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# Appendix B.3

## LTE Band 2



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## 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	23.43	22.43	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.44	22.44	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.42	22.42	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.35	21.35	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.24	22.24	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.23	22.23	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.24	22.24	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.13	21.13	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.18	22.18	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.15	22.15	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.91	21.91	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.13	21.13	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.53	21.53	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.52	21.52	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.58	21.58	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.45	20.45	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.39	21.39	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.35	21.35	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.3	21.30	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.25	20.25	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.34	21.34	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.39	21.39	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.31	21.31	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.25	20.25	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.53	20.53	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.54	20.54	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.49	20.49	33.00	PASS



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Band2	1.4MHz	64QAM	18607	6RB#0	20.34	19.34	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.36	20.36	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.33	20.33	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.3	20.30	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.12	19.12	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.35	20.35	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.27	20.27	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.3	20.30	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.14	19.14	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.4	22.40	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.45	22.45	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.47	22.47	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.41	21.41	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.21	22.21	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.31	22.31	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.24	22.24	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.13	21.13	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.17	22.17	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.21	22.21	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.85	21.85	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.15	21.15	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.54	21.54	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.67	21.67	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.59	21.59	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.47	20.47	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.29	21.29	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.42	21.42	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.39	21.39	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.21	20.21	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.24	21.24	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.25	21.25	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.34	21.34	33.00	PASS



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Band2	3MHz	16QAM	19185	15RB#0	21.21	20.21	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.56	20.56	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.51	20.51	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.58	20.58	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.43	19.43	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.32	20.32	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	21.31	20.31	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.4	20.40	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.2	19.20	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.27	20.27	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.3	20.30	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.28	20.28	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.2	19.20	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.49	22.49	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.57	22.57	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.47	22.47	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.38	21.38	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.24	22.24	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.28	22.28	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.22	22.22	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.14	21.14	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.25	22.25	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.26	22.26	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.75	21.75	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.21	21.21	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.61	21.61	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.58	21.58	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.49	21.49	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.47	20.47	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.43	21.43	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.46	21.46	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.39	21.39	33.00	PASS



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Band2	5MHz	16QAM	18900	25RB#0	21.16	20.16	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.38	21.38	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.31	21.31	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.49	21.49	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.23	20.23	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.55	20.55	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.54	20.54	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.5	20.50	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.4	19.40	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.43	20.43	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.39	20.39	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.21	20.21	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.16	19.16	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.27	20.27	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.25	20.25	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.3	20.30	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.21	19.21	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.43	22.43	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.49	22.49	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.43	22.43	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.43	21.43	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.23	22.23	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.31	22.31	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.18	22.18	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.2	21.20	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.26	22.26	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.28	22.28	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.14	22.14	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.24	21.24	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.54	21.54	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.6	21.60	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.57	21.57	33.00	PASS



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Band2	10MHz	16QAM	18650	50RB#0	21.39	20.39	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.4	21.40	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.47	21.47	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.4	21.40	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.17	20.17	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.34	21.34	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.26	21.26	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.37	21.37	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.19	20.19	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.49	20.49	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.55	20.55	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.51	20.51	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.45	19.45	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.39	20.39	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.32	20.32	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.21	20.21	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.18	19.18	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.35	20.35	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	21.26	20.26	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.31	20.31	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.17	19.17	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.4	22.40	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.48	22.48	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.37	22.37	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.4	21.40	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.23	22.23	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.24	22.24	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.2	22.20	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.14	21.14	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.23	22.23	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.32	22.32	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.23	22.23	33.00	PASS



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Band2	15MHz	QPSK	19125	75RB#0	22.17	21.17	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.54	21.54	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.68	21.68	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.64	21.64	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.38	20.38	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.38	21.38	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.41	21.41	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.34	21.34	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.2	20.20	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.36	21.36	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.43	21.43	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.46	21.46	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.22	20.22	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.48	20.48	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.49	20.49	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.5	20.50	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.33	19.33	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.27	20.27	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.33	20.33	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.24	20.24	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.19	19.19	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.39	20.39	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.38	20.38	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.26	20.26	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.2	19.20	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.42	22.42	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.45	22.45	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.32	22.32	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.38	21.38	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.27	22.27	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.25	22.25	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.14	22.14	33.00	PASS



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Band2	20MHz	QPSK	18900	100RB#0	22.12	21.12	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.19	22.19	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.3	22.30	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.17	22.17	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.21	21.21	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.53	21.53	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.62	21.62	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.54	21.54	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.38	20.38	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.46	21.46	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.34	21.34	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.29	21.29	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.16	20.16	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.29	21.29	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.49	21.49	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.39	21.39	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.2	20.20	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.47	20.47	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.57	20.57	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.4	20.40	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.34	19.34	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.32	20.32	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.43	20.43	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.2	20.20	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.1	19.10	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.26	20.26	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.3	20.30	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.26	20.26	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.12	19.12	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	5.12	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.00	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.00	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.80	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.84	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.72	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.20	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.14	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.08	13	PASS

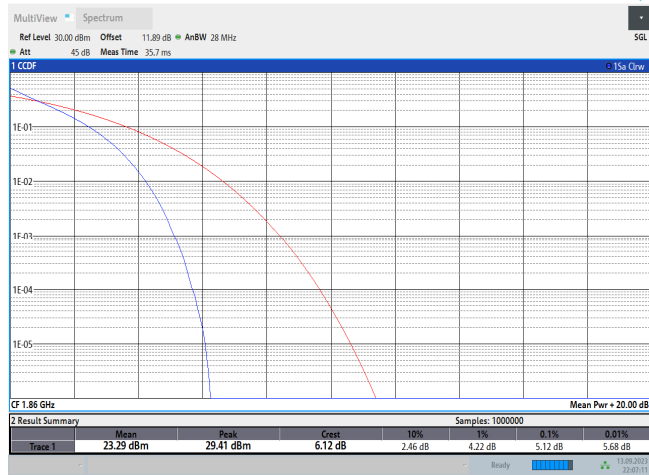


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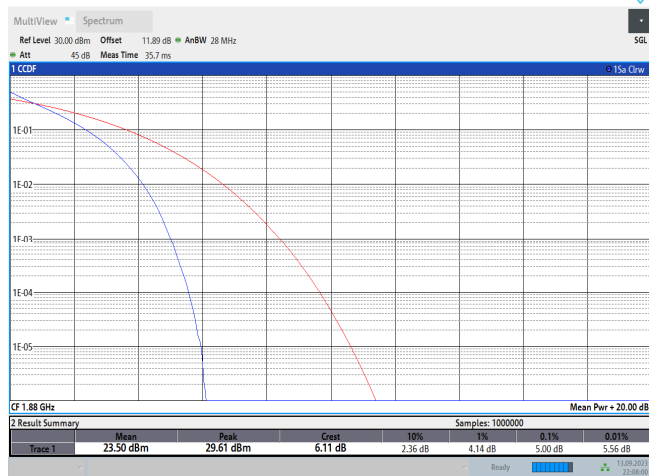
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Test Graphs

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

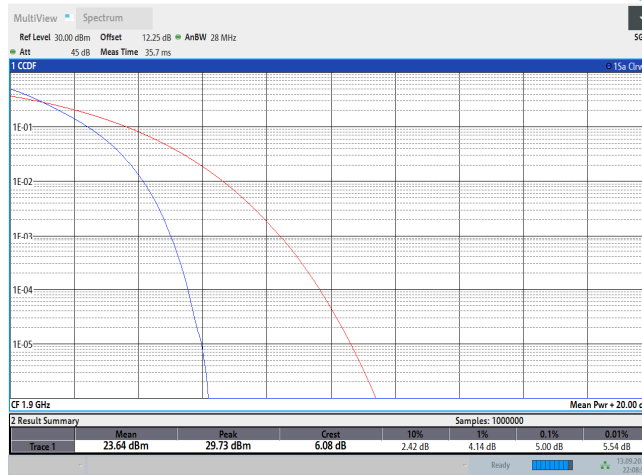


Band2-20MHz-QPSK-18900-100RB#0



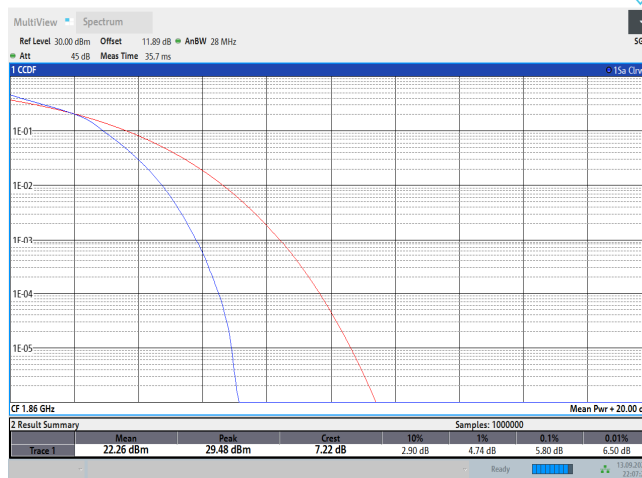
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Band2-20MHz-QPSK-19100-100RB#0



22:08:51 13.09.2023

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



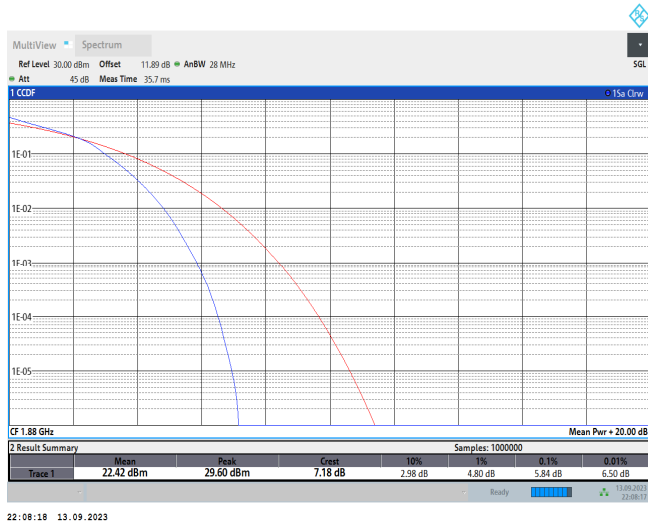
22:07:28 13.09.2023



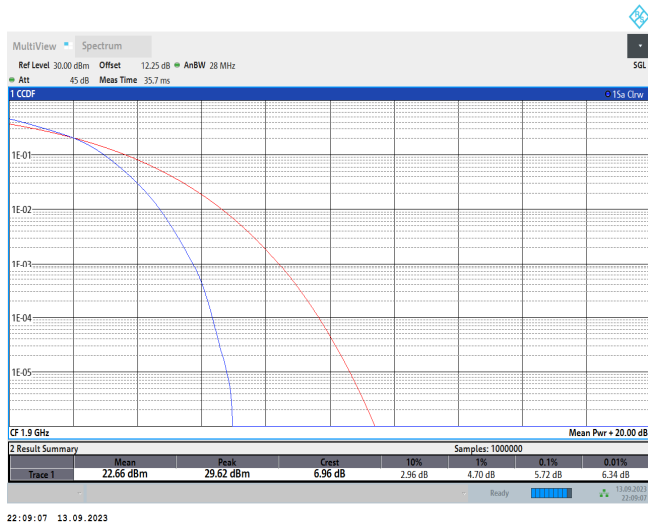
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Band2-20MHz-16QAM-18900-100RB#0

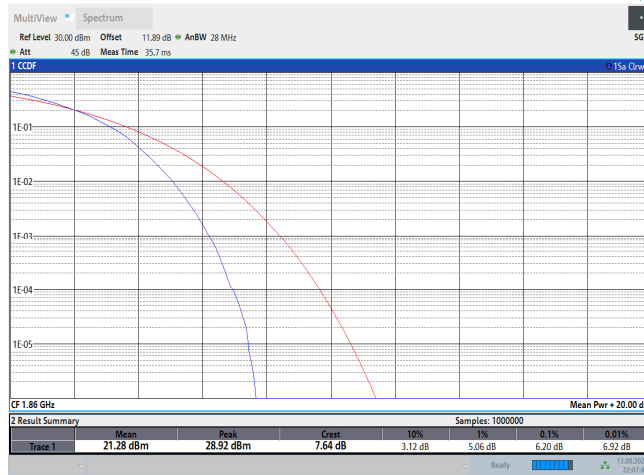


Band2-20MHz-16QAM-19100-100RB#0



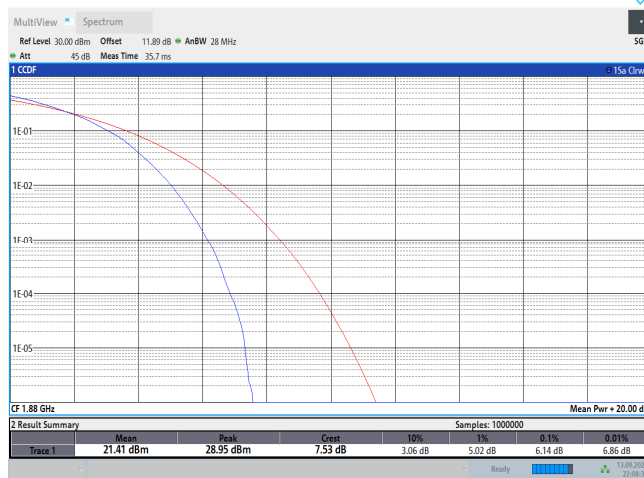
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Band2-20MHz-64QAM-18700-100RB#0



22:07:45 13.09.2023

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



22:08:34 13.09.2023

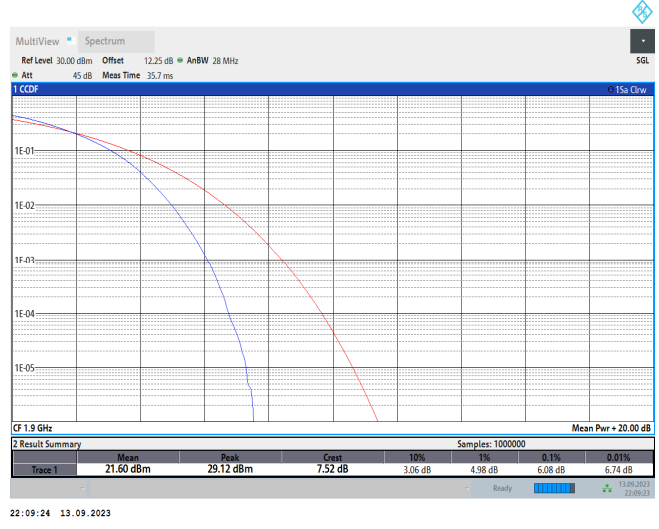


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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.084	1.25	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.085	1.28	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.085	1.28	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.102	1.32	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.098	1.34	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.097	1.31	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.097	1.32	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.096	1.31	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.097	1.31	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.692	2.92	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.689	2.92	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.688	2.93	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.683	2.94	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.684	2.92	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.682	2.93	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.683	2.92	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.682	2.92	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.684	2.92	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.472	4.86	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.471	4.84	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.467	4.86	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.47	4.92	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.465	4.90	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.468	4.91	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.478	4.88	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.476	4.85	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.472	4.88	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.934	9.56	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.945	9.60	PASS



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Band2	10MHz	QPSK	19150	50RB#0	8.917	9.64	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.924	9.60	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.916	9.58	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.915	9.58	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.931	9.68	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.919	9.70	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.934	9.60	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.479	14.70	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.482	14.73	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.453	14.70	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.451	14.73	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.447	14.76	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.442	14.73	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.439	14.76	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.432	14.79	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.412	14.76	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.925	19.40	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.916	19.48	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.881	19.44	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.904	19.32	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.882	19.24	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.863	19.36	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.877	19.40	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.859	19.40	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.856	19.28	PASS



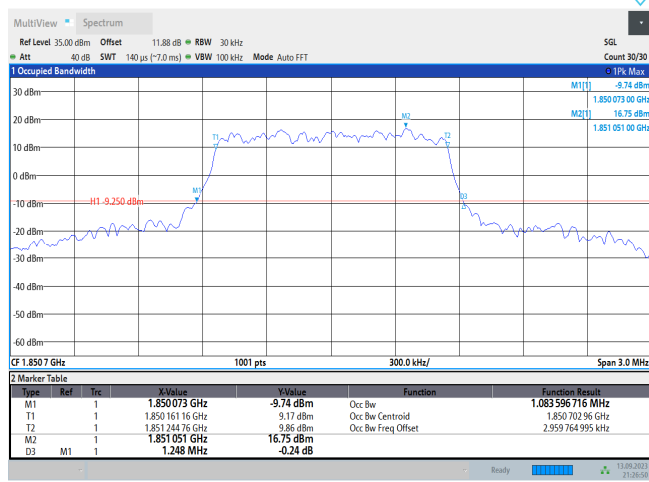
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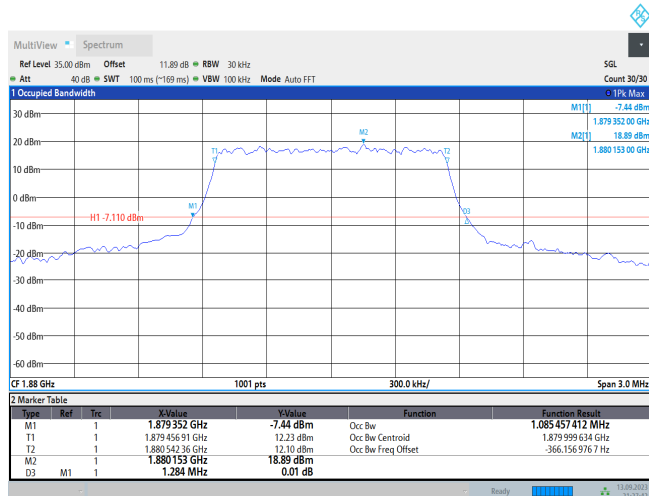
Test Graphs

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



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



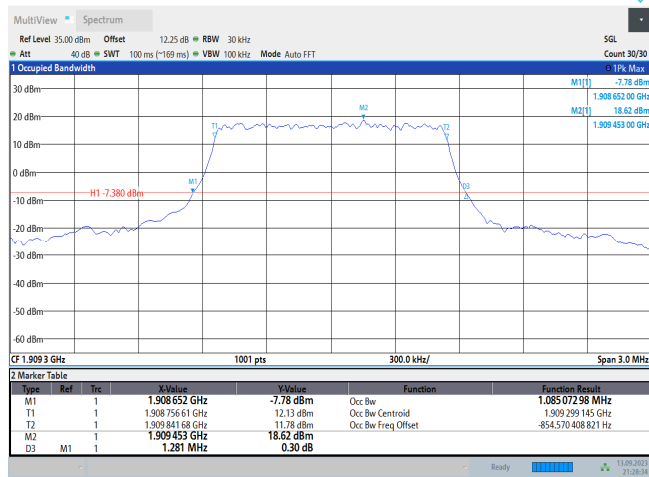
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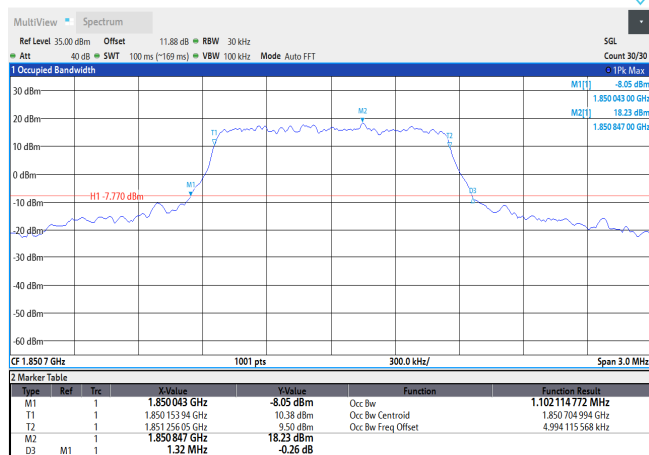
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Band2-1.4MHz-QPSK-19193-6RB#0



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



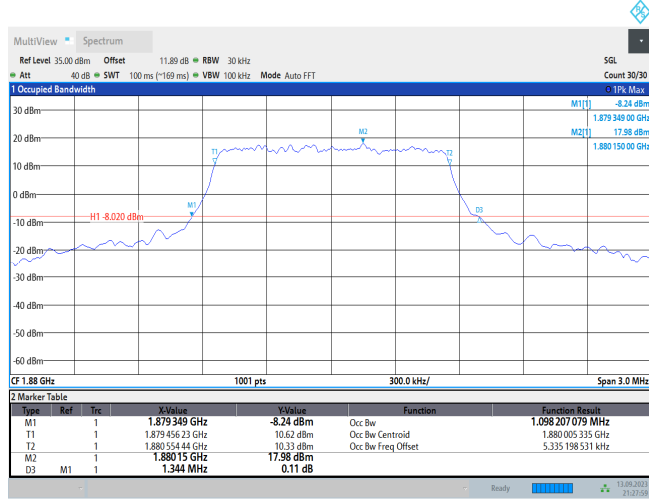
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### Band2-1.4MHz-16QAM-18900-6RB#0



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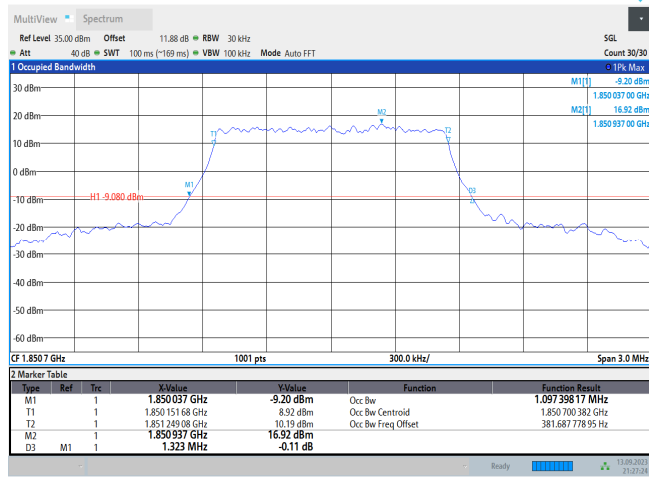
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**Band2-1.4MHz-16QAM-19193-6RB#0**



21:28:52 13.09.2023

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



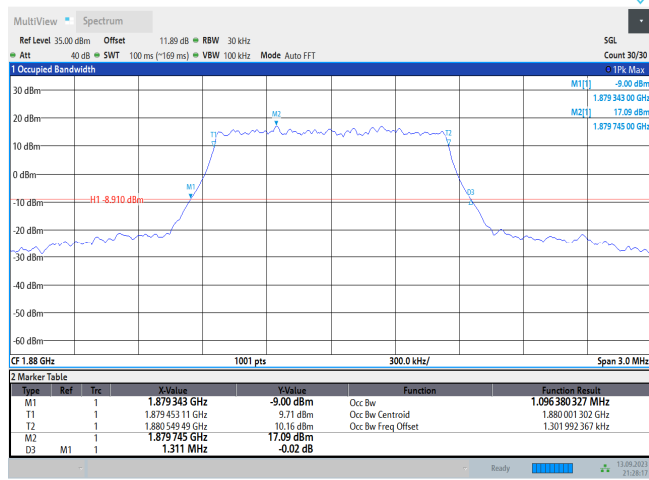
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### Band2-1.4MHz-64QAM-18900-6RB#0



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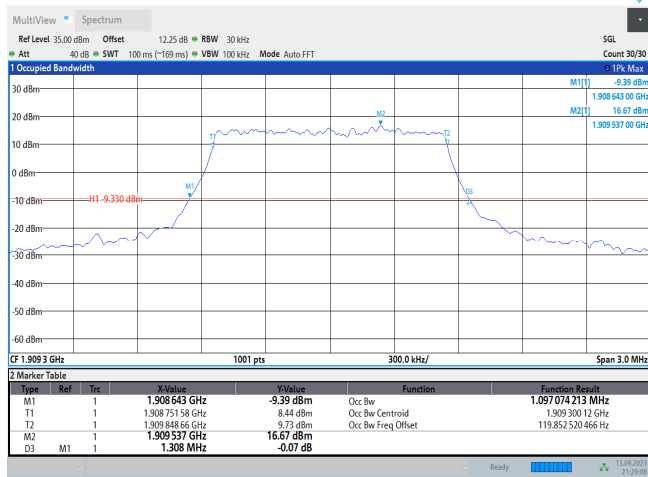


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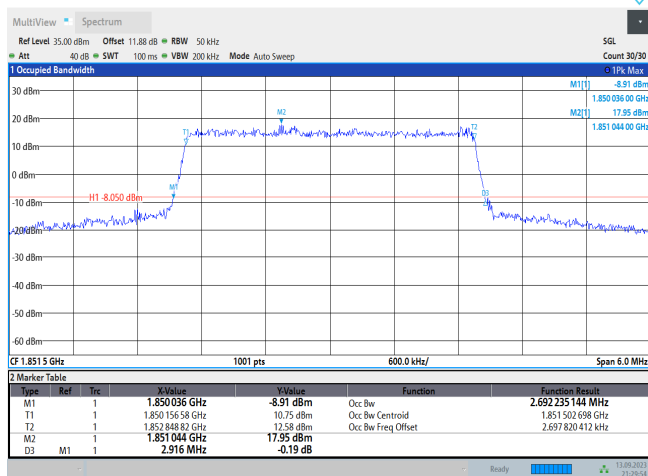
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Band2-1.4MHz-64QAM-19193-6RB#0



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



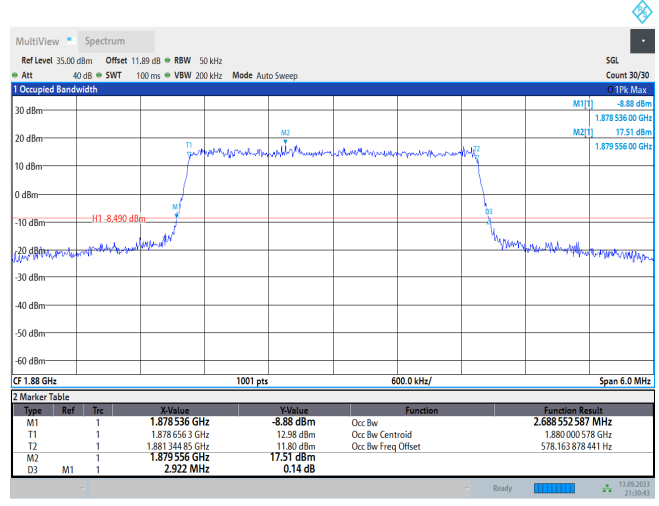
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### Band2-3MHz-QPSK-18900-15RB#0



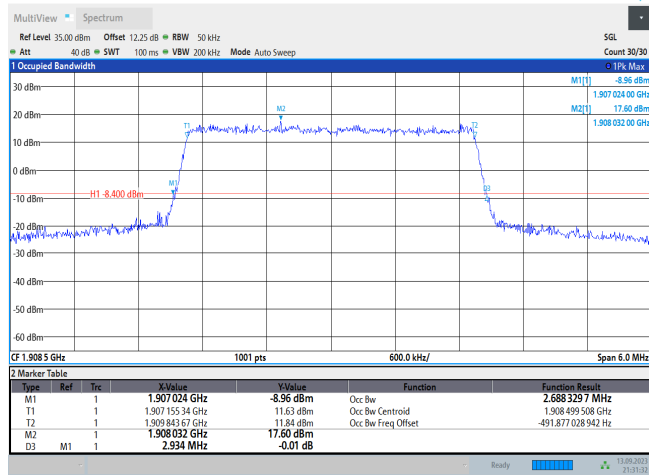
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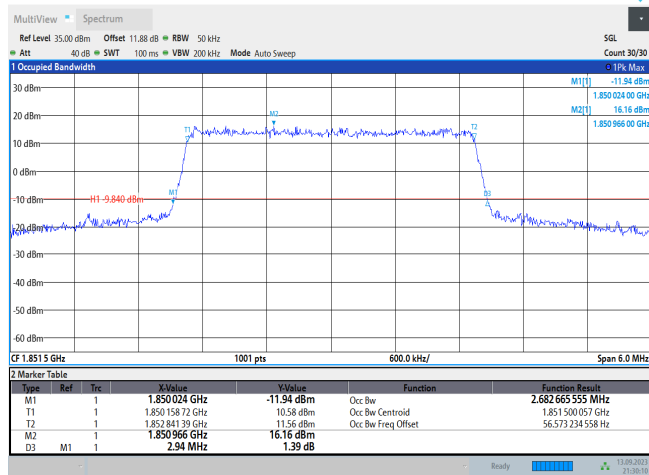
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Band2-3MHz-QPSK-19185-15RB#0



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



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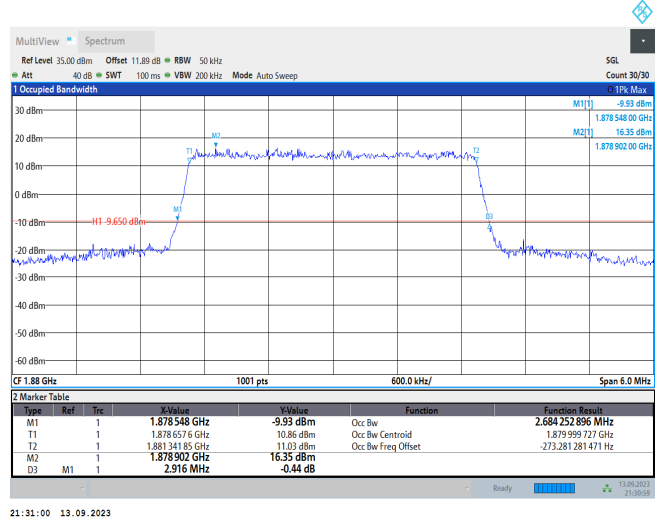


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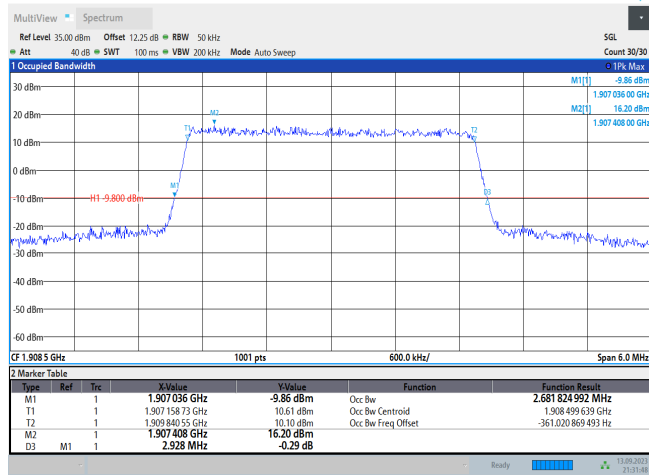
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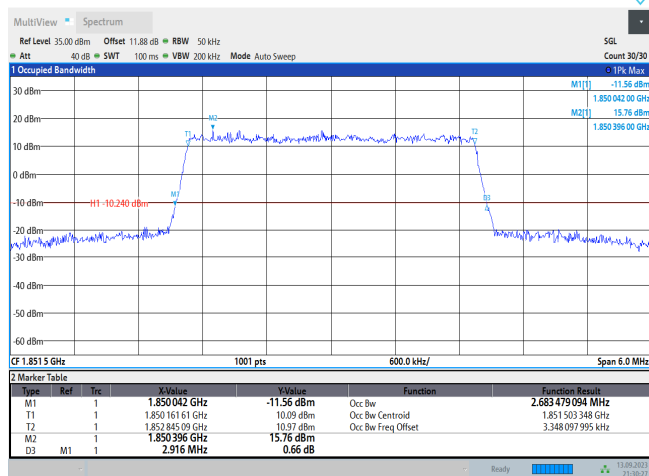
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Band2-3MHz-16QAM-19185-15RB#0



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



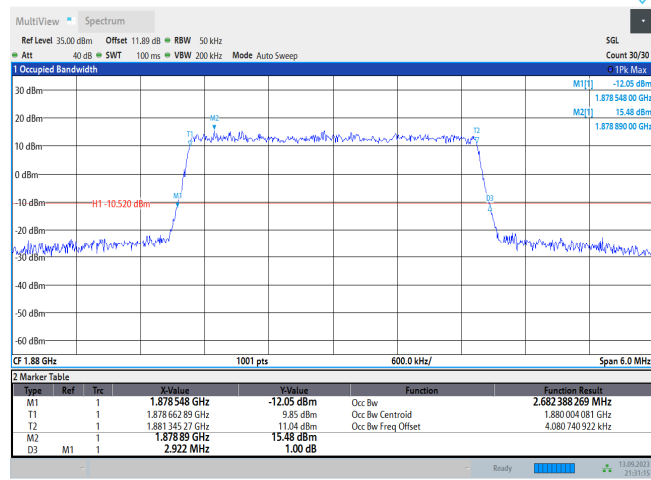
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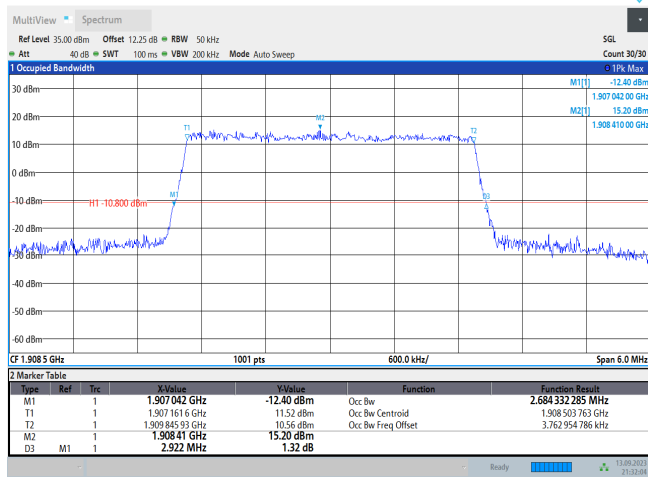
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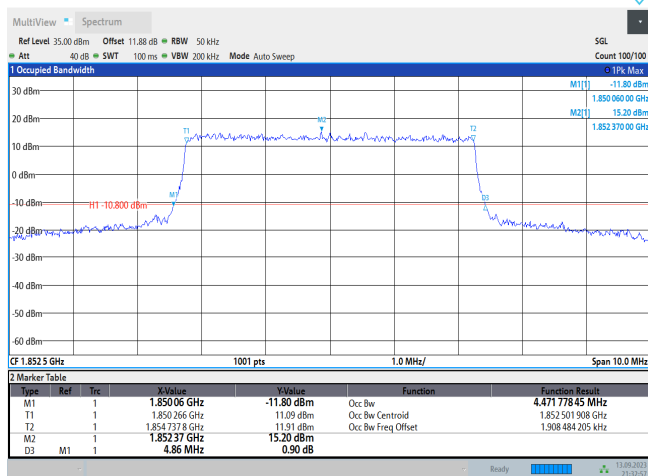
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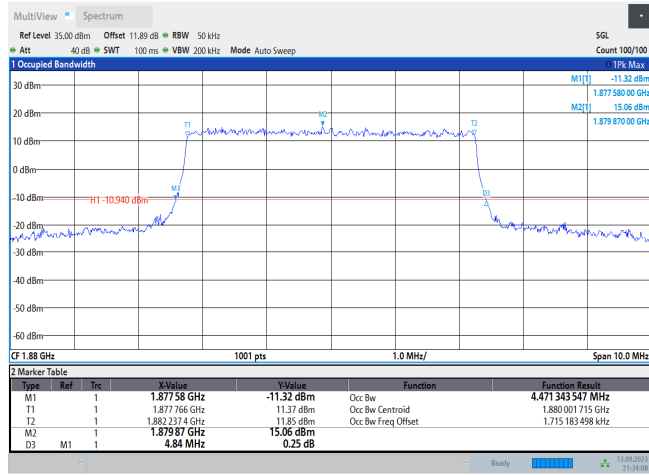
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Band2-5MHz-QPSK-18900-25RB#0



21:34:08 13.09.2023

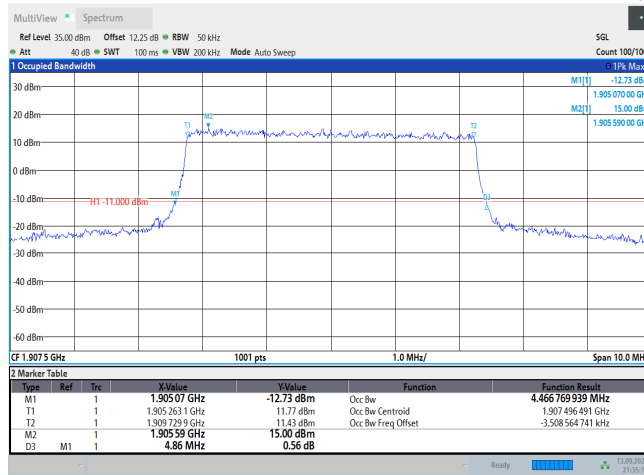


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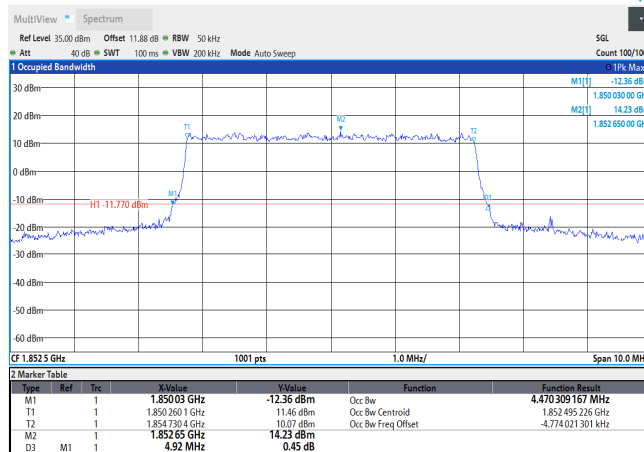
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Band2-5MHz-QPSK-19175-25RB#0



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



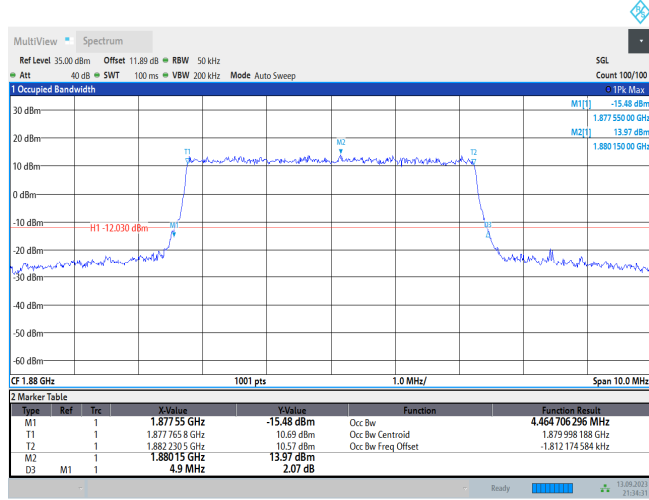
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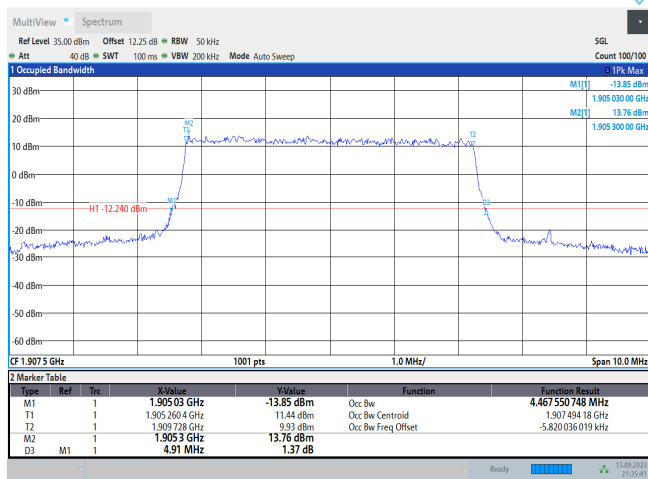
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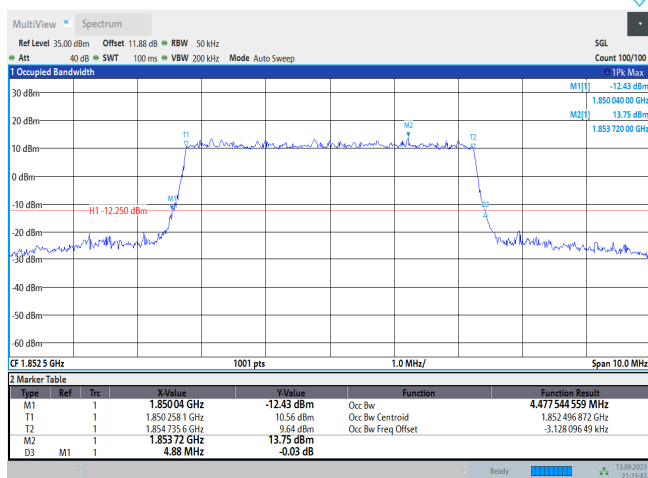
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Band2-5MHz-16QAM-19175-25RB#0



21:35:42 13.09.2023

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



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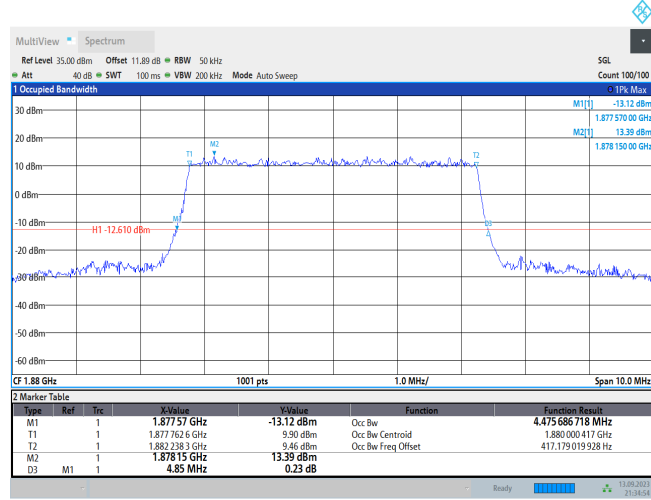


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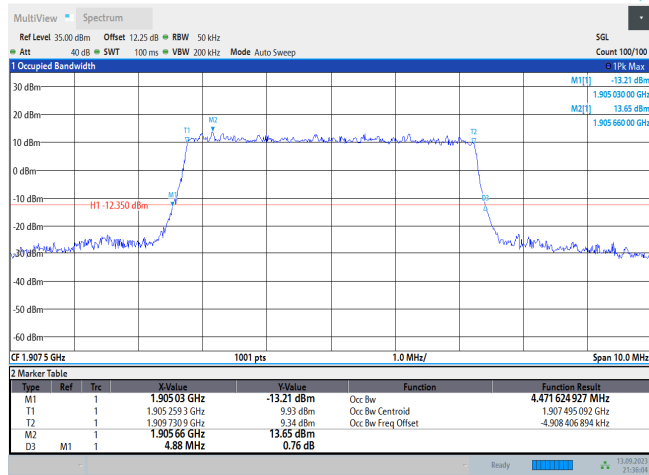
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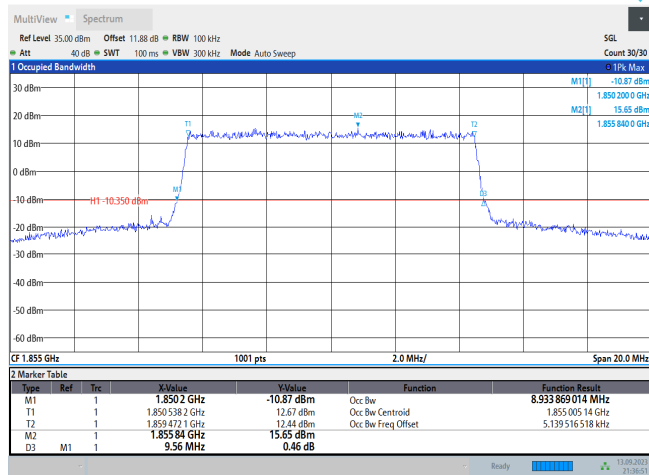


Band2-5MHz-64QAM-19175-25RB#0



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



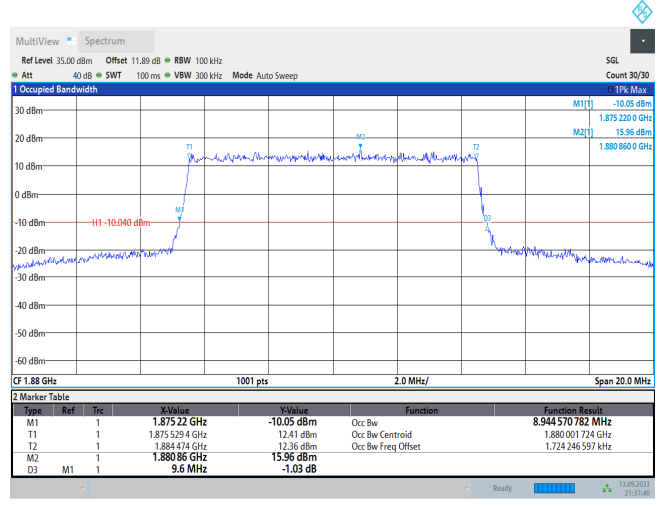
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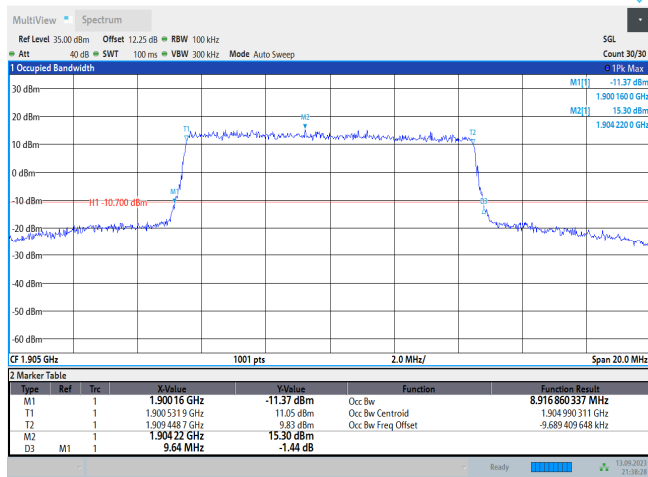
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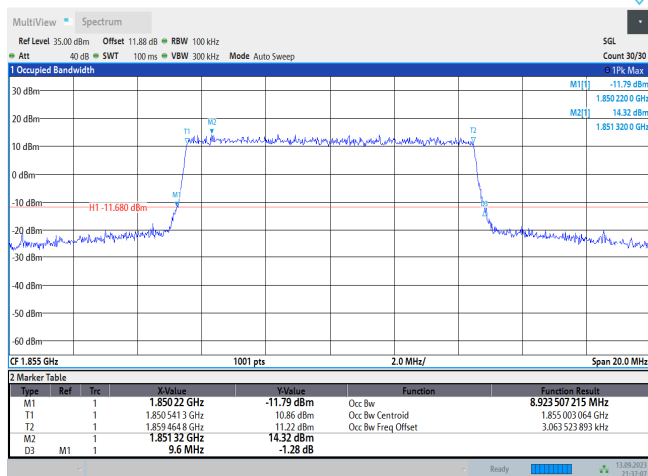
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Band2-10MHz-QPSK-19150-50RB#0



21:38:29 13.09.2023

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



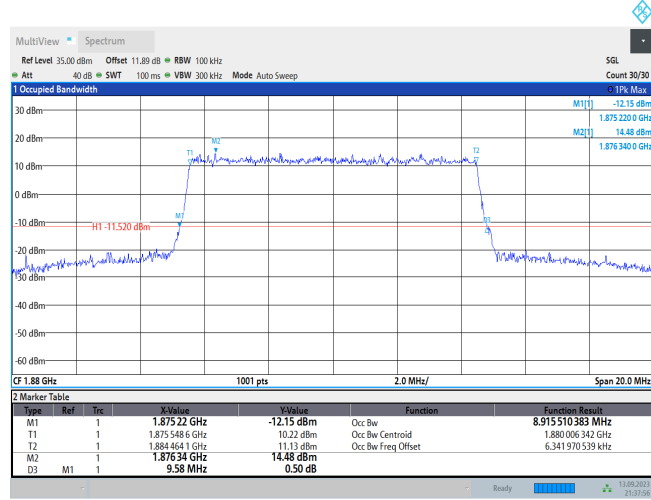
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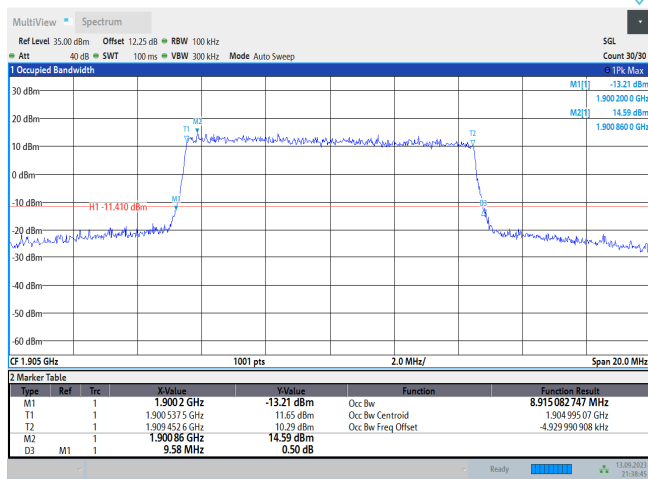


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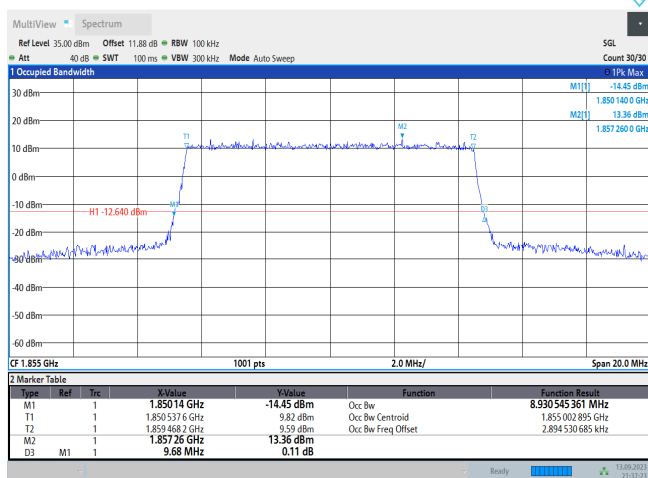
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Band2-10MHz-16QAM-19150-50RB#0



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



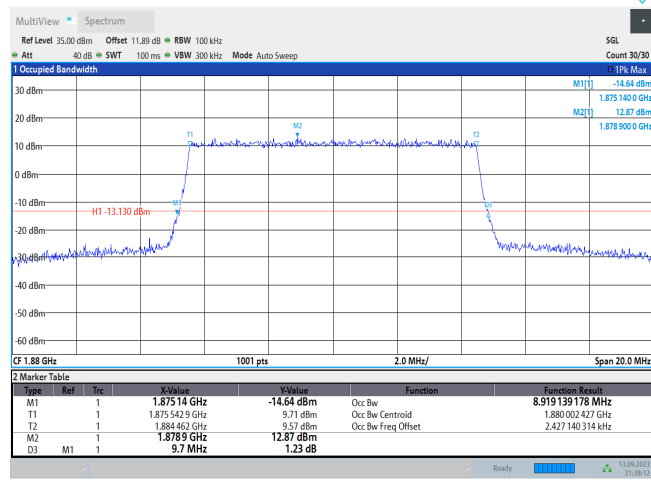
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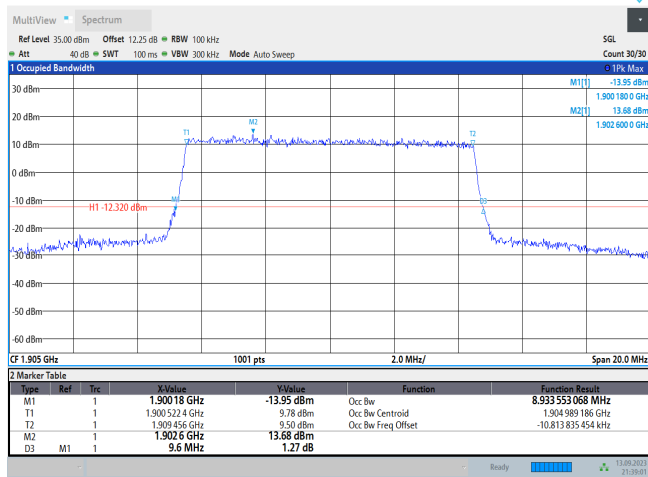
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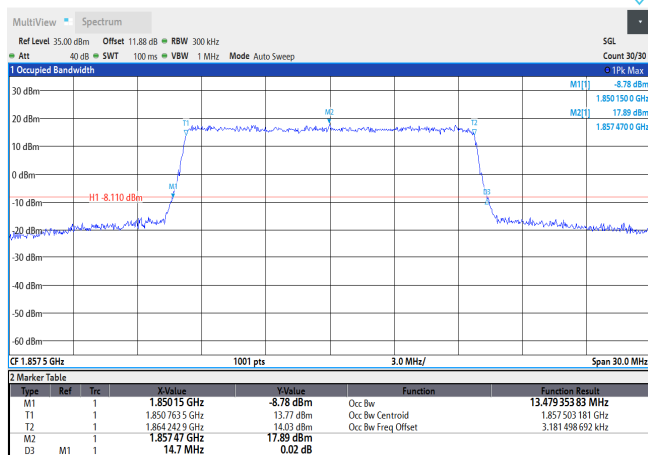
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Band2-10MHz-64QAM-19150-50RB#0



21:39:02 13.09.2023

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



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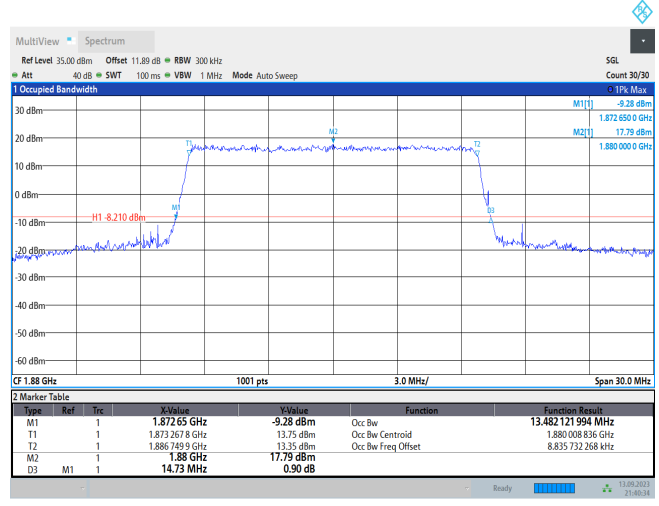


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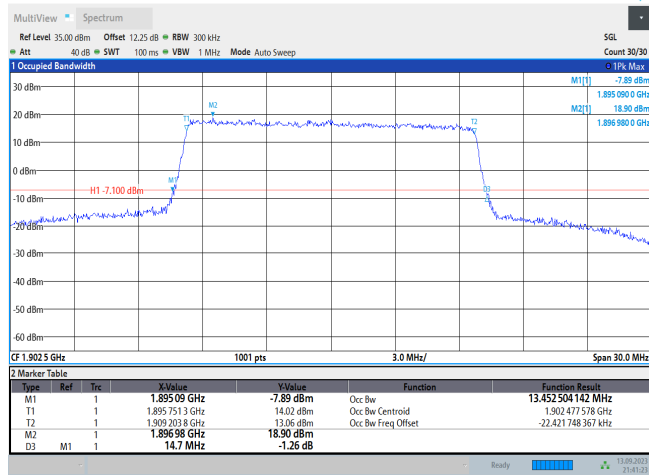


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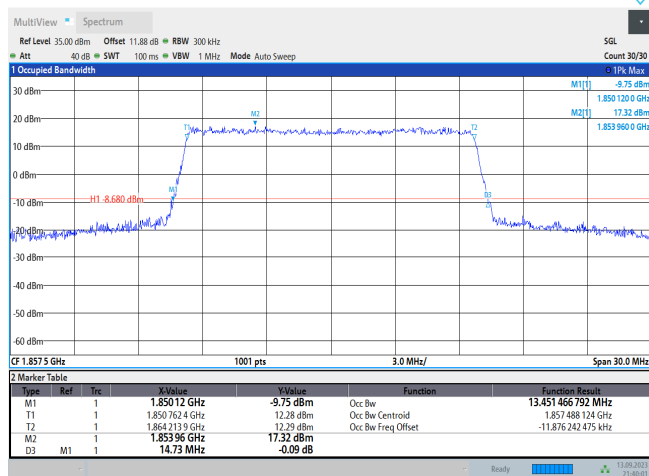
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Band2-15MHz-16QAM-18675-75RB#0



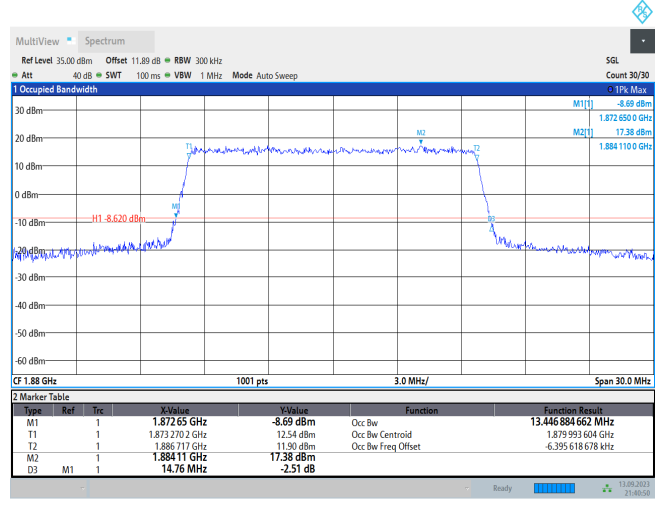
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Band2-15MHz-16QAM-18900-75RB#0



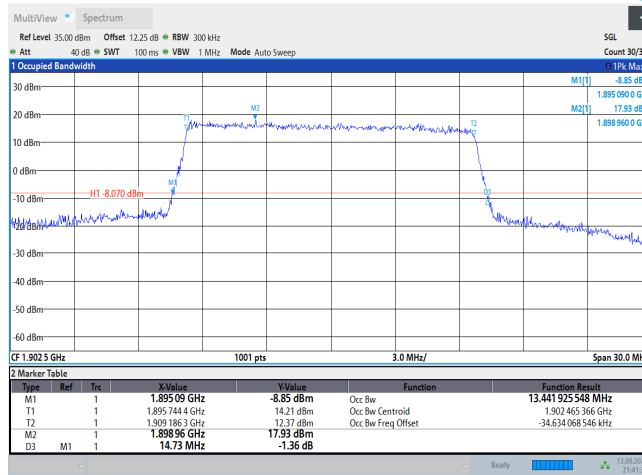
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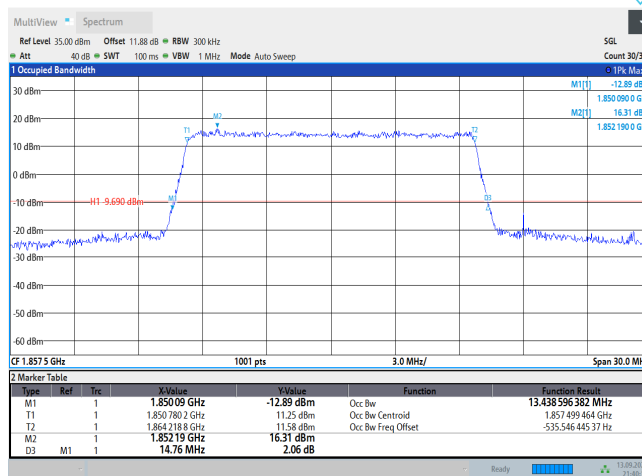
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Band2-15MHz-16QAM-19125-75RB#0



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



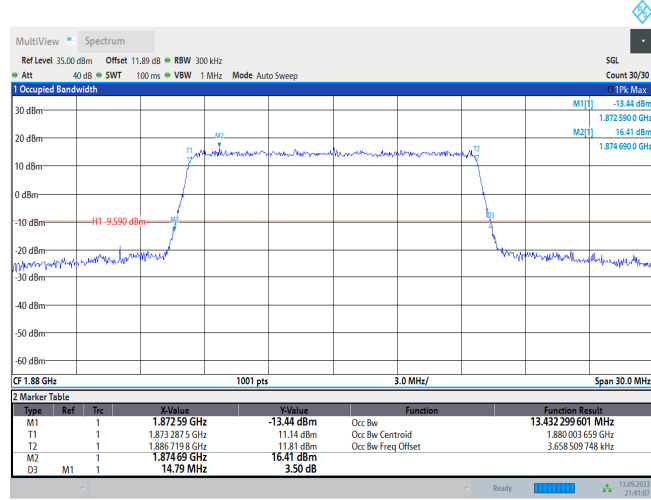
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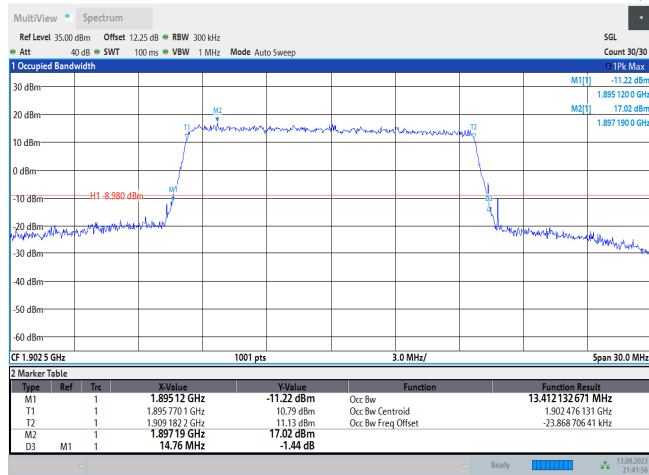
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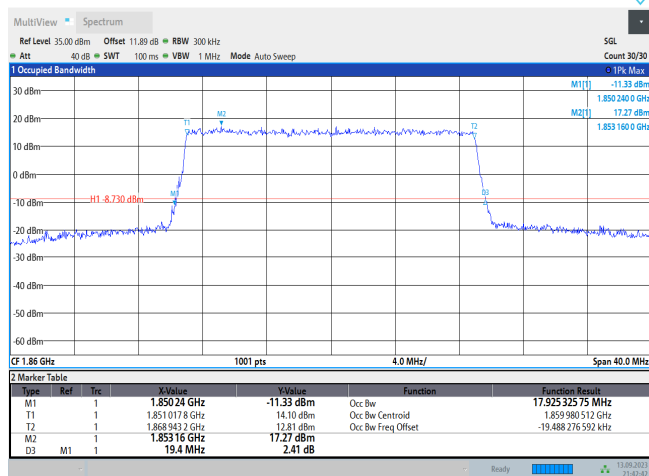
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Band2-15MHz-64QAM-19125-75RB#0



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



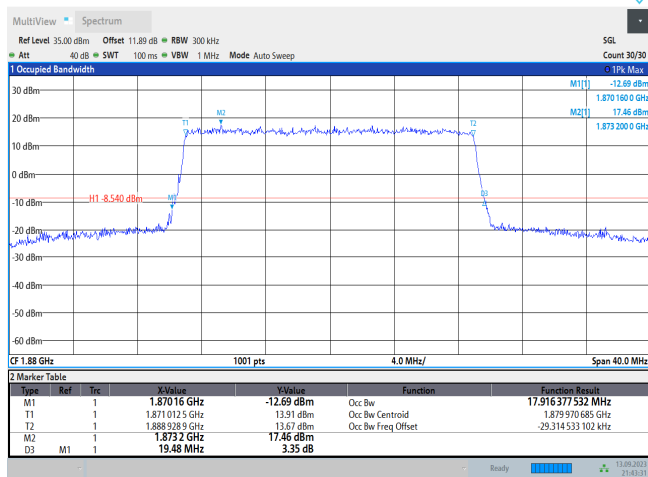
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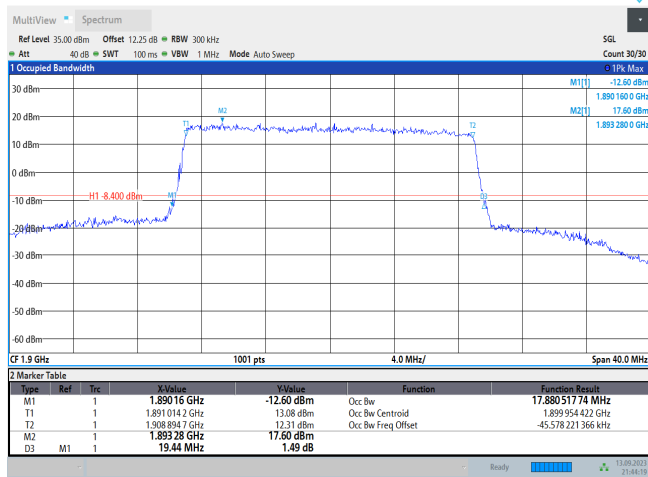
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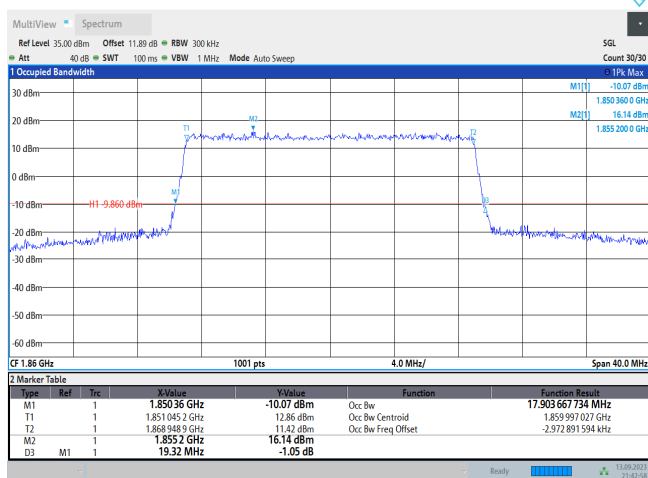


Band2-20MHz-QPSK-19100-100RB#0



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



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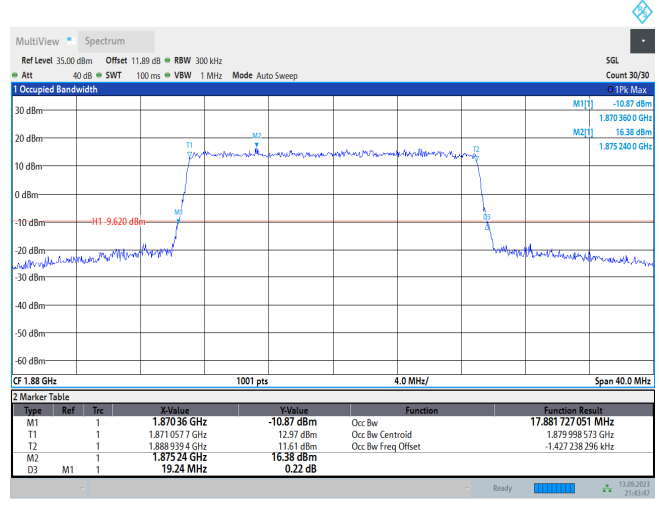


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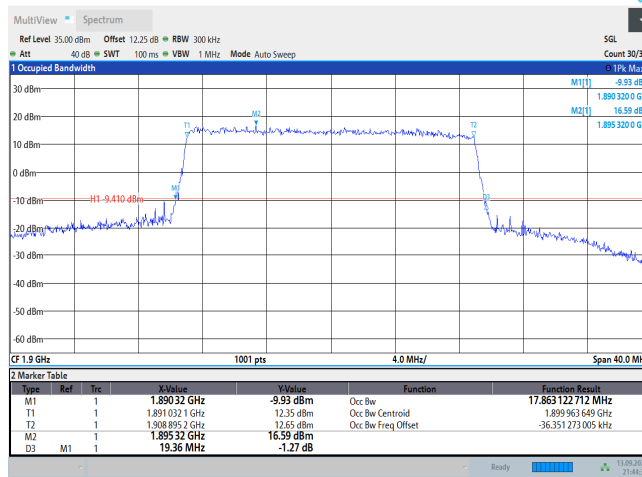
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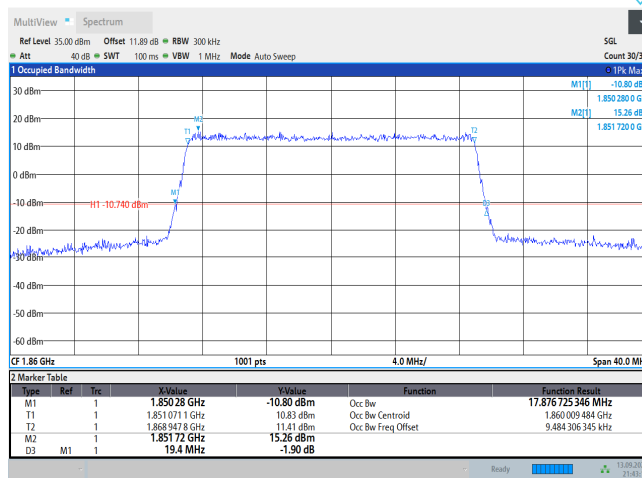
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Band2-20MHz-16QAM-19100-100RB#0



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



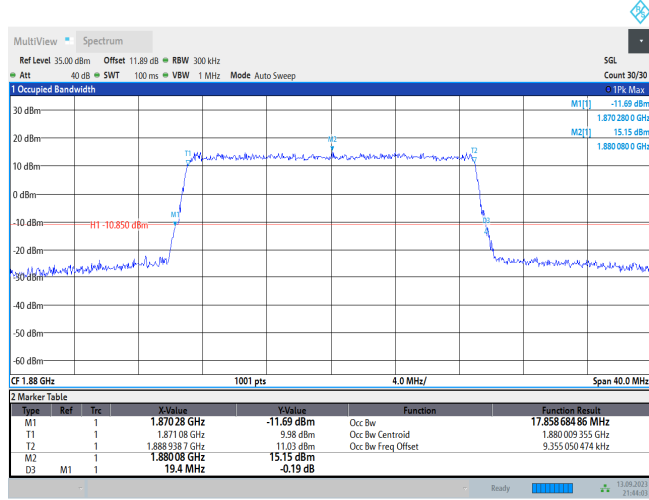
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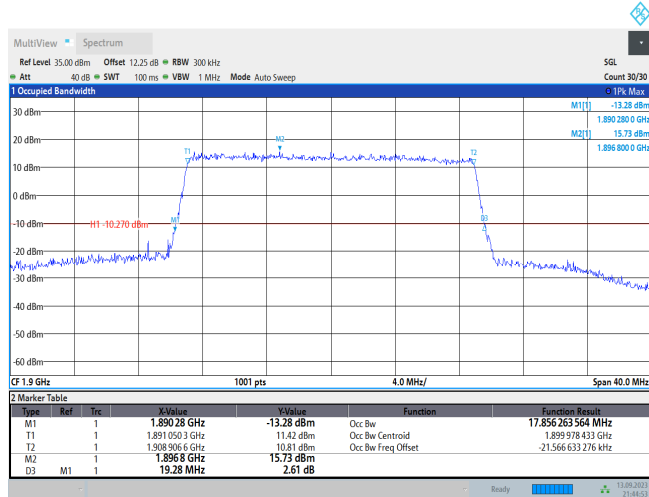
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### Band2-20MHz-64QAM-18900-100RB#0



21:44:04 13.09.2023

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



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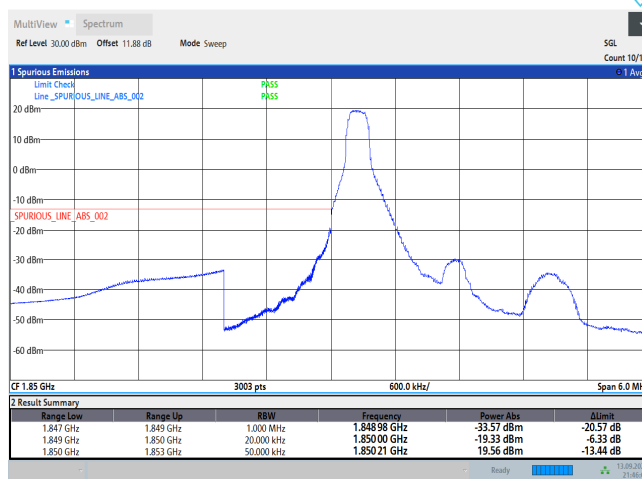
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## Band Edge

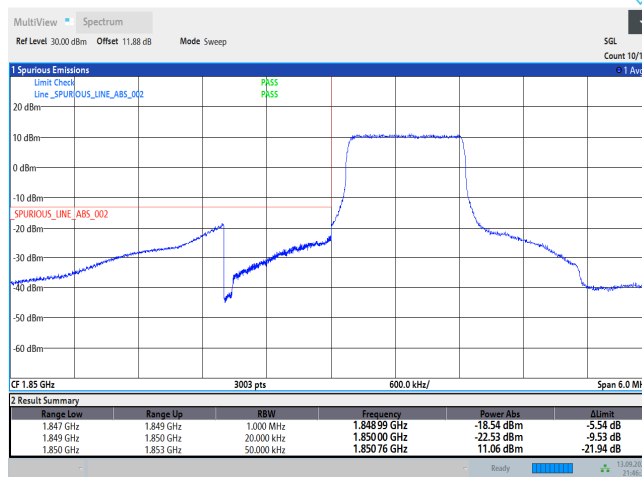
## Test Graphs

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



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



21:46:38 13.09.2023

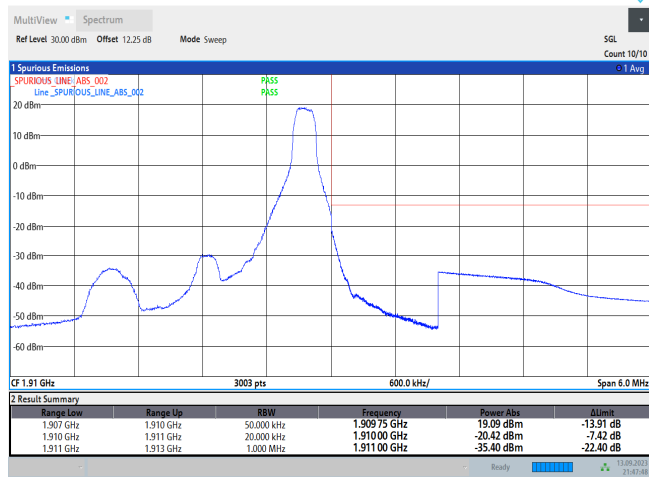


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Band2-1.4MHz-QPSK-19193-1RB#5



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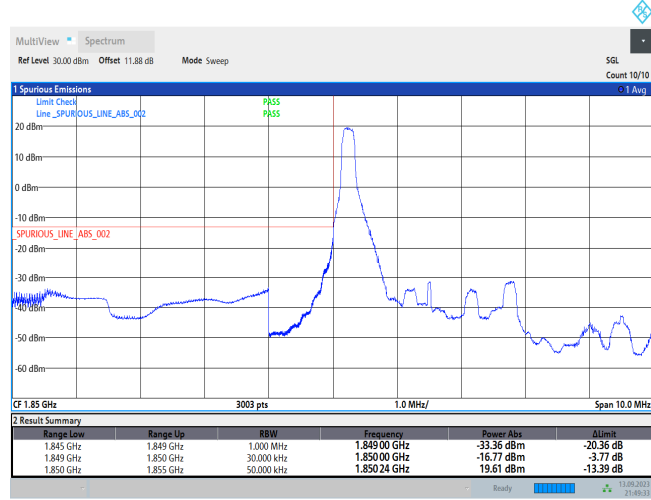
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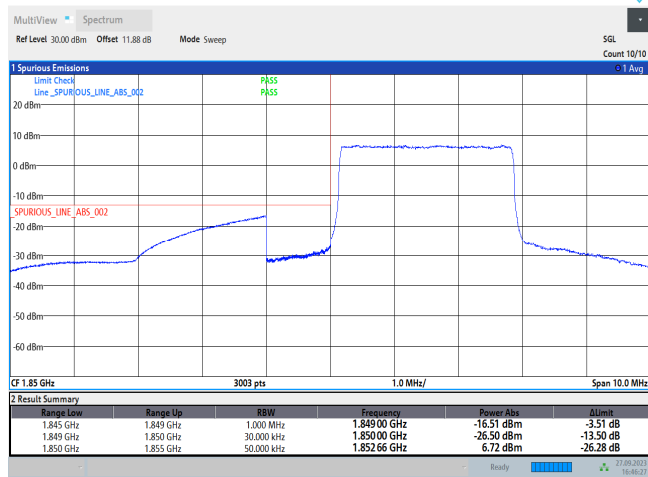
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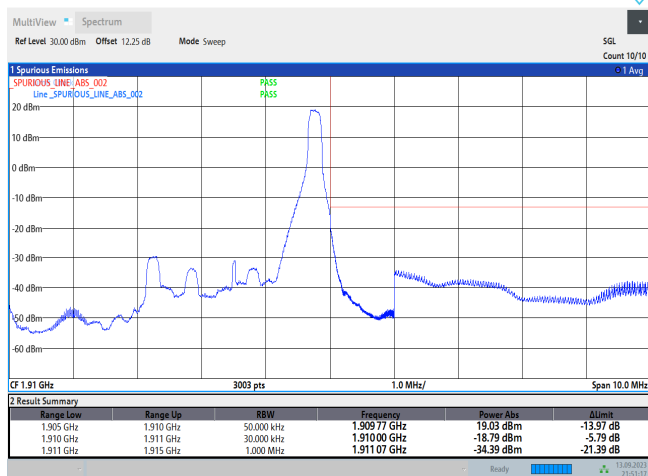
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Band2-3MHz-QPSK-18615-15RB#0



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



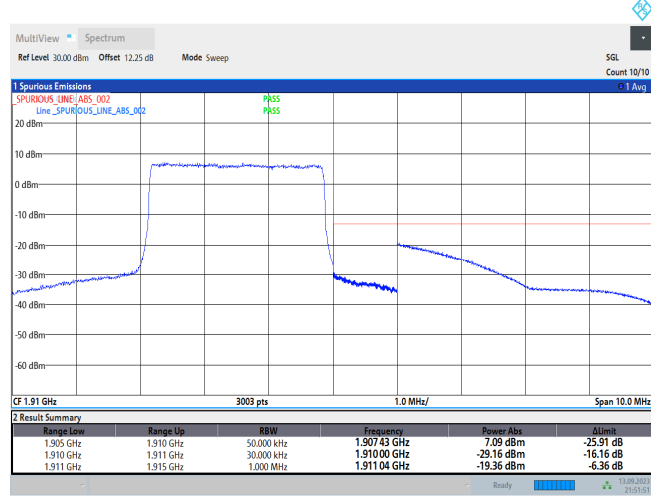
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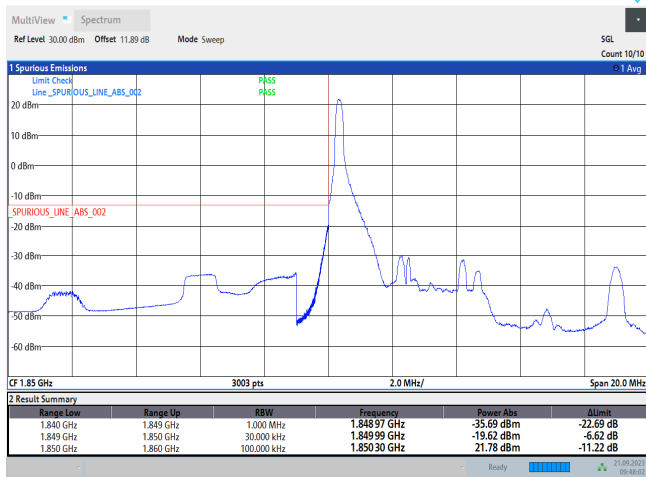


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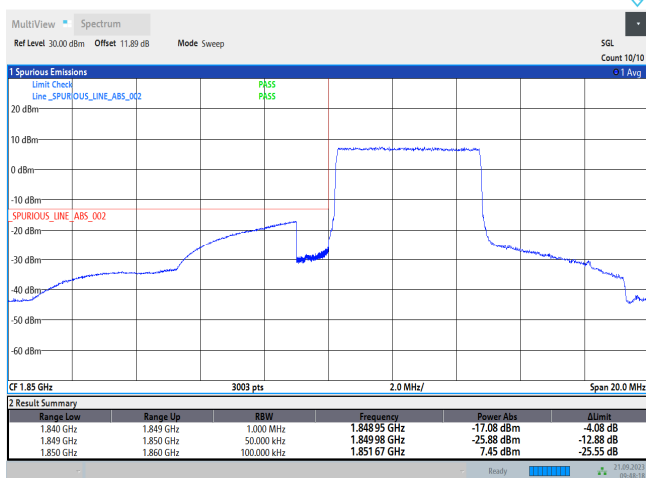


Band2-5MHz-QPSK-18625-1RB#0



09:48:03 21.09.2023

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



09:48:18 21.09.2023

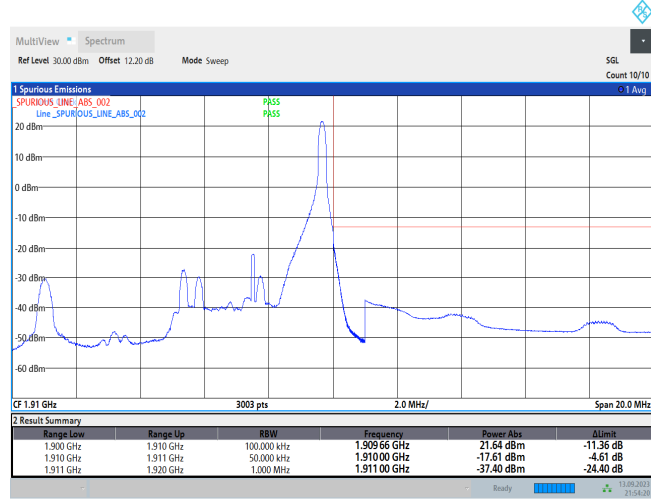


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### Band2-5MHz-QPSK-19175-1RB#24



21:54:21 13. 09. 2023



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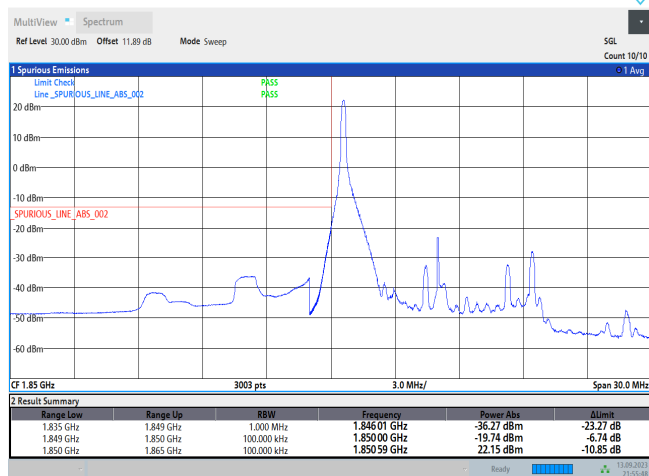
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Band2-5MHz-QPSK-19175-25RB#0



21:54:45 13.09.2023

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



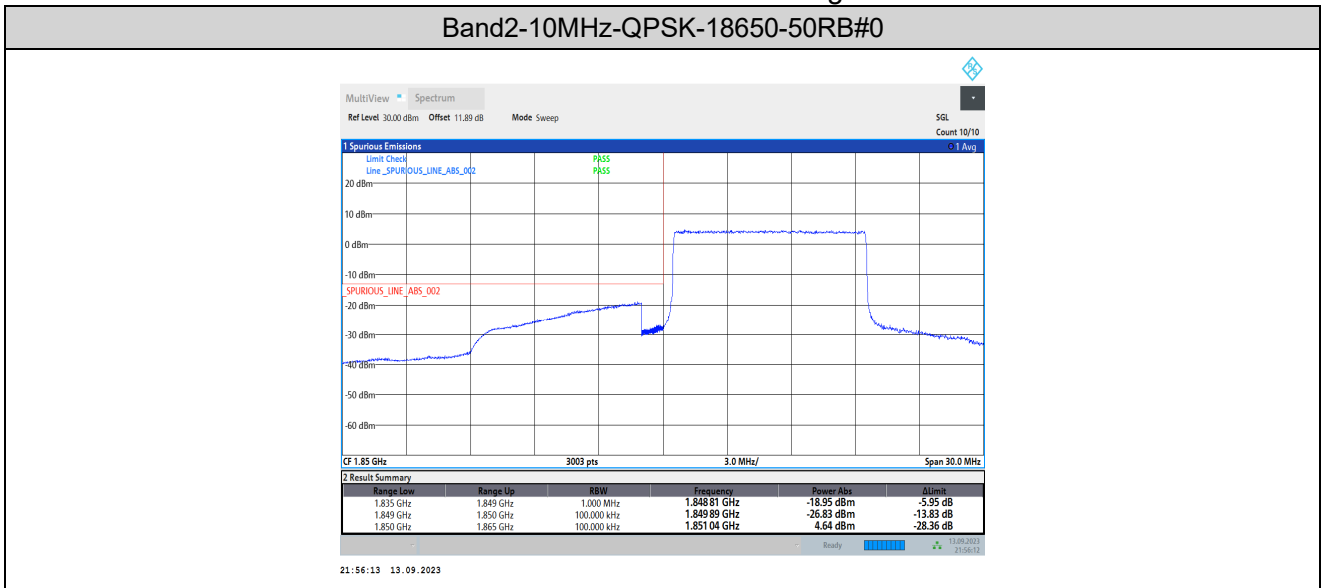
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Band2-10MHz-QPSK-18650-50RB#0

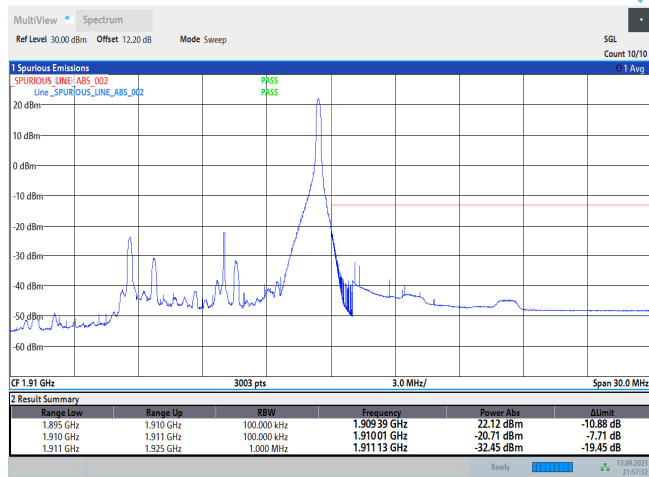


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Band2-10MHz-QPSK-19150-1RB#49



21:57:32 13.09.2023

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



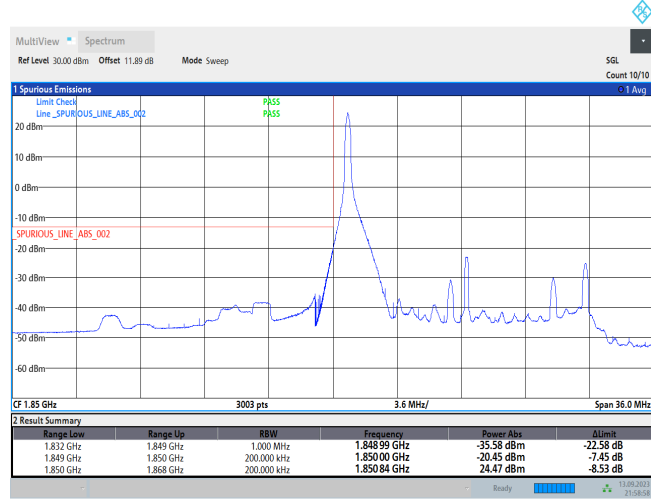
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### Band2-15MHz-QPSK-18675-1RB#0



21:58:59 13.09.2023

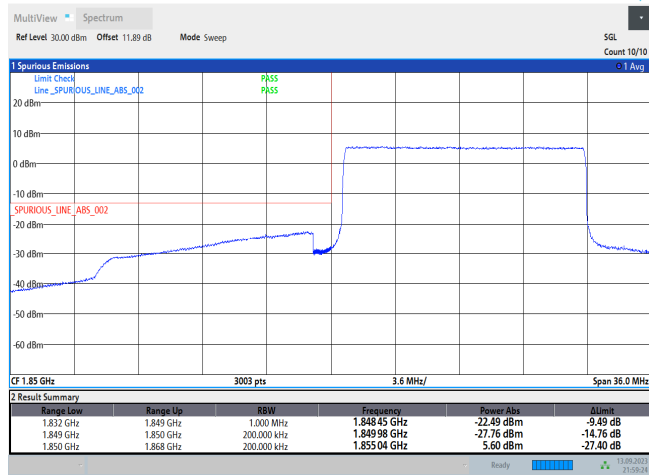


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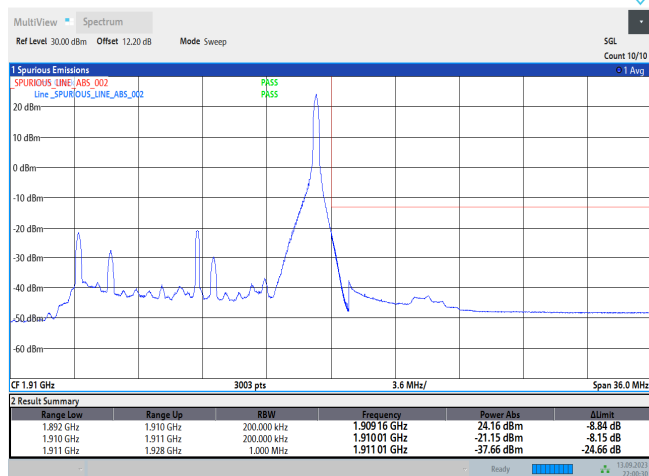
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Band2-15MHz-QPSK-18675-75RB#0



21:59:24 13.09.2023

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



22:00:31 13.09.2023

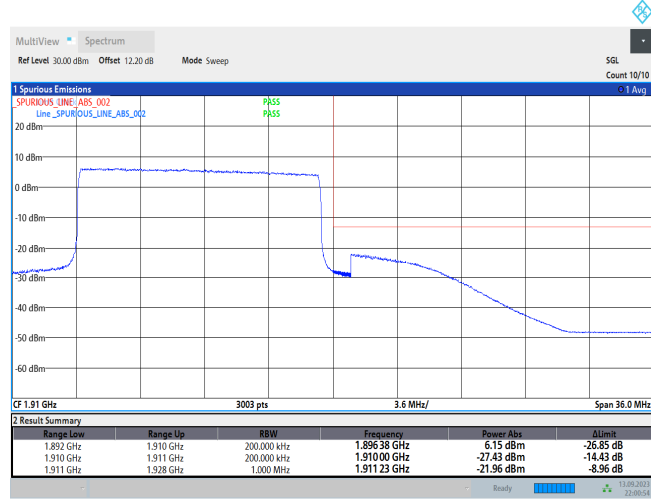


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### Band2-15MHz-QPSK-19125-75RB#0



22:00:55 13.09.2023

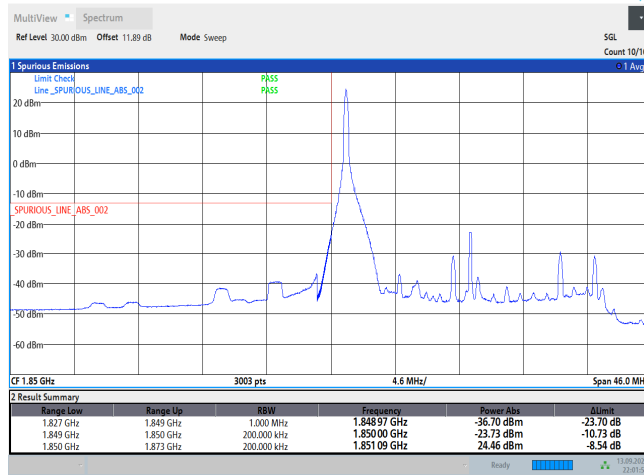


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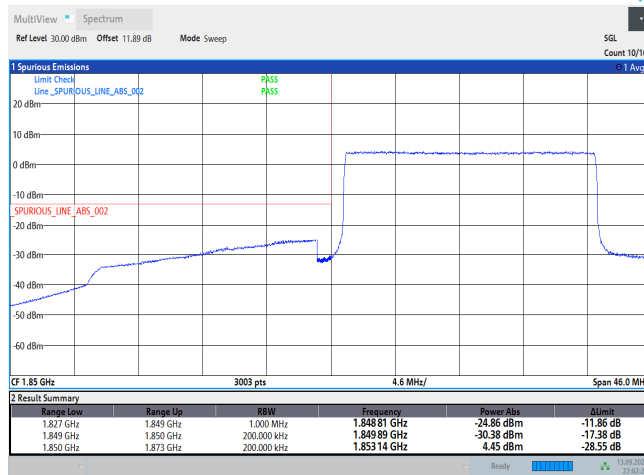


Band2-20MHz-QPSK-18700-1RB#0



22:01:58 13.09.2023

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



22:02:22 13.09.2023

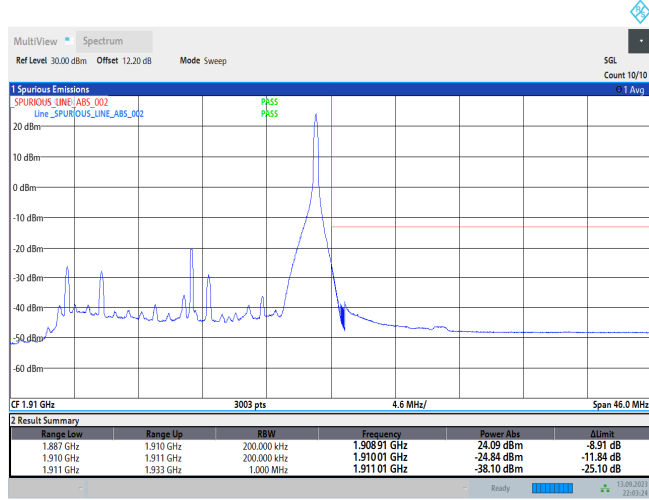


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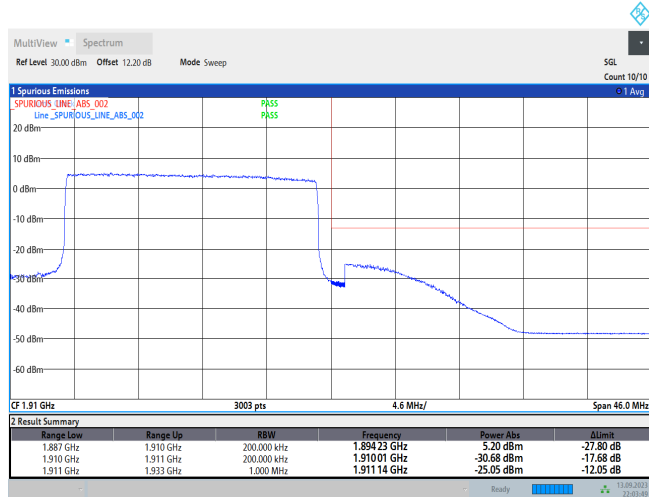
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Band2-20MHz-QPSK-19100-1RB#99



22:03:25 13.09.2023

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



22:03:49 13.09.2023



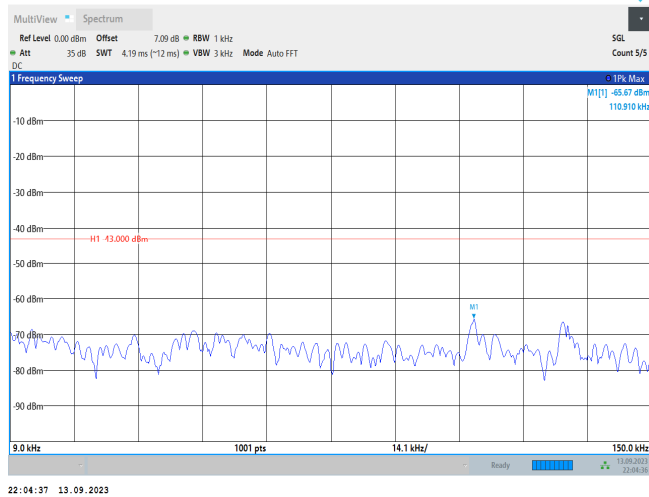
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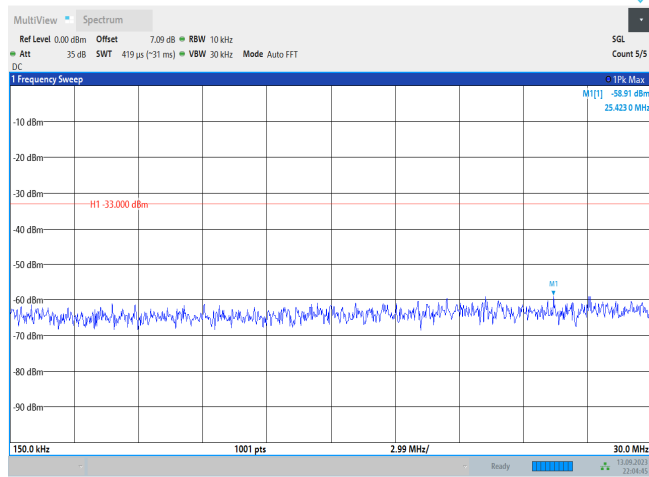
### Test Graphs

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



22:04:37 13.09.2023

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



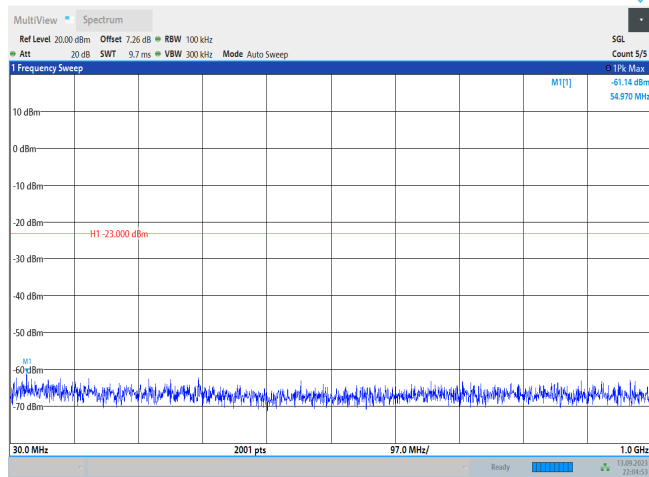
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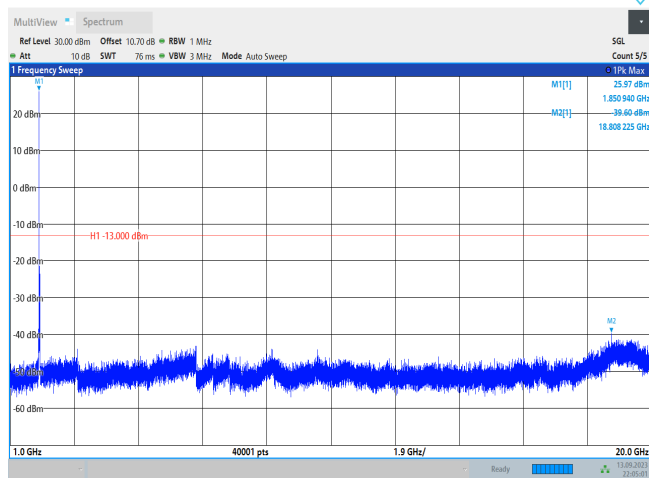
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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



22:04:53 13.09.2023

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



22:05:01 13.09.2023



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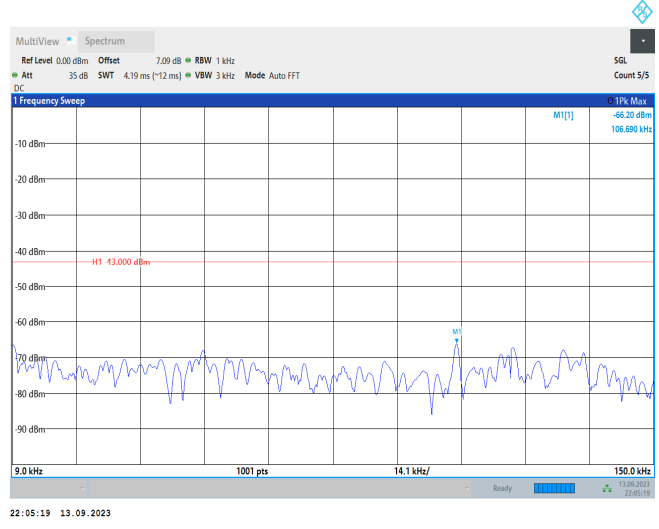


Report No.: XEWM2309000451RG01

Rev.: 01

Page: 69 of 83

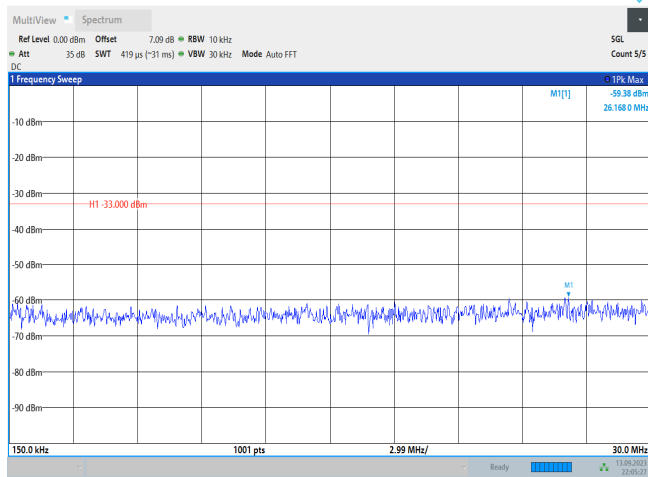
Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



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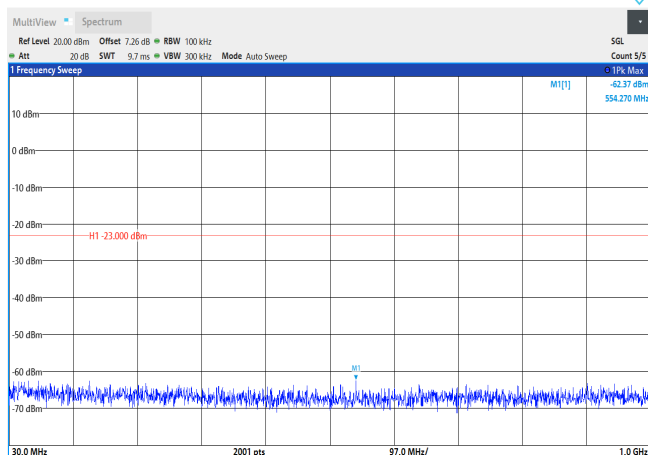
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Band2-20MHz-QPSK-18900-1RB#0-Range2:0.15~30MHz



22:05:27 13.09.2023

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



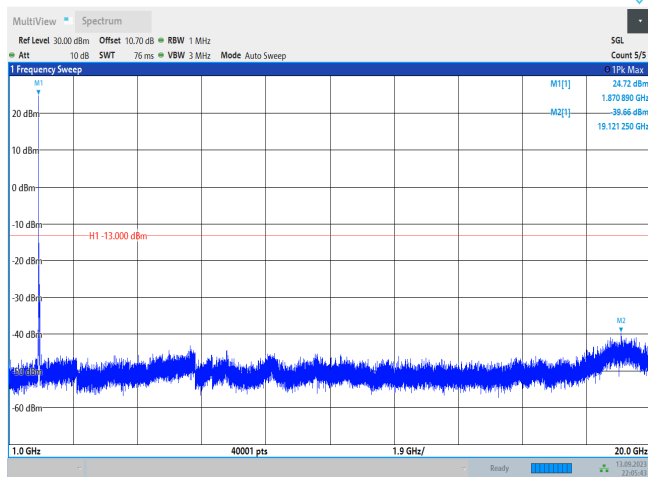
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Band2-20MHz-QPSK-18900-1RB#0-Range4:1000~20000MHz



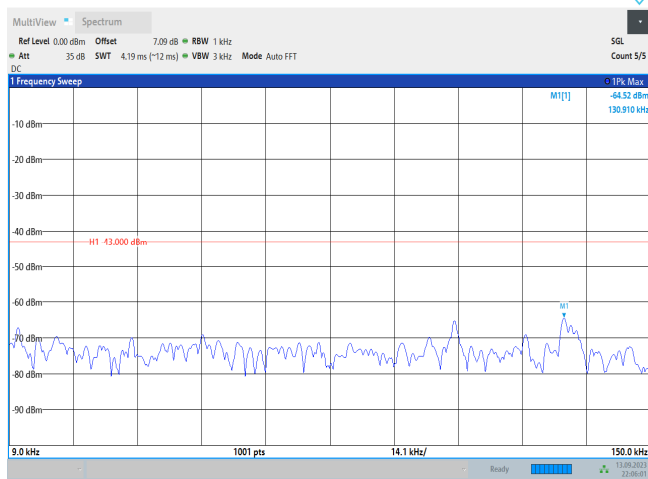
22:05:43 13.09.2023



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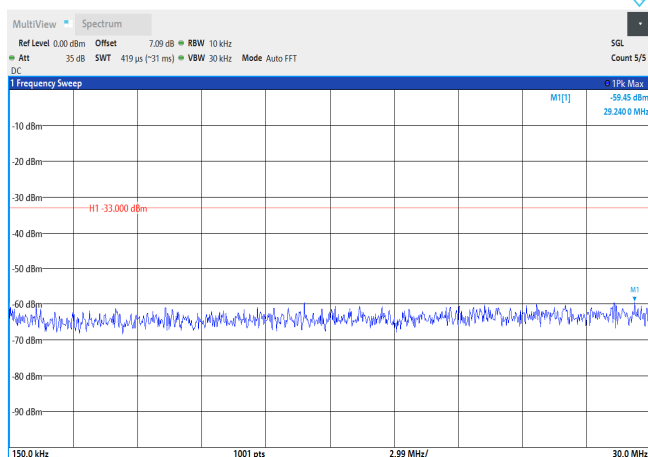
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Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



22:06:01 13.09.2023

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



22:06:09 13.09.2023

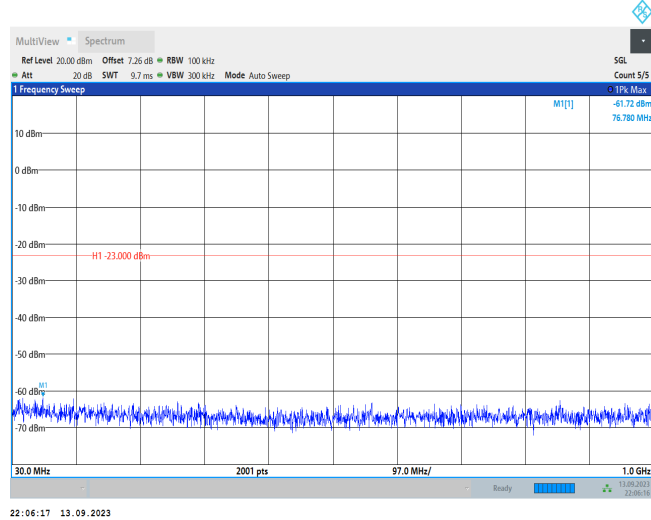


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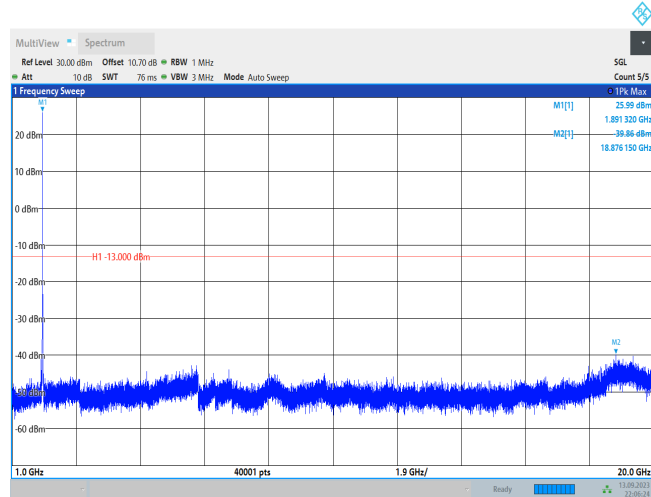


### Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



22:06:17 13.09.2023

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



22:06:25 13.09.2023



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## Field Strength of Spurious Radiation

Test Band = LTE\_2 ANT 3

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3914	47.46	-44.20	29.76	-62.24	-13.00	49.24	Horizontal
2	6349	46.03	-40.78	33.89	-56.12	-13.00	43.12	Horizontal
3	8393.5	43.95	-36.99	36.47	-51.83	-13.00	38.83	Horizontal
4	10942.5	42.80	-37.24	40.16	-49.54	-13.00	36.54	Horizontal
5	13583	43.15	-37.87	40.07	-49.91	-13.00	36.91	Horizontal
6	17990.5	41.45	-43.12	48.03	-48.90	-13.00	35.90	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3930	47.32	-44.19	29.82	-62.31	-13.00	49.31	Vertical
2	5163.5	46.03	-42.54	31.83	-59.94	-13.00	46.94	Vertical
3	7408.5	44.14	-38.28	36.72	-52.68	-13.00	39.68	Vertical
4	9902.5	42.26	-35.03	38.60	-49.43	-13.00	36.43	Vertical
5	13558.5	43.32	-37.90	40.02	-49.82	-13.00	36.82	Vertical
6	16548.5	41.77	-35.48	39.40	-49.57	-13.00	36.57	Vertical



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Test Band = LTE\_2 ANT 3

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3974	47.21	-44.18	29.85	-62.38	-13.00	49.38	Horizontal
2	5601	46.13	-41.44	32.60	-57.97	-13.00	44.97	Horizontal
3	7399	44.36	-38.29	36.70	-52.49	-13.00	39.49	Horizontal
4	9884	42.51	-35.08	38.47	-49.36	-13.00	36.36	Horizontal
5	13576.5	43.02	-37.88	40.05	-50.07	-13.00	37.07	Horizontal
6	17996.5	41.27	-43.07	48.14	-48.92	-13.00	35.92	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3937	47.39	-44.19	29.85	-62.21	-13.00	49.21	Vertical
2	5399.5	45.34	-41.99	32.50	-59.41	-13.00	46.41	Vertical
3	6862.5	44.73	-39.32	35.55	-54.30	-13.00	41.30	Vertical
4	9115	43.14	-36.07	37.03	-51.16	-13.00	38.16	Vertical
5	11257	44.85	-39.41	40.14	-49.68	-13.00	36.68	Vertical
6	18000	41.05	-43.04	48.20	-49.05	-13.00	36.05	Vertical



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Test Band = LTE\_2 ANT 3

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3840.5	47.20	-44.63	29.72	-62.97	-13.00	49.97	Horizontal
2	5589	45.66	-41.49	32.51	-58.58	-13.00	45.58	Horizontal
3	7170.5	43.96	-38.81	36.48	-53.63	-13.00	40.63	Horizontal
4	9106	42.82	-36.07	37.01	-51.50	-13.00	38.50	Horizontal
5	11263	44.78	-39.42	40.14	-49.76	-13.00	36.76	Horizontal
6	17998.5	41.03	-43.05	48.17	-49.11	-13.00	36.11	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3829	47.32	-44.72	29.74	-62.92	-13.00	49.92	Vertical
2	5157.5	46.28	-42.54	31.82	-59.70	-13.00	46.70	Vertical
3	7401.5	44.34	-38.28	36.70	-52.50	-13.00	39.50	Vertical
4	9889.5	42.59	-35.04	38.52	-49.19	-13.00	36.19	Vertical
5	13356	44.13	-38.57	39.73	-49.97	-13.00	36.97	Vertical
6	16483	42.50	-35.48	39.22	-49.02	-13.00	36.02	Vertical



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Test Band = LTE\_2 ANT 4

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3942	46.41	-44.19	29.87	-63.17	-13.00	50.17	Horizontal
2	5696.5	44.83	-41.15	32.50	-59.08	-13.00	46.08	Horizontal
3	6853	43.49	-39.35	35.59	-55.53	-13.00	42.53	Horizontal
4	8472.5	42.39	-36.61	36.45	-53.03	-13.00	40.03	Horizontal
5	11045	41.74	-37.25	40.15	-50.62	-13.00	37.62	Horizontal
6	16387	40.74	-34.89	38.76	-50.65	-13.00	37.65	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3942	46.39	-44.19	29.87	-63.19	-13.00	50.19	Vertical
2	5956.5	44.53	-41.19	32.91	-59.01	-13.00	46.01	Vertical
3	7908	42.40	-37.46	36.48	-53.84	-13.00	40.84	Vertical
4	9886.5	41.35	-35.06	38.49	-50.48	-13.00	37.48	Vertical
5	13565	41.44	-37.89	40.03	-51.68	-13.00	38.68	Vertical
6	16394	40.62	-34.85	38.78	-50.71	-13.00	37.71	Vertical



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Test Band = LTE\_2 ANT 4

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3958	46.34	-44.18	29.88	-63.22	-13.00	50.22	Horizontal
2	5122.5	45.18	-42.53	31.64	-60.97	-13.00	47.97	Horizontal
3	7418.5	43.17	-38.28	36.74	-53.63	-13.00	40.63	Horizontal
4	9887	41.02	-35.06	38.50	-50.80	-13.00	37.80	Horizontal
5	13562	41.65	-37.90	40.02	-51.49	-13.00	38.49	Horizontal
6	16364	40.41	-35.02	38.69	-51.18	-13.00	38.18	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3710.5	47.16	-44.55	29.36	-63.29	-13.00	50.29	Vertical
2	5030.5	45.81	-42.66	31.44	-60.67	-13.00	47.67	Vertical
3	7856	42.27	-37.66	36.76	-53.89	-13.00	40.89	Vertical
4	9890	41.03	-35.04	38.52	-50.75	-13.00	37.75	Vertical
5	13561.5	41.51	-37.90	40.02	-51.63	-13.00	38.63	Vertical
6	16349.5	40.59	-35.10	38.65	-51.12	-13.00	38.12	Vertical



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Test Band = LTE\_2 ANT 4

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3714	47.71	-44.57	29.38	-62.74	-13.00	49.74	Horizontal
2	6595.5	43.74	-40.46	34.77	-57.21	-13.00	44.21	Horizontal
3	8429.5	42.19	-36.83	36.44	-53.46	-13.00	40.46	Horizontal
4	9904	40.79	-35.07	38.60	-50.94	-13.00	37.94	Horizontal
5	13578	41.59	-37.87	40.06	-51.48	-13.00	38.48	Horizontal
6	16389.5	40.28	-34.88	38.77	-51.09	-13.00	38.09	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3951.5	46.59	-44.18	29.90	-62.95	-13.00	49.95	Vertical
2	5519	45.29	-41.77	32.32	-59.42	-13.00	46.42	Vertical
3	7405.5	43.25	-38.28	36.71	-53.58	-13.00	40.58	Vertical
4	9909.5	41.19	-35.21	38.61	-50.67	-13.00	37.67	Vertical
5	13645.5	41.49	-37.92	40.15	-51.54	-13.00	38.54	Vertical
6	16390.5	40.29	-34.87	38.77	-51.07	-13.00	38.07	Vertical



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Test Band = LTE\_2 ANT 5

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3668	47.25	-44.46	29.30	-63.17	-13.00	50.17	Horizontal
2	5588.5	44.59	-41.49	32.51	-59.65	-13.00	46.65	Horizontal
3	7395.5	43.80	-38.31	36.68	-53.09	-13.00	40.09	Horizontal
4	9877.5	40.81	-35.13	38.42	-51.16	-13.00	38.16	Horizontal
5	13649	41.69	-37.92	40.15	-51.34	-13.00	38.34	Horizontal
6	17986	39.43	-43.15	47.95	-51.03	-13.00	38.03	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3665.5	47.12	-44.45	29.30	-63.29	-13.00	50.29	Vertical
2	5096	45.42	-42.53	31.51	-60.86	-13.00	47.86	Vertical
3	7418.5	43.27	-38.28	36.74	-53.53	-13.00	40.53	Vertical
4	9904.5	41.01	-35.08	38.60	-50.73	-13.00	37.73	Vertical
5	11243.5	42.88	-39.37	40.16	-51.59	-13.00	38.59	Vertical
6	16397.5	40.21	-34.83	38.79	-51.09	-13.00	38.09	Vertical



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Test Band = LTE\_2 ANT 5

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3948	46.39	-44.19	29.89	-63.17	-13.00	50.17	Horizontal
2	5165	45.02	-42.54	31.83	-60.95	-13.00	47.95	Horizontal
3	7408.5	43.22	-38.28	36.72	-53.60	-13.00	40.60	Horizontal
4	9390.5	40.82	-35.44	37.32	-52.56	-13.00	39.56	Horizontal
5	13296.5	41.51	-38.28	39.89	-52.14	-13.00	39.14	Horizontal
6	16385.5	40.19	-34.90	38.76	-51.21	-13.00	38.21	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3687.5	47.24	-44.49	29.30	-63.21	-13.00	50.21	Vertical
2	5085.5	45.05	-42.55	31.53	-61.23	-13.00	48.23	Vertical
3	7382	43.37	-38.39	36.63	-53.65	-13.00	40.65	Vertical
4	9909.5	40.95	-35.21	38.61	-50.91	-13.00	37.91	Vertical
5	13566	41.58	-37.89	40.03	-51.54	-13.00	38.54	Vertical
6	16396	40.54	-34.84	38.79	-50.77	-13.00	37.77	Vertical



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Test Band = LTE\_2 ANT 5

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3730	47.13	-44.64	29.48	-63.29	-13.00	50.29	Horizontal
2	5463	44.28	-41.90	32.25	-60.63	-13.00	47.63	Horizontal
3	7423	43.13	-38.28	36.75	-53.66	-13.00	40.66	Horizontal
4	9866.5	41.50	-35.22	38.33	-50.65	-13.00	37.65	Horizontal
5	13561	41.64	-37.90	40.02	-51.50	-13.00	38.50	Horizontal
6	17988.5	39.47	-43.13	47.99	-50.93	-13.00	37.93	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3952.5	46.32	-44.18	29.90	-63.22	-13.00	50.22	Vertical
2	5696	44.63	-41.15	32.50	-59.28	-13.00	46.28	Vertical
3	7429	42.86	-38.28	36.76	-53.92	-13.00	40.92	Vertical
4	9883	40.95	-35.09	38.46	-50.94	-13.00	37.94	Vertical
5	13574	42.13	-37.88	40.05	-50.96	-13.00	37.96	Vertical
6	17991.5	39.44	-43.11	48.05	-50.88	-13.00	37.88	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

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	7.30	0.003883	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	5.50	0.002926	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-3.10	-0.001649	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	12.10	0.006436	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	10.50	0.005585	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	1.30	0.000691	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	3.70	0.001968	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-1.30	-0.000691	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-3.40	-0.001809	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-2.50	-0.001330	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-1.90	-0.001011	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	4.30	0.002287	PASS

---End of Attachment---



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