

Report No.: SEWM2305000160RG01

Rev.: 01

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Appendix B.3

LTE Band 2



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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Effective (Isotropic) Radiated Power Output Data

Test Result

Ant4:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	21.92	22.12	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	21.93	22.13	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	21.91	22.11	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	20.96	21.16	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	21.83	22.03	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	21.86	22.06	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	21.84	22.04	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	20.94	21.14	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	21.73	21.93	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	21.74	21.94	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.74	21.94	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	20.86	21.06	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.37	21.57	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.34	21.54	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.13	21.33	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.04	20.24	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.20	21.40	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.19	21.39	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.04	21.24	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	19.89	20.09	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.05	21.25	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.29	21.49	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.19	21.39	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	19.87	20.07	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	20.11	20.31	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	20.21	20.41	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	20.13	20.33	33.00	PASS



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Band2	1.4MHz	64QAM	18607	6RB#0	19.06	19.26	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	20.10	20.30	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	20.04	20.24	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	20.04	20.24	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	18.96	19.16	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	19.98	20.18	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	20.01	20.21	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	20.04	20.24	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	18.87	19.07	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	21.85	22.05	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	21.92	22.12	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	21.81	22.01	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.08	21.28	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	21.81	22.01	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.01	22.21	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	21.75	21.95	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	20.89	21.09	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	21.66	21.86	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	21.71	21.91	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	21.80	22.00	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	20.88	21.08	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.17	21.37	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.42	21.62	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.31	21.51	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.05	20.25	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.00	21.20	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.30	21.50	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.19	21.39	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	19.89	20.09	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.24	21.44	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.23	21.43	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.10	21.30	33.00	PASS



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Band2	3MHz	16QAM	19185	15RB#0	19.96	20.16	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	20.09	20.29	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	20.33	20.53	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	20.12	20.32	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	19.11	19.31	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	19.97	20.17	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	20.13	20.33	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	20.07	20.27	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	18.90	19.10	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	19.94	20.14	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	20.11	20.31	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	19.93	20.13	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	18.94	19.14	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.91	22.11	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	21.89	22.09	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	21.86	22.06	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.00	21.20	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	21.75	21.95	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	21.84	22.04	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	21.78	21.98	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	20.84	21.04	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	21.73	21.93	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	21.81	22.01	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	21.78	21.98	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	20.88	21.08	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.31	21.51	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.45	21.65	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.21	21.41	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.05	20.25	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.23	21.43	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.24	21.44	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.34	21.54	33.00	PASS



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Band2	5MHz	16QAM	18900	25RB#0	19.90	20.10	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.13	21.33	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.16	21.36	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.25	21.45	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	19.87	20.07	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	20.19	20.39	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	20.29	20.49	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	20.17	20.37	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	19.07	19.27	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	19.91	20.11	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	20.08	20.28	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	20.08	20.28	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	18.87	19.07	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	20.01	20.21	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	20.13	20.33	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	20.08	20.28	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	18.92	19.12	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.01	22.21	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	21.93	22.13	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	21.89	22.09	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	20.96	21.16	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	21.80	22.00	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	21.85	22.05	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	21.81	22.01	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	20.85	21.05	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	21.77	21.97	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	21.78	21.98	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.82	22.02	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	20.98	21.18	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.11	21.31	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.23	21.43	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.15	21.35	33.00	PASS



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Band2	10MHz	16QAM	18650	50RB#0	20.02	20.22	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.18	21.38	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.10	21.30	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.34	21.54	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	19.92	20.12	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.01	21.21	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.03	21.23	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.00	21.20	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	19.95	20.15	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	19.94	20.14	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	20.43	20.63	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	20.07	20.27	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	19.01	19.21	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	20.03	20.23	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	20.13	20.33	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	20.09	20.29	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	18.94	19.14	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	19.97	20.17	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	20.15	20.35	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	20.30	20.50	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	18.91	19.11	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	21.76	21.96	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	21.76	21.96	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	21.80	22.00	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	20.83	21.03	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	21.65	21.85	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	21.73	21.93	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	21.64	21.84	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	20.77	20.97	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	21.57	21.77	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	21.59	21.79	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.53	21.73	33.00	PASS



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Band2	15MHz	QPSK	19125	75RB#0	20.79	20.99	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.05	21.25	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.09	21.29	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	20.94	21.14	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	19.85	20.05	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	20.85	21.05	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	20.98	21.18	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	20.87	21.07	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	19.71	19.91	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	20.73	20.93	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.03	21.23	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.03	21.23	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	19.83	20.03	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	19.86	20.06	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	20.05	20.25	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	19.97	20.17	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	18.78	18.98	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	19.86	20.06	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	19.94	20.14	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	19.85	20.05	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	18.77	18.97	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	19.81	20.01	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	19.94	20.14	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	20.05	20.25	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	18.83	19.03	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.65	21.85	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	21.73	21.93	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	21.67	21.87	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	20.88	21.08	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	21.55	21.75	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	21.68	21.88	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	21.64	21.84	33.00	PASS



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Band2	20MHz	QPSK	18900	100RB#0	20.82	21.02	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	21.47	21.67	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	21.68	21.88	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.64	21.84	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	20.89	21.09	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.13	21.33	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	20.89	21.09	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.00	21.20	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	19.92	20.12	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	20.93	21.13	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.09	21.29	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	20.94	21.14	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	19.78	19.98	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	20.91	21.11	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.03	21.23	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	20.96	21.16	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	19.93	20.13	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	20.06	20.26	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	20.03	20.23	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	19.94	20.14	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	18.86	19.06	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	20.05	20.25	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	19.90	20.10	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	19.88	20.08	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	18.78	18.98	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	19.70	19.90	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	19.99	20.19	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	20.00	20.20	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	18.84	19.04	33.00	PASS



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Ant0:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	24.06	22.36	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	24.04	22.34	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	24.07	22.37	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	23.21	21.51	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.46	21.76	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.46	21.76	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.44	21.74	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.57	20.87	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.72	21.02	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.80	21.10	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.82	21.12	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.91	20.21	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	23.45	21.75	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.50	21.80	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	23.62	21.92	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	22.21	20.51	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.75	21.05	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.80	21.10	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.74	21.04	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.52	19.82	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.15	20.45	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.30	20.60	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.18	20.48	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.92	19.22	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	22.36	20.66	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	22.33	20.63	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	22.27	20.57	33.00	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	21.15	19.45	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.56	19.86	33.00	PASS



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Band2	1.4MHz	64QAM	18900	1RB#2	21.83	20.13	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.55	19.85	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.55	18.85	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	20.99	19.29	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	20.99	19.29	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	20.93	19.23	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	19.89	18.19	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.99	22.29	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	24.14	22.44	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	24.09	22.39	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	23.23	21.53	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.36	21.66	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.37	21.67	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.39	21.69	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.46	20.76	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.75	21.05	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.97	21.27	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.75	21.05	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.98	20.28	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.54	21.84	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.46	21.76	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	23.65	21.95	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	22.33	20.63	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.89	21.19	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.86	21.16	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.65	20.95	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.47	19.77	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.19	20.49	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.31	20.61	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.97	20.27	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.04	19.34	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	22.29	20.59	33.00	PASS



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Band2	3MHz	64QAM	18615	1RB#8	22.32	20.62	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	22.28	20.58	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	21.17	19.47	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.63	19.93	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	21.86	20.16	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.55	19.85	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.38	18.68	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.10	19.40	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.25	19.55	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	20.92	19.22	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	19.87	18.17	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	24.04	22.34	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	24.07	22.37	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	24.19	22.49	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	23.32	21.62	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.53	21.83	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.43	21.73	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.21	21.51	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.40	20.70	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.73	21.03	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.71	21.01	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.76	21.06	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.87	20.17	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	23.36	21.66	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	23.42	21.72	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	23.65	21.95	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.31	20.61	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.91	21.21	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.85	21.15	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.55	20.85	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.52	19.82	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.34	20.64	33.00	PASS



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Band2	5MHz	16QAM	19175	1RB#12	22.16	20.46	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.33	20.63	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.90	19.20	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	22.43	20.73	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	22.41	20.71	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	22.33	20.63	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	21.29	19.59	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.78	20.08	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.86	20.16	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.36	19.66	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.49	18.79	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	20.86	19.16	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.09	19.39	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.23	19.53	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	19.89	18.19	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	24.00	22.30	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	24.18	22.48	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	24.09	22.39	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	23.20	21.50	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.62	21.92	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.54	21.84	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.09	21.39	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.41	20.71	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.67	20.97	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.67	20.97	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.75	21.05	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.79	20.09	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.15	21.45	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.59	21.89	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.42	21.72	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	22.30	20.60	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.04	21.34	33.00	PASS



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Band2	10MHz	16QAM	18900	1RB#24	22.73	21.03	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.51	20.81	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.40	19.70	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.87	20.17	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.01	20.31	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.10	20.40	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.77	19.07	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	22.26	20.56	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	22.53	20.83	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	22.55	20.85	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	21.34	19.64	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.89	20.19	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.66	19.96	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.47	19.77	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.42	18.72	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.04	19.34	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	20.94	19.24	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.25	19.55	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	19.91	18.21	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.87	22.17	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	24.02	22.32	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	24.08	22.38	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	23.07	21.37	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.49	21.79	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.21	21.51	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.93	21.23	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.36	20.66	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.52	20.82	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.55	20.85	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.53	20.83	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.67	19.97	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.16	21.46	33.00	PASS



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Band2	15MHz	16QAM	18675	1RB#38	23.53	21.83	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.33	21.63	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.96	20.26	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.95	21.25	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.59	20.89	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.23	20.53	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.32	19.62	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.76	20.06	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.87	20.17	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.08	20.38	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.85	19.15	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.87	20.17	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	22.40	20.70	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	22.29	20.59	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	21.21	19.51	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.86	20.16	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.70	20.00	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.06	19.36	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.34	18.64	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	20.91	19.21	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	20.88	19.18	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	20.83	19.13	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	19.65	17.95	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.88	22.18	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	24.00	22.30	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.77	22.07	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	23.20	21.50	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.66	21.96	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.20	21.50	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.83	21.13	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.27	20.57	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.67	20.97	33.00	PASS



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Band2	20MHz	QPSK	19100	1RB#49	22.41	20.71	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.53	20.83	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.73	20.03	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.27	21.57	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.53	21.83	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.40	21.70	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	22.07	20.37	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.04	21.34	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.56	20.86	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.10	20.40	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.34	19.64	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.83	20.13	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.73	20.03	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.96	20.26	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.69	18.99	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.92	20.22	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	22.30	20.60	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	22.15	20.45	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	21.10	19.40	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	22.04	20.34	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.46	19.76	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.25	19.55	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.29	18.59	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.02	19.32	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	20.95	19.25	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	20.93	19.23	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	19.80	18.10	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	5.30	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.26	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.42	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.14	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.08	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.14	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.50	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.38	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.50	13	PASS



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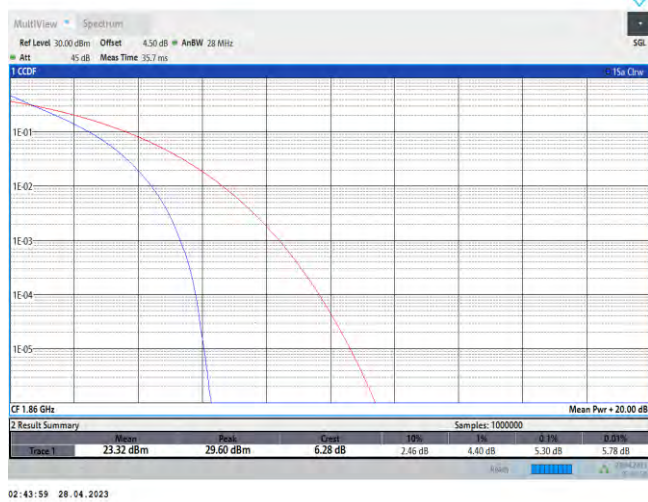
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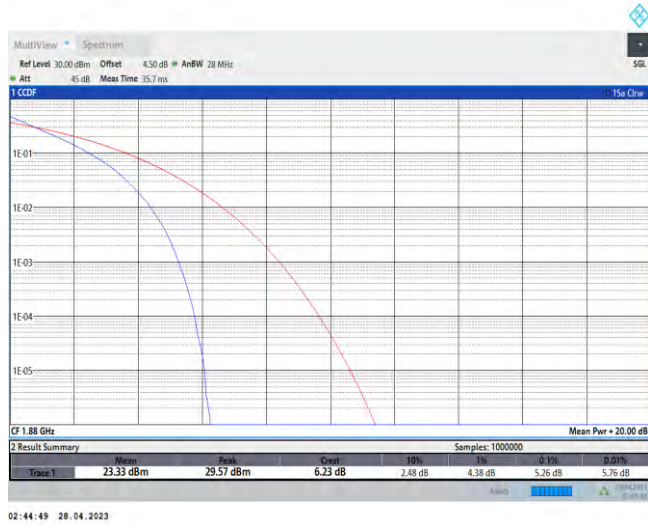
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Test Graphs

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



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



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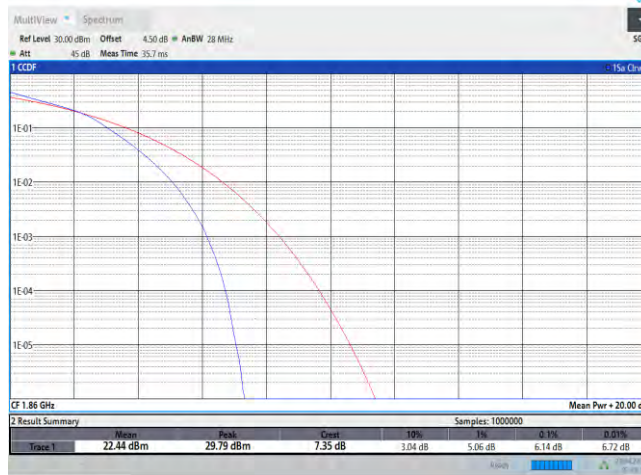
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Band2-20MHz-QPSK-19100-100RB#0



02:45:39 20.04.2023

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



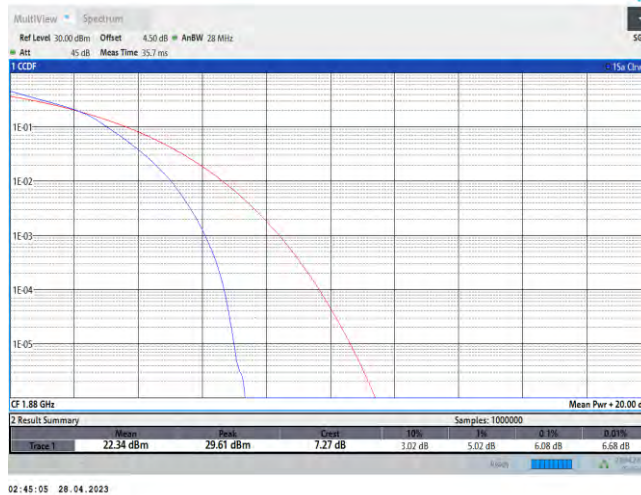
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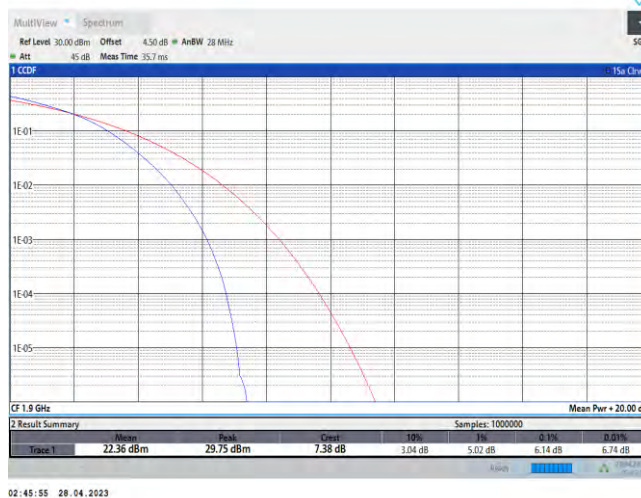
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Band2-20MHz-16QAM-18900-100RB#0



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

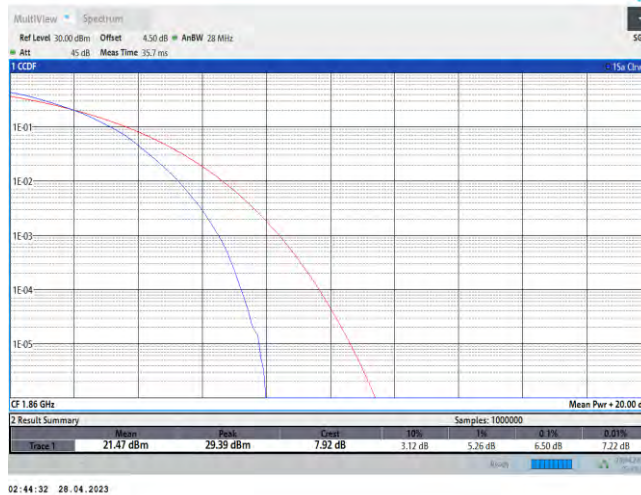


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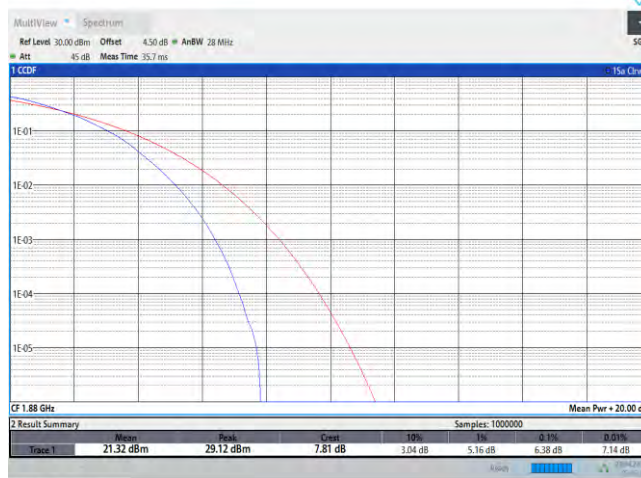
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Band2-20MHz-64QAM-18700-100RB#0



02:44:32 20.04.2023

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



02:45:22 20.04.2023



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



02:46:12 28.04.2023



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Modulation Characteristics

Test Result

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



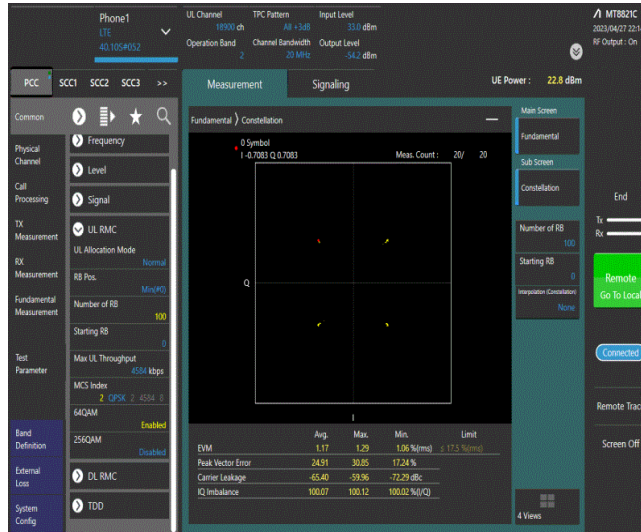
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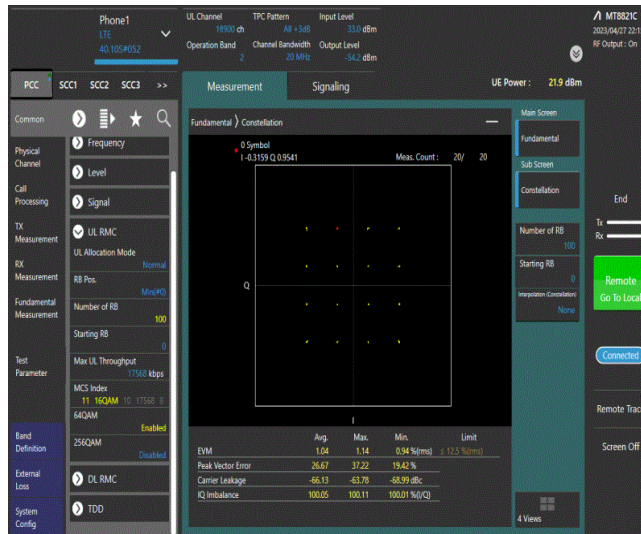
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Test Graphs

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



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

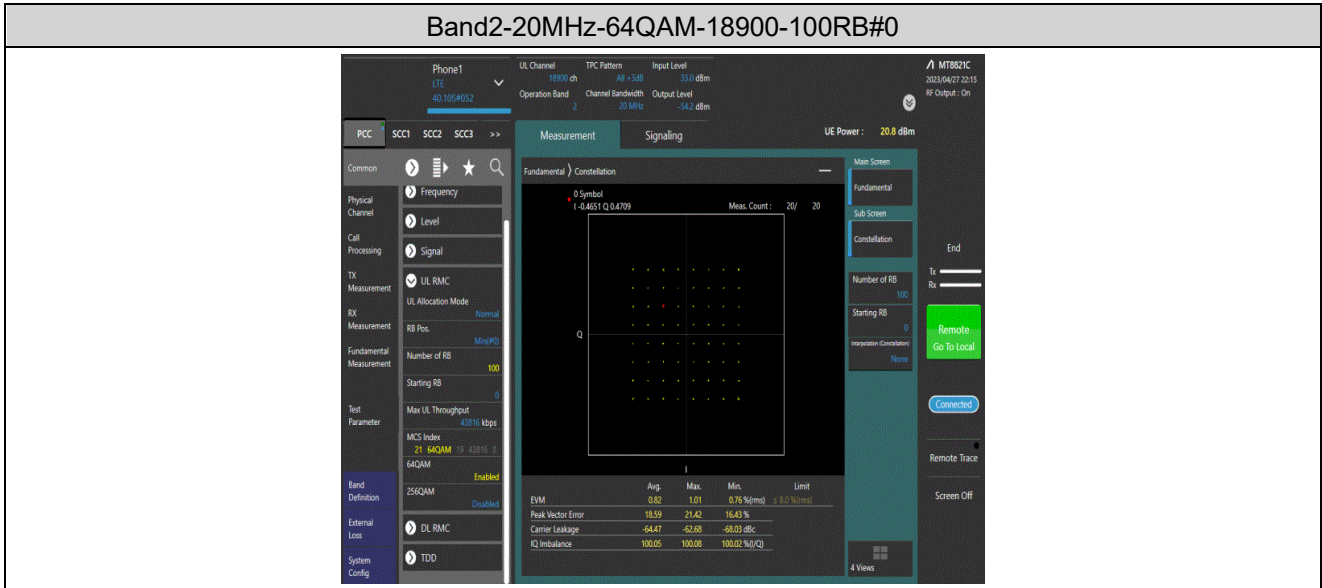


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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.090	1.31	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.094	1.34	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.100	1.32	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.099	1.35	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.095	1.35	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.097	1.35	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.095	1.33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.098	1.34	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.106	1.37	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.700	3.05	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.705	2.92	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.699	2.97	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.692	2.98	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.695	3.04	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.695	2.99	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.705	3.05	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.708	3.01	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.696	3.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.481	5.01	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.468	4.90	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.471	4.94	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.483	5.05	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.474	4.99	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.489	4.98	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.479	4.98	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.465	4.90	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.475	4.95	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.935	9.72	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.941	9.76	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.949	9.64	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.950	9.78	PASS



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Band2	10MHz	16QAM	18900	50RB#0	8.957	9.76	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.929	9.86	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.954	9.74	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.940	9.70	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.951	9.74	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.463	14.82	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.443	14.85	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.412	14.82	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.475	14.94	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.451	14.73	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.427	14.64	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.489	14.52	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.456	14.79	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.418	14.64	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.890	19.32	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.904	19.64	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.910	19.60	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.907	19.64	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.909	19.36	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.931	19.44	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.916	19.40	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.901	19.64	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.937	19.12	PASS



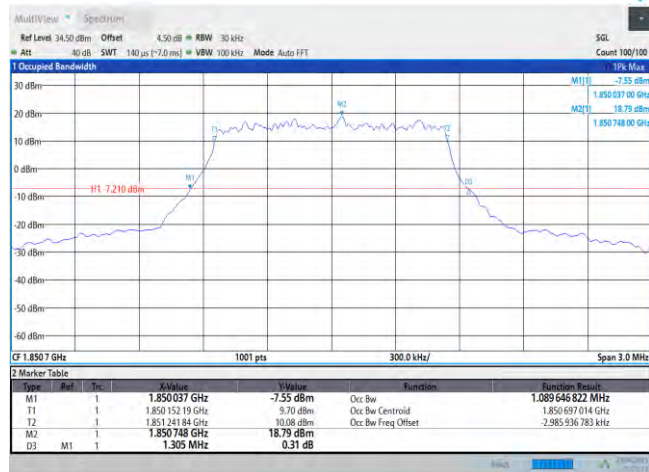
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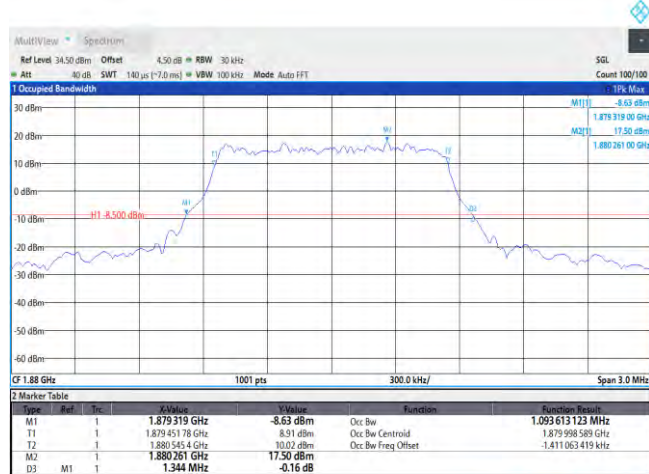
Test Graphs

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



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



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



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



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Band2-1.4MHz-16QAM-18900-6RB#0



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



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



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



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



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



01:25:19 28.04.2023

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



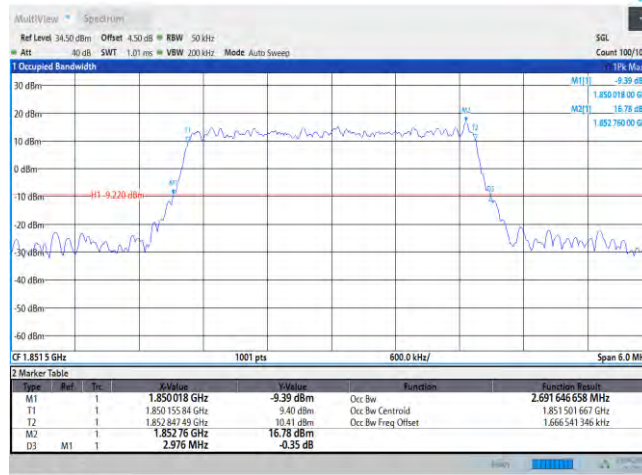
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Band2-3MHz-16QAM-18615-15RB#0



01:24:52 28.04.2023

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



01:25:32 28.04.2023



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



01:26:12 28.04.2023

Band2-3MHz-64QAM-18615-15RB#0



01:25:05 28.04.2023



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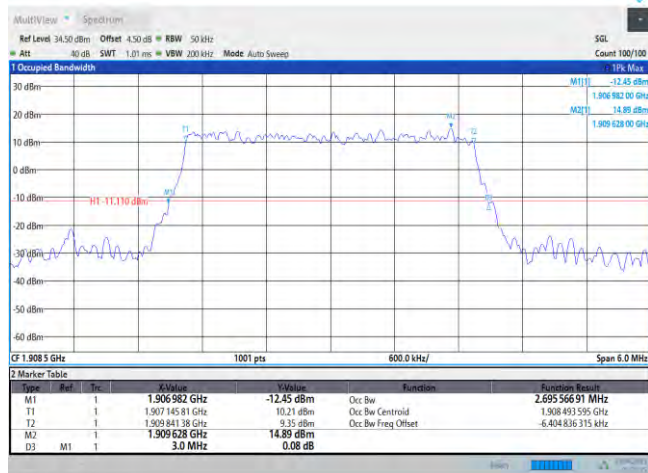
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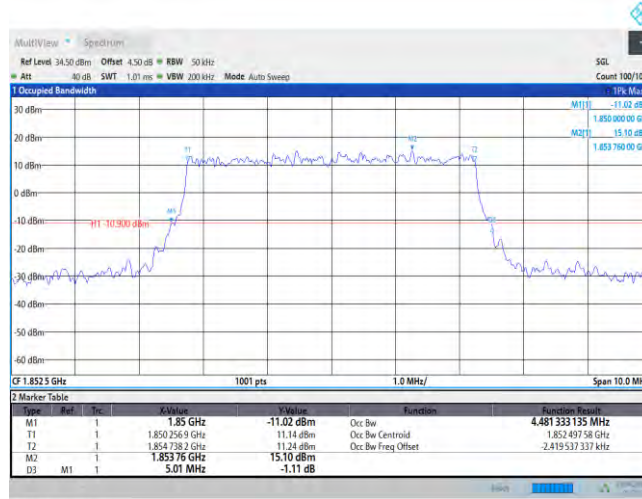
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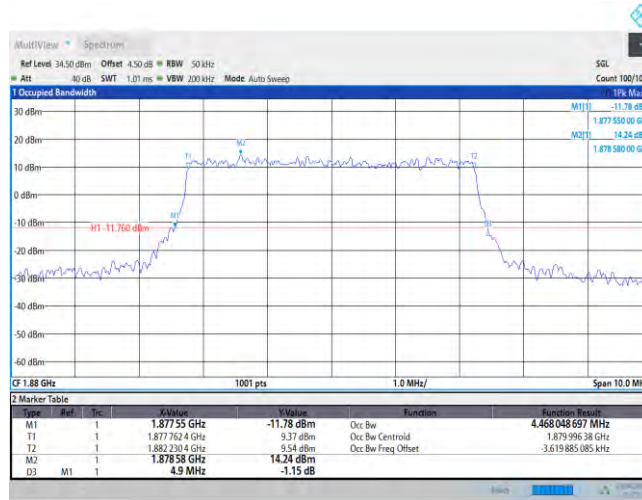
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Band2-5MHz-QPSK-18625-25RB#0



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



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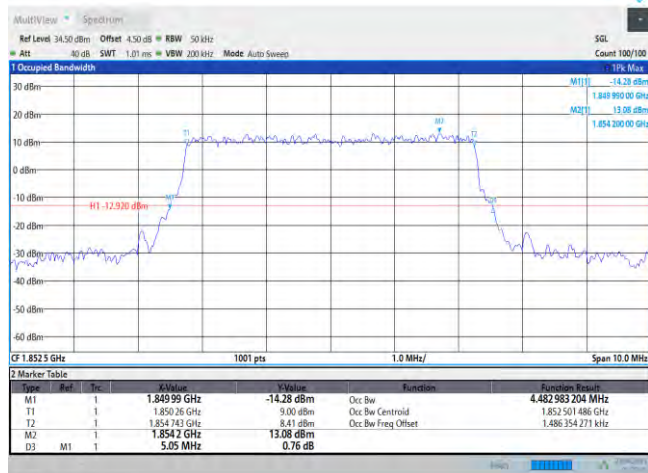
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Band2-5MHz-QPSK-19175-25RB#0



01:28:14 28. 04. 2023

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



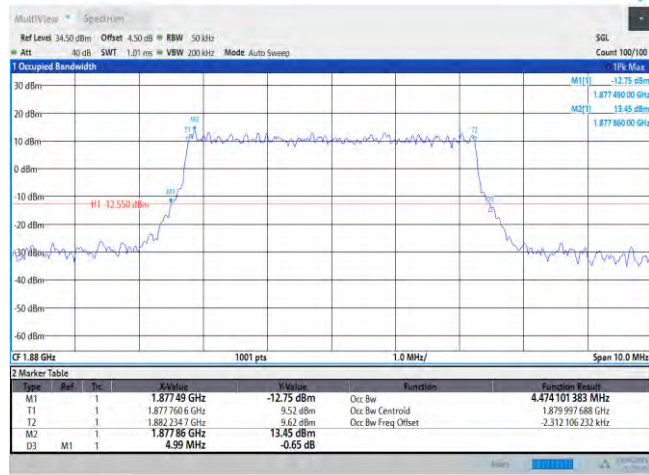
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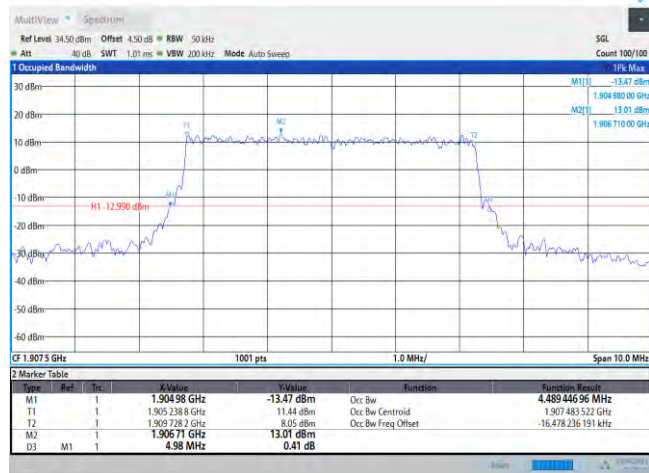
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Band2-5MHz-16QAM-18900-25RB#0



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



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



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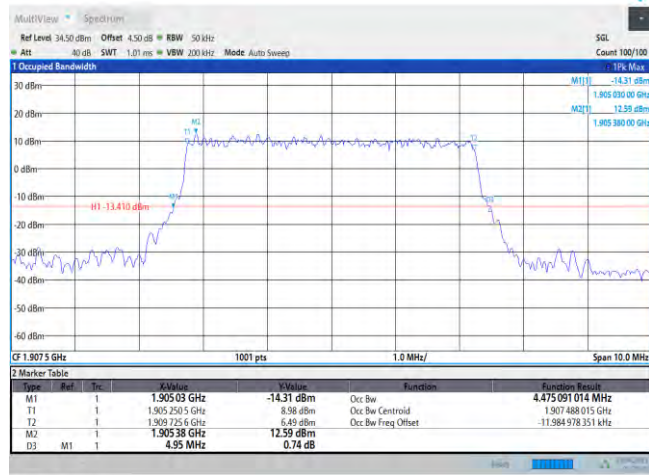
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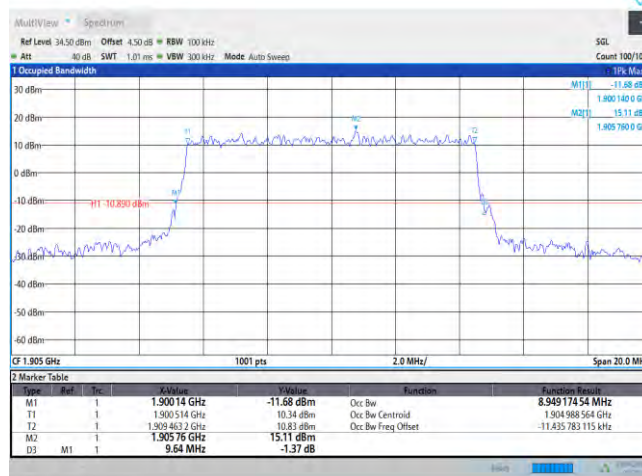
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Band2-10MHz-QPSK-18900-50RB#0



01:29:47 28.04.2023

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



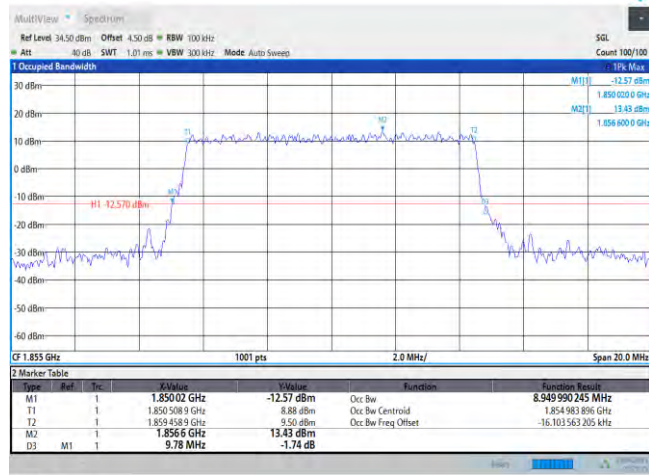
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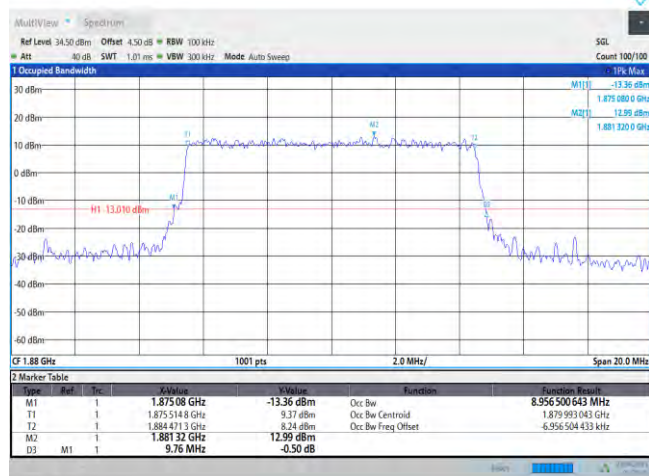
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Band2-10MHz-16QAM-18650-50RB#0



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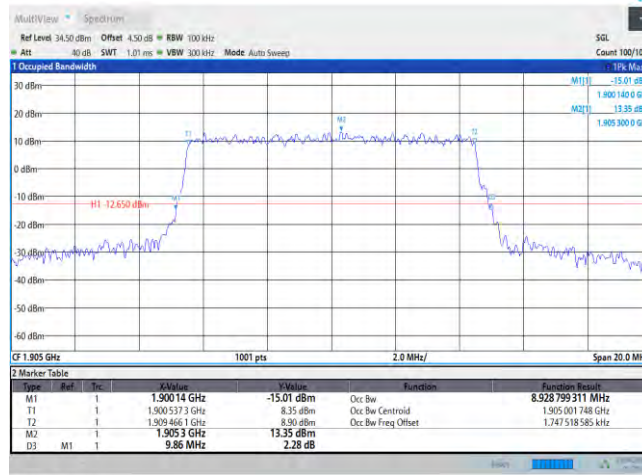
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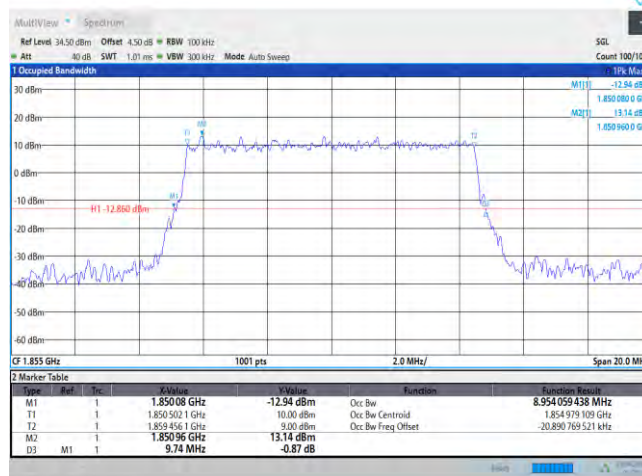
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Band2-10MHz-16QAM-19150-50RB#0



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Band2-10MHz-64QAM-18650-50RB#0



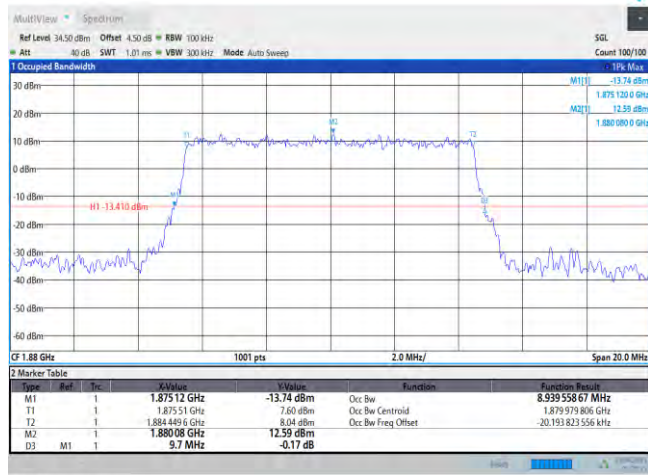
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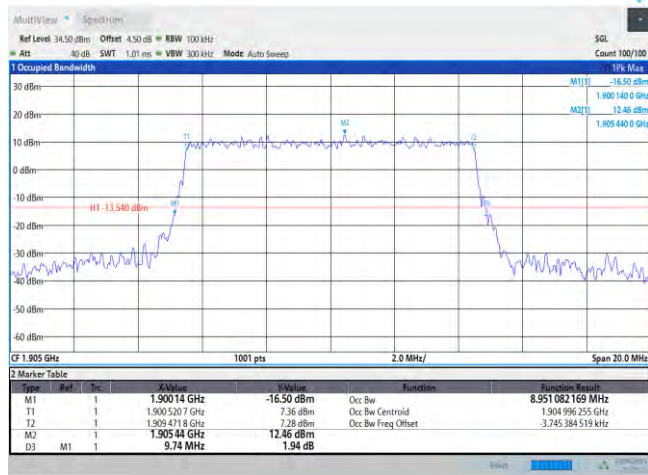
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01:30:14 28.04.2023

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



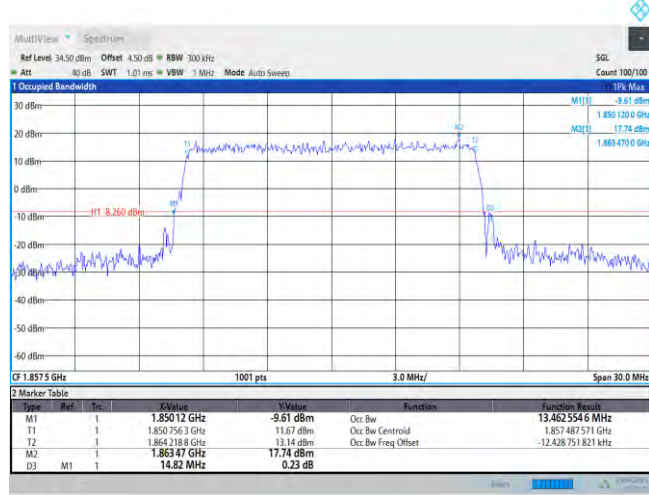
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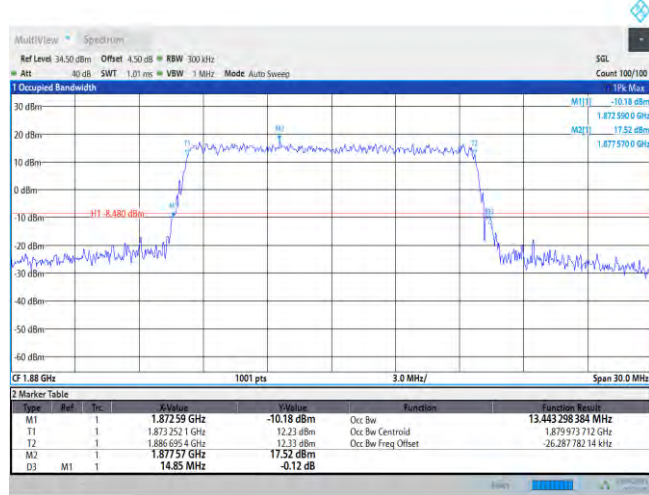
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Band2-15MHz-QPSK-18675-75RB#0



01:31:20 28.04.2023

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



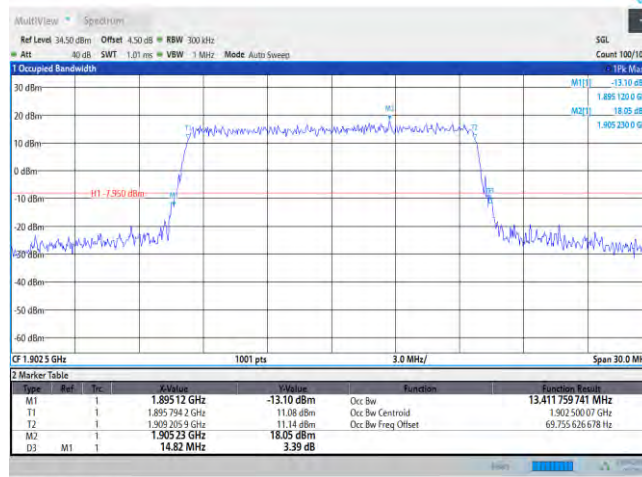
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Band2-15MHz-QPSK-19125-75RB#0



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



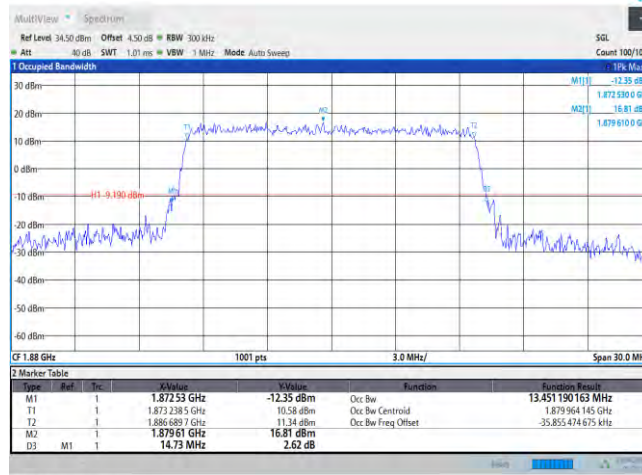
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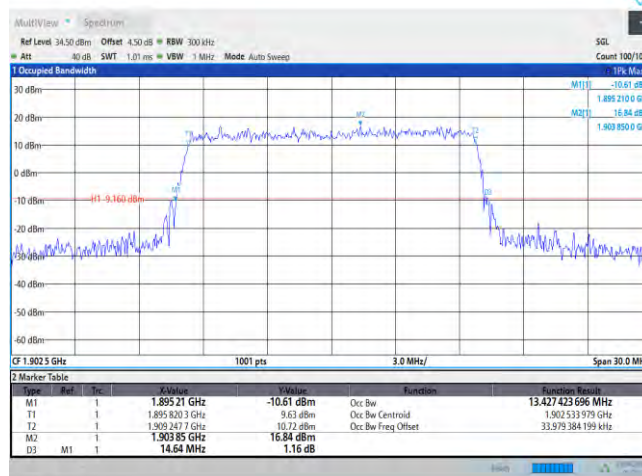
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Band2-15MHz-16QAM-18900-75RB#0



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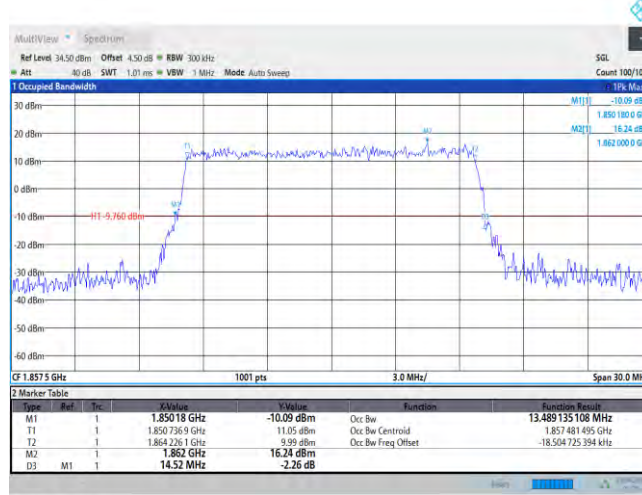
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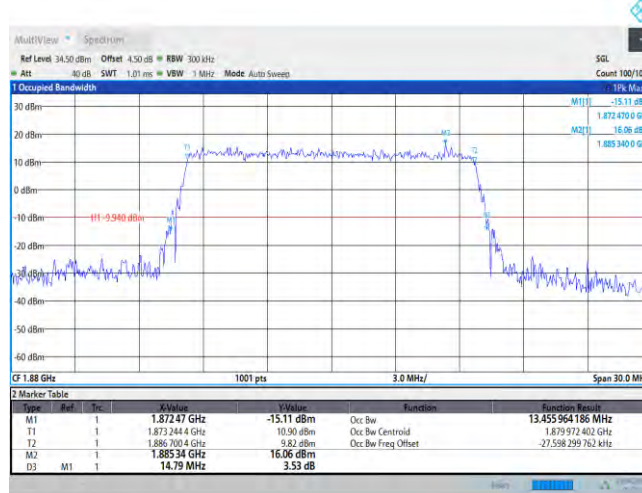
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Band2-15MHz-64QAM-18675-75RB#0



01:31:47 28.04.2023

Band2-15MHz-64QAM-18900-75RB#0



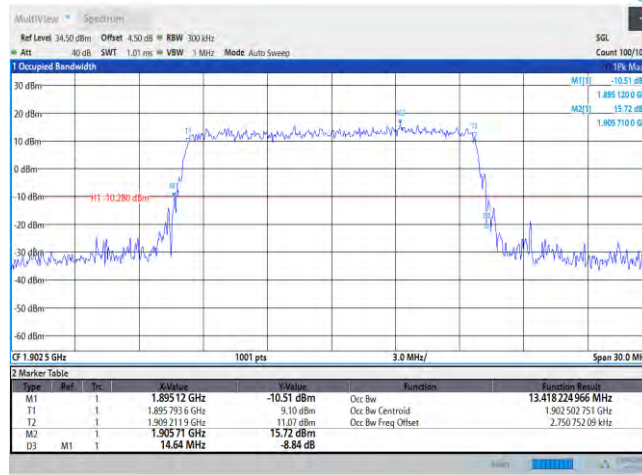
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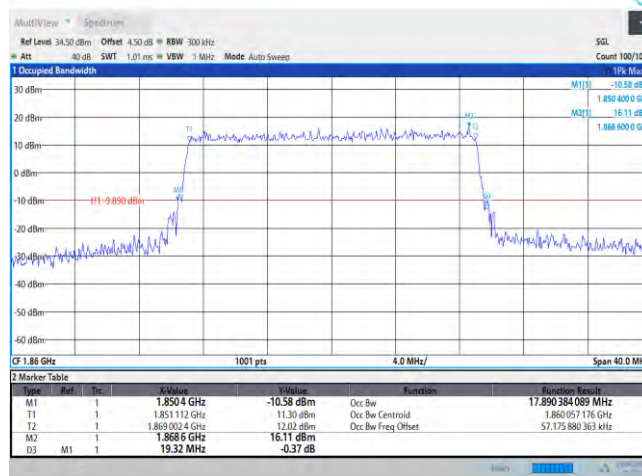
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Band2-15MHz-64QAM-19125-75RB#0



01:33:07 20.04.2023

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



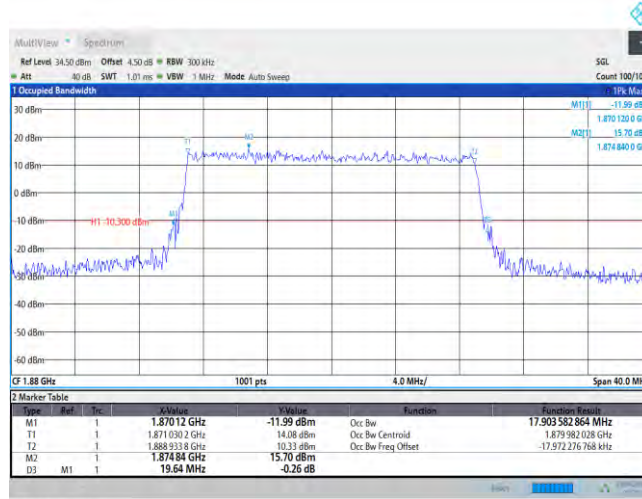
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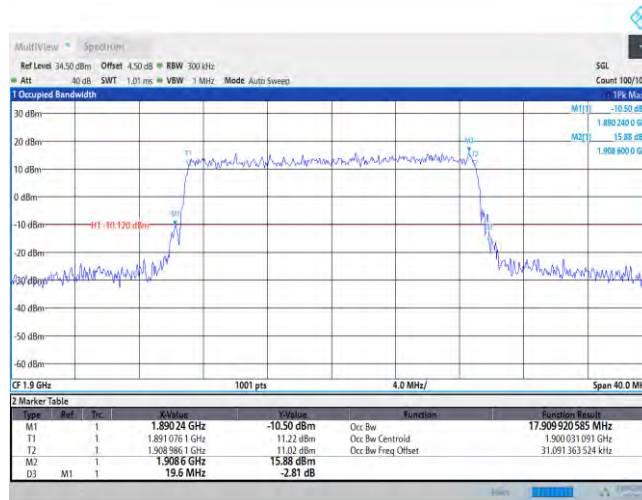
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Band2-20MHz-QPSK-18900-100RB#0



01:34:16 20.04.2023

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



01:34:56 20.04.2023



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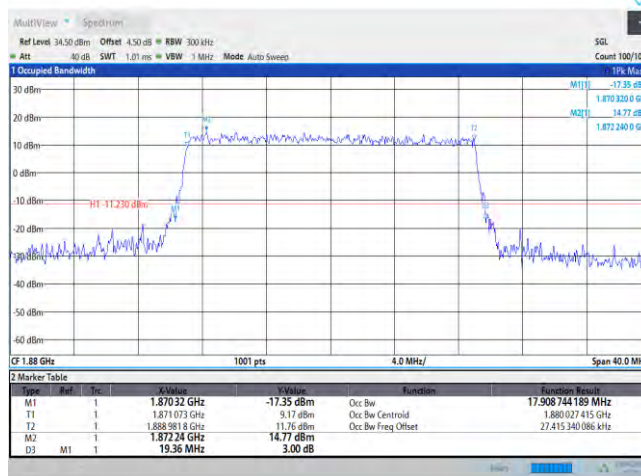
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Band2-20MHz-16QAM-18700-100RB#0



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



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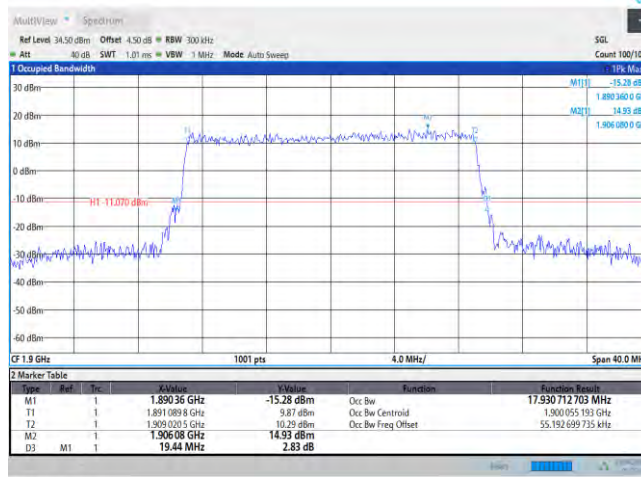


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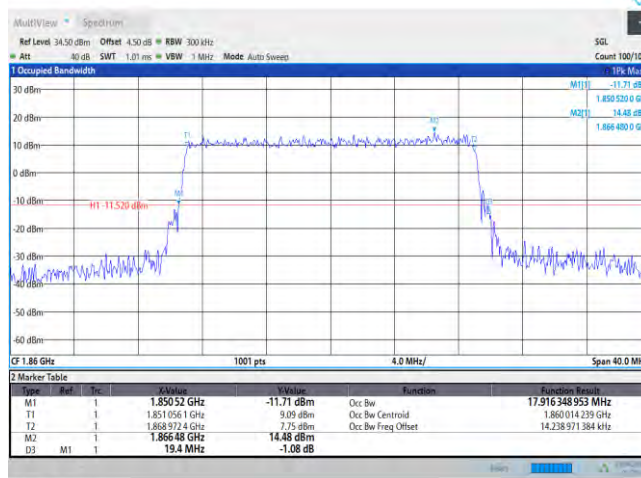
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Band2-20MHz-16QAM-19100-100RB#0



01:35:09 28.04.2023

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



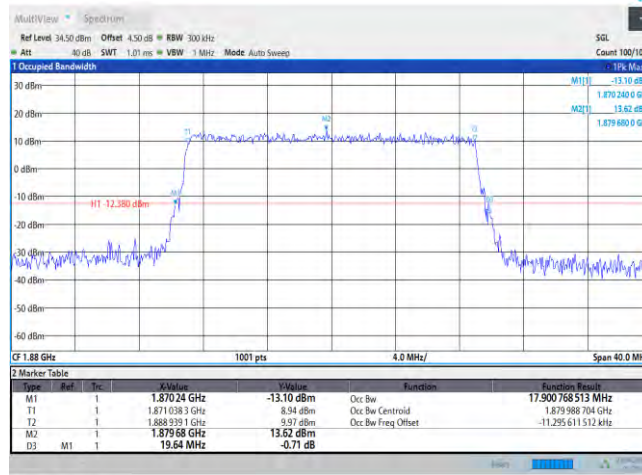
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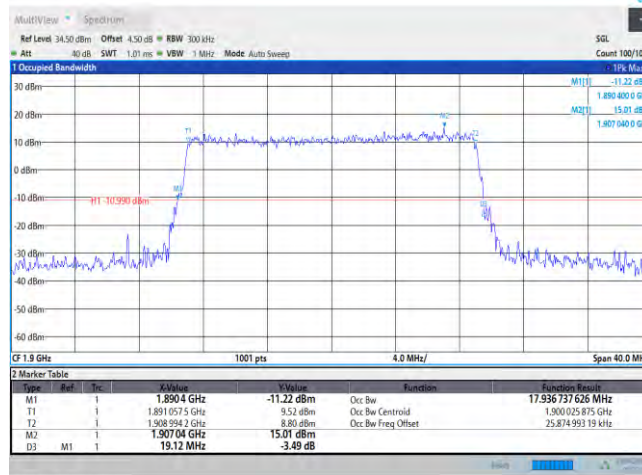
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Band2-20MHz-64QAM-18900-100RB#0



01:34:42 28.04.2023

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



01:35:22 28.04.2023



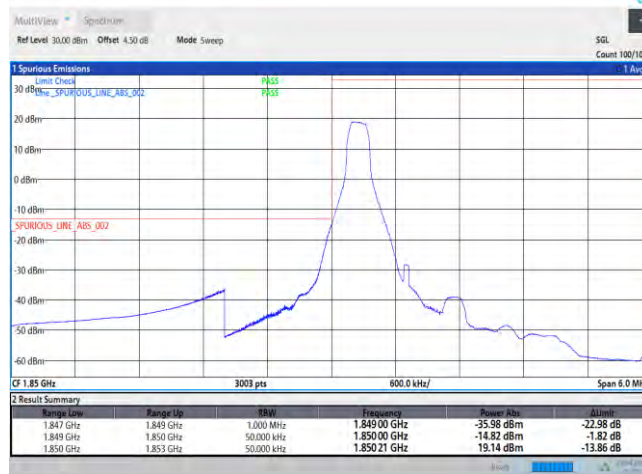
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Band Edge

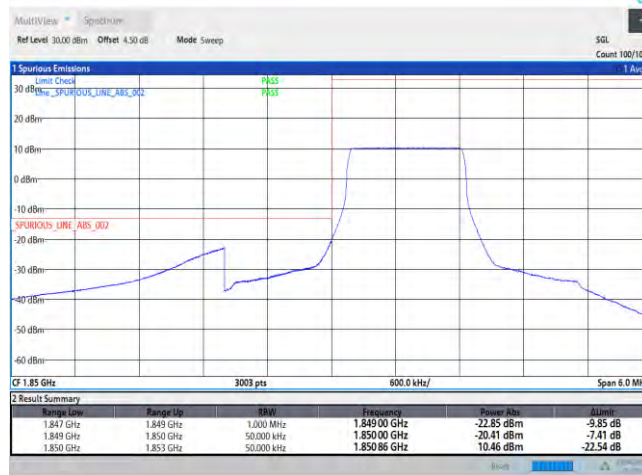
Test Graphs

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



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



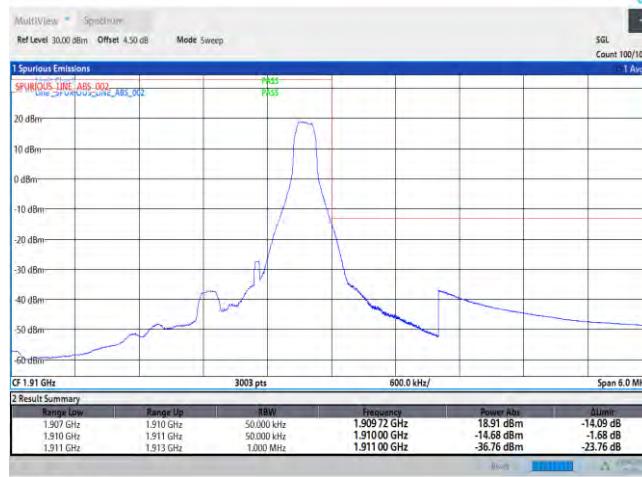
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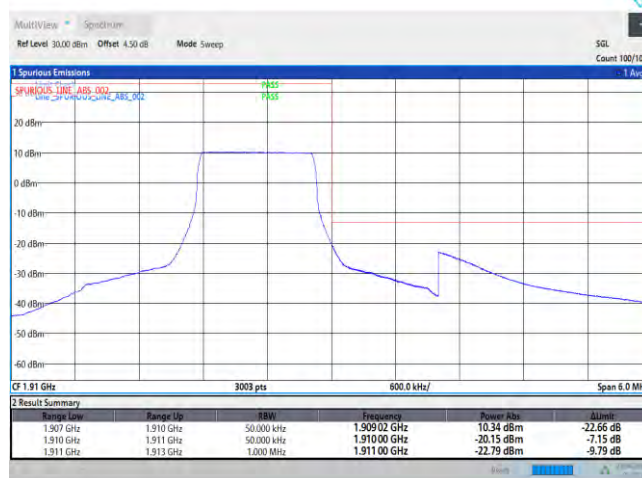
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Band2-1.4MHz-QPSK-19193-1RB#5



01:46:50 28.04.2023

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



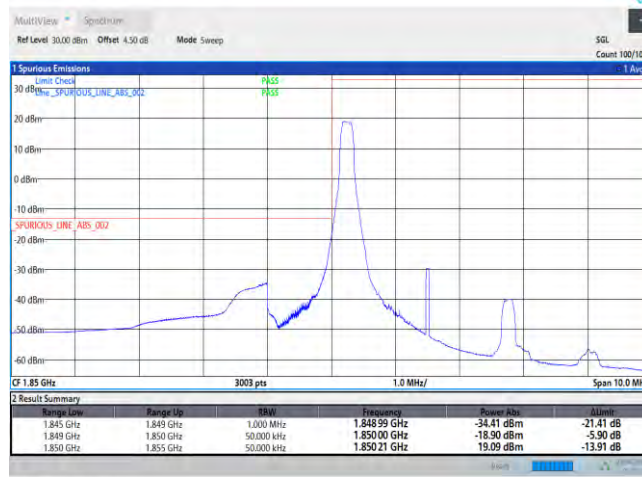
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Band2-3MHz-QPSK-18615-1RB#0



01:54:17 20.04.2023

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



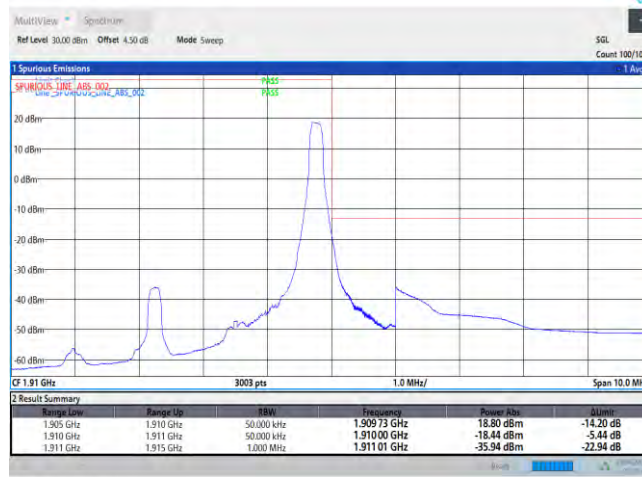
01:57:41 20.04.2023



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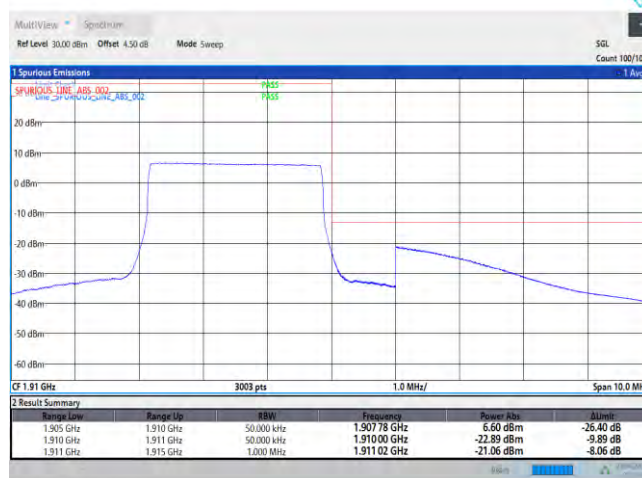
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Band2-3MHz-QPSK-19185-1RB#14



02:01:44 28.04.2023

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



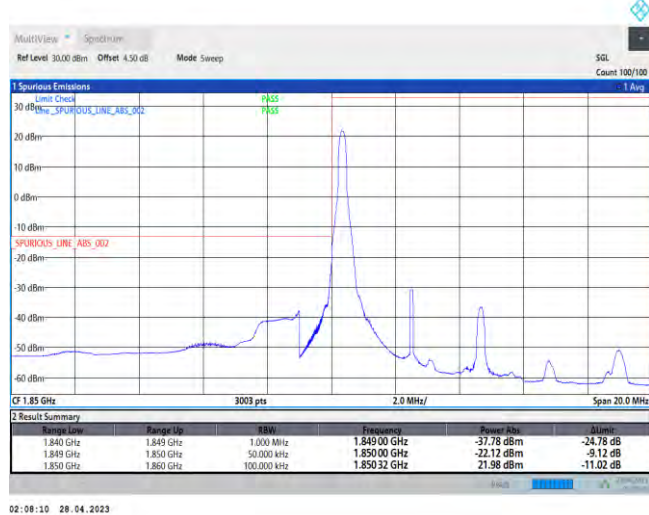
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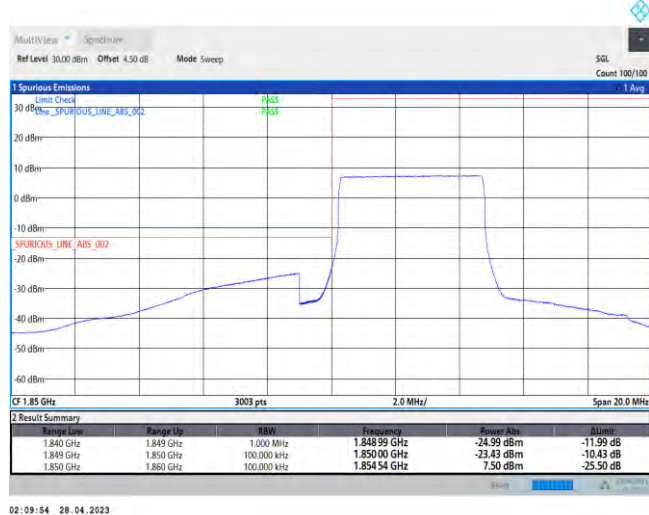
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Band2-5MHz-QPSK-18625-1RB#0



02:08:10 28.04.2023

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



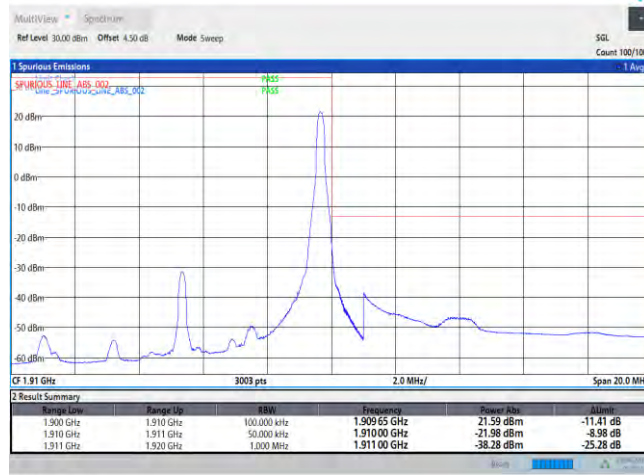
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Band2-5MHz-QPSK-19175-1RB#24



02:12:57 28. 04. 2023

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



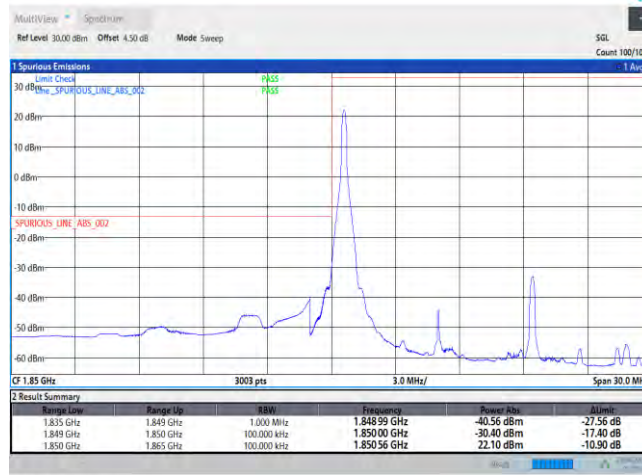
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Band2-10MHz-QPSK-18650-1RB#0



02:17:45 20.04.2023

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



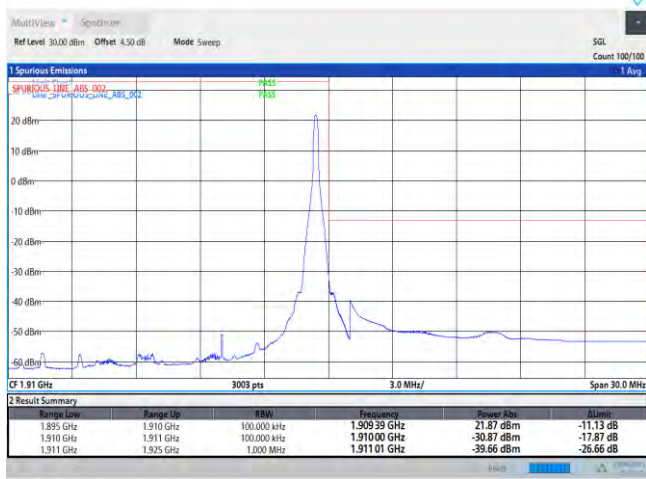
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Band2-10MHz-QPSK-19150-1RB#49



02:22:32 28.04.2023

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



02:24:17 28.04.2023

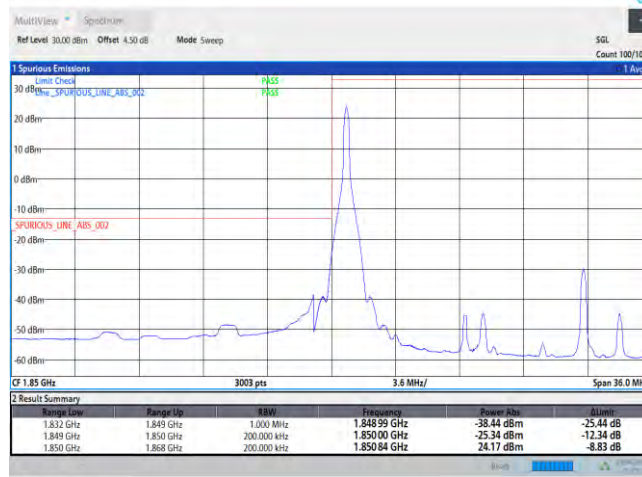


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Band2-15MHz-QPSK-18675-1RB#0



02:27:19 28. 04. 2023

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



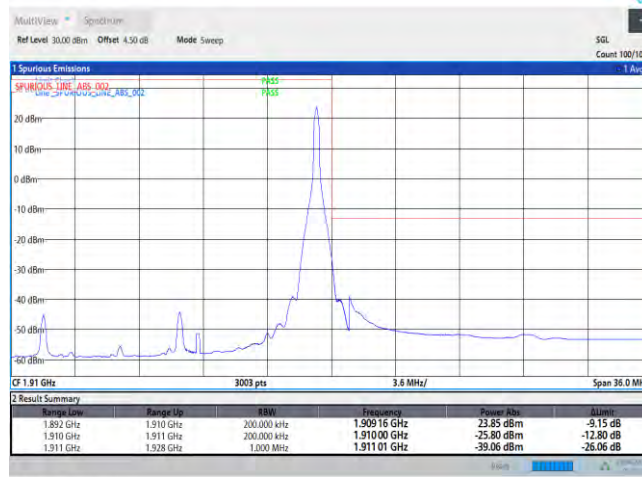
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Band2-15MHz-QPSK-19125-1RB#74



02:32:07 28.04.2023

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



02:33:52 28.04.2023



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



02:36:54 20.04.2023

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



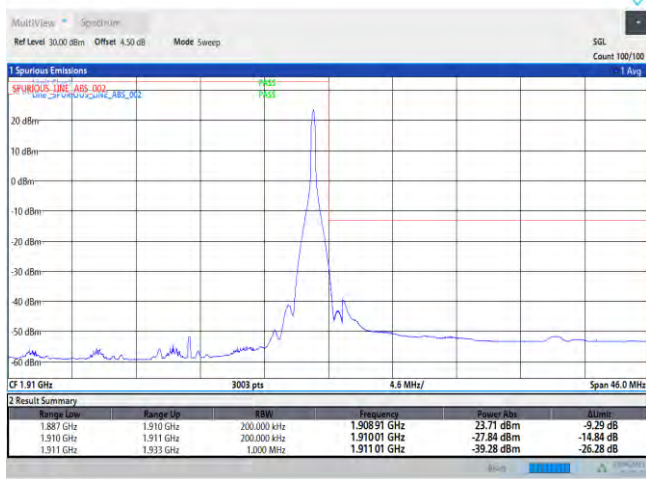
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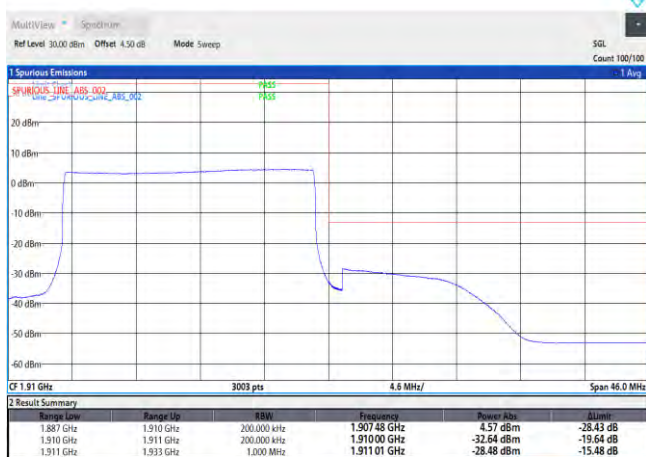
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Band2-20MHz-QPSK-19100-1RB#99



02:41:42 28. 04. 2023

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



02:43:27 28. 04. 2023



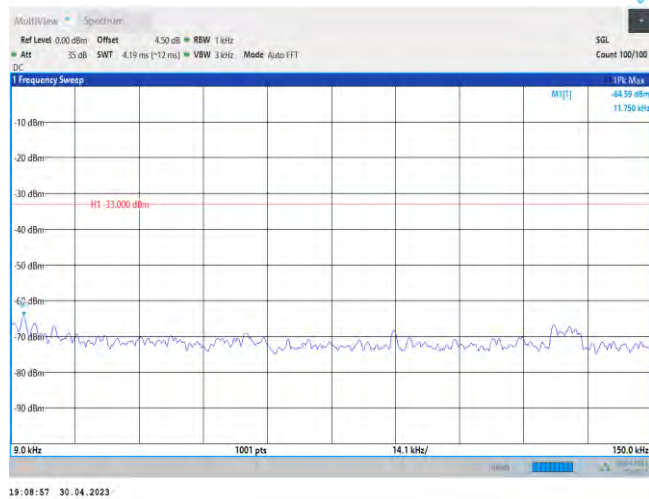
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Conducted Spurious Emission

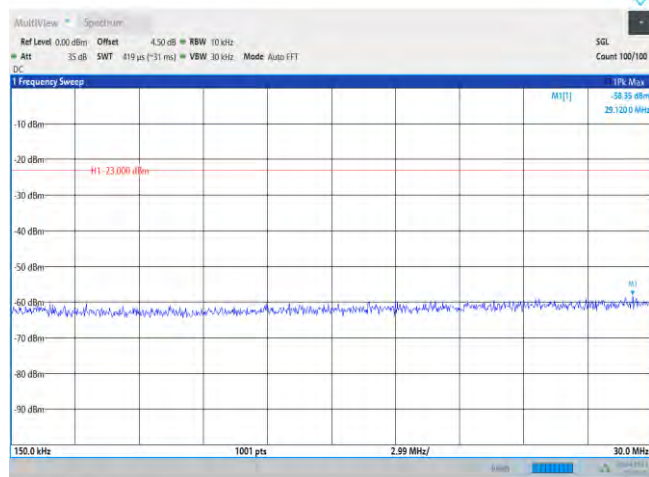
Test Graphs

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



19:08:57 30.04.2023

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



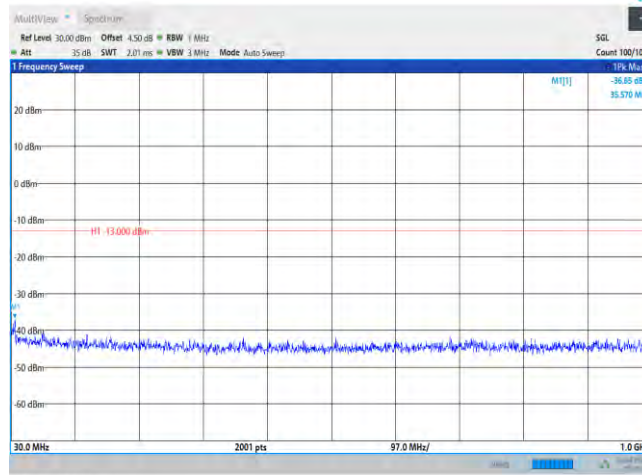
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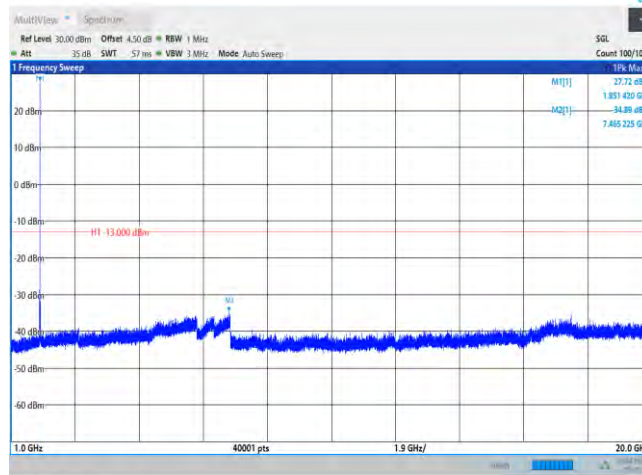
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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



19:09:07 30.04.2023

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



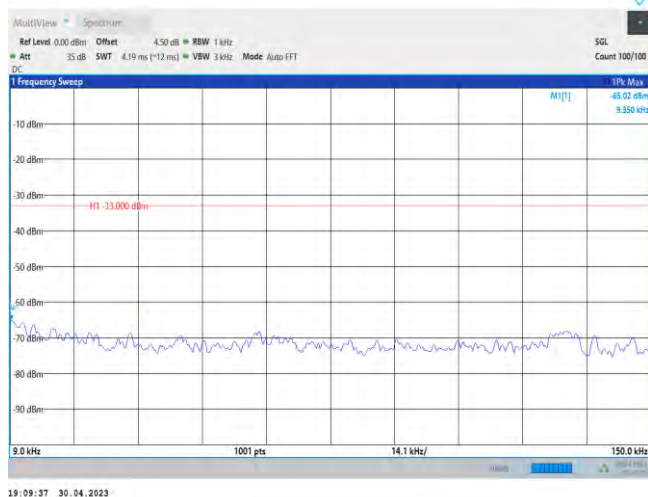
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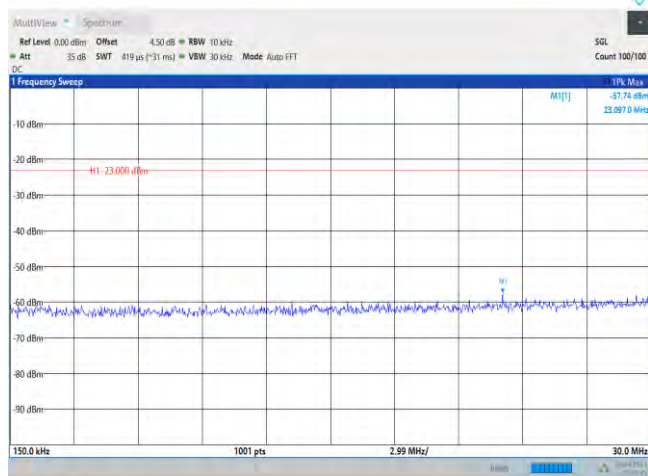
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Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



19:09:37 30.04.2023

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



19:09:43 30.04.2023

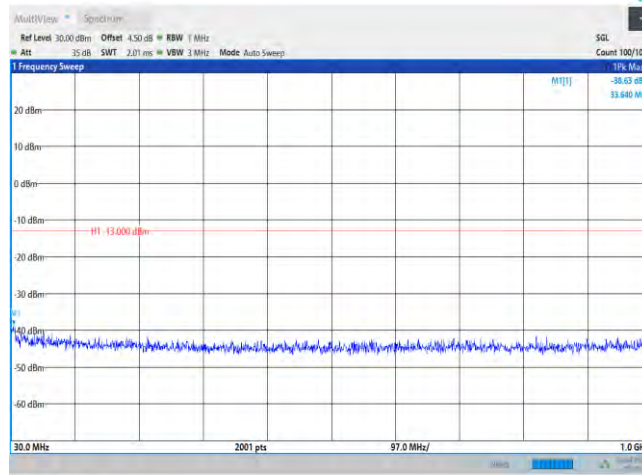


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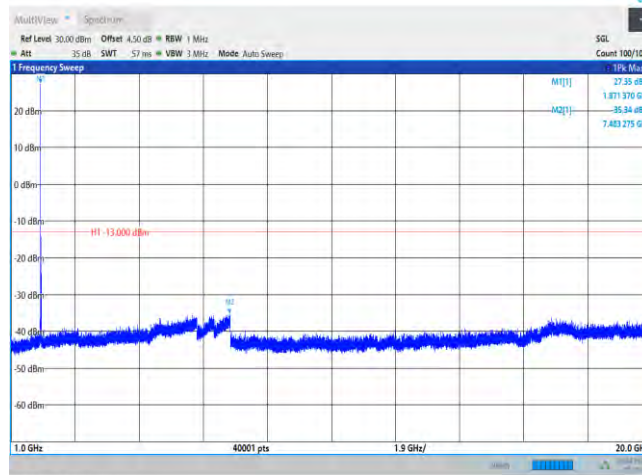
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Band2-20MHz-QPSK-18900-1RB#0-Range3:30~1000MHz



19:09:47 30.04.2023

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



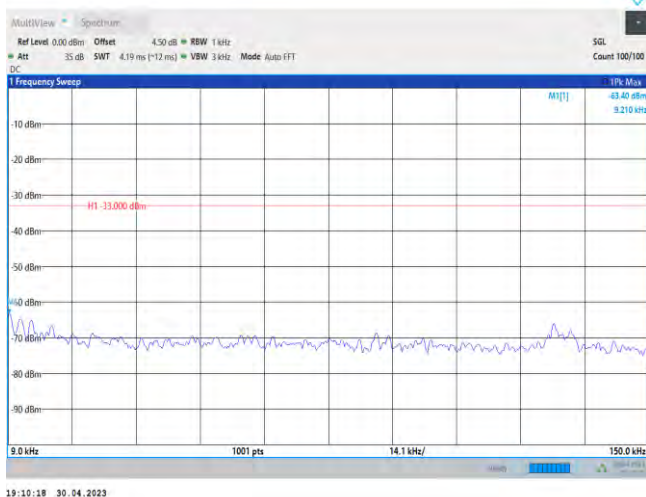
19:10:03 30.04.2023



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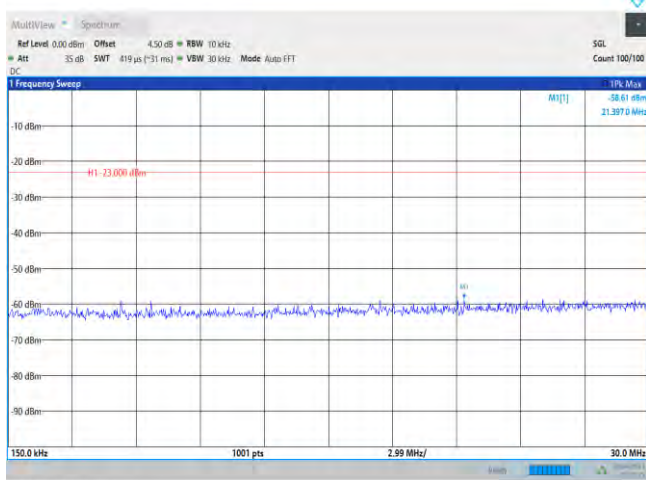
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Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



19:10:18 30.04.2023

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



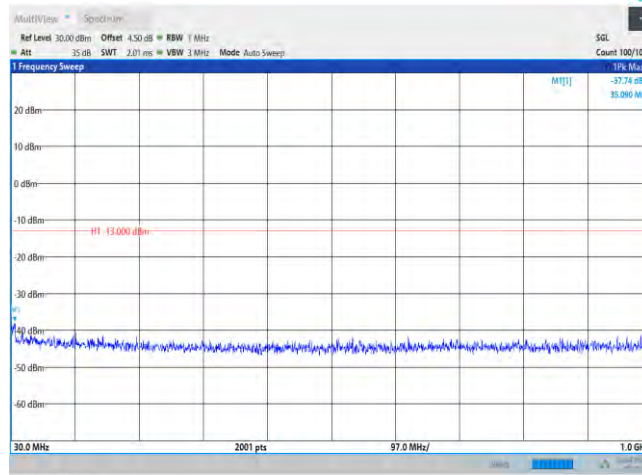
19:10:24 30.04.2023



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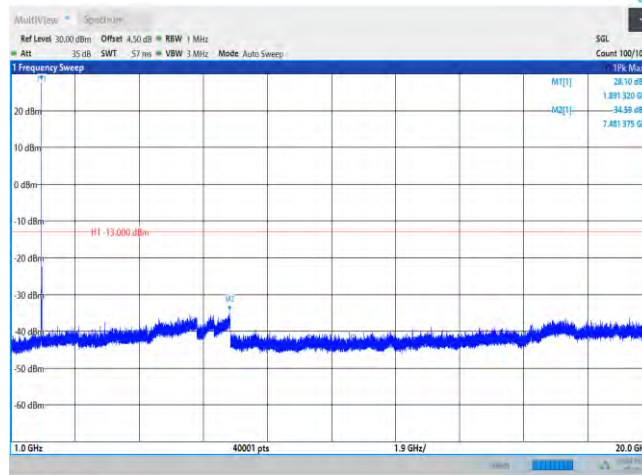
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Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



19:10:28 30.04.2023

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



19:10:43 30.04.2023



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Field Strength of Spurious Radiation

Test Band = LTE Band2_20MHz_TM1

Test Channel = Low ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	43.11	-45.51	29.98	-67.68	-13.00	54.68	214	181	Horizontal
2	5553.2700	41.13	-45.15	32.97	-66.31	-13.00	53.31	136	224	Horizontal
3	7404.3600	41.83	-43.40	36.49	-60.34	-13.00	47.34	258	346	Horizontal
4	9255.4500	38.75	-40.23	38.38	-58.36	-13.00	45.36	142	8	Horizontal
5	11106.5400	35.36	-37.93	39.09	-58.74	-13.00	45.74	199	0	Horizontal
6	12957.6300	34.93	-37.24	39.79	-57.78	-13.00	44.78	186	346	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	41.61	-45.51	29.98	-69.18	-13.00	56.18	211	316	Vertical
2	5553.2700	42.00	-45.15	32.97	-65.44	-13.00	52.44	142	0	Vertical
3	7404.3600	41.24	-43.40	36.49	-60.93	-13.00	47.93	136	59	Vertical
4	9255.4500	38.03	-40.23	38.38	-59.08	-13.00	46.08	258	118	Vertical
5	11106.5400	35.70	-37.93	39.09	-58.40	-13.00	45.40	196	90	Vertical
6	12957.6300	35.03	-37.24	39.79	-57.68	-13.00	44.68	175	0	Vertical



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Test Band = LTE Band2_20MHz _ TM1

Test Channel = Mid ANTO

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	46.10	-45.68	30.12	-64.72	-13.00	51.72	254	163	Horizontal
2	5613.2700	41.10	-45.04	33.07	-66.13	-13.00	53.13	188	344	Horizontal
3	7484.3600	39.61	-43.18	36.45	-62.38	-13.00	49.38	142	163	Horizontal
4	9355.4500	38.19	-40.00	38.46	-58.62	-13.00	45.62	156	254	Horizontal
5	11226.5400	35.69	-37.40	39.11	-57.86	-13.00	44.86	291	344	Horizontal
6	13097.6300	34.59	-37.01	39.87	-57.80	-13.00	44.80	105	148	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	43.12	-45.68	30.12	-67.70	-13.00	54.70	214	8	Vertical
2	5613.2700	41.50	-45.04	33.07	-65.73	-13.00	52.73	136	31	Vertical
3	7484.3600	39.99	-43.18	36.45	-62.00	-13.00	49.00	256	226	Vertical
4	9355.4500	38.92	-40.00	38.46	-57.89	-13.00	44.89	291	302	Vertical
5	11226.5400	35.66	-37.40	39.11	-57.89	-13.00	44.89	175	243	Vertical
6	13097.6300	34.36	-37.01	39.87	-58.03	-13.00	45.03	142	243	Vertical



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Test Band = LTE Band2_20MHz _ TM1

Test Channel = High ANTO

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	51.60	-45.85	30.27	-59.24	-13.00	46.24	214	197	Horizontal
2	5673.2700	40.39	-44.91	33.29	-66.49	-13.00	53.49	175	166	Horizontal
3	7564.3600	40.07	-43.00	36.41	-61.79	-13.00	48.79	142	32	Horizontal
4	9455.4500	37.74	-40.05	38.48	-59.10	-13.00	46.10	136	138	Horizontal
5	11346.5400	34.56	-37.40	39.11	-58.99	-13.00	45.99	259	3	Horizontal
6	13237.6300	33.77	-37.08	39.96	-58.60	-13.00	45.60	188	166	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	48.70	-45.85	30.27	-62.14	-13.00	49.14	145	121	Vertical
2	5673.2700	40.66	-44.91	33.29	-66.22	-13.00	53.22	128	316	Vertical
3	7564.3600	39.55	-43.00	36.41	-62.31	-13.00	49.31	136	227	Vertical
4	9455.4500	37.59	-40.05	38.48	-59.25	-13.00	46.25	259	135	Vertical
5	11346.5400	34.28	-37.40	39.11	-59.27	-13.00	46.27	184	0	Vertical
6	13237.6300	34.33	-37.08	39.96	-58.04	-13.00	45.04	175	182	Vertical



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Test Band = LTE Band2_20MHz _ TM1

Test Channel = Low ANT4

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	43.78	-45.51	29.98	-67.01	-13.00	54.01	214	255	Horizontal
2	5553.2700	41.72	-45.15	32.97	-65.72	-13.00	52.72	175	0	Horizontal
3	7404.3600	41.10	-43.40	36.49	-61.07	-13.00	48.07	126	357	Horizontal
4	9255.4500	37.84	-40.23	38.38	-59.27	-13.00	46.27	236	0	Horizontal
5	11106.5400	34.72	-37.93	39.09	-59.38	-13.00	46.38	291	135	Horizontal
6	12957.6300	33.99	-37.24	39.79	-58.72	-13.00	45.72	144	31	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	41.34	-45.51	29.98	-69.45	-13.00	56.45	214	225	Vertical
2	5553.2700	41.22	-45.15	32.97	-66.22	-13.00	53.22	185	103	Vertical
3	7404.3600	41.89	-43.40	36.49	-60.28	-13.00	47.28	174	44	Vertical
4	9255.4500	37.95	-40.23	38.38	-59.16	-13.00	46.16	156	314	Vertical
5	11106.5400	34.80	-37.93	39.09	-59.30	-13.00	46.30	219	314	Vertical
6	12957.6300	34.05	-37.24	39.79	-58.66	-13.00	45.66	136	1	Vertical



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Test Band = LTE Band2_20MHz _ TM1

Test Channel = Mid ANT4

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	46.06	-45.68	30.12	-64.76	-13.00	51.76	145	256	Horizontal
2	5613.2700	40.58	-45.04	33.07	-66.65	-13.00	53.65	175	8	Horizontal
3	7484.3600	39.36	-43.18	36.45	-62.63	-13.00	49.63	142	316	Horizontal
4	9355.4500	38.08	-40.00	38.46	-58.73	-13.00	45.73	136	90	Horizontal
5	11226.5400	35.11	-37.40	39.11	-58.44	-13.00	45.44	259	357	Horizontal
6	13097.6300	34.35	-37.01	39.87	-58.04	-13.00	45.04	188	270	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	44.02	-45.68	30.12	-66.80	-13.00	53.80	214	3	Vertical
2	5613.2700	41.15	-45.04	33.07	-66.08	-13.00	53.08	258	0	Vertical
3	7484.3600	40.53	-43.18	36.45	-61.46	-13.00	48.46	174	0	Vertical
4	9355.4500	38.03	-40.00	38.46	-58.78	-13.00	45.78	156	8	Vertical
5	11226.5400	35.17	-37.40	39.11	-58.38	-13.00	45.38	219	30	Vertical
6	13097.6300	34.69	-37.01	39.87	-57.70	-13.00	44.70	136	195	Vertical



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 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
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Test Band = LTE Band2_20MHz _ TM1
Test Channel = High ANT4

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	52.49	-45.85	30.27	-58.35	-13.00	45.35	214	195	Horizontal
2	5673.2700	40.88	-44.91	33.29	-66.00	-13.00	53.00	185	104	Horizontal
3	7564.3600	39.30	-43.00	36.41	-62.56	-13.00	49.56	166	0	Horizontal
4	9455.4500	37.15	-40.05	38.48	-59.69	-13.00	46.69	236	344	Horizontal
5	11346.5400	33.79	-37.40	39.11	-59.76	-13.00	46.76	258	209	Horizontal
6	13237.6300	33.22	-37.08	39.96	-59.15	-13.00	46.15	147	164	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	46.94	-45.85	30.27	-63.90	-13.00	50.90	215	120	Vertical
2	5673.2700	40.42	-44.91	33.29	-66.46	-13.00	53.46	169	208	Vertical
3	7564.3600	38.86	-43.00	36.41	-63.00	-13.00	50.00	175	346	Vertical
4	9455.4500	37.33	-40.05	38.48	-59.51	-13.00	46.51	149	6	Vertical
5	11346.5400	34.18	-37.40	39.11	-59.37	-13.00	46.37	136	255	Vertical
6	13237.6300	33.82	-37.08	39.96	-58.55	-13.00	45.55	259	0	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	1.00	0.000532	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-0.40	-0.000213	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	0.60	0.000319	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	0.70	0.000372	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-0.80	-0.000426	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-0.60	-0.000319	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-1.60	-0.000851	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	0.60	0.000319	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-0.30	-0.000160	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-0.50	-0.000266	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-1.70	-0.000904	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	1.90	0.001011	PASS

---End of Attachment---



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