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Appendix B.15

LTE CA_2C



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

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

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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
2-2	10MHz-15MHz	QPSK-QPSK	18653-18773	1RB#0-0RB#0	23.46	22.36	33	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18653-18773	50RB#0-75RB#0	22.04	20.94	33	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18829-18949	1RB#0-0RB#0	23.11	22.01	33	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18829-18949	50RB#0-75RB#0	21.92	20.82	33	PASS
2-2	10MHz-15MHz	QPSK-QPSK	19005-19125	1RB#0-0RB#0	23.01	21.91	33	PASS
2-2	10MHz-15MHz	QPSK-QPSK	19005-19125	50RB#0-75RB#0	21.93	20.83	33	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18653-18773	1RB#0-0RB#0	22.53	21.43	33	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18653-18773	50RB#0-75RB#0	21.11	20.01	33	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18829-18949	1RB#0-0RB#0	22.36	21.26	33	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18829-18949	50RB#0-75RB#0	20.96	19.86	33	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	1RB#0-0RB#0	22.33	21.23	33	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-75RB#0	20.96	19.86	33	PASS
2-2	10MHz-15MHz	64QAM-64QAM	18653-18773	1RB#0-0RB#0	21.54	20.44	33	PASS
2-2	10MHz-15MHz	64QAM-64QAM	18653-18773	50RB#0-75RB#0	21.1	20	33	PASS
2-2	10MHz-15MHz	64QAM-64QAM	18829-18949	1RB#0-0RB#0	21.35	20.25	33	PASS
2-2	10MHz-15MHz	64QAM-64QAM	18829-18949	50RB#0-75RB#0	20.96	19.86	33	PASS
2-2	10MHz-15MHz	64QAM-64QAM	19005-19125	1RB#0-0RB#0	21.28	20.18	33	PASS
2-2	10MHz-15MHz	64QAM-64QAM	19005-19125	50RB#0-75RB#0	20.92	19.82	33	PASS
2-2	10MHz-15MHz	256QAM-256QAM	18653-18773	1RB#0-0RB#0	18.6	17.5	33	PASS
2-2	10MHz-15MHz	256QAM-256QAM	18653-18773	50RB#0-75RB#0	19.12	18.02	33	PASS
2-2	10MHz-15MHz	256QAM-256QAM	18829-18949	1RB#0-0RB#0	18.41	17.31	33	PASS
2-2	10MHz-15MHz	256QAM-256QAM	18829-18949	50RB#0-75RB#0	18.93	17.83	33	PASS
2-2	10MHz-15MHz	256QAM-256QAM	19005-19125	1RB#0-0RB#0	18.17	17.07	33	PASS
2-2	10MHz-15MHz	256QAM-256QAM	19005-19125	50RB#0-75RB#0	18.94	17.84	33	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18655-18799	1RB#0-0RB#0	23.32	22.22	33	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18655-18799	50RB#0-100RB#0	22.05	20.95	33	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18806-18950	1RB#0-0RB#0	23.25	22.15	33	PASS



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中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编：215000

t (86-512) 62992980 www.sgs.com.cn
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2-2	10MHz-20MHz	QPSK-QPSK	18806-18950	50RB#0-100RB#0	21.99	20.89	33	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18956-19100	1RB#0-0RB#0	23.04	21.94	33	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18956-19100	50RB#0-100RB#0	21.94	20.84	33	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18655-18799	1RB#0-0RB#0	22.46	21.36	33	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18655-18799	50RB#0-100RB#0	21.1	20	33	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18806-18950	1RB#0-0RB#0	22.44	21.34	33	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18806-18950	50RB#0-100RB#0	20.94	19.84	33	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18956-19100	1RB#0-0RB#0	22.26	21.16	33	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18956-19100	50RB#0-100RB#0	20.99	19.89	33	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18655-18799	1RB#0-0RB#0	21.68	20.58	33	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18655-18799	50RB#0-100RB#0	21.11	20.01	33	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18806-18950	1RB#0-0RB#0	21.48	20.38	33	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18806-18950	50RB#0-100RB#0	20.98	19.88	33	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18956-19100	1RB#0-0RB#0	21.41	20.31	33	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18956-19100	50RB#0-100RB#0	20.99	19.89	33	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18655-18799	1RB#0-0RB#0	18.43	17.33	33	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18655-18799	50RB#0-100RB#0	19.07	17.97	33	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18806-18950	1RB#0-0RB#0	18.36	17.26	33	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18806-18950	50RB#0-100RB#0	17.79	16.69	33	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18956-19100	1RB#0-0RB#0	18.33	17.23	33	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18956-19100	50RB#0-100RB#0	18.98	17.88	33	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18675-18795	1RB#0-0RB#0	23.25	22.15	33	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18675-18795	75RB#0-50RB#0	22.06	20.96	33	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18851-18971	1RB#0-0RB#0	23.05	21.95	33	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18851-18971	75RB#0-50RB#0	21.95	20.85	33	PASS
2-2	15MHz-10MHz	QPSK-QPSK	19027-19147	1RB#0-0RB#0	23.01	21.91	33	PASS
2-2	15MHz-10MHz	QPSK-QPSK	19027-19147	75RB#0-50RB#0	21.97	20.87	33	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18675-18795	1RB#0-0RB#0	22.45	21.35	33	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18675-18795	75RB#0-50RB#0	21.1	20	33	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18851-18971	1RB#0-0RB#0	22.26	21.16	33	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18851-18971	75RB#0-50RB#0	20.94	19.84	33	PASS
2-2	15MHz-10MHz	16QAM-16QAM	19027-19147	1RB#0-0RB#0	22.08	20.98	33	PASS
2-2	15MHz-10MHz	16QAM-16QAM	19027-19147	75RB#0-50RB#0	21	19.9	33	PASS



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2-2	15MHz-10MHz	64QAM-64QAM	18675-18795	1RB#0-0RB#0	21.65	20.55	33	PASS
2-2	15MHz-10MHz	64QAM-64QAM	18675-18795	75RB#0-50RB#0	21.03	19.93	33	PASS
2-2	15MHz-10MHz	64QAM-64QAM	18851-18971	1RB#0-0RB#0	21.32	20.22	33	PASS
2-2	15MHz-10MHz	64QAM-64QAM	18851-18971	75RB#0-50RB#0	20.96	19.86	33	PASS
2-2	15MHz-10MHz	64QAM-64QAM	19027-19147	1RB#0-0RB#0	21.32	20.22	33	PASS
2-2	15MHz-10MHz	64QAM-64QAM	19027-19147	75RB#0-50RB#0	21.04	19.94	33	PASS
2-2	15MHz-10MHz	256QAM-256QAM	18675-18795	1RB#0-0RB#0	18.53	17.43	33	PASS
2-2	15MHz-10MHz	256QAM-256QAM	18675-18795	75RB#0-50RB#0	19.05	17.95	33	PASS
2-2	15MHz-10MHz	256QAM-256QAM	18851-18971	1RB#0-0RB#0	18.39	17.29	33	PASS
2-2	15MHz-10MHz	256QAM-256QAM	18851-18971	75RB#0-50RB#0	18.92	17.82	33	PASS
2-2	15MHz-10MHz	256QAM-256QAM	19027-19147	1RB#0-0RB#0	18.15	17.05	33	PASS
2-2	15MHz-10MHz	256QAM-256QAM	19027-19147	75RB#0-50RB#0	18.94	17.84	33	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18675-18825	1RB#0-0RB#0	23.32	22.22	33	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18675-18825	75RB#0-75RB#0	22.03	20.93	33	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18825-18975	1RB#0-0RB#0	23.03	21.93	33	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18825-18975	75RB#0-75RB#0	21.91	20.81	33	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18975-19125	1RB#0-0RB#0	23	21.9	33	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18975-19125	75RB#0-75RB#0	21.89	20.79	33	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18675-18825	1RB#0-0RB#0	22.4	21.3	33	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18675-18825	75RB#0-75RB#0	21.08	19.98	33	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18825-18975	1RB#0-0RB#0	22.26	21.16	33	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18825-18975	75RB#0-75RB#0	20.95	19.85	33	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18975-19125	1RB#0-0RB#0	22.16	21.06	33	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18975-19125	75RB#0-75RB#0	20.92	19.82	33	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18675-18825	1RB#0-0RB#0	21.62	20.52	33	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18675-18825	75RB#0-75RB#0	21.09	19.99	33	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18825-18975	1RB#0-0RB#0	21.42	20.32	33	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18825-18975	75RB#0-75RB#0	20.97	19.87	33	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18975-19125	1RB#0-0RB#0	21.32	20.22	33	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18975-19125	75RB#0-75RB#0	20.98	19.88	33	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18675-18825	1RB#0-0RB#0	18.49	17.39	33	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18675-18825	75RB#0-75RB#0	19.1	18	33	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18825-18975	1RB#0-0RB#0	18.36	17.26	33	PASS



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2-2	15MHz-15MHz	256QAM-256QAM	18825-18975	75RB#0-75RB#0	18.88	17.78	33	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18975-19125	1RB#0-0RB#0	18.18	17.08	33	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18975-19125	75RB#0-75RB#0	18.94	17.84	33	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18678-18849	1RB#0-0RB#0	23.13	22.03	33	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18678-18849	75RB#0-100RB#0	22.03	20.93	33	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18803-18974	1RB#0-0RB#0	23.08	21.98	33	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18803-18974	75RB#0-100RB#0	21.97	20.87	33	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18929-19100	1RB#0-0RB#0	23	21.9	33	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18929-19100	75RB#0-100RB#0	21.93	20.83	33	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18678-18849	1RB#0-0RB#0	22.42	21.32	33	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18678-18849	75RB#0-100RB#0	21.09	19.99	33	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18803-18974	1RB#0-0RB#0	22.17	21.07	33	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18803-18974	75RB#0-100RB#0	20.92	19.82	33	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18929-19100	1RB#0-0RB#0	22.2	21.1	33	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18929-19100	75RB#0-100RB#0	20.97	19.87	33	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18678-18849	1RB#0-0RB#0	21.53	20.43	33	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18678-18849	75RB#0-100RB#0	21.03	19.93	33	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18803-18974	1RB#0-0RB#0	21.44	20.34	33	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18803-18974	75RB#0-100RB#0	20.98	19.88	33	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18929-19100	1RB#0-0RB#0	21.27	20.17	33	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18929-19100	75RB#0-100RB#0	20.95	19.85	33	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18678-18849	1RB#0-0RB#0	18.41	17.31	33	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18678-18849	75RB#0-100RB#0	19.01	17.91	33	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18803-18974	1RB#0-0RB#0	18.36	17.26	33	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18803-18974	75RB#0-100RB#0	19.01	17.91	33	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18929-19100	1RB#0-0RB#0	18.05	16.95	33	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18929-19100	75RB#0-100RB#0	18.95	17.85	33	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18700-18844	100RB#0-50RB#0	22.15	21.05	33	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18700-18844	1RB#0-0RB#0	23.13	22.03	33	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18851-18995	100RB#0-50RB#0	21.9	20.8	33	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18851-18995	1RB#0-0RB#0	23.12	22.02	33	PASS
2-2	20MHz-10MHz	QPSK-QPSK	19001-19145	100RB#0-50RB#0	21.96	20.86	33	PASS
2-2	20MHz-10MHz	QPSK-QPSK	19001-19145	1RB#0-0RB#0	22.89	21.79	33	PASS



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2-2	20MHz-10MHz	16QAM-16QAM	18700-18844	100RB#0-50RB#0	21.02	19.92	33	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18700-18844	1RB#0-0RB#0	22.39	21.29	33	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18851-18995	100RB#0-50RB#0	20.89	19.79	33	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18851-18995	1RB#0-0RB#0	22.35	21.25	33	PASS
2-2	20MHz-10MHz	16QAM-16QAM	19001-19145	100RB#0-50RB#0	20.98	19.88	33	PASS
2-2	20MHz-10MHz	16QAM-16QAM	19001-19145	1RB#0-0RB#0	22.26	21.16	33	PASS
2-2	20MHz-10MHz	64QAM-64QAM	18700-18844	100RB#0-50RB#0	21.1	20	33	PASS
2-2	20MHz-10MHz	64QAM-64QAM	18700-18844	1RB#0-0RB#0	21.52	20.42	33	PASS
2-2	20MHz-10MHz	64QAM-64QAM	18851-18995	100RB#0-50RB#0	20.93	19.83	33	PASS
2-2	20MHz-10MHz	64QAM-64QAM	18851-18995	1RB#0-0RB#0	21.39	20.29	33	PASS
2-2	20MHz-10MHz	64QAM-64QAM	19001-19145	100RB#0-50RB#0	20.93	19.83	33	PASS
2-2	20MHz-10MHz	64QAM-64QAM	19001-19145	1RB#0-0RB#0	21.31	20.21	33	PASS
2-2	20MHz-10MHz	256QAM-256QAM	18700-18844	100RB#0-50RB#0	18.95	17.85	33	PASS
2-2	20MHz-10MHz	256QAM-256QAM	18700-18844	1RB#0-0RB#0	18.33	17.23	33	PASS
2-2	20MHz-10MHz	256QAM-256QAM	18851-18995	100RB#0-50RB#0	18.91	17.81	33	PASS
2-2	20MHz-10MHz	256QAM-256QAM	18851-18995	1RB#0-0RB#0	18.39	17.29	33	PASS
2-2	20MHz-10MHz	256QAM-256QAM	19001-19145	100RB#0-50RB#0	18.92	17.82	33	PASS
2-2	20MHz-10MHz	256QAM-256QAM	19001-19145	1RB#0-0RB#0	18.24	17.14	33	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	21.97	20.87	33	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	1RB#0-0RB#0	23.1	22	33	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18826-18997	100RB#0-75RB#0	21.96	20.86	33	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18826-18997	1RB#0-0RB#0	23.09	21.99	33	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18951-19122	100RB#0-75RB#0	21.93	20.83	33	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18951-19122	1RB#0-0RB#0	23	21.9	33	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	21.05	19.95	33	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	1RB#0-0RB#0	22.27	21.17	33	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18826-18997	100RB#0-75RB#0	20.92	19.82	33	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18826-18997	1RB#0-0RB#0	22.22	21.12	33	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18951-19122	100RB#0-75RB#0	20.94	19.84	33	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18951-19122	1RB#0-0RB#0	22.22	21.12	33	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18700-18871	100RB#0-75RB#0	21.03	19.93	33	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18700-18871	1RB#0-0RB#0	21.5	20.4	33	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18826-18997	100RB#0-75RB#0	20.96	19.86	33	PASS



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2-2	20MHz-15MHz	64QAM-64QAM	18826-18997	1RB#0-0RB#0	21.28	20.18	33	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18951-19122	100RB#0-75RB#0	20.99	19.89	33	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18951-19122	1RB#0-0RB#0	21.23	20.13	33	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18700-18871	100RB#0-75RB#0	18.99	17.89	33	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18700-18871	1RB#0-0RB#0	18.39	17.29	33	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18826-18997	100RB#0-75RB#0	18.98	17.88	33	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18826-18997	1RB#0-0RB#0	18.39	17.29	33	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18951-19122	100RB#0-75RB#0	18.96	17.86	33	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18951-19122	1RB#0-0RB#0	18.45	17.35	33	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18700-18898	100RB#0-100RB#0	22.05	20.95	33	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18700-18898	1RB#0-0RB#0	23.11	22.01	33	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	21.96	20.86	33	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	1RB#0-0RB#0	23.04	21.94	33	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18902-19100	100RB#0-100RB#0	21.88	20.78	33	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18902-19100	1RB#0-0RB#0	23.08	21.98	33	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18700-18898	100RB#0-100RB#0	21.04	19.94	33	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18700-18898	1RB#0-0RB#0	22.33	21.23	33	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	20.99	19.89	33	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	1RB#0-0RB#0	22.32	21.22	33	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18902-19100	100RB#0-100RB#0	20.9	19.8	33	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18902-19100	1RB#0-0RB#0	22.17	21.07	33	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18700-18898	100RB#0-100RB#0	21.05	19.95	33	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18700-18898	1RB#0-0RB#0	21.48	20.38	33	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	21	19.9	33	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	1RB#0-0RB#0	21.24	20.14	33	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18902-19100	100RB#0-100RB#0	20.93	19.83	33	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18902-19100	1RB#0-0RB#0	21.35	20.25	33	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18700-18898	100RB#0-100RB#0	19.08	17.98	33	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18700-18898	1RB#0-0RB#0	18.5	17.4	33	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18801-18999	100RB#0-100RB#0	18.94	17.84	33	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18801-18999	1RB#0-0RB#0	18.41	17.31	33	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18902-19100	100RB#0-100RB#0	18.91	17.81	33	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18902-19100	1RB#0-0RB#0	18.27	17.17	33	PASS



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2-2	20MHz-5MHz	QPSK-QPSK	18700-18817	100RB#0-25RB#0	21.98	20.88	33	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18700-18817	1RB#0-0RB#0	23.13	22.03	33	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	21.92	20.82	33	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	1RB#0-0RB#0	23.07	21.97	33	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	100RB#0-25RB#0	22	20.9	33	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	1RB#0-0RB#0	22.97	21.87	33	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	100RB#0-25RB#0	20.98	19.88	33	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	1RB#0-0RB#0	22.46	21.36	33	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	20.98	19.88	33	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	1RB#0-0RB#0	22.26	21.16	33	PASS
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	20.94	19.84	33	PASS
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	1RB#0-0RB#0	22.39	21.29	33	PASS
2-2	20MHz-5MHz	64QAM-64QAM	18700-18817	100RB#0-25RB#0	21.03	19.93	33	PASS
2-2	20MHz-5MHz	64QAM-64QAM	18700-18817	1RB#0-0RB#0	21.5	20.4	33	PASS
2-2	20MHz-5MHz	64QAM-64QAM	18875-18992	100RB#0-25RB#0	20.94	19.84	33	PASS
2-2	20MHz-5MHz	64QAM-64QAM	18875-18992	1RB#0-0RB#0	21.45	20.35	33	PASS
2-2	20MHz-5MHz	64QAM-64QAM	19050-19167	100RB#0-25RB#0	20.98	19.88	33	PASS
2-2	20MHz-5MHz	64QAM-64QAM	19050-19167	1RB#0-0RB#0	21.34	20.24	33	PASS
2-2	20MHz-5MHz	256QAM-256QAM	18700-18817	100RB#0-25RB#0	19.09	17.99	33	PASS
2-2	20MHz-5MHz	256QAM-256QAM	18700-18817	1RB#0-0RB#0	18.41	17.31	33	PASS
2-2	20MHz-5MHz	256QAM-256QAM	18875-18992	100RB#0-25RB#0	18.93	17.83	33	PASS
2-2	20MHz-5MHz	256QAM-256QAM	18875-18992	1RB#0-0RB#0	18.35	17.25	33	PASS
2-2	20MHz-5MHz	256QAM-256QAM	19050-19167	100RB#0-25RB#0	19	17.9	33	PASS
2-2	20MHz-5MHz	256QAM-256QAM	19050-19167	1RB#0-0RB#0	18.36	17.26	33	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-18750	1RB#0-0RB#0	23.2	22.1	33	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-18750	25RB#0-100RB#0	22.02	20.92	33	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18808-18925	1RB#0-0RB#0	23.13	22.03	33	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18808-18925	25RB#0-100RB#0	22	20.9	33	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18983-19100	1RB#0-0RB#0	23.1	22	33	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18983-19100	25RB#0-100RB#0	21.95	20.85	33	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18633-18750	1RB#0-0RB#0	22.49	21.39	33	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18633-18750	25RB#0-100RB#0	21.11	20.01	33	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18808-18925	1RB#0-0RB#0	22.24	21.14	33	PASS



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2-2	5MHz-20MHz	16QAM-16QAM	18808-18925	25RB#0-100RB#0	21.03	19.93	33	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18983-19100	1RB#0-0RB#0	22.26	21.16	33	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18983-19100	25RB#0-100RB#0	20.96	19.86	33	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18633-18750	1RB#0-0RB#0	21.62	20.52	33	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18633-18750	25RB#0-100RB#0	21.17	20.07	33	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18808-18925	1RB#0-0RB#0	21.49	20.39	33	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18808-18925	25RB#0-100RB#0	21.05	19.95	33	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18983-19100	1RB#0-0RB#0	21.49	20.39	33	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18983-19100	25RB#0-100RB#0	20.93	19.83	33	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18633-18750	1RB#0-0RB#0	18.53	17.43	33	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18633-18750	25RB#0-100RB#0	19.05	17.95	33	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18808-18925	1RB#0-0RB#0	18.24	17.14	33	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18808-18925	25RB#0-100RB#0	19.2	18.1	33	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18983-19100	1RB#0-0RB#0	18.25	17.15	33	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18983-19100	25RB#0-100RB#0	18.67	17.57	33	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
2-2	20MHz-20MHz	QPSK-QPSK	18700-18898	100RB#0-100RB#0	8.16	13	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	8.22	13	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18902-19100	100RB#0-100RB#0	8.28	13	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18700-18898	100RB#0-100RB#0	8.20	13	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	8.34	13	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18902-19100	100RB#0-100RB#0	8.28	13	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18700-18898	100RB#0-100RB#0	8.26	13	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	8.20	13	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18902-19100	100RB#0-100RB#0	8.26	13	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18700-18898	100RB#0-100RB#0	8.36	13	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18801-18999	100RB#0-100RB#0	8.32	13	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18902-19100	100RB#0-100RB#0	8.30	13	PASS



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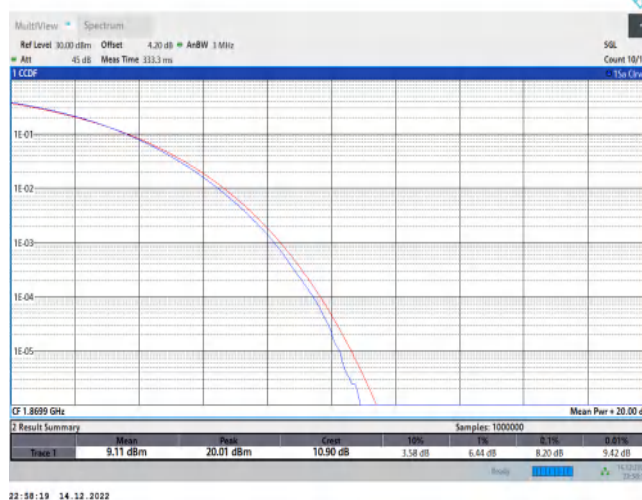
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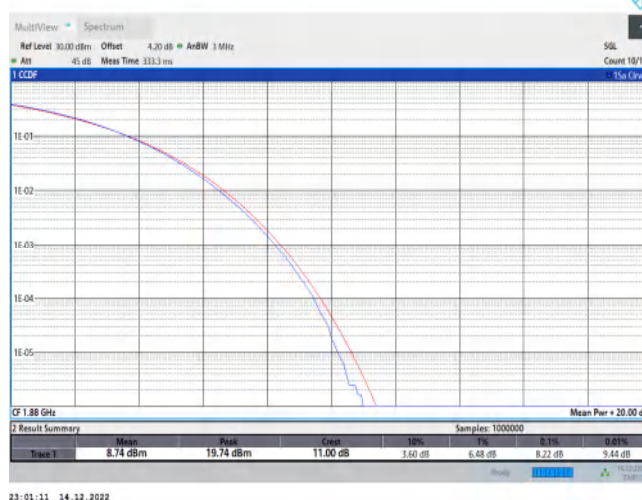
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Test Graphs

2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-100RB#0-100RB#0



2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-100RB#0-100RB#0



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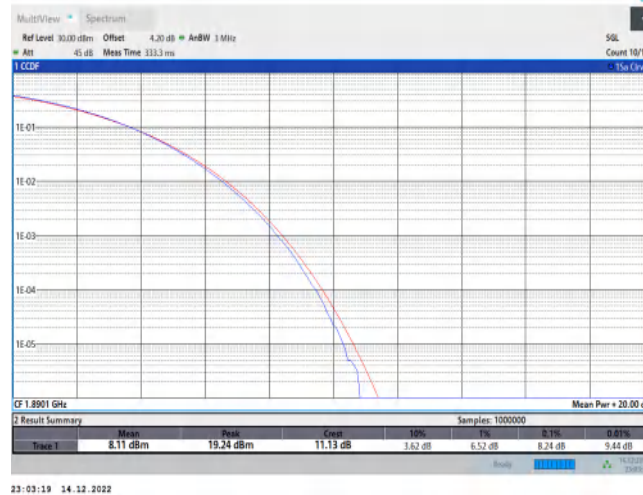
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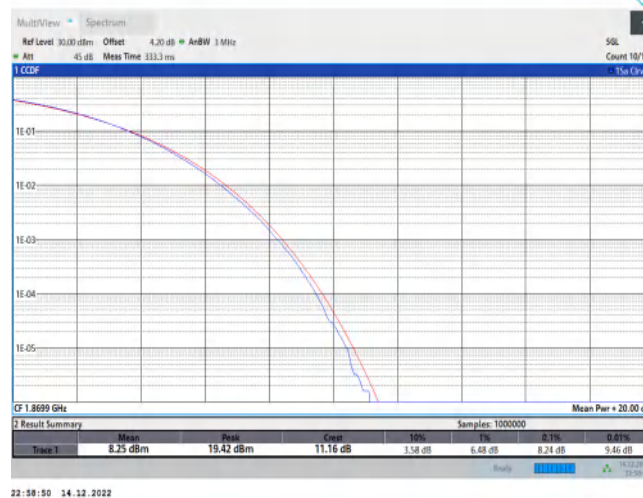
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2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-100RB#0-100RB#0



2-2-20MHz-20MHz-16QAM-16QAM-18700-18898-100RB#0-100RB#0



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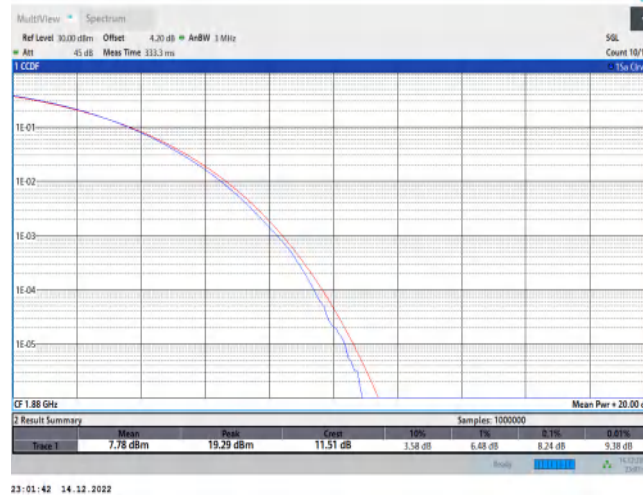
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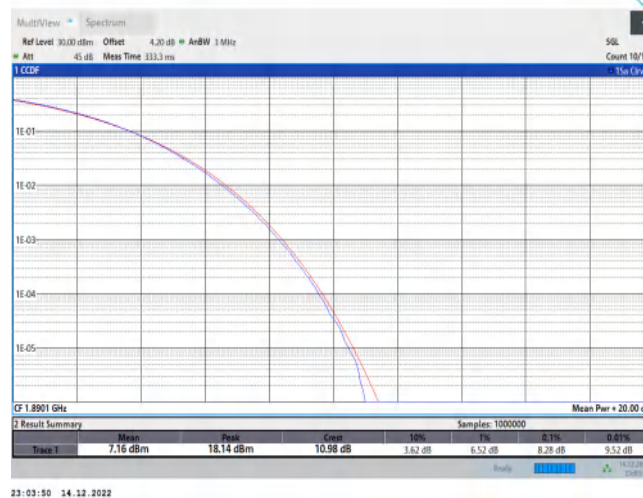
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2-2-20MHz-20MHz-16QAM-16QAM-18801-18999-100RB#0-100RB#0



2-2-20MHz-20MHz-16QAM-16QAM-18902-19100-100RB#0-100RB#0



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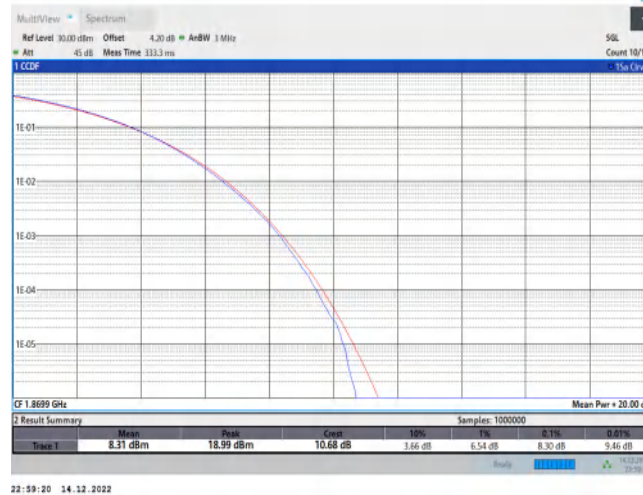
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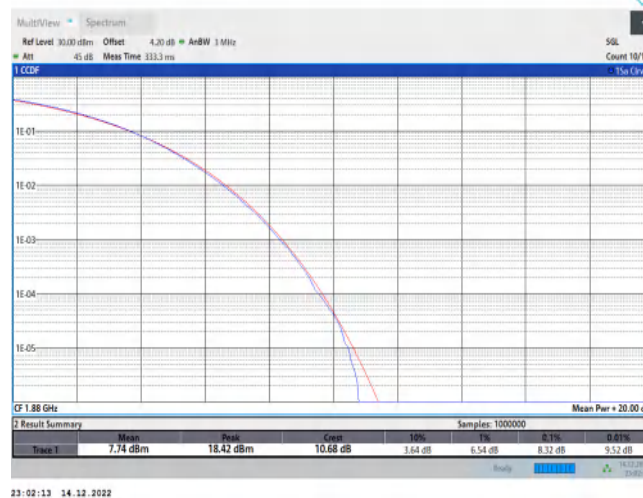
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2-2-20MHz-20MHz-64QAM-64QAM-18700-18898-100RB#0-100RB#0



2-2-20MHz-20MHz-64QAM-64QAM-18801-18999-100RB#0-100RB#0



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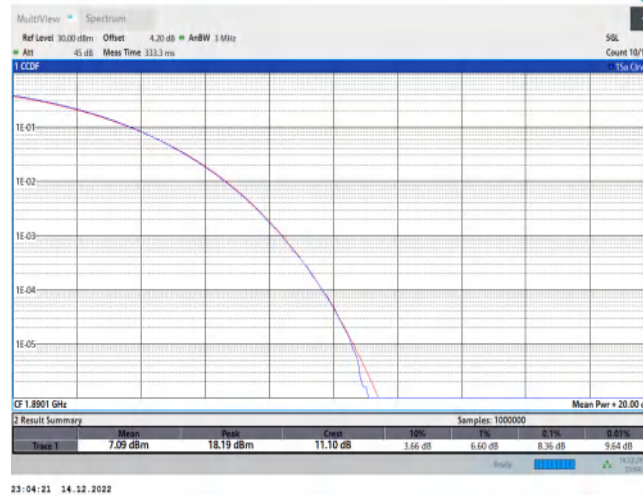
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2-2-20MHz-20MHz-64QAM-64QAM-18902-19100-100RB#0-100RB#0



2-2-20MHz-20MHz-256QAM-256QAM-18700-18898-100RB#0-100RB#0



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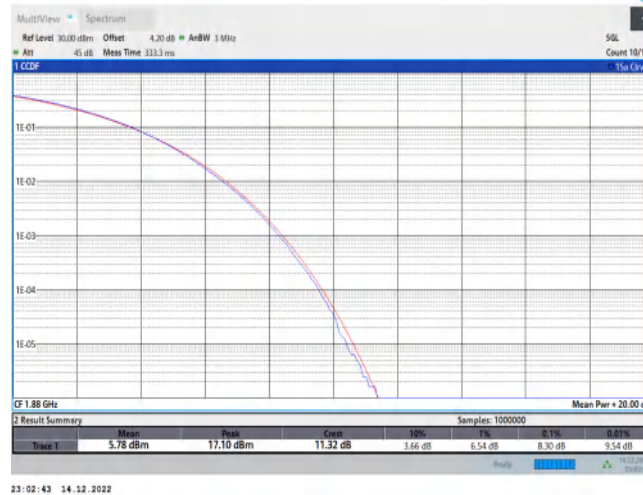
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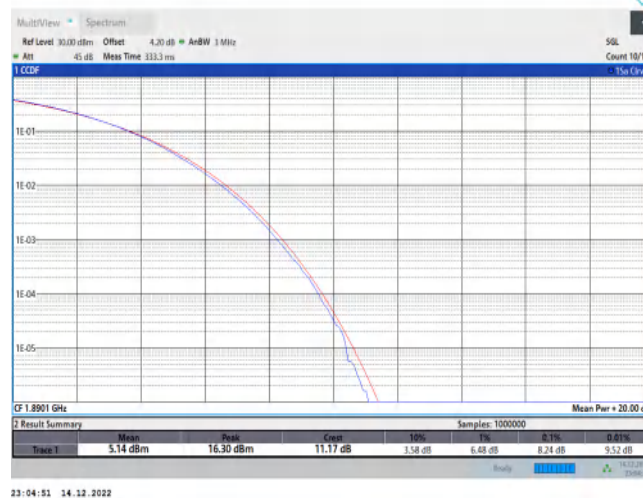
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2-2-20MHz-20MHz-256QAM-256QAM-18801-18999-100RB#0-100RB#0



2-2-20MHz-20MHz-256QAM-256QAM-18902-19100-100RB#0-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Verdict
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	Pass	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	Pass	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	Pass	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18801-18999	100RB#0-100RB#0	Pass	PASS



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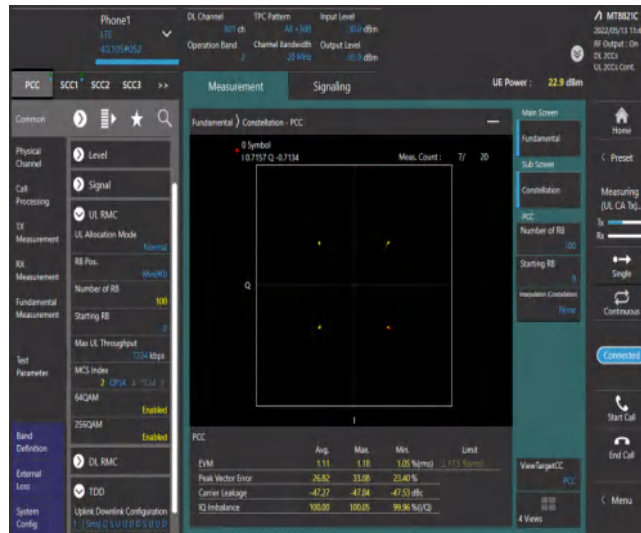
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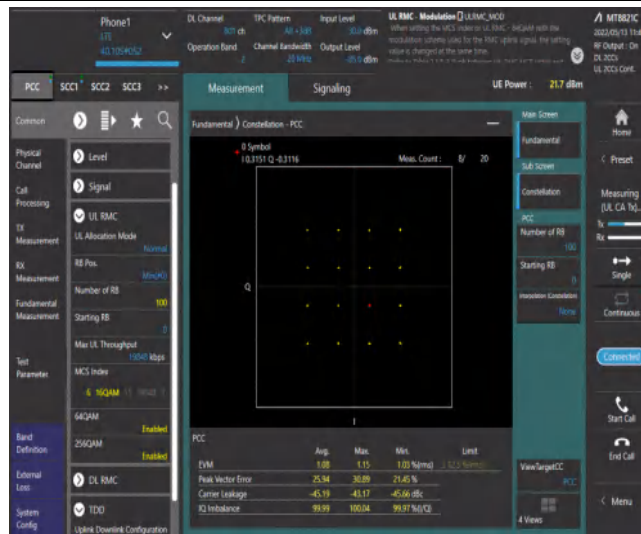
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Test Graphs

2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-100RB#0-100RB#0



2-2-20MHz-20MHz-16QAM-16QAM-18801-18999-100RB#0-100RB#0



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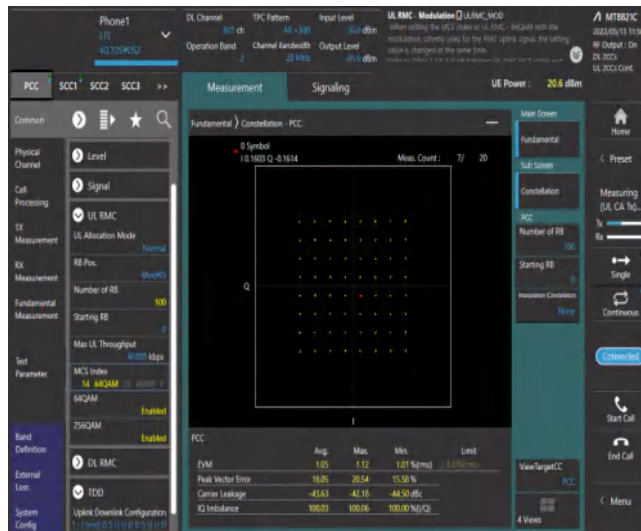
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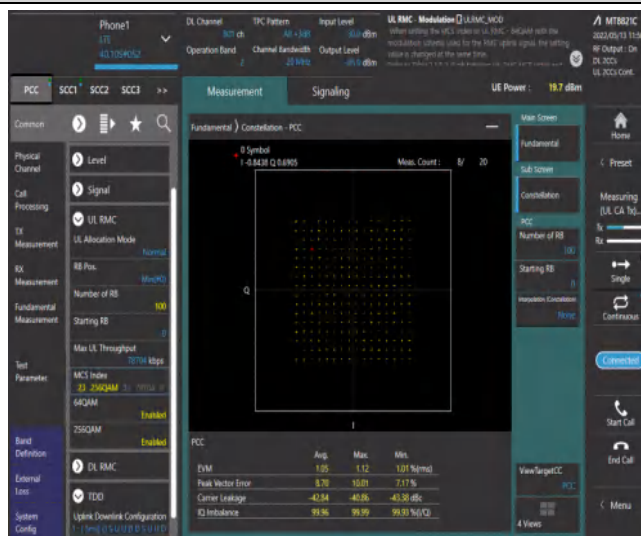
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2-2-20MHz-20MHz-64QAM-64QAM-18801-18999-100RB#0-100RB#0



2-2-20MHz-20MHz-256QAM-256QAM-18801-18999-100RB#0-100RB#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
2-2	10MHz-15MHz	QPSK-QPSK	18653-18773	50RB#0-75RB#0	23.174	24.80	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18829-18949	50RB#0-75RB#0	23.154	24.65	PASS
2-2	10MHz-15MHz	QPSK-QPSK	19005-19125	50RB#0-75RB#0	23.073	24.75	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18653-18773	50RB#0-75RB#0	23.141	24.65	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18829-18949	50RB#0-75RB#0	23.129	24.70	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-75RB#0	23.056	24.85	PASS
2-2	10MHz-15MHz	64QAM-64QAM	18653-18773	50RB#0-75RB#0	23.162	24.70	PASS
2-2	10MHz-15MHz	64QAM-64QAM	18829-18949	50RB#0-75RB#0	23.092	24.80	PASS
2-2	10MHz-15MHz	64QAM-64QAM	19005-19125	50RB#0-75RB#0	23.074	24.75	PASS
2-2	10MHz-15MHz	256QAM-256QAM	18653-18773	50RB#0-75RB#0	23.109	24.80	PASS
2-2	10MHz-15MHz	256QAM-256QAM	18829-18949	50RB#0-75RB#0	23.108	24.75	PASS
2-2	10MHz-15MHz	256QAM-256QAM	19005-19125	50RB#0-75RB#0	23.053	24.70	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18655-18799	50RB#0-100RB#0	27.747	29.46	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18806-18950	50RB#0-100RB#0	27.699	29.34	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18956-19100	50RB#0-100RB#0	27.664	29.52	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18655-18799	50RB#0-100RB#0	27.655	29.34	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18806-18950	50RB#0-100RB#0	27.663	29.40	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18956-19100	50RB#0-100RB#0	27.619	29.34	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18655-18799	50RB#0-100RB#0	27.73	29.46	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18806-18950	50RB#0-100RB#0	27.619	29.40	PASS
2-2	10MHz-20MHz	64QAM-64QAM	18956-19100	50RB#0-100RB#0	27.704	29.28	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18655-18799	50RB#0-100RB#0	27.673	29.46	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18806-18950	50RB#0-100RB#0	27.595	29.40	PASS
2-2	10MHz-20MHz	256QAM-256QAM	18956-19100	50RB#0-100RB#0	27.632	29.28	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18675-18795	75RB#0-50RB#0	23.183	25.00	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18851-18971	75RB#0-50RB#0	23.117	24.80	PASS
2-2	15MHz-10MHz	QPSK-QPSK	19027-19147	75RB#0-50RB#0	23.129	24.75	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18675-18795	75RB#0-50RB#0	23.143	25.20	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18851-18971	75RB#0-50RB#0	23.166	24.85	PASS
2-2	15MHz-10MHz	16QAM-16QAM	19027-19147	75RB#0-50RB#0	23.094	25.00	PASS
2-2	15MHz-10MHz	64QAM-64QAM	18675-18795	75RB#0-50RB#0	23.165	25.10	PASS



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2-2	15MHz-10MHz	64QAM-64QAM	18851-18971	75RB#0-50RB#0	23.141	24.90	PASS
2-2	15MHz-10MHz	64QAM-64QAM	19027-19147	75RB#0-50RB#0	23.069	25.00	PASS
2-2	15MHz-10MHz	256QAM-256QAM	18675-18795	75RB#0-50RB#0	23.181	24.90	PASS
2-2	15MHz-10MHz	256QAM-256QAM	18851-18971	75RB#0-50RB#0	23.128	24.80	PASS
2-2	15MHz-10MHz	256QAM-256QAM	19027-19147	75RB#0-50RB#0	23.127	24.85	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18675-18825	75RB#0-75RB#0	28.276	30.36	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18825-18975	75RB#0-75RB#0	28.261	30.24	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18975-19125	75RB#0-75RB#0	28.288	30.12	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18675-18825	75RB#0-75RB#0	28.294	30.06	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18825-18975	75RB#0-75RB#0	28.281	30.12	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18975-19125	75RB#0-75RB#0	28.277	30.12	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18675-18825	75RB#0-75RB#0	28.213	30.18	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18825-18975	75RB#0-75RB#0	28.314	30.24	PASS
2-2	15MHz-15MHz	64QAM-64QAM	18975-19125	75RB#0-75RB#0	28.212	30.12	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18675-18825	75RB#0-75RB#0	28.26	30.24	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18825-18975	75RB#0-75RB#0	28.326	30.24	PASS
2-2	15MHz-15MHz	256QAM-256QAM	18975-19125	75RB#0-75RB#0	28.271	30.30	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18678-18849	75RB#0-100RB#0	32.564	34.65	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18803-18974	75RB#0-100RB#0	32.542	34.44	PASS
2-2	15MHz-20MHz	QPSK-QPSK	18929-19100	75RB#0-100RB#0	32.535	34.58	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18678-18849	75RB#0-100RB#0	32.567	34.65	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18803-18974	75RB#0-100RB#0	32.607	34.37	PASS
2-2	15MHz-20MHz	16QAM-16QAM	18929-19100	75RB#0-100RB#0	32.465	34.44	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18678-18849	75RB#0-100RB#0	32.445	34.51	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18803-18974	75RB#0-100RB#0	32.588	34.44	PASS
2-2	15MHz-20MHz	64QAM-64QAM	18929-19100	75RB#0-100RB#0	32.565	34.58	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18678-18849	75RB#0-100RB#0	32.428	34.44	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18803-18974	75RB#0-100RB#0	32.552	34.51	PASS
2-2	15MHz-20MHz	256QAM-256QAM	18929-19100	75RB#0-100RB#0	32.457	34.58	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18700-18844	100RB#0-50RB#0	27.738	29.76	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18851-18995	100RB#0-50RB#0	27.736	29.64	PASS
2-2	20MHz-10MHz	QPSK-QPSK	19001-19145	100RB#0-50RB#0	27.704	29.58	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18700-18844	100RB#0-50RB#0	27.71	29.76	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18851-18995	100RB#0-50RB#0	27.751	29.64	PASS
2-2	20MHz-10MHz	16QAM-16QAM	19001-19145	100RB#0-50RB#0	27.713	29.76	PASS
2-2	20MHz-10MHz	64QAM-64QAM	18700-18844	100RB#0-50RB#0	27.729	29.70	PASS
2-2	20MHz-10MHz	64QAM-64QAM	18851-18995	100RB#0-50RB#0	27.719	29.70	PASS
2-2	20MHz-10MHz	64QAM-64QAM	19001-19145	100RB#0-50RB#0	27.726	29.76	PASS



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2-2	20MHz-10MHz	256QAM-256QAM	18700-18844	100RB#0-50RB#0	27.697	30.30	PASS
2-2	20MHz-10MHz	256QAM-256QAM	18851-18995	100RB#0-50RB#0	27.668	29.46	PASS
2-2	20MHz-10MHz	256QAM-256QAM	19001-19145	100RB#0-50RB#0	27.677	29.76	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	32.608	34.58	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18826-18997	100RB#0-75RB#0	32.503	34.65	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18951-19122	100RB#0-75RB#0	32.617	34.86	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	32.547	34.51	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18826-18997	100RB#0-75RB#0	32.617	34.79	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18951-19122	100RB#0-75RB#0	32.585	34.72	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18700-18871	100RB#0-75RB#0	32.551	34.86	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18826-18997	100RB#0-75RB#0	32.591	34.65	PASS
2-2	20MHz-15MHz	64QAM-64QAM	18951-19122	100RB#0-75RB#0	32.562	34.79	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18700-18871	100RB#0-75RB#0	32.569	34.44	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18826-18997	100RB#0-75RB#0	32.597	34.79	PASS
2-2	20MHz-15MHz	256QAM-256QAM	18951-19122	100RB#0-75RB#0	32.521	34.65	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18700-18898	100RB#0-100RB#0	37.646	40.56	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	37.717	40.40	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18902-19100	100RB#0-100RB#0	37.664	40.64	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18700-18898	100RB#0-100RB#0	37.606	40.56	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	37.709	40.56	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18902-19100	100RB#0-100RB#0	37.72	40.32	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18700-18898	100RB#0-100RB#0	37.642	40.48	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	37.665	40.48	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18902-19100	100RB#0-100RB#0	37.681	40.64	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18700-18898	100RB#0-100RB#0	37.53	40.40	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18801-18999	100RB#0-100RB#0	37.624	40.72	PASS
2-2	20MHz-20MHz	256QAM-256QAM	18902-19100	100RB#0-100RB#0	37.675	40.56	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18700-18817	100RB#0-25RB#0	22.905	24.70	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	22.904	24.65	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	100RB#0-25RB#0	22.914	24.55	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	100RB#0-25RB#0	22.918	24.55	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	22.905	24.60	PASS
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	22.903	24.50	PASS
2-2	20MHz-5MHz	64QAM-64QAM	18700-18817	100RB#0-25RB#0	22.902	24.70	PASS
2-2	20MHz-5MHz	64QAM-64QAM	18875-18992	100RB#0-25RB#0	22.881	24.50	PASS
2-2	20MHz-5MHz	64QAM-64QAM	19050-19167	100RB#0-25RB#0	22.885	24.60	PASS
2-2	20MHz-5MHz	256QAM-256QAM	18700-18817	100RB#0-25RB#0	22.925	24.60	PASS
2-2	20MHz-5MHz	256QAM-256QAM	18875-18992	100RB#0-25RB#0	22.916	24.55	PASS



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2-2	20MHz-5MHz	256QAM-256QAM	19050-19167	100RB#0-25RB#0	22.868	24.65	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-18750	25RB#0-100RB#0	22.939	24.35	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18808-18925	25RB#0-100RB#0	22.843	24.20	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18983-19100	25RB#0-100RB#0	22.825	24.45	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18633-18750	25RB#0-100RB#0	22.982	24.30	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18808-18925	25RB#0-100RB#0	22.84	24.10	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18983-19100	25RB#0-100RB#0	22.808	24.30	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18633-18750	25RB#0-100RB#0	22.884	24.25	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18808-18925	25RB#0-100RB#0	22.759	24.35	PASS
2-2	5MHz-20MHz	64QAM-64QAM	18983-19100	25RB#0-100RB#0	22.789	24.30	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18633-18750	25RB#0-100RB#0	22.918	24.30	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18808-18925	25RB#0-100RB#0	22.768	24.10	PASS
2-2	5MHz-20MHz	256QAM-256QAM	18983-19100	25RB#0-100RB#0	22.79	24.15	PASS



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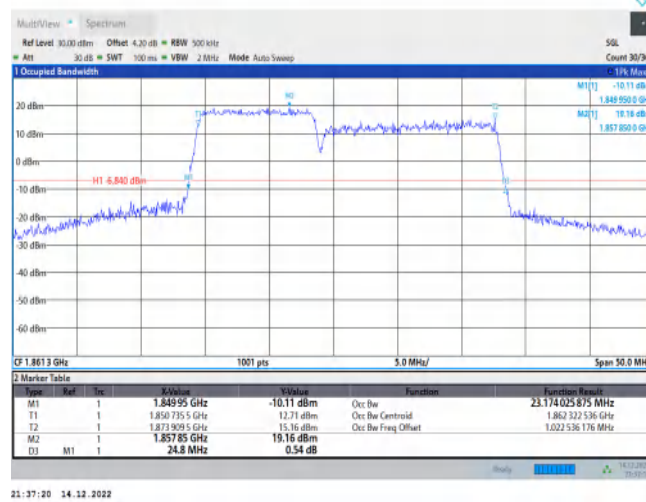
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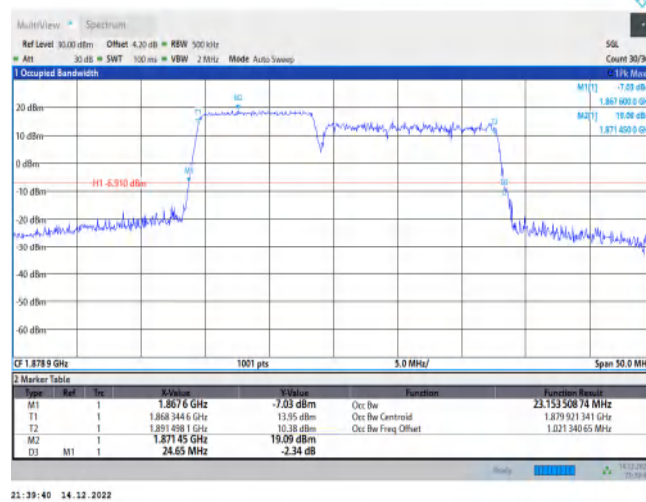
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Test Graphs

2-2-10MHz-15MHz-QPSK-QPSK-18653-18773-50RB#0-75RB#0



2-2-10MHz-15MHz-QPSK-QPSK-18829-18949-50RB#0-75RB#0



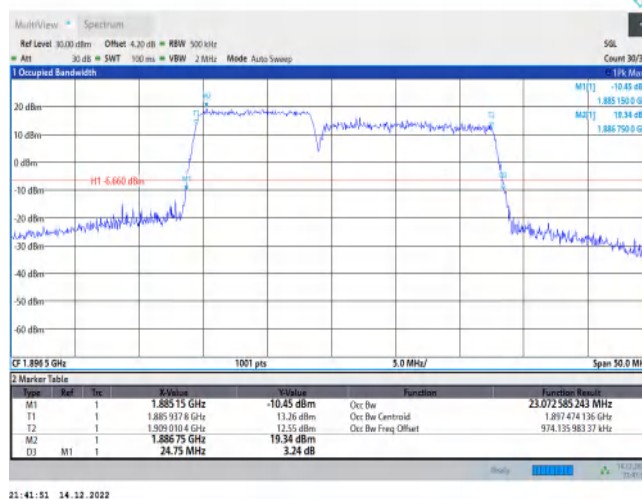
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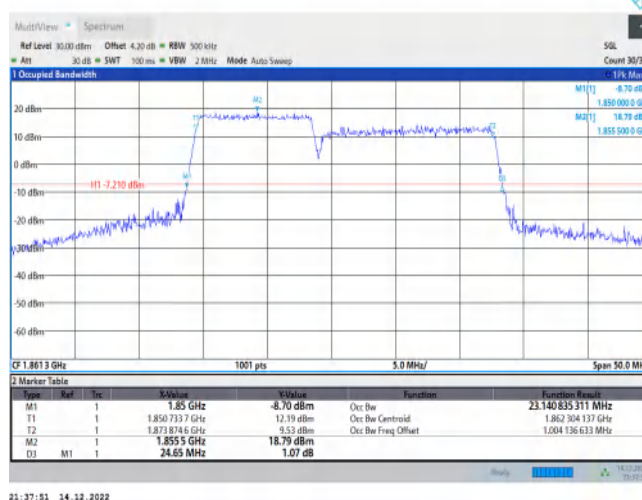
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2-2-10MHz-15MHz-QPSK-QPSK-19005-19125-50RB#0-75RB#0



2-2-10MHz-15MHz-16QAM-16QAM-18653-18773-50RB#0-75RB#0



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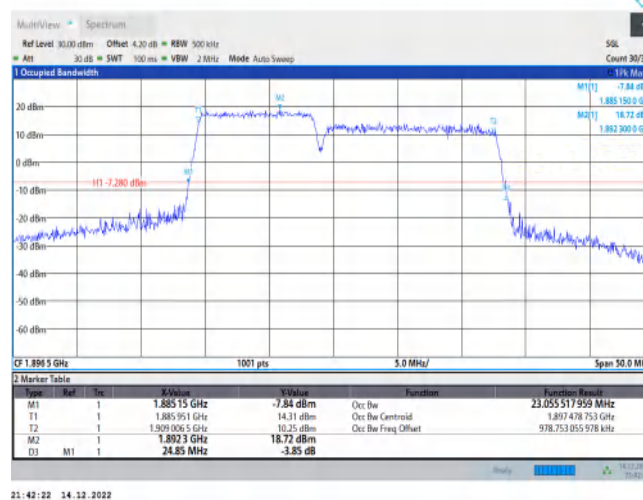
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2-2-10MHz-15MHz-16QAM-16QAM-18829-18949-50RB#0-75RB#0



2-2-10MHz-15MHz-16QAM-16QAM-19005-19125-50RB#0-75RB#0



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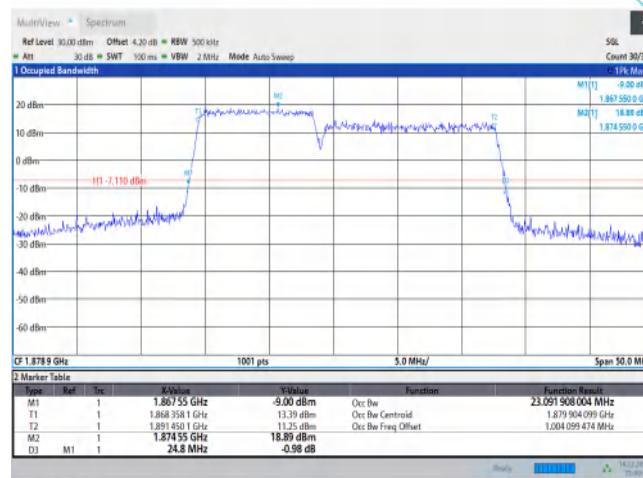
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2-2-10MHz-15MHz-64QAM-64QAM-18653-18773-50RB#0-75RB#0



21:38:22 14.12.2022

2-2-10MHz-15MHz-64QAM-64QAM-18829-18949-50RB#0-75RB#0



21:40:43 14.12.2022



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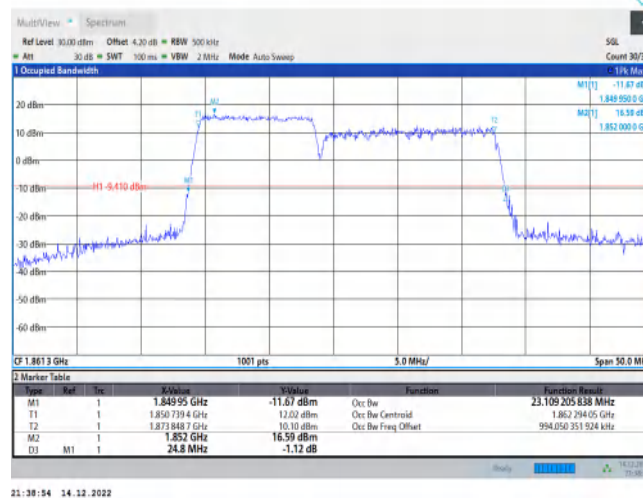
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2-2-10MHz-15MHz-64QAM-64QAM-19005-19125-50RB#0-75RB#0



2-2-10MHz-15MHz-256QAM-256QAM-18653-18773-50RB#0-75RB#0



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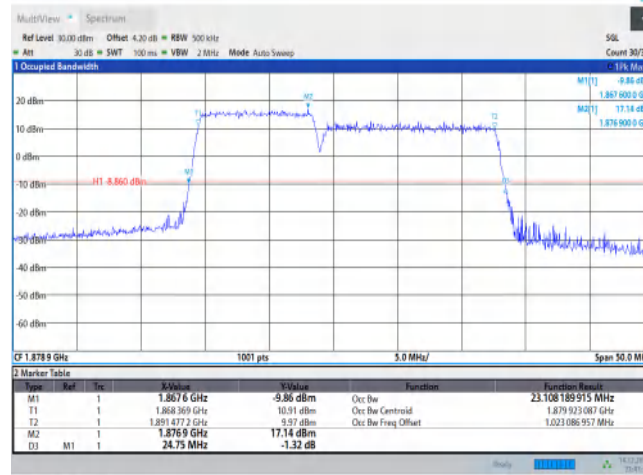
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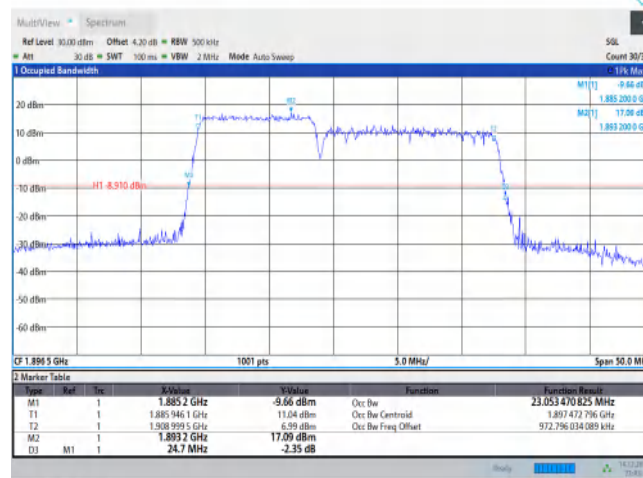
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2-2-10MHz-15MHz-256QAM-256QAM-18829-18949-50RB#0-75RB#0



21:41:14 14.12.2022

2-2-10MHz-15MHz-256QAM-256QAM-19005-19125-50RB#0-75RB#0



21:43:25 14.12.2022



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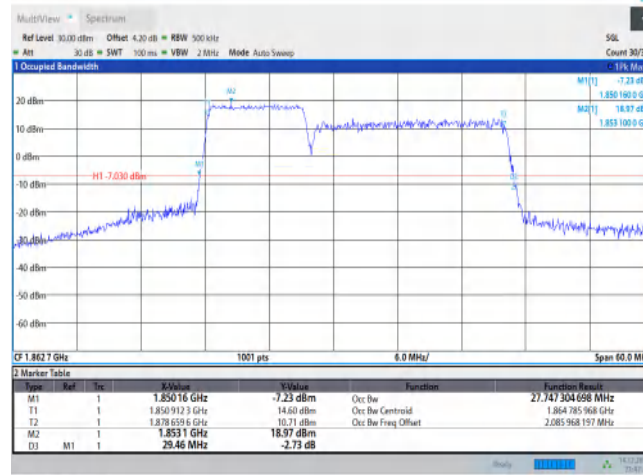
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2-2-10MHz-20MHz-QPSK-QPSK-18655-18799-50RB#0-100RB#0



21:47:29 14.12.2022

2-2-10MHz-20MHz-QPSK-QPSK-18806-18950-50RB#0-100RB#0



21:49:39 14.12.2022



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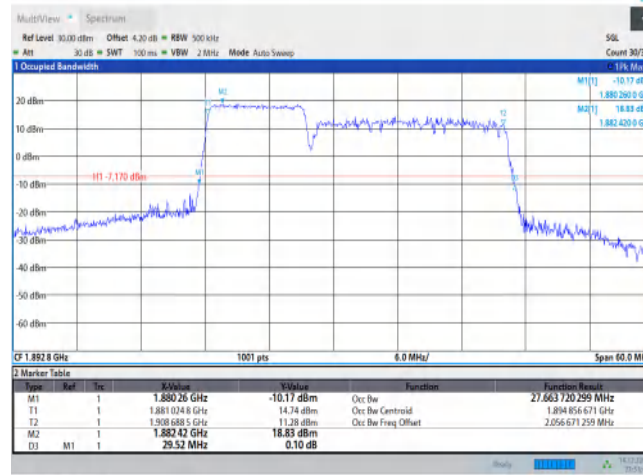
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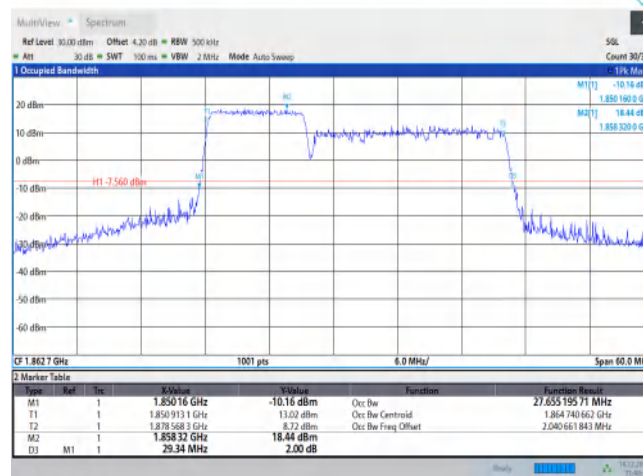
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2-2-10MHz-20MHz-QPSK-QPSK-18956-19100-50RB#0-100RB#0



21:51:50 14.12.2022

2-2-10MHz-20MHz-16QAM-16QAM-18655-18799-50RB#0-100RB#0



21:49:00 14.12.2022



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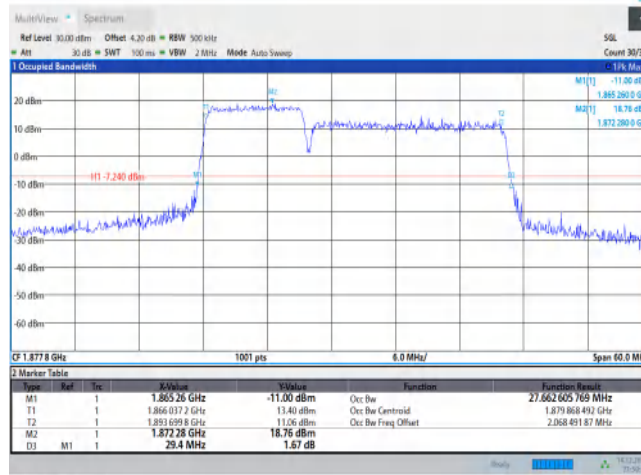
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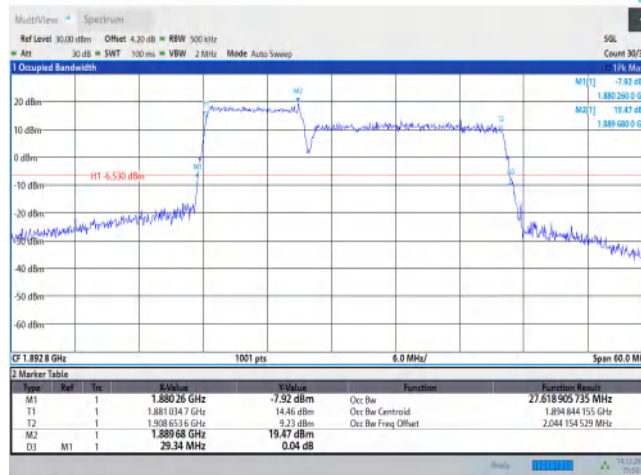
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2-2-10MHz-20MHz-16QAM-16QAM-18806-18950-50RB#0-100RB#0



21:50:11 14.12.2022

2-2-10MHz-20MHz-16QAM-16QAM-18956-19100-50RB#0-100RB#0



21:52:21 14.12.2022



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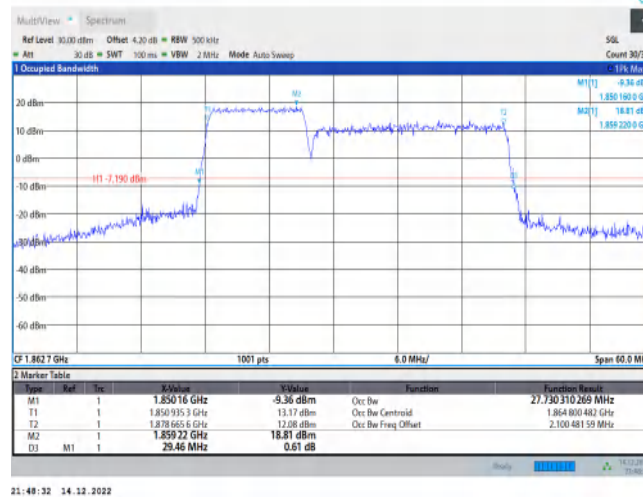
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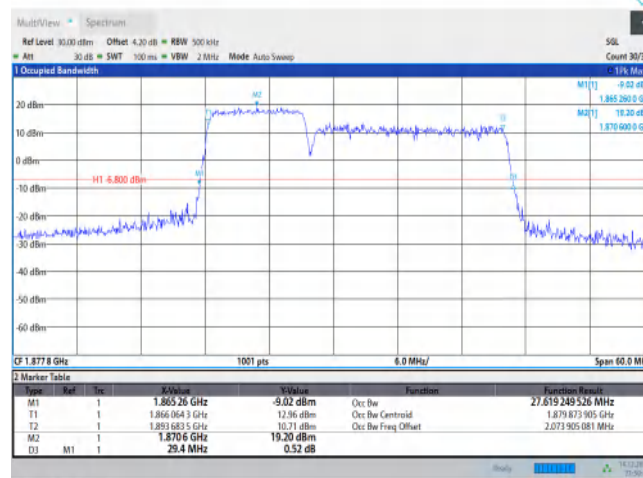
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21:48:32 14.12.2022

2-2-10MHz-20MHz-64QAM-64QAM-18806-18950-50RB#0-100RB#0



21:50:42 14.12.2022



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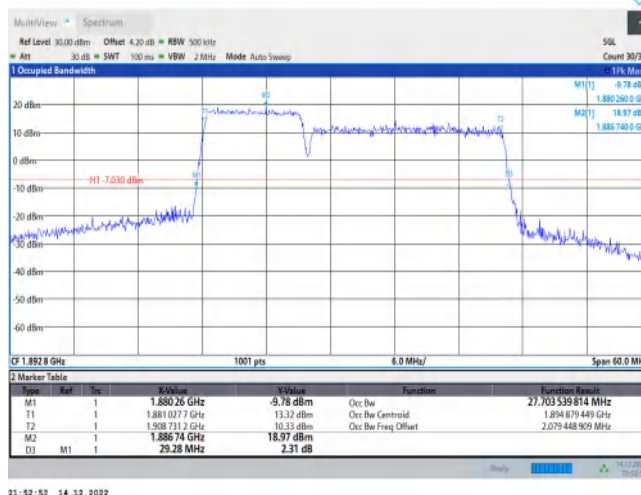
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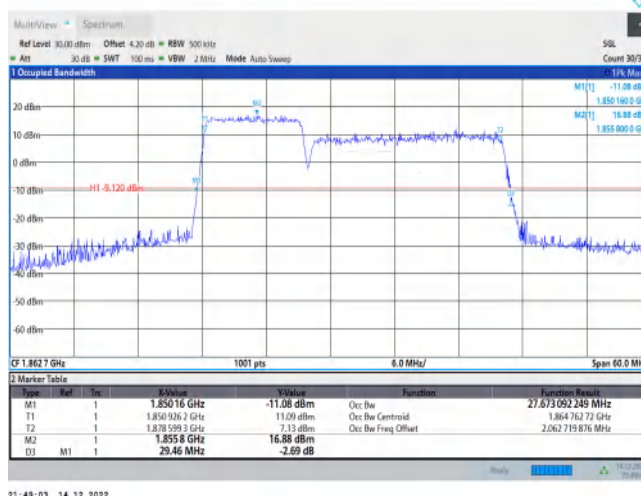
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21:52:52 14.12.2022

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21:49:03 14.12.2022



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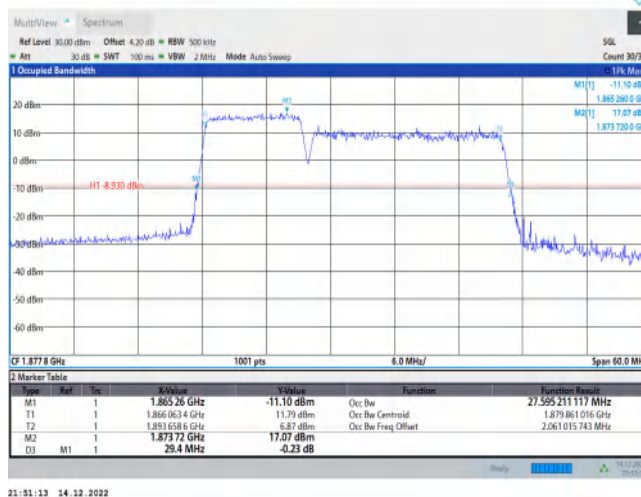
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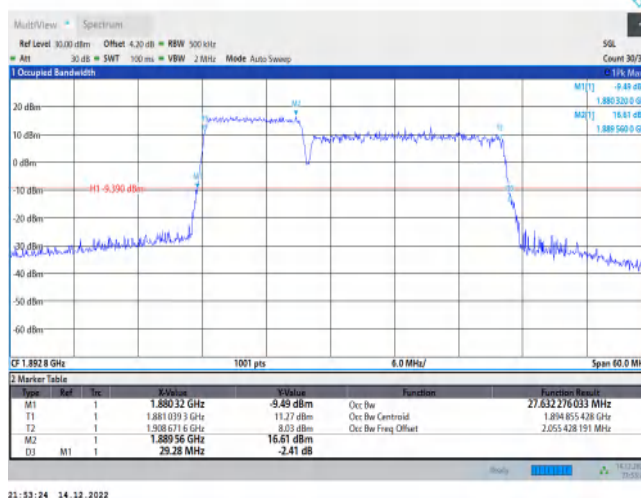
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2-2-10MHz-20MHz-256QAM-256QAM-18956-19100-50RB#0-100RB#0



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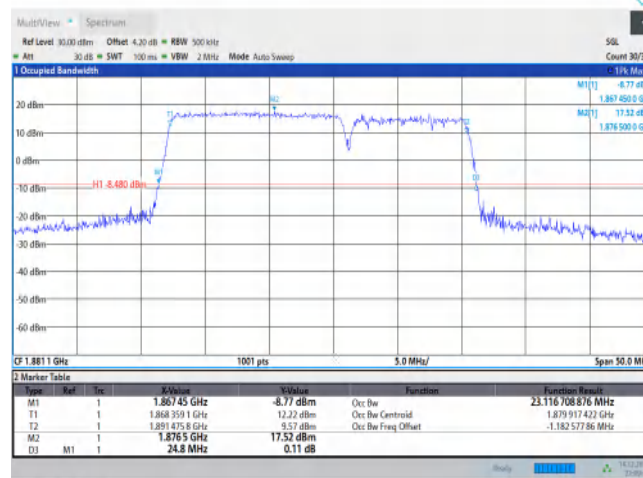
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2-2-15MHz-10MHz-QPSK-QPSK-18675-18795-75RB#0-50RB#0



22:07:34 14.12.2022

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22:09:46 14.12.2022



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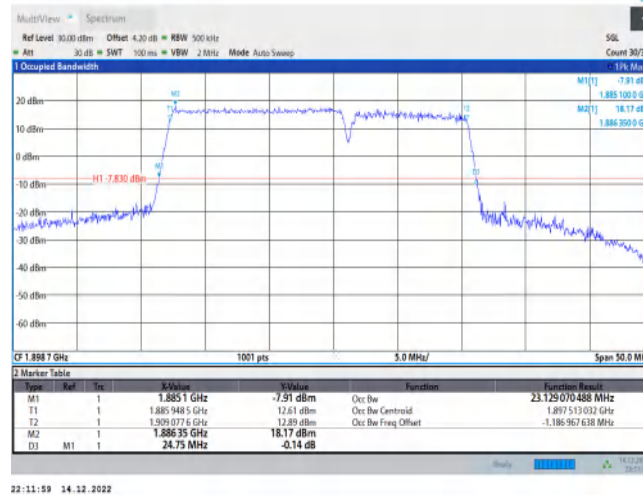
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22:11:59 14.12.2022

2-2-15MHz-10MHz-16QAM-16QAM-18675-18795-75RB#0-50RB#0



22:08:05 14.12.2022



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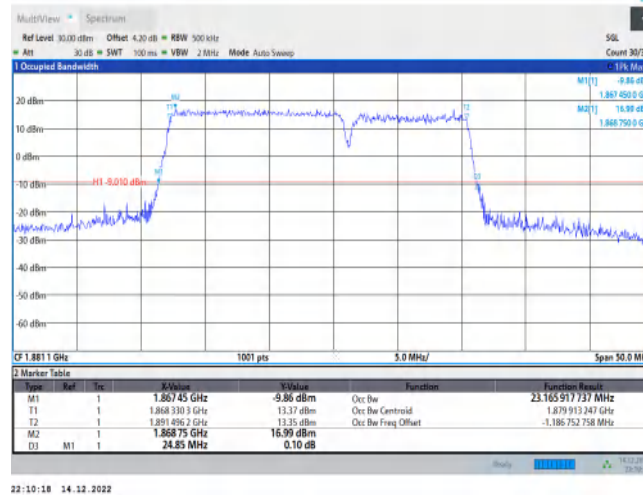
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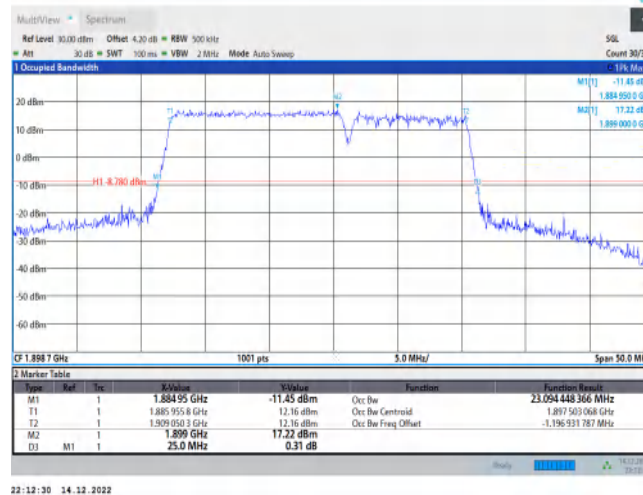
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2-2-15MHz-10MHz-16QAM-16QAM-19027-19147-75RB#0-50RB#0



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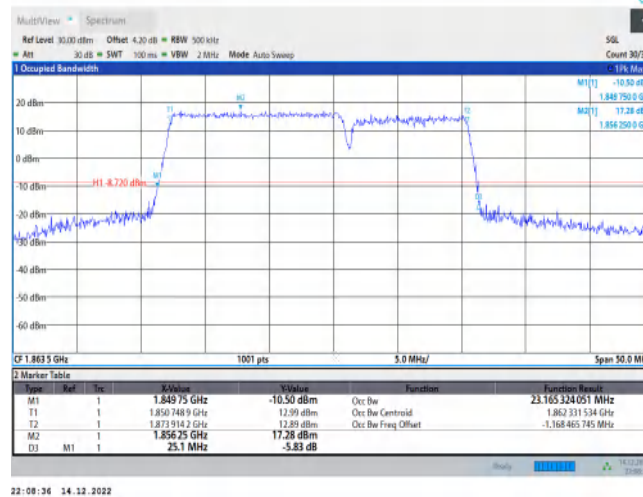
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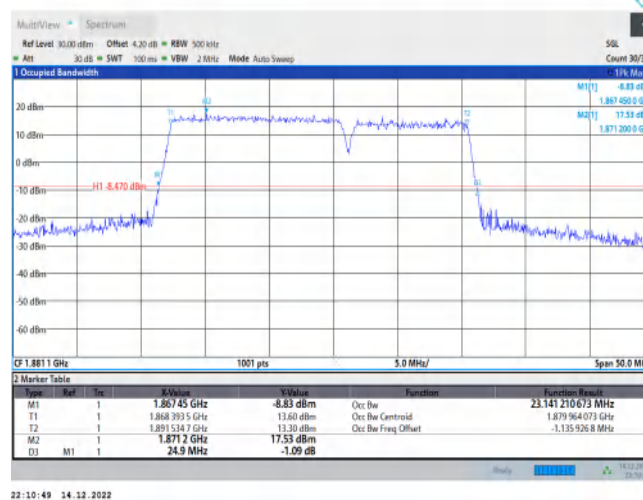
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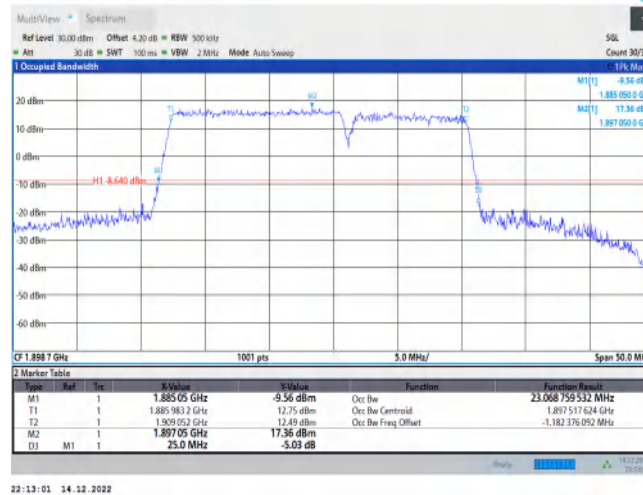
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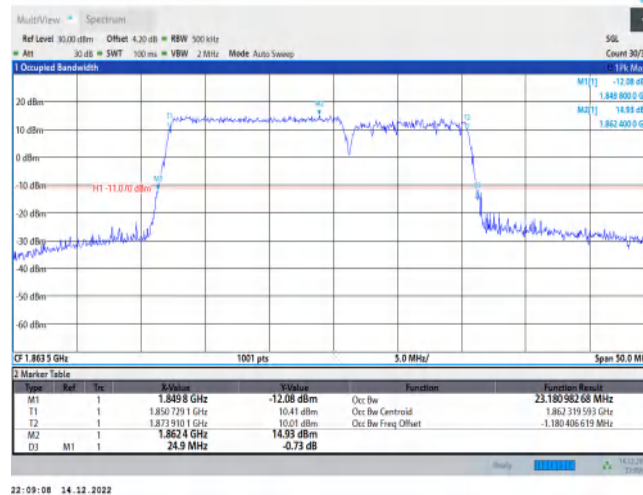
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2-2-15MHz-10MHz-256QAM-256QAM-18675-18795-75RB#0-50RB#0



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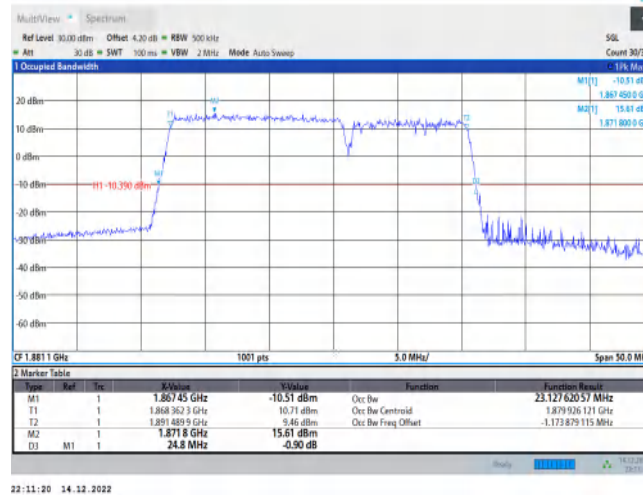
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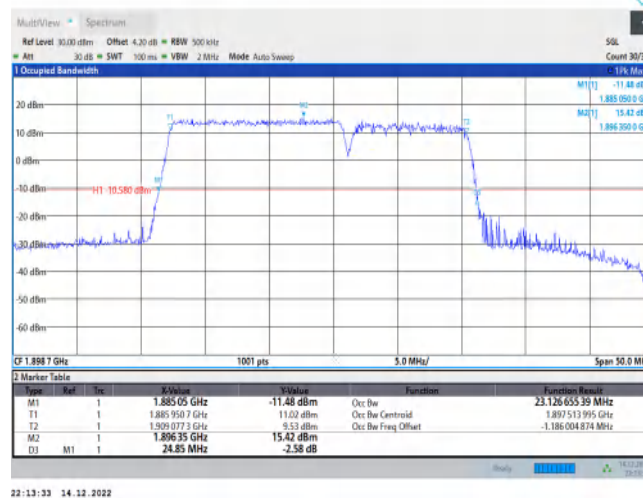
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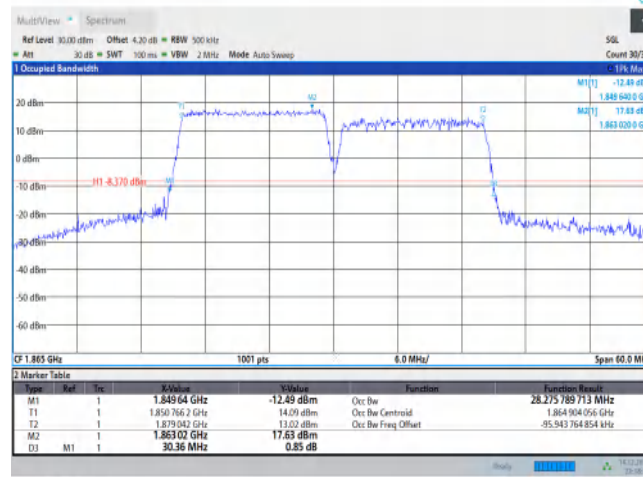
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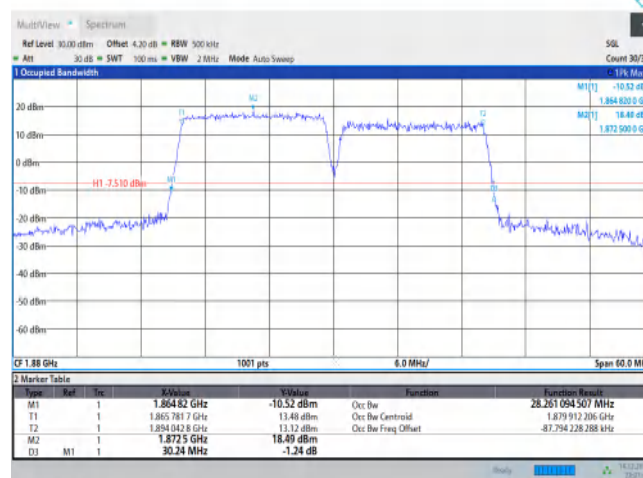
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2-2-15MHz-15MHz-QPSK-QPSK-18675-18825-75RB#0-75RB#0



22:18:57 14.12.2022

2-2-15MHz-15MHz-QPSK-QPSK-18825-18975-75RB#0-75RB#0



22:21:07 14.12.2022



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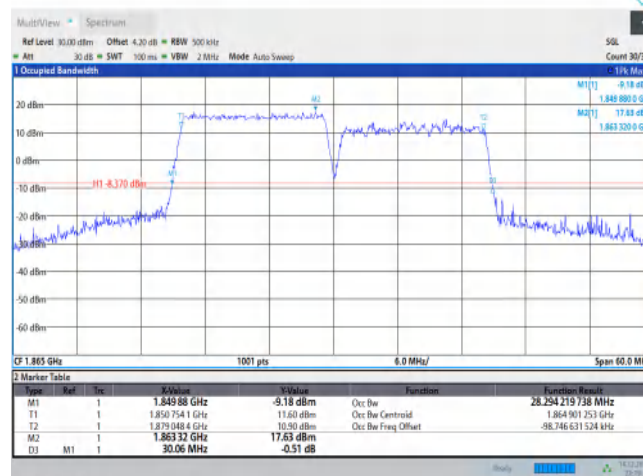
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22:23:18 14.12.2022

2-2-15MHz-15MHz-16QAM-16QAM-18675-18825-75RB#0-75RB#0



22:19:28 14.12.2022



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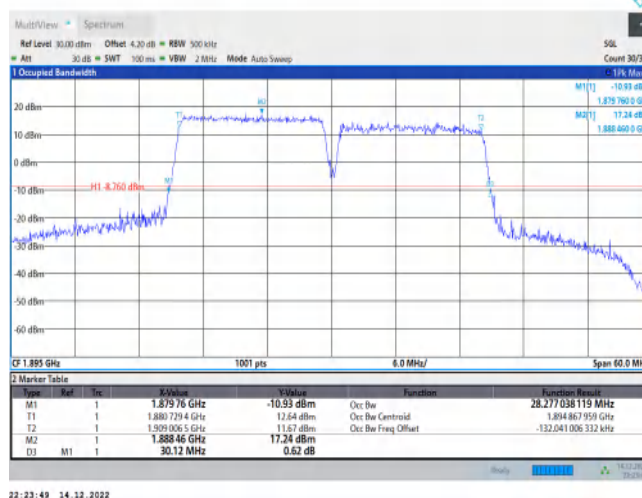
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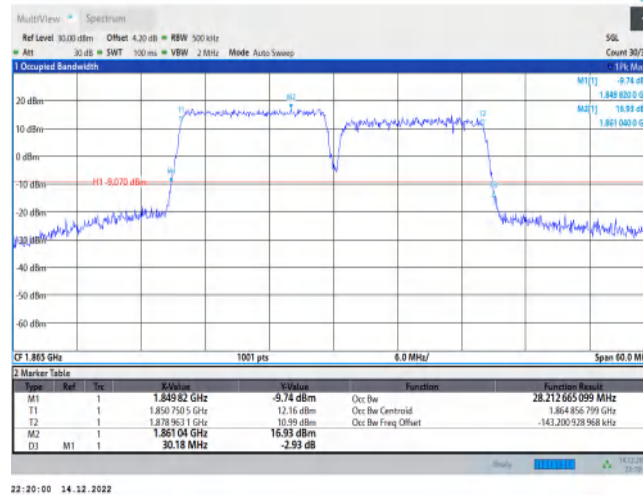
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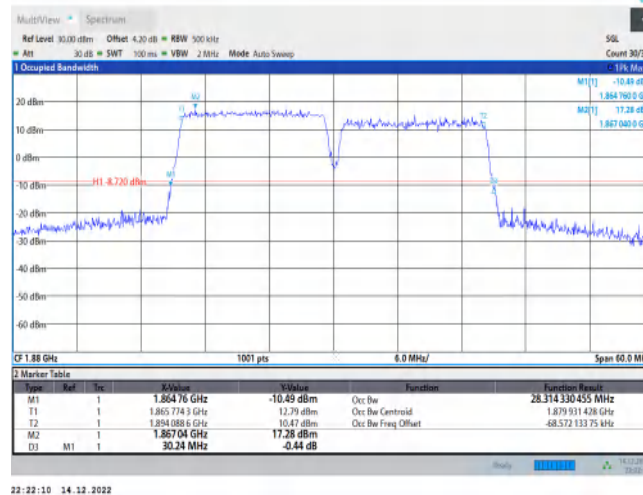
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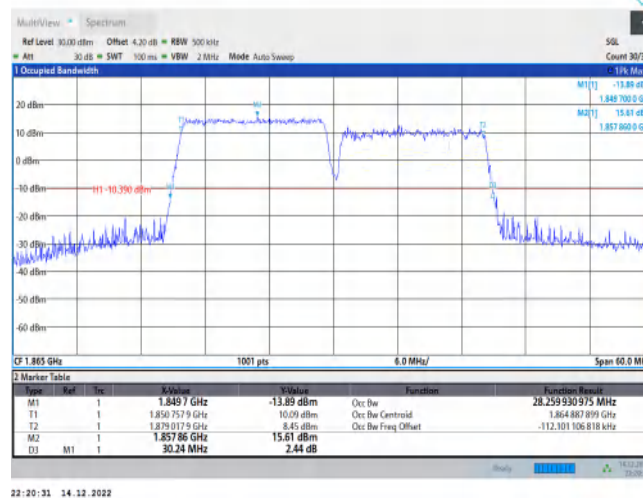
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2-2-15MHz-15MHz-256QAM-256QAM-18675-18825-75RB#0-75RB#0



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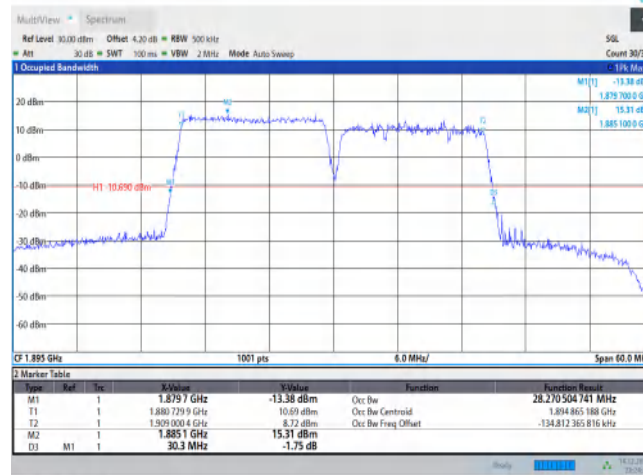
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22:22:42 14.12.2022

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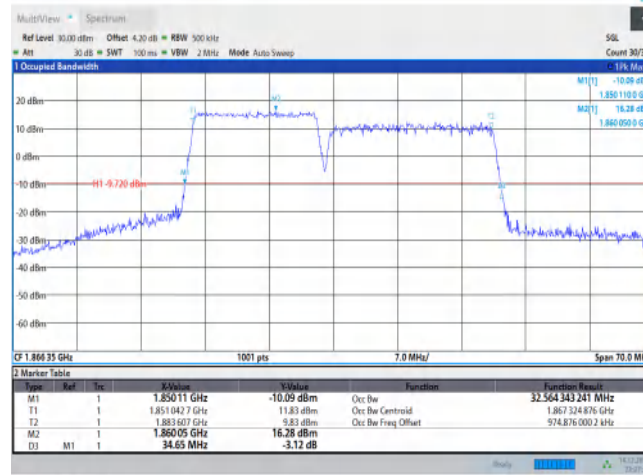
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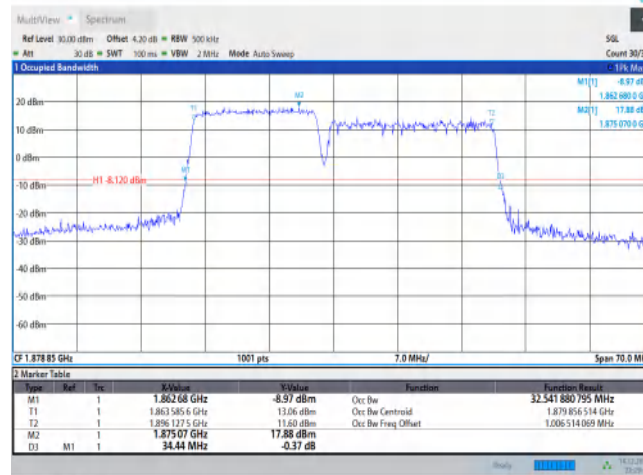
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22:29:44 14.12.2022



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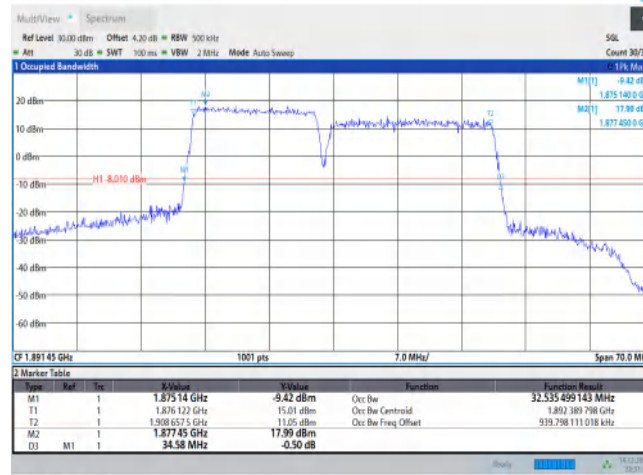
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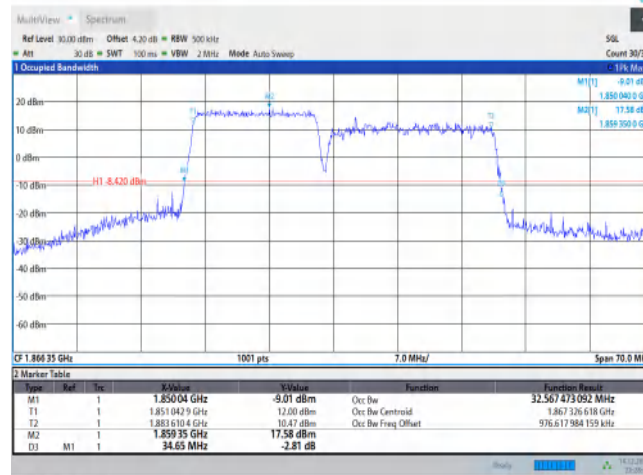
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2-2-15MHz-20MHz-QPSK-QPSK-18929-19100-75RB#0-100RB#0



22:31:57 14.12.2022

2-2-15MHz-20MHz-16QAM-16QAM-18678-18849-75RB#0-100RB#0



22:28:05 14.12.2022



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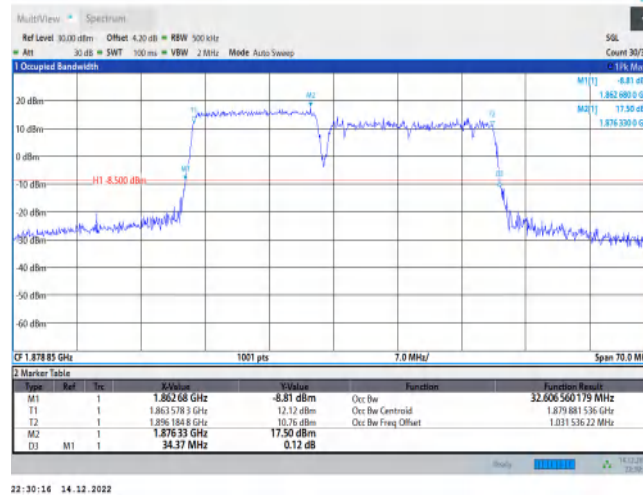
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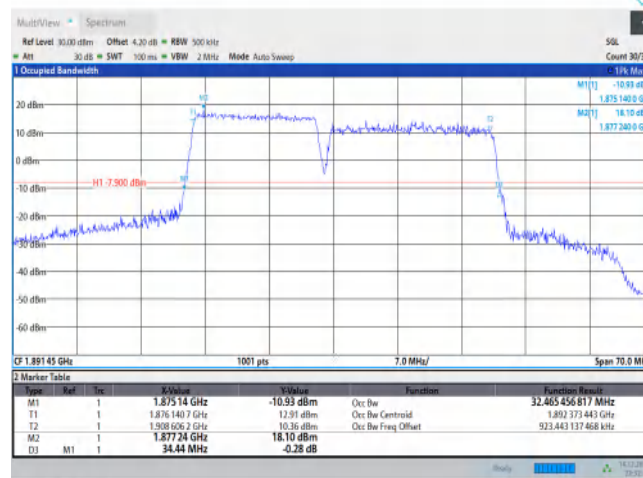
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22:30:16 14.12.2022

2-2-15MHz-20MHz-16QAM-16QAM-18929-19100-75RB#0-100RB#0



22:32:28 14.12.2022



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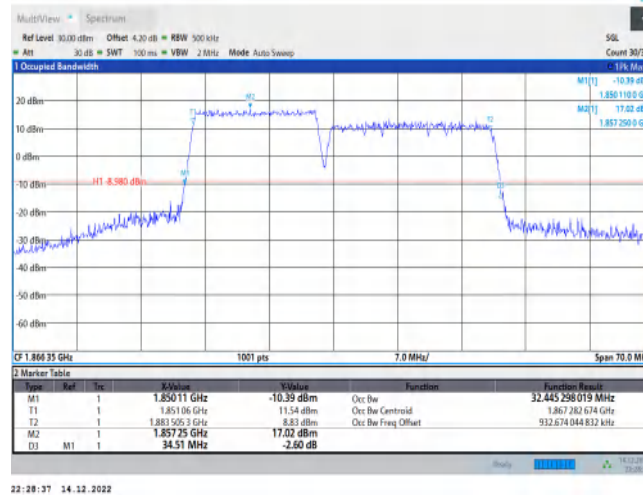
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2-2-15MHz-20MHz-64QAM-64QAM-18803-18974-75RB#0-100RB#0



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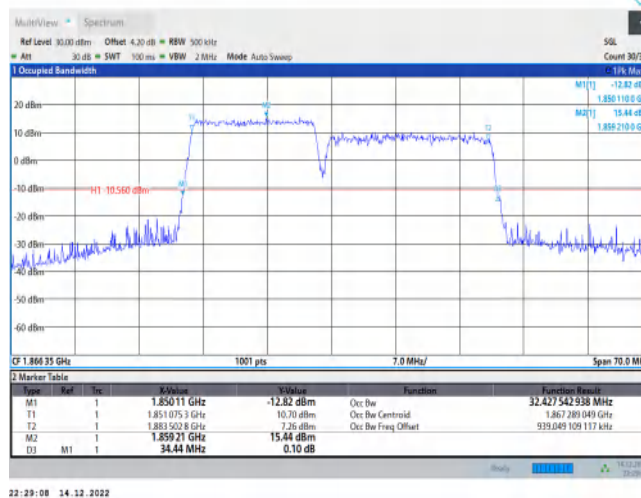
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2-2-15MHz-20MHz-64QAM-64QAM-18929-19100-75RB#0-100RB#0



2-2-15MHz-20MHz-256QAM-256QAM-18678-18849-75RB#0-100RB#0



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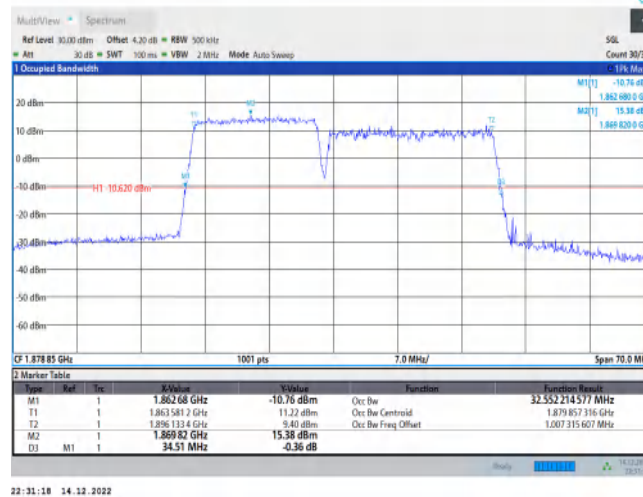
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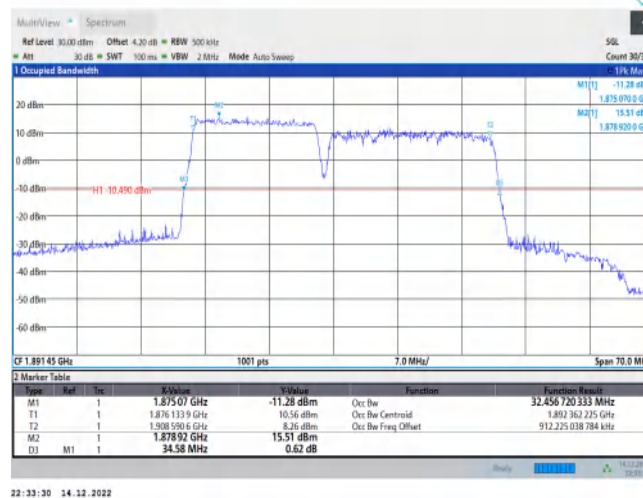
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2-2-15MHz-20MHz-256QAM-256QAM-18929-19100-75RB#0-100RB#0



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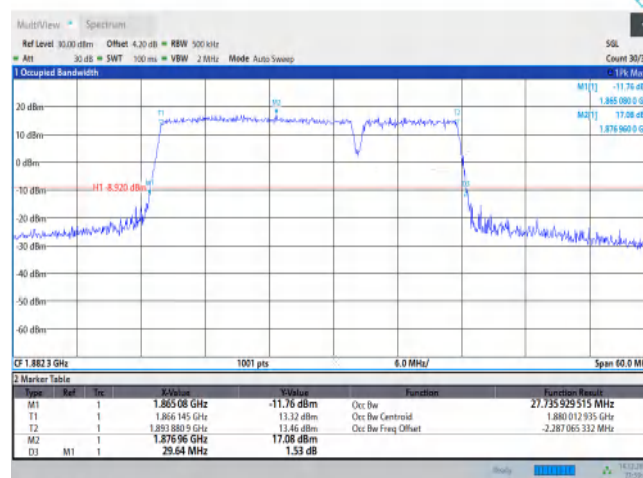
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21:57:35 14.12.2022

2-2-20MHz-10MHz-QPSK-QPSK-18851-18995-100RB#0-50RB#0



21:59:45 14.12.2022



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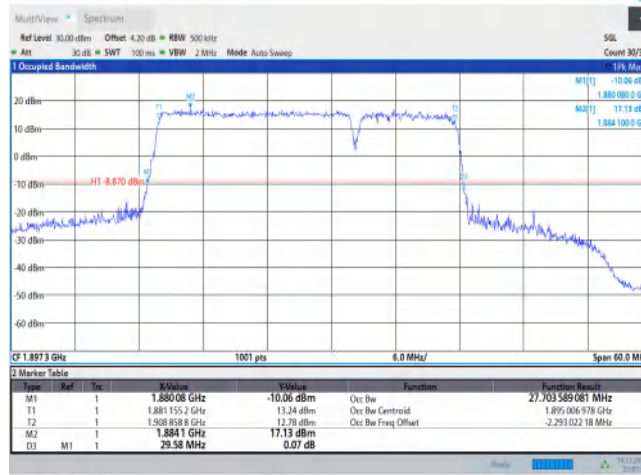
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2-2-20MHz-10MHz-16QAM-16QAM-18700-18844-100RB#0-50RB#0



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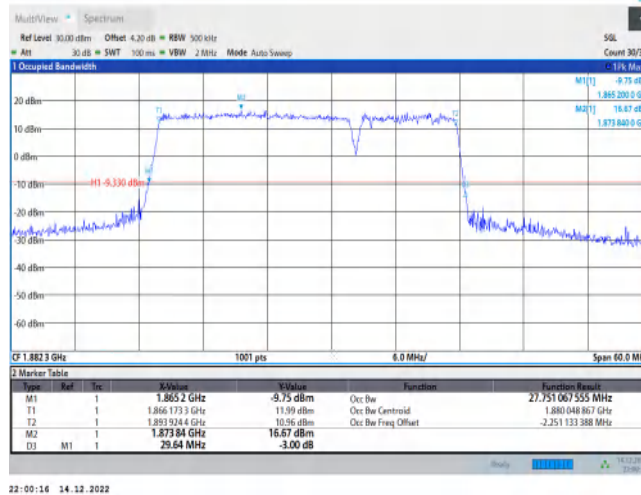
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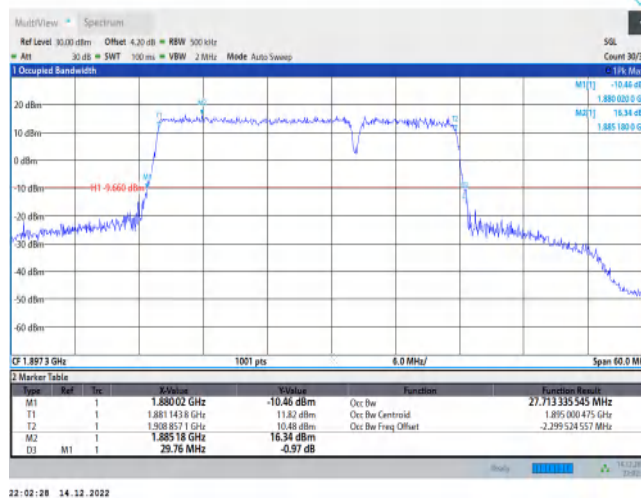
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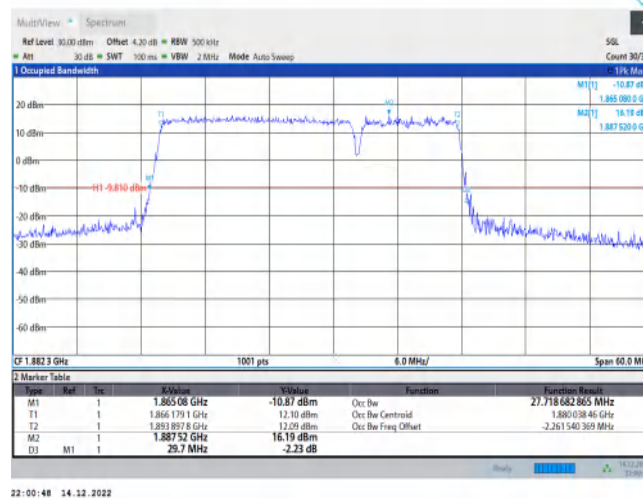
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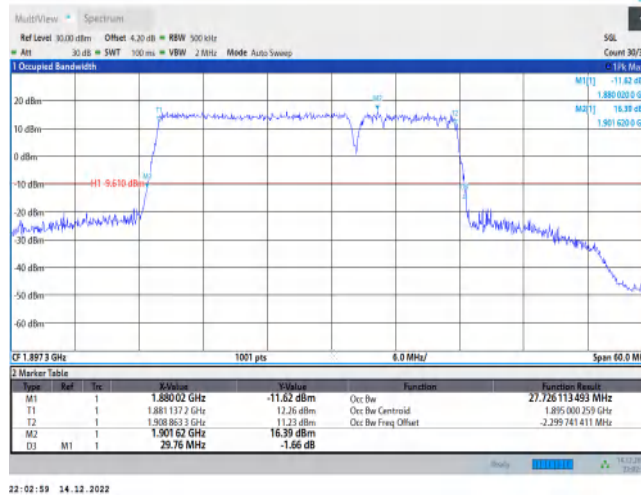
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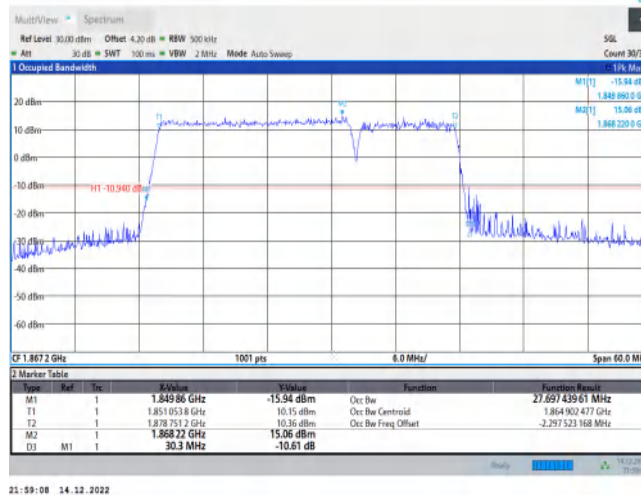
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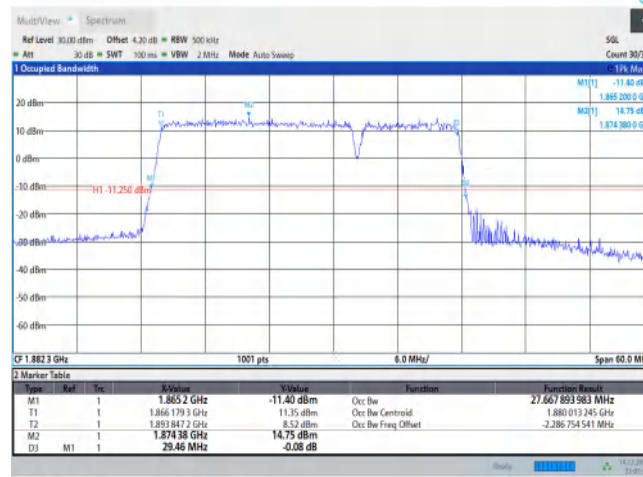
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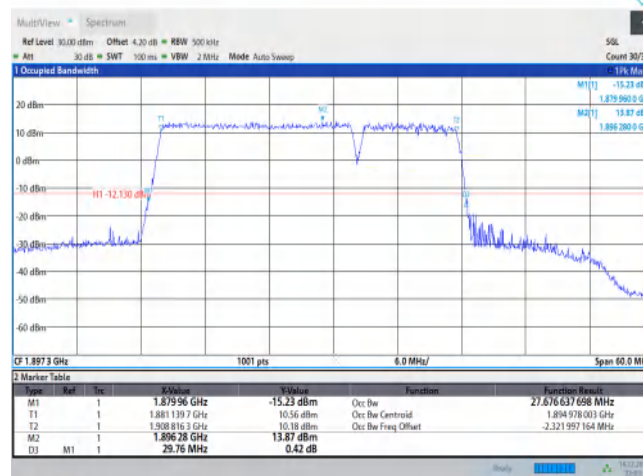
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22:03:31 14.12.2022



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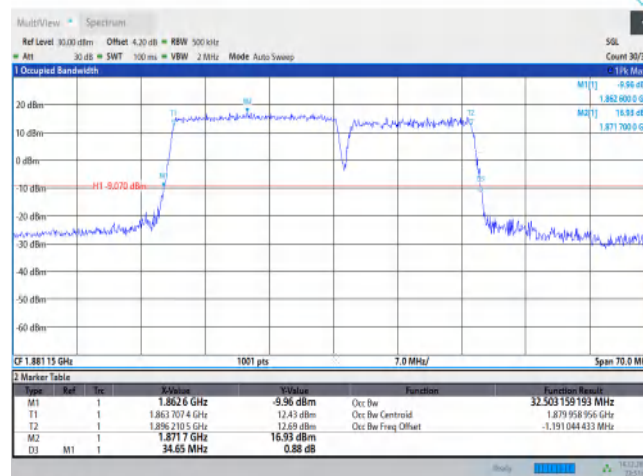
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2-2-20MHz-15MHz-QPSK-QPSK-18700-18871-100RB#0-75RB#0



22:48:12 14.12.2022

2-2-20MHz-15MHz-QPSK-QPSK-18826-18997-100RB#0-75RB#0



22:51:09 14.12.2022



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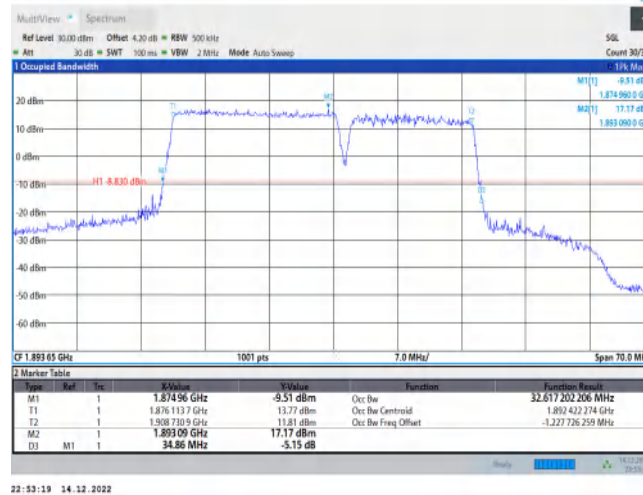
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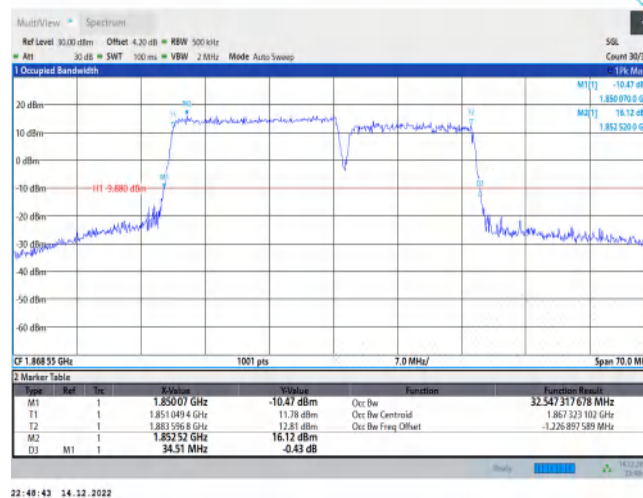
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2-2-20MHz-15MHz-QPSK-QPSK-18951-19122-100RB#0-75RB#0



2-2-20MHz-15MHz-16QAM-16QAM-18700-18871-100RB#0-75RB#0



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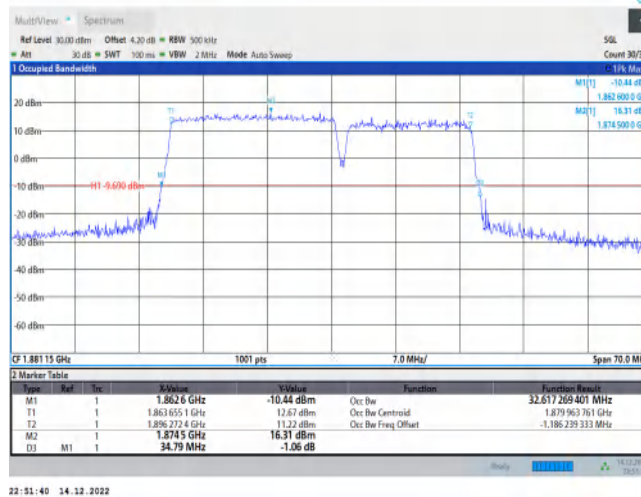
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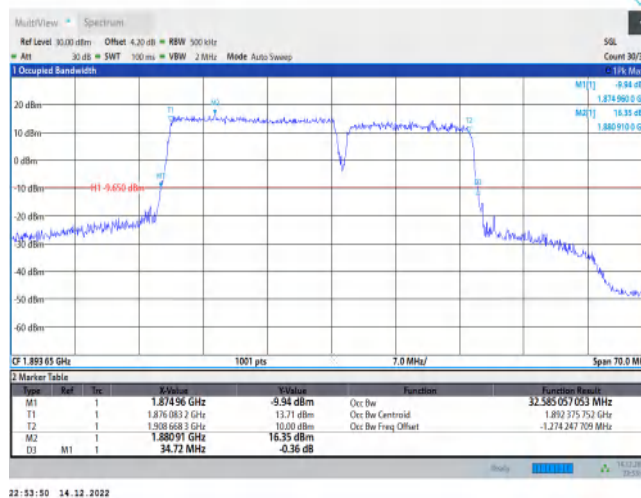
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2-2-20MHz-15MHz-16QAM-16QAM-18826-18997-100RB#0-75RB#0



2-2-20MHz-15MHz-16QAM-16QAM-18951-19122-100RB#0-75RB#0



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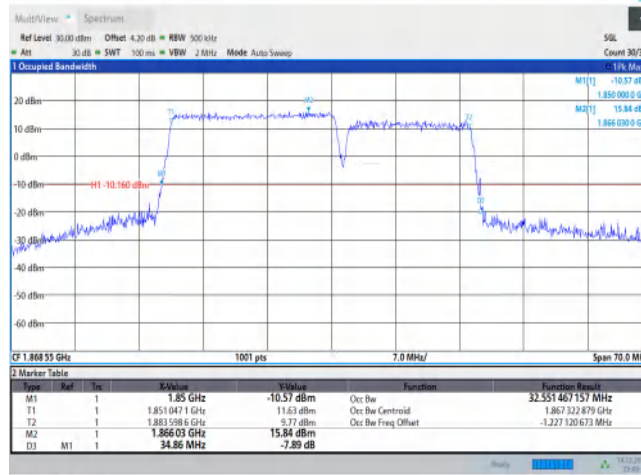
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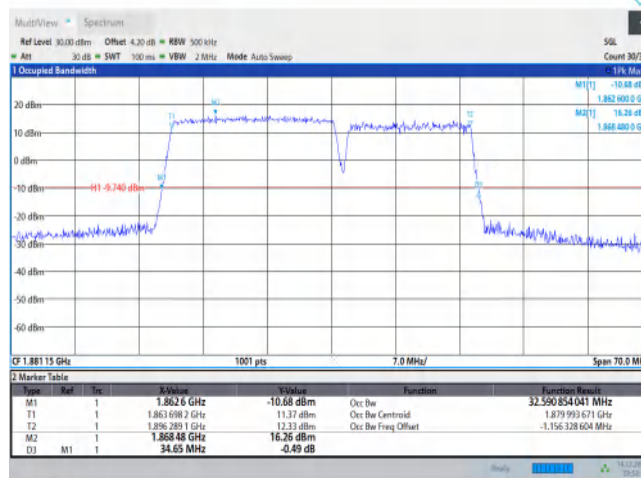
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2-2-20MHz-15MHz-64QAM-64QAM-18700-18871-100RB#0-75RB#0



2-2-20MHz-15MHz-64QAM-64QAM-18826-18997-100RB#0-75RB#0



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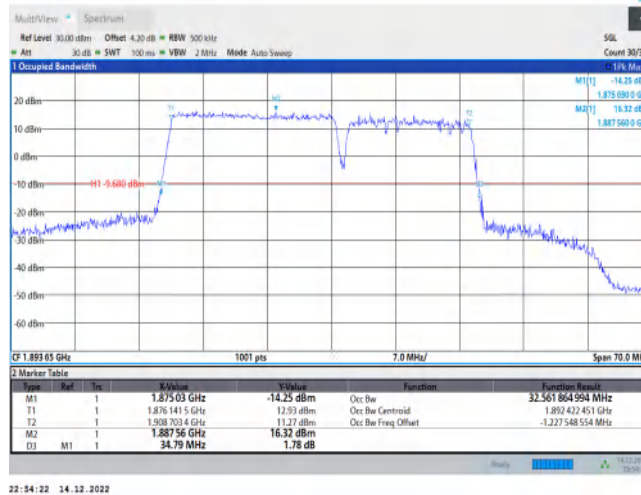
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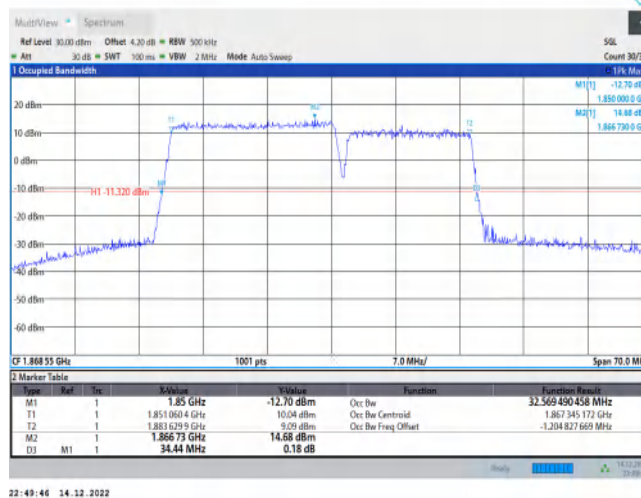
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2-2-20MHz-15MHz-64QAM-64QAM-18951-19122-100RB#0-75RB#0



2-2-20MHz-15MHz-256QAM-256QAM-18700-18871-100RB#0-75RB#0



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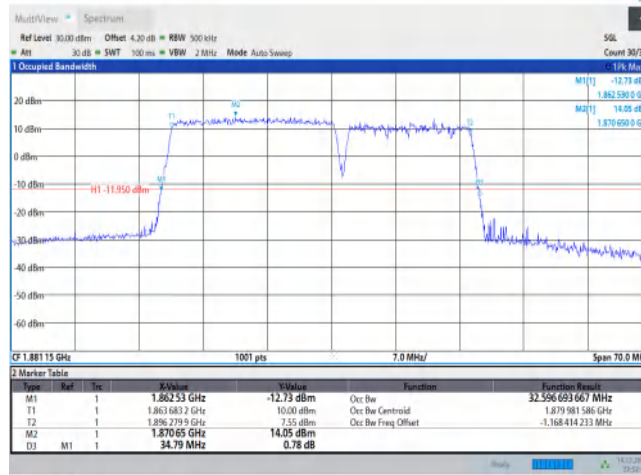
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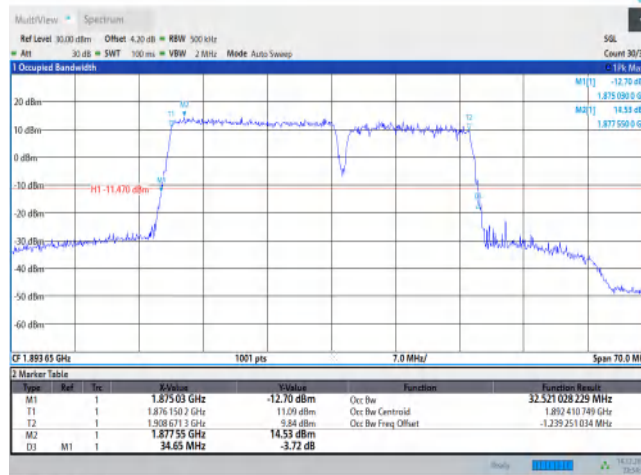
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2-2-20MHz-15MHz-256QAM-256QAM-18826-18997-100RB#0-75RB#0



22:52:43 14.12.2022

2-2-20MHz-15MHz-256QAM-256QAM-18951-19122-100RB#0-75RB#0



22:54:53 14.12.2022



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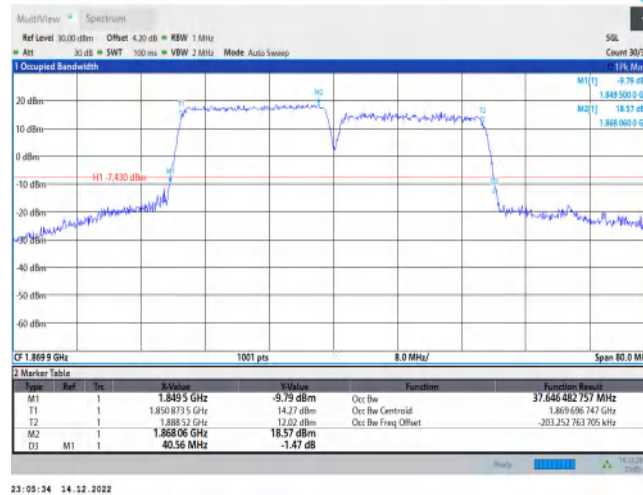
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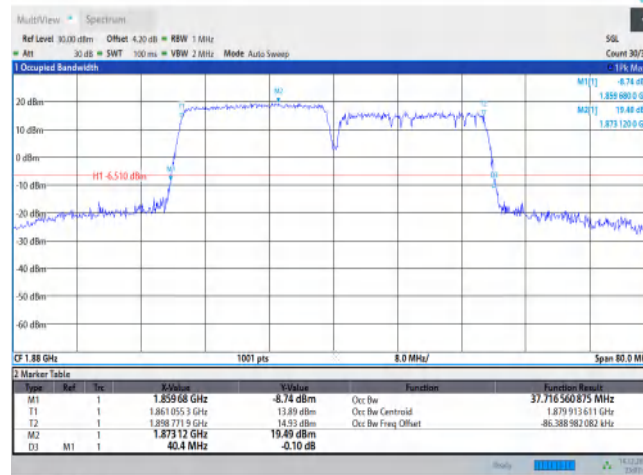
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23:05:34 14.12.2022

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23:07:44 14.12.2022



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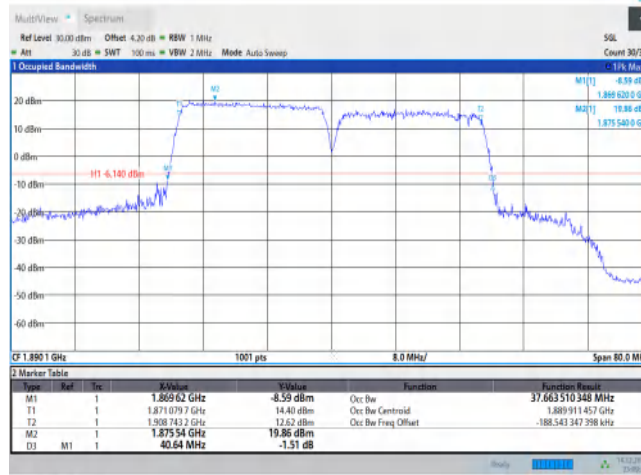
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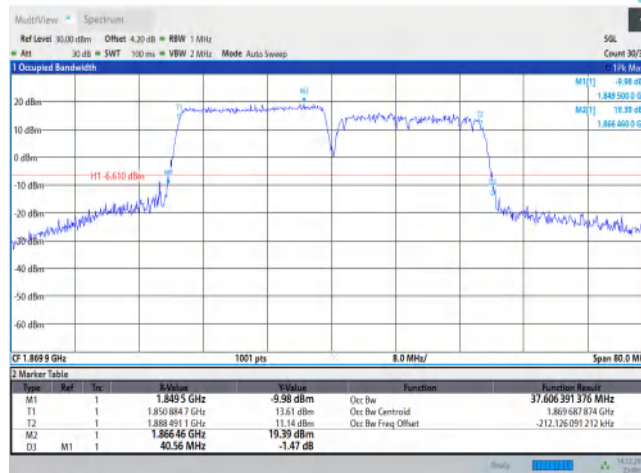
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23:09:55 14.12.2022

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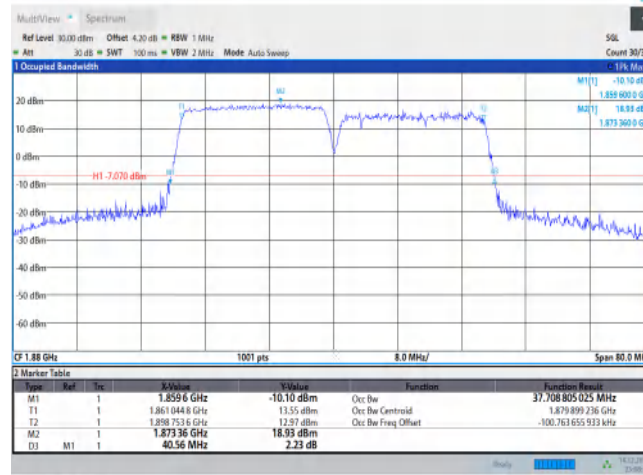
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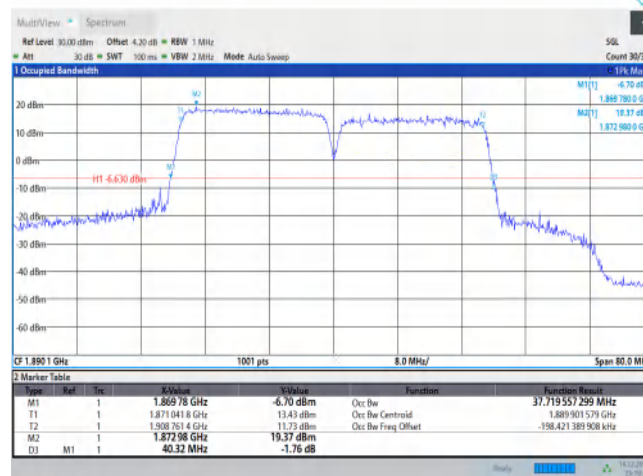
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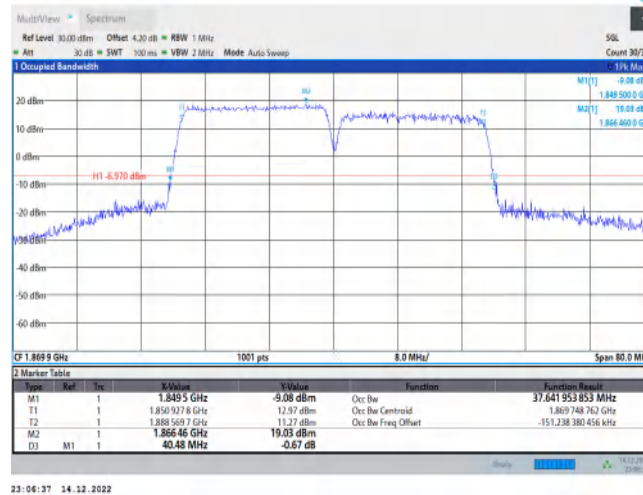
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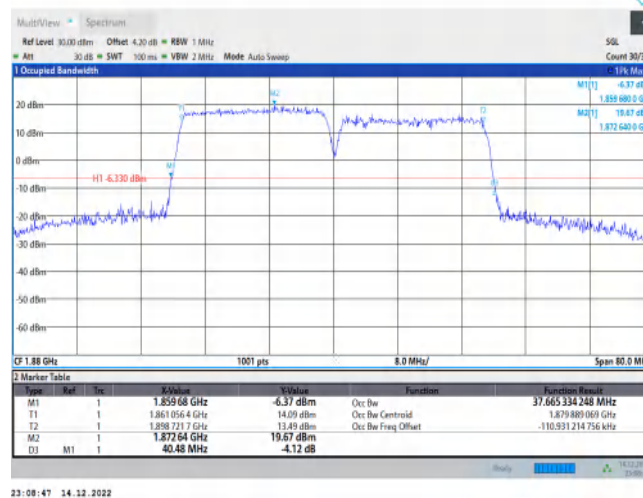
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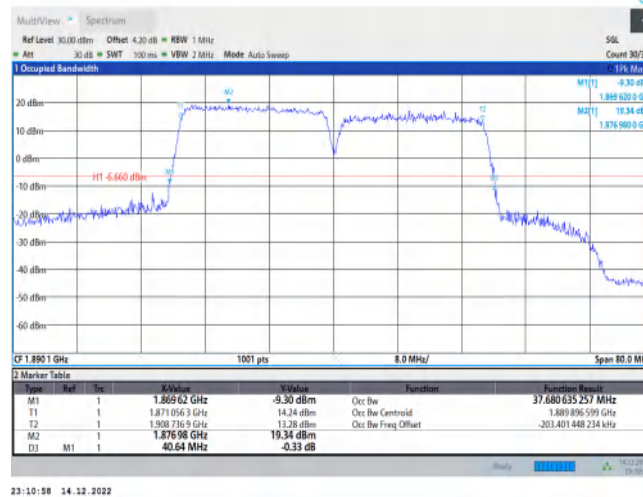
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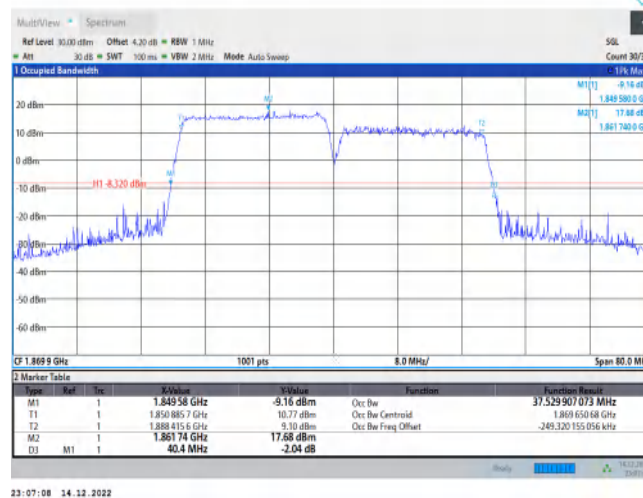
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2-2-20MHz-20MHz-64QAM-64QAM-18902-19100-100RB#0-100RB#0



2-2-20MHz-20MHz-256QAM-256QAM-18700-18898-100RB#0-100RB#0



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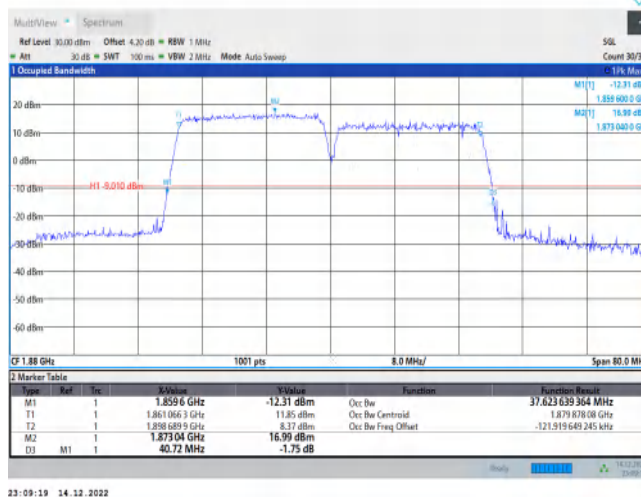
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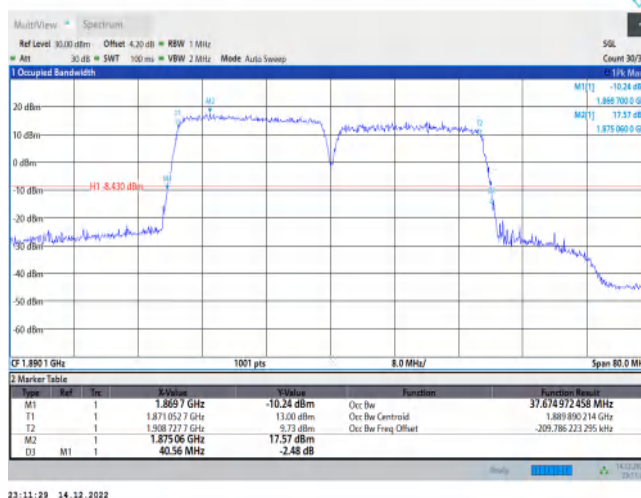
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2-2-20MHz-20MHz-256QAM-256QAM-18801-18999-100RB#0-100RB#0



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2-2-20MHz-5MHz-QPSK-QPSK-18700-18817-100RB#0-25RB#0



22:36:56 14.12.2022

2-2-20MHz-5MHz-QPSK-QPSK-18875-18992-100RB#0-25RB#0



22:39:08 14.12.2022



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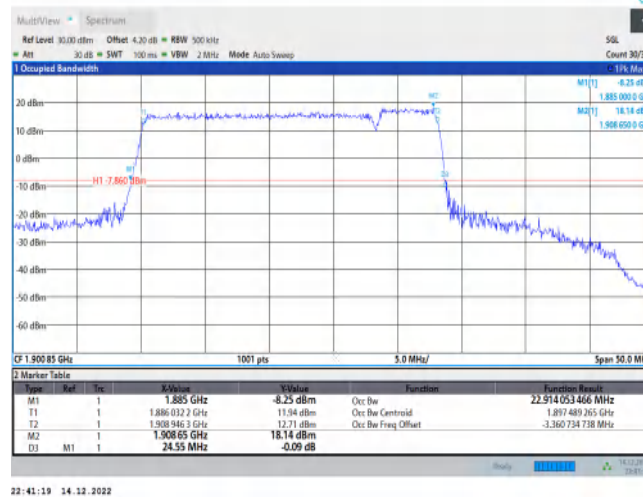
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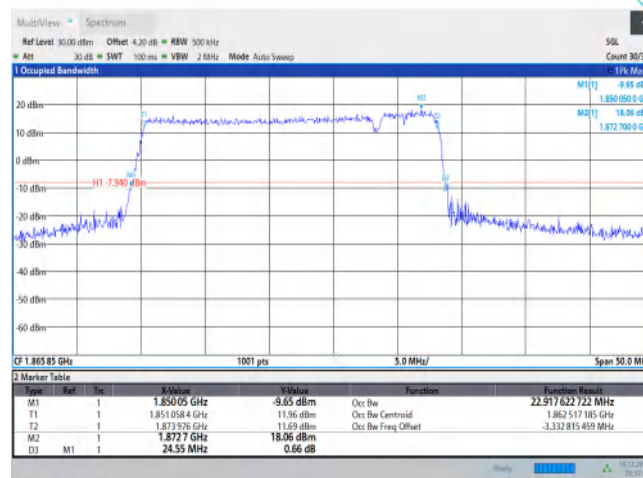
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2-2-20MHz-5MHz-QPSK-QPSK-19050-19167-100RB#0-25RB#0



22:41:19 14.12.2022

2-2-20MHz-5MHz-16QAM-16QAM-18700-18817-100RB#0-25RB#0



22:37:27 14.12.2022



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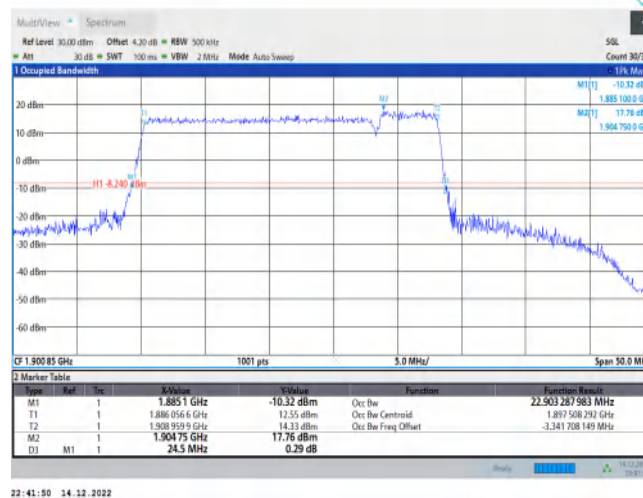
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2-2-20MHz-5MHz-16QAM-16QAM-18875-18992-100RB#0-25RB#0



2-2-20MHz-5MHz-16QAM-16QAM-19050-19167-100RB#0-25RB#0



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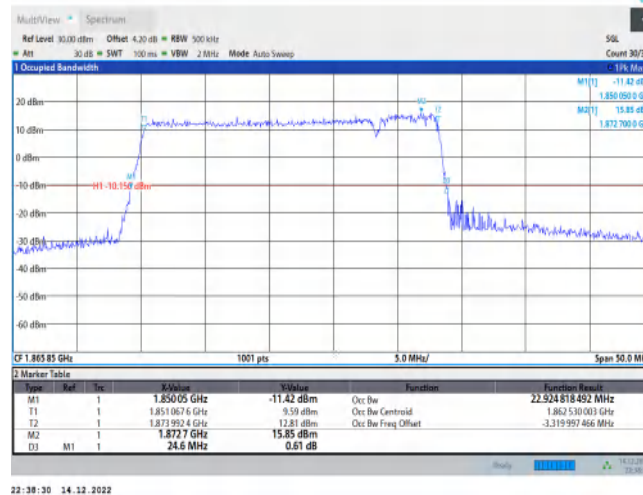
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2-2-20MHz-5MHz-64QAM-64QAM-19050-19167-100RB#0-25RB#0



2-2-20MHz-5MHz-256QAM-256QAM-18700-18817-100RB#0-25RB#0



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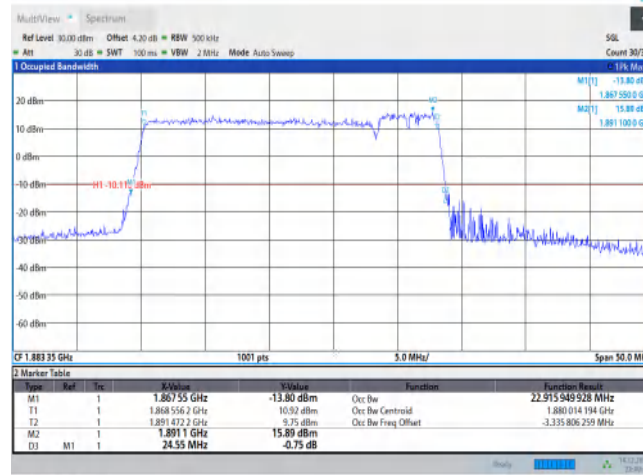
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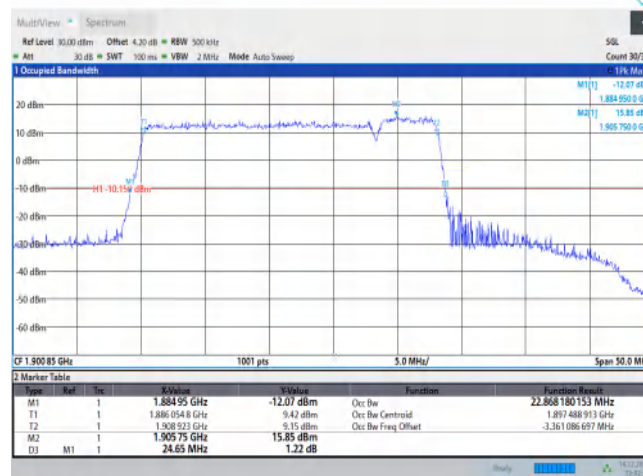
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2-2-20MHz-5MHz-256QAM-256QAM-18875-18992-100RB#0-25RB#0



22:40:42 14.12.2022

2-2-20MHz-5MHz-256QAM-256QAM-19050-19167-100RB#0-25RB#0



22:42:53 14.12.2022



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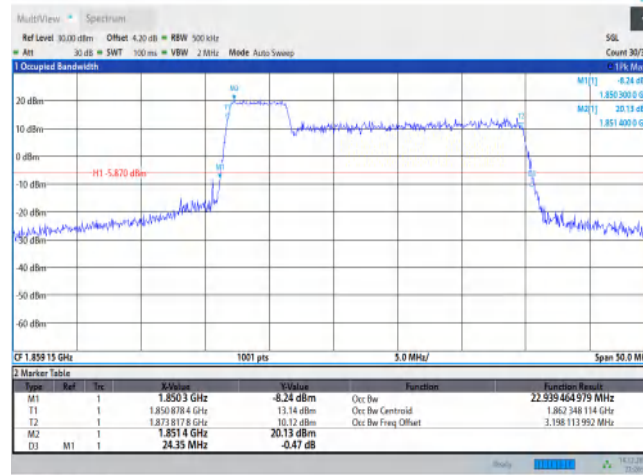
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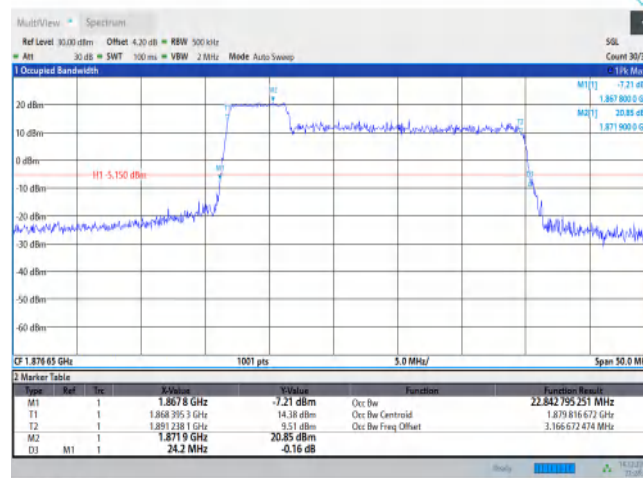
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2-2-5MHz-20MHz-QPSK-QPSK-18633-18750-25RB#0-100RB#0



2-2-5MHz-20MHz-QPSK-QPSK-18808-18925-25RB#0-100RB#0



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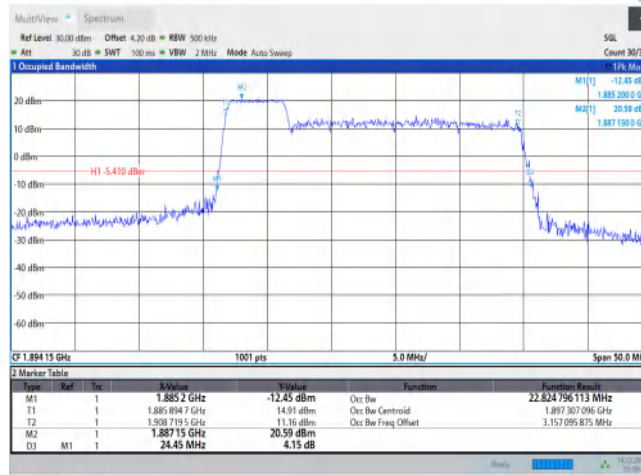
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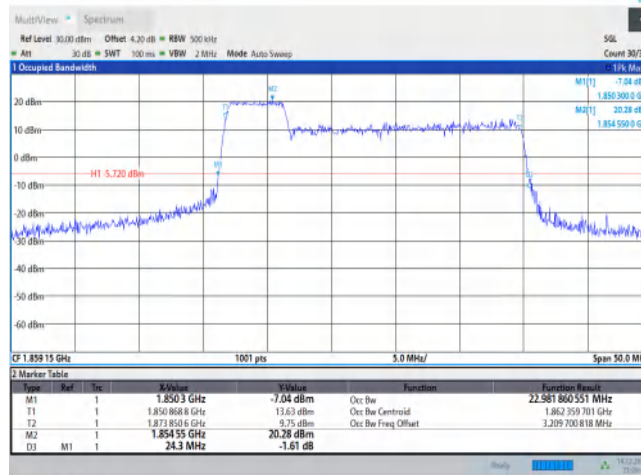
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21:30:43 14.12.2022

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21:26:42 14.12.2022



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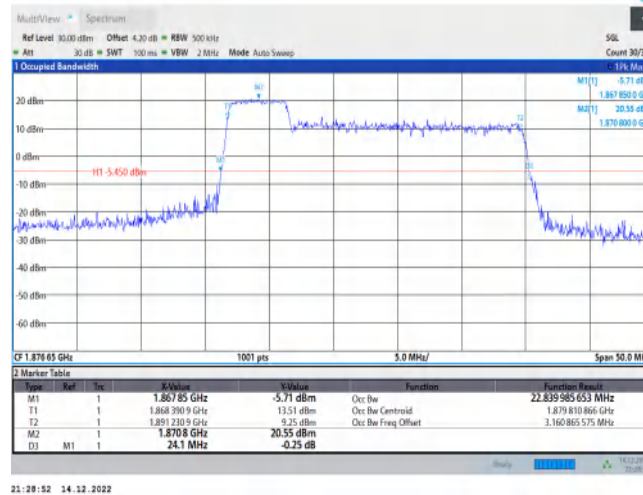
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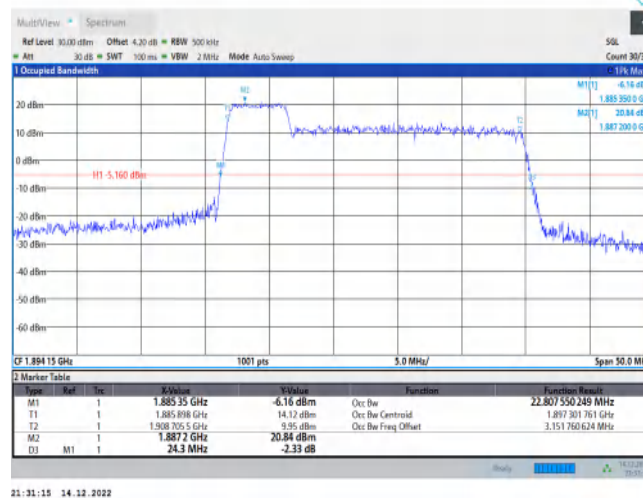
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21:31:15 14.12.2022



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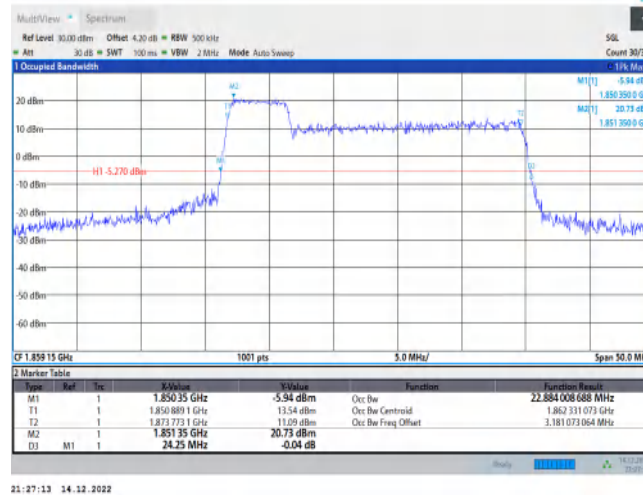
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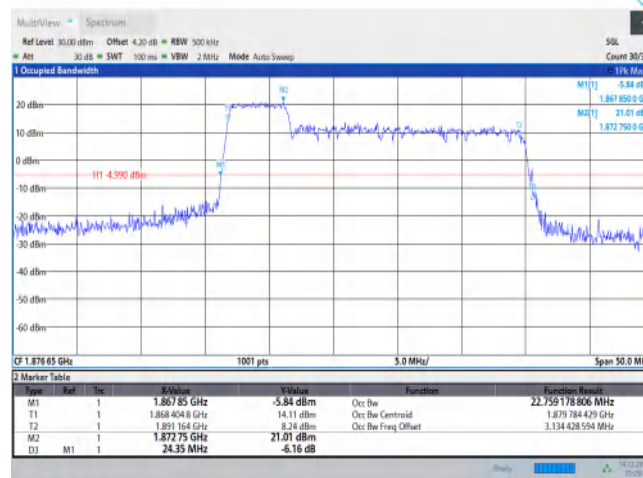
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2-2-5MHz-20MHz-64QAM-64QAM-18808-18925-25RB#0-100RB#0



21:29:23 14.12.2022



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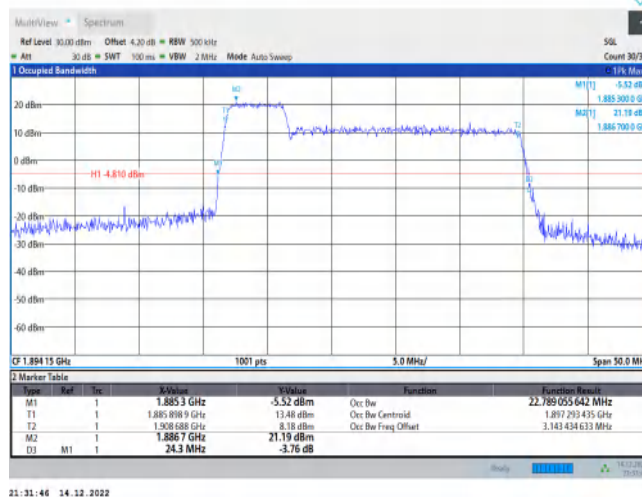
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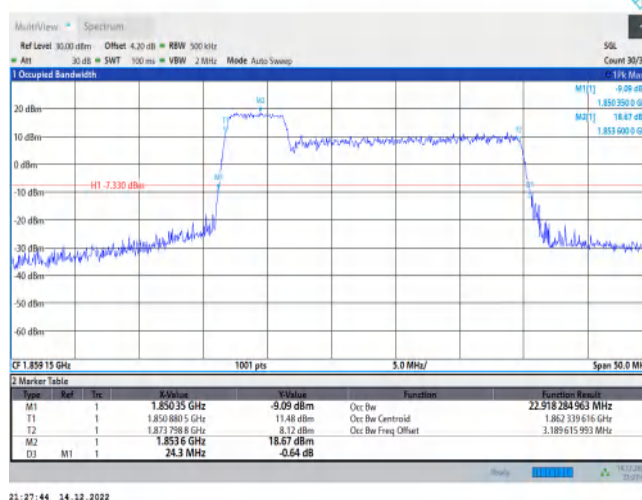
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2-2-5MHz-20MHz-64QAM-64QAM-18983-19100-25RB#0-100RB#0



2-2-5MHz-20MHz-256QAM-256QAM-18633-18750-25RB#0-100RB#0



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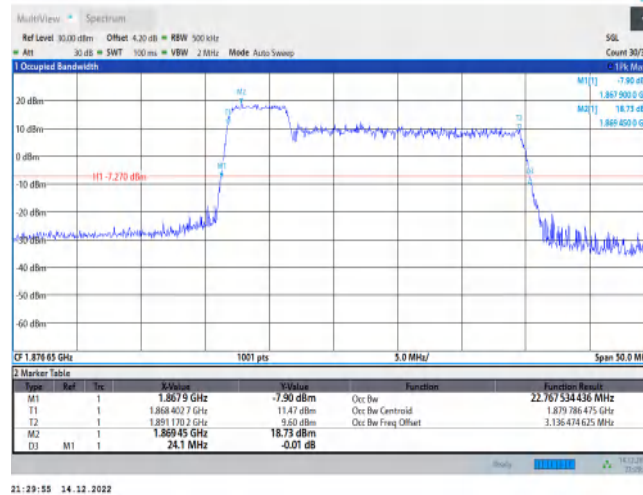
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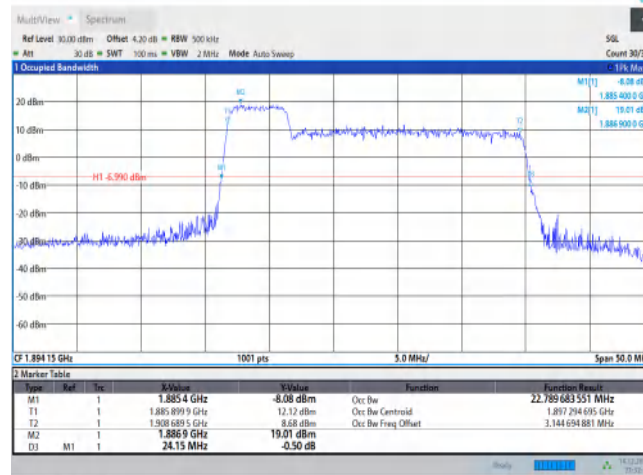
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2-2-5MHz-20MHz-256QAM-256QAM-18808-18925-25RB#0-100RB#0



21:29:55 14.12.2022

2-2-5MHz-20MHz-256QAM-256QAM-18983-19100-25RB#0-100RB#0



21:32:17 14.12.2022



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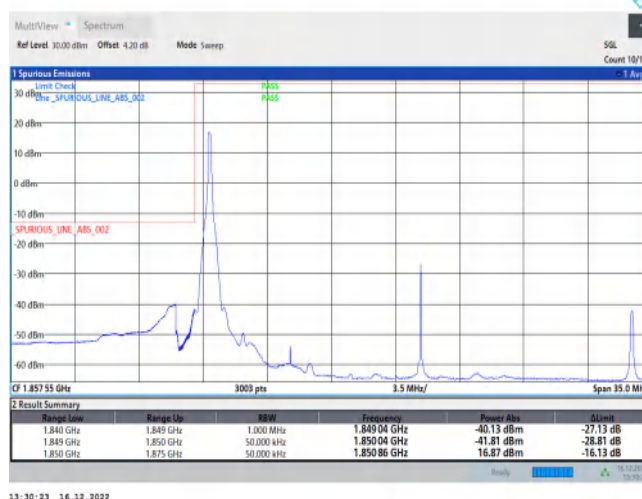
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Band Edge

Test Graphs

2-2-10MHz-15MHz-QPSK-QPSK-18653-18773-1RB#0-0RB#0



2-2-10MHz-15MHz-QPSK-QPSK-18653-18773-50RB#0-75RB#0



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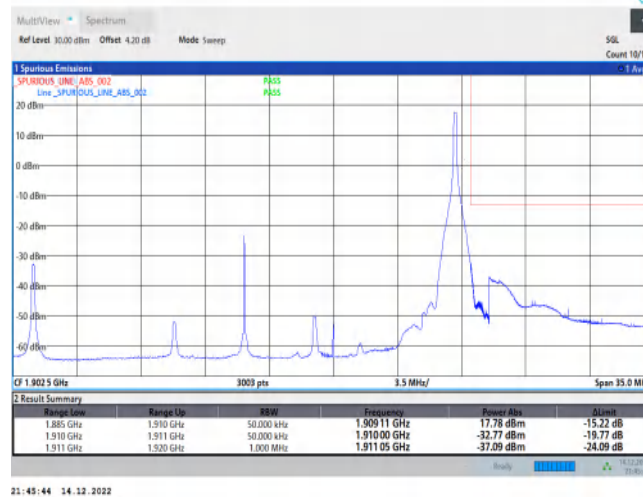
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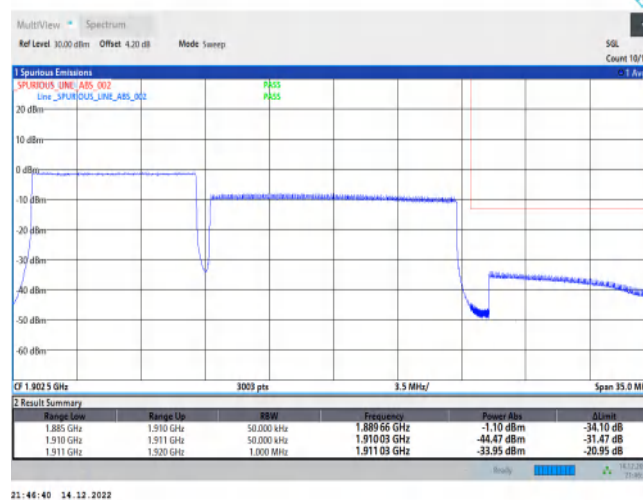
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2-2-10MHz-15MHz-QPSK-QPSK-19005-19125-0RB#0-1RB#74



2-2-10MHz-15MHz-QPSK-QPSK-19005-19125-50RB#0-75RB#0



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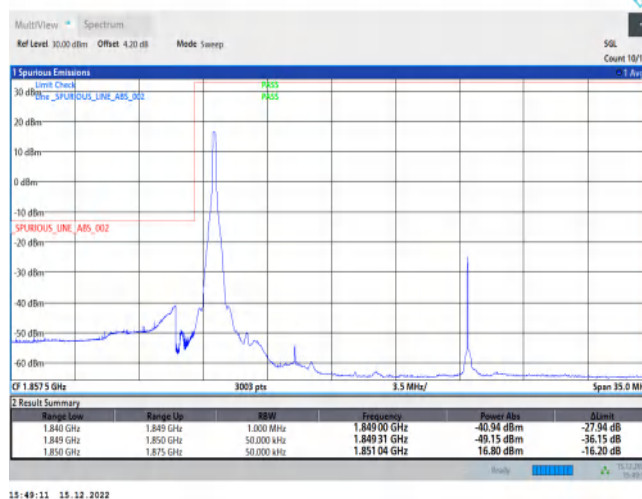
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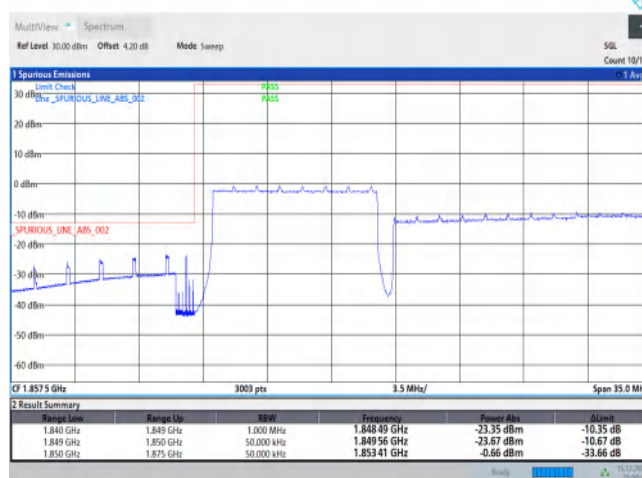
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2-2-10MHz-20MHz-QPSK-QPSK-18655-18799-1RB#0-0RB#0



15:49:11 15.12.2022

2-2-10MHz-20MHz-QPSK-QPSK-18655-18799-50RB#0-100RB#0



15:50:07 15.12.2022



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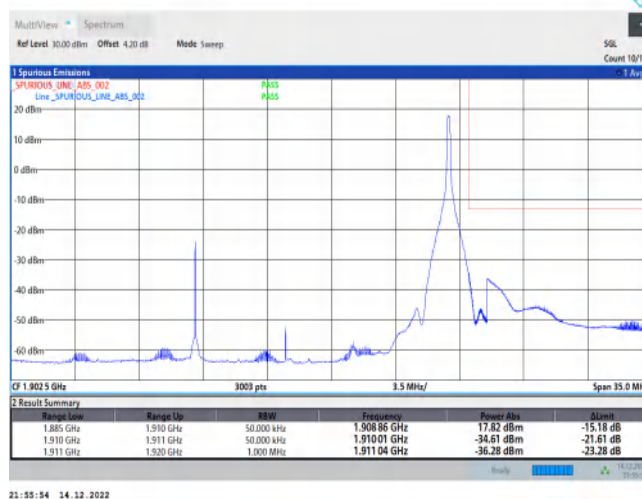
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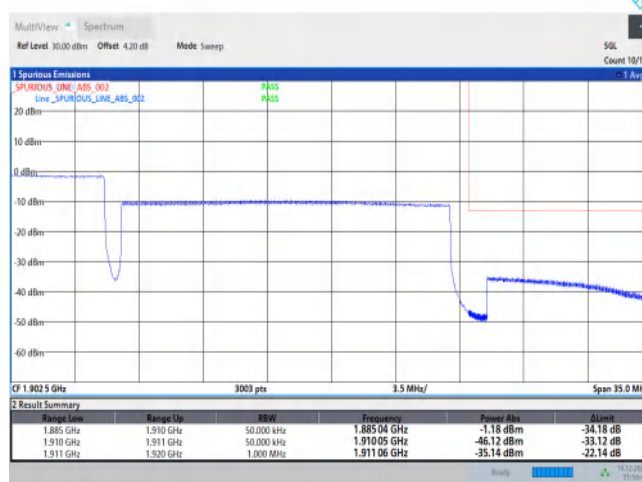
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2-2-10MHz-20MHz-QPSK-QPSK-18956-19100-0RB#0-1RB#99



21:55:54 14.12.2022

2-2-10MHz-20MHz-QPSK-QPSK-18956-19100-50RB#0-100RB#0



21:56:49 14.12.2022



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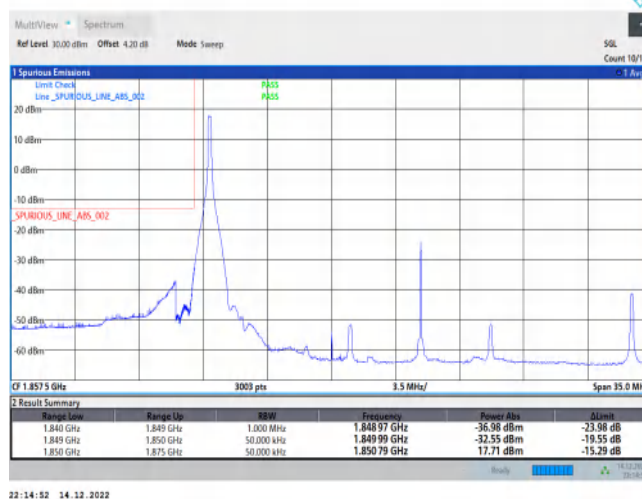
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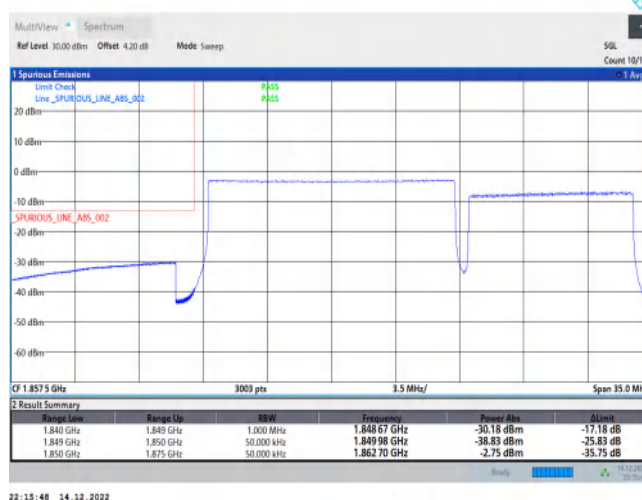
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2-2-15MHz-10MHz-QPSK-QPSK-18675-18795-1RB#0-0RB#0



22:14:52 14.12.2022

2-2-15MHz-10MHz-QPSK-QPSK-18675-18795-75RB#0-50RB#0



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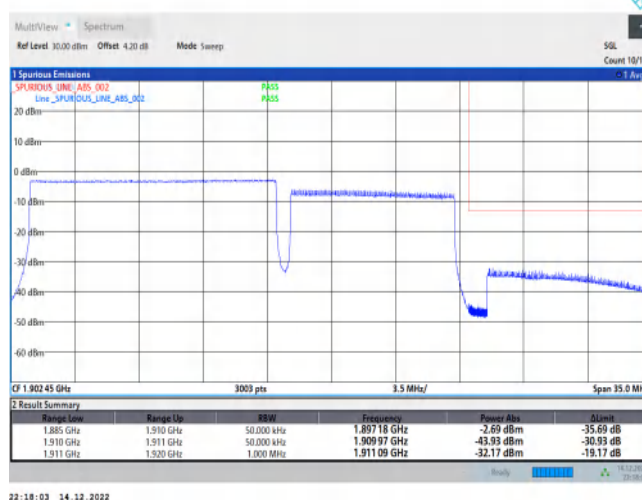
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2-2-15MHz-10MHz-QPSK-QPSK-19027-19147-0RB#0-1RB#49



2-2-15MHz-10MHz-QPSK-QPSK-19027-19147-75RB#0-50RB#0



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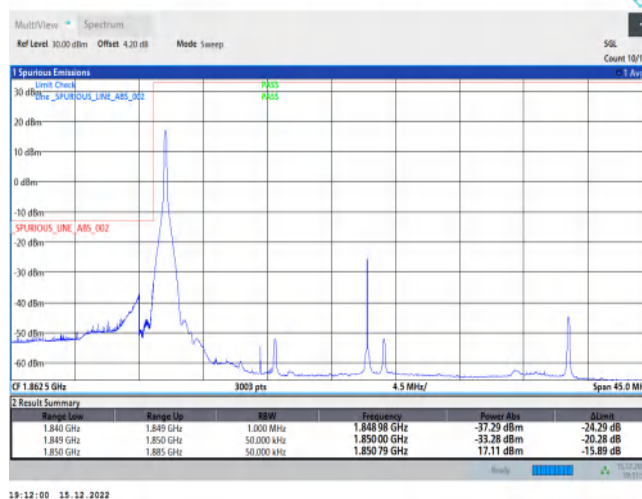
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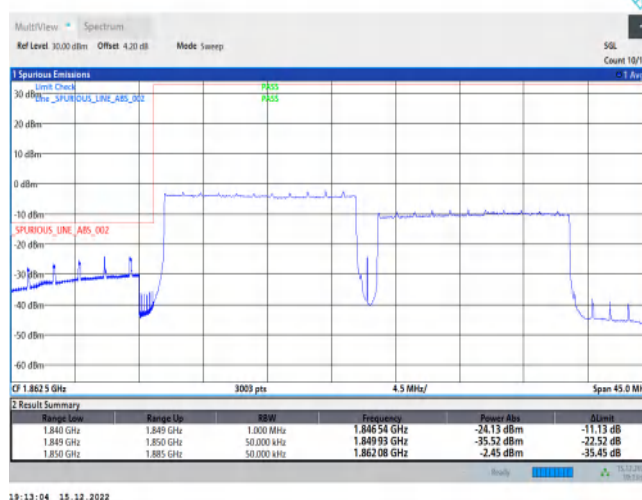
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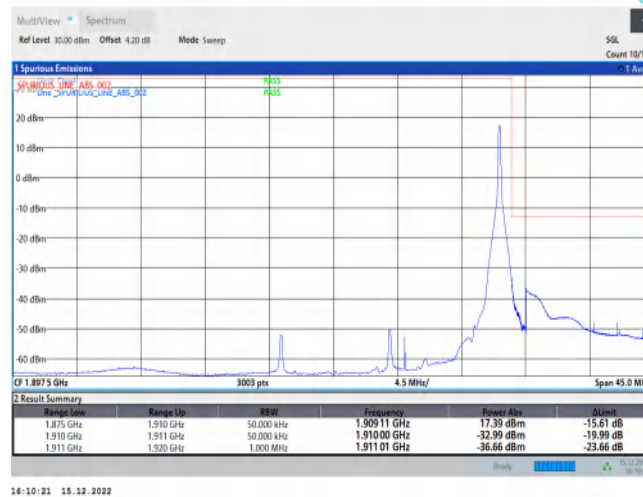
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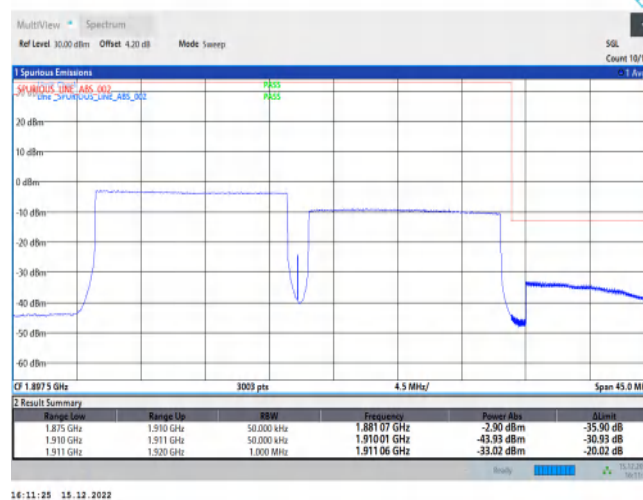
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2-2-15MHz-15MHz-QPSK-QPSK-18975-19125-75RB#0-75RB#0



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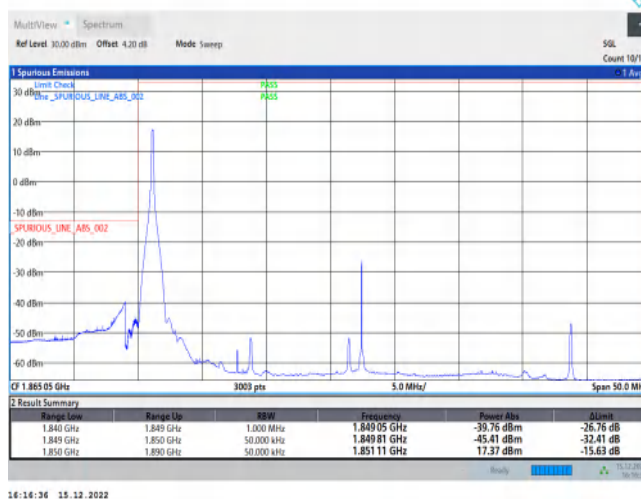
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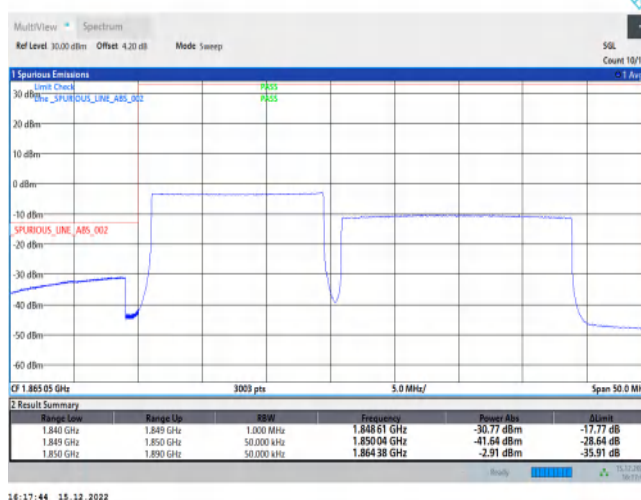
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16:16:36 15.12.2022

2-2-15MHz-20MHz-QPSK-QPSK-18678-18849-75RB#0-100RB#0



16:17:44 15.12.2022



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2-2-15MHz-20MHz-QPSK-QPSK-18929-19100-0RB#0-1RB#99



16:20:37 15.12.2022

2-2-15MHz-20MHz-QPSK-QPSK-18929-19100-75RB#0-100RB#0



16:21:45 15.12.2022



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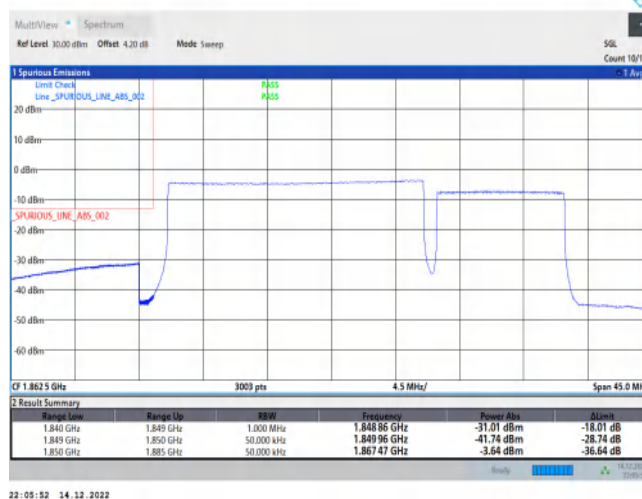
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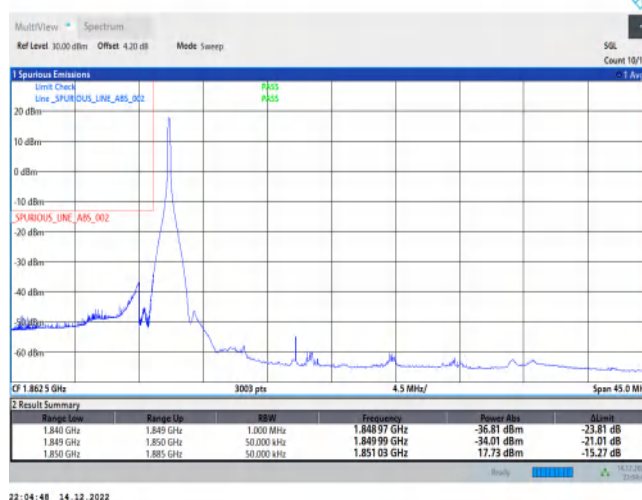
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2-2-20MHz-10MHz-QPSK-QPSK-18700-18844-100RB#0-50RB#0



22:05:52 14.12.2022

2-2-20MHz-10MHz-QPSK-QPSK-18700-18844-1RB#0-0RB#0



22:04:48 14.12.2022



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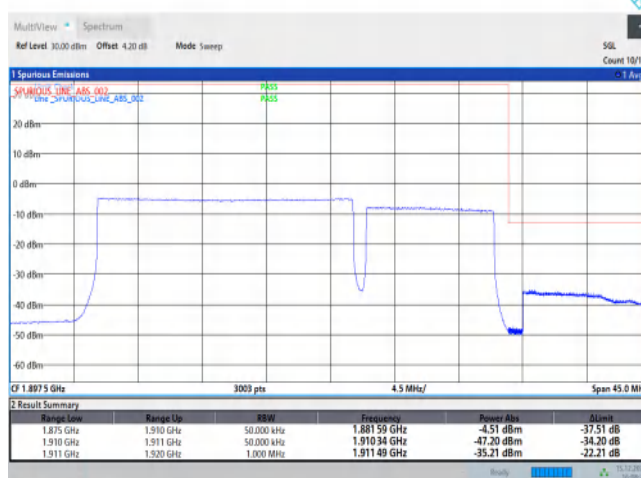
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2-2-20MHz-10MHz-QPSK-QPSK-19001-19145-0RB#0-1RB#49



16:05:27 15.12.2022

2-2-20MHz-10MHz-QPSK-QPSK-19001-19145-100RB#0-50RB#0



16:08:29 15.12.2022



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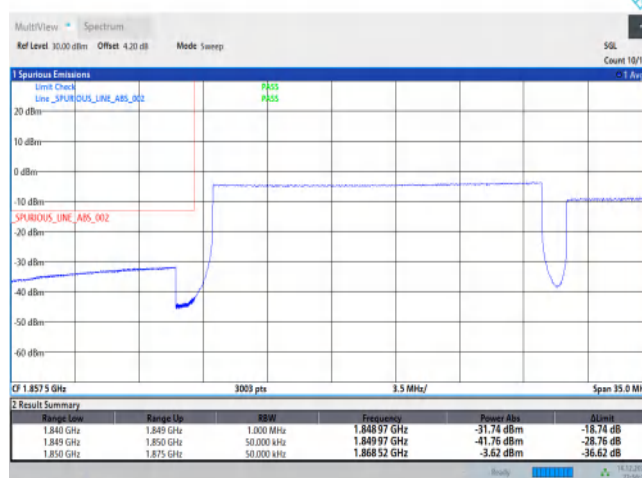
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2-2-20MHz-15MHz-QPSK-QPSK-18700-18871-1RB#0-0RB#0



13:38:22 16.12.2022

2-2-20MHz-15MHz-QPSK-QPSK-18700-18871-100RB#0-75RB#0



22:56:12 14.12.2022



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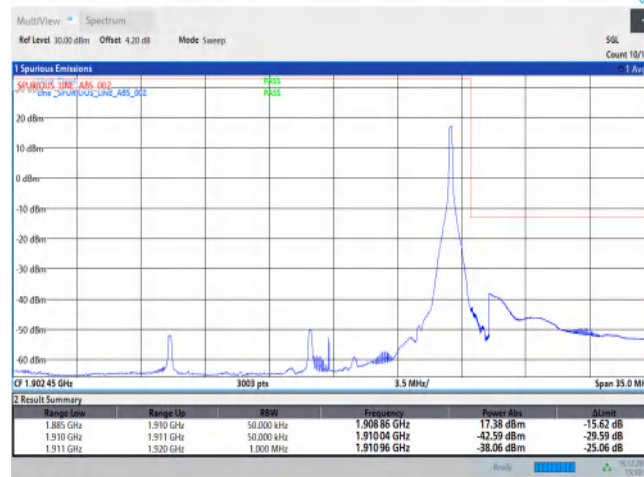
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2-2-20MHz-15MHz-QPSK-QPSK-18951-19122-0RB#0-1RB#74



13:39:33 16.12.2022

2-2-20MHz-15MHz-QPSK-QPSK-18951-19122-100RB#0-75RB#0



22:57:23 14.12.2022



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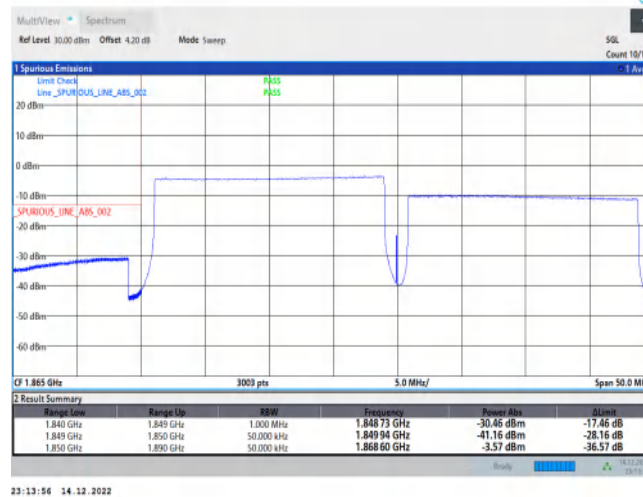
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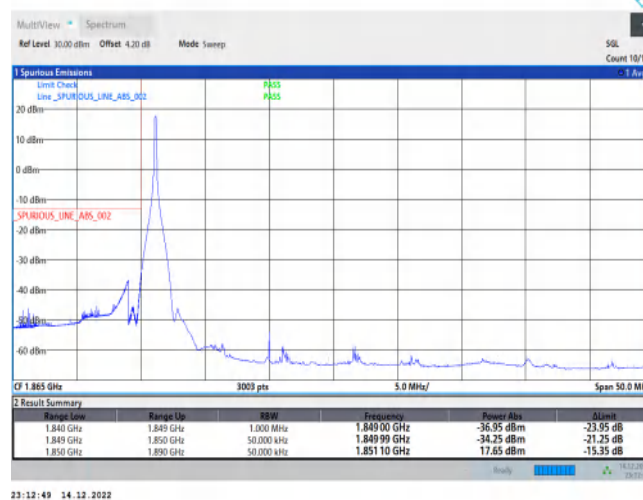
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2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-100RB#0-100RB#0



2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-1RB#0-0RB#0



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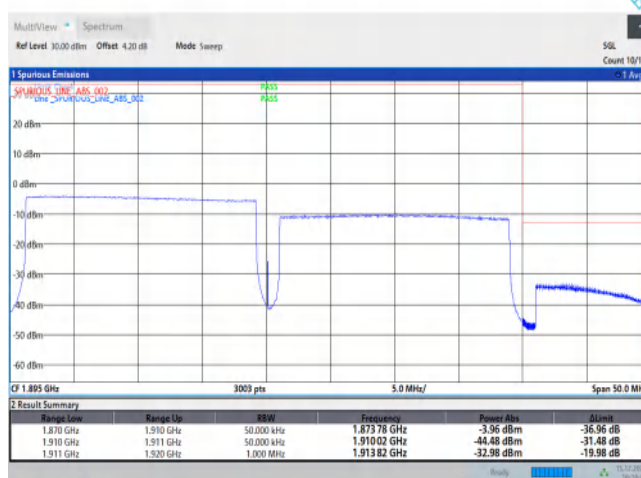
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2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-0RB#0-1RB#99



16:23:41 15.12.2022

2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-100RB#0-100RB#0



16:24:49 15.12.2022



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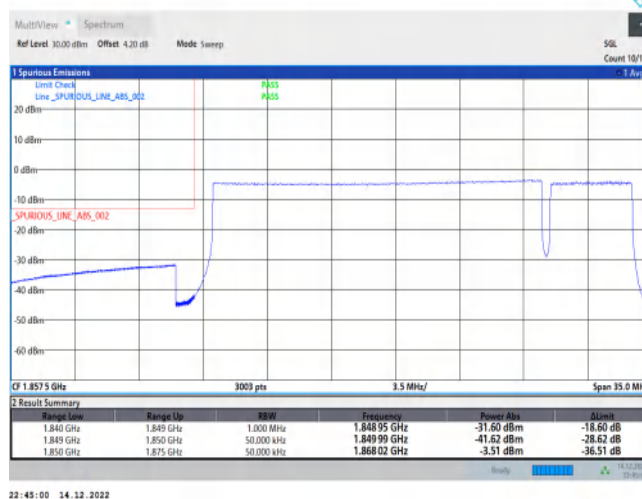
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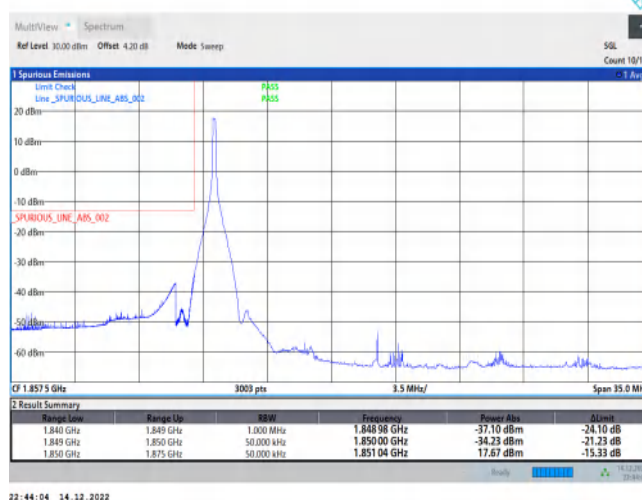
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2-2-20MHz-5MHz-QPSK-QPSK-18700-18817-100RB#0-25RB#0



2-2-20MHz-5MHz-QPSK-QPSK-18700-18817-1RB#0-0RB#0



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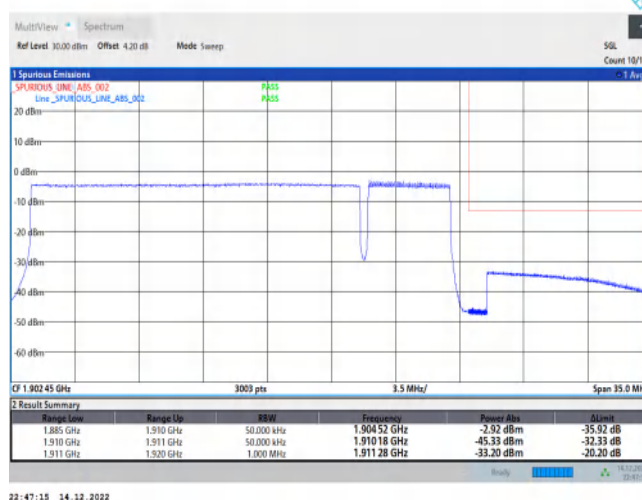
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2-2-20MHz-5MHz-QPSK-QPSK-19050-19167-0RB#0-1RB#24



2-2-20MHz-5MHz-QPSK-QPSK-19050-19167-100RB#0-25RB#0



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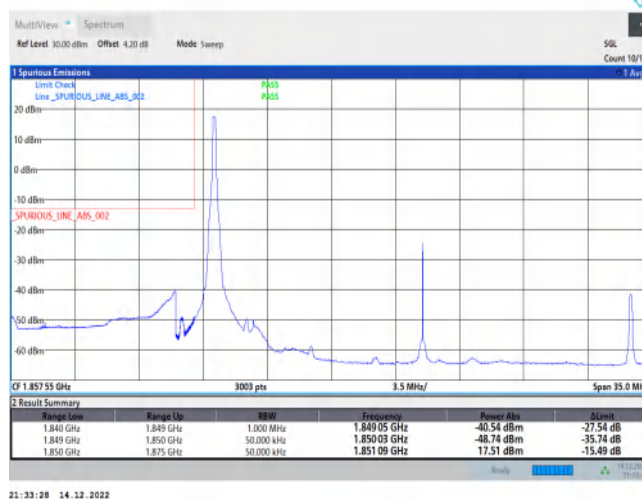
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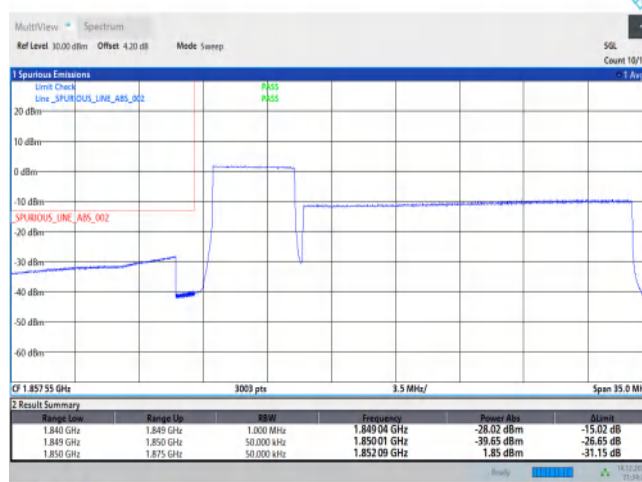
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2-2-5MHz-20MHz-QPSK-QPSK-18633-18750-1RB#0-0RB#0



21:33:28 14.12.2022

2-2-5MHz-20MHz-QPSK-QPSK-18633-18750-25RB#0-100RB#0



21:34:24 14.12.2022



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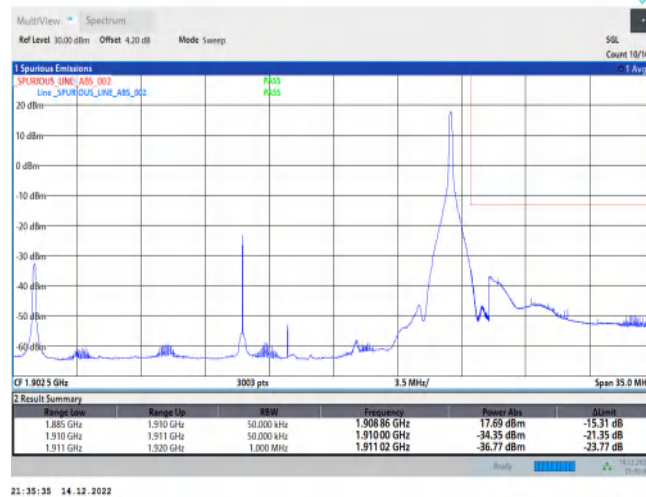
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21:36:31 14.12.2022



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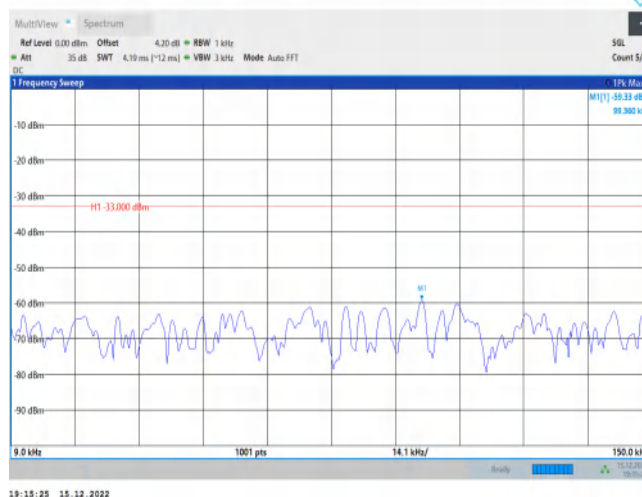
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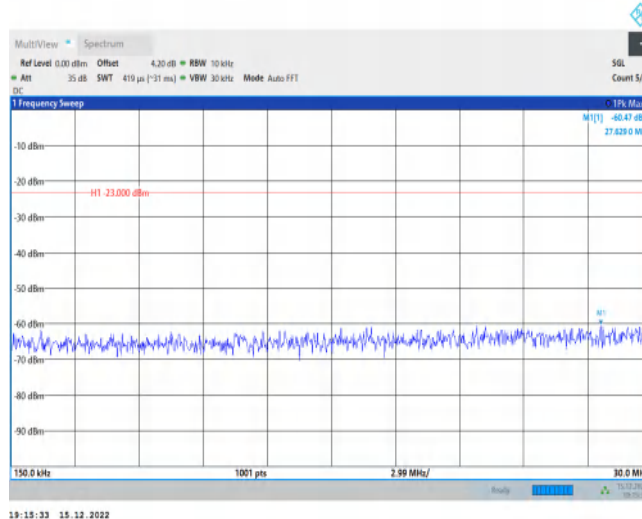
Conducted Spurious Emission

Test Graphs

2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-1RB#0-0RB#0-0.009~0.15MHz



2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-1RB#0-0RB#0-0.15~30MHz



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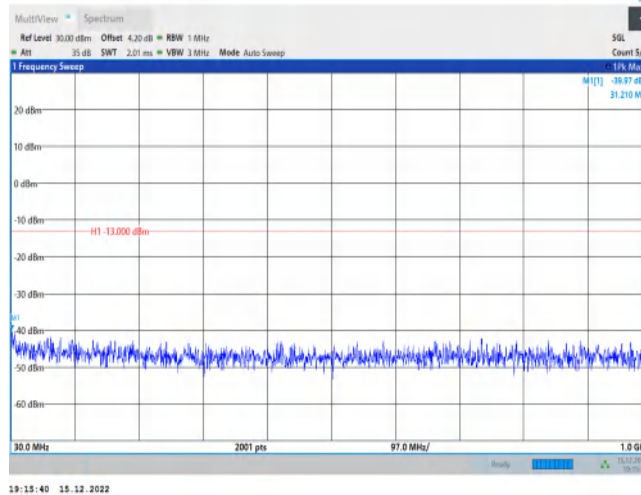
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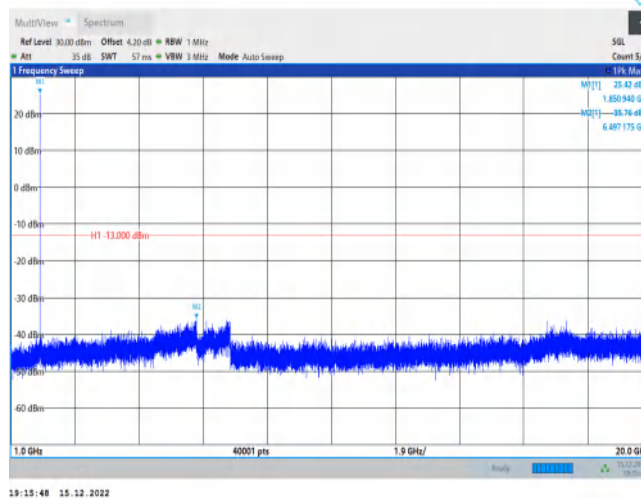
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2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-1RB#0-0RB#0-30~1000MHz



2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-1RB#0-0RB#0-1000~20000MHz



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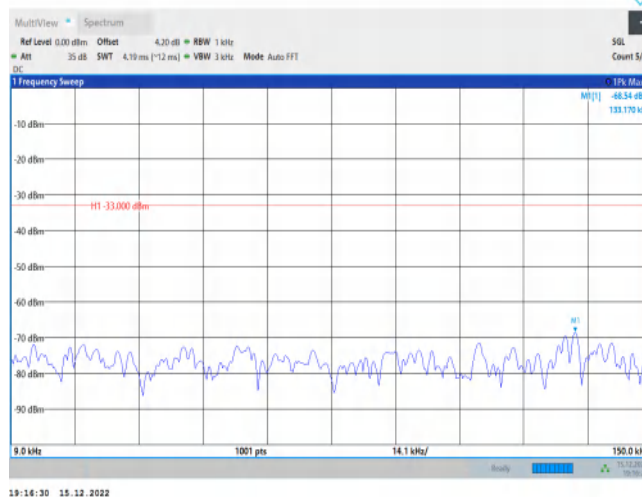
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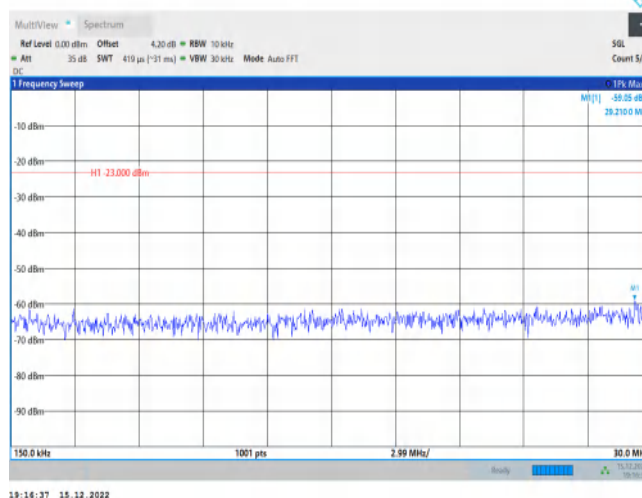
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2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-0.009~0.15MHz



2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-0.15~30MHz



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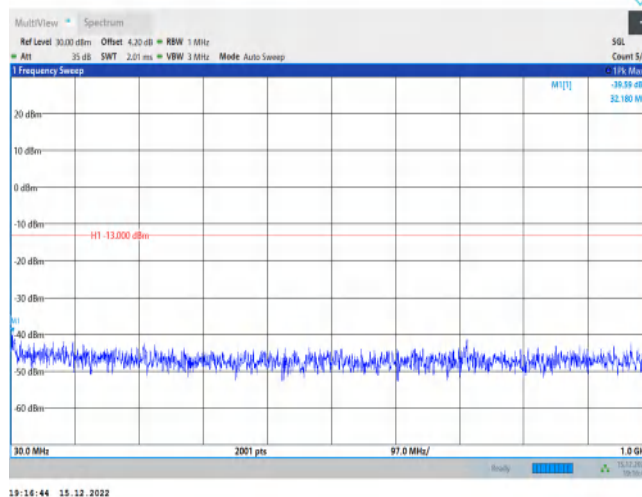
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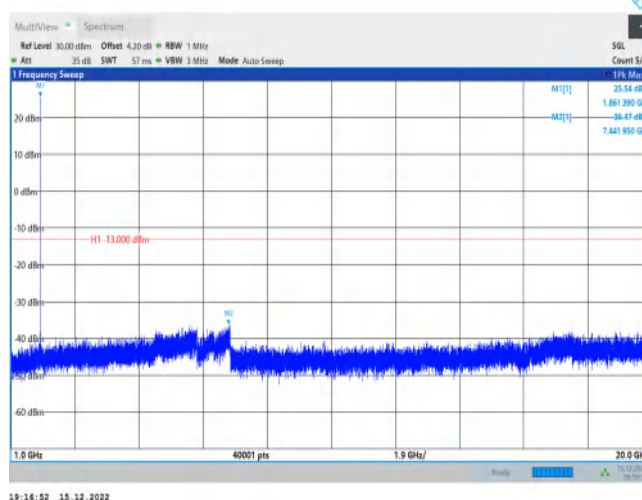
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2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-30~1000MHz



2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-1000~20000MHz



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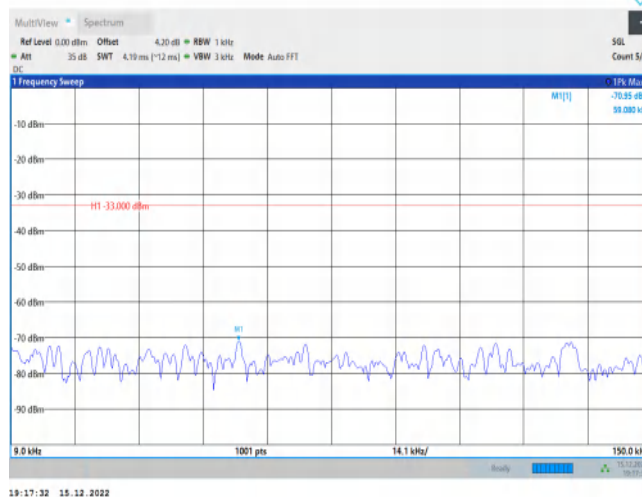
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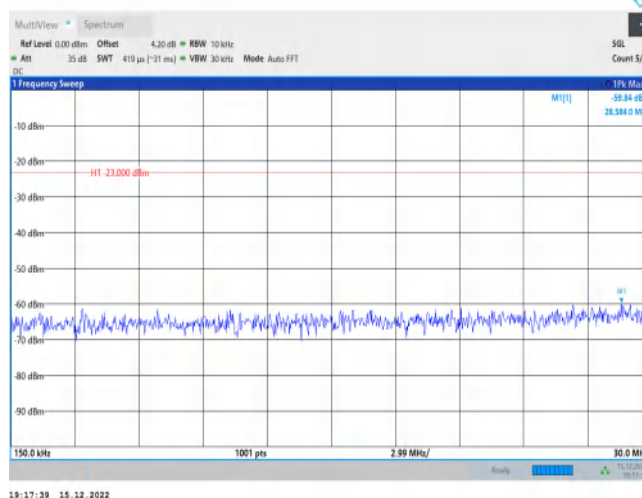
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2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-0.009~0.15MHz



2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-0.15~30MHz



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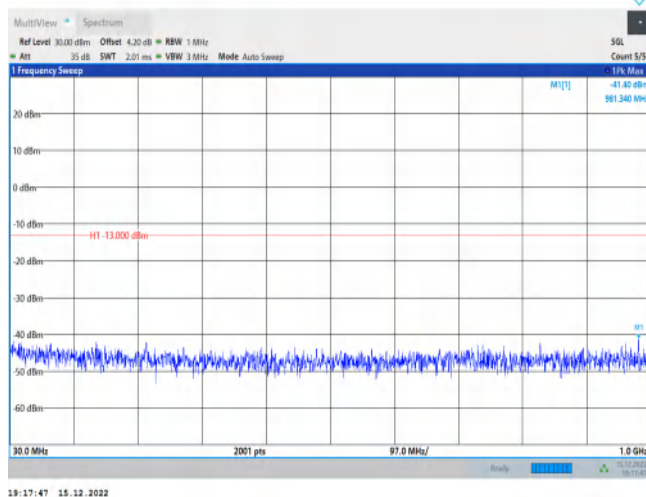
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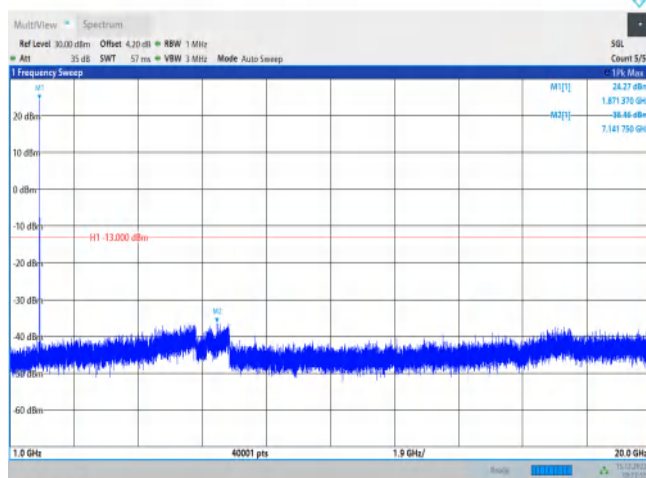
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2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-30~1000MHz



19:17:47 15.12.2022

2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-1000~20000MHz



19:17:55 15.12.2022



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Field Strength of Spurious Radiation

Test Band = UL CA 2C ANT 0_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	54.67	-45.69	29.88	-56.40	-13.00	43.40	148	32	Horizontal
2	5553.27	40.74	-43.87	32.77	-65.62	-13.00	52.62	224	80	Horizontal
3	7404.36	40.85	-41.96	36.44	-59.93	-13.00	46.93	196	15	Horizontal
4	9255.45	34.25	-38.39	38.57	-60.83	-13.00	47.83	265	263	Horizontal
5	11106.54	31.09	-35.35	39.49	-60.03	-13.00	47.03	324	80	Horizontal
6	12957.63	32.99	-34.89	39.56	-57.61	-13.00	44.61	174	360	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	3702	52.24	-45.69	29.88	-58.83	-13.00	45.83	234	264	Vertical
2	5553.27	40.50	-43.87	32.77	-65.86	-13.00	52.86	258	264	Vertical
3	7404.36	45.88	-41.96	36.44	-54.90	-13.00	41.90	169	131	Vertical
4	9255.45	34.25	-38.39	38.57	-60.83	-13.00	47.83	344	359	Vertical
5	11106.54	31.56	-35.35	39.49	-59.56	-13.00	46.56	215	360	Vertical
6	12957.63	32.13	-34.89	39.56	-58.47	-13.00	45.47	188	247	Vertical



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Test Band = UL CA 2C ANT 0_TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3722.18	52.67	-45.64	29.93	-58.30	-13.00	45.30	232	32	Horizontal
2	5583.27	41.65	-43.86	32.87	-64.61	-13.00	51.61	154	359	Horizontal
3	7444.76	38.20	-41.81	36.47	-62.40	-13.00	49.40	214	212	Horizontal
4	9305.95	36.21	-38.38	38.57	-58.86	-13.00	45.86	317	246	Horizontal
5	11167.14	31.51	-35.10	39.43	-59.41	-13.00	46.41	265	165	Horizontal
6	13028.33	31.78	-34.79	39.62	-58.65	-13.00	45.65	357	32	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	3722.18	50.81	-45.64	29.93	-60.16	-13.00	47.16	241	266	Vertical
2	5583.27	41.33	-43.86	32.87	-64.93	-13.00	51.93	235	83	Vertical
3	7444.76	43.08	-41.81	36.47	-57.52	-13.00	44.52	188	83	Vertical
4	9305.95	35.78	-38.38	38.57	-59.29	-13.00	46.29	263	33	Vertical
5	11167.14	31.73	-35.10	39.43	-59.19	-13.00	46.19	334	216	Vertical
6	13028.33	31.48	-34.79	39.62	-58.95	-13.00	45.95	289	233	Vertical



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Test Band = UL CA 2C ANT 0_TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.5	51.17	-45.59	29.98	-59.69	-13.00	46.69	164	32	Horizontal
2	5613.87	41.37	-43.84	32.97	-64.77	-13.00	51.77	209	3	Horizontal
3	7485.16	41.10	-41.65	36.49	-59.32	-13.00	46.32	233	216	Horizontal
4	9356.45	35.37	-38.26	38.56	-59.58	-13.00	46.58	174	149	Horizontal
5	11227.74	31.94	-35.07	39.37	-59.02	-13.00	46.02	249	149	Horizontal
6	13099.03	32.08	-34.46	39.66	-57.98	-13.00	44.98	316	115	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	3742.5	49.33	-45.59	29.98	-61.53	-13.00	48.53	236	98	Vertical
2	5613.87	41.05	-43.84	32.97	-65.09	-13.00	52.09	147	15	Vertical
3	7485.16	42.66	-41.65	36.49	-57.76	-13.00	44.76	269	98	Vertical
4	9356.45	35.08	-38.26	38.56	-59.87	-13.00	46.87	324	345	Vertical
5	11227.74	30.88	-35.07	39.37	-60.08	-13.00	47.08	177	360	Vertical
6	13099.03	31.73	-34.46	39.66	-58.33	-13.00	45.33	182	264	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:

$$AF = \text{Antenna Factor(dB/m)}$$

$$\text{Factor} = \text{Cable Factor(dB)} - \text{Preamplifier (dB)}$$

$$\text{Level} = \text{Reading Level} + AF + \text{Factor} - 95.26$$

$$\text{Margin} = \text{Limit} - \text{Level}$$


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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VH	NT	36.80	0.019678	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VL	NT	34.80	0.018609	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VN	NT	24.50	0.013101	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	75	20.00	0.024050	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	60	18.70	0.022487	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	50	25.70	0.013743	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	40	27.20	0.014545	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	30	29.10	0.015561	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	20	33.00	0.017646	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	10	34.70	0.018555	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	0	38.20	0.020427	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-10	40.20	0.021496	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-20	40.90	0.021870	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-30	40.50	0.021657	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-40	20.10	0.024170	PASS

---End of Attachment---



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South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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