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Appendix B.9

LTE Band 66



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	23.05	19.65	33.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.20	19.80	33.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.06	19.66	33.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.16	18.76	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.10	19.70	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.23	19.83	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.08	19.68	33.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.19	18.79	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.07	19.67	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.24	19.84	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.11	19.71	33.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.19	18.79	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.31	18.91	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.46	19.06	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.31	18.91	33.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.26	17.86	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.34	18.94	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.50	19.10	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.35	18.95	33.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.29	17.89	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.32	18.92	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.42	19.02	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.41	19.01	33.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.25	17.85	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	21.20	17.80	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	21.38	17.98	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	21.26	17.86	33.00	PASS



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Band66	1.4MHz	64QAM	131979	6RB#0	20.13	16.73	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.23	17.83	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.34	17.94	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.24	17.84	33.00	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.21	16.81	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21.27	17.87	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	21.42	18.02	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.33	17.93	33.00	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	20.20	16.80	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.16	19.76	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.19	19.79	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.14	19.74	33.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.18	18.78	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.14	19.74	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.12	19.72	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.14	19.74	33.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.13	18.73	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.10	19.70	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.07	19.67	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.08	19.68	33.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.10	18.70	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.42	19.02	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.48	19.08	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.32	18.92	33.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.18	17.78	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.32	18.92	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.40	19.00	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.41	19.01	33.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.15	17.75	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.28	18.88	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.31	18.91	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.39	18.99	33.00	PASS



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Band66	3MHz	16QAM	132657	15RB#0	21.09	17.69	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#0	21.33	17.93	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#8	21.29	17.89	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.28	17.88	33.00	PASS
Band66	3MHz	64QAM	131987	15RB#0	20.19	16.79	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.30	17.90	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.32	17.92	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.31	17.91	33.00	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.13	16.73	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#0	21.22	17.82	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#8	21.28	17.88	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.24	17.84	33.00	PASS
Band66	3MHz	64QAM	132657	15RB#0	20.12	16.72	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.04	19.64	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.26	19.86	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.06	19.66	33.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.17	18.77	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.06	19.66	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.29	19.89	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.04	19.64	33.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.16	18.76	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.97	19.57	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.25	19.85	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.98	19.58	33.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.12	18.72	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.37	18.97	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.49	19.09	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.27	18.87	33.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.16	17.76	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.35	18.95	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.49	19.09	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.21	18.81	33.00	PASS



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Band66	5MHz	16QAM	132322	25RB#0	21.14	17.74	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.24	18.84	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.53	19.13	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.26	18.86	33.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.12	17.72	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.26	17.86	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.43	18.03	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#24	21.30	17.90	33.00	PASS
Band66	5MHz	64QAM	131997	25RB#0	20.20	16.80	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.25	17.85	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.41	18.01	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#24	21.18	17.78	33.00	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.16	16.76	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.06	17.66	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#12	21.40	18.00	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#24	21.08	17.68	33.00	PASS
Band66	5MHz	64QAM	132647	25RB#0	20.15	16.75	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.14	19.74	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.27	19.87	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.17	19.77	33.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.27	18.87	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.15	19.75	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.27	19.87	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.09	19.69	33.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.24	18.84	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.01	19.61	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.16	19.76	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.08	19.68	33.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.15	18.75	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.42	19.02	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.45	19.05	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.44	19.04	33.00	PASS



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Band66	10MHz	16QAM	132322	1RB#0	22.38	18.98	33.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.43	19.03	33.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.34	18.94	33.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.23	17.83	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.34	18.94	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.40	19.00	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.33	18.93	33.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.16	17.76	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.31	17.91	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.48	18.08	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#49	21.26	17.86	33.00	PASS
Band66	10MHz	64QAM	132022	50RB#0	20.26	16.86	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.31	17.91	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.41	18.01	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.21	17.81	33.00	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.26	16.86	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#0	21.17	17.77	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#24	21.36	17.96	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#49	21.22	17.82	33.00	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.18	16.78	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.05	19.65	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.20	19.80	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.12	19.72	33.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.22	18.82	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.05	19.65	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.21	19.81	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.10	19.70	33.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.25	18.85	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.96	19.56	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.16	19.76	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.09	19.69	33.00	PASS



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Band66	15MHz	QPSK	132597	75RB#0	22.15	18.75	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.38	18.98	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.44	19.04	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.38	18.98	33.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.18	17.78	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.27	18.87	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.51	19.11	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.37	18.97	33.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.22	17.82	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.19	18.79	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.43	19.03	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.32	18.92	33.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.14	17.74	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.23	17.83	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.36	17.96	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.25	17.85	33.00	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.17	16.77	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.24	17.84	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.37	17.97	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.27	17.87	33.00	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.24	16.84	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#0	21.13	17.73	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.39	17.99	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#74	21.26	17.86	33.00	PASS
Band66	15MHz	64QAM	132597	75RB#0	20.12	16.72	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.95	19.55	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.27	19.87	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.11	19.71	33.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.17	18.77	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.98	19.58	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.28	19.88	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.03	19.63	33.00	PASS



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Band66	20MHz	QPSK	132322	100RB#0	22.18	18.78	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.83	19.43	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.23	19.83	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.01	19.61	33.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.18	18.78	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.27	18.87	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.49	19.09	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.27	18.87	33.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.13	17.73	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.21	18.81	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.49	19.09	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.27	18.87	33.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.16	17.76	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.16	18.76	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.45	19.05	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.30	18.90	33.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.19	17.79	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#0	21.16	17.76	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.47	18.07	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#99	21.28	17.88	33.00	PASS
Band66	20MHz	64QAM	132072	100RB#0	20.16	16.76	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.12	17.72	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.47	18.07	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#99	21.10	17.70	33.00	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.19	16.79	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.03	17.63	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.37	17.97	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#99	21.11	17.71	33.00	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.16	16.76	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	5.38	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.32	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.38	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.16	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.12	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.18	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.40	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.40	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.42	13	PASS



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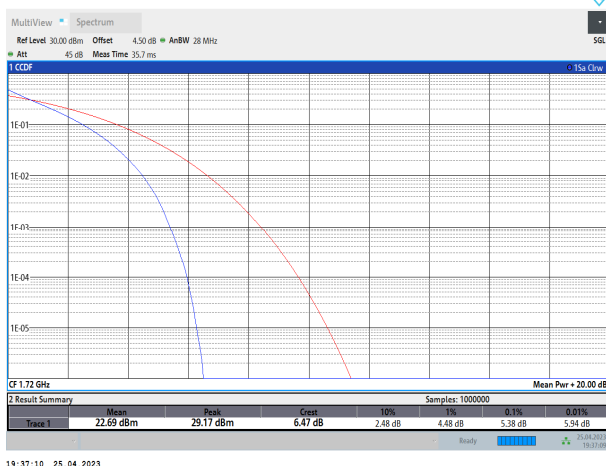
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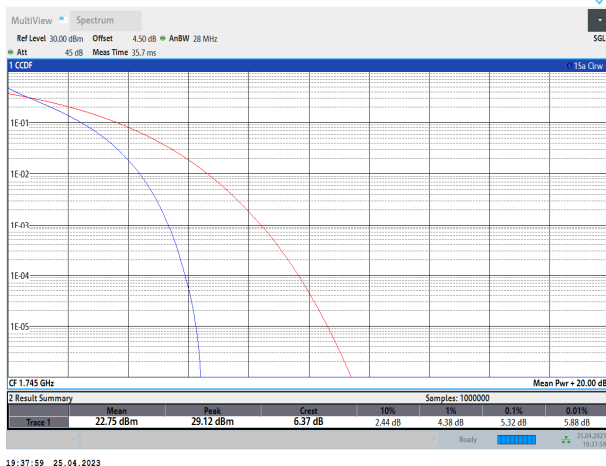
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Test Graphs

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



Band66-20MHz-QPSK-132322-100RB#0



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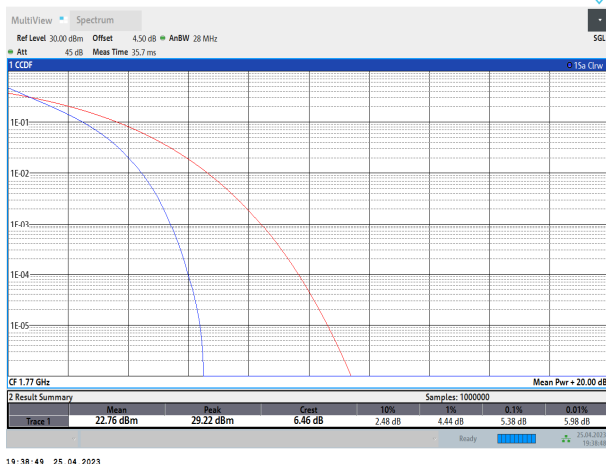
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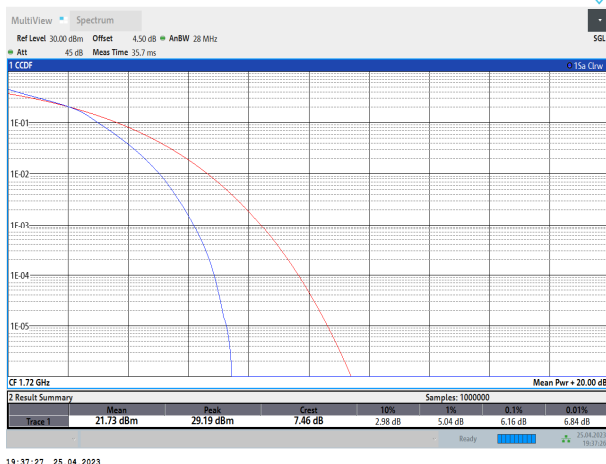
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Band66-20MHz-QPSK-132572-100RB#0



19:38:49 25.04.2023

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



19:37:27 25.04.2023



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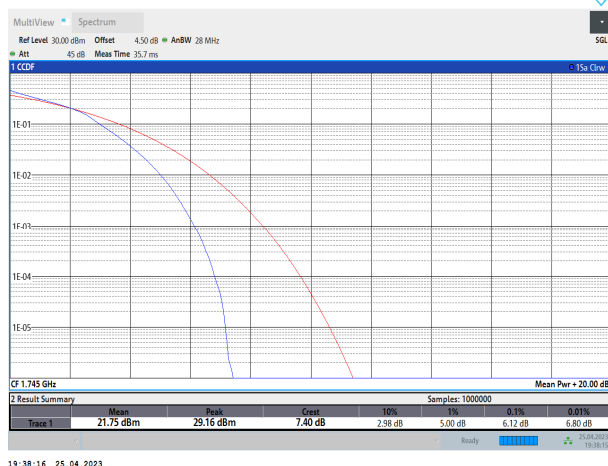
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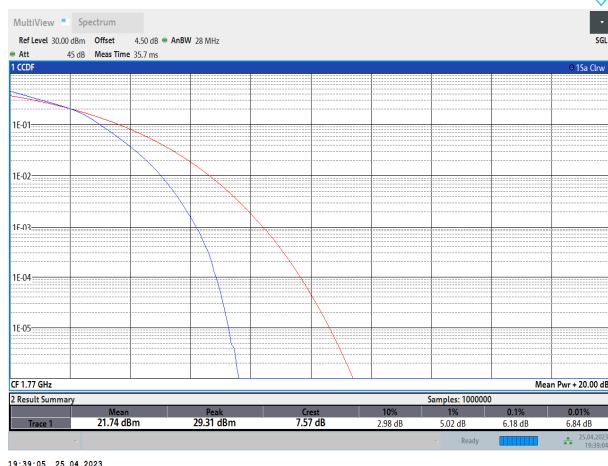
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Band66-20MHz-16QAM-132322-100RB#0



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



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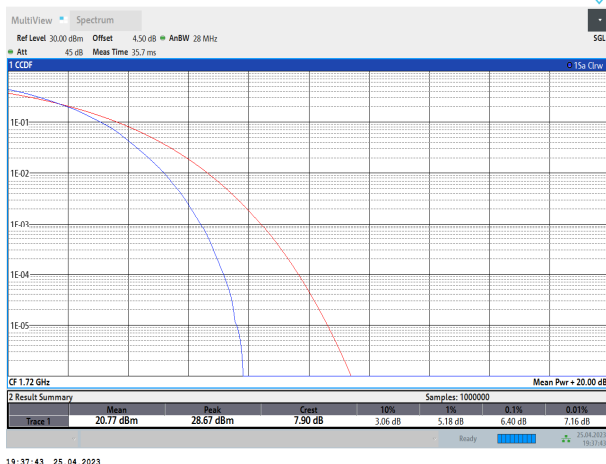
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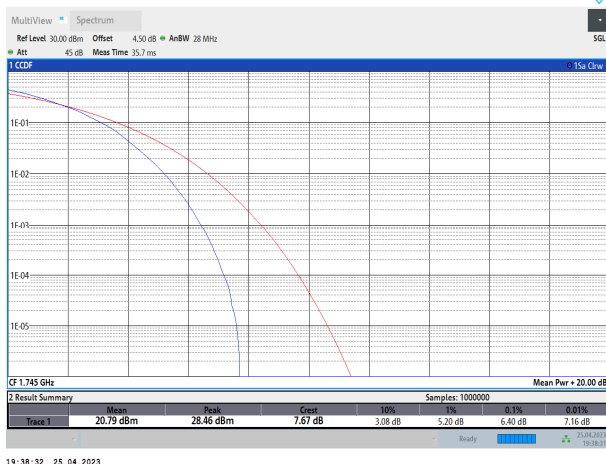
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Band66-20MHz-64QAM-132072-100RB#0



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



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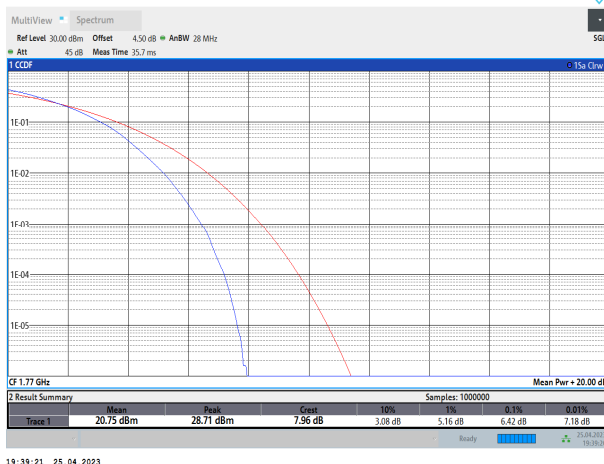
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Band66-20MHz-64QAM-132572-100RB#0



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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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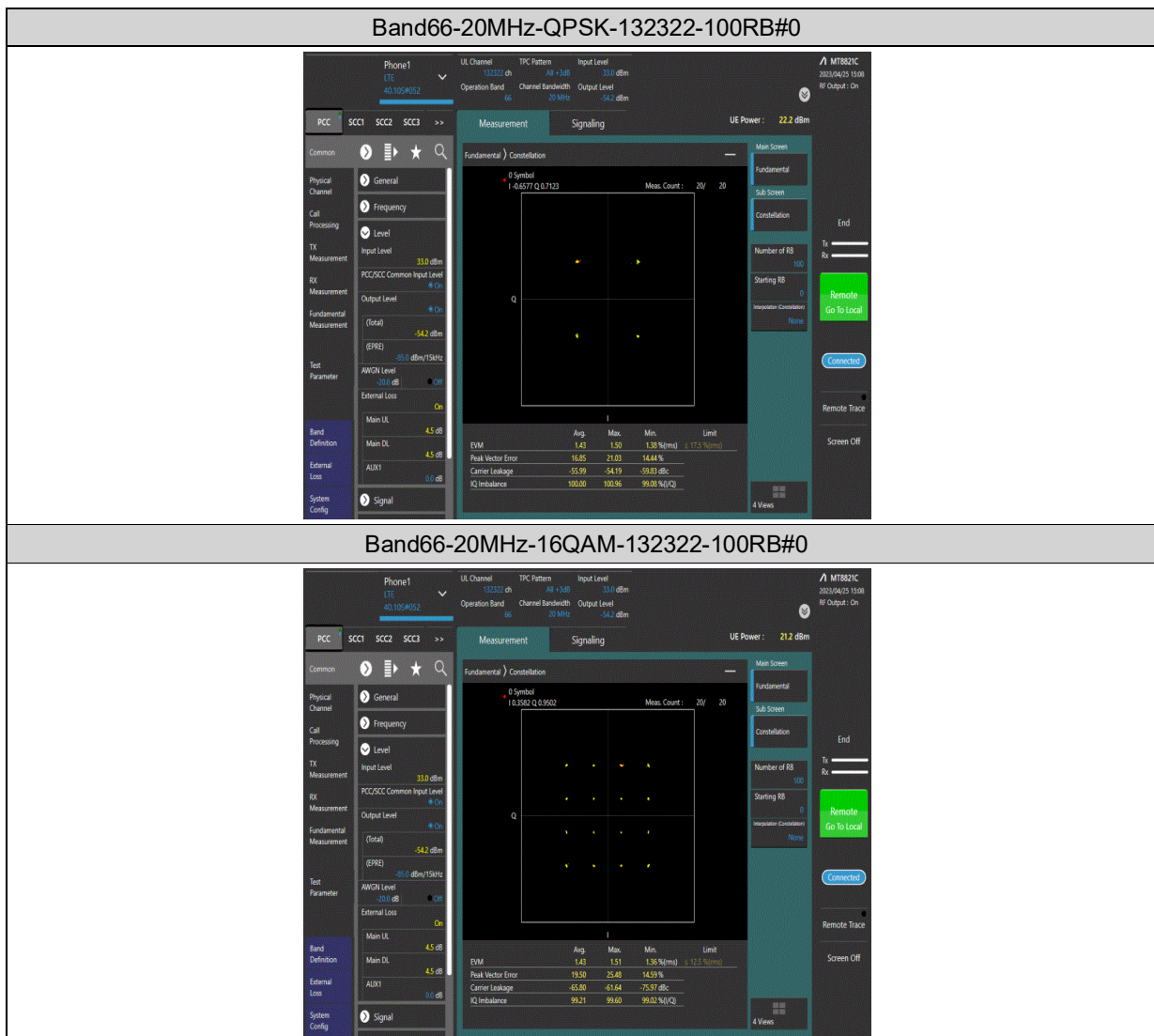
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Test Graphs



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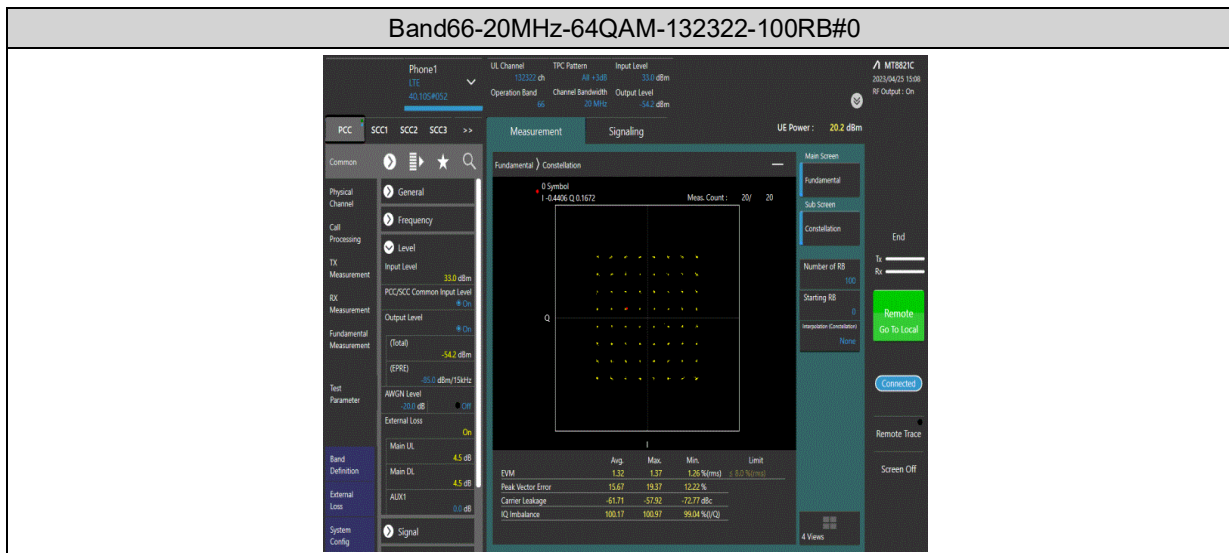
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Band66-20MHz-64QAM-132322-100RB#0



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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	1.085	1.29	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.085	1.28	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.091	1.29	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.098	1.30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.095	1.29	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.101	1.32	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.093	1.30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.084	1.24	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.087	1.26	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.685	2.87	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.682	2.90	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.681	2.89	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.683	2.90	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.690	2.88	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.686	2.89	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.675	2.90	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.692	2.88	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.675	2.87	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.482	4.83	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.458	4.86	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.457	4.99	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.470	4.84	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.471	4.95	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.478	4.96	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.485	5.02	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.471	4.95	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.480	4.95	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.949	9.62	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.924	9.78	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.949	9.82	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.926	9.66	PASS



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Band66	10MHz	16QAM	132322	50RB#0	8.935	9.66	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.938	9.80	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.933	9.84	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.947	9.82	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.950	9.70	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.508	15.03	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.470	14.94	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.467	14.91	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.500	14.97	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.528	15.12	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.478	14.73	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.436	15.15	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.483	17.76	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.458	14.82	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.870	19.32	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.893	19.28	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.910	19.60	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.825	19.20	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.917	19.36	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.948	19.32	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.871	19.36	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.913	19.28	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.899	19.08	PASS



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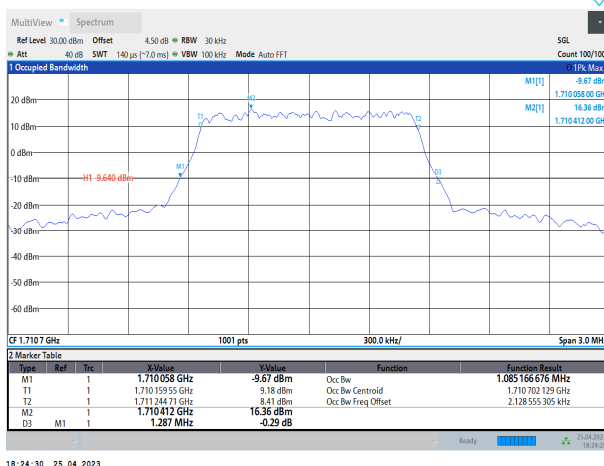
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Test Graphs

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



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

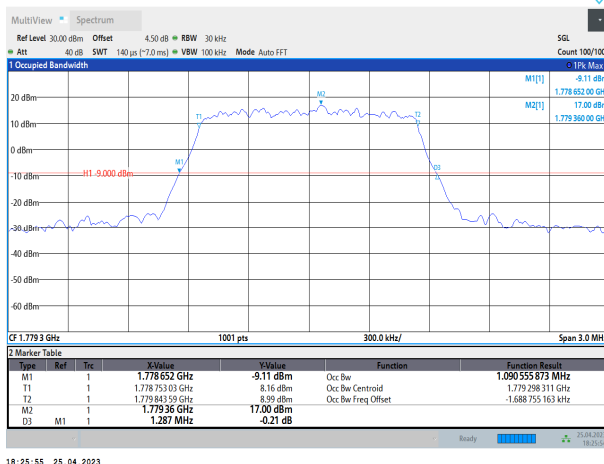


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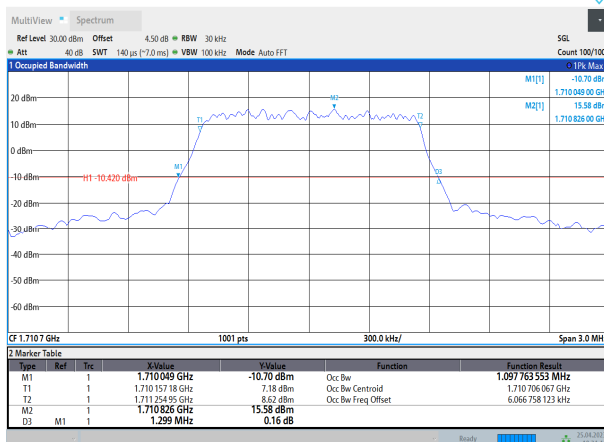
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Band66-1.4MHz-QPSK-132665-6RB#0



18:25:55 25.04.2023

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



18:24:44 25.04.2023



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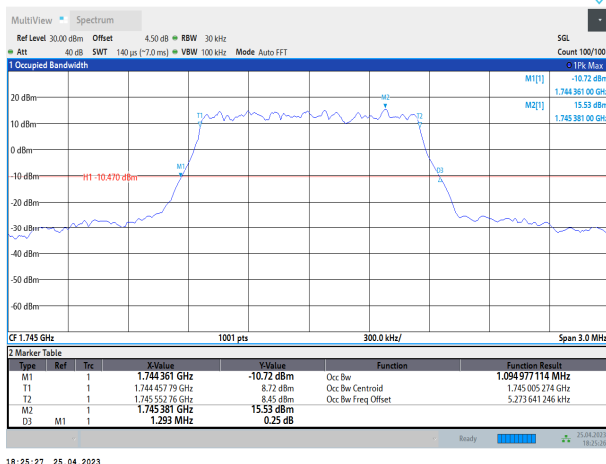
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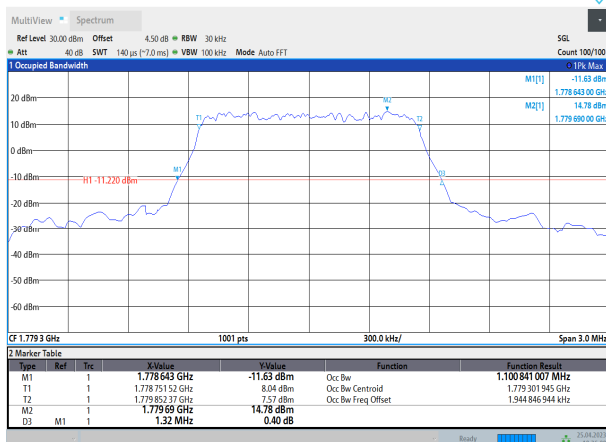
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Band66-1.4MHz-16QAM-132322-6RB#0



18:25:27 25.04.2023

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



18:26:09 25.04.2023



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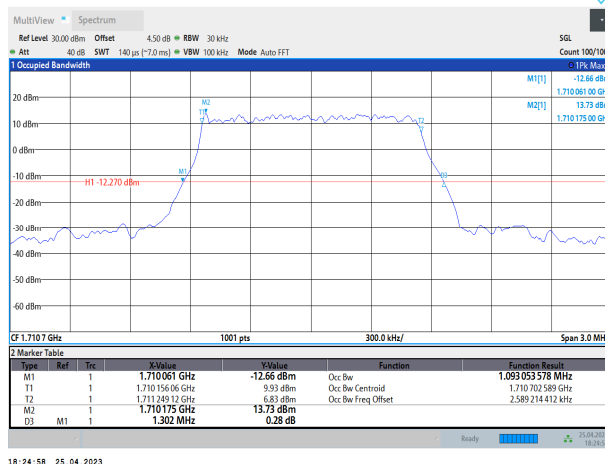
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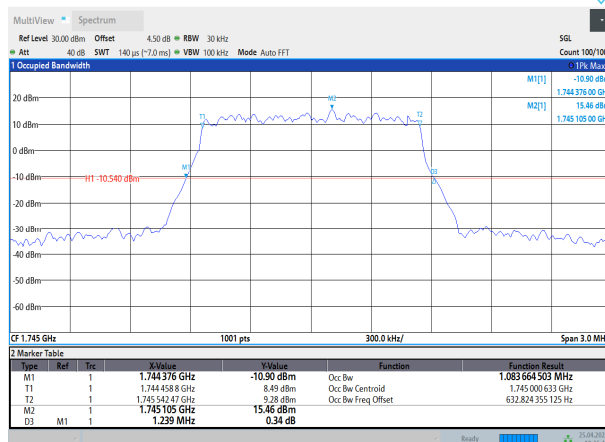
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Band66-1.4MHz-64QAM-131979-6RB#0



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



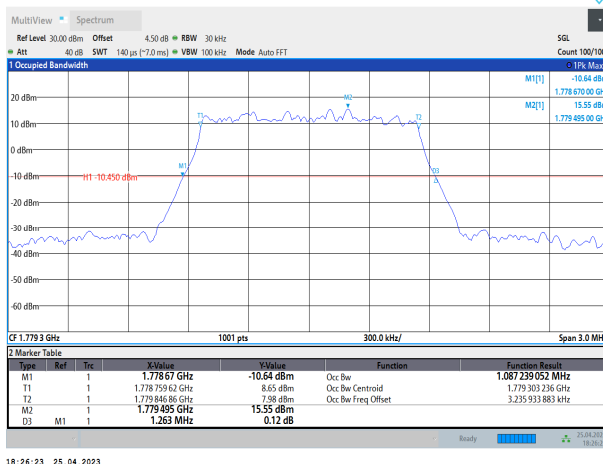
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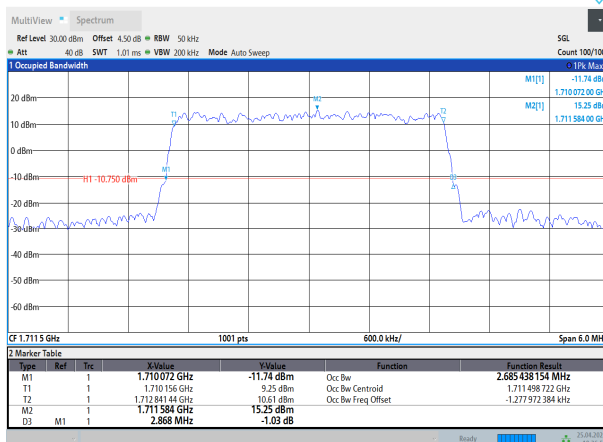
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Band66-1.4MHz-64QAM-132665-6RB#0



18:26:23 25.04.2023

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



18:26:57 25.04.2023



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



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

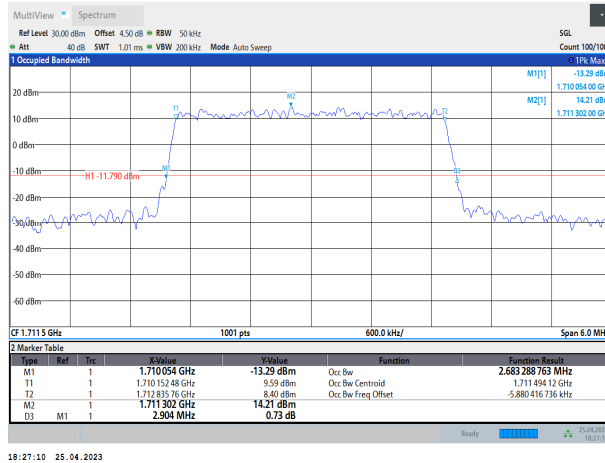


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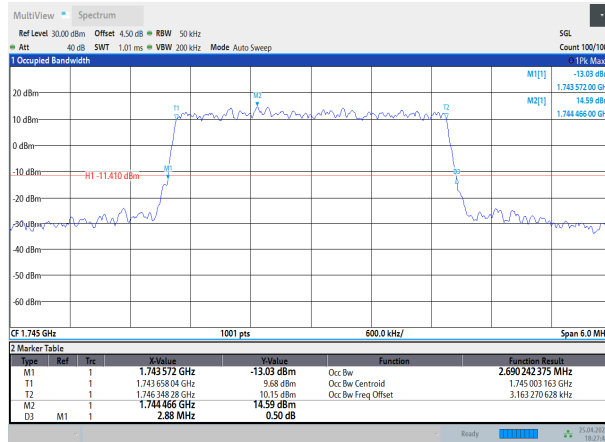
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Band66-3MHz-16QAM-131987-15RB#0



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



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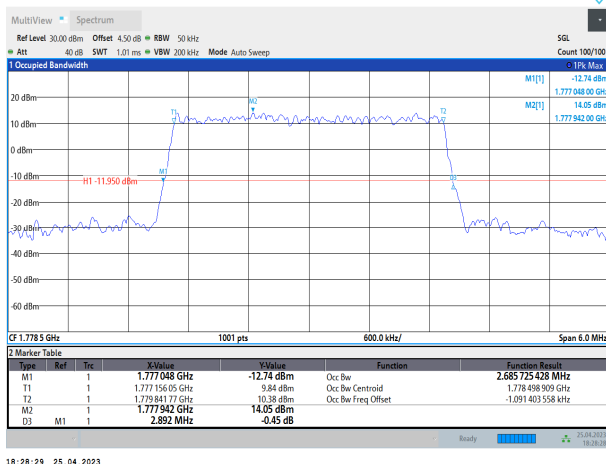
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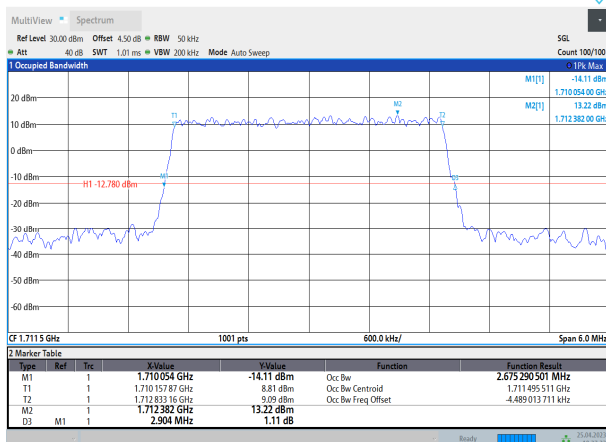
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Band66-3MHz-16QAM-132657-15RB#0



18:28:29 25.04.2023

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



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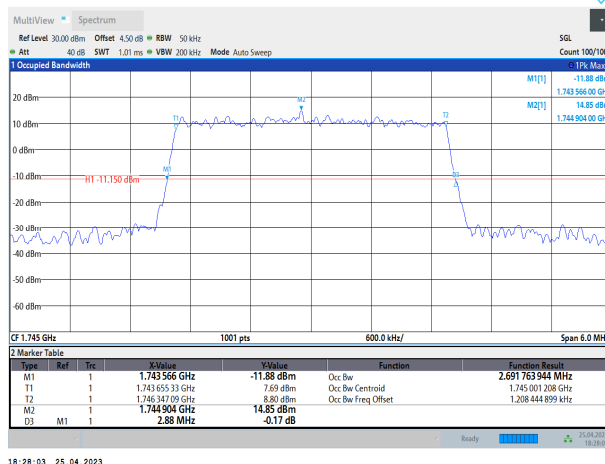
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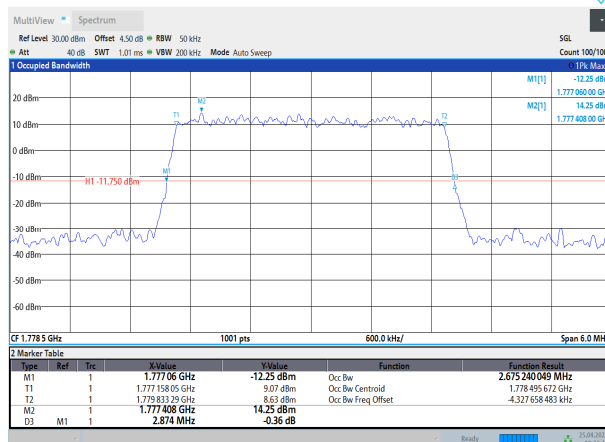
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Band66-3MHz-64QAM-132322-15RB#0



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



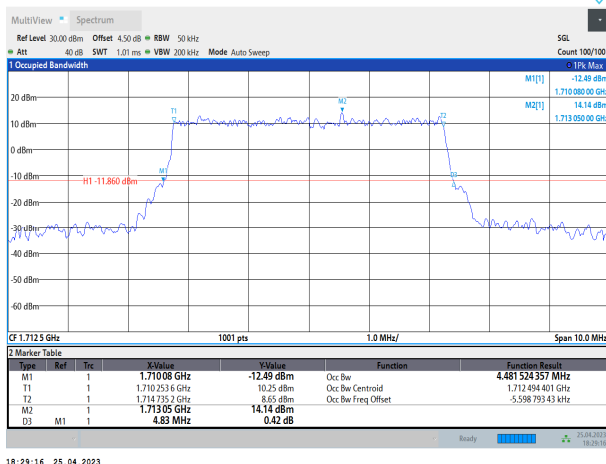
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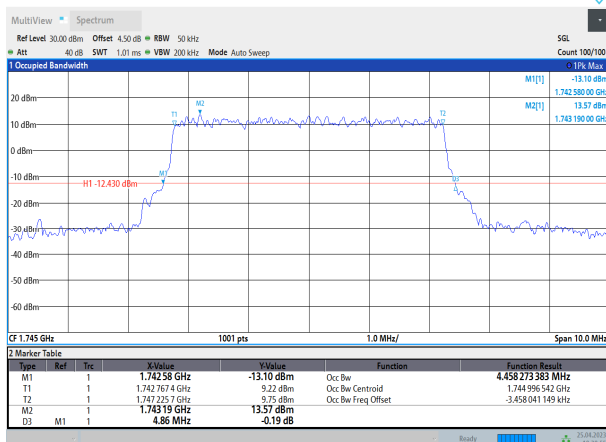
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Band66-5MHz-QPSK-131997-25RB#0



18:29:16 25.04.2023

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



18:29:56 25.04.2023



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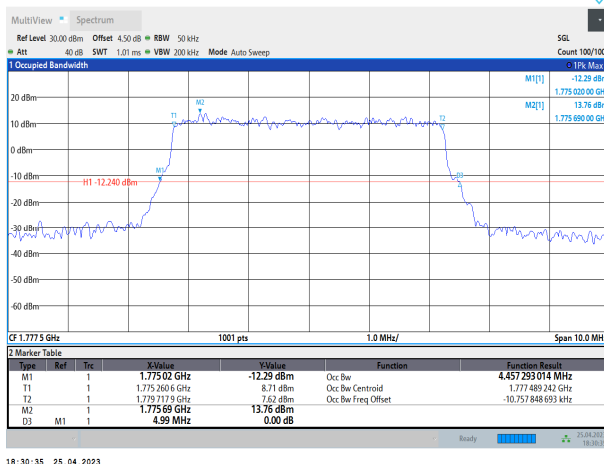
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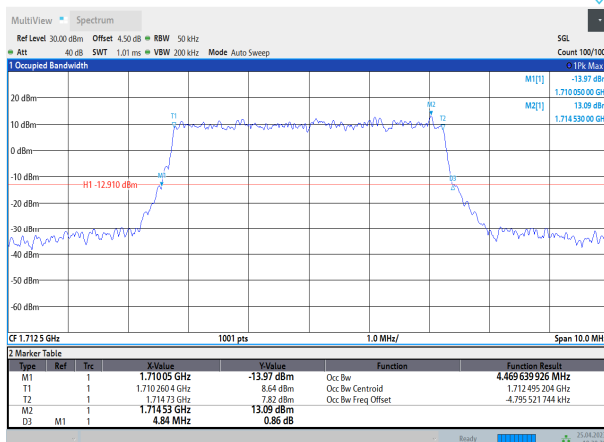
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Band66-5MHz-16QAM-131997-25RB#0



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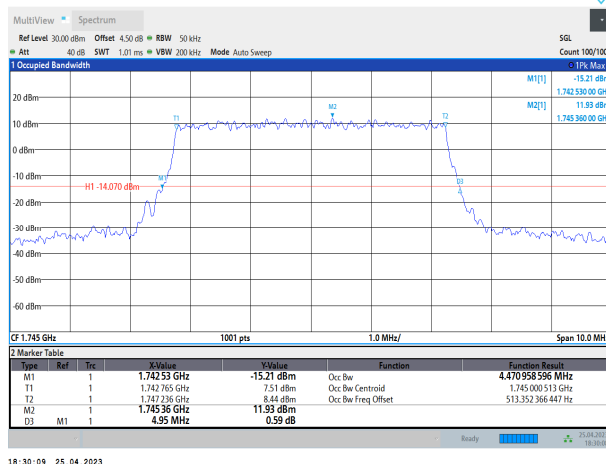
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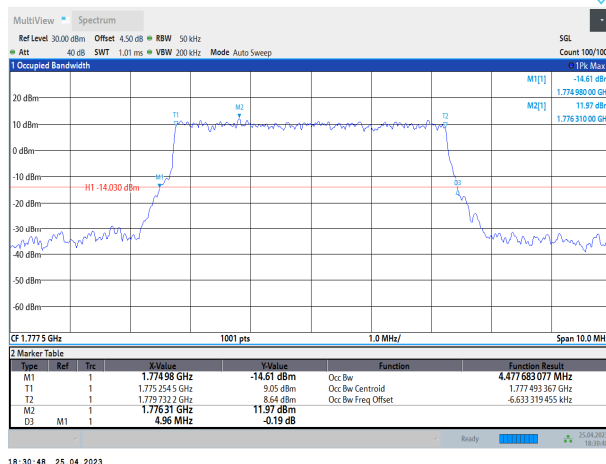
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Band66-5MHz-16QAM-132322-25RB#0



Band66-5MHz-16QAM-132647-25RB#0



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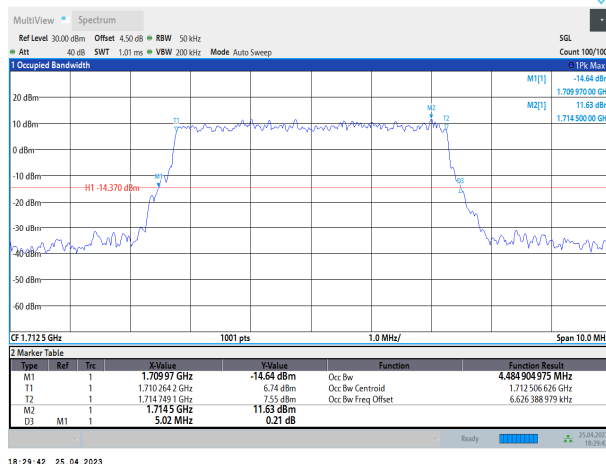
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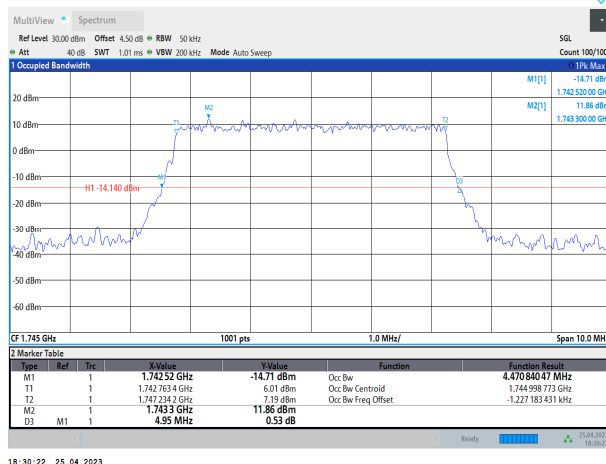
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Band66-5MHz-64QAM-131997-25RB#0



Band66-5MHz-64QAM-132322-25RB#0

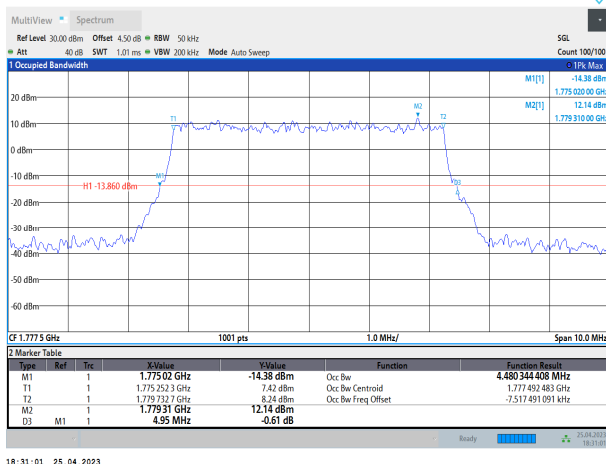


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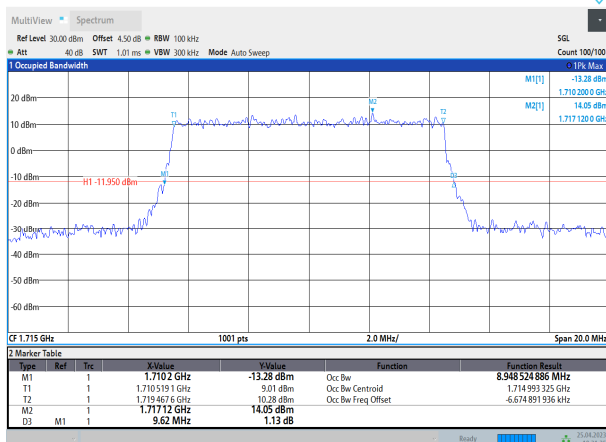
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Band66-5MHz-64QAM-132647-25RB#0



18:31:01 25.04.2023

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



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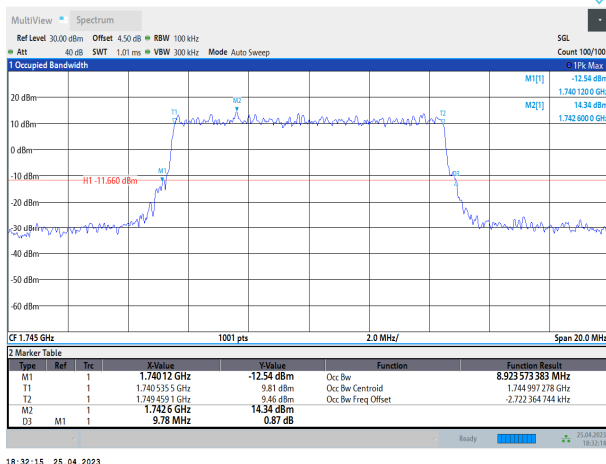
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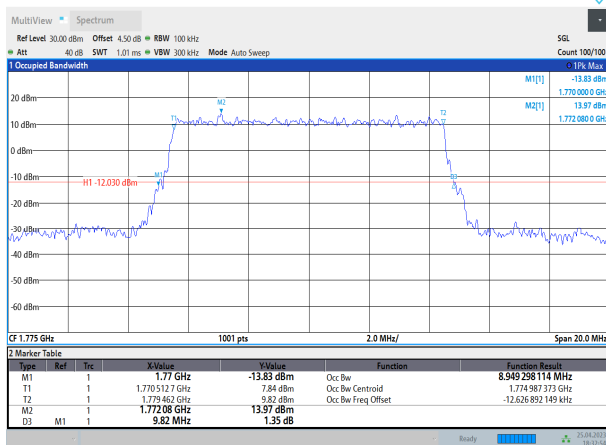
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Band66-10MHz-QPSK-132622-50RB#0



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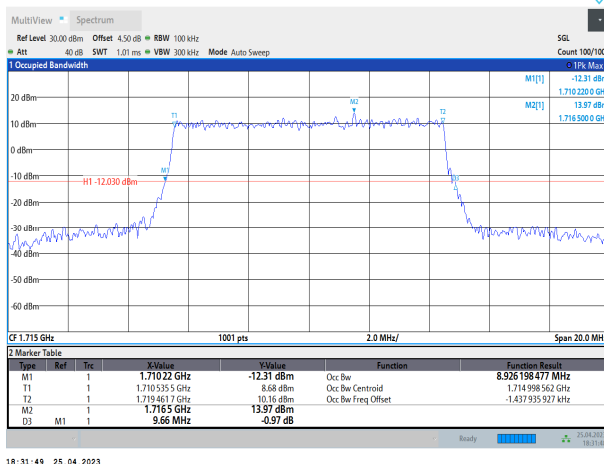
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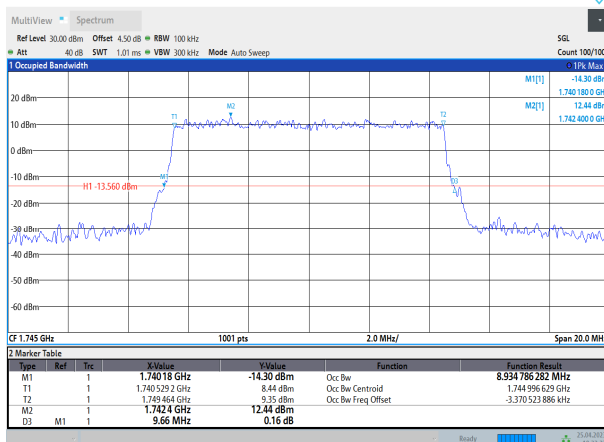
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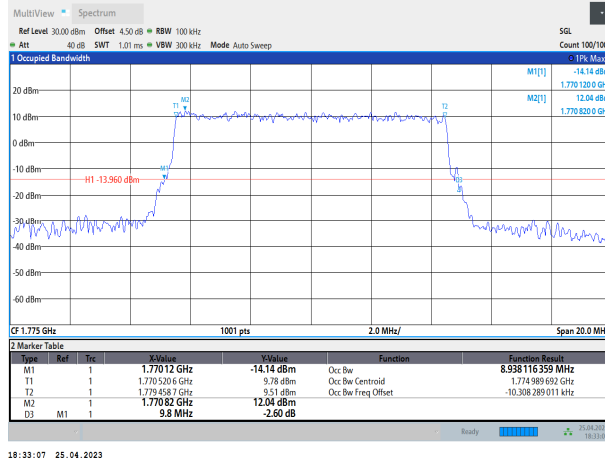
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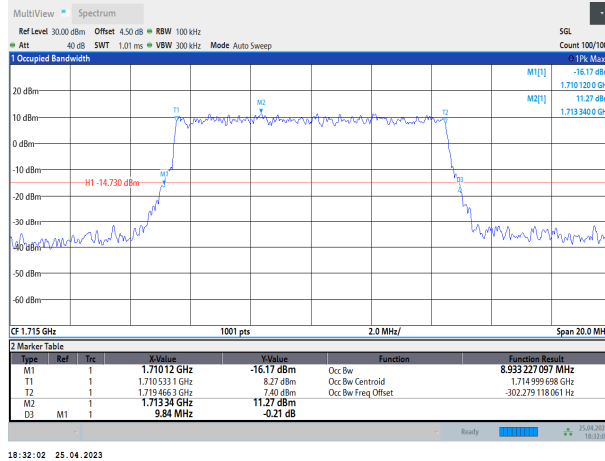
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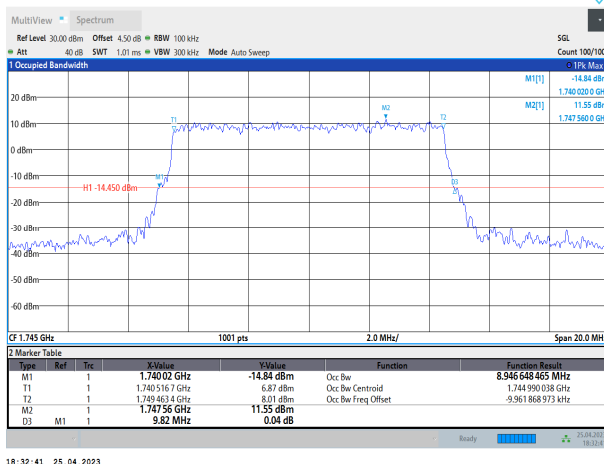


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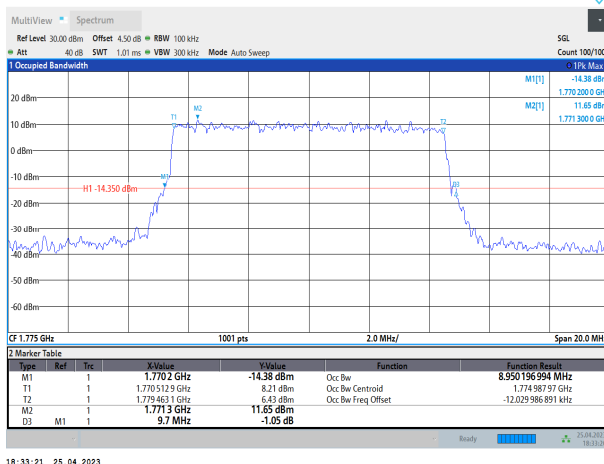
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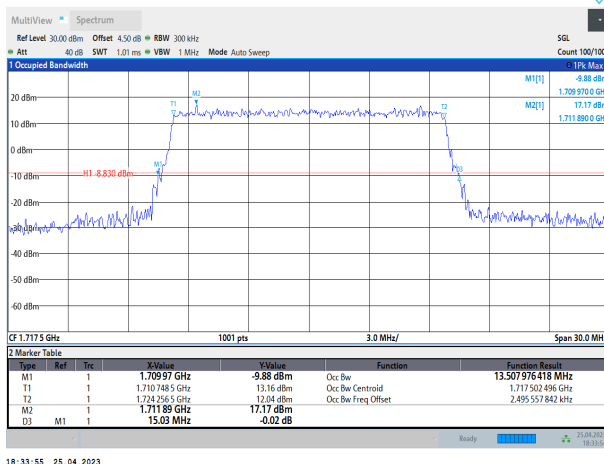


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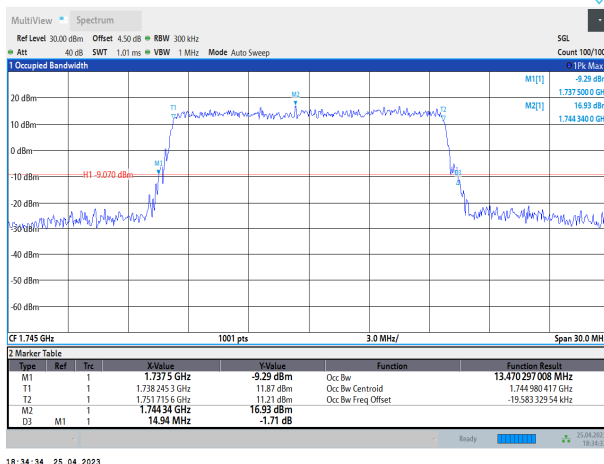
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Band66-15MHz-QPSK-132322-75RB#0

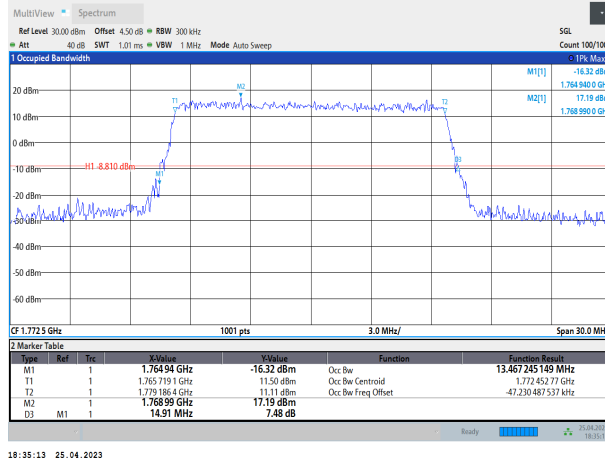


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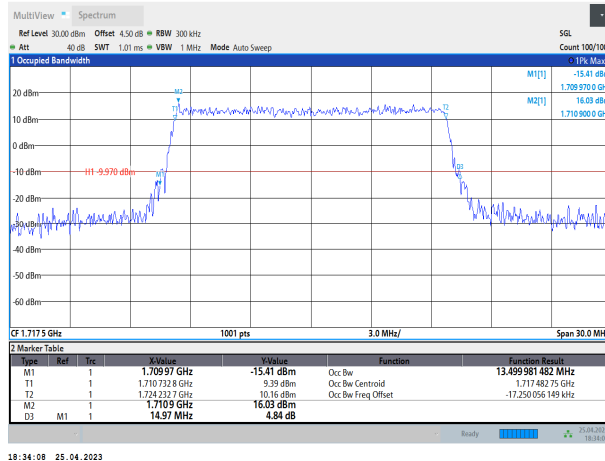
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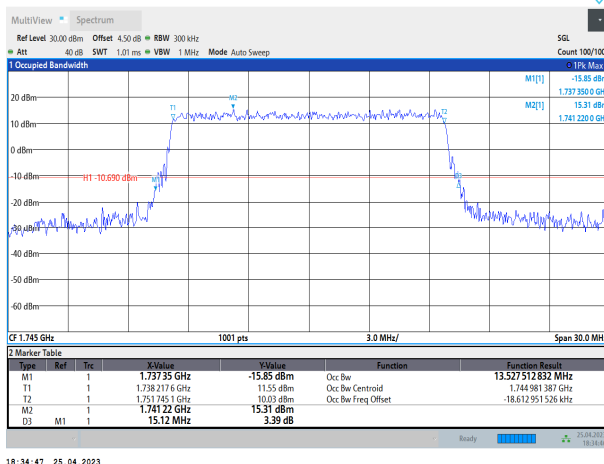


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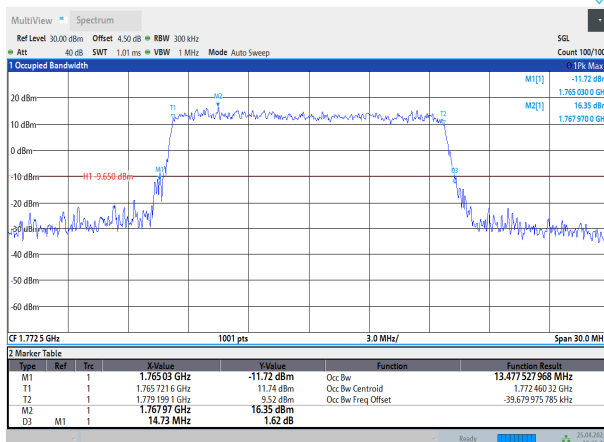
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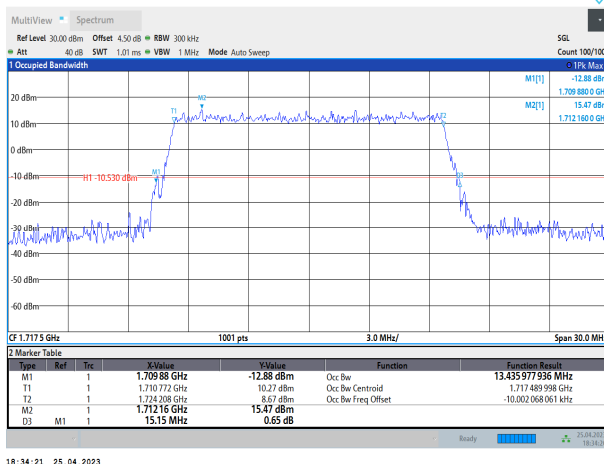
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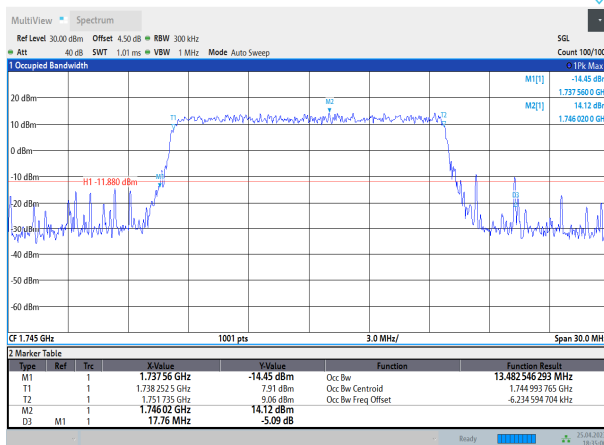
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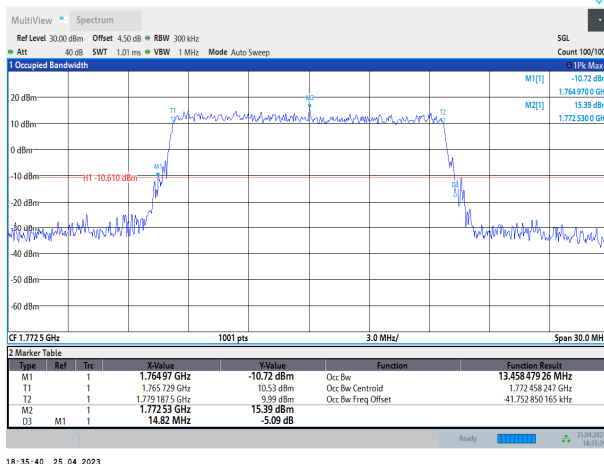
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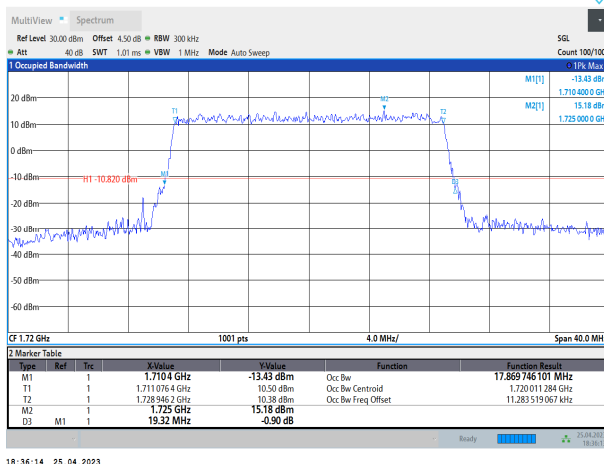
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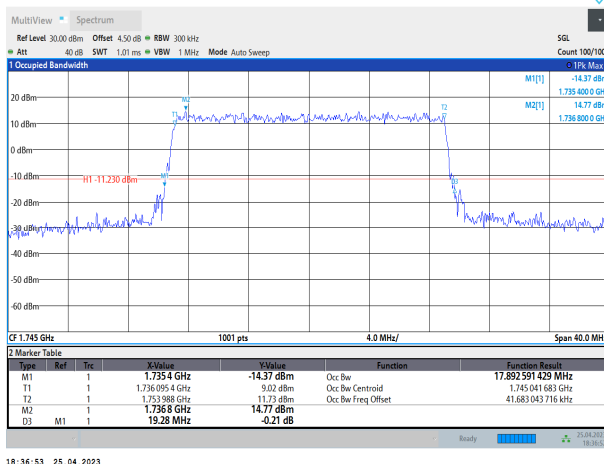


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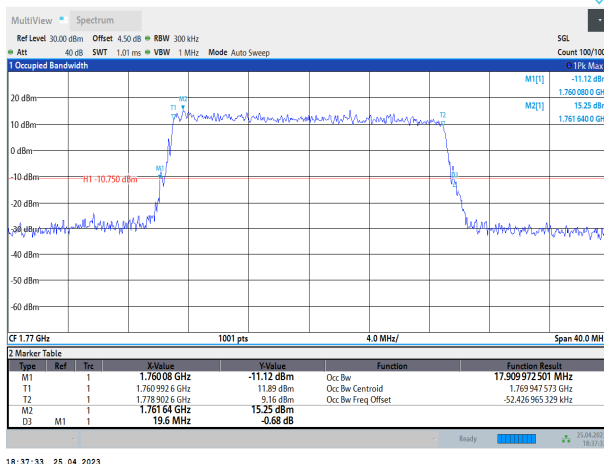
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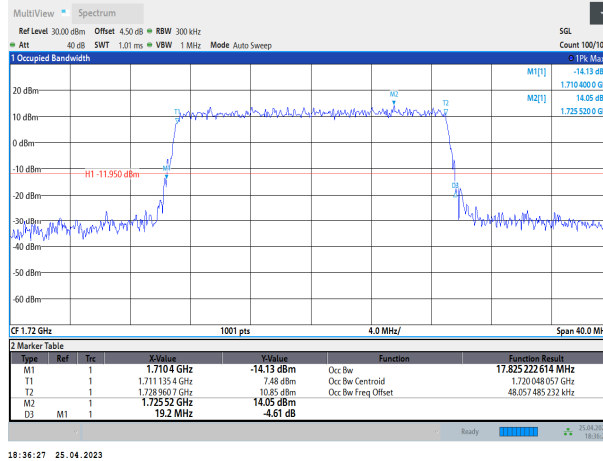


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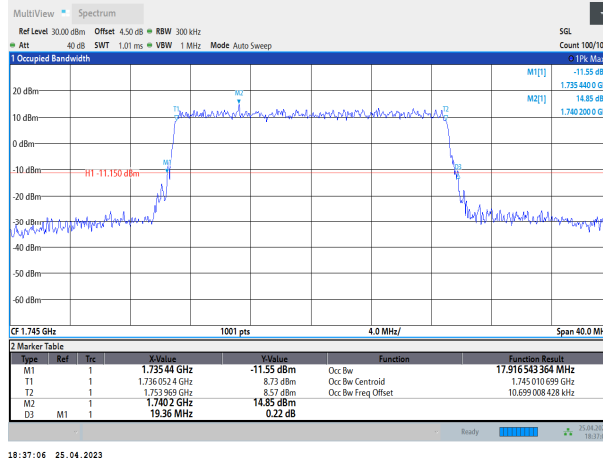
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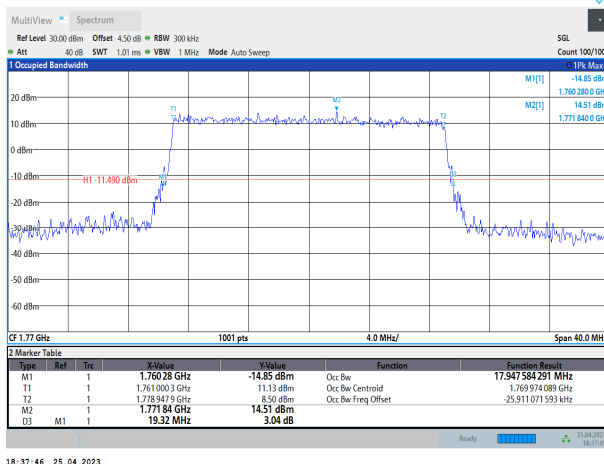


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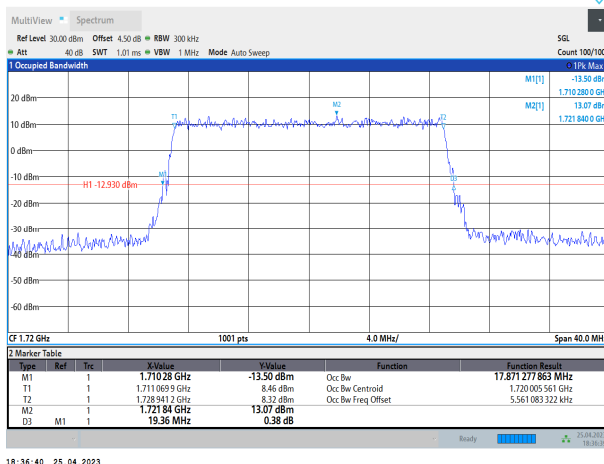
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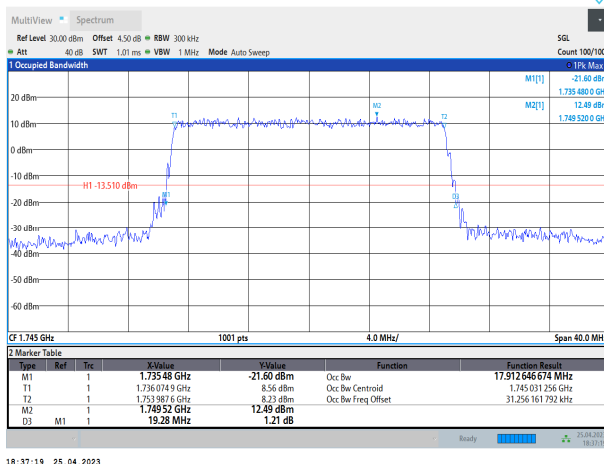


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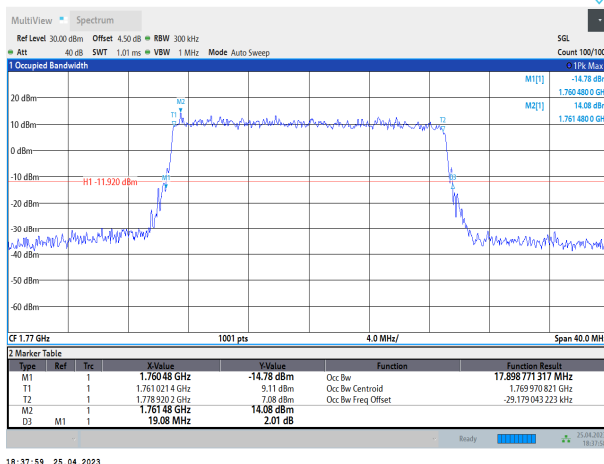
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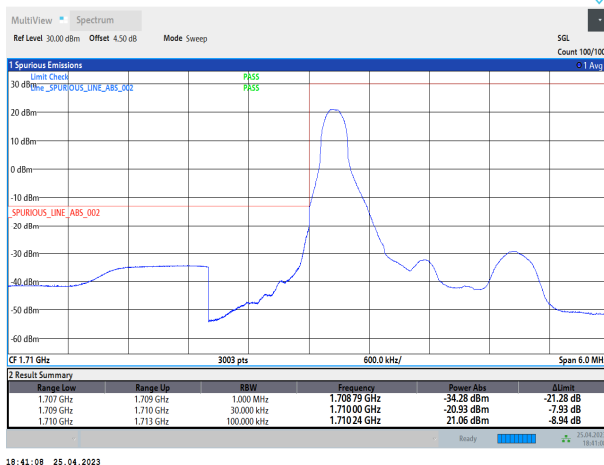
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Band Edge

Test Graphs

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



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



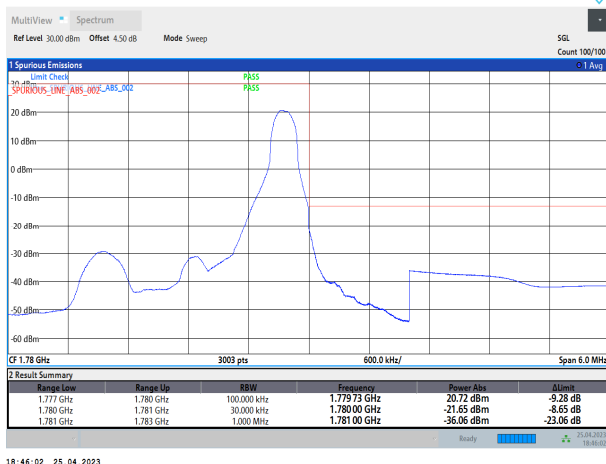
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Band66-1.4MHz-QPSK-132665-1RB#5



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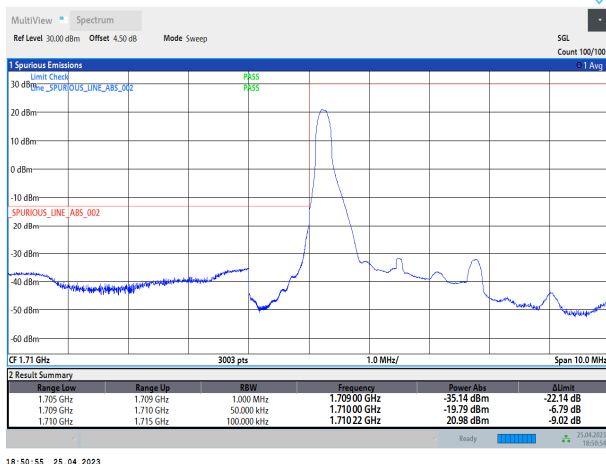
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Band66-3MHz-QPSK-131987-15RB#0



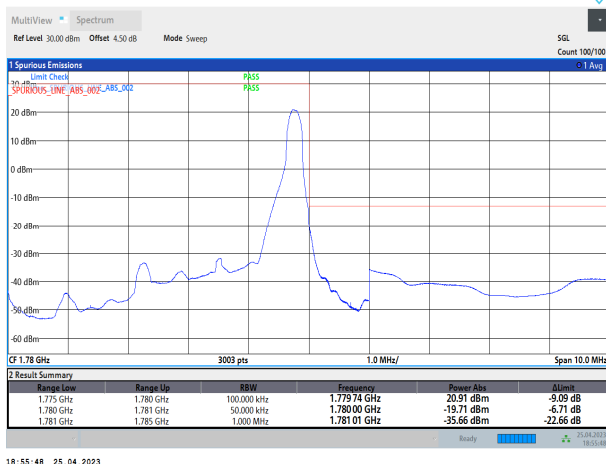
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Band66-3MHz-QPSK-132657-1RB#14



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



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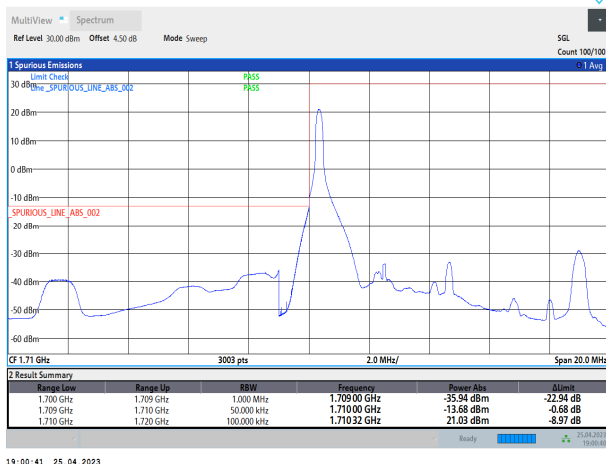
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Band66-5MHz-QPSK-131997-1RB#0



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



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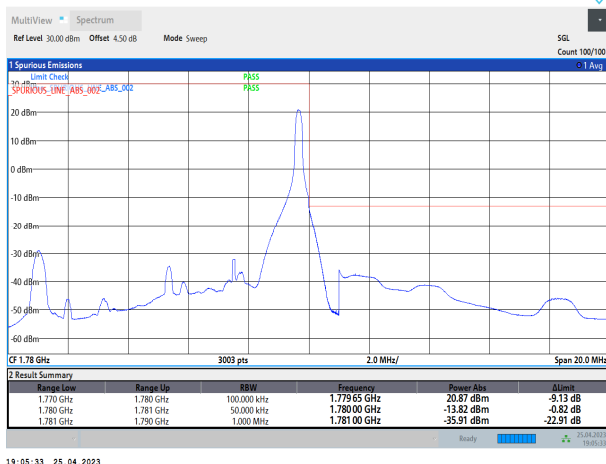
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Band66-5MHz-QPSK-132647-1RB#24



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



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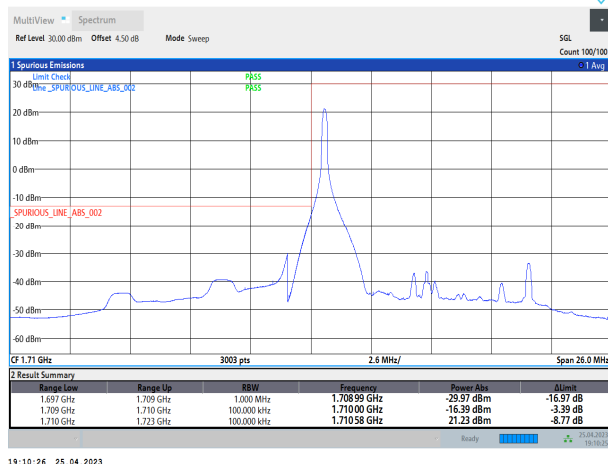
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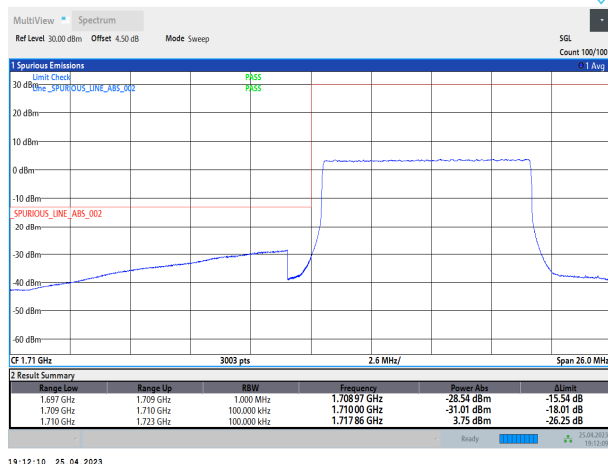
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Band66-10MHz-QPSK-132022-1RB#0



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



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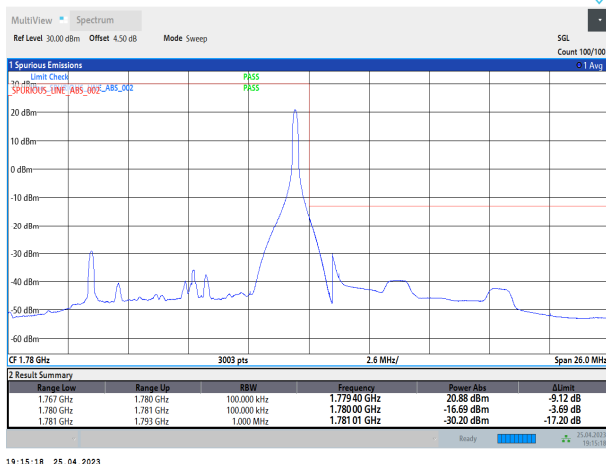
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Band66-10MHz-QPSK-132622-1RB#49



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



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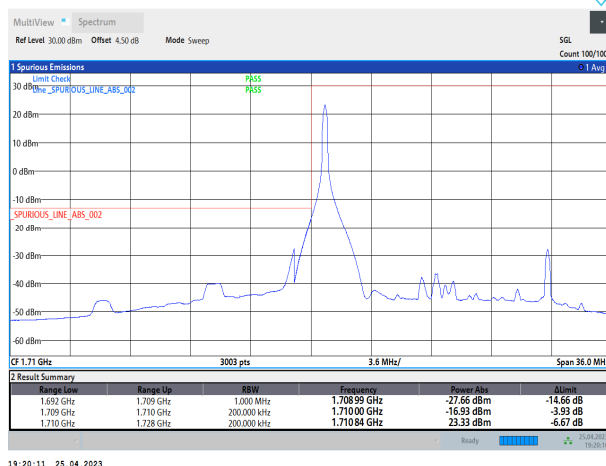
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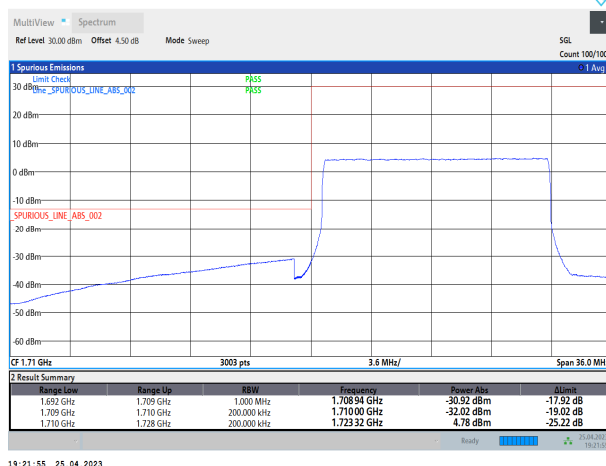
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Band66-15MHz-QPSK-132047-1RB#0



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



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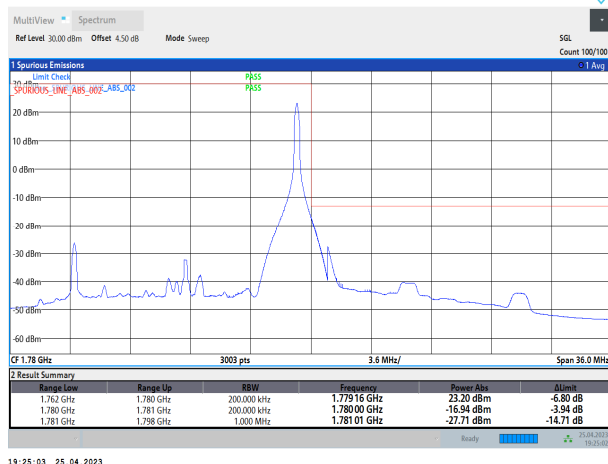
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Band66-15MHz-QPSK-132597-1RB#74



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



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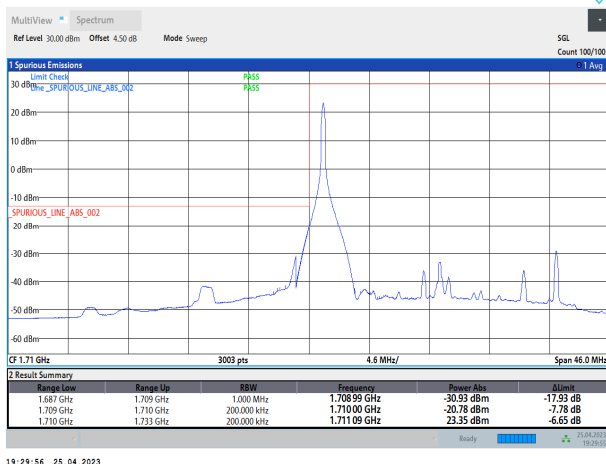
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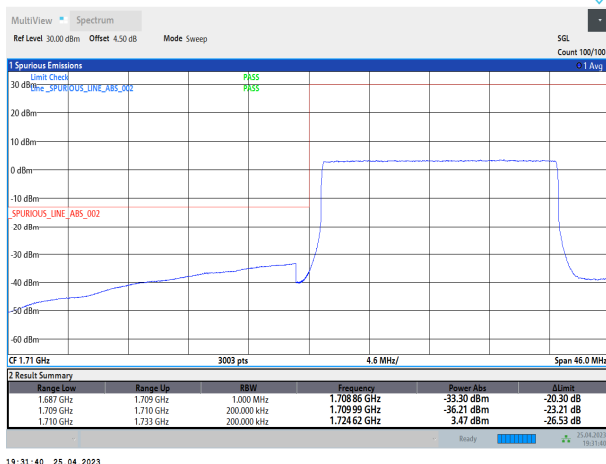
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Band66-20MHz-QPSK-132072-1RB#0



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



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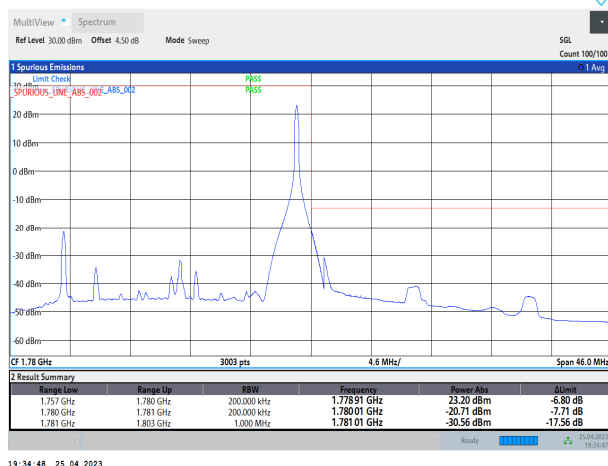
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Band66-20MHz-QPSK-132572-1RB#99



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



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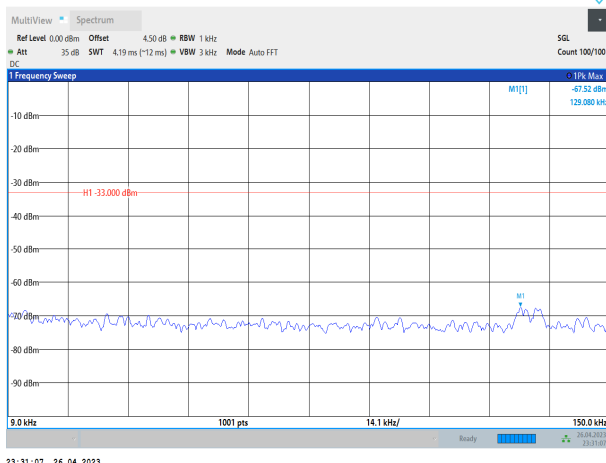
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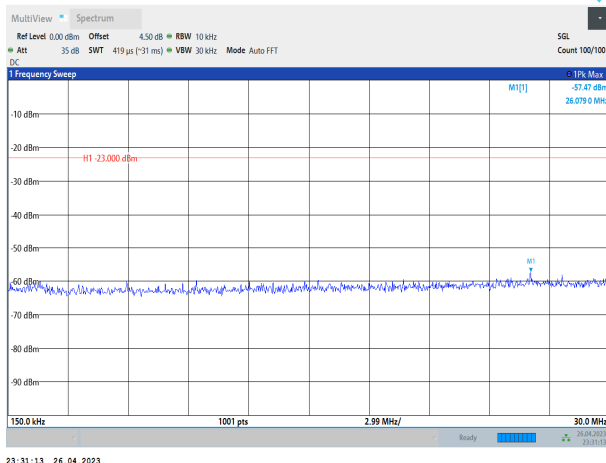
Conducted Spurious Emission

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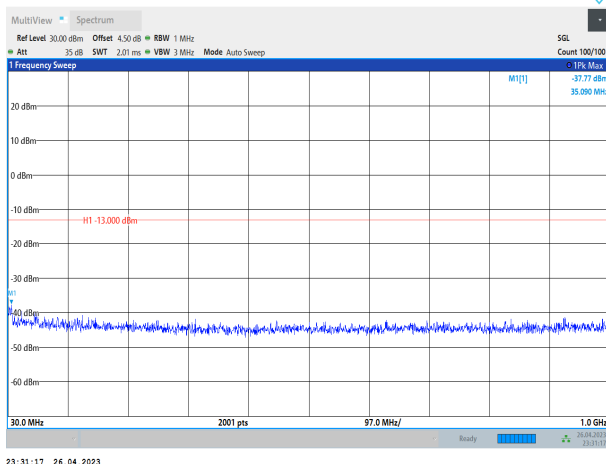
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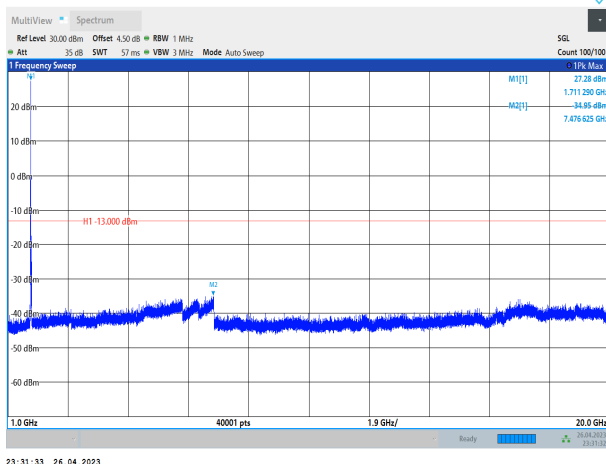
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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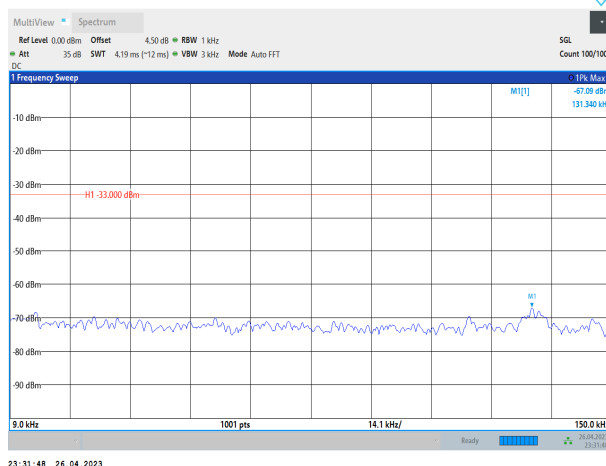


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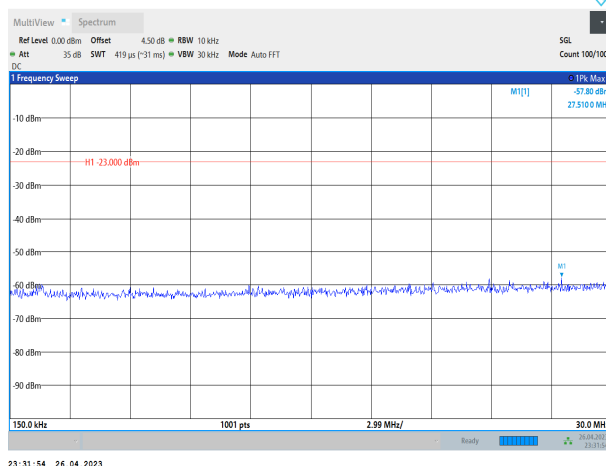
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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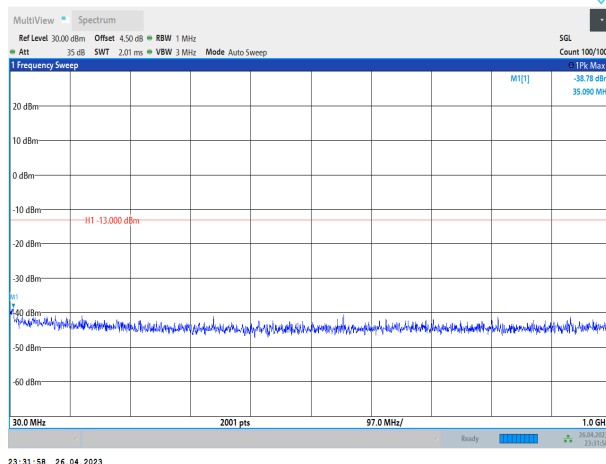
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Report No.: SEWM2304000111RG01

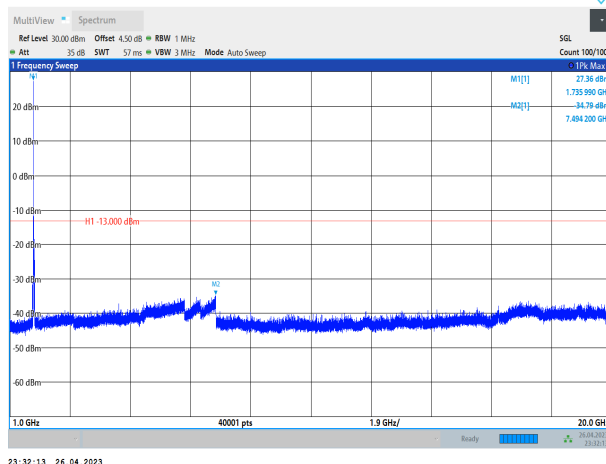
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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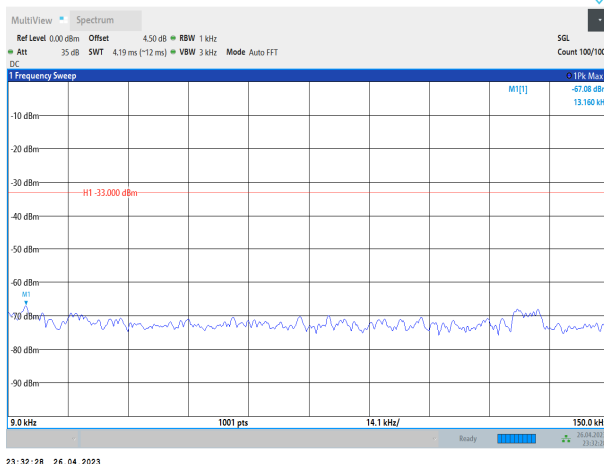
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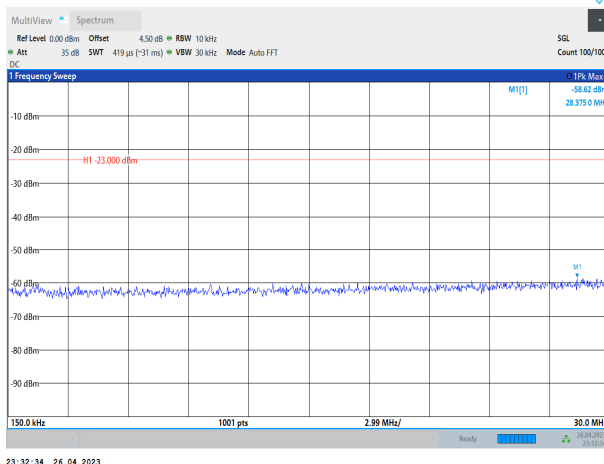
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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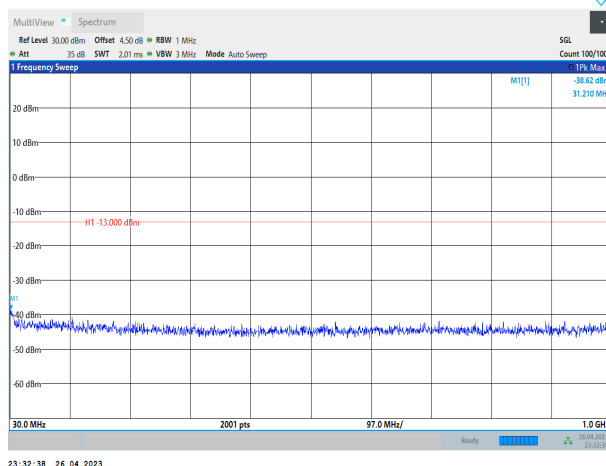
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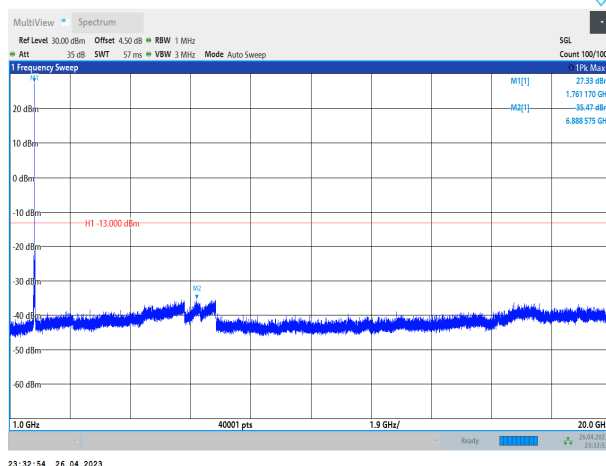
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE B66_ TM1

Test Channel = Low

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	71.04	-46.28	29.45	-41.05	-13.00	28.05	159	253	Horizontal
2	5133	55.90	-45.34	32.95	-51.75	-13.00	38.75	218	118	Horizontal
3	6844.5	46.37	-44.14	35.89	-57.14	-13.00	44.14	154	253	Horizontal
4	8510.4500	38.52	-41.59	37.56	-60.77	-13.00	47.77	163	104	Horizontal
5	10212.5400	35.07	-39.45	38.81	-60.82	-13.00	47.82	187	192	Horizontal
6	11914.6300	33.88	-37.18	38.88	-59.68	-13.00	46.68	226	134	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	68.70	-46.28	29.45	-43.39	-13.00	30.39	105	73	Vertical
2	5133.75	53.01	-45.34	32.95	-54.64	-13.00	41.64	158	254	Vertical
3	6844.5	45.83	-44.14	35.89	-57.68	-13.00	44.68	263	284	Vertical
4	8510.4500	38.68	-41.59	37.56	-60.61	-13.00	47.61	195	239	Vertical
5	10212.5400	35.57	-39.45	38.81	-60.32	-13.00	47.32	221	299	Vertical
6	11914.6300	33.39	-37.18	38.88	-60.17	-13.00	47.17	157	209	Vertical



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Test Band = LTE B66_ TM1
Test Channel = Mid
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.5	66.24	-46.27	29.50	-45.79	-13.00	32.79	102	240	Horizontal
2	5208	54.33	-45.26	32.98	-53.21	-13.00	40.21	187	134	Horizontal
3	6944.25	46.88	-43.86	36.01	-56.22	-13.00	43.22	162	240	Horizontal
4	8635.4500	38.73	-41.46	37.81	-60.18	-13.00	47.18	144	314	Horizontal
5	10362.5400	35.78	-39.04	38.85	-59.67	-13.00	46.67	159	14	Horizontal
6	12089.6300	34.43	-37.37	39.04	-59.16	-13.00	46.16	231	314	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.5	64.45	-46.27	29.50	-47.58	-13.00	34.58	112	57	Vertical
2	5208	50.71	-45.26	32.98	-56.83	-13.00	43.83	185	57	Vertical
3	6944.25	46.49	-43.86	36.01	-56.61	-13.00	43.61	126	283	Vertical
4	8680.5	42.06	-41.62	37.88	-56.94	-13.00	43.94	139	209	Vertical
5	10362.5400	35.72	-39.04	38.85	-59.73	-13.00	46.73	221	329	Vertical
6	12089.6300	33.72	-37.37	39.04	-59.87	-13.00	46.87	259	360	Vertical



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Test Band = LTE B66_ TM1

Test Channel = High

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	61.45	-46.23	29.54	-50.50	-13.00	37.50	126	269	Horizontal
2	5283	48.35	-45.12	32.91	-59.12	-13.00	46.12	259	151	Horizontal
3	7044.75	46.75	-43.85	36.20	-56.16	-13.00	43.16	158	269	Horizontal
4	8760.4500	38.75	-41.42	38.02	-59.92	-13.00	46.92	236	104	Horizontal
5	10512.5400	35.19	-38.76	38.97	-59.86	-13.00	46.86	154	360	Horizontal
6	12262.6300	33.74	-37.44	39.11	-59.85	-13.00	46.85	144	269	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	63.07	-46.23	29.54	-48.88	-13.00	35.88	123	300	Vertical
2	5283	49.80	-45.12	32.91	-57.67	-13.00	44.67	221	224	Vertical
3	7044.75	48.03	-43.85	36.20	-54.88	-13.00	41.88	187	269	Vertical
4	8805	41.98	-41.25	38.08	-56.45	-13.00	43.45	159	30	Vertical
5	10512.5400	34.97	-38.76	38.97	-60.08	-13.00	47.08	126	134	Vertical
6	12262.6300	33.57	-37.44	39.11	-60.02	-13.00	47.02	251	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

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-6.50	-0.003725	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-6.50	-0.003725	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-1.20	-0.000688	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-7.00	-0.004011	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-9.20	-0.005272	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-7.70	-0.004413	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	2.20	0.001261	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	0.60	0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-6.80	-0.003897	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	0.60	0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-5.60	-0.003209	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-4.50	-0.002579	PASS

---End of Attachment---



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