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Appendix B.3

LTE Band 2



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Effective (Isotropic) Radiated Power Output Data

Test Result

ANT2

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.95	24.95	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.73	24.73	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.71	24.71	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.95	23.95	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	24.04	25.04	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.74	24.74	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.7	24.7	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.95	23.95	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.76	24.76	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.72	24.72	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.72	24.72	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.95	23.95	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.72	23.72	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23	24	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.99	23.99	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.97	22.97	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.95	23.95	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.94	23.94	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.99	23.99	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.94	22.94	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.98	23.98	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.98	23.98	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.97	23.97	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.98	22.98	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	22.07	23.07	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	22.08	23.08	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	22.05	23.05	33.00	PASS

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Band2	1.4MHz	64QAM	18607	6RB#0	20.92	21.92	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	22.06	23.06	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	22.06	23.06	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	22.05	23.05	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.91	21.91	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	22.05	23.05	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	22.06	23.06	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	22.11	23.11	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.96	21.96	33.00	PASS
Band2	1.4MHz	256QAM	18607	1RB#0	18.99	19.99	33.00	PASS
Band2	1.4MHz	256QAM	18607	1RB#2	19.06	20.06	33.00	PASS
Band2	1.4MHz	256QAM	18607	1RB#5	18.99	19.99	33.00	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	18.92	19.92	33.00	PASS
Band2	1.4MHz	256QAM	18900	1RB#0	19.01	20.01	33.00	PASS
Band2	1.4MHz	256QAM	18900	1RB#2	19.07	20.07	33.00	PASS
Band2	1.4MHz	256QAM	18900	1RB#5	19.08	20.08	33.00	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	18.89	19.89	33.00	PASS
Band2	1.4MHz	256QAM	19193	1RB#0	18.94	19.94	33.00	PASS
Band2	1.4MHz	256QAM	19193	1RB#2	19.04	20.04	33.00	PASS
Band2	1.4MHz	256QAM	19193	1RB#5	19.08	20.08	33.00	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	18.9	19.9	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.75	24.75	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.7	24.7	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.78	24.78	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.99	23.99	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.81	24.81	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.76	24.76	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.76	24.76	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.93	23.93	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.88	24.88	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.73	24.73	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.73	24.73	33.00	PASS

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Band2	3MHz	QPSK	19185	15RB#0	23.02	24.02	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.01	24.01	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	23	24	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.97	23.97	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.94	22.94	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.01	24.01	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.96	23.96	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.99	23.99	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.96	22.96	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.06	24.06	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.01	24.01	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	23.03	24.03	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.95	22.95	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	22.09	23.09	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	22.07	23.07	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	22.14	23.14	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.98	21.98	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	22.08	23.08	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	22.12	23.12	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	22.08	23.08	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.96	21.96	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	22.12	23.12	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	22.13	23.13	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	22.09	23.09	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	21	22	33.00	PASS
Band2	3MHz	256QAM	18615	1RB#0	19.03	20.03	33.00	PASS
Band2	3MHz	256QAM	18615	1RB#8	19	20	33.00	PASS
Band2	3MHz	256QAM	18615	1RB#14	19.02	20.02	33.00	PASS
Band2	3MHz	256QAM	18615	15RB#0	18.95	19.95	33.00	PASS
Band2	3MHz	256QAM	18900	1RB#0	19.01	20.01	33.00	PASS
Band2	3MHz	256QAM	18900	1RB#8	19	20	33.00	PASS
Band2	3MHz	256QAM	18900	1RB#14	19	20	33.00	PASS

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Band2	3MHz	256QAM	18900	15RB#0	18.94	19.94	33.00	PASS
Band2	3MHz	256QAM	19185	1RB#0	19.09	20.09	33.00	PASS
Band2	3MHz	256QAM	19185	1RB#8	19.1	20.1	33.00	PASS
Band2	3MHz	256QAM	19185	1RB#14	19.04	20.04	33.00	PASS
Band2	3MHz	256QAM	19185	15RB#0	18.96	19.96	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.75	24.75	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.84	24.84	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.79	24.79	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	23.01	24.01	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.95	24.95	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.78	24.78	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.77	24.77	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.97	23.97	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.56	24.56	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.78	24.78	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.78	24.78	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	23	24	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	23.06	24.06	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	23.03	24.03	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.96	23.96	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.02	23.02	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.05	24.05	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.04	24.04	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	23	24	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.01	23.01	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.99	23.99	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.07	24.07	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.08	24.08	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	22	23	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	22.1	23.1	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	22.08	23.08	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	22.15	23.15	33.00	PASS

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Band2	5MHz	64QAM	18900	1RB#0	22.09	23.09	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	22.06	23.06	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	22.14	23.14	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.98	21.98	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	22.07	23.07	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	22.13	23.13	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	22.16	23.16	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.97	21.97	33.00	PASS
Band2	5MHz	256QAM	18625	1RB#0	19.05	20.05	33.00	PASS
Band2	5MHz	256QAM	18625	1RB#12	19.08	20.08	33.00	PASS
Band2	5MHz	256QAM	18625	1RB#24	19.03	20.03	33.00	PASS
Band2	5MHz	256QAM	18625	25RB#0	18.95	19.95	33.00	PASS
Band2	5MHz	256QAM	18900	1RB#0	19.07	20.07	33.00	PASS
Band2	5MHz	256QAM	18900	1RB#12	19.03	20.03	33.00	PASS
Band2	5MHz	256QAM	18900	1RB#24	19.06	20.06	33.00	PASS
Band2	5MHz	256QAM	18900	25RB#0	18.96	19.96	33.00	PASS
Band2	5MHz	256QAM	19175	1RB#0	19.04	20.04	33.00	PASS
Band2	5MHz	256QAM	19175	1RB#12	19.06	20.06	33.00	PASS
Band2	5MHz	256QAM	19175	1RB#24	19.1	20.1	33.00	PASS
Band2	5MHz	256QAM	19175	25RB#0	18.93	19.93	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.73	24.73	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.75	24.75	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.77	24.77	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	23	24	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	24.02	25.02	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.76	24.76	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.75	24.75	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.95	23.95	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	24.07	25.07	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.73	24.73	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.75	24.75	33.00	PASS

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Band2	10MHz	QPSK	19150	50RB#0	22.99	23.99	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.01	24.01	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.06	24.06	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.03	24.03	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.98	22.98	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.04	24.04	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.07	24.07	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.13	24.13	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.98	22.98	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.06	24.06	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.04	24.04	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	23.07	24.07	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.99	22.99	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	22.11	23.11	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	22.13	23.13	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	22.16	23.16	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.99	21.99	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	22.15	23.15	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	22.11	23.11	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	22.1	23.1	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.95	21.95	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	22.08	23.08	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	22.1	23.1	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	22.17	23.17	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.94	21.94	33.00	PASS
Band2	10MHz	256QAM	18650	1RB#0	19.05	20.05	33.00	PASS
Band2	10MHz	256QAM	18650	1RB#24	19.08	20.08	33.00	PASS
Band2	10MHz	256QAM	18650	1RB#49	19.1	20.1	33.00	PASS
Band2	10MHz	256QAM	18650	50RB#0	18.97	19.97	33.00	PASS
Band2	10MHz	256QAM	18900	1RB#0	19.02	20.02	33.00	PASS
Band2	10MHz	256QAM	18900	1RB#24	19.03	20.03	33.00	PASS
Band2	10MHz	256QAM	18900	1RB#49	19.03	20.03	33.00	PASS

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Band2	10MHz	256QAM	18900	50RB#0	18.92	19.92	33.00	PASS
Band2	10MHz	256QAM	19150	1RB#0	19.02	20.02	33.00	PASS
Band2	10MHz	256QAM	19150	1RB#24	19.08	20.08	33.00	PASS
Band2	10MHz	256QAM	19150	1RB#49	19.05	20.05	33.00	PASS
Band2	10MHz	256QAM	19150	50RB#0	18.93	19.93	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.62	24.62	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.72	24.72	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.66	24.66	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.95	23.95	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.56	24.56	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.68	24.68	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.69	24.69	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.91	23.91	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.58	24.58	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.68	24.68	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.69	24.69	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.93	23.93	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.07	24.07	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.13	24.13	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.04	24.04	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.87	22.87	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.05	24.05	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.04	24.04	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.05	24.05	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.92	22.92	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.94	23.94	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.95	23.95	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.02	24.02	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.93	22.93	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	22.01	23.01	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	22.13	23.13	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	22.08	23.08	33.00	PASS

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Band2	15MHz	64QAM	18675	75RB#0	20.93	21.93	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	22.06	23.06	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	22.09	23.09	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	22.12	23.12	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.9	21.9	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	22.04	23.04	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	22.03	23.03	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	22.06	23.06	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.93	21.93	33.00	PASS
Band2	15MHz	256QAM	18675	1RB#0	18.95	19.95	33.00	PASS
Band2	15MHz	256QAM	18675	1RB#38	19.03	20.03	33.00	PASS
Band2	15MHz	256QAM	18675	1RB#74	18.95	19.95	33.00	PASS
Band2	15MHz	256QAM	18675	75RB#0	18.91	19.91	33.00	PASS
Band2	15MHz	256QAM	18900	1RB#0	18.99	19.99	33.00	PASS
Band2	15MHz	256QAM	18900	1RB#38	19.08	20.08	33.00	PASS
Band2	15MHz	256QAM	18900	1RB#74	19.03	20.03	33.00	PASS
Band2	15MHz	256QAM	18900	75RB#0	18.9	19.9	33.00	PASS
Band2	15MHz	256QAM	19125	1RB#0	18.96	19.96	33.00	PASS
Band2	15MHz	256QAM	19125	1RB#38	18.93	19.93	33.00	PASS
Band2	15MHz	256QAM	19125	1RB#74	19.09	20.09	33.00	PASS
Band2	15MHz	256QAM	19125	75RB#0	18.9	19.9	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.63	24.63	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.68	24.68	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.66	24.66	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.98	23.98	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.22	24.22	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.71	24.71	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.71	24.71	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.96	23.96	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.62	24.62	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.75	24.75	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.69	24.69	33.00	PASS

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Band2	20MHz	QPSK	19100	100RB#0	23	24	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.04	24.04	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.09	24.09	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.04	24.04	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.98	22.98	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.98	23.98	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.01	24.01	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.01	24.01	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.94	22.94	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	23	24	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.04	24.04	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.06	24.06	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.95	22.95	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	22.04	23.04	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	22.11	23.11	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	22.05	23.05	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.92	21.92	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	22	23	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	22.08	23.08	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	22.09	23.09	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.92	21.92	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	22.11	23.11	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	22.08	23.08	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	22.18	23.18	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.95	21.95	33.00	PASS
Band2	20MHz	256QAM	18700	1RB#0	18.94	19.94	33.00	PASS
Band2	20MHz	256QAM	18700	1RB#49	19.06	20.06	33.00	PASS
Band2	20MHz	256QAM	18700	1RB#99	19	20	33.00	PASS
Band2	20MHz	256QAM	18700	100RB#0	18.95	19.95	33.00	PASS
Band2	20MHz	256QAM	18900	1RB#0	18.97	19.97	33.00	PASS
Band2	20MHz	256QAM	18900	1RB#49	19.01	20.01	33.00	PASS
Band2	20MHz	256QAM	18900	1RB#99	19.03	20.03	33.00	PASS

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Band2	20MHz	256QAM	18900	100RB#0	18.92	19.92	33.00	PASS
Band2	20MHz	256QAM	19100	1RB#0	18.98	19.98	33.00	PASS
Band2	20MHz	256QAM	19100	1RB#49	19.04	20.04	33.00	PASS
Band2	20MHz	256QAM	19100	1RB#99	19.08	20.08	33.00	PASS
Band2	20MHz	256QAM	19100	100RB#0	18.91	19.91	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	5.02	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.10	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.96	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.80	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.94	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.80	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	6.24	13	PASS
Band2	20MHz	256QAM	18700	100RB#0	6.58	13	PASS
Band2	20MHz	256QAM	18900	100RB#0	6.58	13	PASS
Band2	20MHz	256QAM	19100	100RB#0	6.50	13	PASS



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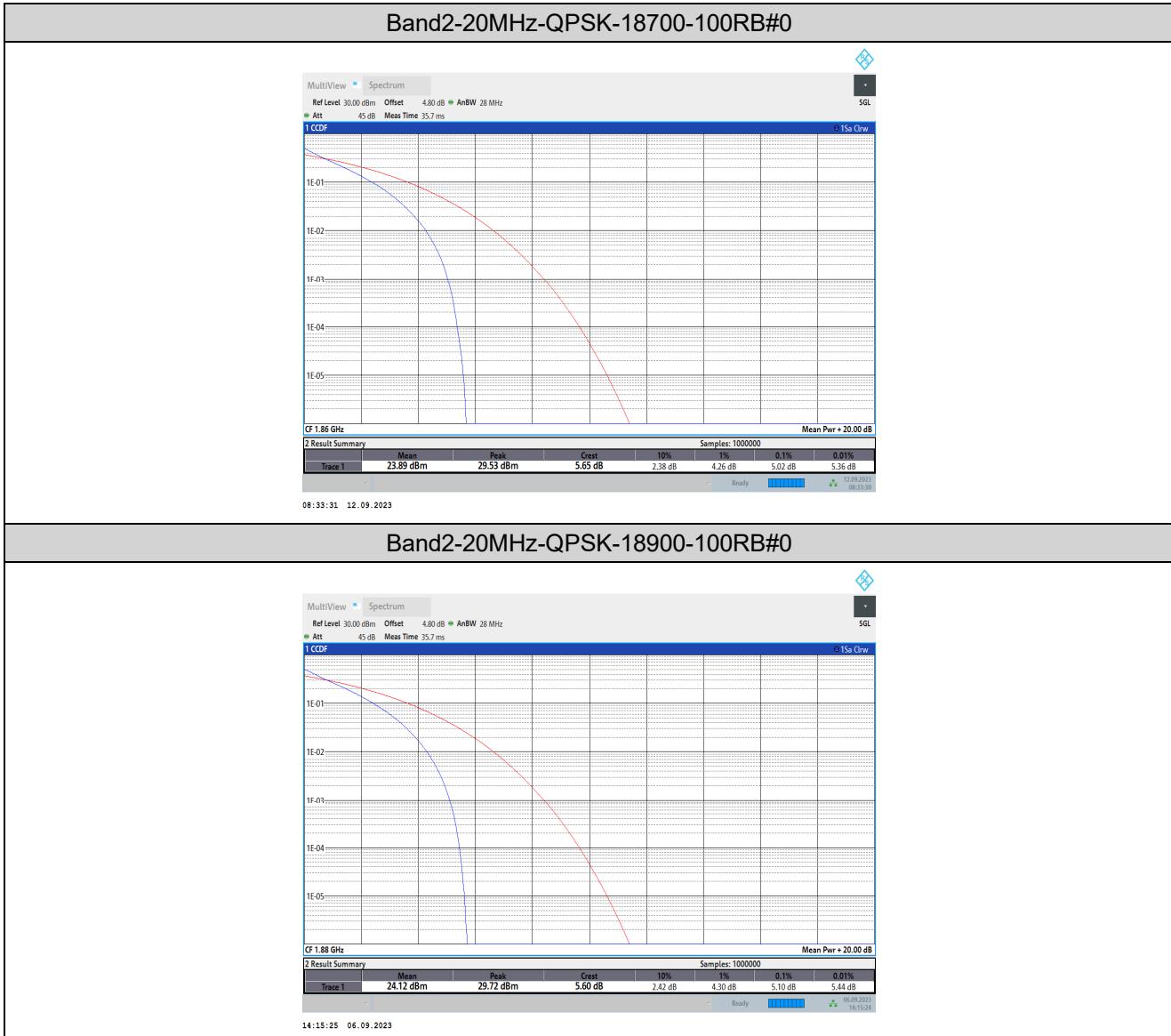
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Test Graphs



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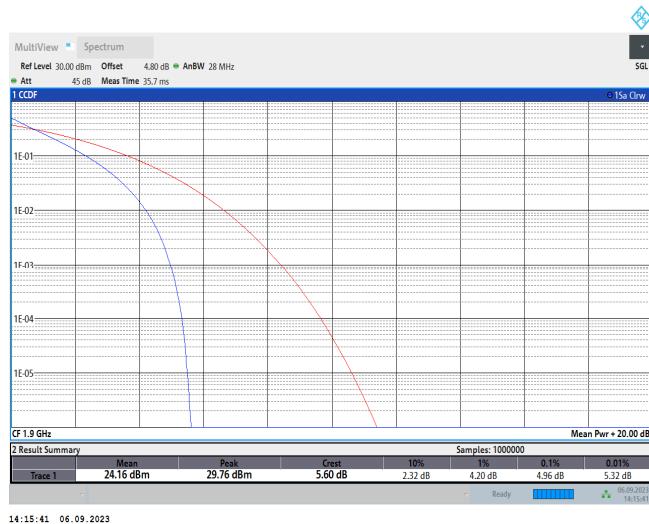
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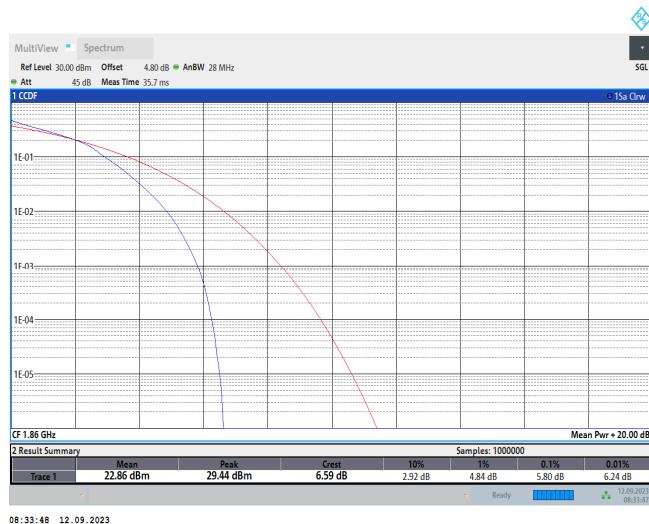
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Band2-20MHz-QPSK-19100-100RB#0



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



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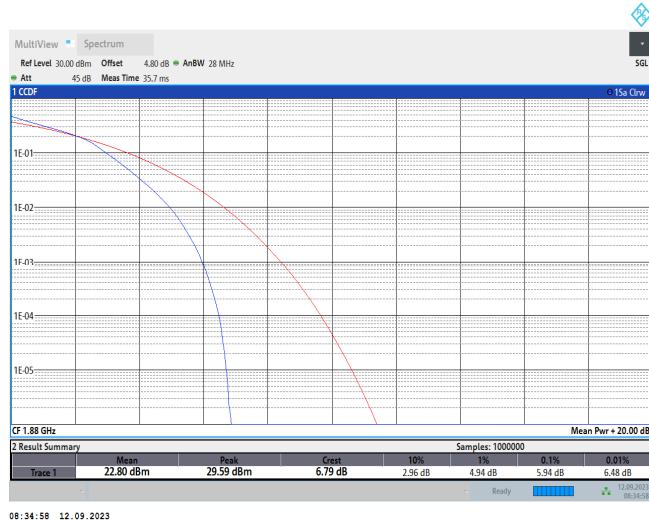
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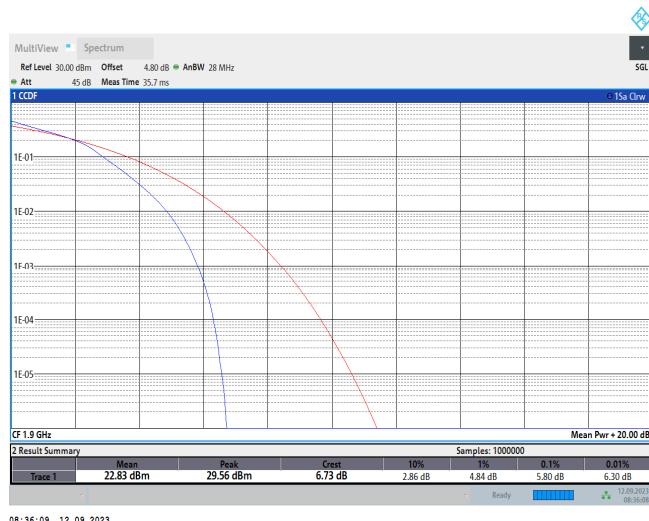
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Band2-20MHz-16QAM-18900-100RB#0



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



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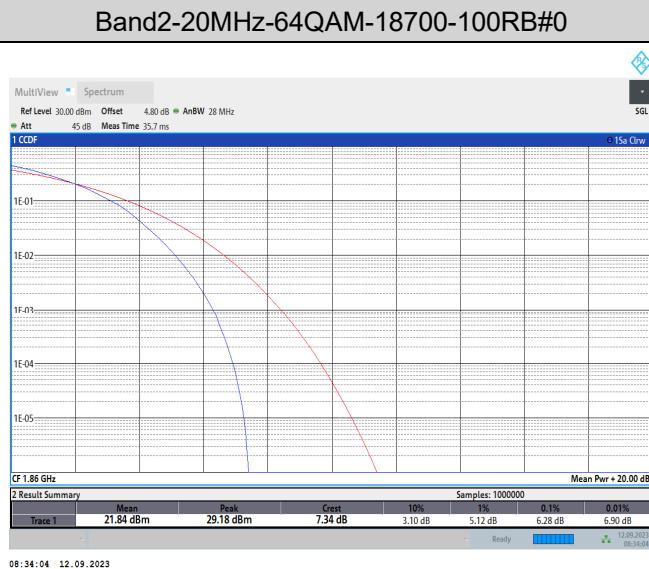
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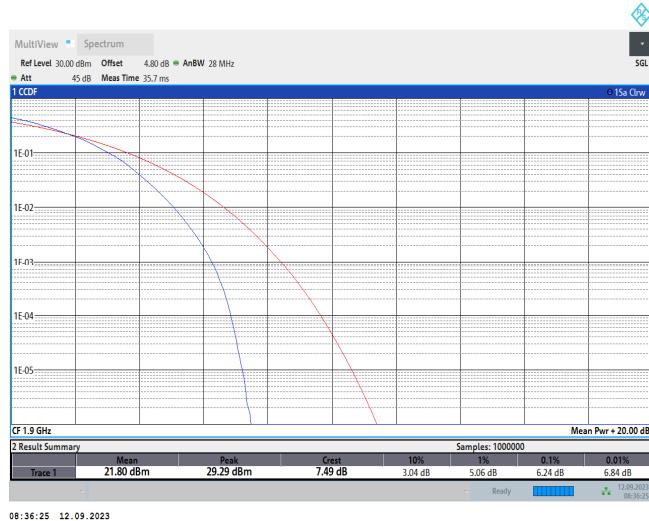


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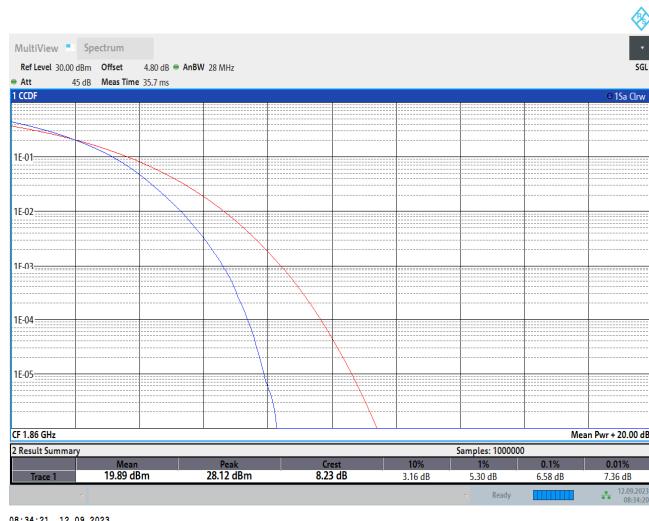


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Band2-20MHz-64QAM-19100-100RB#0



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



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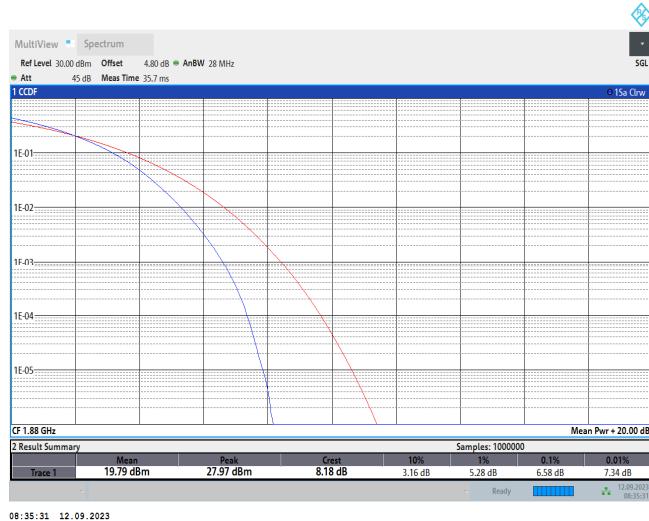


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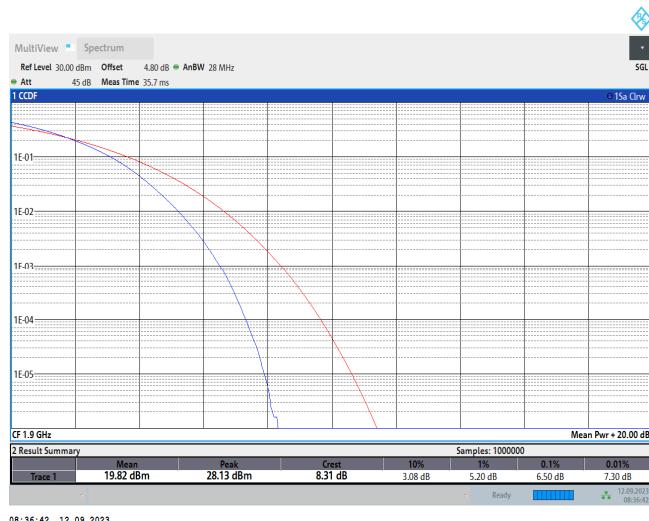
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Band2-20MHz-256QAM-19100-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18900	6RB#0	1.096	1.28	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.099	1.31	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.096	1.31	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	1.087	1.29	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.696	2.95	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.69	2.93	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.691	2.93	PASS
Band2	3MHz	256QAM	18900	15RB#0	2.688	2.94	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.469	4.91	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.469	4.85	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.472	4.84	PASS
Band2	5MHz	256QAM	18900	25RB#0	4.468	4.84	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.929	9.60	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.929	9.68	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.938	9.64	PASS
Band2	10MHz	256QAM	18900	50RB#0	8.924	9.62	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.445	14.67	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.46	14.70	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.449	14.76	PASS
Band2	15MHz	256QAM	18900	75RB#0	13.444	14.85	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.882	19.32	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.869	19.24	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.875	19.36	PASS
Band2	20MHz	256QAM	18900	100RB#0	17.878	19.36	PASS

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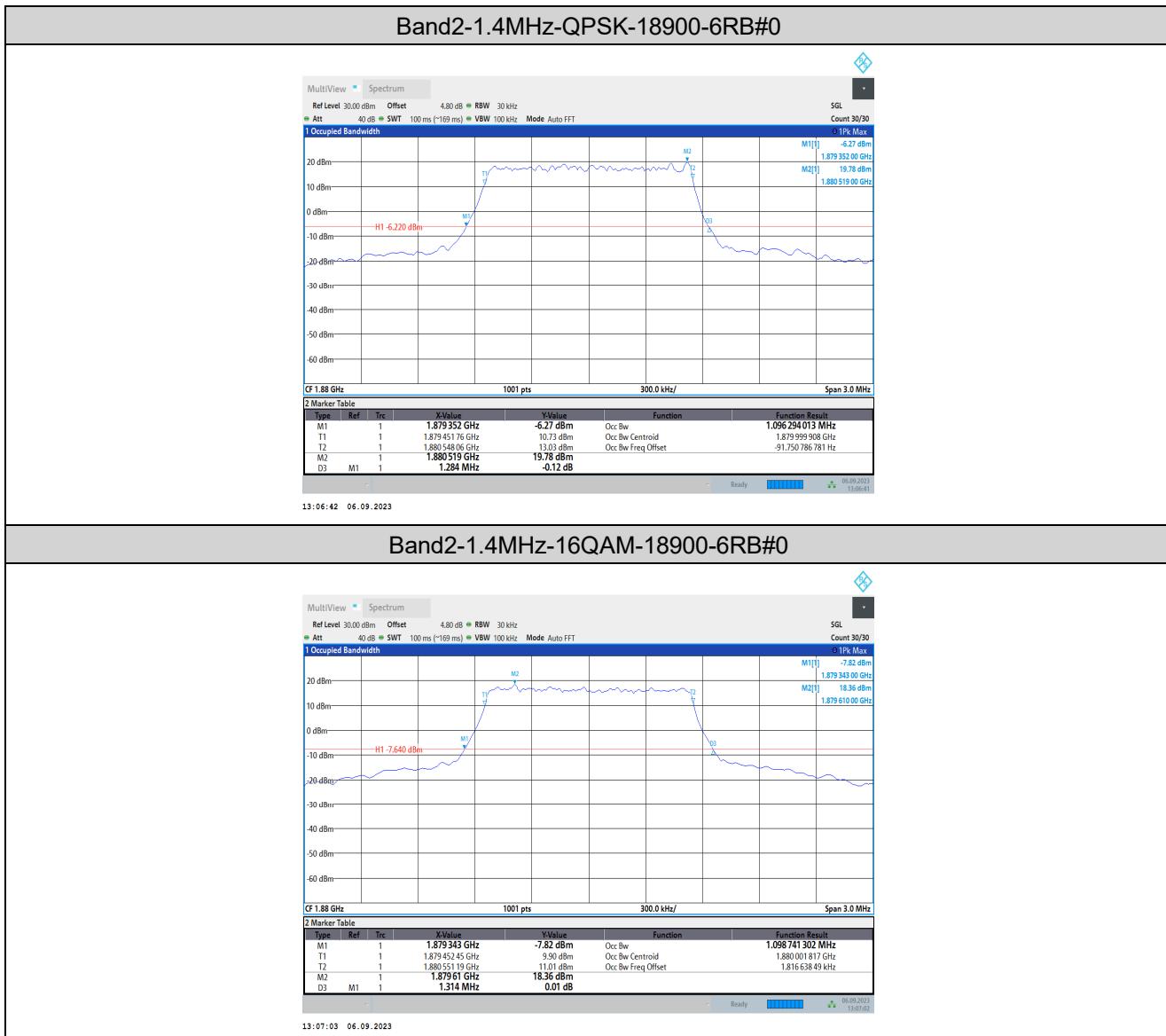
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Test Graphs

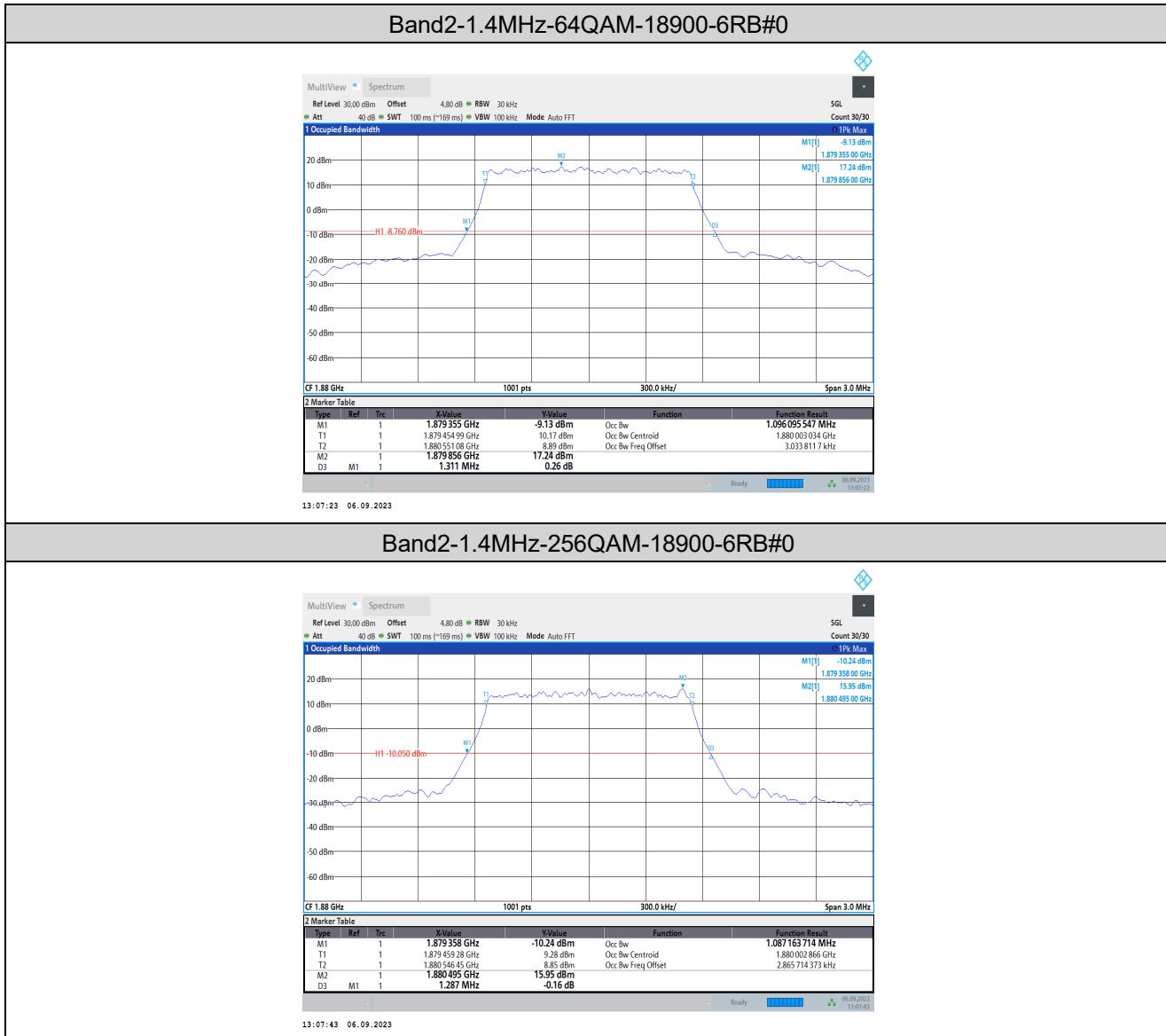


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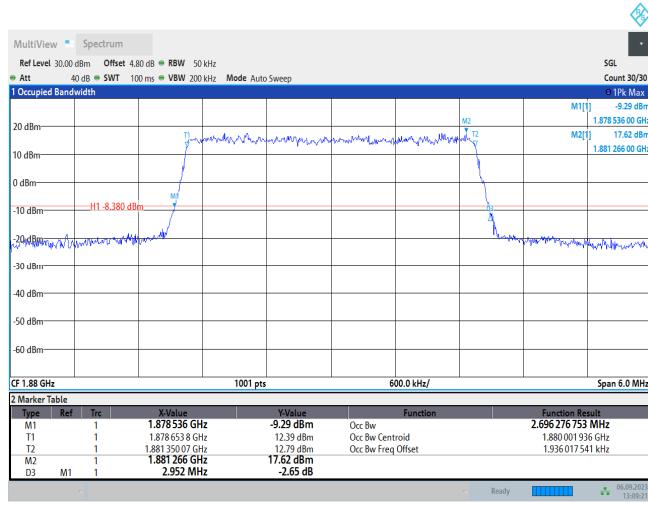
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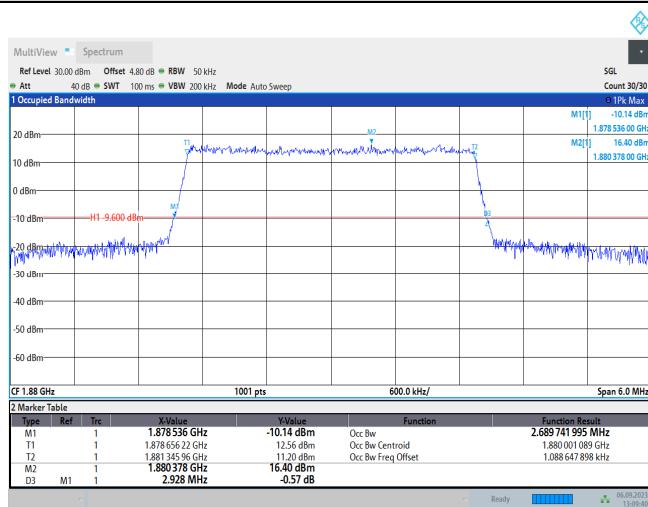
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Band2-3MHz-QPSK-18900-15RB#0



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



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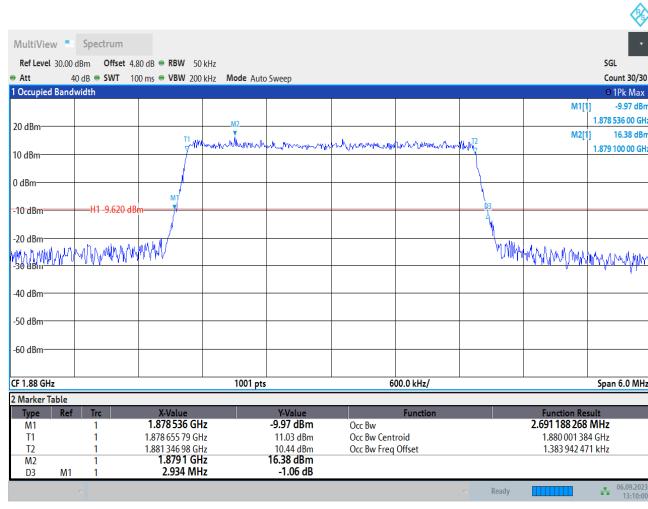
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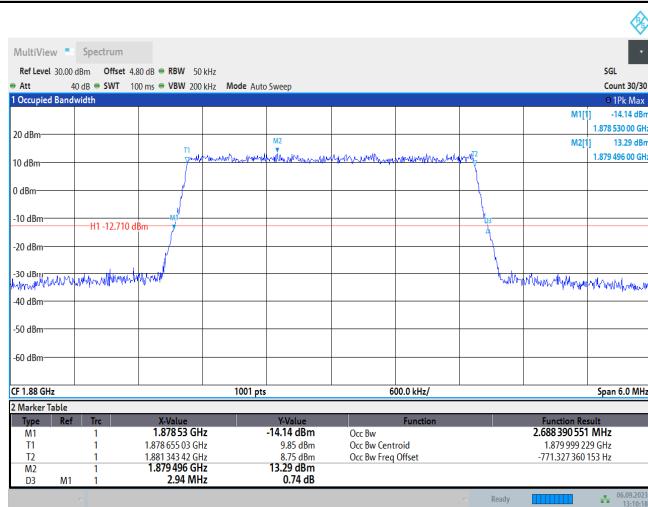
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Band2-3MHz-256QAM-18900-15RB#0



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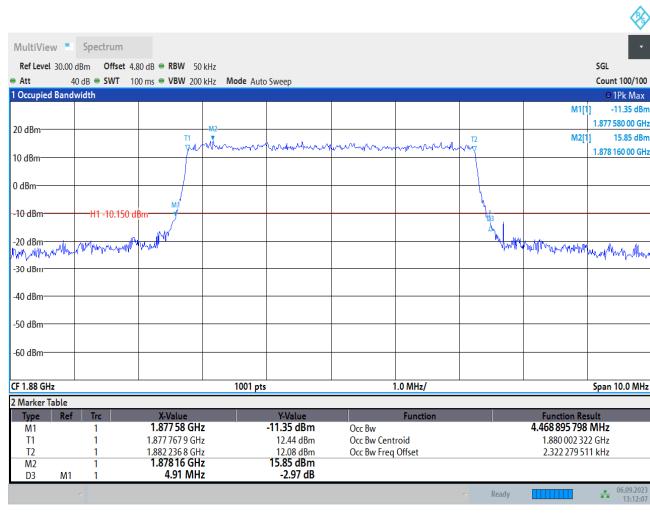


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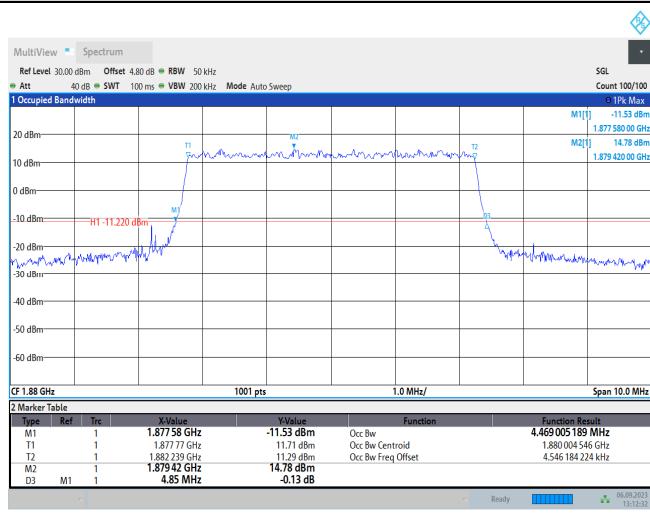
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Band2-5MHz-QPSK-18900-25RB#0



Band2-5MHz-16QAM-18900-25RB#0



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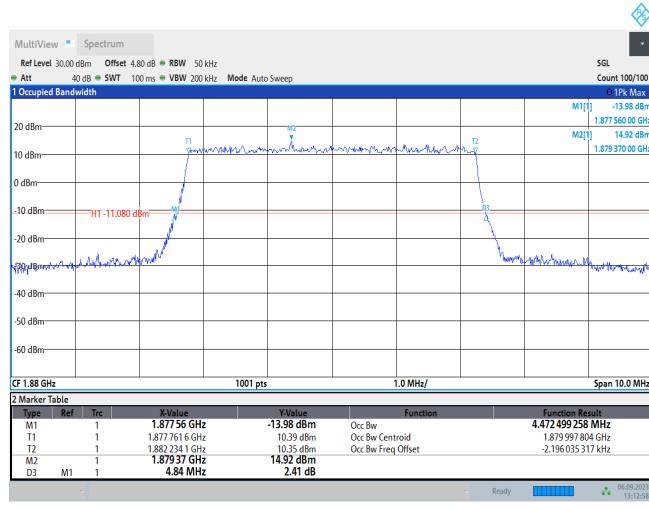


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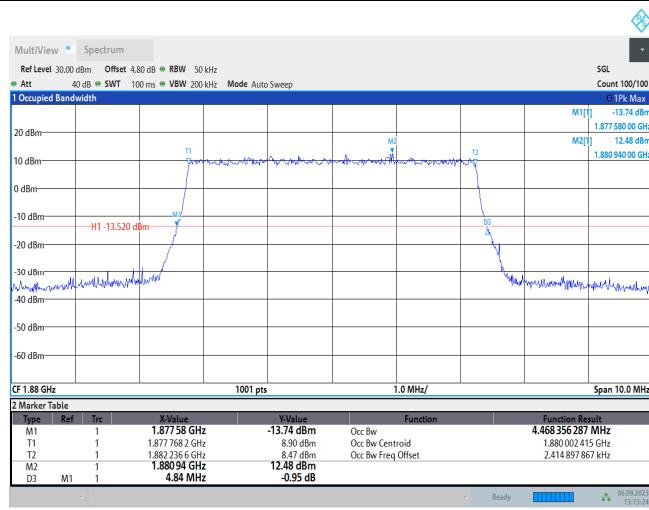
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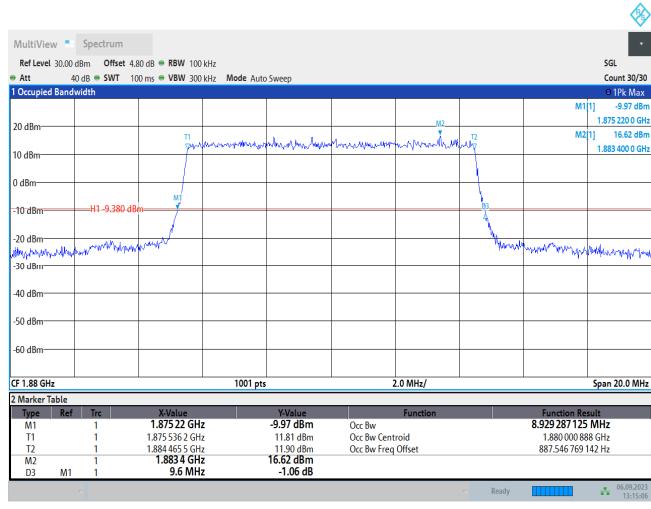


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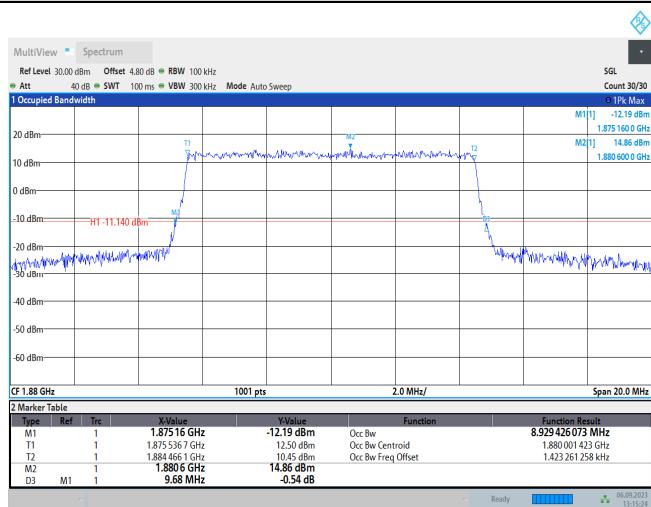
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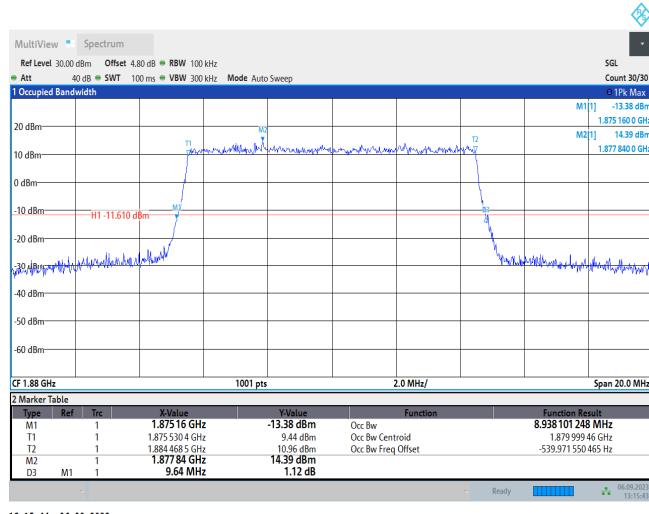


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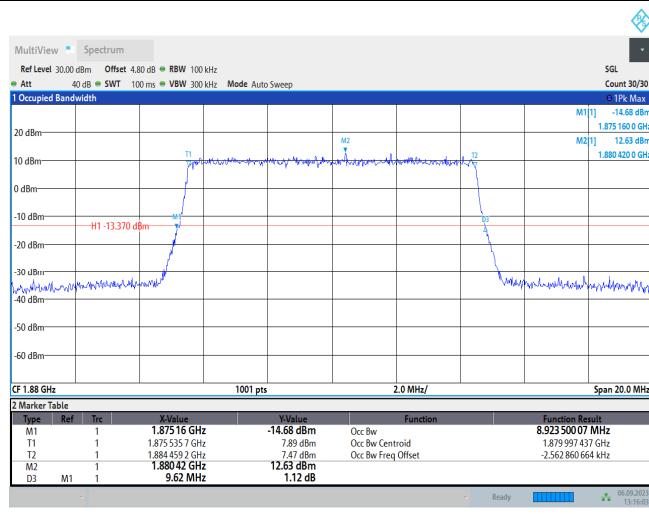
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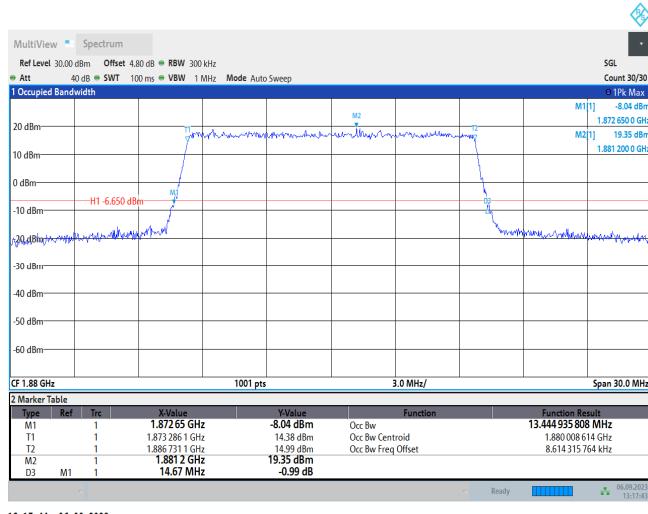
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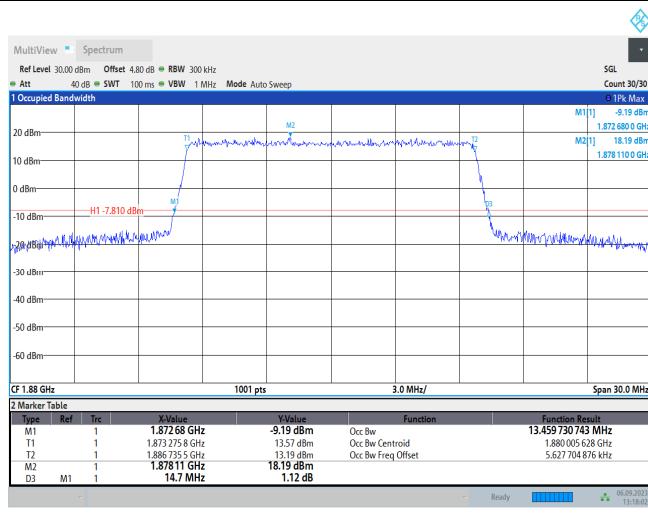
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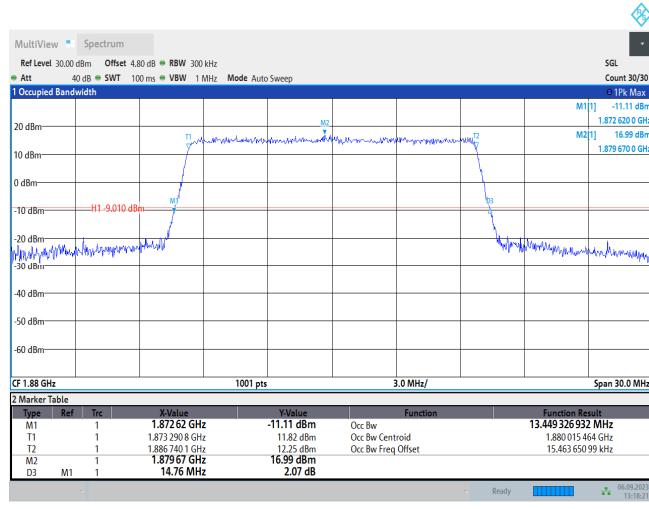


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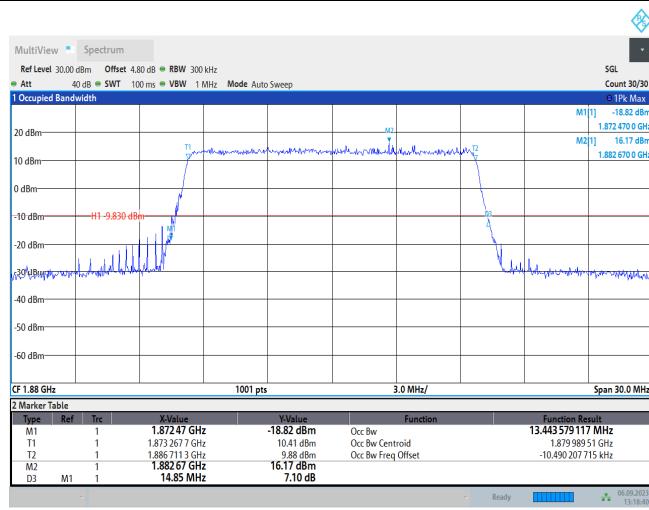
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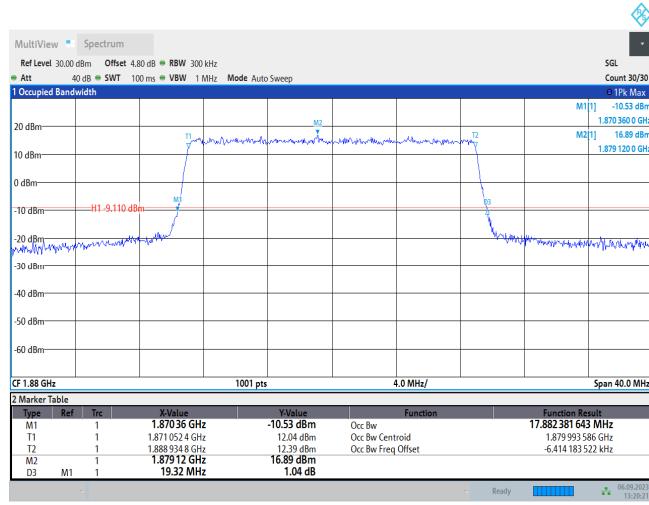


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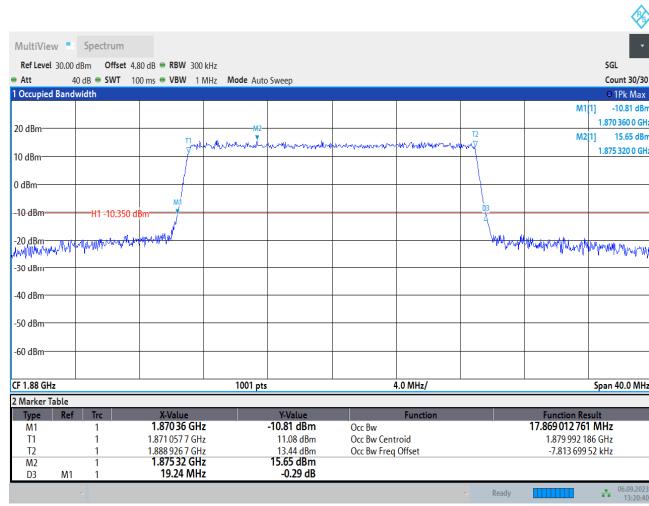
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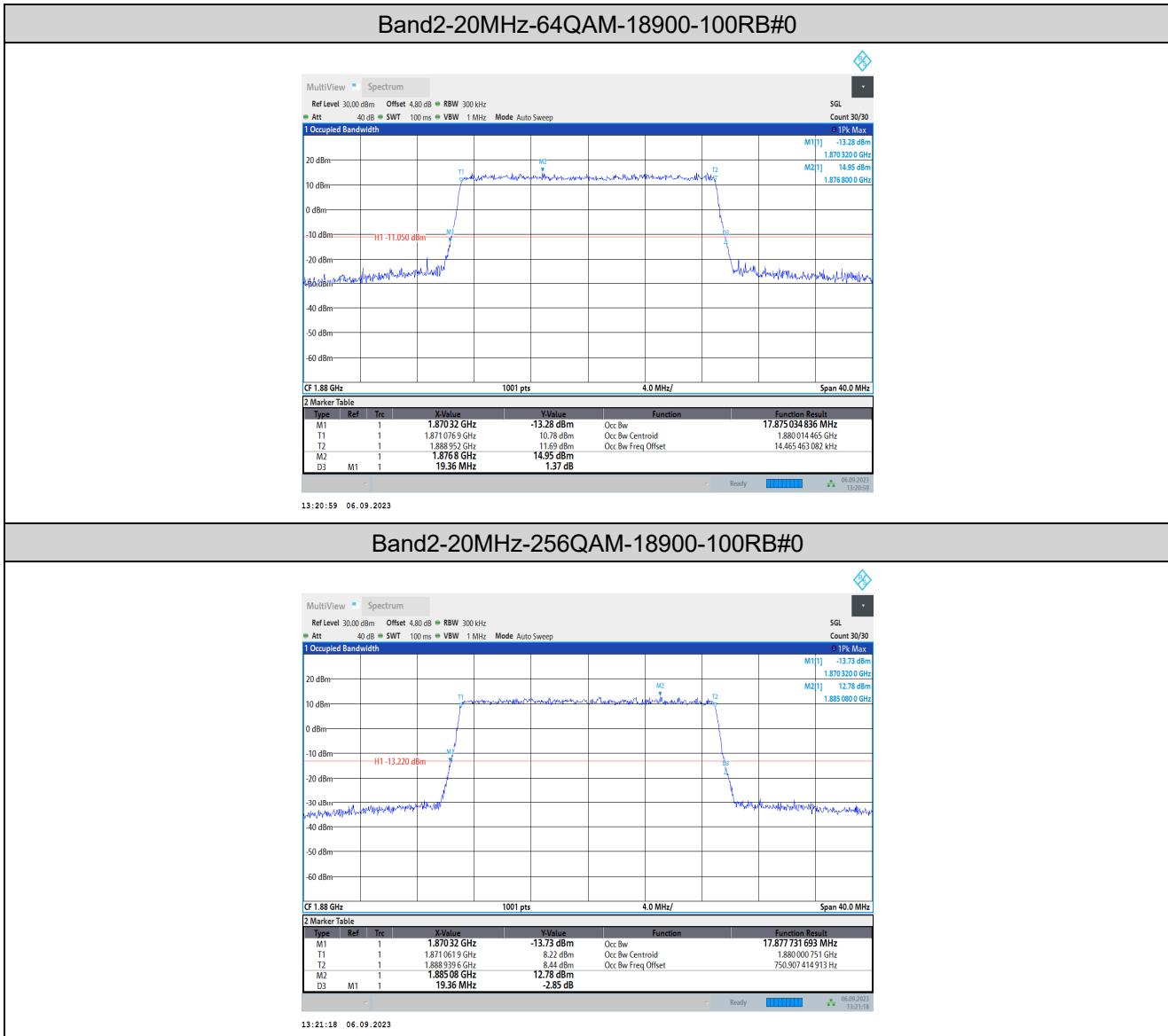
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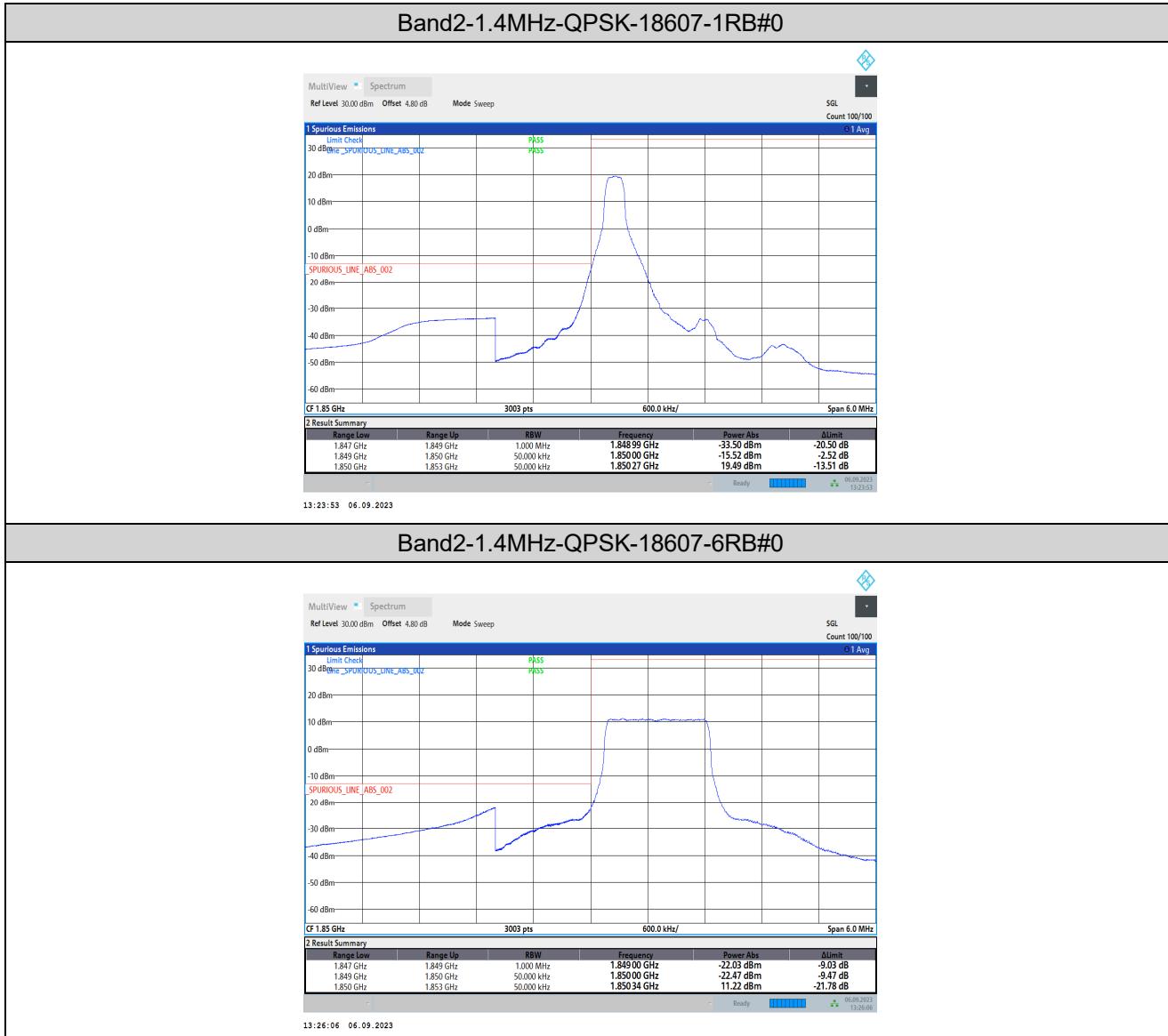
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Band Edge

Test Graphs



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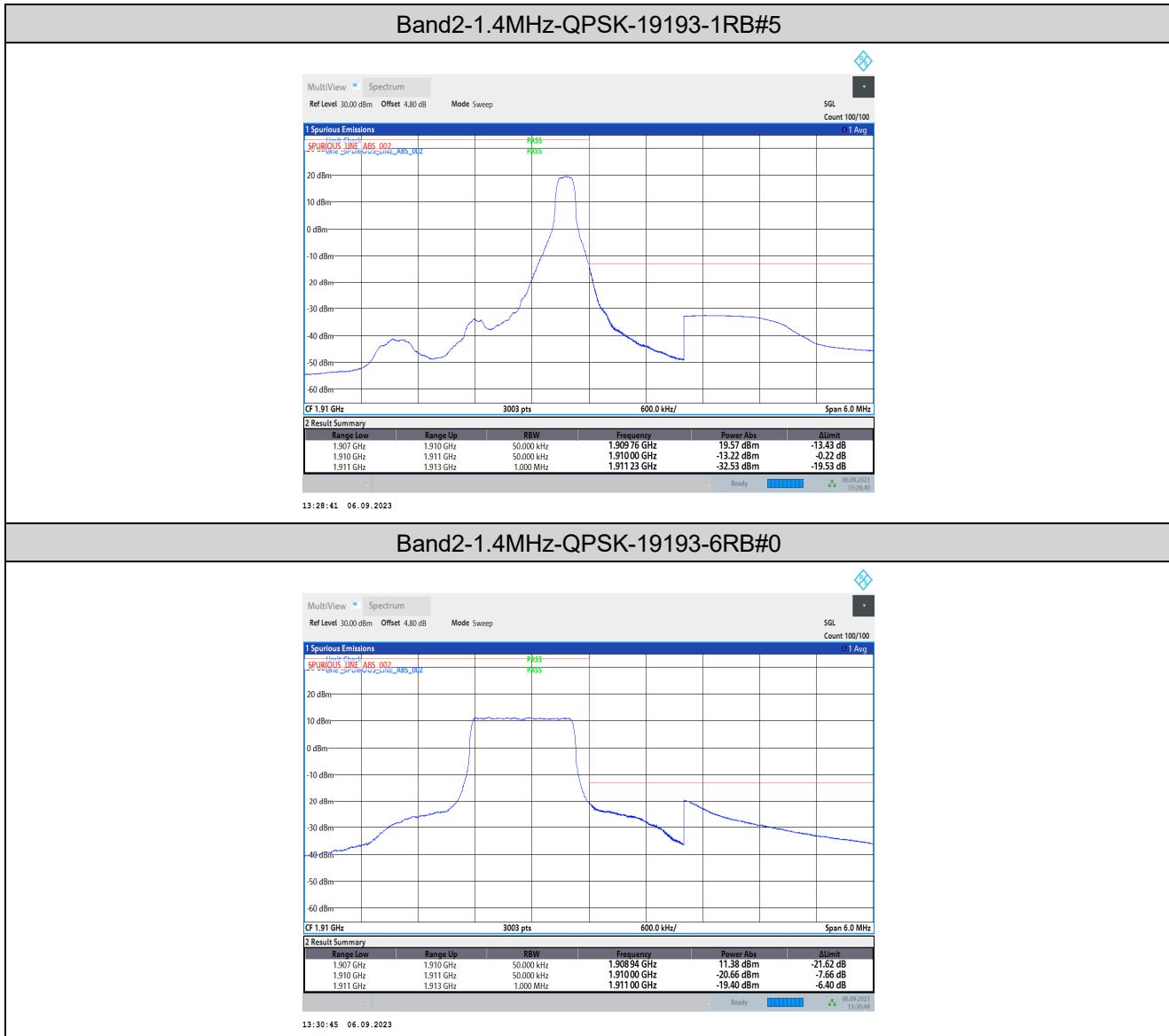
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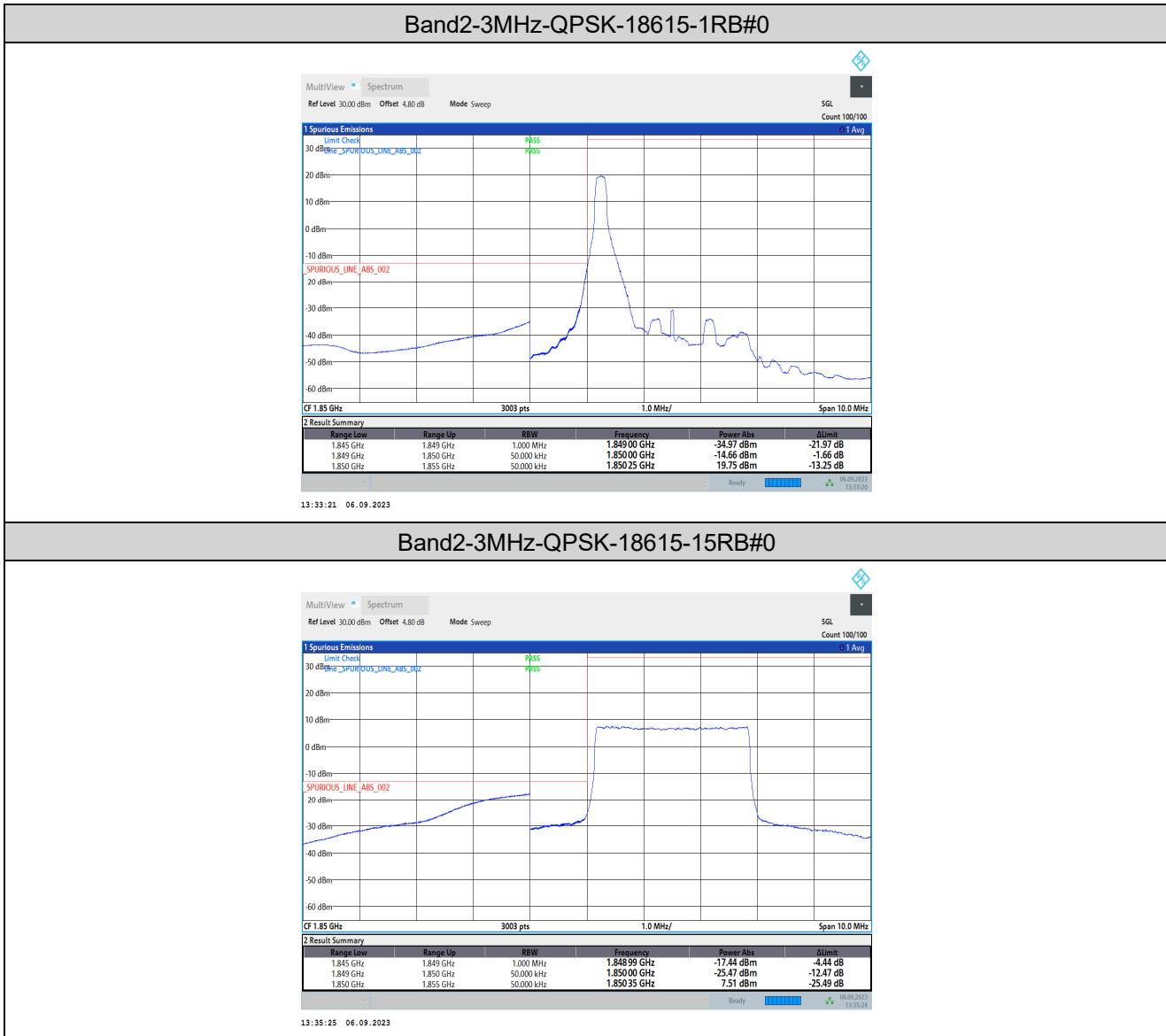
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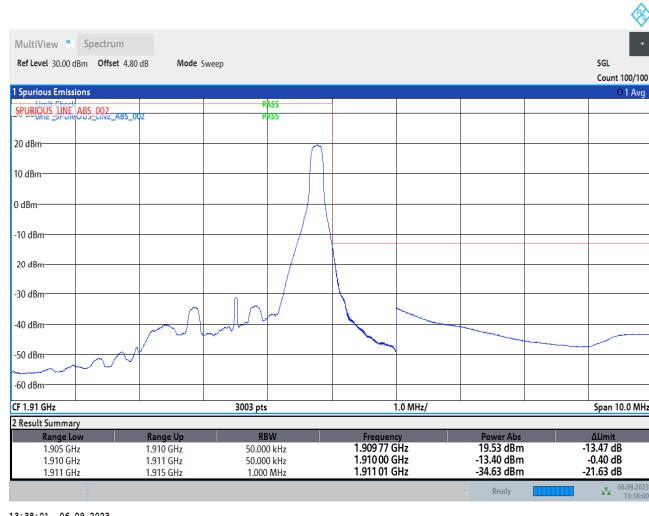


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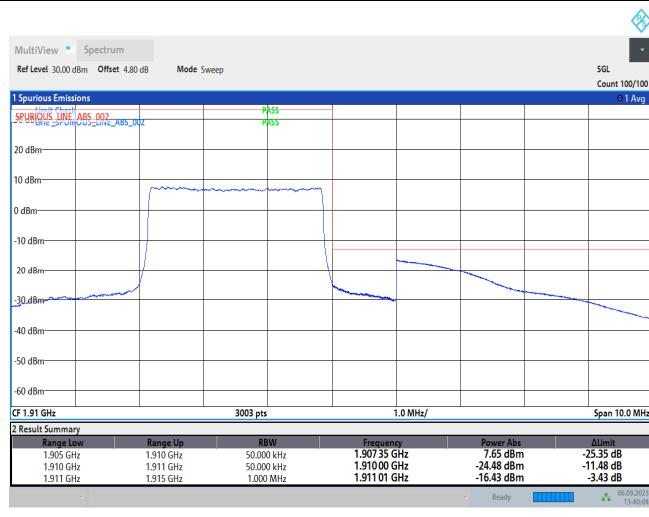
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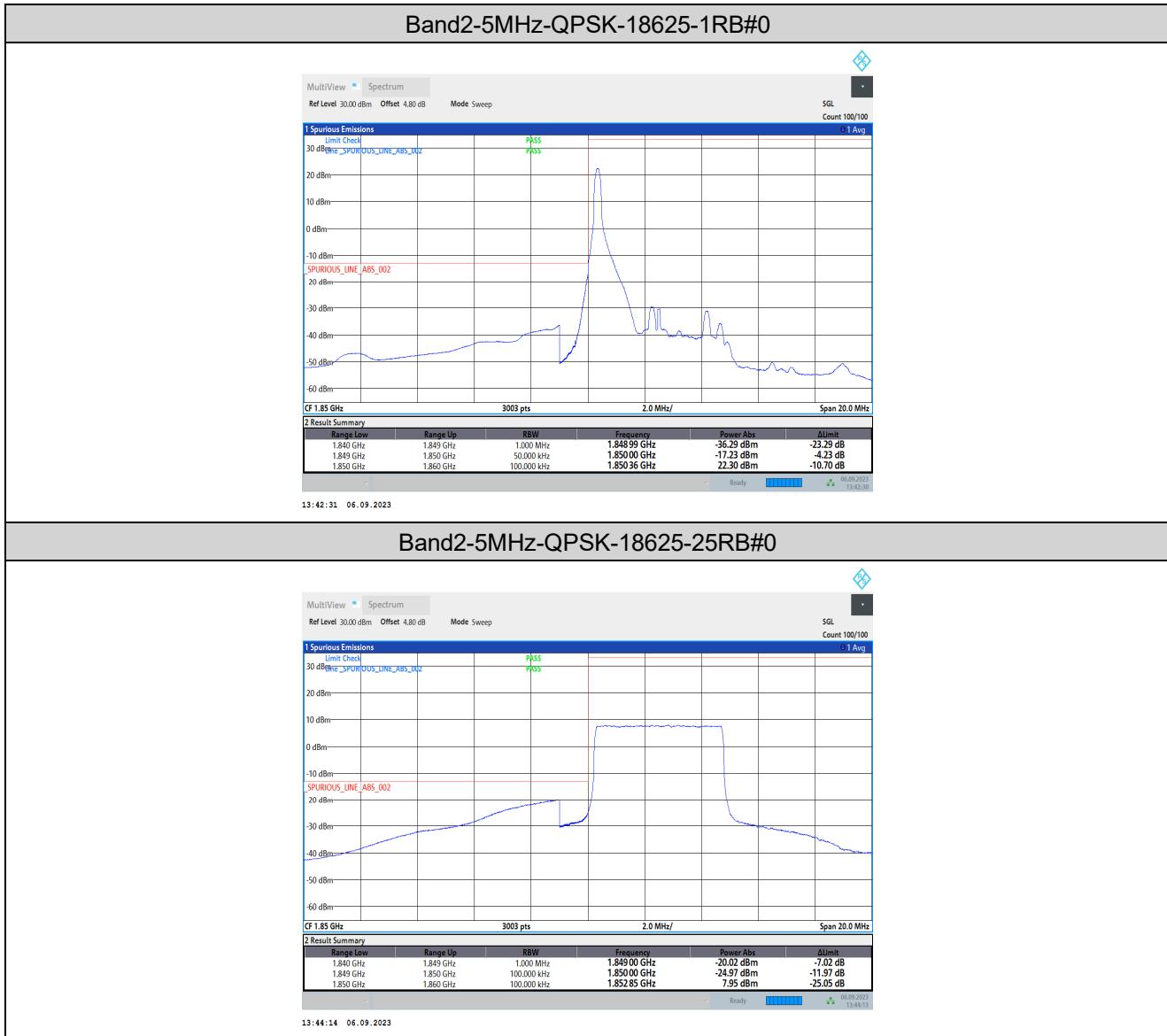
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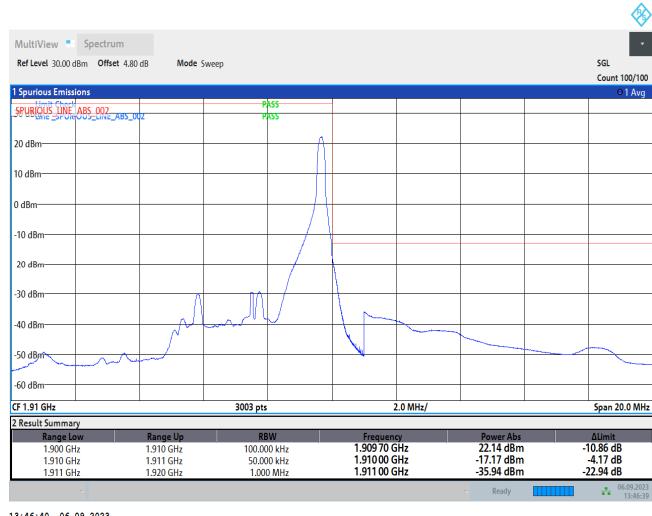


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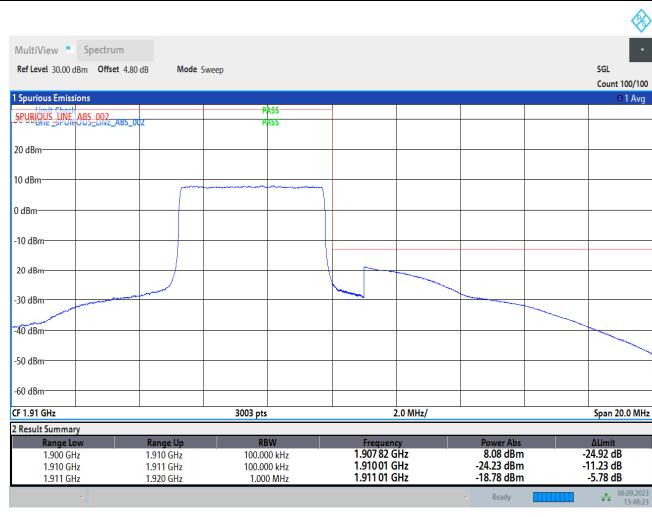
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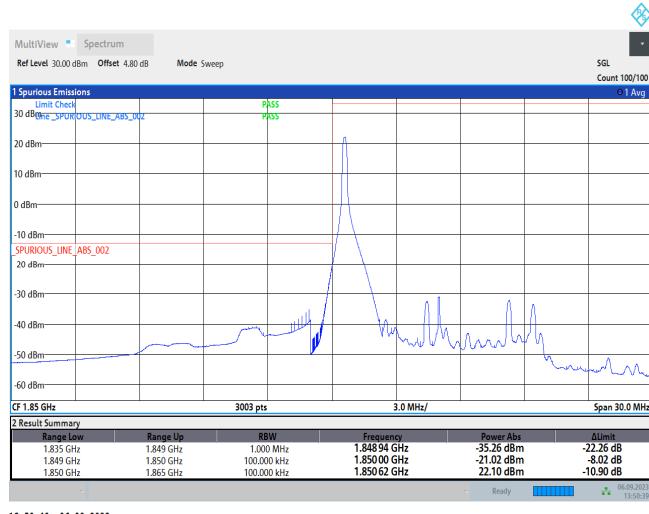


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Band2-10MHz-QPSK-18650-1RB#0



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



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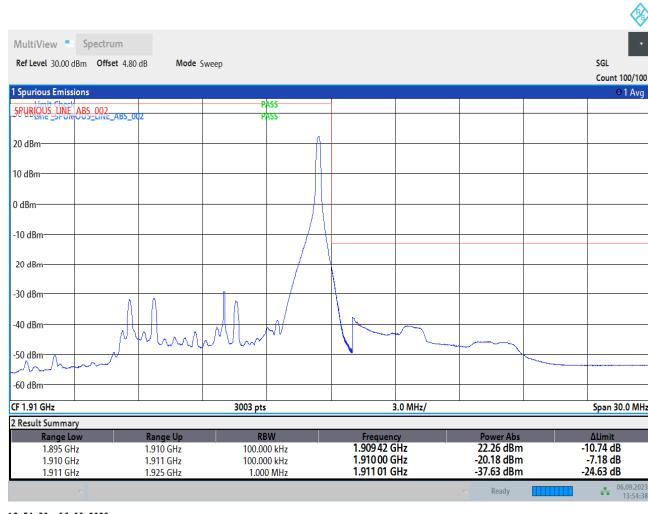


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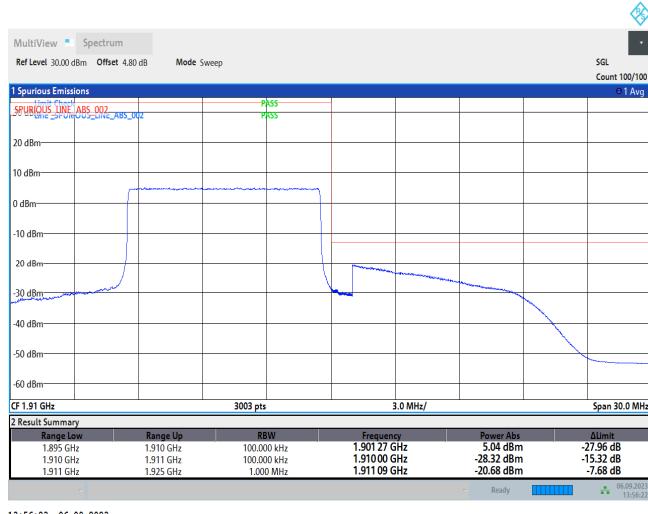
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Band2-10MHz-QPSK-19150-1RB#49



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



13:56:23 06.09.2023

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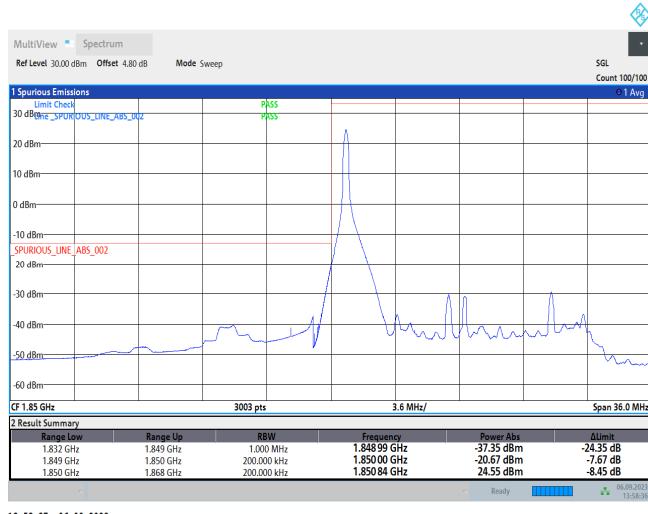


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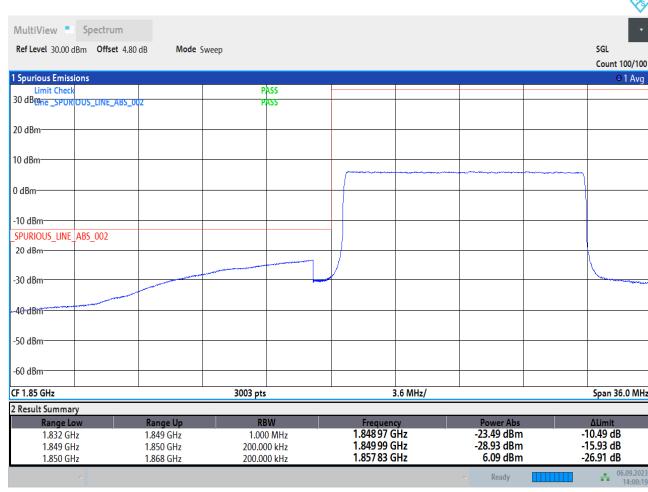
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Band2-15MHz-QPSK-18675-75RB#0



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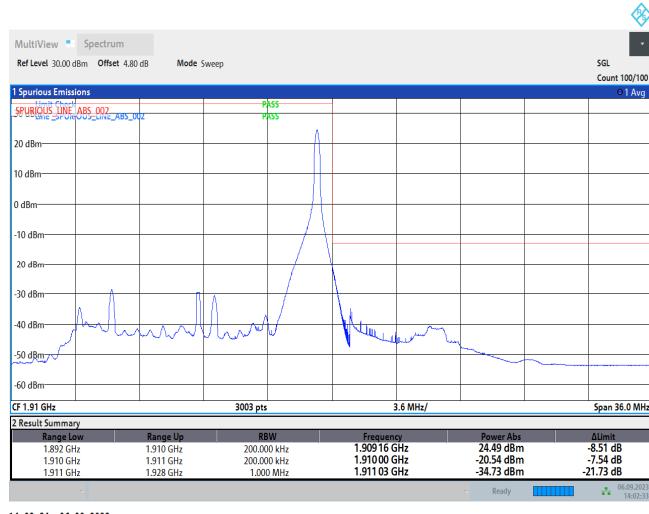


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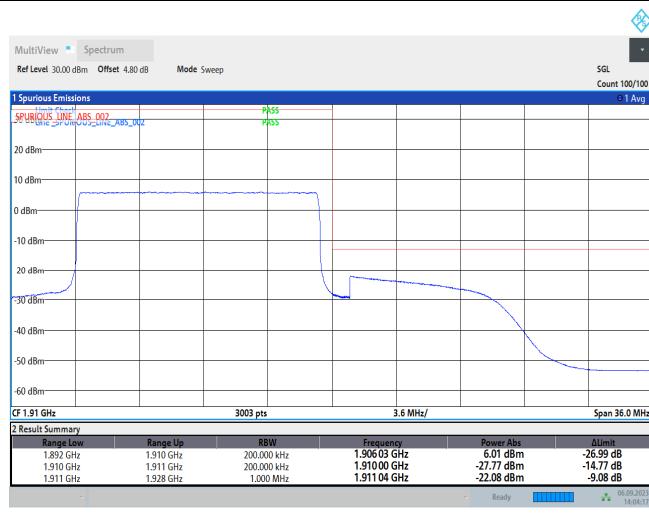
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Band2-15MHz-QPSK-19125-1RB#74



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



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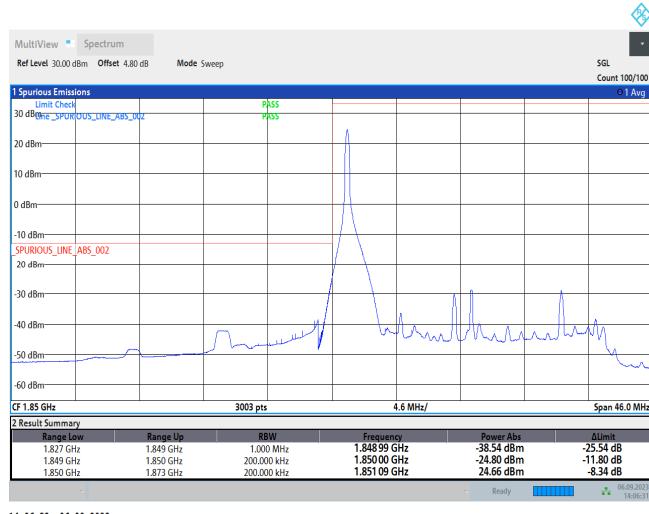


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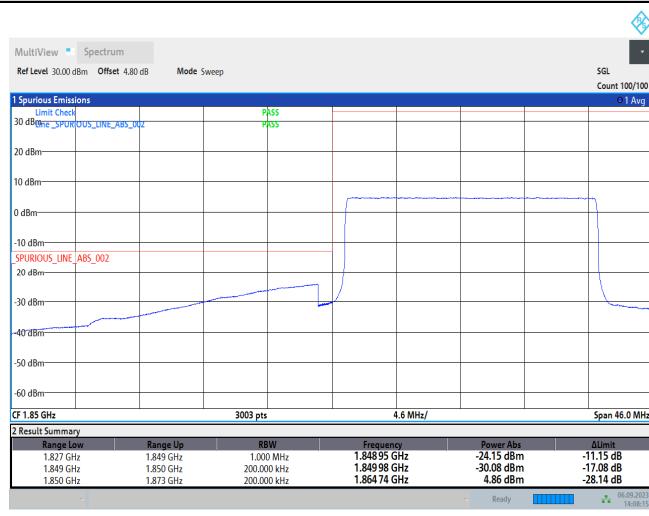
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Band2-20MHz-QPSK-18700-1RB#0



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



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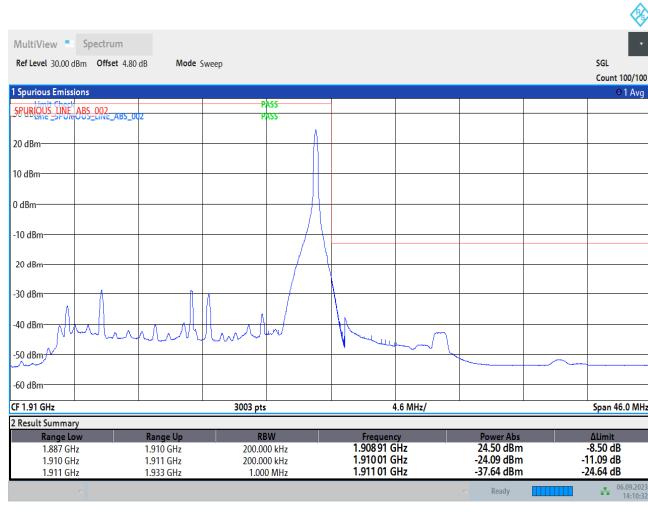


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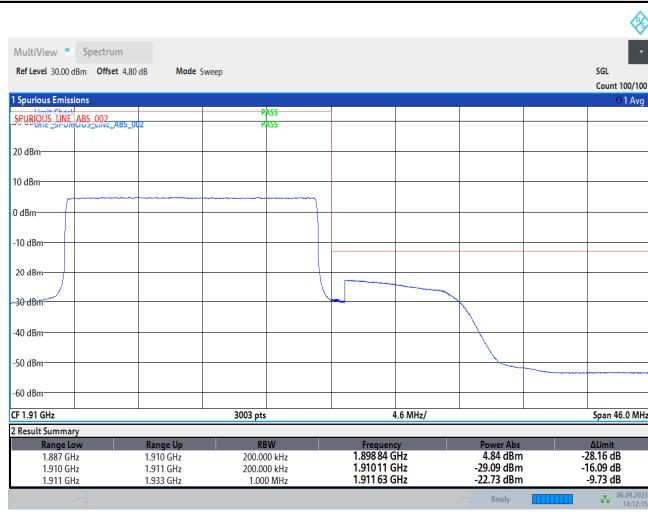
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Band2-20MHz-QPSK-19100-1RB#99



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



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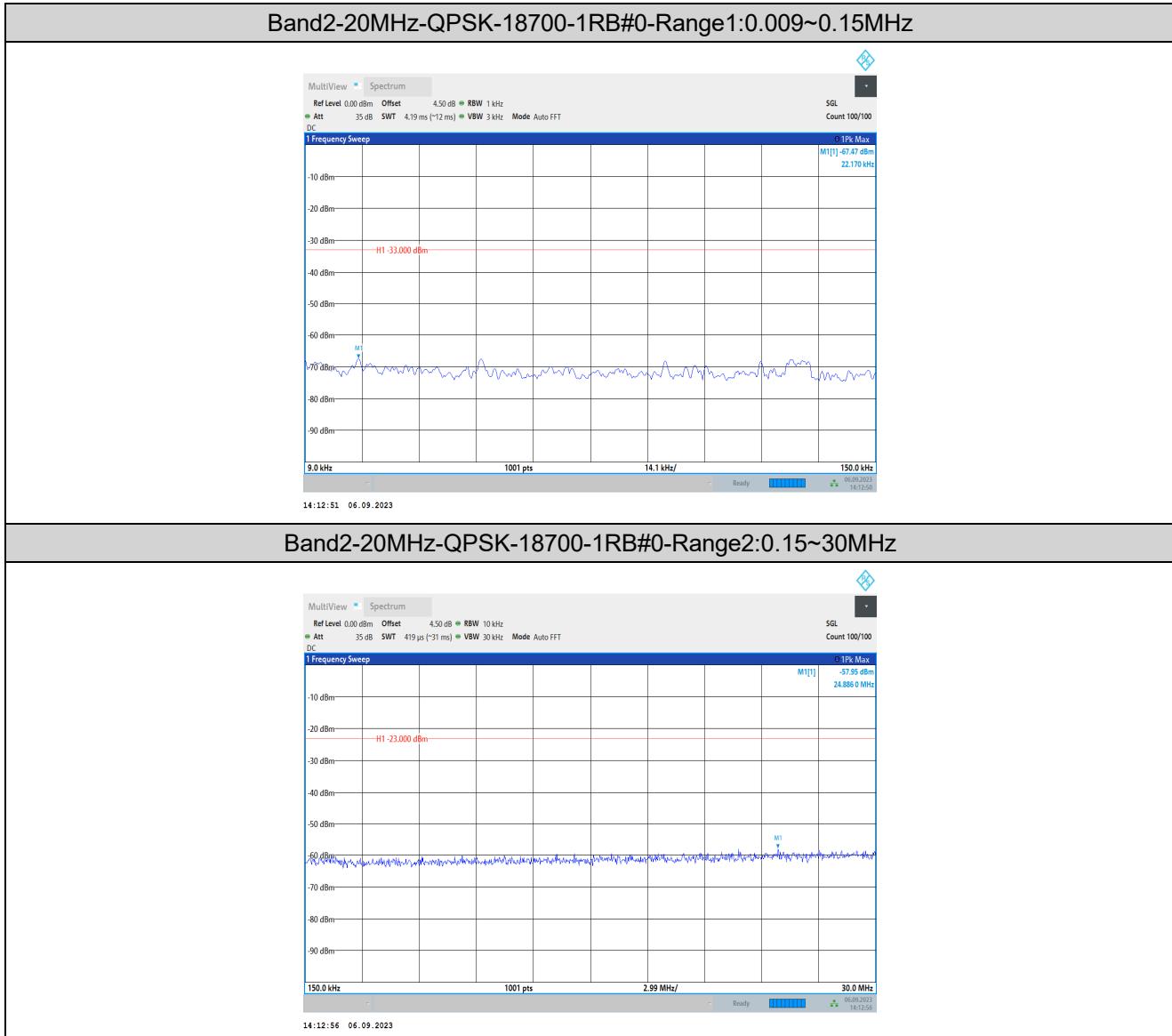
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Conducted Spurious Emission

Test Graphs



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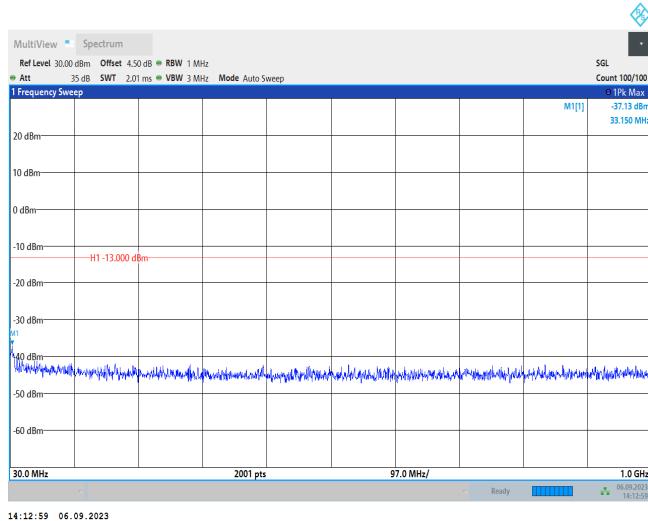
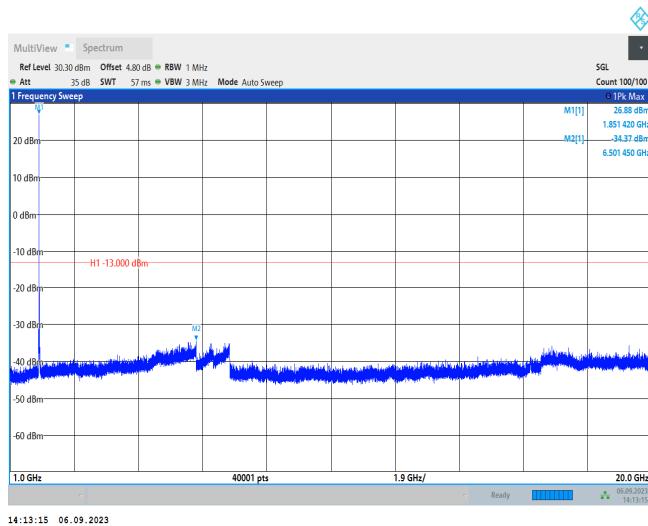
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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz**Band2-20MHz-QPSK-18700-1RB#0-Range4:1000~20000MHz**

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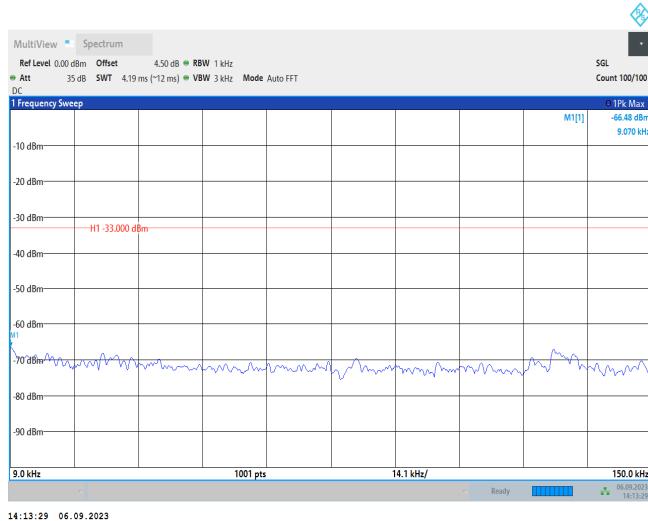
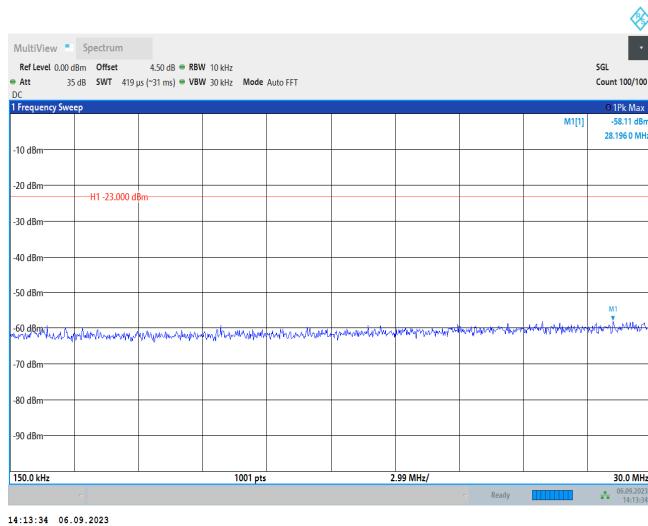
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Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz**Band2-20MHz-QPSK-18900-1RB#0-Range2:0.15~30MHz**

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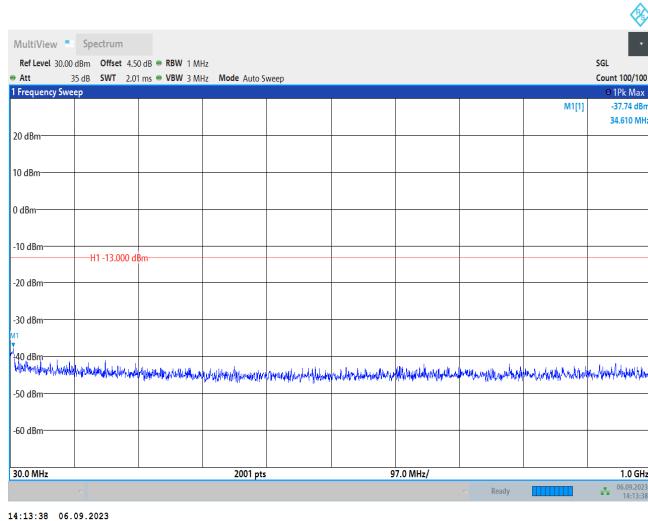
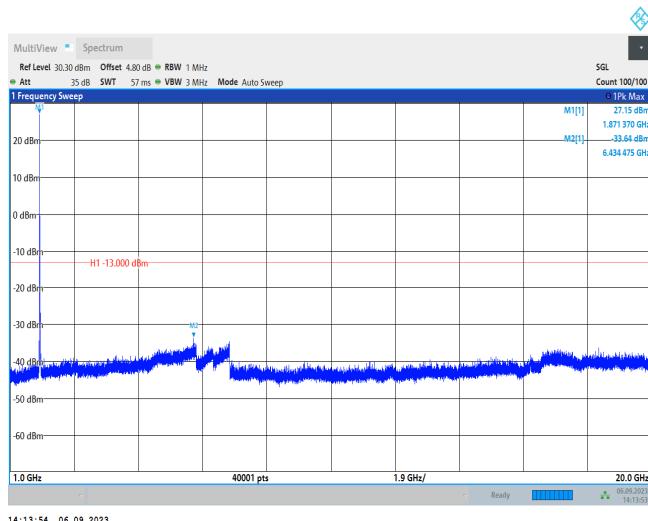
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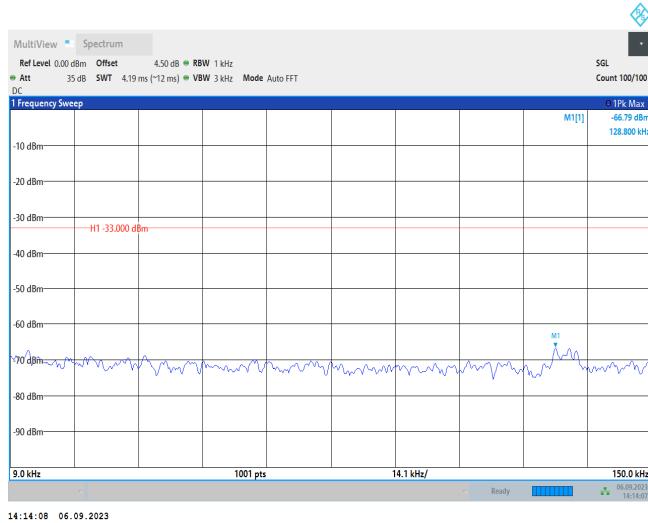
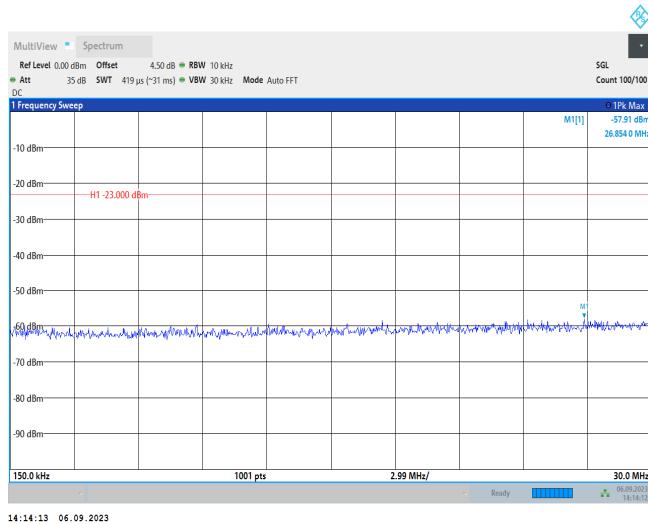
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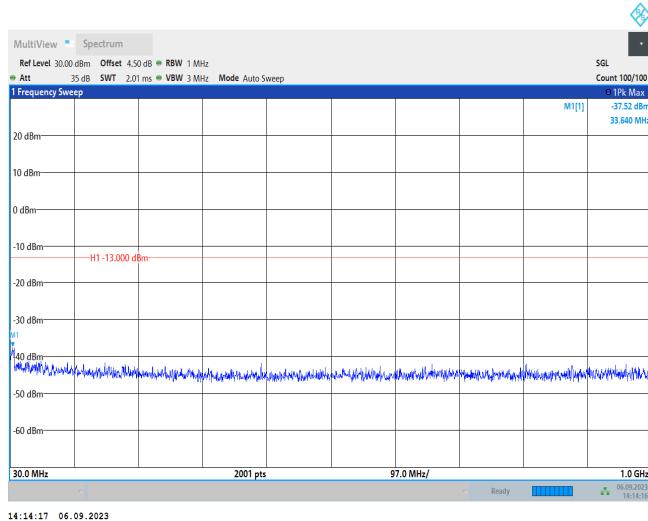
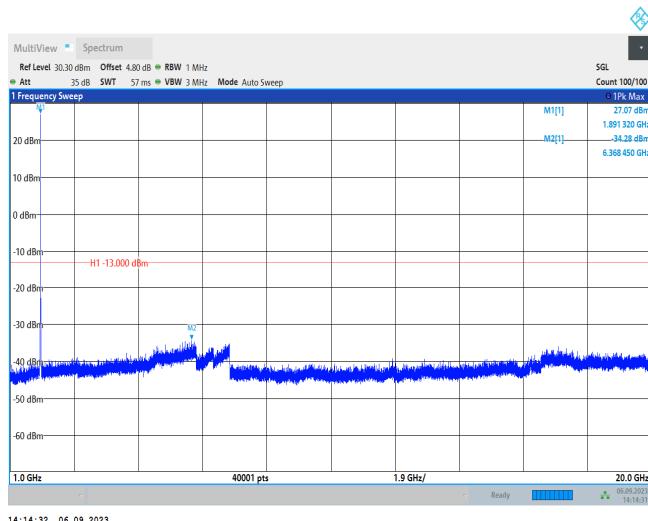
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Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz**Band2-20MHz-QPSK-19100-1RB#0-Range4:1000~20000MHz**

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Field Strength of Spurious Radiation

Test Band = LTE Band 2_20MHz_TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	43.92	-48.50	28.98	-70.86	-13.00	57.86	Vertical
2	5553.27	44.58	-47.66	32.71	-65.63	-13.00	52.63	Vertical
3	7404.36	45.53	-46.17	36.57	-59.33	-13.00	46.33	Vertical
4	9255.45	50.08	-43.17	37.83	-50.52	-13.00	37.52	Vertical
5	11106.54	37.60	-40.36	39.38	-58.64	-13.00	45.64	Vertical
6	12957.63	36.16	-39.41	38.63	-59.88	-13.00	46.88	Vertical

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	44.40	-48.50	28.98	-70.38	-13.00	57.38	Horizontal
2	5553.27	45.35	-47.66	32.71	-64.86	-13.00	51.86	Horizontal
3	7404.36	46.70	-46.17	36.57	-58.16	-13.00	45.16	Horizontal
4	9255.45	50.37	-43.17	37.83	-50.23	-13.00	37.23	Horizontal
5	11106.54	37.66	-40.36	39.38	-58.58	-13.00	45.58	Horizontal
6	12957.63	35.75	-39.41	38.63	-60.29	-13.00	47.29	Horizontal



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Test Band = LTE Band 2_20MHz_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	45.40	-48.37	29.04	-69.19	-13.00	56.19	Vertical
2	5613.27	44.93	-47.67	32.72	-65.28	-13.00	52.28	Vertical
3	7484.36	42.44	-46.17	36.76	-62.23	-13.00	49.23	Vertical
4	9355.45	48.40	-42.97	37.92	-51.91	-13.00	38.91	Vertical
5	11226.54	37.21	-40.37	39.35	-59.07	-13.00	46.07	Vertical
6	13097.63	36.57	-38.42	38.83	-58.28	-13.00	45.28	Vertical

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7484.25	45.85	-46.17	36.76	-58.82	-13.00	45.82	Horizontal
2	3742.18	45.04	-48.37	29.04	-69.55	-13.00	56.55	Horizontal
3	5613.27	45.03	-47.67	32.72	-65.18	-13.00	52.18	Horizontal
4	9355.45	48.95	-42.97	37.92	-51.36	-13.00	38.36	Horizontal
5	11226.54	37.56	-40.37	39.35	-58.72	-13.00	45.72	Horizontal
6	13097.63	35.45	-38.42	38.83	-59.40	-13.00	46.40	Horizontal



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Wireless Laboratory

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Test Band = LTE Band 2_20MHz_ TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9455.25	50.93	-42.67	38.01	-48.99	-13.00	35.99	Vertical
2	3782.18	45.63	-48.24	29.10	-68.77	-13.00	55.77	Vertical
3	5673.27	45.81	-47.55	32.73	-64.26	-13.00	51.26	Vertical
4	7564.36	46.35	-45.14	36.72	-57.33	-13.00	44.33	Vertical
5	11346.54	36.70	-40.28	39.33	-59.51	-13.00	46.51	Vertical
6	13237.63	35.86	-38.85	39.15	-59.10	-13.00	46.10	Vertical

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9455.25	49.19	-42.67	38.01	-50.73	-13.00	37.73	Horizontal
2	3782.18	44.76	-48.24	29.10	-69.64	-13.00	56.64	Horizontal
3	5673.27	44.16	-47.55	32.73	-65.91	-13.00	52.91	Horizontal
4	7564.36	46.29	-45.14	36.72	-57.39	-13.00	44.39	Horizontal
5	11346.54	37.86	-40.28	39.33	-58.35	-13.00	45.35	Horizontal
6	13237.63	36.74	-38.85	39.15	-58.22	-13.00	45.22	Horizontal



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Test Band = LTE UL CA 2A-4A_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	43.91	-48.50	28.98	-70.87	-13.00	57.87	Horizontal
2	5553.27	43.73	-47.66	32.71	-66.48	-13.00	53.48	Horizontal
3	7404.36	43.07	-46.17	36.57	-61.79	-13.00	48.79	Horizontal
4	9255.45	39.90	-43.17	37.83	-60.70	-13.00	47.70	Horizontal
5	11106.54	37.82	-40.36	39.38	-58.42	-13.00	45.42	Horizontal
6	12957.63	36.81	-39.41	38.63	-59.23	-13.00	46.23	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	44.15	-48.50	28.98	-70.63	-13.00	57.63	Vertical
2	5553.27	43.90	-47.66	32.71	-66.31	-13.00	53.31	Vertical
3	7404.36	43.04	-46.17	36.57	-61.82	-13.00	48.82	Vertical
4	9255.45	40.33	-43.17	37.83	-60.27	-13.00	47.27	Vertical
5	11106.54	37.51	-40.36	39.38	-58.73	-13.00	45.73	Vertical
6	12957.63	36.66	-39.41	38.63	-59.38	-13.00	46.38	Vertical

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Test Band = LTE UL CA 2A-4A_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.39	-48.37	29.04	-70.20	-13.00	57.20	Horizontal
2	5613.27	43.31	-47.67	32.72	-66.90	-13.00	53.90	Horizontal
3	7484.36	41.80	-46.17	36.76	-62.87	-13.00	49.87	Horizontal
4	9355.45	40.75	-42.97	37.92	-59.56	-13.00	46.56	Horizontal
5	11226.54	37.44	-40.37	39.35	-58.84	-13.00	45.84	Horizontal
6	13097.63	36.64	-38.42	38.83	-58.21	-13.00	45.21	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.66	-48.37	29.04	-69.93	-13.00	56.93	Vertical
2	5613.27	43.98	-47.67	32.72	-66.23	-13.00	53.23	Vertical
3	7484.36	41.78	-46.17	36.76	-62.89	-13.00	49.89	Vertical
4	9355.45	40.74	-42.97	37.92	-59.57	-13.00	46.57	Vertical
5	11226.54	37.38	-40.37	39.35	-58.90	-13.00	45.90	Vertical
6	13097.63	36.45	-38.42	38.83	-58.40	-13.00	45.40	Vertical

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Test Band = LTE UL CA 2A-4A_ TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	44.36	-48.24	29.10	-70.04	-13.00	57.04	Horizontal
2	5673.27	43.31	-47.55	32.73	-66.76	-13.00	53.76	Horizontal
3	7564.36	41.29	-45.14	36.72	-62.39	-13.00	49.39	Horizontal
4	9455.45	39.84	-42.67	38.01	-60.08	-13.00	47.08	Horizontal
5	11346.54	37.77	-40.28	39.33	-58.44	-13.00	45.44	Horizontal
6	13237.63	36.90	-38.85	39.15	-58.06	-13.00	45.06	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	44.58	-48.24	29.10	-69.82	-13.00	56.82	Vertical
2	5673.27	43.67	-47.55	32.73	-66.40	-13.00	53.40	Vertical
3	7564.36	40.89	-45.14	36.72	-62.79	-13.00	49.79	Vertical
4	9455.45	39.39	-42.67	38.01	-60.53	-13.00	47.53	Vertical
5	11346.54	37.68	-40.28	39.33	-58.53	-13.00	45.53	Vertical
6	13237.63	36.22	-38.85	39.15	-58.74	-13.00	45.74	Vertical

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Test Band = LTE UL CA 2A-5A_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	44.41	-48.50	28.98	-70.37	-13.00	57.37	Horizontal
2	5553.27	43.87	-47.66	32.71	-66.34	-13.00	53.34	Horizontal
3	7404.36	42.74	-46.17	36.57	-62.12	-13.00	49.12	Horizontal
4	9255.45	39.89	-43.17	37.83	-60.71	-13.00	47.71	Horizontal
5	11106.54	37.49	-40.36	39.38	-58.75	-13.00	45.75	Horizontal
6	12957.63	36.96	-39.41	38.63	-59.08	-13.00	46.08	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	44.45	-48.50	28.98	-70.33	-13.00	57.33	Vertical
2	5553.27	43.78	-47.66	32.71	-66.43	-13.00	53.43	Vertical
3	7404.36	43.03	-46.17	36.57	-61.83	-13.00	48.83	Vertical
4	9255.45	40.15	-43.17	37.83	-60.45	-13.00	47.45	Vertical
5	11106.54	37.41	-40.36	39.38	-58.83	-13.00	45.83	Vertical
6	12957.63	37.03	-39.41	38.63	-59.01	-13.00	46.01	Vertical

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Test Band = LTE UL CA 2A-5A_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.34	-48.37	29.04	-70.25	-13.00	57.25	Horizontal
2	5613.27	43.37	-47.67	32.72	-66.84	-13.00	53.84	Horizontal
3	7484.36	42.13	-46.17	36.76	-62.54	-13.00	49.54	Horizontal
4	9355.45	40.91	-42.97	37.92	-59.40	-13.00	46.40	Horizontal
5	11226.54	36.98	-40.37	39.35	-59.30	-13.00	46.30	Horizontal
6	13097.63	36.45	-38.42	38.83	-58.40	-13.00	45.40	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.36	-48.37	29.04	-70.23	-13.00	57.23	Vertical
2	5613.27	43.38	-47.67	32.72	-66.83	-13.00	53.83	Vertical
3	7484.36	41.74	-46.17	36.76	-62.93	-13.00	49.93	Vertical
4	9355.45	40.10	-42.97	37.92	-60.21	-13.00	47.21	Vertical
5	11226.54	37.25	-40.37	39.35	-59.03	-13.00	46.03	Vertical
6	13097.63	36.86	-38.42	38.83	-57.99	-13.00	44.99	Vertical



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Test Band = LTE UL CA 2A-5A_ TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	44.24	-48.24	29.10	-70.16	-13.00	57.16	Horizontal
2	5673.27	42.96	-47.55	32.73	-67.11	-13.00	54.11	Horizontal
3	7564.36	41.29	-45.14	36.72	-62.39	-13.00	49.39	Horizontal
4	9455.45	39.57	-42.67	38.01	-60.35	-13.00	47.35	Horizontal
5	11346.54	37.01	-40.28	39.33	-59.20	-13.00	46.20	Horizontal
6	13237.63	36.52	-38.85	39.15	-58.44	-13.00	45.44	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	44.29	-48.24	29.10	-70.11	-13.00	57.11	Vertical
2	5673.27	43.02	-47.55	32.73	-67.05	-13.00	54.05	Vertical
3	7564.36	41.26	-45.14	36.72	-62.42	-13.00	49.42	Vertical
4	9455.45	39.21	-42.67	38.01	-60.71	-13.00	47.71	Vertical
5	11346.54	37.62	-40.28	39.33	-58.59	-13.00	45.59	Vertical
6	13237.63	36.90	-38.85	39.15	-58.06	-13.00	45.06	Vertical

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Test Band = LTE UL CA 2A-12A_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	44.32	-48.50	28.98	-70.46	-13.00	57.46	Horizontal
2	5553.27	44.34	-47.66	32.71	-65.87	-13.00	52.87	Horizontal
3	7404.36	43.06	-46.17	36.57	-61.80	-13.00	48.80	Horizontal
4	9255.45	39.85	-43.17	37.83	-60.75	-13.00	47.75	Horizontal
5	11106.54	36.92	-40.36	39.38	-59.32	-13.00	46.32	Horizontal
6	12957.63	36.62	-39.41	38.63	-59.42	-13.00	46.42	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	44.30	-48.50	28.98	-70.48	-13.00	57.48	Vertical
2	5553.27	44.41	-47.66	32.71	-65.80	-13.00	52.80	Vertical
3	7404.36	42.51	-46.17	36.57	-62.35	-13.00	49.35	Vertical
4	9255.45	40.54	-43.17	37.83	-60.06	-13.00	47.06	Vertical
5	11106.54	37.50	-40.36	39.38	-58.74	-13.00	45.74	Vertical
6	12957.63	36.45	-39.41	38.63	-59.59	-13.00	46.59	Vertical

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Test Band = LTE UL CA 2A-12A_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.69	-48.37	29.04	-69.90	-13.00	56.90	Horizontal
2	5613.27	43.80	-47.67	32.72	-66.41	-13.00	53.41	Horizontal
3	7484.36	41.81	-46.17	36.76	-62.86	-13.00	49.86	Horizontal
4	9355.45	40.28	-42.97	37.92	-60.03	-13.00	47.03	Horizontal
5	11226.54	37.10	-40.37	39.35	-59.18	-13.00	46.18	Horizontal
6	13097.63	36.35	-38.42	38.83	-58.50	-13.00	45.50	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.51	-48.37	29.04	-70.08	-13.00	57.08	Vertical
2	5613.27	43.92	-47.67	32.72	-66.29	-13.00	53.29	Vertical
3	7484.36	41.97	-46.17	36.76	-62.70	-13.00	49.70	Vertical
4	9355.45	40.12	-42.97	37.92	-60.19	-13.00	47.19	Vertical
5	11226.54	37.45	-40.37	39.35	-58.83	-13.00	45.83	Vertical
6	13097.63	36.89	-38.42	38.83	-57.96	-13.00	44.96	Vertical



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Test Band = LTE UL CA 2A-12A_ TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	43.74	-48.24	29.10	-70.66	-13.00	57.66	Horizontal
2	5673.27	43.01	-47.55	32.73	-67.06	-13.00	54.06	Horizontal
3	7564.36	40.61	-45.14	36.72	-63.07	-13.00	50.07	Horizontal
4	9455.45	39.55	-42.67	38.01	-60.37	-13.00	47.37	Horizontal
5	11346.54	37.52	-40.28	39.33	-58.69	-13.00	45.69	Horizontal
6	13237.63	36.73	-38.85	39.15	-58.23	-13.00	45.23	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	43.76	-48.24	29.10	-70.64	-13.00	57.64	Vertical
2	5673.27	42.90	-47.55	32.73	-67.17	-13.00	54.17	Vertical
3	7564.36	41.31	-45.14	36.72	-62.37	-13.00	49.37	Vertical
4	9455.45	39.59	-42.67	38.01	-60.33	-13.00	47.33	Vertical
5	11346.54	38.33	-40.28	39.33	-57.88	-13.00	44.88	Vertical
6	13237.63	36.70	-38.85	39.15	-58.26	-13.00	45.26	Vertical

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Test Band = LTE UL CA 2A-14A_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	43.95	-48.50	28.98	-70.83	-13.00	57.83	Horizontal
2	5553.27	43.92	-47.66	32.71	-66.29	-13.00	53.29	Horizontal
3	7404.36	42.74	-46.17	36.57	-62.12	-13.00	49.12	Horizontal
4	9255.45	39.70	-43.17	37.83	-60.90	-13.00	47.90	Horizontal
5	11106.54	37.77	-40.36	39.38	-58.47	-13.00	45.47	Horizontal
6	12957.63	37.08	-39.41	38.63	-58.96	-13.00	45.96	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	44.18	-48.50	28.98	-70.60	-13.00	57.60	Vertical
2	5553.27	44.36	-47.66	32.71	-65.85	-13.00	52.85	Vertical
3	7404.36	42.87	-46.17	36.57	-61.99	-13.00	48.99	Vertical
4	9255.45	40.10	-43.17	37.83	-60.50	-13.00	47.50	Vertical
5	11106.54	37.28	-40.36	39.38	-58.96	-13.00	45.96	Vertical
6	12957.63	37.62	-39.41	38.63	-58.42	-13.00	45.42	Vertical

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Test Band = LTE UL CA 2A-14A_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.48	-48.37	29.04	-70.11	-13.00	57.11	Horizontal
2	5613.27	43.40	-47.67	32.72	-66.81	-13.00	53.81	Horizontal
3	7484.36	42.63	-46.17	36.76	-62.04	-13.00	49.04	Horizontal
4	9355.45	40.10	-42.97	37.92	-60.21	-13.00	47.21	Horizontal
5	11226.54	37.23	-40.37	39.35	-59.05	-13.00	46.05	Horizontal
6	13097.63	36.91	-38.42	38.83	-57.94	-13.00	44.94	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.23	-48.37	29.04	-70.36	-13.00	57.36	Vertical
2	5613.27	44.15	-47.67	32.72	-66.06	-13.00	53.06	Vertical
3	7484.36	41.94	-46.17	36.76	-62.73	-13.00	49.73	Vertical
4	9355.45	40.42	-42.97	37.92	-59.89	-13.00	46.89	Vertical
5	11226.54	37.72	-40.37	39.35	-58.56	-13.00	45.56	Vertical
6	13097.63	37.16	-38.42	38.83	-57.69	-13.00	44.69	Vertical

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Test Band = LTE UL CA 2A-14A_ TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	44.05	-48.24	29.10	-70.35	-13.00	57.35	Horizontal
2	5673.27	43.34	-47.55	32.73	-66.73	-13.00	53.73	Horizontal
3	7564.36	41.32	-45.14	36.72	-62.36	-13.00	49.36	Horizontal
4	9455.45	39.93	-42.67	38.01	-59.99	-13.00	46.99	Horizontal
5	11346.54	37.52	-40.28	39.33	-58.69	-13.00	45.69	Horizontal
6	13237.63	36.32	-38.85	39.15	-58.64	-13.00	45.64	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	44.57	-48.24	29.10	-69.83	-13.00	56.83	Vertical
2	5673.27	43.29	-47.55	32.73	-66.78	-13.00	53.78	Vertical
3	7564.36	41.54	-45.14	36.72	-62.14	-13.00	49.14	Vertical
4	9455.45	39.83	-42.67	38.01	-60.09	-13.00	47.09	Vertical
5	11346.54	37.82	-40.28	39.33	-58.39	-13.00	45.39	Vertical
6	13237.63	36.83	-38.85	39.15	-58.13	-13.00	45.13	Vertical



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Wireless Laboratory

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1.1.

Test Band = LTE UL CA 2A-66A_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	44.98	-48.50	28.98	-69.80	-13.00	56.80	Horizontal
2	5553.27	44.02	-47.66	32.71	-66.19	-13.00	53.19	Horizontal
3	7404.36	43.16	-46.17	36.57	-61.70	-13.00	48.70	Horizontal
4	9255.45	39.98	-43.17	37.83	-60.62	-13.00	47.62	Horizontal
5	11106.54	37.40	-40.36	39.38	-58.84	-13.00	45.84	Horizontal
6	12957.63	36.39	-39.41	38.63	-59.65	-13.00	46.65	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	44.26	-48.50	28.98	-70.52	-13.00	57.52	Vertical
2	5553.27	43.51	-47.66	32.71	-66.70	-13.00	53.70	Vertical
3	7404.36	42.77	-46.17	36.57	-62.09	-13.00	49.09	Vertical
4	9255.45	39.86	-43.17	37.83	-60.74	-13.00	47.74	Vertical
5	11106.54	37.06	-40.36	39.38	-59.18	-13.00	46.18	Vertical
6	12957.63	36.54	-39.41	38.63	-59.50	-13.00	46.50	Vertical

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Test Band = LTE UL CA 2A-66A_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.42	-48.37	29.04	-70.17	-13.00	57.17	Horizontal
2	5613.27	43.62	-47.67	32.72	-66.59	-13.00	53.59	Horizontal
3	7484.36	41.63	-46.17	36.76	-63.04	-13.00	50.04	Horizontal
4	9355.45	40.34	-42.97	37.92	-59.97	-13.00	46.97	Horizontal
5	11226.54	37.05	-40.37	39.35	-59.23	-13.00	46.23	Horizontal
6	13097.63	36.76	-38.42	38.83	-58.09	-13.00	45.09	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	43.82	-48.37	29.04	-70.77	-13.00	57.77	Vertical
2	5613.27	43.37	-47.67	32.72	-66.84	-13.00	53.84	Vertical
3	7484.36	41.81	-46.17	36.76	-62.86	-13.00	49.86	Vertical
4	9355.45	40.00	-42.97	37.92	-60.31	-13.00	47.31	Vertical
5	11226.54	37.35	-40.37	39.35	-58.93	-13.00	45.93	Vertical
6	13097.63	36.51	-38.42	38.83	-58.34	-13.00	45.34	Vertical



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Test Band = LTE UL CA 2A-66A_ TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	43.95	-48.24	29.10	-70.45	-13.00	57.45	Horizontal
2	5673.27	42.78	-47.55	32.73	-67.29	-13.00	54.29	Horizontal
3	7564.36	41.33	-45.14	36.72	-62.35	-13.00	49.35	Horizontal
4	9455.45	39.44	-42.67	38.01	-60.48	-13.00	47.48	Horizontal
5	11346.54	37.24	-40.28	39.33	-58.97	-13.00	45.97	Horizontal
6	13237.63	36.51	-38.85	39.15	-58.45	-13.00	45.45	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	43.83	-48.24	29.10	-70.57	-13.00	57.57	Vertical
2	5673.27	42.98	-47.55	32.73	-67.09	-13.00	54.09	Vertical
3	7564.36	41.49	-45.14	36.72	-62.19	-13.00	49.19	Vertical
4	9455.45	39.31	-42.67	38.01	-60.61	-13.00	47.61	Vertical
5	11346.54	37.11	-40.28	39.33	-59.10	-13.00	46.10	Vertical
6	13237.63	36.06	-38.85	39.15	-58.90	-13.00	45.90	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	5.40	0.002872	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	5.70	0.003032	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	7.90	0.004202	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	15.90	0.008457	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	7.30	0.003883	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	7.80	0.004149	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	9.40	0.005000	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	5.00	0.002660	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	3.90	0.002074	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-4.10	-0.002181	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	6.90	0.003670	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	8.40	0.004468	PASS

---End of Attachment---

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