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Appendix B.3

LTE Band 2



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

Effective (Isotropic) Radiated Power Output Data for

SEWM2307000261RG01

Test Result

Ant3:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.71	22.01	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.51	21.81	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.56	21.86	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.60	20.90	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.74	21.04	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.66	20.96	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.79	21.09	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.70	20.00	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.82	20.12	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.79	20.09	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.83	20.13	33	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	20.80	19.10	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#0	18.87	17.17	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#2	18.85	17.15	33	PASS
Band2	1.4MHz	256QAM	18607	1RB#5	19.11	17.41	33	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	18.97	17.27	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.62	21.92	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.64	21.94	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.59	21.89	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.71	21.01	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.69	20.99	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.72	21.02	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.76	21.06	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.82	20.12	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.73	20.03	33	PASS



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Band2	1.4MHz	64QAM	18900	1RB#2	21.85	20.15	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.82	20.12	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.81	19.11	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#0	19.18	17.48	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#2	18.99	17.29	33	PASS
Band2	1.4MHz	256QAM	18900	1RB#5	18.89	17.19	33	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	18.84	17.14	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.61	21.91	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.58	21.88	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.71	22.01	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.67	20.97	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.69	20.99	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.89	21.19	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.75	21.05	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.91	20.21	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.83	20.13	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.75	20.05	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.84	20.14	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.86	19.16	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#0	19.04	17.34	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#2	19.00	17.30	33	PASS
Band2	1.4MHz	256QAM	19193	1RB#5	19.11	17.41	33	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	19.16	17.46	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.63	21.93	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.53	21.83	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.52	21.82	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.63	20.93	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.79	21.09	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.71	21.01	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.63	20.93	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.77	20.07	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.86	20.16	33	PASS



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Band2	3MHz	64QAM	18615	1RB#8	21.89	20.19	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.87	20.17	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.90	19.20	33	PASS
Band2	3MHz	256QAM	18615	1RB#0	18.90	17.20	33	PASS
Band2	3MHz	256QAM	18615	1RB#8	18.85	17.15	33	PASS
Band2	3MHz	256QAM	18615	1RB#14	19.06	17.36	33	PASS
Band2	3MHz	256QAM	18615	15RB#0	18.90	17.20	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.61	21.91	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.71	22.01	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.65	21.95	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.68	20.98	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.77	21.07	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.70	21.00	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.64	20.94	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.68	19.98	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.71	20.01	33	PASS
Band2	3MHz	64QAM	18900	1RB#8	21.89	20.19	33	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.71	20.01	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.84	19.14	33	PASS
Band2	3MHz	256QAM	18900	1RB#0	19.10	17.40	33	PASS
Band2	3MHz	256QAM	18900	1RB#8	18.93	17.23	33	PASS
Band2	3MHz	256QAM	18900	1RB#14	18.80	17.10	33	PASS
Band2	3MHz	256QAM	18900	15RB#0	18.84	17.14	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.59	21.89	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.55	21.85	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.64	21.94	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.62	20.92	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.75	21.05	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.73	21.03	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.69	20.99	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.76	20.06	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.82	20.12	33	PASS



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Band2	3MHz	64QAM	19185	1RB#14	21.77	20.07	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.86	19.16	33	PASS
Band2	3MHz	256QAM	19185	1RB#0	18.98	17.28	33	PASS
Band2	3MHz	256QAM	19185	1RB#8	18.99	17.29	33	PASS
Band2	3MHz	256QAM	19185	1RB#14	19.11	17.41	33	PASS
Band2	3MHz	256QAM	19185	15RB#0	19.07	17.37	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.64	21.94	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.63	21.93	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.57	21.87	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.56	20.86	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.70	21.00	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.81	21.11	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.68	20.98	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.85	20.15	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.88	20.18	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.89	20.19	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.86	20.16	33	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.93	19.23	33	PASS
Band2	5MHz	256QAM	18625	1RB#0	18.98	17.28	33	PASS
Band2	5MHz	256QAM	18625	1RB#12	18.84	17.14	33	PASS
Band2	5MHz	256QAM	18625	1RB#24	19.02	17.32	33	PASS
Band2	5MHz	256QAM	18625	25RB#0	18.93	17.23	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.64	21.94	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.65	21.95	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.66	21.96	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.73	21.03	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.76	21.06	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.69	20.99	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.62	20.92	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.71	20.01	33	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.78	20.08	33	PASS



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Band2	5MHz	64QAM	18900	1RB#24	21.78	20.08	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.85	19.15	33	PASS
Band2	5MHz	256QAM	18900	1RB#0	19.19	17.49	33	PASS
Band2	5MHz	256QAM	18900	1RB#12	19.02	17.32	33	PASS
Band2	5MHz	256QAM	18900	1RB#24	18.88	17.18	33	PASS
Band2	5MHz	256QAM	18900	25RB#0	18.82	17.12	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.60	21.90	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.54	21.84	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.66	21.96	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.57	20.87	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.77	21.07	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.72	21.02	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.74	21.04	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.82	20.12	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.81	20.11	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.79	20.09	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.74	20.04	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.89	19.19	33	PASS
Band2	5MHz	256QAM	19175	1RB#0	19.01	17.31	33	PASS
Band2	5MHz	256QAM	19175	1RB#12	18.96	17.26	33	PASS
Band2	5MHz	256QAM	19175	1RB#24	19.10	17.40	33	PASS
Band2	5MHz	256QAM	19175	25RB#0	19.08	17.38	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.59	21.89	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.61	21.91	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.53	21.83	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.55	20.85	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.72	21.02	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.75	21.05	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.66	20.96	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.75	20.05	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.90	20.20	33	PASS



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Band2	10MHz	64QAM	18650	1RB#49	21.87	20.17	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.89	19.19	33	PASS
Band2	10MHz	256QAM	18650	1RB#0	18.98	17.28	33	PASS
Band2	10MHz	256QAM	18650	1RB#24	18.85	17.15	33	PASS
Band2	10MHz	256QAM	18650	1RB#49	19.06	17.36	33	PASS
Band2	10MHz	256QAM	18650	50RB#0	18.97	17.27	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.67	21.97	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.65	21.95	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.61	21.91	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.70	21.00	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.79	21.09	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.70	21.00	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.61	20.91	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.74	20.04	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.76	20.06	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.88	20.18	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.74	20.04	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.76	19.06	33	PASS
Band2	10MHz	256QAM	18900	1RB#0	19.10	17.40	33	PASS
Band2	10MHz	256QAM	18900	1RB#24	18.93	17.23	33	PASS
Band2	10MHz	256QAM	18900	1RB#49	18.81	17.11	33	PASS
Band2	10MHz	256QAM	18900	50RB#0	18.91	17.21	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.53	21.83	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.57	21.87	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.56	21.86	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.58	20.88	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.75	21.05	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.68	20.98	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.67	20.97	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.81	20.11	33	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.75	20.05	33	PASS



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Band2	10MHz	64QAM	19150	1RB#24	21.71	20.01	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.78	20.08	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.93	19.23	33	PASS
Band2	10MHz	256QAM	19150	1RB#0	19.05	17.35	33	PASS
Band2	10MHz	256QAM	19150	1RB#24	18.97	17.27	33	PASS
Band2	10MHz	256QAM	19150	1RB#49	19.10	17.40	33	PASS
Band2	10MHz	256QAM	19150	50RB#0	19.10	17.40	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.63	21.93	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.58	21.88	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.57	21.87	33	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.58	20.88	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.74	21.04	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.78	21.08	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.69	20.99	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.74	20.04	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.88	20.18	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.88	20.18	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.83	20.13	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.95	19.25	33	PASS
Band2	15MHz	256QAM	18675	1RB#0	18.94	17.24	33	PASS
Band2	15MHz	256QAM	18675	1RB#38	18.87	17.17	33	PASS
Band2	15MHz	256QAM	18675	1RB#74	19.04	17.34	33	PASS
Band2	15MHz	256QAM	18675	75RB#0	18.95	17.25	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.62	21.92	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.64	21.94	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.65	21.95	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.66	20.96	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.70	21.00	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.63	20.93	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.66	20.96	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.70	20.00	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.75	20.05	33	PASS



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Band2	15MHz	64QAM	18900	1RB#38	21.81	20.11	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.77	20.07	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.84	19.14	33	PASS
Band2	15MHz	256QAM	18900	1RB#0	19.19	17.49	33	PASS
Band2	15MHz	256QAM	18900	1RB#38	19.03	17.33	33	PASS
Band2	15MHz	256QAM	18900	1RB#74	18.85	17.15	33	PASS
Band2	15MHz	256QAM	18900	75RB#0	18.83	17.13	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.61	21.91	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.54	21.84	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.63	21.93	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.58	20.88	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.73	21.03	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.71	21.01	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.74	21.04	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.80	20.10	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.73	20.03	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.73	20.03	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.79	20.09	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.89	19.19	33	PASS
Band2	15MHz	256QAM	19125	1RB#0	18.96	17.26	33	PASS
Band2	15MHz	256QAM	19125	1RB#38	19.02	17.32	33	PASS
Band2	15MHz	256QAM	19125	1RB#74	19.18	17.48	33	PASS
Band2	15MHz	256QAM	19125	75RB#0	19.09	17.39	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.63	21.93	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.56	21.86	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.62	21.92	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.62	20.92	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.69	20.99	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.70	21.00	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.67	20.97	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.75	20.05	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.81	20.11	33	PASS



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Band2	20MHz	64QAM	18700	1RB#49	21.92	20.22	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.83	20.13	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.92	19.22	33	PASS
Band2	20MHz	256QAM	18700	1RB#0	18.92	17.22	33	PASS
Band2	20MHz	256QAM	18700	1RB#49	18.83	17.13	33	PASS
Band2	20MHz	256QAM	18700	1RB#99	19.04	17.34	33	PASS
Band2	20MHz	256QAM	18700	100RB#0	18.99	17.29	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.85	22.15	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.73	22.03	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.64	21.94	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.73	21.03	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.71	21.01	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.66	20.96	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.69	20.99	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.74	20.04	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.73	20.03	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.86	20.16	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.74	20.04	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.84	19.14	33	PASS
Band2	20MHz	256QAM	18900	1RB#0	19.15	17.45	33	PASS
Band2	20MHz	256QAM	18900	1RB#49	18.99	17.29	33	PASS
Band2	20MHz	256QAM	18900	1RB#99	18.84	17.14	33	PASS
Band2	20MHz	256QAM	18900	100RB#0	18.89	17.19	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.76	22.06	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.57	21.87	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.66	21.96	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.66	20.96	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.74	21.04	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.71	21.01	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.69	20.99	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.78	20.08	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.74	20.04	33	PASS



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Band2	20MHz	64QAM	19100	1RB#49	21.75	20.05	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.76	20.06	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.93	19.23	33	PASS
Band2	20MHz	256QAM	19100	1RB#0	19.05	17.35	33	PASS
Band2	20MHz	256QAM	19100	1RB#49	19.05	17.35	33	PASS
Band2	20MHz	256QAM	19100	1RB#99	19.15	17.45	33	PASS
Band2	20MHz	256QAM	19100	100RB#0	19.10	17.40	33	PASS



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Effective (Isotropic) Radiated Power Output Data for

SEWM2309000395RG01

Test Result

Ant3:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	20MHz	QPSK	18900	1RB#0	23.79	22.09	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.57	21.87	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.5	21.8	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.67	20.97	33	PASS



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**Peak-to-Average Ratio(CCDF)****Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.04	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.94	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.76	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.74	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.78	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.62	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.18	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.14	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.08	13	PASS
Band2	20MHz	256QAM	18700	100RB#0	6.38	13	PASS
Band2	20MHz	256QAM	18900	100RB#0	6.38	13	PASS
Band2	20MHz	256QAM	19100	100RB#0	6.38	13	PASS



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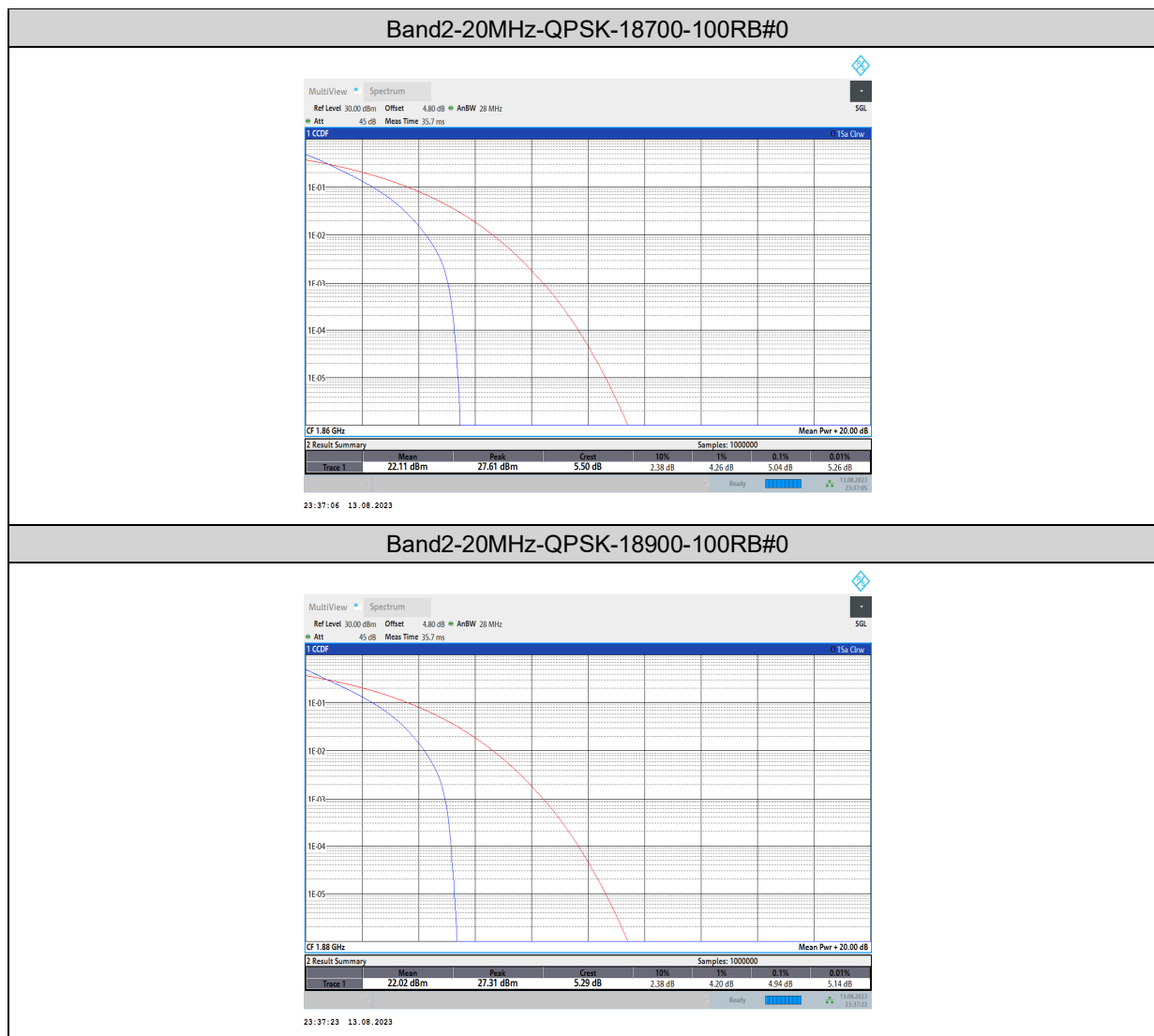
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Test Graphs



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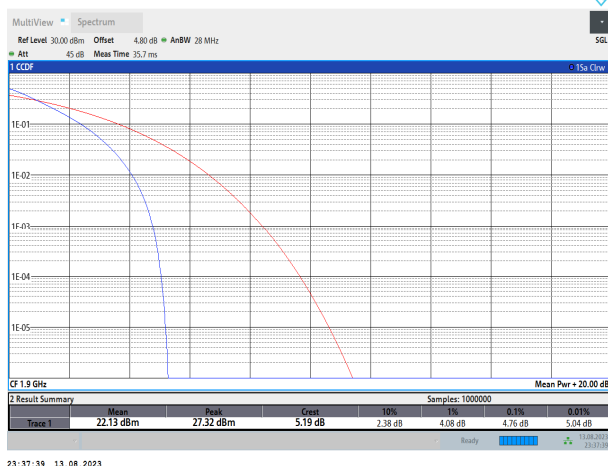


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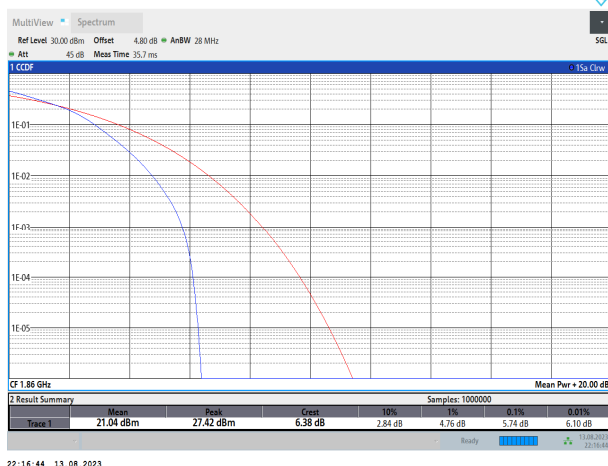
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Band2-20MHz-QPSK-19100-100RB#0



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



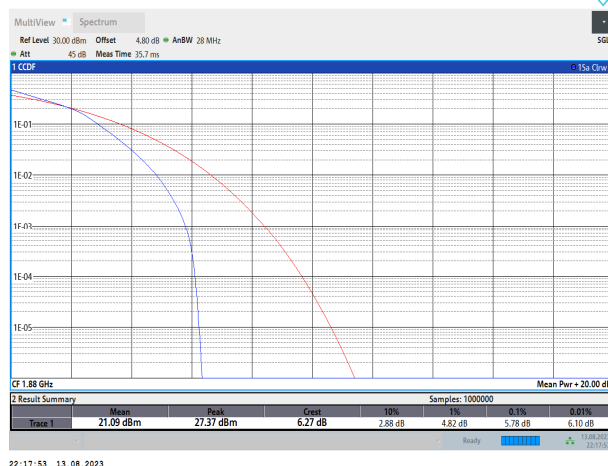
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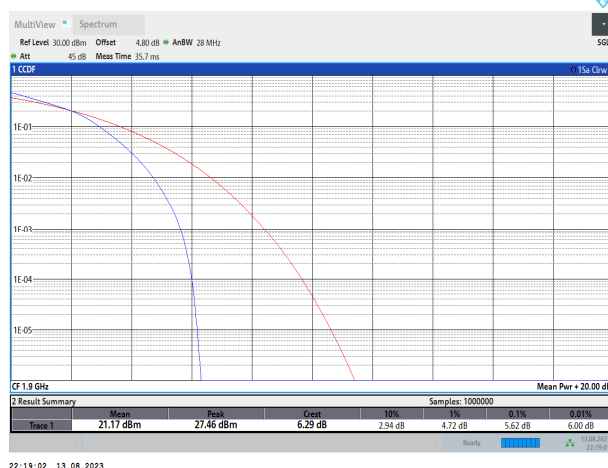
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Band2-20MHz-16QAM-18900-100RB#0



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



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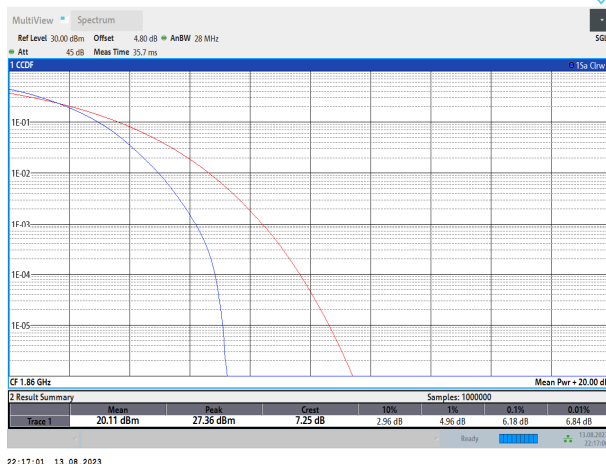


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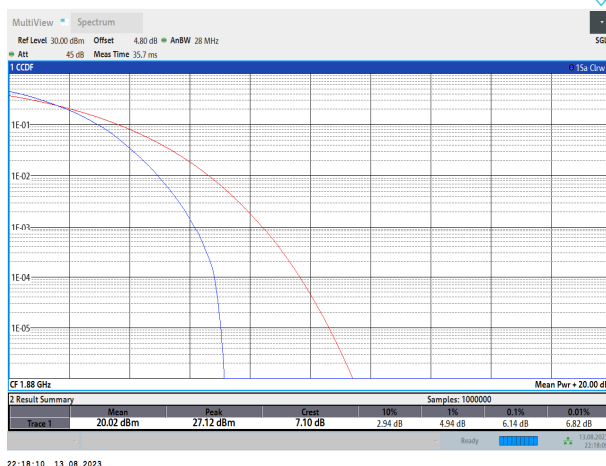
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Band2-20MHz-64QAM-18700-100RB#0



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



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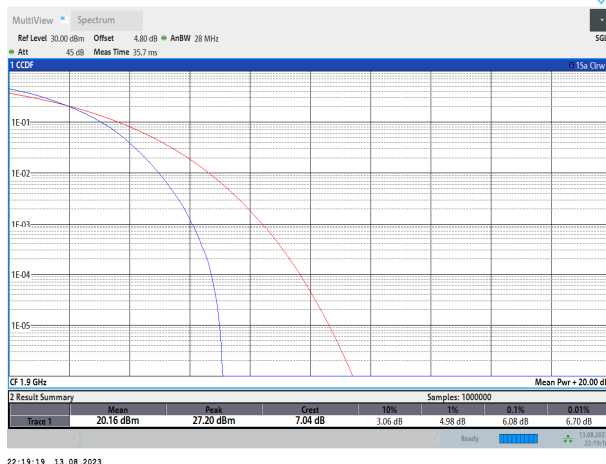


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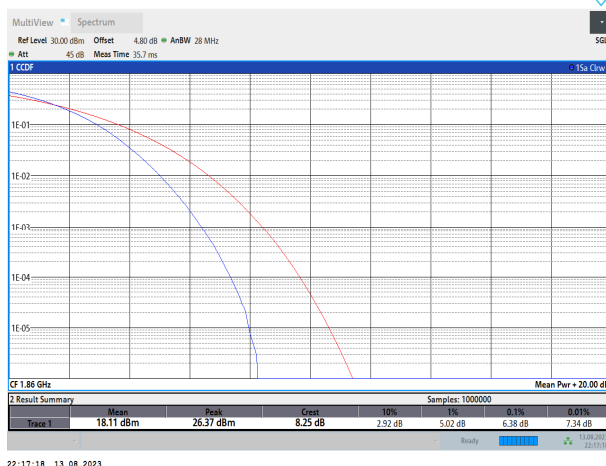
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Band2-20MHz-64QAM-19100-100RB#0



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



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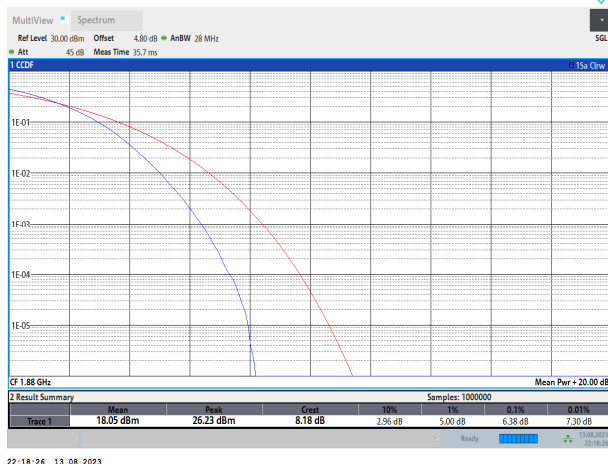


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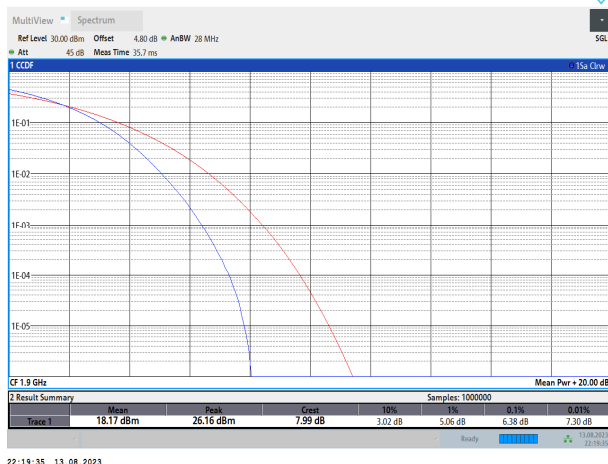
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Band2-20MHz-256QAM-18900-100RB#0



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



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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	1.089	1.21	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.115	1.40	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.087	1.29	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	1.085	1.24	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.692	2.93	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.699	2.98	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.683	3.02	PASS
Band2	3MHz	256QAM	18900	15RB#0	2.699	2.99	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.459	4.85	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.479	4.93	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.470	4.93	PASS
Band2	5MHz	256QAM	18900	25RB#0	4.478	4.97	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.949	9.52	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.925	9.56	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.930	9.58	PASS
Band2	10MHz	256QAM	18900	50RB#0	8.980	9.76	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.497	14.67	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.484	14.76	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.470	14.55	PASS
Band2	15MHz	256QAM	18900	75RB#0	13.464	14.40	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.952	19.52	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.928	19.04	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.883	19.52	PASS
Band2	20MHz	256QAM	18900	100RB#0	17.886	19.16	PASS



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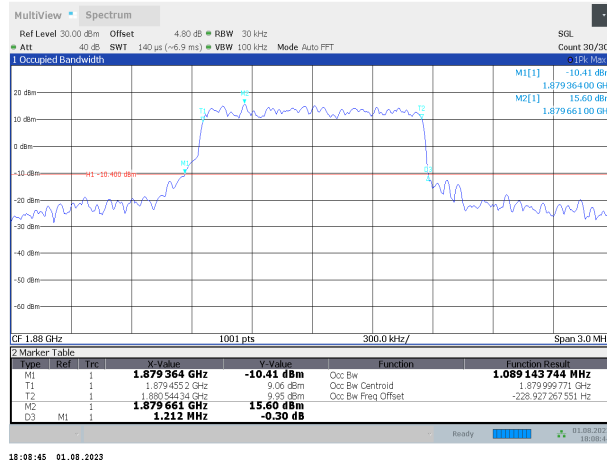
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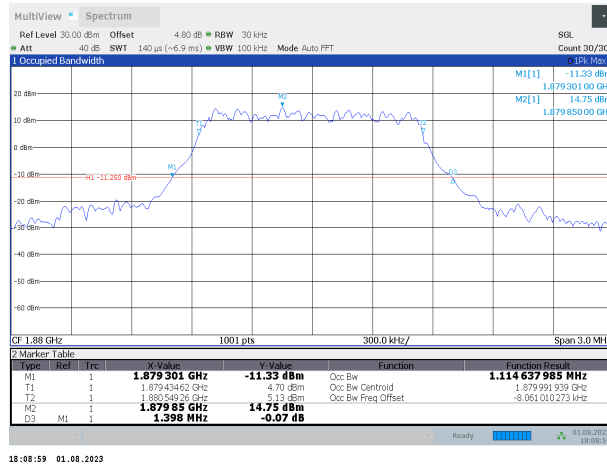
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Test Graphs

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



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



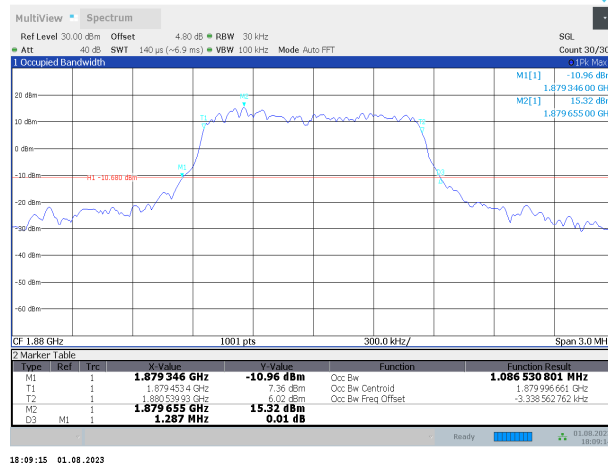
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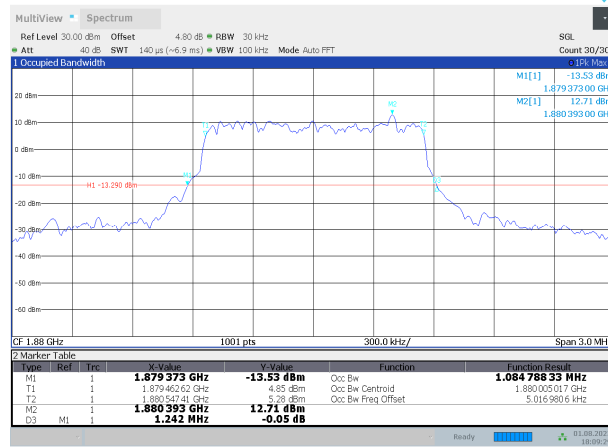


Band2-1.4MHz-64QAM-18900-6RB#0



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



18:09:30 01.08.2023



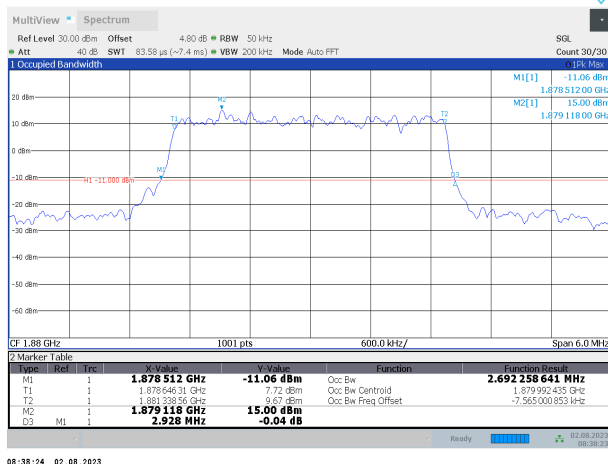
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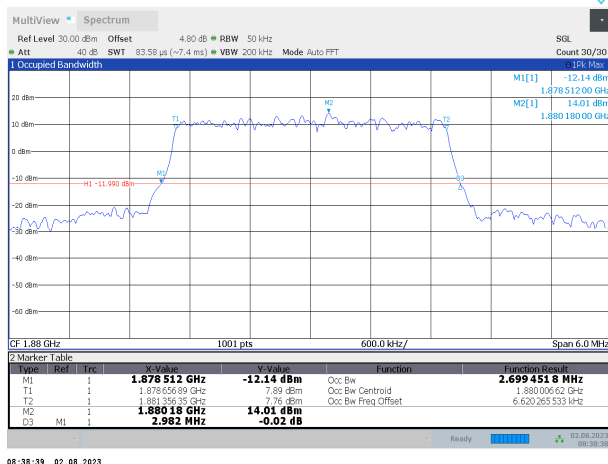
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Band2-3MHz-QPSK-18900-15RB#0



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



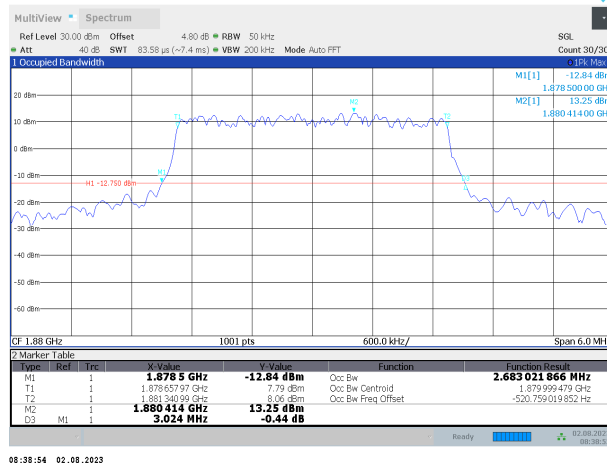
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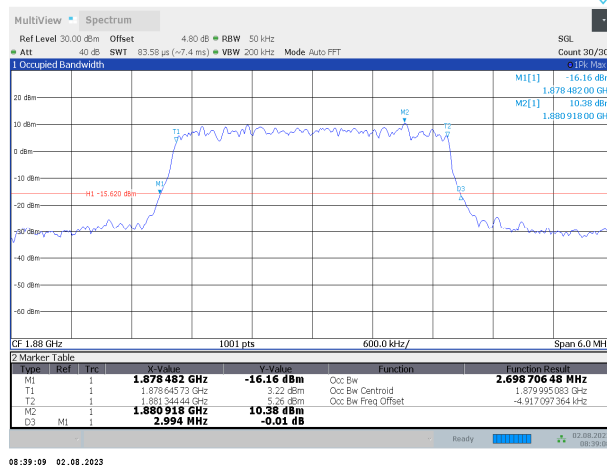
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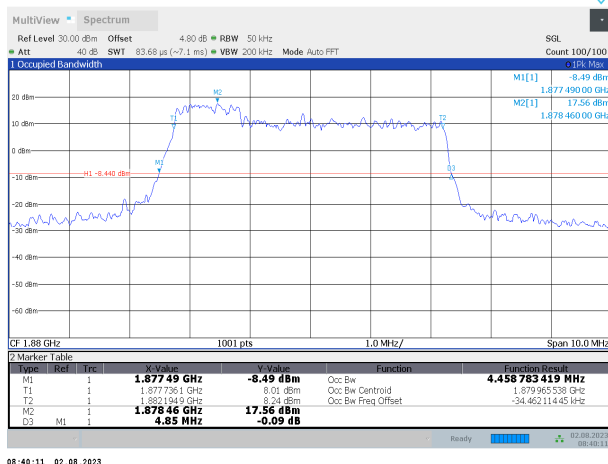
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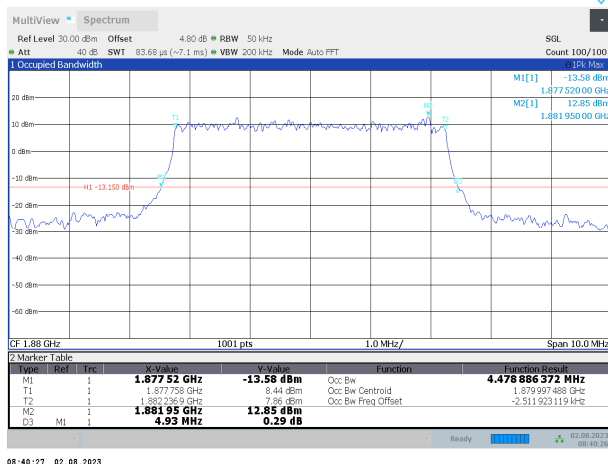
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Band2-5MHz-QPSK-18900-25RB#0



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



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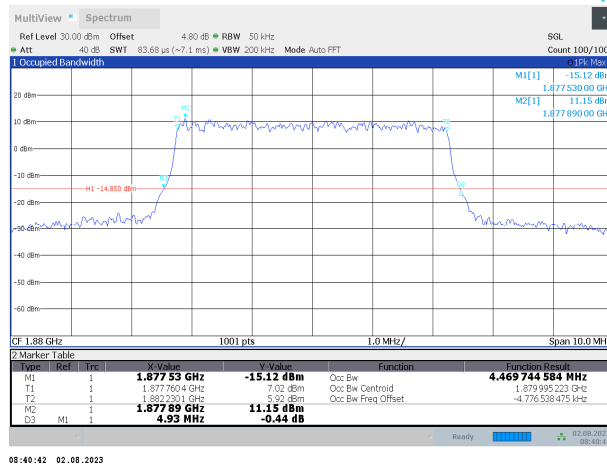


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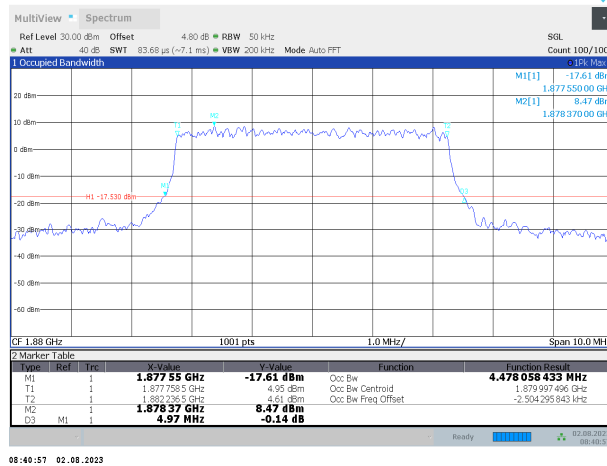
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Band2-5MHz-64QAM-18900-25RB#0



Band2-5MHz-256QAM-18900-25RB#0

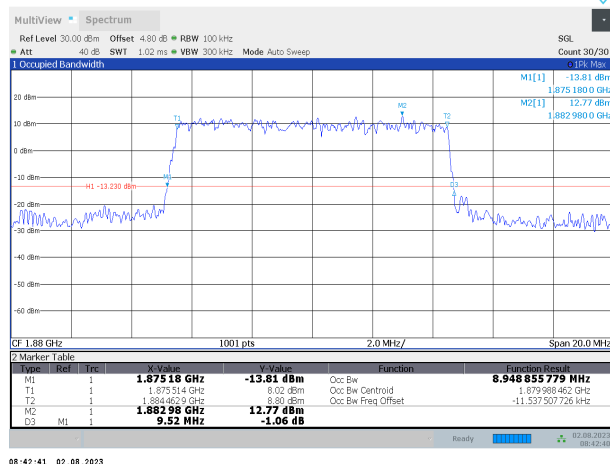


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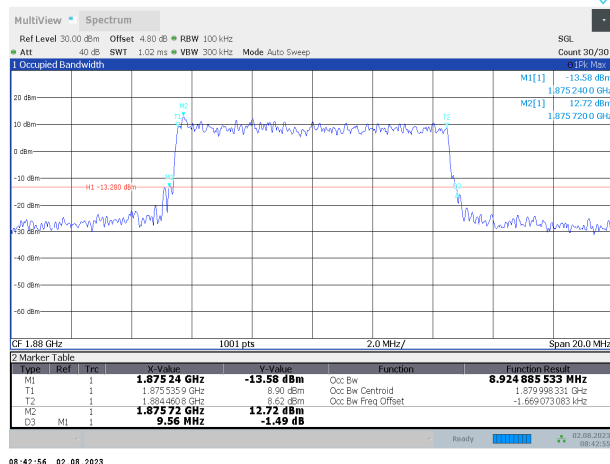
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Band2-10MHz-QPSK-18900-50RB#0



Band2-10MHz-16QAM-18900-50RB#0



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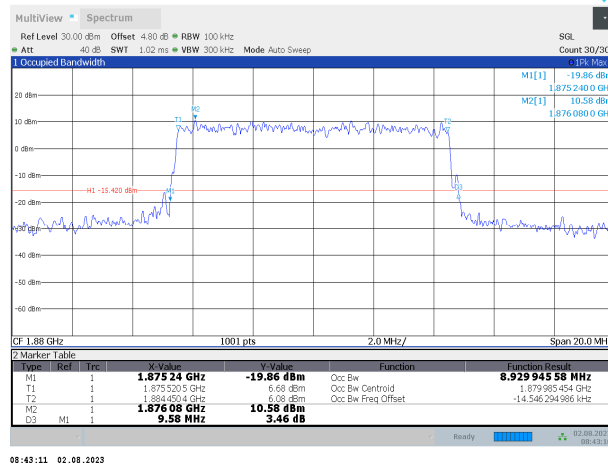


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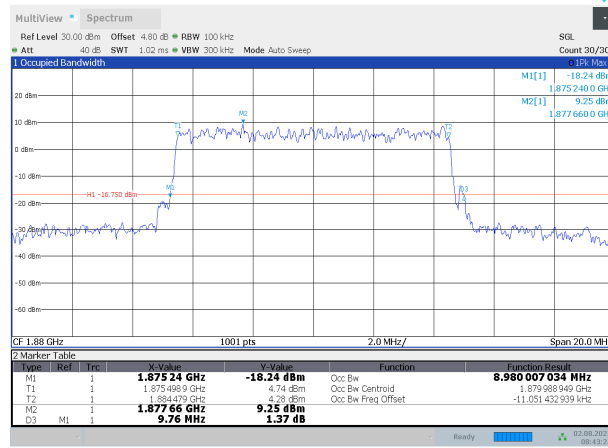
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Band2-10MHz-256QAM-18900-50RB#0



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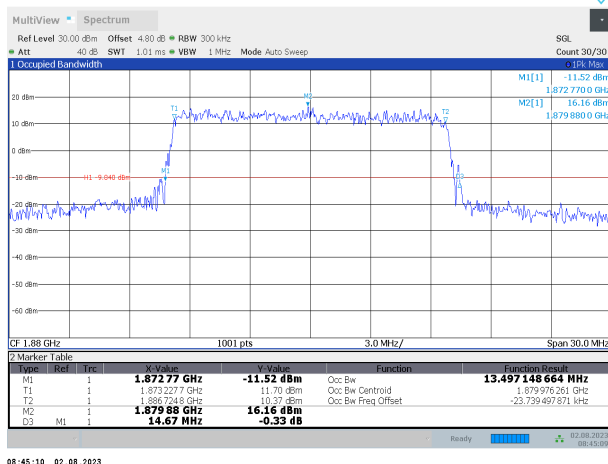


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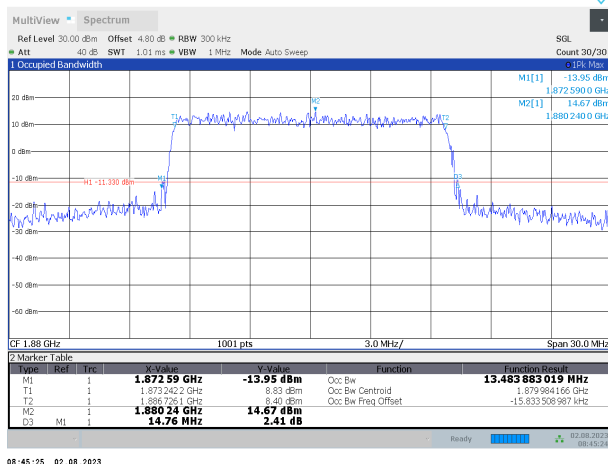
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Band2-15MHz-16QAM-18900-75RB#0



08:45:25 02.08.2023



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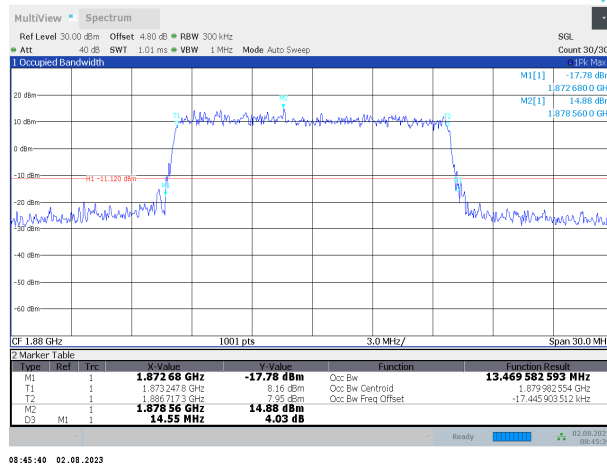


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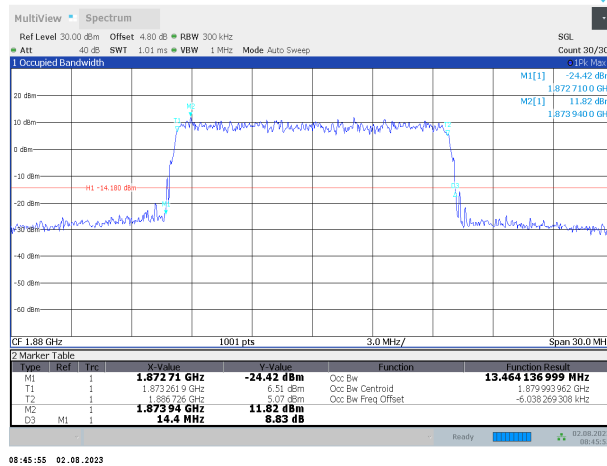
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Band2-15MHz-64QAM-18900-75RB#0



Band2-15MHz-256QAM-18900-75RB#0



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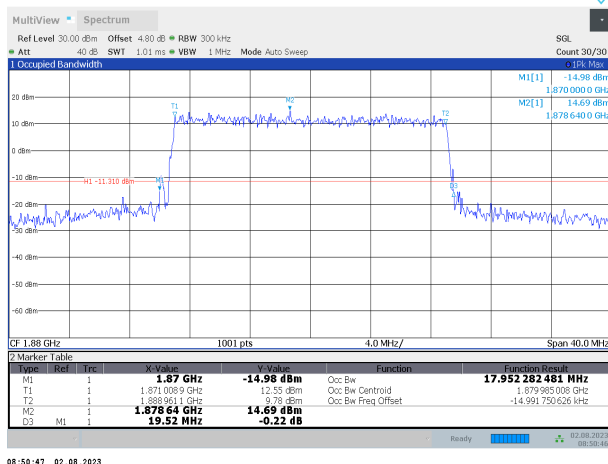


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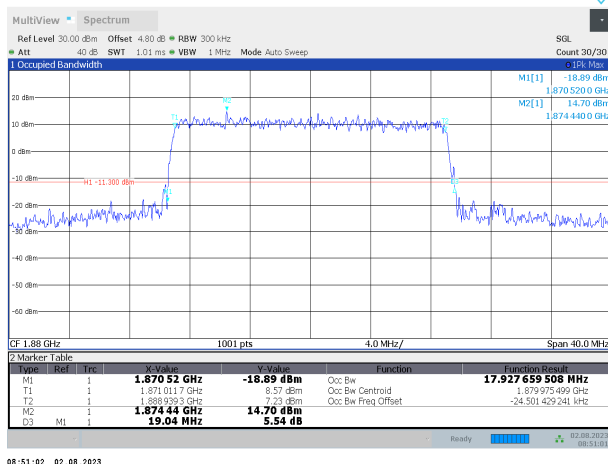
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Band2-20MHz-QPSK-18900-100RB#0



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

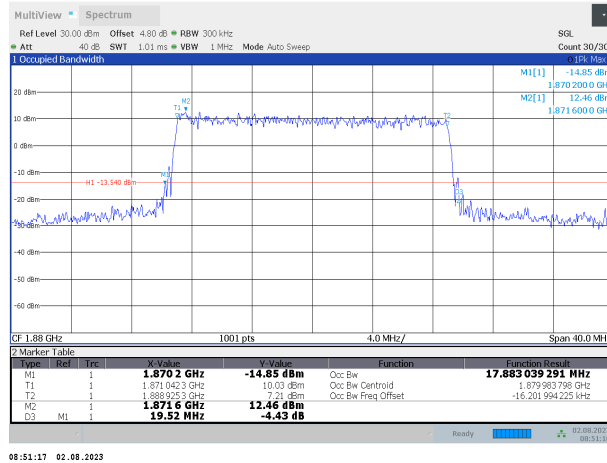


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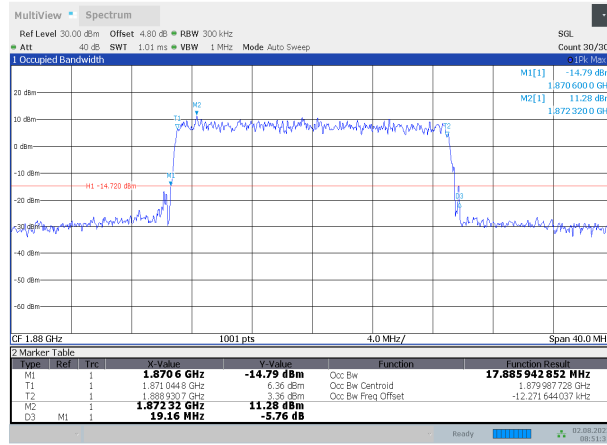
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Band2-20MHz-64QAM-18900-100RB#0



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



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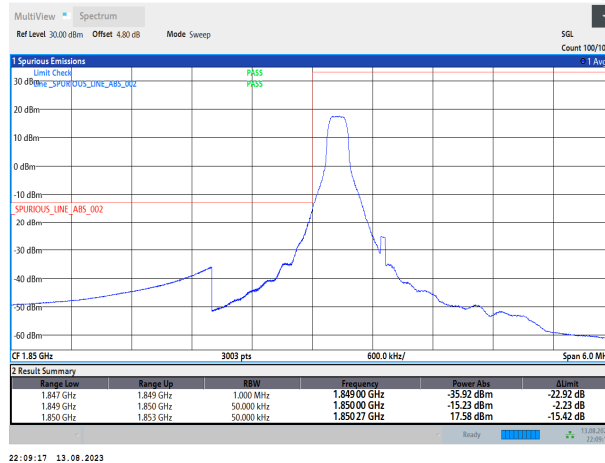
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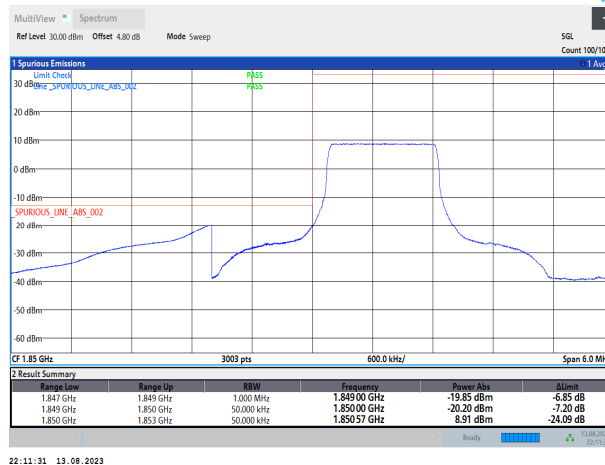
Band Edge

Test Graphs

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



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



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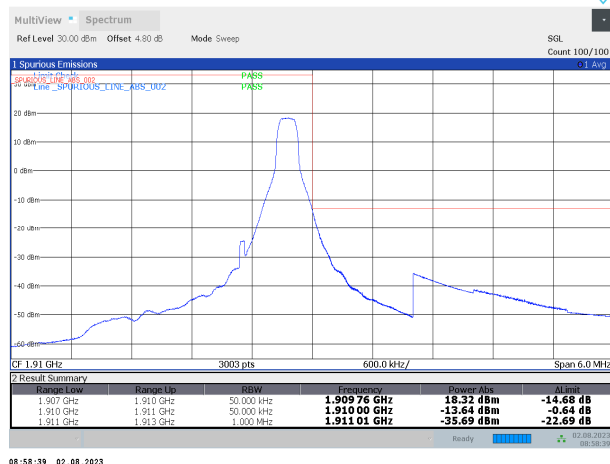


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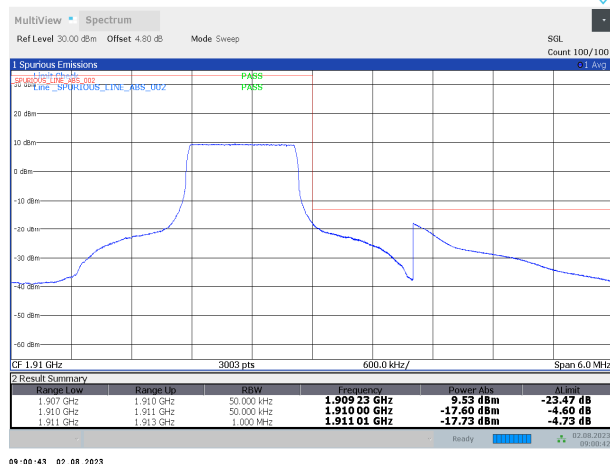
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Band2-1.4MHz-QPSK-19193-6RB#0



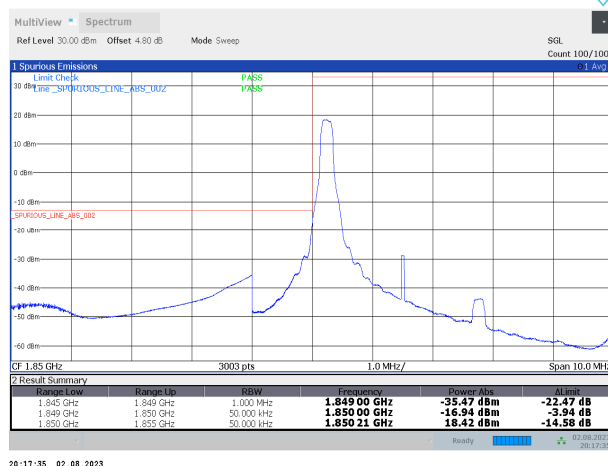


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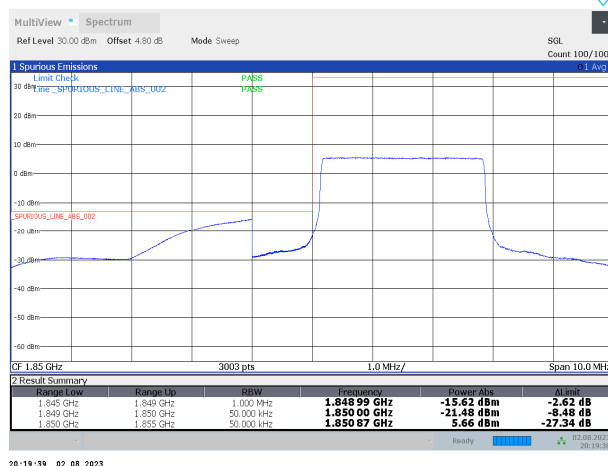
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Band2-3MHz-QPSK-18615-15RB#0



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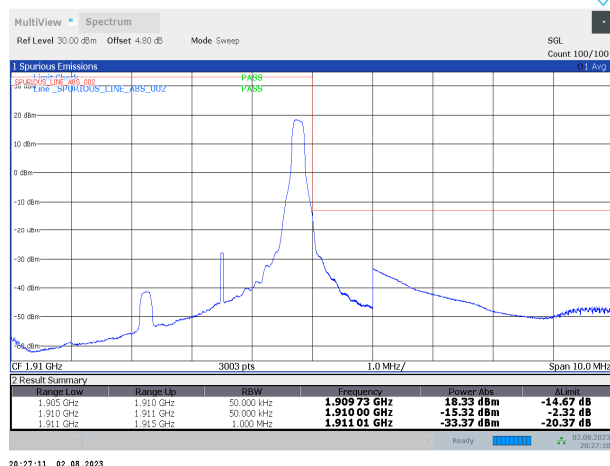


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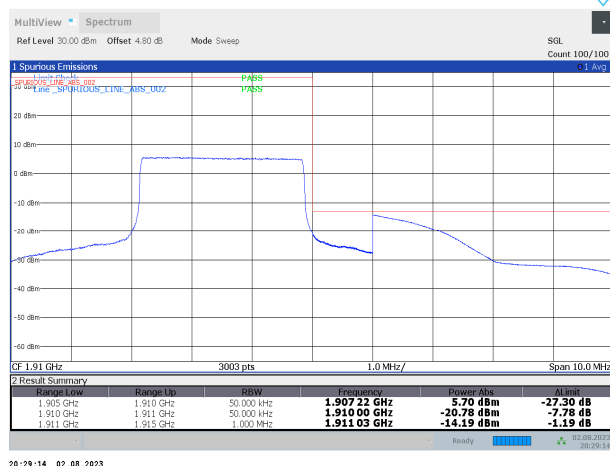
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Band2-3MHz-QPSK-19185-1RB#14



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



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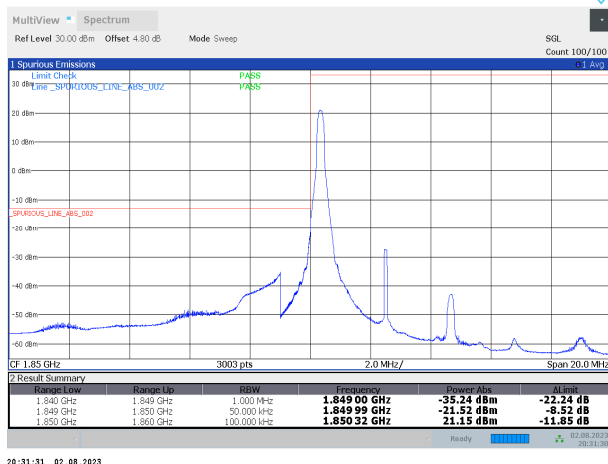


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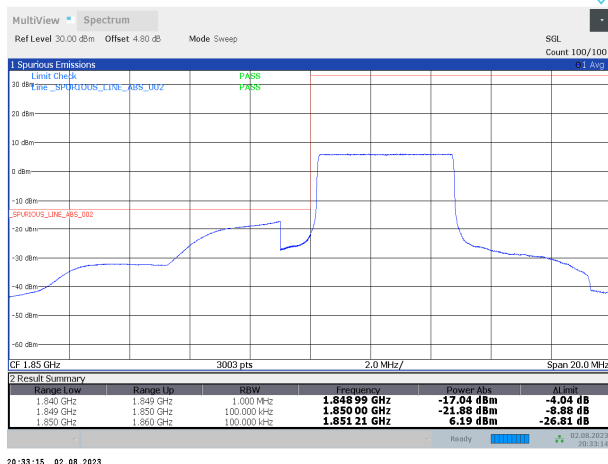
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Band2-5MHz-QPSK-18625-1RB#0



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



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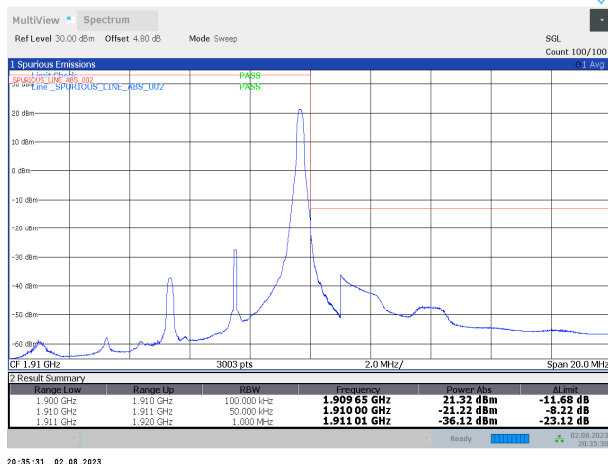


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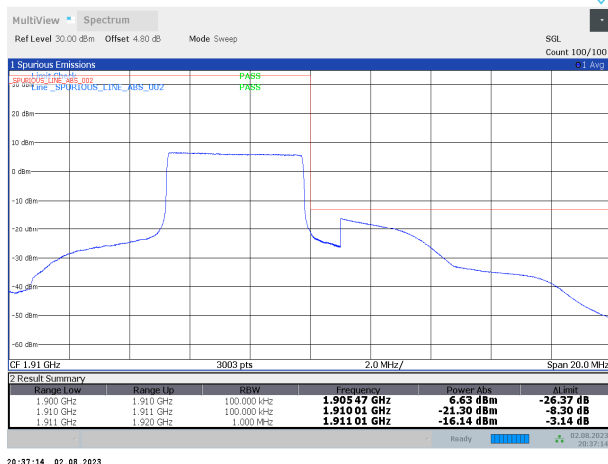
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Band2-5MHz-QPSK-19175-1RB#24



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



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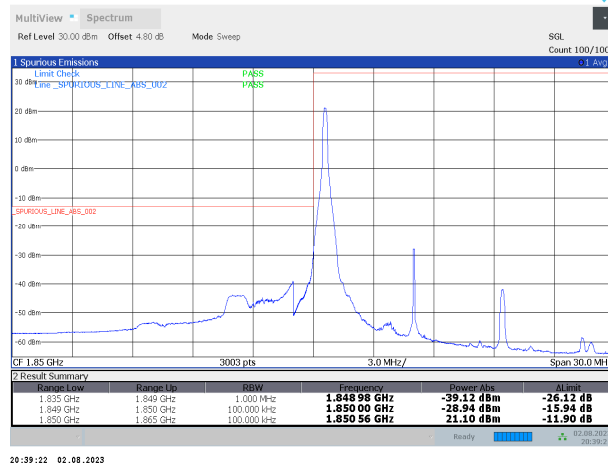


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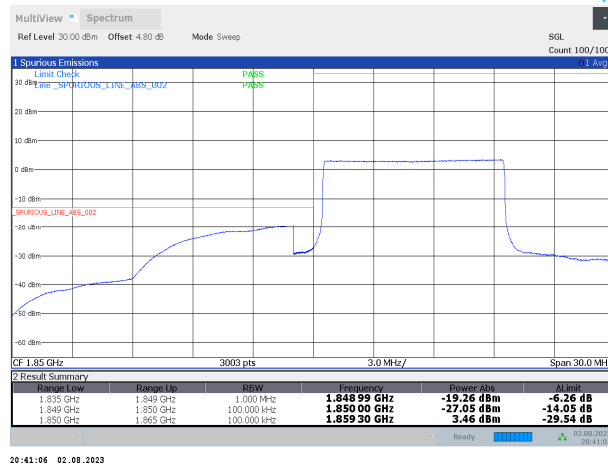
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Band2-10MHz-QPSK-18650-1RB#0



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



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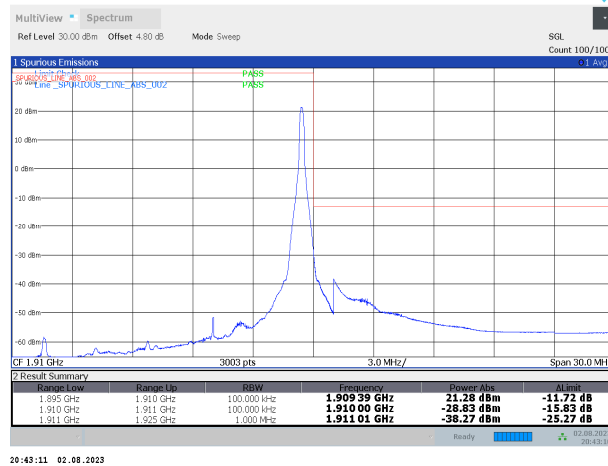


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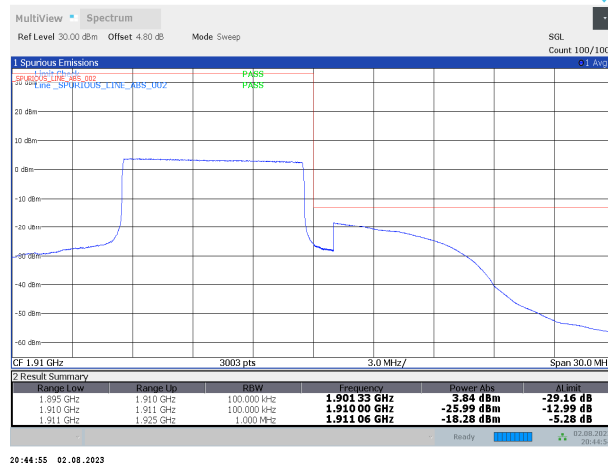
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Band2-10MHz-QPSK-19150-50RB#0



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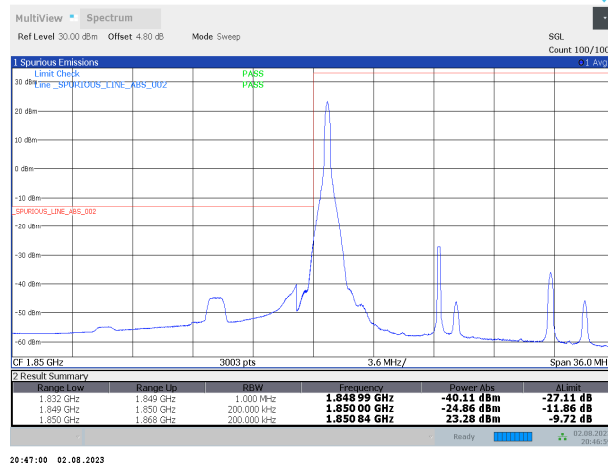


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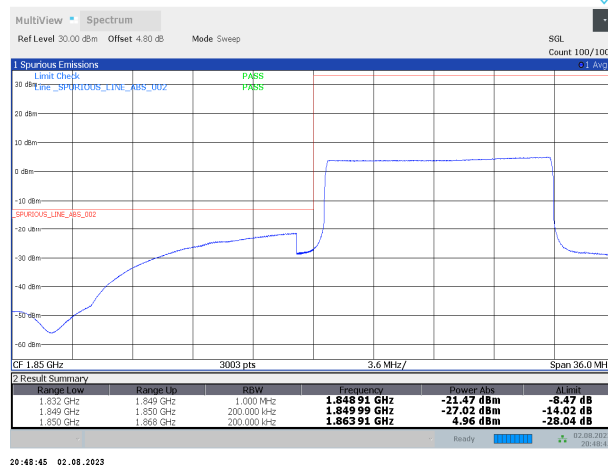
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Band2-15MHz-QPSK-18675-1RB#0



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



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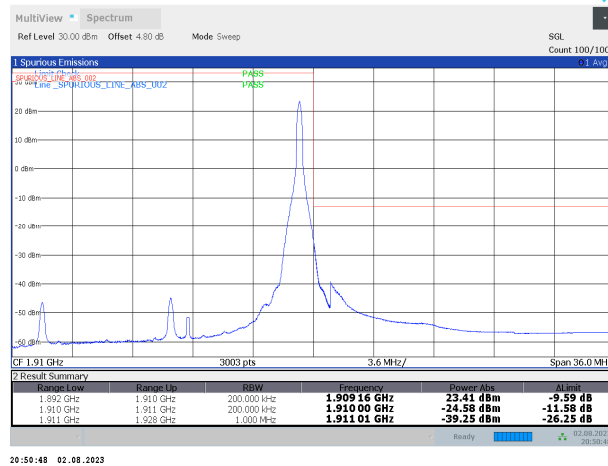


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Band2-15MHz-QPSK-19125-1RB#74



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



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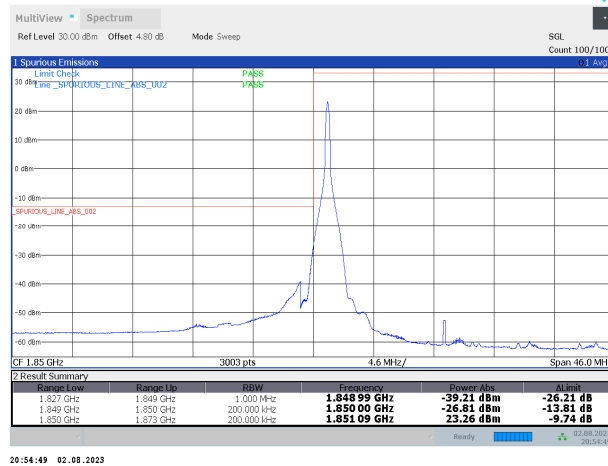


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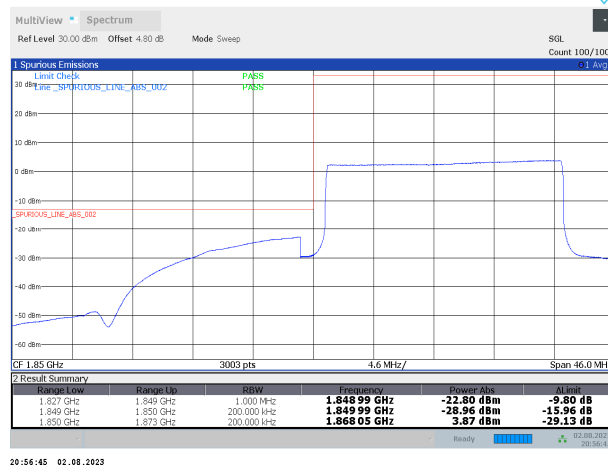
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Band2-20MHz-QPSK-18700-1RB#0



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



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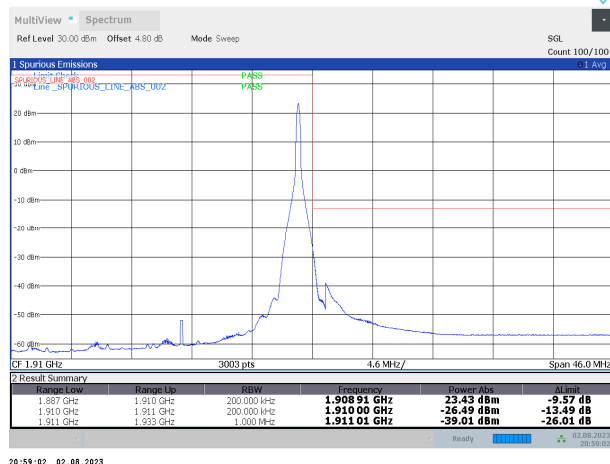
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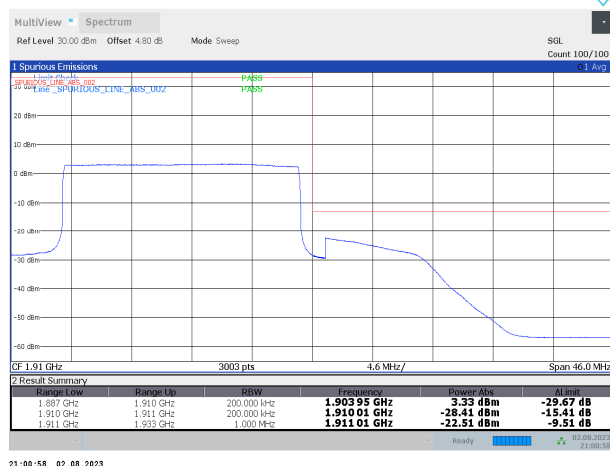


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Band2-20MHz-QPSK-19100-1RB#99



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



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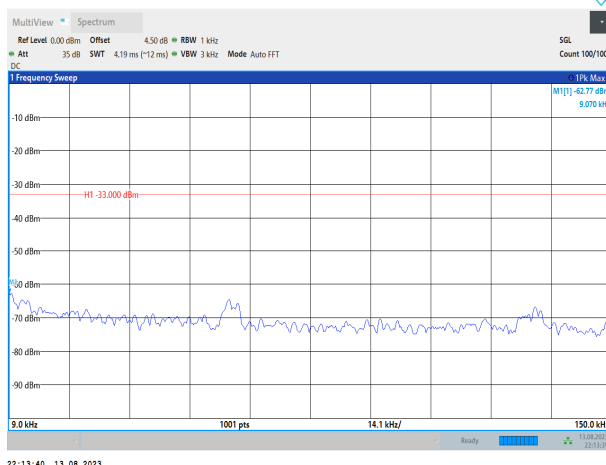
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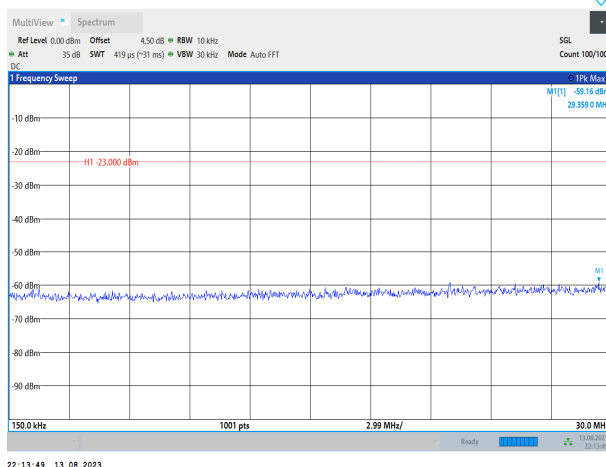
Conducted Spurious Emission

Test Graphs

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



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



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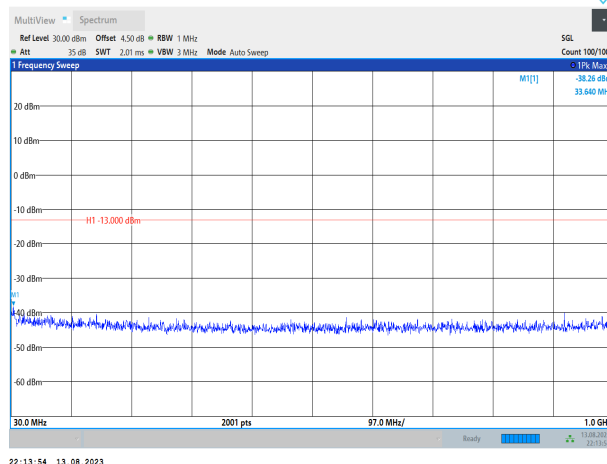
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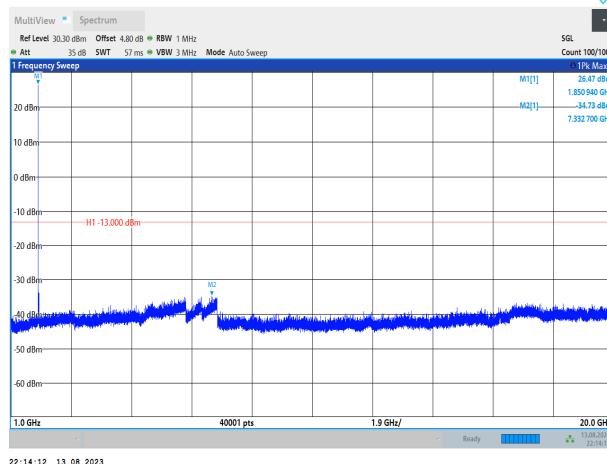


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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



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

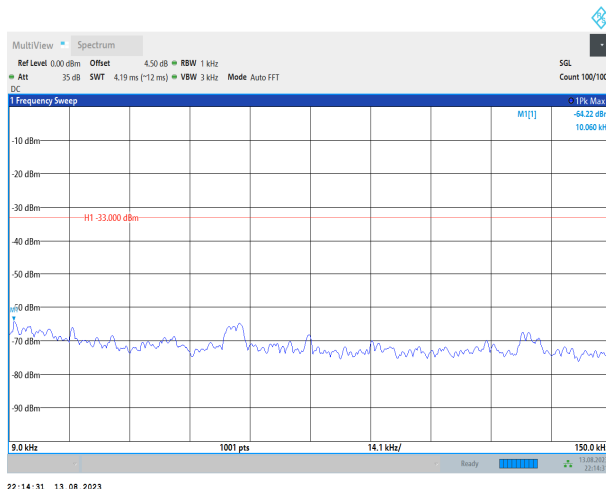


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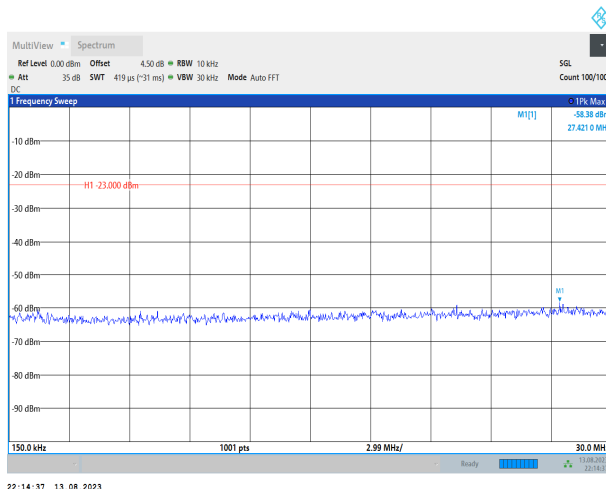
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Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



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



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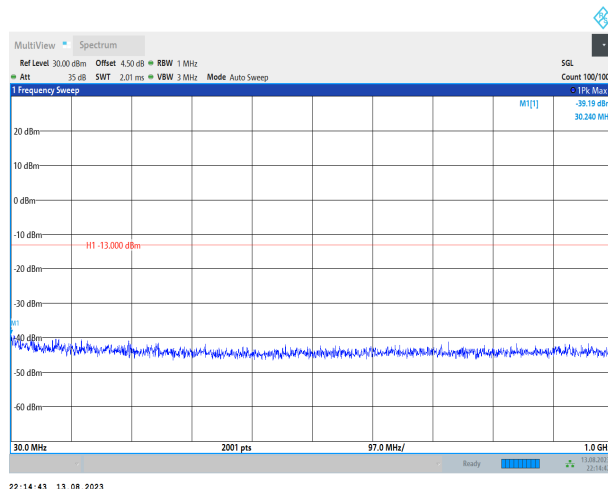


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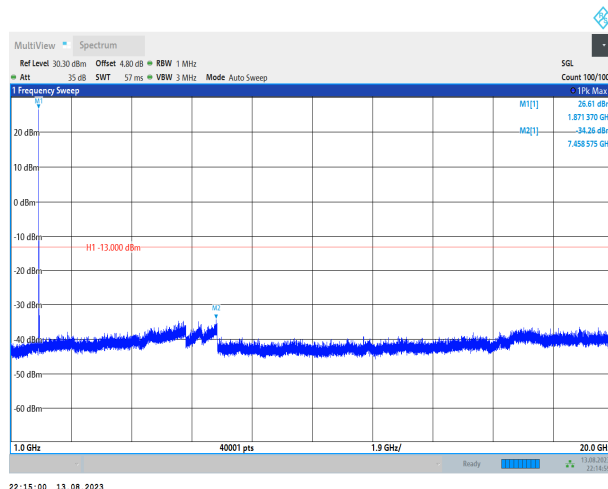
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Band2-20MHz-QPSK-18900-1RB#0-Range3:30~1000MHz



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



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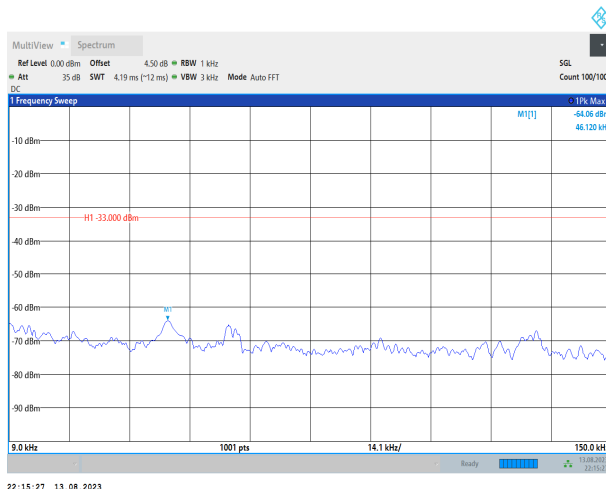


Report No.: SEWM2309000395RG01

Rev.: 01

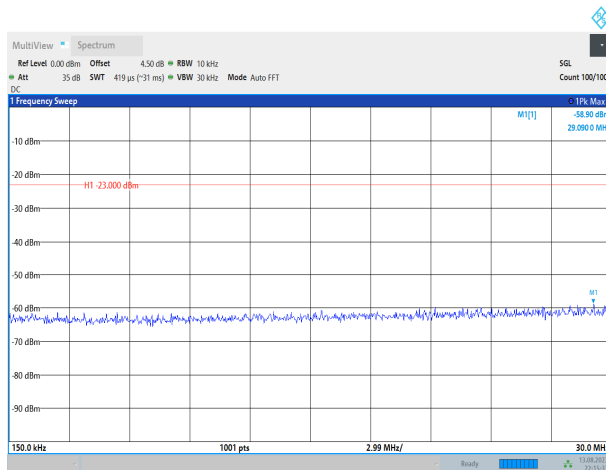
Page: 49 of 60

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



22:15:27 13.08.2023

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



22:15:34 13.08.2023



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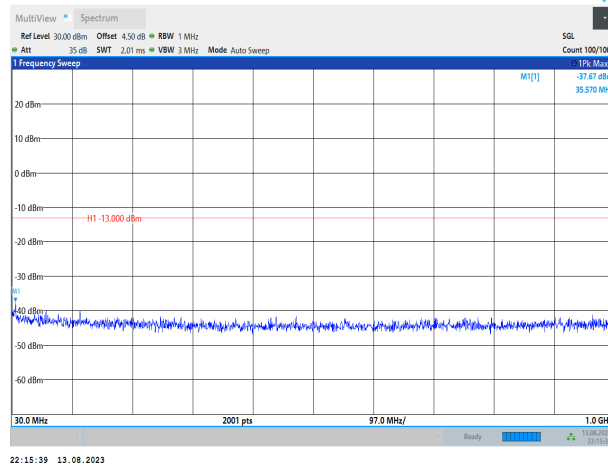


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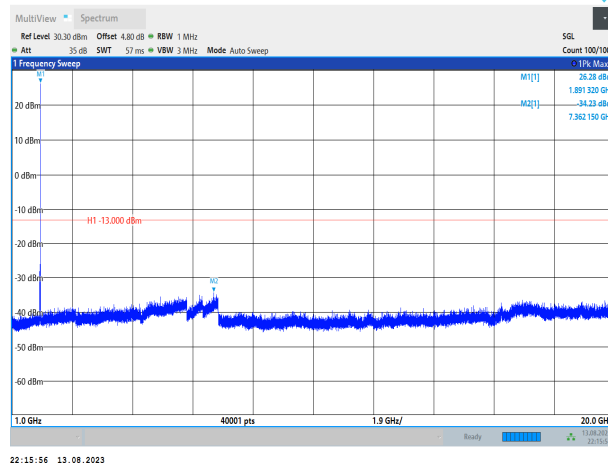
Rev.: 01

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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 Band2_ TM1

Test Channel = Low ANT3

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	40.26	-45.51	28.80	-71.71	-13.00	58.71	241	105	Horizontal
2	5553.2700	41.12	-45.15	32.61	-66.68	-13.00	53.68	153	213	Horizontal
3	7404.3600	39.29	-43.40	36.33	-63.03	-13.00	50.03	261	302	Horizontal
4	9255.4500	36.84	-40.23	36.79	-61.87	-13.00	48.87	154	332	Horizontal
5	11106.5400	33.01	-37.93	38.71	-61.47	-13.00	48.47	125	60	Horizontal
6	12957.6300	32.31	-37.24	39.09	-61.10	-13.00	48.10	145	4	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	40.54	-45.51	28.80	-71.43	-13.00	58.43	168	135	Vertical
2	5553.2700	40.68	-45.15	32.61	-67.12	-13.00	54.12	185	0	Vertical
3	7404.3600	39.59	-43.40	36.33	-62.73	-13.00	49.73	142	7	Vertical
4	9255.4500	36.38	-40.23	36.79	-62.33	-13.00	49.33	172	255	Vertical
5	11106.5400	33.70	-37.93	38.71	-60.78	-13.00	47.78	153	225	Vertical
6	12957.6300	32.30	-37.24	39.09	-61.11	-13.00	48.11	266	121	Vertical



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Test Band = LTE Band2_ TM1

Test Channel = Mid ANT3

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	40.57	-45.68	28.84	-71.53	-13.00	58.53	174	135	Horizontal
2	5613.2700	39.61	-45.04	32.62	-68.07	-13.00	55.07	156	359	Horizontal
3	7484.3600	39.13	-43.18	36.56	-62.75	-13.00	49.75	263	61	Horizontal
4	9355.4500	36.84	-40.00	36.98	-61.45	-13.00	48.45	251	271	Horizontal
5	11226.5400	33.87	-37.40	38.72	-60.07	-13.00	47.07	145	360	Horizontal
6	13097.6300	32.80	-37.01	39.28	-60.19	-13.00	47.19	189	284	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	40.78	-45.68	28.84	-71.32	-13.00	58.32	125	346	Vertical
2	5613.2700	39.94	-45.04	32.62	-67.74	-13.00	54.74	148	346	Vertical
3	7484.3600	38.89	-43.18	36.56	-62.99	-13.00	49.99	175	8	Vertical
4	9355.4500	36.39	-40.00	36.98	-61.90	-13.00	48.90	165	135	Vertical
5	11226.5400	34.26	-37.40	38.72	-59.68	-13.00	46.68	129	135	Vertical
6	13097.6300	33.22	-37.01	39.28	-59.77	-13.00	46.77	182	272	Vertical



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Test Band = LTE Band2_ TM1

Test Channel = High ANT3

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	42.04	-45.85	28.88	-70.18	-13.00	57.18	244	14	Horizontal
2	5673.2700	39.78	-44.91	32.63	-67.75	-13.00	54.75	145	60	Horizontal
3	7564.3600	38.09	-43.00	36.63	-63.55	-13.00	50.55	175	165	Horizontal
4	9455.4500	35.86	-40.05	37.17	-62.29	-13.00	49.29	126	270	Horizontal
5	11346.5400	33.33	-37.40	38.73	-60.59	-13.00	47.59	156	46	Horizontal
6	13237.6300	32.82	-37.08	39.53	-59.99	-13.00	46.99	192	134	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	41.80	-45.85	28.88	-70.42	-13.00	57.42	175	3	Vertical
2	5673.2700	40.11	-44.91	32.63	-67.42	-13.00	54.42	148	240	Vertical
3	7564.3600	38.27	-43.00	36.63	-63.37	-13.00	50.37	128	60	Vertical
4	9455.4500	36.35	-40.05	37.17	-61.80	-13.00	48.80	186	197	Vertical
5	11346.5400	33.39	-37.40	38.73	-60.53	-13.00	47.53	199	152	Vertical
6	13237.6300	32.70	-37.08	39.53	-60.11	-13.00	47.11	152	0	Vertical



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Test Band = LTE Band2_ TM1

Test Channel = Low ANT4

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	40.56	-45.51	28.80	-71.41	-13.00	58.41	244	360	Horizontal
2	5553.2700	40.96	-45.15	32.61	-66.84	-13.00	53.84	174	239	Horizontal
3	7404.3600	39.99	-43.40	36.33	-62.33	-13.00	49.33	153	360	Horizontal
4	9255.4500	35.76	-40.23	36.79	-62.95	-13.00	49.95	261	28	Horizontal
5	11106.5400	33.62	-37.93	38.71	-60.86	-13.00	47.86	144	359	Horizontal
6	12957.6300	32.60	-37.24	39.09	-60.81	-13.00	47.81	182	88	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	41.31	-45.51	28.80	-70.66	-13.00	57.66	241	44	Vertical
2	5553.2700	40.45	-45.15	32.61	-67.35	-13.00	54.35	156	133	Vertical
3	7404.3600	40.46	-43.40	36.33	-61.86	-13.00	48.86	236	16	Vertical
4	9255.4500	36.67	-40.23	36.79	-62.04	-13.00	49.04	255	301	Vertical
5	11106.5400	34.28	-37.93	38.71	-60.20	-13.00	47.20	188	44	Vertical
6	12957.6300	33.06	-37.24	39.09	-60.35	-13.00	47.35	196	16	Vertical



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Test Band = LTE Band2_ TM1

Test Channel = Mid ANT4

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	40.78	-45.68	28.84	-71.32	-13.00	58.32	244	212	Horizontal
2	5613.2700	39.61	-45.04	32.62	-68.07	-13.00	55.07	178	316	Horizontal
3	7484.3600	39.23	-43.18	36.56	-62.65	-13.00	49.65	186	242	Horizontal
4	9355.4500	38.45	-40.00	36.98	-59.84	-13.00	46.84	251	271	Horizontal
5	11226.5400	34.62	-37.40	38.72	-59.32	-13.00	46.32	145	226	Horizontal
6	13097.6300	33.18	-37.01	39.28	-59.81	-13.00	46.81	196	271	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	40.76	-45.68	28.84	-71.34	-13.00	58.34	244	0	Vertical
2	5613.2700	39.80	-45.04	32.62	-67.88	-13.00	54.88	126	136	Vertical
3	7484.3600	39.12	-43.18	36.56	-62.76	-13.00	49.76	258	0	Vertical
4	9355.4500	36.97	-40.00	36.98	-61.32	-13.00	48.32	147	151	Vertical
5	11226.5400	34.92	-37.40	38.72	-59.02	-13.00	46.02	186	182	Vertical
6	13097.6300	32.64	-37.01	39.28	-60.35	-13.00	47.35	163	0	Vertical



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Test Band = LTE Band2_ TM1

Test Channel = High ANT4

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	41.42	-45.85	28.88	-70.80	-13.00	57.80	244	46	Horizontal
2	5673.2700	39.83	-44.91	32.63	-67.70	-13.00	54.70	163	257	Horizontal
3	7564.3600	38.74	-43.00	36.63	-62.90	-13.00	49.90	256	91	Horizontal
4	9455.4500	36.14	-40.05	37.17	-62.01	-13.00	49.01	175	121	Horizontal
5	11346.5400	32.89	-37.40	38.73	-61.03	-13.00	48.03	158	31	Horizontal
6	13237.6300	32.29	-37.08	39.53	-60.52	-13.00	47.52	192	135	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	41.15	-45.85	28.88	-71.07	-13.00	58.07	144	255	Vertical
2	5673.2700	40.00	-44.91	32.63	-67.53	-13.00	54.53	172	255	Vertical
3	7564.3600	38.02	-43.00	36.63	-63.62	-13.00	50.62	153	356	Vertical
4	9455.4500	36.18	-40.05	37.17	-61.97	-13.00	48.97	261	315	Vertical
5	11346.5400	33.52	-37.40	38.73	-60.40	-13.00	47.40	159	43	Vertical
6	13237.6300	32.37	-37.08	39.53	-60.44	-13.00	47.44	196	43	Vertical



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Test Band = LTE 2A_4A_TM1

Test Channel = Low

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	41.36	-46.28	28.55	-71.62	-13.00	58.62	258	155	Horizontal
2	3702.1800	40.40	-45.51	28.80	-71.57	-13.00	58.57	174	155	Horizontal
3	5133.2700	39.84	-45.34	31.72	-69.04	-13.00	56.04	186	10	Horizontal
4	5553.2700	41.12	-45.15	32.61	-66.68	-13.00	53.68	136	222	Horizontal
5	6844.3600	39.42	-44.14	34.92	-65.06	-13.00	52.06	261	189	Horizontal
6	7404.3600	38.99	-43.40	36.33	-63.33	-13.00	50.33	154	256	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	41.02	-46.28	28.55	-71.96	-13.00	58.96	155	356	Vertical
2	3702.1800	40.92	-45.51	28.80	-71.05	-13.00	58.05	186	58	Vertical
3	5133.2700	39.73	-45.34	31.72	-69.15	-13.00	56.15	196	274	Vertical
4	5553.2700	40.61	-45.15	32.61	-67.19	-13.00	54.19	175	48	Vertical
5	6844.3600	39.38	-44.14	34.92	-65.10	-13.00	52.10	142	253	Vertical
6	7404.3600	39.52	-43.40	36.33	-62.80	-13.00	49.80	123	219	Vertical



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Test Band = LTE 2A_4A_TM1

Test Channel = Mid

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.1800	41.40	-46.27	28.57	-71.56	-13.00	58.56	155	52	Horizontal
2	3742.1800	40.70	-45.68	28.84	-71.40	-13.00	58.40	169	75	Horizontal
3	5170.7700	40.16	-45.31	31.81	-68.59	-13.00	55.59	148	324	Horizontal
4	5613.2700	39.89	-45.04	32.62	-67.79	-13.00	54.79	172	200	Horizontal
5	6894.3600	39.26	-44.10	35.01	-65.09	-13.00	52.09	153	64	Horizontal
6	7484.3600	38.11	-43.18	36.56	-63.77	-13.00	50.77	263	75	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.1800	41.96	-46.27	28.57	-71.00	-13.00	58.00	244	4	Vertical
2	3742.1800	41.19	-45.68	28.84	-70.91	-13.00	57.91	156	4	Vertical
3	5170.7700	40.85	-45.31	31.81	-67.90	-13.00	54.90	188	240	Vertical
4	5613.2700	40.43	-45.04	32.62	-67.25	-13.00	54.25	174	251	Vertical
5	6894.3600	39.58	-44.10	35.01	-64.77	-13.00	51.77	196	360	Vertical
6	7484.3600	38.70	-43.18	36.56	-63.18	-13.00	50.18	163	173	Vertical



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Test Band = LTE 2A_4A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	41.82	-46.27	28.58	-71.12	-13.00	58.12	244	5	Horizontal
2	3782.1800	40.95	-45.85	28.88	-71.27	-13.00	58.27	153	19	Horizontal
3	5208.2700	40.69	-45.26	31.90	-67.93	-13.00	54.93	216	155	Horizontal
4	5673.2700	40.16	-44.91	32.63	-67.37	-13.00	54.37	175	212	Horizontal
5	6944.3600	39.33	-43.85	35.10	-64.68	-13.00	51.68	143	302	Horizontal
6	7564.3600	38.19	-43.00	36.63	-63.45	-13.00	50.45	233	132	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	42.03	-46.27	28.58	-70.91	-13.00	57.91	188	189	Vertical
2	3782.1800	41.17	-45.85	28.88	-71.05	-13.00	58.05	174	282	Vertical
3	5208.2700	40.67	-45.26	31.90	-67.95	-13.00	54.95	126	360	Vertical
4	5673.2700	39.73	-44.91	32.63	-67.80	-13.00	54.80	136	200	Vertical
5	6944.3600	39.49	-43.85	35.10	-64.52	-13.00	51.52	251	82	Vertical
6	7564.3600	38.45	-43.00	36.63	-63.19	-13.00	50.19	159	200	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) - Preamp (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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t (86-512) 62992980 www.sgs.com.cn
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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	-1.40	-0.000745	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-2.80	-0.001489	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-7.00	-0.003723	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-1.30	-0.000691	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	3.50	0.003777	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-2.90	-0.001543	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-1.90	-0.001011	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	19.30	0.010266	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-2.40	-0.001277	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-2.10	-0.001117	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	4.10	0.006117	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-0.30	-0.000160	PASS

---End of Attachment---



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