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Appendix B.11

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	18.22	21.45	33.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	18.44	21.67	33.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	17.91	21.14	33.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	17.50	20.73	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	18.13	21.36	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	18.44	21.67	33.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	18.00	21.23	33.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	17.89	21.12	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	18.67	21.90	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	18.92	22.15	33.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	18.31	21.54	33.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	17.81	21.04	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	17.91	21.14	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	17.85	21.08	33.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	17.92	21.15	33.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	16.90	20.13	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	17.96	21.19	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	17.93	21.16	33.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	17.84	21.07	33.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	17.02	20.25	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	17.88	21.11	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	17.94	21.17	33.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	17.98	21.21	33.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	16.97	20.20	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	16.91	20.14	33.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	16.76	19.99	33.00	PASS



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Band66	1.4MHz	64QAM	131979	1RB#5	16.95	20.18	33.00	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	16.03	19.26	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	16.84	20.07	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	16.77	20.00	33.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	16.92	20.15	33.00	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	16.05	19.28	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	16.87	20.10	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	16.77	20.00	33.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	16.85	20.08	33.00	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	15.95	19.18	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	18.68	21.91	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	18.89	22.12	33.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	18.44	21.67	33.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	17.93	21.16	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	18.69	21.92	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	18.86	22.09	33.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	18.32	21.55	33.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	17.88	21.11	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	18.57	21.80	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	18.81	22.04	33.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	18.33	21.56	33.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	17.80	21.03	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	18.01	21.24	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	17.84	21.07	33.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	17.86	21.09	33.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	16.94	20.17	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	17.94	21.17	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	17.86	21.09	33.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	17.90	21.13	33.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	16.94	20.17	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	17.96	21.19	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	17.79	21.02	33.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	17.85	21.08	33.00	PASS



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Band66	3MHz	16QAM	132657	15RB#0	16.94	20.17	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#0	16.88	20.11	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#8	16.91	20.14	33.00	PASS
Band66	3MHz	64QAM	131987	1RB#14	16.98	20.21	33.00	PASS
Band66	3MHz	64QAM	131987	15RB#0	15.89	19.12	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#0	16.87	20.10	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#8	16.42	19.65	33.00	PASS
Band66	3MHz	64QAM	132322	1RB#14	16.35	19.58	33.00	PASS
Band66	3MHz	64QAM	132322	15RB#0	15.47	18.70	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#0	16.43	19.66	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#8	16.44	19.67	33.00	PASS
Band66	3MHz	64QAM	132657	1RB#14	16.48	19.71	33.00	PASS
Band66	3MHz	64QAM	132657	15RB#0	15.47	18.70	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	18.09	21.32	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	18.44	21.67	33.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	17.92	21.15	33.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	17.46	20.69	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	18.16	21.39	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	18.42	21.65	33.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	17.95	21.18	33.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	17.34	20.57	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	18.11	21.34	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	18.40	21.63	33.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	17.96	21.19	33.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	17.40	20.63	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	17.47	20.70	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	17.38	20.61	33.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	17.39	20.62	33.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	16.58	19.81	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	17.50	20.73	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	17.41	20.64	33.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	17.54	20.77	33.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	16.55	19.78	33.00	PASS



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Band66	5MHz	16QAM	132647	1RB#0	17.37	20.60	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	17.30	20.53	33.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	17.42	20.65	33.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	16.46	19.69	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#0	16.31	19.54	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#12	16.42	19.65	33.00	PASS
Band66	5MHz	64QAM	131997	1RB#24	16.88	20.11	33.00	PASS
Band66	5MHz	64QAM	131997	25RB#0	15.97	19.20	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#0	16.80	20.03	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#12	16.90	20.13	33.00	PASS
Band66	5MHz	64QAM	132322	1RB#24	16.86	20.09	33.00	PASS
Band66	5MHz	64QAM	132322	25RB#0	15.88	19.11	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#0	16.94	20.17	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#12	16.75	19.98	33.00	PASS
Band66	5MHz	64QAM	132647	1RB#24	16.91	20.14	33.00	PASS
Band66	5MHz	64QAM	132647	25RB#0	15.95	19.18	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	18.68	21.91	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	18.85	22.08	33.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	18.48	21.71	33.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	17.80	21.03	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	18.65	21.88	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	18.89	22.12	33.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	18.38	21.61	33.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	17.89	21.12	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	18.61	21.84	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	18.97	22.20	33.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	18.38	21.61	33.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	17.80	21.03	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	17.97	21.20	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	17.91	21.14	33.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	17.89	21.12	33.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	17.04	20.27	33.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	17.93	21.16	33.00	PASS



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Band66	10MHz	16QAM	132322	1RB#49	17.92	21.15	33.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	17.05	20.28	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	17.85	21.08	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	17.87	21.10	33.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	17.92	21.15	33.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	16.93	20.16	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#0	16.87	20.10	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#24	16.80	20.03	33.00	PASS
Band66	10MHz	64QAM	132022	1RB#49	16.83	20.06	33.00	PASS
Band66	10MHz	64QAM	132022	50RB#0	15.93	19.16	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#0	16.77	20.00	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#24	16.76	19.99	33.00	PASS
Band66	10MHz	64QAM	132322	1RB#49	16.85	20.08	33.00	PASS
Band66	10MHz	64QAM	132322	50RB#0	15.97	19.20	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#0	16.82	20.05	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#24	16.83	20.06	33.00	PASS
Band66	10MHz	64QAM	132622	1RB#49	16.97	20.20	33.00	PASS
Band66	10MHz	64QAM	132622	50RB#0	15.90	19.13	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	18.70	21.93	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	18.91	22.14	33.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	18.49	21.72	33.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	17.81	21.04	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	18.67	21.90	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	18.81	22.04	33.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	18.32	21.55	33.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	17.98	21.21	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	18.59	21.82	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	18.91	22.14	33.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	18.37	21.60	33.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	17.80	21.03	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	17.89	21.12	33.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	17.80	21.03	33.00	PASS



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Band66	15MHz	16QAM	132047	1RB#74	17.95	21.18	33.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	16.94	20.17	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	17.89	21.12	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	17.90	21.13	33.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	17.87	21.10	33.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	17.08	20.31	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	17.92	21.15	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	17.93	21.16	33.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	17.99	21.22	33.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	17.02	20.25	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#0	16.95	20.18	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#38	16.93	20.16	33.00	PASS
Band66	15MHz	64QAM	132047	1RB#74	16.98	20.21	33.00	PASS
Band66	15MHz	64QAM	132047	75RB#0	15.88	19.11	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#0	16.81	20.04	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#38	16.79	20.02	33.00	PASS
Band66	15MHz	64QAM	132322	1RB#74	16.93	20.16	33.00	PASS
Band66	15MHz	64QAM	132322	75RB#0	15.91	19.14	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#0	16.80	20.03	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#38	16.83	20.06	33.00	PASS
Band66	15MHz	64QAM	132597	1RB#74	16.90	20.13	33.00	PASS
Band66	15MHz	64QAM	132597	75RB#0	15.98	19.21	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	18.66	21.89	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	18.80	22.03	33.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	18.42	21.65	33.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.83	21.06	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	18.59	21.82	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	18.96	22.19	33.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	18.31	21.54	33.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.82	21.05	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	18.71	21.94	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	18.95	22.18	33.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	18.47	21.70	33.00	PASS



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Band66	20MHz	QPSK	132572	100RB#0	17.86	21.09	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	17.95	21.18	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	17.81	21.04	33.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	17.93	21.16	33.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.02	20.25	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	17.97	21.20	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	17.81	21.04	33.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	17.90	21.13	33.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	16.92	20.15	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	17.97	21.20	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	17.79	21.02	33.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	17.95	21.18	33.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	16.92	20.15	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#0	16.87	20.10	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#49	16.89	20.12	33.00	PASS
Band66	20MHz	64QAM	132072	1RB#99	16.80	20.03	33.00	PASS
Band66	20MHz	64QAM	132072	100RB#0	15.95	19.18	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#0	16.88	20.11	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#49	16.87	20.10	33.00	PASS
Band66	20MHz	64QAM	132322	1RB#99	16.97	20.20	33.00	PASS
Band66	20MHz	64QAM	132322	100RB#0	16.02	19.25	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#0	16.88	20.11	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#49	16.85	20.08	33.00	PASS
Band66	20MHz	64QAM	132572	1RB#99	16.86	20.09	33.00	PASS
Band66	20MHz	64QAM	132572	100RB#0	15.91	19.14	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	5.52	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.66	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.06	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.28	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.42	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.44	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.54	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.66	13	PASS



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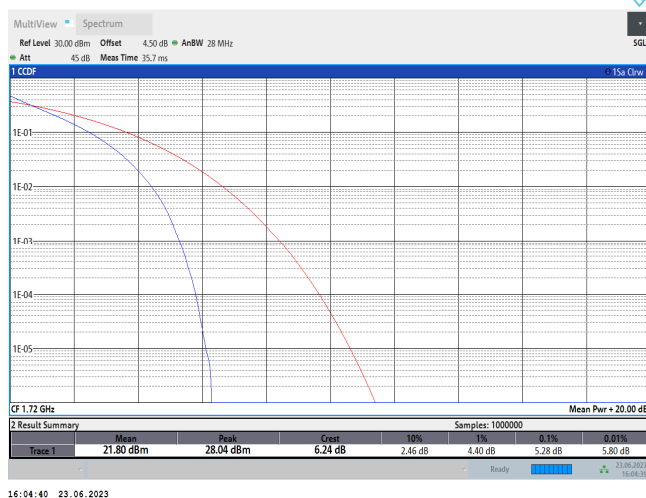
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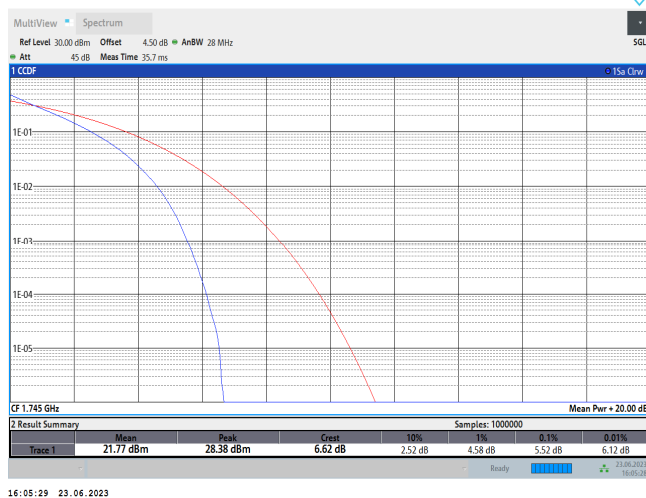
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Test Graphs

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



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



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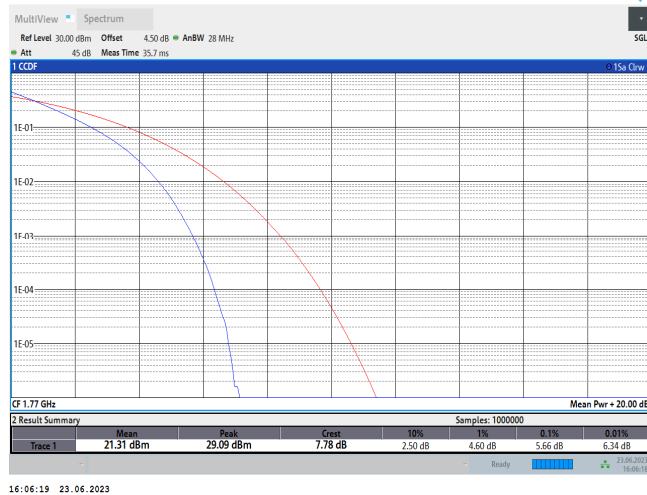
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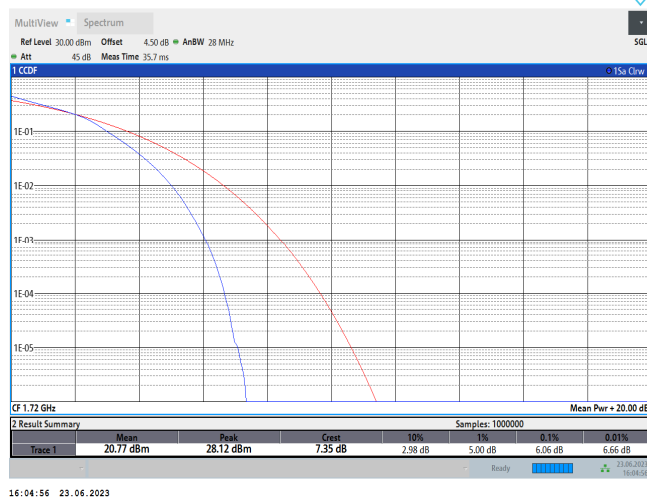
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Band66-20MHz-QPSK-132572-100RB#0



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



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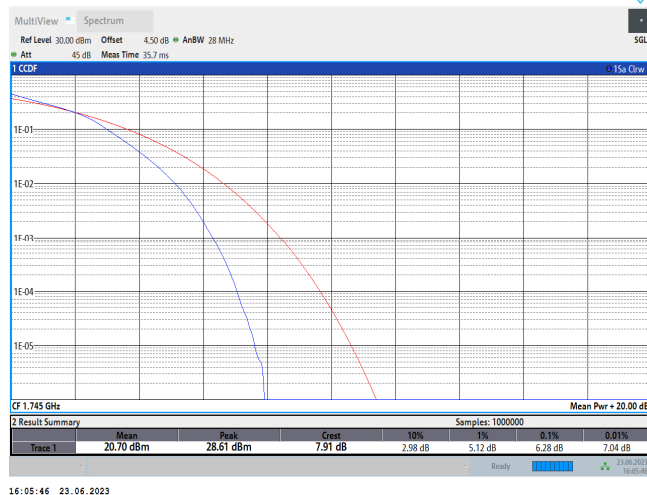
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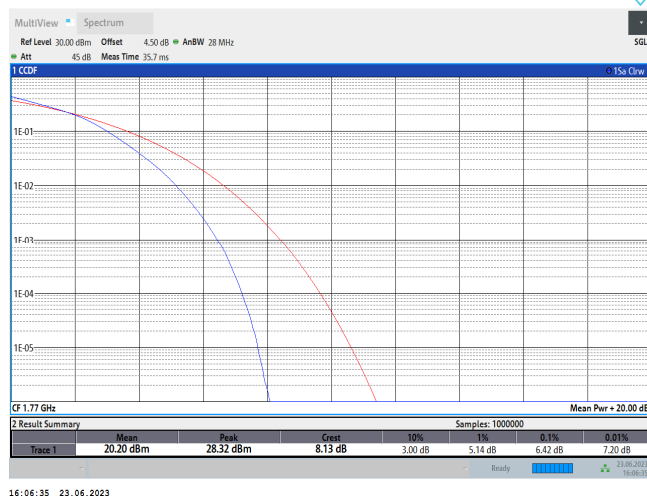
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Band66-20MHz-16QAM-132322-100RB#0



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



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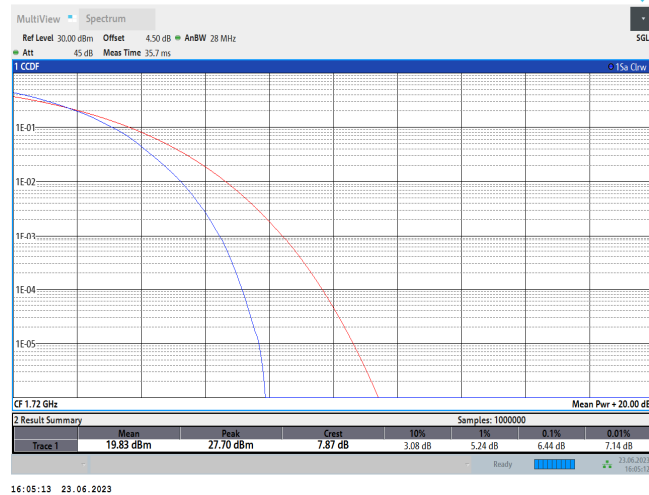
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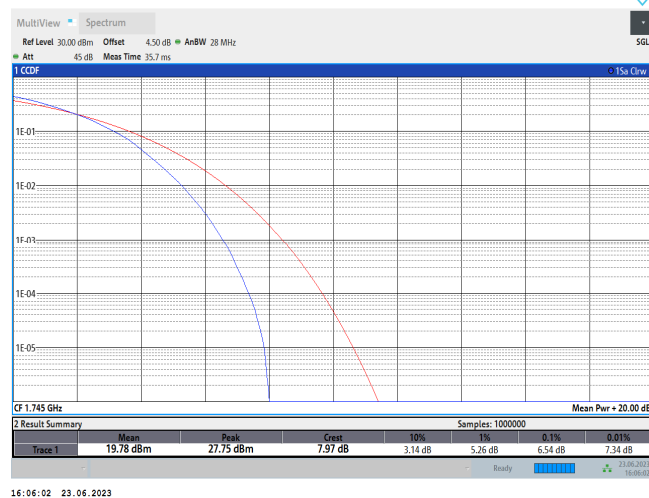
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Band66-20MHz-64QAM-132322-100RB#0



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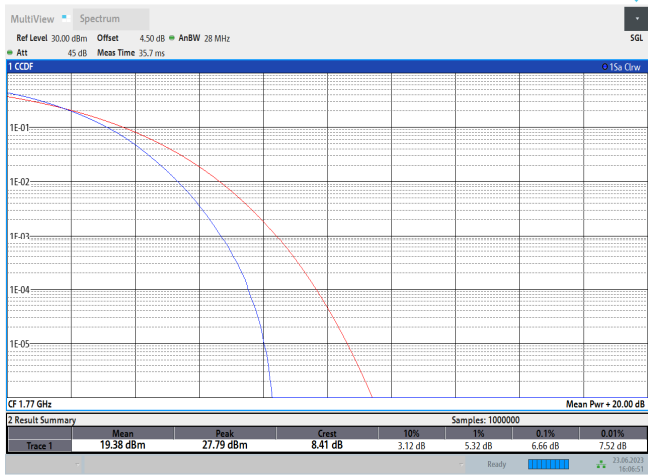
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Band66-20MHz-64QAM-132572-100RB#0



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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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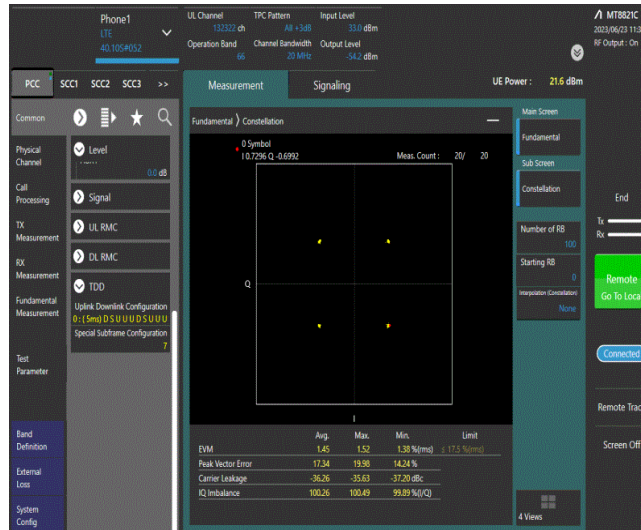
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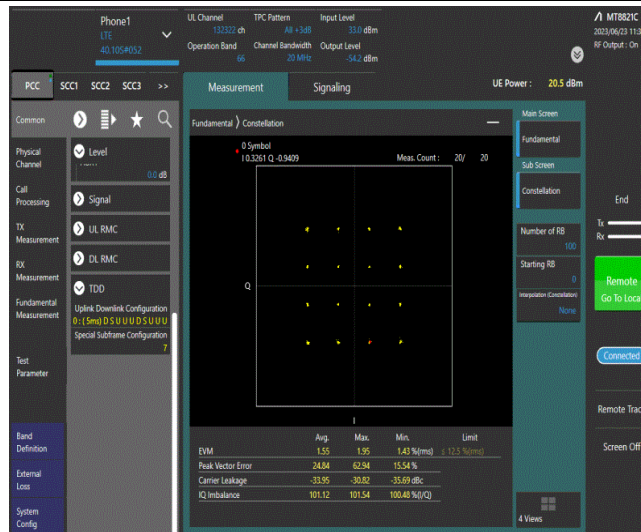
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Test Graphs

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



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

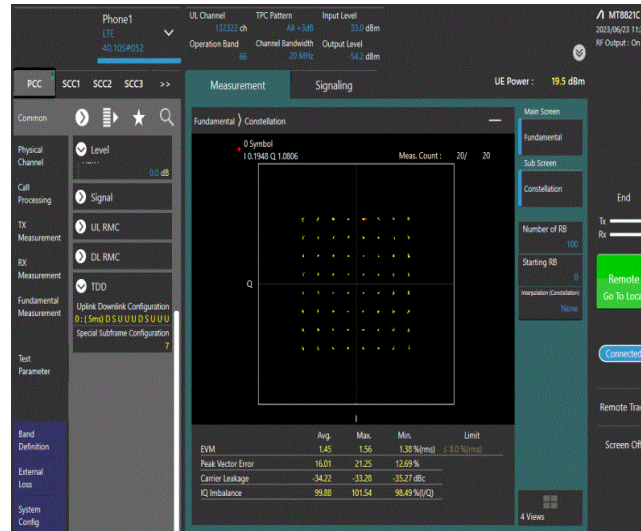


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Band66-20MHz-64QAM-132322-100RB#0



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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	1.083	1.22	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.086	1.25	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.086	1.25	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.110	1.31	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.085	1.26	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.086	1.21	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.096	1.26	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.072	1.23	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.100	1.26	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.691	2.86	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.694	2.89	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.685	2.88	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.688	2.90	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.683	2.86	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.678	2.92	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.685	2.87	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.668	2.86	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.674	2.85	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.472	4.93	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.474	4.85	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.463	4.96	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.471	5.01	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.474	4.89	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.468	4.92	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.480	4.97	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.479	4.88	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.466	4.90	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.962	9.56	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.937	9.40	PASS



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Band66	10MHz	QPSK	132622	50RB#0	8.935	9.76	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.921	9.62	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.923	9.44	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.881	9.50	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.955	9.62	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.961	9.52	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.957	9.60	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.448	14.88	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.474	14.82	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.406	14.73	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.446	14.64	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.453	14.88	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.498	14.58	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.472	14.73	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.435	14.64	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.409	14.31	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.871	19.48	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.869	19.44	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.871	19.68	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.892	18.96	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.861	19.28	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.864	19.40	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.931	19.16	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.911	19.16	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.918	19.00	PASS



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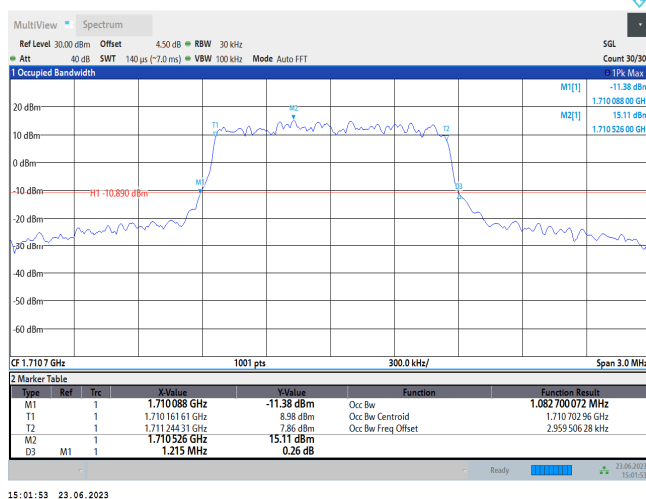
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Test Graphs

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



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



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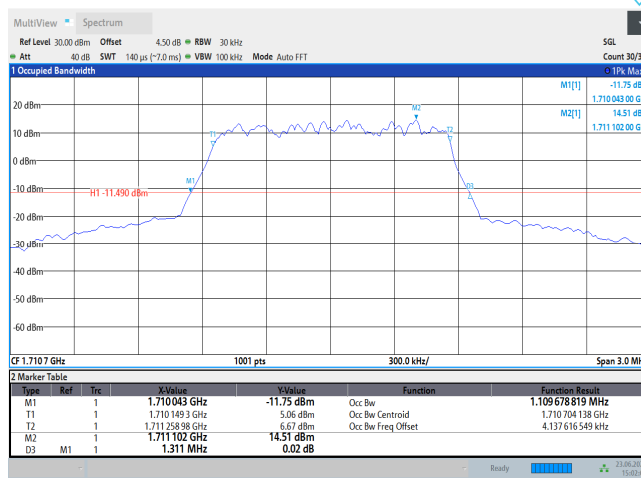
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Band66-1.4MHz-QPSK-132665-6RB#0



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



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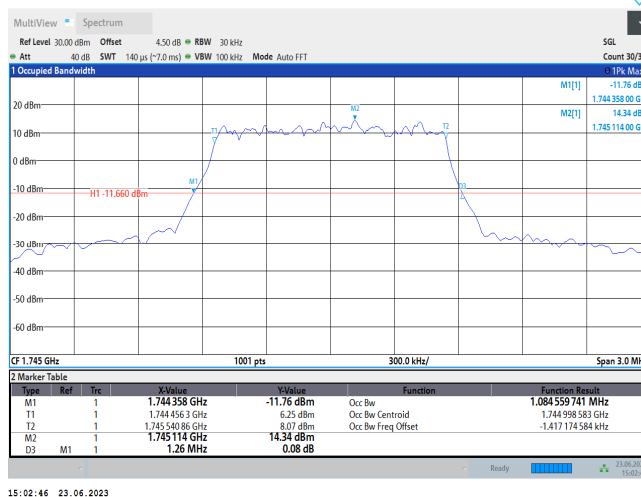
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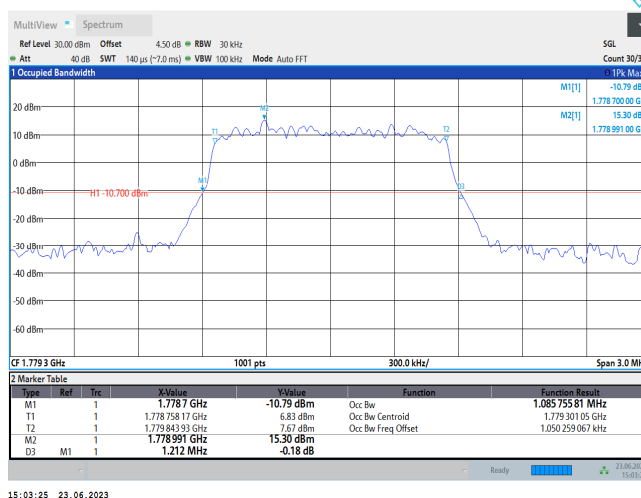
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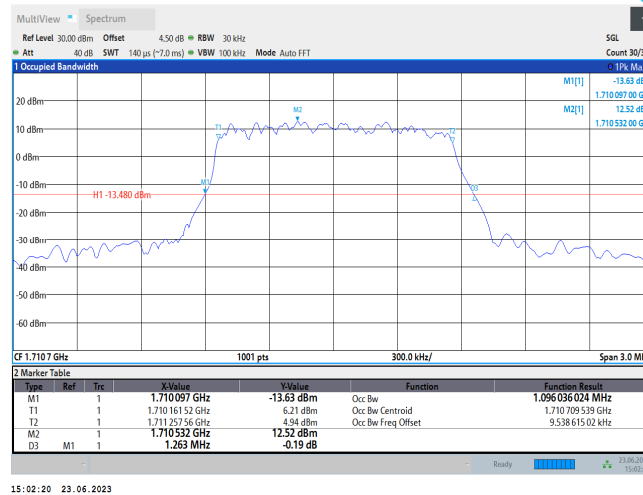


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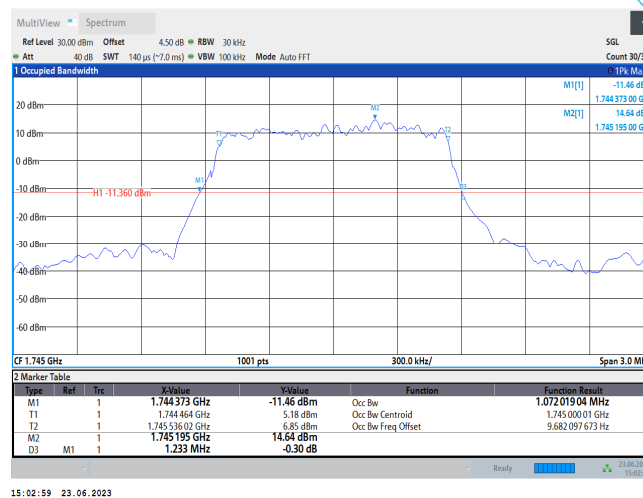
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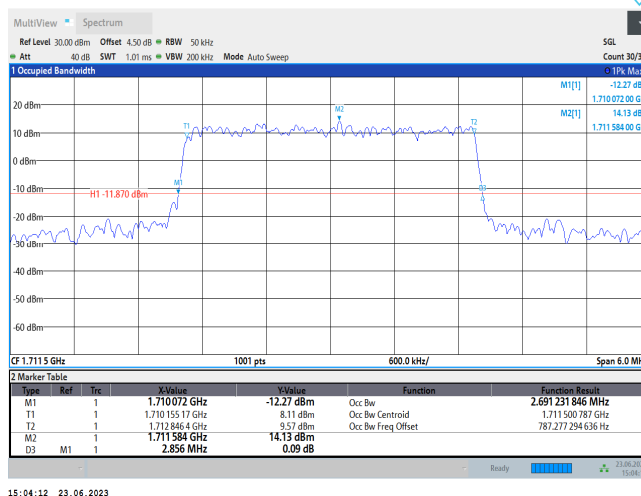
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Band66-1.4MHz-64QAM-132665-6RB#0



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



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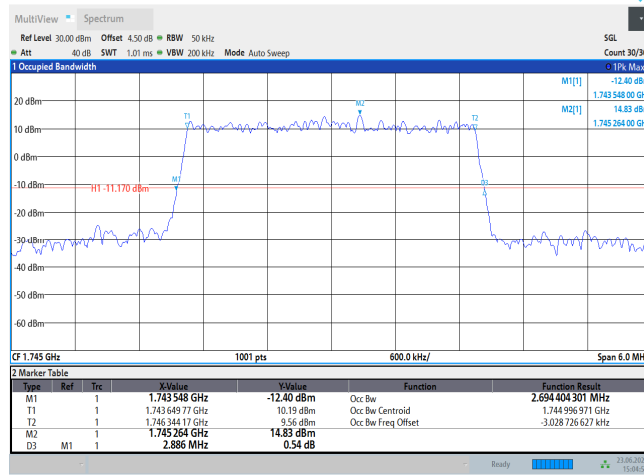
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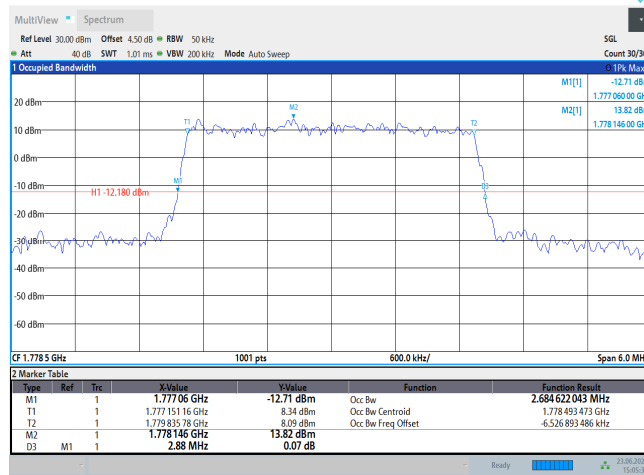
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Band66-3MHz-QPSK-132322-15RB#0



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



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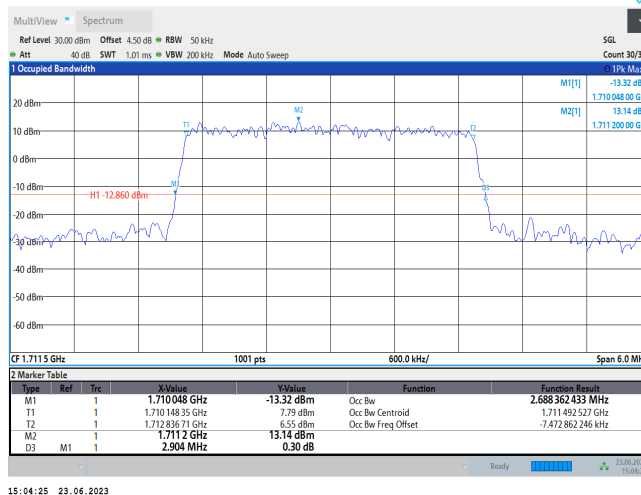
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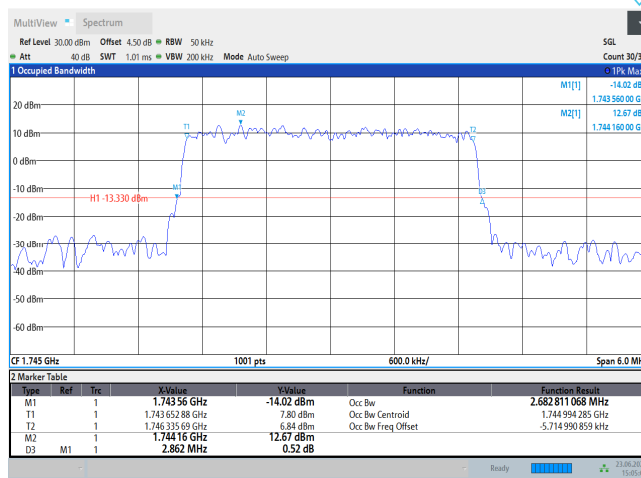
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Band66-3MHz-16QAM-131987-15RB#0



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



15:05:05 23.06.2023



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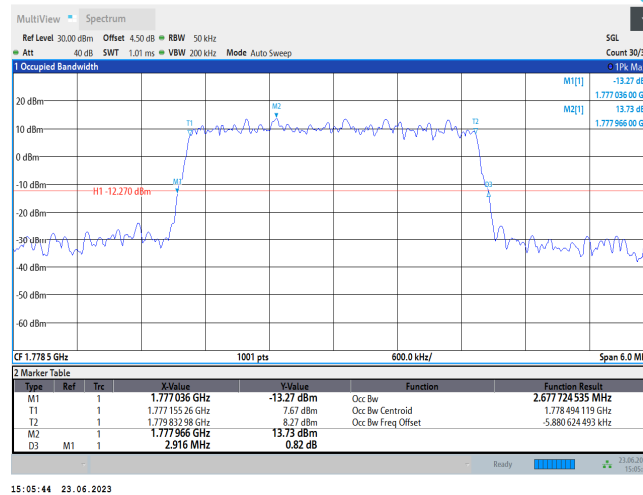
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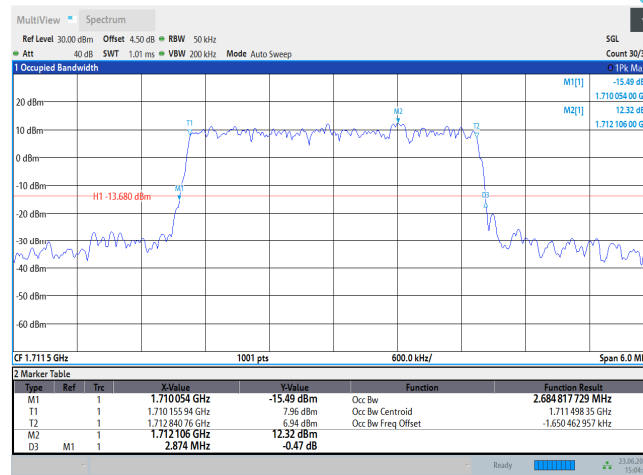
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Band66-3MHz-16QAM-132657-15RB#0



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



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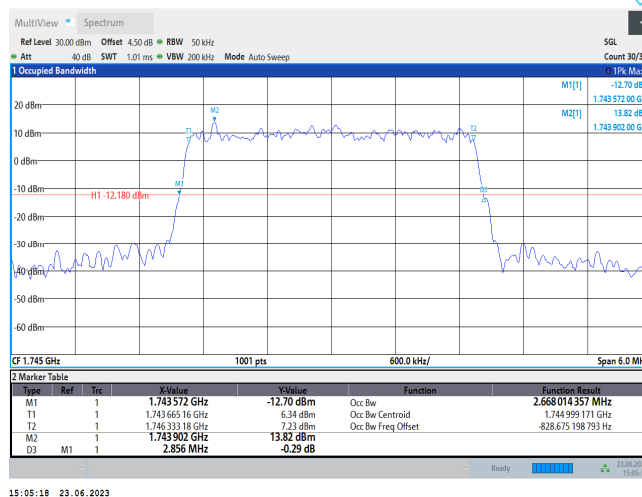
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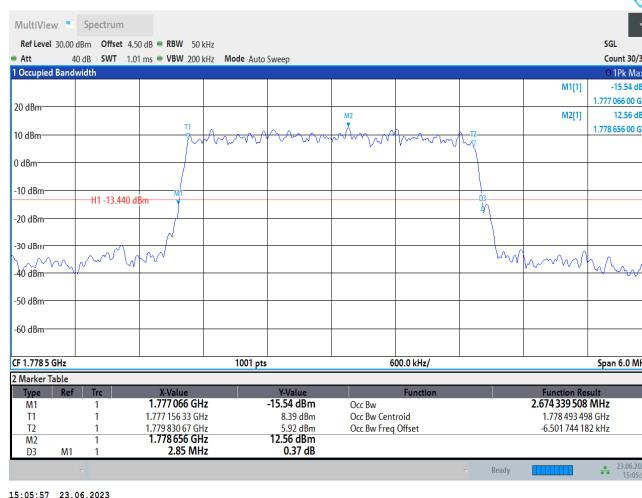
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Band66-3MHz-64QAM-132657-15RB#0



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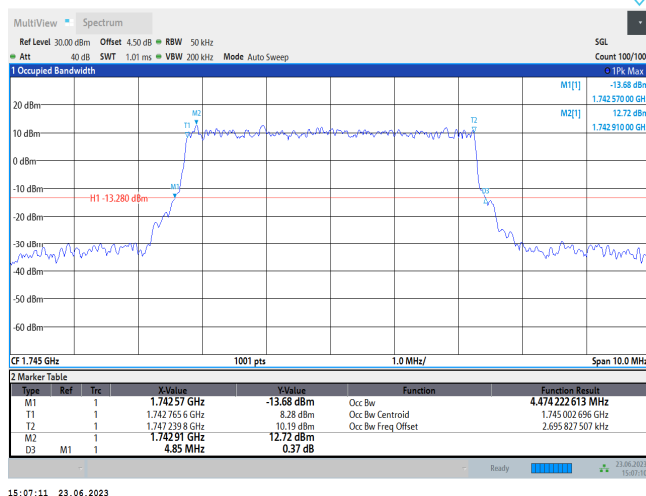
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Band66-5MHz-QPSK-131997-25RB#0



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

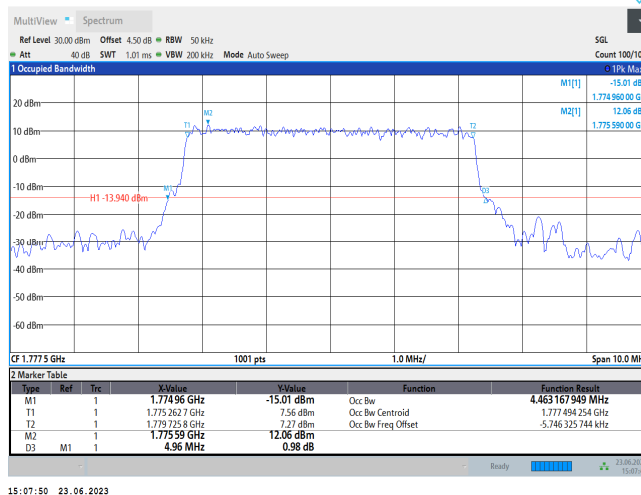


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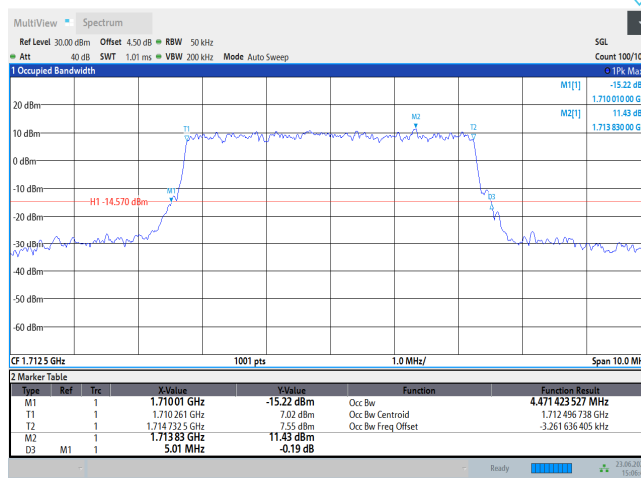
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Band66-5MHz-QPSK-132647-25RB#0



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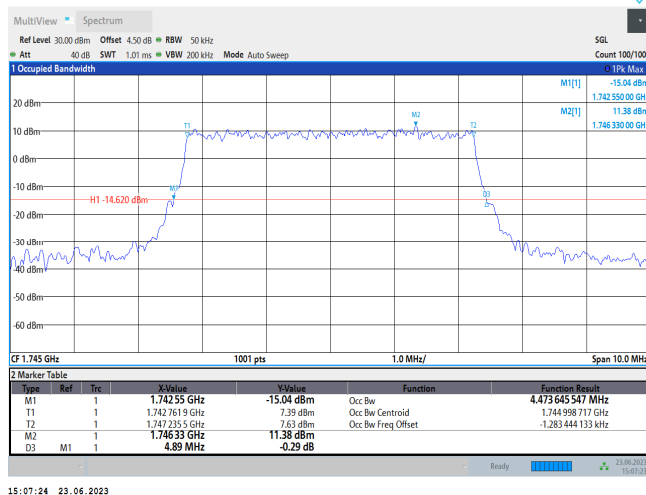
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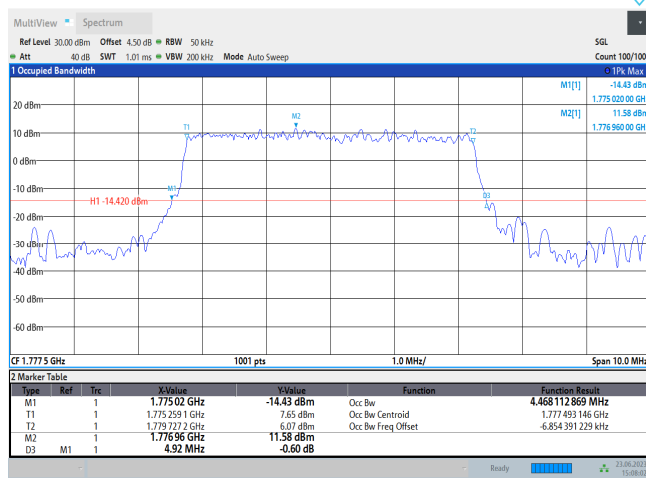
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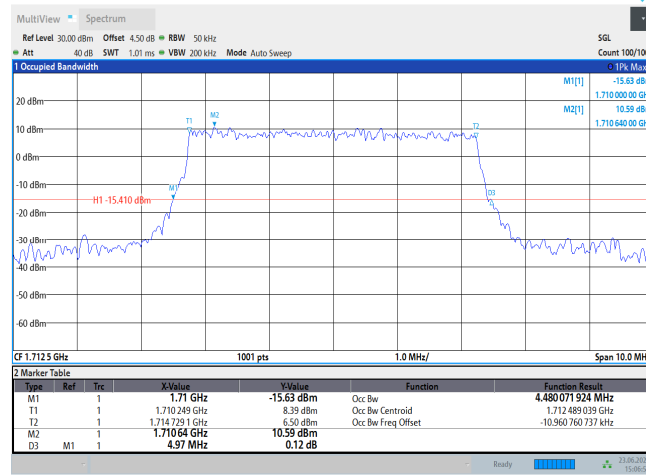
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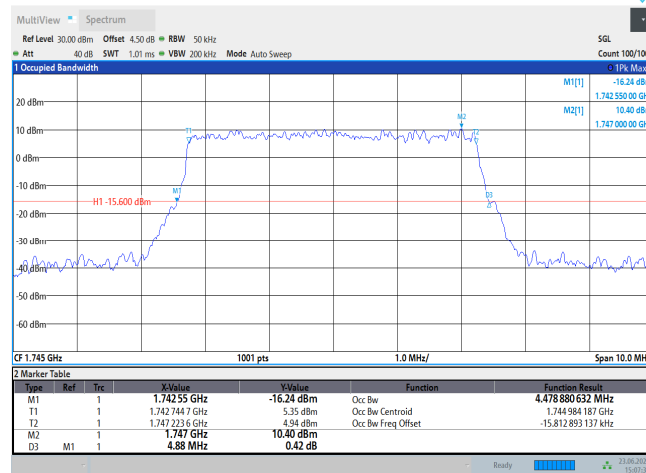
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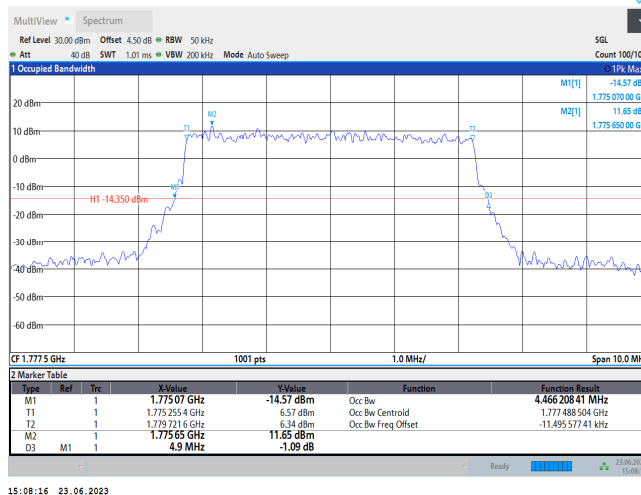
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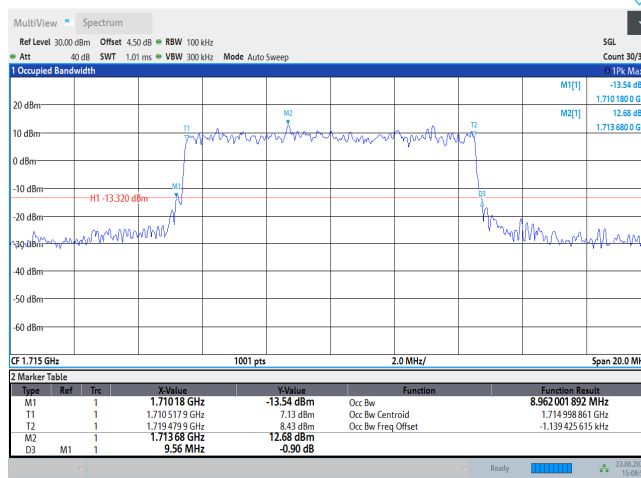
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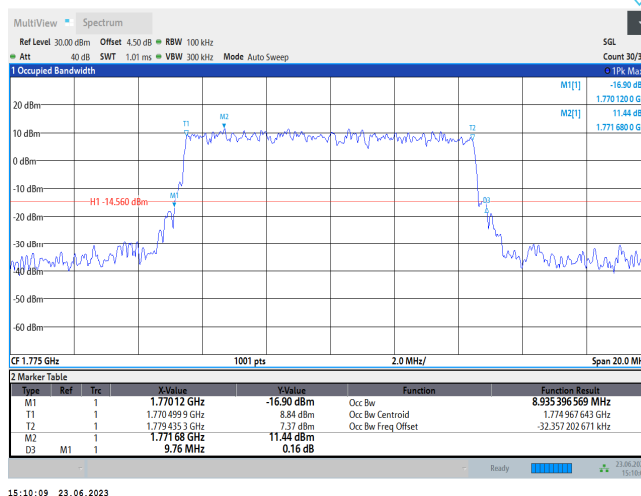
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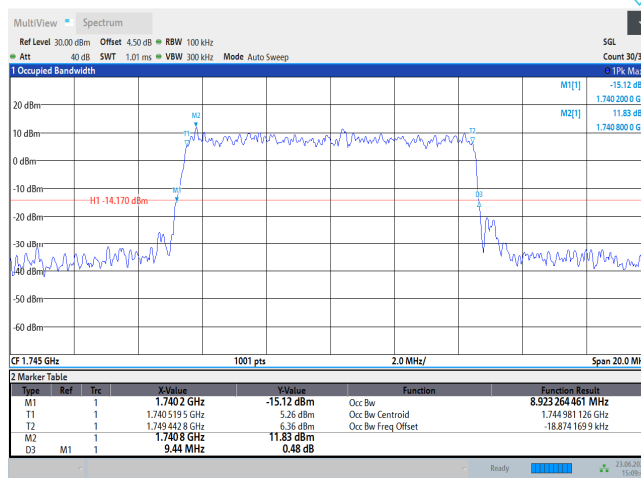
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Band66-10MHz-16QAM-132322-50RB#0



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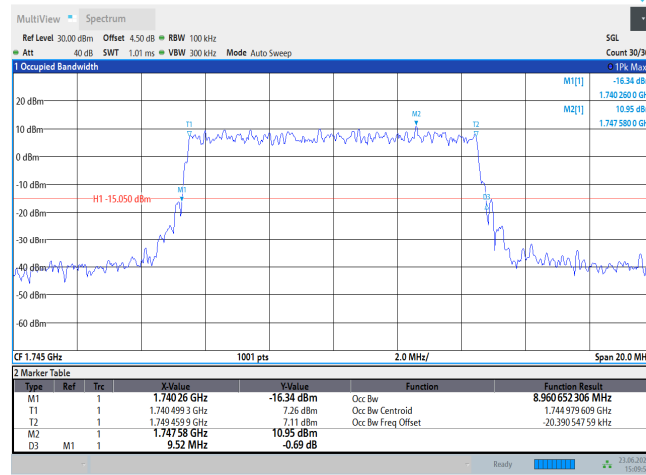
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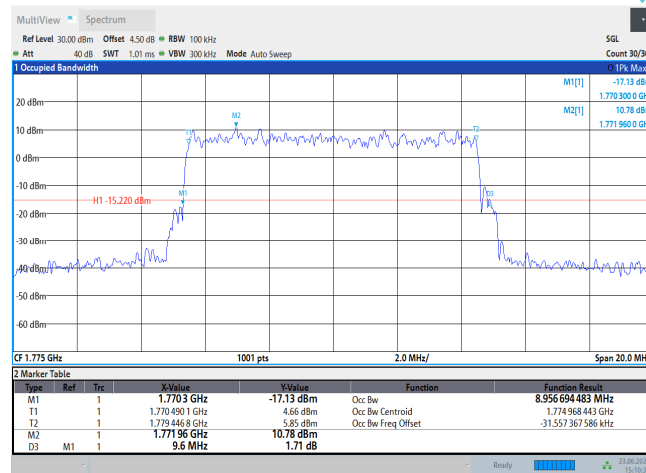
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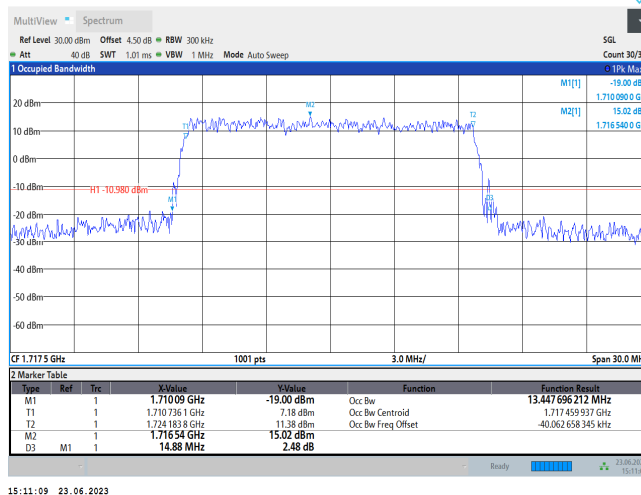
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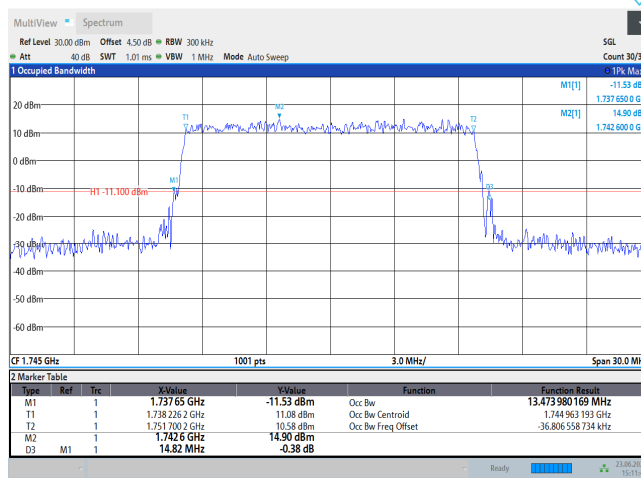
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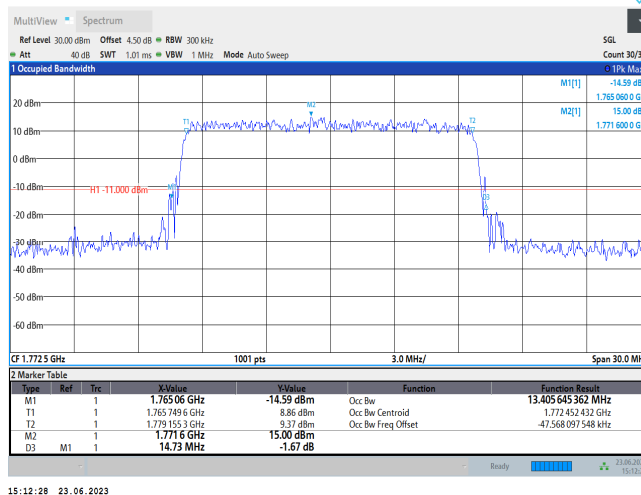
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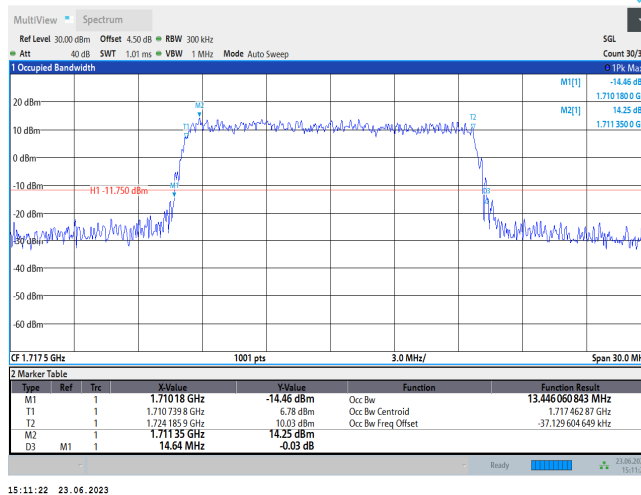
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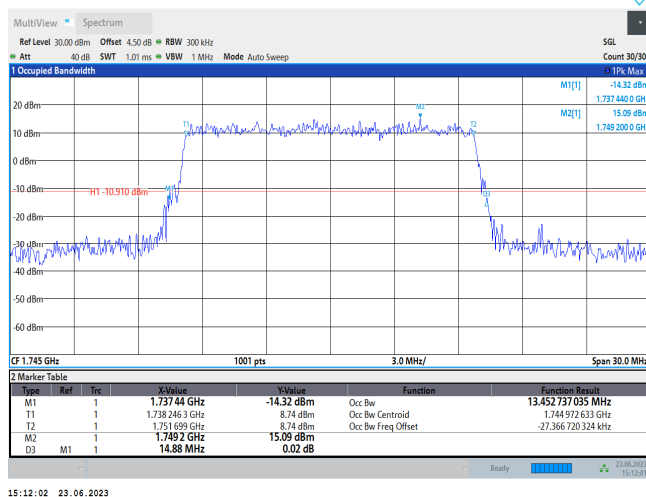
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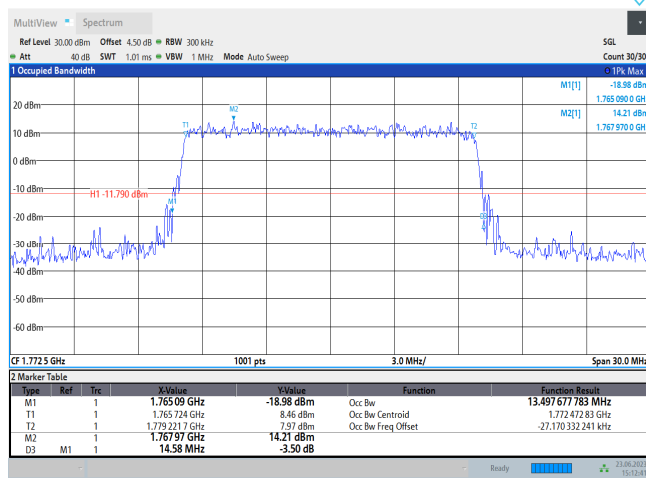
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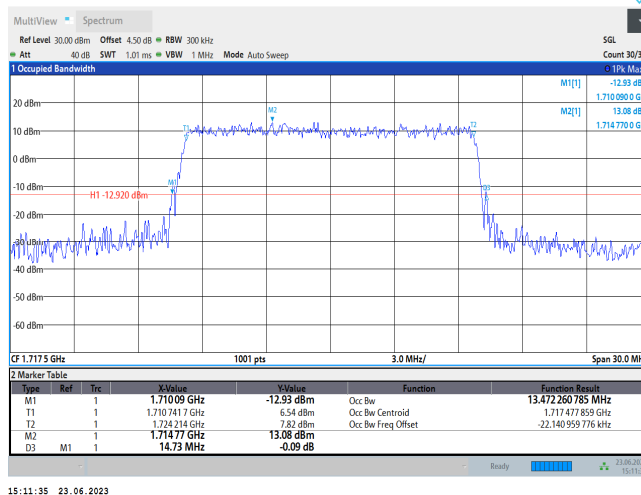
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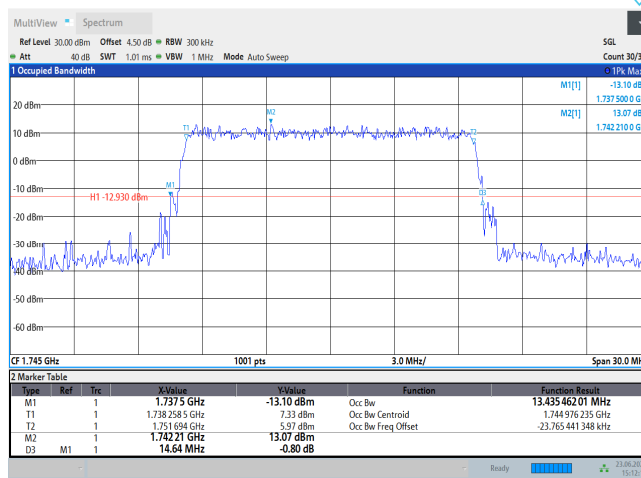
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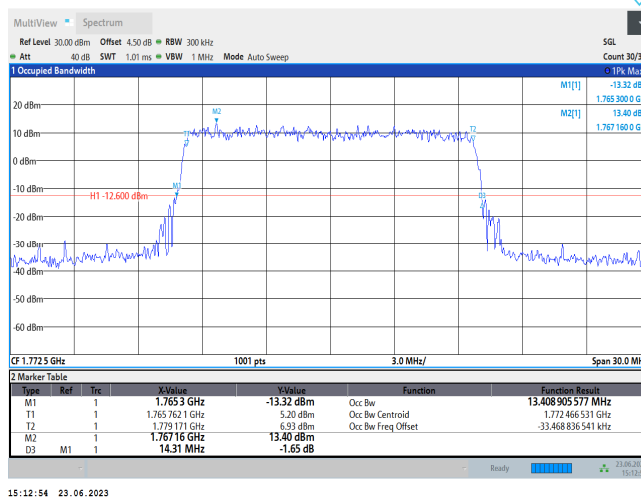
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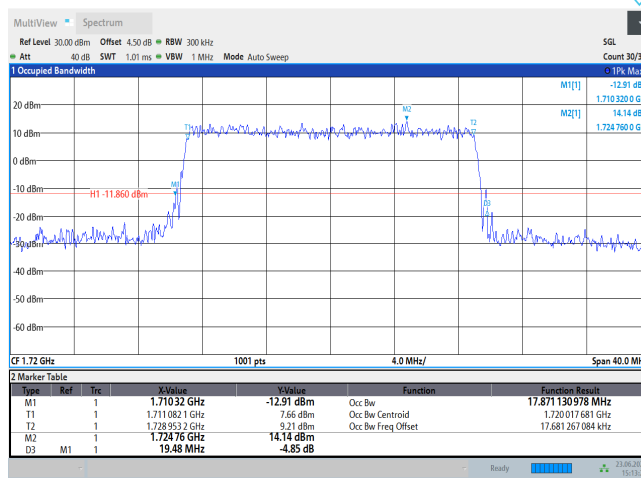
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Band66-15MHz-64QAM-132597-75RB#0



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



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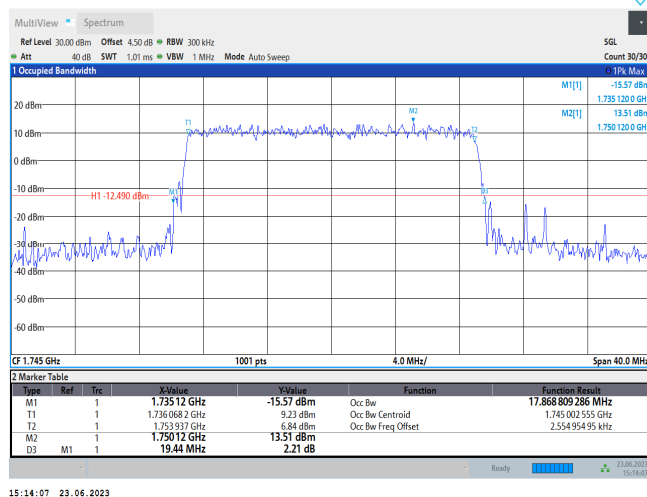
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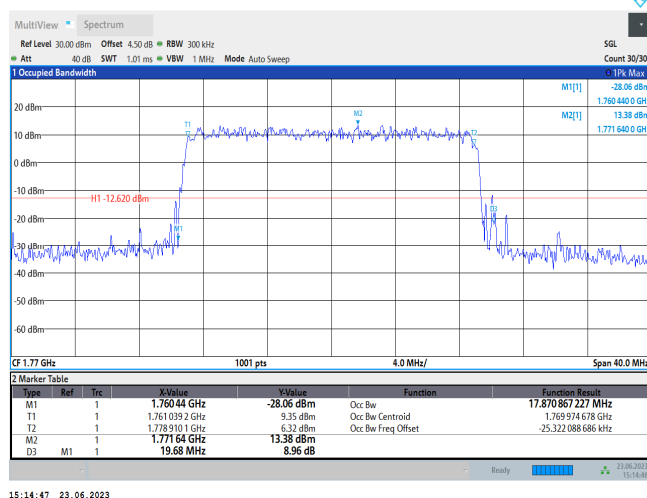
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Band66-20MHz-QPSK-132322-100RB#0



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



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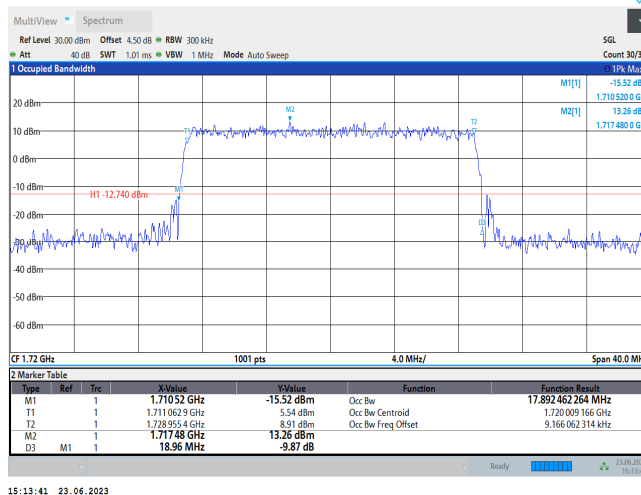
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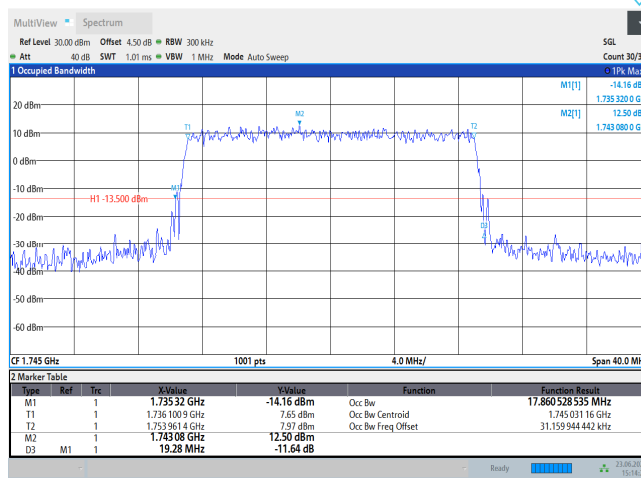
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Band66-20MHz-16QAM-132072-100RB#0



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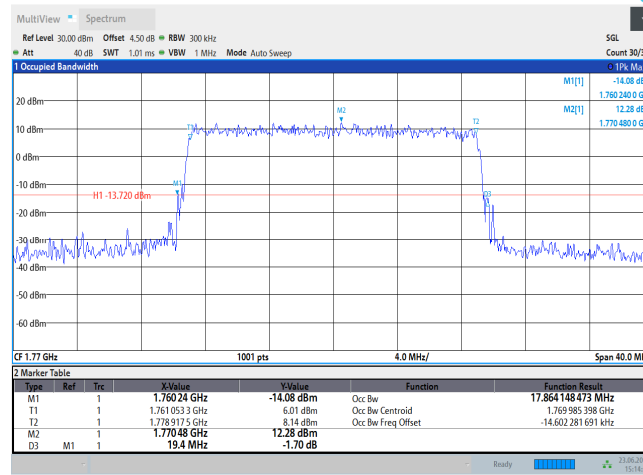
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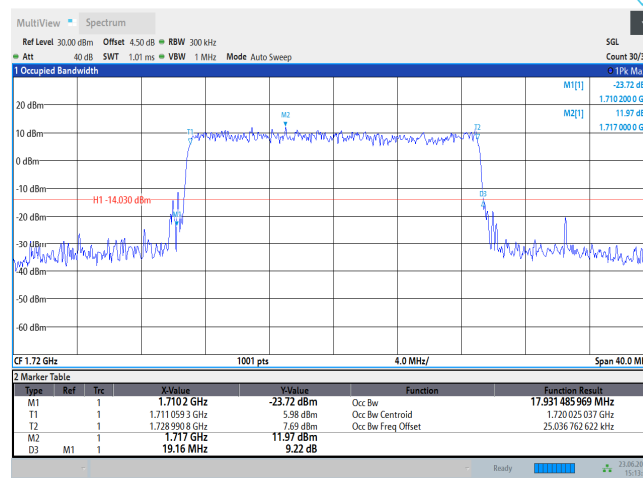
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Band66-20MHz-16QAM-132572-100RB#0



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



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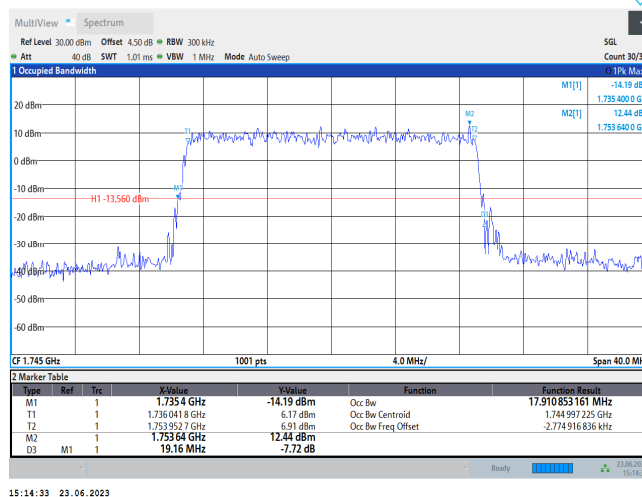
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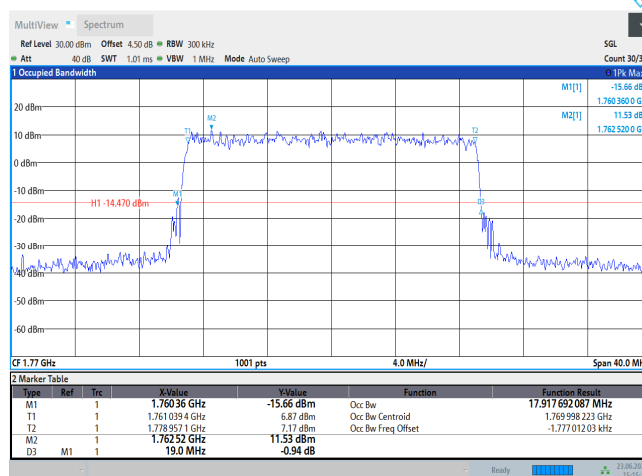
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Band66-20MHz-64QAM-132322-100RB#0



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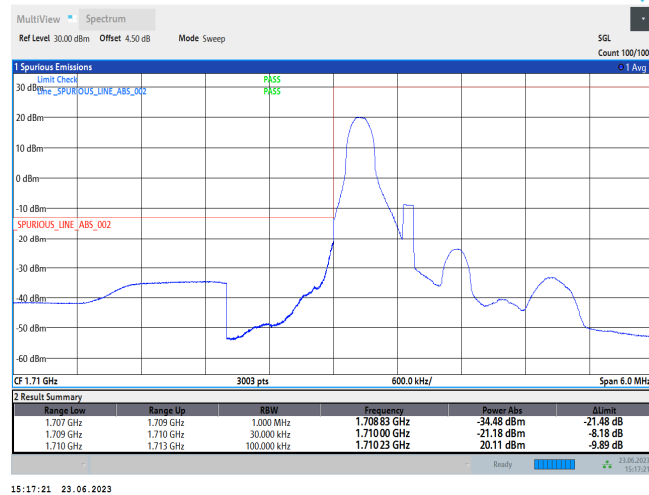


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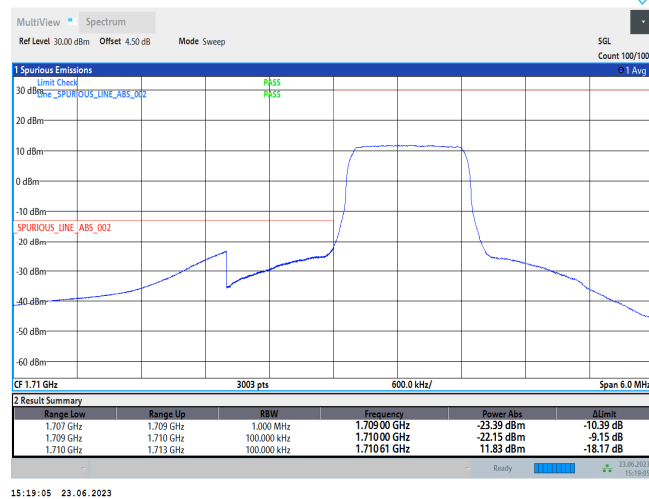
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Test Graphs

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



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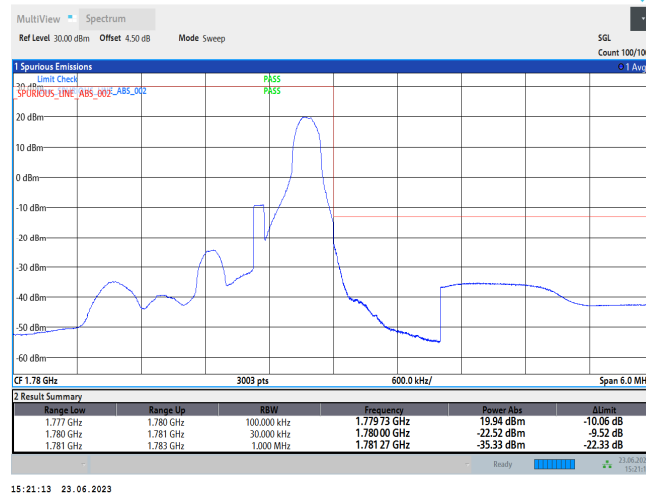


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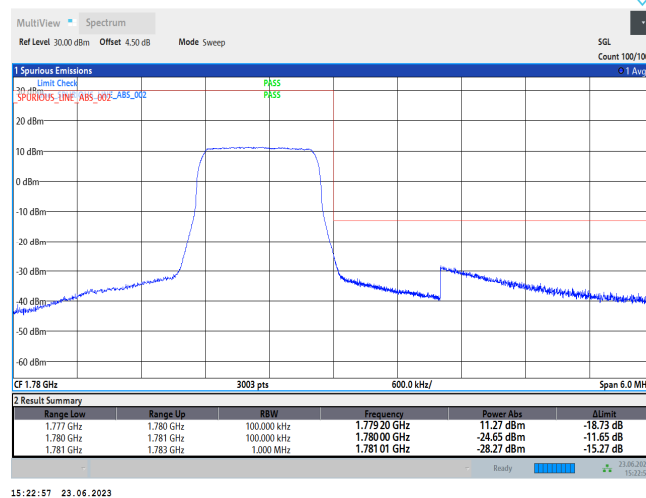
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Band66-1.4MHz-QPSK-132665-1RB#5



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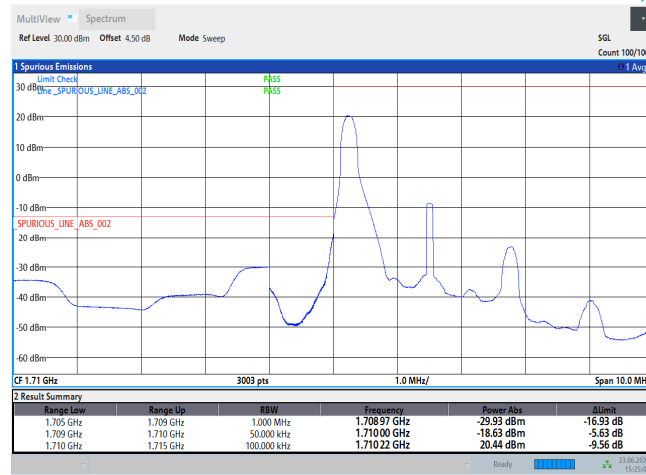
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Band66-3MHz-QPSK-131987-1RB#0



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



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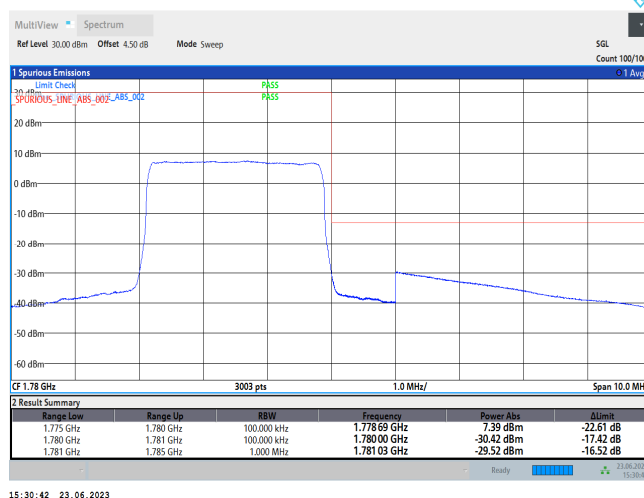
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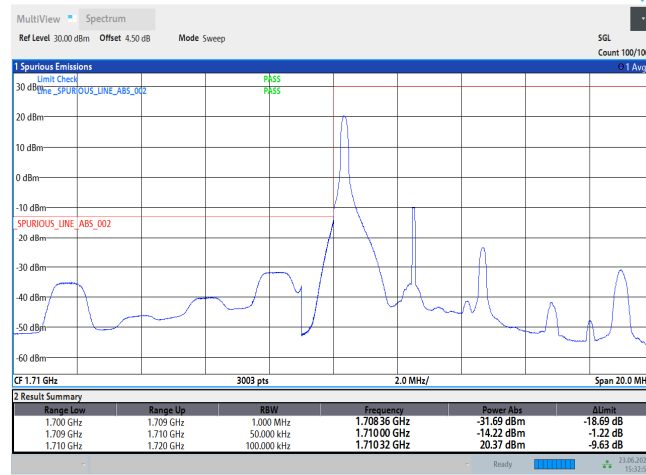
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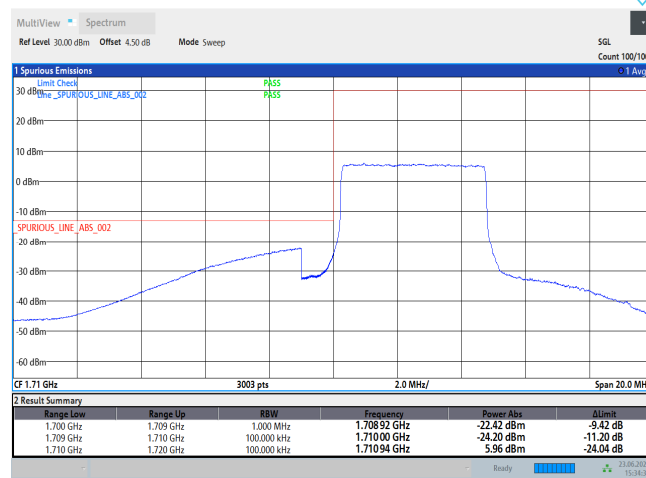
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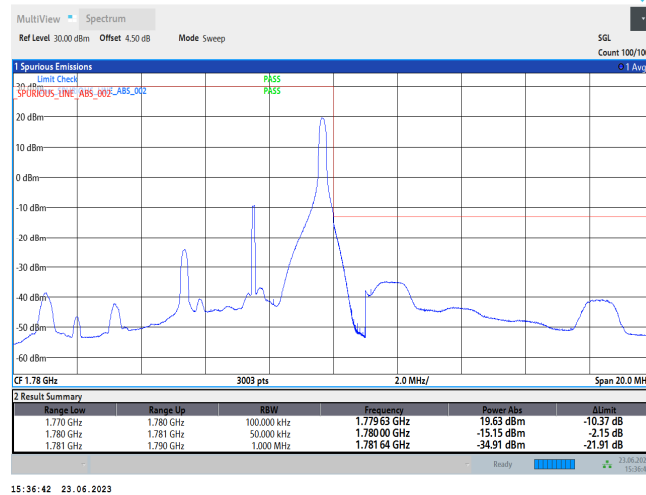
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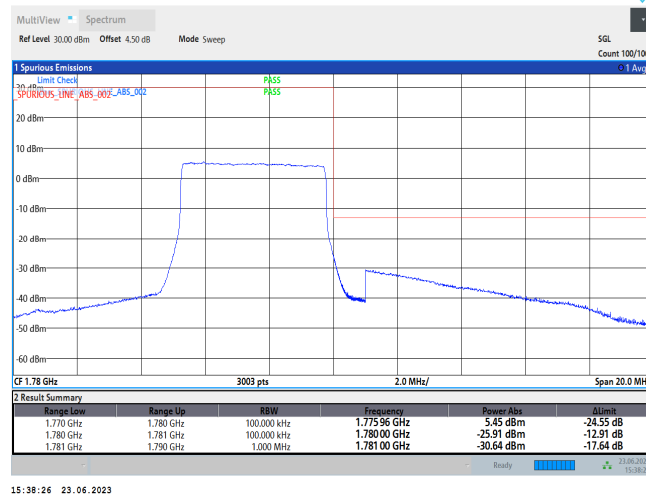
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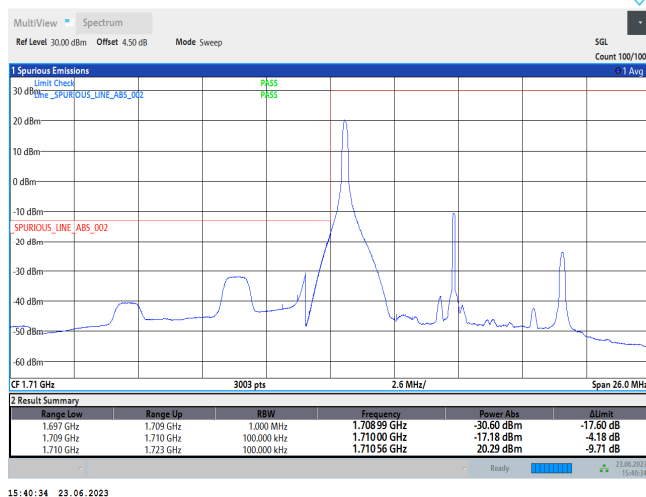
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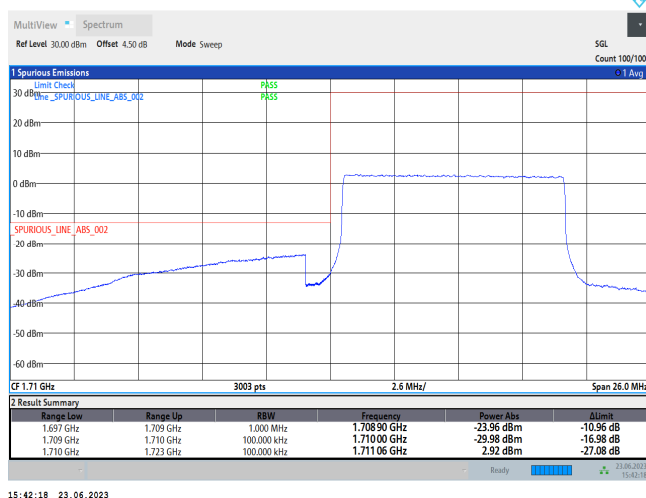
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Band66-10MHz-QPSK-132022-50RB#0



15:42:18 23.06.2023



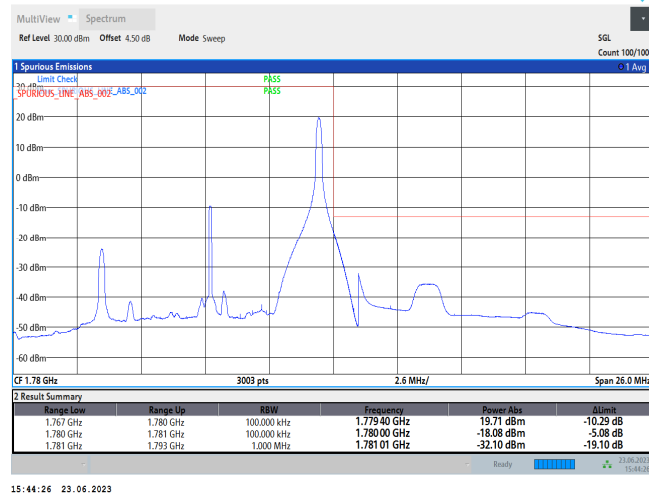
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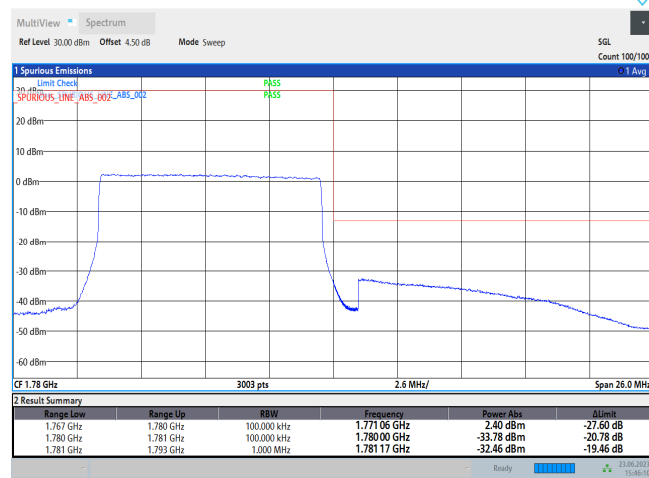
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Band66-10MHz-QPSK-132622-1RB#49



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



15:46:10 23.06.2023



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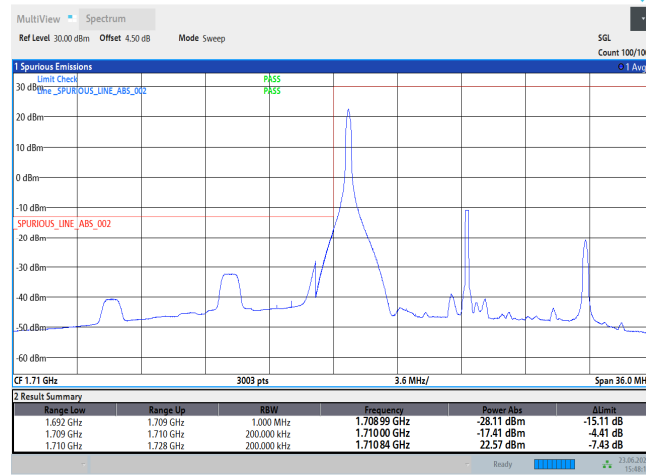
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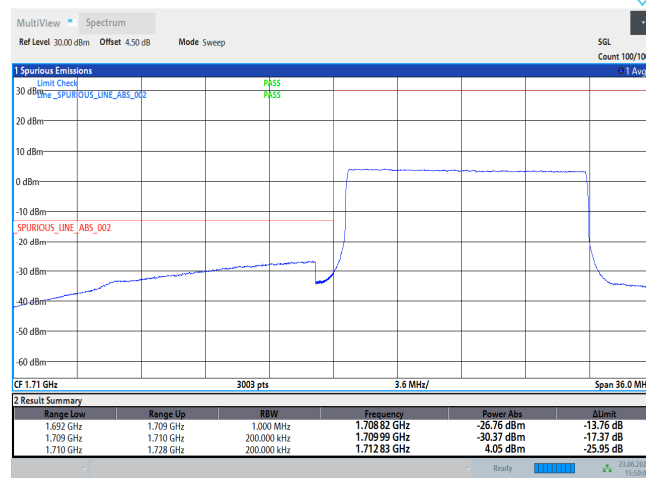
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Band66-15MHz-QPSK-132047-1RB#0



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



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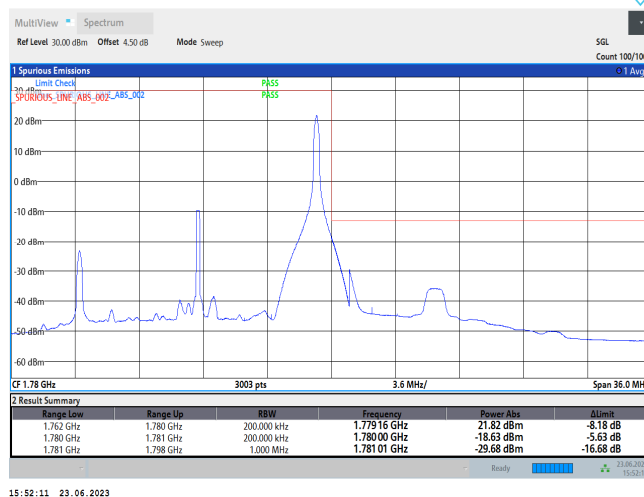
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Band66-15MHz-QPSK-132597-1RB#74



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



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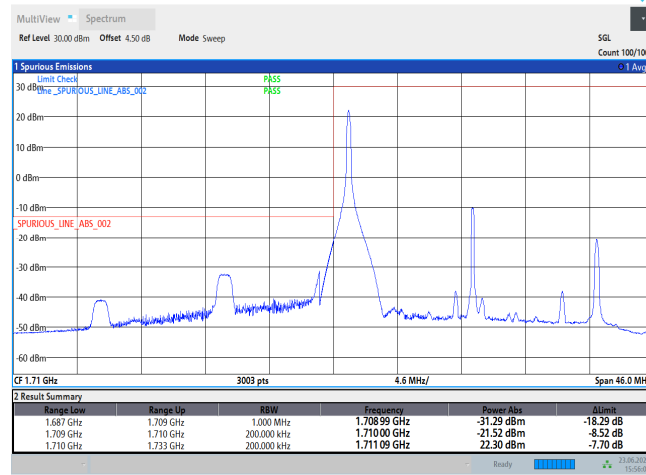
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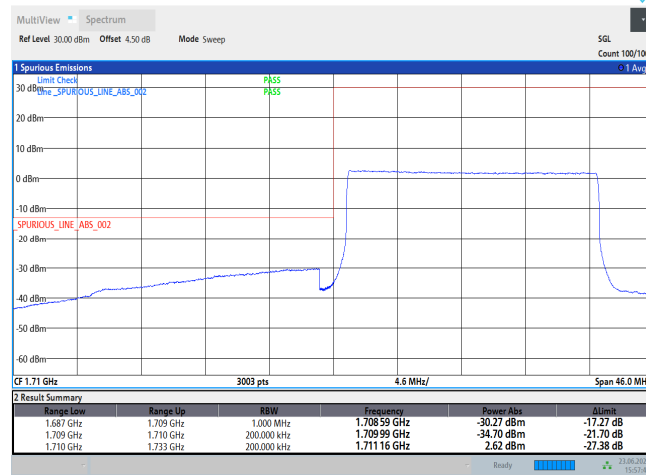
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Band66-20MHz-QPSK-132072-1RB#0



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



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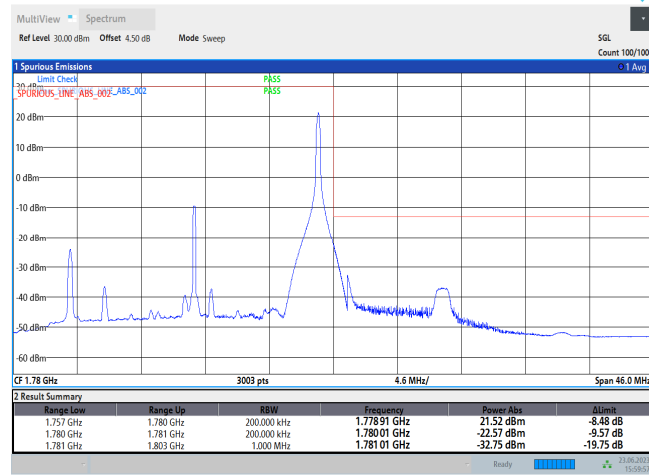
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Band66-20MHz-QPSK-132572-1RB#99



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



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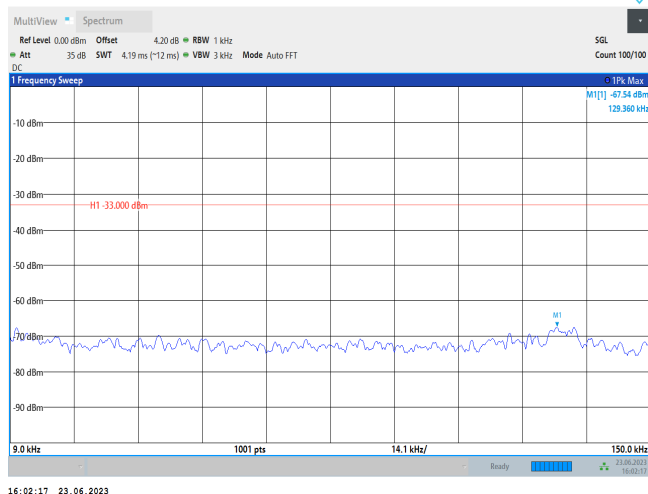
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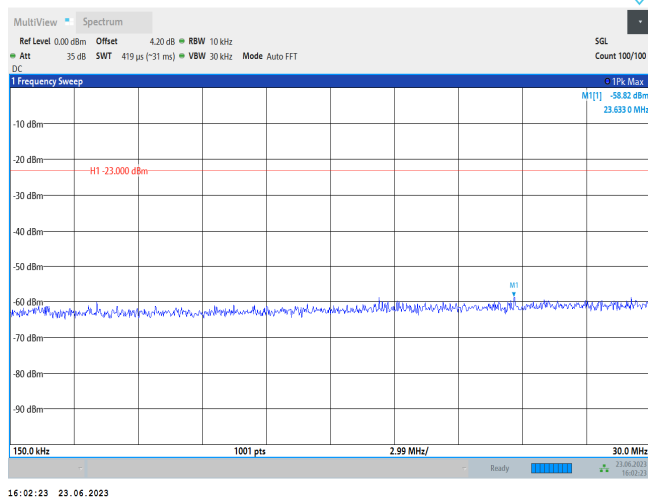
Conducted Spurious Emission

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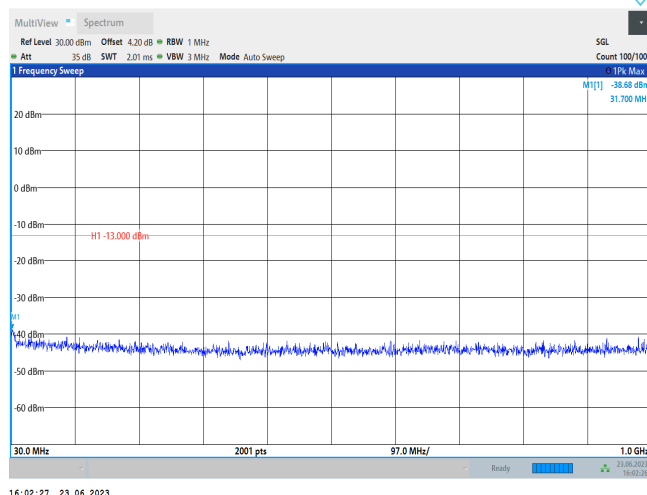
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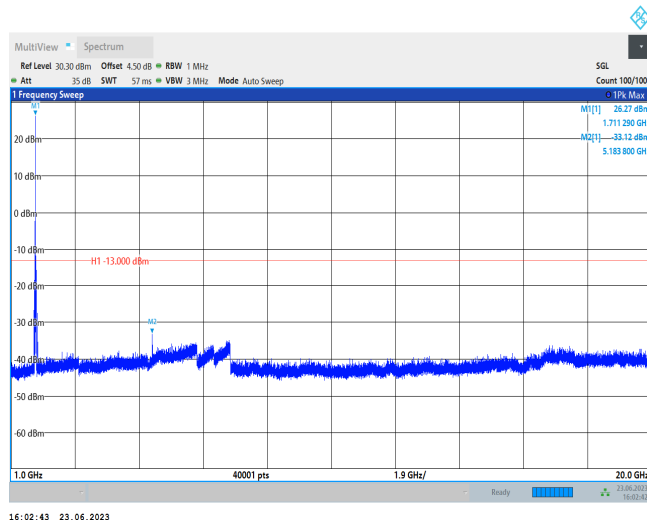
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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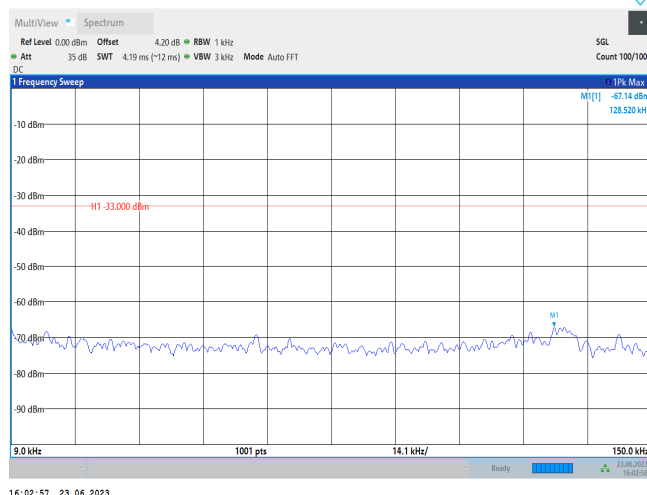
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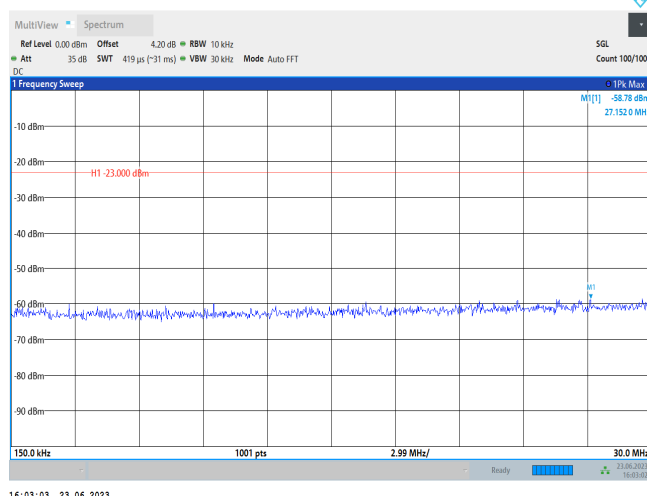
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



16:03:03 23.06.2023



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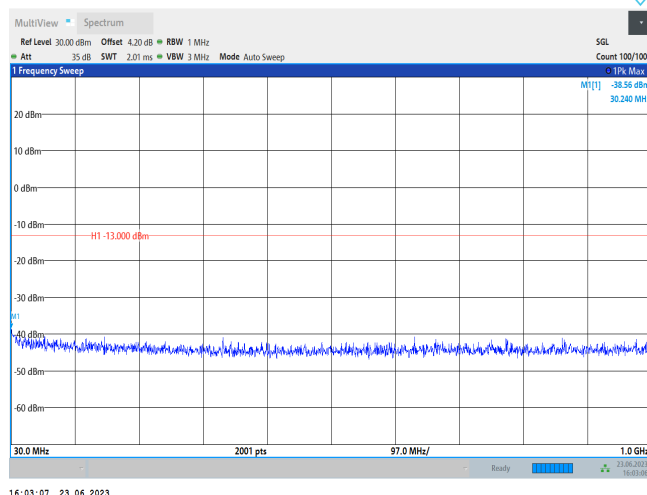
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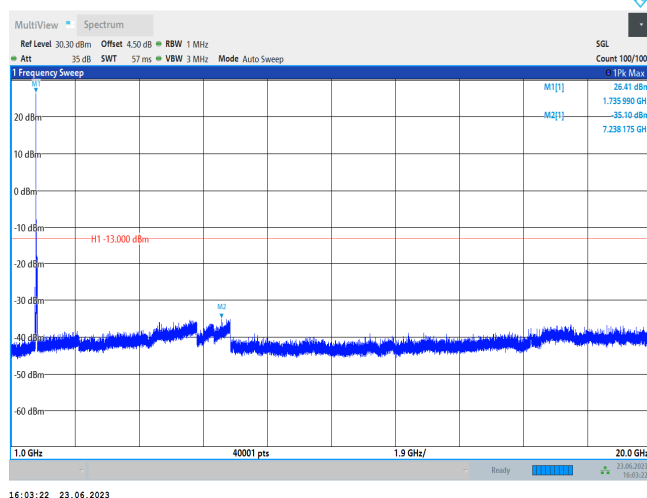
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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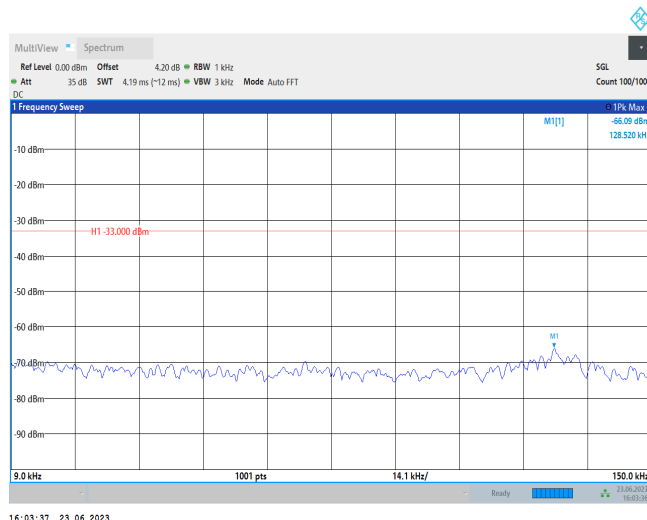
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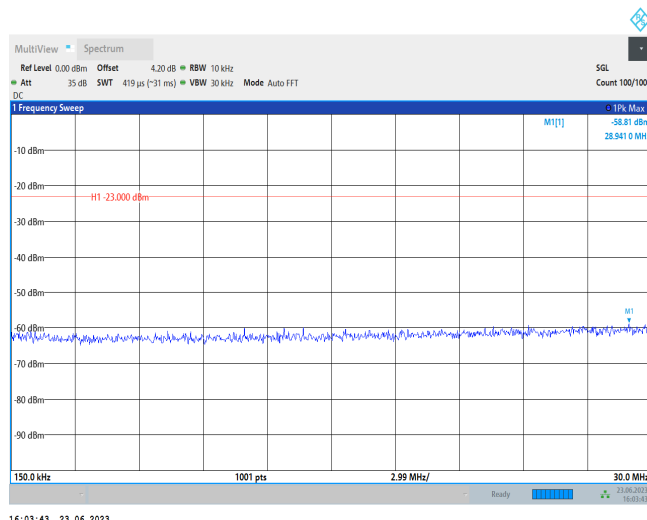
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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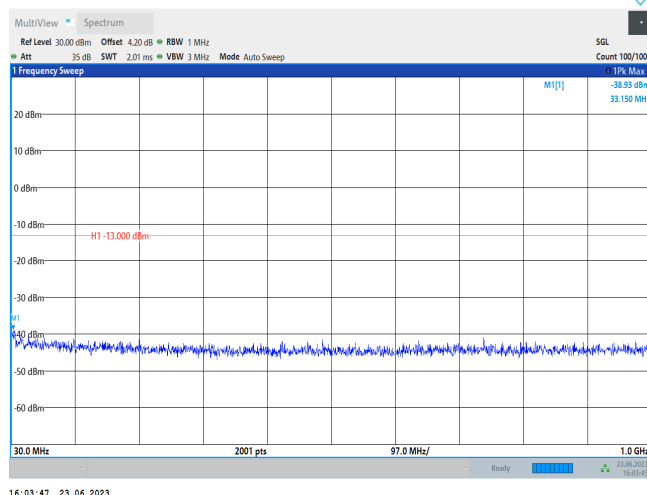
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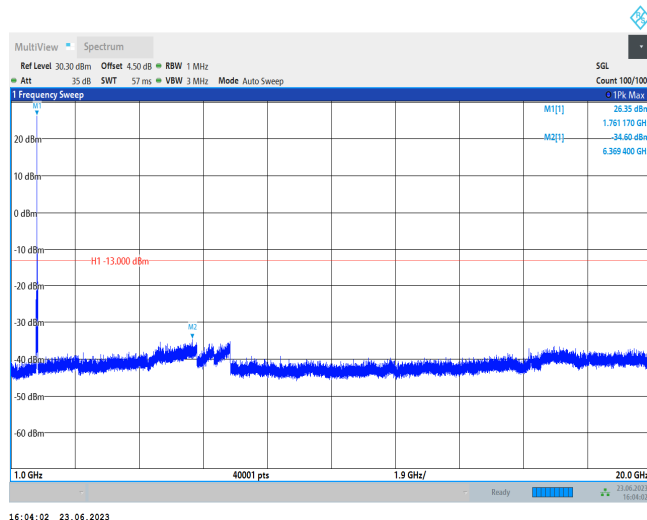
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE band 66_ TM1_20MHz

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	73.61	-46.28	28.55	-39.37	-13.00	26.37	251	120	Horizontal
2	5106.2700	40.47	-45.36	31.66	-68.50	-13.00	55.50	152	199	Horizontal
3	6808.3600	40.70	-44.16	34.86	-63.87	-13.00	50.87	169	1	Horizontal
4	8510.4500	37.23	-41.59	36.54	-63.07	-13.00	50.07	231	290	Horizontal
5	10212.5400	32.76	-39.45	38.31	-63.64	-13.00	50.64	187	268	Horizontal
6	11914.6300	28.88	-37.18	38.79	-64.77	-13.00	51.77	229	4	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	67.83	-46.28	28.55	-45.15	-13.00	32.15	103	87	Vertical
2	5106.2700	40.34	-45.36	31.66	-68.63	-13.00	55.63	198	0	Vertical
3	6808.3600	40.45	-44.16	34.86	-64.12	-13.00	51.12	169	234	Vertical
4	8510.4500	37.53	-41.59	36.54	-62.77	-13.00	49.77	132	77	Vertical
5	10212.5400	32.70	-39.45	38.31	-63.70	-13.00	50.70	154	177	Vertical
6	11914.6300	29.79	-37.18	38.79	-63.86	-13.00	50.86	112	98	Vertical



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Test Band = LTE band 66_ TM1_20MHz
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	3471.75	74.04	-46.27	28.58	-38.90	-13.00	25.90	118	122	Horizontal
2	5208	49.44	-45.26	31.90	-59.19	-13.00	46.19	157	313	Horizontal
3	6908.3600	39.35	-44.05	35.04	-64.92	-13.00	51.92	169	20	Horizontal
4	8635.4500	36.74	-41.46	36.48	-63.50	-13.00	50.50	258	110	Horizontal
5	10362.5400	33.16	-39.04	38.38	-62.76	-13.00	49.76	139	313	Horizontal
6	12089.6300	29.43	-37.37	38.83	-64.37	-13.00	51.37	255	144	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	3471.75	68.05	-46.27	28.58	-44.89	-13.00	31.89	155	75	Vertical
2	5208	54.22	-45.26	31.90	-54.41	-13.00	41.41	169	189	Vertical
3	6908.3600	39.34	-44.05	35.04	-64.93	-13.00	51.93	258	201	Vertical
4	8635.4500	36.81	-41.46	36.48	-63.43	-13.00	50.43	132	108	Vertical
5	10362.5400	33.65	-39.04	38.38	-62.27	-13.00	49.27	187	0	Vertical
6	12089.6300	30.13	-37.37	38.83	-63.67	-13.00	50.67	254	279	Vertical



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Test Band = LTE band 66_ TM1_20MHz
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	75.66	-46.23	28.62	-37.21	-13.00	24.21	158	121	Horizontal
2	5283	48.19	-45.12	32.08	-60.11	-13.00	47.11	232	41	Horizontal
3	7008.3600	39.77	-43.61	35.22	-63.87	-13.00	50.87	155	87	Horizontal
4	8760.4500	37.21	-41.42	36.42	-63.05	-13.00	50.05	169	98	Horizontal
5	10512.5400	32.82	-38.76	38.46	-62.74	-13.00	49.74	147	277	Horizontal
6	12262.6300	29.66	-37.44	38.88	-64.16	-13.00	51.16	221	313	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	70.00	-46.23	28.62	-42.87	-13.00	29.87	158	98	Vertical
2	5283	56.12	-45.12	32.08	-52.18	-13.00	39.18	121	190	Vertical
3	7008.3600	40.01	-43.61	35.22	-63.63	-13.00	50.63	104	156	Vertical
4	8760.4500	36.87	-41.42	36.42	-63.39	-13.00	50.39	159	280	Vertical
5	10512.5400	33.05	-38.76	38.46	-62.51	-13.00	49.51	132	156	Vertical
6	12262.6300	30.04	-37.44	38.88	-63.78	-13.00	50.78	228	245	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	-12.10	-0.006934	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-17.60	-0.010086	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	8.00	0.004585	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-8.10	-0.004642	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	0.40	0.000229	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	6.40	0.003668	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-15.20	-0.008711	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-13.00	-0.007450	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-13.90	-0.007966	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-8.70	-0.004986	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-14.60	-0.008367	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-17.40	-0.009971	PASS

---End of Attachment---



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