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# Appendix B.3

## LTE Band 2



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## Effective (Isotropic) Radiated Power Output Data

### Test Result

ANT2

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	24.72	22.42	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	24.88	22.58	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	24.71	22.41	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	23.89	21.59	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	24.68	22.38	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	24.70	22.40	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	24.65	22.35	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	23.70	21.40	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	24.57	22.27	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	24.60	22.30	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	24.68	22.38	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	23.60	21.30	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	23.90	21.60	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.96	21.66	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	23.92	21.62	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	22.85	20.55	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.86	21.56	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.82	21.52	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	23.78	21.48	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.72	20.42	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	24.02	21.72	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.84	21.54	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	23.85	21.55	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.63	20.33	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	22.95	20.65	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	23.04	20.74	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	22.97	20.67	33.00	PASS



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Band2	1.4MHz	64QAM	18607	6RB#0	21.81	19.51	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	22.69	20.39	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	23.23	20.93	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	22.97	20.67	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	21.79	19.49	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	22.76	20.46	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	23.38	21.08	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	22.79	20.49	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	21.70	19.40	33.00	PASS
Band2	1.4MHz	256QAM	18607	1RB#0	19.96	17.66	33.00	PASS
Band2	1.4MHz	256QAM	18607	1RB#2	19.90	17.60	33.00	PASS
Band2	1.4MHz	256QAM	18607	1RB#5	19.68	17.38	33.00	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	19.79	17.49	33.00	PASS
Band2	1.4MHz	256QAM	18900	1RB#0	19.74	17.44	33.00	PASS
Band2	1.4MHz	256QAM	18900	1RB#2	19.88	17.58	33.00	PASS
Band2	1.4MHz	256QAM	18900	1RB#5	19.74	17.44	33.00	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	19.76	17.46	33.00	PASS
Band2	1.4MHz	256QAM	19193	1RB#0	19.88	17.58	33.00	PASS
Band2	1.4MHz	256QAM	19193	1RB#2	19.88	17.58	33.00	PASS
Band2	1.4MHz	256QAM	19193	1RB#5	19.87	17.57	33.00	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	19.68	17.38	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	24.77	22.47	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	24.78	22.48	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	24.69	22.39	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	23.87	21.57	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	24.58	22.28	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	24.64	22.34	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	24.60	22.30	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	23.66	21.36	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	24.55	22.25	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	24.67	22.37	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	24.55	22.25	33.00	PASS



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Band2	3MHz	QPSK	19185	15RB#0	23.62	21.32	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.84	21.54	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	24.01	21.71	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	23.81	21.51	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	22.85	20.55	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.61	21.31	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	23.92	21.62	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	23.78	21.48	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	22.70	20.40	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.69	21.39	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.82	21.52	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	23.69	21.39	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.62	20.32	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	23.00	20.70	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	23.20	20.90	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	23.11	20.81	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	21.85	19.55	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	22.72	20.42	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	22.98	20.68	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	22.73	20.43	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	21.68	19.38	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	22.76	20.46	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	22.96	20.66	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	22.83	20.53	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	21.59	19.29	33.00	PASS
Band2	3MHz	256QAM	18615	1RB#0	19.88	17.58	33.00	PASS
Band2	3MHz	256QAM	18615	1RB#8	19.85	17.55	33.00	PASS
Band2	3MHz	256QAM	18615	1RB#14	20.02	17.72	33.00	PASS
Band2	3MHz	256QAM	18615	15RB#0	19.84	17.54	33.00	PASS
Band2	3MHz	256QAM	18900	1RB#0	19.75	17.45	33.00	PASS
Band2	3MHz	256QAM	18900	1RB#8	19.86	17.56	33.00	PASS
Band2	3MHz	256QAM	18900	1RB#14	19.77	17.47	33.00	PASS



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Band2	3MHz	256QAM	18900	15RB#0	19.64	17.34	33.00	PASS
Band2	3MHz	256QAM	19185	1RB#0	19.88	17.58	33.00	PASS
Band2	3MHz	256QAM	19185	1RB#8	20.08	17.78	33.00	PASS
Band2	3MHz	256QAM	19185	1RB#14	19.87	17.57	33.00	PASS
Band2	3MHz	256QAM	19185	15RB#0	19.70	17.40	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	24.82	22.52	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	24.92	22.62	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	24.77	22.47	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	23.84	21.54	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	24.67	22.37	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	24.81	22.51	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	24.63	22.33	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	23.67	21.37	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	24.55	22.25	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	24.65	22.35	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	24.67	22.37	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	23.65	21.35	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	23.89	21.59	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	24.00	21.70	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	23.98	21.68	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.88	20.58	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.79	21.49	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	24.02	21.72	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	23.79	21.49	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.70	20.40	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.65	21.35	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.77	21.47	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.60	21.30	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.61	20.31	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	23.00	20.70	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	23.12	20.82	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	22.97	20.67	33.00	PASS



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Band2	5MHz	64QAM	18625	25RB#0	21.79	19.49	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	22.79	20.49	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	22.75	20.45	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	22.90	20.60	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	21.75	19.45	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	22.73	20.43	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	23.00	20.70	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	22.89	20.59	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	21.64	19.34	33.00	PASS
Band2	5MHz	256QAM	18625	1RB#0	20.09	17.79	33.00	PASS
Band2	5MHz	256QAM	18625	1RB#12	19.99	17.69	33.00	PASS
Band2	5MHz	256QAM	18625	1RB#24	19.88	17.58	33.00	PASS
Band2	5MHz	256QAM	18625	25RB#0	19.84	17.54	33.00	PASS
Band2	5MHz	256QAM	18900	1RB#0	19.68	17.38	33.00	PASS
Band2	5MHz	256QAM	18900	1RB#12	19.81	17.51	33.00	PASS
Band2	5MHz	256QAM	18900	1RB#24	19.68	17.38	33.00	PASS
Band2	5MHz	256QAM	18900	25RB#0	19.65	17.35	33.00	PASS
Band2	5MHz	256QAM	19175	1RB#0	19.80	17.50	33.00	PASS
Band2	5MHz	256QAM	19175	1RB#12	19.99	17.69	33.00	PASS
Band2	5MHz	256QAM	19175	1RB#24	19.89	17.59	33.00	PASS
Band2	5MHz	256QAM	19175	25RB#0	19.67	17.37	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	24.73	22.43	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	24.82	22.52	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	24.70	22.40	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	23.84	21.54	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	24.58	22.28	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	24.78	22.48	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	24.71	22.41	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	23.70	21.40	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	24.64	22.34	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	24.71	22.41	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	24.59	22.29	33.00	PASS



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Band2	10MHz	QPSK	19150	50RB#0	23.63	21.33	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.85	21.55	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.83	21.53	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.92	21.62	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	22.87	20.57	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.76	21.46	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.75	21.45	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.94	21.64	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	22.67	20.37	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.98	21.68	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.78	21.48	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	23.84	21.54	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.72	20.42	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	23.08	20.78	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	23.00	20.70	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	23.02	20.72	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	21.83	19.53	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	22.88	20.58	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	22.90	20.60	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	22.85	20.55	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	21.68	19.38	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	22.72	20.42	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	22.92	20.62	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	22.97	20.67	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	21.61	19.31	33.00	PASS
Band2	10MHz	256QAM	18650	1RB#0	19.71	17.41	33.00	PASS
Band2	10MHz	256QAM	18650	1RB#24	20.01	17.71	33.00	PASS
Band2	10MHz	256QAM	18650	1RB#49	19.72	17.42	33.00	PASS
Band2	10MHz	256QAM	18650	50RB#0	19.85	17.55	33.00	PASS
Band2	10MHz	256QAM	18900	1RB#0	19.64	17.34	33.00	PASS
Band2	10MHz	256QAM	18900	1RB#24	19.85	17.55	33.00	PASS
Band2	10MHz	256QAM	18900	1RB#49	19.78	17.48	33.00	PASS



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Wireless Laboratory

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

Band2	10MHz	256QAM	18900	50RB#0	19.70	17.40	33.00	PASS
Band2	10MHz	256QAM	19150	1RB#0	19.76	17.46	33.00	PASS
Band2	10MHz	256QAM	19150	1RB#24	19.92	17.62	33.00	PASS
Band2	10MHz	256QAM	19150	1RB#49	19.80	17.50	33.00	PASS
Band2	10MHz	256QAM	19150	50RB#0	19.68	17.38	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	24.60	22.30	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	24.68	22.38	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	24.60	22.30	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	23.72	21.42	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	24.53	22.23	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	24.47	22.17	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	24.43	22.13	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	23.55	21.25	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	24.45	22.15	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	24.43	22.13	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	24.35	22.05	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	23.52	21.22	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.60	21.30	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.77	21.47	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.56	21.26	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	22.76	20.46	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.24	20.94	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.71	21.41	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.85	21.55	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	22.57	20.27	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.59	21.29	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.35	21.05	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.77	21.47	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	22.55	20.25	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	22.62	20.32	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	22.79	20.49	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	22.65	20.35	33.00	PASS



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Band2	15MHz	64QAM	18675	75RB#0	21.86	19.56	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	22.42	20.12	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	22.71	20.41	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	22.59	20.29	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	21.55	19.25	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	22.74	20.44	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	22.61	20.31	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	22.38	20.08	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	21.44	19.14	33.00	PASS
Band2	15MHz	256QAM	18675	1RB#0	19.40	17.10	33.00	PASS
Band2	15MHz	256QAM	18675	1RB#38	19.79	17.49	33.00	PASS
Band2	15MHz	256QAM	18675	1RB#74	19.59	17.29	33.00	PASS
Band2	15MHz	256QAM	18675	75RB#0	19.70	17.40	33.00	PASS
Band2	15MHz	256QAM	18900	1RB#0	19.63	17.33	33.00	PASS
Band2	15MHz	256QAM	18900	1RB#38	19.69	17.39	33.00	PASS
Band2	15MHz	256QAM	18900	1RB#74	19.54	17.24	33.00	PASS
Band2	15MHz	256QAM	18900	75RB#0	19.47	17.17	33.00	PASS
Band2	15MHz	256QAM	19125	1RB#0	19.48	17.18	33.00	PASS
Band2	15MHz	256QAM	19125	1RB#38	19.69	17.39	33.00	PASS
Band2	15MHz	256QAM	19125	1RB#74	19.74	17.44	33.00	PASS
Band2	15MHz	256QAM	19125	75RB#0	19.58	17.28	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	24.75	22.45	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	24.62	22.32	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	24.48	22.18	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	23.64	21.34	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	24.55	22.25	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	24.45	22.15	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	24.40	22.10	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	23.62	21.32	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	24.47	22.17	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	24.43	22.13	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	24.44	22.14	33.00	PASS



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Band2	20MHz	QPSK	19100	100RB#0	23.61	21.31	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.43	21.13	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.97	21.67	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.58	21.28	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	22.70	20.40	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	24.06	21.76	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.85	21.55	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.42	21.12	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	22.56	20.26	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.30	21.00	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.60	21.30	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.53	21.23	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	22.64	20.34	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	22.64	20.34	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	23.12	20.82	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	22.66	20.36	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	21.61	19.31	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	22.44	20.14	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	22.80	20.50	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	22.75	20.45	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	21.58	19.28	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	22.56	20.26	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	23.69	21.39	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	22.29	19.99	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	21.64	19.34	33.00	PASS
Band2	20MHz	256QAM	18700	1RB#0	19.68	17.38	33.00	PASS
Band2	20MHz	256QAM	18700	1RB#49	19.52	17.22	33.00	PASS
Band2	20MHz	256QAM	18700	1RB#99	19.68	17.38	33.00	PASS
Band2	20MHz	256QAM	18700	100RB#0	19.63	17.33	33.00	PASS
Band2	20MHz	256QAM	18900	1RB#0	19.37	17.07	33.00	PASS
Band2	20MHz	256QAM	18900	1RB#49	19.73	17.43	33.00	PASS
Band2	20MHz	256QAM	18900	1RB#99	19.84	17.54	33.00	PASS



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Rev.: 01

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Band2	20MHz	256QAM	18900	100RB#0	19.56	17.26	33.00	PASS
Band2	20MHz	256QAM	19100	1RB#0	19.67	17.37	33.00	PASS
Band2	20MHz	256QAM	19100	1RB#49	19.68	17.38	33.00	PASS
Band2	20MHz	256QAM	19100	1RB#99	19.61	17.31	33.00	PASS
Band2	20MHz	256QAM	19100	100RB#0	19.64	17.34	33.00	PASS



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## Peak-to-Average Ratio(CCDF)

### Test Result

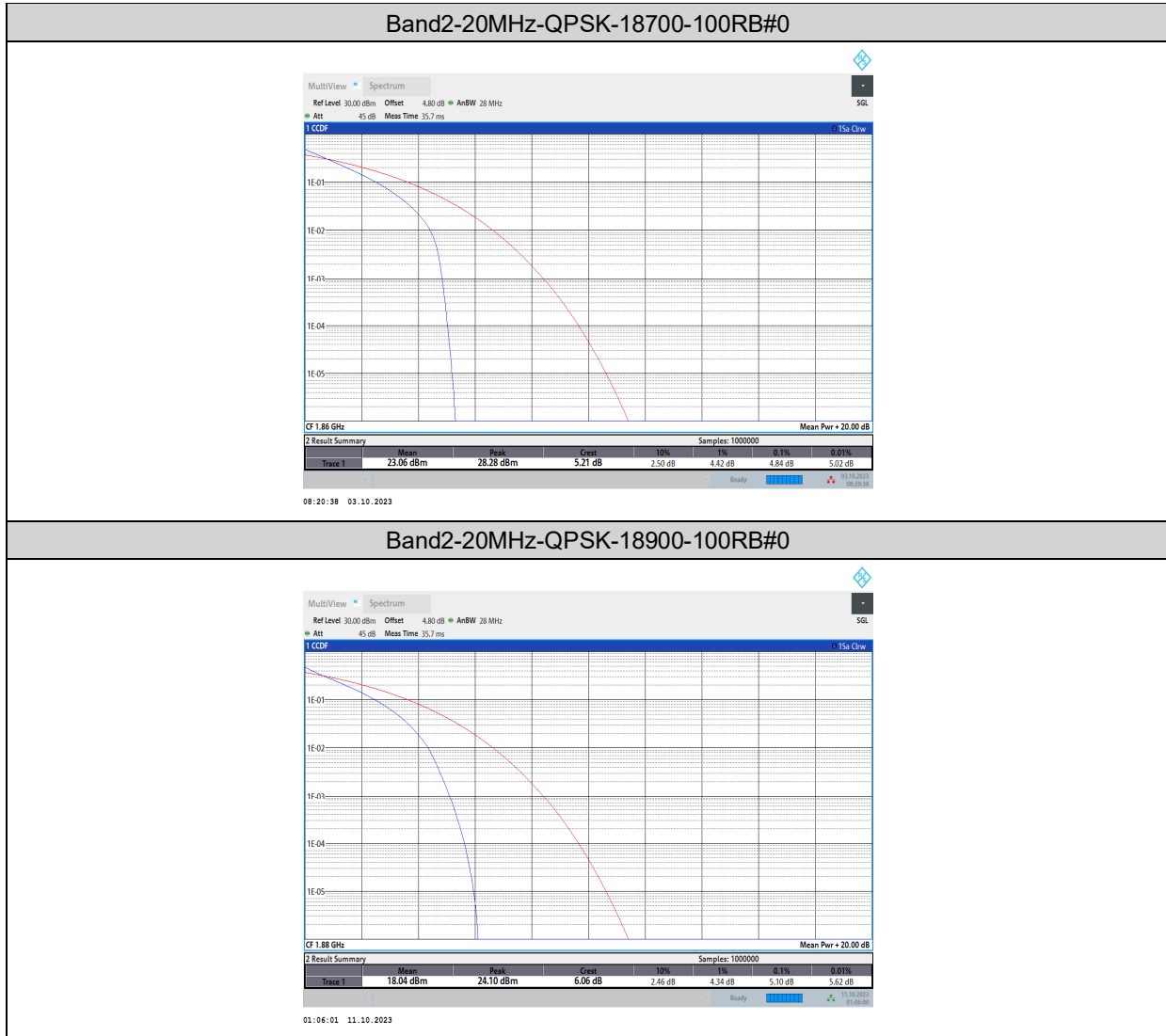
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	4.84	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.10	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.18	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.82	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.74	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.80	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.36	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.48	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.42	13	PASS
Band2	20MHz	256QAM	18700	100RB#0	6.62	13	PASS
Band2	20MHz	256QAM	18900	100RB#0	6.62	13	PASS
Band2	20MHz	256QAM	19100	100RB#0	6.66	13	PASS



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Test Graphs



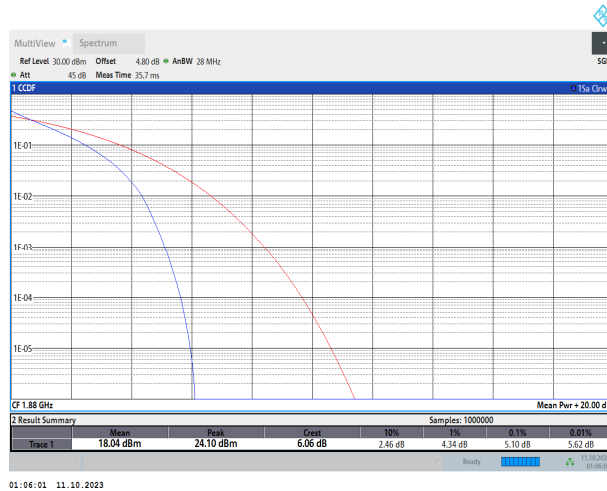
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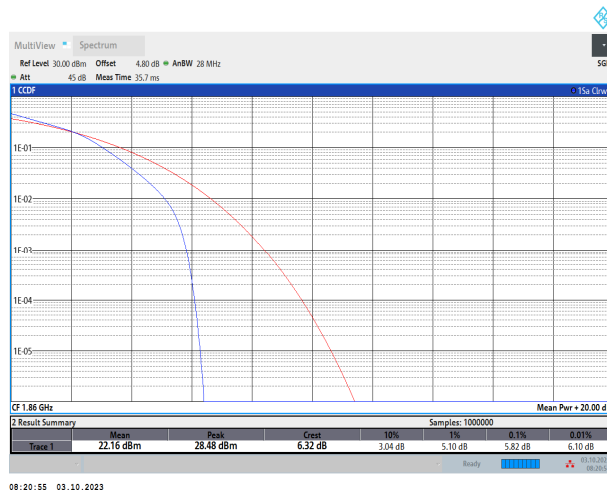
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Band2-20MHz-QPSK-19100-100RB#0



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

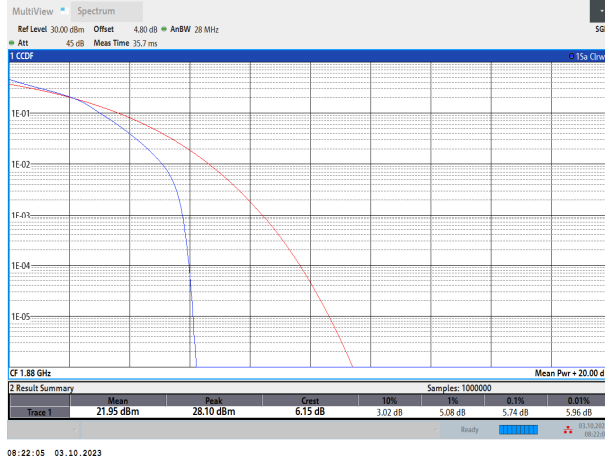


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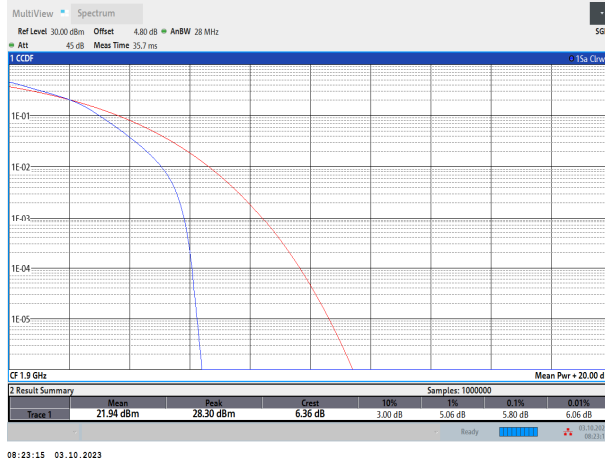
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Band2-20MHz-16QAM-18900-100RB#0



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



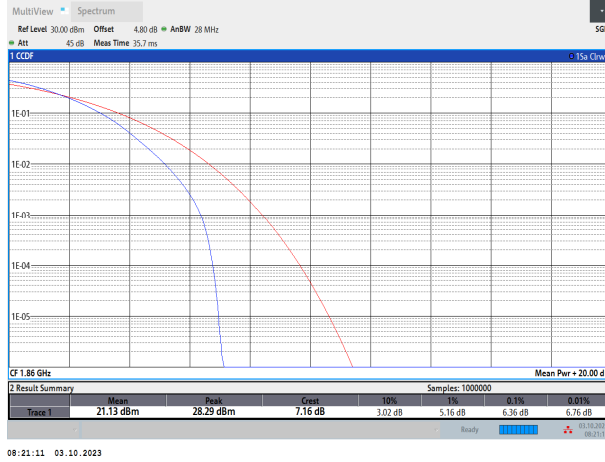
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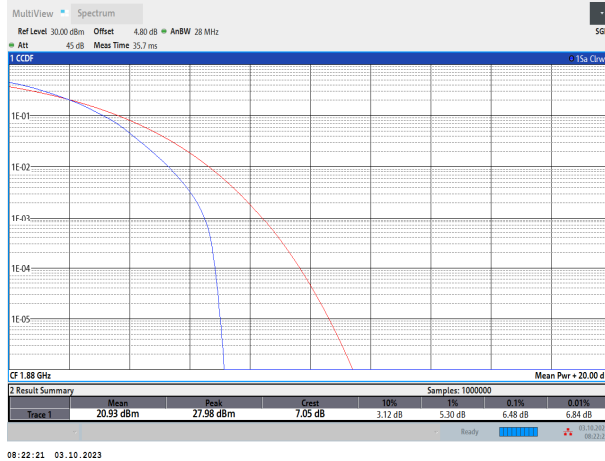
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Band2-20MHz-64QAM-18700-100RB#0



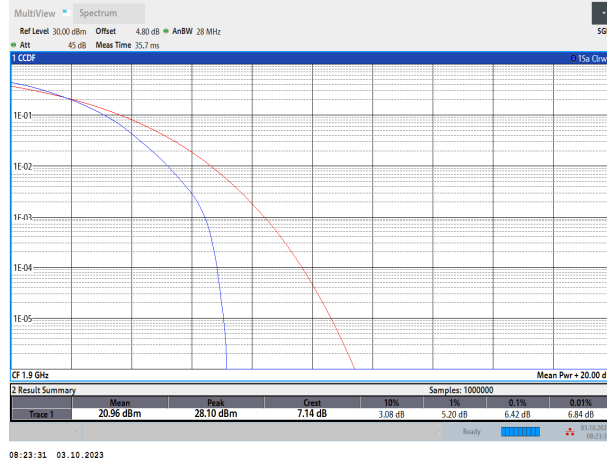
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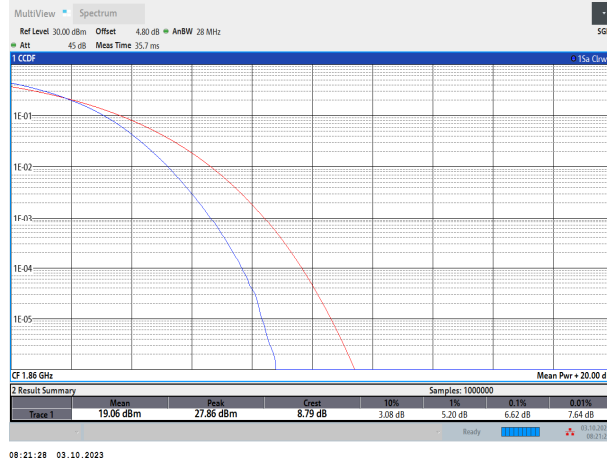
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Band2-20MHz-64QAM-19100-100RB#0



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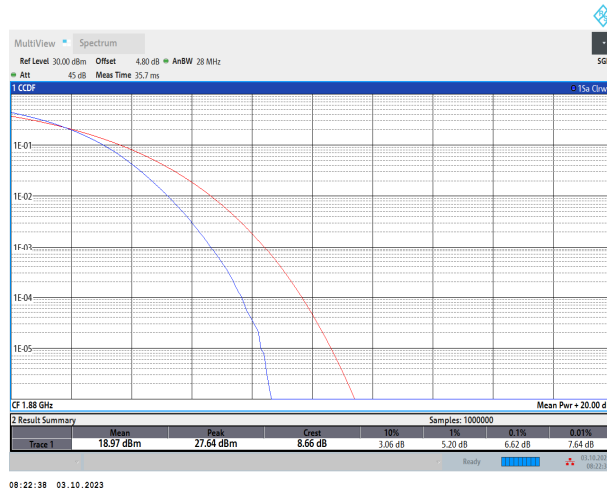


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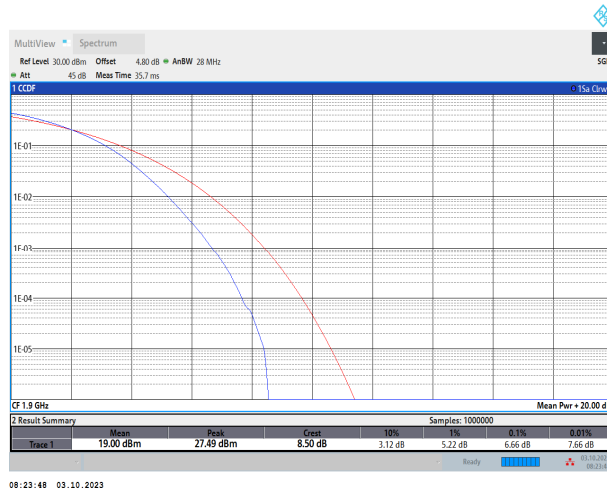
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Band2-20MHz-256QAM-18900-100RB#0



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	1.107	1.39	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.107	1.38	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.107	1.37	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	1.104	1.37	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.695	3.06	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.698	3.05	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.699	3.04	PASS
Band2	3MHz	256QAM	18900	15RB#0	2.695	3.08	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.48	5.02	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.475	5.01	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.476	5.08	PASS
Band2	5MHz	256QAM	18900	25RB#0	4.475	5.04	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.94	9.92	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.942	9.88	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.941	9.96	PASS
Band2	10MHz	256QAM	18900	50RB#0	8.935	9.78	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.478	14.94	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.466	15.03	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.46	15.00	PASS
Band2	15MHz	256QAM	18900	75RB#0	13.469	15.06	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.898	19.64	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.896	19.60	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.881	19.76	PASS
Band2	20MHz	256QAM	18900	100RB#0	17.874	19.60	PASS

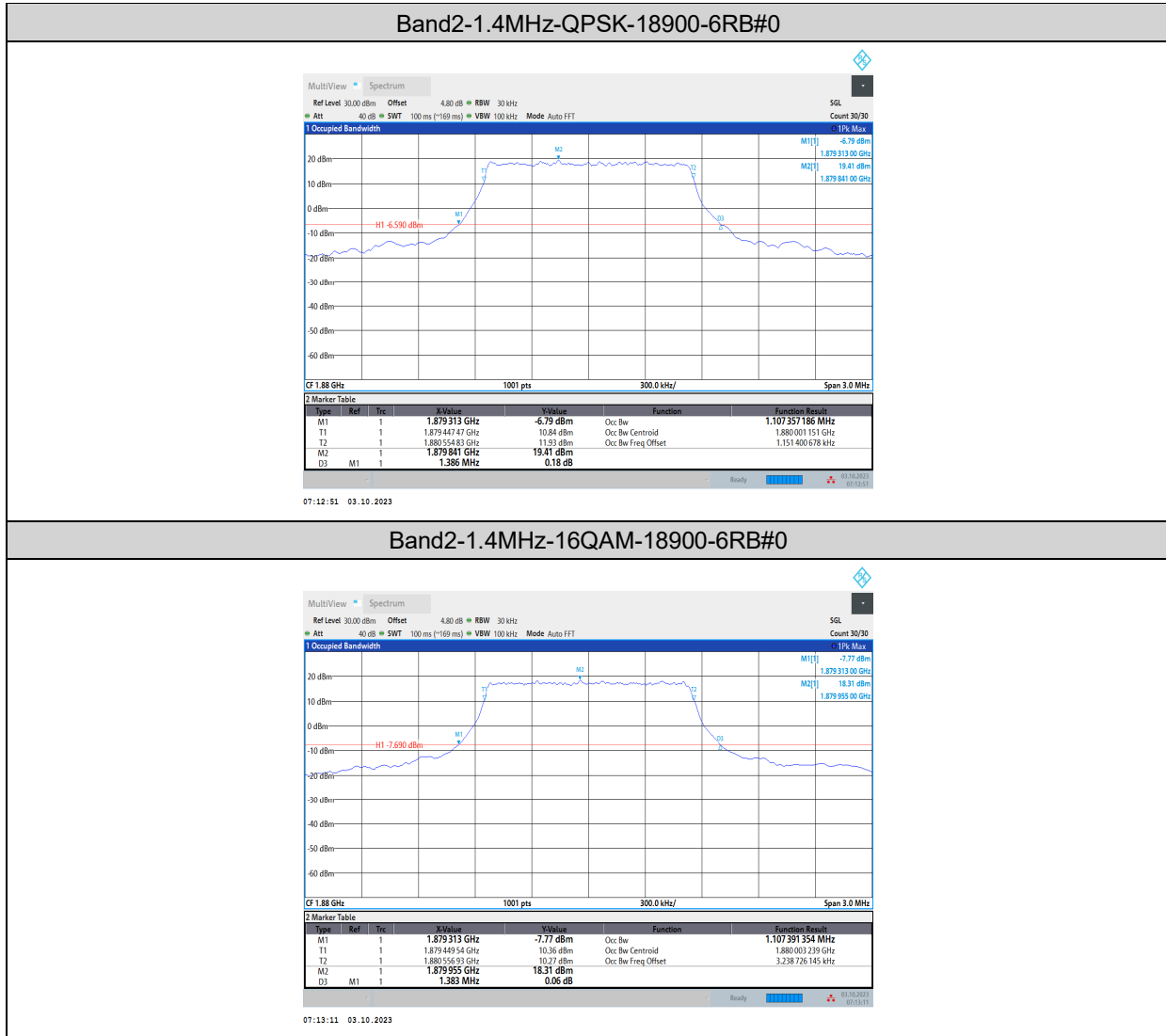


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Test Graphs

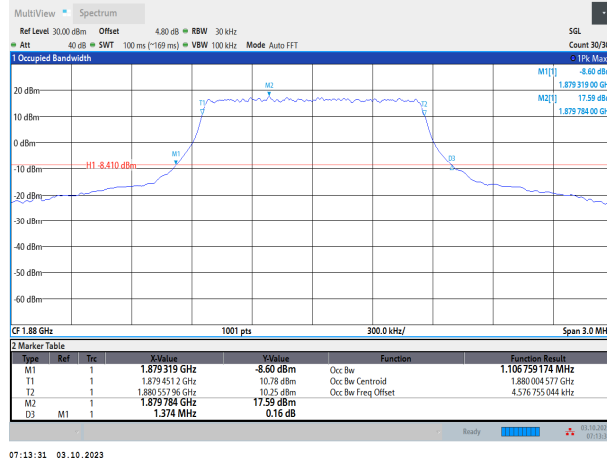


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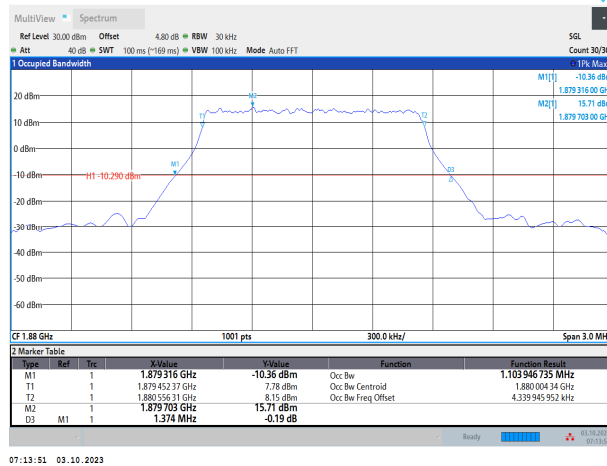
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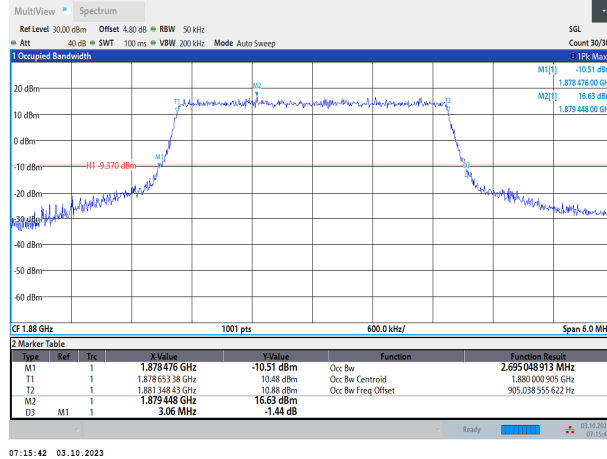


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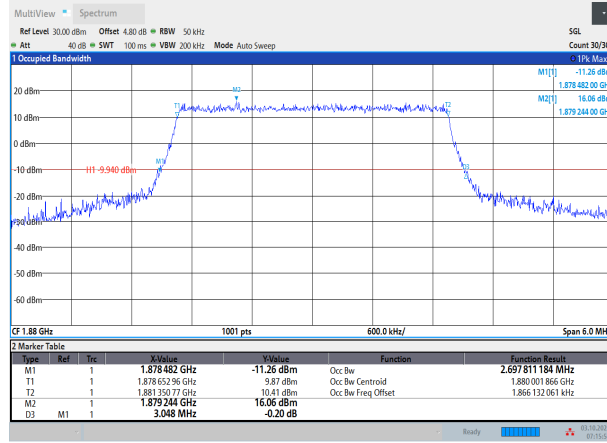
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Band2-3MHz-QPSK-18900-15RB#0



07:15:42 03.10.2023

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



07:16:00 03.10.2023

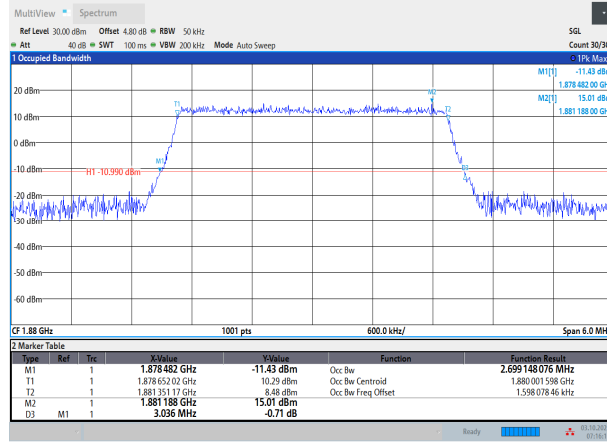


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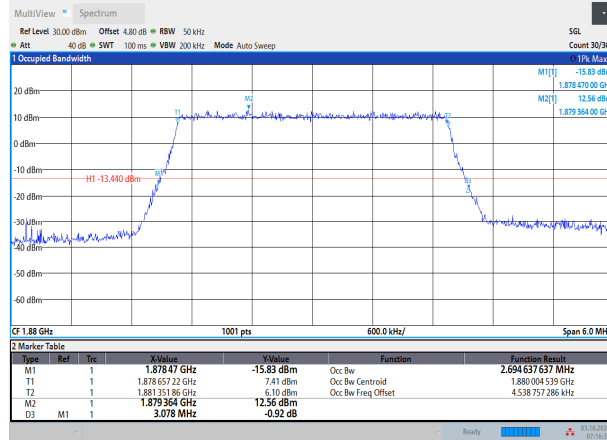
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07:16:19 03.10.2023

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



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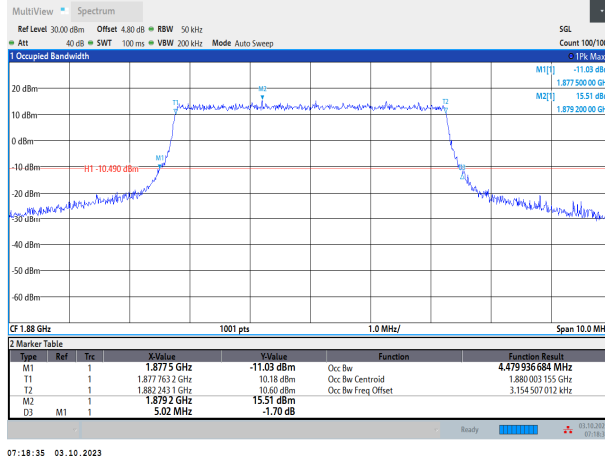
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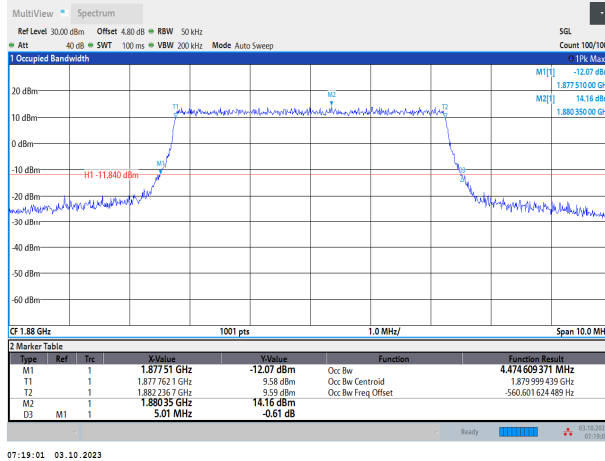
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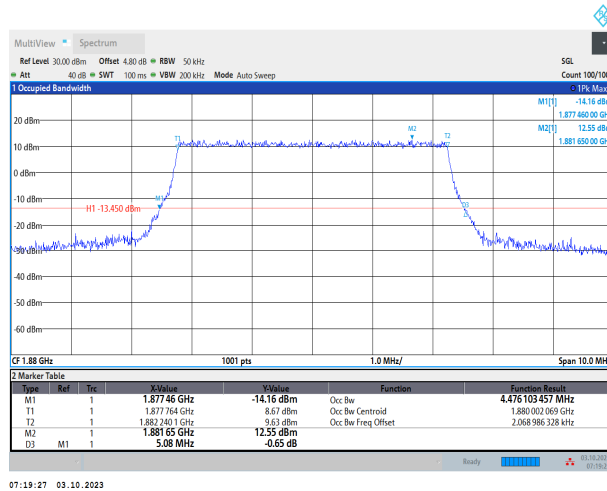


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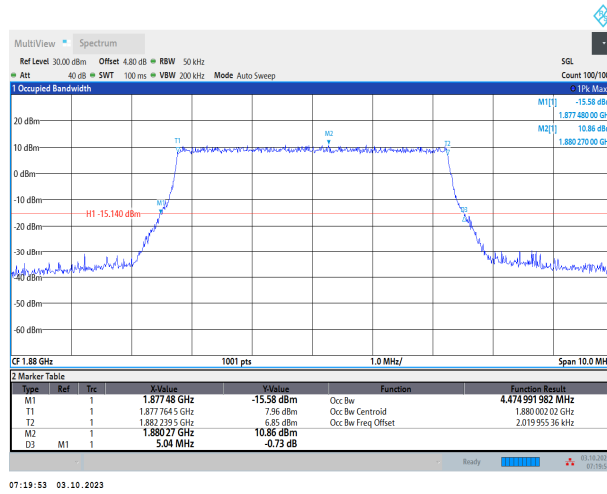
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Band2-5MHz-64QAM-18900-25RB#0



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

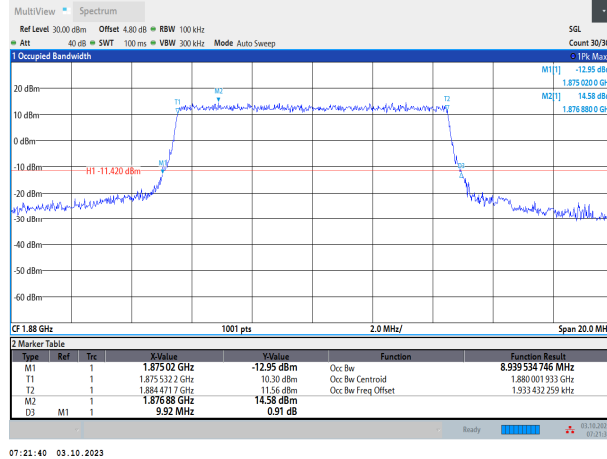


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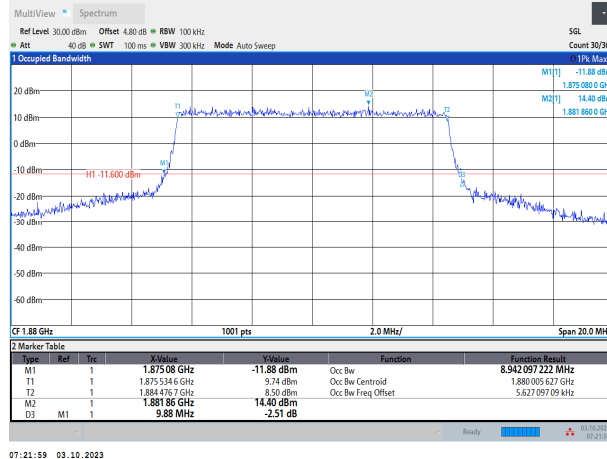
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Band2-10MHz-QPSK-18900-50RB#0



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

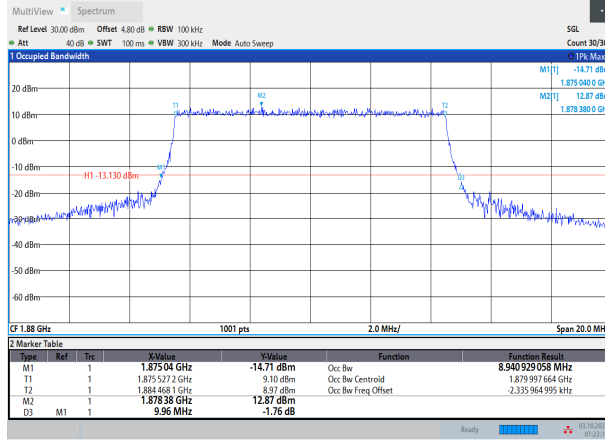


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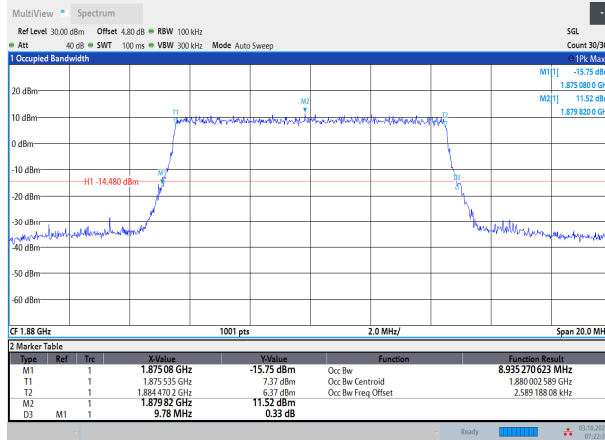
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Band2-10MHz-64QAM-18900-50RB#0



07:22:17 03.10.2023

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



07:22:36 03.10.2023

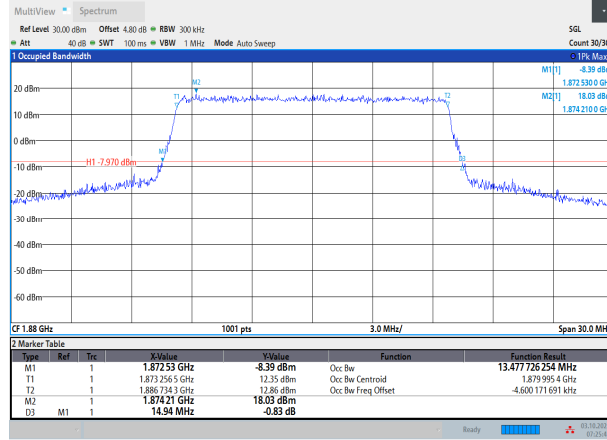


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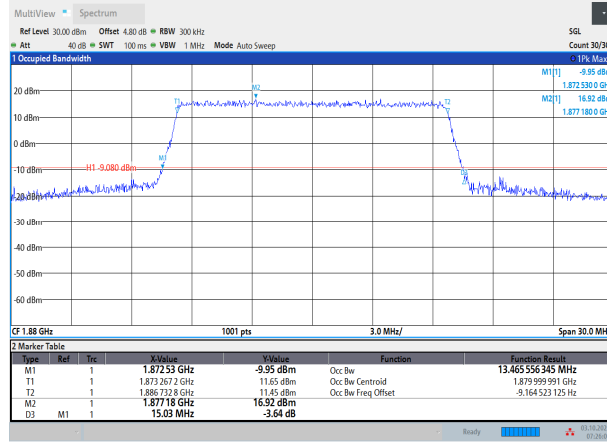
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Band2-15MHz-QPSK-18900-75RB#0



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



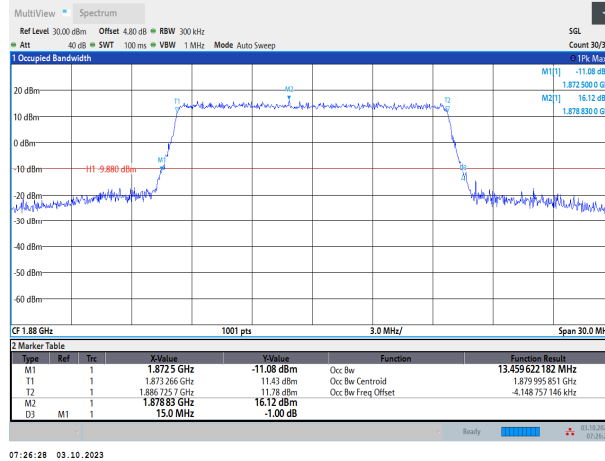
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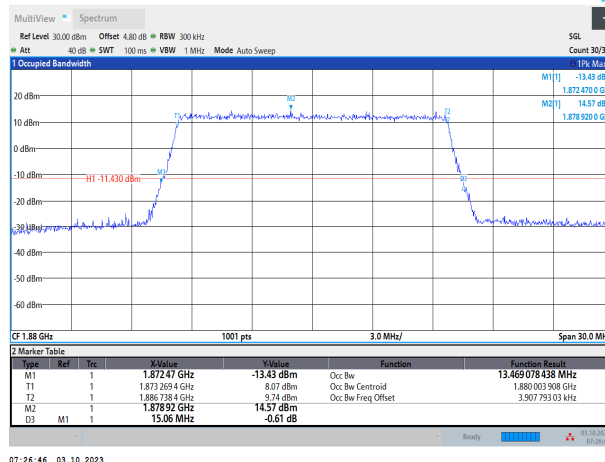


Band2-15MHz-64QAM-18900-75RB#0



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



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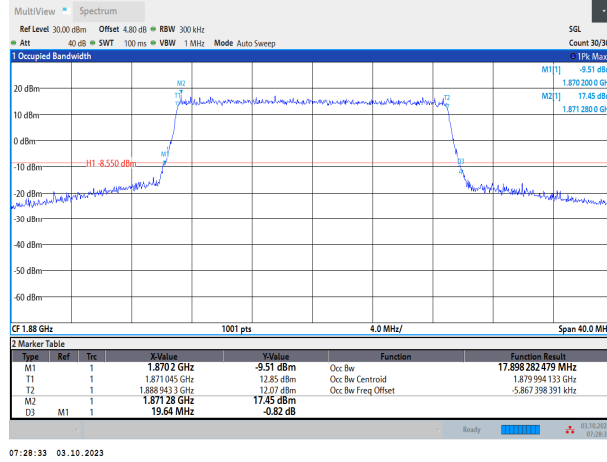


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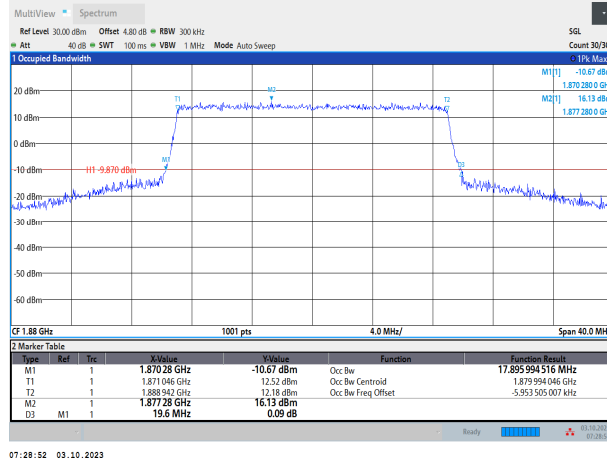
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Band2-20MHz-QPSK-18900-100RB#0



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

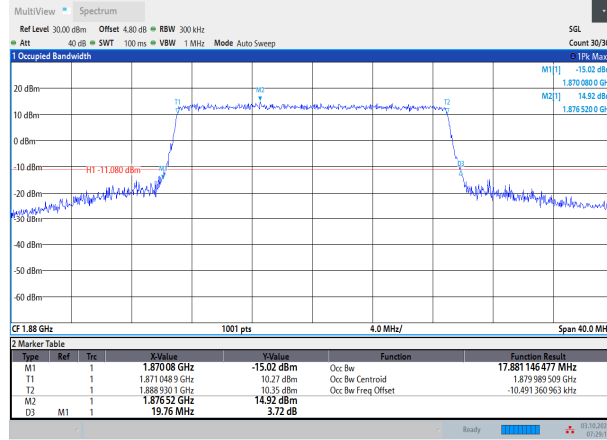


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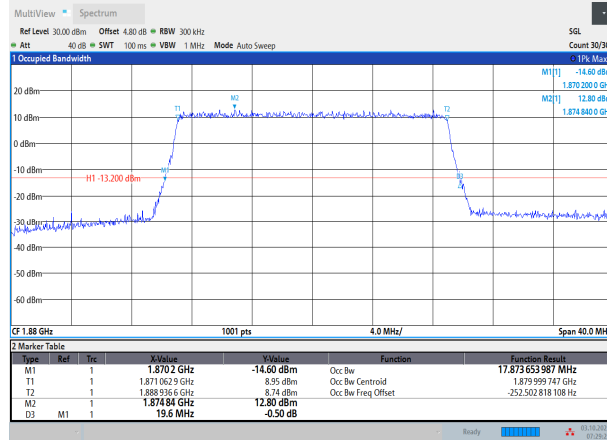
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Band2-20MHz-64QAM-18900-100RB#0



07:29:11 03.10.2023

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



07:29:30 03.10.2023



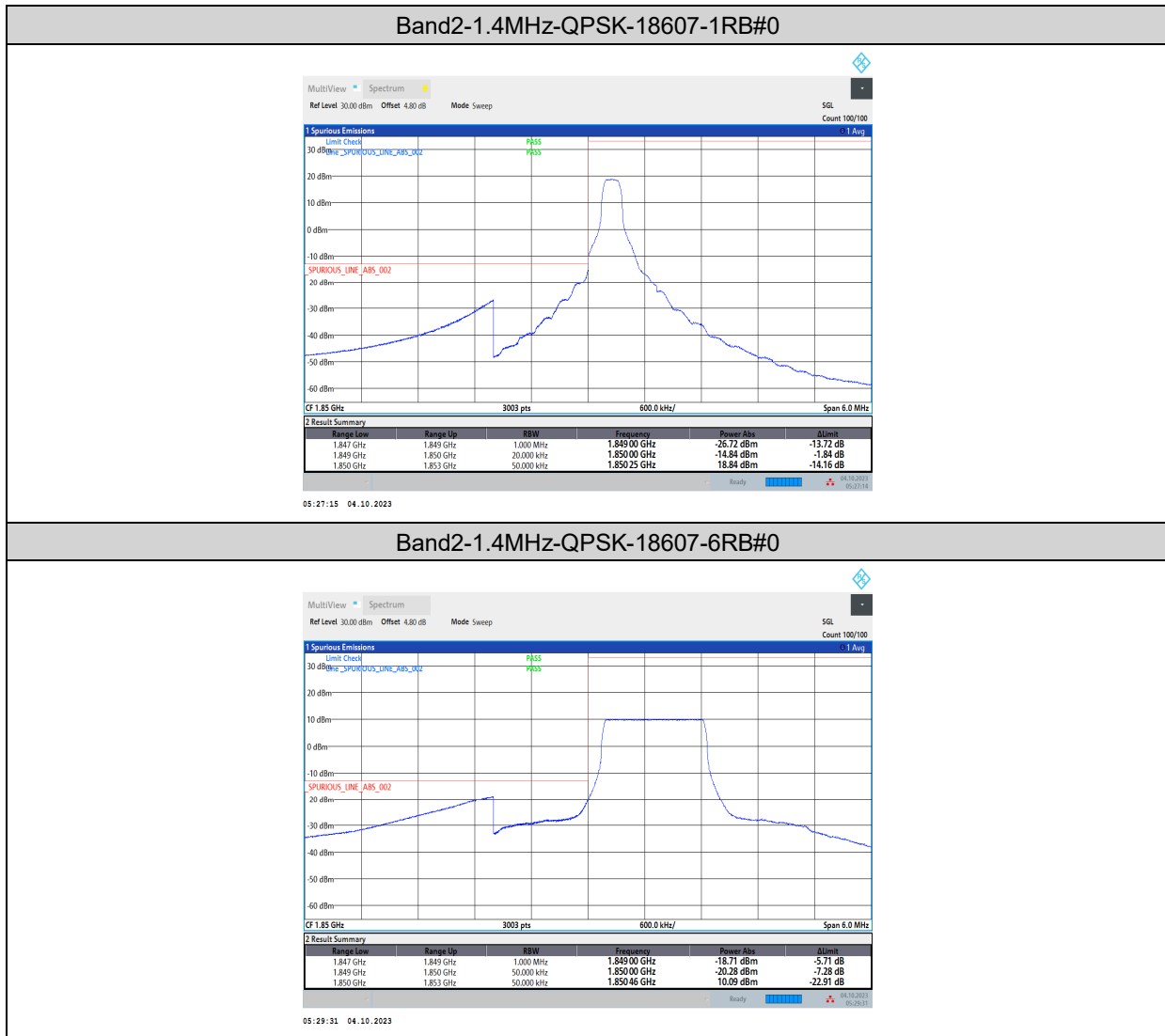
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## Band Edge

## Test Graphs

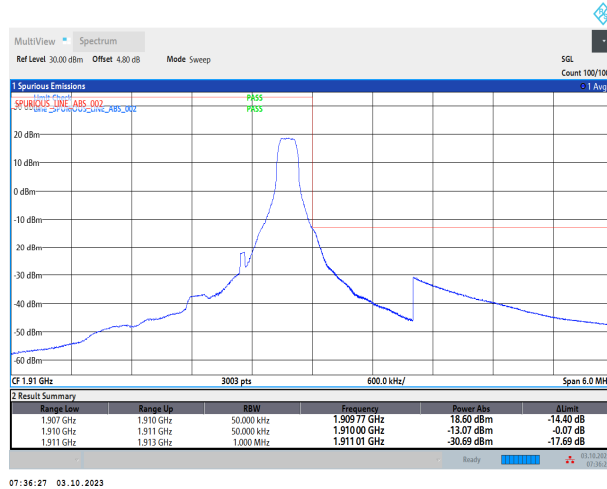


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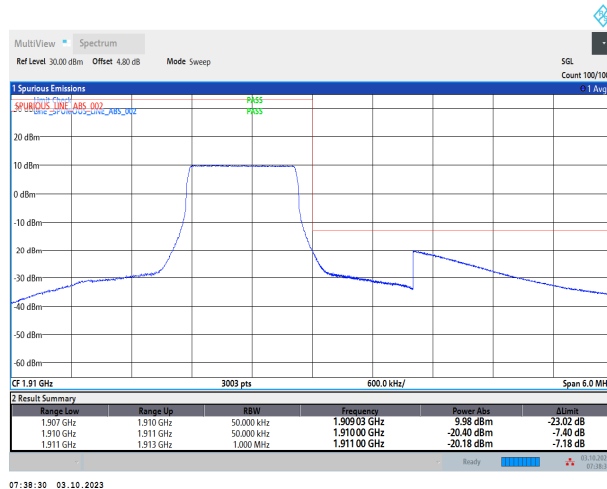
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Band2-1.4MHz-QPSK-19193-1RB#5



07:36:27 03.10.2023

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



07:38:30 03.10.2023

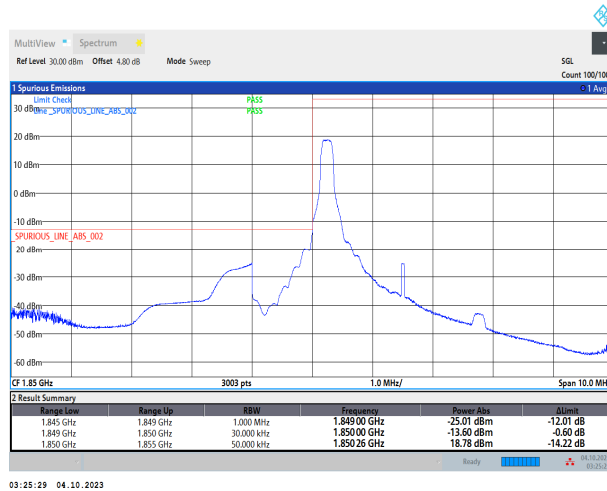


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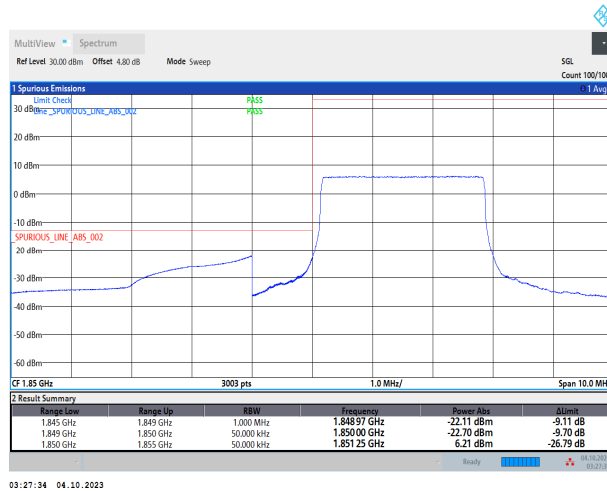
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Band2-3MHz-QPSK-18615-1RB#0



03:25:29 04.10.2023

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



03:27:34 04.10.2023



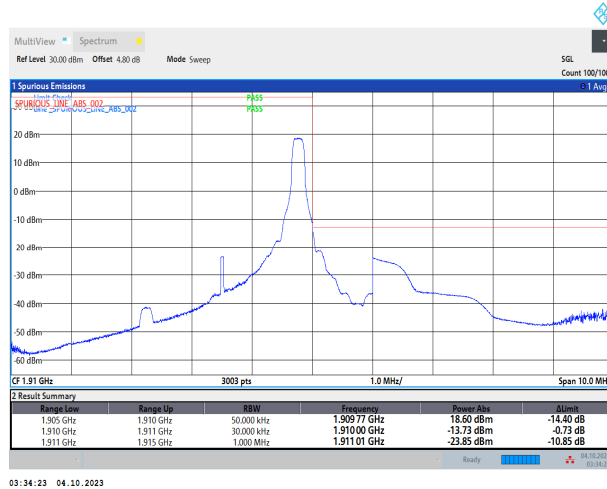
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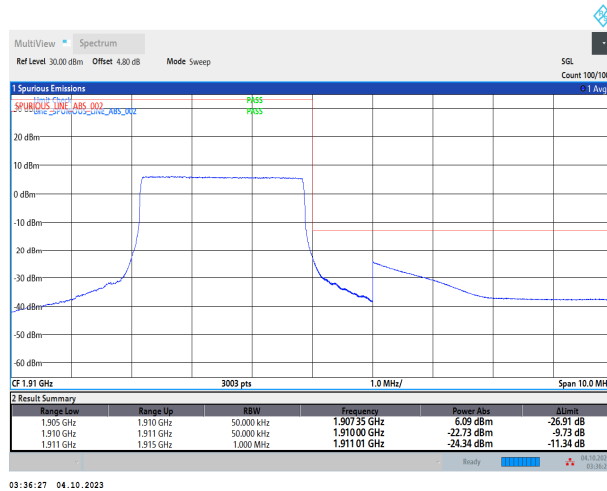
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Band2-3MHz-QPSK-19185-1RB#14



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

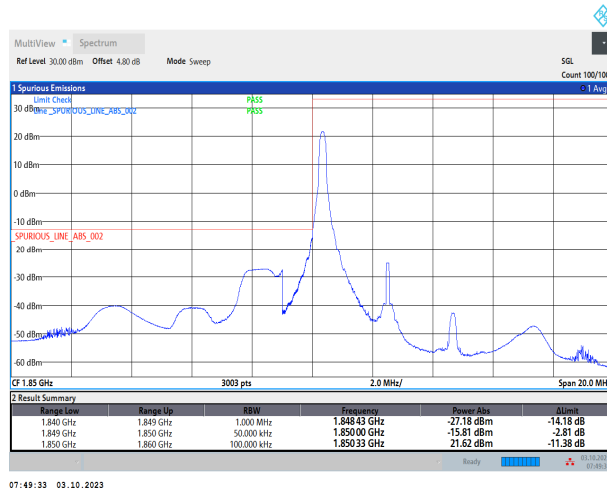


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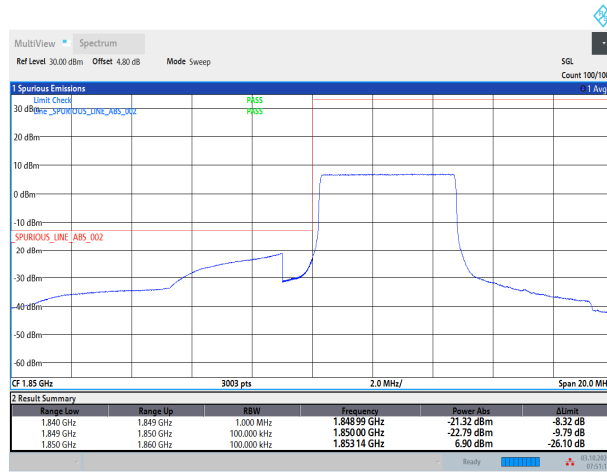
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Band2-5MHz-QPSK-18625-1RB#0



07:49:33 03.10.2023

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



07:51:16 03.10.2023

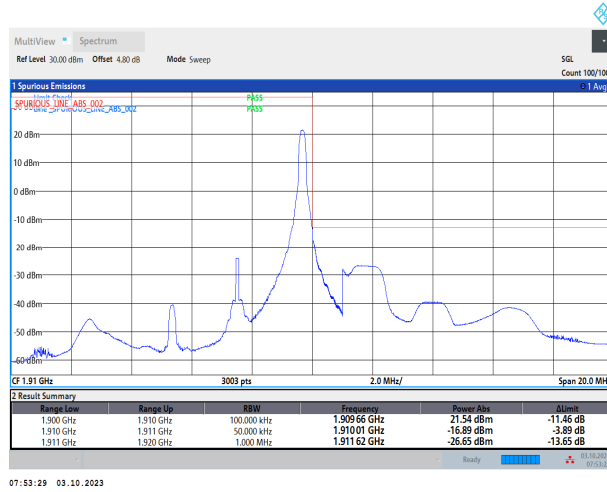


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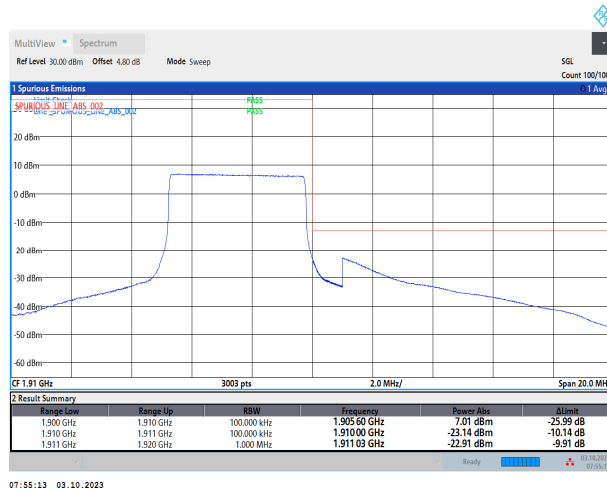
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Band2-5MHz-QPSK-19175-1RB#24



07:53:29 03.10.2023

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



07:55:13 03.10.2023

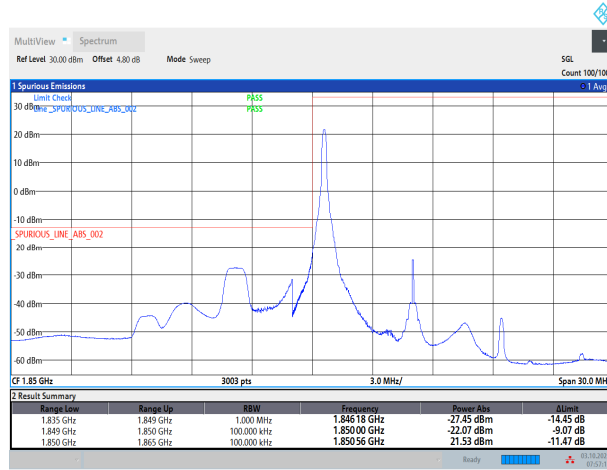


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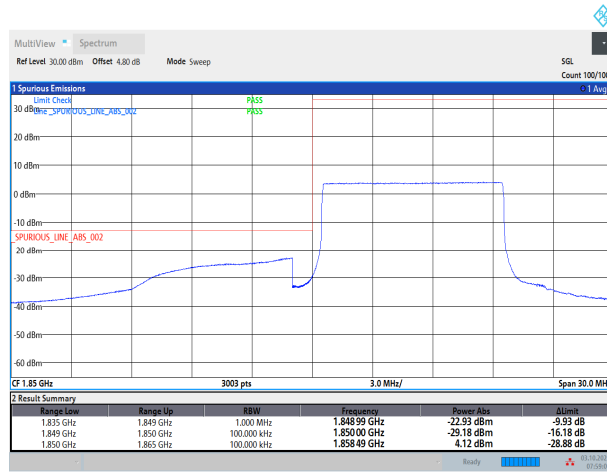
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Band2-10MHz-QPSK-18650-1RB#0



07:57:18 03.10.2023

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



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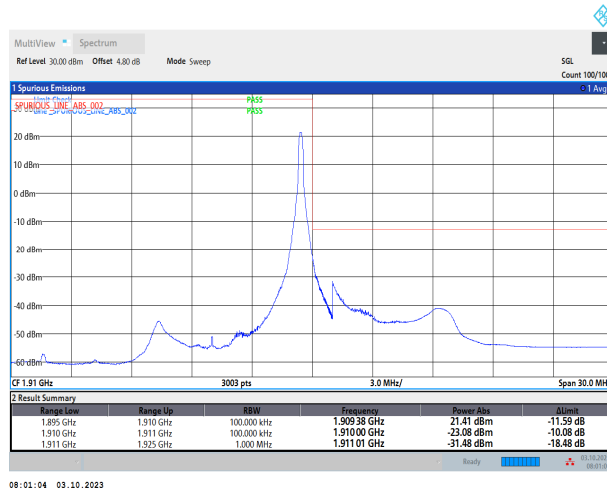


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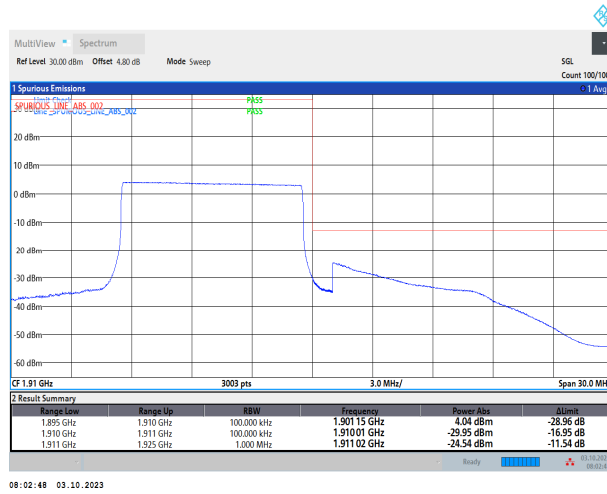
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Band2-10MHz-QPSK-19150-1RB#49



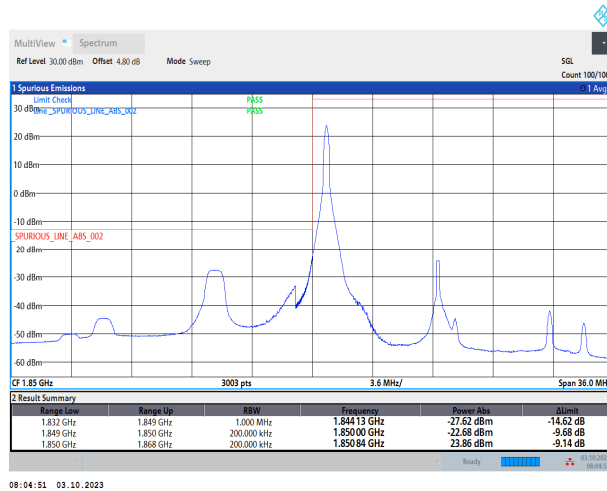
Band2-10MHz-QPSK-19150-50RB#0



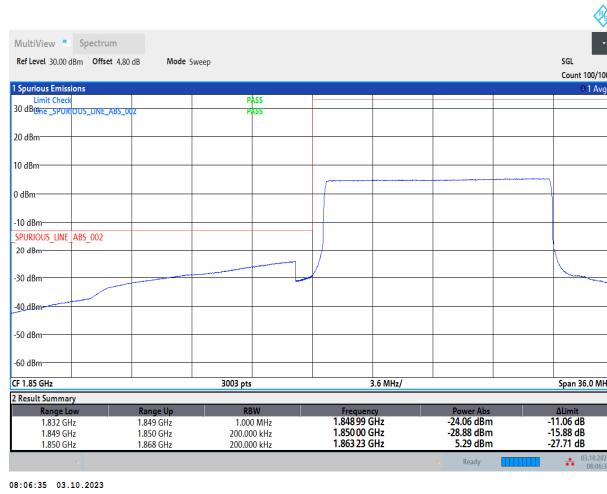
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Band2-15MHz-QPSK-18675-1RB#0



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



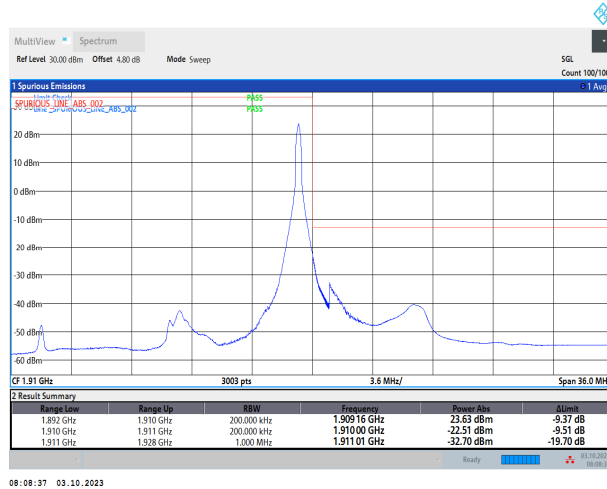
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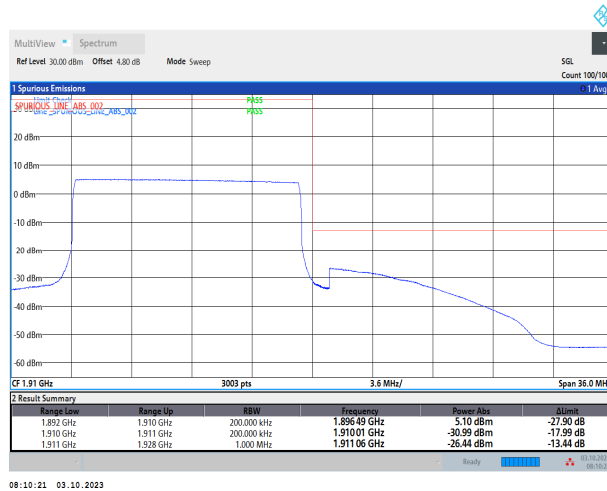
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Band2-15MHz-QPSK-19125-1RB#74



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

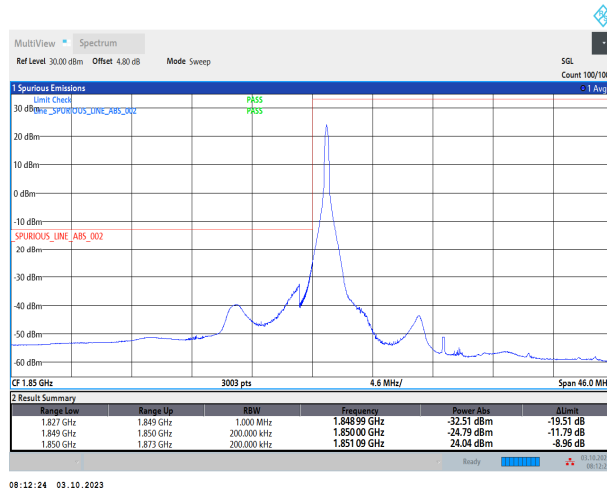


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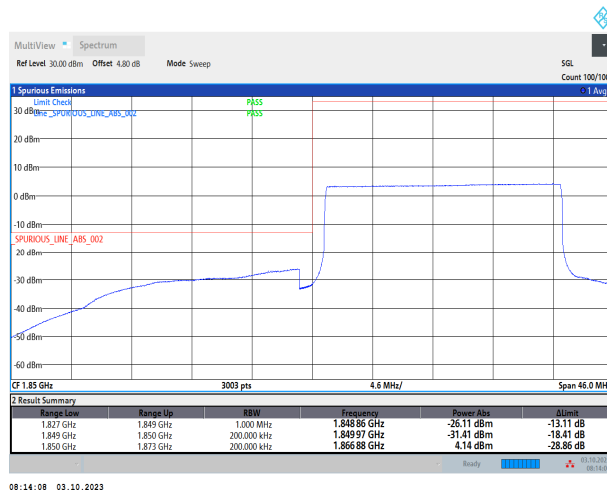
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Band2-20MHz-QPSK-18700-1RB#0



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

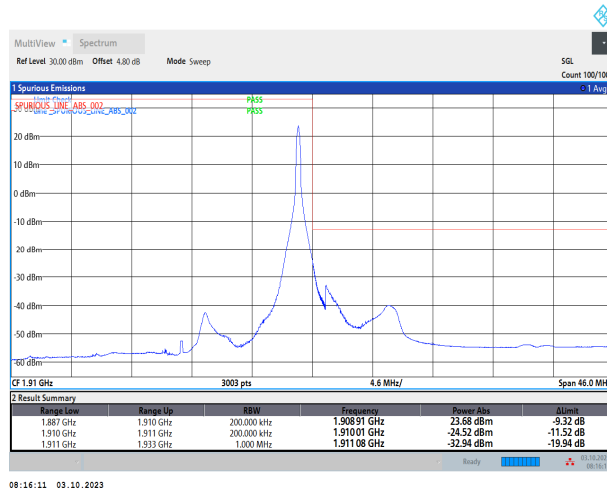


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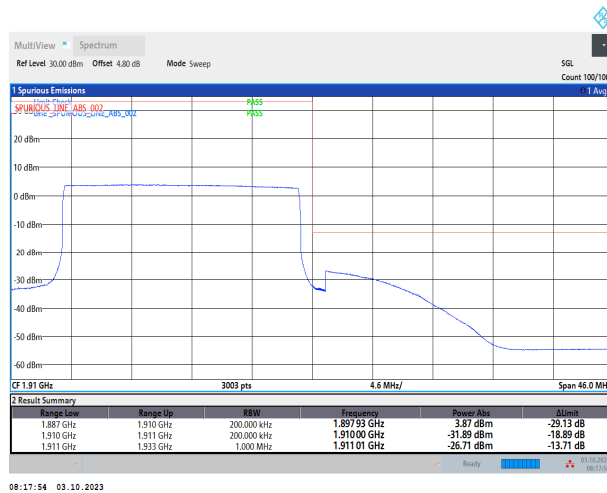
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Band2-20MHz-QPSK-19100-1RB#99



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



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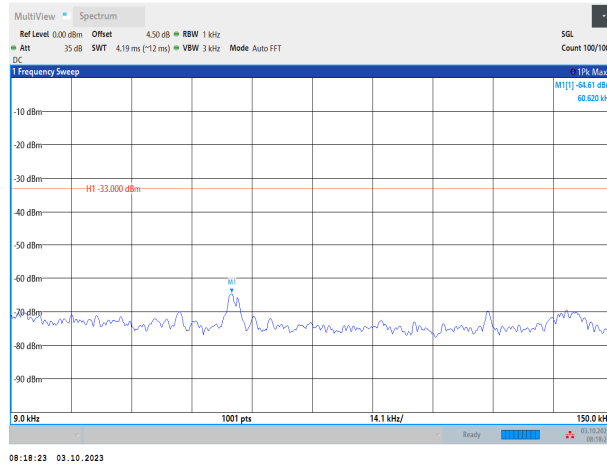
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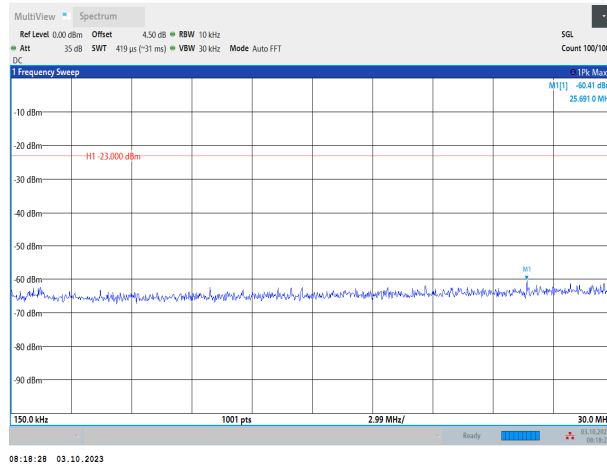
## Conducted Spurious Emission

### Test Graphs

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



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

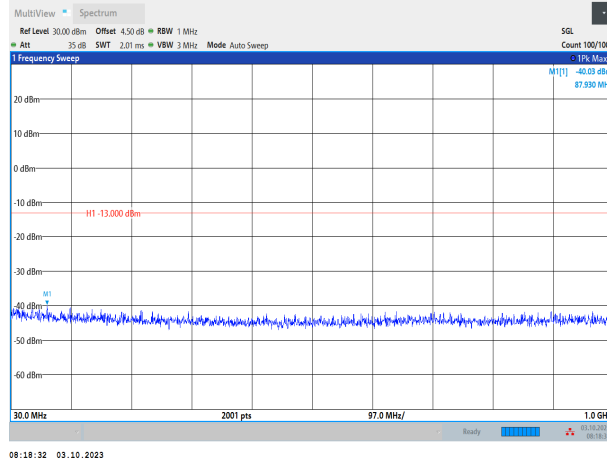


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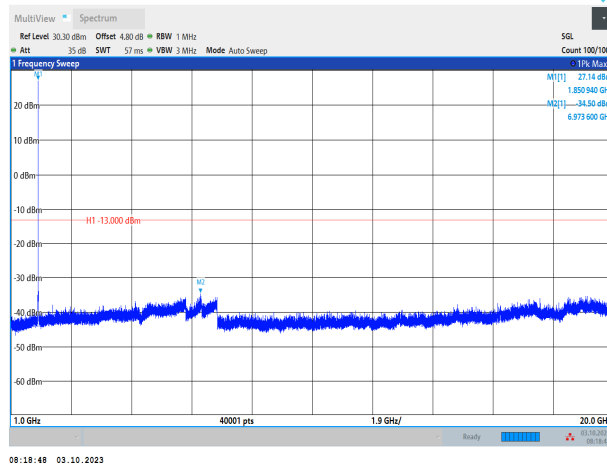
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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



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

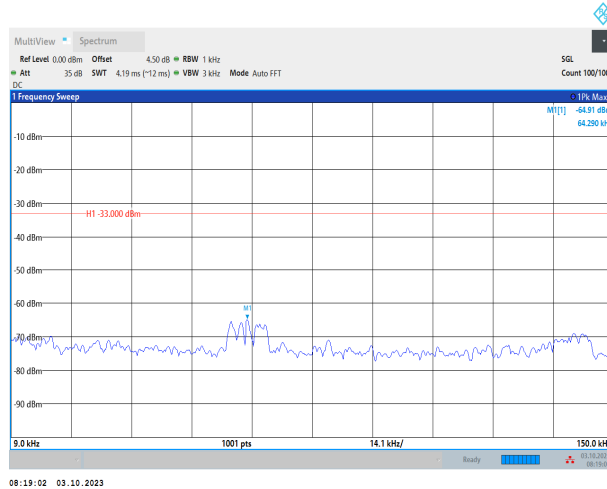


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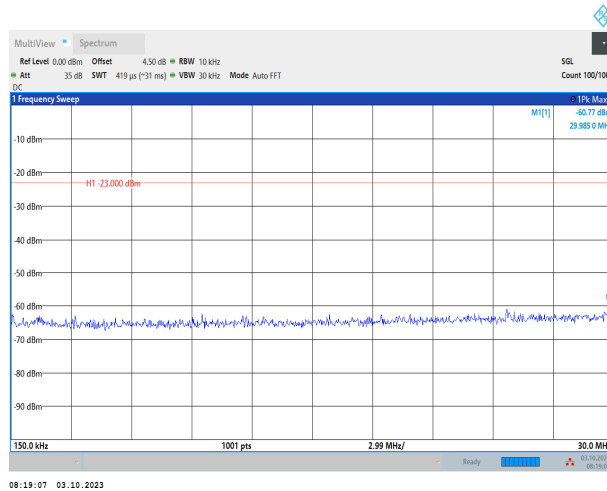
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Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



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



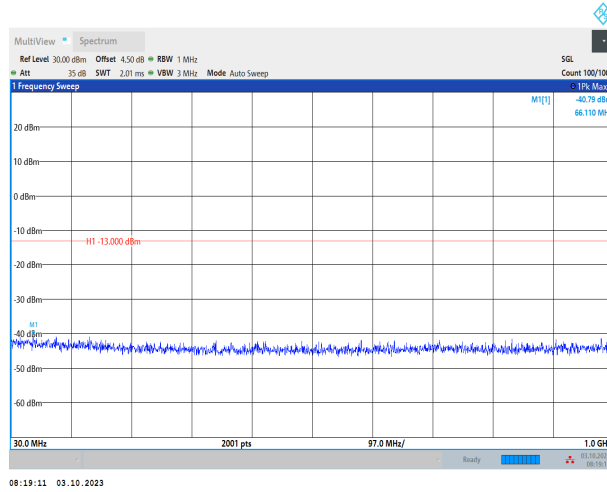
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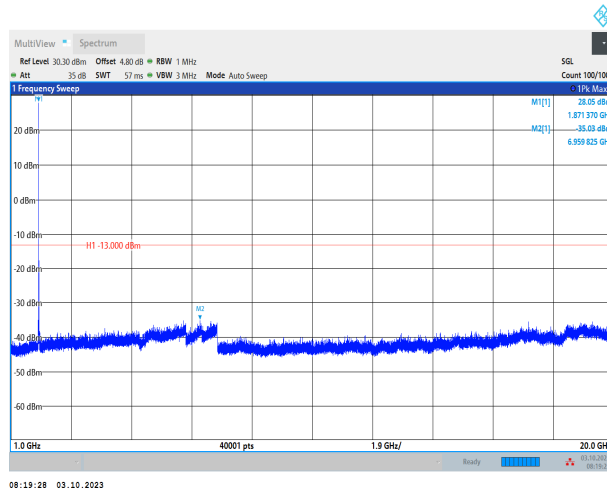
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Band2-20MHz-QPSK-18900-1RB#0-Range4:1000~20000MHz

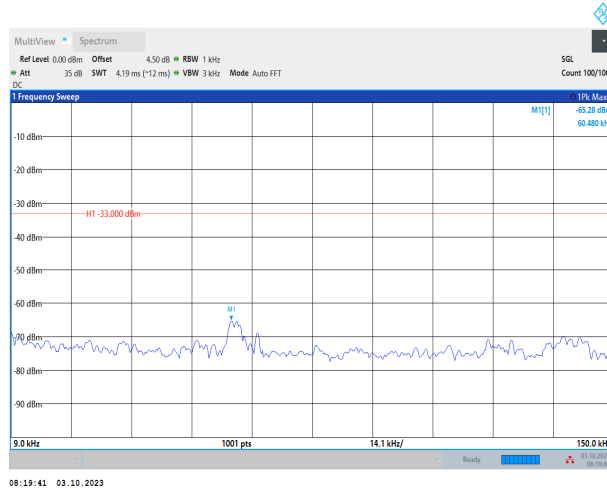


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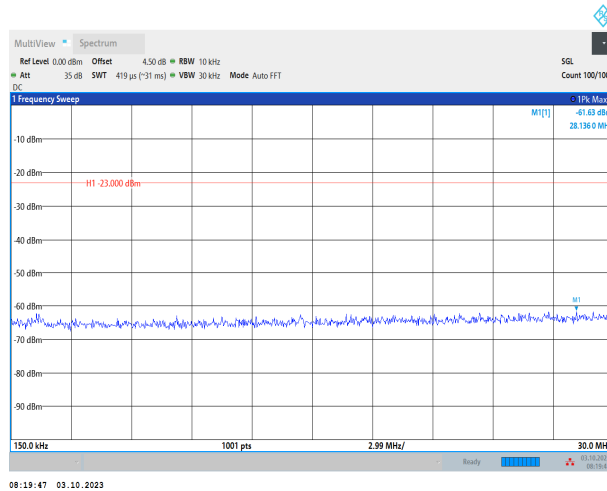
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Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



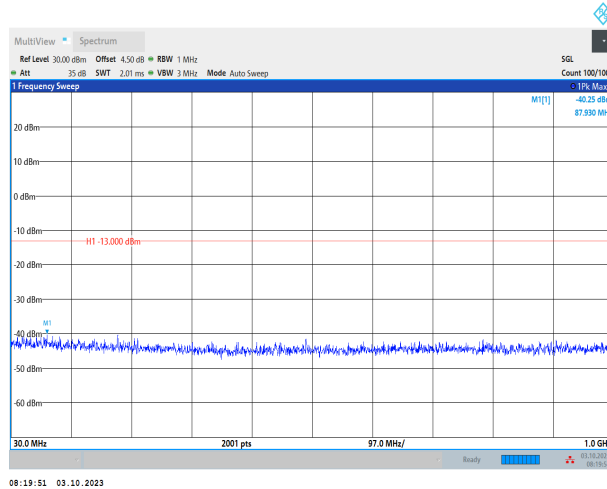
Band2-20MHz-QPSK-19100-1RB#0-Range2:0.15~30MHz



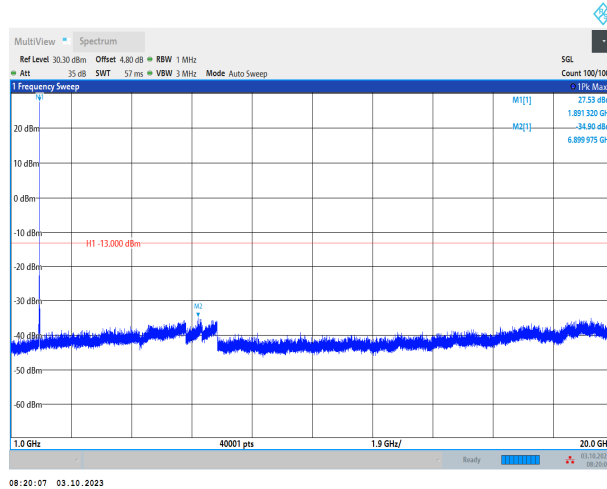
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Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



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



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## Field Strength of Spurious Radiation

Test Band = LTE Band 2\_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	43.80	-48.50	28.98	-70.98	-13.00	57.98	Horizontal
2	5553.27	43.91	-47.66	32.71	-66.30	-13.00	53.30	Horizontal
3	7404.36	41.98	-46.17	36.57	-62.88	-13.00	49.88	Horizontal
4	9255.45	39.98	-43.17	37.83	-60.62	-13.00	47.62	Horizontal
5	11106.54	37.87	-40.36	39.38	-58.37	-13.00	45.37	Horizontal
6	12957.63	36.56	-39.41	38.63	-59.48	-13.00	46.48	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	43.88	-48.50	28.98	-70.90	-13.00	57.90	Vertical
2	5553.27	43.72	-47.66	32.71	-66.49	-13.00	53.49	Vertical
3	7404.36	41.96	-46.17	36.57	-62.90	-13.00	49.90	Vertical
4	9255.45	40.22	-43.17	37.83	-60.38	-13.00	47.38	Vertical
5	11106.54	37.68	-40.36	39.38	-58.56	-13.00	45.56	Vertical
6	12957.63	36.14	-39.41	38.63	-59.90	-13.00	46.90	Vertical



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**Test Band = LTE Band 2\_ TM1**
**Test Channel = Mid**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.07	-48.37	29.04	-70.52	-13.00	57.52	Horizontal
2	5613.27	43.12	-47.67	32.72	-67.09	-13.00	54.09	Horizontal
3	7484.36	41.34	-46.17	36.76	-63.33	-13.00	50.33	Horizontal
4	9355.45	40.52	-42.97	37.92	-59.79	-13.00	46.79	Horizontal
5	11226.54	37.11	-40.37	39.35	-59.17	-13.00	46.17	Horizontal
6	13097.63	36.38	-38.42	38.83	-58.47	-13.00	45.47	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.13	-48.37	29.04	-70.46	-13.00	57.46	Vertical
2	5613.27	43.18	-47.67	32.72	-67.03	-13.00	54.03	Vertical
3	7484.36	41.32	-46.17	36.76	-63.35	-13.00	50.35	Vertical
4	9355.45	40.70	-42.97	37.92	-59.61	-13.00	46.61	Vertical
5	11226.54	37.16	-40.37	39.35	-59.12	-13.00	46.12	Vertical
6	13097.63	36.75	-38.42	38.83	-58.10	-13.00	45.10	Vertical



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**Test Band = LTE Band 2\_ TM1**

**Test Channel = High**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	44.04	-48.24	29.10	-70.36	-13.00	57.36	Horizontal
2	5673.27	42.37	-47.55	32.73	-67.70	-13.00	54.70	Horizontal
3	7564.36	40.89	-45.14	36.72	-62.79	-13.00	49.79	Horizontal
4	9455.45	38.84	-42.67	38.01	-61.08	-13.00	48.08	Horizontal
5	11346.54	38.15	-40.28	39.33	-58.06	-13.00	45.06	Horizontal
6	13237.63	36.60	-38.85	39.15	-58.36	-13.00	45.36	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	45.12	-48.24	29.10	-69.28	-13.00	56.28	Vertical
2	5673.27	43.21	-47.55	32.73	-66.86	-13.00	53.86	Vertical
3	7564.36	40.78	-45.14	36.72	-62.90	-13.00	49.90	Vertical
4	9455.45	39.26	-42.67	38.01	-60.66	-13.00	47.66	Vertical
5	11346.54	36.73	-40.28	39.33	-59.48	-13.00	46.48	Vertical
6	13237.63	36.22	-38.85	39.15	-58.74	-13.00	45.74	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) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.



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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	2.00	0.001064	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	0.30	0.000160	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-0.30	-0.000160	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-0.50	-0.000266	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	1.50	0.000798	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	0.40	0.000213	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-0.30	-0.000160	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	2.70	0.001436	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-0.80	-0.000426	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	0.50	0.000266	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-0.60	-0.000319	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	0.70	0.000372	PASS

---End of Attachment---



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