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Appendix B.1

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	23.05	21.95	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23	21.9	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.98	21.88	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.11	21.01	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.12	22.02	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.94	21.84	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.85	21.75	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.9	20.8	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.22	22.12	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.88	21.78	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.72	21.62	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.97	20.87	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.35	21.25	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.2	21.1	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.26	21.16	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.09	19.99	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.15	21.05	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.03	20.93	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.31	21.21	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.93	19.83	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.97	20.87	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.25	21.15	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.98	20.88	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21	19.9	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.19	20.09	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.2	20.1	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.23	20.13	33	PASS



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Band2	1.4MHz	64QAM	18607	6RB#0	20.12	19.02	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.15	20.05	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.03	19.93	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.09	19.99	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	19.97	18.87	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.11	20.01	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.18	20.08	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.05	19.95	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.01	18.91	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#0	18.18	17.08	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#2	18.12	17.02	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#5	18.27	17.17	33	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	18.17	17.07	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#0	17.91	16.81	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#2	17.88	16.78	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#5	18.04	16.94	33	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	18.01	16.91	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#0	17.99	16.89	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#2	18.1	17	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#5	18.02	16.92	33	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	18.02	16.92	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.03	21.93	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.15	22.05	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.12	22.02	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.1	21	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.25	22.15	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.95	21.85	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.85	21.75	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.91	20.81	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.05	21.95	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.01	21.91	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.92	21.82	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.9	20.8	33	PASS



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Band2	3MHz	16QAM	18615	1RB#0	22.21	21.11	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.32	21.22	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.25	20.15	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.14	20.04	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.13	21.03	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.96	20.86	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.98	20.88	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.92	19.82	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.07	20.97	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.15	21.05	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.04	20.94	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.92	19.82	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.24	20.14	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.43	20.33	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.06	19.96	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.11	19.01	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.13	20.03	33	PASS
Band2	3MHz	64QAM	18900	1RB#8	21.17	20.07	33	PASS
Band2	3MHz	64QAM	18900	1RB#14	20.99	19.89	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	19.91	18.81	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.13	20.03	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.26	20.16	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.11	20.01	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	19.97	18.87	33	PASS
Band2	3MHz	256QAM	18615	1RB#0	18.2	17.1	33	PASS
Band2	3MHz	256QAM	18615	1RB#8	18.18	17.08	33	PASS
Band2	3MHz	256QAM	18615	1RB#14	18.17	17.07	33	PASS
Band2	3MHz	256QAM	18615	15RB#0	18.2	17.1	33	PASS
Band2	3MHz	256QAM	18900	1RB#0	17.97	16.87	33	PASS
Band2	3MHz	256QAM	18900	1RB#8	18.05	16.95	33	PASS
Band2	3MHz	256QAM	18900	1RB#14	18.07	16.97	33	PASS
Band2	3MHz	256QAM	18900	15RB#0	17.98	16.88	33	PASS
Band2	3MHz	256QAM	19185	1RB#0	17.92	16.82	33	PASS



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Band2	3MHz	256QAM	19185	1RB#8	18.18	17.08	33	PASS
Band2	3MHz	256QAM	19185	1RB#14	18.07	16.97	33	PASS
Band2	3MHz	256QAM	19185	15RB#0	17.87	16.77	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.27	22.17	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.09	21.99	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.98	21.88	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.13	21.03	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.95	21.85	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.96	21.86	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.84	21.74	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.94	20.84	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.88	21.78	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.97	21.87	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.96	21.86	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.89	20.79	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.28	21.18	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.49	21.39	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.36	20.26	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.16	20.06	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.08	20.98	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.01	20.91	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.11	21.01	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.96	19.86	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.06	20.96	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.16	21.06	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.04	20.94	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.36	19.26	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.4	20.3	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.27	20.17	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.29	20.19	33	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.18	19.08	33	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.03	19.93	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.25	20.15	33	PASS



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Band2	5MHz	64QAM	18900	1RB#24	21.13	20.03	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	19.95	18.85	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.12	20.02	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.11	20.01	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.19	20.09	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	19.92	18.82	33	PASS
Band2	5MHz	256QAM	18625	1RB#0	18.21	17.11	33	PASS
Band2	5MHz	256QAM	18625	1RB#12	18.23	17.13	33	PASS
Band2	5MHz	256QAM	18625	1RB#24	18.12	17.02	33	PASS
Band2	5MHz	256QAM	18625	25RB#0	18.16	17.06	33	PASS
Band2	5MHz	256QAM	18900	1RB#0	18.07	16.97	33	PASS
Band2	5MHz	256QAM	18900	1RB#12	18.07	16.97	33	PASS
Band2	5MHz	256QAM	18900	1RB#24	18.21	17.11	33	PASS
Band2	5MHz	256QAM	18900	25RB#0	17.99	16.89	33	PASS
Band2	5MHz	256QAM	19175	1RB#0	17.79	16.69	33	PASS
Band2	5MHz	256QAM	19175	1RB#12	18.28	17.18	33	PASS
Band2	5MHz	256QAM	19175	1RB#24	18	16.9	33	PASS
Band2	5MHz	256QAM	19175	25RB#0	17.9	16.8	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.12	22.02	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.13	22.03	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.13	22.03	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.13	21.03	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.98	21.88	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.94	21.84	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.88	21.78	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.95	20.85	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.96	21.86	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.98	21.88	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.02	21.92	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.98	20.88	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.2	21.1	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.21	21.11	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.17	21.07	33	PASS



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Band2	10MHz	16QAM	18650	50RB#0	21.23	20.13	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.96	20.86	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.22	21.12	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.11	21.01	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21	19.9	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.95	20.85	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.97	20.87	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.85	20.75	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.97	19.87	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.22	20.12	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.15	20.05	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.28	20.18	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.2	19.1	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	21	19.9	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.14	20.04	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.11	20.01	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	20	18.9	33	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.27	20.17	33	PASS
Band2	10MHz	64QAM	19150	1RB#24	21.16	20.06	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	20.99	19.89	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	20	18.9	33	PASS
Band2	10MHz	256QAM	18650	1RB#0	18.16	17.06	33	PASS
Band2	10MHz	256QAM	18650	1RB#24	18.28	17.18	33	PASS
Band2	10MHz	256QAM	18650	1RB#49	18.11	17.01	33	PASS
Band2	10MHz	256QAM	18650	50RB#0	18.19	17.09	33	PASS
Band2	10MHz	256QAM	18900	1RB#0	17.99	16.89	33	PASS
Band2	10MHz	256QAM	18900	1RB#24	18.1	17	33	PASS
Band2	10MHz	256QAM	18900	1RB#49	18.13	17.03	33	PASS
Band2	10MHz	256QAM	18900	50RB#0	17.94	16.84	33	PASS
Band2	10MHz	256QAM	19150	1RB#0	17.79	16.69	33	PASS
Band2	10MHz	256QAM	19150	1RB#24	18.21	17.11	33	PASS
Band2	10MHz	256QAM	19150	1RB#49	18.06	16.96	33	PASS
Band2	10MHz	256QAM	19150	50RB#0	17.96	16.86	33	PASS



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Band2	15MHz	QPSK	18675	1RB#0	23.01	21.91	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.42	22.32	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.98	21.88	33	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.03	20.93	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.96	21.86	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.72	21.62	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.89	21.79	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.96	20.86	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.85	21.75	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.76	21.66	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.68	21.58	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.83	20.73	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22	20.9	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.14	21.04	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.1	21	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.05	19.95	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.89	20.79	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.05	20.95	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.72	20.62	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.92	19.82	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.81	20.71	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.94	20.84	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.52	20.42	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.76	19.66	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.16	20.06	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.15	20.05	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.2	20.1	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.01	18.91	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	20.98	19.88	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	20.91	19.81	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	20.9	19.8	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	19.87	18.77	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	20.86	19.76	33	PASS



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Band2	15MHz	64QAM	19125	1RB#38	21.04	19.94	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	20.87	19.77	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	19.84	18.74	33	PASS
Band2	15MHz	256QAM	18675	1RB#0	17.84	16.74	33	PASS
Band2	15MHz	256QAM	18675	1RB#38	18.06	16.96	33	PASS
Band2	15MHz	256QAM	18675	1RB#74	18.14	17.04	33	PASS
Band2	15MHz	256QAM	18675	75RB#0	18.01	16.91	33	PASS
Band2	15MHz	256QAM	18900	1RB#0	17.9	16.8	33	PASS
Band2	15MHz	256QAM	18900	1RB#38	17.76	16.66	33	PASS
Band2	15MHz	256QAM	18900	1RB#74	18.07	16.97	33	PASS
Band2	15MHz	256QAM	18900	75RB#0	17.86	16.76	33	PASS
Band2	15MHz	256QAM	19125	1RB#0	17.83	16.73	33	PASS
Band2	15MHz	256QAM	19125	1RB#38	17.83	16.73	33	PASS
Band2	15MHz	256QAM	19125	1RB#74	18.08	16.98	33	PASS
Band2	15MHz	256QAM	19125	75RB#0	17.64	16.54	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.92	21.82	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.08	21.98	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.81	21.71	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.97	20.87	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.74	21.64	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.2	22.1	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.68	21.58	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.82	20.72	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.98	21.88	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.62	21.52	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.76	21.66	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.82	20.72	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.05	20.95	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.97	20.87	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.98	20.88	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.97	19.87	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.81	20.71	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	22	20.9	33	PASS



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Band2	20MHz	16QAM	18900	1RB#99	21.86	20.76	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.89	19.79	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.84	20.74	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.93	20.83	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.63	20.53	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.84	19.74	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.03	19.93	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.09	19.99	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.1	20	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	19.96	18.86	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	20.85	19.75	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	20.93	19.83	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	20.87	19.77	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	19.87	18.77	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	20.91	19.81	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.15	20.05	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	20.94	19.84	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	19.81	18.71	33	PASS
Band2	20MHz	256QAM	18700	1RB#0	18.01	16.91	33	PASS
Band2	20MHz	256QAM	18700	1RB#49	18.01	16.91	33	PASS
Band2	20MHz	256QAM	18700	1RB#99	18	16.9	33	PASS
Band2	20MHz	256QAM	18700	100RB#0	18.04	16.94	33	PASS
Band2	20MHz	256QAM	18900	1RB#0	17.74	16.64	33	PASS
Band2	20MHz	256QAM	18900	1RB#49	17.79	16.69	33	PASS
Band2	20MHz	256QAM	18900	1RB#99	18.03	16.93	33	PASS
Band2	20MHz	256QAM	18900	100RB#0	17.98	16.88	33	PASS
Band2	20MHz	256QAM	19100	1RB#0	17.95	16.85	33	PASS
Band2	20MHz	256QAM	19100	1RB#49	17.96	16.86	33	PASS
Band2	20MHz	256QAM	19100	1RB#99	17.86	16.76	33	PASS
Band2	20MHz	256QAM	19100	100RB#0	17.85	16.75	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	5.38	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.36	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.36	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.22	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.18	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.28	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.64	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.64	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.70	13	PASS
Band2	20MHz	256QAM	18700	100RB#0	7.02	13	PASS
Band2	20MHz	256QAM	18900	100RB#0	6.96	13	PASS
Band2	20MHz	256QAM	19100	100RB#0	6.90	13	PASS



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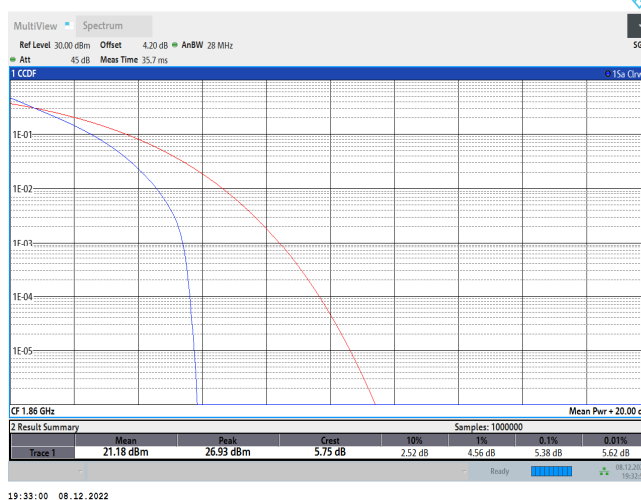
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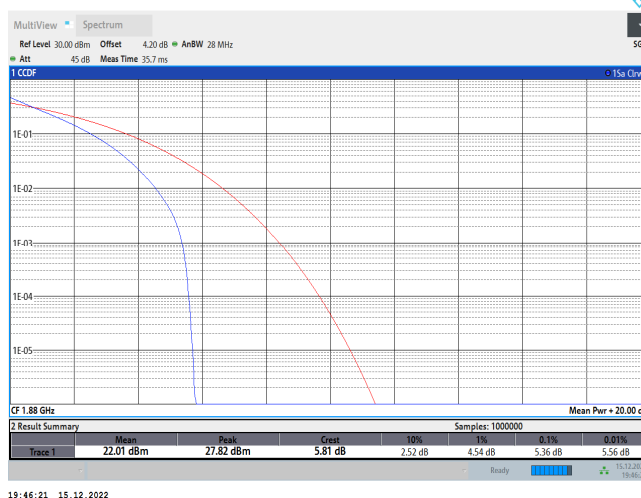
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Test Graphs

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



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



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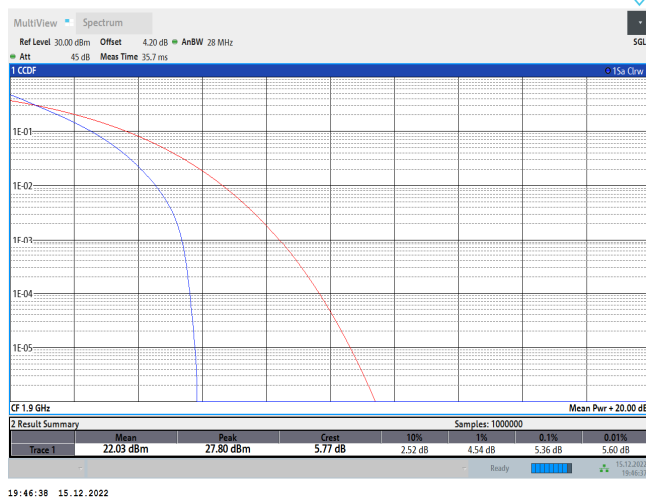
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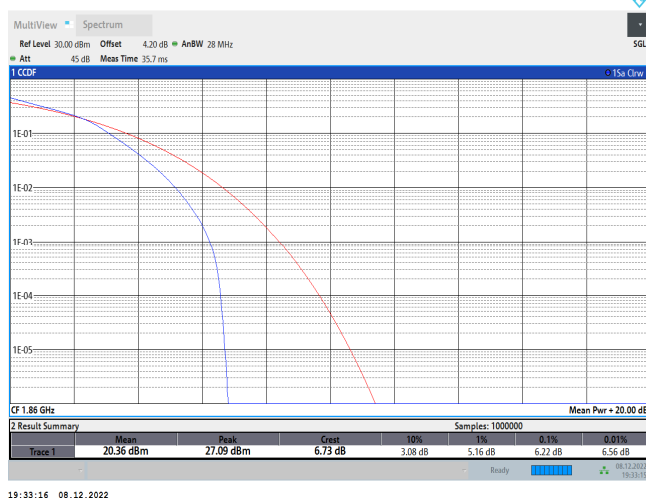
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Band2-20MHz-QPSK-19100-100RB#0



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



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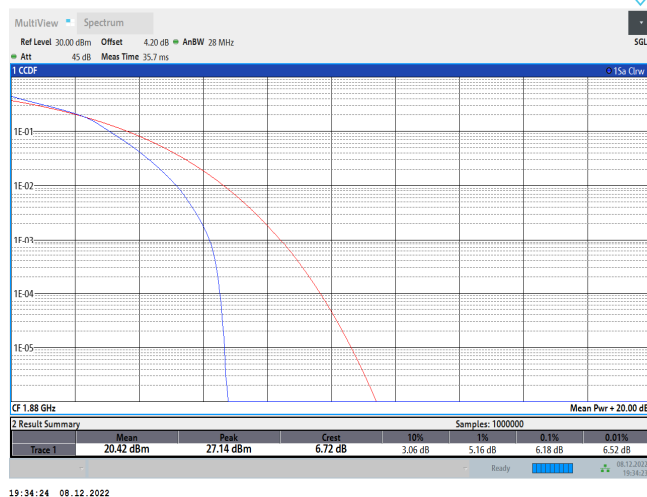
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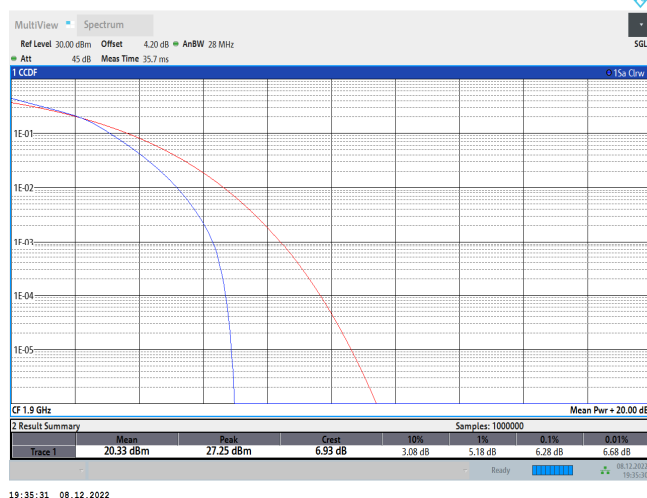
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Band2-20MHz-16QAM-18900-100RB#0



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



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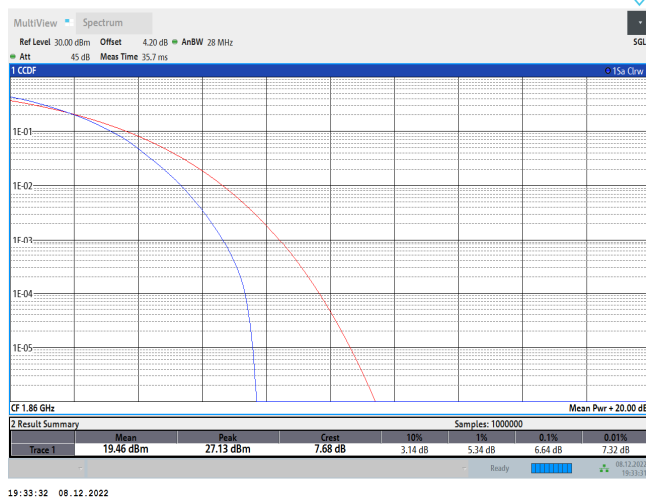
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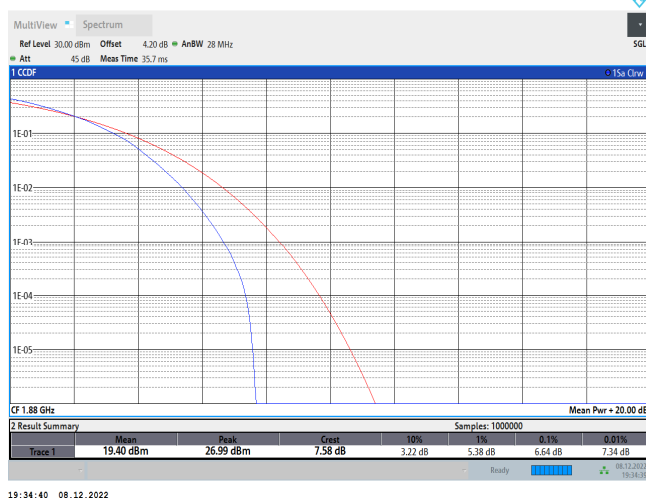
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Band2-20MHz-64QAM-18700-100RB#0



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



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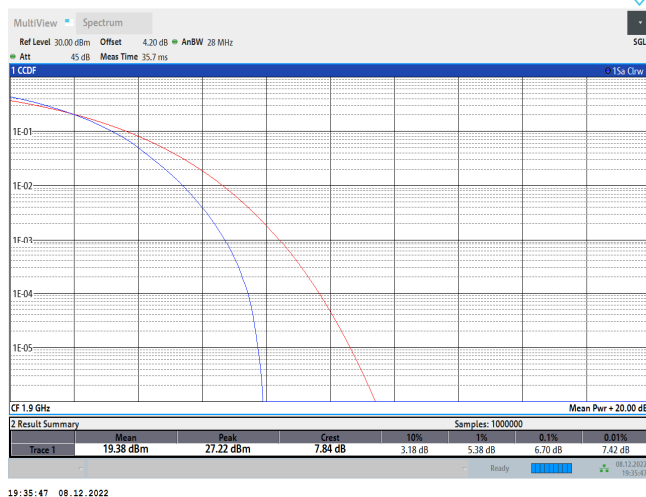
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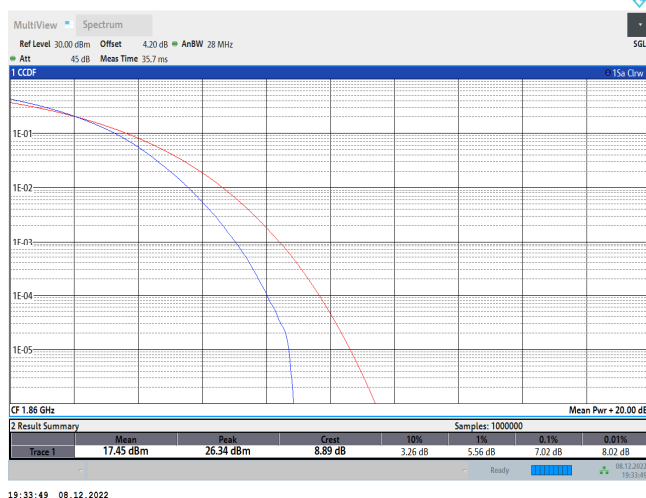
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Band2-20MHz-64QAM-19100-100RB#0



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



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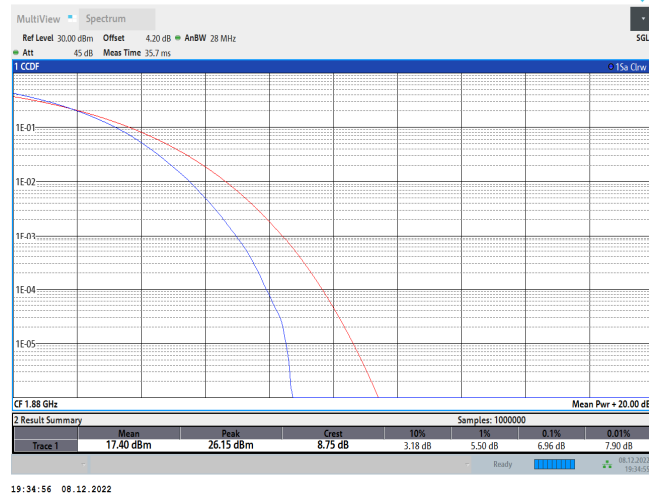
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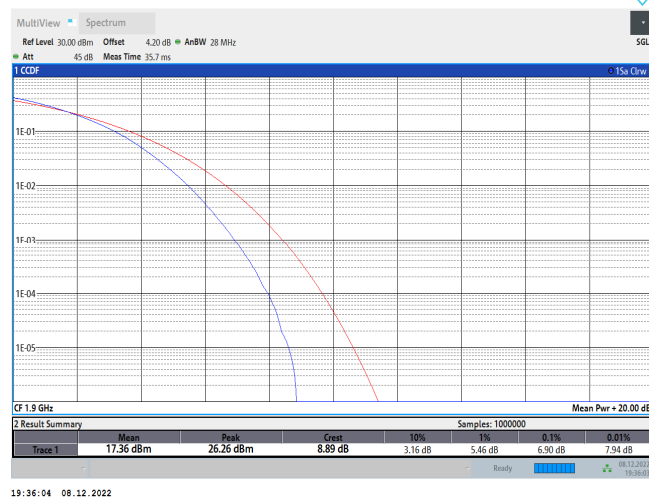
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Band2-20MHz-256QAM-18900-100RB#0



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



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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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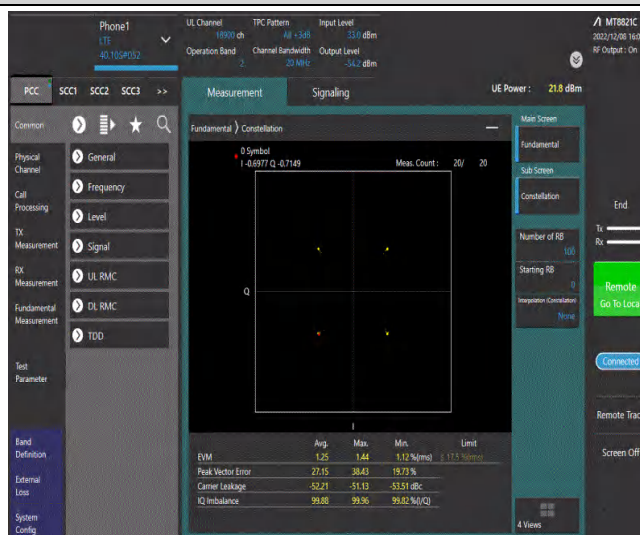
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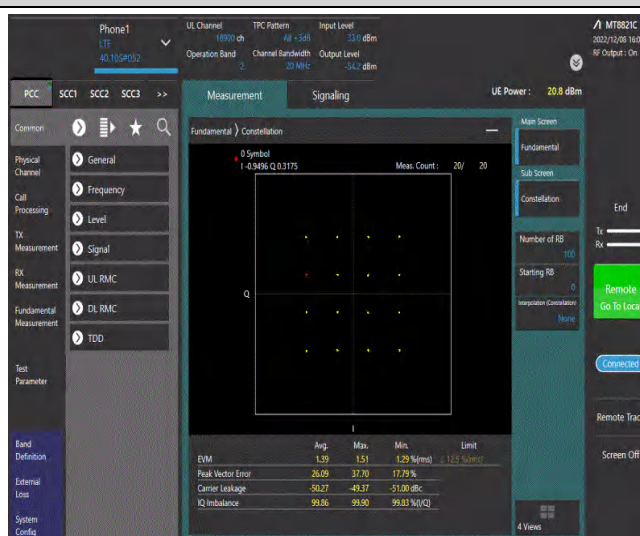
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Test Graphs

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



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



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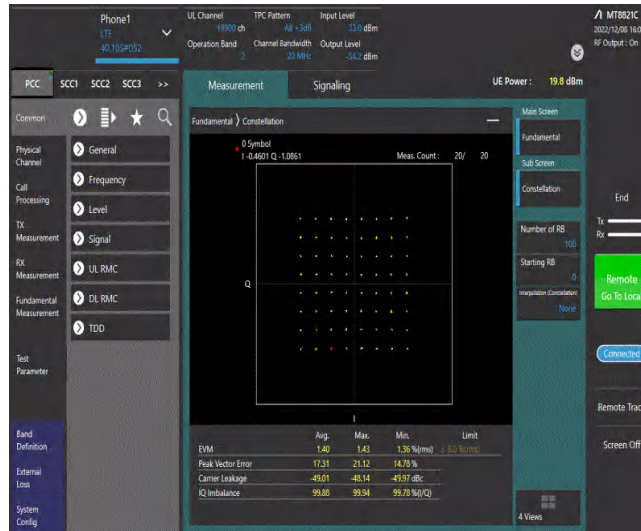
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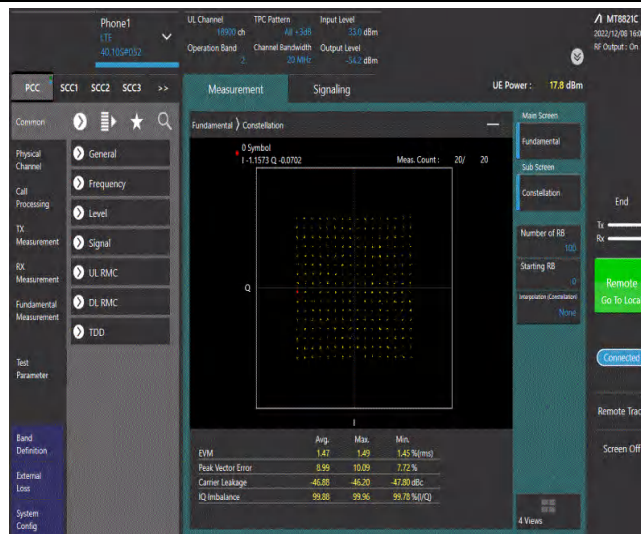
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Band2-20MHz-64QAM-18900-100RB#0



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	1.107	1.39	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.107	1.37	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.105	1.37	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.11	1.40	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.105	1.39	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.11	1.38	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.107	1.44	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.105	1.37	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.108	1.42	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	1.101	1.38	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	1.106	1.40	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	1.101	1.39	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	3.03	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.701	3.05	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.696	3.06	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.697	3.06	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.698	3.08	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.693	3.04	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.7	3.06	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.698	3.05	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.694	3.03	PASS
Band2	3MHz	256QAM	18615	15RB#0	2.699	3.08	PASS
Band2	3MHz	256QAM	18900	15RB#0	2.693	3.03	PASS
Band2	3MHz	256QAM	19185	15RB#0	2.698	3.01	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.484	5.04	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.475	5.06	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.479	5.03	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.48	5.03	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.474	5.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.482	5.06	PASS



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Band2	5MHz	64QAM	18900	25RB#0	4.48	5.06	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.477	5.06	PASS
Band2	5MHz	256QAM	18625	25RB#0	4.476	5.06	PASS
Band2	5MHz	256QAM	18900	25RB#0	4.482	5.02	PASS
Band2	5MHz	256QAM	19175	25RB#0	4.482	5.09	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.95	9.86	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.955	9.84	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.949	9.82	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.95	9.92	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.949	9.96	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.938	9.88	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.944	9.84	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.946	9.82	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.949	9.78	PASS
Band2	10MHz	256QAM	18650	50RB#0	8.95	9.78	PASS
Band2	10MHz	256QAM	18900	50RB#0	8.939	9.82	PASS
Band2	10MHz	256QAM	19150	50RB#0	8.941	9.92	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.504	15.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.472	14.97	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.469	15.15	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.515	15.06	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.475	15.06	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.478	14.97	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.479	14.97	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.485	15.06	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.472	14.97	PASS
Band2	15MHz	256QAM	18675	75RB#0	13.497	14.97	PASS
Band2	15MHz	256QAM	18900	75RB#0	13.468	14.94	PASS
Band2	15MHz	256QAM	19125	75RB#0	13.492	14.97	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.941	19.80	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.9	19.60	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.886	19.64	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.934	19.76	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.933	19.76	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.898	19.64	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.956	19.60	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.9	19.52	PASS



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Band2	20MHz	64QAM	19100	100RB#0	17.909	19.56	PASS
Band2	20MHz	256QAM	18700	100RB#0	17.924	19.68	PASS
Band2	20MHz	256QAM	18900	100RB#0	17.903	19.52	PASS
Band2	20MHz	256QAM	19100	100RB#0	17.915	19.68	PASS



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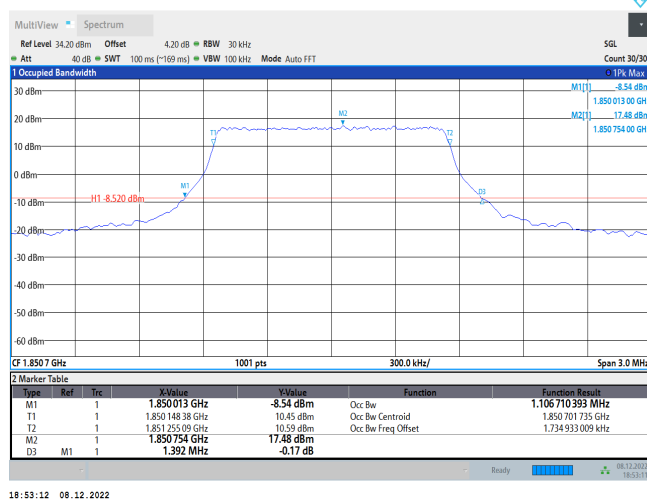
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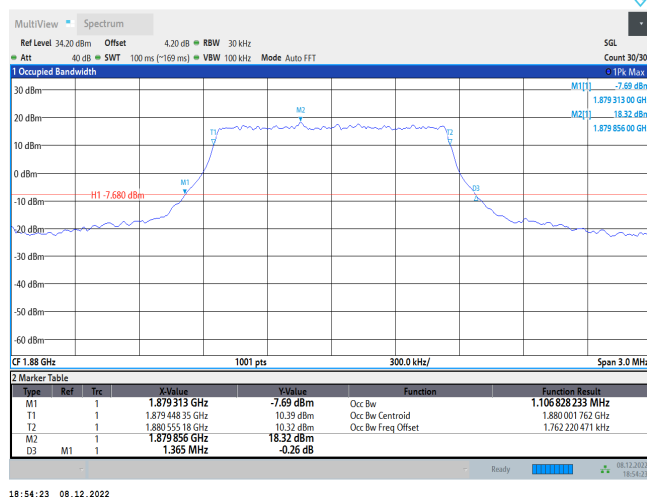
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Test Graphs

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



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



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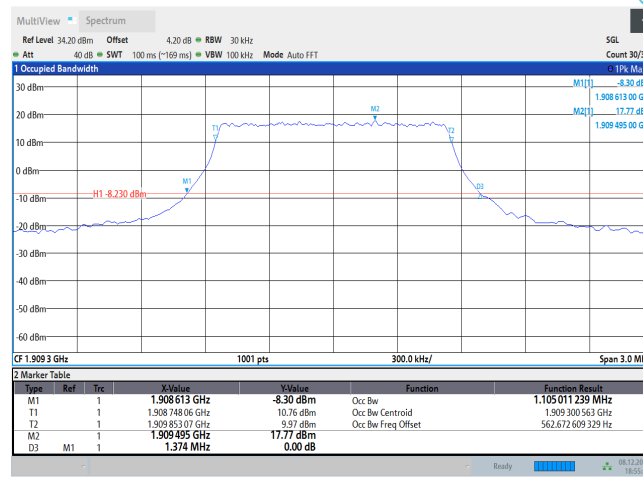
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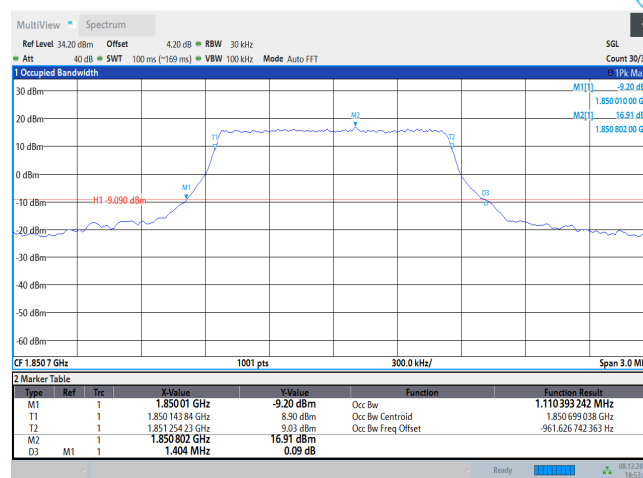
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Band2-1.4MHz-QPSK-19193-6RB#0



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



18:53:29 08.12.2022



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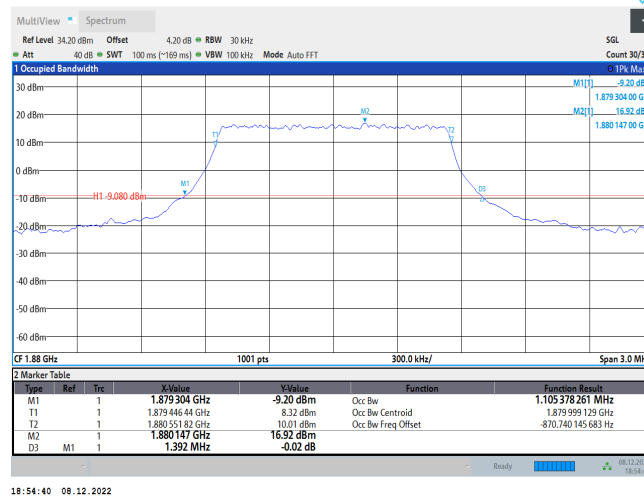
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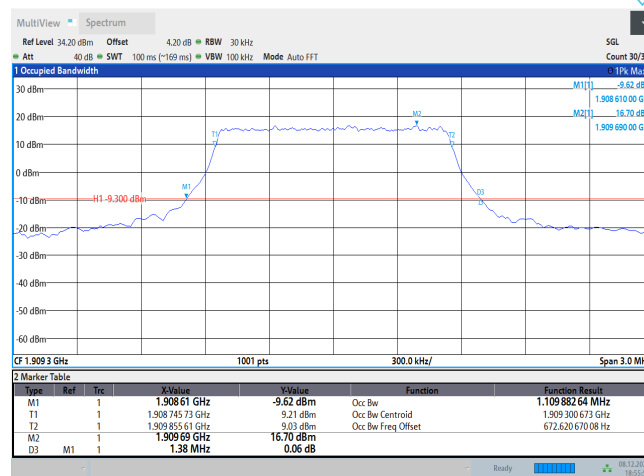
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18:55:51 08.12.2022



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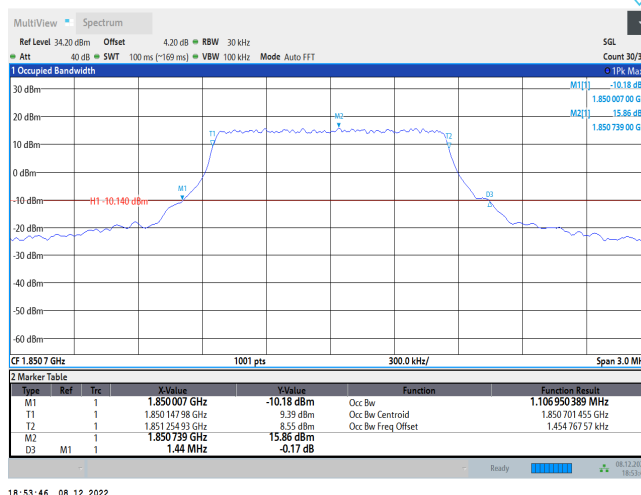
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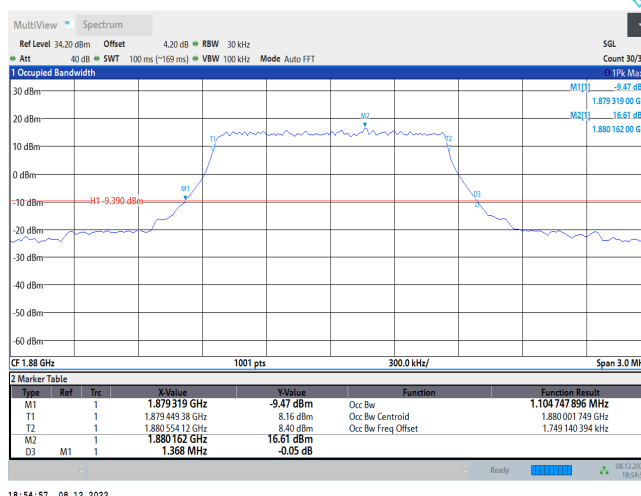
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Band2-1.4MHz-64QAM-18607-6RB#0



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



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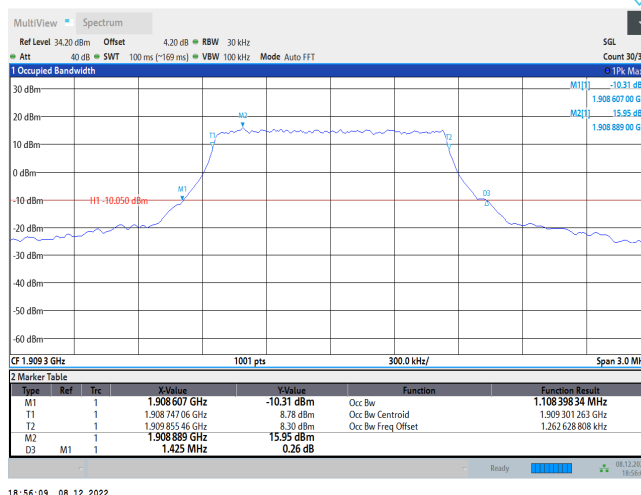
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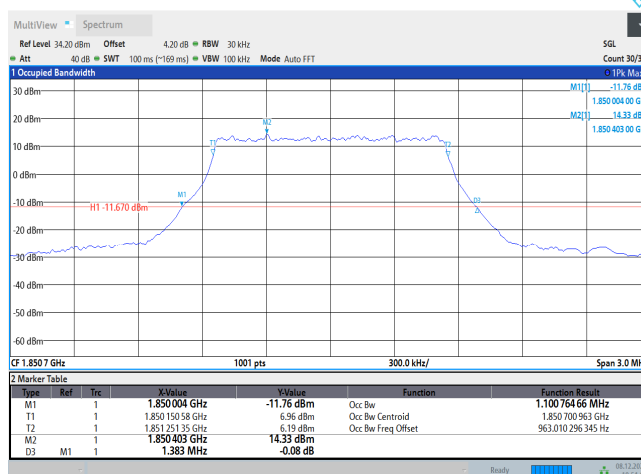
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Band2-1.4MHz-64QAM-19193-6RB#0



18:56:09 08.12.2022

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



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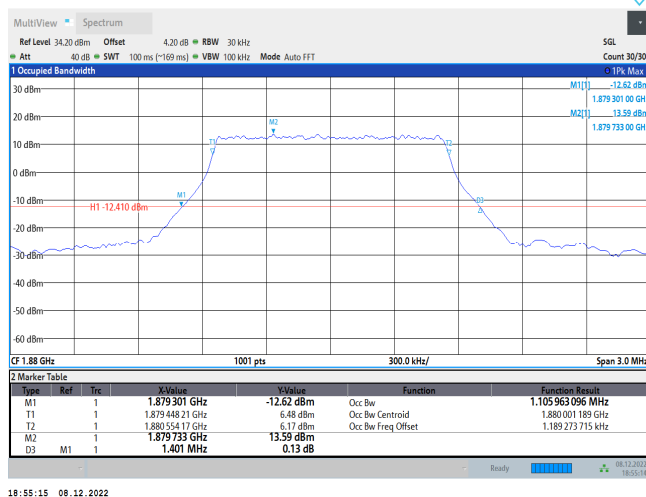
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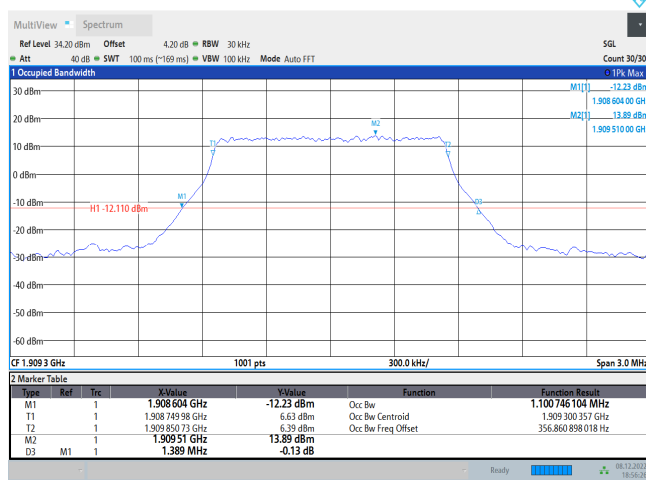
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Band2-1.4MHz-256QAM-18900-6RB#0



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



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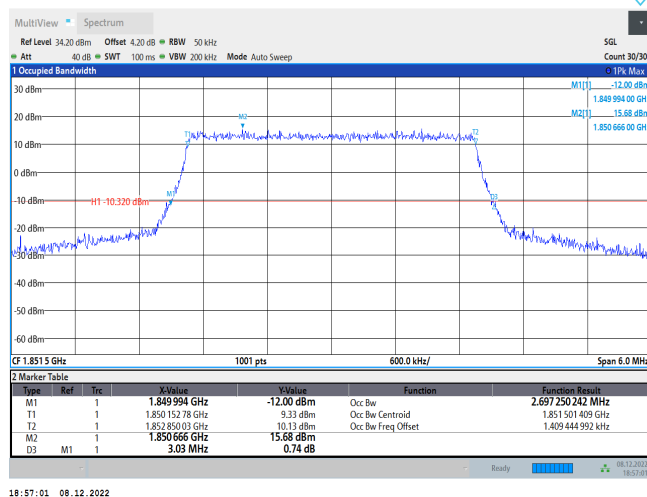
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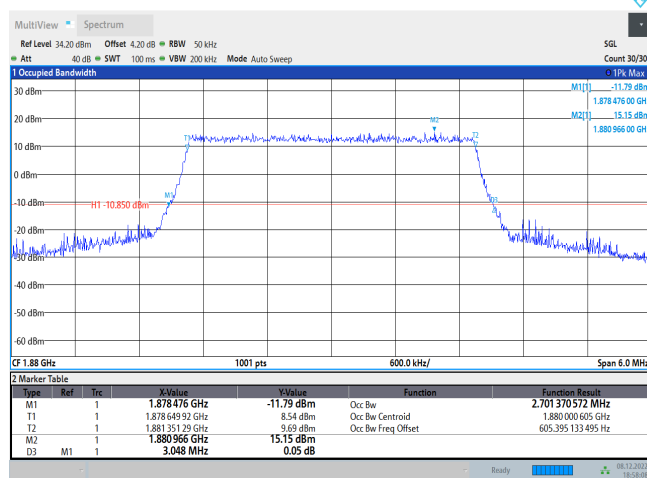
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Band2-3MHz-QPSK-18615-15RB#0



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



18:58:08 08.12.2022



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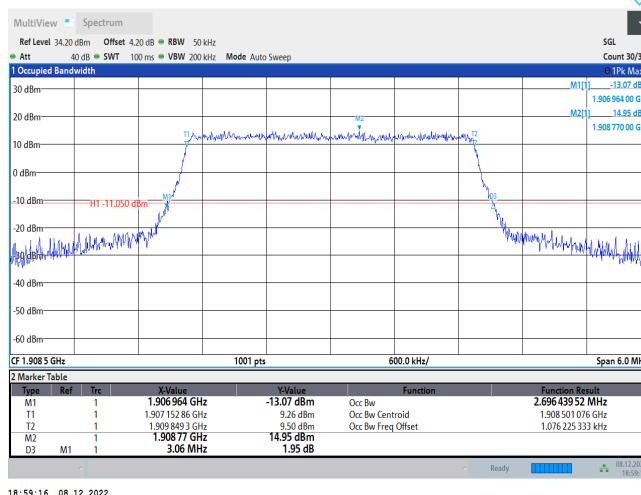
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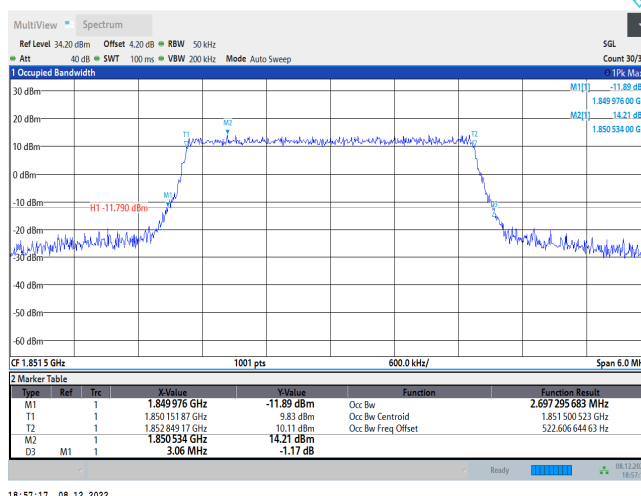
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Band2-3MHz-QPSK-19185-15RB#0



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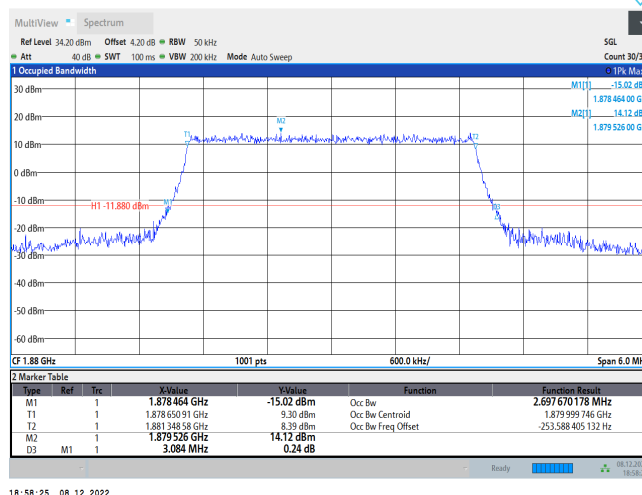
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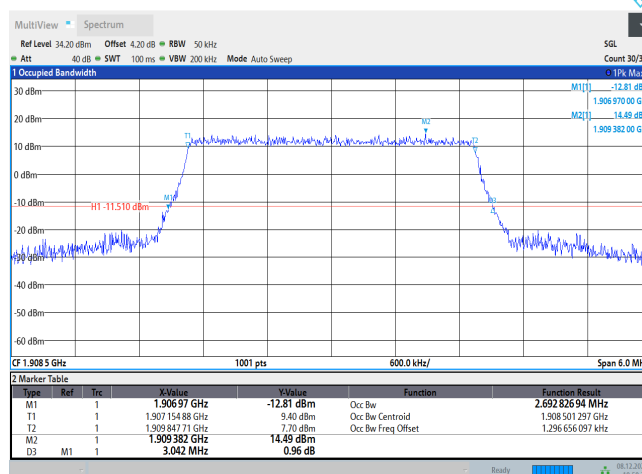
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Band2-3MHz-16QAM-18900-15RB#0



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



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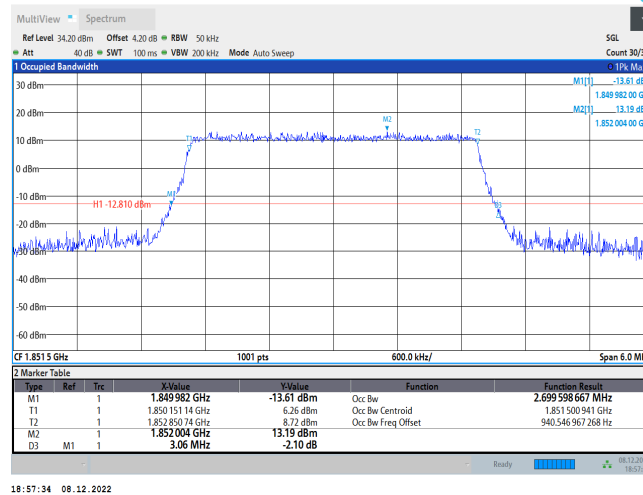
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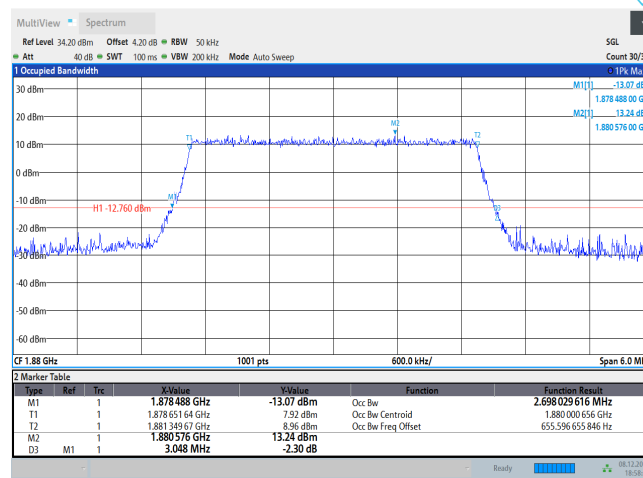
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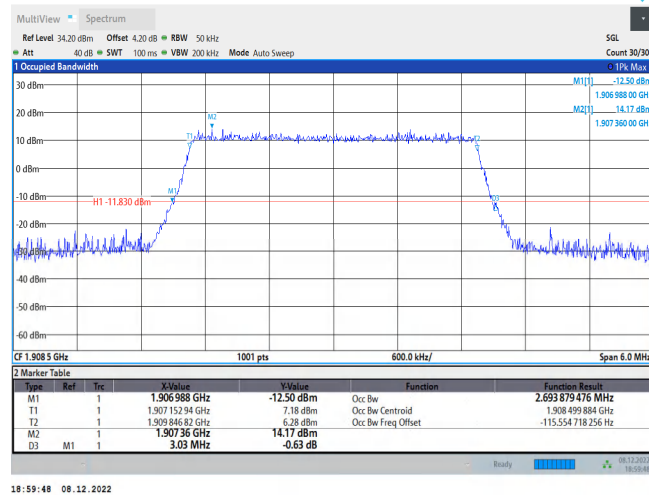
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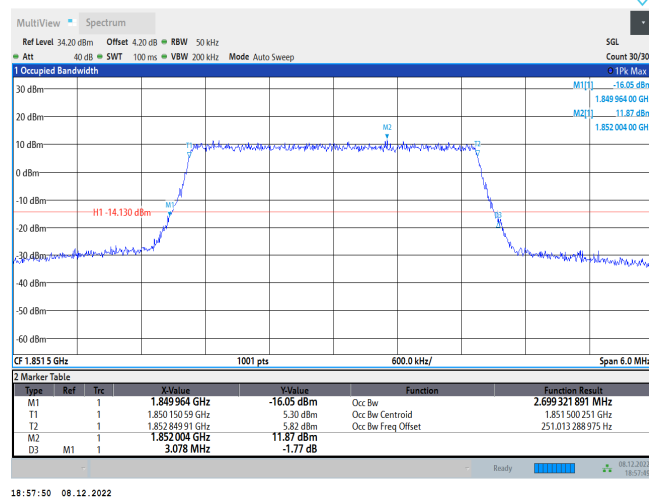
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Band2-3MHz-64QAM-19185-15RB#0



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



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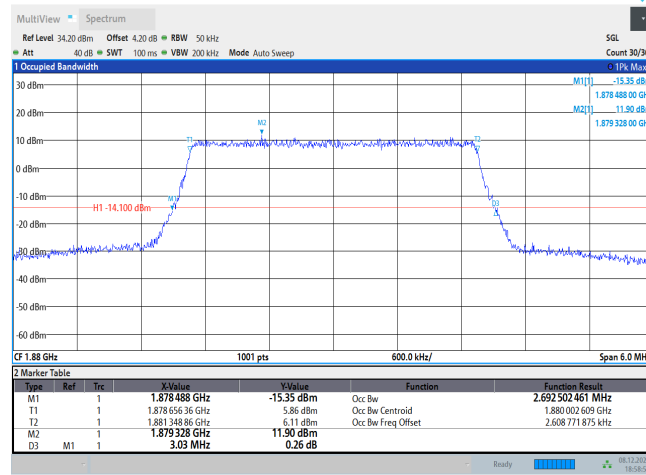
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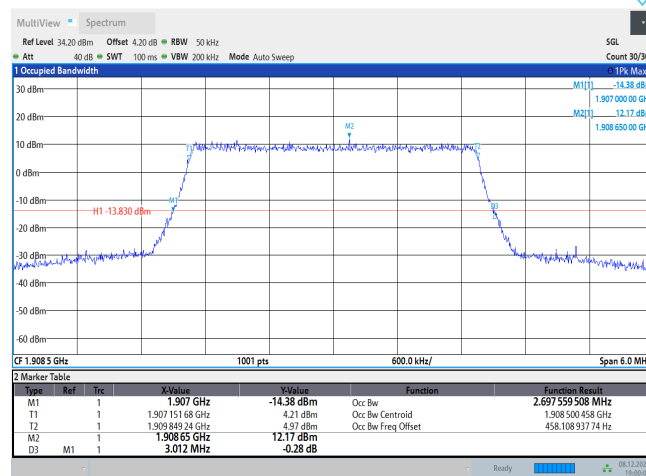
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Band2-3MHz-256QAM-19185-15RB#0



19:00:05 08.12.2022



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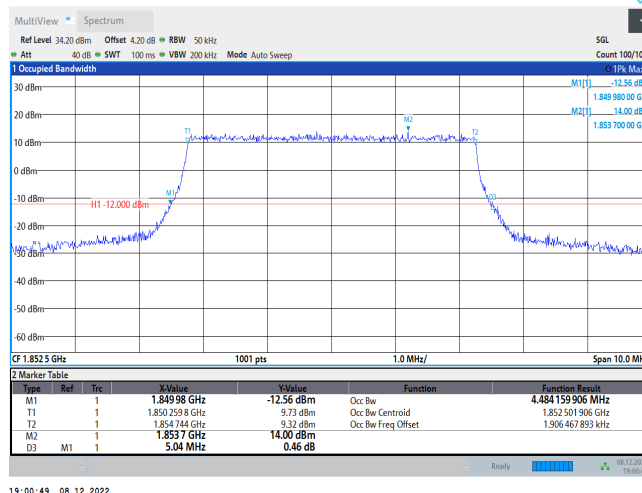
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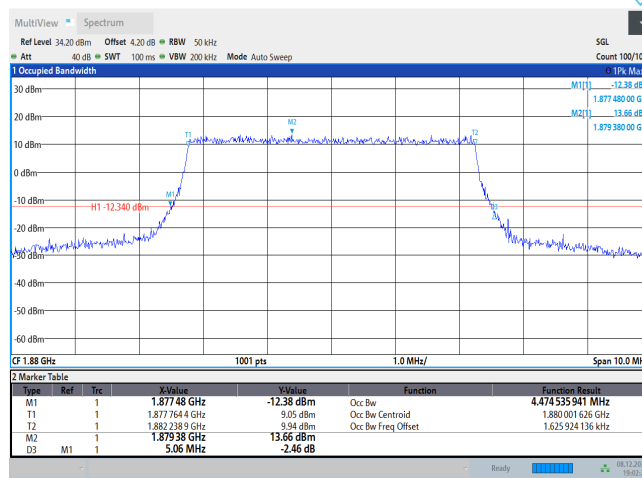
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19:00:49 08.12.2022

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



19:02:24 08.12.2022



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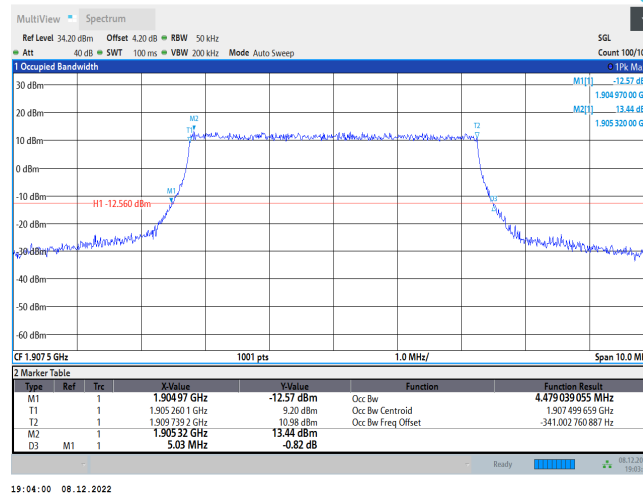
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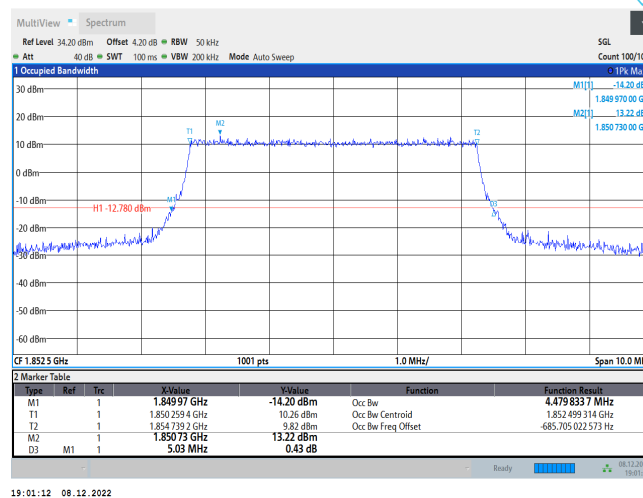
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Band2-5MHz-16QAM-18625-25RB#0



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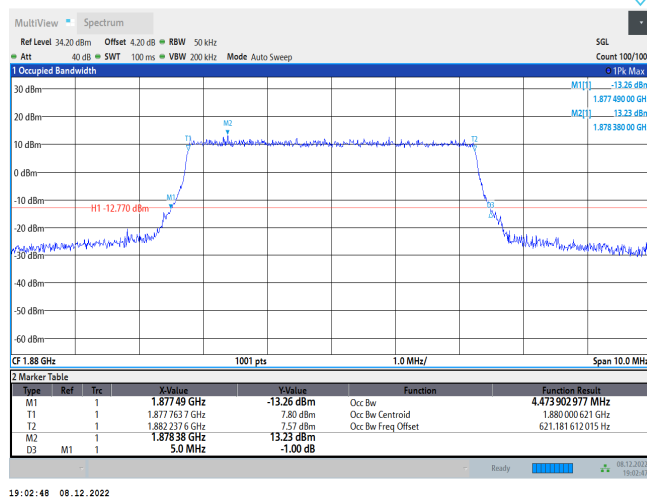
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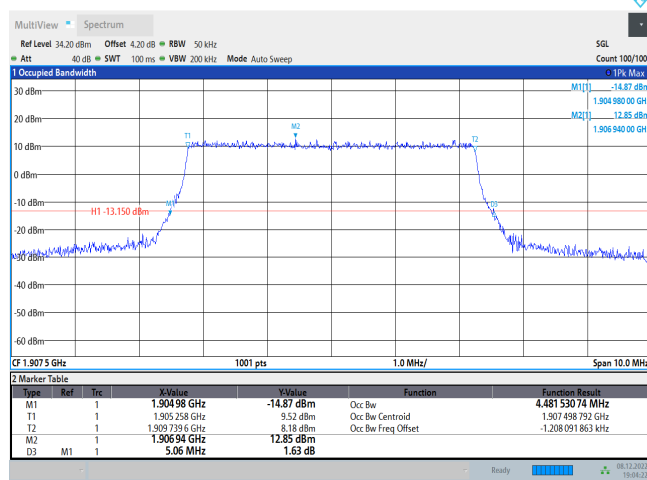
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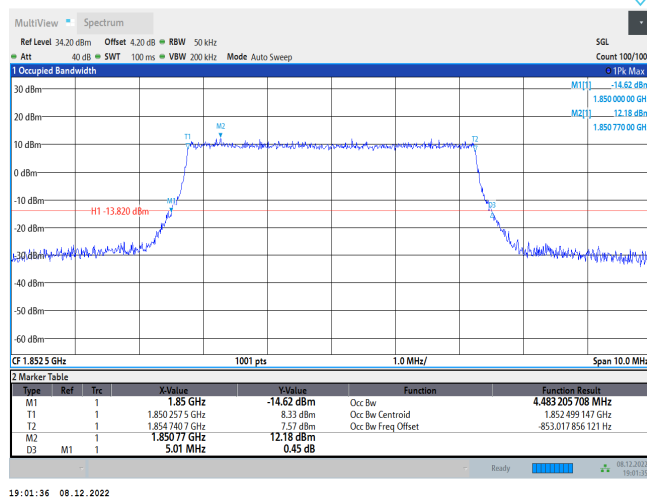
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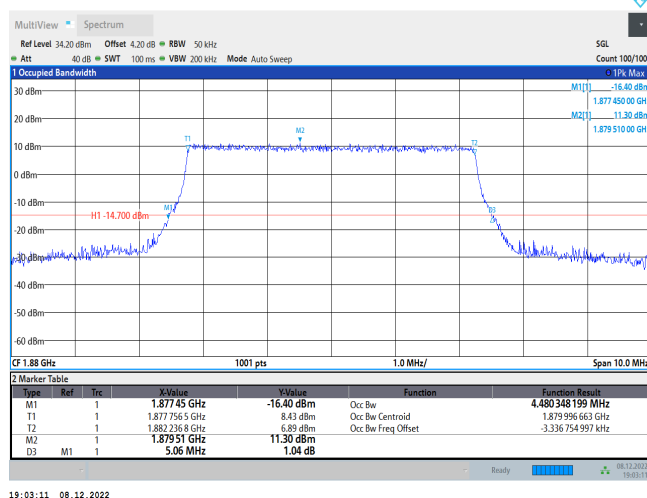
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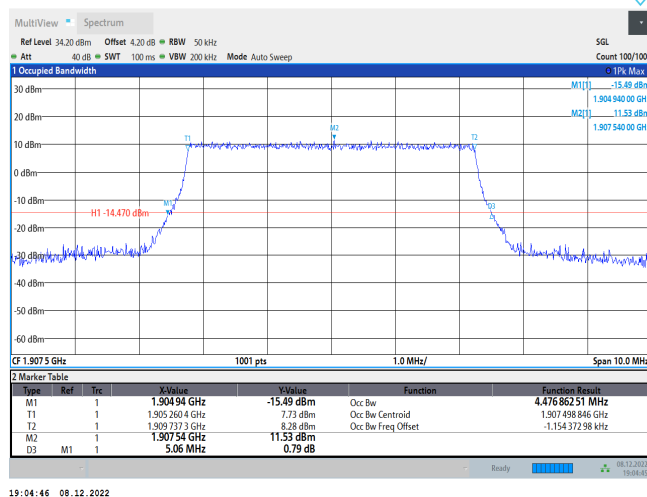
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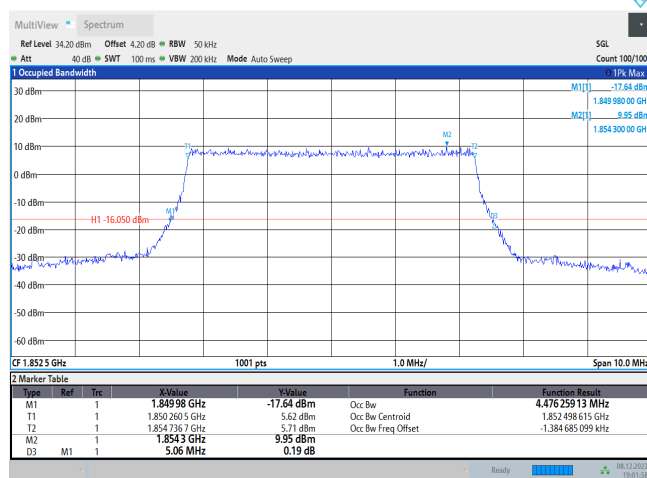
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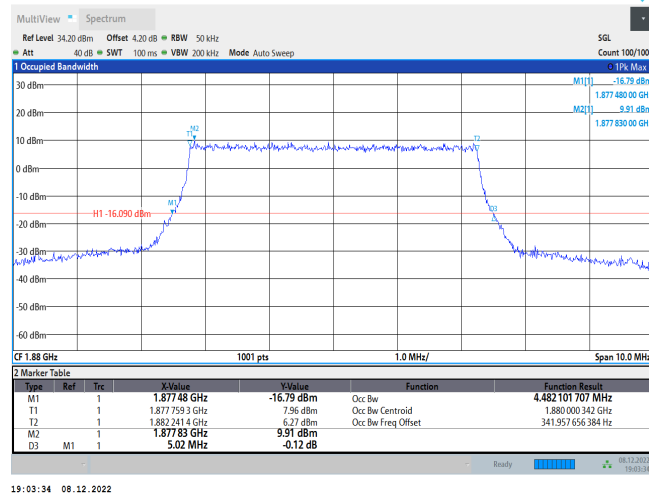
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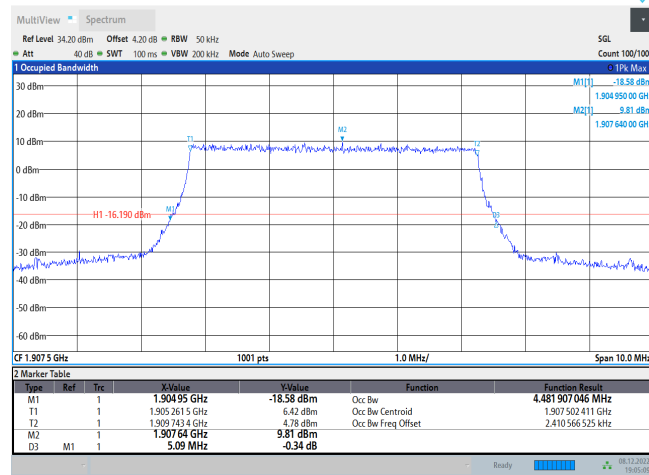
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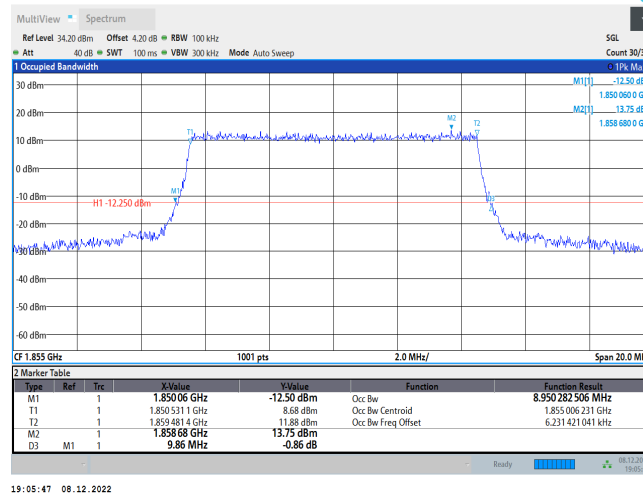
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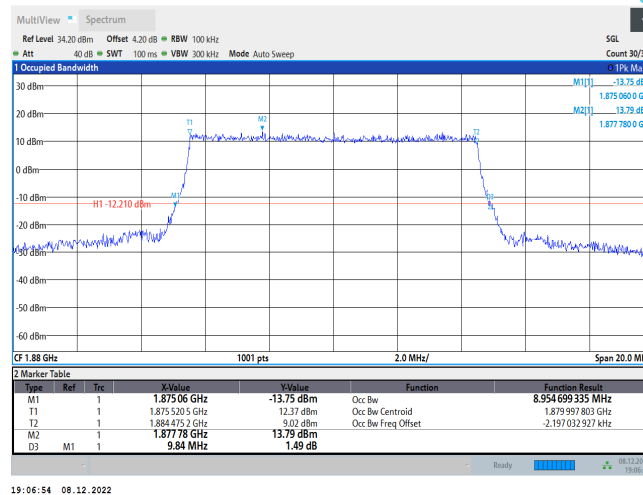
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Band2-10MHz-QPSK-18650-50RB#0



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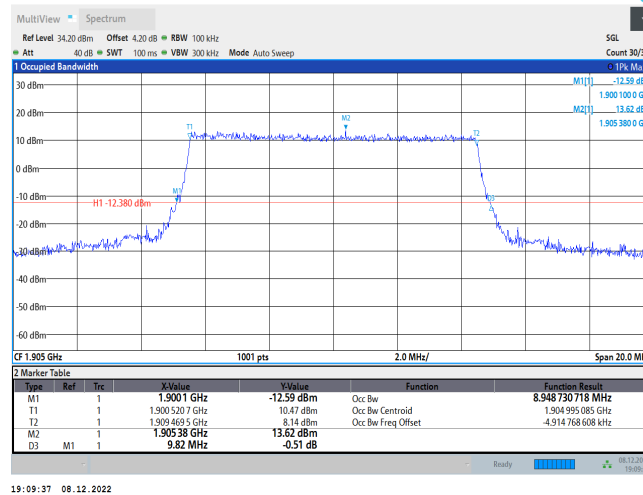
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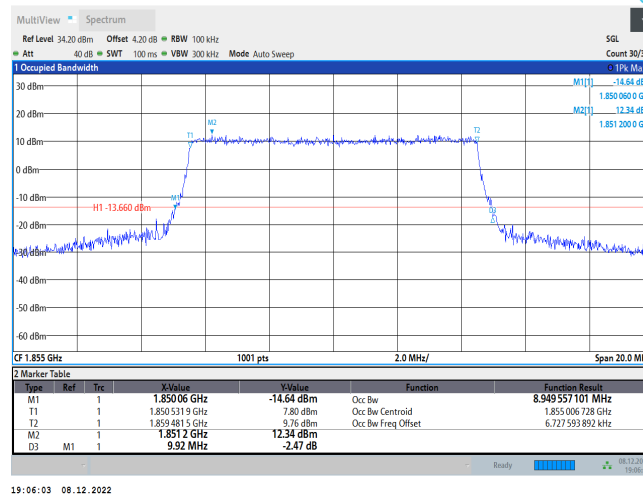
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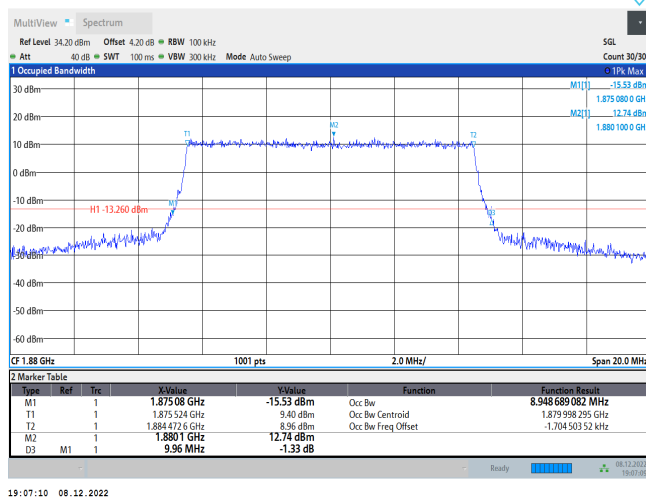
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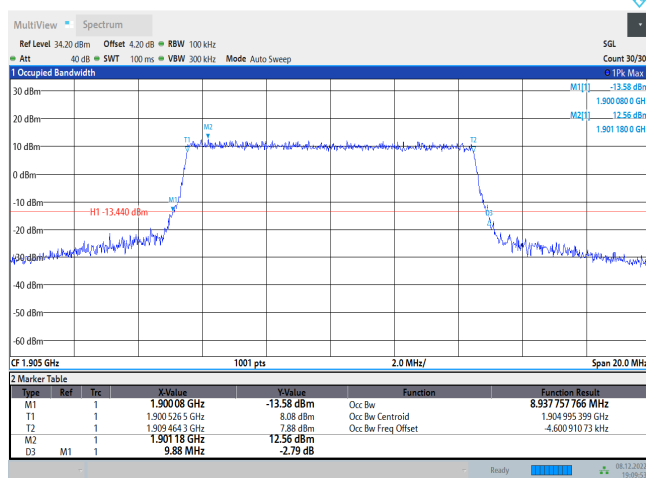
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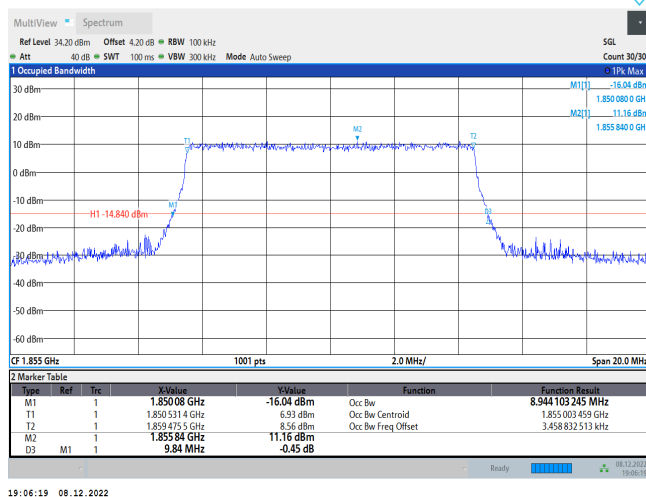
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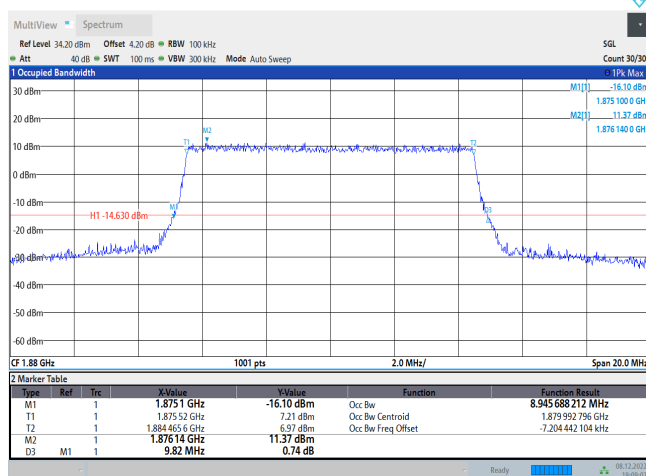
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Band2-10MHz-64QAM-18900-50RB#0



19:09:03 08.12.2022



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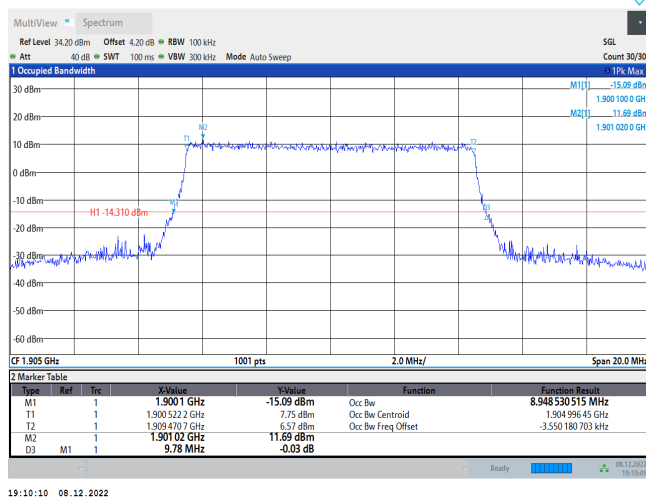
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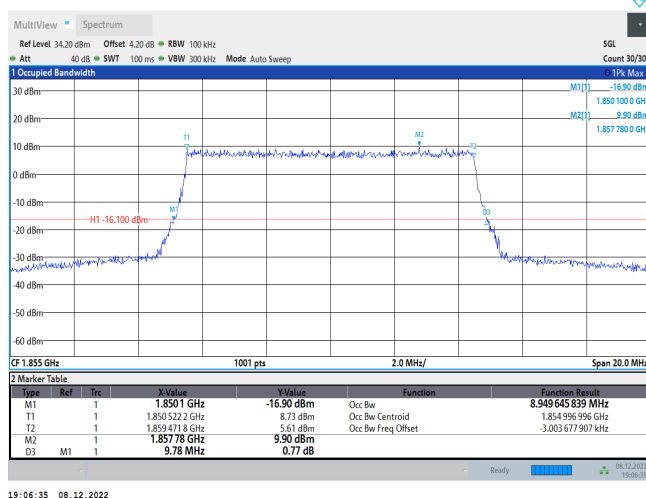
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Band2-10MHz-64QAM-19150-50RB#0



19:10:10 08.12.2022

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



19:06:35 08.12.2022



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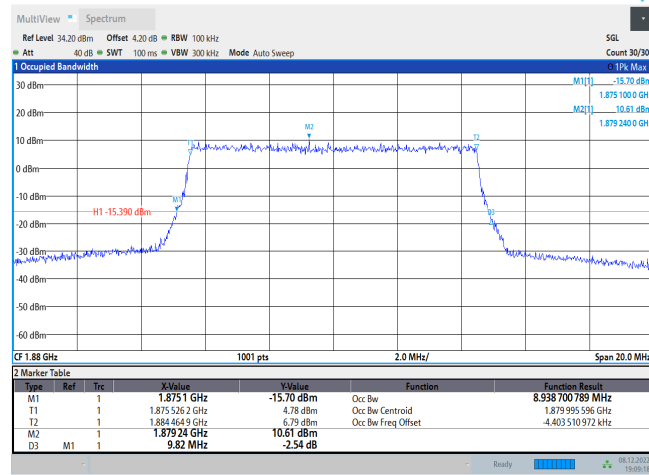
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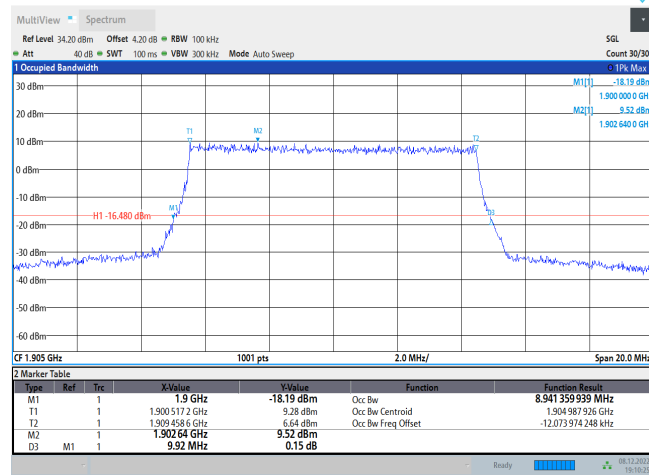
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Band2-10MHz-256QAM-19150-50RB#0



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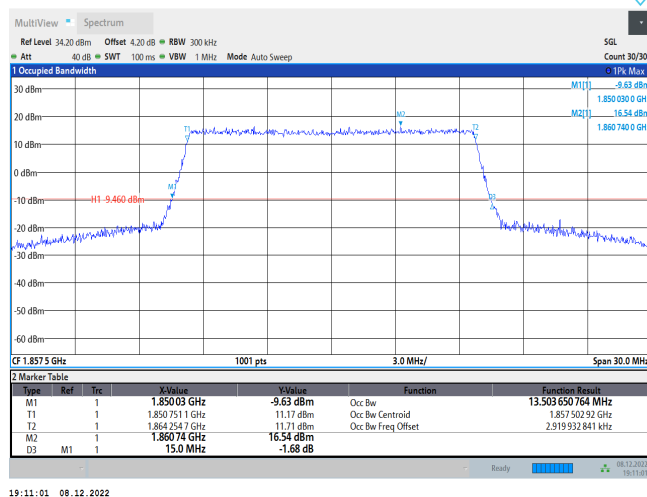
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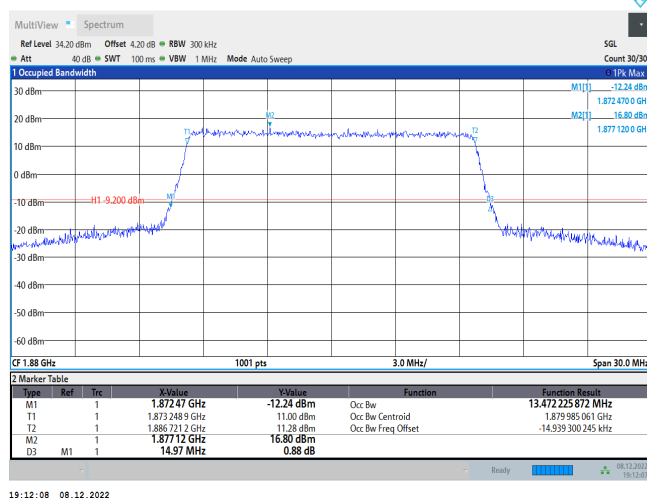
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Band2-15MHz-QPSK-18675-75RB#0



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



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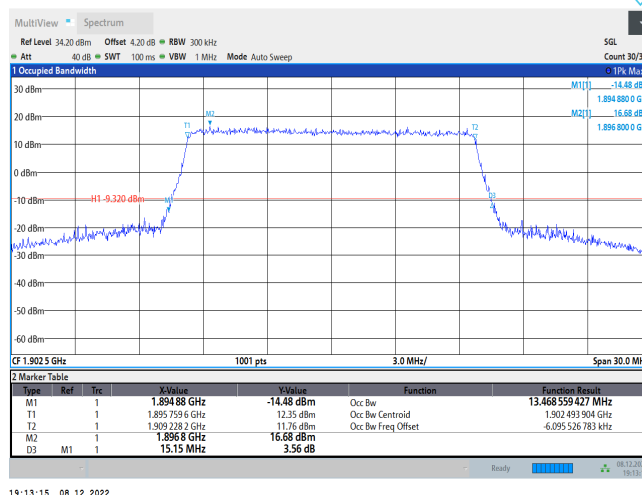
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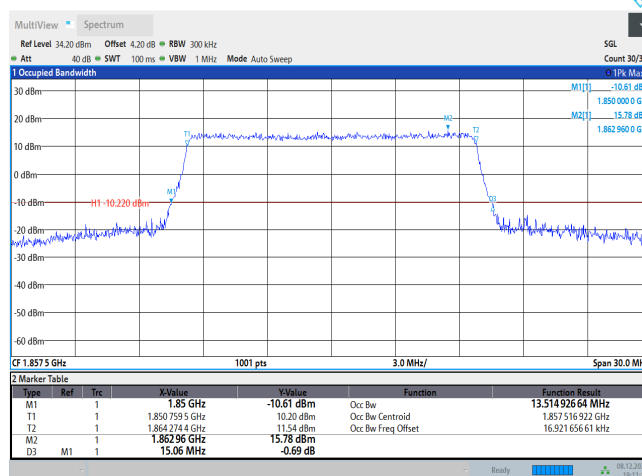
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Band2-15MHz-16QAM-18675-75RB#0



19:11:17 08.12.2022



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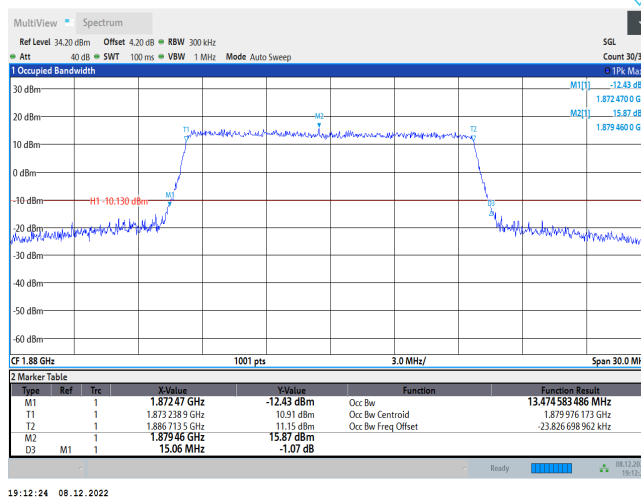
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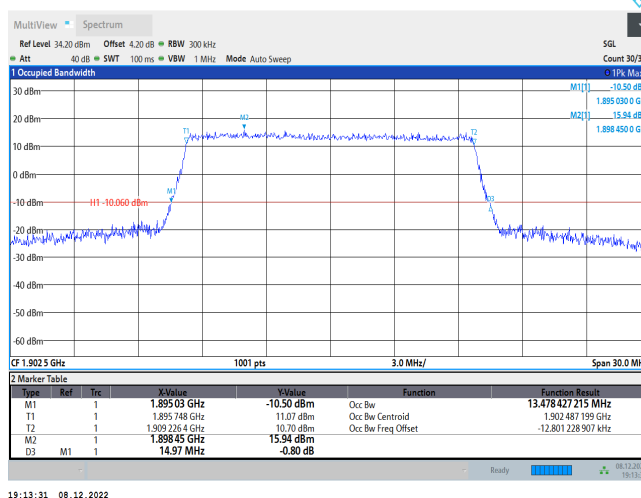
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Band2-15MHz-16QAM-18900-75RB#0



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Band2-15MHz-16QAM-19125-75RB#0



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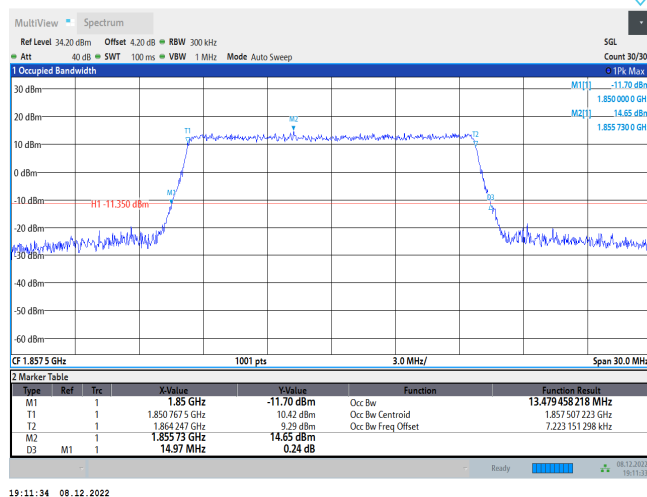
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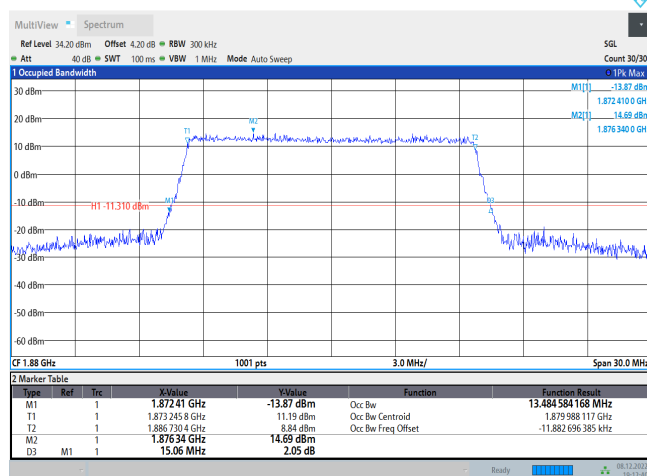
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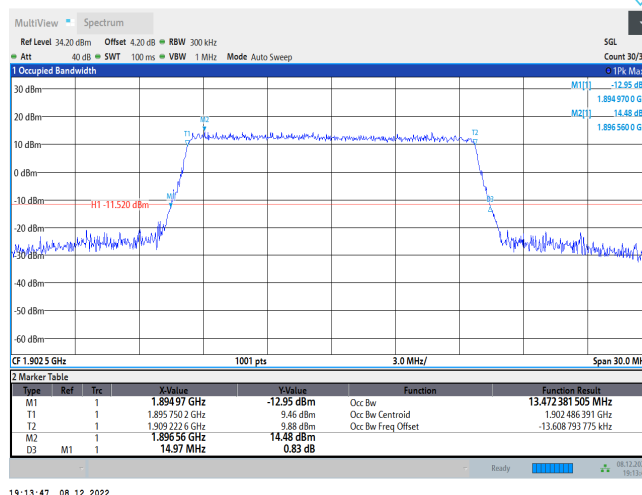
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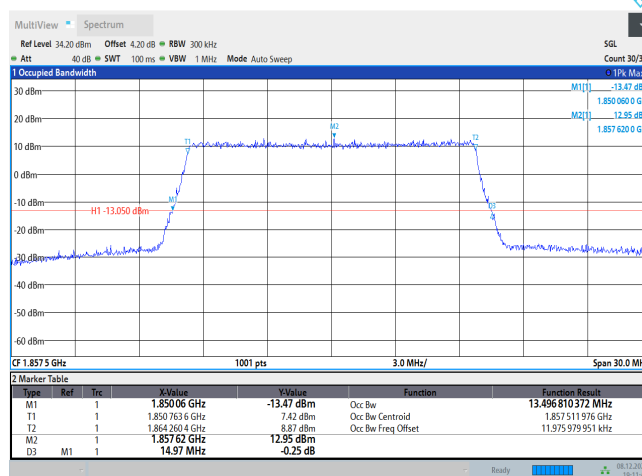
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Band2-15MHz-256QAM-18675-75RB#0



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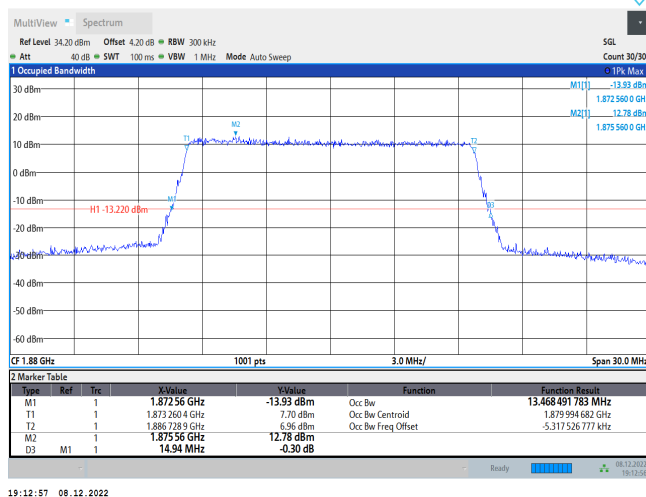
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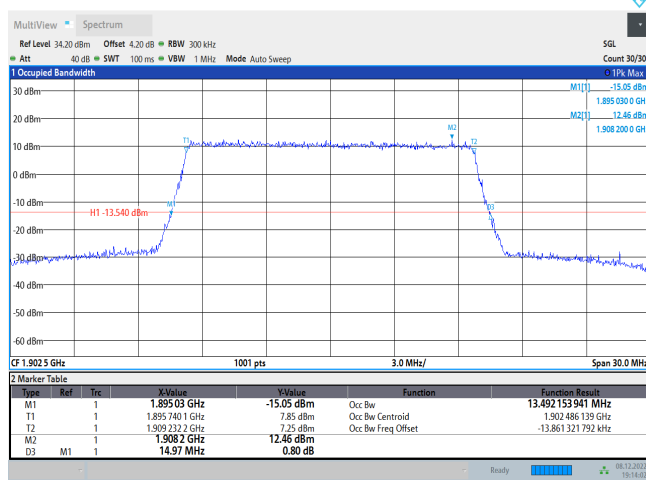
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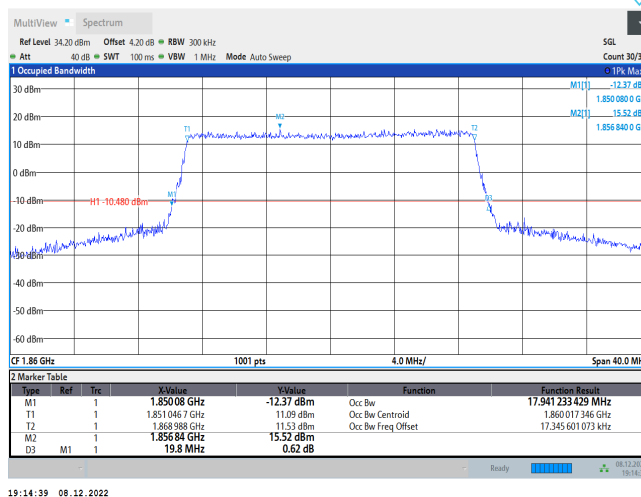
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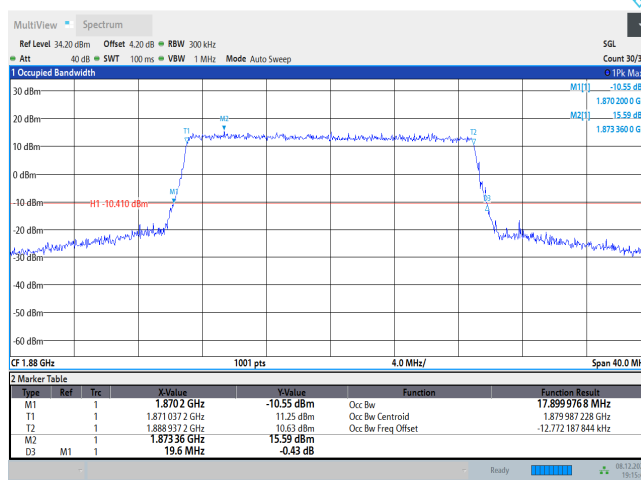
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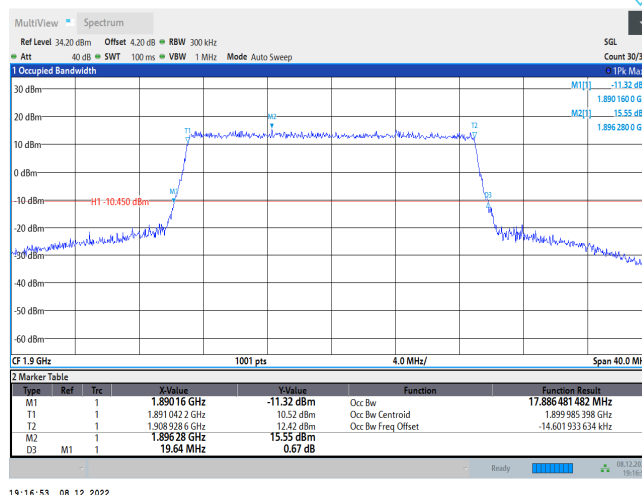
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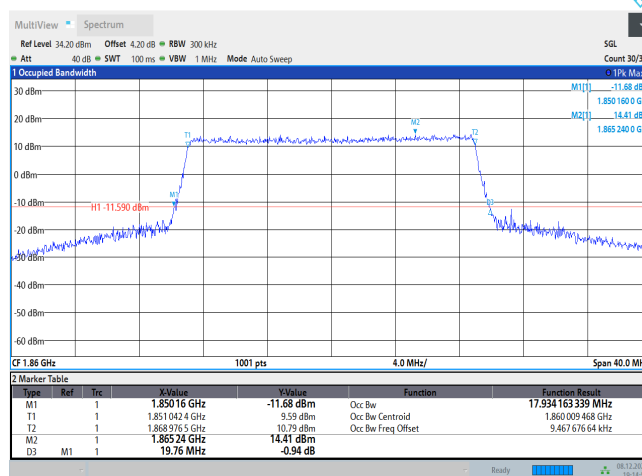
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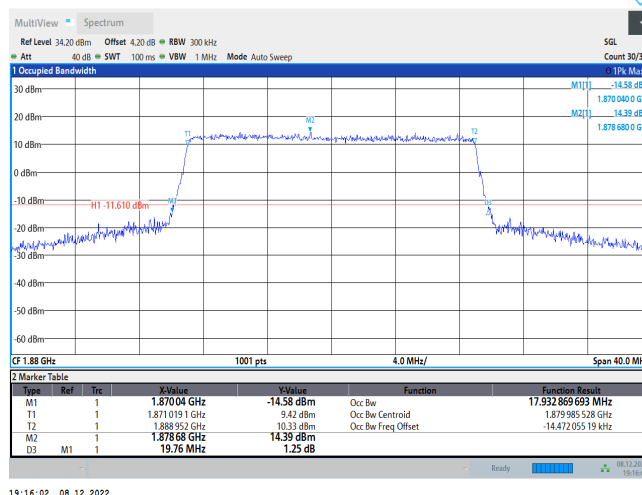
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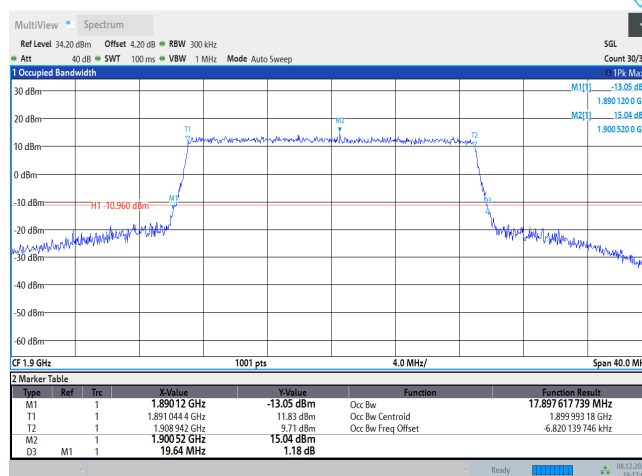
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Band2-20MHz-16QAM-19100-100RB#0



19:17:09 08.12.2022



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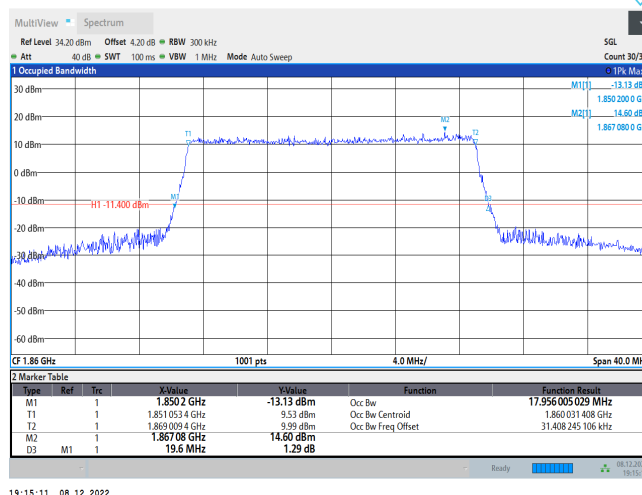
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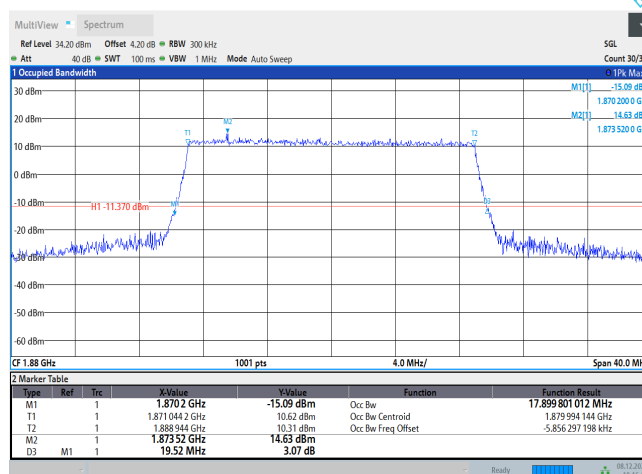
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Band2-20MHz-64QAM-18700-100RB#0



19:15:11 08.12.2022

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



19:16:18 08.12.2022



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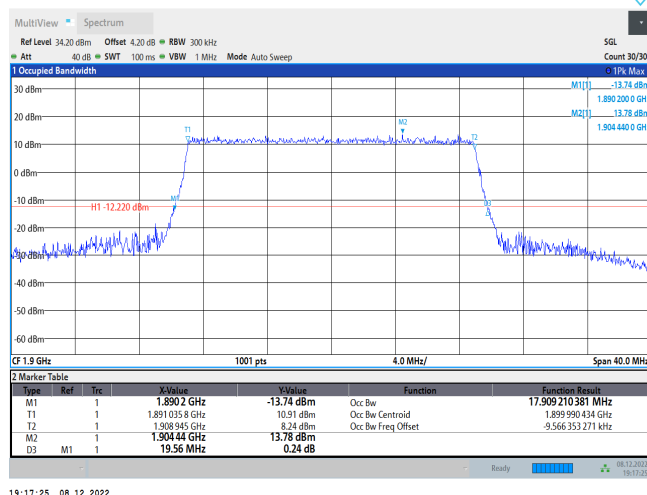
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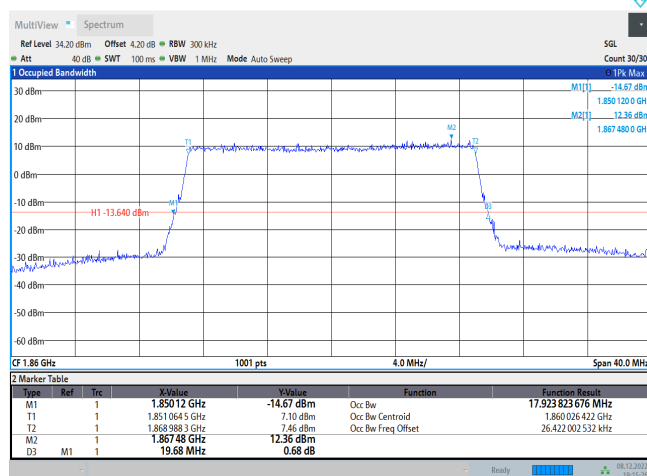
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Band2-20MHz-64QAM-19100-100RB#0



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



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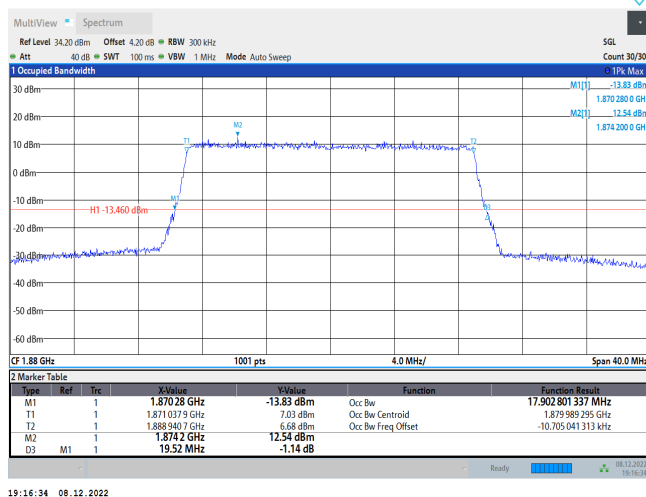
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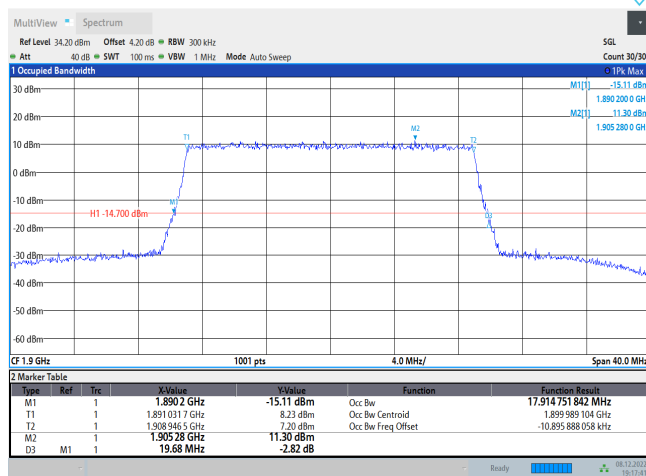
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Band2-20MHz-256QAM-18900-100RB#0



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



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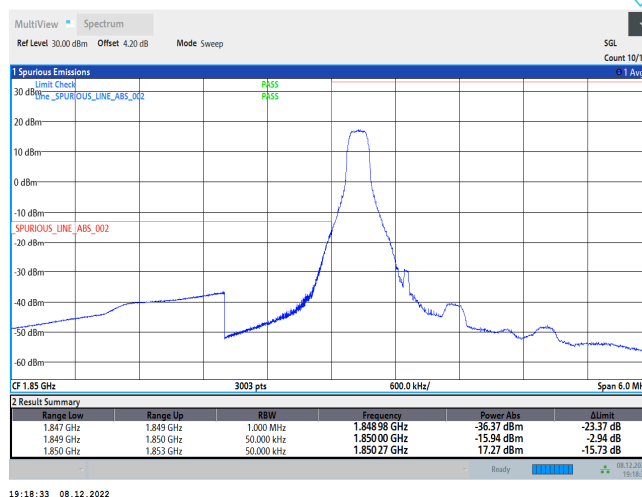
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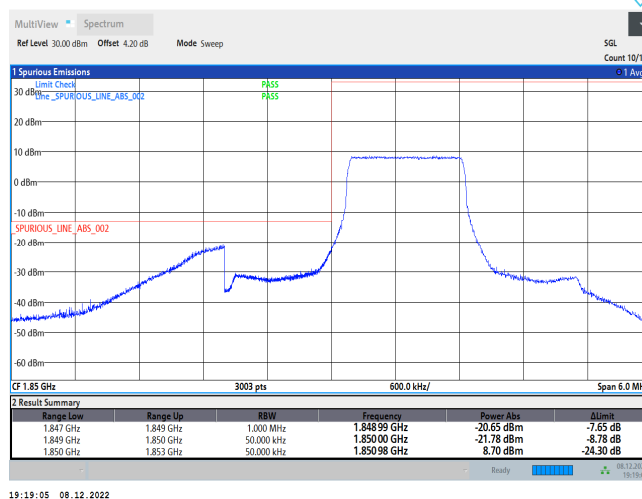
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Test Graphs

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



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



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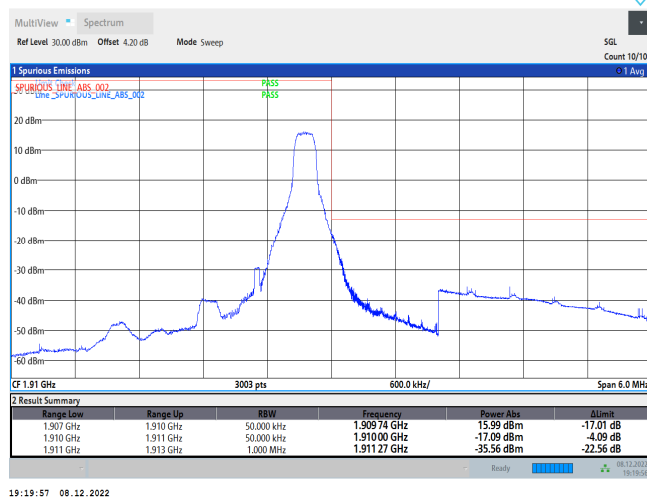
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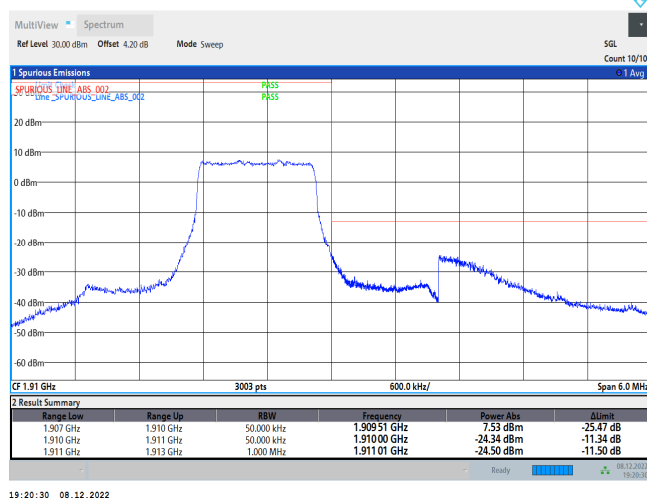
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Band2-1.4MHz-QPSK-19193-1RB#5



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



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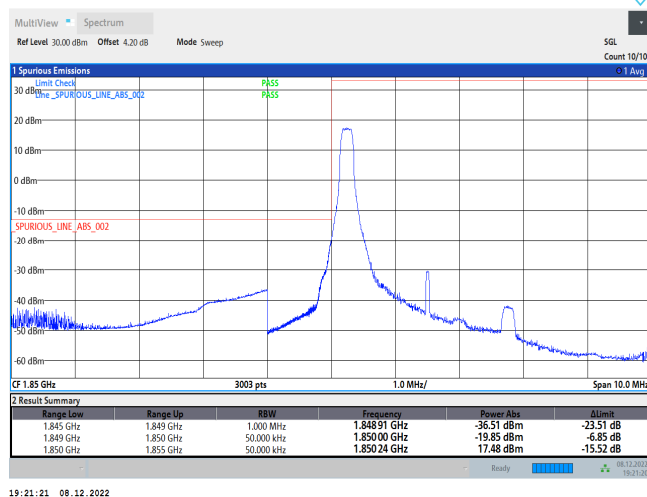
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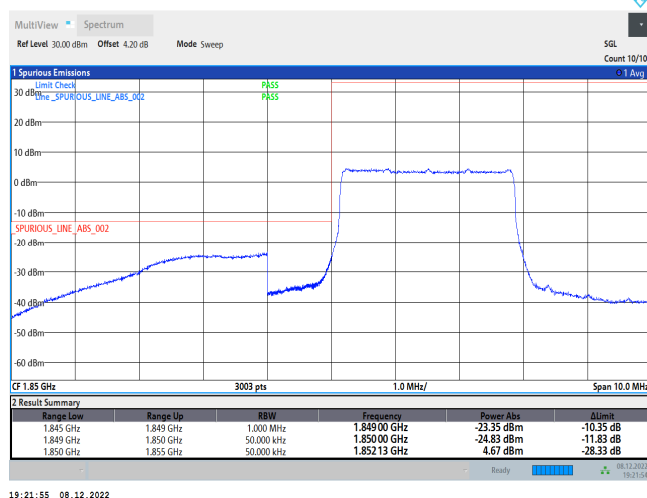
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Band2-3MHz-QPSK-18615-1RB#0



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



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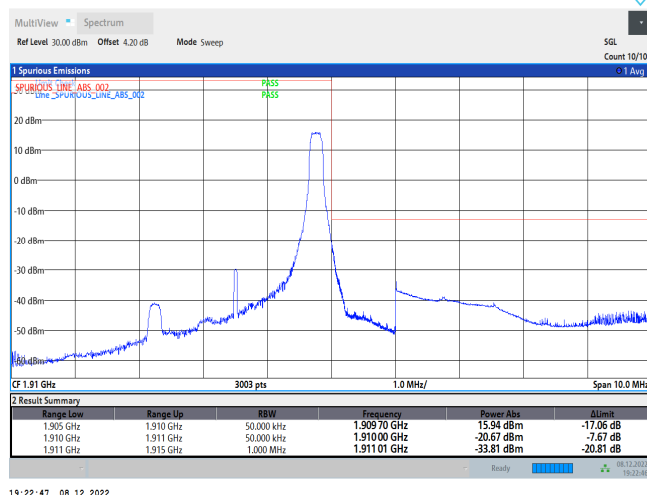
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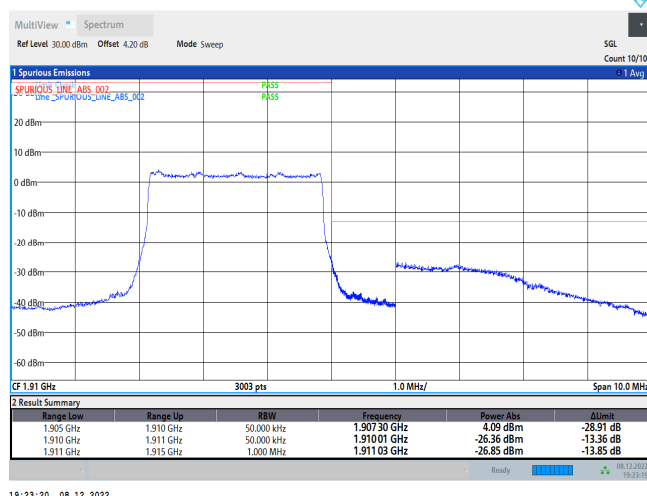
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Band2-3MHz-QPSK-19185-1RB#14



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



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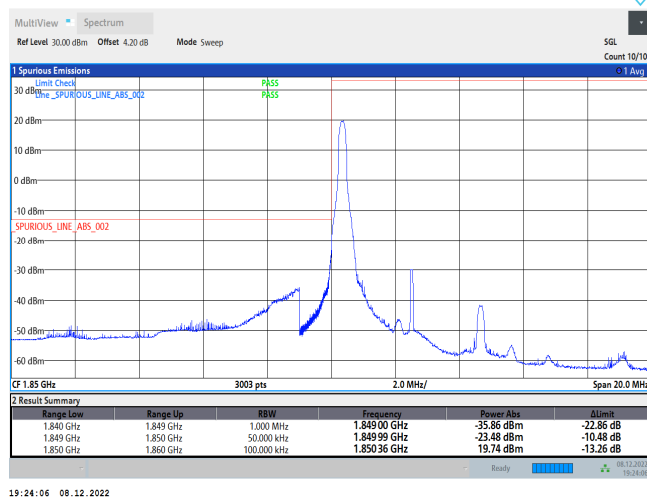
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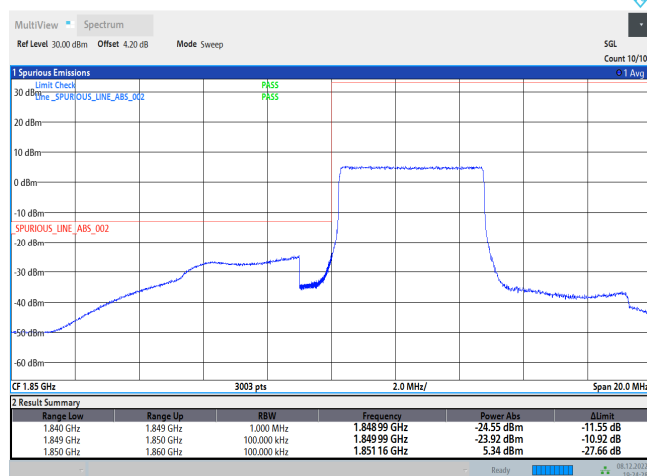
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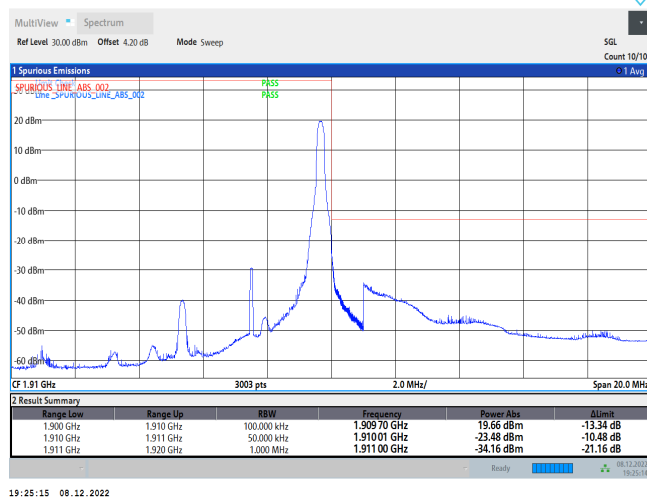
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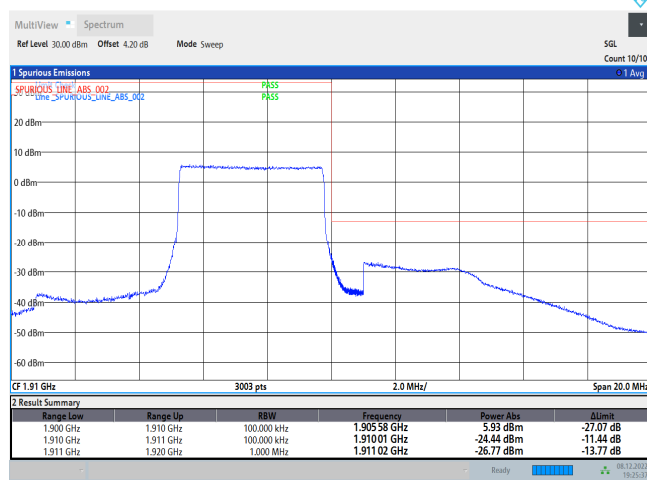
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Band2-5MHz-QPSK-19175-25RB#0



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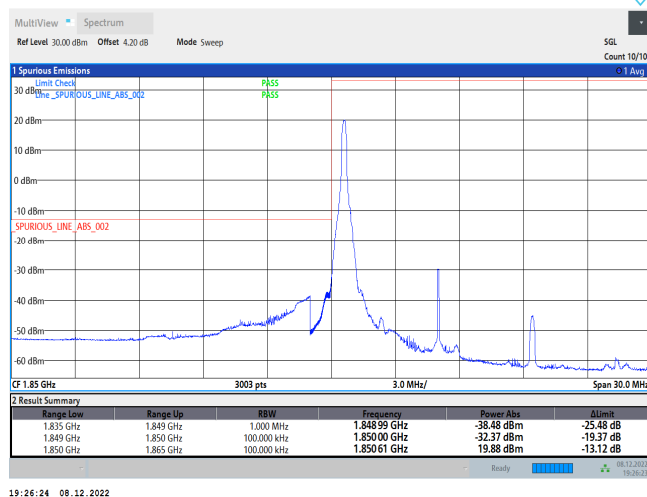
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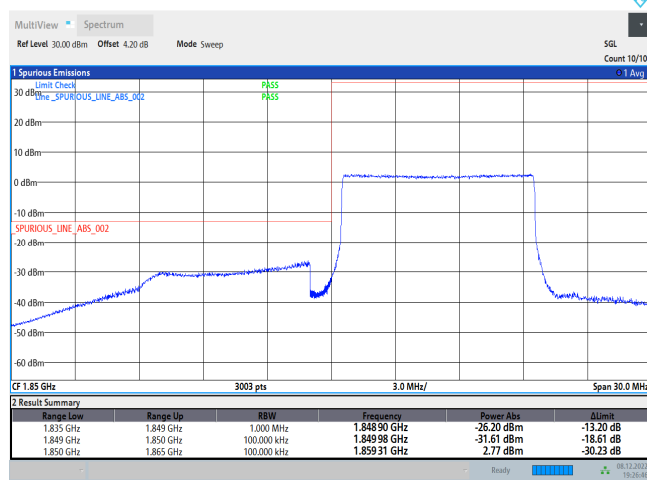
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Band2-10MHz-QPSK-18650-50RB#0



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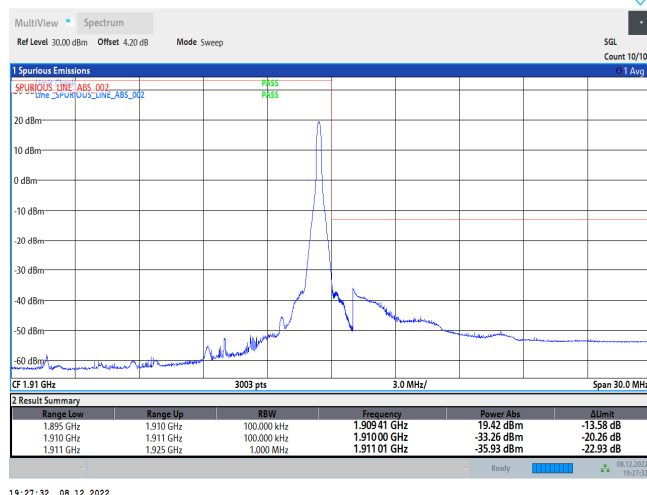
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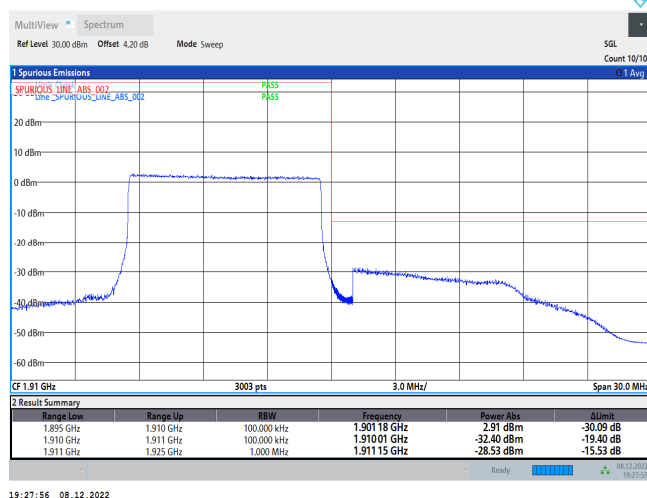
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Band2-10MHz-QPSK-19150-1RB#49



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



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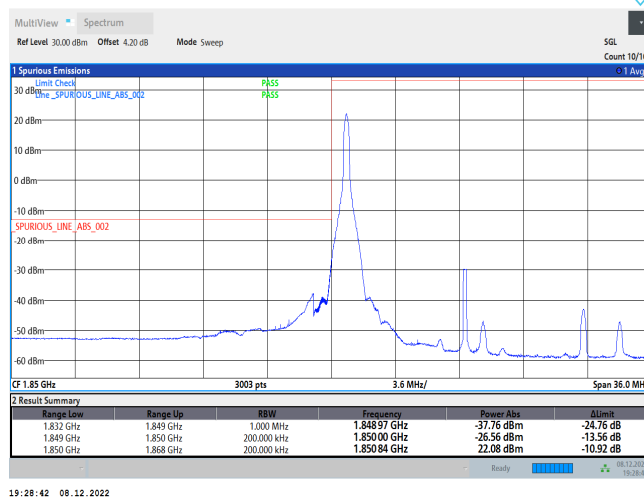
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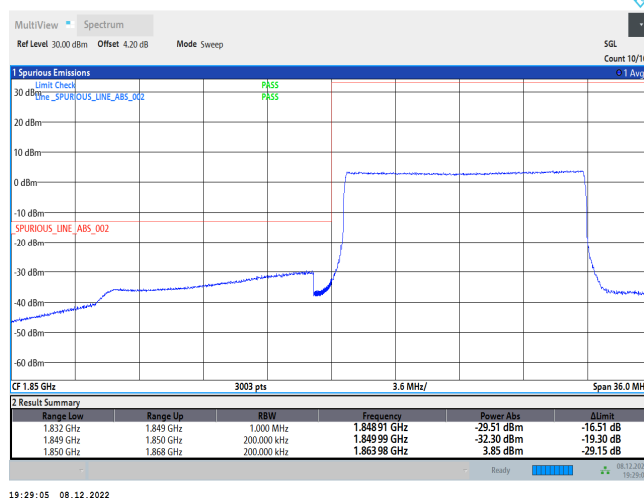
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Band2-15MHz-QPSK-18675-1RB#0



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



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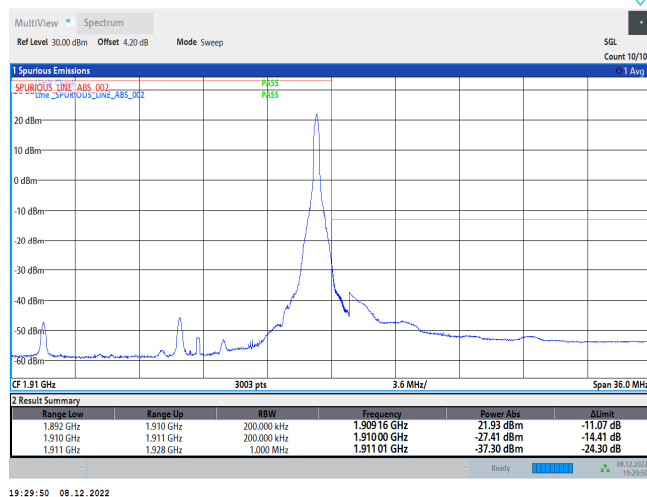
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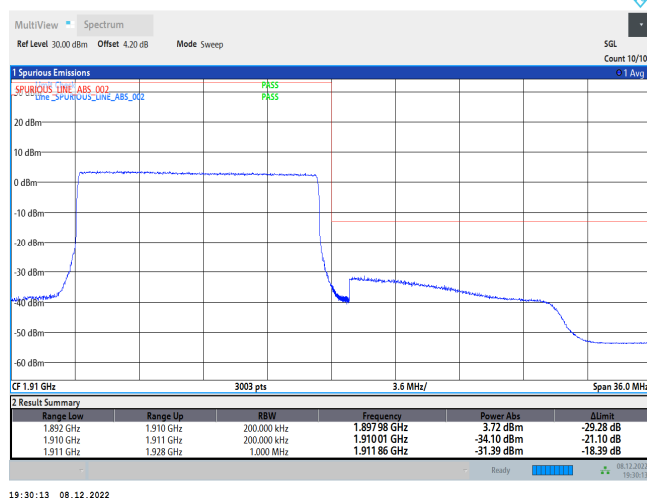
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Band2-15MHz-QPSK-19125-1RB#74



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



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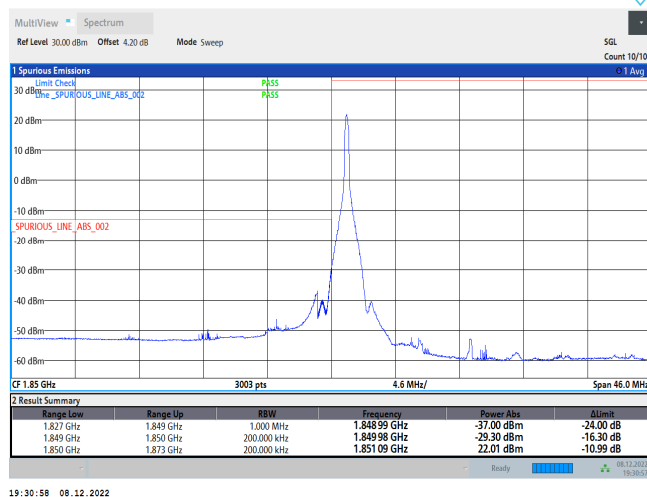
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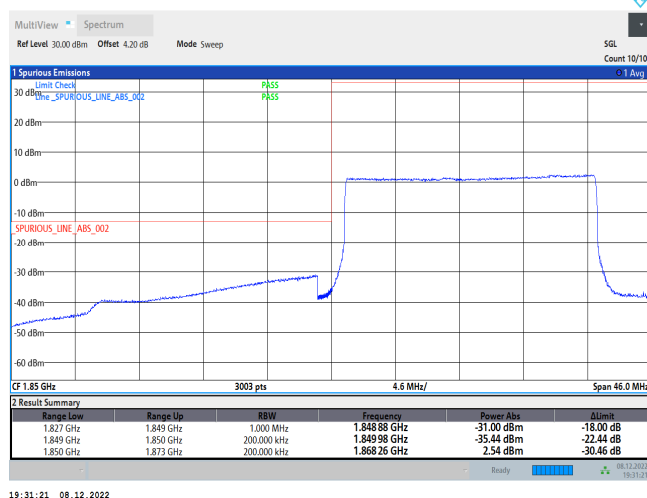
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Band2-20MHz-QPSK-18700-1RB#0



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



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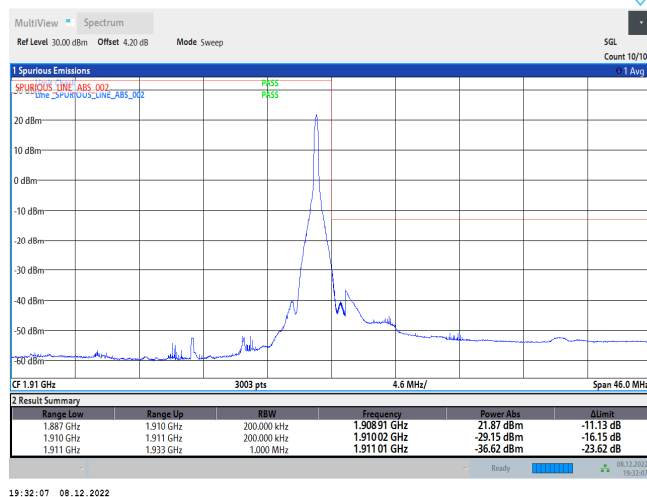
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Band2-20MHz-QPSK-19100-1RB#99



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



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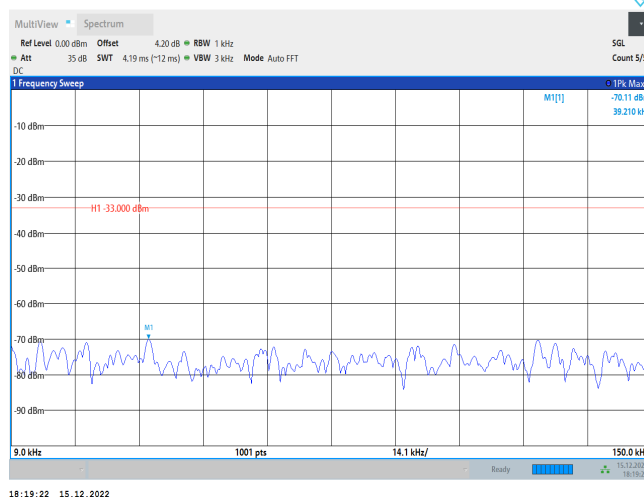
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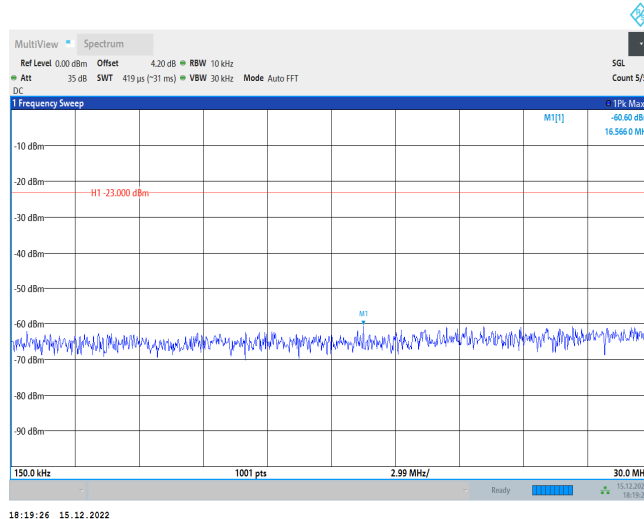
Conducted Spurious Emission

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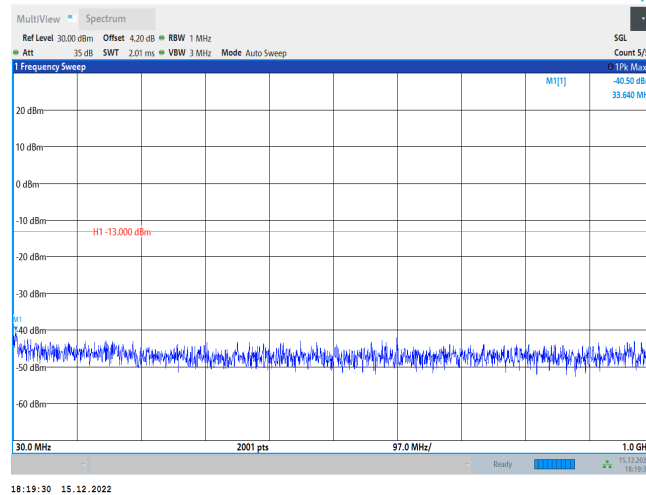
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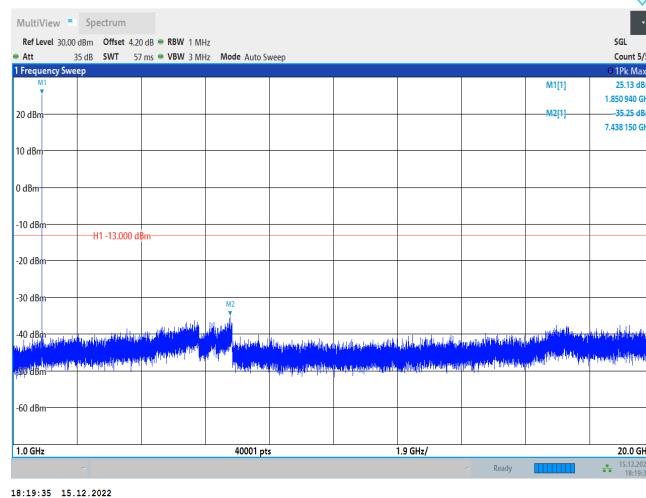
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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



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



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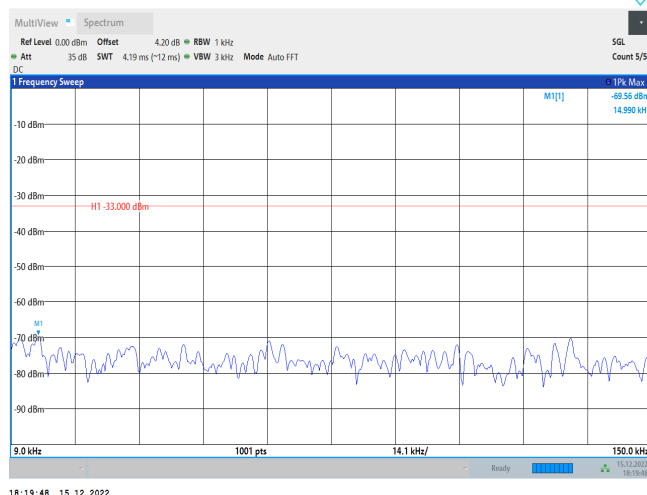
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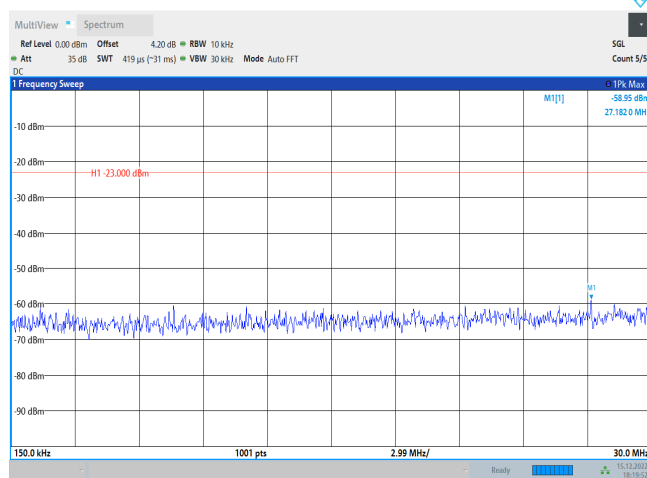
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Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



18:19:48 15.12.2022

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



18:19:52 15.12.2022



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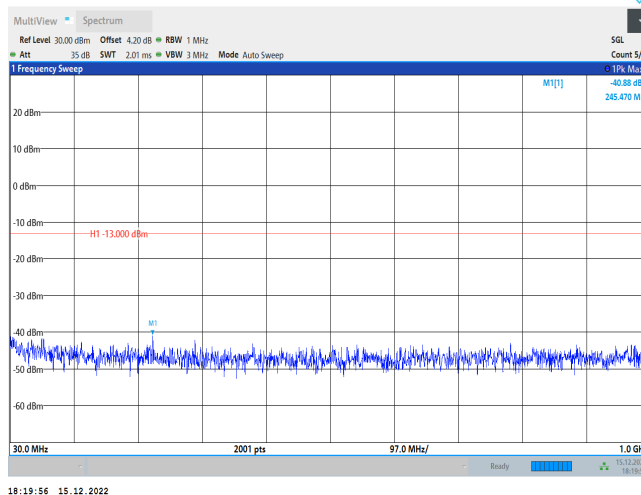
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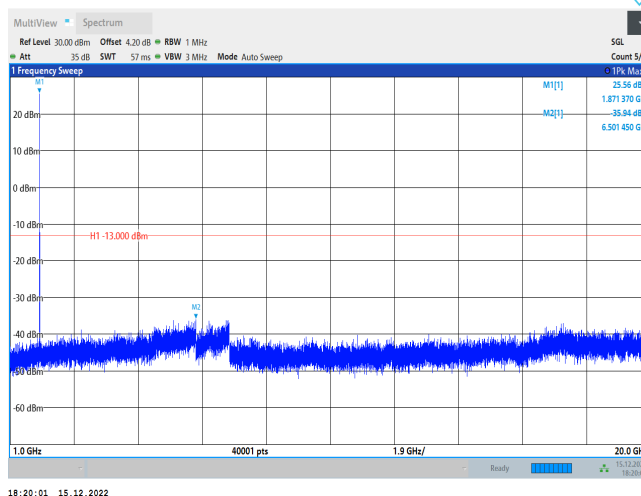
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Band2-20MHz-QPSK-18900-1RB#0-Range3:30~1000MHz



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



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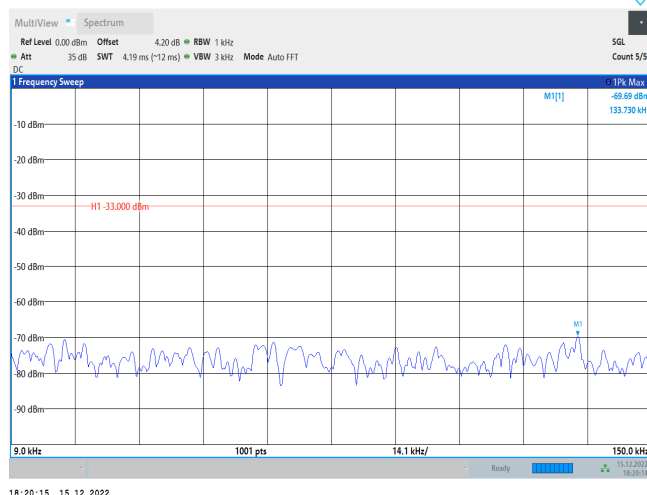
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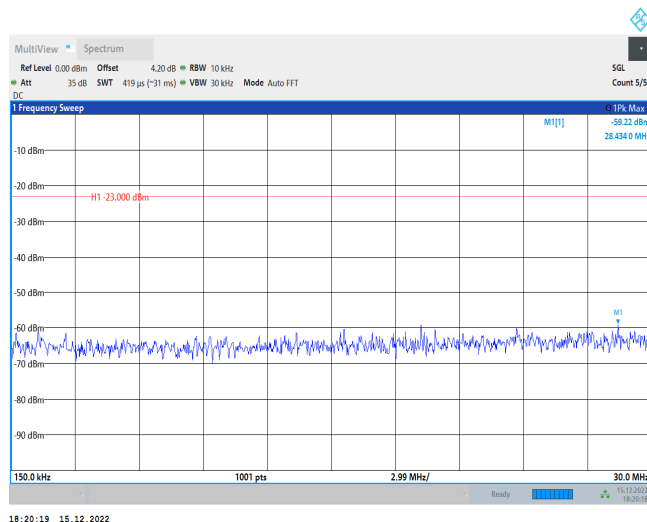
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Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



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



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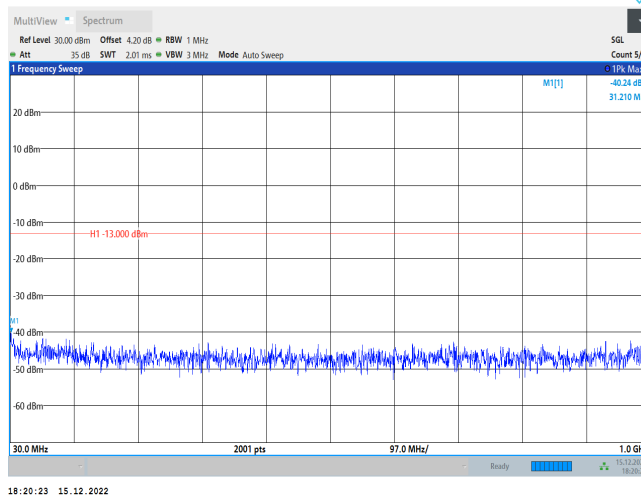
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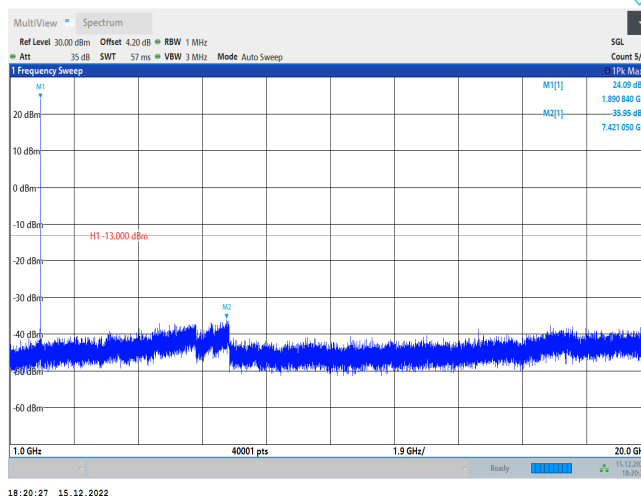
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Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE Band 2 ANT 0_TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	51.60	-45.69	29.88	-59.47	-13.00	46.47	185	356	Horizontal
2	5553.27	40.93	-43.87	32.77	-65.43	-13.00	52.43	284	245	Horizontal
3	7404.36	41.53	-41.96	36.44	-59.25	-13.00	46.25	215	94	Horizontal
4	9255.45	32.79	-38.39	38.57	-62.29	-13.00	49.29	233	310	Horizontal
5	11106.54	31.50	-35.35	39.49	-59.62	-13.00	46.62	305	31	Horizontal
6	12957.63	32.76	-34.89	39.56	-57.84	-13.00	44.84	166	111	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	49.62	-45.69	29.88	-61.45	-13.00	48.45	244	108	Vertical
2	5553.27	41.04	-43.87	32.77	-65.32	-13.00	52.32	185	310	Vertical
3	7404.36	42.90	-41.96	36.44	-57.88	-13.00	44.88	174	92	Vertical
4	9255.45	34.37	-38.39	38.57	-60.71	-13.00	47.71	235	227	Vertical
5	11106.54	31.87	-35.35	39.49	-59.25	-13.00	46.25	302	0	Vertical
6	12957.63	32.41	-34.89	39.56	-58.19	-13.00	45.19	219	357	Vertical



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Test Band = LTE Band 2 ANT 0_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	47.95	-45.59	29.98	-62.91	-13.00	49.91	185	0	Horizontal
2	5613.27	39.94	-43.84	32.96	-66.20	-13.00	53.20	235	194	Horizontal
3	7484.36	39.39	-41.66	36.49	-61.04	-13.00	48.04	262	1	Horizontal
4	9355.45	34.08	-38.26	38.56	-60.88	-13.00	47.88	184	194	Horizontal
5	11226.54	31.55	-35.07	39.37	-59.40	-13.00	46.40	302	25	Horizontal
6	13097.63	31.73	-34.47	39.66	-58.34	-13.00	45.34	188	357	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	47.33	-45.59	29.98	-63.53	-13.00	50.53	185	263	Vertical
2	5613.27	40.48	-43.84	32.96	-65.66	-13.00	52.66	288	127	Vertical
3	7484.36	42.41	-41.66	36.49	-58.02	-13.00	45.02	236	147	Vertical
4	9355.45	34.67	-38.26	38.56	-60.29	-13.00	47.29	155	313	Vertical
5	11226.54	31.50	-35.07	39.37	-59.45	-13.00	46.45	184	162	Vertical
6	13097.63	31.73	-34.47	39.66	-58.34	-13.00	45.34	306	357	Vertical



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Test Band = LTE Band 2 ANT 0_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	49.24	-45.48	30.08	-61.42	-13.00	48.42	174	23	Horizontal
2	5673.27	40.67	-43.77	33.16	-65.21	-13.00	52.21	255	1	Horizontal
3	7564.36	38.19	-41.38	36.63	-61.82	-13.00	48.82	186	261	Horizontal
4	9455.45	35.47	-38.15	38.55	-59.39	-13.00	46.39	236	108	Horizontal
5	11346.54	30.99	-35.43	39.25	-60.45	-13.00	47.45	302	93	Horizontal
6	13237.63	31.01	-34.98	39.74	-59.48	-13.00	46.48	256	327	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	48.34	-45.48	30.08	-62.32	-13.00	49.32	215	277	Vertical
2	5673.27	40.58	-43.77	33.16	-65.30	-13.00	52.30	198	139	Vertical
3	7564.36	46.00	-41.38	36.63	-54.01	-13.00	41.01	186	139	Vertical
4	9455.45	35.42	-38.15	38.55	-59.44	-13.00	46.44	235	139	Vertical
5	11346.54	31.26	-35.43	39.25	-60.18	-13.00	47.18	306	70	Vertical
6	13237.63	31.63	-34.98	39.74	-58.86	-13.00	45.86	176	357	Vertical



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Test Band = UL CA 2A-5A_TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	55.01	-45.69	29.88	-56.06	-13.00	43.06	148	34	Horizontal
2	7404	45.95	-41.96	36.44	-54.83	-13.00	41.83	325	328	Horizontal
3	1649.18	30.95	-25.29	25.58	-64.02	-13.00	51.02	214	241	Horizontal
4	2473.77	30.18	-24.01	27.85	-61.24	-13.00	48.24	165	358	Horizontal
5	3298.36	41.90	-45.88	29.48	-69.75	-13.00	56.75	255	262	Horizontal
6	5553.27	40.70	-43.87	32.77	-65.66	-13.00	52.66	196	312	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	53.82	-45.69	29.88	-57.25	-13.00	44.25	244	46	Vertical
2	1649.18	31.19	-25.29	25.58	-63.78	-13.00	50.78	269	176	Vertical
3	2473.77	30.19	-24.01	27.85	-61.23	-13.00	48.23	158	359	Vertical
4	3298.36	41.49	-45.88	29.48	-70.16	-13.00	57.16	211	6	Vertical
5	5553.27	40.07	-43.87	32.77	-66.29	-13.00	53.29	321	277	Vertical
6	7404.36	45.17	-41.96	36.44	-55.61	-13.00	42.61	185	130	Vertical



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Test Band = UL CA 2A-5A_TM1
Test Channel = Mid Channel
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2458.5	37.57	-24.09	27.82	-53.96	-13.00	40.96	255	349	Horizontal
2	7484.25	43.63	-41.66	36.49	-56.80	-13.00	43.80	326	7	Horizontal
3	1664.18	30.62	-25.24	25.57	-64.31	-13.00	51.31	304	360	Horizontal
4	3328.36	41.70	-45.89	29.47	-69.99	-13.00	56.99	178	31	Horizontal
5	3742.18	49.58	-45.59	29.98	-61.28	-13.00	48.28	226	31	Horizontal
6	5613.27	41.07	-43.84	32.96	-65.07	-13.00	52.07	247	357	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	30.72	-25.24	25.57	-64.21	-13.00	51.21	315	41	Vertical
2	2496.27	30.98	-23.89	27.89	-60.28	-13.00	47.28	255	62	Vertical
3	3328.36	42.10	-45.89	29.47	-69.59	-13.00	56.59	369	182	Vertical
4	3742.18	47.14	-45.59	29.98	-63.72	-13.00	50.72	241	265	Vertical
5	5613.27	41.18	-43.84	32.96	-64.96	-13.00	51.96	158	0	Vertical
6	7484.36	41.72	-41.66	36.49	-58.71	-13.00	45.71	187	132	Vertical



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Test Band = UL CA 2A-5A_TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	30.84	-25.19	25.56	-64.05	-13.00	51.05	244	359	Horizontal
2	2518.77	30.65	-23.91	27.96	-60.55	-13.00	47.55	168	357	Horizontal
3	3358.36	41.30	-45.91	29.46	-70.41	-13.00	57.41	269	130	Horizontal
4	3782.18	48.75	-45.48	30.08	-61.91	-13.00	48.91	247	45	Horizontal
5	5673.27	40.66	-43.77	33.16	-65.22	-13.00	52.22	168	278	Horizontal
6	7564.36	40.03	-41.38	36.63	-59.98	-13.00	46.98	235	328	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	30.84	-25.19	25.56	-64.05	-13.00	51.05	148	360	Vertical
2	2518.77	30.79	-23.91	27.96	-60.41	-13.00	47.41	241	186	Vertical
3	3358.36	41.51	-45.91	29.46	-70.20	-13.00	57.20	236	87	Vertical
4	3782.18	48.14	-45.48	30.08	-62.52	-13.00	49.52	299	265	Vertical
5	5673.27	41.11	-43.77	33.16	-64.77	-13.00	51.77	329	357	Vertical
6	7564.36	46.45	-41.38	36.63	-53.56	-13.00	40.56	168	137	Vertical



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Test Band = UL CA 2A-12A_TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	49.23	-45.69	29.88	-61.84	-13.00	48.84	147	357	Horizontal
2	1399.18	31.32	-25.81	25.40	-64.35	-13.00	51.35	289	41	Horizontal
3	2098.77	30.65	-24.91	27.10	-62.42	-13.00	49.42	314	360	Horizontal
4	2798.36	29.90	-23.69	28.91	-60.14	-13.00	47.14	266	259	Horizontal
5	5553.27	40.35	-43.87	32.77	-66.01	-13.00	53.01	189	243	Horizontal
6	7404.36	40.92	-41.96	36.44	-59.86	-13.00	46.86	166	310	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	52.92	-45.69	29.88	-58.15	-13.00	45.15	169	46	Vertical
2	7404	48.64	-41.96	36.44	-52.14	-13.00	39.14	184	113	Vertical
3	1399.18	30.67	-25.81	25.40	-65.00	-13.00	52.00	269	359	Vertical
4	2098.77	30.56	-24.91	27.10	-62.51	-13.00	49.51	328	360	Vertical
5	2798.36	30.18	-23.69	28.91	-59.86	-13.00	46.86	274	303	Vertical
6	5553.27	41.32	-43.87	32.77	-65.04	-13.00	52.04	147	313	Vertical



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Test Band = UL CA 2A-12A_TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7484.25	42.63	-41.66	36.49	-57.80	-13.00	44.80	136	344	Horizontal
2	1406.18	31.47	-25.79	25.41	-64.17	-13.00	51.17	266	3	Horizontal
3	2109.27	30.11	-24.91	27.12	-62.94	-13.00	49.94	207	63	Horizontal
4	2812.36	30.10	-23.65	28.96	-59.85	-13.00	46.85	354	335	Horizontal
5	3742.18	46.75	-45.59	29.98	-64.11	-13.00	51.11	209	310	Horizontal
6	5613.27	40.63	-43.84	32.96	-65.51	-13.00	52.51	184	246	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5681.25	41.93	-43.76	33.18	-63.91	-13.00	50.91	236	20	Vertical
2	7484.25	44.62	-41.66	36.49	-55.81	-13.00	42.81	276	132	Vertical
3	1406.18	31.31	-25.79	25.41	-64.33	-13.00	51.33	319	260	Vertical
4	2109.27	30.78	-24.91	27.12	-62.27	-13.00	49.27	201	124	Vertical
5	2812.36	30.58	-23.65	28.96	-59.37	-13.00	46.37	168	70	Vertical
6	3742.18	49.29	-45.59	29.98	-61.57	-13.00	48.57	235	51	Vertical



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Test Band = UL CA 2A-12A_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.18	31.59	-25.77	25.41	-64.03	-13.00	51.03	124	359	Horizontal
2	2119.77	30.34	-24.90	27.14	-62.68	-13.00	49.68	233	252	Horizontal
3	2826.36	30.26	-23.61	29.01	-59.60	-13.00	46.60	287	252	Horizontal
4	3782.18	49.85	-45.48	30.08	-60.81	-13.00	47.81	208	32	Horizontal
5	5673.27	40.63	-43.77	33.16	-65.25	-13.00	52.25	263	48	Horizontal
6	7564.36	40.17	-41.38	36.63	-59.84	-13.00	46.84	302	280	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.18	31.46	-25.77	25.41	-64.16	-13.00	51.16	125	207	Vertical
2	2119.77	30.62	-24.90	27.14	-62.40	-13.00	49.40	244	186	Vertical
3	2826.36	30.23	-23.61	29.01	-59.63	-13.00	46.63	269	360	Vertical
4	3782.18	46.53	-45.48	30.08	-64.13	-13.00	51.13	365	81	Vertical
5	5673.27	40.88	-43.77	33.16	-65.00	-13.00	52.00	244	295	Vertical
6	7564.36	43.28	-41.38	36.63	-56.73	-13.00	43.73	187	81	Vertical



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Test Band = UL CA 2A-13A_TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2410.5	40.18	-24.34	27.72	-51.70	-13.00	38.70	168	290	Horizontal
2	3702	53.19	-45.69	29.88	-57.88	-13.00	44.88	251	37	Horizontal
3	1554.68	30.68	-25.48	25.56	-64.50	-13.00	51.50	316	360	Horizontal
4	3109.36	42.38	-45.91	29.56	-69.24	-13.00	56.24	157	0	Horizontal
5	5553.27	41.92	-43.87	32.77	-64.44	-13.00	51.44	236	329	Horizontal
6	7404.36	43.59	-41.96	36.44	-57.19	-13.00	44.19	188	296	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	54.15	-45.69	29.88	-56.92	-13.00	43.92	258	50	Vertical
2	7404	45.50	-41.96	36.44	-55.28	-13.00	42.28	369	113	Vertical
3	1554.68	30.64	-25.48	25.56	-64.54	-13.00	51.54	178	3	Vertical
4	2332.02	30.34	-24.55	27.57	-61.90	-13.00	48.90	238	29	Vertical
5	3109.36	42.53	-45.91	29.56	-69.09	-13.00	56.09	244	345	Vertical
6	5553.27	40.63	-43.87	32.77	-65.73	-13.00	52.73	287	0	Vertical



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Test Band = UL CA 2A-13A_TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	30.93	-25.47	25.56	-64.24	-13.00	51.24	174	178	Horizontal
2	2339.52	30.41	-24.53	27.58	-61.80	-13.00	48.80	169	354	Horizontal
3	3119.36	42.35	-45.88	29.55	-69.23	-13.00	56.23	236	344	Horizontal
4	3742.18	50.32	-45.59	29.98	-60.54	-13.00	47.54	325	33	Horizontal
5	5613.27	41.42	-43.84	32.96	-64.72	-13.00	51.72	189	130	Horizontal
6	7484.36	39.64	-41.66	36.49	-60.79	-13.00	47.79	235	130	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	30.90	-25.47	25.56	-64.27	-13.00	51.27	247	230	Vertical
2	2339.52	30.25	-24.53	27.58	-61.96	-13.00	48.96	168	221	Vertical
3	3119.36	42.08	-45.88	29.55	-69.50	-13.00	56.50	241	64	Vertical
4	3742.18	46.37	-45.59	29.98	-64.49	-13.00	51.49	216	81	Vertical
5	5613.27	40.45	-43.84	32.96	-65.69	-13.00	52.69	235	2	Vertical
6	7484.36	43.18	-41.66	36.49	-57.25	-13.00	44.25	302	81	Vertical



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Test Band = UL CA 2A-13A_TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.68	30.43	-25.47	25.57	-64.73	-13.00	51.73	147	251	Horizontal
2	2347.02	30.17	-24.52	27.60	-62.01	-13.00	49.01	236	360	Horizontal
3	3129.36	42.88	-45.84	29.55	-68.67	-13.00	55.67	309	77	Horizontal
4	3782.18	50.32	-45.48	30.08	-60.34	-13.00	47.34	244	26	Horizontal
5	5673.27	40.47	-43.77	33.16	-65.41	-13.00	52.41	186	178	Horizontal
6	7564.36	39.15	-41.38	36.63	-60.86	-13.00	47.86	277	13	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.68	30.69	-25.47	25.57	-64.47	-13.00	51.47	256	221	Vertical
2	2347.02	30.14	-24.52	27.60	-62.04	-13.00	49.04	143	199	Vertical
3	3129.36	42.82	-45.84	29.55	-68.73	-13.00	55.73	236	179	Vertical
4	3782.18	46.17	-45.48	30.08	-64.49	-13.00	51.49	299	162	Vertical
5	5673.27	41.12	-43.77	33.16	-64.76	-13.00	51.76	306	6	Vertical
6	7564.36	43.48	-41.38	36.63	-56.53	-13.00	43.53	207	78	Vertical



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Test Band = UL CA 2A-14A_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1577.18	30.86	-25.46	25.58	-64.28	-13.00	51.28	158	0	Horizontal
2	2365.77	29.95	-24.47	27.63	-62.15	-13.00	49.15	265	277	Horizontal
3	3154.36	43.79	-45.75	29.54	-67.68	-13.00	54.68	305	15	Horizontal
4	3702.18	50.93	-45.69	29.89	-60.14	-13.00	47.14	188	33	Horizontal
5	5553.27	41.64	-43.87	32.77	-64.72	-13.00	51.72	244	147	Horizontal
6	7404.36	43.16	-41.96	36.44	-57.62	-13.00	44.62	263	315	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1577.18	31.15	-25.46	25.58	-63.99	-13.00	50.99	166	39	Vertical
2	2365.77	30.45	-24.47	27.63	-61.65	-13.00	48.65	215	49	Vertical
3	3154.36	42.43	-45.75	29.54	-69.04	-13.00	56.04	362	310	Vertical
4	3702.18	46.34	-45.69	29.89	-64.73	-13.00	51.73	174	63	Vertical
5	5553.27	41.65	-43.87	32.77	-64.71	-13.00	51.71	152	353	Vertical
6	7404.36	45.01	-41.96	36.44	-55.77	-13.00	42.77	304	96	Vertical



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Test Band = UL CA 2A-14A_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1577.18	30.55	-25.46	25.58	-64.59	-13.00	51.59	211	0	Horizontal
2	2365.77	30.14	-24.47	27.63	-61.96	-13.00	48.96	301	89	Horizontal
3	3154.36	41.97	-45.75	29.54	-69.50	-13.00	56.50	267	327	Horizontal
4	3742.18	50.22	-45.59	29.98	-60.64	-13.00	47.64	216	32	Horizontal
5	5613.27	40.55	-43.84	32.96	-65.59	-13.00	52.59	184	246	Horizontal
6	7484.36	39.78	-41.66	36.49	-60.65	-13.00	47.65	169	343	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7484.25	46.65	-41.66	36.49	-53.78	-13.00	40.78	215	161	Vertical
2	1577.18	30.66	-25.46	25.58	-64.48	-13.00	51.48	147	224	Vertical
3	2365.77	30.23	-24.47	27.63	-61.87	-13.00	48.87	269	236	Vertical
4	3154.36	42.49	-45.75	29.54	-68.98	-13.00	55.98	322	291	Vertical
5	3742.18	49.57	-45.59	29.98	-61.29	-13.00	48.29	158	49	Vertical
6	5613.27	41.85	-43.84	32.96	-64.29	-13.00	51.29	261	225	Vertical



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Test Band = UL CA 2A-14A_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.25	50.99	-45.48	30.08	-59.67	-13.00	46.67	215	50	Horizontal
2	1577.18	30.69	-25.46	25.58	-64.45	-13.00	51.45	306	11	Horizontal
3	2365.77	30.23	-24.47	27.63	-61.87	-13.00	48.87	256	320	Horizontal
4	3154.36	42.04	-45.75	29.54	-69.43	-13.00	56.43	168	360	Horizontal
5	5613.27	40.59	-43.84	32.96	-65.55	-13.00	52.55	205	247	Horizontal
6	7484.36	38.99	-41.66	36.49	-61.44	-13.00	48.44	299	50	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.25	49.84	-45.48	30.08	-60.82	-13.00	47.82	287	46	Vertical
2	1577.18	31.01	-25.46	25.58	-64.13	-13.00	51.13	236	237	Vertical
3	2365.77	30.20	-24.47	27.63	-61.90	-13.00	48.90	199	225	Vertical
4	3154.3	42.44	-45.75	29.54	-69.03	-13.00	56.03	241	65	Vertical
5	5613.27	42.12	-43.84	32.96	-64.02	-13.00	51.02	135	99	Vertical
6	7484.36	39.94	-41.66	36.49	-60.49	-13.00	47.49	274	215	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	-0.60	-0.000319	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	1.50	0.000798	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-1.80	-0.000957	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-40	0.50	0.000266	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-1.90	-0.001011	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-0.70	-0.000372	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	0.00	0.000000	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-1.40	-0.000745	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-0.90	-0.000479	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	0.70	0.000372	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	0.80	0.000426	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	0.50	0.000266	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-0.20	-0.000106	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	60	-0.20	-0.000283	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	75	-0.20	-0.000283	PASS

---End of Attachment---



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