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Appendix B.4

LTE Band 2



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant31:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.75	21.32	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	22.78	21.35	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.74	21.31	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.81	20.38	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.86	21.43	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.59	21.16	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.65	21.22	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.75	20.32	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.79	21.36	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.73	21.30	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.61	21.18	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.72	20.29	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.01	20.58	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.93	20.50	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.91	20.48	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.78	19.35	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.75	20.32	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.78	20.35	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.89	20.46	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.76	19.33	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.84	20.41	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.88	20.45	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.82	20.39	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.71	19.28	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	22.03	20.60	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.00	19.57	33.00	PASS



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Band2	1.4MHz	64QAM	18607	1RB#5	20.97	19.54	33.00	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	20.05	18.62	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	20.87	19.44	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.11	19.68	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	20.99	19.56	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	19.75	18.32	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	20.98	19.55	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.03	19.60	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	20.87	19.44	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	19.77	18.34	33.00	PASS
Band2	1.4MHz	256QAM	18607	1RB#0	18.01	16.58	33.00	PASS
Band2	1.4MHz	256QAM	18607	1RB#2	17.94	16.51	33.00	PASS
Band2	1.4MHz	256QAM	18607	1RB#5	18.11	16.68	33.00	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	17.74	16.31	33.00	PASS
Band2	1.4MHz	256QAM	18900	1RB#0	17.83	16.40	33.00	PASS
Band2	1.4MHz	256QAM	18900	1RB#2	18.27	16.84	33.00	PASS
Band2	1.4MHz	256QAM	18900	1RB#5	17.76	16.33	33.00	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	17.83	16.40	33.00	PASS
Band2	1.4MHz	256QAM	19193	1RB#0	17.84	16.41	33.00	PASS
Band2	1.4MHz	256QAM	19193	1RB#2	17.89	16.46	33.00	PASS
Band2	1.4MHz	256QAM	19193	1RB#5	17.72	16.29	33.00	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	17.63	16.20	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.89	21.46	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.86	21.43	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.66	21.23	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.92	20.49	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.84	21.41	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.77	21.34	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.62	21.19	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.76	20.33	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.79	21.36	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.78	21.35	33.00	PASS



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Band2	3MHz	QPSK	19185	1RB#14	22.65	21.22	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.80	20.37	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.14	20.71	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.16	20.73	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.05	20.62	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.83	19.40	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.89	20.46	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.99	20.56	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.83	20.40	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.75	19.32	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.78	20.35	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.04	20.61	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.70	20.27	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.80	19.37	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.14	19.71	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.26	19.83	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	20.99	19.56	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.07	18.64	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	20.95	19.52	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	21.15	19.72	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	20.92	19.49	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	19.81	18.38	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.22	19.79	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	20.94	19.51	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	20.93	19.50	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	19.89	18.46	33.00	PASS
Band2	3MHz	256QAM	18615	1RB#0	18.05	16.62	33.00	PASS
Band2	3MHz	256QAM	18615	1RB#8	18.10	16.67	33.00	PASS
Band2	3MHz	256QAM	18615	1RB#14	18.09	16.66	33.00	PASS
Band2	3MHz	256QAM	18615	15RB#0	17.98	16.55	33.00	PASS
Band2	3MHz	256QAM	18900	1RB#0	17.83	16.40	33.00	PASS
Band2	3MHz	256QAM	18900	1RB#8	18.04	16.61	33.00	PASS



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Band2	3MHz	256QAM	18900	1RB#14	17.76	16.33	33.00	PASS
Band2	3MHz	256QAM	18900	15RB#0	17.76	16.33	33.00	PASS
Band2	3MHz	256QAM	19185	1RB#0	18.10	16.67	33.00	PASS
Band2	3MHz	256QAM	19185	1RB#8	17.68	16.25	33.00	PASS
Band2	3MHz	256QAM	19185	1RB#14	17.99	16.56	33.00	PASS
Band2	3MHz	256QAM	19185	15RB#0	17.80	16.37	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.84	21.41	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.65	21.22	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.79	21.36	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.89	20.46	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.89	21.46	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.40	20.97	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.75	21.32	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.78	20.35	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.98	21.55	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.69	21.26	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.69	21.26	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.90	20.47	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.99	20.56	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.13	20.70	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.15	20.72	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.96	19.53	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.97	20.54	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.97	20.54	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.05	20.62	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.75	19.32	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.05	20.62	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.07	20.64	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.83	20.40	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.78	19.35	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.12	19.69	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.06	19.63	33.00	PASS



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Band2	5MHz	64QAM	18625	1RB#24	21.18	19.75	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	19.91	18.48	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	20.97	19.54	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	20.99	19.56	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.00	19.57	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	19.89	18.46	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.09	19.66	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	20.85	19.42	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.01	19.58	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	19.86	18.43	33.00	PASS
Band2	5MHz	256QAM	18625	1RB#0	17.94	16.51	33.00	PASS
Band2	5MHz	256QAM	18625	1RB#12	17.90	16.47	33.00	PASS
Band2	5MHz	256QAM	18625	1RB#24	18.06	16.63	33.00	PASS
Band2	5MHz	256QAM	18625	25RB#0	17.89	16.46	33.00	PASS
Band2	5MHz	256QAM	18900	1RB#0	18.07	16.64	33.00	PASS
Band2	5MHz	256QAM	18900	1RB#12	17.96	16.53	33.00	PASS
Band2	5MHz	256QAM	18900	1RB#24	17.85	16.42	33.00	PASS
Band2	5MHz	256QAM	18900	25RB#0	17.84	16.41	33.00	PASS
Band2	5MHz	256QAM	19175	1RB#0	17.97	16.54	33.00	PASS
Band2	5MHz	256QAM	19175	1RB#12	18.03	16.60	33.00	PASS
Band2	5MHz	256QAM	19175	1RB#24	18.05	16.62	33.00	PASS
Band2	5MHz	256QAM	19175	25RB#0	17.86	16.43	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.88	21.45	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.80	21.37	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.83	21.40	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.93	20.50	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.87	21.44	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.76	21.33	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.72	21.29	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.82	20.39	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.93	21.50	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.70	21.27	33.00	PASS



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Band2	10MHz	QPSK	19150	1RB#49	22.66	21.23	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.80	20.37	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.98	20.55	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.00	20.57	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.97	20.54	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.91	19.48	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.17	20.74	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.88	20.45	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.96	20.53	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.80	19.37	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.19	20.76	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.88	20.45	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.73	20.30	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.85	19.42	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.30	19.87	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.15	19.72	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.03	19.60	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	19.93	18.50	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.08	19.65	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.06	19.63	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.07	19.64	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	19.83	18.40	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.02	19.59	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	21.06	19.63	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	20.91	19.48	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	19.88	18.45	33.00	PASS
Band2	10MHz	256QAM	18650	1RB#0	18.01	16.58	33.00	PASS
Band2	10MHz	256QAM	18650	1RB#24	17.97	16.54	33.00	PASS
Band2	10MHz	256QAM	18650	1RB#49	18.03	16.60	33.00	PASS
Band2	10MHz	256QAM	18650	50RB#0	17.92	16.49	33.00	PASS
Band2	10MHz	256QAM	18900	1RB#0	17.84	16.41	33.00	PASS
Band2	10MHz	256QAM	18900	1RB#24	18.01	16.58	33.00	PASS



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Band2	10MHz	256QAM	18900	1RB#49	18.01	16.58	33.00	PASS
Band2	10MHz	256QAM	18900	50RB#0	17.84	16.41	33.00	PASS
Band2	10MHz	256QAM	19150	1RB#0	17.79	16.36	33.00	PASS
Band2	10MHz	256QAM	19150	1RB#24	17.98	16.55	33.00	PASS
Band2	10MHz	256QAM	19150	1RB#49	17.90	16.47	33.00	PASS
Band2	10MHz	256QAM	19150	50RB#0	17.82	16.39	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.57	21.14	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.69	21.26	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.66	21.23	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.88	20.45	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.83	21.40	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.60	21.17	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.61	21.18	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.67	20.24	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.82	21.39	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.54	21.11	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.59	21.16	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.66	20.23	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.90	20.47	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.92	20.49	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.05	20.62	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.80	19.37	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.92	20.49	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.78	20.35	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.92	20.49	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.72	19.29	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.11	20.68	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.82	20.39	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.95	20.52	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.66	19.23	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	20.93	19.50	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	20.97	19.54	33.00	PASS



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Band2	15MHz	64QAM	18675	1RB#74	20.96	19.53	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	19.84	18.41	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	20.73	19.30	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	20.87	19.44	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	20.96	19.53	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	19.78	18.35	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	20.75	19.32	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	20.93	19.50	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	20.85	19.42	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	19.75	18.32	33.00	PASS
Band2	15MHz	256QAM	18675	1RB#0	17.83	16.40	33.00	PASS
Band2	15MHz	256QAM	18675	1RB#38	17.67	16.24	33.00	PASS
Band2	15MHz	256QAM	18675	1RB#74	17.97	16.54	33.00	PASS
Band2	15MHz	256QAM	18675	75RB#0	17.82	16.39	33.00	PASS
Band2	15MHz	256QAM	18900	1RB#0	17.64	16.21	33.00	PASS
Band2	15MHz	256QAM	18900	1RB#38	17.91	16.48	33.00	PASS
Band2	15MHz	256QAM	18900	1RB#74	17.79	16.36	33.00	PASS
Band2	15MHz	256QAM	18900	75RB#0	17.72	16.29	33.00	PASS
Band2	15MHz	256QAM	19125	1RB#0	17.58	16.15	33.00	PASS
Band2	15MHz	256QAM	19125	1RB#38	17.67	16.24	33.00	PASS
Band2	15MHz	256QAM	19125	1RB#74	17.60	16.17	33.00	PASS
Band2	15MHz	256QAM	19125	75RB#0	17.74	16.31	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.50	21.07	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.58	21.15	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.67	21.24	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.75	20.32	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.89	21.46	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.61	21.18	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.62	21.19	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.75	20.32	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.87	21.44	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.56	21.13	33.00	PASS



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Band2	20MHz	QPSK	19100	1RB#99	22.61	21.18	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.75	20.32	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.93	20.50	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.79	20.36	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.87	20.44	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.78	19.35	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.94	20.51	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.91	20.48	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.92	20.49	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.75	19.32	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.11	20.68	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.81	20.38	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.93	20.50	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.79	19.36	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	20.71	19.28	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	20.88	19.45	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	20.84	19.41	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	19.78	18.35	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	20.81	19.38	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	20.86	19.43	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	20.97	19.54	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	19.78	18.35	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	20.82	19.39	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	20.86	19.43	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	20.83	19.40	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	19.76	18.33	33.00	PASS
Band2	20MHz	256QAM	18700	1RB#0	17.53	16.10	33.00	PASS
Band2	20MHz	256QAM	18700	1RB#49	17.92	16.49	33.00	PASS
Band2	20MHz	256QAM	18700	1RB#99	17.85	16.42	33.00	PASS
Band2	20MHz	256QAM	18700	100RB#0	17.78	16.35	33.00	PASS
Band2	20MHz	256QAM	18900	1RB#0	17.61	16.18	33.00	PASS
Band2	20MHz	256QAM	18900	1RB#49	17.84	16.41	33.00	PASS



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Band2	20MHz	256QAM	18900	1RB#99	17.74	16.31	33.00	PASS
Band2	20MHz	256QAM	18900	100RB#0	17.71	16.28	33.00	PASS
Band2	20MHz	256QAM	19100	1RB#0	17.60	16.17	33.00	PASS
Band2	20MHz	256QAM	19100	1RB#49	17.79	16.36	33.00	PASS
Band2	20MHz	256QAM	19100	1RB#99	17.89	16.46	33.00	PASS
Band2	20MHz	256QAM	19100	100RB#0	17.76	16.33	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	5.00	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.64	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.52	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.72	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.68	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.72	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.28	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.26	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.22	13	PASS
Band2	20MHz	256QAM	18700	100RB#0	6.22	13	PASS
Band2	20MHz	256QAM	18900	100RB#0	6.26	13	PASS
Band2	20MHz	256QAM	19100	100RB#0	6.22	13	PASS



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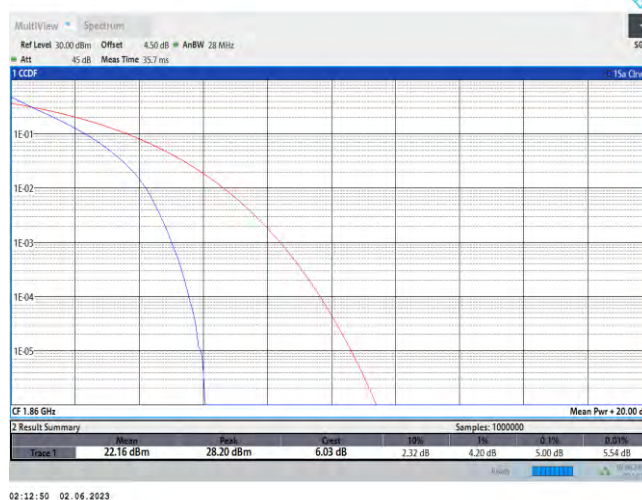
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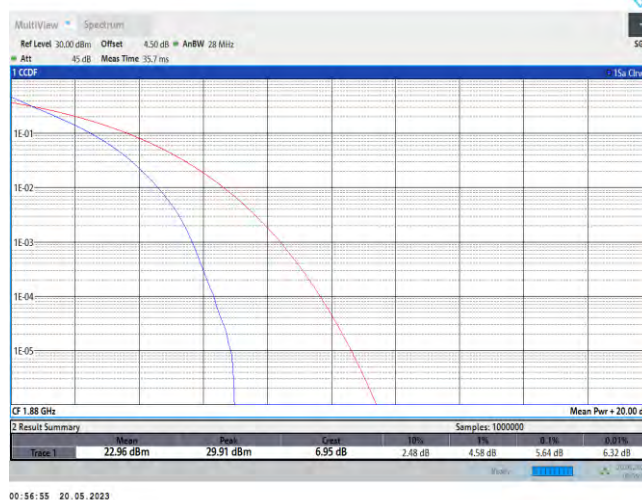
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Test Graphs

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



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



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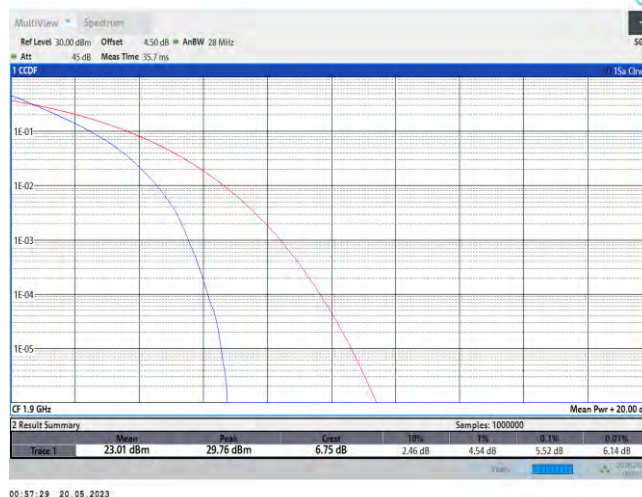
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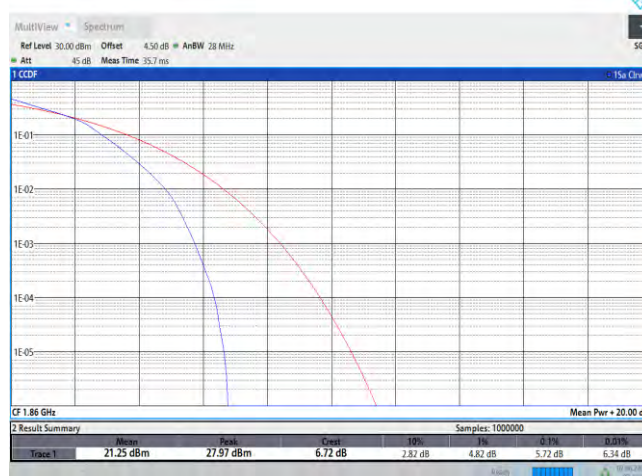
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Band2-20MHz-QPSK-19100-100RB#0



00:57:29 20.05.2023

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



02:13:07 02.06.2023



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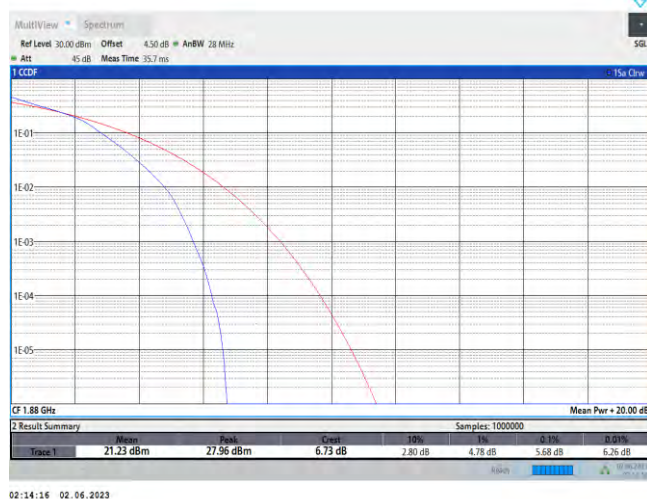
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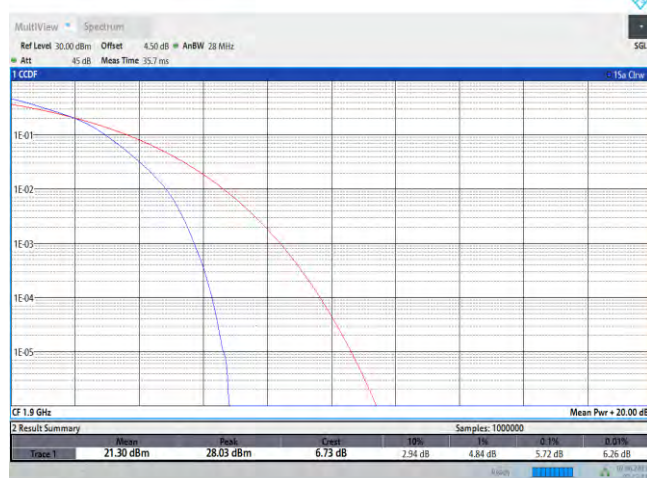
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Band2-20MHz-16QAM-18900-100RB#0



02:14:16 02.06.2023

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



02:15:25 02.06.2023



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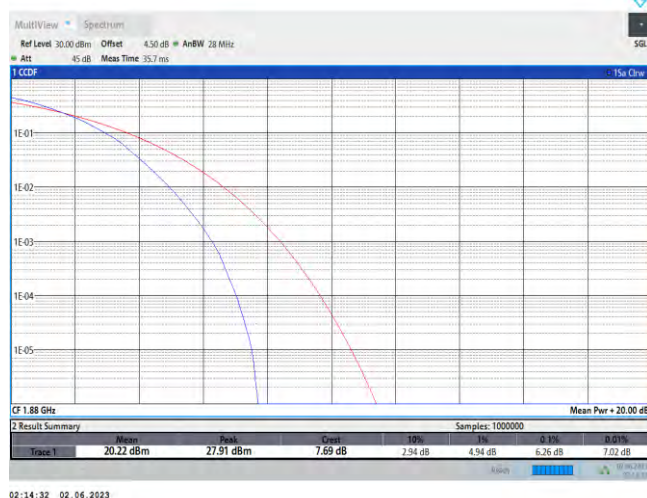
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Band2-20MHz-64QAM-18700-100RB#0



Band2-20MHz-64QAM-18900-100RB#0



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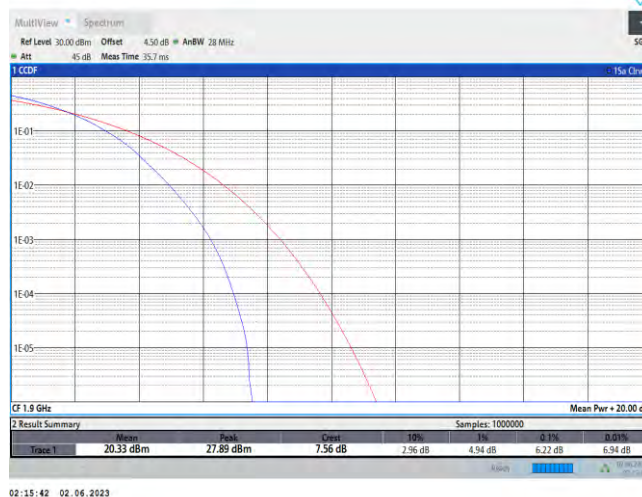
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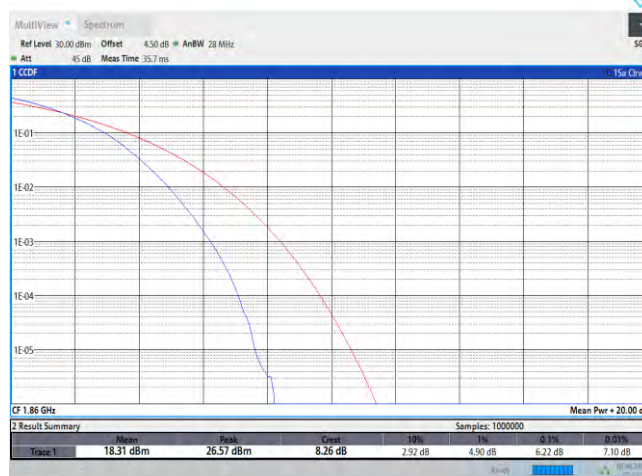
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Band2-20MHz-64QAM-19100-100RB#0



02:15:42 02.06.2023

Band2-20MHz-256QAM-18700-100RB#0



02:13:40 02.06.2023



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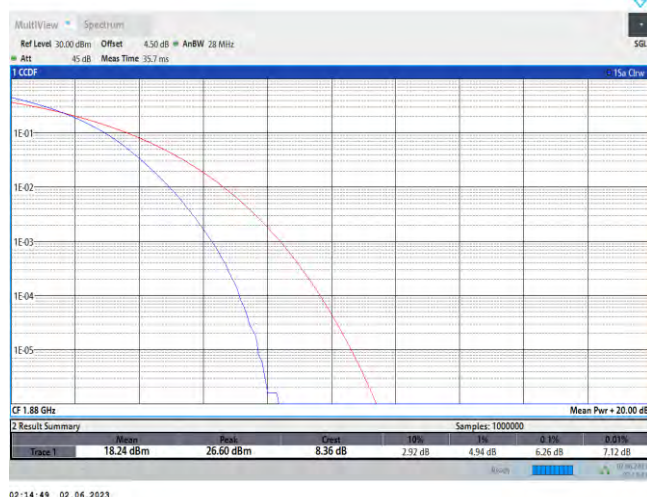
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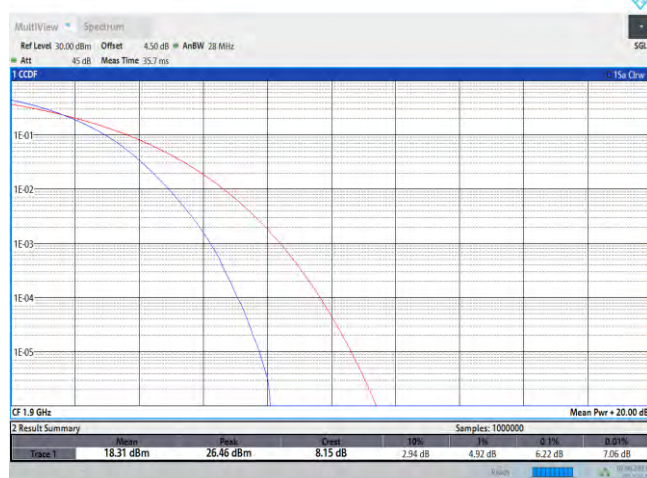
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Band2-20MHz-256QAM-18900-100RB#0



02:14:49 02.06.2023

Band2-20MHz-256QAM-19100-100RB#0



02:15:58 02.06.2023



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band2	20MHz	QPSK	18900	100RB#0	PASS	PASS
Band2	20MHz	16QAM	18900	100RB#0	PASS	PASS
Band2	20MHz	64QAM	18900	100RB#0	PASS	PASS
Band2	20MHz	256QAM	18900	100RB#0	PASS	PASS



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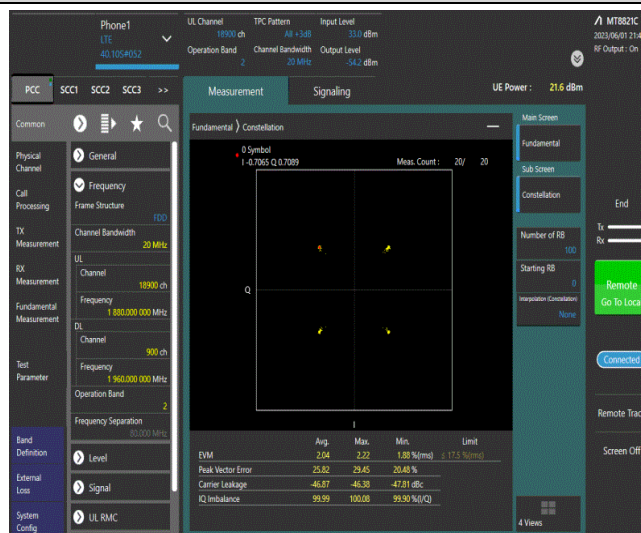
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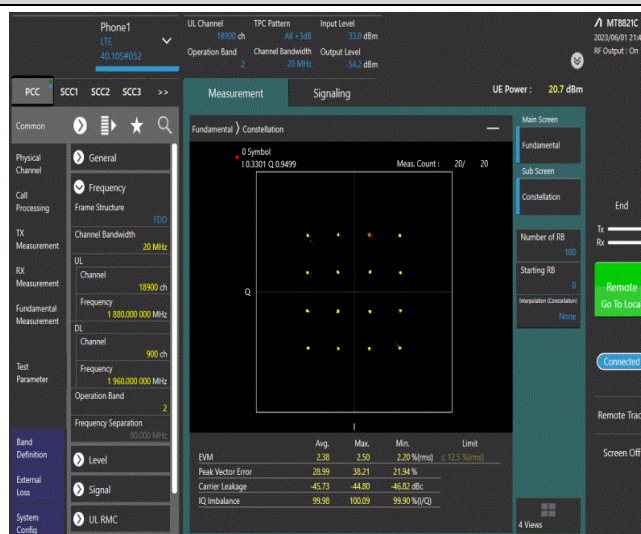
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Test Graphs

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



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



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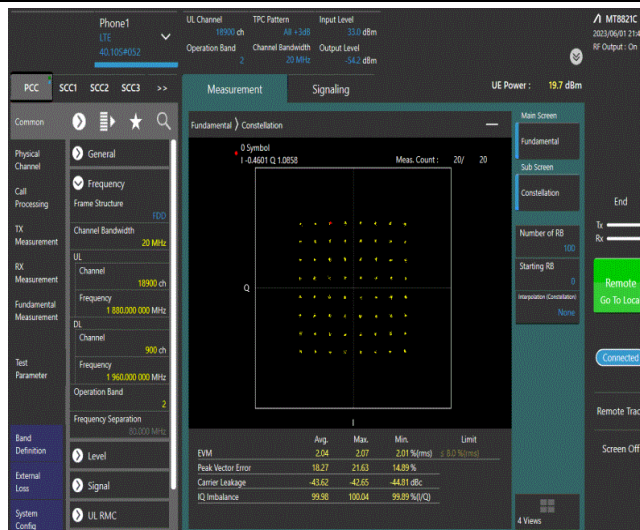
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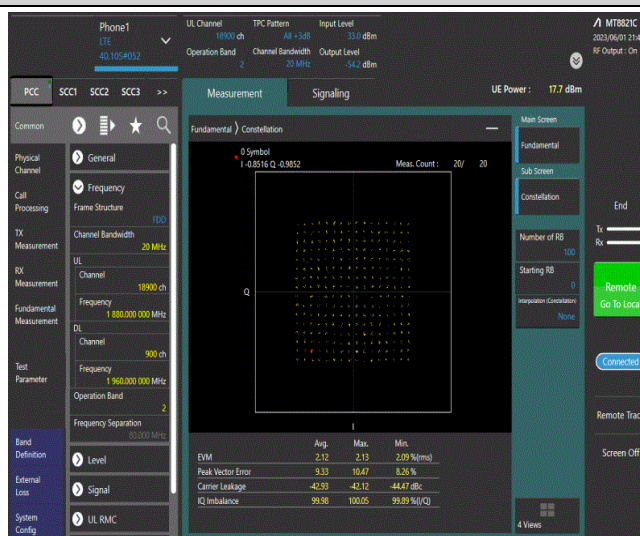
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Band2-20MHz-64QAM-18900-100RB#0



Band2-20MHz-256QAM-18900-100RB#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	1.090	1.24	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.093	1.24	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.092	1.24	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.095	1.24	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.083	1.23	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.095	1.25	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.084	1.23	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.096	1.24	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.092	1.24	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	1.088	1.24	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	1.087	1.24	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	1.091	1.24	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.700	2.99	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.692	2.99	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.703	2.98	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.689	2.97	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.704	2.98	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.696	3.01	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.694	2.98	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.704	2.98	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.697	2.95	PASS
Band2	3MHz	256QAM	18615	15RB#0	2.690	3.03	PASS
Band2	3MHz	256QAM	18900	15RB#0	2.704	2.95	PASS
Band2	3MHz	256QAM	19185	15RB#0	2.697	2.96	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.478	4.87	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.467	4.86	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.463	4.82	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.485	4.85	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.467	4.78	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.483	4.88	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.479	4.84	PASS



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Band2	5MHz	64QAM	18900	25RB#0	4.492	4.86	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.470	4.93	PASS
Band2	5MHz	256QAM	18625	25RB#0	4.473	4.87	PASS
Band2	5MHz	256QAM	18900	25RB#0	4.477	4.92	PASS
Band2	5MHz	256QAM	19175	25RB#0	4.467	4.90	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.960	9.64	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.938	9.68	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.943	9.54	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.930	9.56	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.960	9.58	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.961	9.48	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.947	9.60	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.928	9.56	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.947	9.74	PASS
Band2	10MHz	256QAM	18650	50RB#0	8.968	9.66	PASS
Band2	10MHz	256QAM	18900	50RB#0	8.921	9.60	PASS
Band2	10MHz	256QAM	19150	50RB#0	8.926	9.62	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.438	14.55	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.449	14.37	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.444	14.43	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.477	14.64	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.465	14.58	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.456	14.43	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.490	14.25	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.531	14.52	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.475	14.49	PASS
Band2	15MHz	256QAM	18675	75RB#0	13.477	14.55	PASS
Band2	15MHz	256QAM	18900	75RB#0	13.452	14.52	PASS
Band2	15MHz	256QAM	19125	75RB#0	13.443	14.58	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.867	19.12	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.855	19.28	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.862	19.08	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.861	19.20	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.922	19.24	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.865	19.28	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.896	19.32	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.938	18.96	PASS



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Band2	20MHz	64QAM	19100	100RB#0	17.861	19.20	PASS
Band2	20MHz	256QAM	18700	100RB#0	17.902	19.20	PASS
Band2	20MHz	256QAM	18900	100RB#0	17.904	19.28	PASS
Band2	20MHz	256QAM	19100	100RB#0	17.831	19.20	PASS



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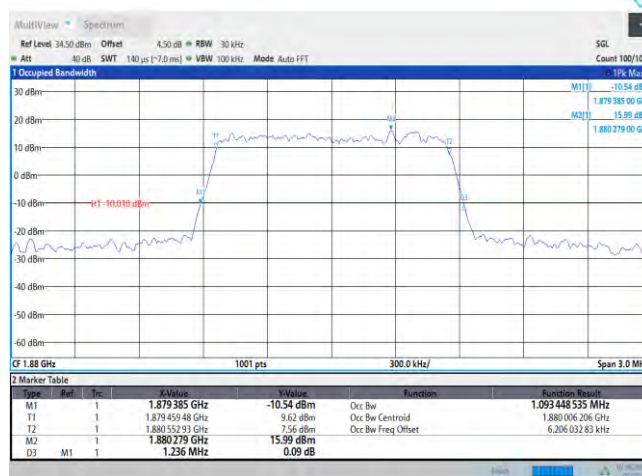
Test Graphs

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



01:03:26 02.06.2023

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



01:04:28 02.06.2023



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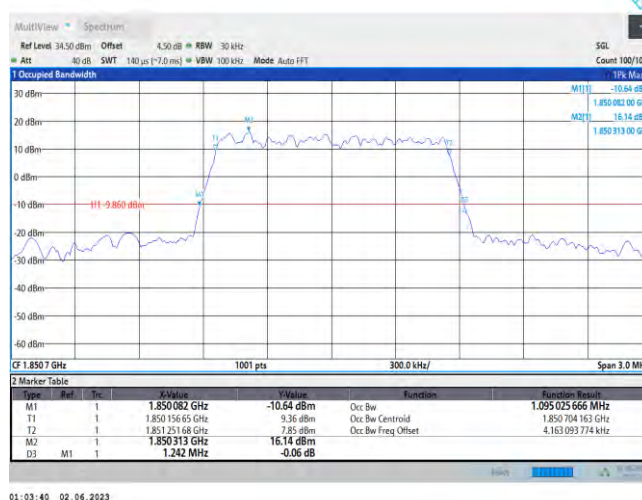
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Band2-1.4MHz-QPSK-19193-6RB#0



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



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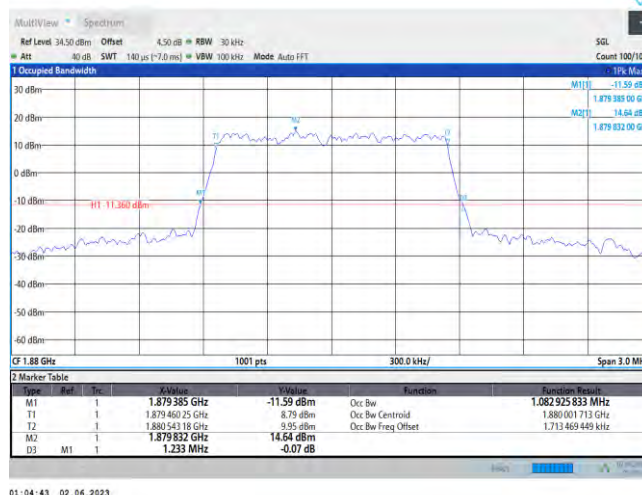
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Band2-1.4MHz-16QAM-19193-6RB#0



01:05:45 02.06.2023



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Band2-1.4MHz-64QAM-18607-6RB#0



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Band2-1.4MHz-64QAM-18900-6RB#0



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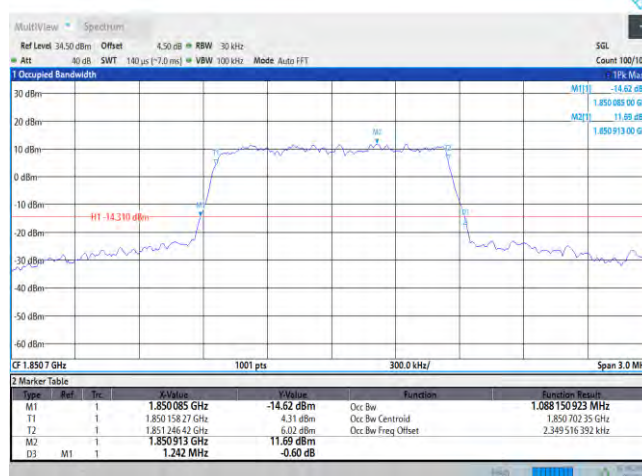
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Band2-1.4MHz-64QAM-19193-6RB#0



01:06:00 02.06.2023

Band2-1.4MHz-256QAM-18607-6RB#0



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Band2-1.4MHz-256QAM-18900-6RB#0



Band2-1.4MHz-256QAM-19193-6RB#0



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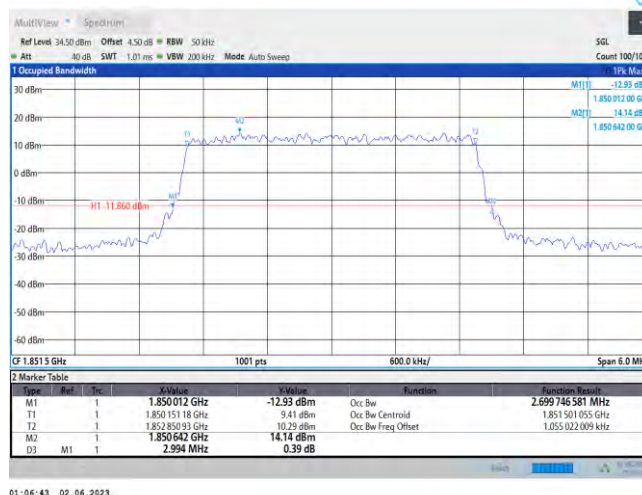
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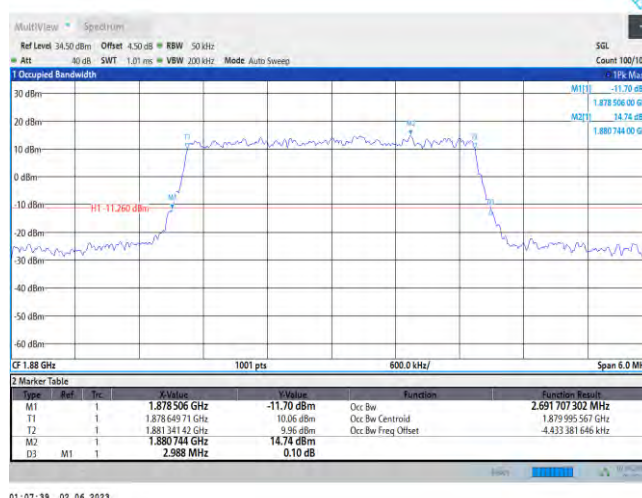
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Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-18900-15RB#0



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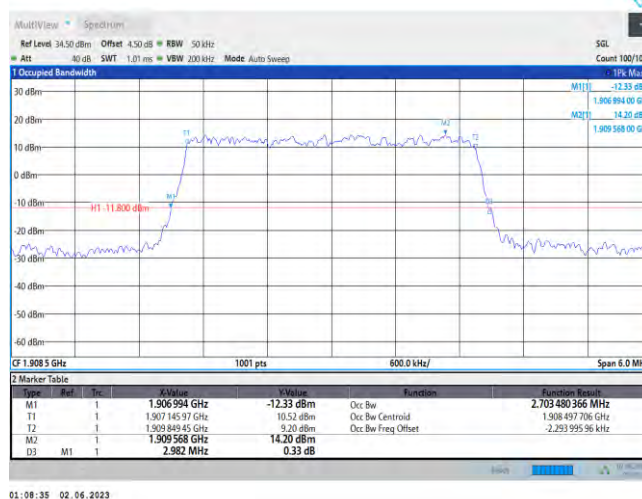
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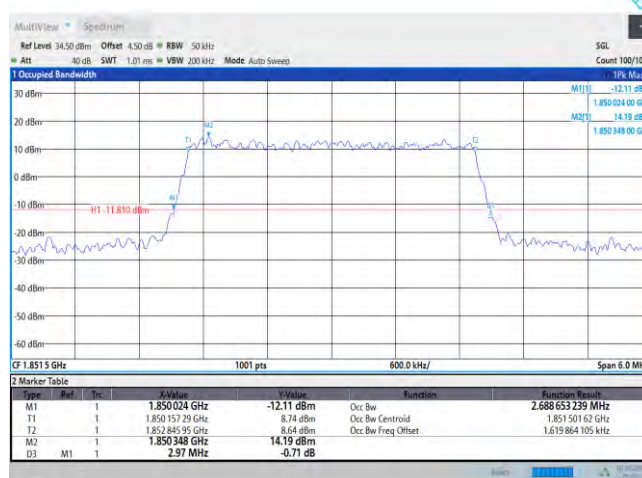
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Band2-3MHz-QPSK-19185-15RB#0



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



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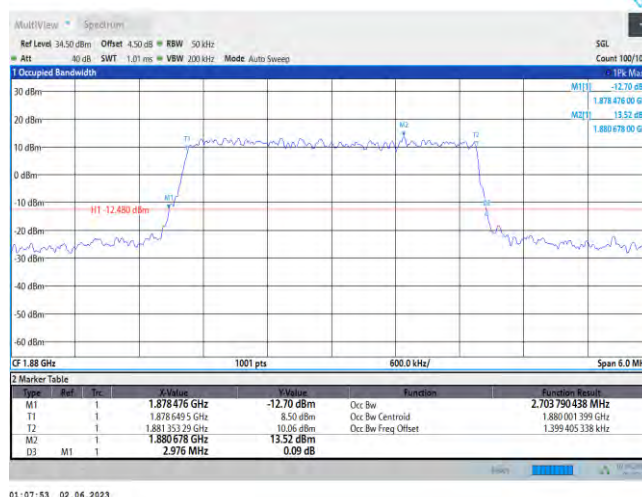
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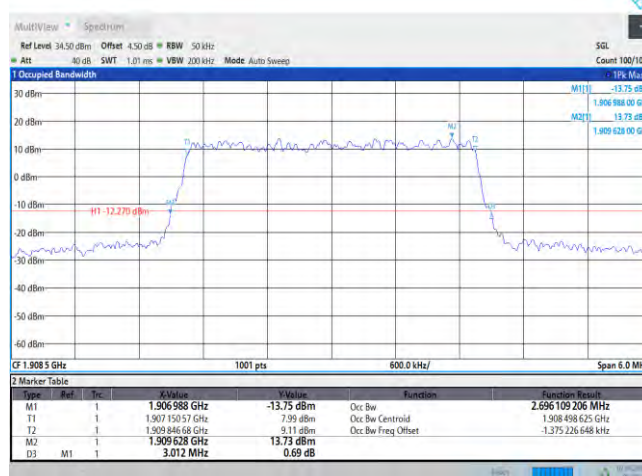
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Band2-3MHz-16QAM-19185-15RB#0



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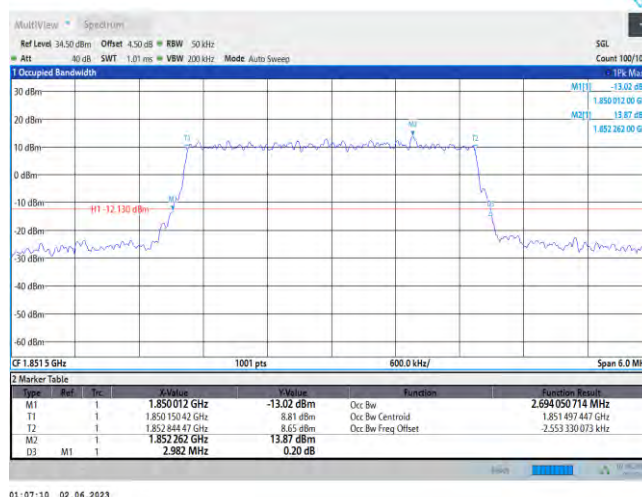
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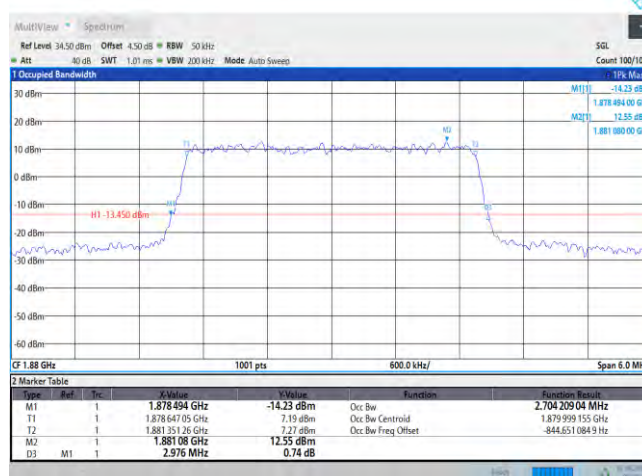
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Band2-3MHz-64QAM-18900-15RB#0



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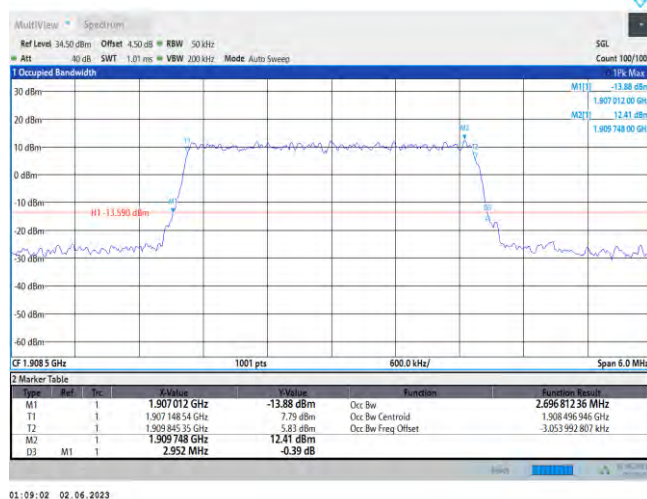
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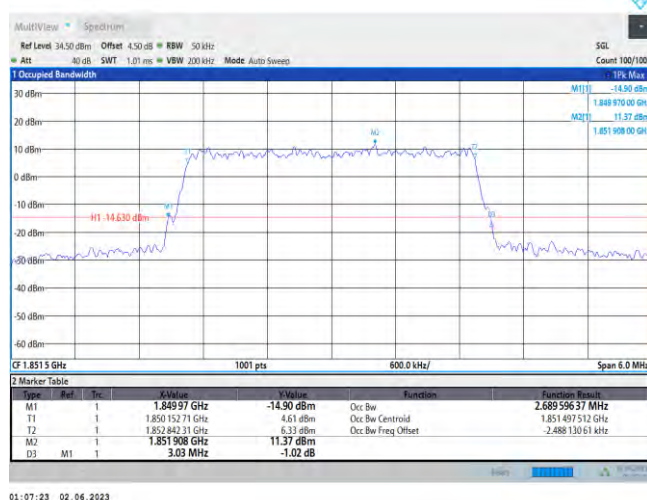
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Band2-3MHz-64QAM-19185-15RB#0



Band2-3MHz-256QAM-18615-15RB#0



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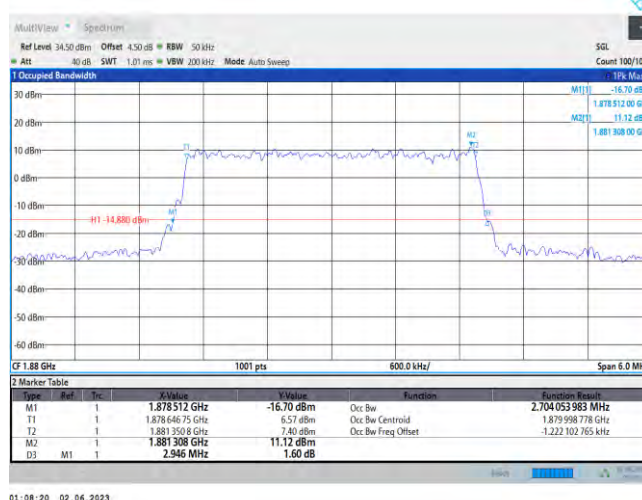
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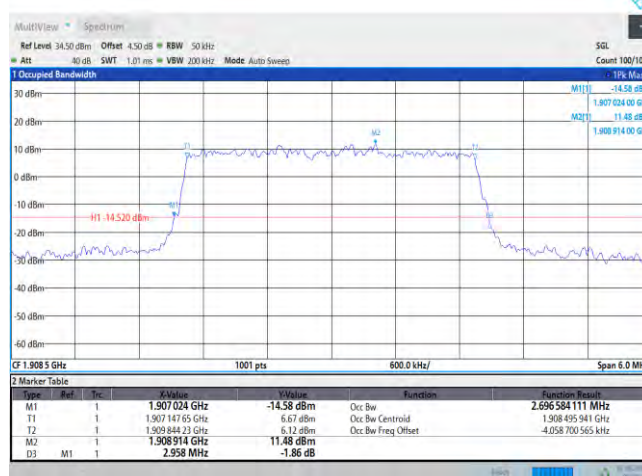
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Band2-3MHz-256QAM-18900-15RB#0



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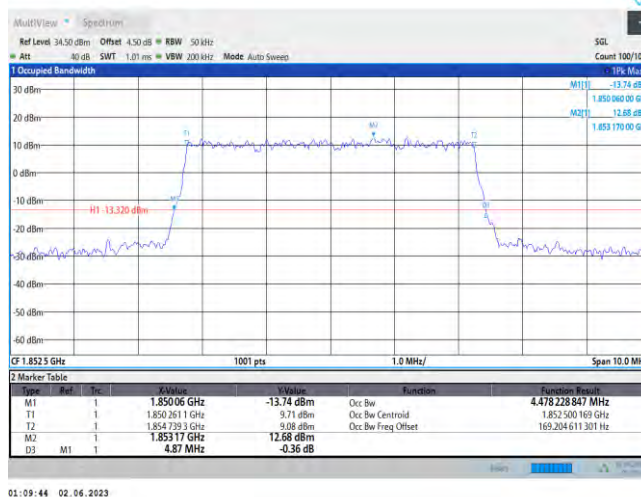
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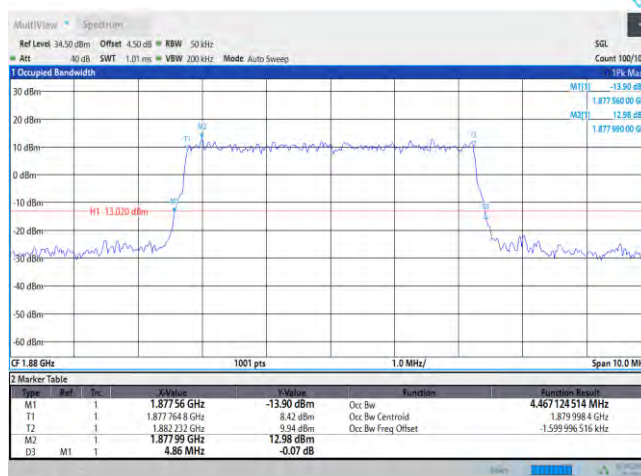
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Band2-5MHz-QPSK-18625-25RB#0



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



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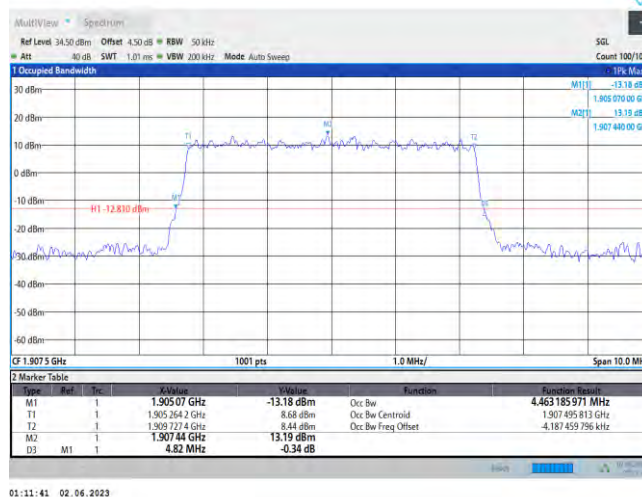
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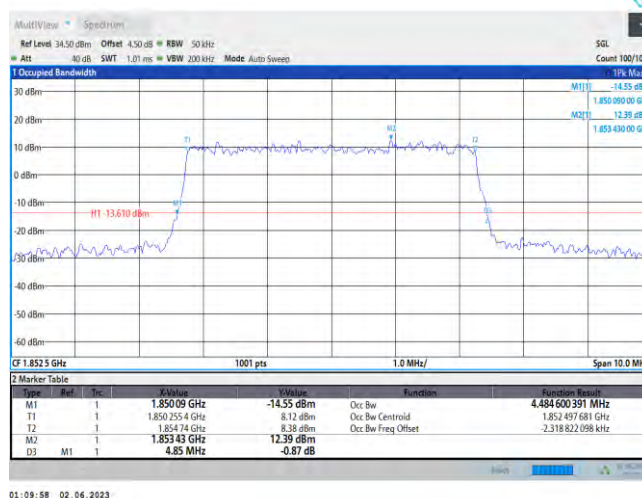
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Band2-5MHz-16QAM-18625-25RB#0



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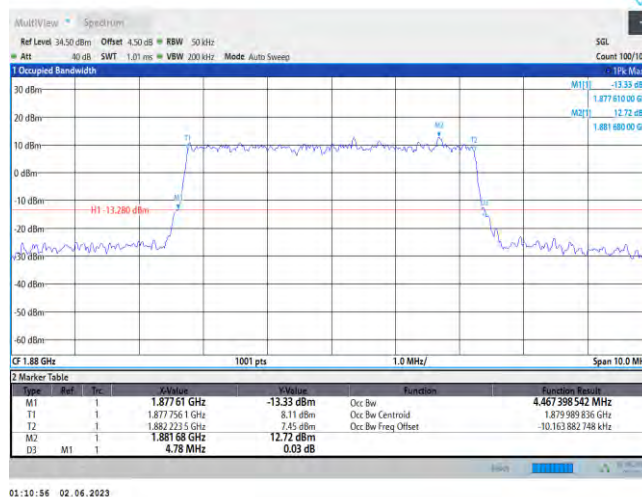
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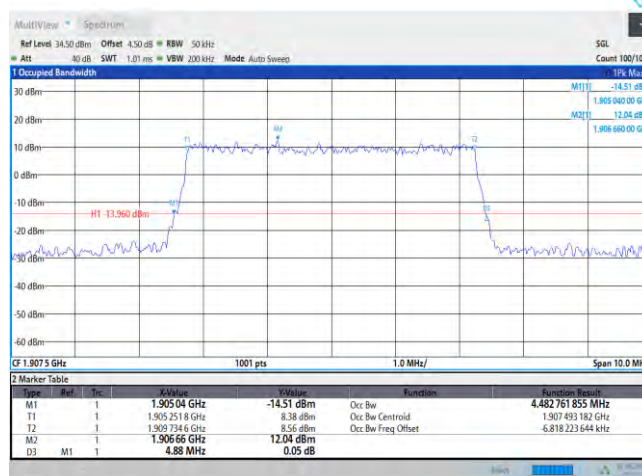
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Band2-5MHz-16QAM-19175-25RB#0



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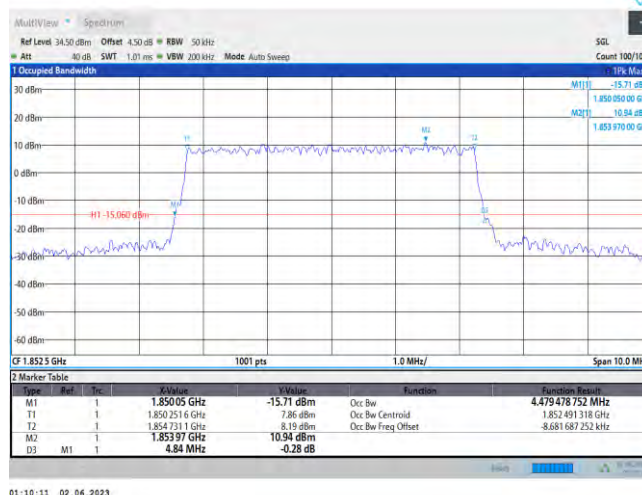
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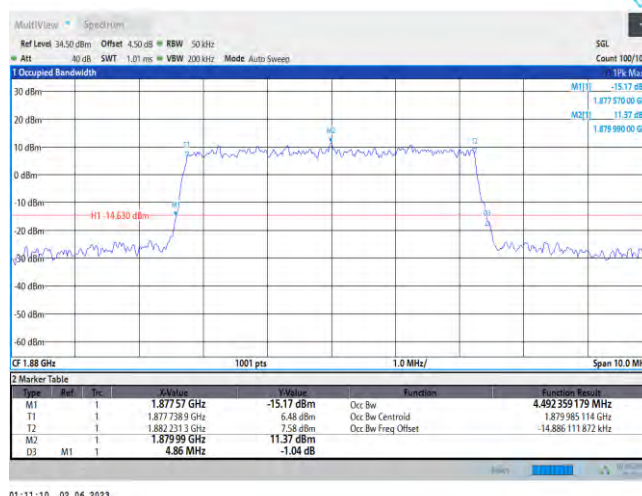
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Band2-5MHz-64QAM-18625-25RB#0



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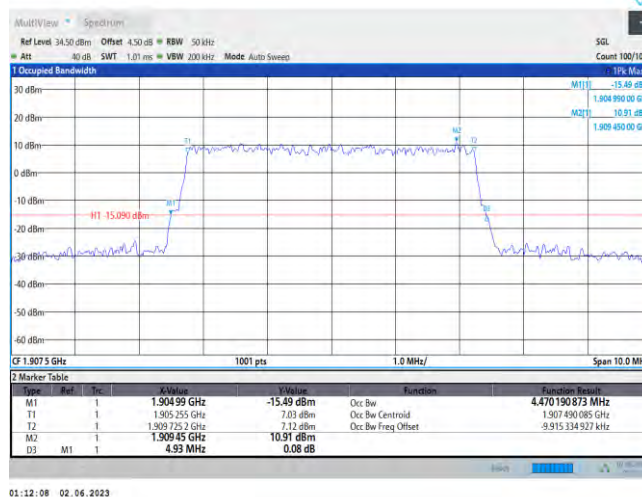
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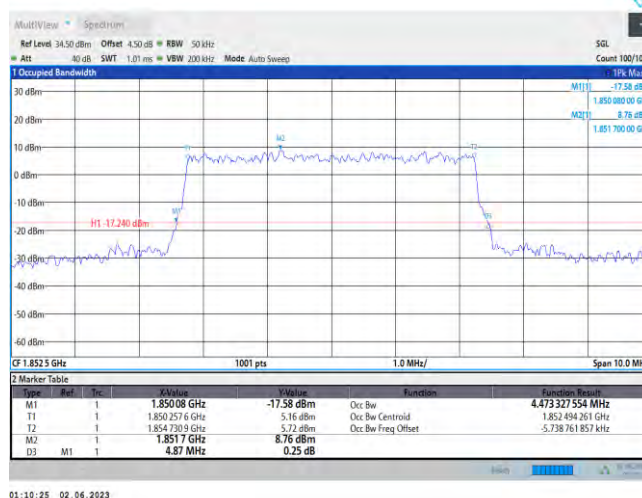
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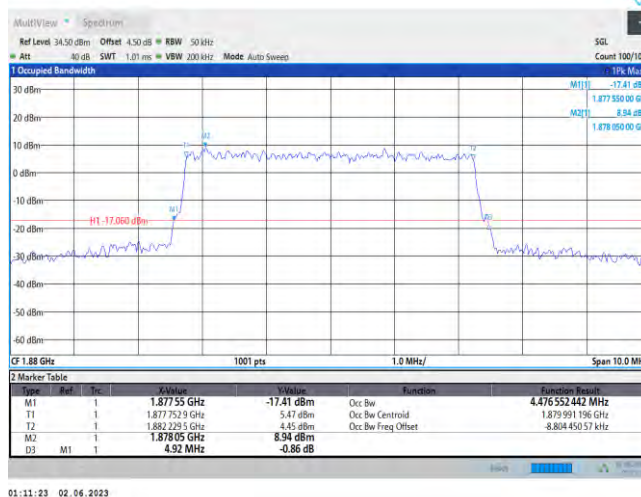
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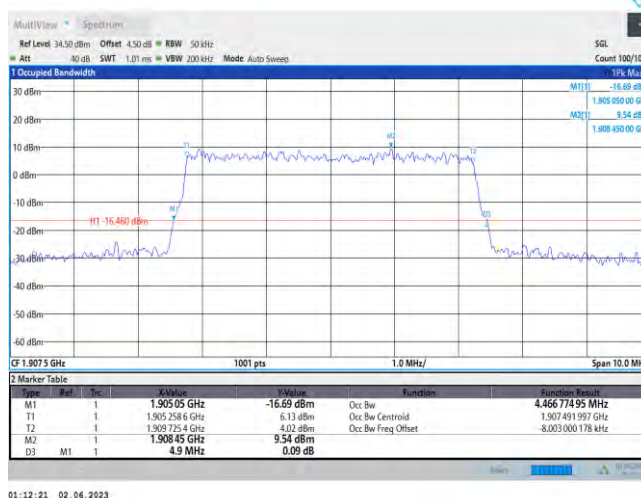
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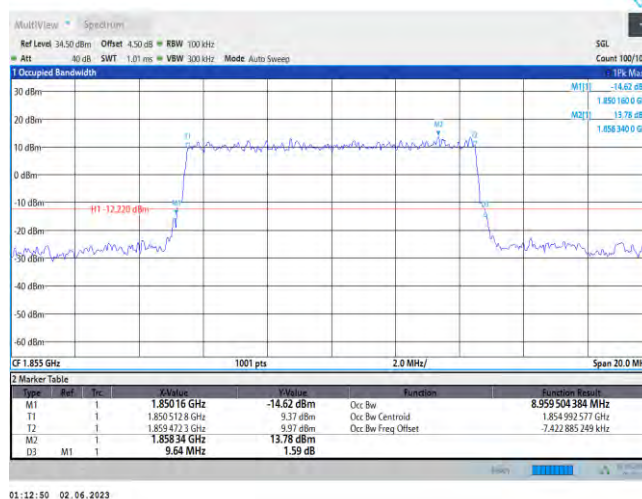
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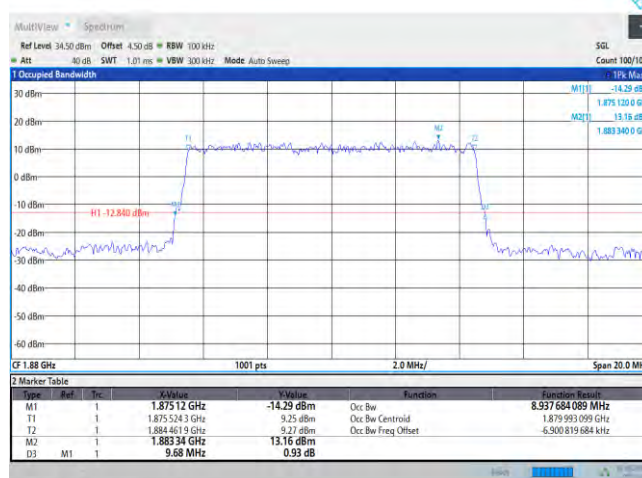
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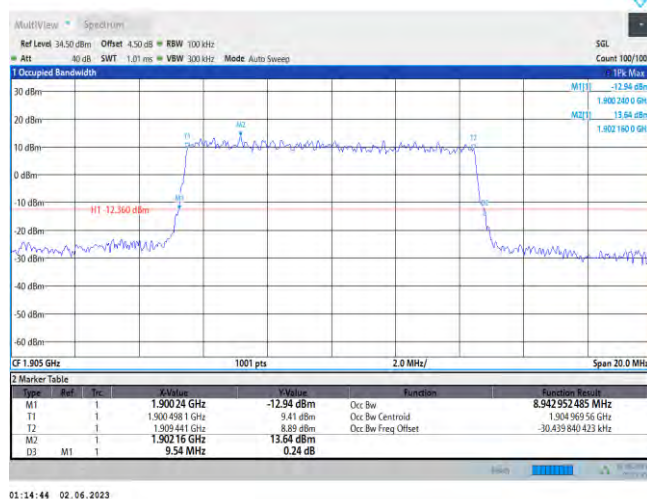
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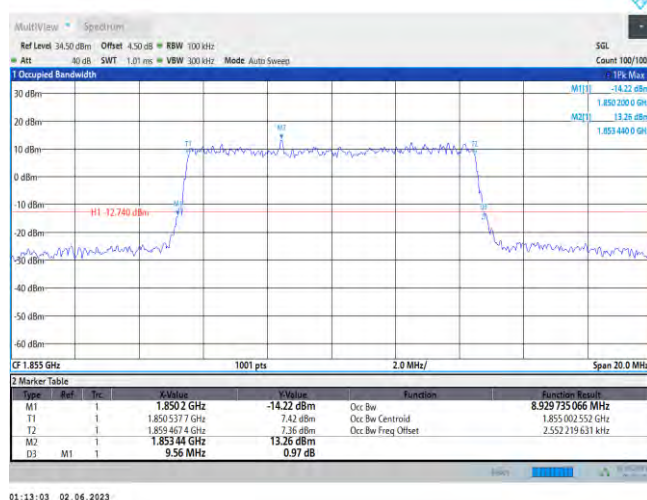
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Band2-10MHz-16QAM-18650-50RB#0



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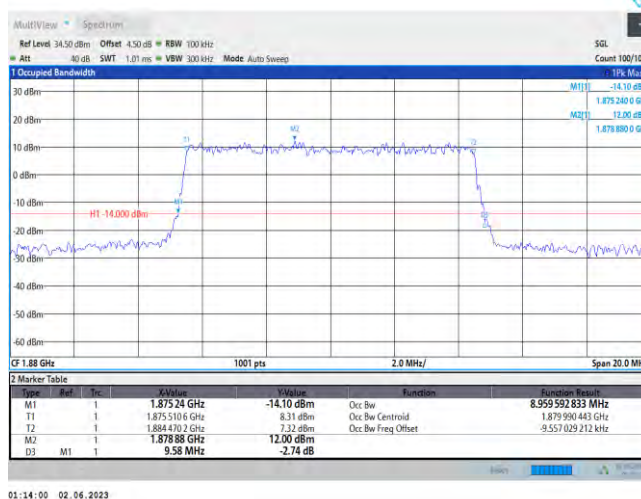
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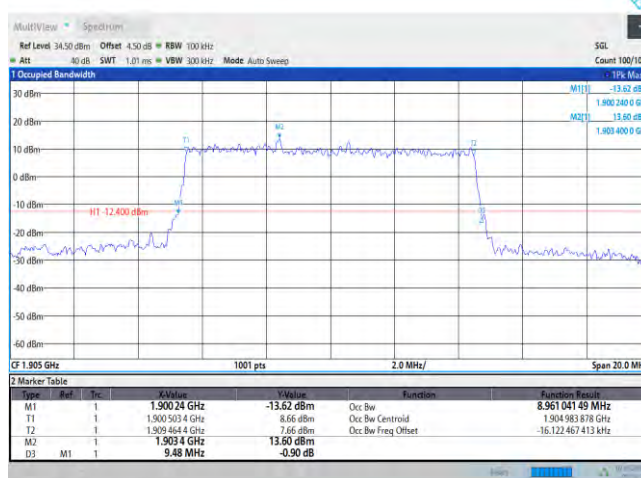
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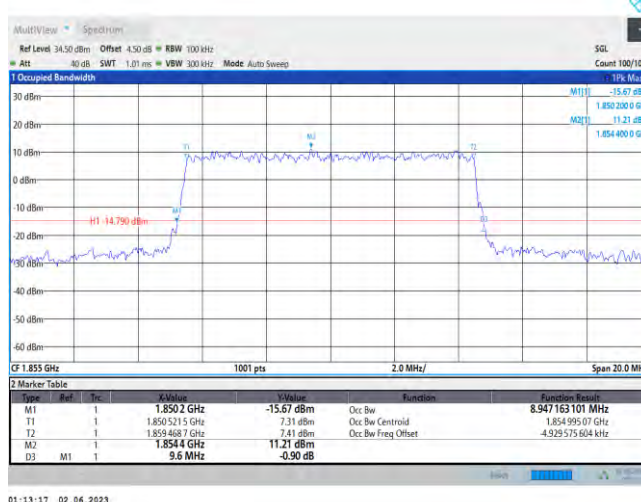
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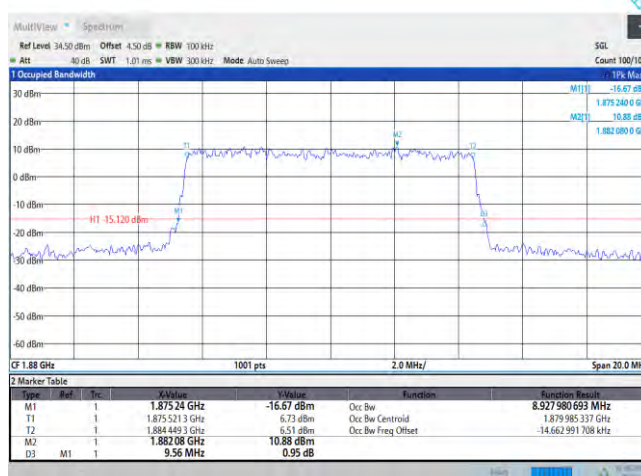
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Band2-10MHz-64QAM-18900-50RB#0



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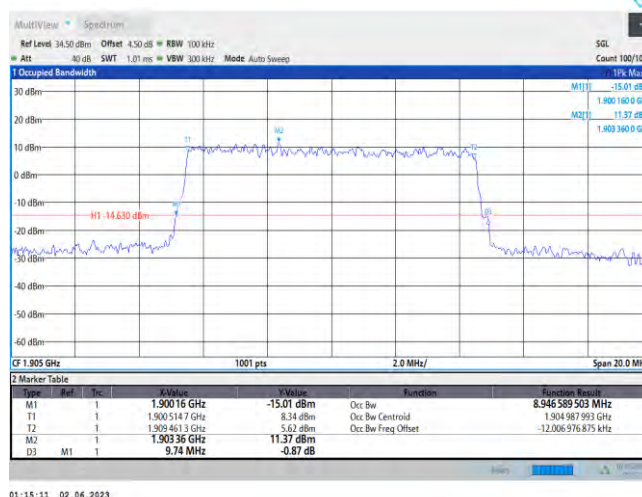
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Band2-10MHz-64QAM-19150-50RB#0



Band2-10MHz-256QAM-18650-50RB#0



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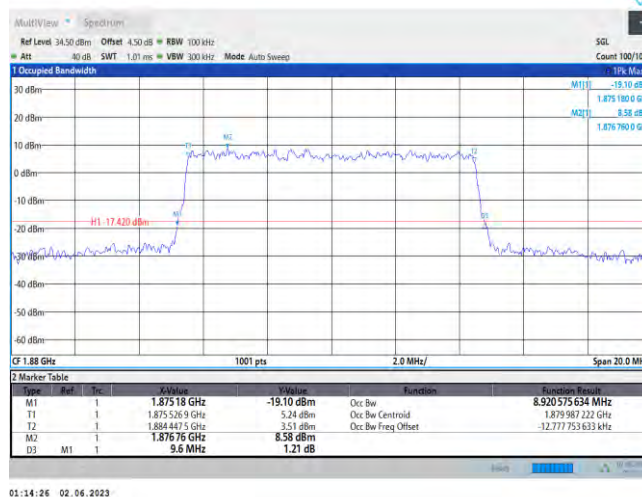
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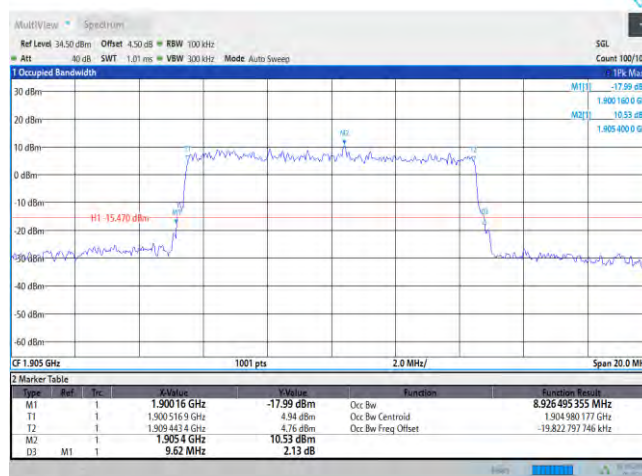
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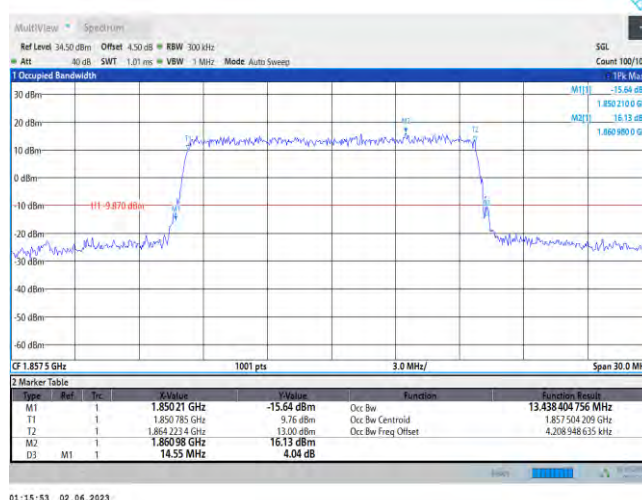
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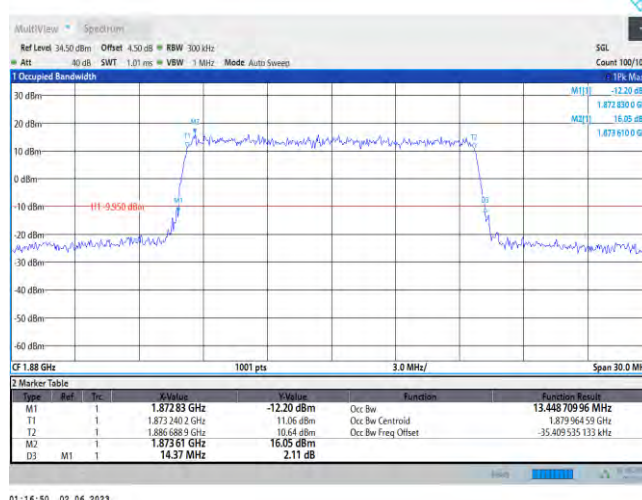
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Band2-15MHz-QPSK-18675-75RB#0



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



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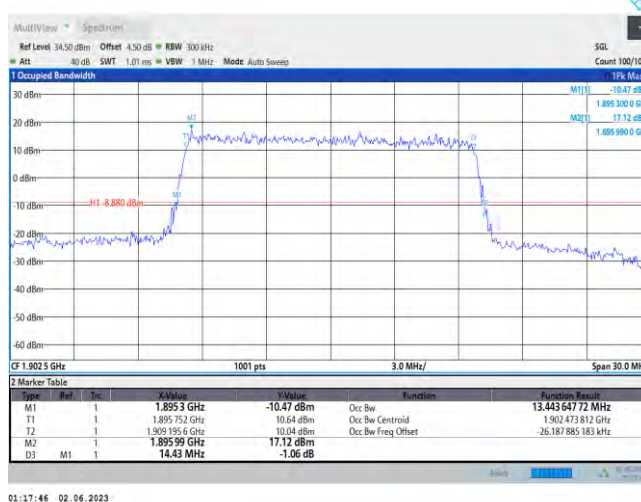
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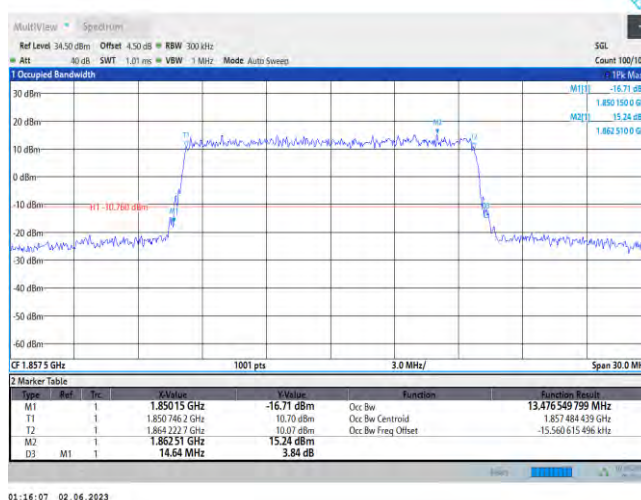
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Band2-15MHz-QPSK-19125-75RB#0



Band2-15MHz-16QAM-18675-75RB#0



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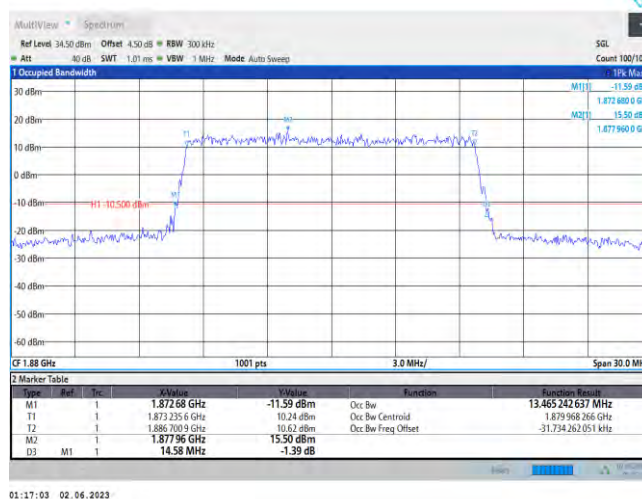
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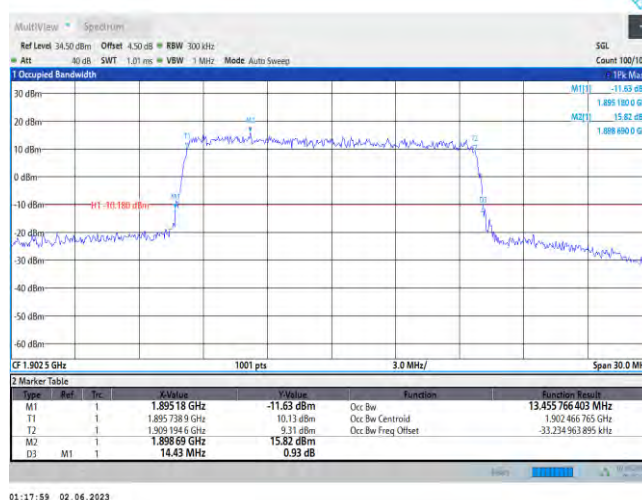
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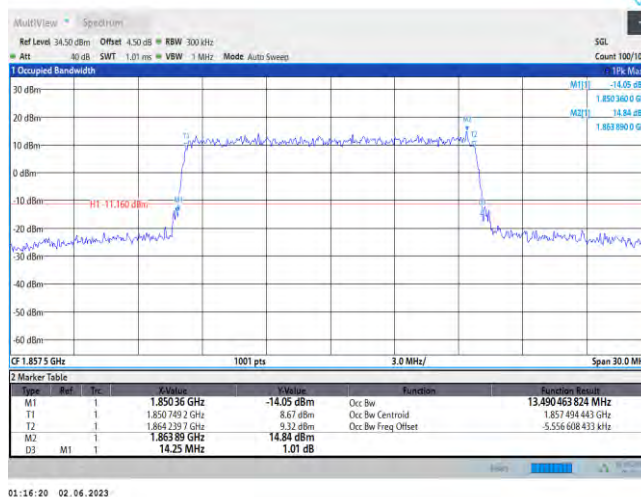
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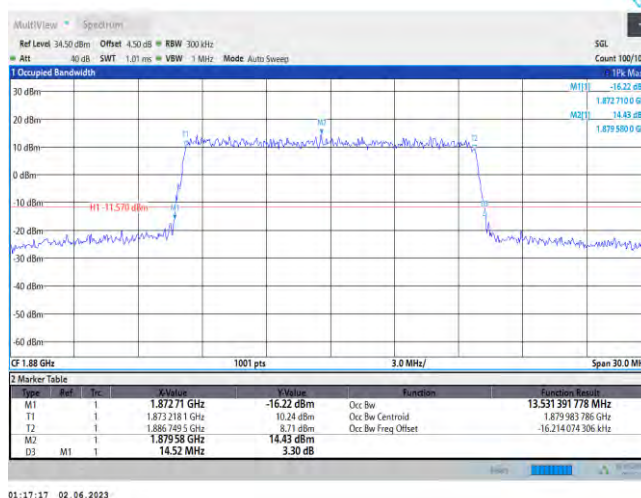
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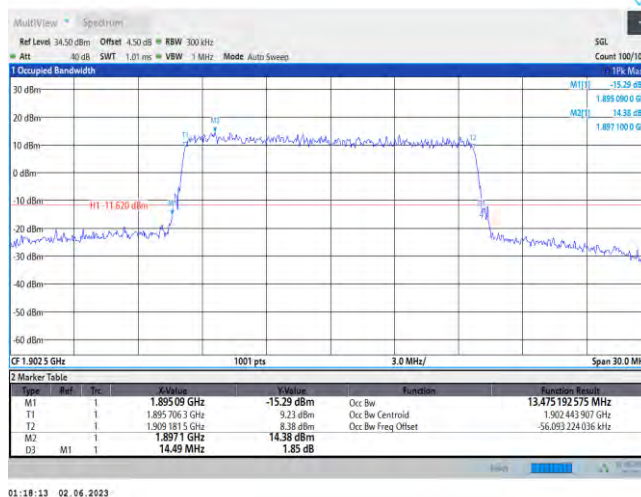
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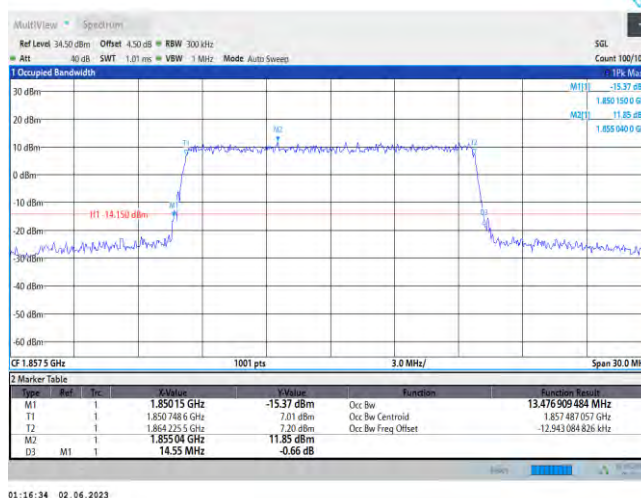
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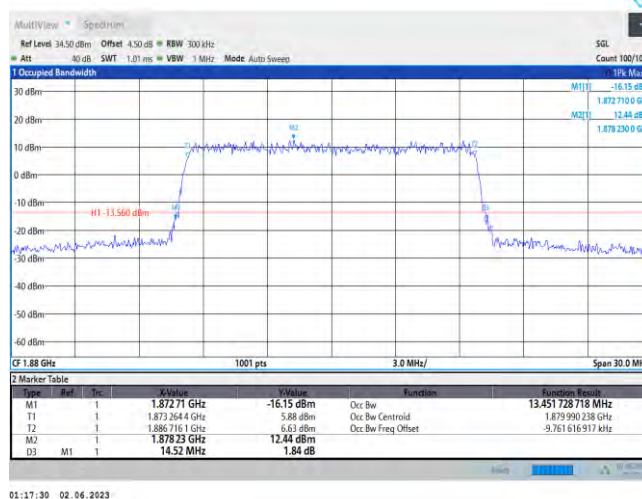
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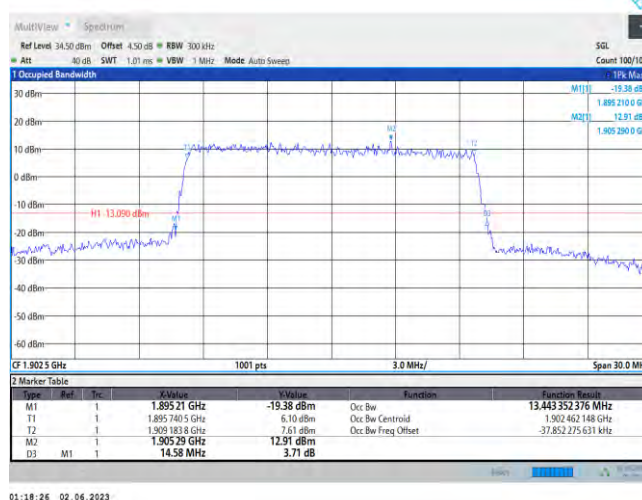
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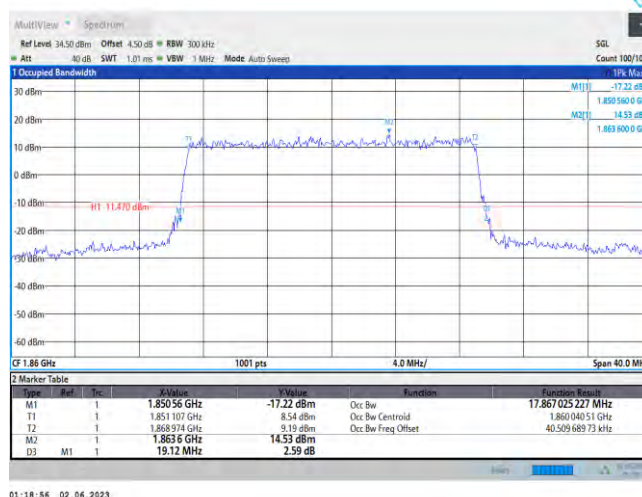
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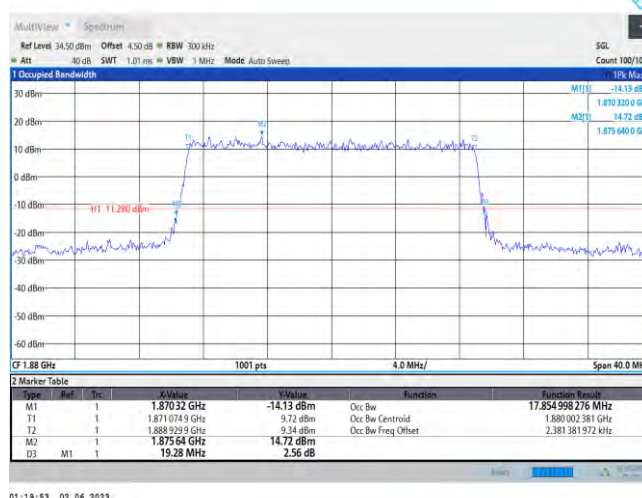
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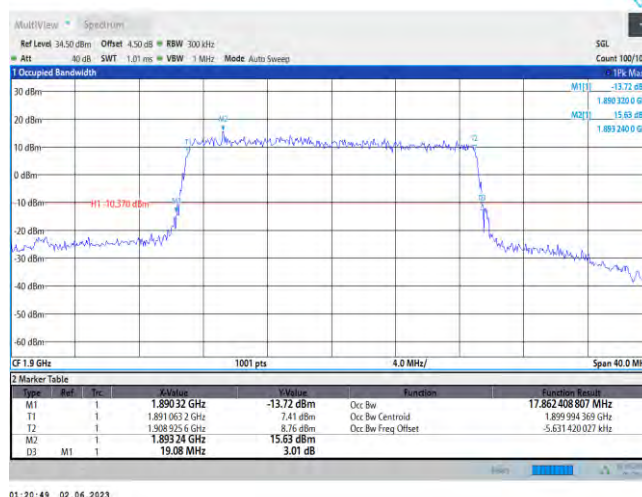
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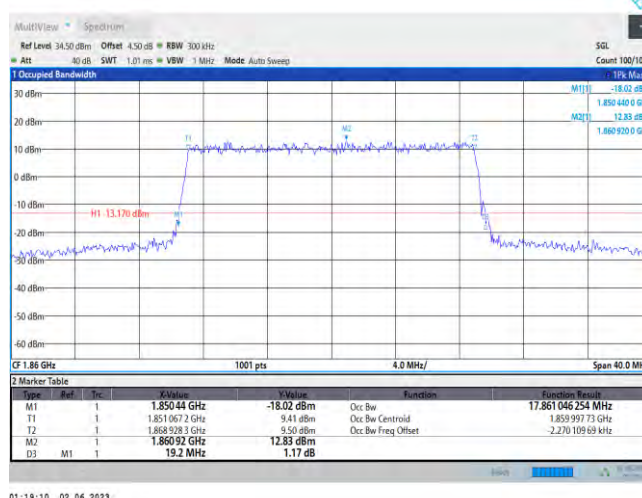
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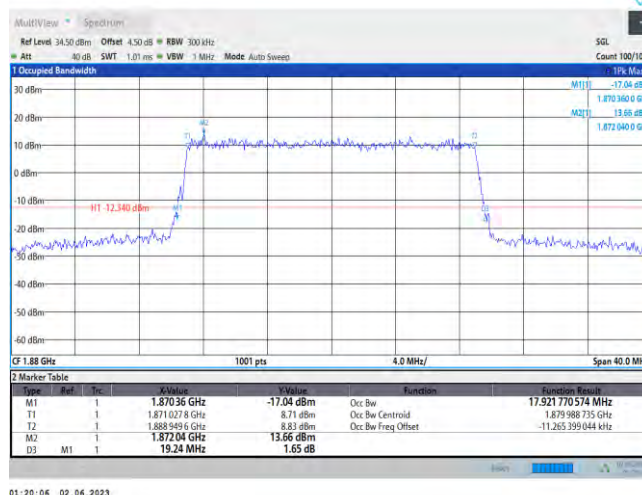
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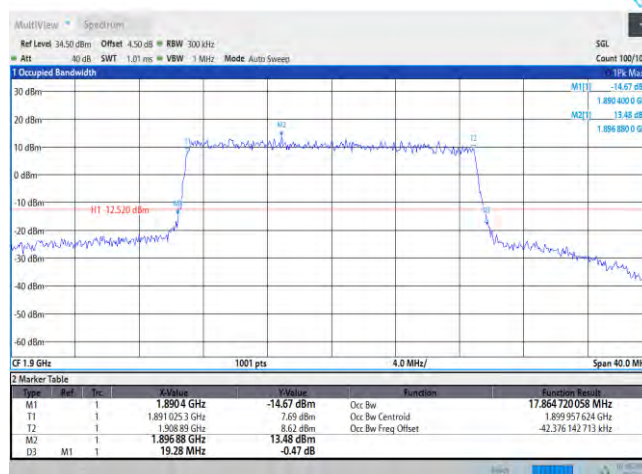
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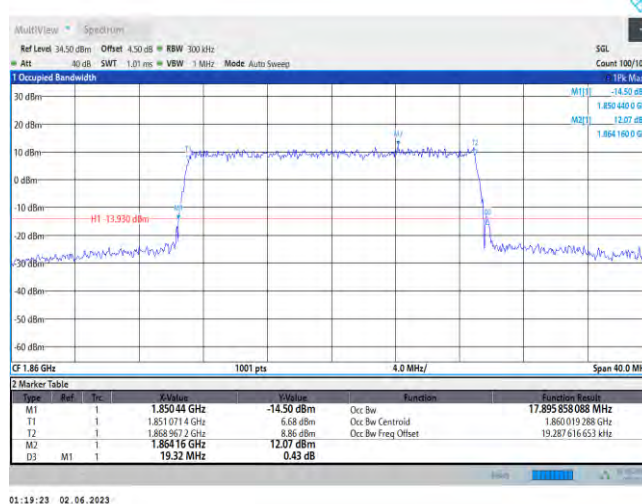
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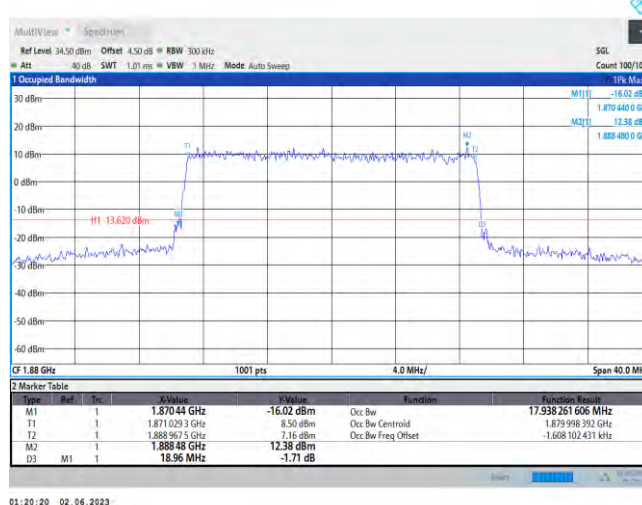
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Band2-20MHz-64QAM-18700-100RB#0



Band2-20MHz-64QAM-18900-100RB#0



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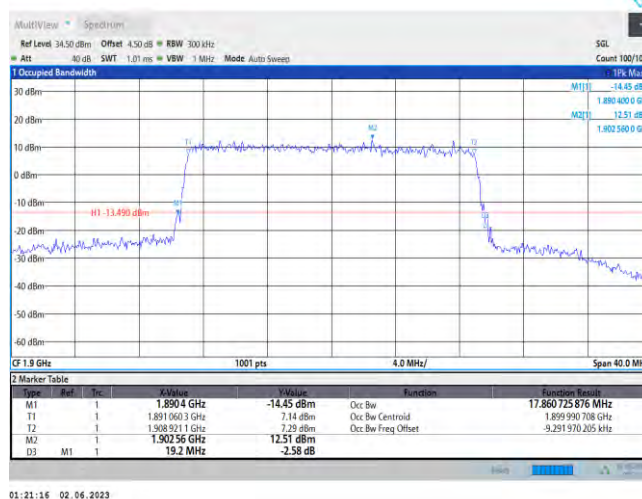
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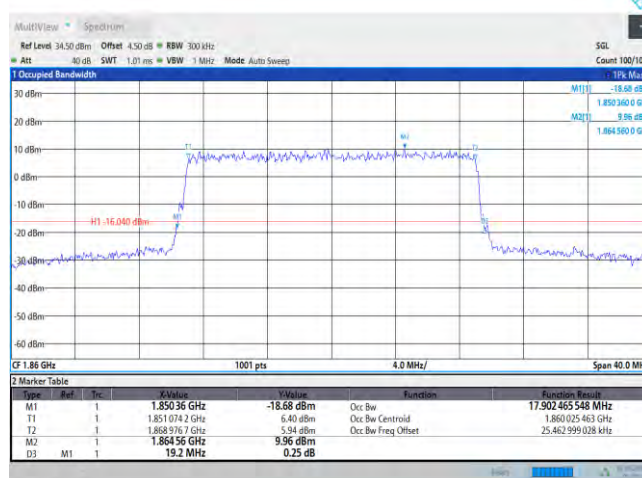
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Band2-20MHz-64QAM-19100-100RB#0



01:21:16 02.06.2023

Band2-20MHz-256QAM-18700-100RB#0



01:19:37 02.06.2023



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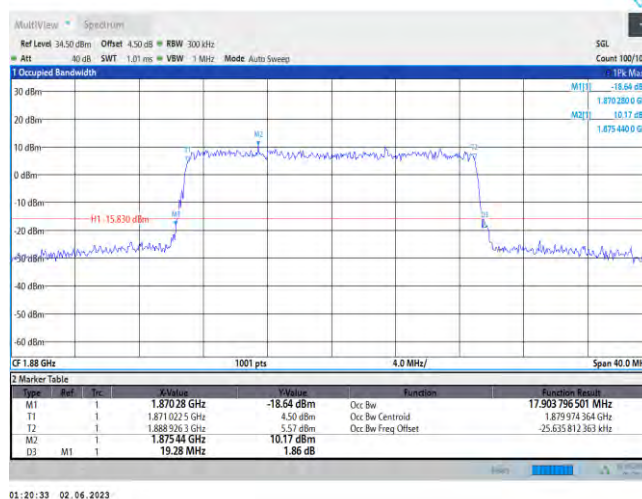
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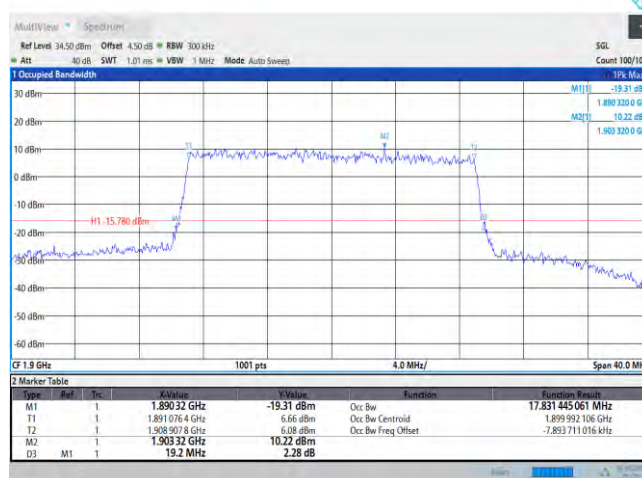
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Band2-20MHz-256QAM-18900-100RB#0



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Band2-20MHz-256QAM-19100-100RB#0



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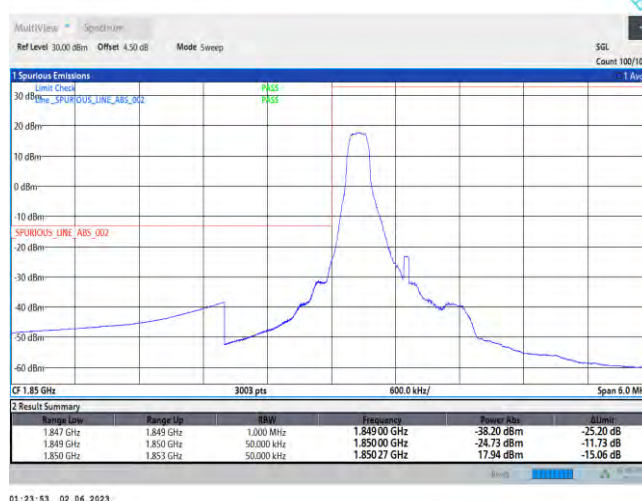
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Band Edge

Test Graphs

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



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



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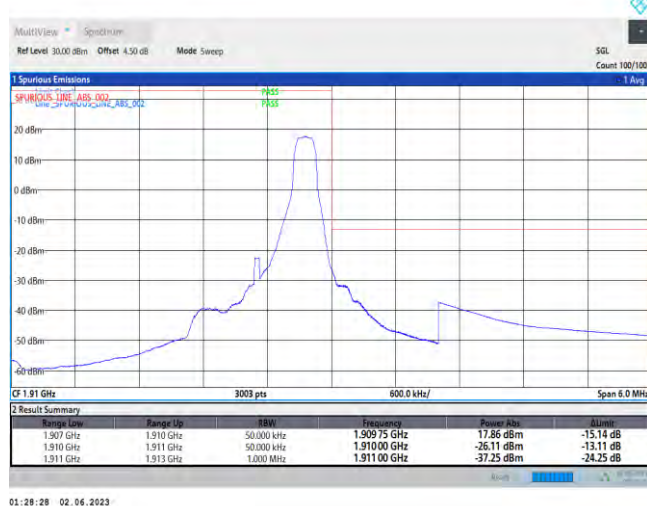
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Band2-1.4MHz-QPSK-19193-1RB#5



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



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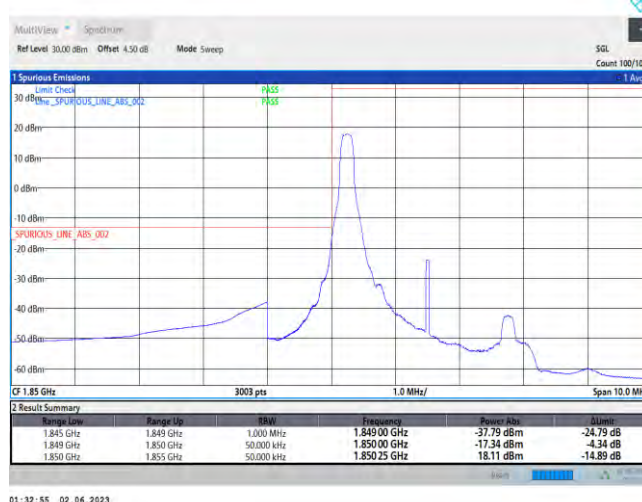
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Band2-3MHz-QPSK-18615-15RB#0



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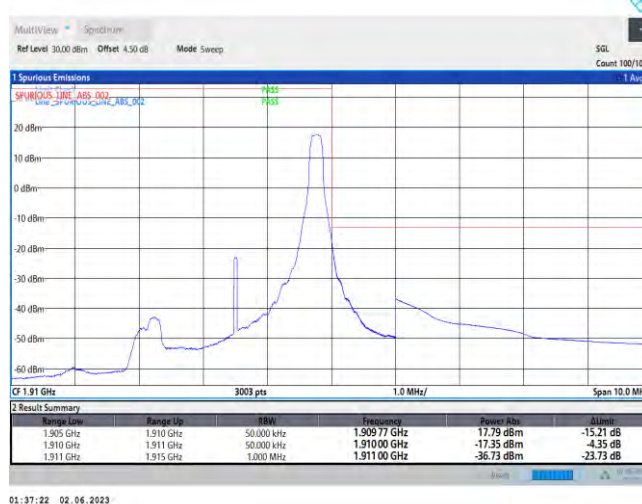
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Band2-3MHz-QPSK-19185-1RB#14



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



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Band2-5MHz-QPSK-18625-1RB#0



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



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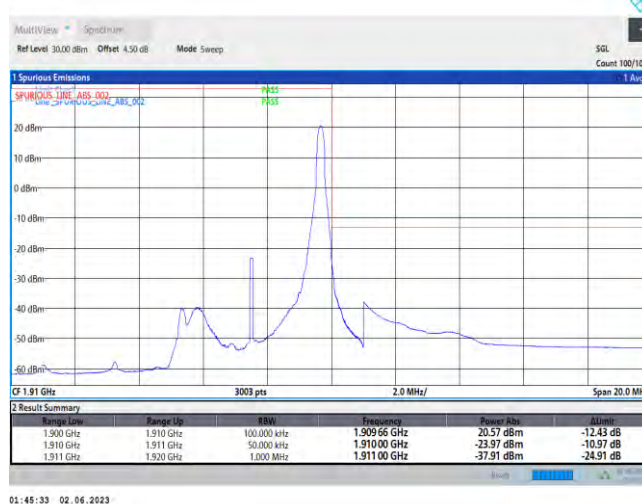
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Band2-5MHz-QPSK-19175-1RB#24



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Band2-5MHz-QPSK-19175-25RB#0



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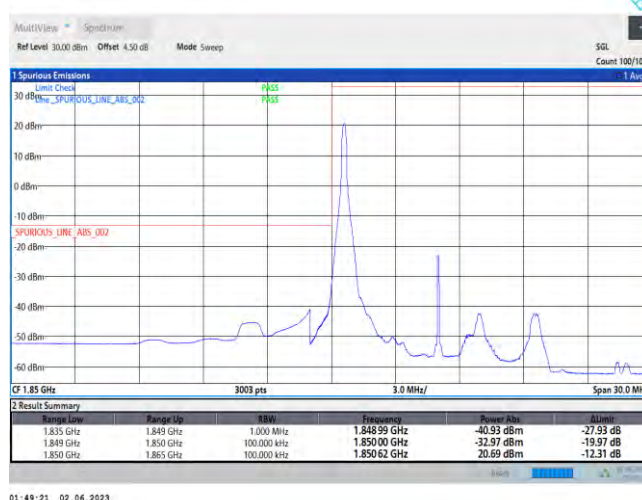
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Band2-10MHz-QPSK-18650-1RB#0



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



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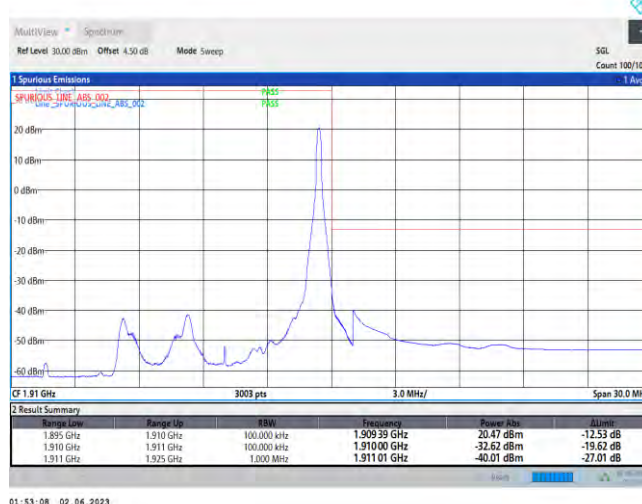
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Band2-10MHz-QPSK-19150-50RB#0



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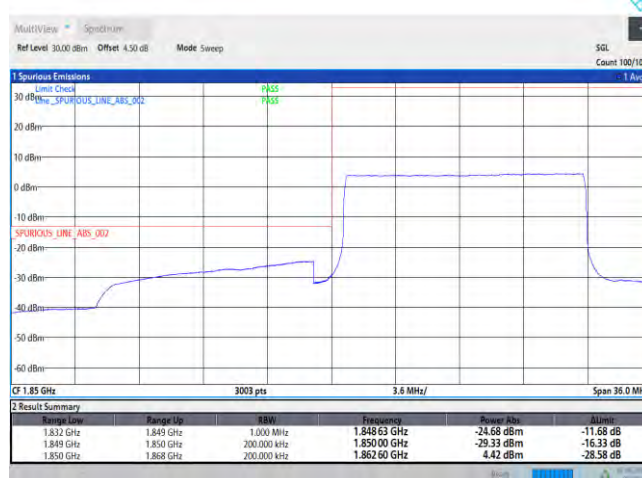
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Band2-15MHz-QPSK-18675-75RB#0



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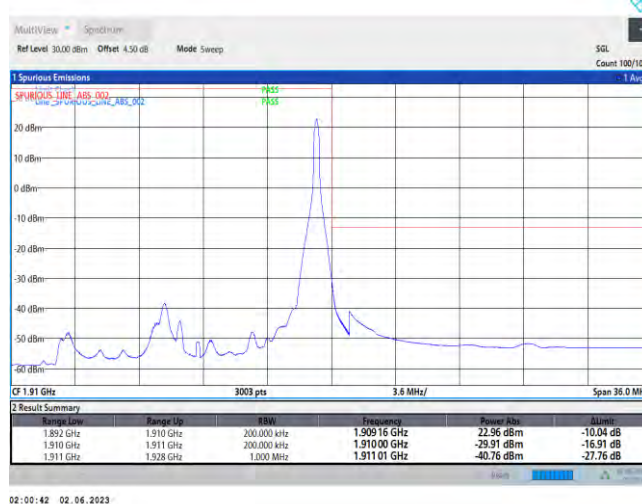
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Band2-15MHz-QPSK-19125-1RB#74



Band2-15MHz-QPSK-19125-75RB#0



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Band2-20MHz-QPSK-18700-1RB#0



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



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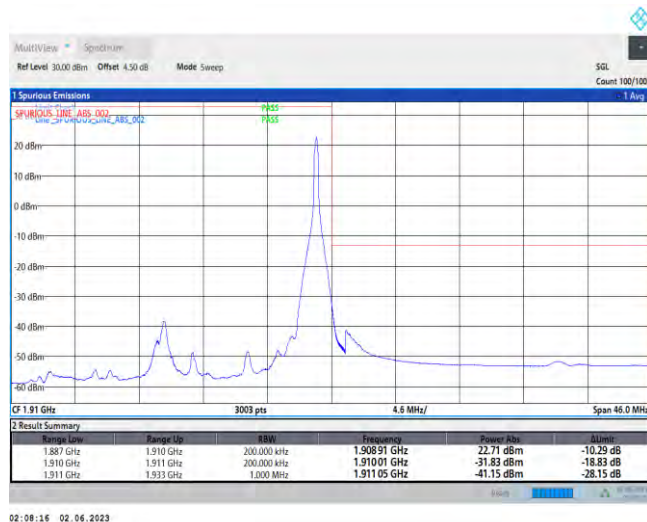
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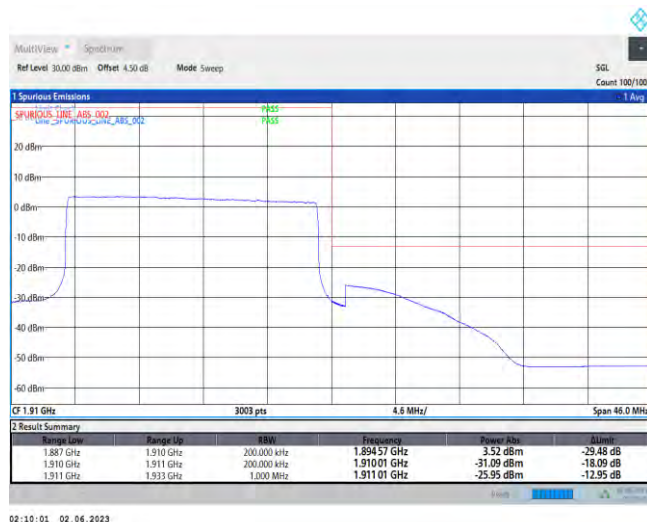
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Band2-20MHz-QPSK-19100-1RB#99



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



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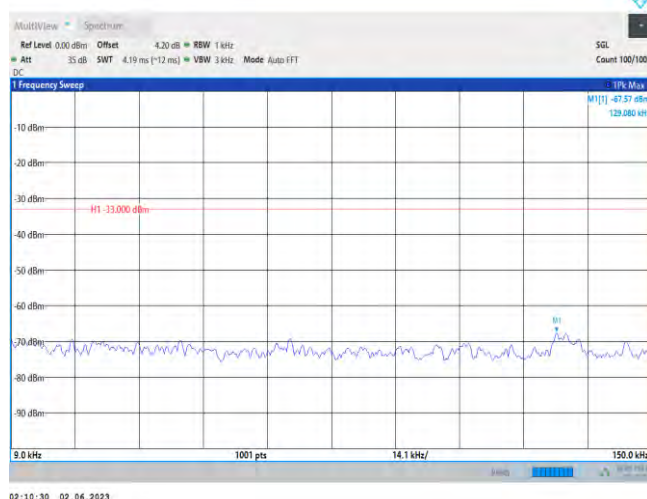
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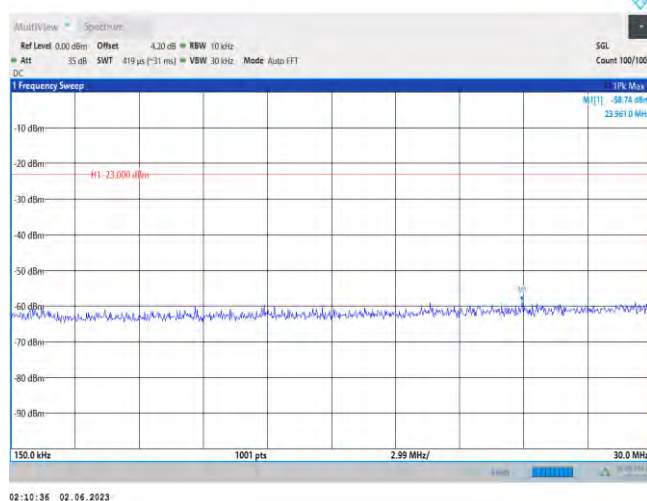
Conducted Spurious Emission

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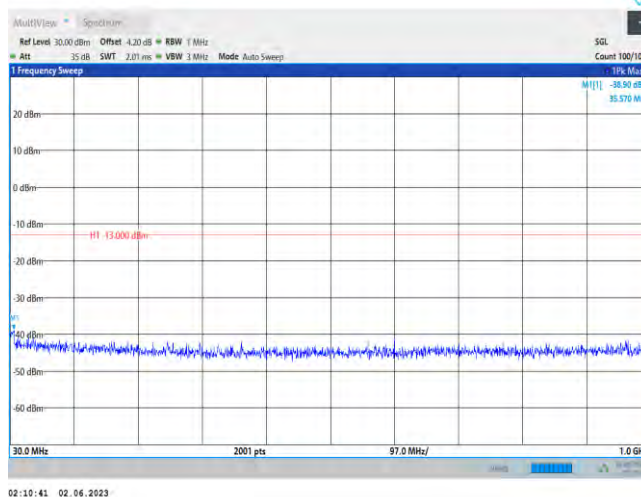
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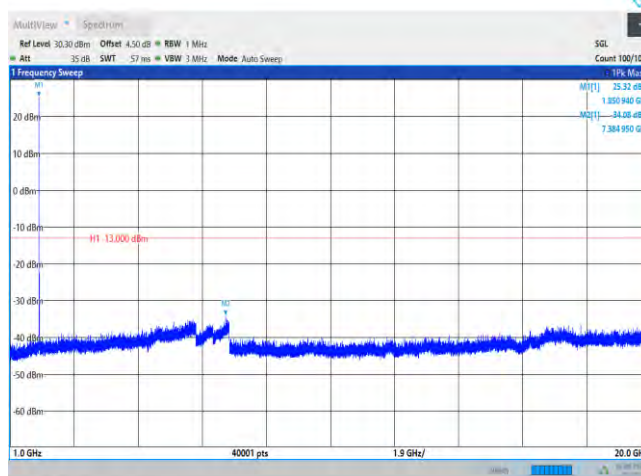
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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



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



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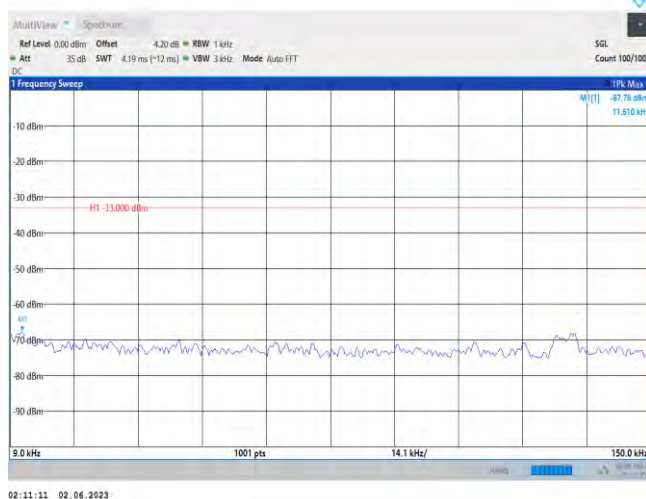
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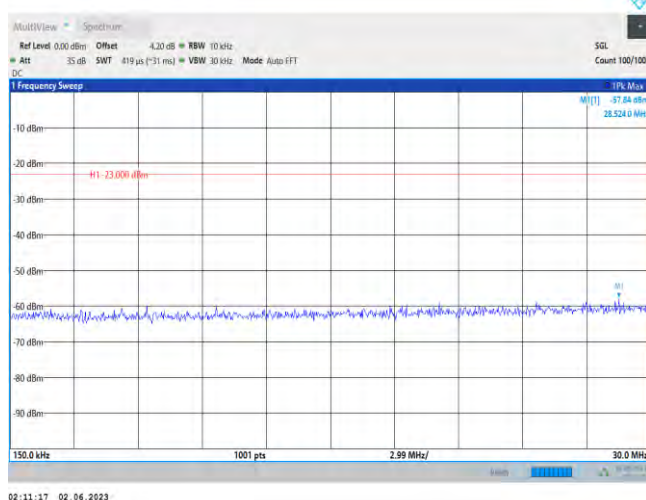
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Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



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



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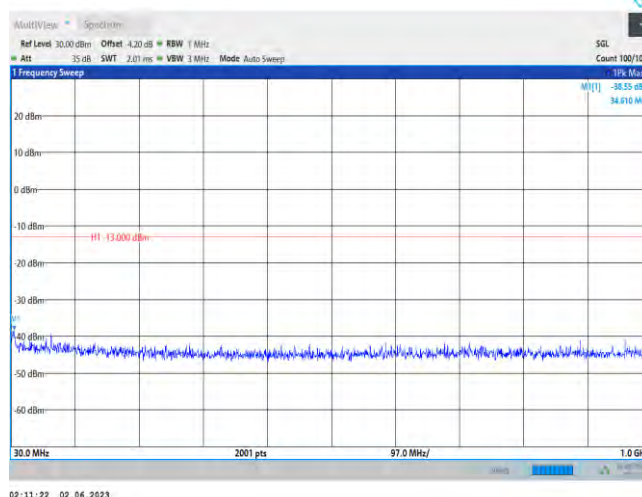
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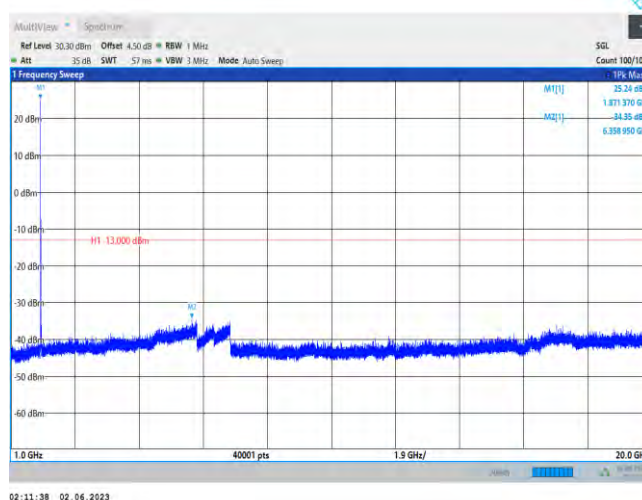
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Band2-20MHz-QPSK-18900-1RB#0-Range3:30~1000MHz



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



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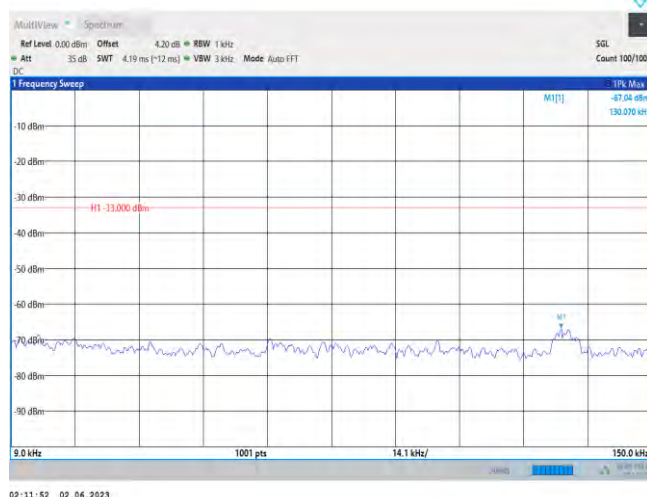
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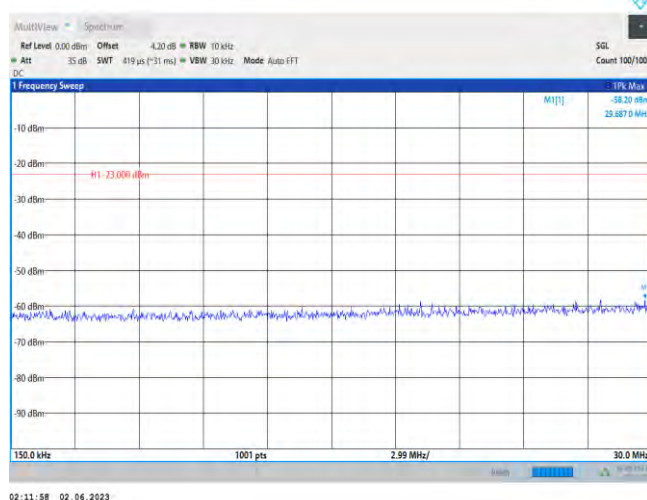
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Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



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



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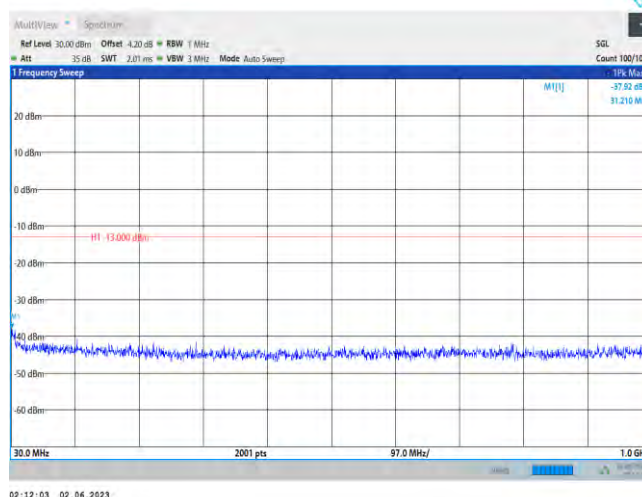
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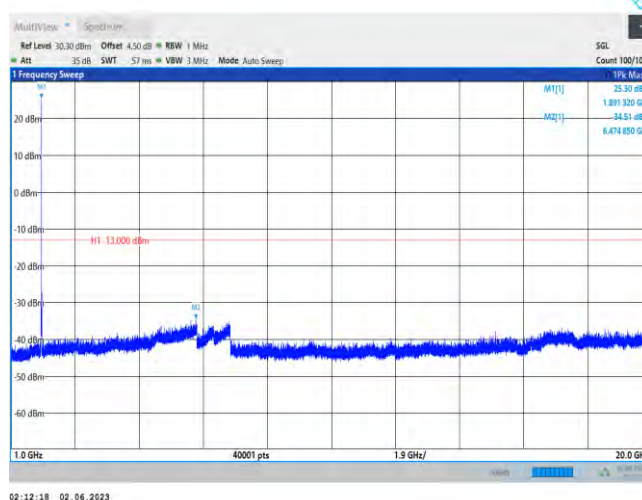
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Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE Band 2_20MHz_ TM1
Test Channel = LOW ANT15

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	41.44	-45.51	29.98	-69.35	-13.00	56.35	125	344	Horizontal
2	5553.2700	39.90	-45.15	32.97	-67.54	-13.00	54.54	142	4	Horizontal
3	7404.3600	38.87	-43.40	36.49	-63.30	-13.00	50.30	136	301	Horizontal
4	9255.4500	34.36	-40.23	38.38	-62.75	-13.00	49.75	256	105	Horizontal
5	11106.5400	30.11	-37.93	39.09	-63.99	-13.00	50.99	195	90	Horizontal
6	12957.6300	28.64	-37.24	39.79	-64.07	-13.00	51.07	185	16	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	40.05	-45.51	29.98	-70.74	-13.00	57.74	211	181	Vertical
2	5553.2700	40.47	-45.15	32.97	-66.97	-13.00	53.97	145	0	Vertical
3	7404.3600	39.09	-43.40	36.49	-63.08	-13.00	50.08	102	240	Vertical
4	9255.4500	35.08	-40.23	38.38	-62.03	-13.00	49.03	158	240	Vertical
5	11106.5400	29.66	-37.93	39.09	-64.44	-13.00	51.44	186	29	Vertical
6	12957.6300	28.43	-37.24	39.79	-64.28	-13.00	51.28	192	150	Vertical



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Test Band = LTE Band 2_20MHz _ TM1
Test Channel = MID ANT15

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	43.17	-45.68	30.12	-67.65	-13.00	54.65	147	165	Horizontal
2	5613.2700	39.43	-45.04	33.07	-67.80	-13.00	54.80	184	134	Horizontal
3	7484.3600	38.22	-43.18	36.45	-63.77	-13.00	50.77	179	225	Horizontal
4	9355.4500	34.51	-40.00	38.46	-62.30	-13.00	49.30	186	104	Horizontal
5	11226.5400	31.17	-37.40	39.11	-62.38	-13.00	49.38	142	45	Horizontal
6	13097.6300	27.81	-37.01	39.87	-64.58	-13.00	51.58	193	352	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	41.17	-45.68	30.12	-69.65	-13.00	56.65	210	196	Vertical
2	5613.2700	40.58	-45.04	33.07	-66.65	-13.00	53.65	130	59	Vertical
3	7484.3600	38.49	-43.18	36.45	-63.50	-13.00	50.50	120	356	Vertical
4	9355.4500	34.41	-40.00	38.46	-62.40	-13.00	49.40	147	0	Vertical
5	11226.5400	31.16	-37.40	39.11	-62.39	-13.00	49.39	156	16	Vertical
6	13097.6300	27.95	-37.01	39.87	-64.44	-13.00	51.44	129	0	Vertical



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Test Band = LTE Band 2_20MHz _ TM1
Test Channel = HIGH ANT15

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	41.10	-45.85	30.27	-69.74	-13.00	56.74	244	240	Horizontal
2	5673.2700	39.35	-44.91	33.29	-67.53	-13.00	54.53	156	149	Horizontal
3	7564.3600	38.60	-43.00	36.41	-63.26	-13.00	50.26	198	284	Horizontal
4	9455.4500	34.33	-40.05	38.48	-62.51	-13.00	49.51	175	360	Horizontal
5	11346.5400	30.35	-37.40	39.11	-63.20	-13.00	50.20	142	316	Horizontal
6	13237.6300	27.98	-37.08	39.96	-64.39	-13.00	51.39	180	359	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	41.17	-45.85	30.27	-69.67	-13.00	56.67	163	7	Vertical
2	5673.2700	39.29	-44.91	33.29	-67.59	-13.00	54.59	254	226	Vertical
3	7564.3600	37.87	-43.00	36.41	-63.99	-13.00	50.99	142	257	Vertical
4	9455.4500	34.24	-40.05	38.48	-62.60	-13.00	49.60	188	43	Vertical
5	11346.5400	30.30	-37.40	39.11	-63.25	-13.00	50.25	169	135	Vertical
6	13237.6300	27.13	-37.08	39.96	-65.24	-13.00	52.24	192	15	Vertical



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Test Band = LTE 2A_7A_ TM1
Test Channel = LOW

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	42.02	-45.51	28.80	-69.95	-25.00	44.95	223	1	Horizontal
2	5002.1800	41.97	-45.63	31.41	-67.52	-25.00	42.52	187	252	Horizontal
3	5553.2700	41.41	-45.15	32.61	-66.39	-25.00	41.39	154	181	Horizontal
4	7404.3600	40.98	-43.40	36.33	-61.35	-25.00	36.35	262	252	Horizontal
5	7503.2700	39.32	-43.13	36.60	-62.47	-25.00	37.47	238	199	Horizontal
6	10004.3600	34.17	-39.23	38.20	-62.12	-25.00	37.12	148	7	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	41.95	-45.51	28.80	-70.02	-25.00	45.02	201	35	Vertical
2	5002.1800	41.70	-45.63	31.41	-67.79	-25.00	42.79	156	251	Vertical
3	5553.2700	41.48	-45.15	32.61	-66.32	-25.00	41.32	187	340	Vertical
4	7404.3600	39.93	-43.40	36.33	-62.40	-25.00	37.40	223	360	Vertical
5	7503.2700	39.65	-43.13	36.60	-62.14	-25.00	37.14	154	340	Vertical
6	10004.3600	34.52	-39.23	38.20	-61.77	-25.00	36.77	159	70	Vertical



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Test Band = LTE 2A_7A_ TM1
Test Channel = MID

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	41.68	-45.68	28.84	-70.42	-25.00	45.42	102	216	Horizontal
2	5052.1800	41.62	-45.50	31.53	-67.61	-25.00	42.61	148	270	Horizontal
3	5613.2700	41.66	-45.04	32.62	-66.02	-25.00	41.02	195	200	Horizontal
4	7484.3600	39.29	-43.18	36.56	-62.60	-25.00	37.60	132	21	Horizontal
5	7578.2700	39.54	-42.98	36.63	-62.06	-25.00	37.06	152	55	Horizontal
6	10104.3600	34.77	-39.14	38.25	-61.37	-25.00	36.37	247	146	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	41.91	-45.68	28.84	-70.19	-25.00	45.19	110	87	Vertical
2	5052.1800	41.65	-45.50	31.53	-67.58	-25.00	42.58	132	322	Vertical
3	5613.2700	41.03	-45.04	32.62	-66.65	-25.00	41.65	183	322	Vertical
4	7484.3600	38.40	-43.18	36.56	-63.49	-25.00	38.49	165	340	Vertical
5	7578.2700	38.99	-42.98	36.63	-62.61	-25.00	37.61	145	51	Vertical
6	10104.3600	34.18	-39.14	38.25	-61.96	-25.00	36.96	223	360	Vertical



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Test Band = LTE 2A_7A_ TM1

Test Channel = HIGH

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	42.50	-45.85	28.88	-69.72	-25.00	44.72	212	72	Horizontal
2	5102.1800	41.42	-45.37	31.65	-67.56	-25.00	42.56	145	0	Horizontal
3	5673.2700	40.87	-44.91	32.63	-66.66	-25.00	41.66	232	270	Horizontal
4	7564.3600	39.49	-43.00	36.63	-62.15	-25.00	37.15	269	145	Horizontal
5	7653.2700	39.63	-43.03	36.66	-62.00	-25.00	37.00	187	72	Horizontal
6	10204.3600	32.81	-39.48	38.30	-63.63	-25.00	38.63	154	2	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	42.36	-45.85	28.88	-69.86	-25.00	44.86	110	108	Vertical
2	5102.1800	41.20	-45.37	31.65	-67.78	-25.00	42.78	187	307	Vertical
3	5673.2700	41.02	-44.91	32.63	-66.51	-25.00	41.51	145	36	Vertical
4	7564.3600	38.79	-43.00	36.63	-62.85	-25.00	37.85	232	36	Vertical
5	7653.2700	39.38	-43.03	36.66	-62.25	-25.00	37.25	254	359	Vertical
6	10204.3600	33.84	-39.48	38.30	-62.60	-25.00	37.60	189	288	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

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-1.00	-0.000532	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	0.40	0.000213	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-1.00	-0.000532	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-1.00	-0.000532	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	0.10	0.000053	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-2.00	-0.001064	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	0.50	0.000266	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	0.00	0.000000	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-1.10	-0.000585	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-1.10	-0.000585	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-1.10	-0.000585	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	1.60	0.000851	PASS

---End of Attachment---



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