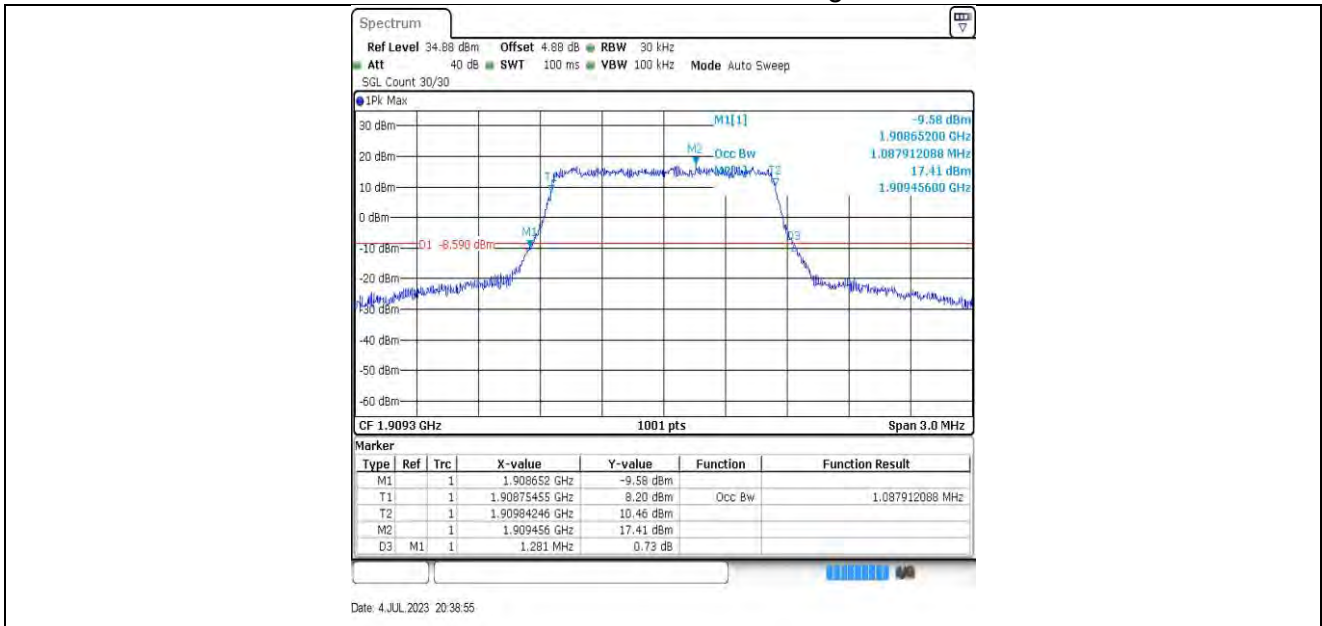


1.4MHz-18900 QPSK

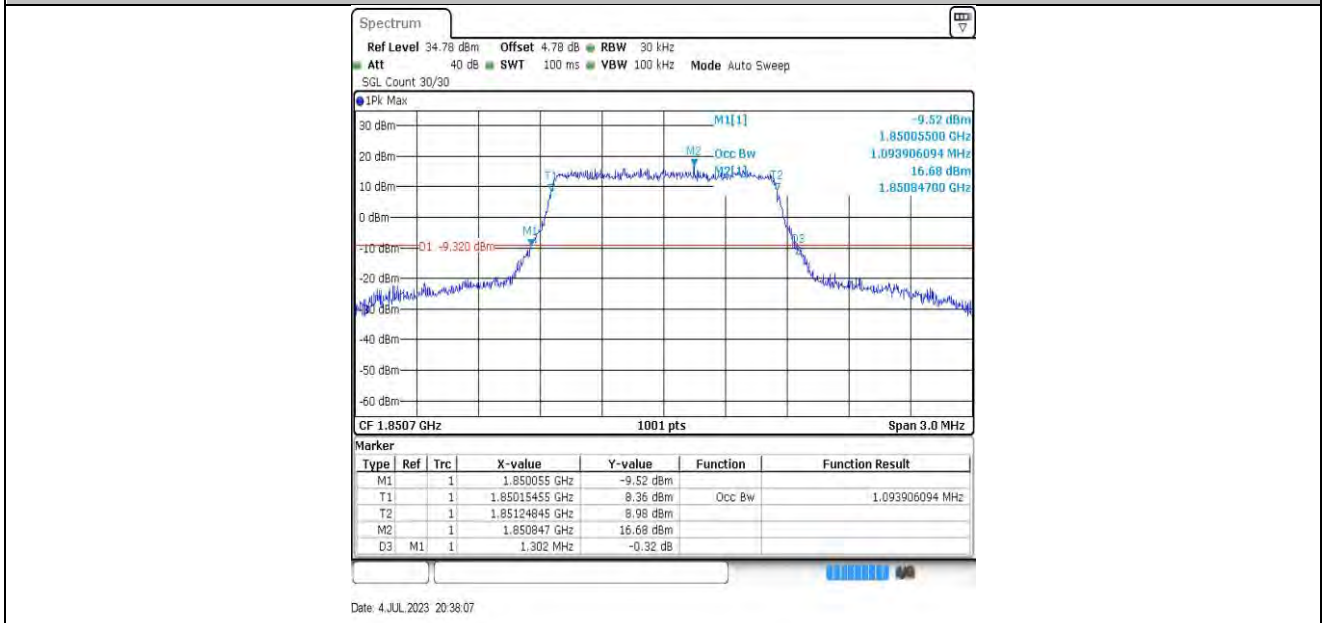


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1.4MHz-19193 QPSK



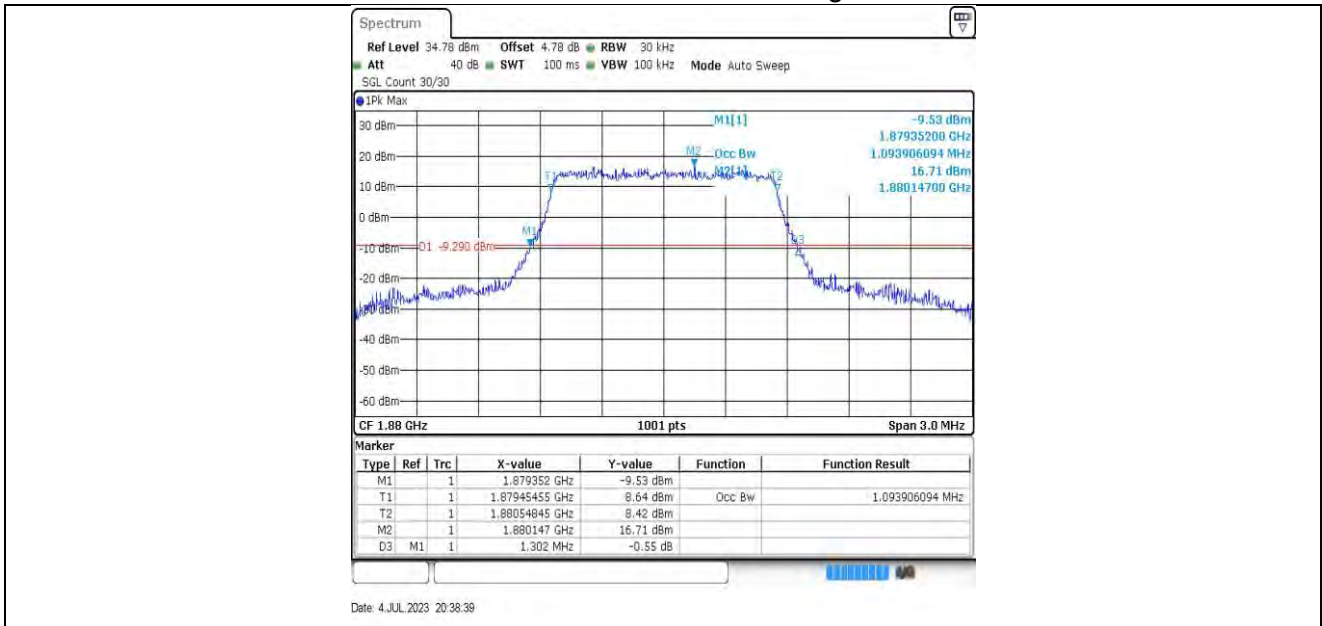
1.4MHz-18607 16QAM



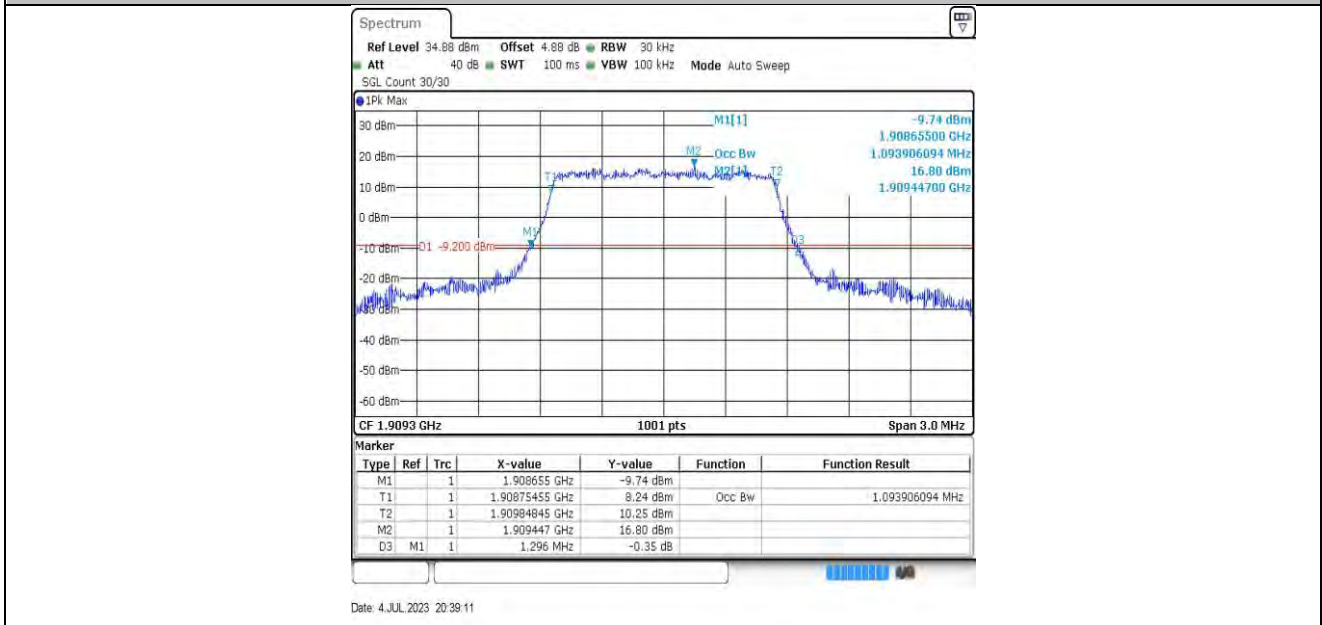
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1.4MHz-1890 16QAM



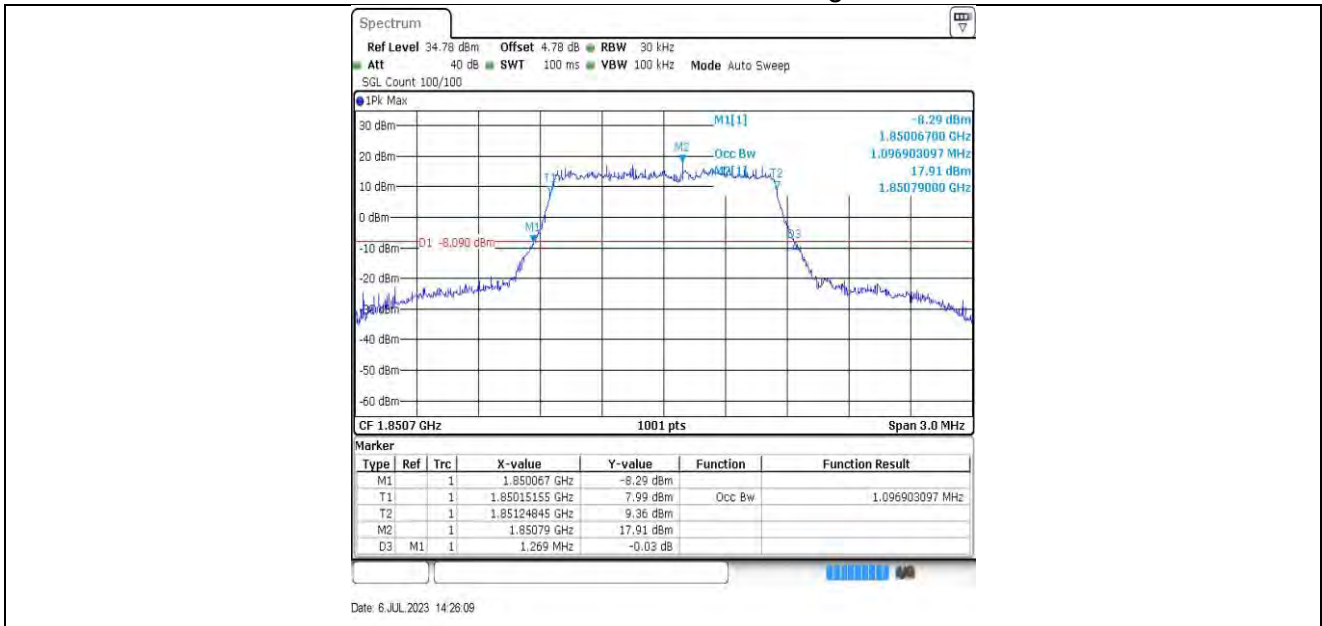
1.4MHz-19193 16QAM



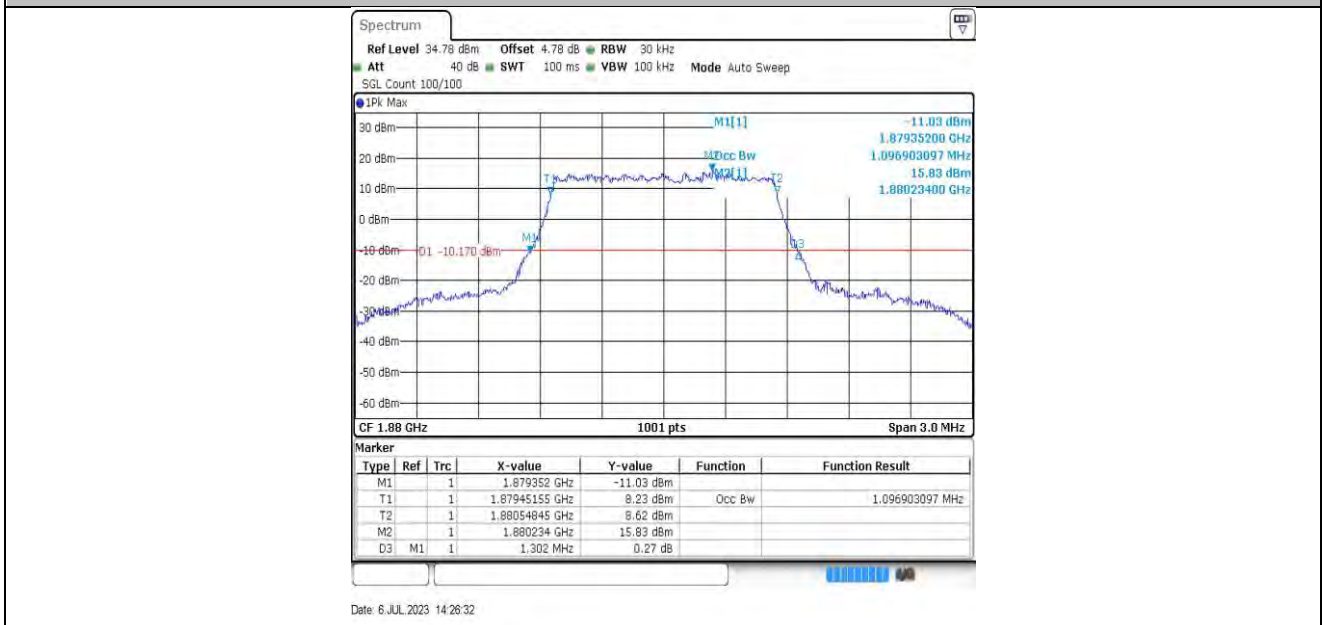
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1.4MHz-18607 64QAM

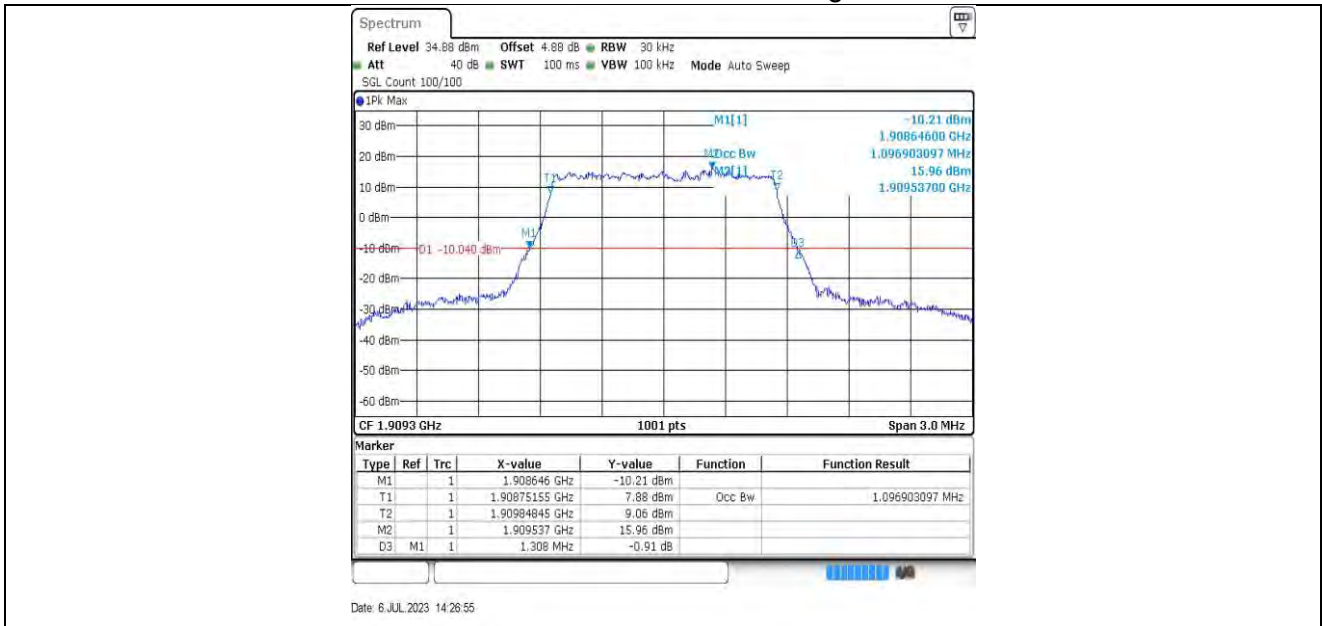


1.4MHz-18900 64QAM



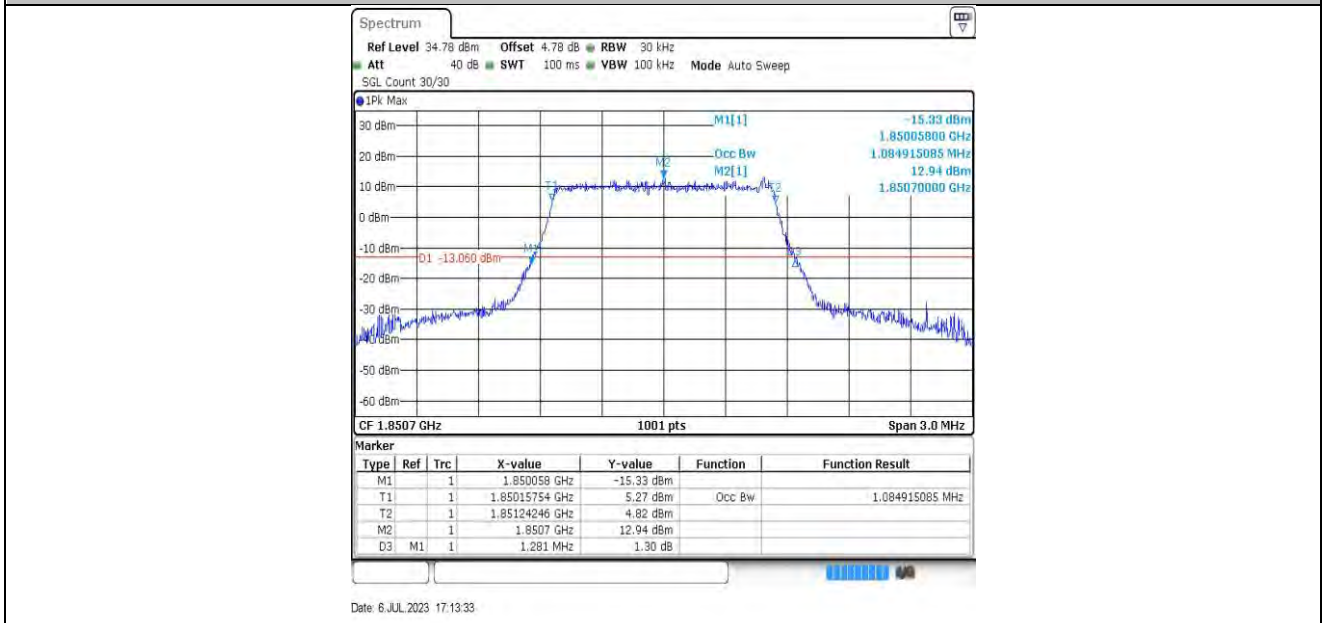
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Date: 6.JUL.2023 14:28:55

1.4MHz-19193 64QAM



Date: 6.JUL.2023 17:13:33

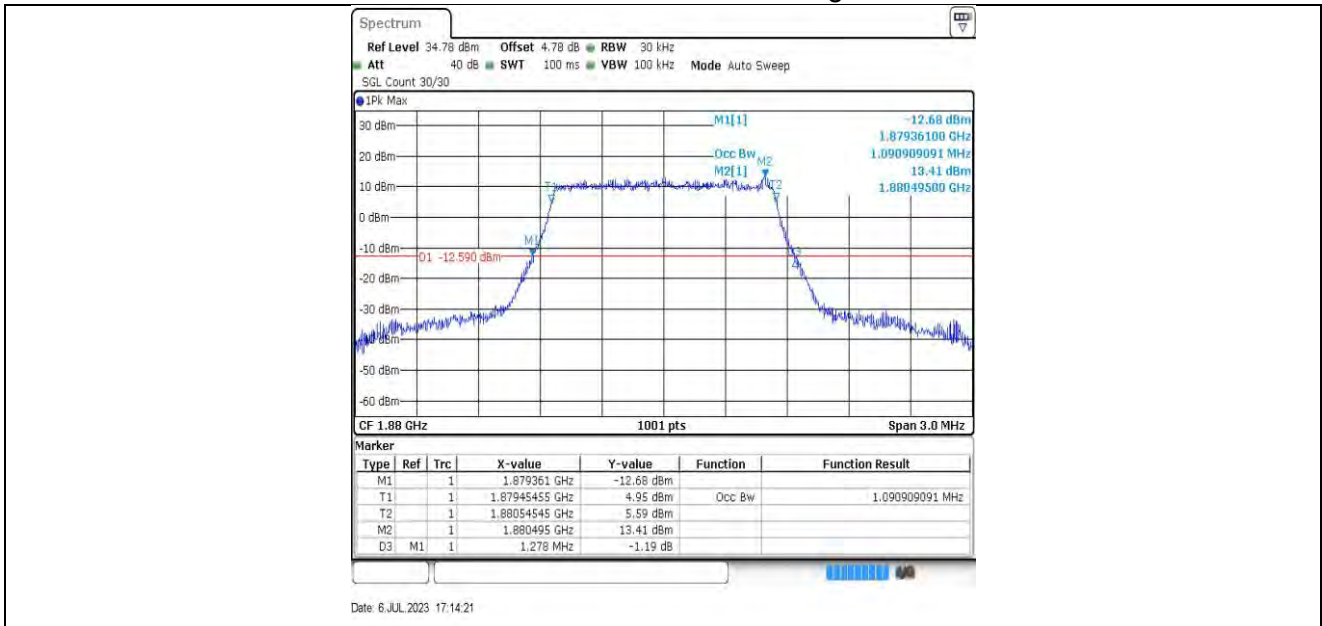
1.4MHz-18607 256QAM



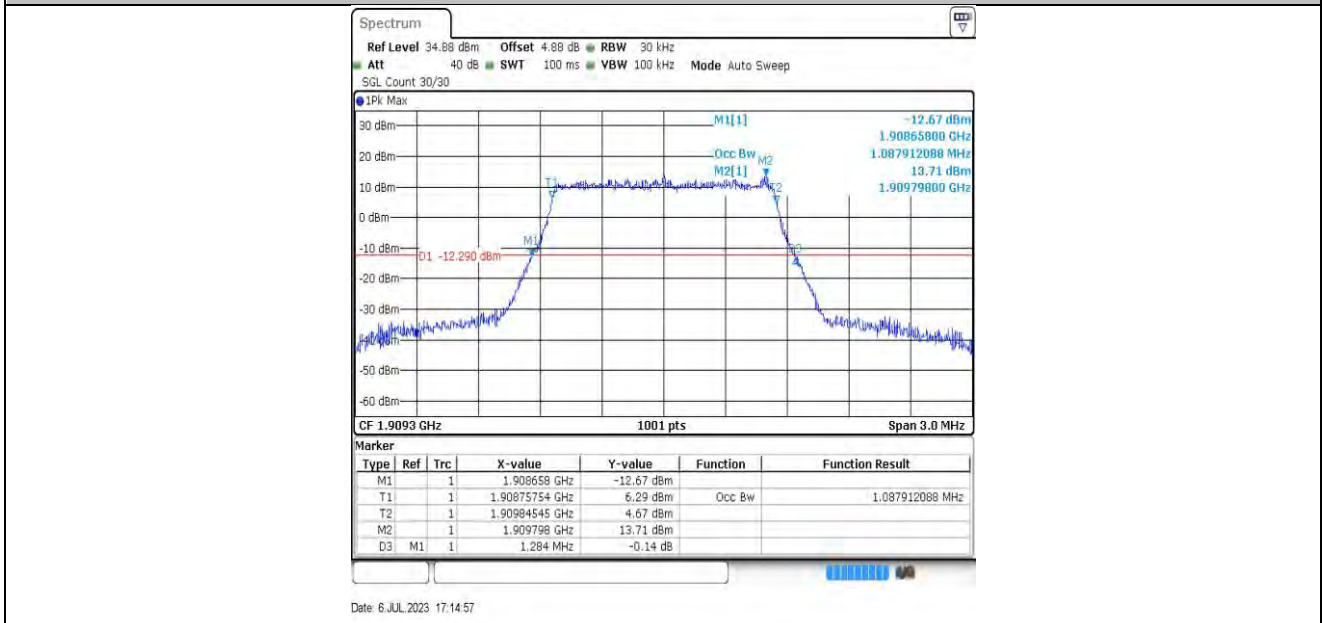
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1.4MHz-18900 256QAM



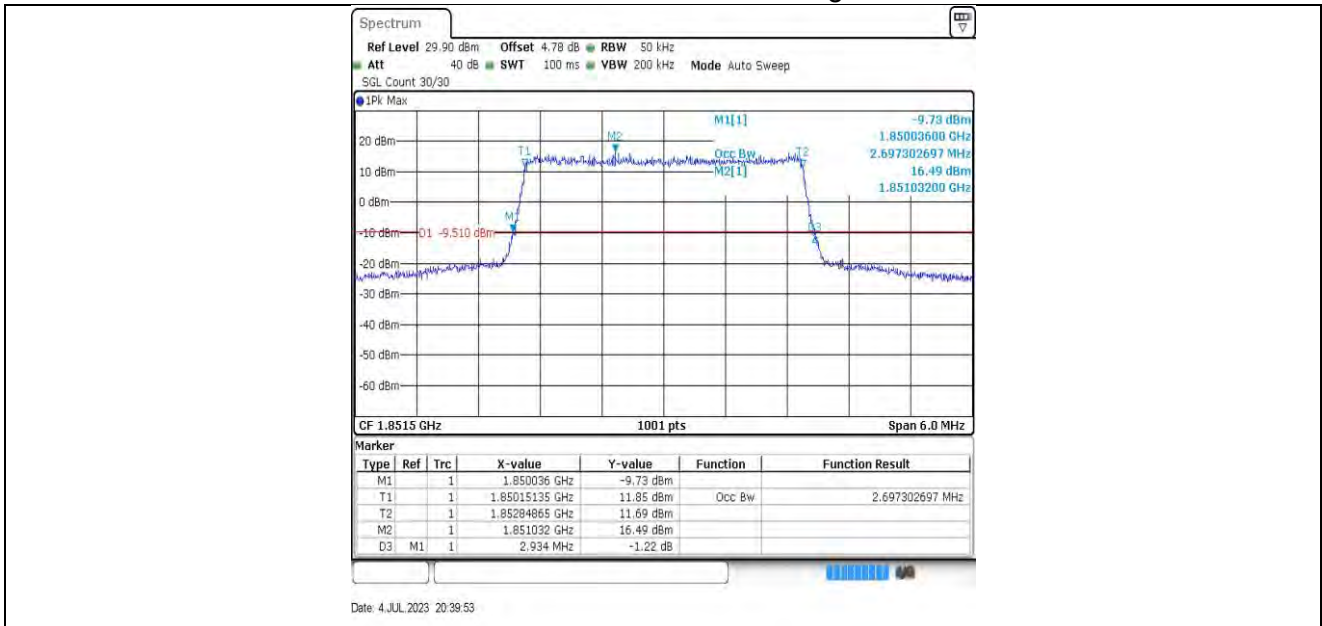
1.4MHz-19193 256QAM



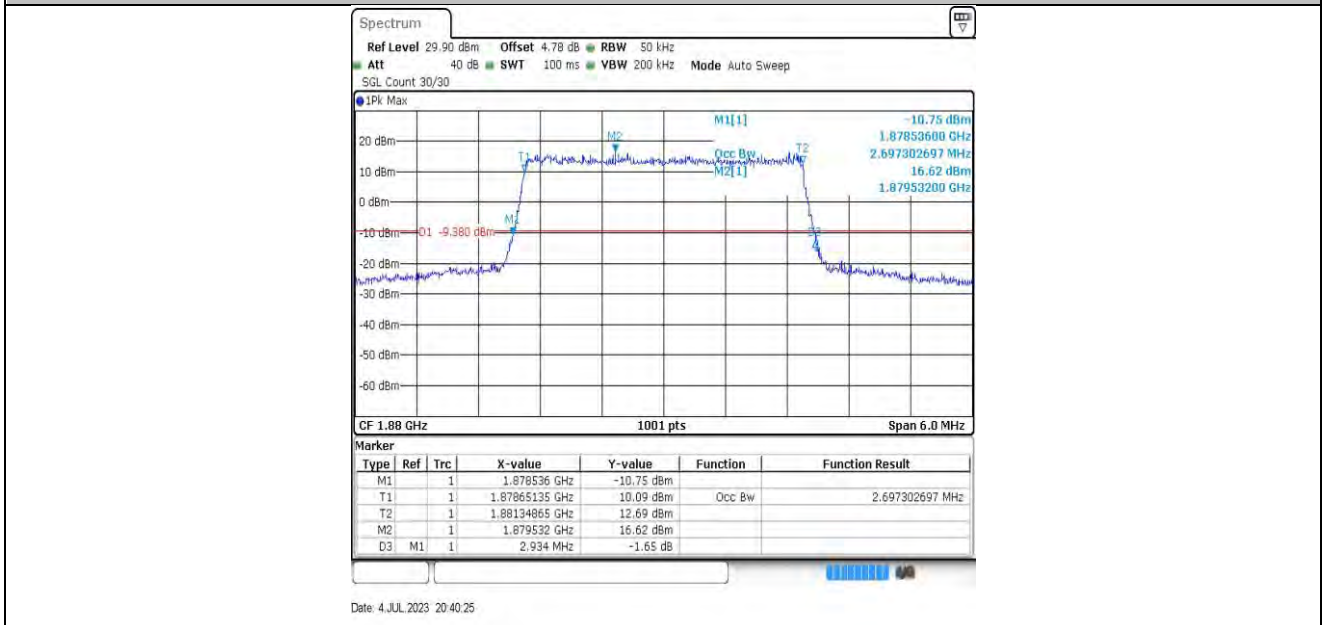
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3MHz-18615 QPSK

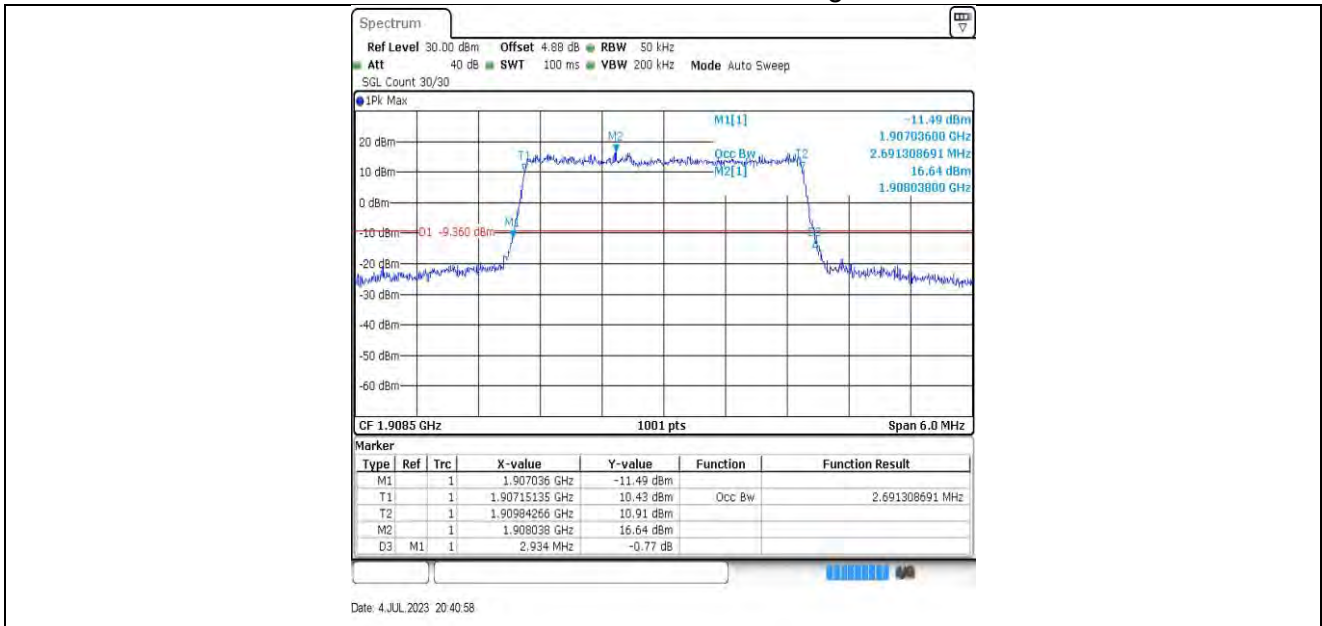


3MHz-18900 QPSK

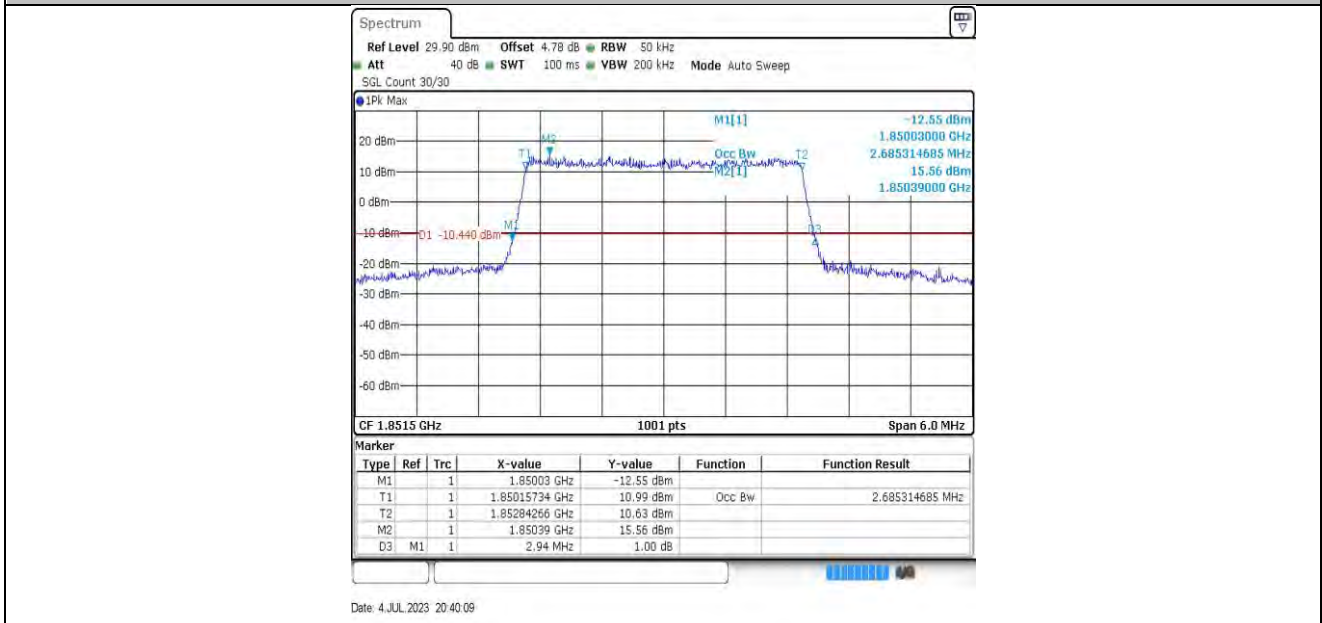


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3MHz-19185 QPSK



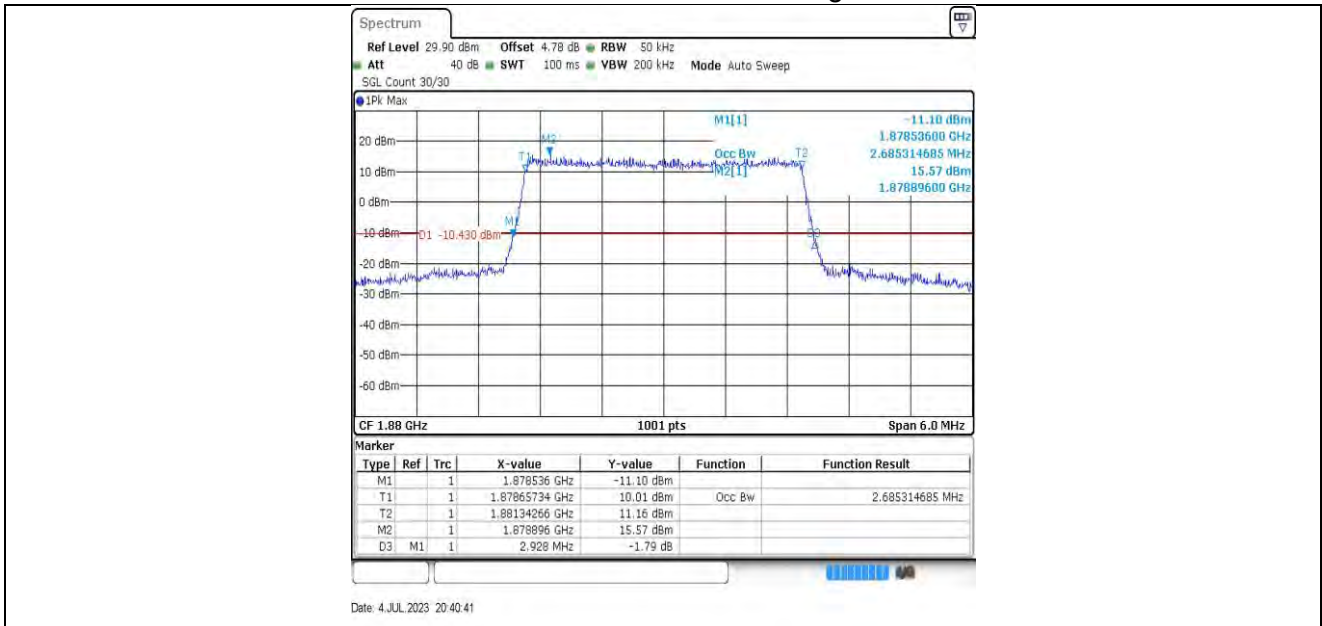
3MHz-18615 16QAM



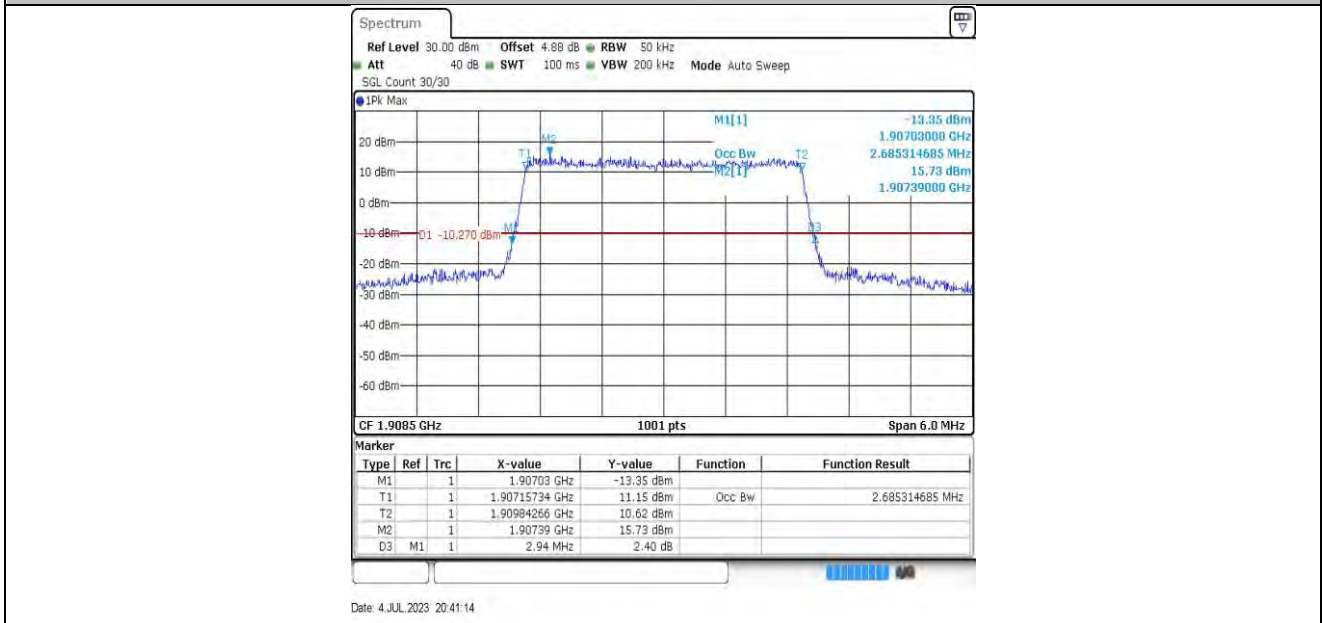
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3MHz-18900 16QAM

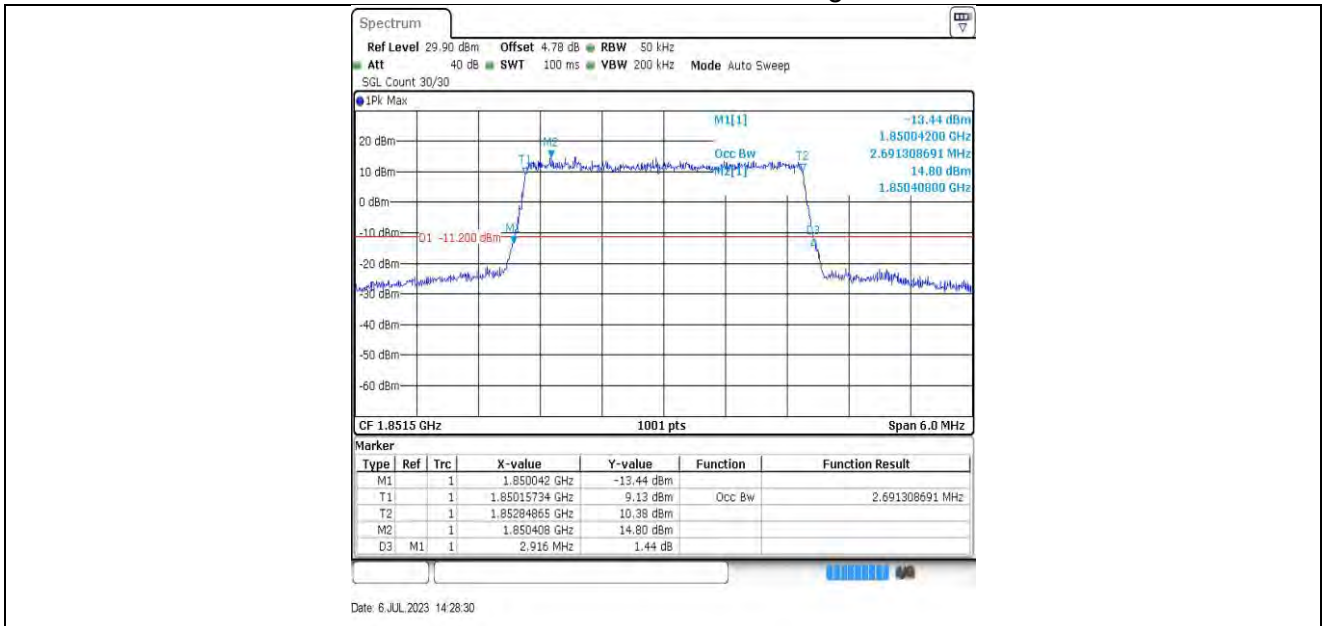


3MHz-19185 16QAM

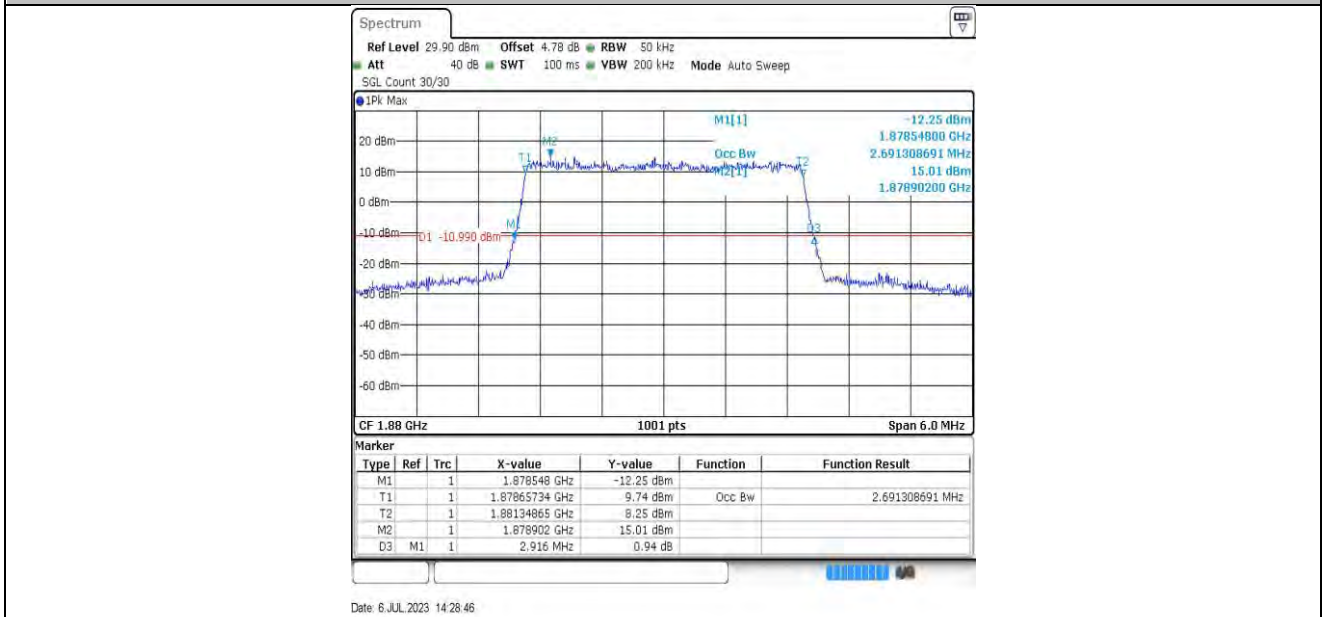


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3MHz-18615 64QAM



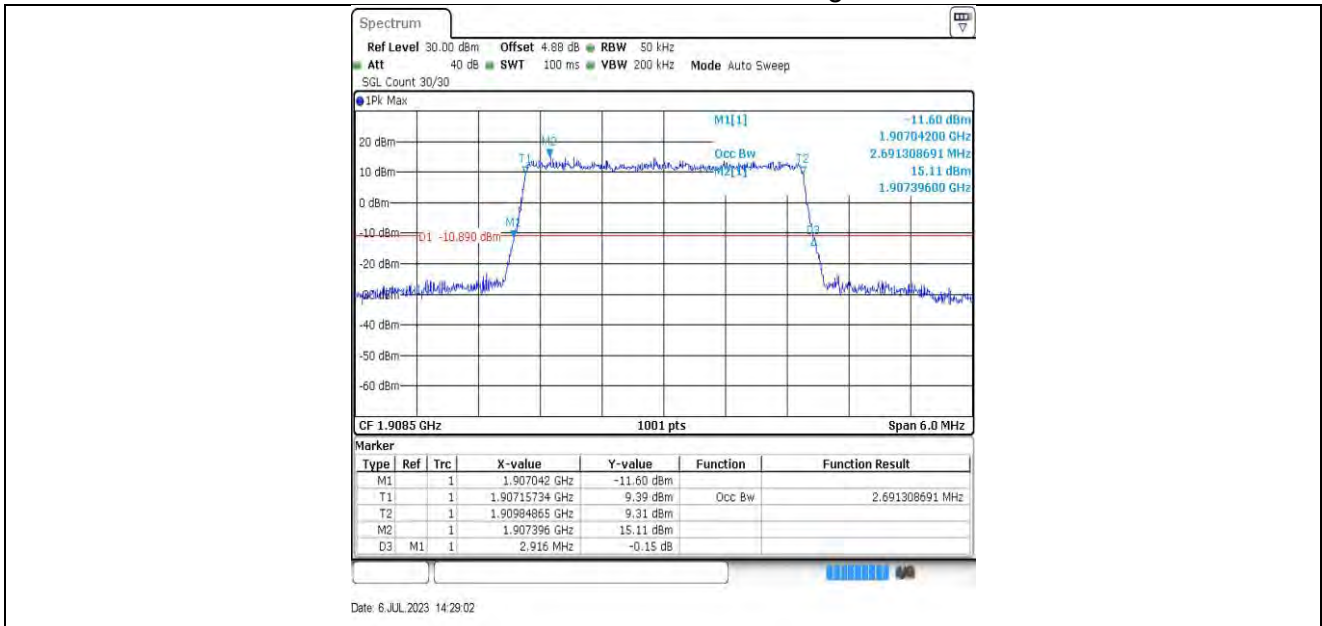
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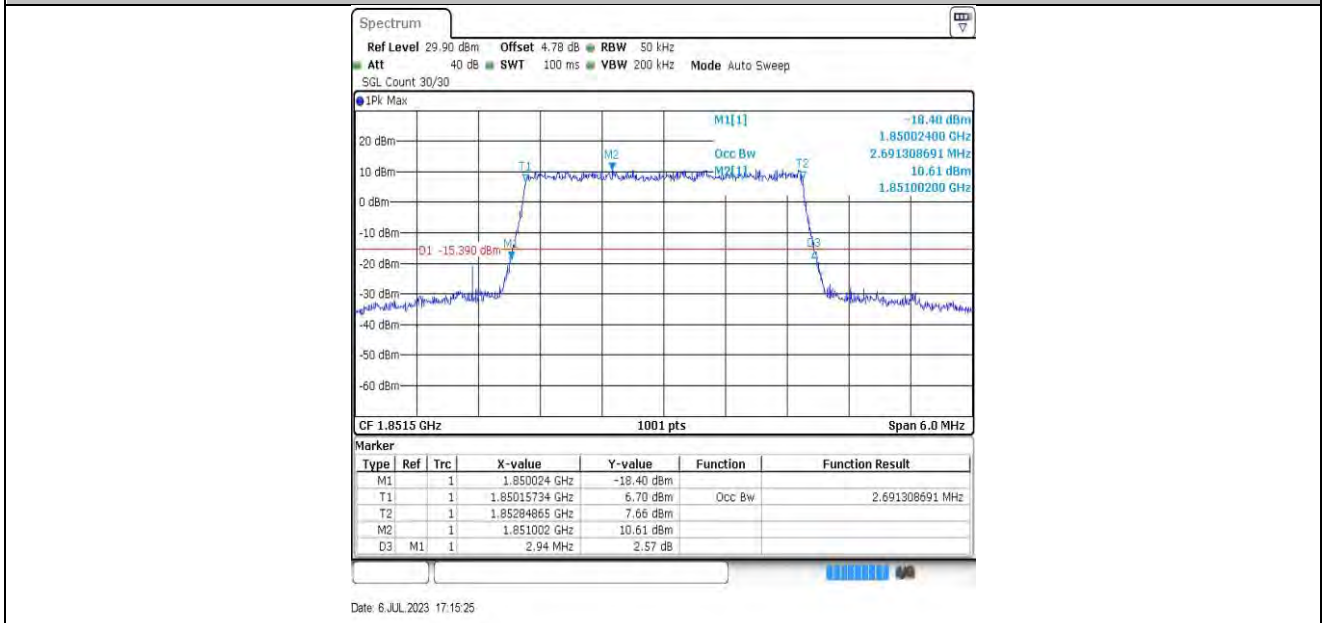
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3MHz-19185 64QAM



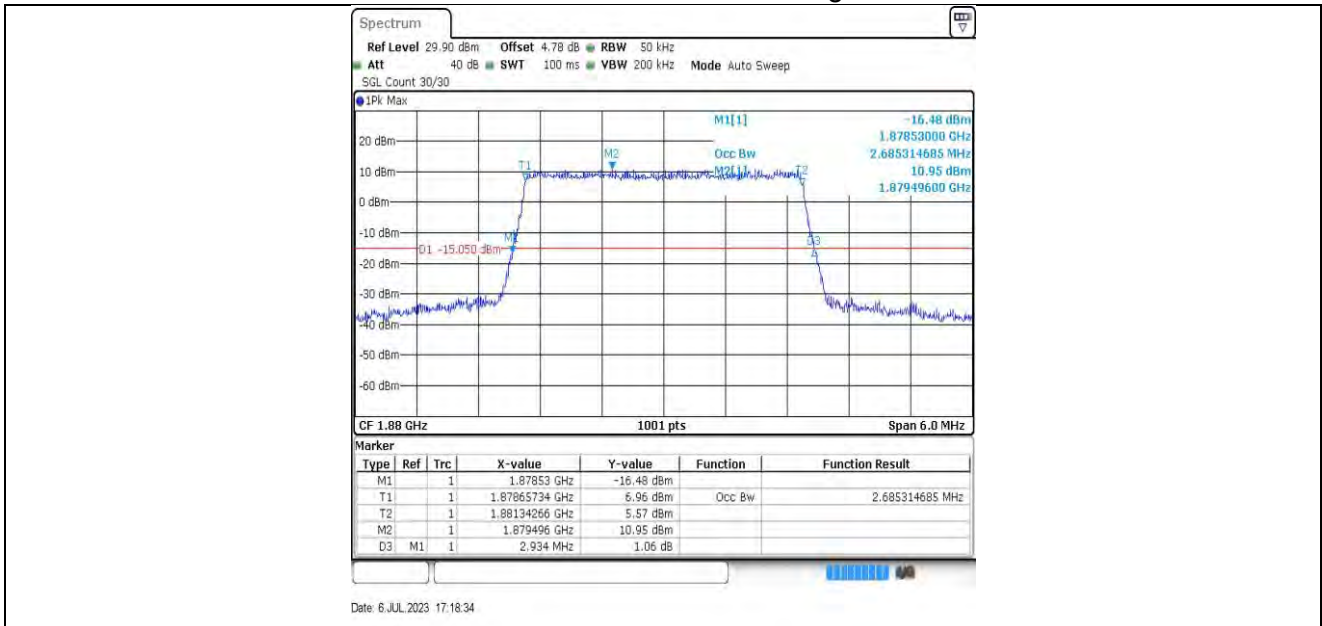
3MHz-18615 256QAM



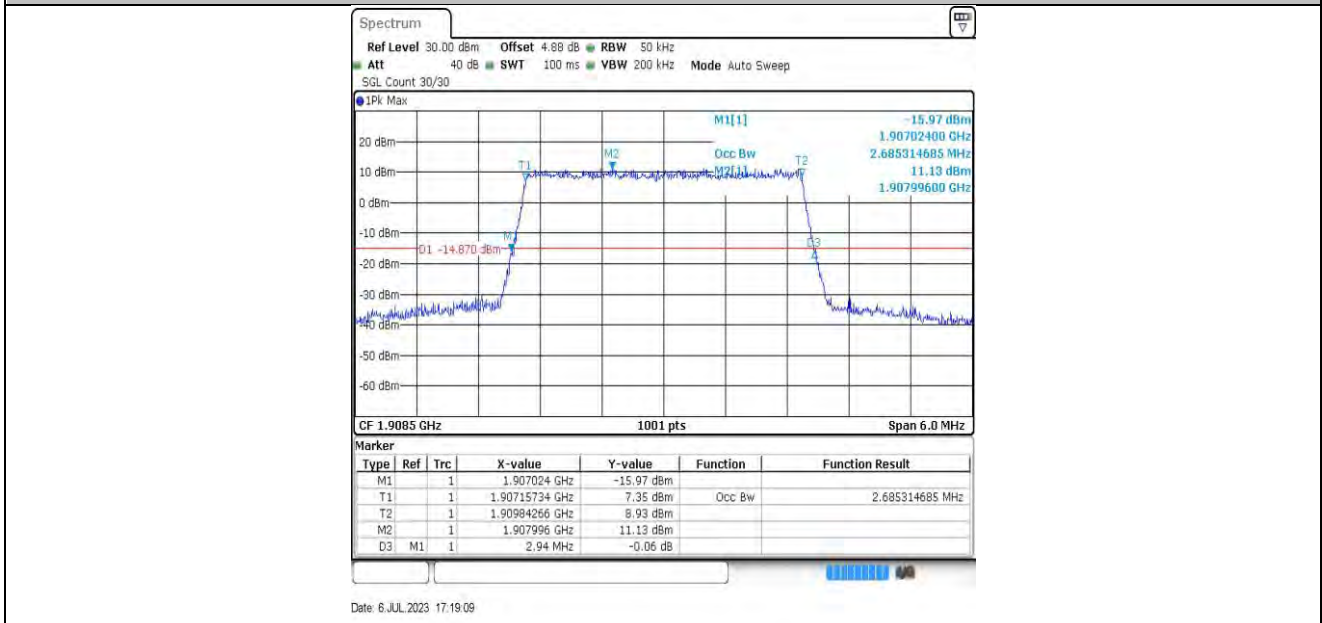
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3MHz-18900 256QAM

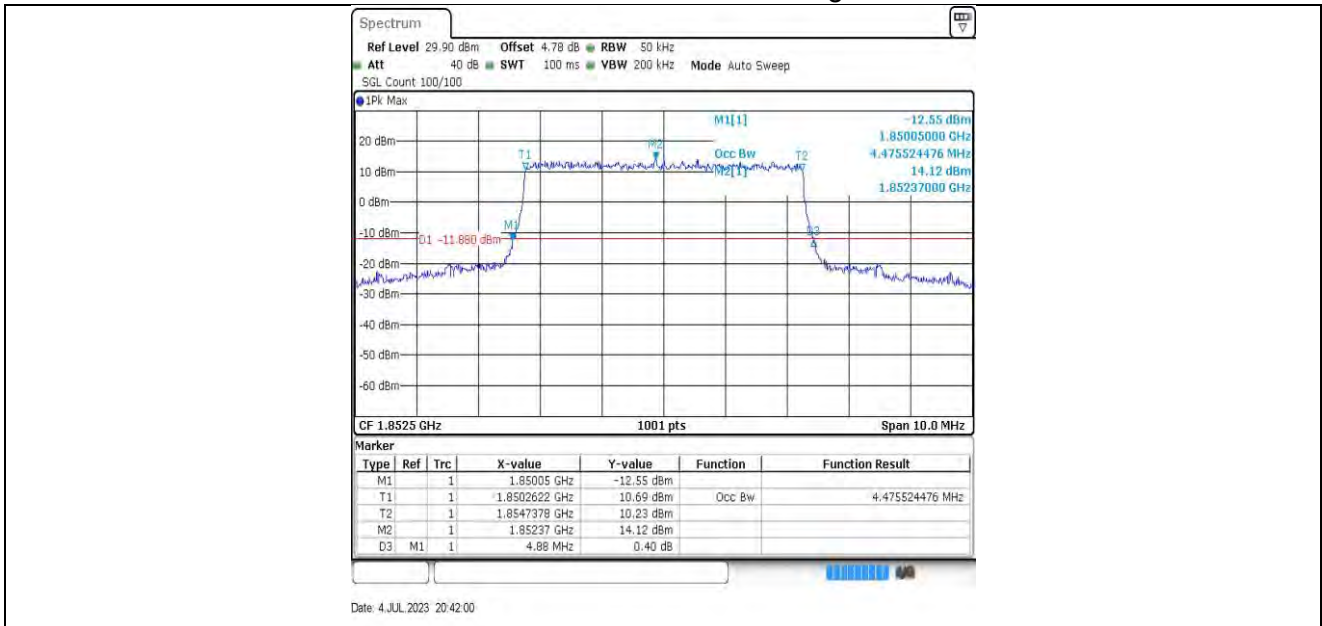


3MHz-19185 256QAM

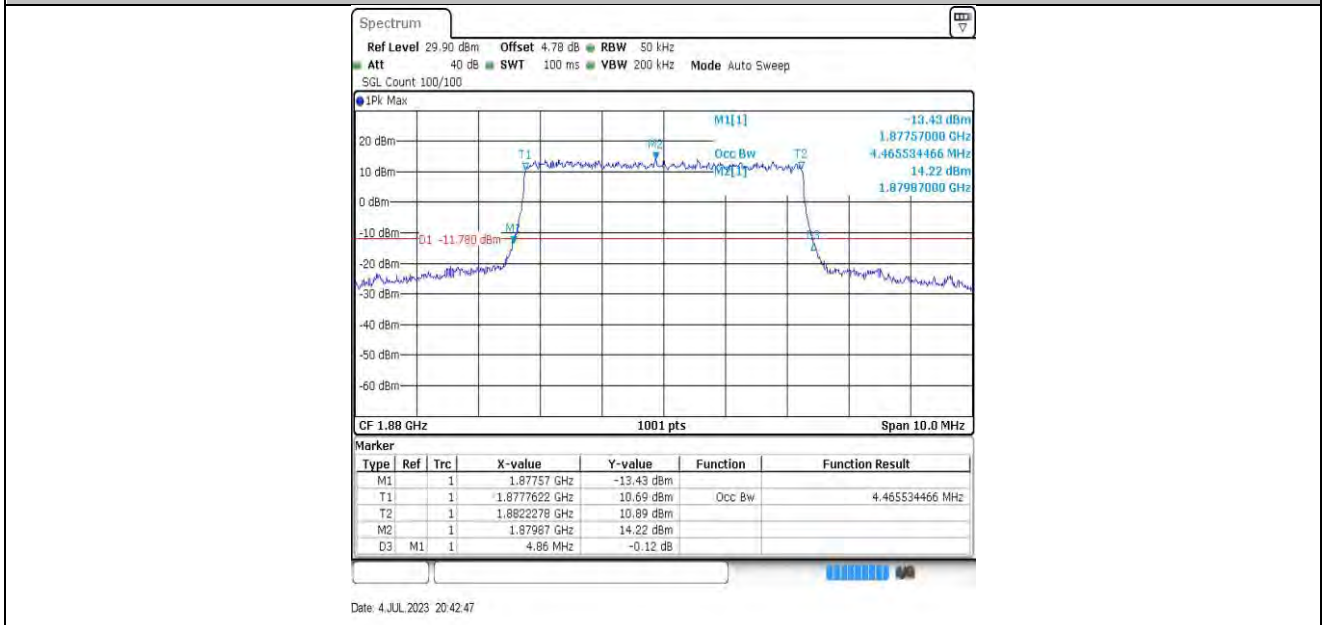


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5MHz-18625 QPSK



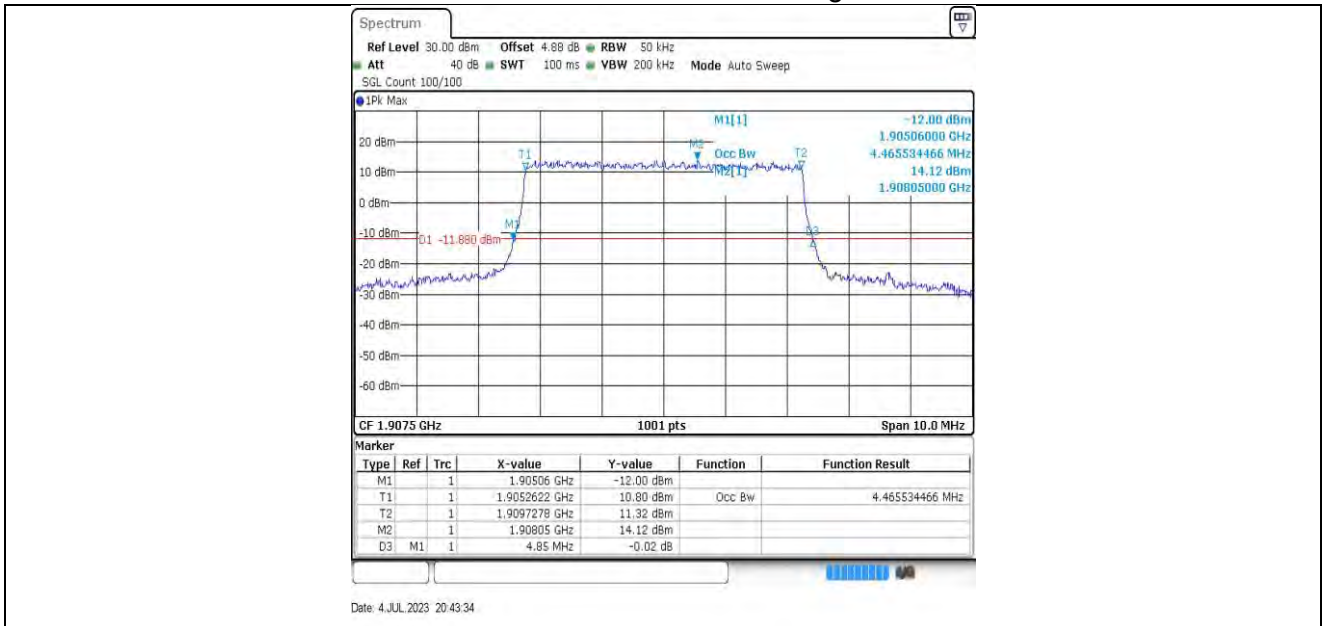
5MHz-18900 QPSK



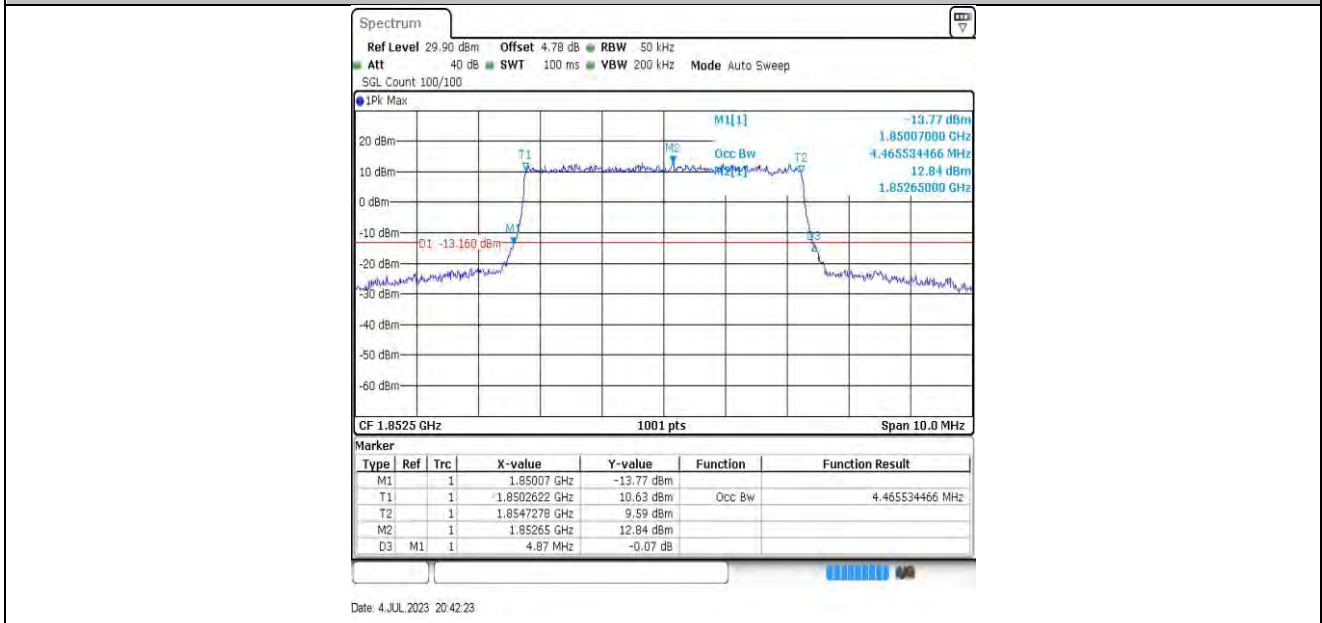
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5MHz-19175 QPSK



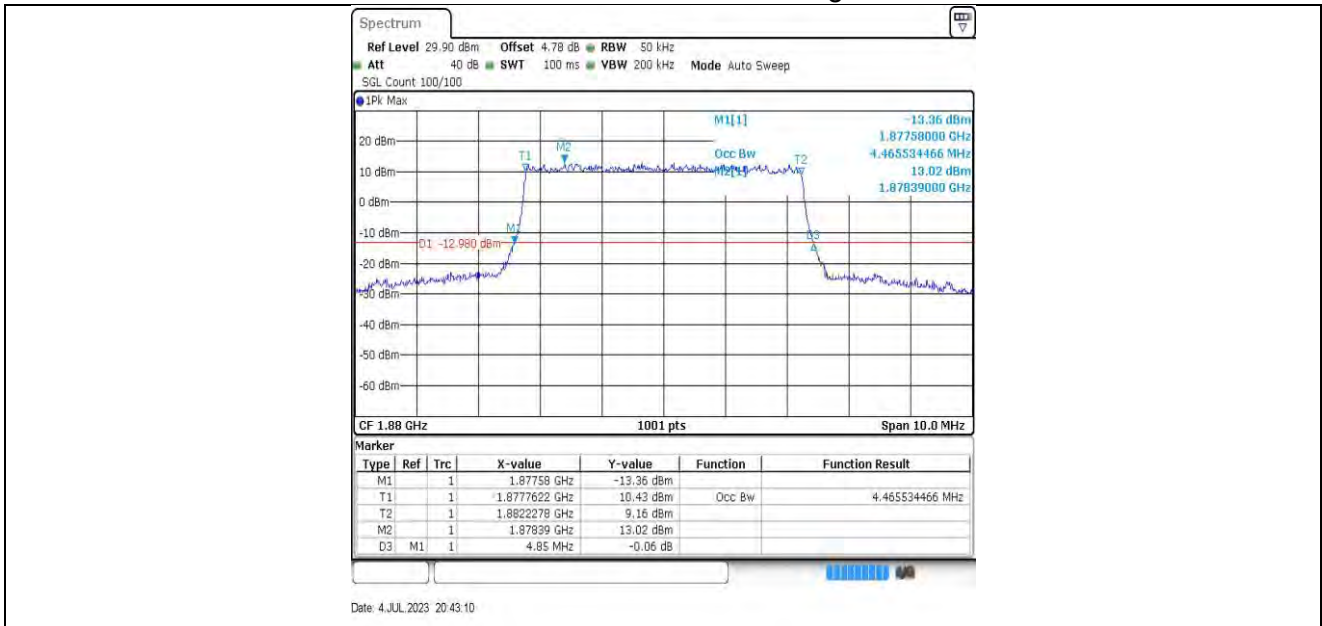
5MHz-18625 16QAM



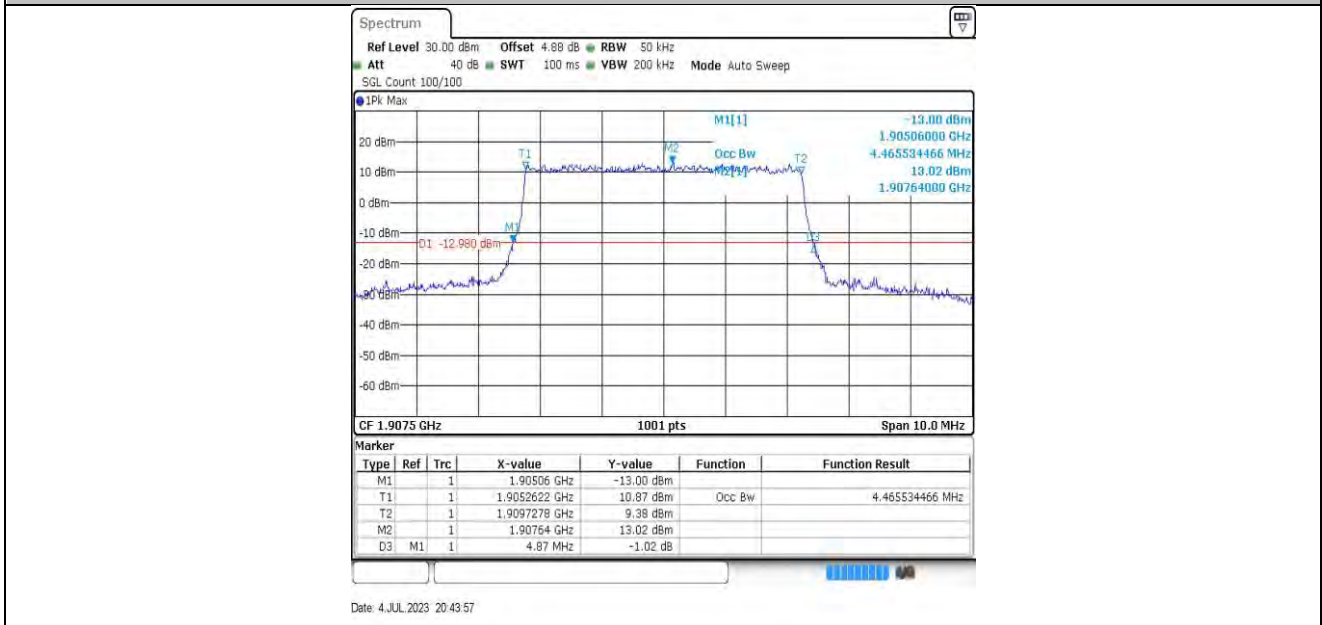
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5MHz-18900 16QAM

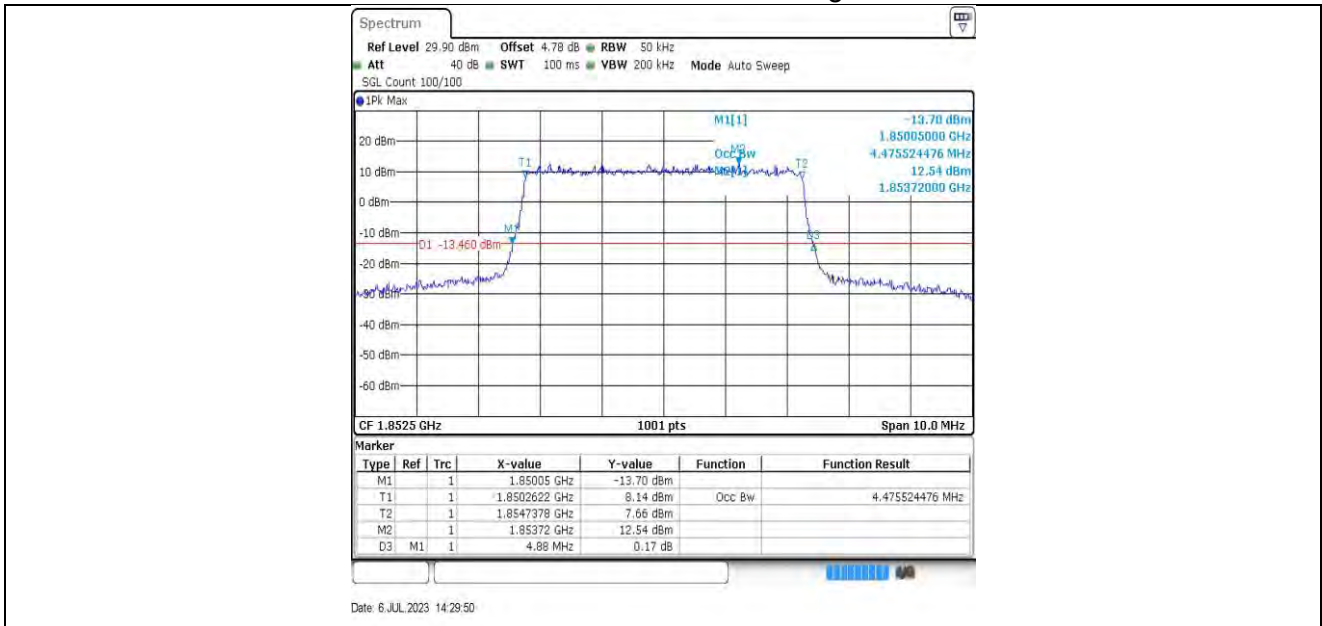


5MHz-19175 16QAM

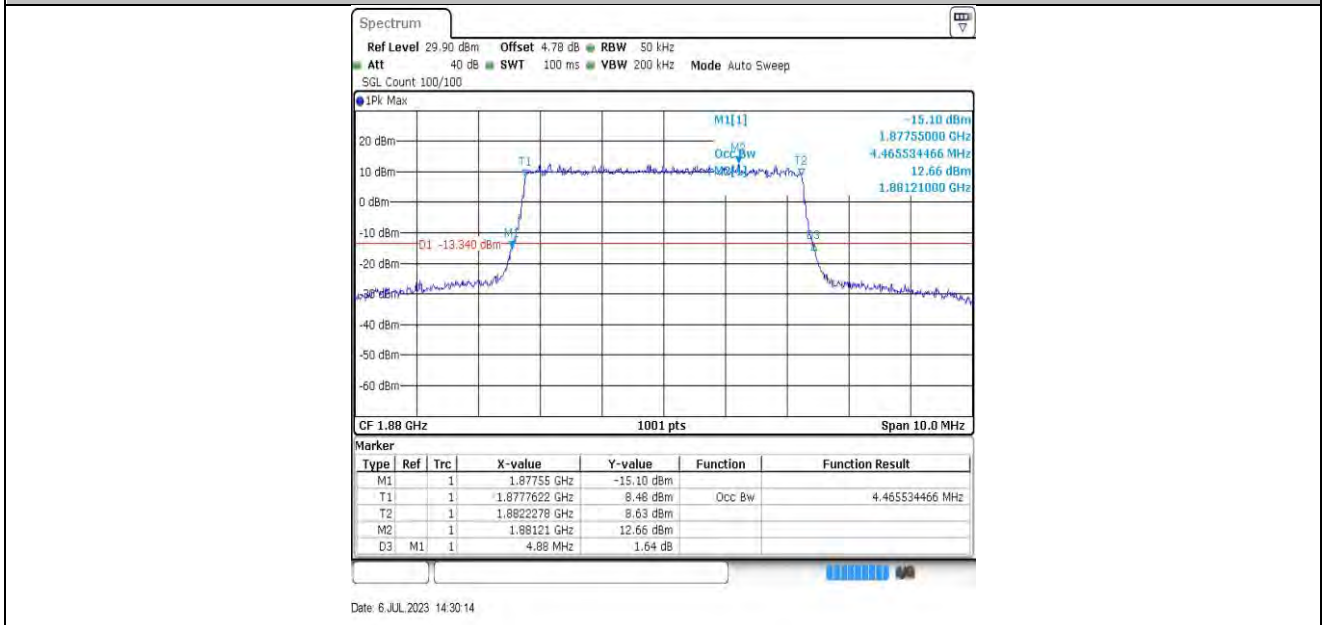


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5MHz-18625 64QAM



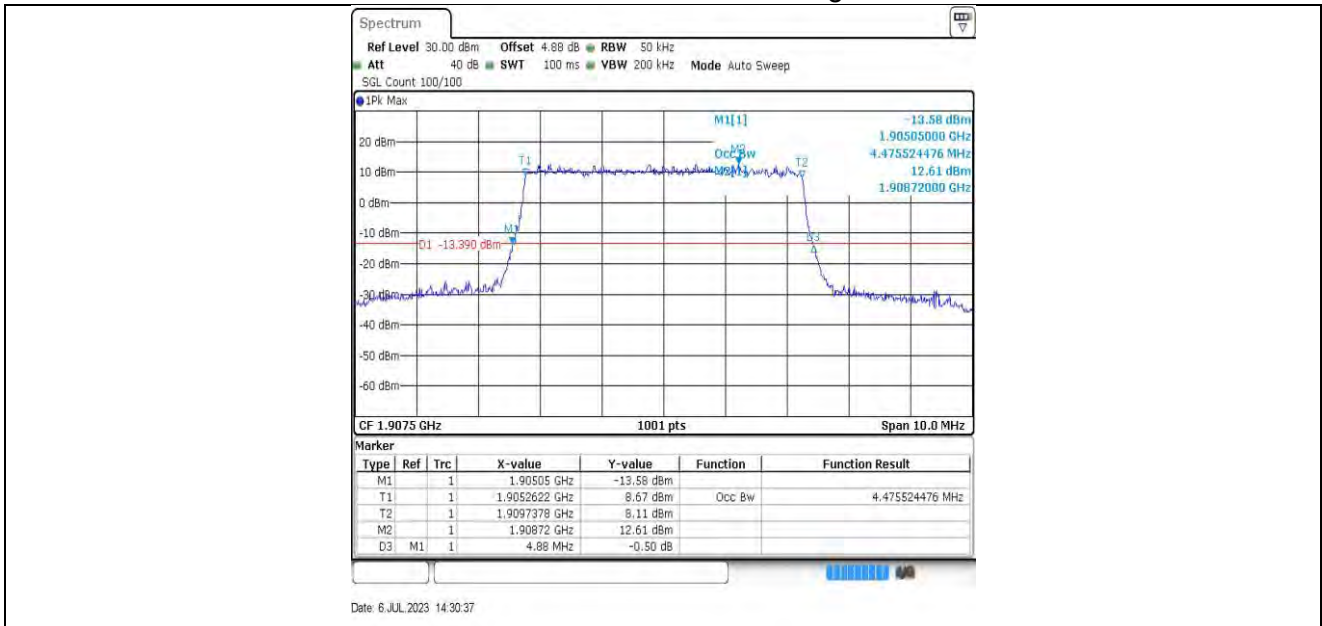
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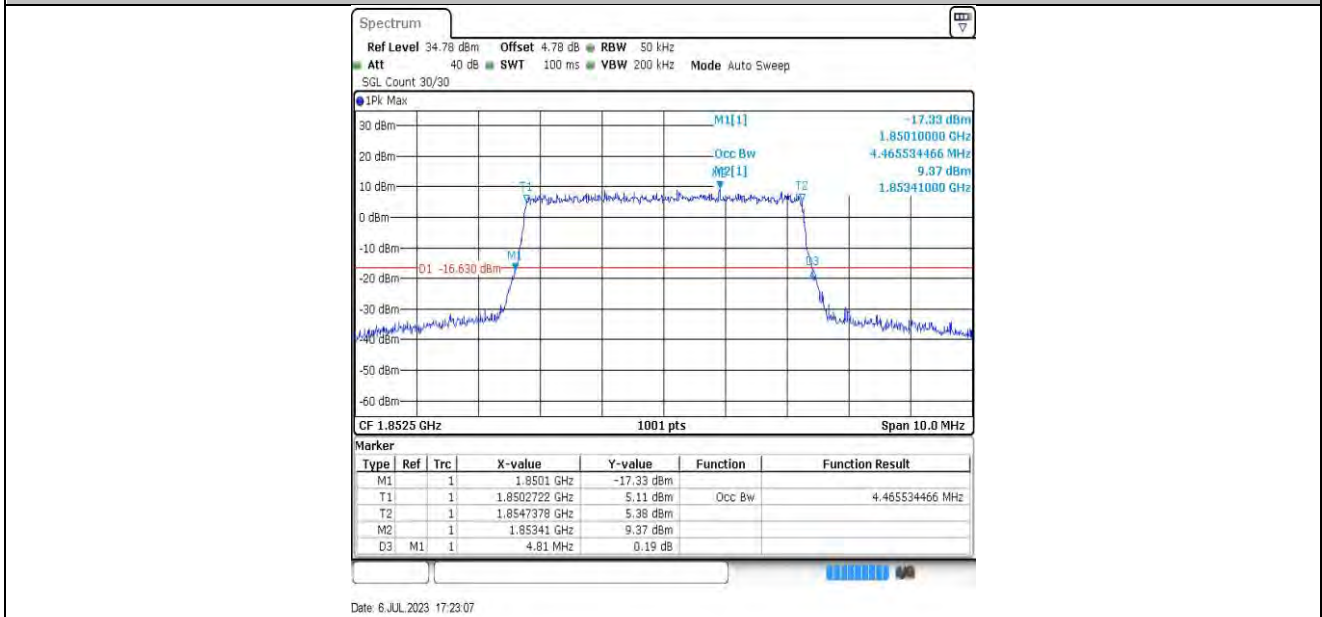
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5MHz-19175 64QAM



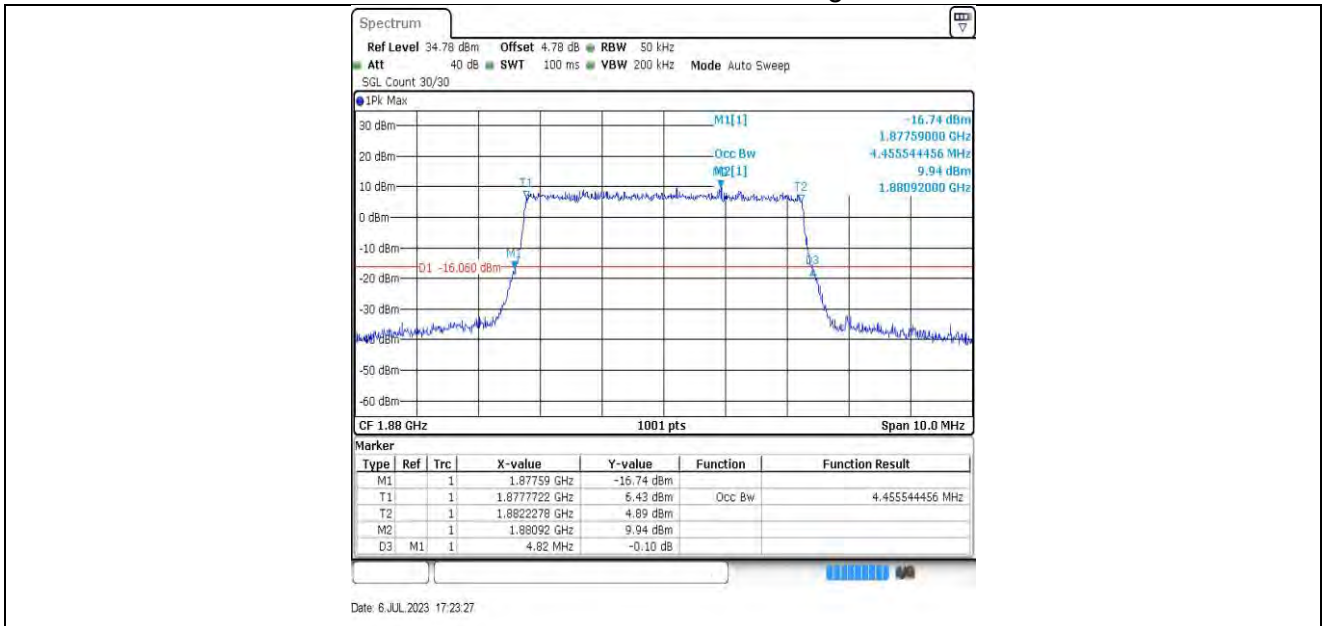
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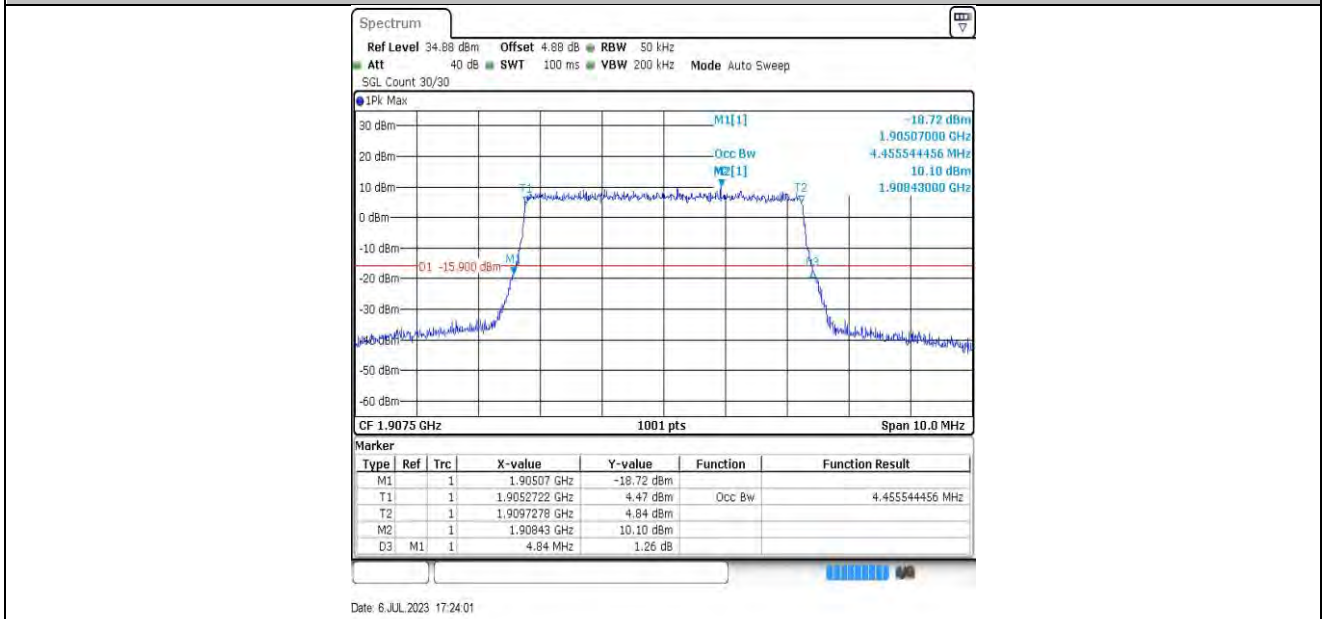
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5MHz-18900 256QAM



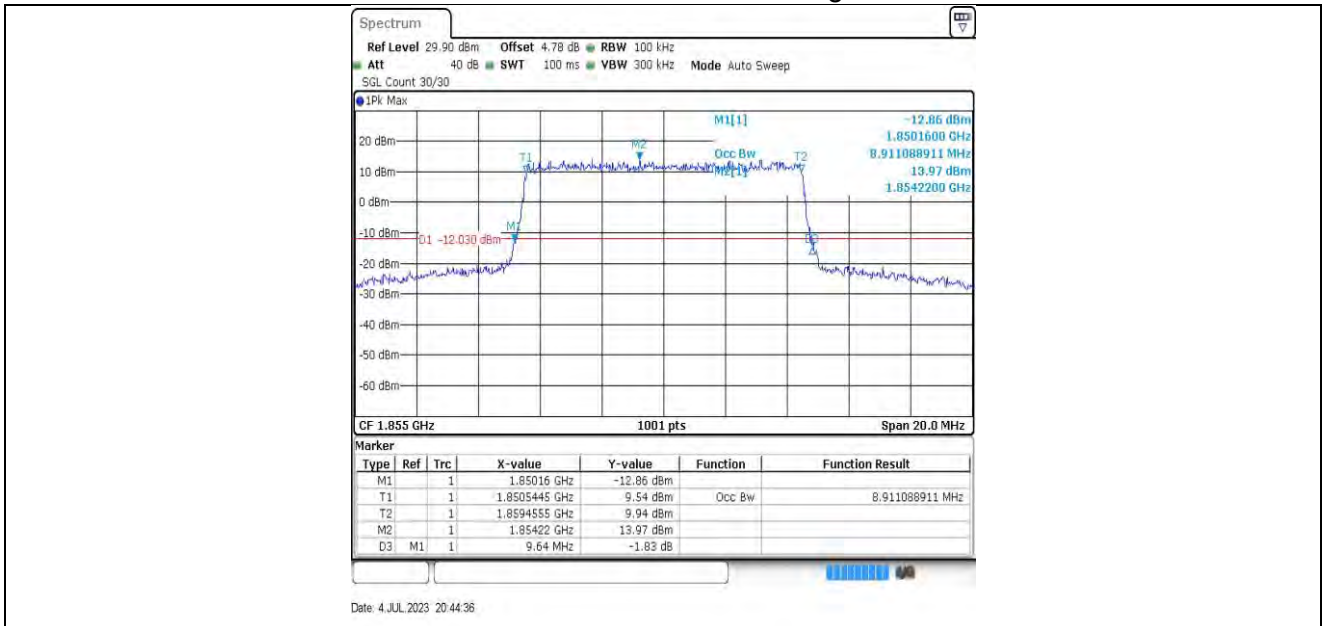
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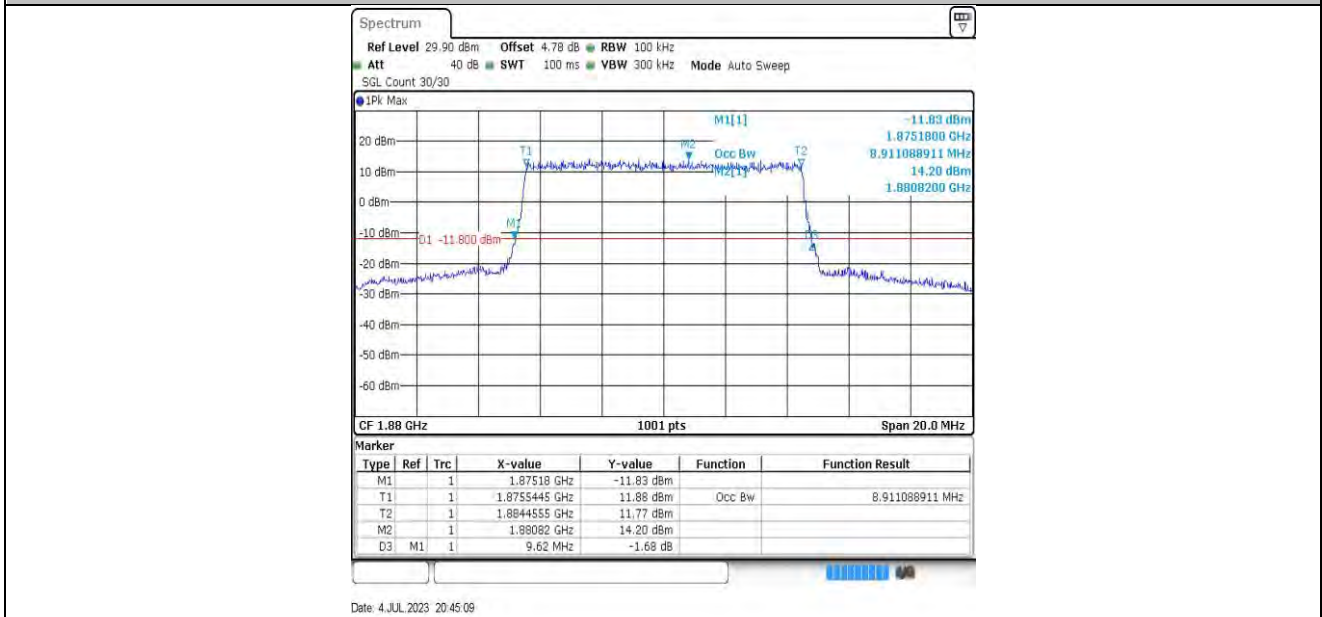
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10MHz-18650 QPSK



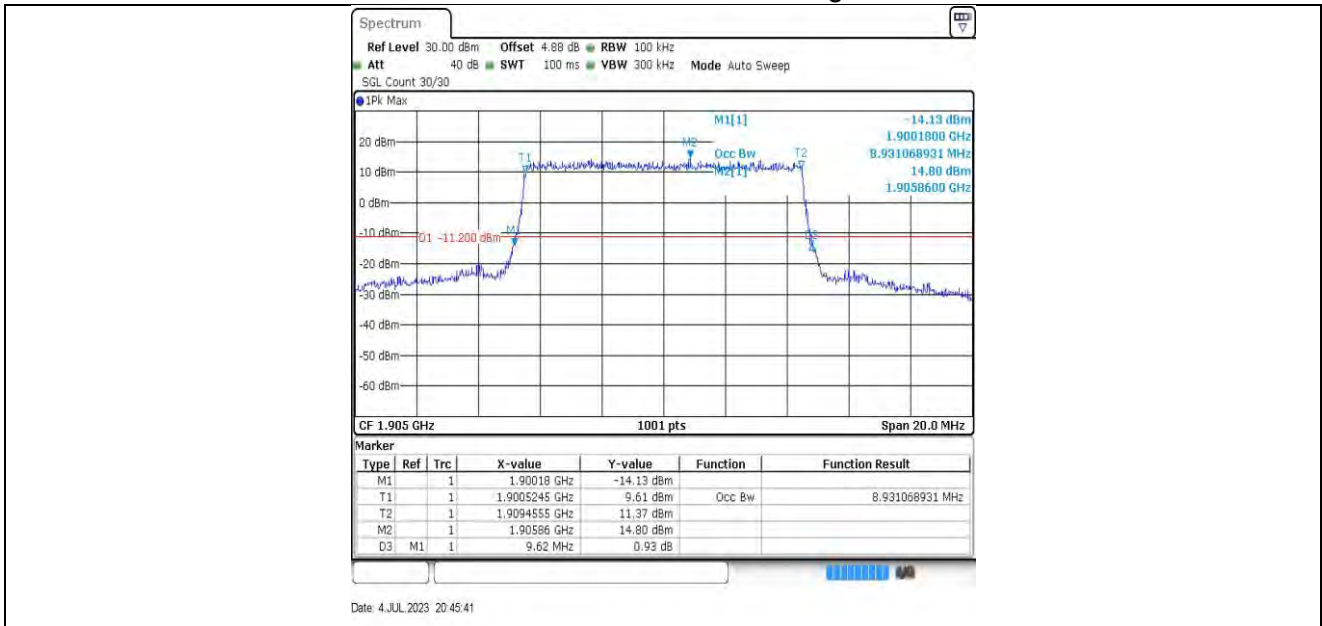
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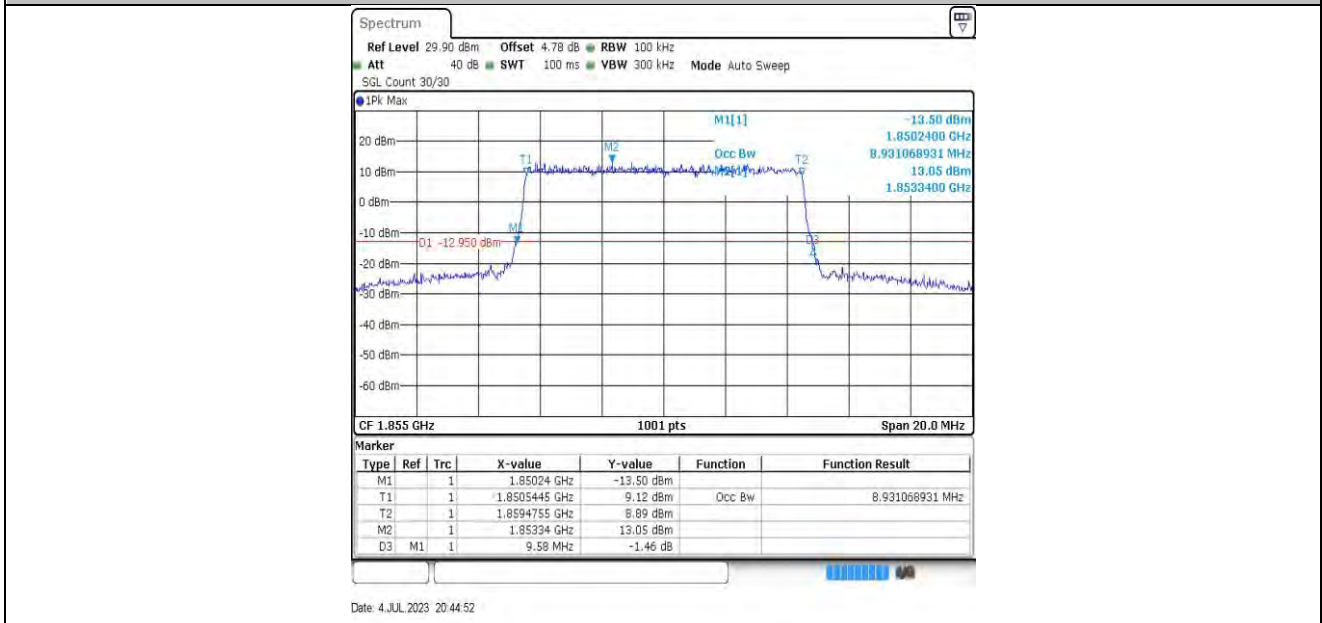
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10MHz-19150 QPSK



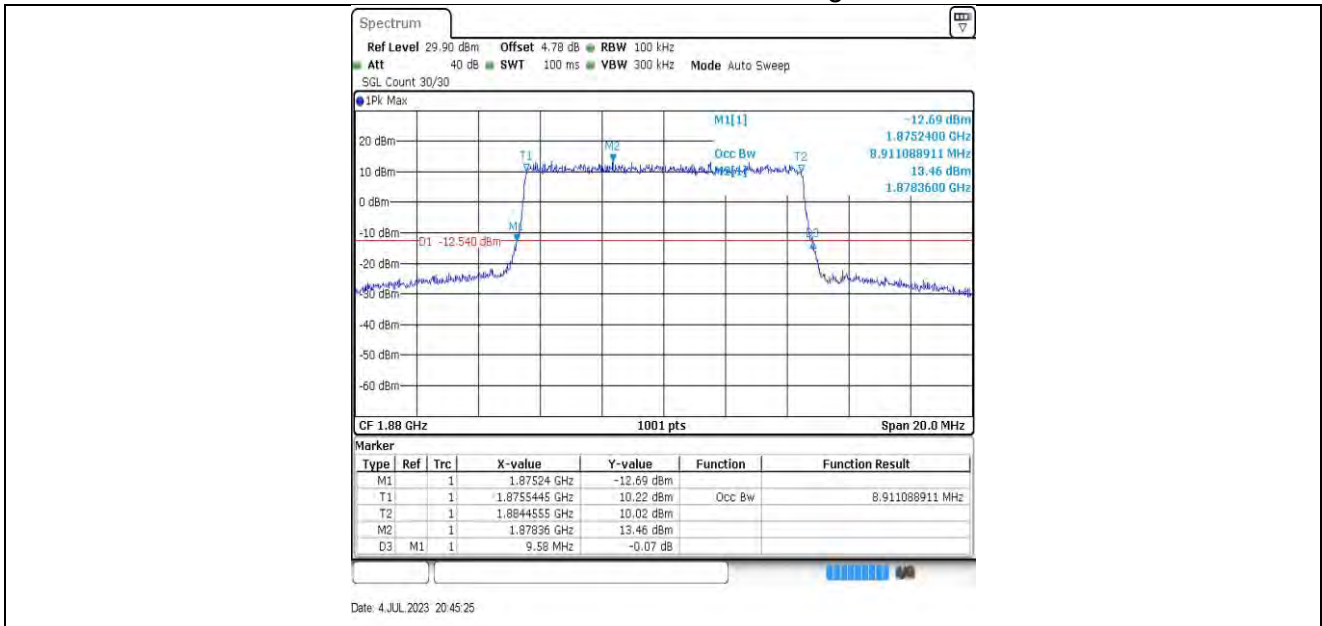
10MHz-18650 16QAM



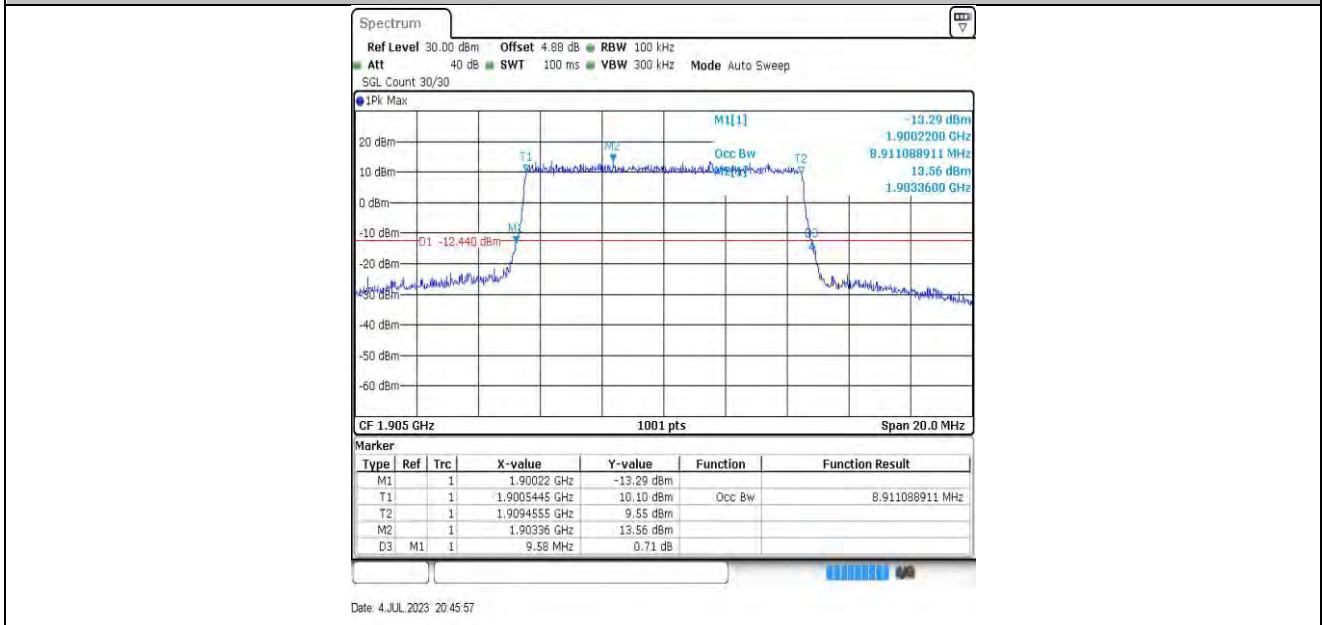
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10MHz-18900 16QAM



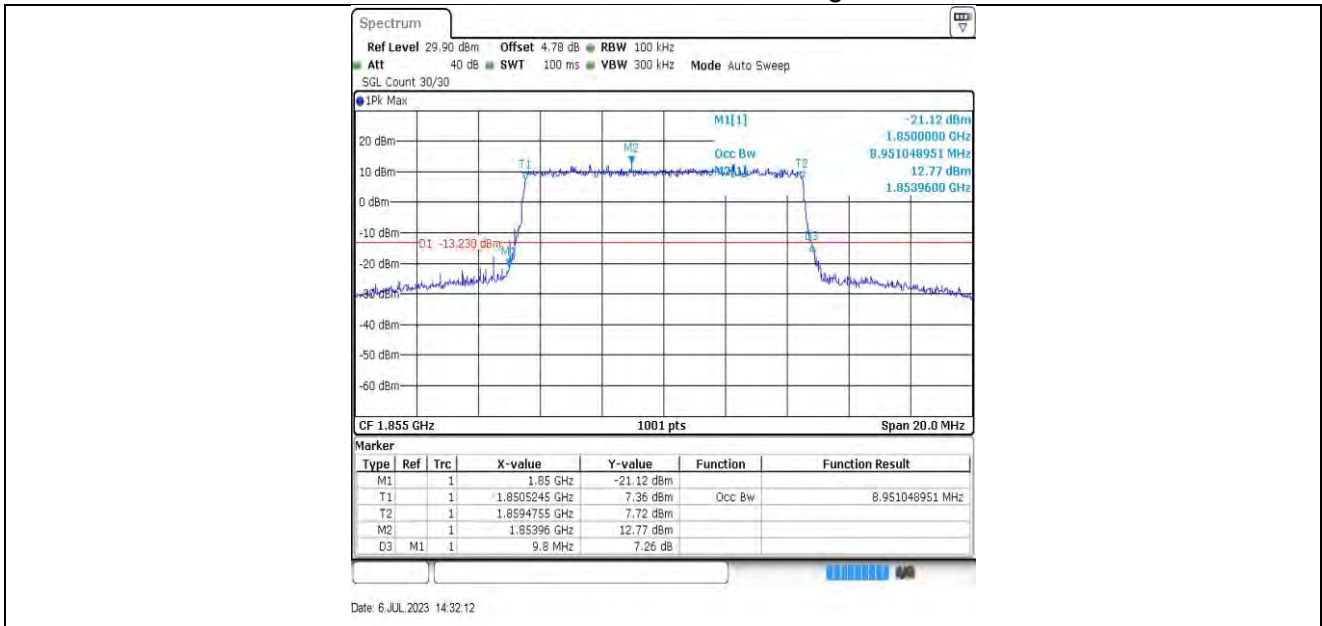
10MHz-19150 16QAM



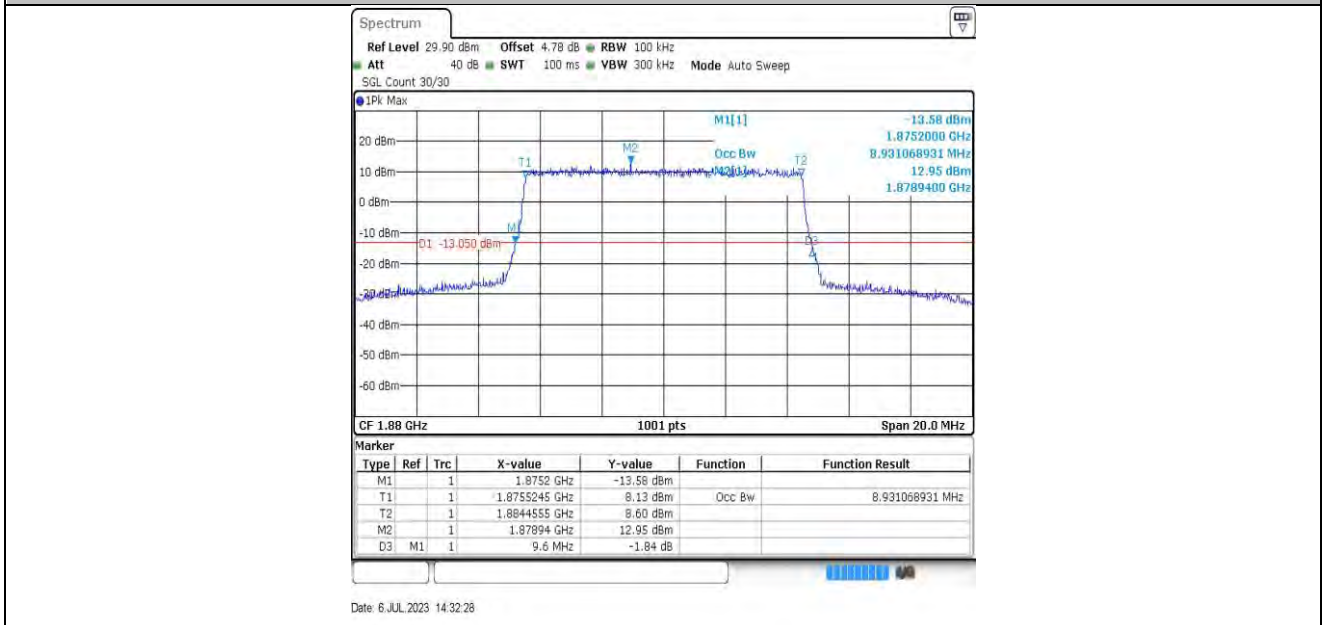
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10MHz-18650 64QAM



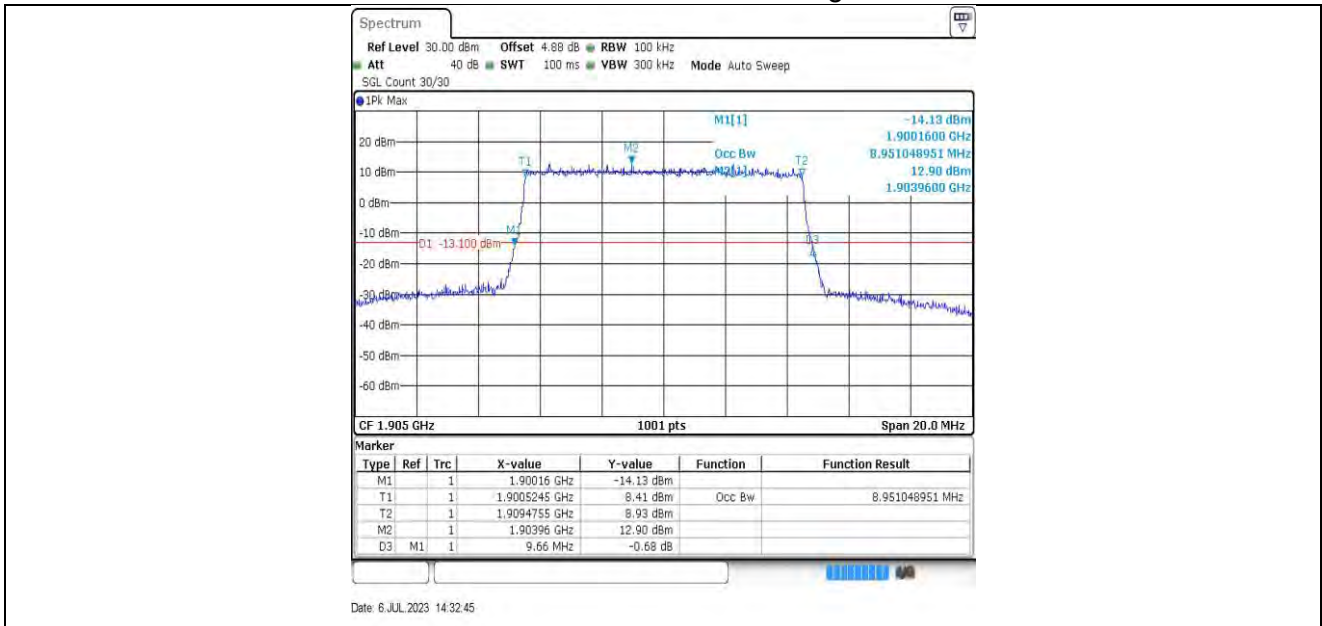
10MHz-18900 64QAM



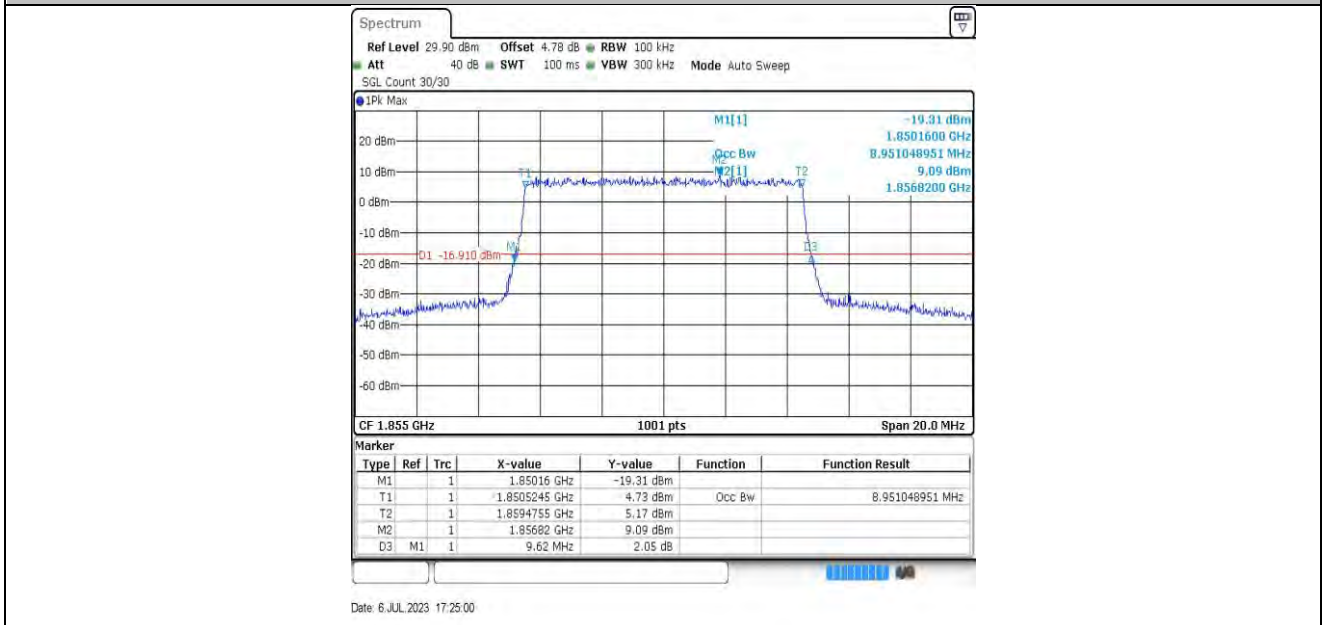
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10MHz-19150 64QAM



10MHz-18650 256QAM



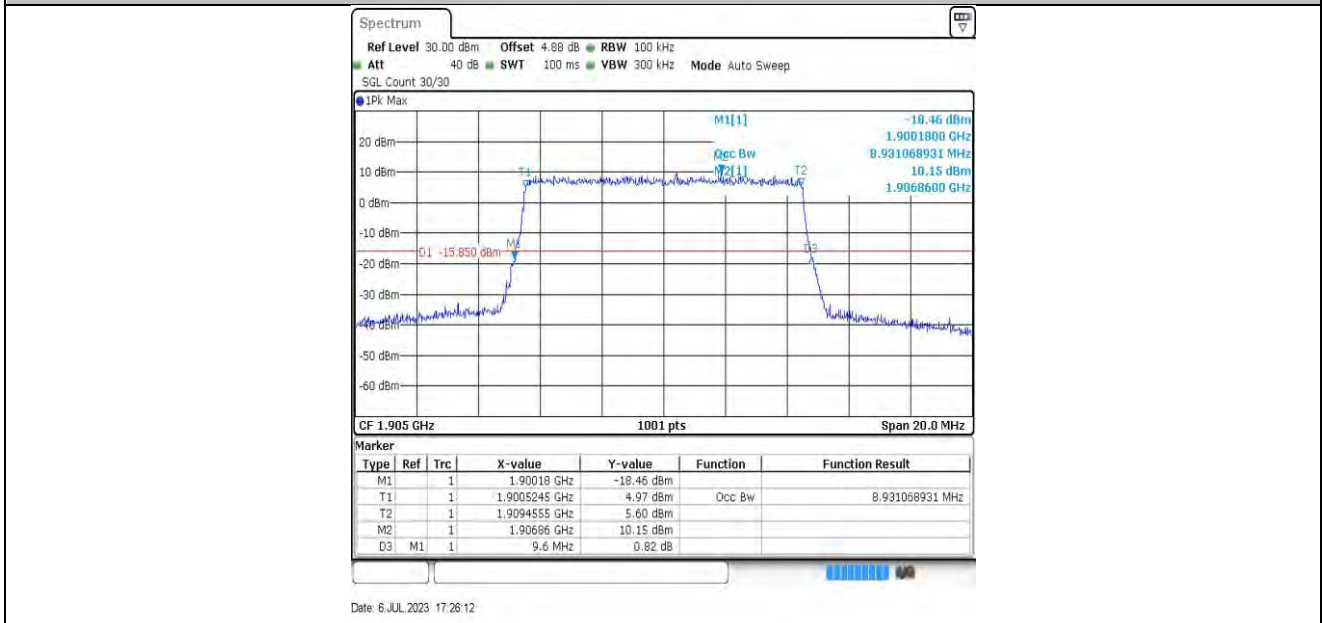
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10MHz-18900 256QAM



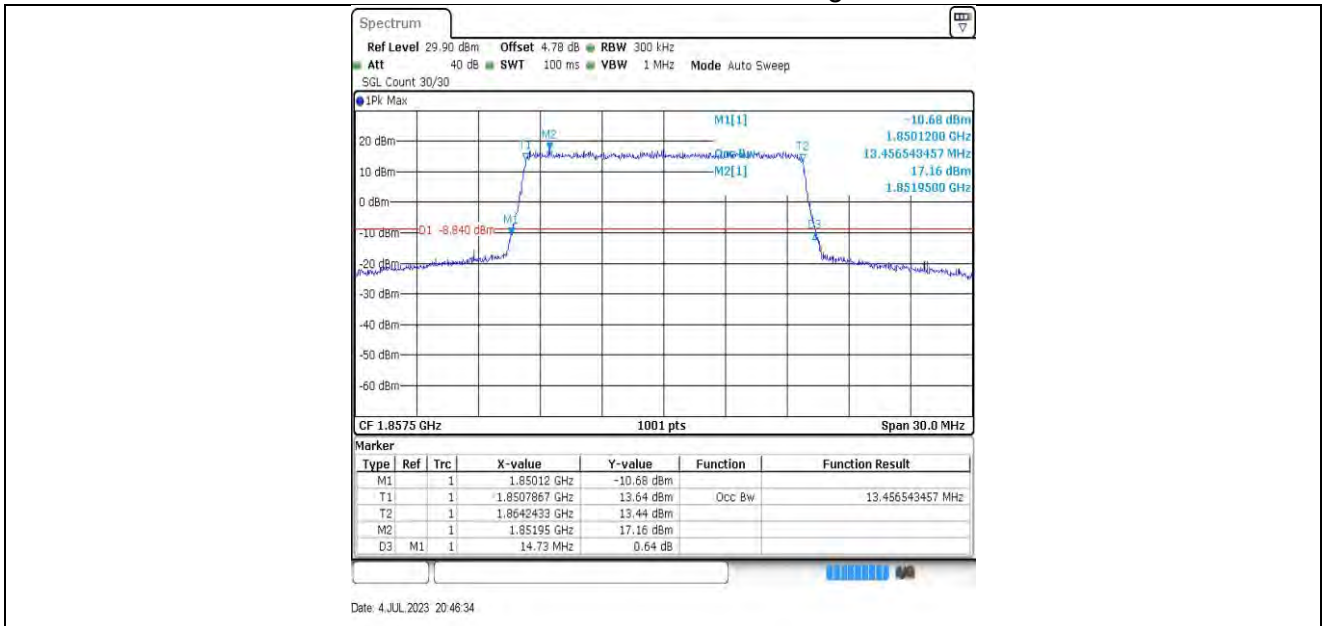
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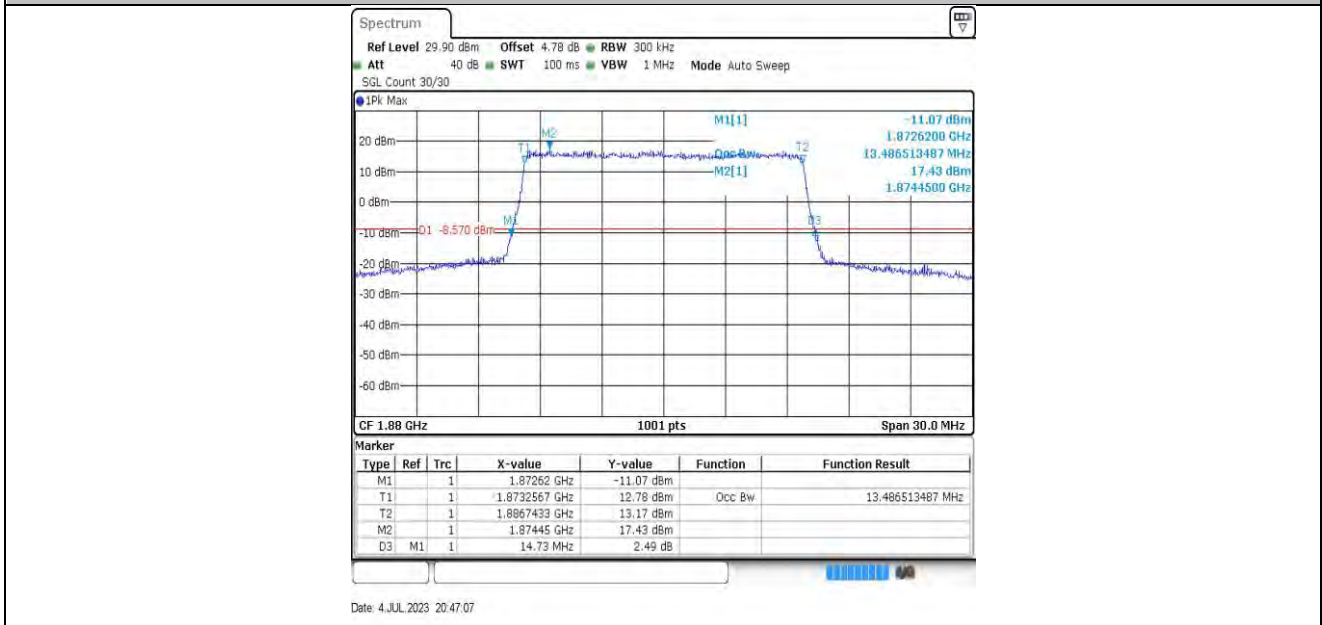
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15MHz-18675 QPSK

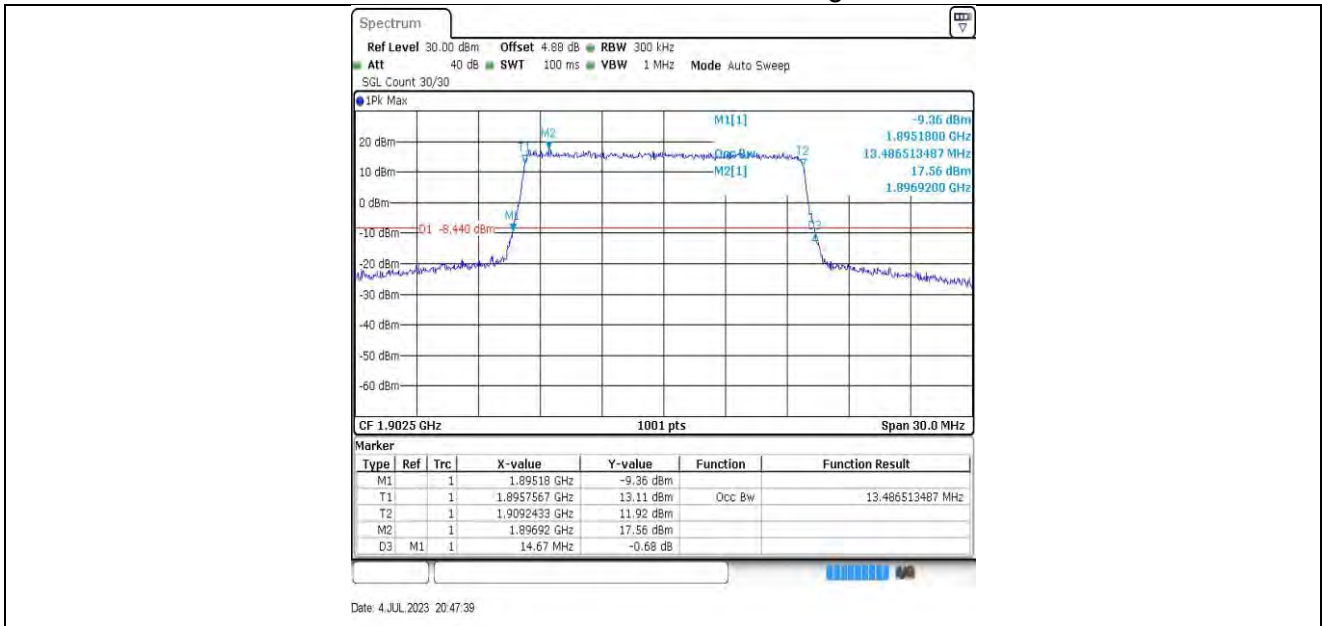


15MHz-18900 QPSK

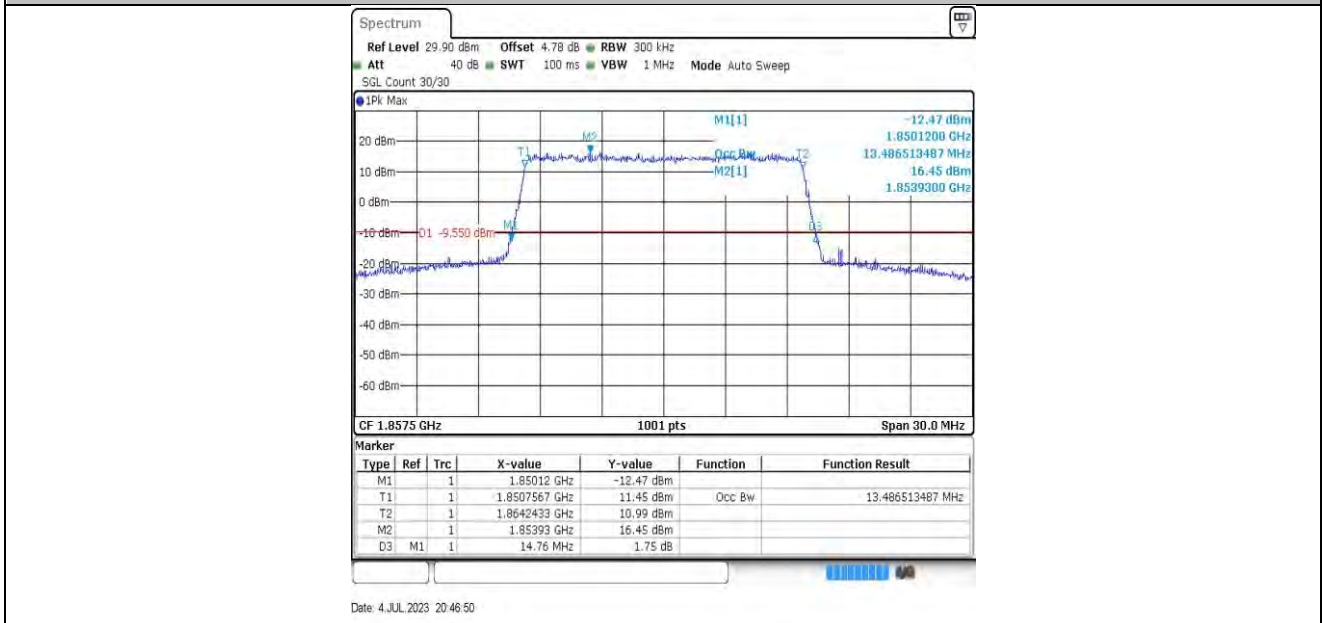


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15MHz-19125 QPSK



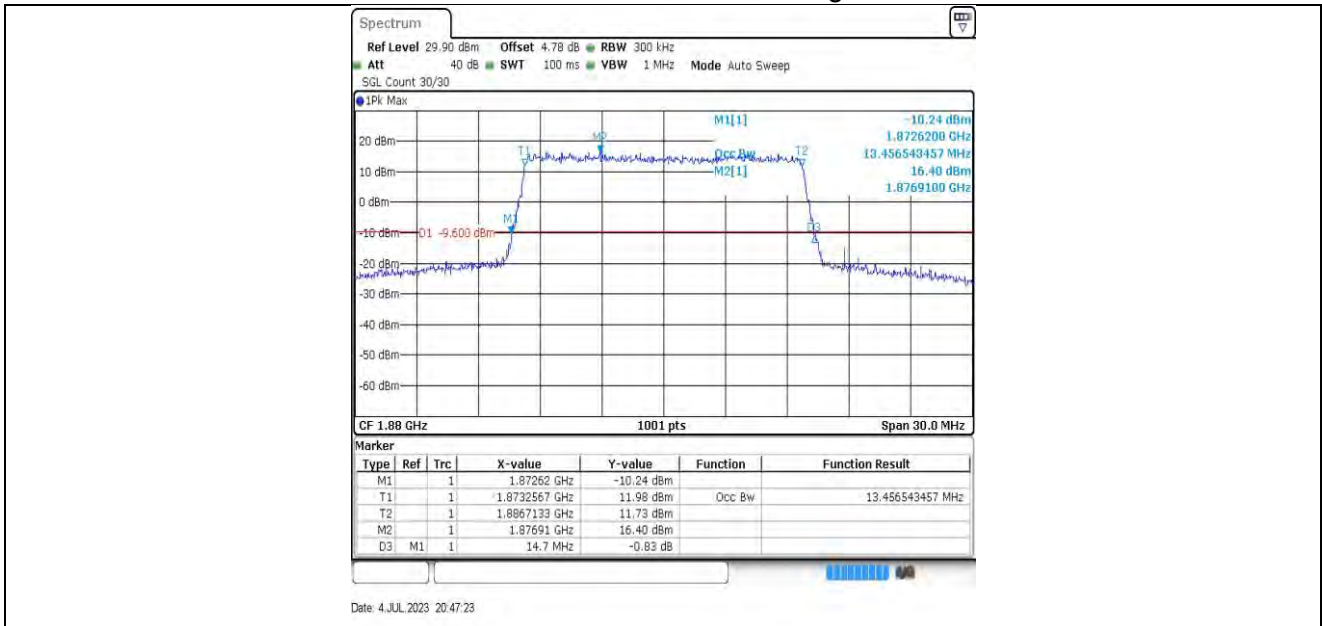
15MHz-18675 16QAM



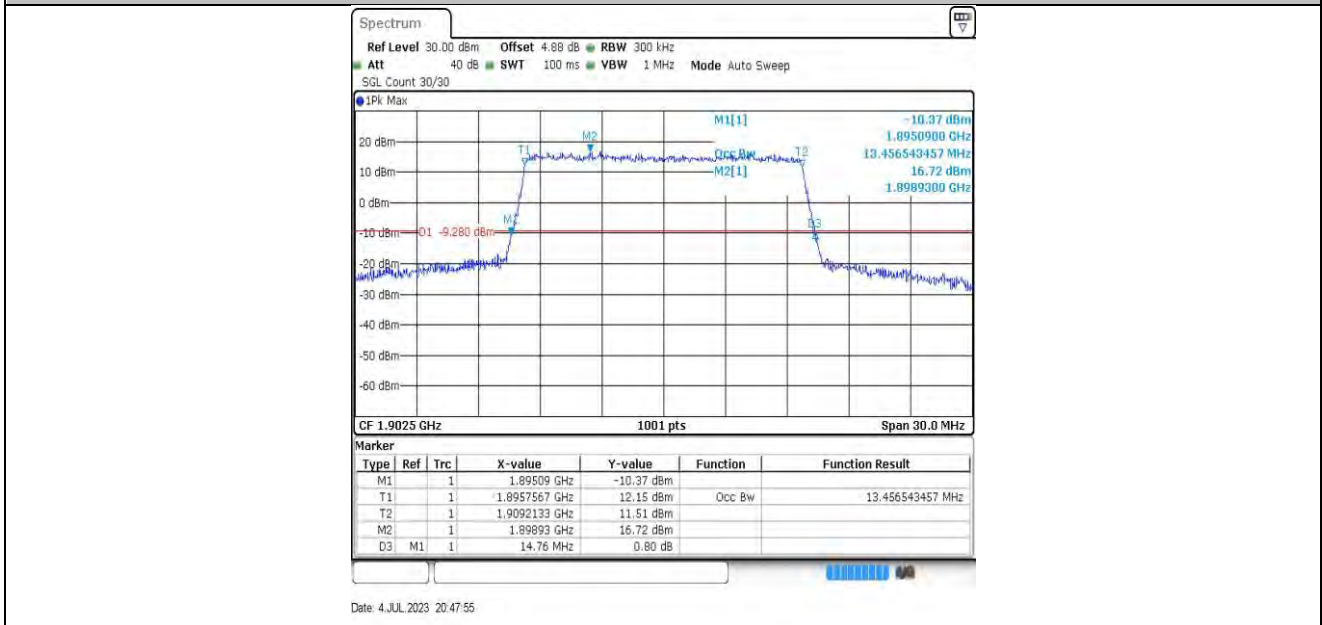
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15MHz-18900 16QAM



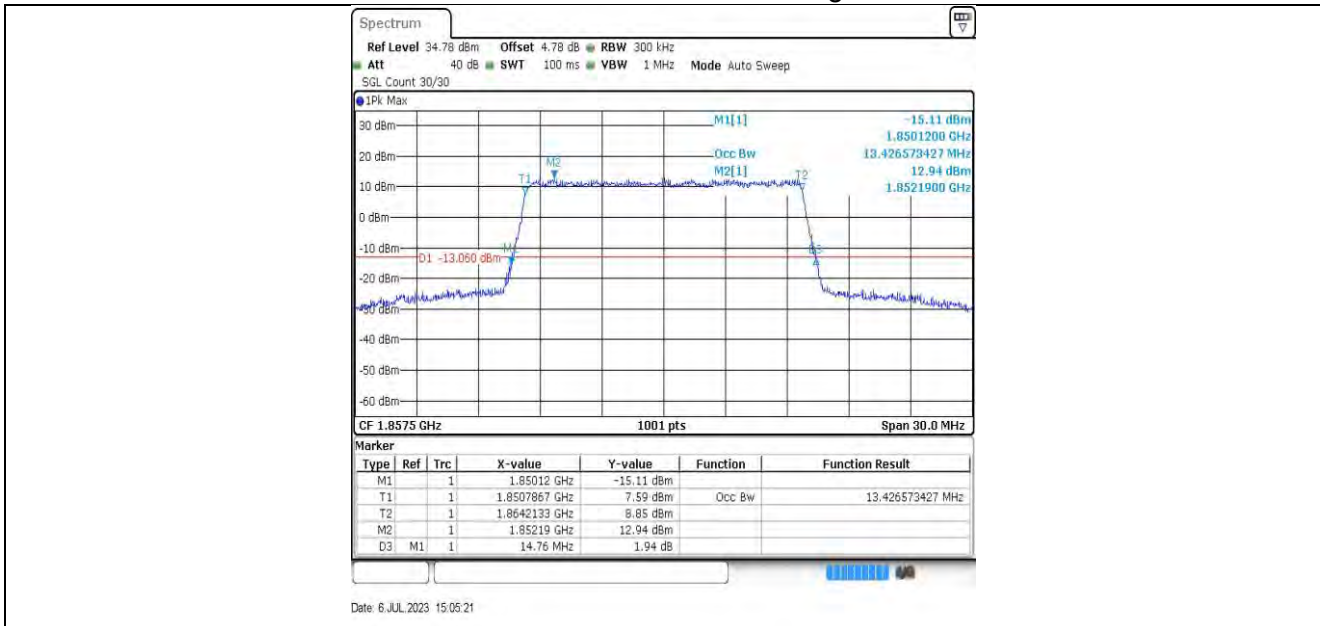
15MHz-19125 16QAM



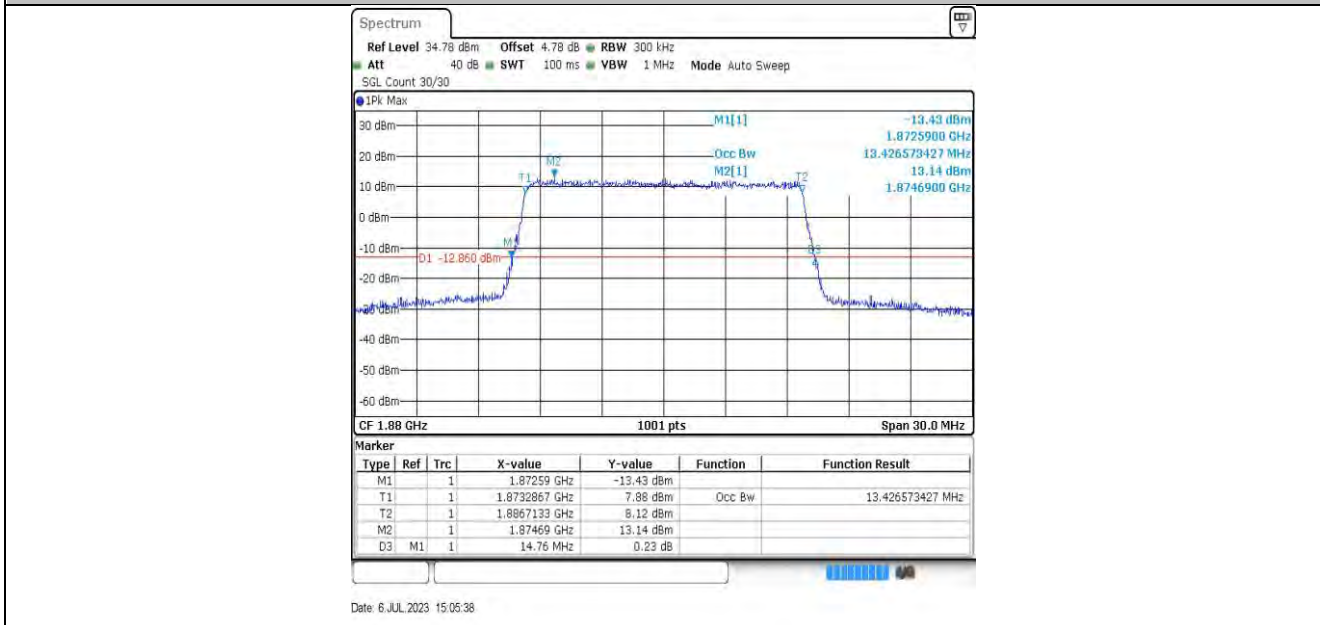
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15MHz-18675 64QAM



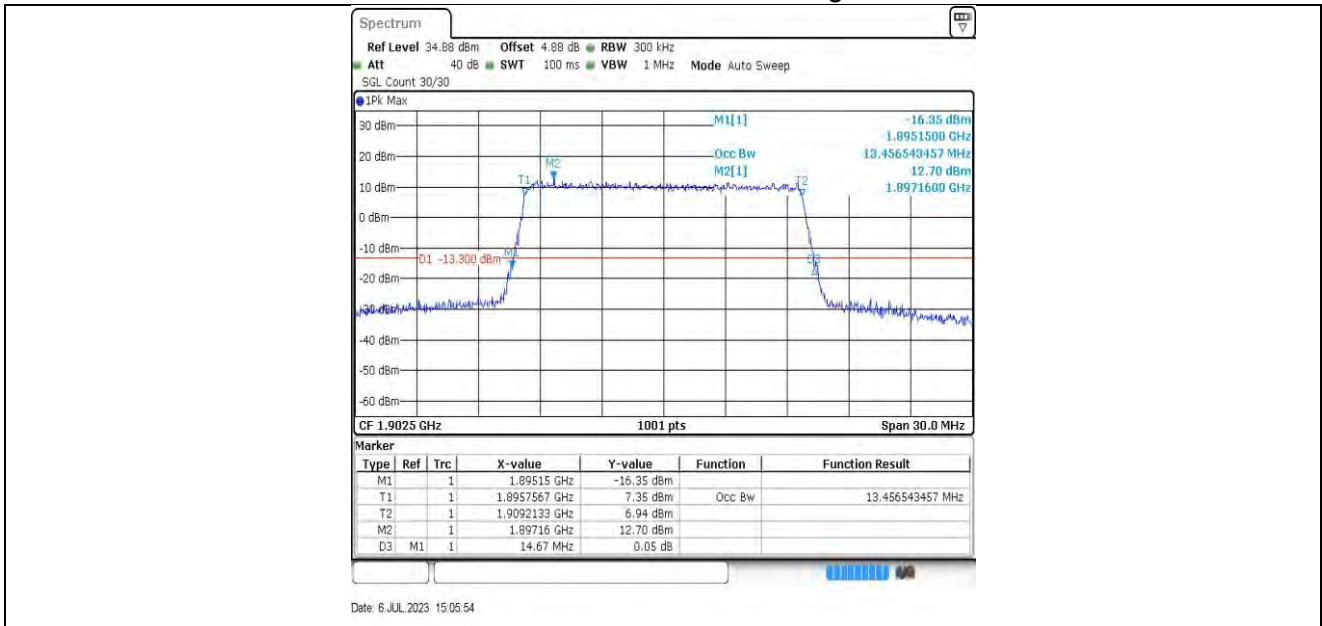
15MHz-18900 64QAM



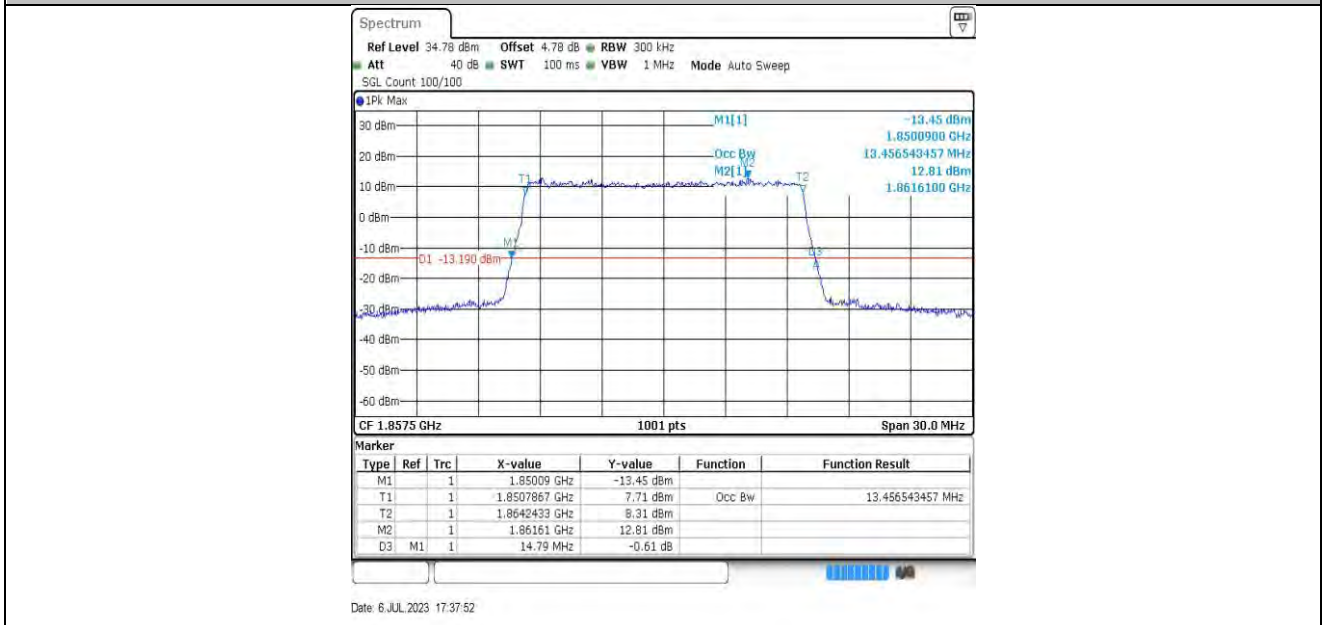
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15MHz-19125 64QAM



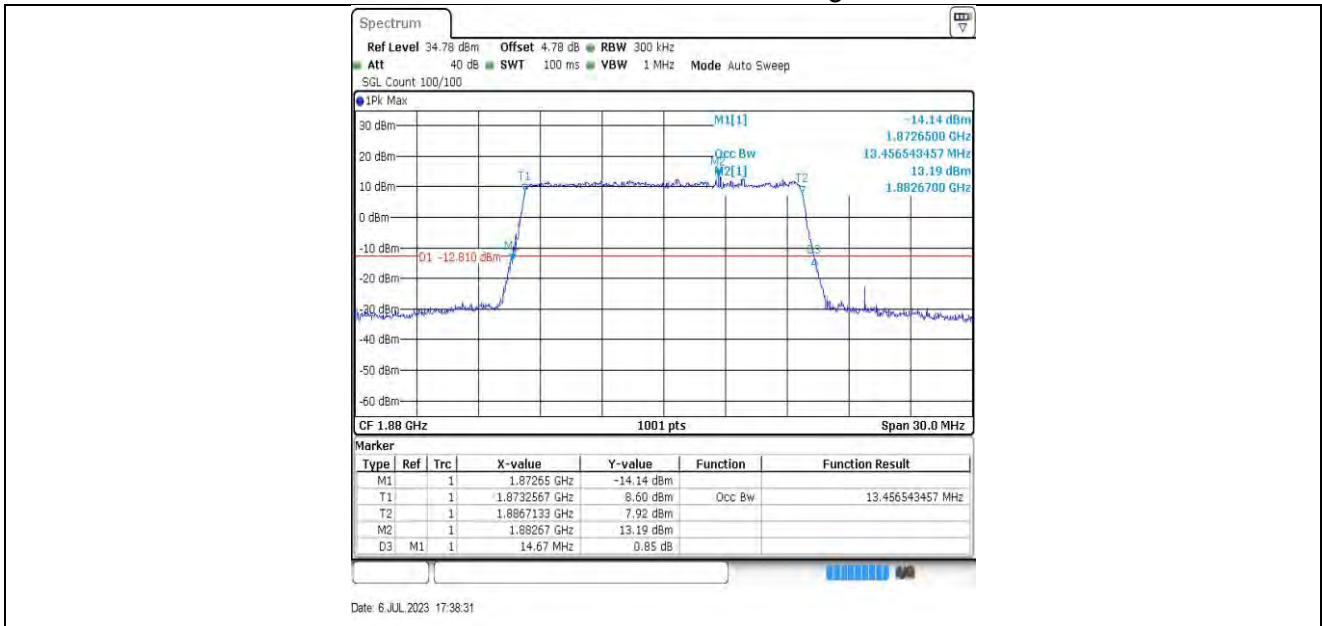
15MHz-18675 256QAM



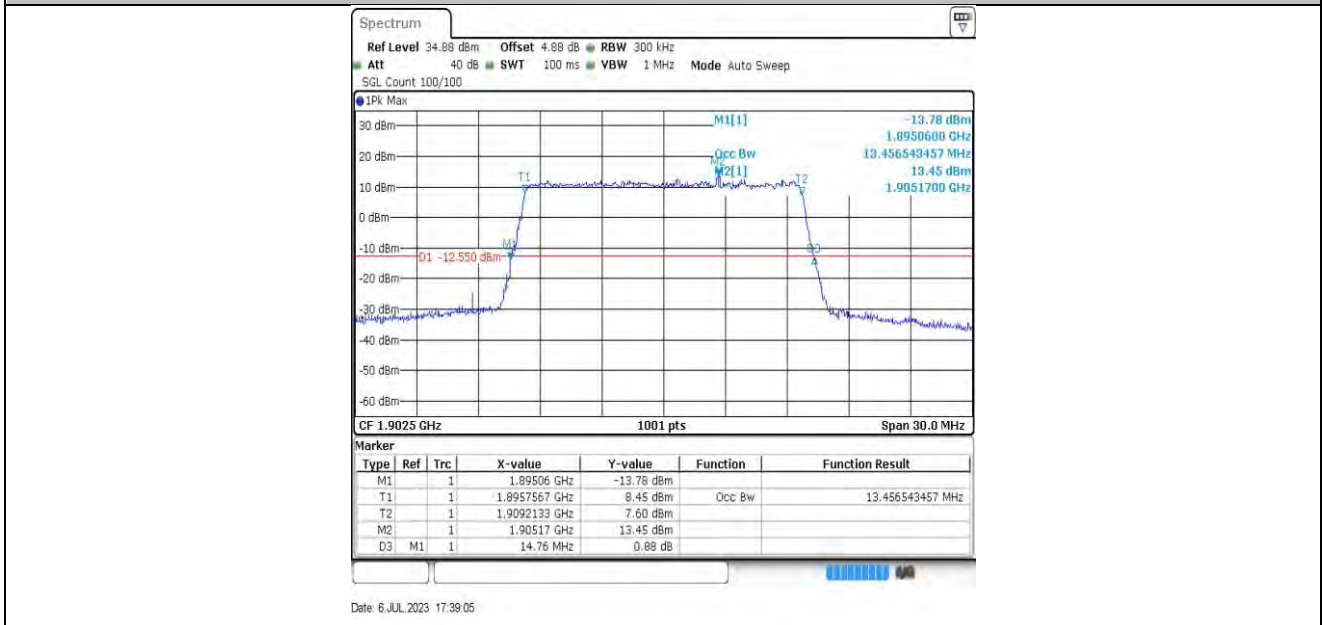
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15MHz-18900 256QAM



15MHz-19125 256QAM

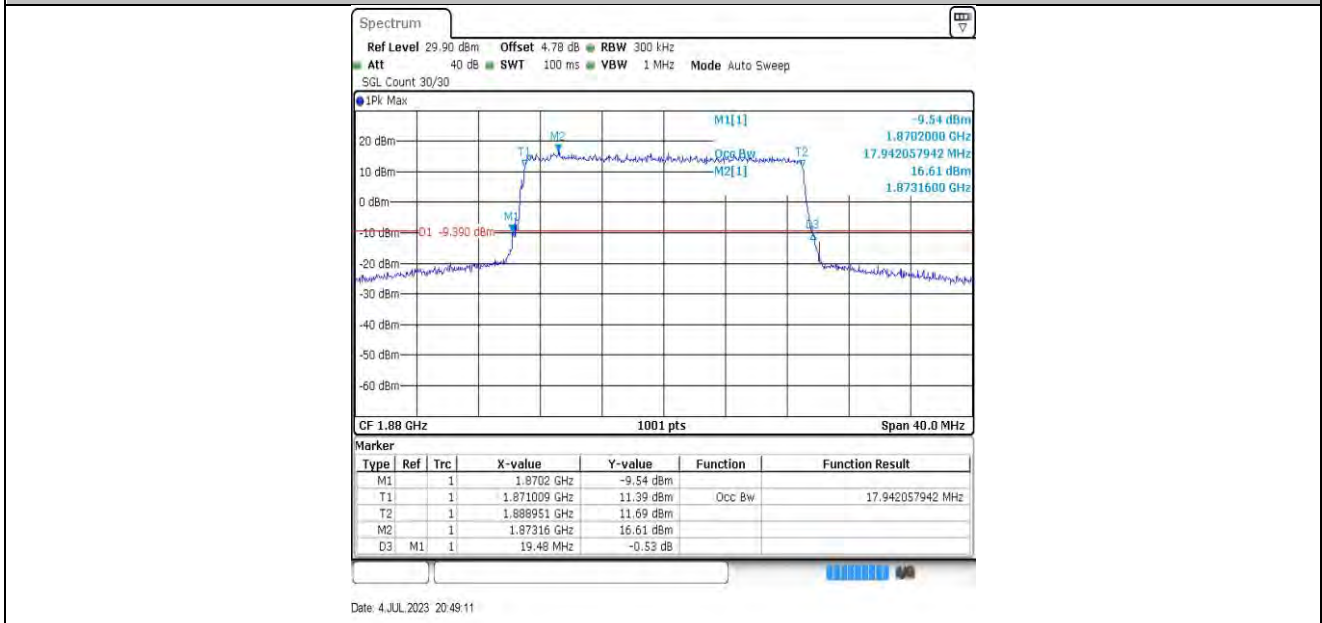


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20MHz-18700 QPSK

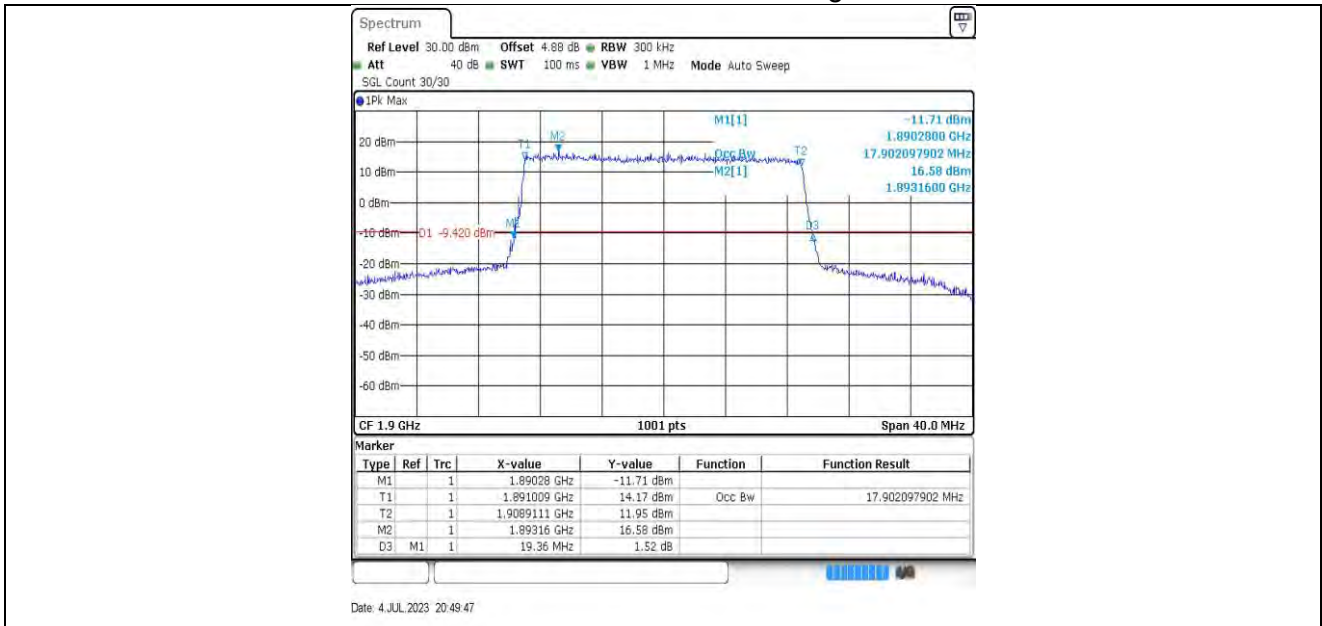


20MHz-18900 QPSK

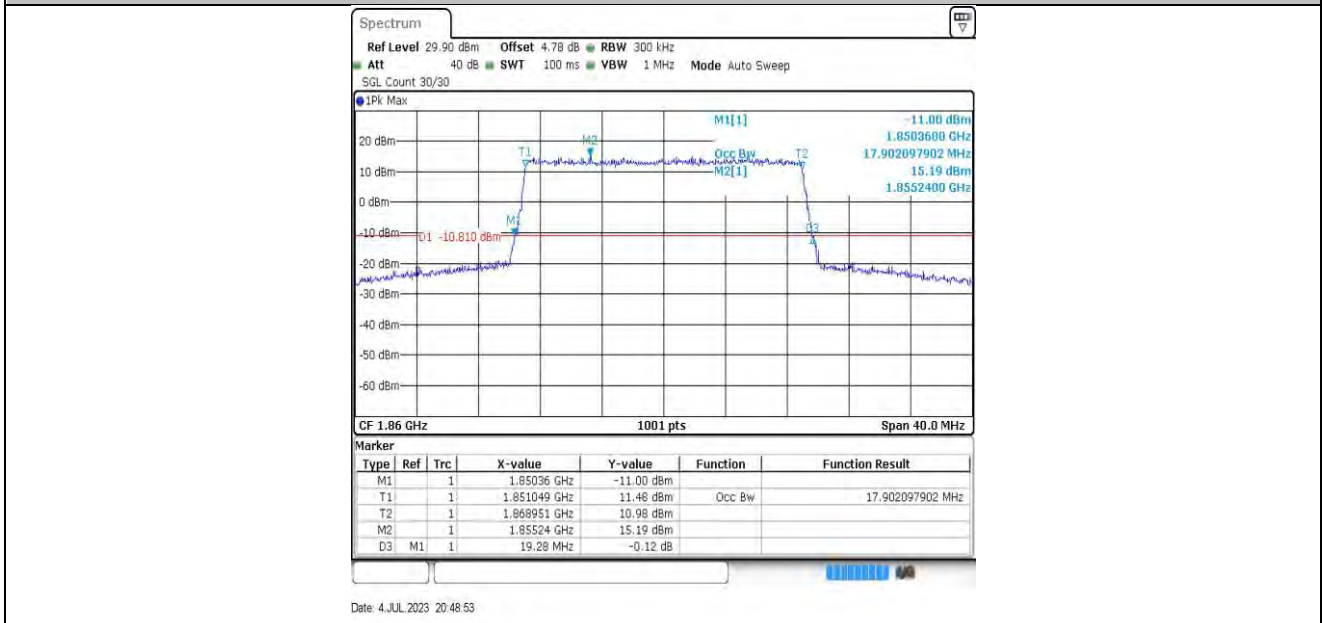


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20MHz-19100 QPSK

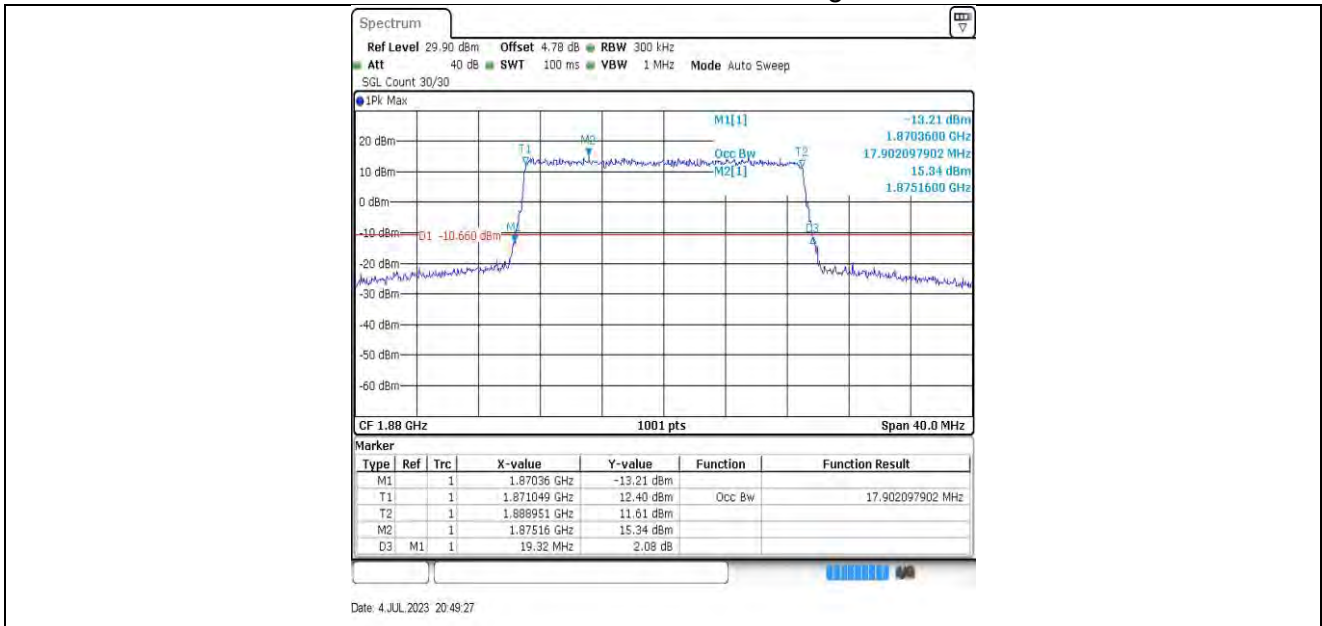


20MHz-18700 16QAM

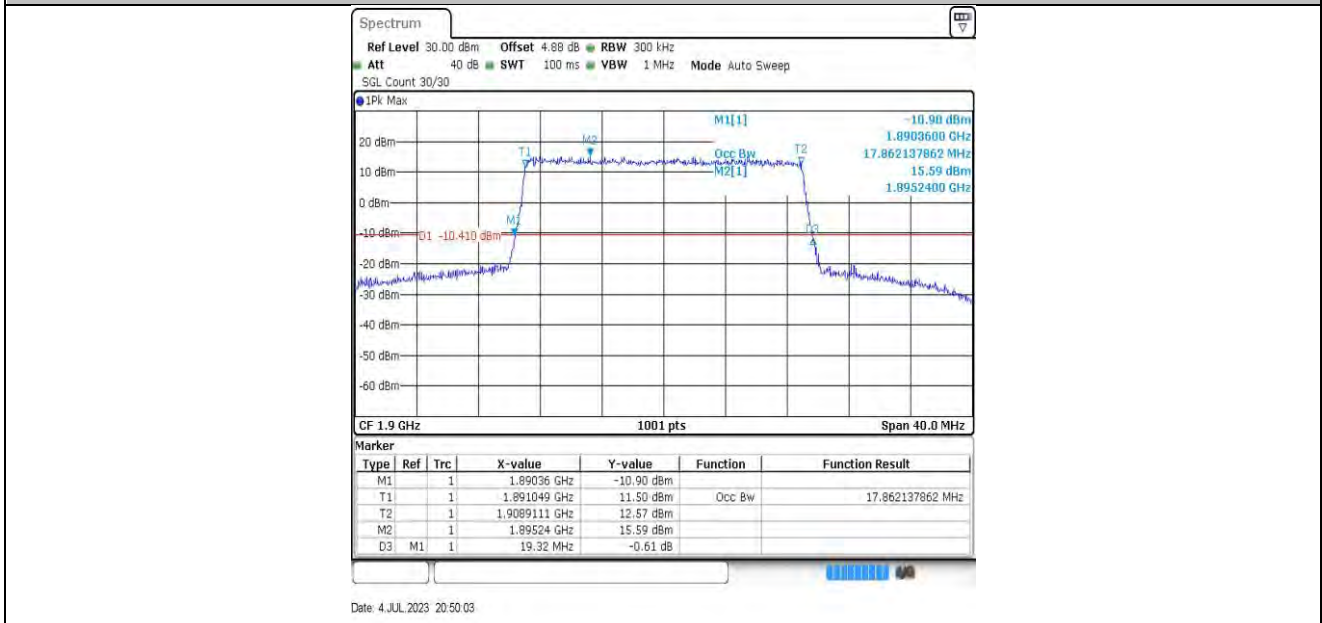


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20MHz-18900 16QAM



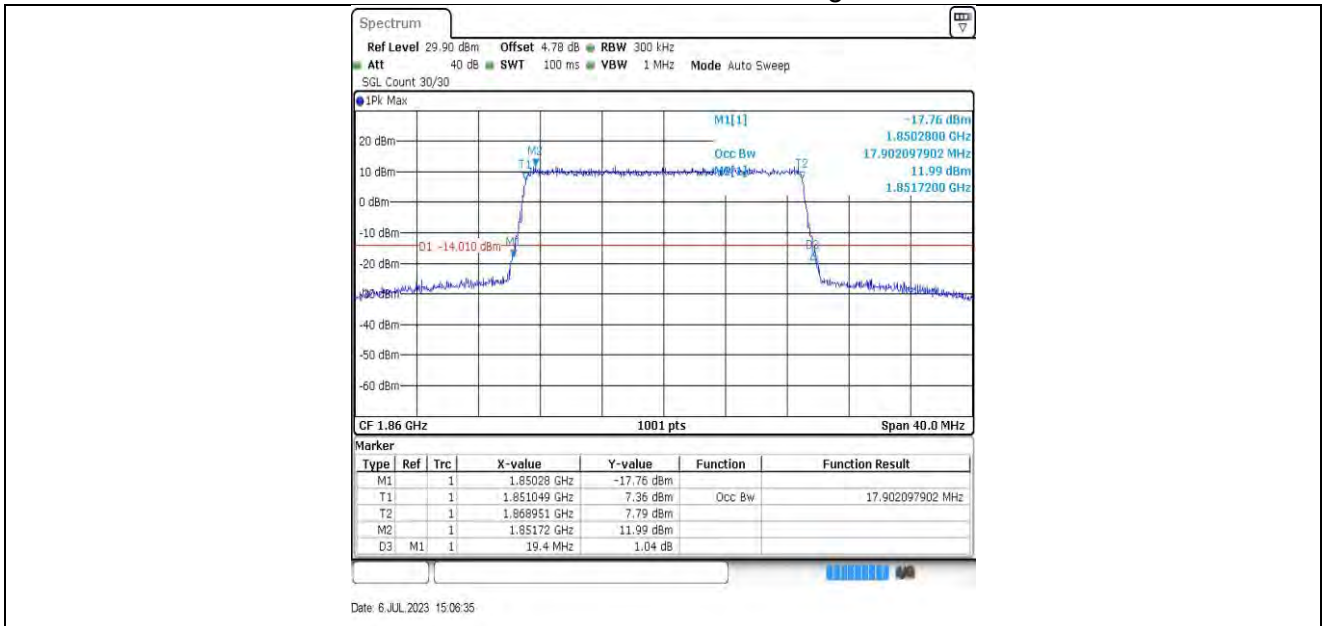
20MHz-19100 16QAM



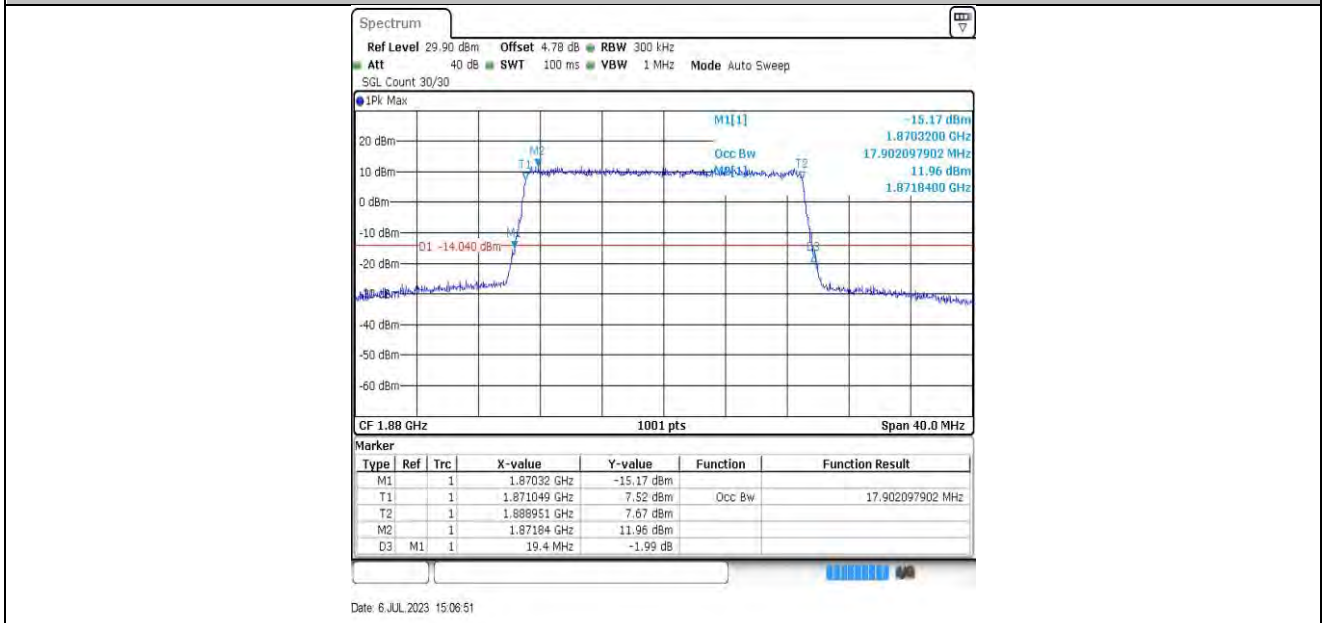
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20MHz-18700 64QAM



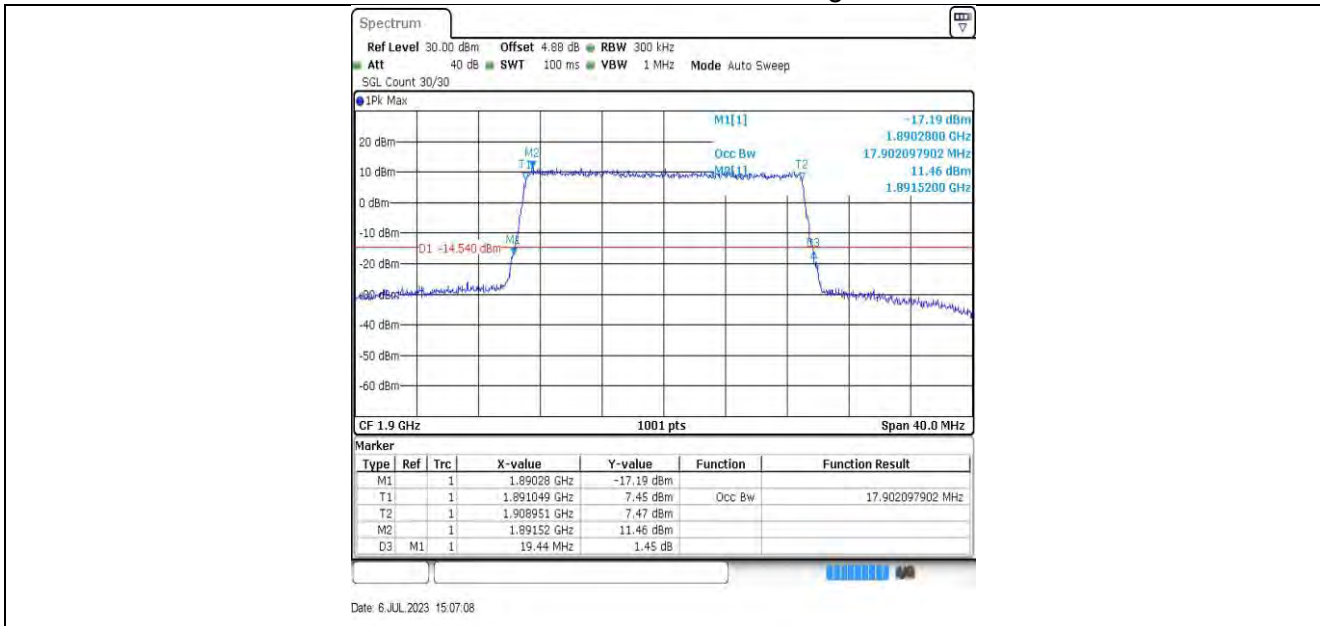
20MHz-18900 64QAM



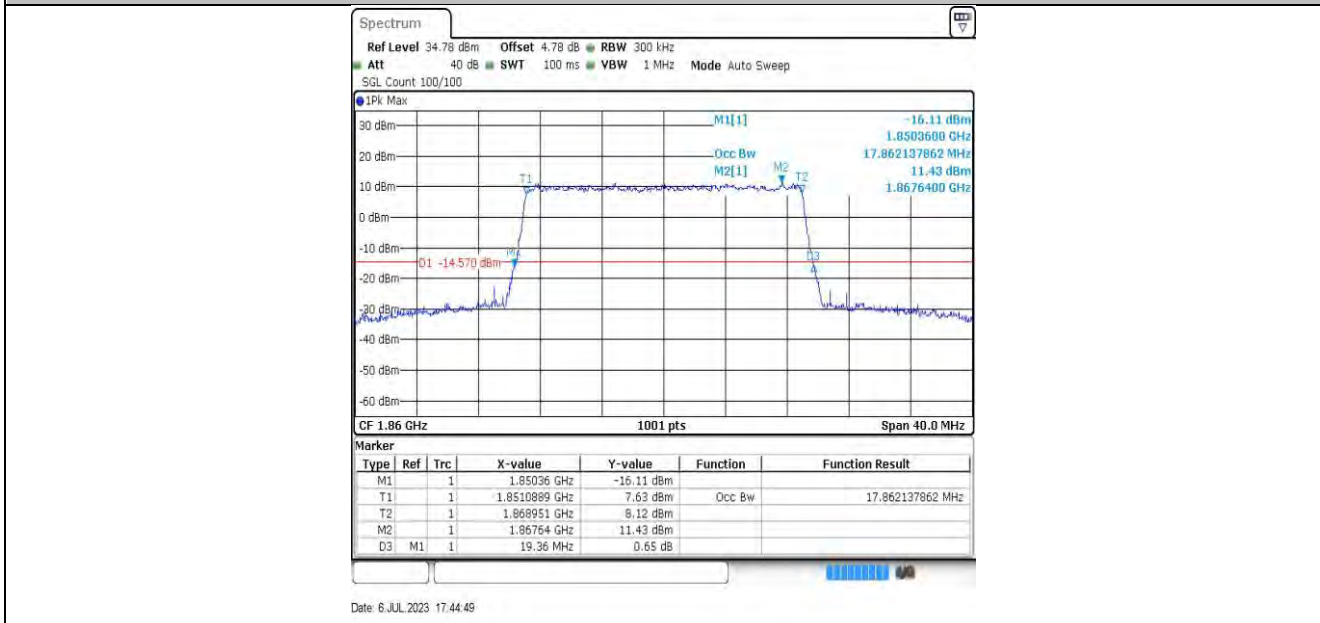
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20MHz-19100 64QAM

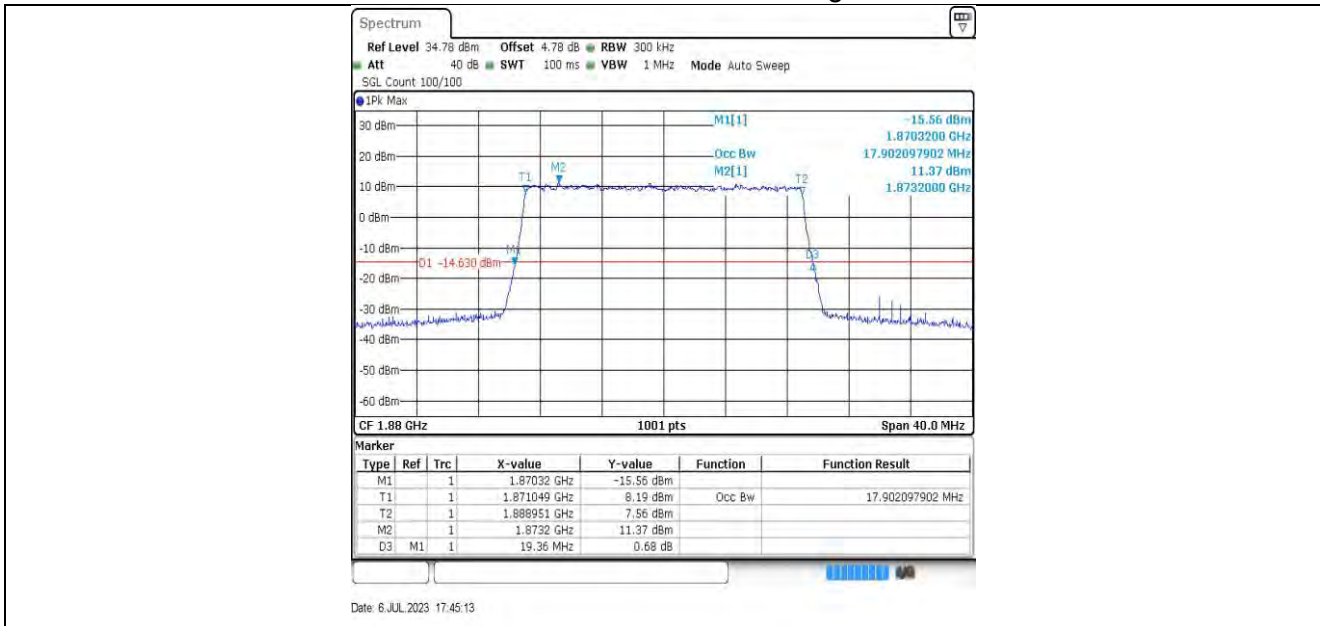


20MHz-18700 256QAM

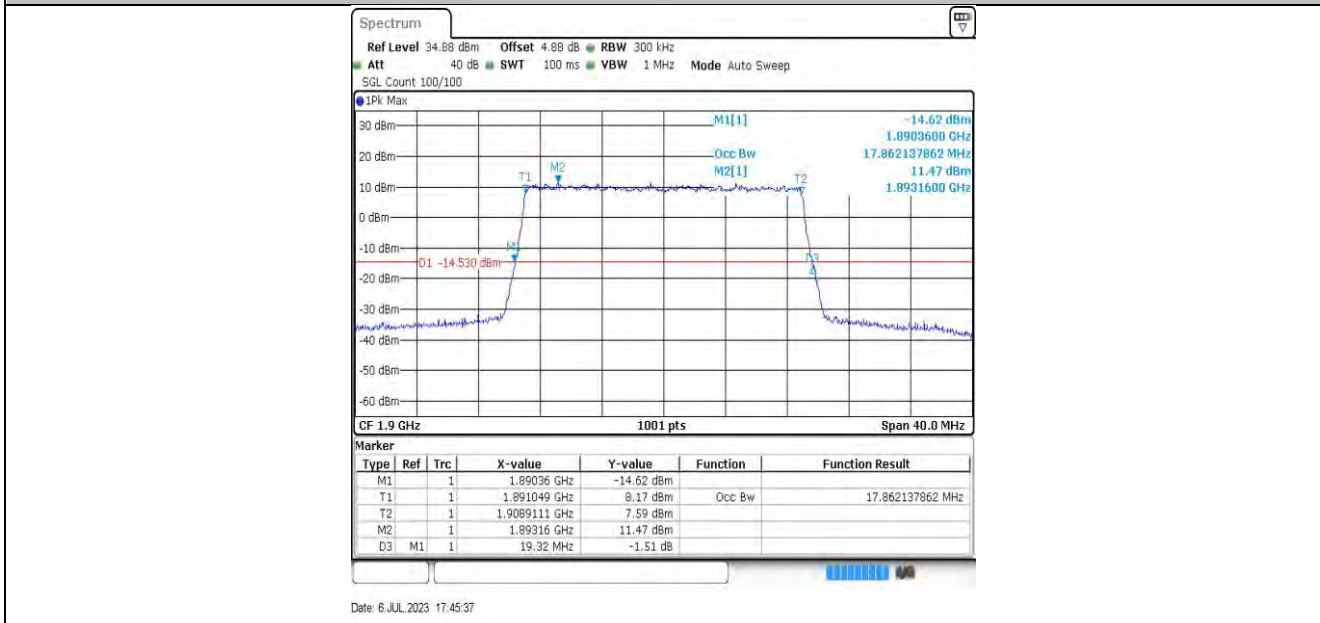


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20MHz-18900 256QAM



20MHz-19100 256QAM



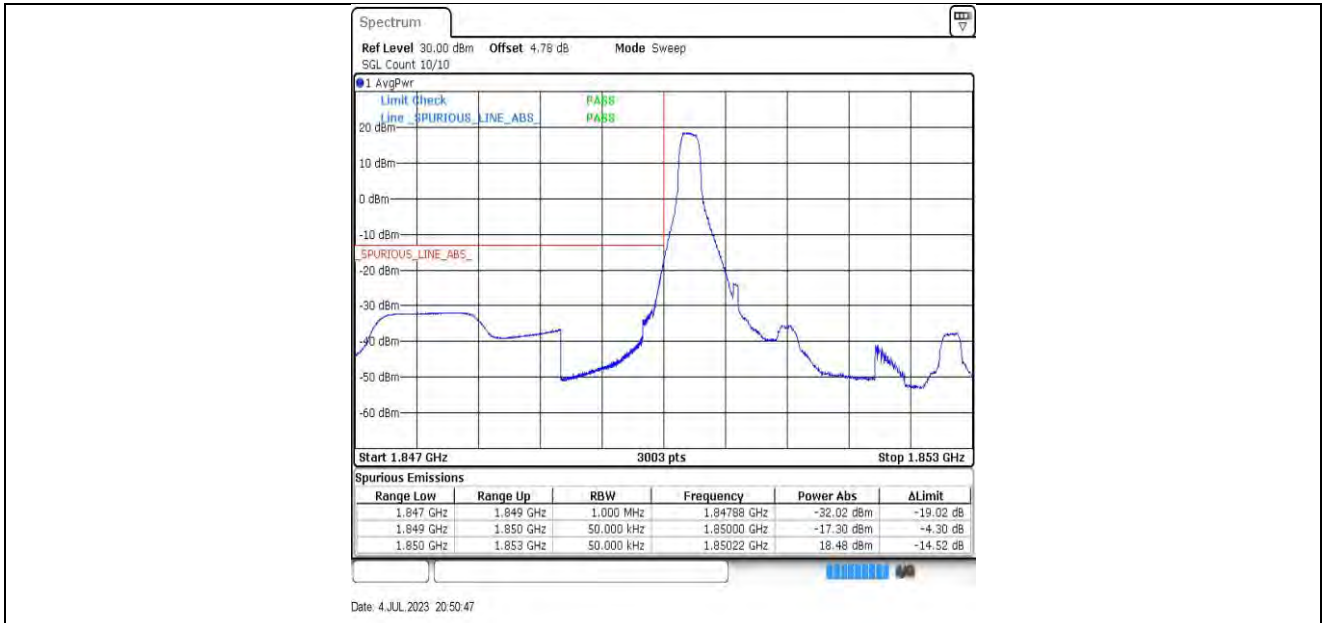
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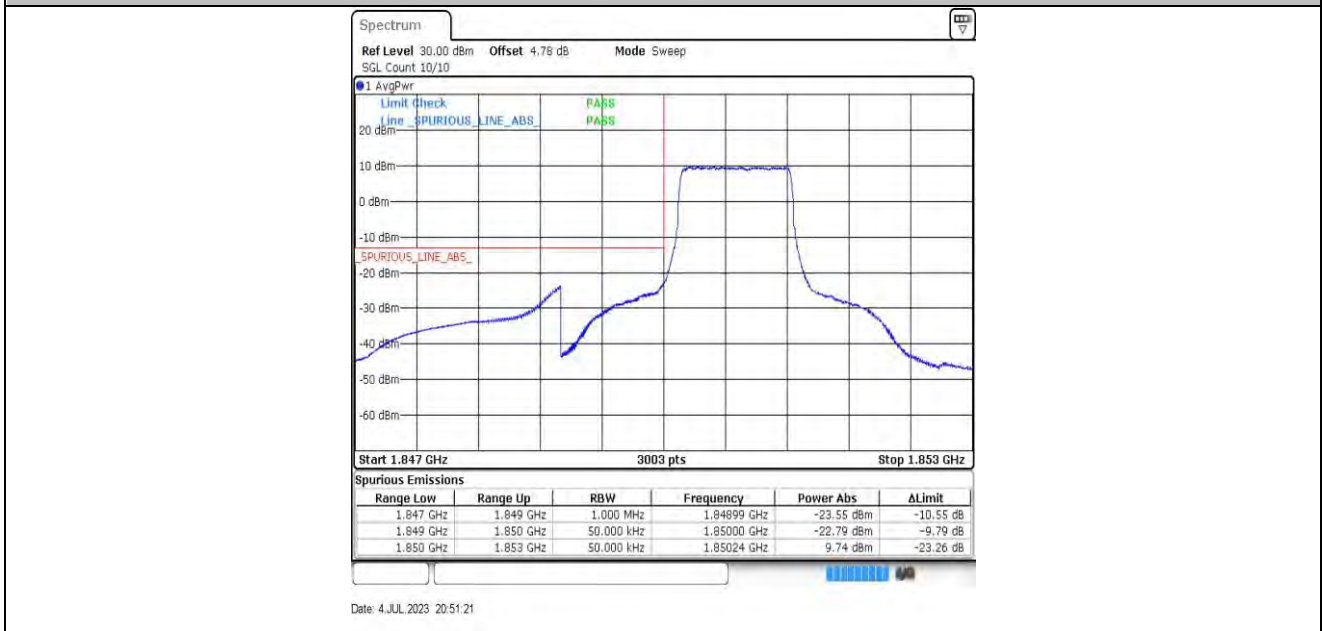
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Band Edge

Test Graphs



1.4MHz-18607



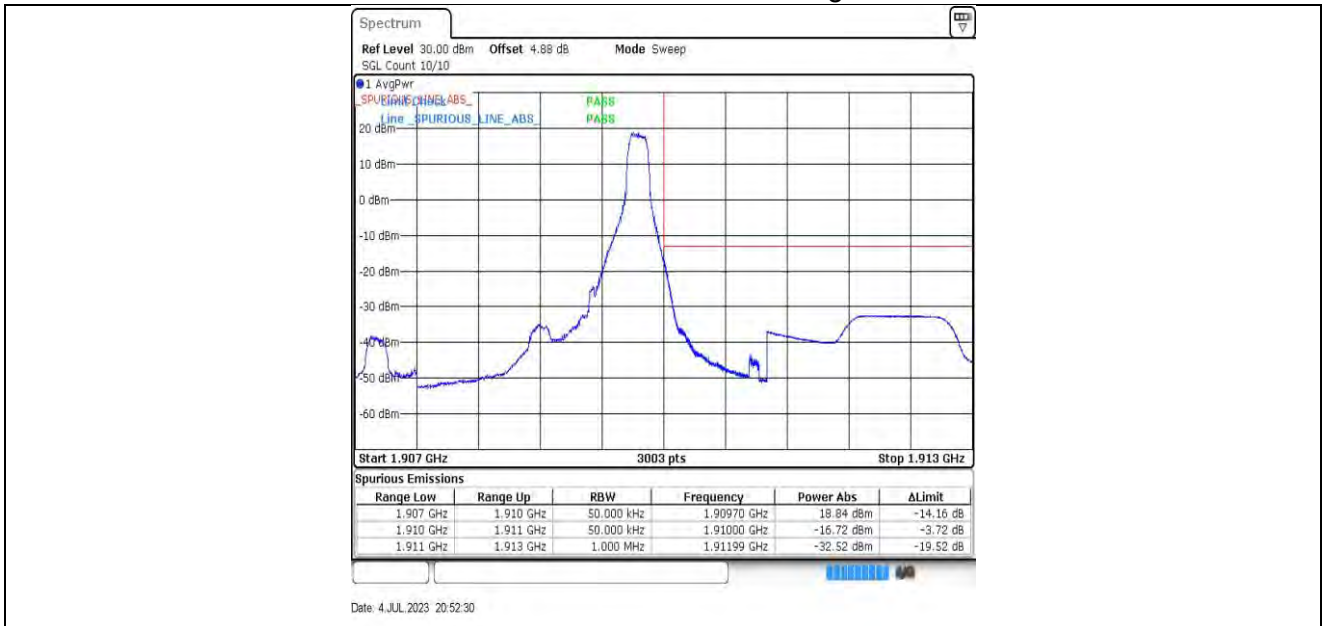
1.4MHz-18607



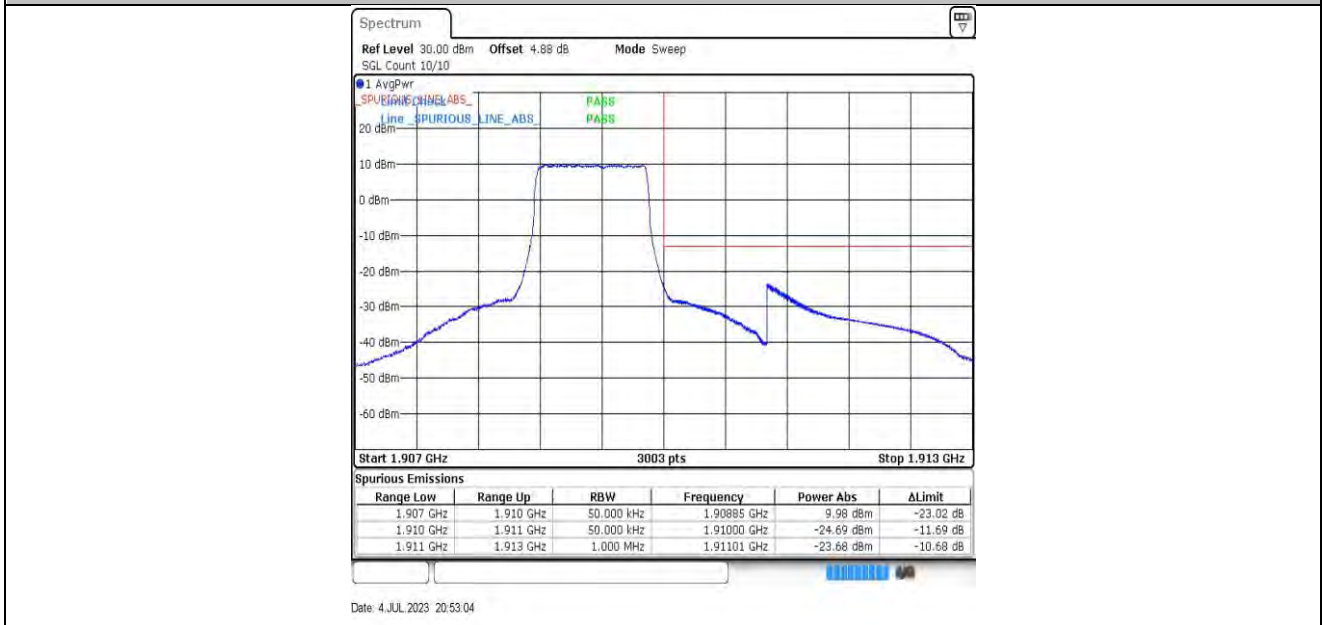
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1.4MHz-19193



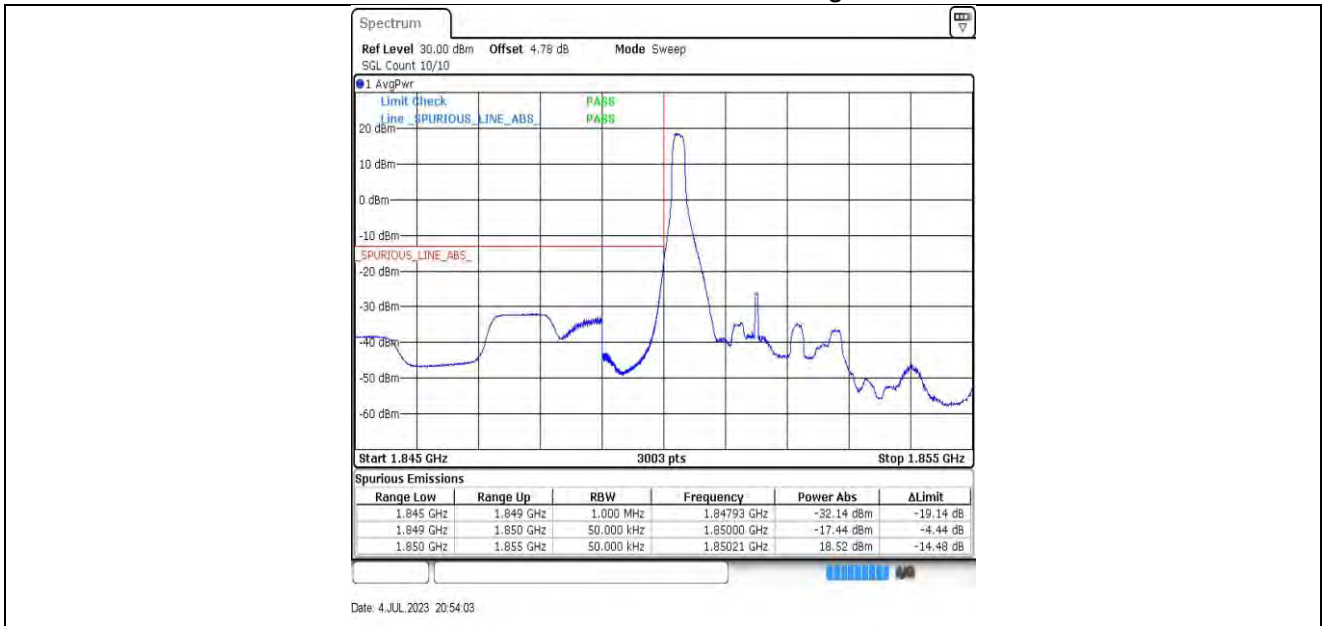
1.4MHz-19193



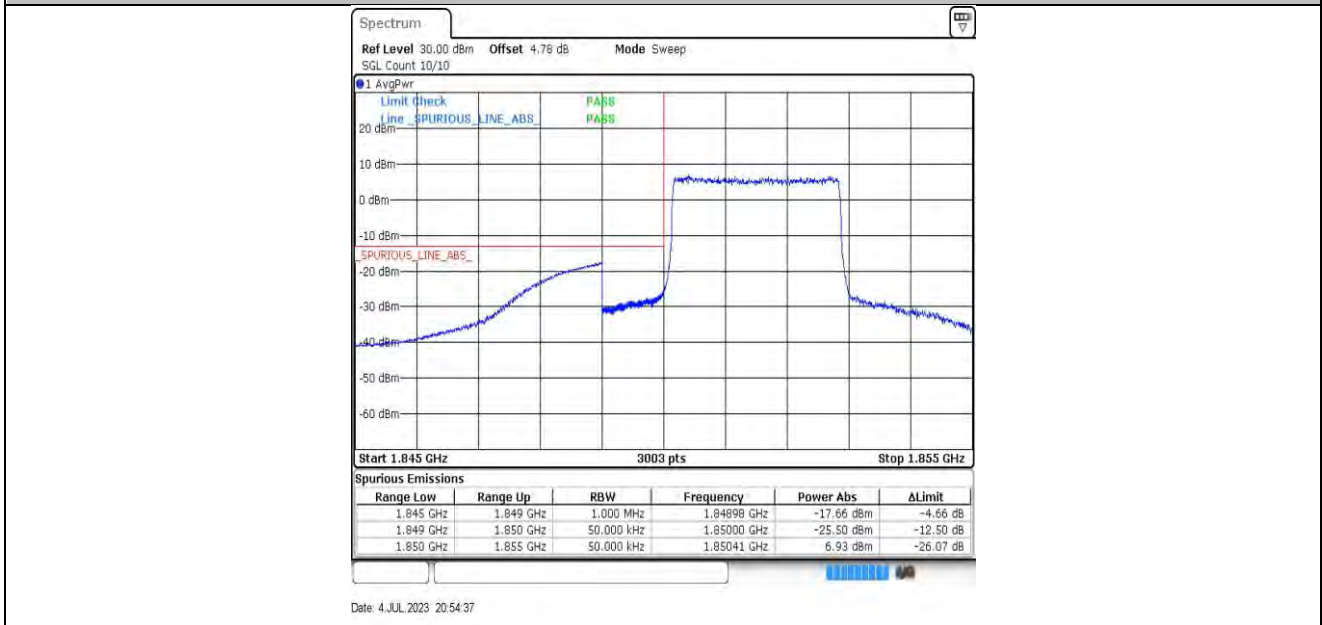
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3MHz-18615



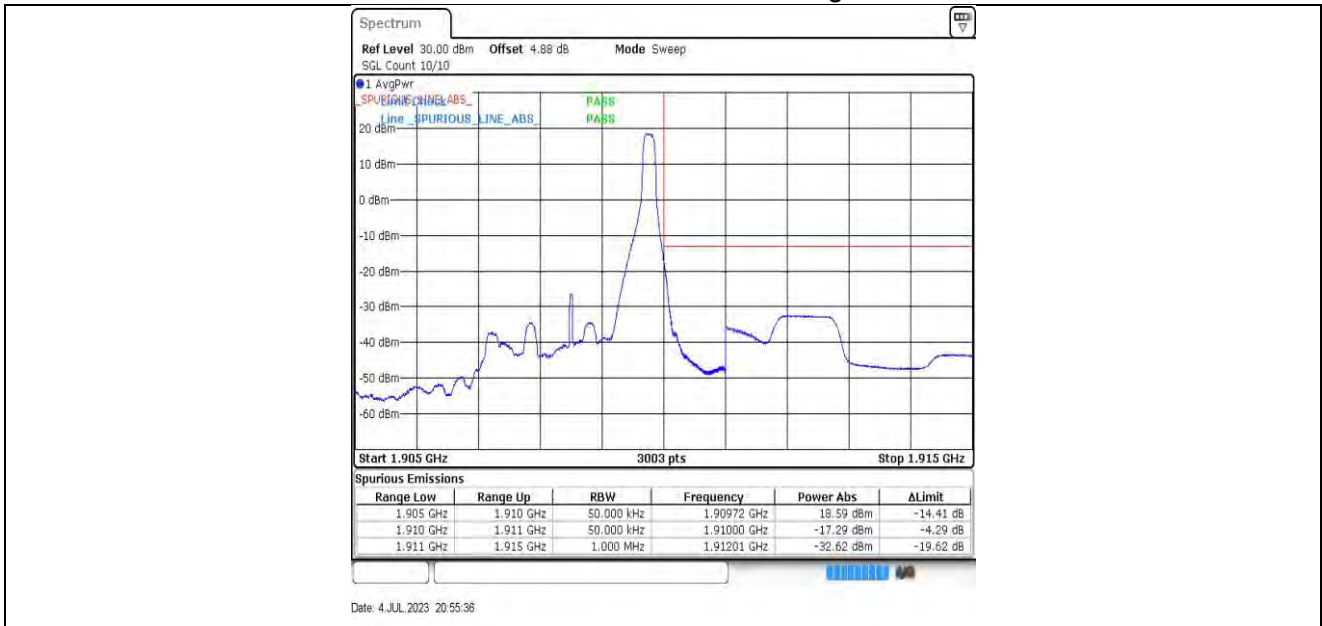
3MHz-18615



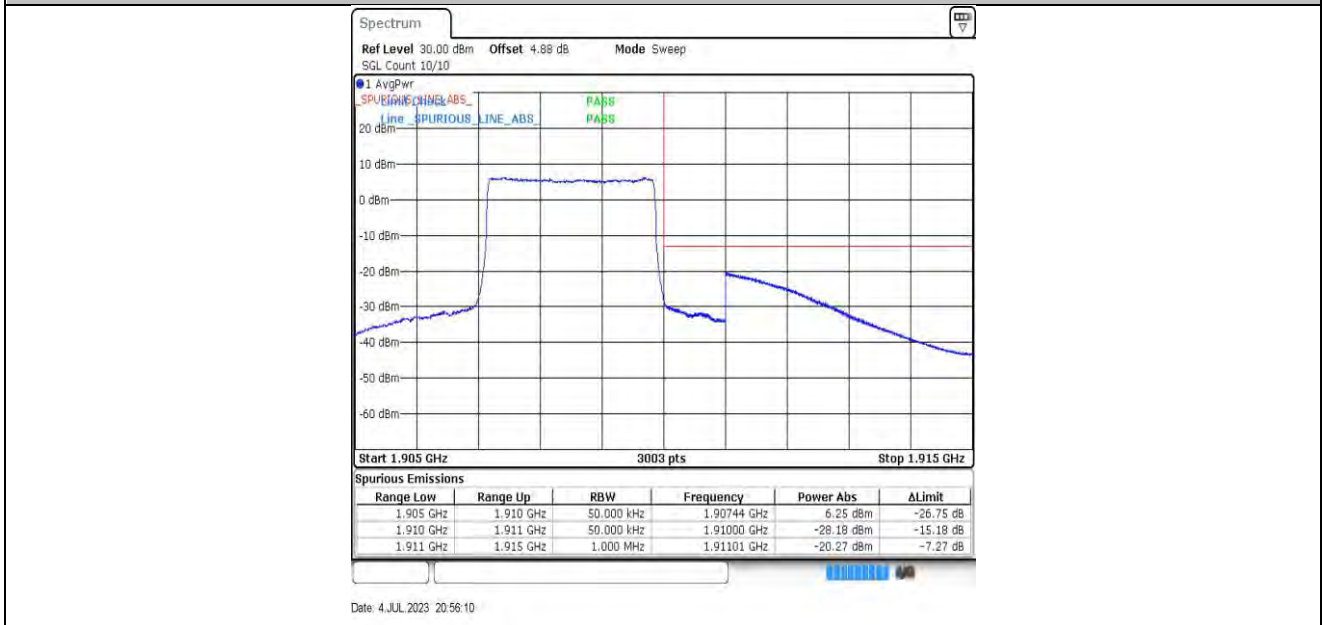
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3MHz-19185



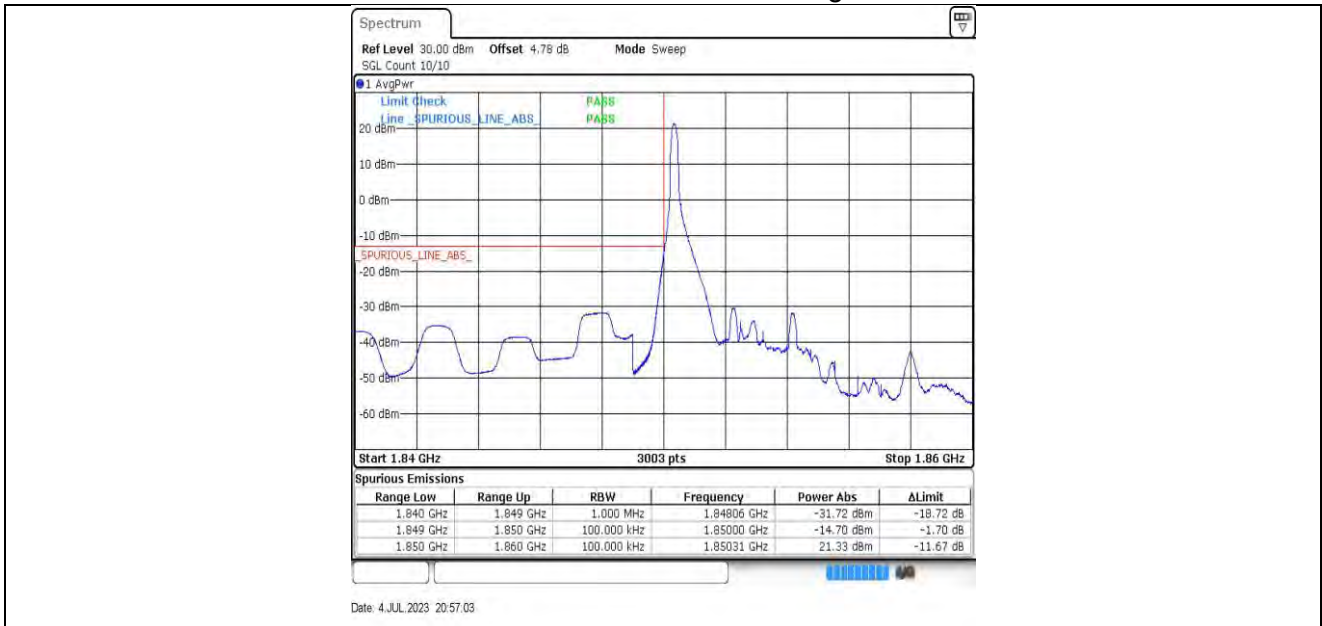
3MHz-19185



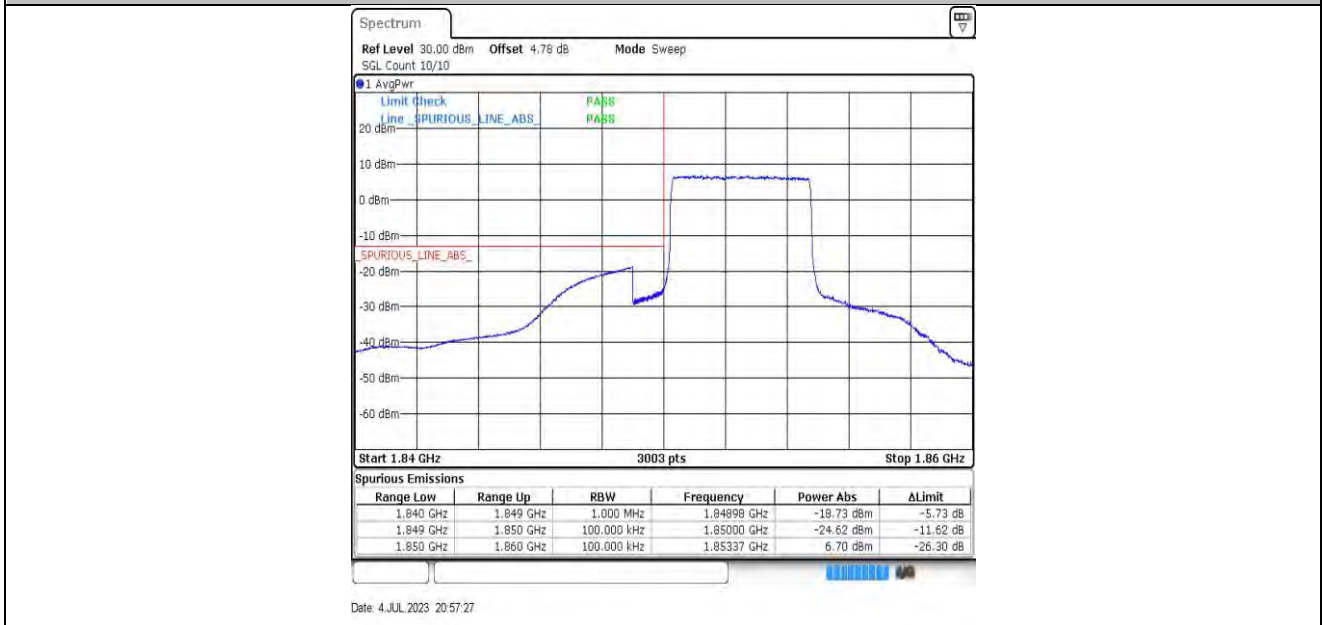
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5MHz-18625



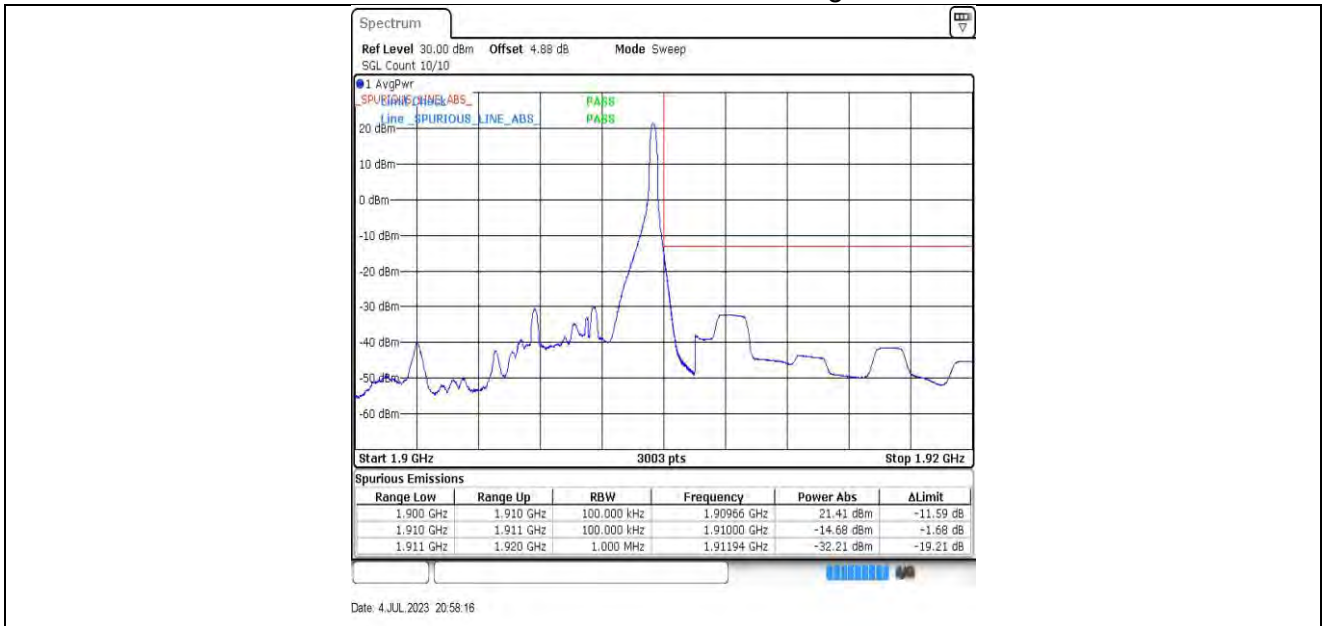
5MHz-18625



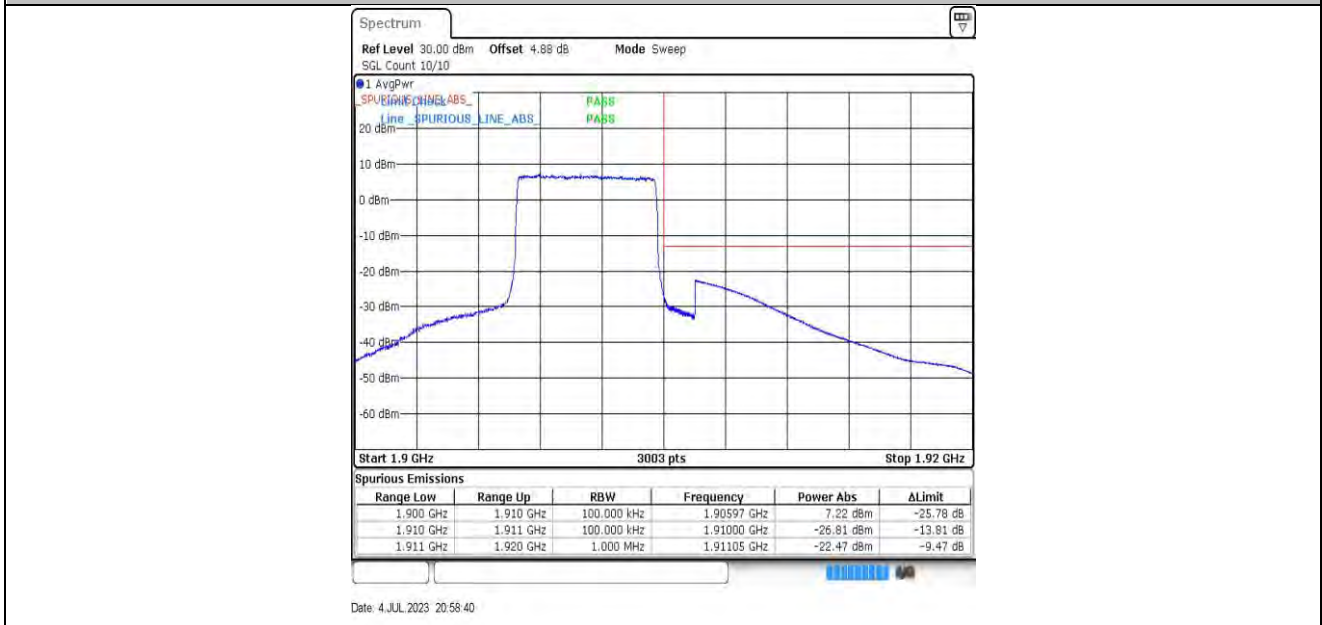
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5MHz-19175



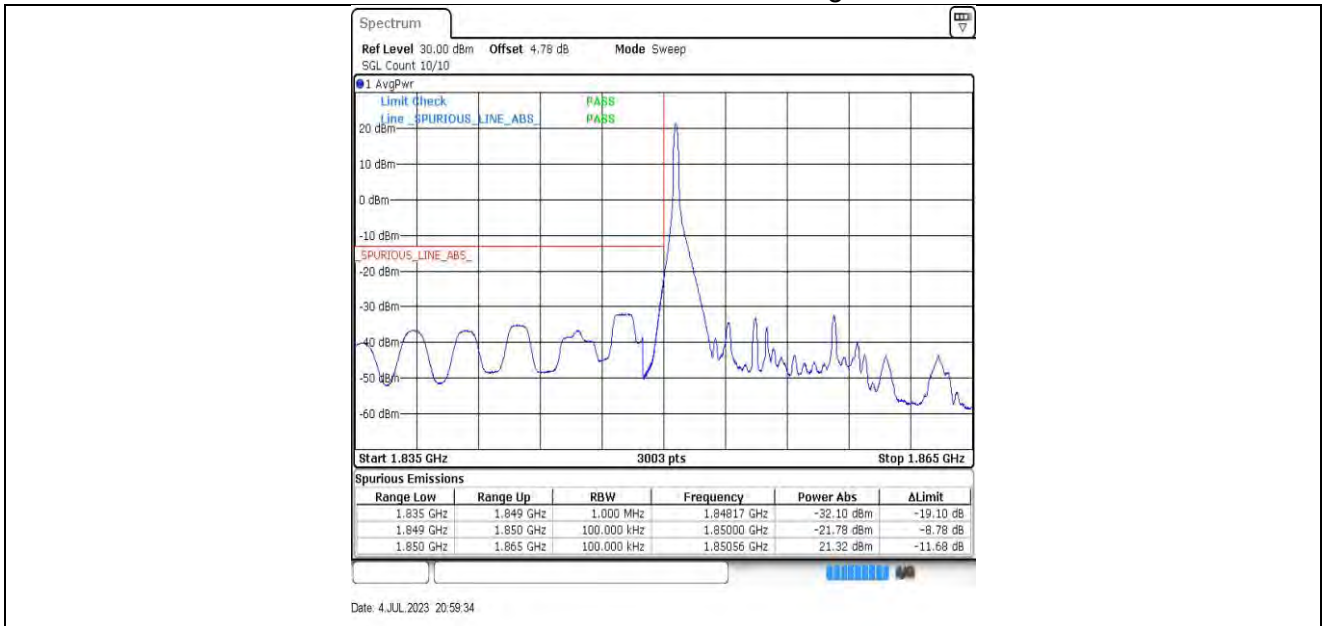
5MHz-19175



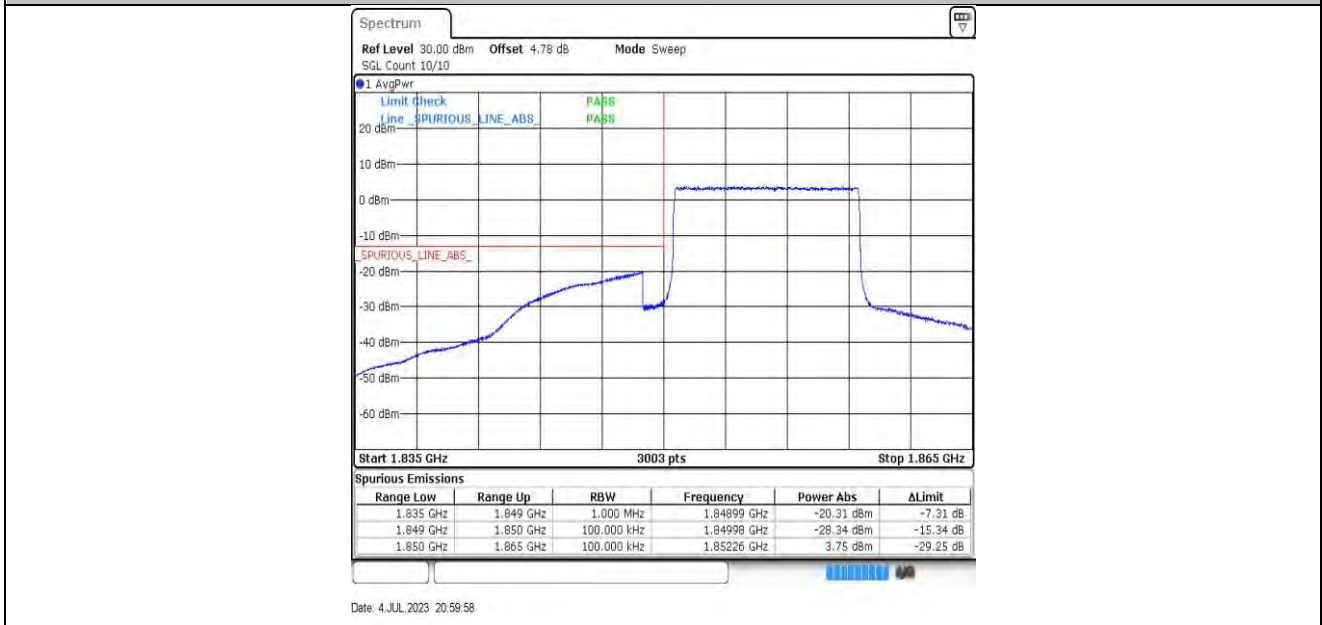
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10MHz-18650



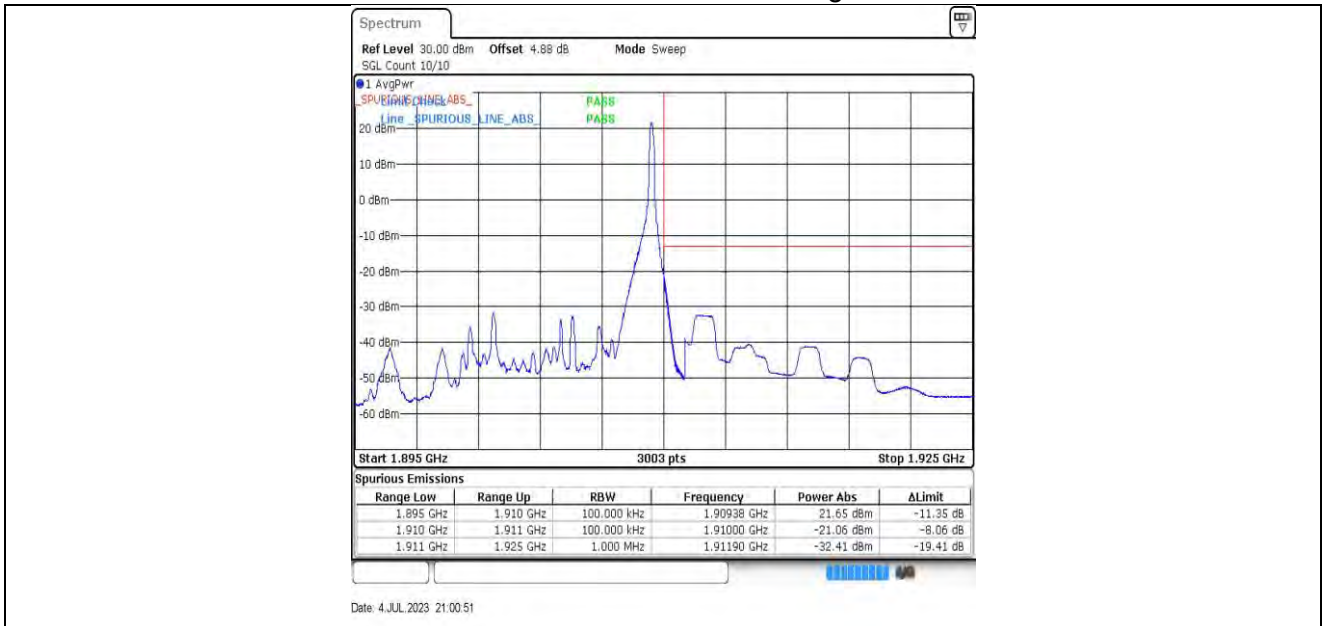
10MHz-18650



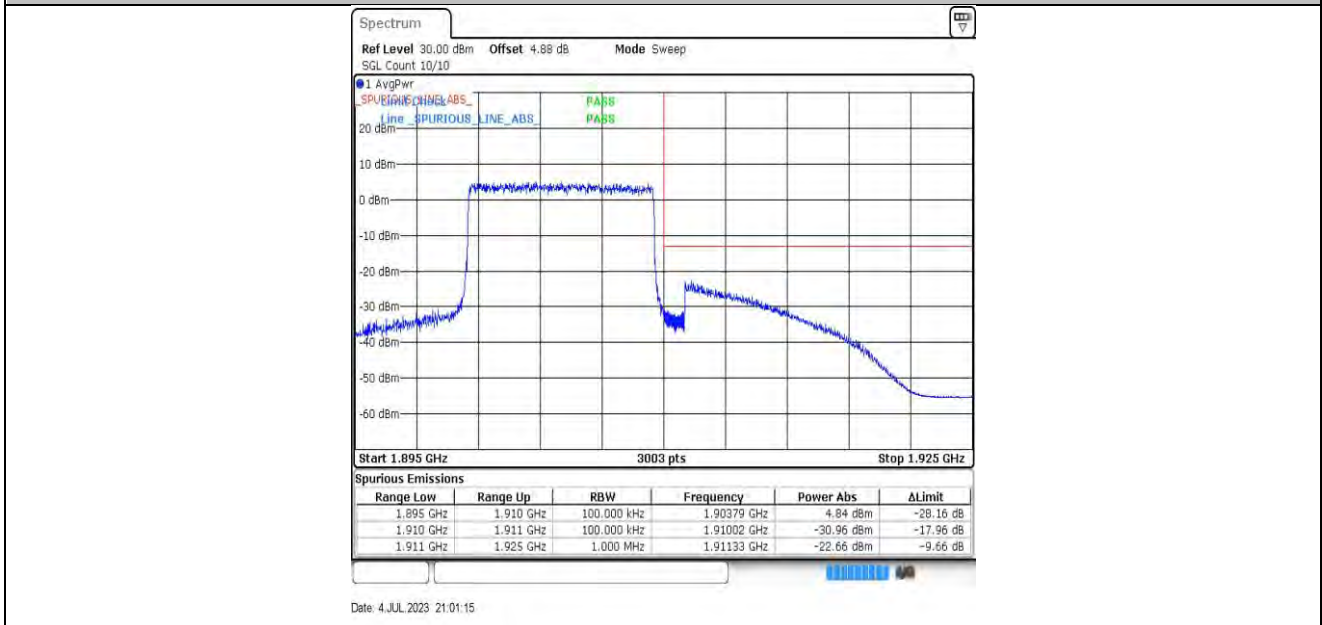
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10MHz-19150



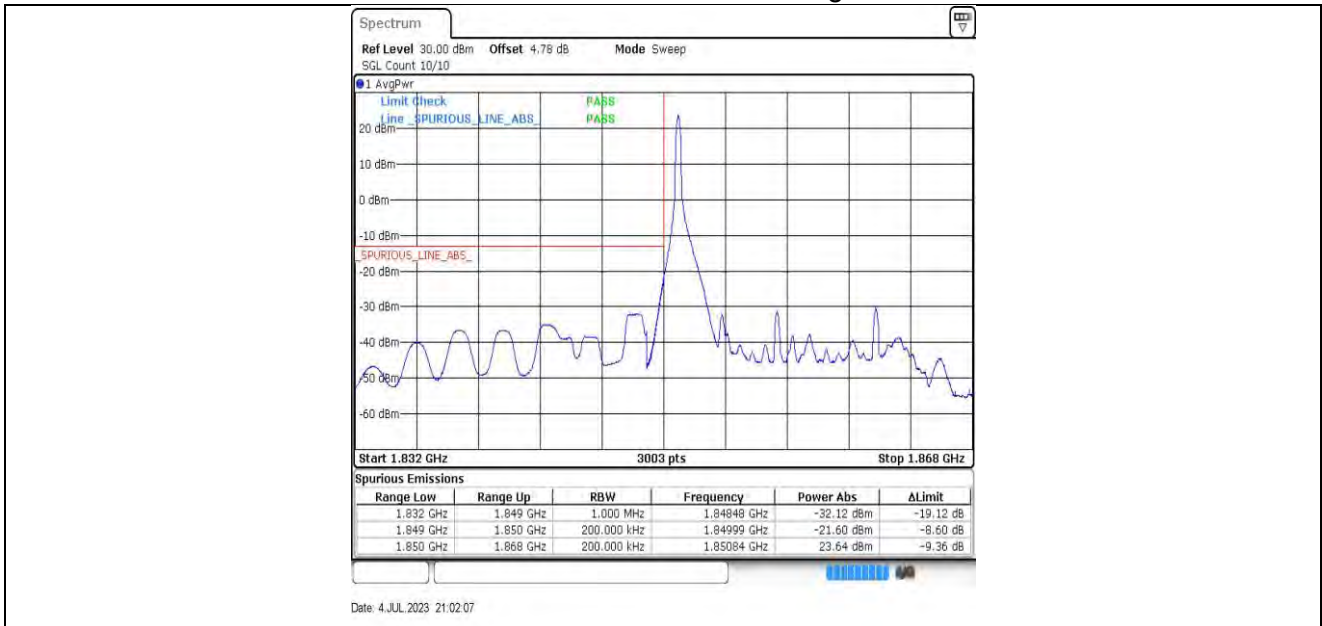
10MHz-19150



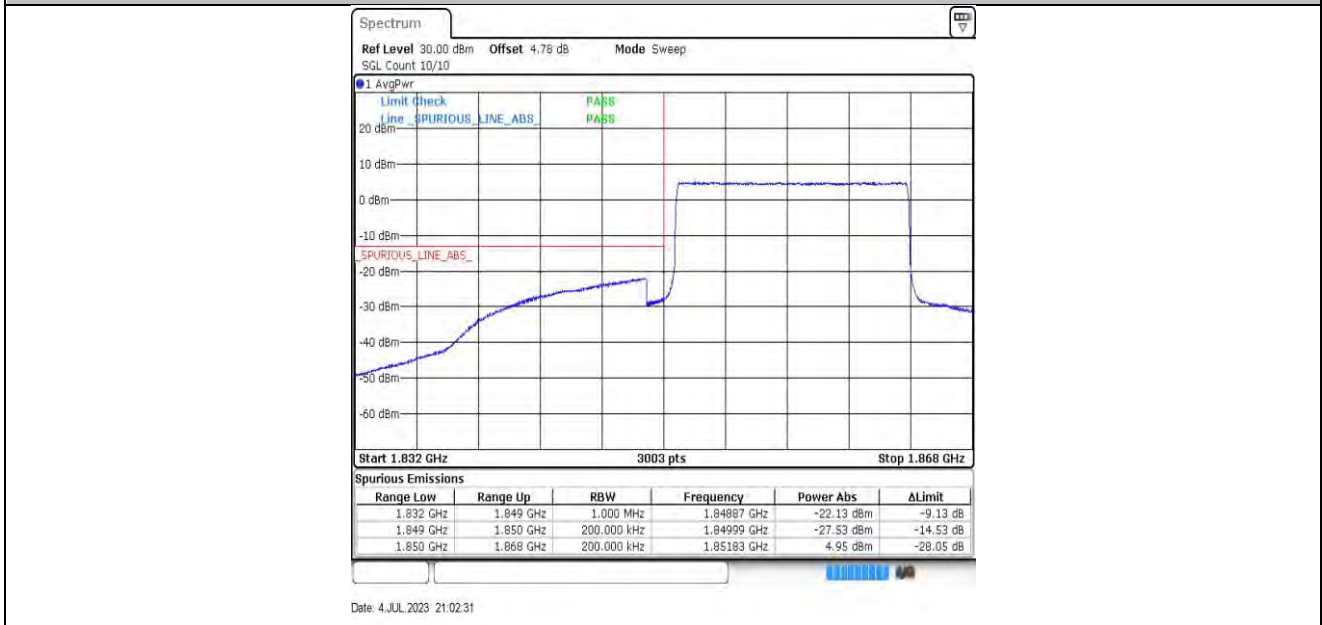
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15MHz-18675



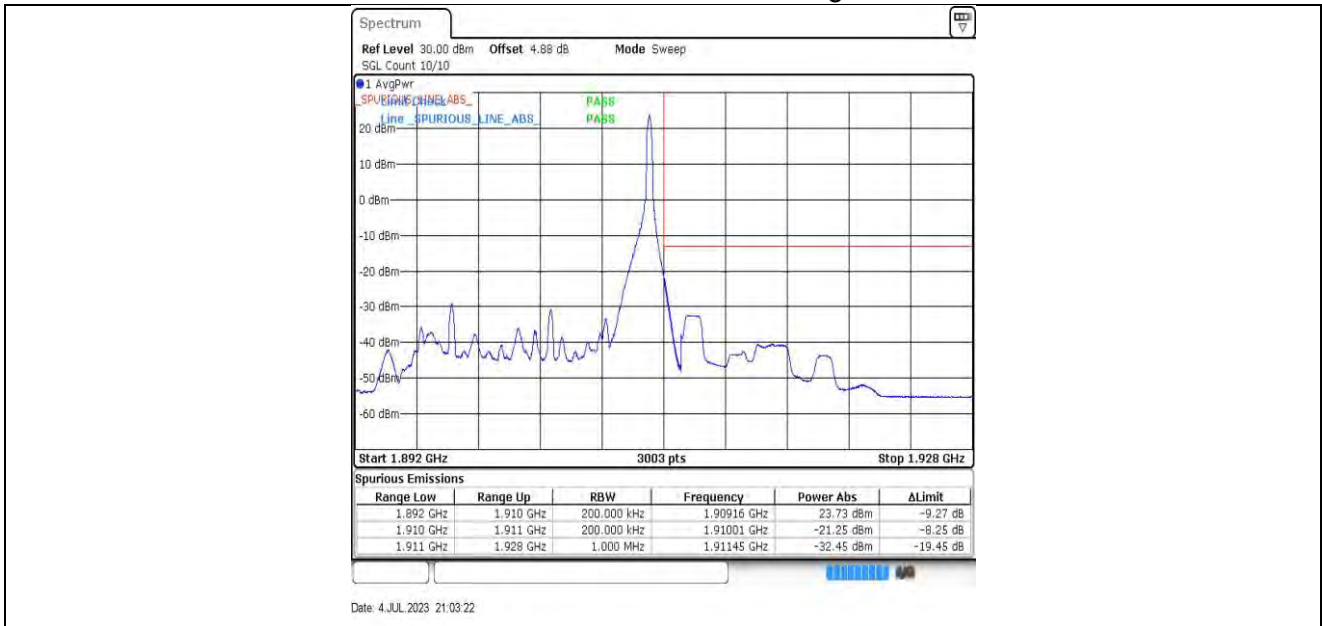
15MHz-18675



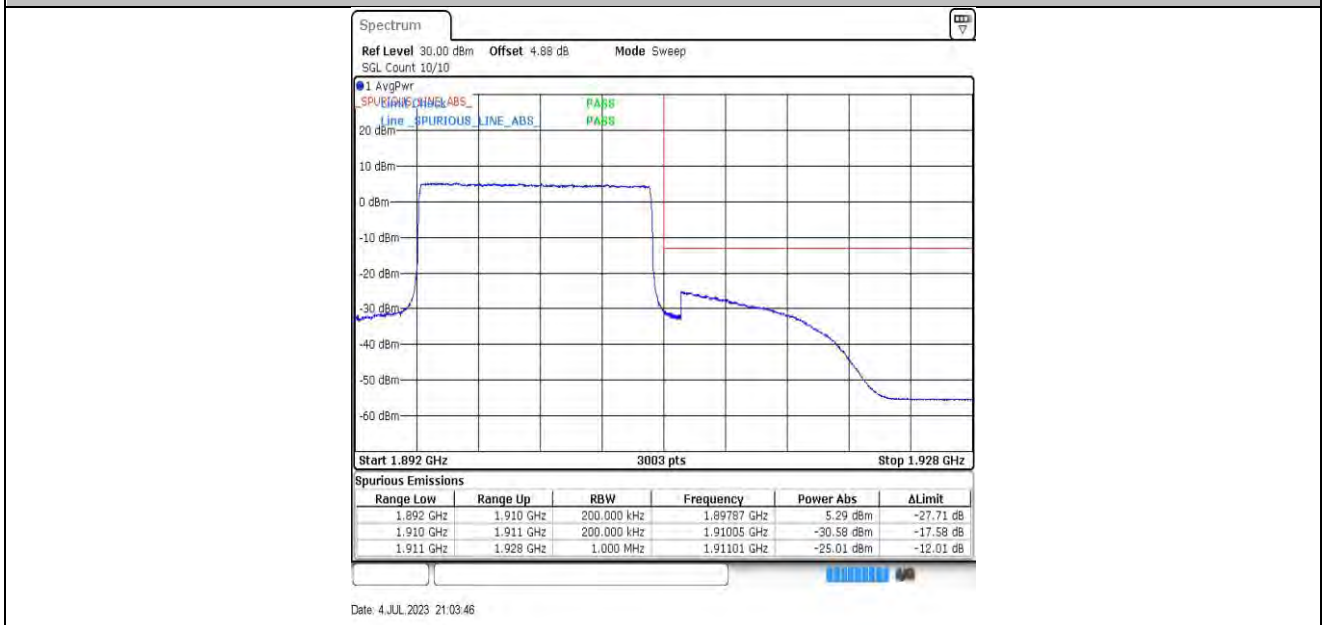
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15MHz-19125



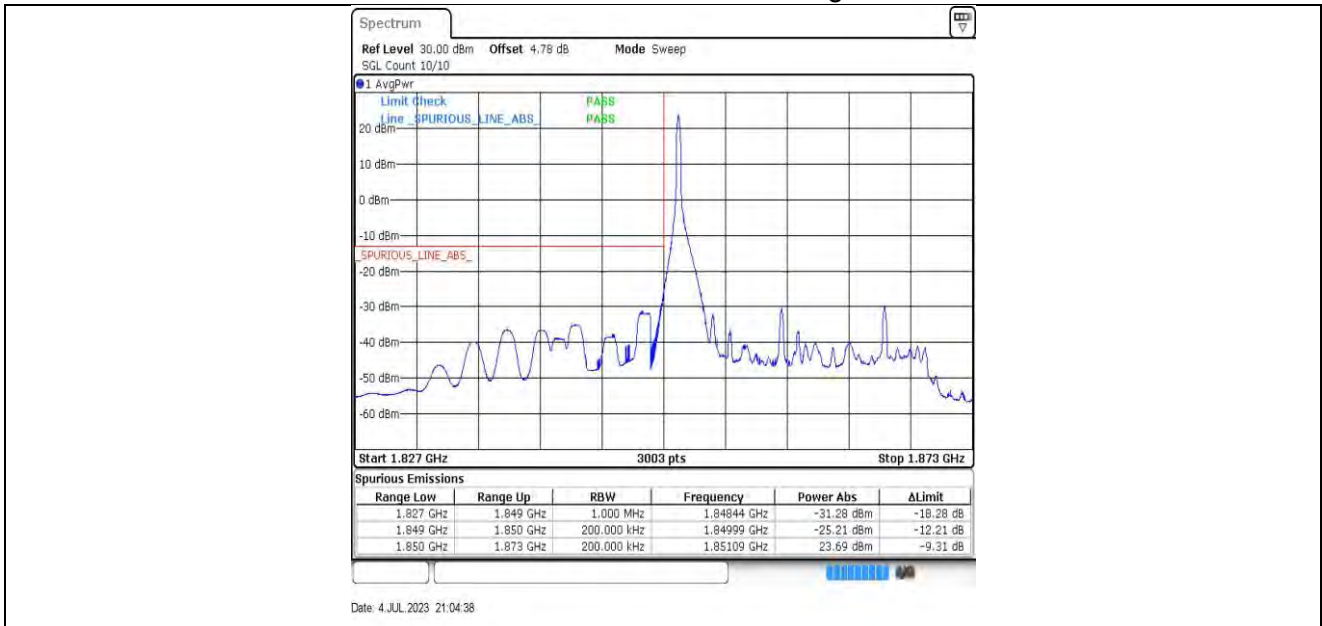
15MHz-19125



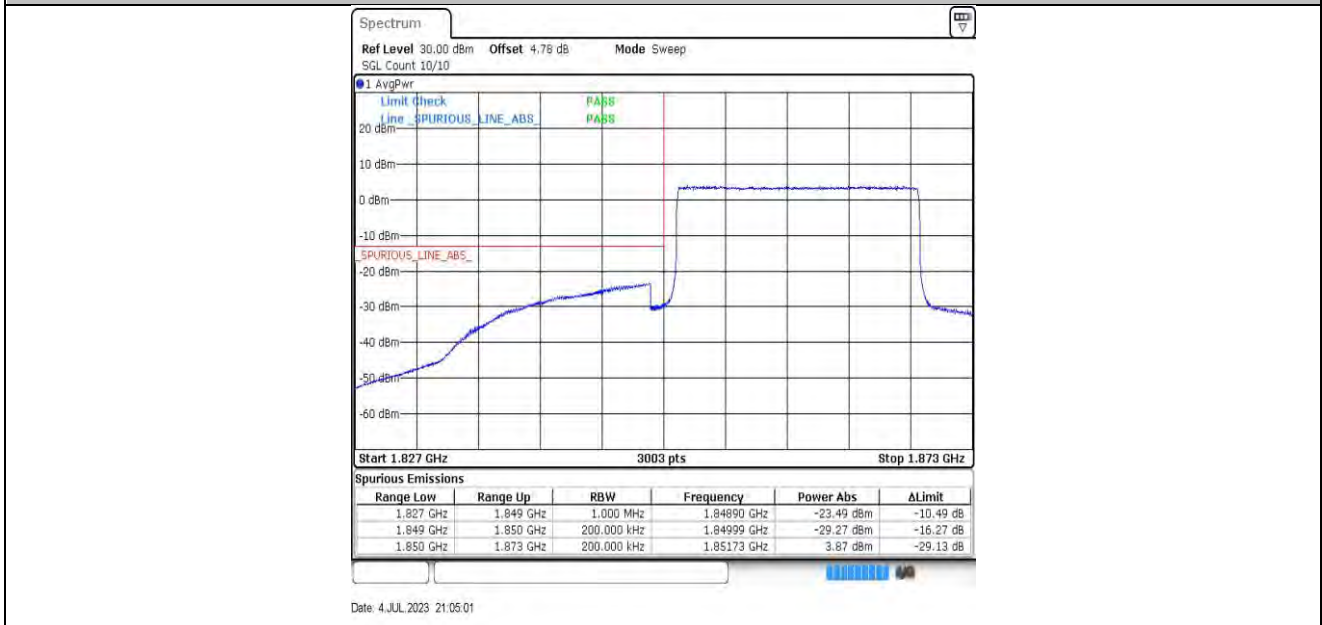
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20MHz-18700



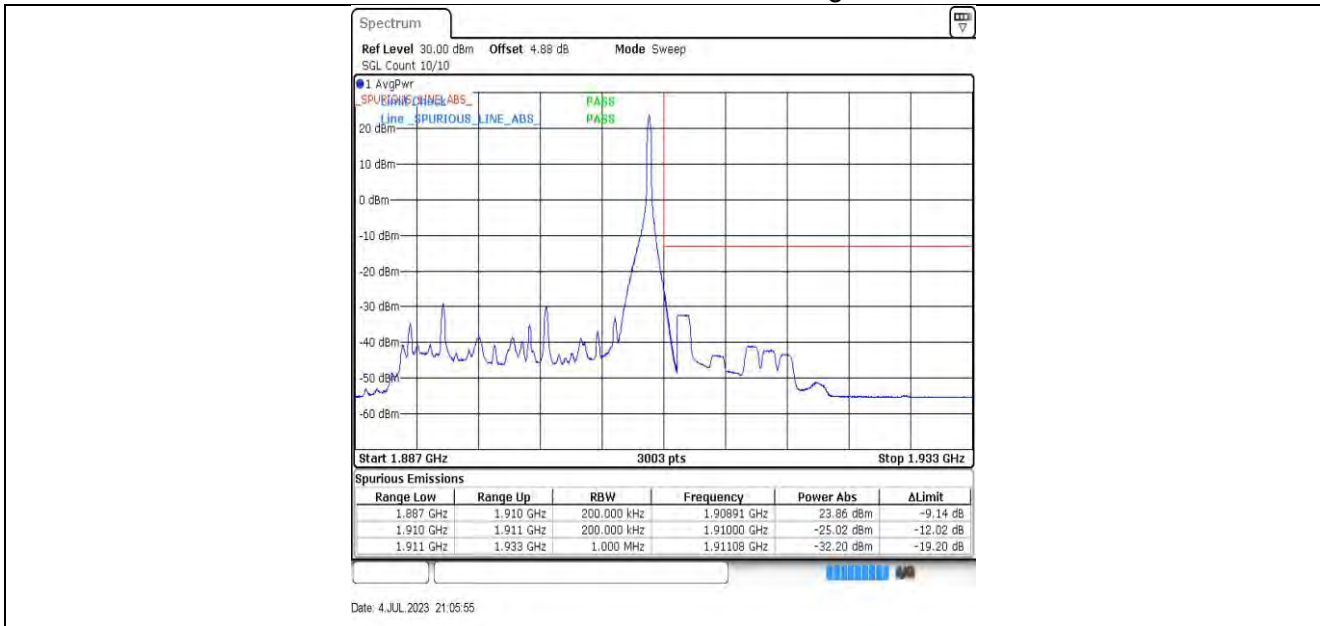
20MHz-18700



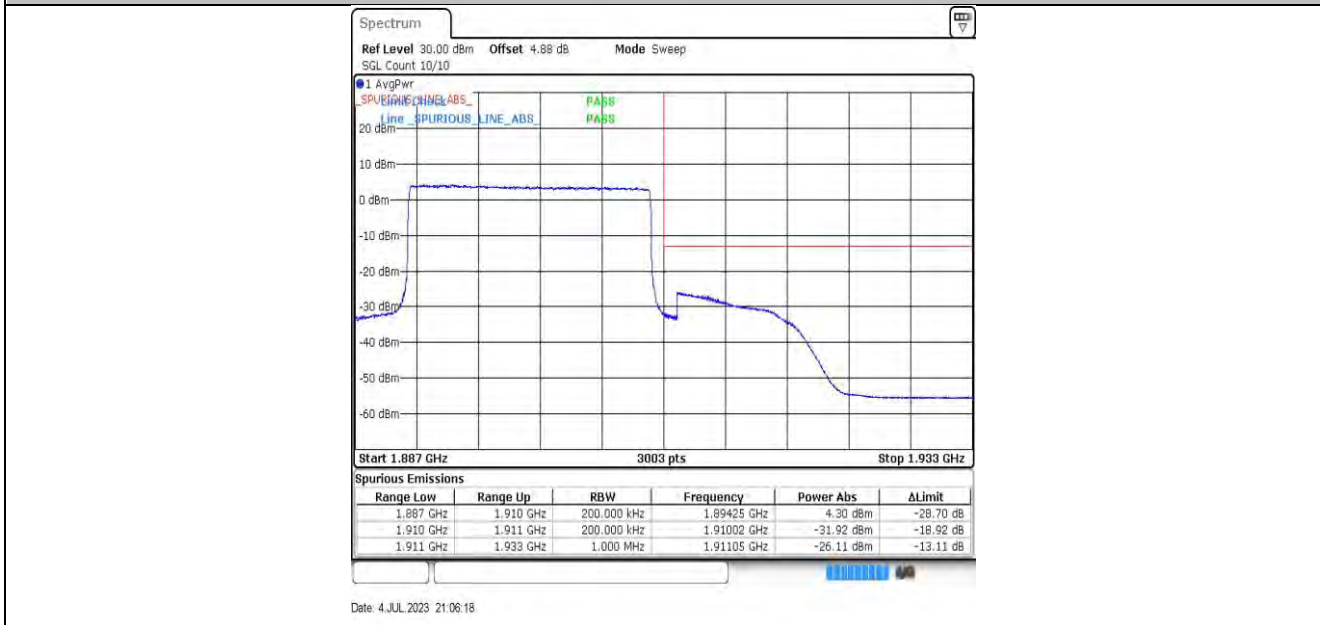
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20MHz-19100



20MHz-19100



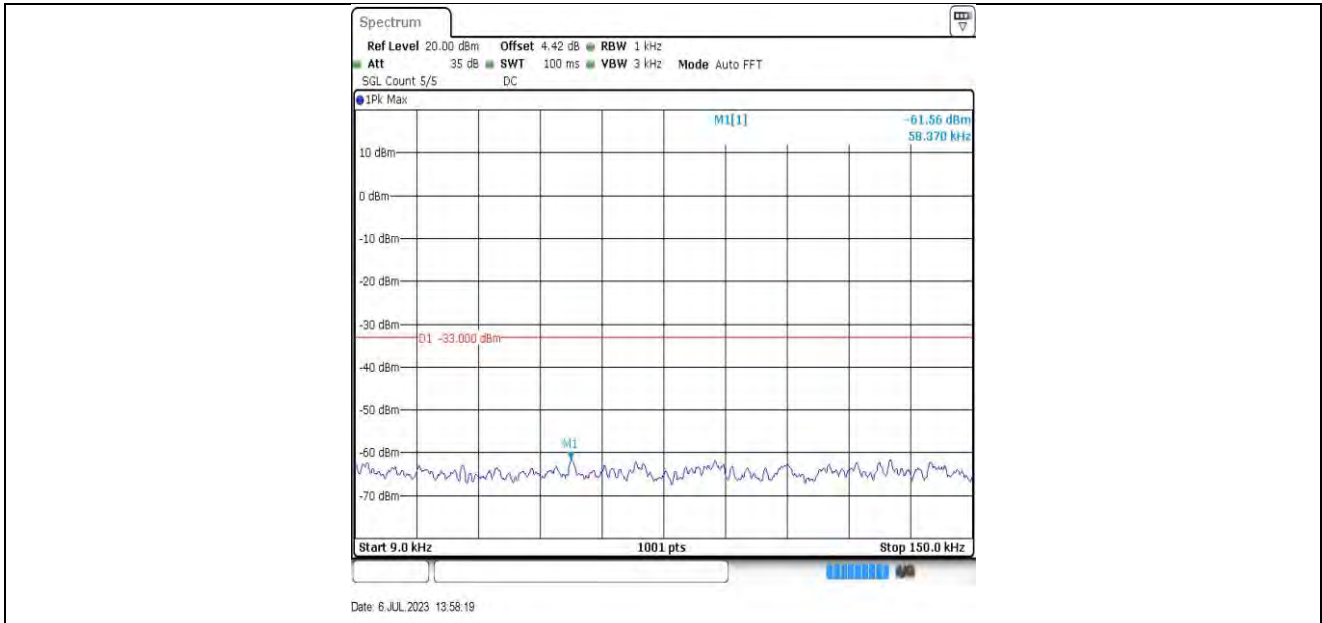
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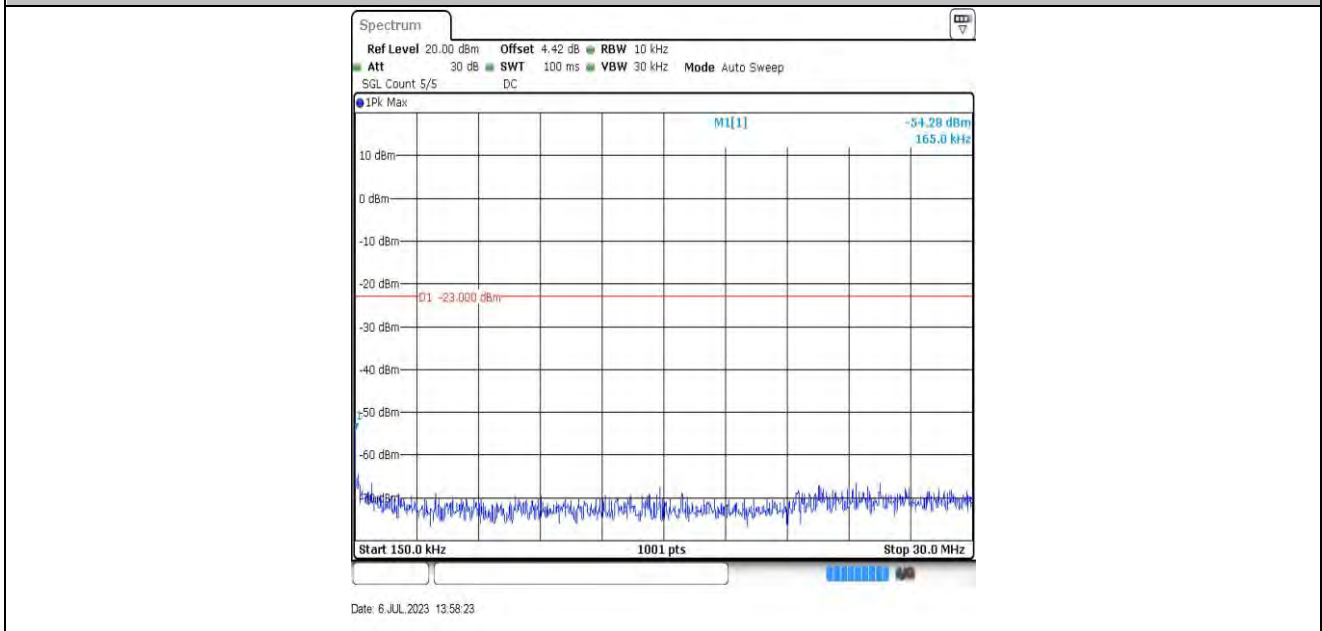
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Conducted Spurious Emission

Test Graphs



20MHz-18700



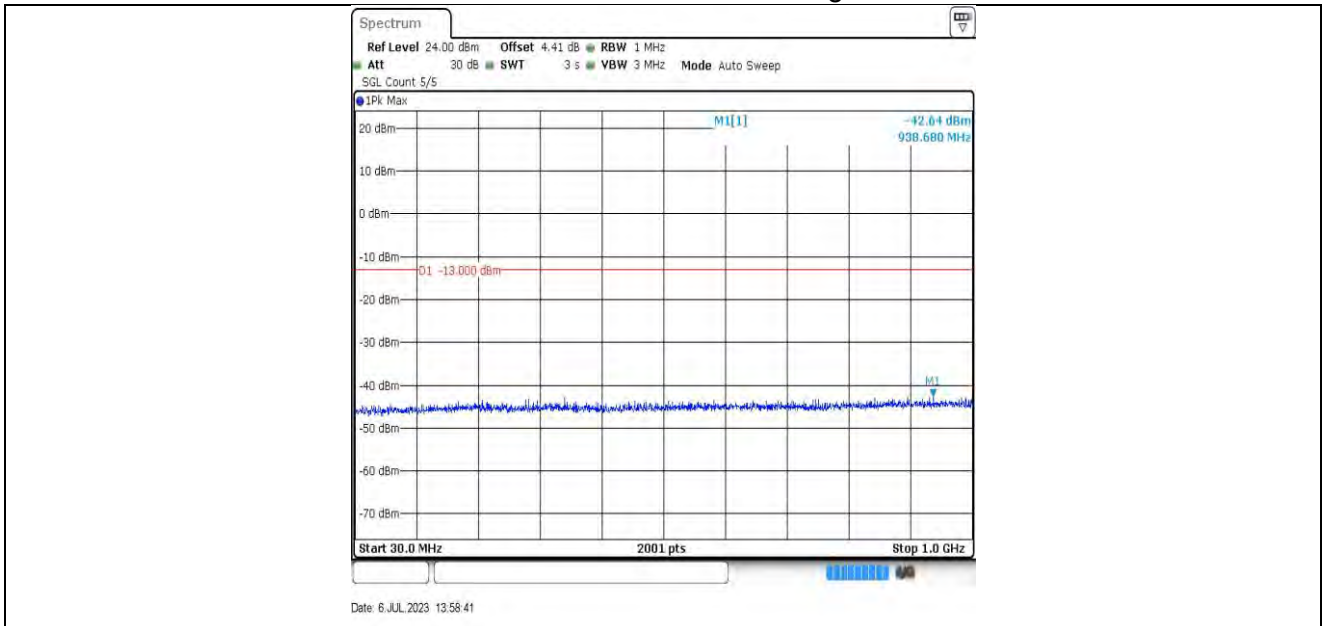
20MHz-18700



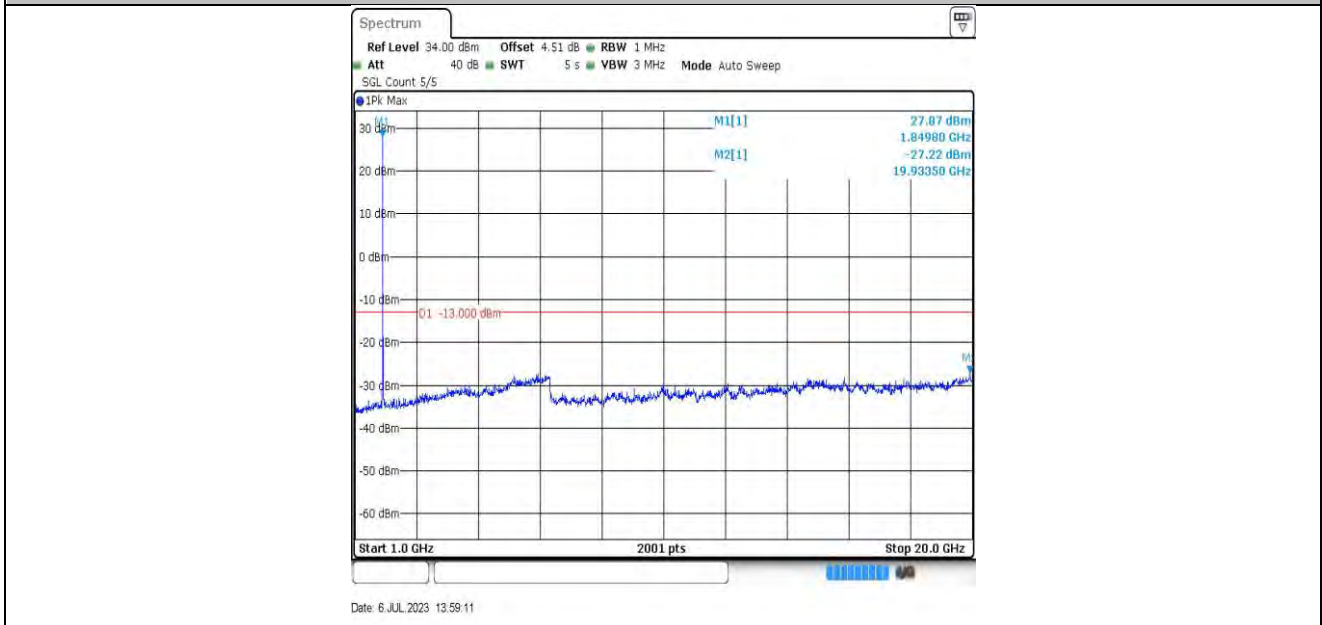
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20MHz-18700



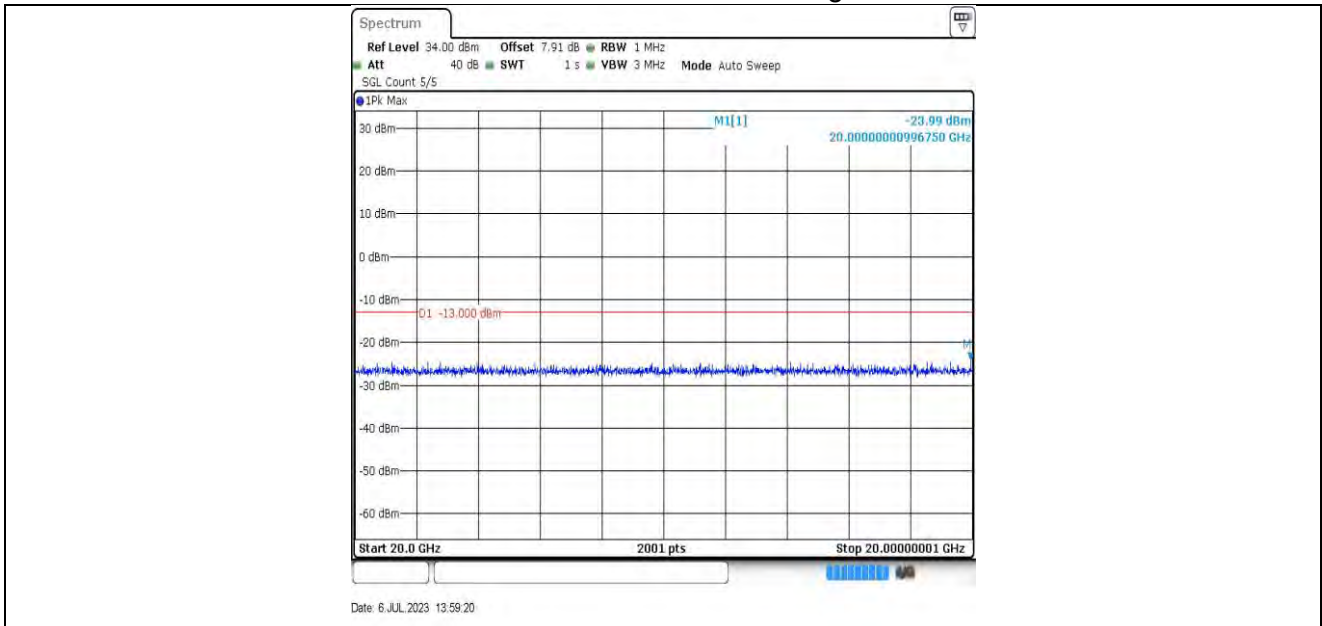
20MHz-18700



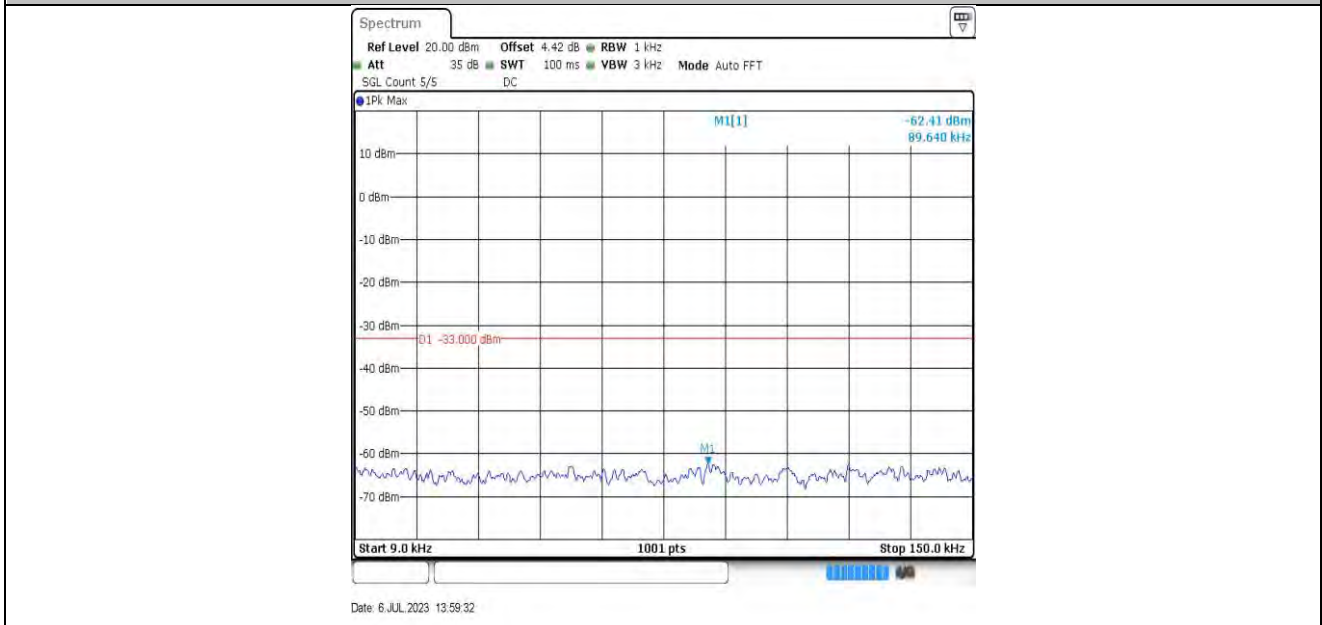
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20MHz-18700



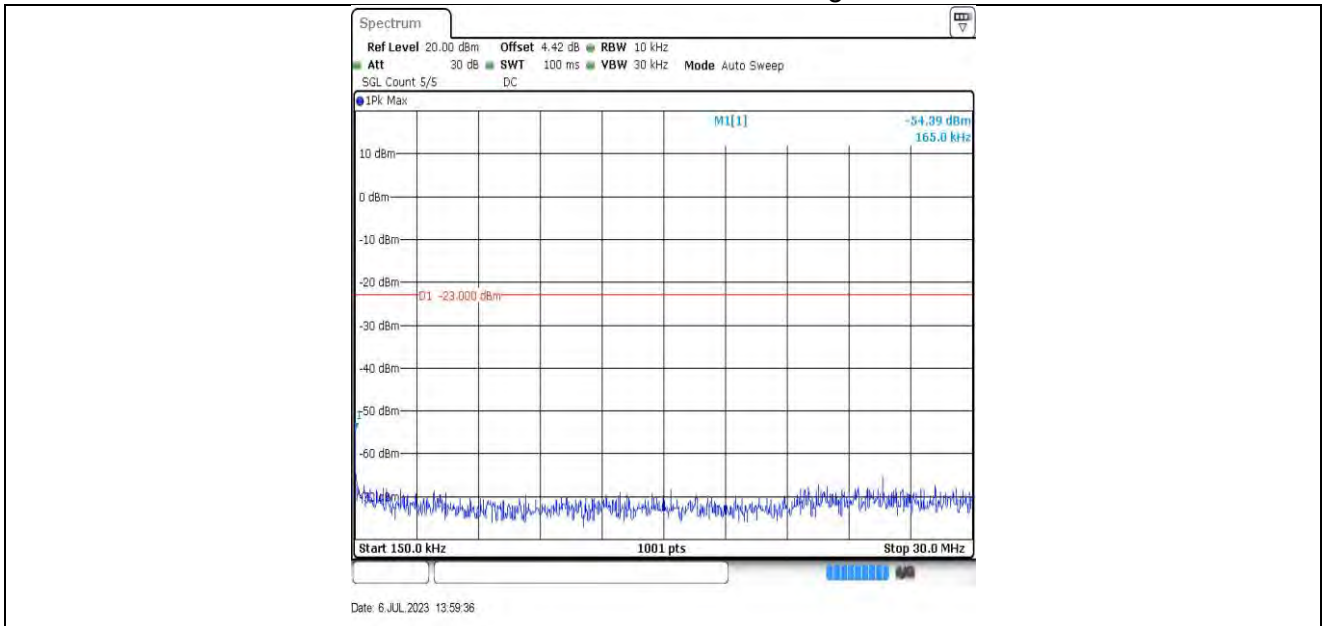
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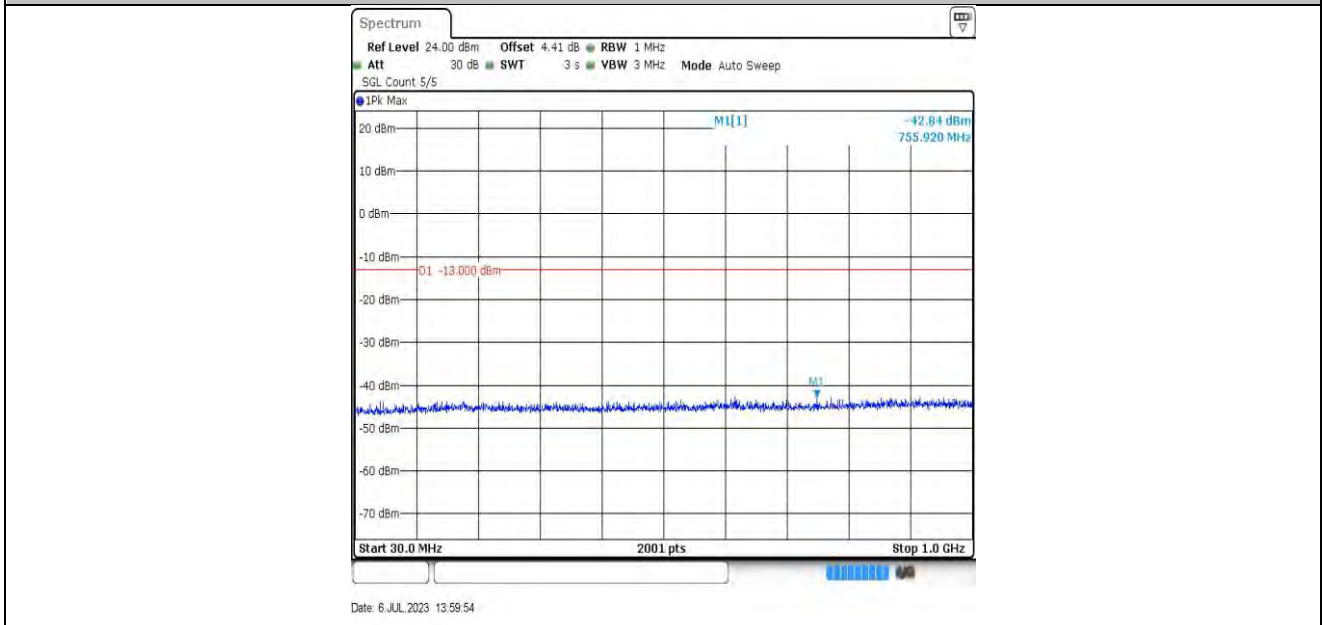
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20MHz-18900



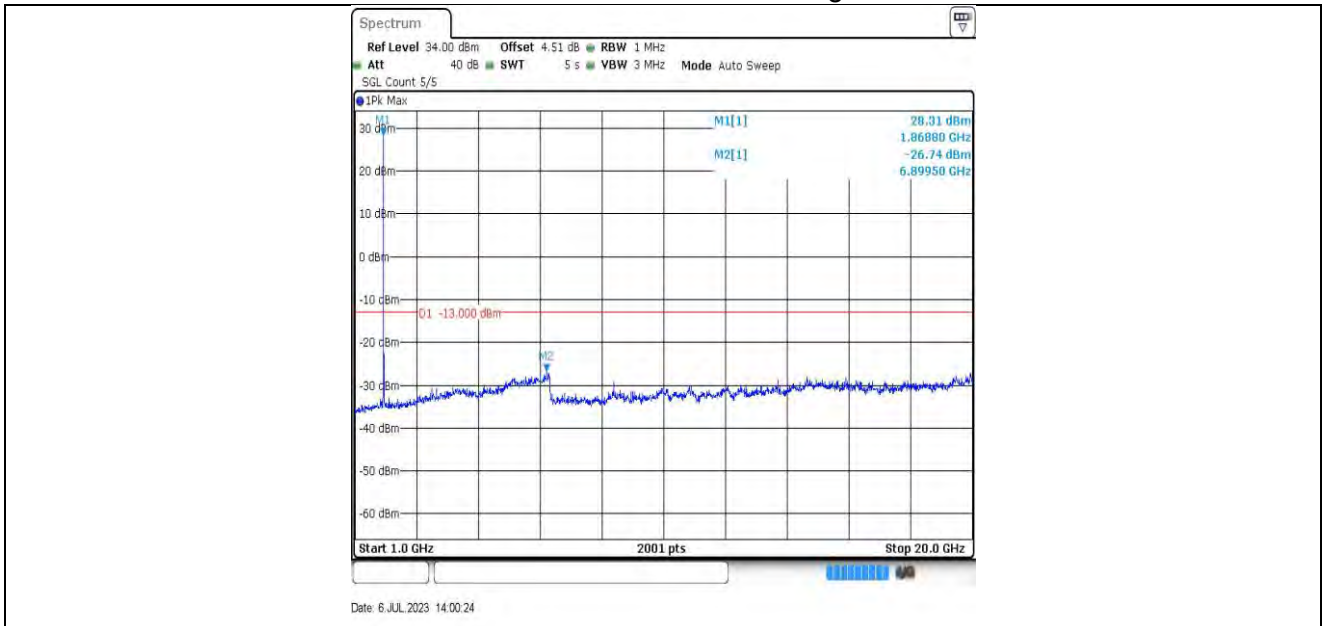
20MHz-18900



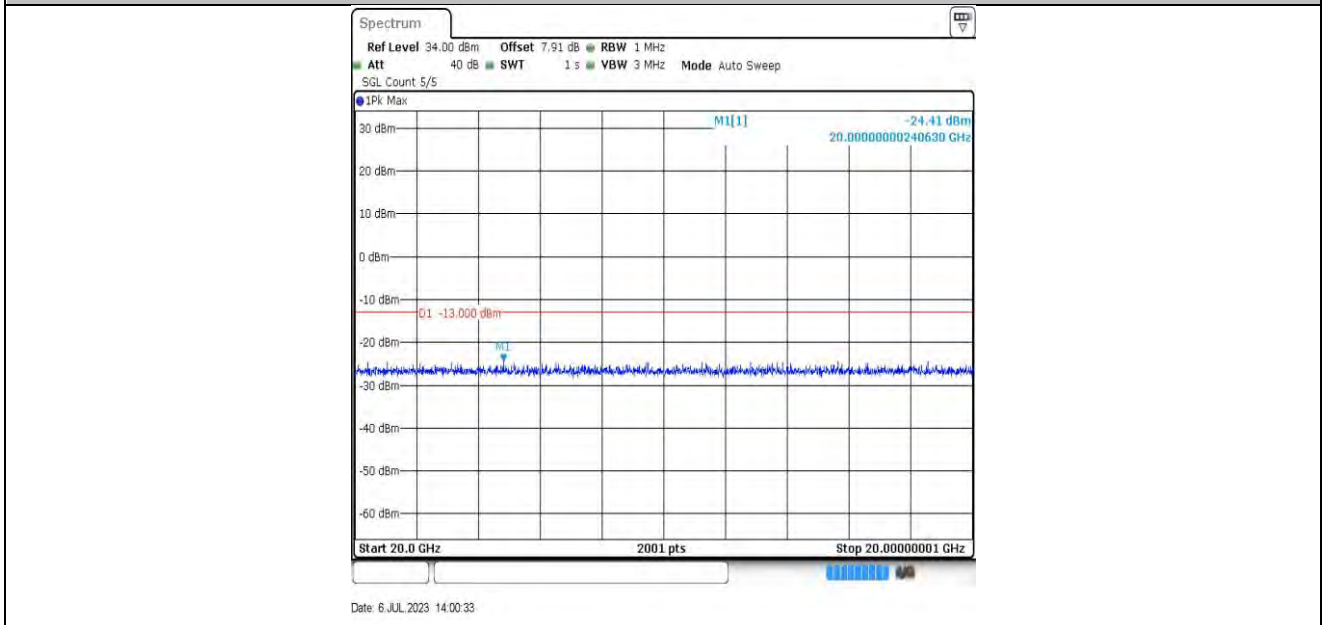
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20MHz-18900



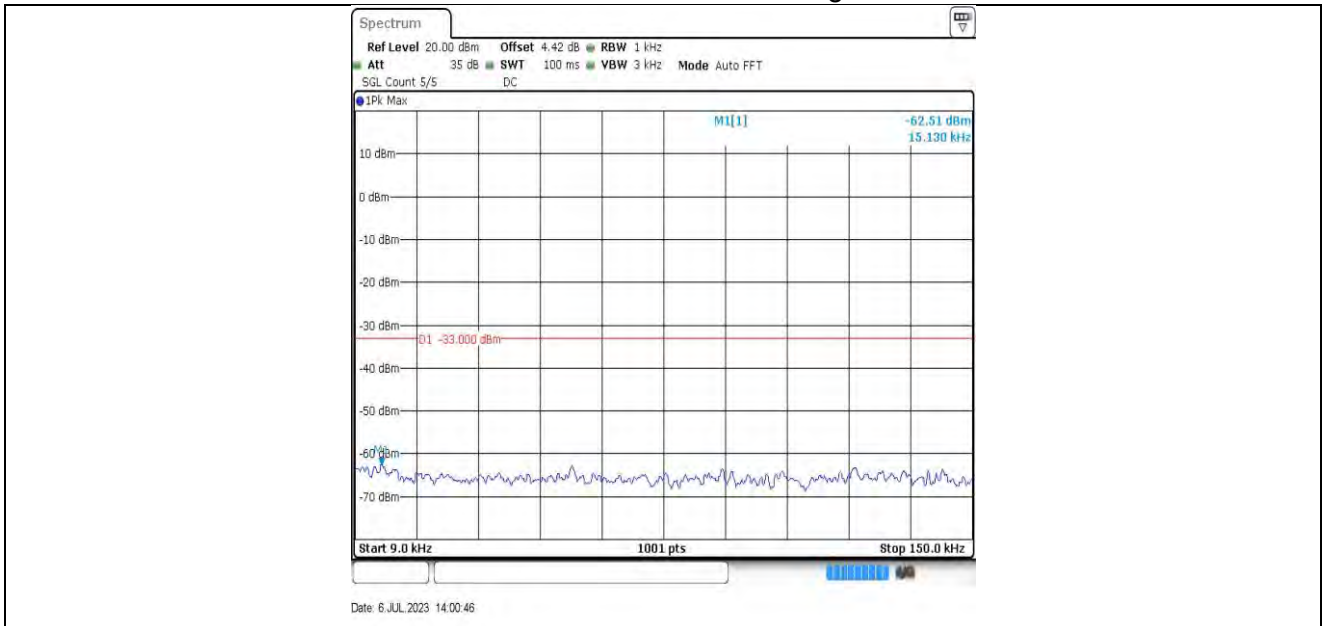
20MHz-18900



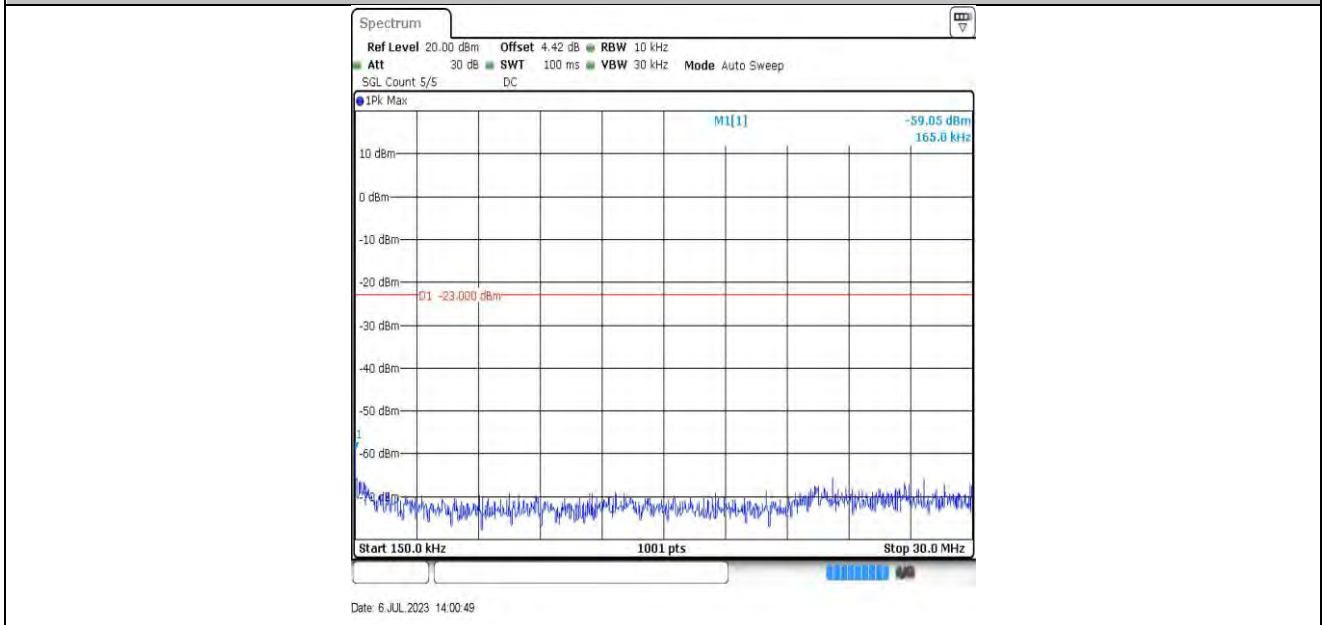
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20MHz-19100



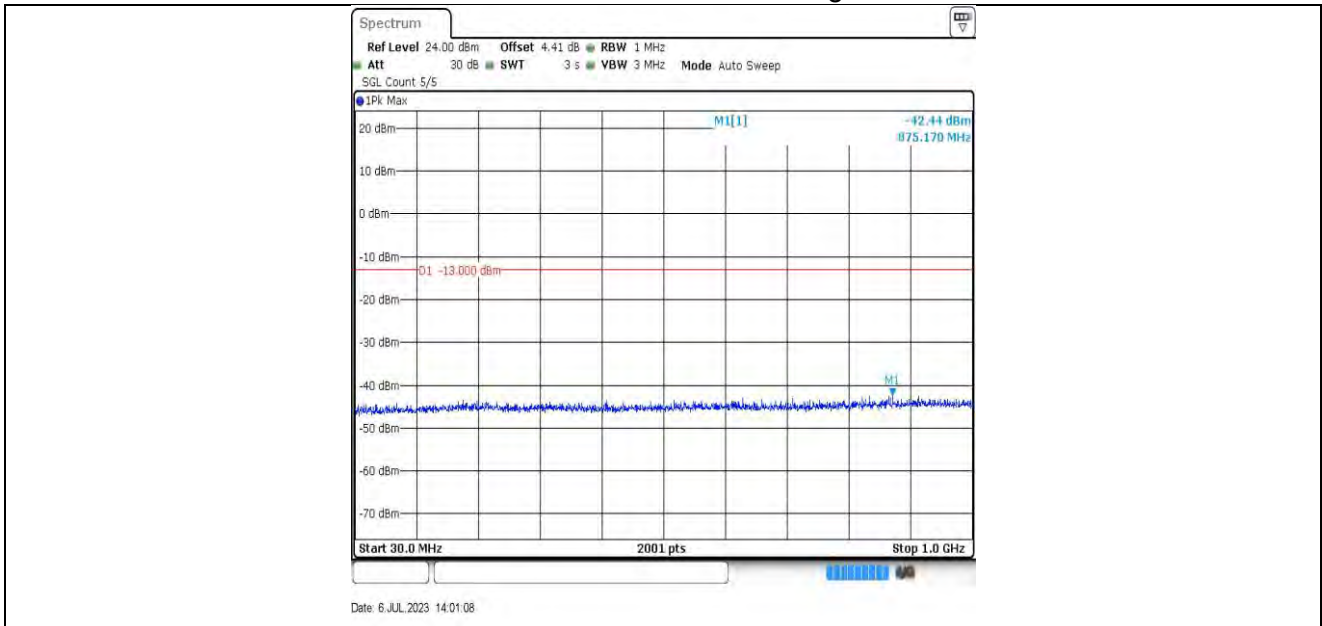
20MHz-19100



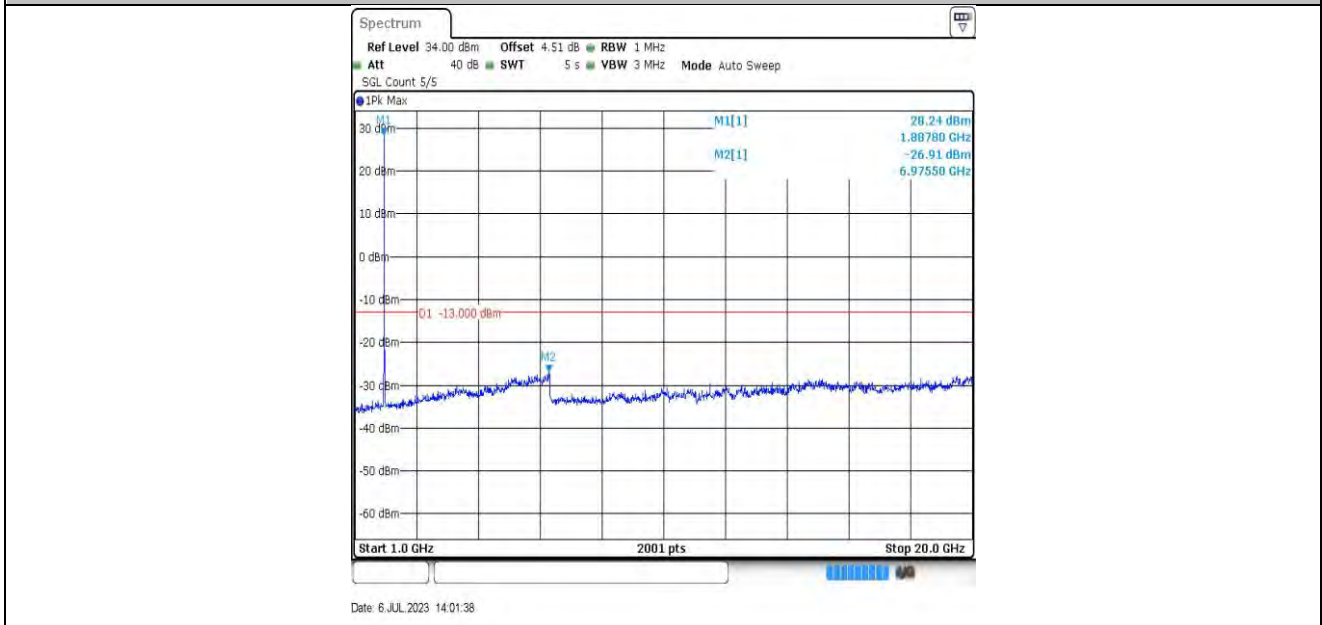
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20MHz-19100



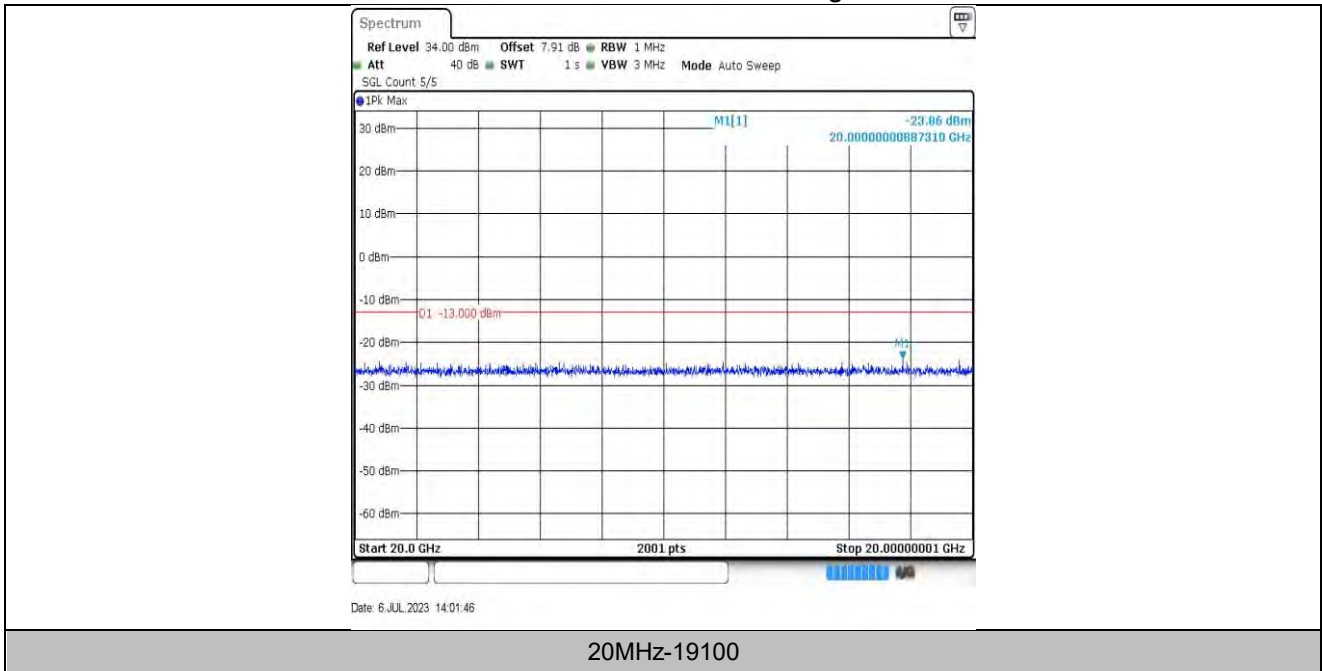
20MHz-19100



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Field Strength of Spurious Radiation

Test Band = LTE Band2_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.1800	40.19	-45.51	28.80	-71.78	-13.00	58.78	Horizontal
2	5553.2700	38.84	-45.15	32.61	-68.96	-13.00	55.96	Horizontal
3	7404.3600	37.28	-43.40	36.33	-65.04	-13.00	52.04	Horizontal
4	9255.4500	33.10	-40.23	36.79	-65.61	-13.00	52.61	Horizontal
5	11106.5400	27.93	-37.93	38.71	-66.55	-13.00	53.55	Horizontal
6	12957.6300	25.71	-37.24	39.09	-67.70	-13.00	54.70	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.1800	40.03	-45.51	28.80	-71.94	-13.00	58.94	Vertical
2	5553.2700	39.20	-45.15	32.61	-68.60	-13.00	55.60	Vertical
3	7404.3600	37.08	-43.40	36.33	-65.24	-13.00	52.24	Vertical
4	9255.4500	32.14	-40.23	36.79	-66.57	-13.00	53.57	Vertical
5	11106.5400	27.81	-37.93	38.71	-66.67	-13.00	53.67	Vertical
6	12957.6300	25.98	-37.24	39.09	-67.43	-13.00	54.43	Vertical



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Test Band = LTE Band2_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.1800	40.39	-45.68	28.84	-71.71	-13.00	58.71	Horizontal
2	5613.2700	38.67	-45.04	32.62	-69.01	-13.00	56.01	Horizontal
3	7484.3600	37.13	-43.18	36.56	-64.75	-13.00	51.75	Horizontal
4	9355.4500	31.58	-40.00	36.98	-66.71	-13.00	53.71	Horizontal
5	11226.5400	29.00	-37.40	38.72	-64.94	-13.00	51.94	Horizontal
6	13097.6300	24.87	-37.01	39.28	-68.12	-13.00	55.12	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.1800	41.55	-45.68	28.84	-70.55	-13.00	57.55	Vertical
2	5613.2700	39.15	-45.04	32.62	-68.53	-13.00	55.53	Vertical
3	7484.3600	36.74	-43.18	36.56	-65.14	-13.00	52.14	Vertical
4	9355.4500	32.40	-40.00	36.98	-65.89	-13.00	52.89	Vertical
5	11226.5400	29.11	-37.40	38.72	-64.83	-13.00	51.83	Vertical
6	13097.6300	25.31	-37.01	39.28	-67.68	-13.00	54.68	Vertical



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Test Band = LTE Band2_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.1800	39.81	-45.85	28.88	-72.41	-13.00	59.41	Horizontal
2	5673.2700	38.41	-44.91	32.63	-69.12	-13.00	56.12	Horizontal
3	7564.3600	36.87	-43.00	36.63	-64.77	-13.00	51.77	Horizontal
4	9455.4500	33.39	-40.05	37.17	-64.76	-13.00	51.76	Horizontal
5	11346.5400	28.60	-37.40	38.73	-65.32	-13.00	52.32	Horizontal
6	13237.6300	25.44	-37.08	39.53	-67.37	-13.00	54.37	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.1800	40.24	-45.85	28.88	-71.98	-13.00	58.98	Vertical
2	5673.2700	39.23	-44.91	32.63	-68.30	-13.00	55.30	Vertical
3	7564.3600	37.39	-43.00	36.63	-64.25	-13.00	51.25	Vertical
4	9455.4500	33.96	-40.05	37.17	-64.19	-13.00	51.19	Vertical
5	11346.5400	28.94	-37.40	38.73	-64.98	-13.00	51.98	Vertical
6	13237.6300	25.45	-37.08	39.53	-67.36	-13.00	54.36	Vertical



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Test Band = LTE 2A_5A_ TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4090.5	41.47	-45.79	29.32	-70.26	-13.00	57.26	Horizontal
2	5244.75	41.02	-45.19	31.99	-67.45	-13.00	54.45	Horizontal
3	7638	38.07	-43.00	36.66	-63.54	-13.00	50.54	Horizontal
4	8423.25	36.82	-41.49	36.59	-63.34	-13.00	50.34	Horizontal
5	10290.75	30.80	-39.13	38.35	-65.24	-13.00	52.24	Horizontal
6	12769.5	26.92	-36.78	39.03	-66.09	-13.00	53.09	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4005	41.90	-46.03	29.11	-70.27	-13.00	57.27	Vertical
2	5498.25	40.21	-45.24	32.60	-67.70	-13.00	54.70	Vertical
3	6672.75	39.81	-43.96	34.61	-64.80	-13.00	51.80	Vertical
4	7981.5	37.00	-42.44	36.79	-63.90	-13.00	50.90	Vertical
5	9630	33.33	-39.60	37.50	-64.03	-13.00	51.03	Vertical
6	13375.5	25.74	-36.45	39.78	-66.19	-13.00	53.19	Vertical



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Test Band = LTE 2A_5A_TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3995.25	42.03	-46.05	29.10	-70.19	-13.00	57.19	Horizontal
2	4927.5	41.65	-45.56	31.24	-67.93	-13.00	54.93	Horizontal
3	6994.5	38.82	-43.58	35.19	-64.83	-13.00	51.83	Horizontal
4	8412	36.88	-41.47	36.59	-63.26	-13.00	50.26	Horizontal
5	9498	34.27	-40.22	37.25	-63.97	-13.00	50.97	Horizontal
6	13923.75	25.74	-35.51	40.76	-64.27	-13.00	51.27	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3978.75	41.76	-46.09	29.08	-70.51	-13.00	57.51	Vertical
2	4887.75	41.46	-45.53	31.15	-68.18	-13.00	55.18	Vertical
3	7656.75	37.94	-43.04	36.66	-63.70	-13.00	50.70	Vertical
4	9612.75	33.15	-39.64	37.46	-64.29	-13.00	51.29	Vertical
5	11262	28.83	-37.41	38.73	-65.11	-13.00	52.11	Vertical
6	15154.5	24.69	-34.39	40.98	-63.98	-13.00	50.98	Vertical



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Test Band = LTE 2A_5A_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4142.25	41.41	-45.76	29.44	-70.17	-13.00	57.17	Horizontal
2	4901.25	41.88	-45.53	31.18	-67.73	-13.00	54.73	Horizontal
3	5874	40.53	-44.91	32.67	-66.97	-13.00	53.97	Horizontal
4	7644	37.97	-43.01	36.66	-63.65	-13.00	50.65	Horizontal
5	9045.75	35.43	-40.70	36.39	-64.15	-13.00	51.15	Horizontal
6	12700.5	26.51	-36.68	39.01	-66.42	-13.00	53.42	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4515.75	41.30	-45.70	30.33	-69.33	-13.00	56.33	Vertical
2	5960.25	40.38	-44.89	32.69	-67.07	-13.00	54.07	Vertical
3	6834.75	40.52	-44.15	34.90	-63.98	-13.00	50.98	Vertical
4	8424	37.15	-41.49	36.59	-63.01	-13.00	50.01	Vertical
5	10080	32.09	-39.14	38.24	-64.07	-13.00	51.07	Vertical
6	11391	29.19	-37.37	38.74	-64.71	-13.00	51.71	Vertical



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Test Band = LTE 2A_13A_TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1554.6800	42.84	-48.30	25.18	-75.54	-13.00	62.54	Horizontal
2	2332.0200	42.19	-47.48	26.83	-73.72	-13.00	60.72	Horizontal
3	3109.3600	41.41	-46.71	28.37	-72.19	-13.00	59.19	Horizontal
4	3702.1800	40.76	-46.15	28.80	-71.85	-13.00	58.85	Horizontal
5	5553.2700	39.16	-45.21	32.61	-68.70	-13.00	55.70	Horizontal
6	7404.3600	37.90	-43.27	36.33	-64.29	-13.00	51.29	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1554.6800	42.78	-48.30	25.18	-75.60	-13.00	62.60	Vertical
2	2332.0200	42.94	-47.48	26.83	-72.97	-13.00	59.97	Vertical
3	3109.3600	41.96	-46.71	28.37	-71.64	-13.00	58.64	Vertical
4	3702.1800	40.77	-46.15	28.80	-71.84	-13.00	58.84	Vertical
5	5553.2700	39.63	-45.21	32.61	-68.23	-13.00	55.23	Vertical
6	7404.3600	37.53	-43.27	36.33	-64.66	-13.00	51.66	Vertical



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Test Band = LTE 2A_13A_TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1559.6800	42.17	-48.30	25.18	-76.21	-40.00	36.21	Horizontal
2	2339.5200	41.86	-47.48	26.85	-74.03	-13.00	61.03	Horizontal
3	3119.3600	41.91	-46.66	28.37	-71.64	-13.00	58.64	Horizontal
4	3742.1800	40.20	-46.15	28.84	-72.37	-13.00	59.37	Horizontal
5	5613.2700	39.42	-45.17	32.62	-68.39	-13.00	55.39	Horizontal
6	7484.3600	36.49	-43.40	36.56	-65.62	-13.00	52.62	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1559.6800	43.20	-48.30	25.18	-75.18	-40.00	35.18	Vertical
2	2339.5200	43.54	-47.48	26.85	-72.35	-13.00	59.35	Vertical
3	3119.3600	42.30	-46.66	28.37	-71.25	-13.00	58.25	Vertical
4	3742.1800	40.33	-46.15	28.84	-72.24	-13.00	59.24	Vertical
5	5613.2700	39.99	-45.17	32.62	-67.82	-13.00	54.82	Vertical
6	7484.3600	37.18	-43.40	36.56	-64.93	-13.00	51.93	Vertical



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Test Band = LTE 2A_13A_TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1564.6800	42.12	-48.29	25.18	-76.25	-40.00	36.25	Horizontal
2	2347.0200	42.50	-47.48	26.87	-73.36	-13.00	60.36	Horizontal
3	3129.3600	41.05	-46.61	28.38	-72.45	-13.00	59.45	Horizontal
4	3782.1800	40.34	-46.16	28.88	-72.20	-13.00	59.20	Horizontal
5	5673.2700	38.64	-44.75	32.63	-68.74	-13.00	55.74	Horizontal
6	7564.3600	36.69	-43.11	36.63	-65.05	-13.00	52.05	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1564.6800	43.28	-48.29	25.18	-75.09	-40.00	35.09	Vertical
2	2347.0200	42.75	-47.48	26.87	-73.11	-13.00	60.11	Vertical
3	3129.3600	42.63	-46.61	28.38	-70.87	-13.00	57.87	Vertical
4	3782.1800	41.12	-46.16	28.88	-71.42	-13.00	58.42	Vertical
5	5673.2700	39.16	-44.75	32.63	-68.22	-13.00	55.22	Vertical
6	7564.3600	37.21	-43.11	36.63	-64.53	-13.00	51.53	Vertical



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Test Band = LTE 2A_66A_TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3404.1800	40.30	-46.28	28.54	-72.70	-13.00	59.70	Horizontal
2	3702.1800	39.17	-45.51	28.80	-72.80	-13.00	59.80	Horizontal
3	5106.2700	38.13	-45.36	31.66	-70.84	-13.00	57.84	Horizontal
4	5553.2700	39.43	-45.15	32.61	-68.37	-13.00	55.37	Horizontal
5	6808.3600	37.82	-44.16	34.86	-66.75	-13.00	53.75	Horizontal
6	7404.3600	37.12	-43.40	36.33	-65.20	-13.00	52.20	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3404.1800	41.53	-46.28	28.54	-71.47	-13.00	58.47	Vertical
2	3702.1800	39.99	-45.51	28.80	-71.98	-13.00	58.98	Vertical
3	5106.2700	38.57	-45.36	31.66	-70.40	-13.00	57.40	Vertical
4	5553.2700	39.37	-45.15	32.61	-68.43	-13.00	55.43	Vertical
5	6808.3600	38.26	-44.16	34.86	-66.31	-13.00	53.31	Vertical
6	7404.3600	36.76	-43.40	36.33	-65.56	-13.00	52.56	Vertical



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Test Band = LTE 2A_66A_TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.1800	40.97	-46.27	28.57	-71.99	-13.00	58.99	Horizontal
2	3742.1800	38.52	-45.68	28.84	-73.58	-13.00	60.58	Horizontal
3	5181.2700	38.25	-45.30	31.84	-70.47	-13.00	57.47	Horizontal
4	5613.2700	38.74	-45.04	32.62	-68.94	-13.00	55.94	Horizontal
5	6908.3600	37.40	-44.05	35.04	-66.87	-13.00	53.87	Horizontal
6	7484.3600	35.99	-43.18	36.56	-65.89	-13.00	52.89	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.1800	41.95	-46.27	28.57	-71.01	-13.00	58.01	Vertical
2	3742.1800	40.03	-45.68	28.84	-72.07	-13.00	59.07	Vertical
3	5181.2700	38.63	-45.30	31.84	-70.09	-13.00	57.09	Vertical
4	5613.2700	38.54	-45.04	32.62	-69.14	-13.00	56.14	Vertical
5	6908.3600	37.78	-44.05	35.04	-66.49	-13.00	53.49	Vertical
6	7484.3600	36.87	-43.18	36.56	-65.01	-13.00	52.01	Vertical



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Test Band = LTE 2A_66A_TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3504.1800	40.36	-46.25	28.60	-72.55	-13.00	59.55	Horizontal
2	3782.1800	39.56	-45.85	28.88	-72.66	-13.00	59.66	Horizontal
3	5256.2700	39.35	-45.17	32.02	-69.07	-13.00	56.07	Horizontal
4	5673.2700	38.44	-44.91	32.63	-69.09	-13.00	56.09	Horizontal
5	7008.3600	38.17	-43.61	35.22	-65.47	-13.00	52.47	Horizontal
6	7564.3600	36.21	-43.00	36.63	-65.43	-13.00	52.43	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3504.1800	41.46	-46.25	28.60	-71.45	-13.00	58.45	Vertical
2	3782.1800	40.98	-45.85	28.88	-71.24	-13.00	58.24	Vertical
3	5256.2700	39.42	-45.17	32.02	-69.00	-13.00	56.00	Vertical
4	5673.2700	38.94	-44.91	32.63	-68.59	-13.00	55.59	Vertical
5	7008.3600	38.24	-43.61	35.22	-65.40	-13.00	52.40	Vertical
6	7564.3600	36.65	-43.00	36.63	-64.99	-13.00	51.99	Vertical



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Test Band = LTE 2A_48A_TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6985.875	40.18	-43.12	35.17	-63.02	-40.00	23.02	Horizontal
2	8563.675	37.13	-41.22	36.52	-62.83	-40.00	22.83	Horizontal
3	10063.275	32.75	-38.95	38.23	-63.23	-40.00	23.23	Horizontal
4	11262.15	29.53	-36.99	38.73	-64.00	-40.00	24.00	Horizontal
5	12846.85	28.44	-36.74	39.05	-64.50	-40.00	24.50	Horizontal
6	14495.375	25.88	-34.27	41.10	-62.55	-40.00	22.55	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7075.575	40.54	-43.50	35.41	-62.80	-40.00	22.80	Vertical
2	8023.75	37.69	-41.94	36.79	-62.72	-40.00	22.72	Vertical
3	8969.05	36.87	-40.88	36.32	-62.96	-40.00	22.96	Vertical
4	10362.85	31.61	-38.81	38.38	-64.08	-40.00	24.08	Vertical
5	12213.2	28.21	-37.05	38.86	-65.23	-40.00	25.23	Vertical
6	14552.3	25.98	-34.82	41.12	-62.97	-40.00	22.97	Vertical



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Test Band = LTE 2A_48A_TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8080.1	37.77	-41.50	36.76	-62.23	-40.00	22.23	Horizontal
2	9481.95	34.85	-39.95	37.22	-63.15	-40.00	23.15	Horizontal
3	10122.5	33.43	-38.83	38.26	-62.40	-40.00	22.40	Horizontal
4	11515.725	27.59	-36.58	38.75	-65.50	-40.00	25.50	Horizontal
5	13448.3	26.82	-36.35	39.91	-64.88	-40.00	24.88	Horizontal
6	14626.475	26.87	-35.19	41.15	-62.43	-40.00	22.43	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7791.45	39.05	-42.61	36.72	-62.11	-40.00	22.11	Vertical
2	8962.15	36.54	-40.89	36.32	-63.29	-40.00	23.29	Vertical
3	10100.65	32.10	-38.70	38.25	-63.61	-40.00	23.61	Vertical
4	11591.625	27.60	-36.94	38.76	-65.84	-40.00	25.84	Vertical
5	12785.325	27.69	-36.65	39.04	-65.19	-40.00	25.19	Vertical
6	14497.675	25.66	-34.25	41.10	-62.75	-40.00	22.75	Vertical



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Test Band = LTE 2A_48A_TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7701.175	39.39	-42.95	36.68	-62.14	-40.00	22.14	Horizontal
2	9016.2	36.02	-40.80	36.33	-63.70	-40.00	23.70	Horizontal
3	10111.575	32.28	-38.77	38.26	-63.49	-40.00	23.49	Horizontal
4	11454.2	29.41	-36.97	38.75	-64.07	-40.00	24.07	Horizontal
5	12918.15	27.40	-36.95	39.08	-65.73	-40.00	25.73	Horizontal
6	14513.775	25.91	-34.38	41.11	-62.63	-40.00	22.63	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7792.6	38.76	-42.61	36.72	-62.39	-40.00	22.39	Vertical
2	9422.15	35.52	-39.93	37.10	-62.57	-40.00	22.57	Vertical
3	10319.725	31.60	-38.92	38.36	-64.22	-40.00	24.22	Vertical
4	11445.575	29.25	-37.05	38.74	-64.32	-40.00	24.32	Vertical
5	12705.975	28.14	-36.82	39.01	-64.93	-40.00	24.93	Vertical
6	13919.8	26.95	-35.41	40.76	-62.97	-40.00	22.97	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) - Preamp (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
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-14.00	-0.007447	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-3.60	-0.001915	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-7.10	-0.003777	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-0.60	-0.000319	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-5.20	-0.002766	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	6.40	0.003404	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	4.40	0.002340	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	7.40	0.003936	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-7.80	-0.004149	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-11.00	-0.005851	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	8.60	0.004574	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	6.40	0.003404	PASS

---End of Attachment---



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