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Appendix B.14

LTE Band 66



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant0:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	24.12	23.12	33.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	24.10	23.10	33.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	24.06	23.06	33.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	23.10	22.10	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	24.15	23.15	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	24.16	23.16	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	24.10	23.10	33.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	23.17	22.17	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.99	22.99	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.95	22.95	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.98	22.98	33.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	23.01	22.01	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	23.43	22.43	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	23.45	22.45	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	23.59	22.59	33.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	22.28	21.28	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	23.40	22.40	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	23.54	22.54	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	23.58	22.58	33.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	22.29	21.29	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	23.35	22.35	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	23.43	22.43	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	23.42	22.42	33.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	22.19	21.19	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	22.22	21.22	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	22.49	21.49	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	22.30	21.30	33.00	PASS



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Band66	1.4MHz	64QAM	131979	6RB#0	21.23	20.23	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	22.31	21.31	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	22.33	21.33	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	22.52	21.52	33.00	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	21.30	20.30	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	22.26	21.26	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	22.24	21.24	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	22.17	21.17	33.00	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	21.13	20.13	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	24.05	23.05	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	24.07	23.07	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	24.05	23.05	33.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	23.21	22.21	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	24.13	23.13	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	24.12	23.12	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	24.11	23.11	33.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	23.14	22.14	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.92	22.92	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	24.01	23.01	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.97	22.97	33.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	23.13	22.13	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	23.30	22.30	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	23.45	22.45	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	23.47	22.47	33.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	22.26	21.26	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	23.70	22.70	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	23.61	22.61	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	23.58	22.58	33.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	22.22	21.22	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	23.32	22.32	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	23.56	22.56	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	23.37	22.37	33.00	PASS



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Band66	3MHz	16QAM	132657	15RB#0	22.10	21.10	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#0	22.39	21.39	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#8	22.54	21.54	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#14	22.40	21.40	33.00	PASS
Band66	3MHz	64QAM	131987	15RB#0	21.31	20.31	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#0	22.32	21.32	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#8	22.40	21.40	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#14	22.46	21.46	33.00	PASS
Band66	3MHz	64QAM	132322	15RB#0	21.21	20.21	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#0	22.23	21.23	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#8	22.36	21.36	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#14	22.15	21.15	33.00	PASS
Band66	3MHz	64QAM	132657	15RB#0	21.16	20.16	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	24.07	23.07	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	24.14	23.14	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	24.06	23.06	33.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	23.20	22.20	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	24.13	23.13	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	24.14	23.14	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	24.05	23.05	33.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	23.15	22.15	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.98	22.98	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	24.05	23.05	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.95	22.95	33.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	23.09	22.09	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	23.53	22.53	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.62	22.62	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	23.54	22.54	33.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	22.25	21.25	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	23.35	22.35	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	23.57	22.57	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	23.46	22.46	33.00	PASS



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Band66	5MHz	16QAM	132322	25RB#0	22.16	21.16	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	23.39	22.39	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	23.31	22.31	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	23.22	22.22	33.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	22.14	21.14	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#0	22.37	21.37	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#12	22.42	21.42	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#24	22.36	21.36	33.00	PASS
Band66	5MHz	64QAM	131997	25RB#0	21.28	20.28	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#0	22.33	21.33	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#12	22.41	21.41	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#24	22.33	21.33	33.00	PASS
Band66	5MHz	64QAM	132322	25RB#0	21.17	20.17	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#0	22.12	21.12	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#12	22.39	21.39	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#24	22.26	21.26	33.00	PASS
Band66	5MHz	64QAM	132647	25RB#0	21.16	20.16	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	-40.98	23.06	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	24.17	23.17	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	24.09	23.09	33.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	23.24	22.24	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	24.05	23.05	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	24.17	23.17	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	24.12	23.12	33.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	23.15	22.15	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	24.04	23.04	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	24.06	23.06	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	24.03	23.03	33.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	23.11	22.11	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	23.29	22.29	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	23.57	22.57	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	23.37	22.37	33.00	PASS



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Band66	10MHz	16QAM	132022	50RB#0	22.24	21.24	33.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	23.63	22.63	33.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	23.48	22.48	33.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	23.41	22.41	33.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	22.13	21.13	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	23.20	22.20	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	23.40	22.40	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	23.29	22.29	33.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	22.13	21.13	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#0	22.22	21.22	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#24	22.33	21.33	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#49	22.28	21.28	33.00	PASS
Band66	10MHz	64QAM	132022	50RB#0	21.26	20.26	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#0	22.39	21.39	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#24	22.41	21.41	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#49	22.52	21.52	33.00	PASS
Band66	10MHz	64QAM	132322	50RB#0	21.19	20.19	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#0	22.28	21.28	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#24	22.42	21.42	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#49	22.26	21.26	33.00	PASS
Band66	10MHz	64QAM	132622	50RB#0	21.15	20.15	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.88	22.88	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.99	22.99	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	24.05	23.05	33.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	23.05	22.05	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.95	22.95	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	24.02	23.02	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	24.06	23.06	33.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	23.12	22.12	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.79	22.79	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.85	22.85	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.94	22.94	33.00	PASS



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Band66	15MHz	QPSK	132597	75RB#0	23.09	22.09	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	23.13	22.13	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	23.33	22.33	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	23.42	22.42	33.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	22.10	21.10	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	23.23	22.23	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	23.34	22.34	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	23.72	22.72	33.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	22.08	21.08	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	23.67	22.67	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	23.14	22.14	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	23.15	22.15	33.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	22.05	21.05	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#0	22.57	21.57	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#38	22.29	21.29	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#74	22.14	21.14	33.00	PASS
Band66	15MHz	64QAM	132047	75RB#0	21.12	20.12	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#0	22.08	21.08	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#38	22.34	21.34	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#74	22.43	21.43	33.00	PASS
Band66	15MHz	64QAM	132322	75RB#0	21.07	20.07	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#0	22.05	21.05	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#38	22.07	21.07	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#74	22.06	21.06	33.00	PASS
Band66	15MHz	64QAM	132597	75RB#0	21.09	20.09	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.86	22.86	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.96	22.96	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	24.10	23.10	33.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	23.08	22.08	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.90	22.90	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.95	22.95	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	24.04	23.04	33.00	PASS



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Band66	20MHz	QPSK	132322	100RB#0	23.11	22.11	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.83	22.83	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.86	22.86	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.86	22.86	33.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.97	21.97	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	23.21	22.21	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	23.24	22.24	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	23.40	22.40	33.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	22.12	21.12	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	23.33	22.33	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	23.30	22.30	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	23.33	22.33	33.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	22.09	21.09	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	23.01	22.01	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	23.29	22.29	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	23.33	22.33	33.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	22.00	21.00	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#0	22.27	21.27	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#49	22.26	21.26	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#99	22.14	21.14	33.00	PASS
Band66	20MHz	64QAM	132072	100RB#0	21.08	20.08	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#0	22.14	21.14	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#49	22.33	21.33	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#99	22.27	21.27	33.00	PASS
Band66	20MHz	64QAM	132322	100RB#0	21.10	20.10	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.99	20.99	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#49	22.09	21.09	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#99	22.05	21.05	33.00	PASS
Band66	20MHz	64QAM	132572	100RB#0	21.06	20.06	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
Band66	20MHz	QPSK	132072	100RB#0	5.28	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.40	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.14	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.12	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.14	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.98	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.50	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.62	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.44	13	PASS



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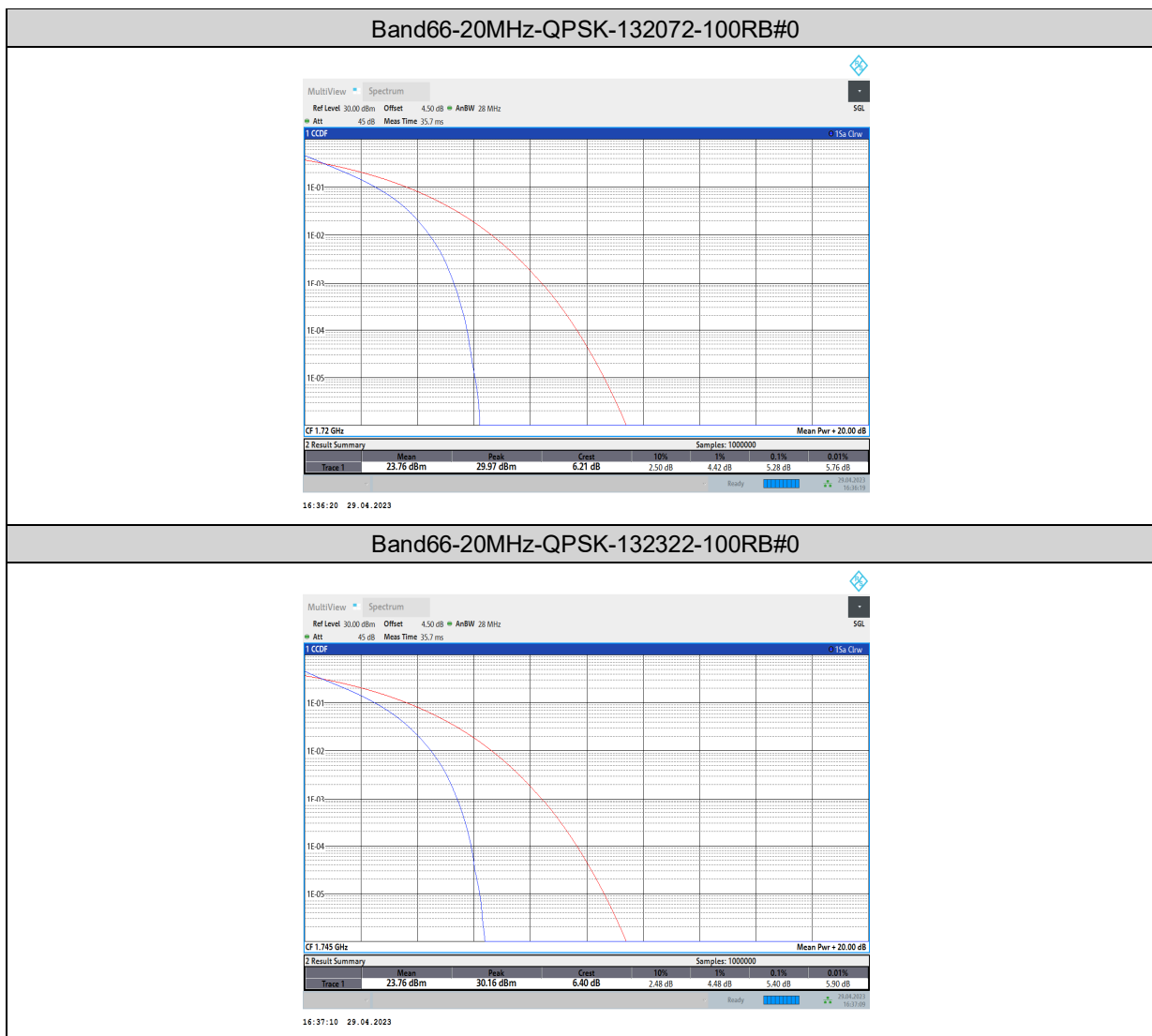
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Test Graphs



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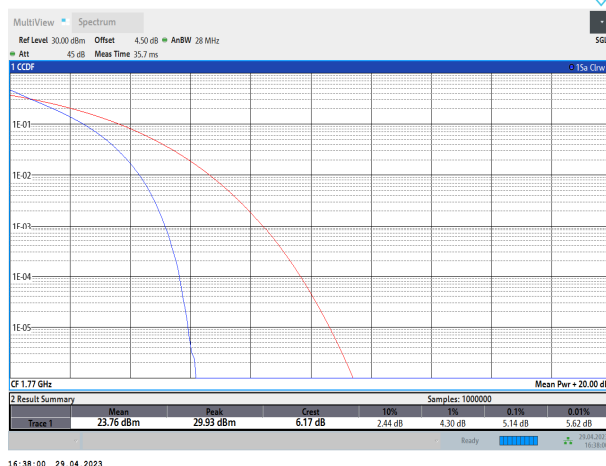
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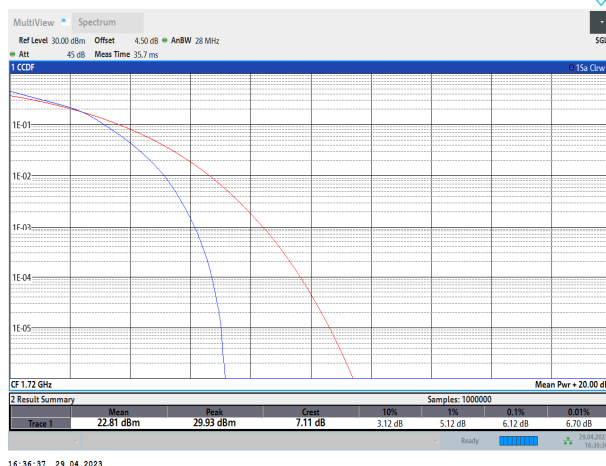
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Band66-20MHz-QPSK-132572-100RB#0



16:38:00 29.04.2023

Band66-20MHz-16QAM-132072-100RB#0



16:36:37 29.04.2023



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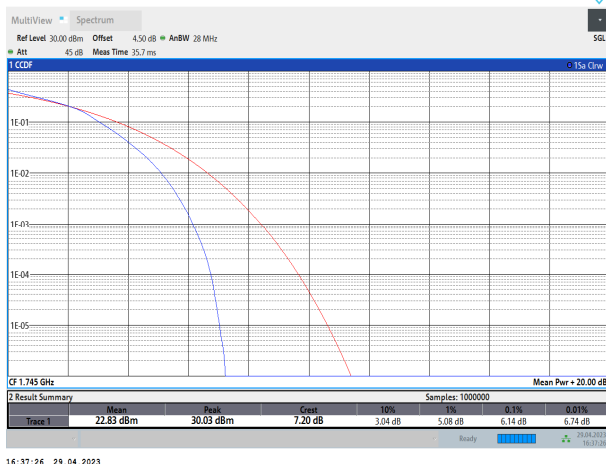
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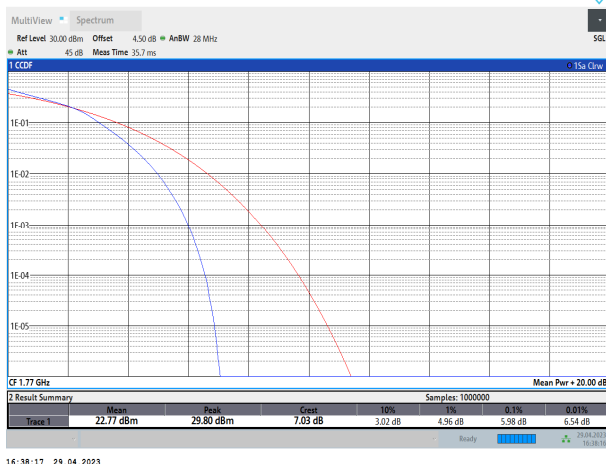
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Band66-20MHz-16QAM-132322-100RB#0



16:37:26 29.04.2023

Band66-20MHz-16QAM-132572-100RB#0



16:38:17 29.04.2023



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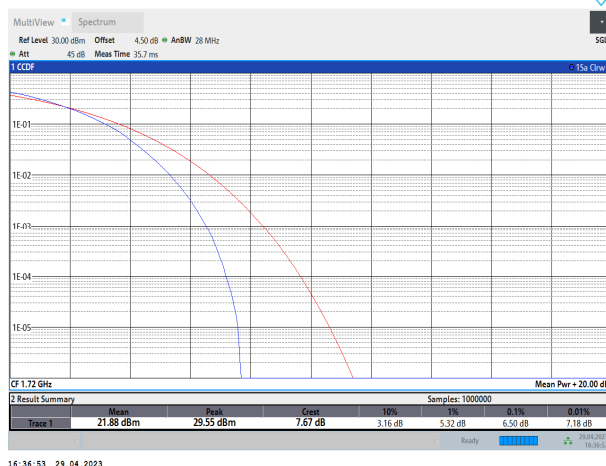
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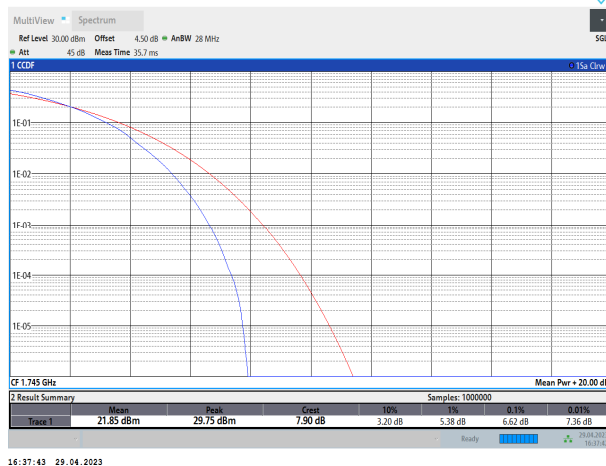
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Band66-20MHz-64QAM-132072-100RB#0



Band66-20MHz-64QAM-132322-100RB#0



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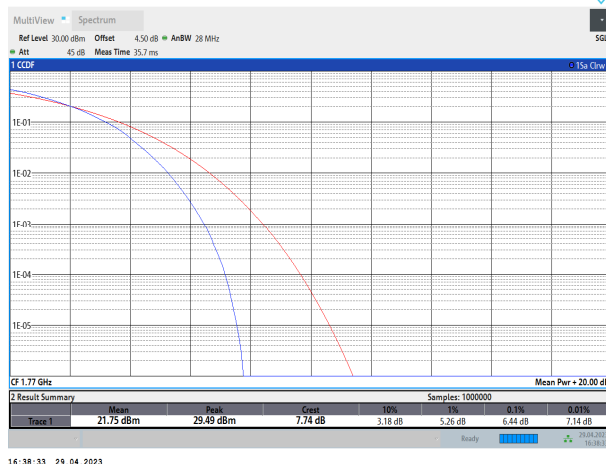
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Band66-20MHz-64QAM-132572-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band66	20MHz	QPSK	132322	100RB#0	PASS	PASS
Band66	20MHz	16QAM	132322	100RB#0	PASS	PASS
Band66	20MHz	64QAM	132322	100RB#0	PASS	PASS



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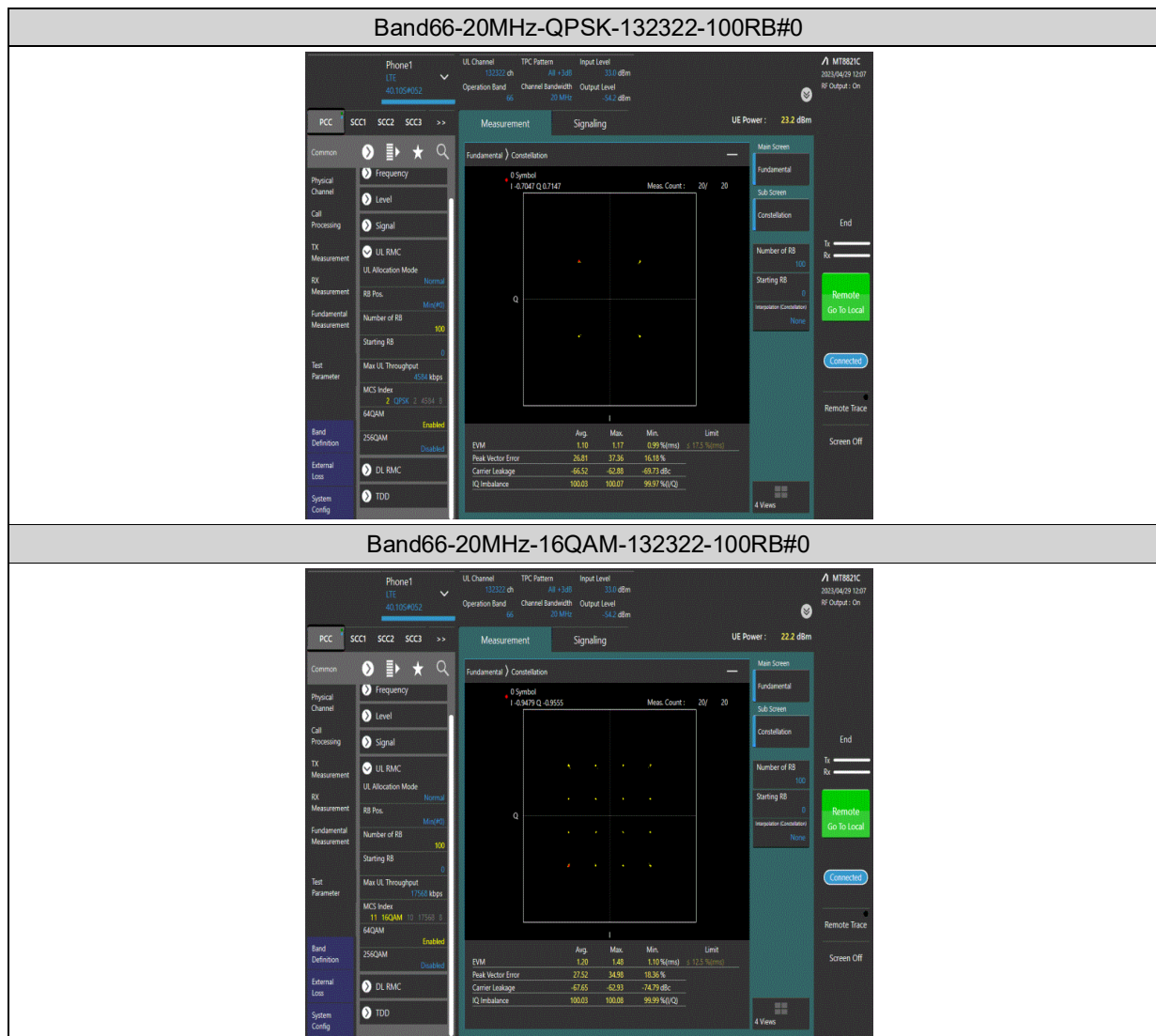
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Test Graphs



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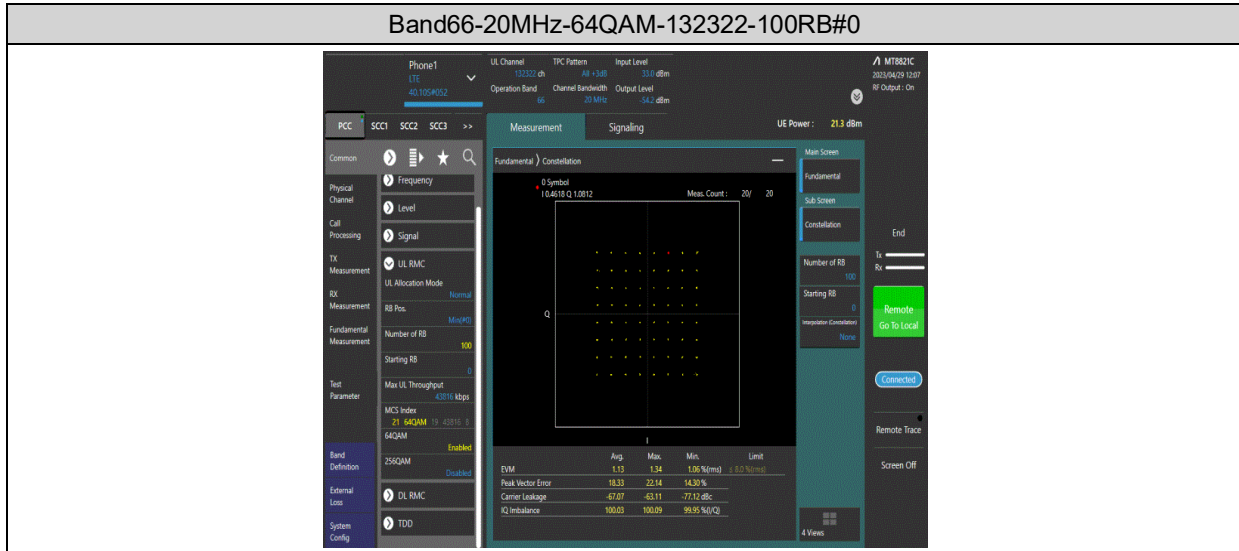
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Band66-20MHz-64QAM-132322-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.101	1.33	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.098	1.34	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.100	1.34	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.097	1.34	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.098	1.36	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.099	1.32	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.095	1.34	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.092	1.32	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.089	1.30	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.700	3.01	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.697	2.99	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.689	3.02	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.704	3.10	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.703	3.03	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.694	2.98	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.691	2.96	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.703	3.02	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.693	2.98	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.481	4.85	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.481	5.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.485	4.88	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.471	4.91	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.480	4.95	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.493	5.00	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.475	4.90	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.471	4.94	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.483	5.01	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.927	9.72	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.955	9.76	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.956	9.84	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.944	9.84	PASS



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Band66	10MHz	16QAM	132322	50RB#0	8.938	9.66	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.935	9.84	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.950	9.70	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.952	9.60	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.956	9.90	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.519	14.70	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.455	14.79	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.517	14.97	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.464	14.97	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.478	14.64	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.474	14.73	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.455	14.82	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.467	14.58	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.485	14.85	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.906	19.40	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.935	19.52	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.897	19.32	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.905	19.72	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.915	19.36	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.893	19.64	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.915	19.52	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.933	19.40	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.924	19.52	PASS



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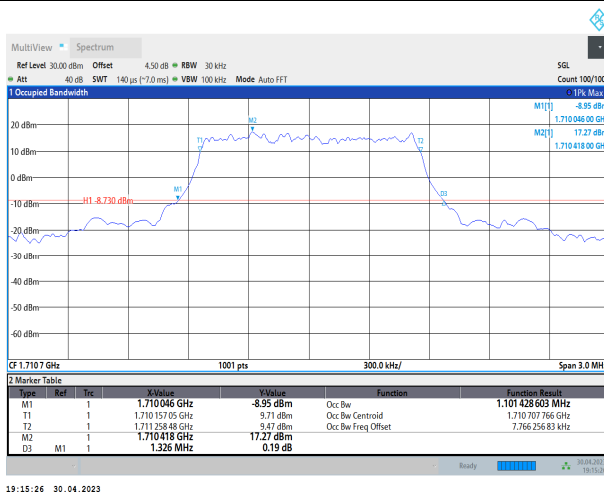
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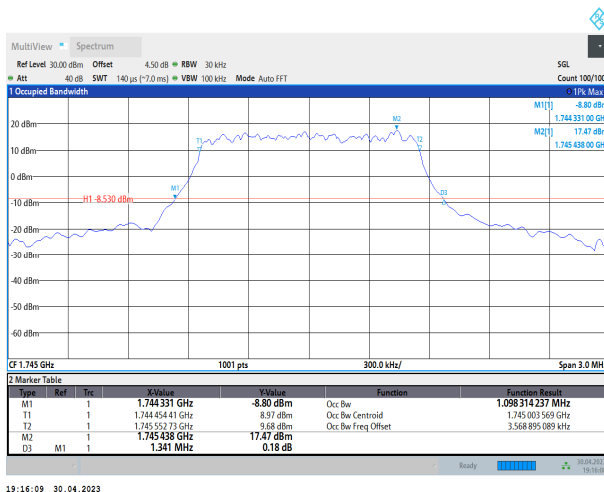
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Test Graphs

Band66-1.4MHz-QPSK-131979-6RB#0



Band66-1.4MHz-QPSK-132322-6RB#0



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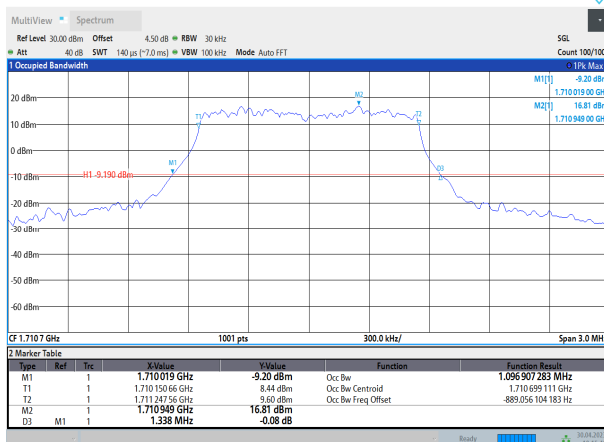
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Band66-1.4MHz-QPSK-132665-6RB#0



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Band66-1.4MHz-16QAM-131979-6RB#0



19:15:41 30.04.2023



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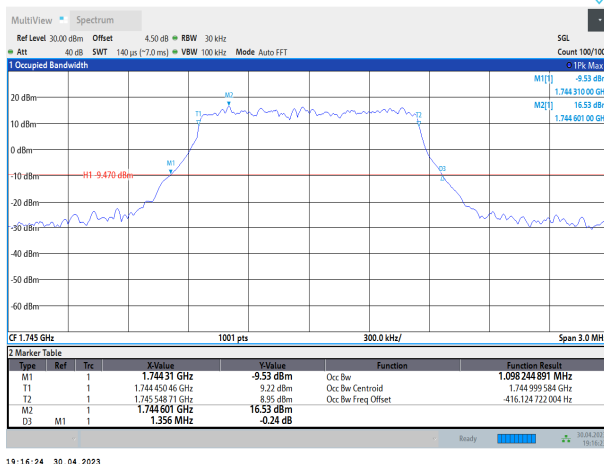
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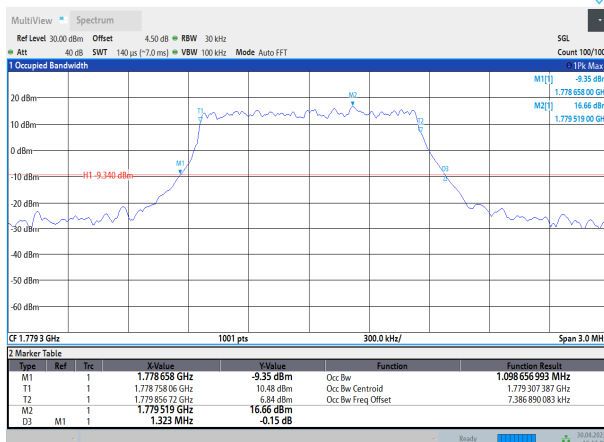
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Band66-1.4MHz-16QAM-132322-6RB#0



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Band66-1.4MHz-16QAM-132665-6RB#0



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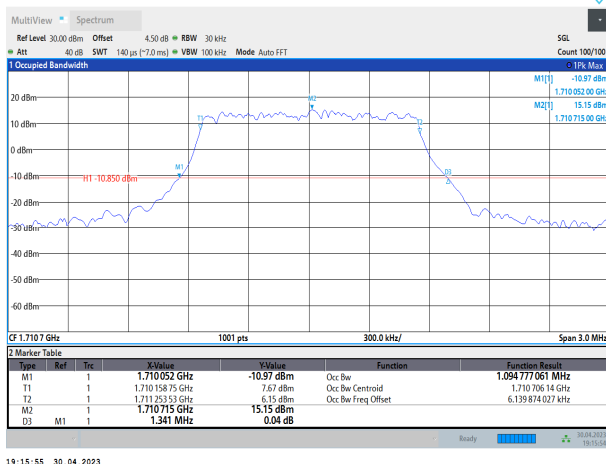
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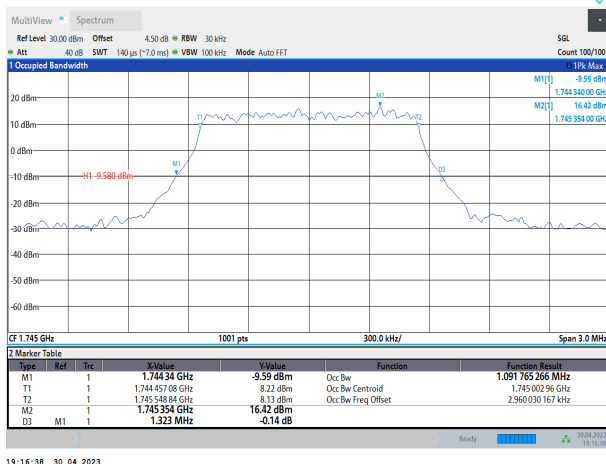
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Band66-1.4MHz-64QAM-131979-6RB#0



Band66-1.4MHz-64QAM-132322-6RB#0

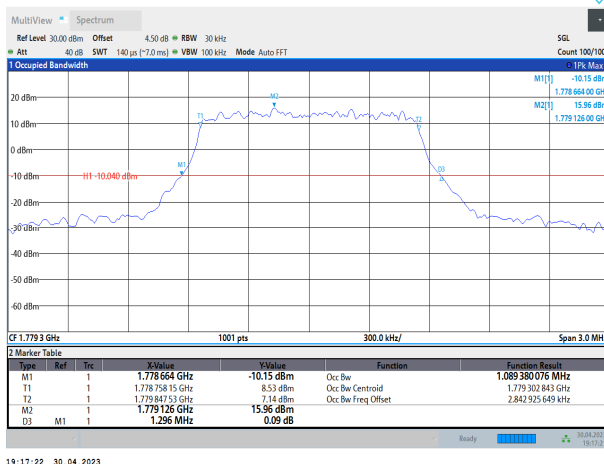


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Band66-1.4MHz-64QAM-132665-6RB#0



Band66-3MHz-QPSK-131987-15RB#0



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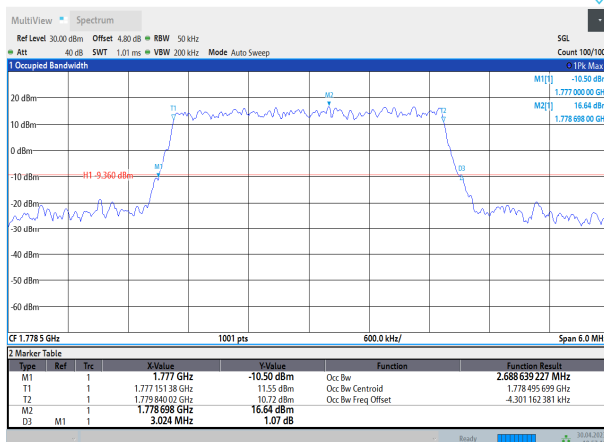
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Band66-3MHz-QPSK-132322-15RB#0



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Band66-3MHz-QPSK-132657-15RB#0



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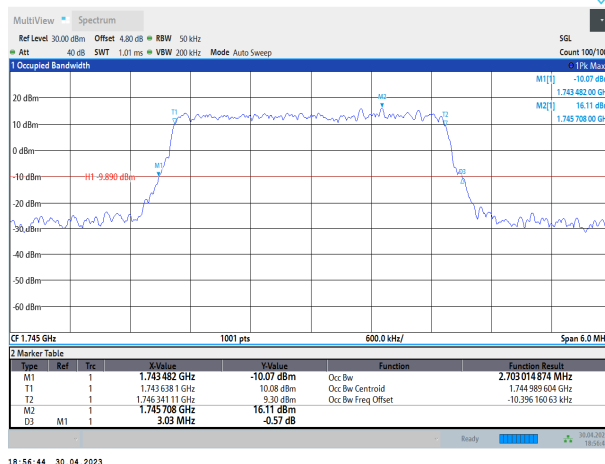
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Band66-3MHz-16QAM-131987-15RB#0



Band66-3MHz-16QAM-132322-15RB#0



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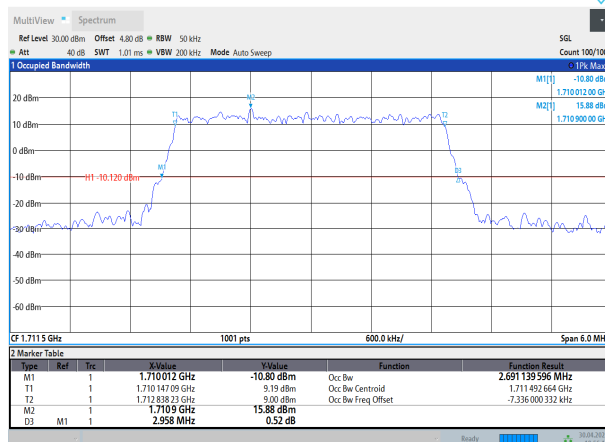
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Band66-3MHz-16QAM-132657-15RB#0



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Band66-3MHz-64QAM-131987-15RB#0



18:56:17 30.04.2023



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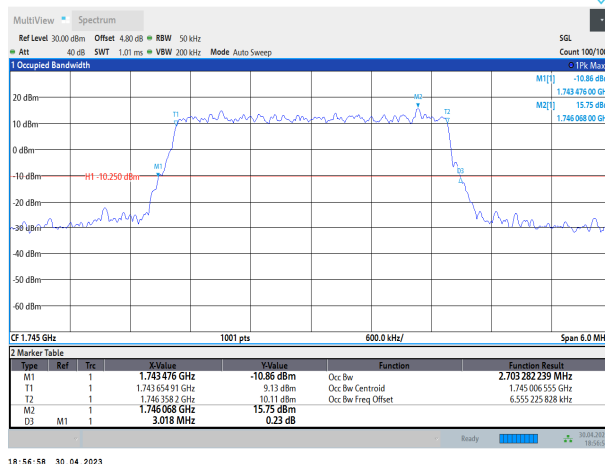
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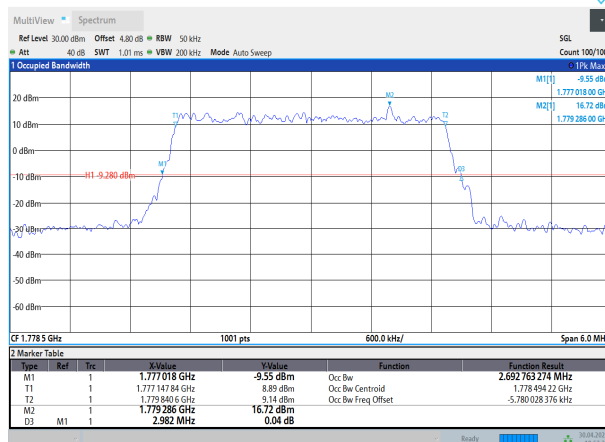
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Band66-3MHz-64QAM-132657-15RB#0



18:57:38 30.04.2023



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Band66-5MHz-QPSK-131997-25RB#0



Band66-5MHz-QPSK-132322-25RB#0



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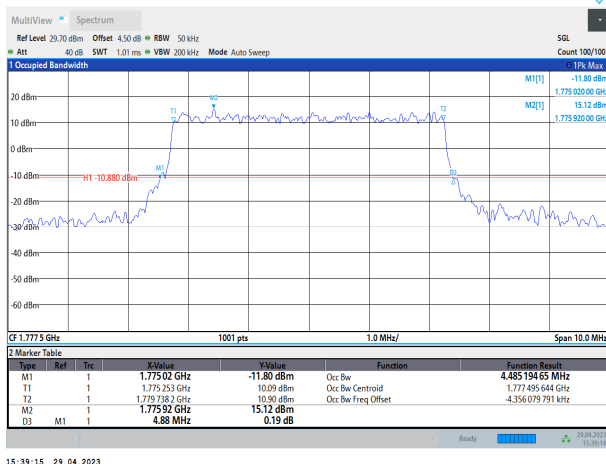
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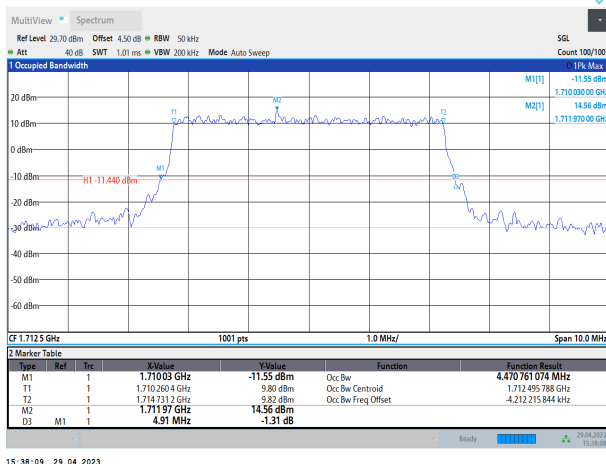
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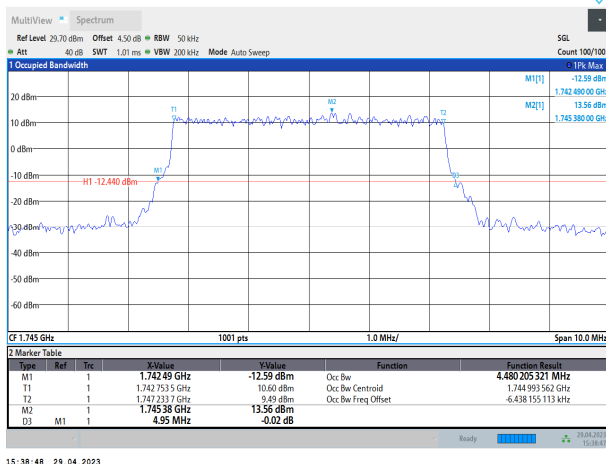


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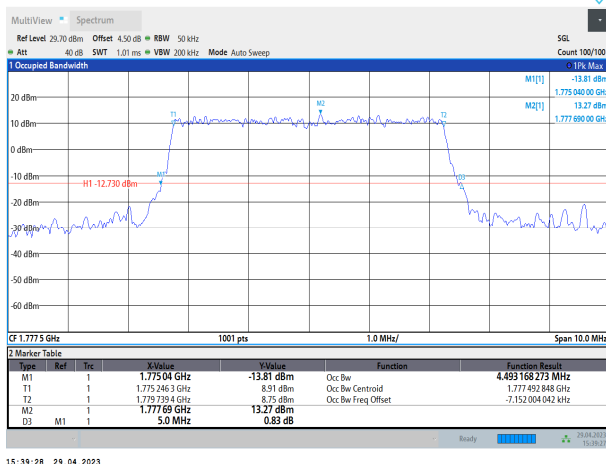


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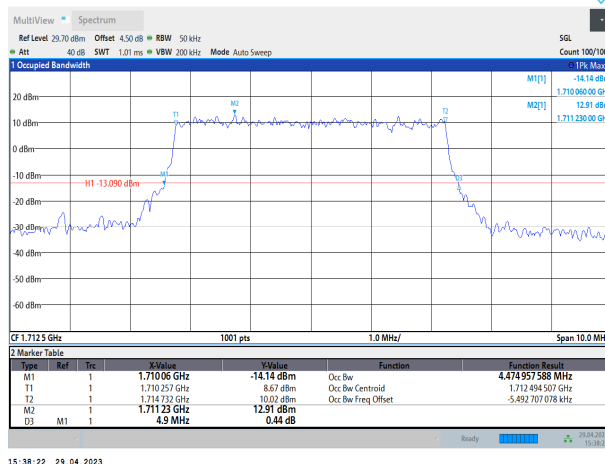
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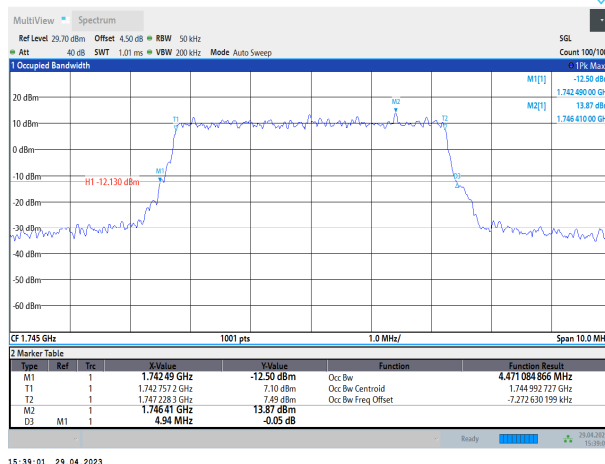
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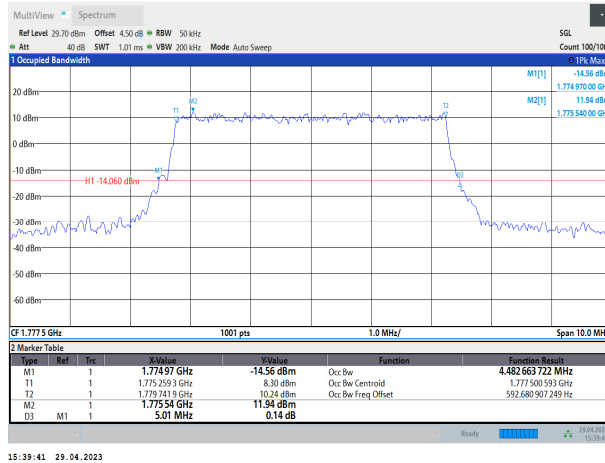


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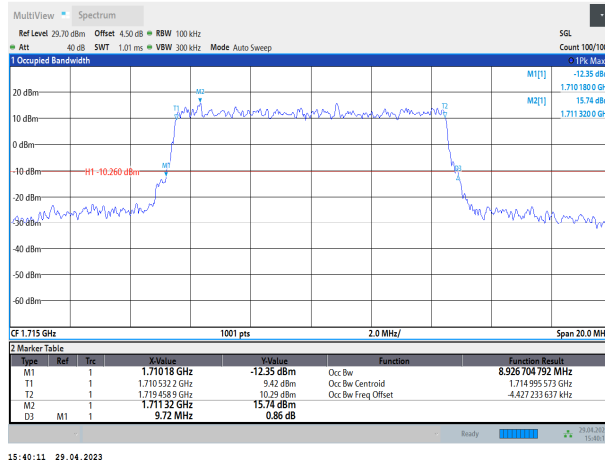
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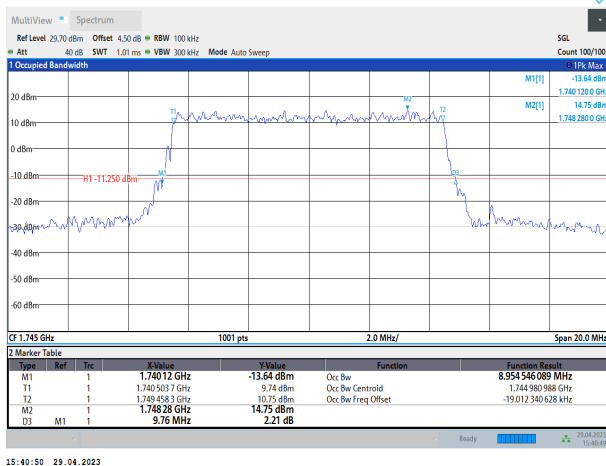


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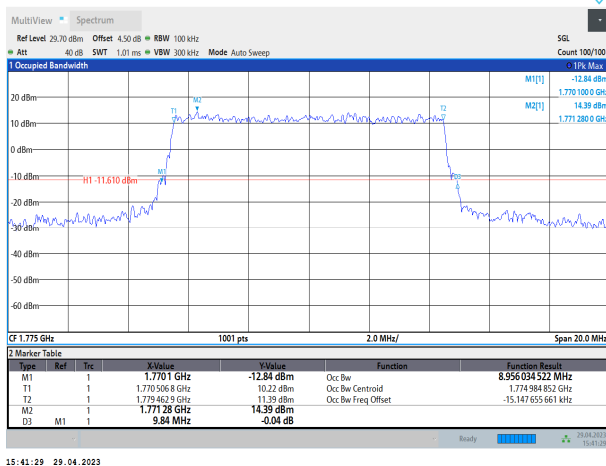
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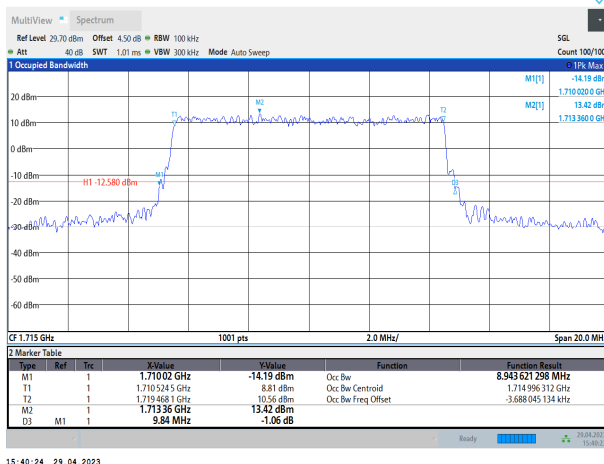


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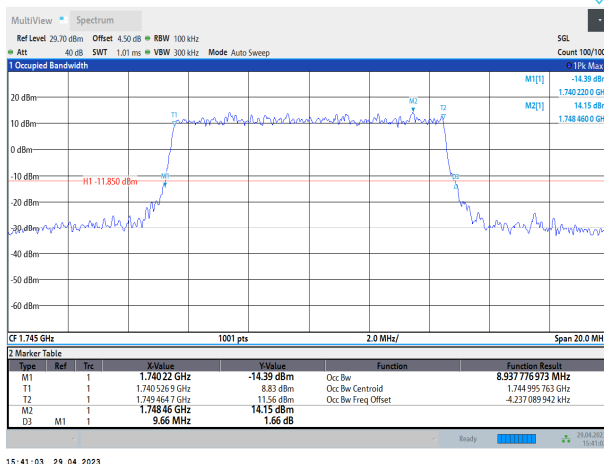
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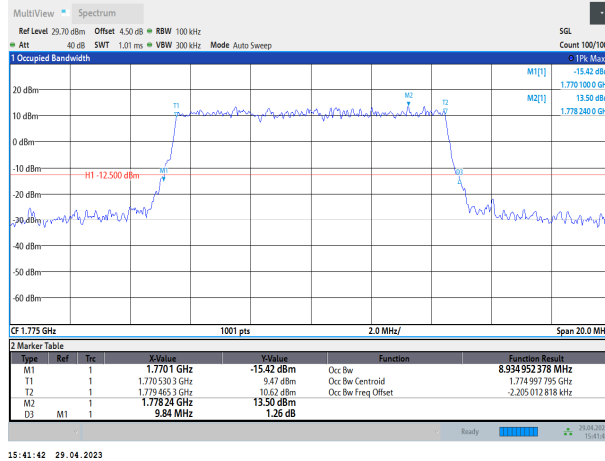


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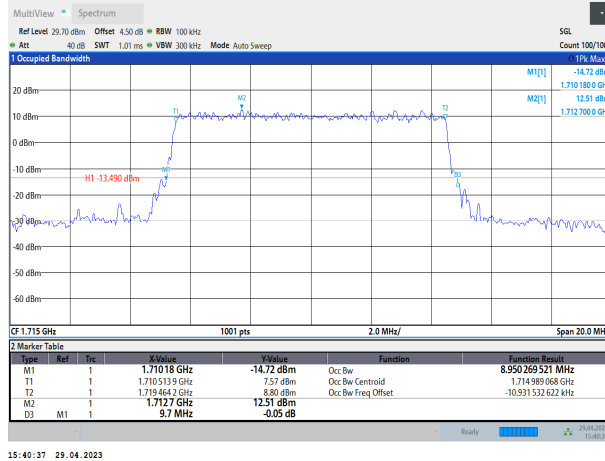
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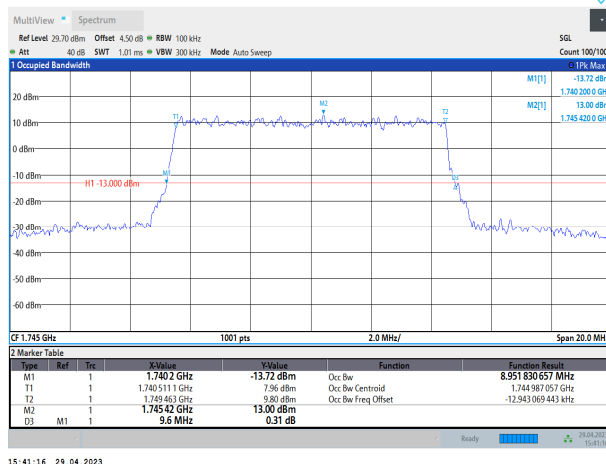
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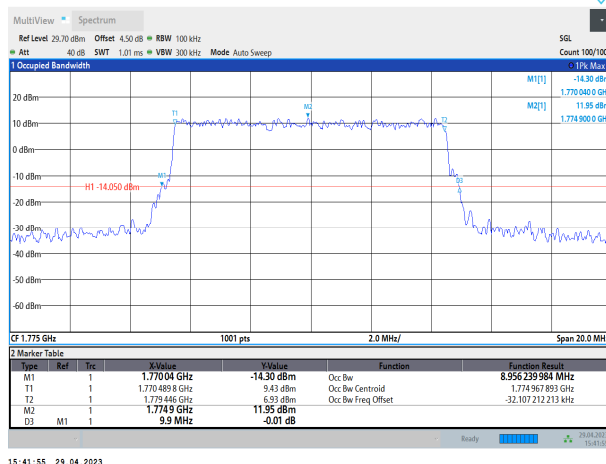
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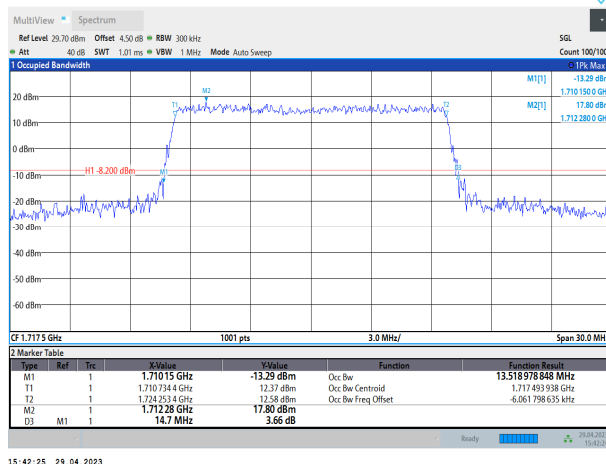


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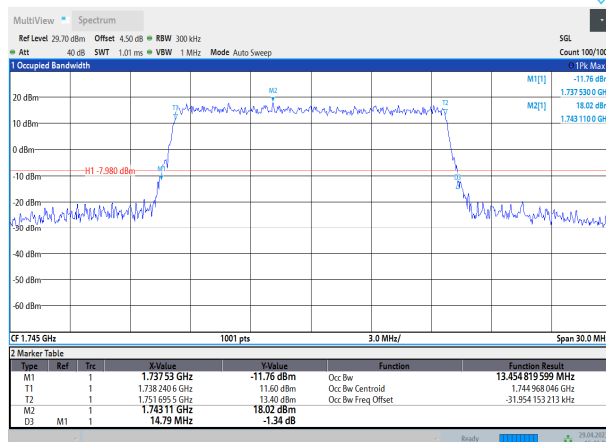
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Band66-15MHz-QPSK-132322-75RB#0



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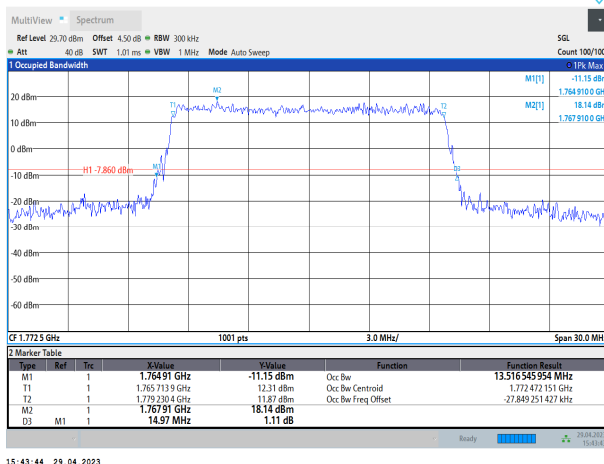
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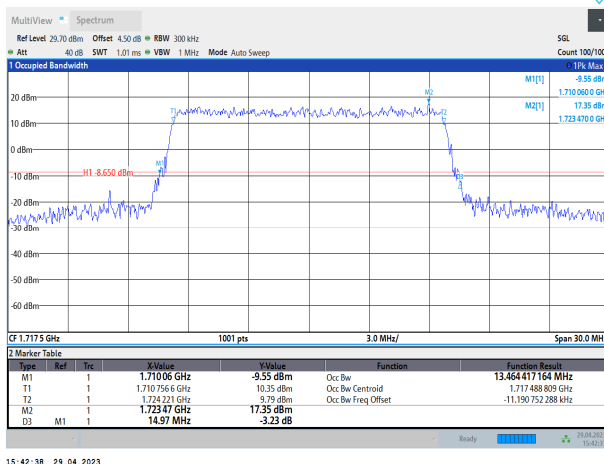
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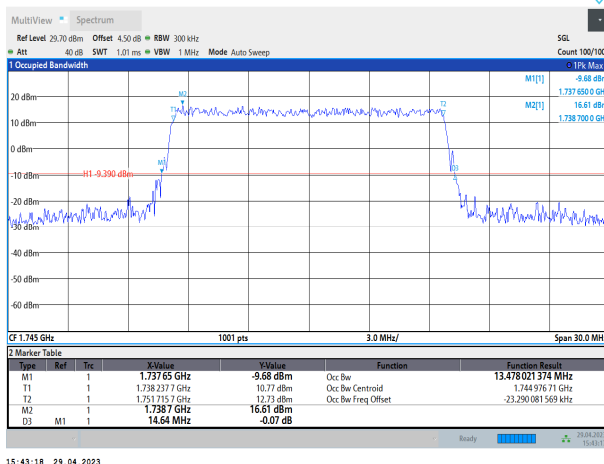


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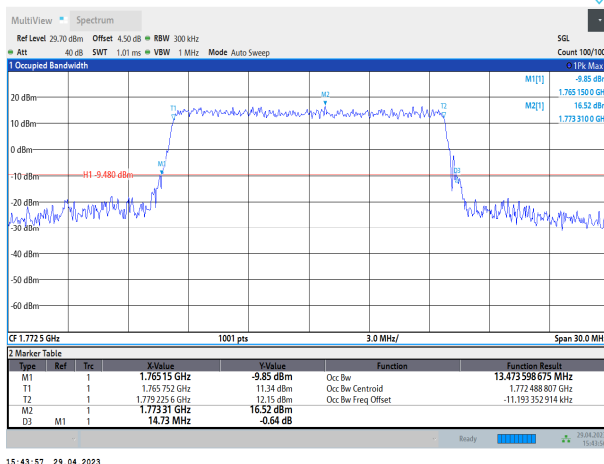
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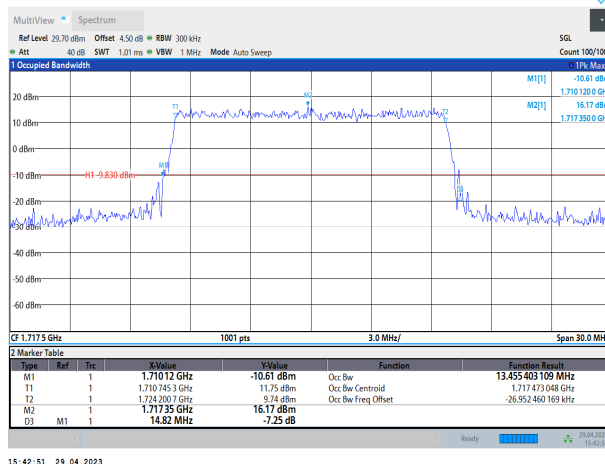


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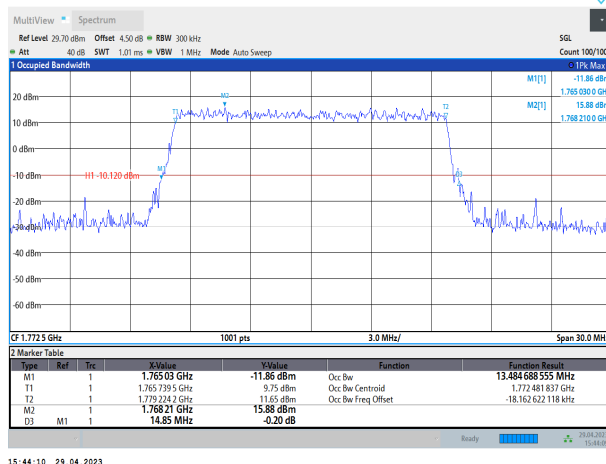


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Band66-20MHz-QPSK-132072-100RB#0



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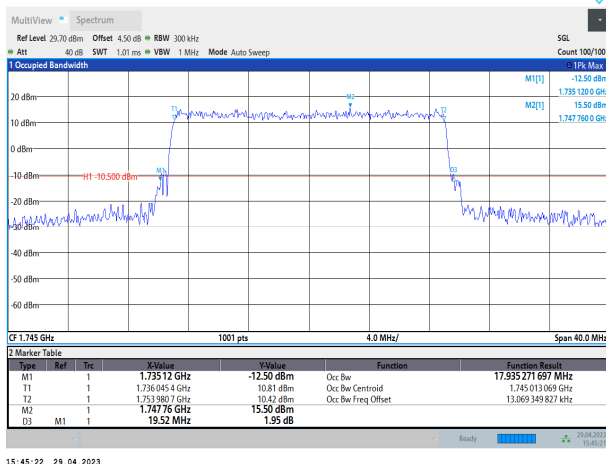
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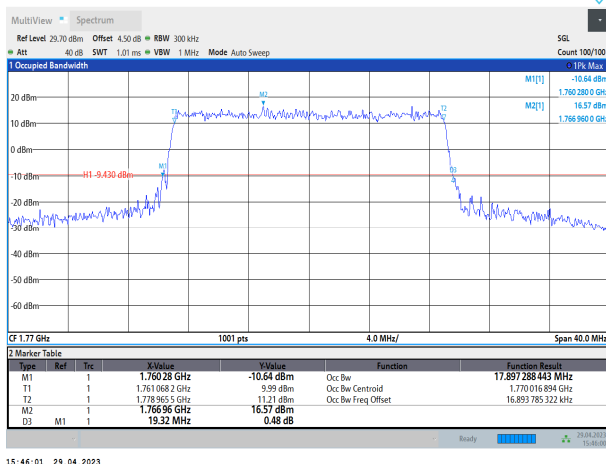
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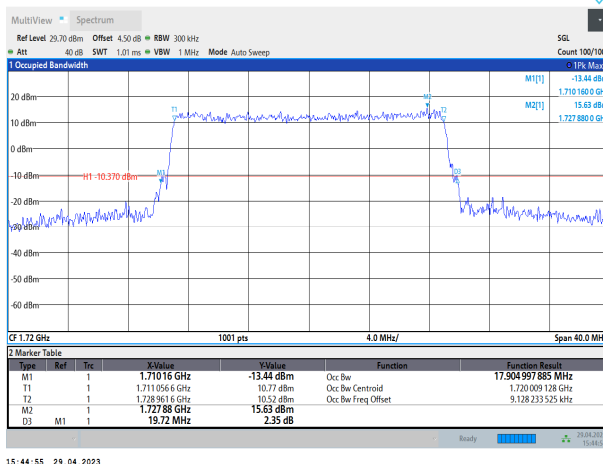


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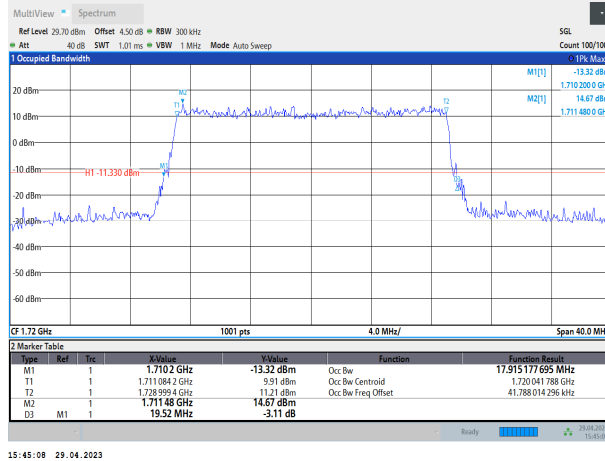
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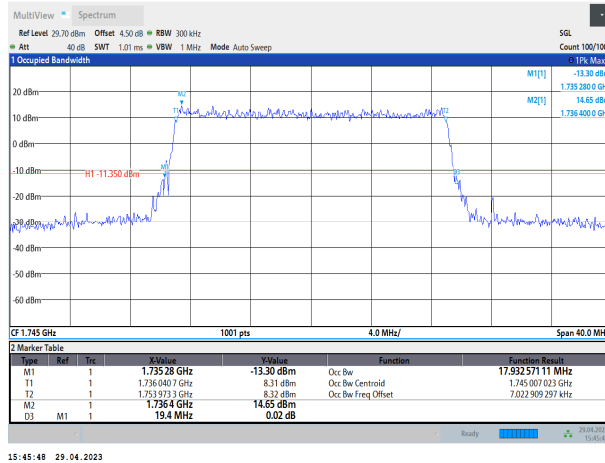


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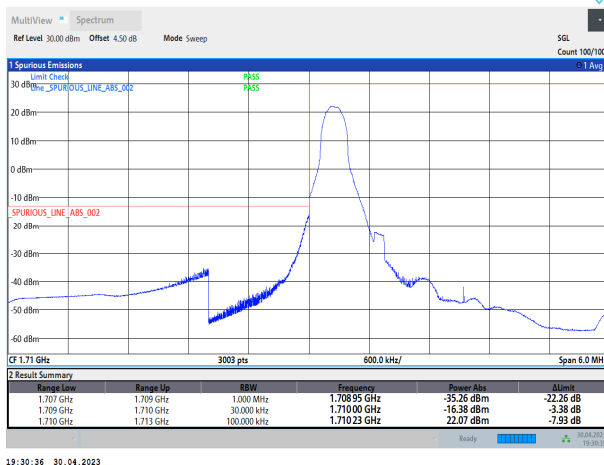
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Band Edge

Test Graphs

Band66-1.4MHz-QPSK-131979-1RB#0



Band66-1.4MHz-QPSK-131979-6RB#0



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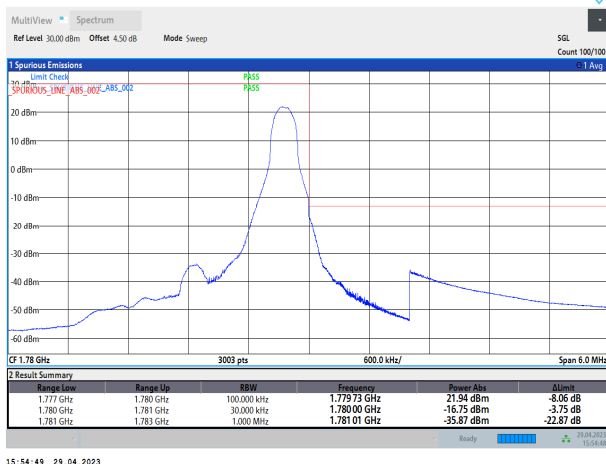
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Band66-1.4MHz-QPSK-132665-1RB#5



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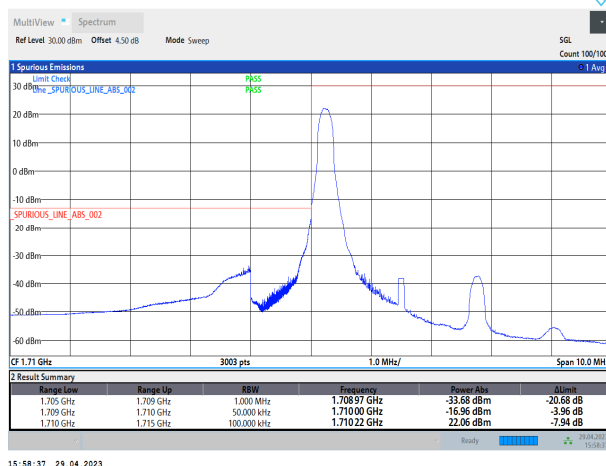
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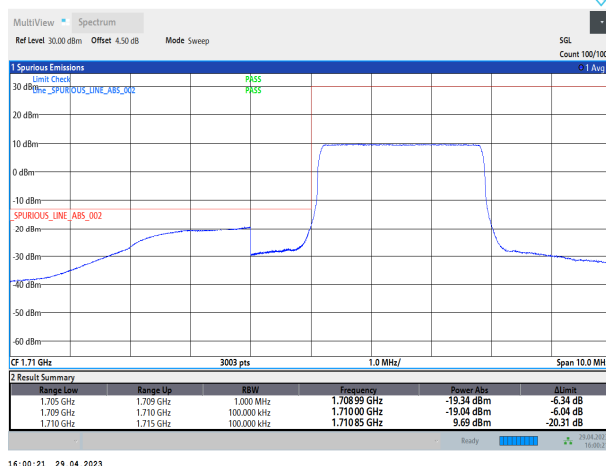
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Band66-3MHz-QPSK-131987-1RB#0



Band66-3MHz-QPSK-131987-15RB#0

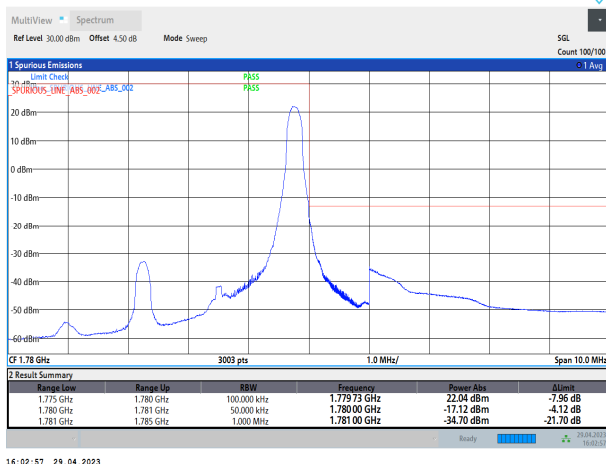


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Band66-3MHz-QPSK-132657-1RB#14



Band66-3MHz-QPSK-132657-15RB#0



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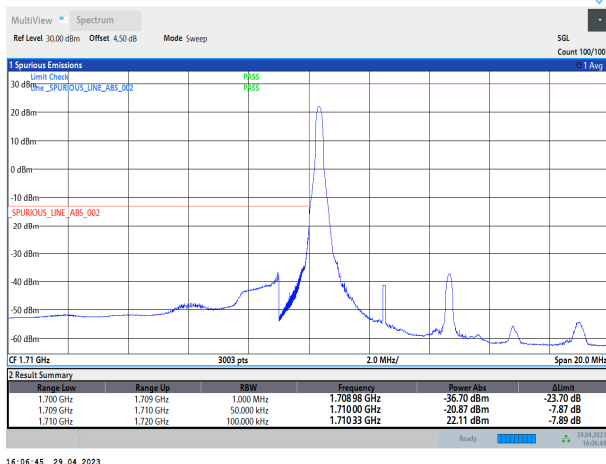
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Band66-5MHz-QPSK-131997-1RB#0



Band66-5MHz-QPSK-131997-25RB#0



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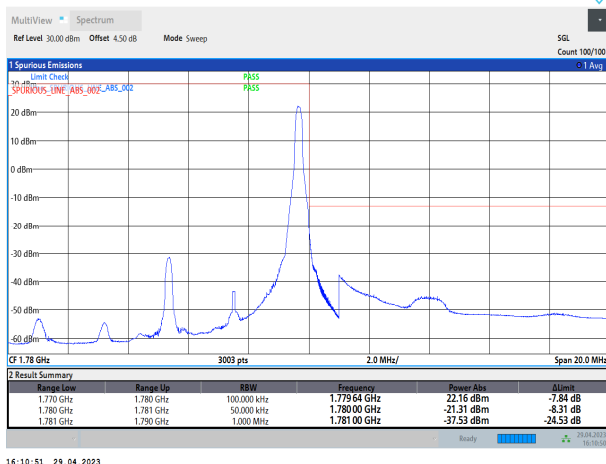
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Band66-5MHz-QPSK-132647-1RB#24



Band66-5MHz-QPSK-132647-25RB#0



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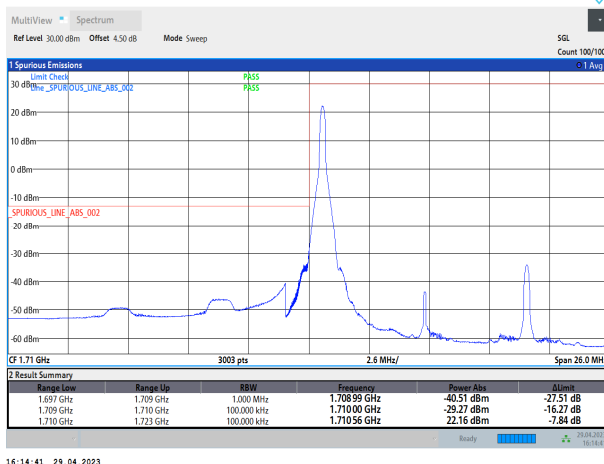
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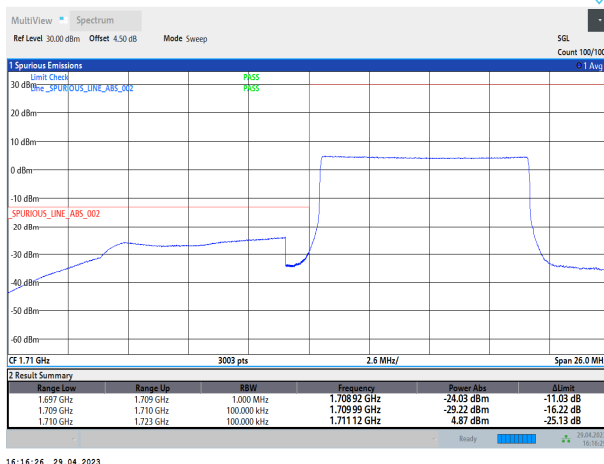
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Band66-10MHz-QPSK-132022-1RB#0



Band66-10MHz-QPSK-132022-50RB#0



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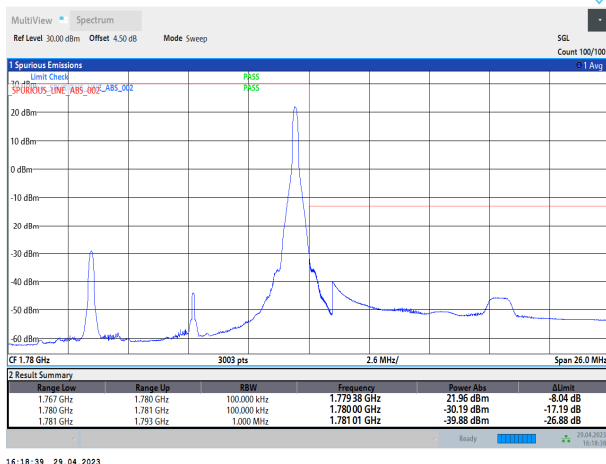
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Band66-10MHz-QPSK-132622-1RB#49



Band66-10MHz-QPSK-132622-50RB#0



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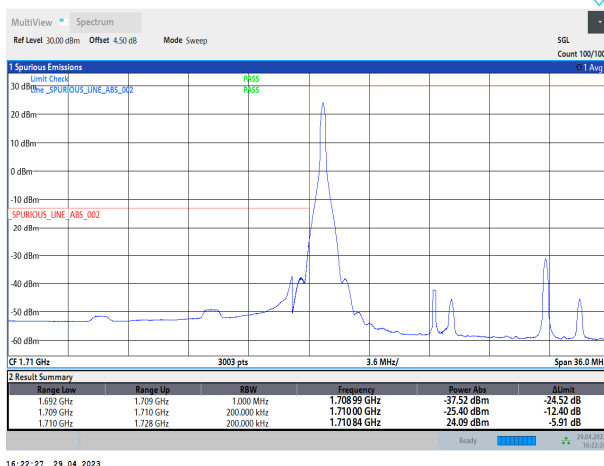
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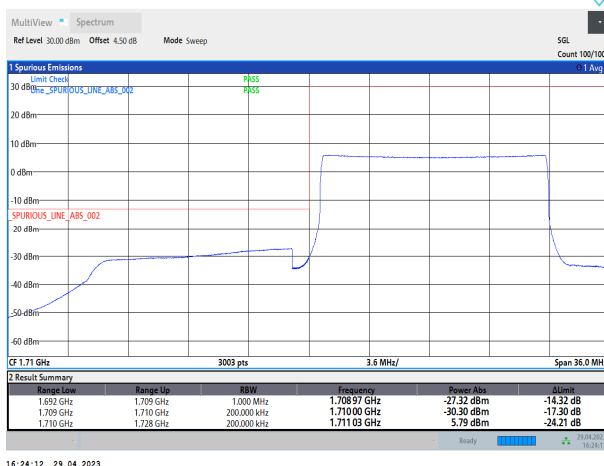
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Band66-15MHz-QPSK-132047-1RB#0



Band66-15MHz-QPSK-132047-75RB#0



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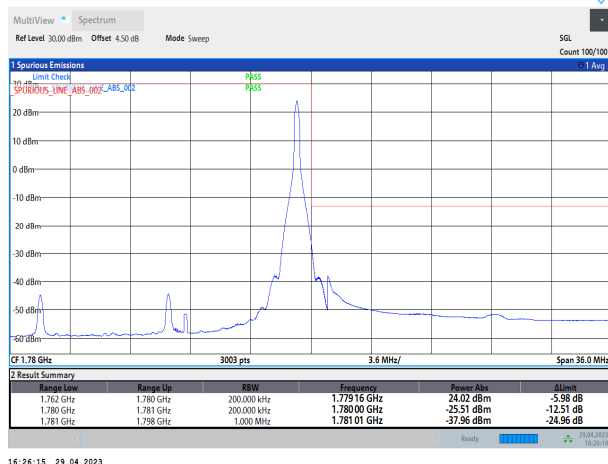
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Band66-15MHz-QPSK-132597-1RB#74



Band66-15MHz-QPSK-132597-75RB#0



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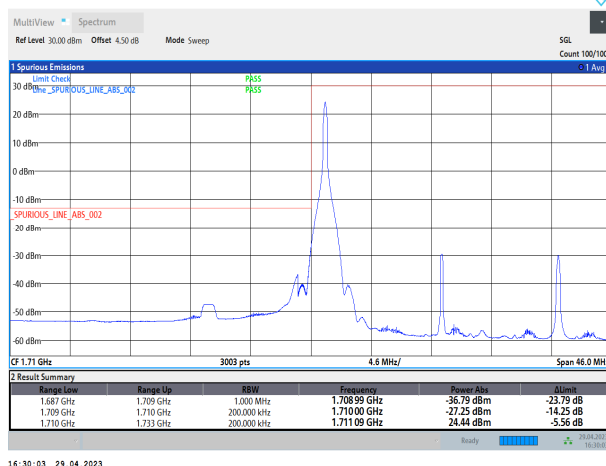
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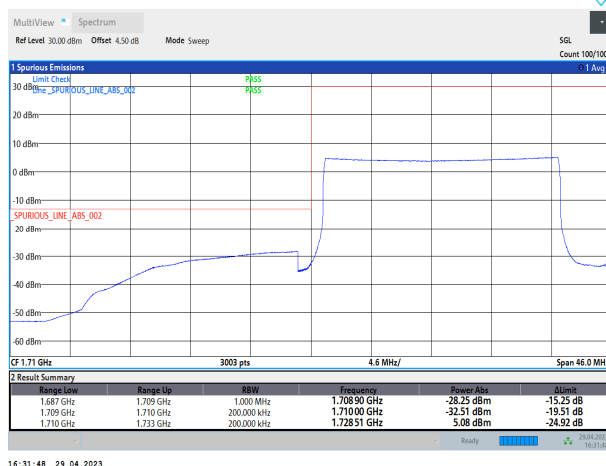
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Band66-20MHz-QPSK-132072-1RB#0

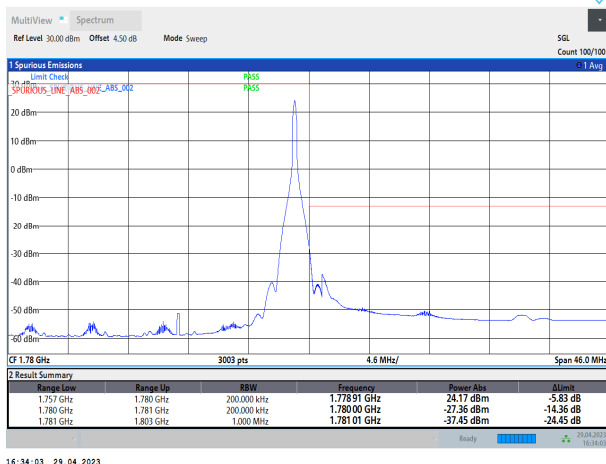


Band66-20MHz-QPSK-132072-100RB#0



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Band66-20MHz-QPSK-132572-1RB#99



Band66-20MHz-QPSK-132572-100RB#0



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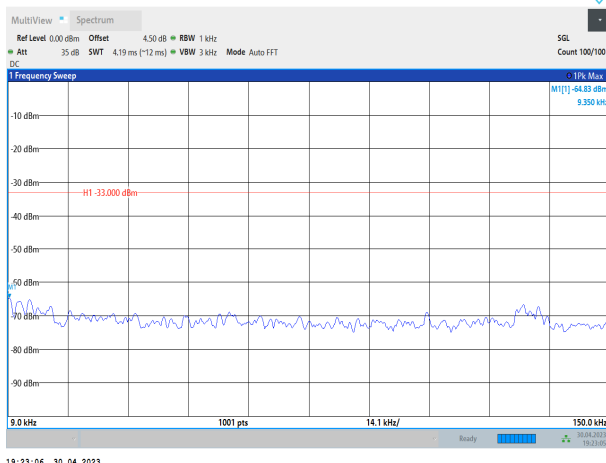
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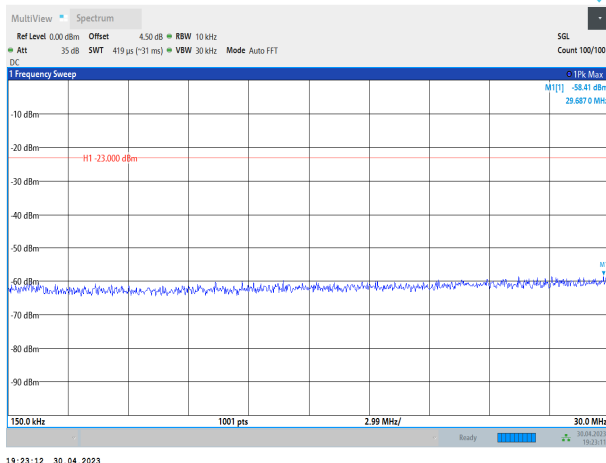
Conducted Spurious Emission

Test Graphs

Band66-20MHz-QPSK-132072-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz



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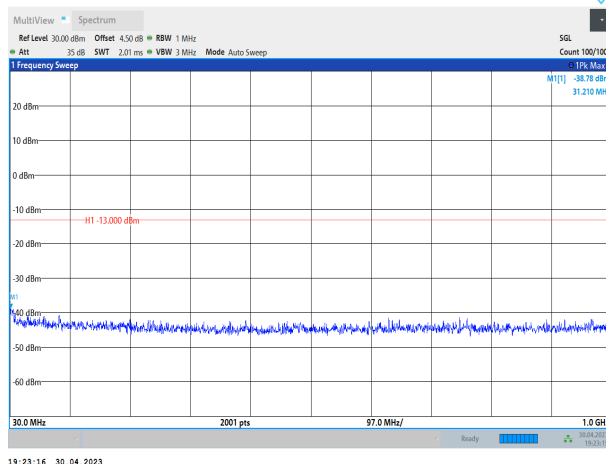
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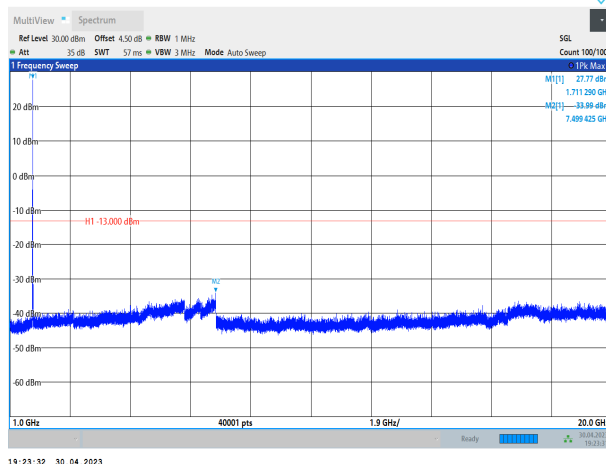
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz



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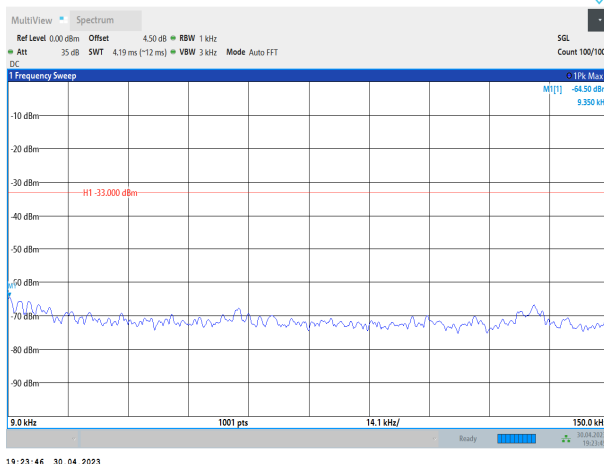
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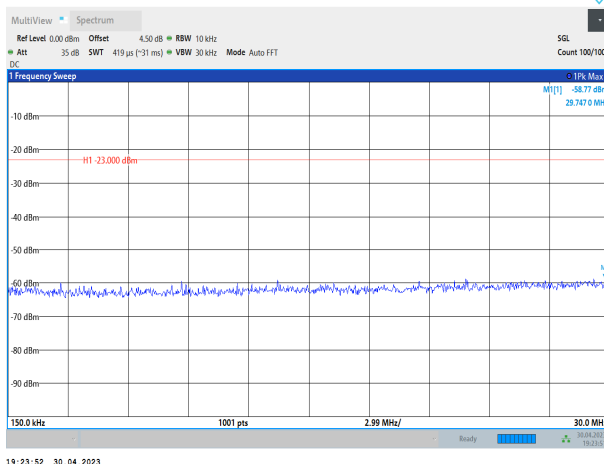
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



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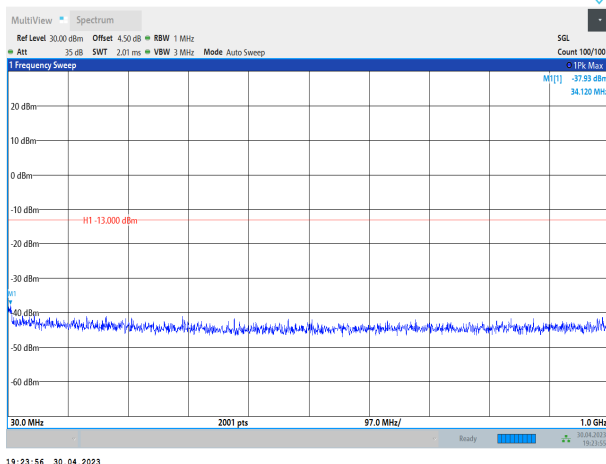
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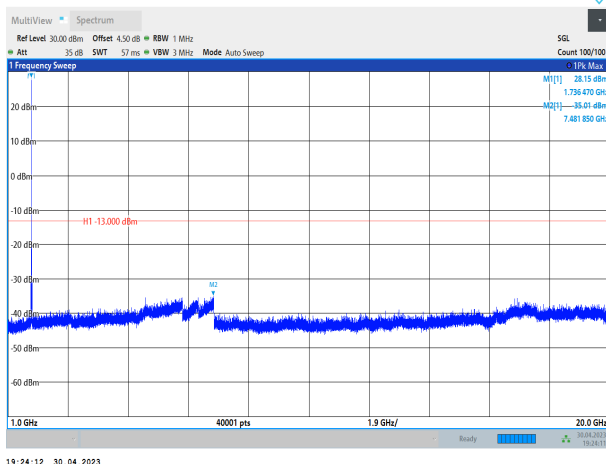
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~20000MHz



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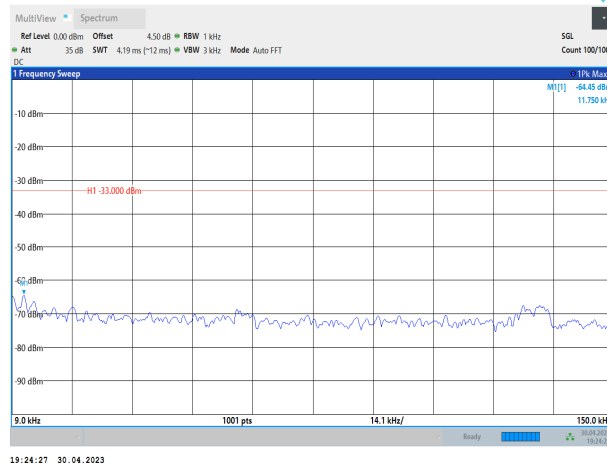
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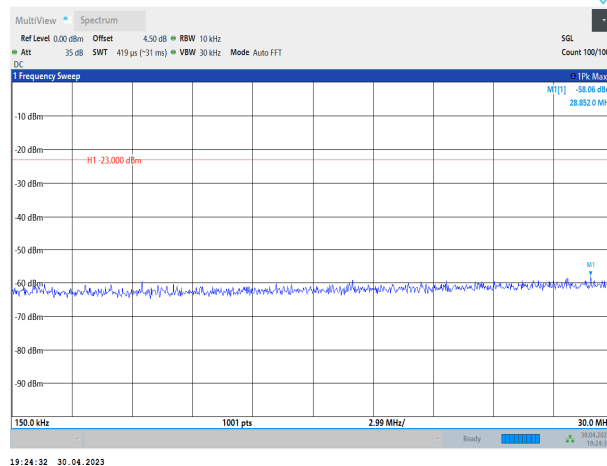
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz



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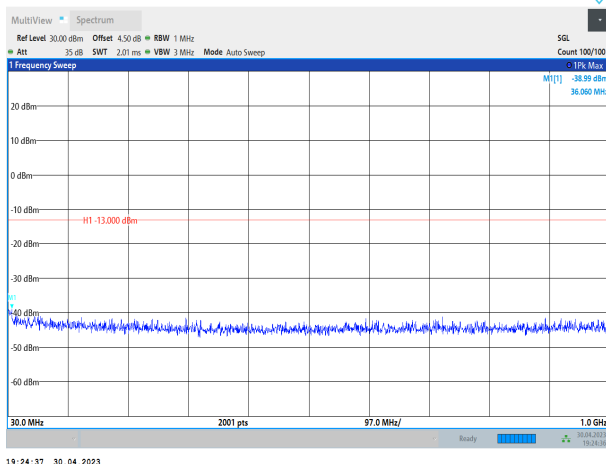
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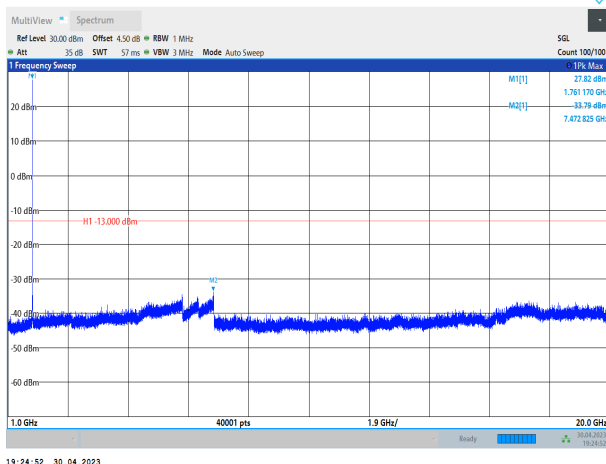
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132572-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band66_20MHz_ TM1

Test Channel = Low ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	42.70	-46.28	29.43	-69.41	-13.00	56.41	214	0	Horizontal
2	5106.2700	40.63	-45.36	32.94	-67.06	-13.00	54.06	145	211	Horizontal
3	6808.3600	40.67	-44.16	35.85	-62.90	-13.00	49.90	185	356	Horizontal
4	8510.4500	37.86	-41.59	37.56	-61.43	-13.00	48.43	163	330	Horizontal
5	10212.5400	33.59	-39.45	38.81	-62.30	-13.00	49.30	259	7	Horizontal
6	11914.6300	29.80	-37.18	38.88	-63.76	-13.00	50.76	111	256	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	42.55	-46.28	29.43	-69.56	-13.00	56.56	214	212	Vertical
2	5106.2700	41.10	-45.36	32.94	-66.59	-13.00	53.59	156	240	Vertical
3	6808.3600	40.91	-44.16	35.85	-62.66	-13.00	49.66	102	91	Vertical
4	8510.4500	37.39	-41.59	37.56	-61.90	-13.00	48.90	148	226	Vertical
5	10212.5400	34.27	-39.45	38.81	-61.62	-13.00	48.62	176	240	Vertical
6	11914.6300	29.92	-37.18	38.88	-63.64	-13.00	50.64	236	16	Vertical



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Test Band = LTE Band66_20MHz_TM1

Test Channel = Mid ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.51	-46.27	29.48	-69.54	-13.00	56.54	211	30	Horizontal
2	5181.2700	40.34	-45.30	32.98	-67.24	-13.00	54.24	142	196	Horizontal
3	6908.3600	40.16	-44.05	35.97	-63.18	-13.00	50.18	136	182	Horizontal
4	8635.4500	37.39	-41.46	37.81	-61.52	-13.00	48.52	258	61	Horizontal
5	10362.5400	33.70	-39.04	38.85	-61.75	-13.00	48.75	199	90	Horizontal
6	12089.6300	30.16	-37.37	39.04	-63.43	-13.00	50.43	175	227	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.87	-46.27	29.48	-69.18	-13.00	56.18	211	76	Vertical
2	5181.2700	40.54	-45.30	32.98	-67.04	-13.00	54.04	145	180	Vertical
3	6908.3600	39.72	-44.05	35.97	-63.62	-13.00	50.62	128	120	Vertical
4	8635.4500	37.04	-41.46	37.81	-61.87	-13.00	48.87	166	0	Vertical
5	10362.5400	33.99	-39.04	38.85	-61.46	-13.00	48.46	258	300	Vertical
6	12089.6300	30.01	-37.37	39.04	-63.58	-13.00	50.58	172	136	Vertical



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Test Band = LTE Band66_20MHz_TM1**Test Channel = High ANT0****Data List**

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	43.01	-46.25	29.52	-68.98	-13.00	55.98	122	89	Horizontal
2	5256.2700	40.62	-45.17	32.94	-66.88	-13.00	53.88	154	317	Horizontal
3	7008.3600	40.17	-43.61	36.10	-62.60	-13.00	49.60	175	151	Horizontal
4	8760.4500	37.75	-41.42	38.02	-60.92	-13.00	47.92	136	240	Horizontal
5	10512.5400	33.39	-38.76	38.97	-61.66	-13.00	48.66	259	240	Horizontal
6	12262.6300	31.06	-37.44	39.11	-62.53	-13.00	49.53	180	74	Horizontal

Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	42.61	-46.25	29.52	-69.38	-13.00	56.38	147	76	Vertical
2	5256.2700	41.04	-45.17	32.94	-66.46	-13.00	53.46	100	165	Vertical
3	7008.3600	40.06	-43.61	36.10	-62.71	-13.00	49.71	126	0	Vertical
4	8760.4500	37.12	-41.42	38.02	-61.55	-13.00	48.55	283	107	Vertical
5	10512.5400	33.39	-38.76	38.97	-61.66	-13.00	48.66	162	121	Vertical
6	12262.6300	31.06	-37.44	39.11	-62.53	-13.00	49.53	199	76	Vertical



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Test Band = LTE Band66_20MHz_TM1**Test Channel = Low ANT4****Data List**

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	43.00	-46.28	29.43	-69.11	-13.00	56.11	214	209	Horizontal
2	5106.2700	41.38	-45.36	32.94	-66.31	-13.00	53.31	158	180	Horizontal
3	6808.3600	41.12	-44.16	35.85	-62.45	-13.00	49.45	189	317	Horizontal
4	8510.4500	37.61	-41.59	37.56	-61.68	-13.00	48.68	126	60	Horizontal
5	10212.5400	33.79	-39.45	38.81	-62.10	-13.00	49.10	251	29	Horizontal
6	11914.6300	29.98	-37.18	38.88	-63.58	-13.00	50.58	145	105	Horizontal

Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	42.59	-46.28	29.43	-69.52	-13.00	56.52	214	76	Vertical
2	5106.2700	40.47	-45.36	32.94	-67.22	-13.00	54.22	136	3	Vertical
3	6808.3600	40.32	-44.16	35.85	-63.25	-13.00	50.25	258	180	Vertical
4	8510.4500	38.11	-41.59	37.56	-61.18	-13.00	48.18	196	225	Vertical
5	10212.5400	33.51	-39.45	38.81	-62.38	-13.00	49.38	184	239	Vertical
6	11914.6300	30.09	-37.18	38.88	-63.47	-13.00	50.47	175	59	Vertical



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Test Band = LTE Band66_20MHz_TM1**Test Channel = Mid ANT4****Data List**

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.94	-46.27	29.48	-69.11	-13.00	56.11	211	59	Horizontal
2	5181.2700	41.46	-45.30	32.98	-66.12	-13.00	53.12	153	0	Horizontal
3	6908.3600	39.78	-44.05	35.97	-63.56	-13.00	50.56	256	330	Horizontal
4	8635.4500	37.73	-41.46	37.81	-61.18	-13.00	48.18	214	316	Horizontal
5	10362.5400	33.33	-39.04	38.85	-62.12	-13.00	49.12	129	299	Horizontal
6	12089.6300	30.87	-37.37	39.04	-62.72	-13.00	49.72	281	285	Horizontal

Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	43.88	-46.27	29.48	-68.17	-13.00	55.17	214	90	Vertical
2	5181.2700	41.49	-45.30	32.98	-66.09	-13.00	53.09	302	30	Vertical
3	6908.3600	39.34	-44.05	35.97	-64.00	-13.00	51.00	156	356	Vertical
4	8635.4500	37.44	-41.46	37.81	-61.47	-13.00	48.47	291	346	Vertical
5	10362.5400	34.68	-39.04	38.85	-60.77	-13.00	47.77	188	8	Vertical
6	12089.6300	30.08	-37.37	39.04	-63.51	-13.00	50.51	265	59	Vertical



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Test Band = LTE Band66_20MHz_TM1**Test Channel = High ANT4****Data List**

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	42.58	-46.25	29.52	-69.41	-13.00	56.41	211	59	Horizontal
2	5256.2700	41.64	-45.17	32.94	-65.86	-13.00	52.86	148	316	Horizontal
3	7008.3600	39.87	-43.61	36.10	-62.90	-13.00	49.90	186	346	Horizontal
4	8760.4500	37.24	-41.42	38.02	-61.43	-13.00	48.43	291	135	Horizontal
5	10512.5400	33.31	-38.76	38.97	-61.74	-13.00	48.74	143	104	Horizontal
6	12262.6300	30.51	-37.44	39.11	-63.08	-13.00	50.08	251	226	Horizontal

Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	43.05	-46.25	29.52	-68.94	-13.00	55.94	142	31	Vertical
2	5256.2700	40.56	-45.17	32.94	-66.94	-13.00	53.94	126	255	Vertical
3	7008.3600	40.52	-43.61	36.10	-62.25	-13.00	49.25	211	151	Vertical
4	8760.4500	37.82	-41.42	38.02	-60.85	-13.00	47.85	185	357	Vertical
5	10512.5400	33.29	-38.76	38.97	-61.76	-13.00	48.76	142	357	Vertical
6	12262.6300	30.55	-37.44	39.11	-63.04	-13.00	50.04	150	272	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



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	0.10	0.000057	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-0.80	-0.000458	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-0.70	-0.000401	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-0.60	-0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	0.80	0.000458	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-0.40	-0.000229	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-0.60	-0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	1.50	0.000860	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	0.20	0.000115	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	0.80	0.000458	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-1.20	-0.000688	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	0.30	0.000172	PASS

---End of Attachment---



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