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Appendix B.2

LTE Band 2



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.87	24.83	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	22.97	24.93	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.82	24.78	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.92	23.88	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.99	24.95	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.17	25.13	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.00	24.96	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.14	24.10	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.03	24.99	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.18	25.14	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.05	25.01	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.88	23.84	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.77	23.73	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.01	23.97	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.79	23.75	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.86	22.82	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.09	24.05	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.30	24.26	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.09	24.05	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.97	22.93	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.88	23.84	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.10	24.06	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.90	23.86	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.84	22.80	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.33	24.29	33.00	PASS



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Band2	3MHz	QPSK	18615	1RB#8	22.25	24.21	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.49	24.45	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.31	23.27	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.70	24.66	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.48	24.44	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.45	24.41	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.45	23.41	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.44	24.40	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.57	24.53	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.52	24.48	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.41	23.37	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.38	23.34	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.82	23.78	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.32	23.28	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.25	22.21	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.68	23.64	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.61	23.57	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.56	23.52	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.39	22.35	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.35	23.31	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.40	23.36	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.42	23.38	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.45	22.41	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.22	24.18	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.29	24.25	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.18	24.14	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.20	23.16	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.43	24.39	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.61	24.57	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.40	24.36	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.52	23.48	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.47	24.43	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.55	24.51	33.00	PASS



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Band2	5MHz	QPSK	19175	1RB#24	22.48	24.44	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.48	23.44	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.15	23.11	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.24	23.20	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.19	23.15	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.18	22.14	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.60	23.56	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.75	23.71	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.61	23.57	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.50	22.46	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.31	23.27	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.55	23.51	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.46	23.42	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.56	22.52	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.19	24.15	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.25	24.21	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.23	24.19	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.28	23.24	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.50	24.46	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.58	24.54	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.43	24.39	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.48	23.44	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.33	24.29	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.47	24.43	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.57	24.53	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.44	23.40	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.35	23.31	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.36	23.32	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.48	23.44	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.21	22.17	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.66	23.62	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.75	23.71	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.50	23.46	33.00	PASS



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Band2	10MHz	16QAM	18900	50RB#0	20.51	22.47	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.26	23.22	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.42	23.38	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.41	23.37	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.42	22.38	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.21	24.17	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.24	24.20	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.26	24.22	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.32	23.28	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.44	24.40	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.50	24.46	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.38	24.34	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.50	23.46	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.34	24.30	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.38	24.34	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.45	24.41	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.49	23.45	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.32	23.28	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.43	23.39	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.51	23.47	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.24	22.20	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.75	23.71	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.73	23.69	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.60	23.56	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.47	22.43	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.21	23.17	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.27	23.23	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.35	23.31	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.40	22.36	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.26	24.22	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.45	24.41	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.41	24.37	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.30	23.26	33.00	PASS



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Band2	20MHz	QPSK	18900	1RB#49	22.61	24.57	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.34	24.30	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.42	23.38	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.19	24.15	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.32	24.28	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.36	24.32	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.38	23.34	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.18	23.14	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.48	23.44	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.42	23.38	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.39	22.35	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.62	23.58	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.82	23.78	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.43	23.39	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.48	22.44	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.37	23.33	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.46	23.42	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.44	23.40	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.38	22.34	33.00	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	5.18	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.16	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.22	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.02	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.88	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.86	13	PASS



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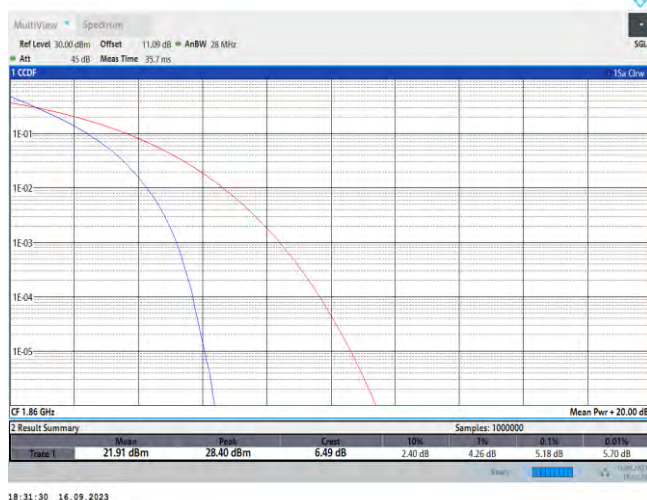
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Rev.: 01

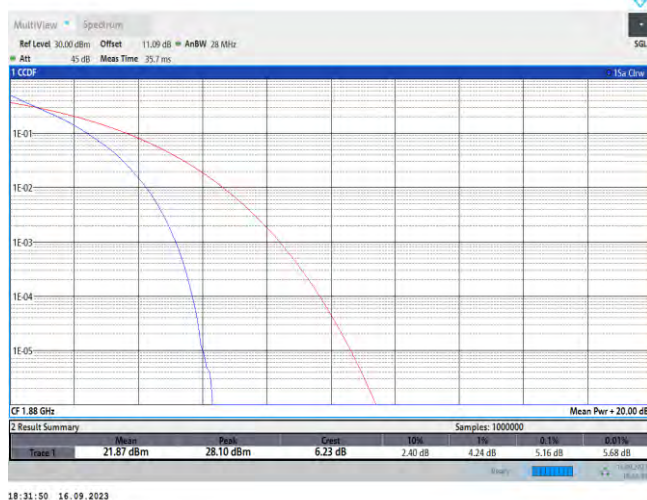
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Test Graphs

Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-18900-100RB#0



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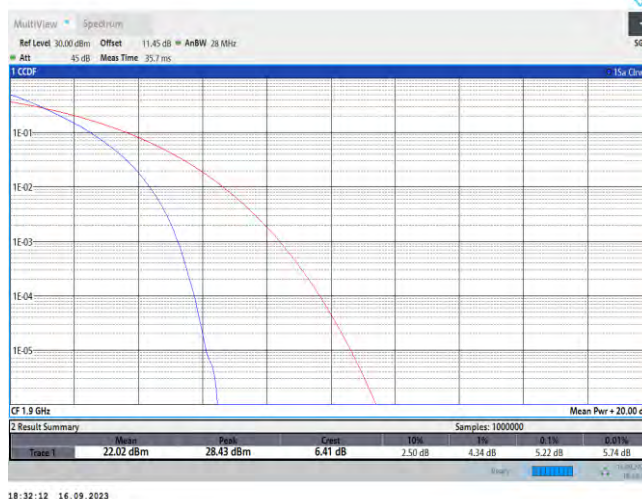
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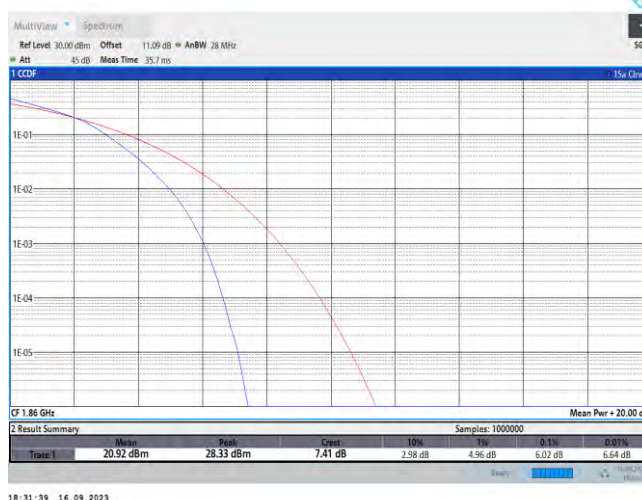
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Band2-20MHz-QPSK-19100-100RB#0



Band2-20MHz-16QAM-18700-100RB#0



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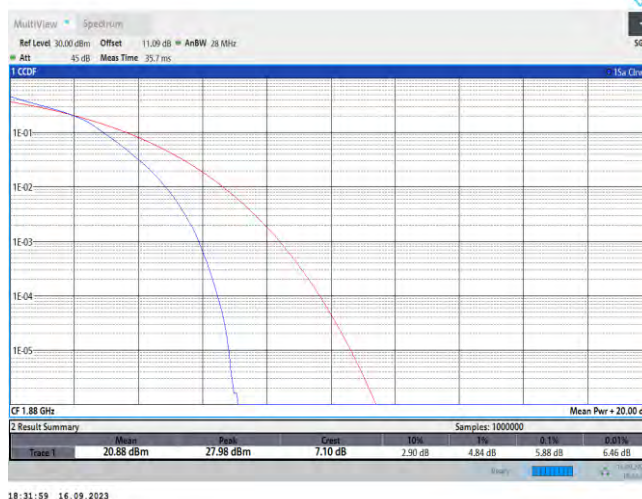
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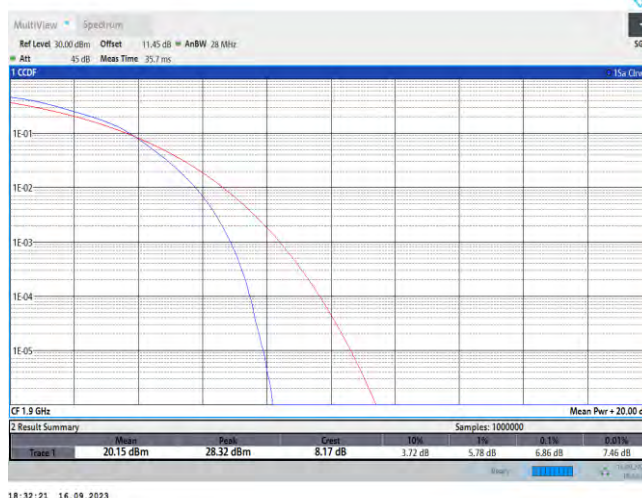
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Band2-20MHz-16QAM-18900-100RB#0



Band2-20MHz-16QAM-19100-100RB#0



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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	1.087	1.29	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.085	1.28	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.089	1.31	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.095	1.31	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.098	1.31	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.099	1.31	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.686	2.92	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.691	2.92	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.692	2.92	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.678	2.87	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.679	2.89	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.679	2.90	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.486	4.98	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.486	5.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.484	4.99	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.486	5.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.489	4.99	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.485	5.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.966	9.46	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.942	9.64	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.936	9.64	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.917	9.84	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.913	10.12	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.909	9.60	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.493	14.76	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.472	15.18	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.463	14.76	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.457	14.82	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.446	14.88	PASS



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Band2	15MHz	16QAM	19125	75RB#0	13.439	14.85	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.973	19.52	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.945	19.48	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.041	19.16	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.926	19.44	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.896	19.92	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.913	19.36	PASS



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Test Graphs

Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-18900-6RB#0



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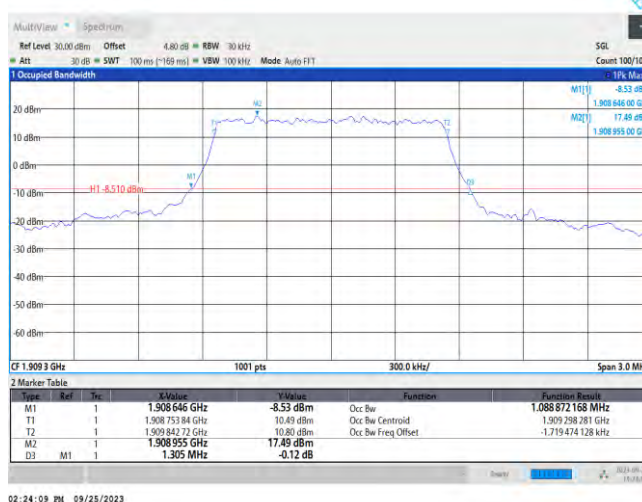
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Band2-1.4MHz-QPSK-19193-6RB#0



Band2-1.4MHz-16QAM-18607-6RB#0



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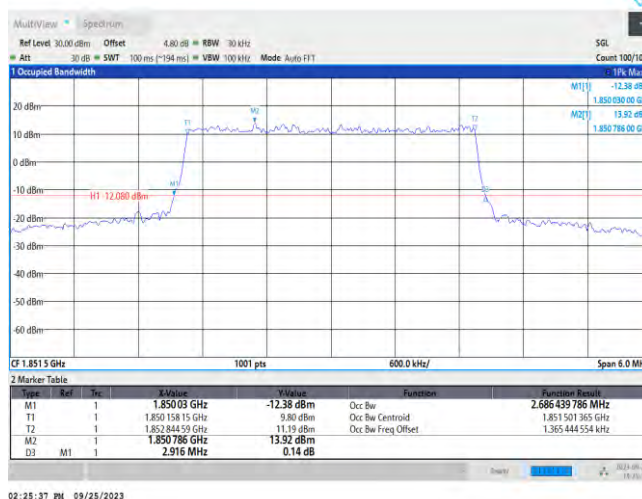
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Band2-3MHz-QPSK-18615-15RB#0



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Band2-3MHz-QPSK-19185-15RB#0



Band2-3MHz-16QAM-18615-15RB#0



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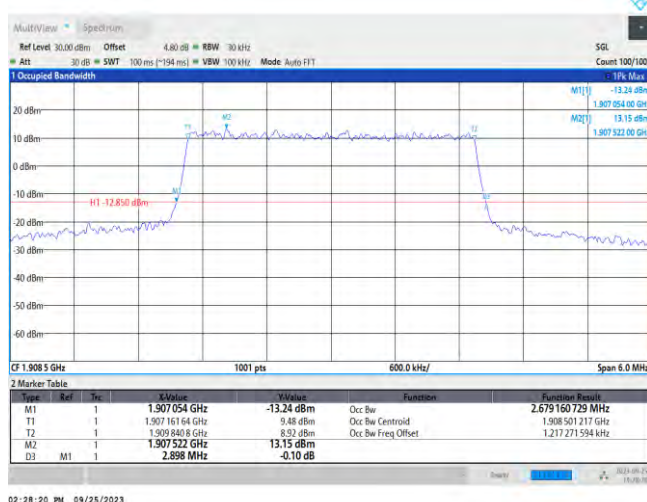
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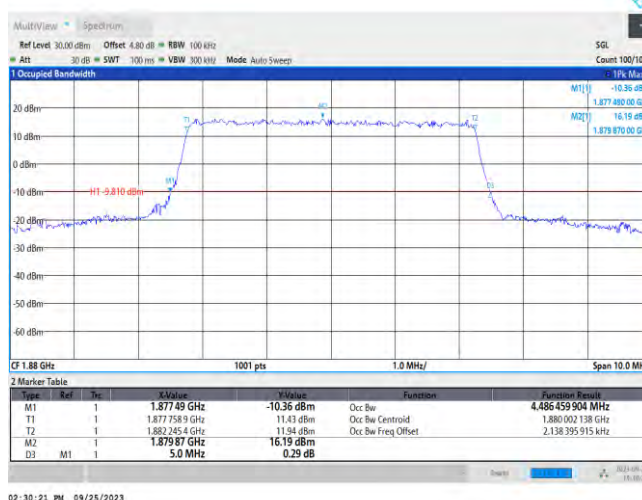
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Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-18900-25RB#0



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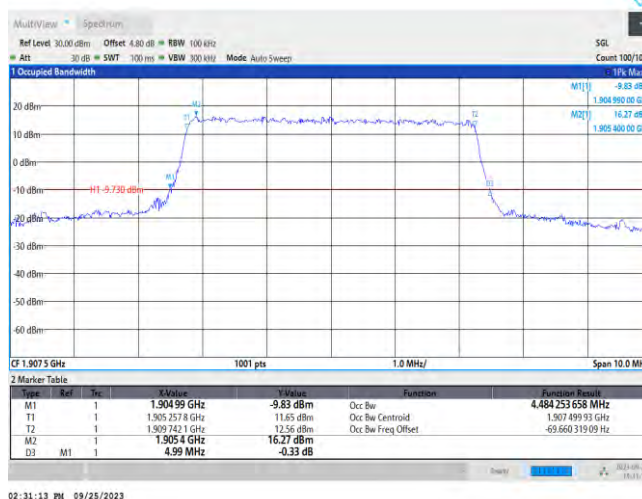
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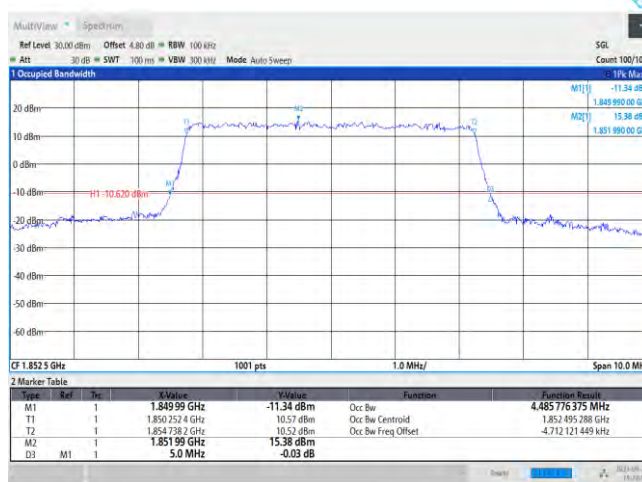
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Band2-5MHz-16QAM-18625-25RB#0



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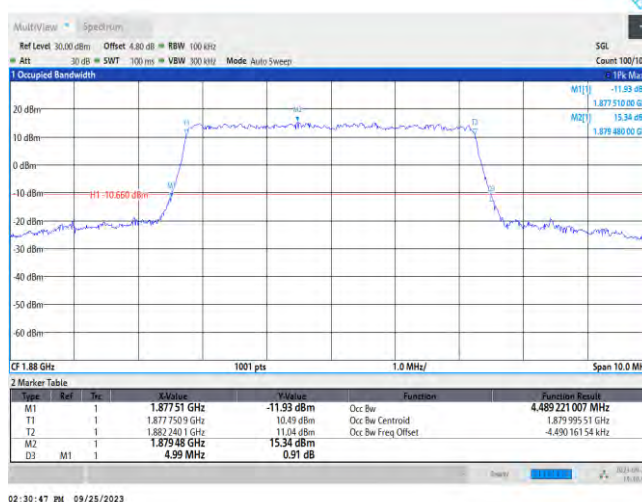
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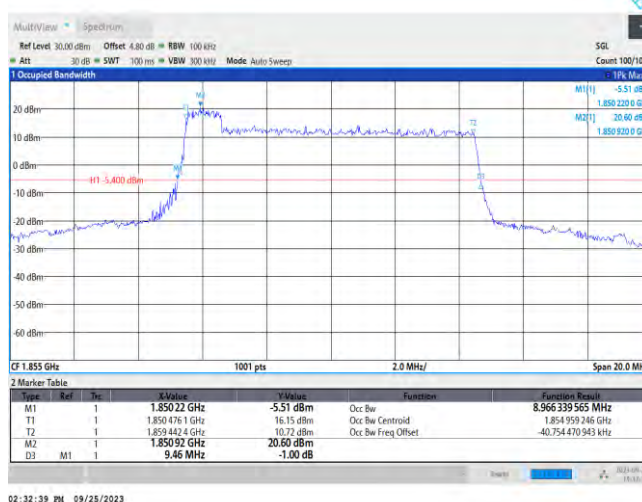
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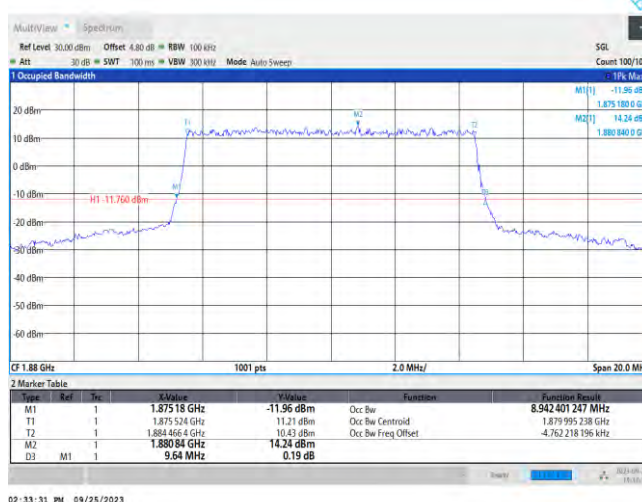
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Band2-10MHz-QPSK-18650-50RB#0



Band2-10MHz-QPSK-18900-50RB#0



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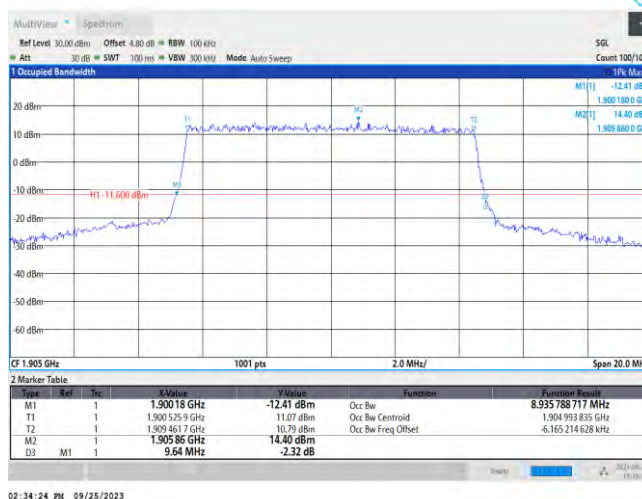
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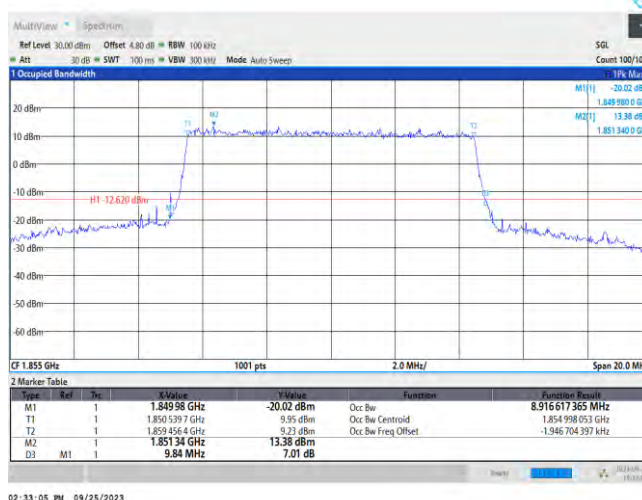
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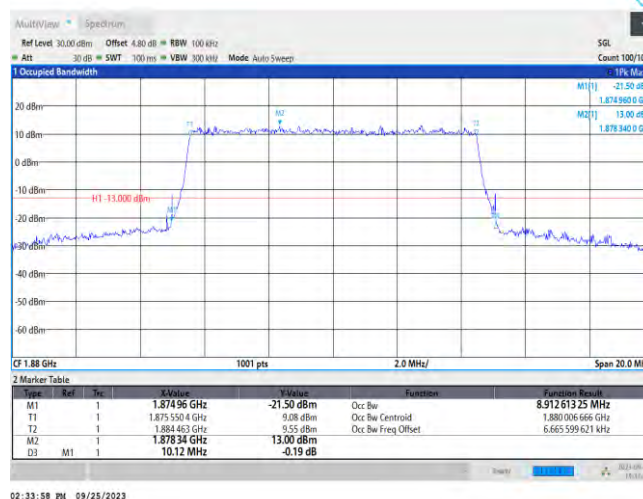
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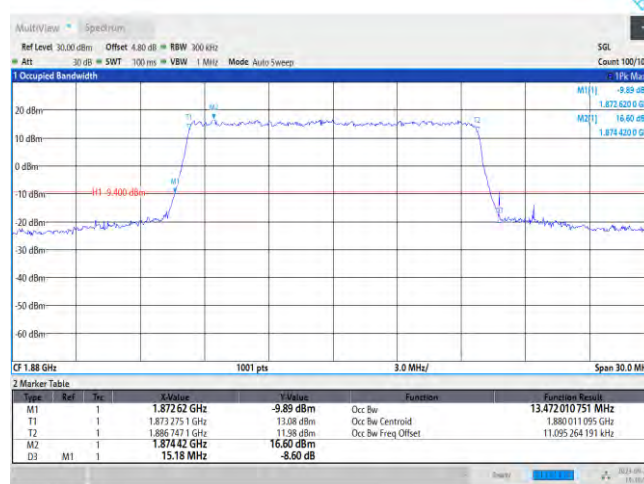
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Band2-15MHz-QPSK-18900-75RB#0



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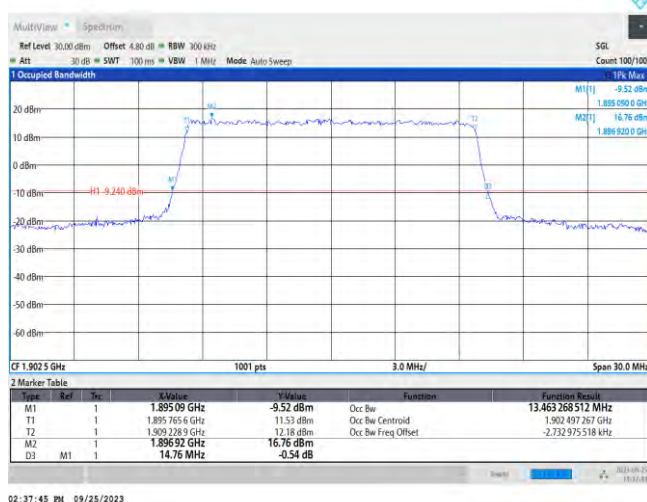
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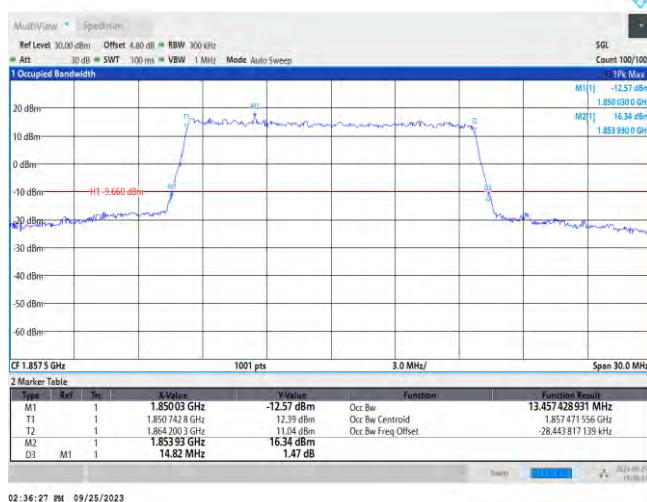
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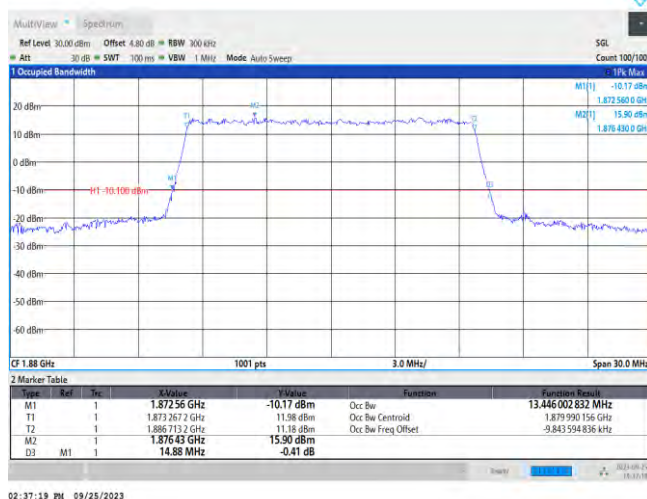
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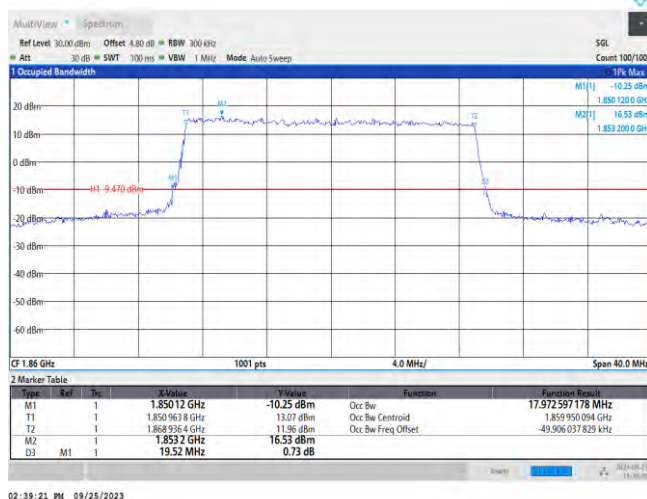
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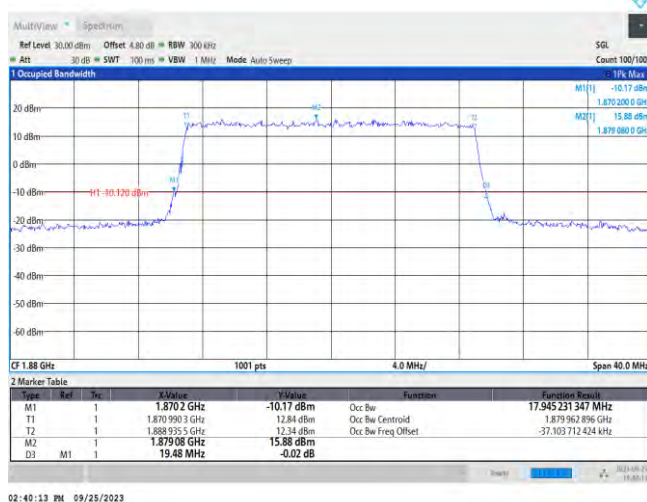
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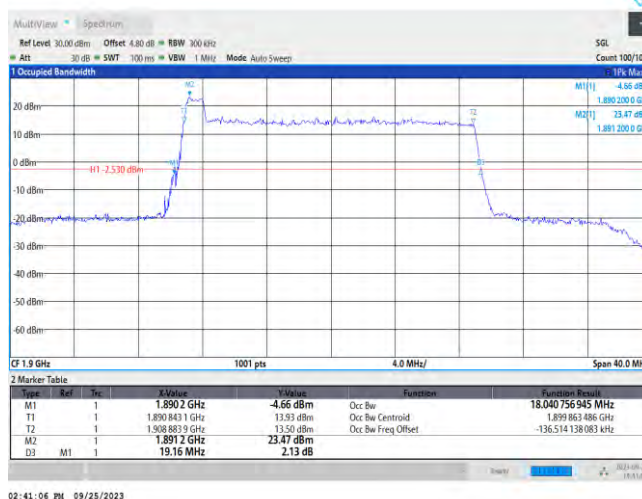
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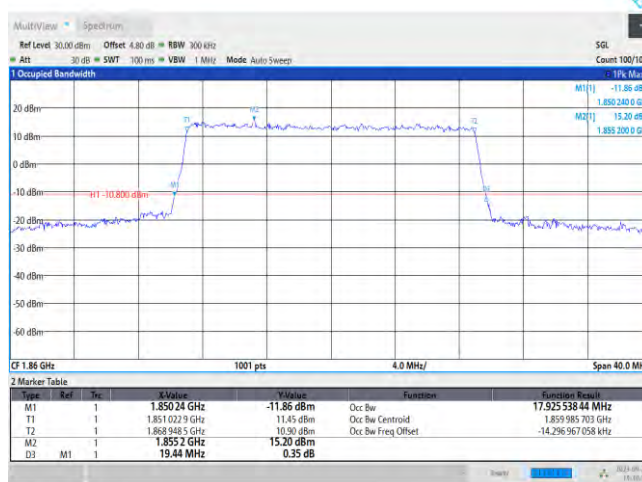
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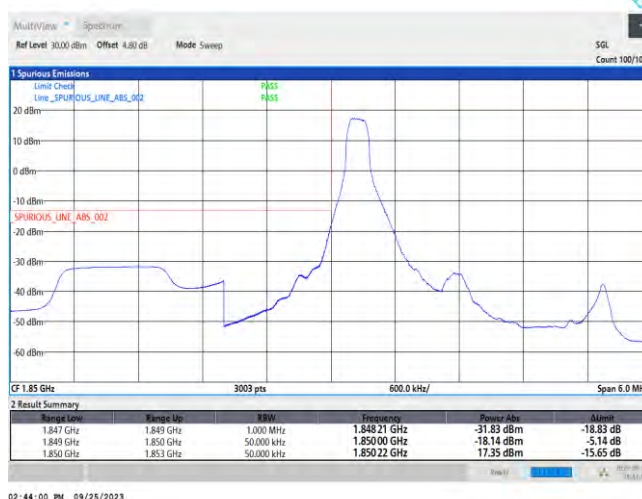
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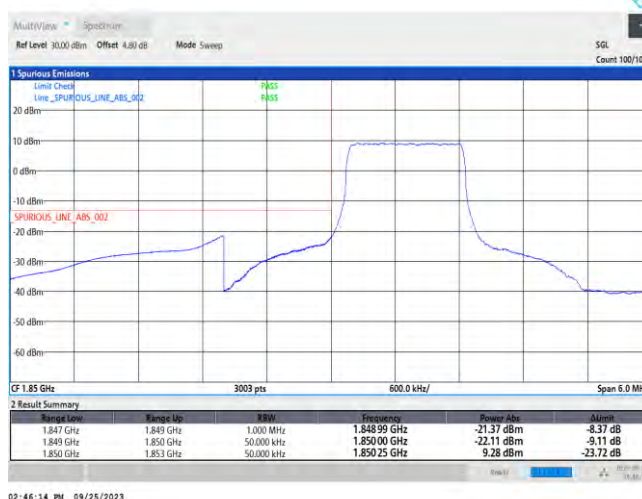
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Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0



Band2-1.4MHz-QPSK-18607-6RB#0



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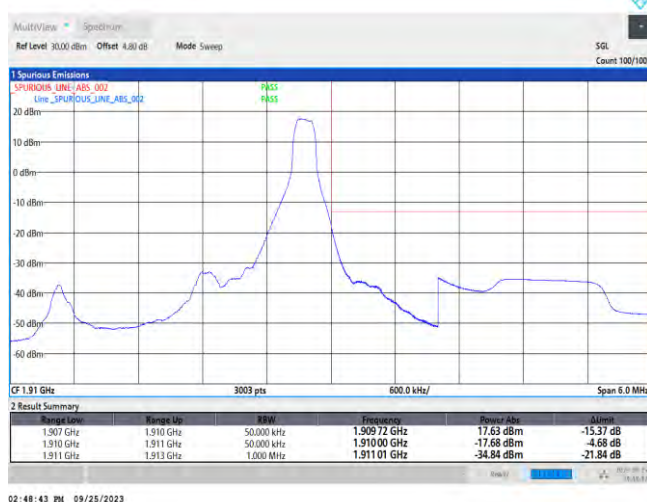
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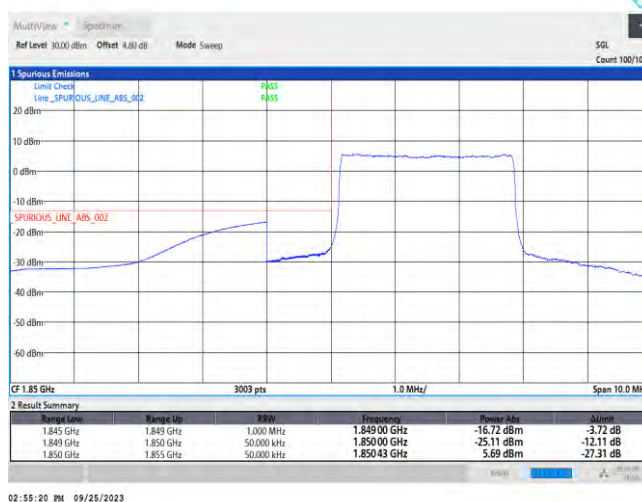
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Band2-3MHz-QPSK-18615-1RB#0



Band2-3MHz-QPSK-18615-15RB#0



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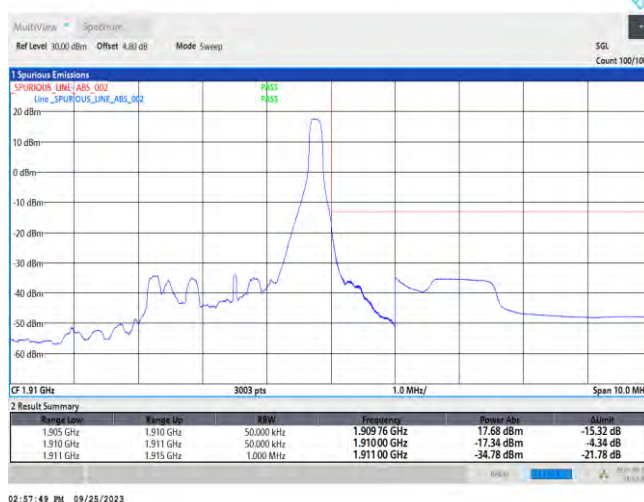
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Band2-3MHz-QPSK-19185-1RB#14



Band2-3MHz-QPSK-19185-15RB#0



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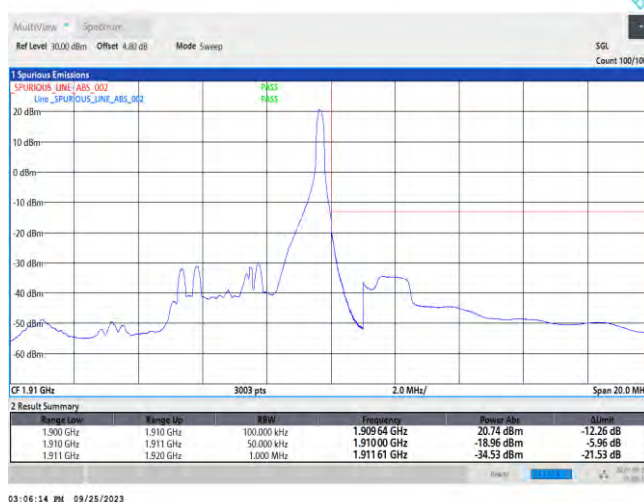
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Band2-5MHz-QPSK-19175-1RB#24



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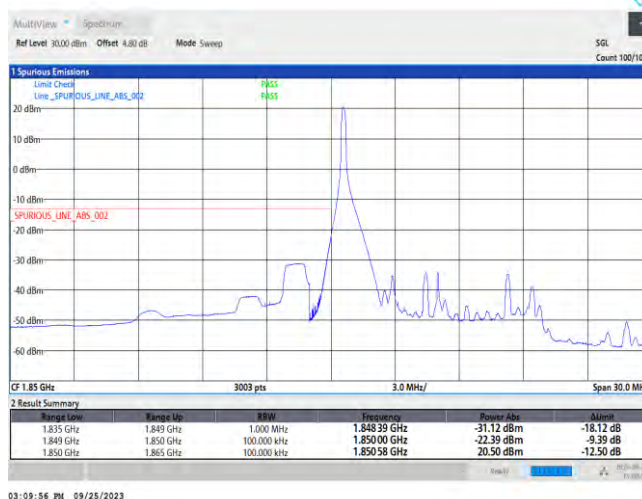
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Band2-10MHz-QPSK-18650-50RB#0



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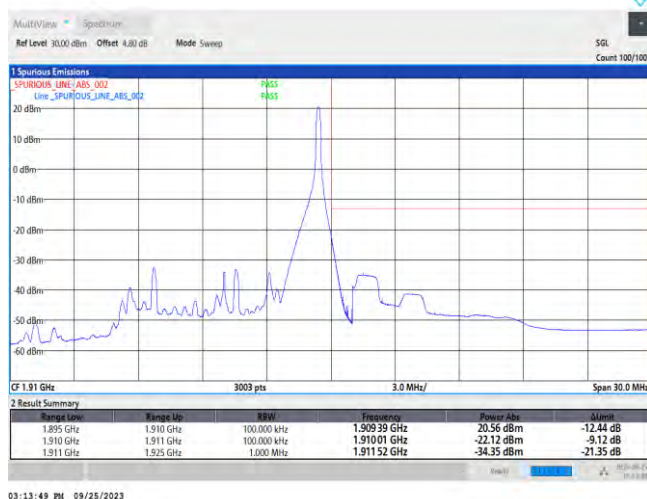
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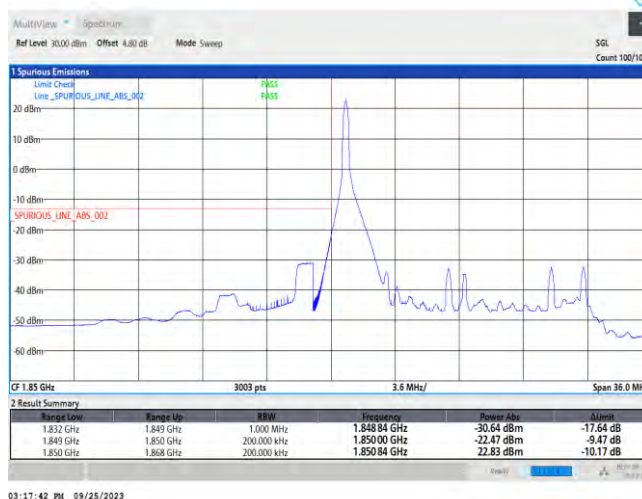
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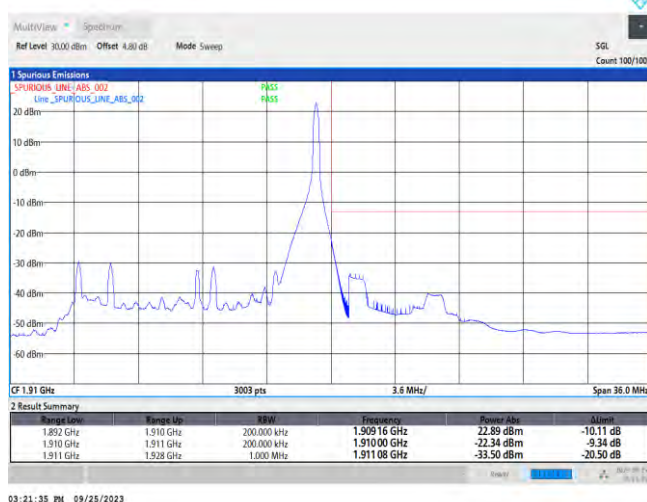
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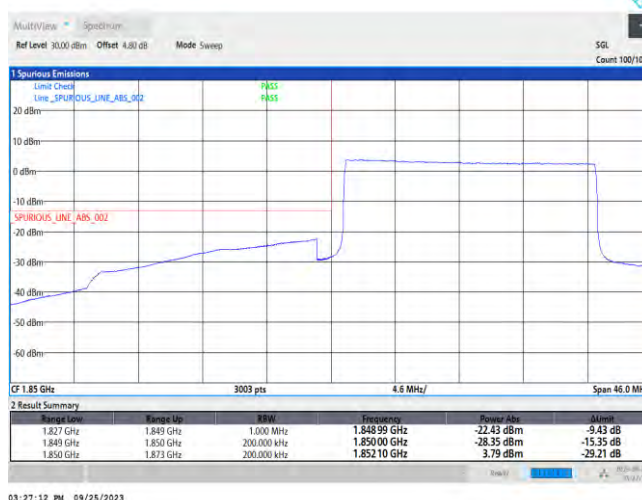
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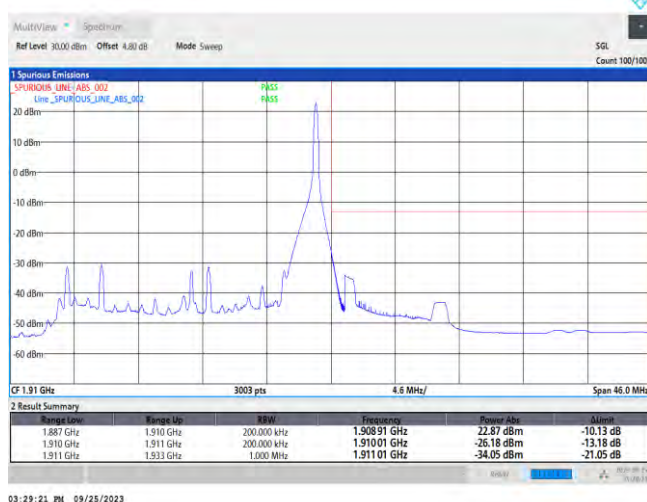
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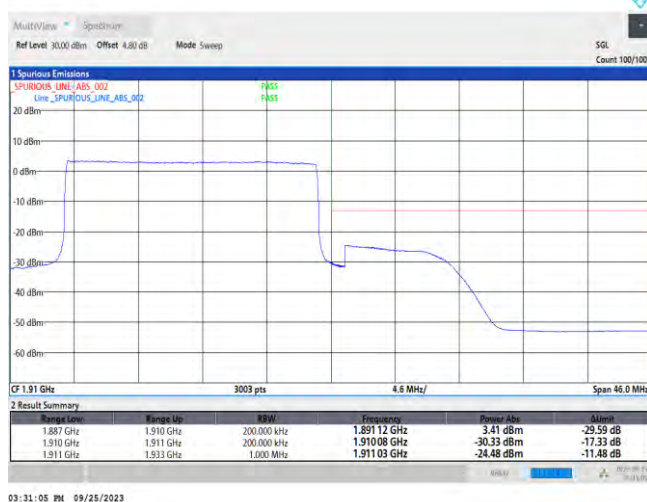
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Report No.: XEWM2309000462RG01

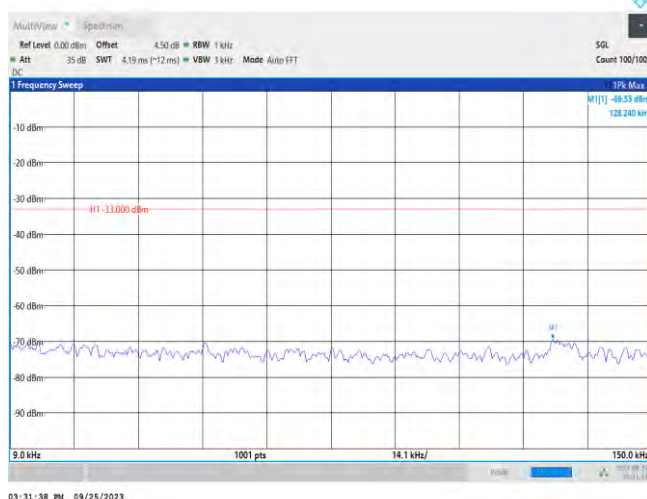
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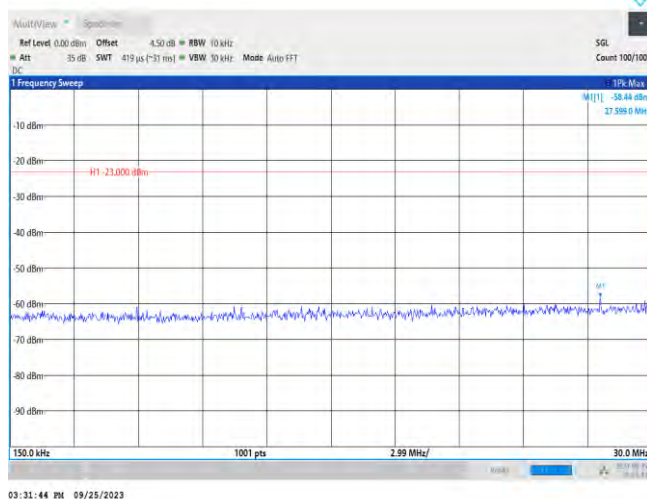
Conducted Spurious Emission

Test Graphs

Band2-20MHz-QPSK-18700-1RB#0-Range1:0.009~0.15MHz



Band2-20MHz-QPSK-18700-1RB#0-Range2:0.15~30MHz



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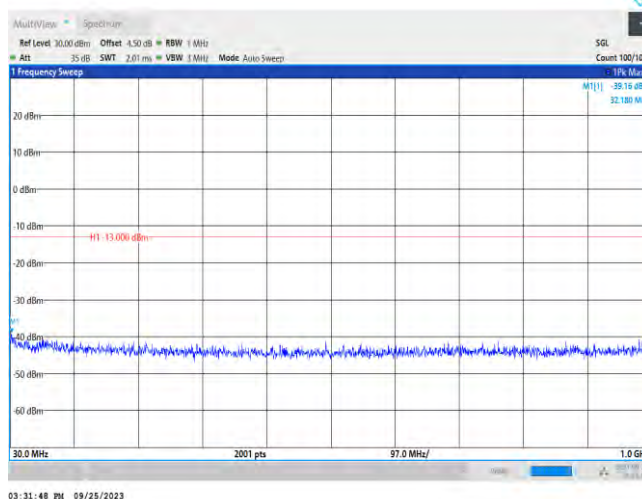
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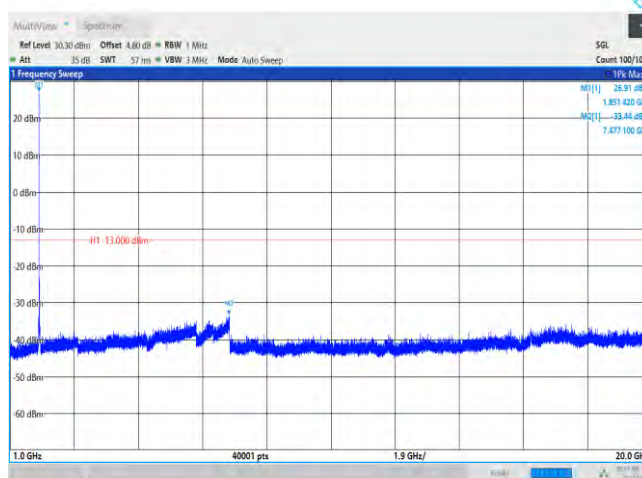
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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



03:31:48 PM 09/25/2023

Band2-20MHz-QPSK-18700-1RB#0-Range4:1000~20000MHz



03:32:06 PM 09/25/2023



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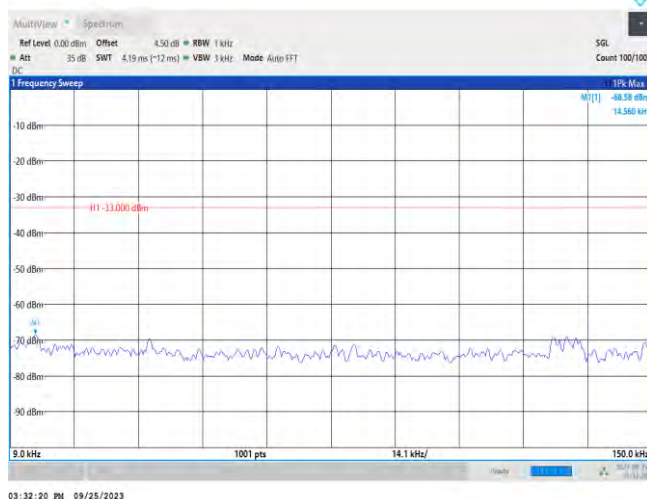
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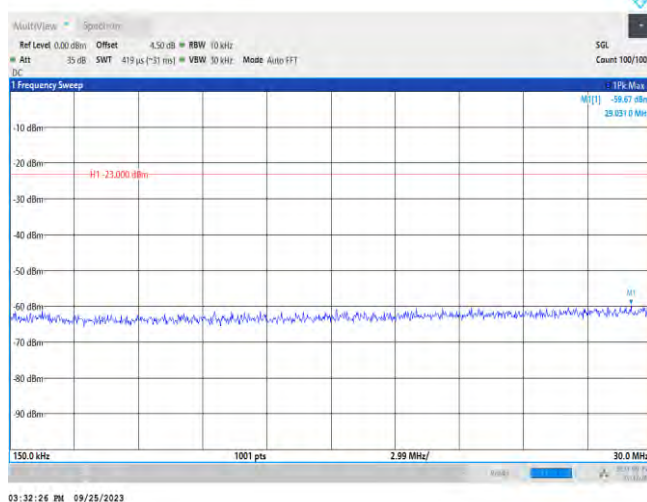
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Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



Band2-20MHz-QPSK-18900-1RB#0-Range2:0.15~30MHz



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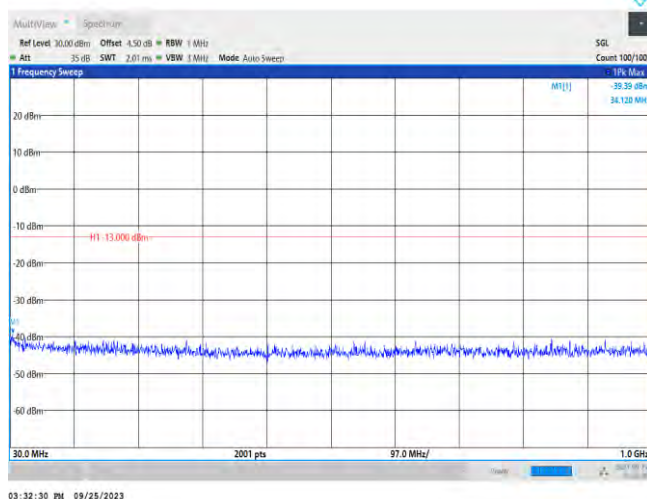
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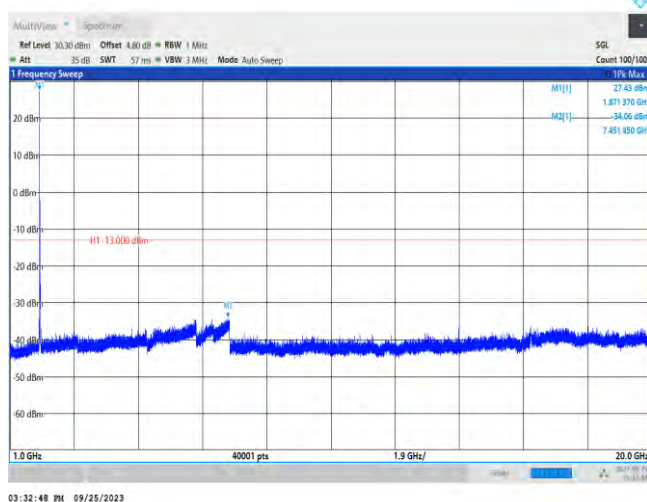
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Band2-20MHz-QPSK-18900-1RB#0-Range3:30~1000MHz



Band2-20MHz-QPSK-18900-1RB#0-Range4:1000~20000MHz



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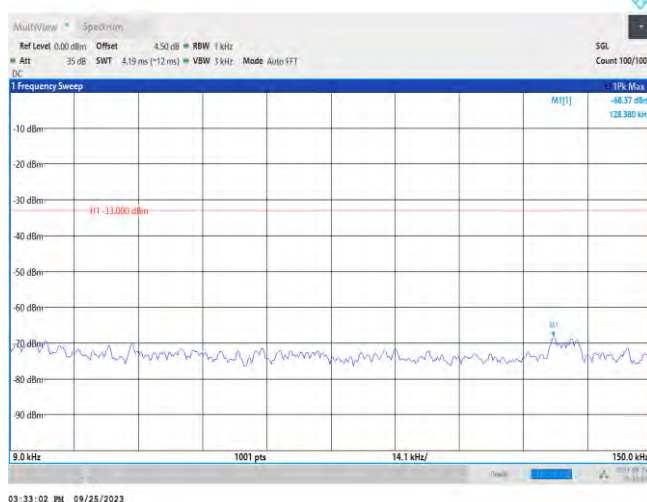
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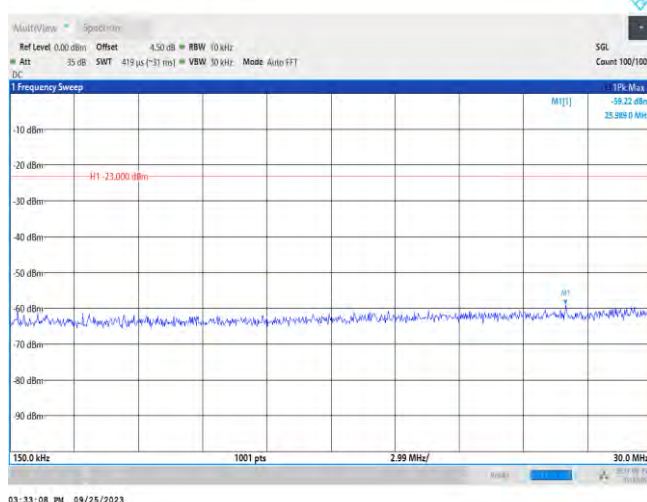
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Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



Band2-20MHz-QPSK-19100-1RB#0-Range2:0.15~30MHz



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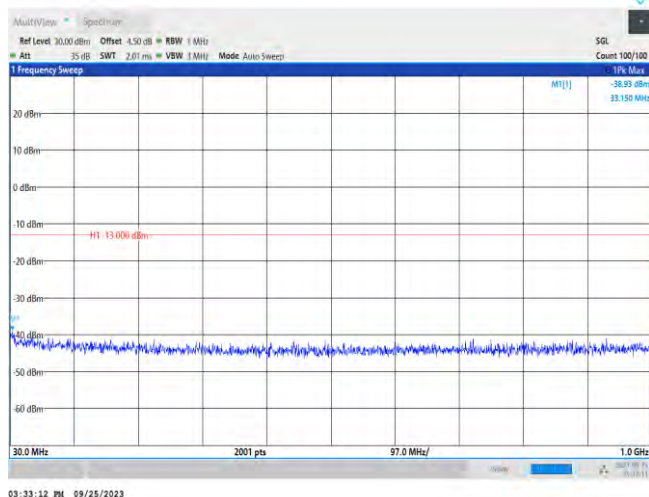
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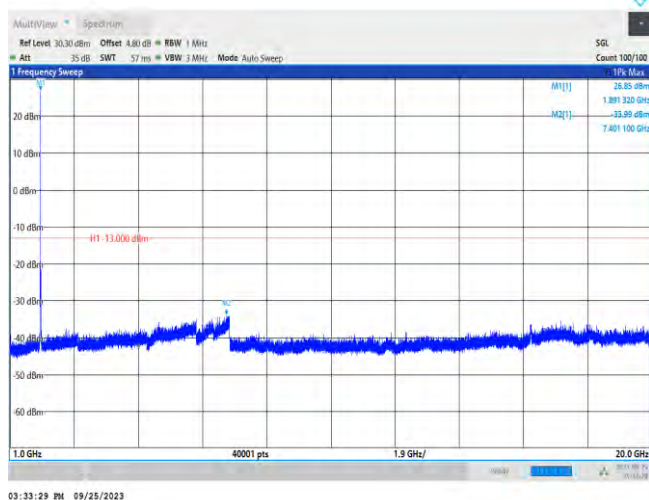
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Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



Band2-20MHz-QPSK-19100-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE_2

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2974.5	37.46	-17.20	28.45	-46.55	-13.00	33.55	Horizontal
2	3702	51.38	-44.52	29.31	-59.09	-13.00	46.09	Horizontal
3	5524.5	49.45	-41.75	32.30	-55.26	-13.00	42.26	Horizontal
4	7493.5	43.89	-38.29	36.89	-52.77	-13.00	39.77	Horizontal
5	11024	42.68	-37.13	40.12	-49.59	-13.00	36.59	Horizontal
6	16365	42.58	-35.01	38.70	-48.99	-13.00	35.99	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2980	37.35	-17.30	28.48	-46.73	-13.00	33.73	Vertical
2	3702	51.97	-44.52	29.31	-58.50	-13.00	45.50	Vertical
3	5524.5	49.61	-41.75	32.30	-55.10	-13.00	42.10	Vertical
4	7379	44.12	-38.41	36.62	-52.93	-13.00	39.93	Vertical
5	9909.5	42.16	-35.21	38.61	-49.70	-13.00	36.70	Vertical
6	17999.5	40.90	-43.04	48.19	-49.21	-13.00	36.21	Vertical



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Test Band = LTE_2

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2980	37.41	-17.30	28.48	-46.67	-13.00	33.67	Horizontal
2	3742.5	50.66	-44.69	29.56	-59.73	-13.00	46.73	Horizontal
3	5524.5	50.11	-41.75	32.30	-54.60	-13.00	41.60	Horizontal
4	7886	43.75	-37.54	36.58	-52.47	-13.00	39.47	Horizontal
5	10936	42.89	-37.27	40.16	-49.48	-13.00	36.48	Horizontal
6	17997.5	40.94	-43.06	48.16	-49.22	-13.00	36.22	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2990.5	37.41	-17.42	28.54	-46.73	-13.00	33.73	Vertical
2	3742	51.70	-44.69	29.55	-58.70	-13.00	45.70	Vertical
3	5524.5	49.09	-41.75	32.30	-55.62	-13.00	42.62	Vertical
4	7425.5	43.94	-38.28	36.75	-52.85	-13.00	39.85	Vertical
5	9888.5	42.21	-35.05	38.51	-49.59	-13.00	36.59	Vertical
6	13642.5	42.75	-37.91	40.14	-50.28	-13.00	37.28	Vertical



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Test Band = LTE_2

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3946	47.28	-44.19	29.88	-62.29	-13.00	49.29	Horizontal
2	5524.5	50.44	-41.75	32.30	-54.27	-13.00	41.27	Horizontal
3	7502	44.11	-38.30	36.88	-52.57	-13.00	39.57	Horizontal
4	10964.5	42.94	-37.14	40.14	-49.32	-13.00	36.32	Horizontal
5	13568	43.24	-37.89	40.04	-49.87	-13.00	36.87	Horizontal
6	17987	41.68	-43.14	47.97	-48.75	-13.00	35.75	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782	48.26	-44.85	29.73	-62.12	-13.00	49.12	Vertical
2	5524.5	49.80	-41.75	32.30	-54.91	-13.00	41.91	Vertical
3	8436.5	43.80	-36.80	36.43	-51.83	-13.00	38.83	Vertical
4	9916	42.62	-35.38	38.62	-49.40	-13.00	36.40	Vertical
5	11825	44.43	-39.04	39.83	-50.04	-13.00	37.04	Vertical
6	17998	41.41	-43.06	48.16	-48.75	-13.00	35.75	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) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-20.37	-0.010835	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-18.25	-0.009707	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-14.36	-0.007638	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-15.92	-0.008468	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-16.12	-0.008574	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-23.76	-0.012638	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-19.51	-0.010378	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-19.53	-0.010388	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-21.34	-0.011351	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-21.34	-0.011351	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-15.39	-0.008186	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-12.66	-0.006734	PASS

---End of Attachment---



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