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Appendix B.22

LTE CA_7C



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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
7-7	10MHz-20MHz	QPSK-QPSK	20805-20949	1RB#0-0RB#0	23.54	24.09	33	PASS
7-7	10MHz-20MHz	QPSK-QPSK	20805-20949	50RB#0-100RB#0	22.53	23.08	33	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21006-21150	1RB#0-0RB#0	23.87	24.42	33	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21006-21150	50RB#0-100RB#0	22.41	22.96	33	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21206-21350	1RB#0-0RB#0	23.79	24.34	33	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21206-21350	50RB#0-100RB#0	22.23	22.78	33	PASS
7-7	10MHz-20MHz	16QAM-16QAM	20805-20949	1RB#0-0RB#0	23.36	23.91	33	PASS
7-7	10MHz-20MHz	16QAM-16QAM	20805-20949	50RB#0-100RB#0	21.28	21.83	33	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21006-21150	1RB#0-0RB#0	23.51	24.06	33	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21006-21150	50RB#0-100RB#0	21.33	21.88	33	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21206-21350	1RB#0-0RB#0	23.58	24.13	33	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21206-21350	50RB#0-100RB#0	21.14	21.69	33	PASS
7-7	10MHz-20MHz	64QAM-64QAM	20805-20949	1RB#0-0RB#0	21.26	21.81	33	PASS
7-7	10MHz-20MHz	64QAM-64QAM	20805-20949	50RB#0-100RB#0	19.39	19.94	33	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21006-21150	1RB#0-0RB#0	21.72	22.27	33	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21006-21150	50RB#0-100RB#0	19.31	19.86	33	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21206-21350	1RB#0-0RB#0	21.65	22.2	33	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21206-21350	50RB#0-100RB#0	19.26	19.81	33	PASS
7-7	10MHz-20MHz	256QAM-256QAM	20805-20949	1RB#0-0RB#0	18.45	19	33	PASS
7-7	10MHz-20MHz	256QAM-256QAM	20805-20949	50RB#0-100RB#0	18.26	18.81	33	PASS
7-7	10MHz-20MHz	256QAM-256QAM	21006-21150	1RB#0-0RB#0	18.37	18.92	33	PASS
7-7	10MHz-20MHz	256QAM-256QAM	21006-21150	50RB#0-100RB#0	18.24	18.79	33	PASS
7-7	10MHz-20MHz	256QAM-256QAM	21206-21350	1RB#0-0RB#0	18.39	18.94	33	PASS
7-7	10MHz-20MHz	256QAM-256QAM	21206-21350	50RB#0-100RB#0	18.14	18.69	33	PASS
7-7	15MHz-10MHz	QPSK-QPSK	20825-20945	1RB#0-0RB#0	23.63	24.18	33	PASS
7-7	15MHz-10MHz	QPSK-QPSK	20825-20945	75RB#0-50RB#0	22.25	22.8	33	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21051-21171	1RB#0-0RB#0	24.36	24.91	33	PASS



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7-7	15MHz-10MHz	QPSK-QPSK	21051-21171	75RB#0-50RB#0	22.24	22.79	33	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21277-21397	1RB#0-0RB#0	23.63	24.18	33	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21277-21397	75RB#0-50RB#0	21.52	22.07	33	PASS
7-7	15MHz-10MHz	16QAM-16QAM	20825-20945	1RB#0-0RB#0	22.64	23.19	33	PASS
7-7	15MHz-10MHz	16QAM-16QAM	20825-20945	75RB#0-50RB#0	21.14	21.69	33	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21051-21171	1RB#0-0RB#0	23.47	24.02	33	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21051-21171	75RB#0-50RB#0	21.36	21.91	33	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21277-21397	1RB#0-0RB#0	23.41	23.96	33	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21277-21397	75RB#0-50RB#0	20.56	21.11	33	PASS
7-7	15MHz-10MHz	64QAM-64QAM	20825-20945	1RB#0-0RB#0	20.87	21.42	33	PASS
7-7	15MHz-10MHz	64QAM-64QAM	20825-20945	75RB#0-50RB#0	19.36	19.91	33	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21051-21171	1RB#0-0RB#0	21.52	22.07	33	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21051-21171	75RB#0-50RB#0	19.34	19.89	33	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21277-21397	1RB#0-0RB#0	21.14	21.69	33	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21277-21397	75RB#0-50RB#0	19.55	20.1	33	PASS
7-7	15MHz-10MHz	256QAM-256QAM	20825-20945	1RB#0-0RB#0	17.63	18.18	33	PASS
7-7	15MHz-10MHz	256QAM-256QAM	20825-20945	75RB#0-50RB#0	18.89	19.44	33	PASS
7-7	15MHz-10MHz	256QAM-256QAM	21051-21171	1RB#0-0RB#0	18.67	19.22	33	PASS
7-7	15MHz-10MHz	256QAM-256QAM	21051-21171	75RB#0-50RB#0	18.55	19.1	33	PASS
7-7	15MHz-10MHz	256QAM-256QAM	21277-21397	1RB#0-0RB#0	18.43	18.98	33	PASS
7-7	15MHz-10MHz	256QAM-256QAM	21277-21397	75RB#0-50RB#0	18.29	18.84	33	PASS
7-7	15MHz-15MHz	QPSK-QPSK	20825-20975	1RB#0-0RB#0	23.67	24.22	33	PASS
7-7	15MHz-15MHz	QPSK-QPSK	20825-20975	75RB#0-75RB#0	22.53	23.08	33	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21025-21175	1RB#0-0RB#0	23.41	23.96	33	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21025-21175	75RB#0-75RB#0	23.18	23.73	33	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21225-21375	1RB#0-0RB#0	23.44	23.99	33	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21225-21375	75RB#0-75RB#0	21.87	22.42	33	PASS
7-7	15MHz-15MHz	16QAM-16QAM	20825-20975	1RB#0-0RB#0	23.23	23.78	33	PASS
7-7	15MHz-15MHz	16QAM-16QAM	20825-20975	75RB#0-75RB#0	21.26	21.81	33	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21025-21175	1RB#0-0RB#0	23.41	23.96	33	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21025-21175	75RB#0-75RB#0	21.33	21.88	33	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21225-21375	1RB#0-0RB#0	23.37	23.92	33	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21225-21375	75RB#0-75RB#0	21.25	21.8	33	PASS



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7-7	15MHz-15MHz	64QAM-64QAM	20825-20975	1RB#0-0RB#0	21.66	22.21	33	PASS
7-7	15MHz-15MHz	64QAM-64QAM	20825-20975	75RB#0-75RB#0	19.56	20.11	33	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21025-21175	1RB#0-0RB#0	21.44	21.99	33	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21025-21175	75RB#0-75RB#0	19.59	20.14	33	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21225-21375	1RB#0-0RB#0	21.67	22.22	33	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21225-21375	75RB#0-75RB#0	19.29	19.84	33	PASS
7-7	15MHz-15MHz	256QAM-256QAM	20825-20975	1RB#0-0RB#0	17.87	18.42	33	PASS
7-7	15MHz-15MHz	256QAM-256QAM	20825-20975	75RB#0-75RB#0	18.57	19.12	33	PASS
7-7	15MHz-15MHz	256QAM-256QAM	21025-21175	1RB#0-0RB#0	18.44	18.99	33	PASS
7-7	15MHz-15MHz	256QAM-256QAM	21025-21175	75RB#0-75RB#0	18.59	19.14	33	PASS
7-7	15MHz-15MHz	256QAM-256QAM	21225-21375	1RB#0-0RB#0	18.67	19.22	33	PASS
7-7	15MHz-15MHz	256QAM-256QAM	21225-21375	75RB#0-75RB#0	18.33	18.88	33	PASS
7-7	15MHz-20MHz	QPSK-QPSK	20828-20999	1RB#0-0RB#0	23.72	24.27	33	PASS
7-7	15MHz-20MHz	QPSK-QPSK	20828-20999	75RB#0-100RB#0	22.52	23.07	33	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21003-21174	1RB#0-0RB#0	23.67	24.22	33	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21003-21174	75RB#0-100RB#0	22.43	22.98	33	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21179-21350	1RB#0-0RB#0	23.53	24.08	33	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21179-21350	75RB#0-100RB#0	22.44	22.99	33	PASS
7-7	15MHz-20MHz	16QAM-16QAM	20828-20999	1RB#0-0RB#0	22.93	23.48	33	PASS
7-7	15MHz-20MHz	16QAM-16QAM	20828-20999	75RB#0-100RB#0	21.55	22.1	33	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21003-21174	1RB#0-0RB#0	22.66	23.21	33	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21003-21174	75RB#0-100RB#0	21.44	21.99	33	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21179-21350	1RB#0-0RB#0	22.78	23.33	33	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21179-21350	75RB#0-100RB#0	21.47	22.02	33	PASS
7-7	15MHz-20MHz	64QAM-64QAM	20828-20999	1RB#0-0RB#0	22.06	22.61	33	PASS
7-7	15MHz-20MHz	64QAM-64QAM	20828-20999	75RB#0-100RB#0	21.55	22.1	33	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21003-21174	1RB#0-0RB#0	21.75	22.3	33	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21003-21174	75RB#0-100RB#0	21.46	22.01	33	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21179-21350	1RB#0-0RB#0	21.78	22.33	33	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21179-21350	75RB#0-100RB#0	21.46	22.01	33	PASS
7-7	15MHz-20MHz	256QAM-256QAM	20828-20999	1RB#0-0RB#0	18.91	19.46	33	PASS
7-7	15MHz-20MHz	256QAM-256QAM	20828-20999	75RB#0-100RB#0	19.56	20.11	33	PASS
7-7	15MHz-20MHz	256QAM-256QAM	21003-21174	1RB#0-0RB#0	18.8	19.35	33	PASS



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7-7	15MHz-20MHz	256QAM-256QAM	21003-21174	75RB#0-100RB#0	19.44	19.99	33	PASS
7-7	15MHz-20MHz	256QAM-256QAM	21179-21350	1RB#0-0RB#0	18.91	19.46	33	PASS
7-7	15MHz-20MHz	256QAM-256QAM	21179-21350	75RB#0-100RB#0	19.46	20.01	33	PASS
7-7	20MHz-10MHz	QPSK-QPSK	20850-20994	100RB#0-50RB#0	22.43	22.98	33	PASS
7-7	20MHz-10MHz	QPSK-QPSK	20850-20994	1RB#0-0RB#0	23.72	24.27	33	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21051-21195	100RB#0-50RB#0	22.35	22.9	33	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21051-21195	1RB#0-0RB#0	23.59	24.14	33	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21251-21395	100RB#0-50RB#0	22.39	22.94	33	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21251-21395	1RB#0-0RB#0	23.55	24.1	33	PASS
7-7	20MHz-10MHz	16QAM-16QAM	20850-20994	100RB#0-50RB#0	21.56	22.11	33	PASS
7-7	20MHz-10MHz	16QAM-16QAM	20850-20994	1RB#0-0RB#0	22.85	23.4	33	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21051-21195	100RB#0-50RB#0	21.38	21.93	33	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21051-21195	1RB#0-0RB#0	22.66	23.21	33	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21251-21395	100RB#0-50RB#0	21.41	21.96	33	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21251-21395	1RB#0-0RB#0	22.72	23.27	33	PASS
7-7	20MHz-10MHz	64QAM-64QAM	20850-20994	100RB#0-50RB#0	21.52	22.07	33	PASS
7-7	20MHz-10MHz	64QAM-64QAM	20850-20994	1RB#0-0RB#0	21.92	22.47	33	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21051-21195	100RB#0-50RB#0	21.42	21.97	33	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21051-21195	1RB#0-0RB#0	21.96	22.51	33	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21251-21395	100RB#0-50RB#0	21.46	22.01	33	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21251-21395	1RB#0-0RB#0	21.85	22.4	33	PASS
7-7	20MHz-10MHz	256QAM-256QAM	20850-20994	100RB#0-50RB#0	19.53	20.08	33	PASS
7-7	20MHz-10MHz	256QAM-256QAM	20850-20994	1RB#0-0RB#0	18.89	19.44	33	PASS
7-7	20MHz-10MHz	256QAM-256QAM	21051-21195	100RB#0-50RB#0	19.41	19.96	33	PASS
7-7	20MHz-10MHz	256QAM-256QAM	21051-21195	1RB#0-0RB#0	18.73	19.28	33	PASS
7-7	20MHz-10MHz	256QAM-256QAM	21251-21395	100RB#0-50RB#0	19.38	19.93	33	PASS
7-7	20MHz-10MHz	256QAM-256QAM	21251-21395	1RB#0-0RB#0	18.71	19.26	33	PASS
7-7	20MHz-15MHz	QPSK-QPSK	20850-21021	100RB#0-75RB#0	22.44	22.99	33	PASS
7-7	20MHz-15MHz	QPSK-QPSK	20850-21021	1RB#0-0RB#0	23.64	24.19	33	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21026-21197	100RB#0-75RB#0	22.35	22.9	33	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21026-21197	1RB#0-0RB#0	23.42	23.97	33	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21201-21372	100RB#0-75RB#0	22.4	22.95	33	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21201-21372	1RB#0-0RB#0	23.46	24.01	33	PASS



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7-7	20MHz-15MHz	16QAM-16QAM	20850-21021	100RB#0-75RB#0	21.44	21.99	33	PASS
7-7	20MHz-15MHz	16QAM-16QAM	20850-21021	1RB#0-0RB#0	22.78	23.33	33	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21026-21197	100RB#0-75RB#0	21.33	21.88	33	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21026-21197	1RB#0-0RB#0	22.83	23.38	33	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21201-21372	100RB#0-75RB#0	21.4	21.95	33	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21201-21372	1RB#0-0RB#0	22.59	23.14	33	PASS
7-7	20MHz-15MHz	64QAM-64QAM	20850-21021	100RB#0-75RB#0	21.46	22.01	33	PASS
7-7	20MHz-15MHz	64QAM-64QAM	20850-21021	1RB#0-0RB#0	21.94	22.49	33	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21026-21197	100RB#0-75RB#0	21.39	21.94	33	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21026-21197	1RB#0-0RB#0	21.78	22.33	33	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21201-21372	100RB#0-75RB#0	21.4	21.95	33	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21201-21372	1RB#0-0RB#0	21.78	22.33	33	PASS
7-7	20MHz-15MHz	256QAM-256QAM	20850-21021	100RB#0-75RB#0	19.52	20.07	33	PASS
7-7	20MHz-15MHz	256QAM-256QAM	20850-21021	1RB#0-0RB#0	18.88	19.43	33	PASS
7-7	20MHz-15MHz	256QAM-256QAM	21026-21197	100RB#0-75RB#0	19.4	19.95	33	PASS
7-7	20MHz-15MHz	256QAM-256QAM	21026-21197	1RB#0-0RB#0	18.91	19.46	33	PASS
7-7	20MHz-15MHz	256QAM-256QAM	21201-21372	100RB#0-75RB#0	19.42	19.97	33	PASS
7-7	20MHz-15MHz	256QAM-256QAM	21201-21372	1RB#0-0RB#0	18.69	19.24	33	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	22.46	23.01	33	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#0-0RB#0	23.6	24.15	33	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	22.33	22.88	33	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#0-0RB#0	23.52	24.07	33	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	22.41	22.96	33	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#0-0RB#0	23.47	24.02	33	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	21.44	21.99	33	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#0-0RB#0	22.87	23.42	33	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	21.38	21.93	33	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	1RB#0-0RB#0	22.61	23.16	33	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	21.39	21.94	33	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#0-0RB#0	22.68	23.23	33	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	21.48	22.03	33	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#0-0RB#0	21.96	22.51	33	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	21.36	21.91	33	PASS



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7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	1RB#0-0RB#0	21.68	22.23	33	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	21.41	21.96	33	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#0-0RB#0	21.72	22.27	33	PASS
7-7	20MHz-20MHz	256QAM-256QAM	20850-21048	100RB#0-100RB#0	19.49	20.04	33	PASS
7-7	20MHz-20MHz	256QAM-256QAM	20850-21048	1RB#0-0RB#0	18.98	19.53	33	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21001-21199	100RB#0-100RB#0	19.34	19.89	33	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21001-21199	1RB#0-0RB#0	19.39	19.94	33	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21152-21350	100RB#0-100RB#0	19.38	19.93	33	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21152-21350	1RB#0-0RB#0	18.55	19.1	33	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	8.26	13	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	8.24	13	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	8.24	13	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	8.24	13	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	8.20	13	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	8.30	13	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	8.22	13	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	8.24	13	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	8.24	13	PASS
7-7	20MHz-20MHz	256QAM-256QAM	20850-21048	100RB#0-100RB#0	8.30	13	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21001-21199	100RB#0-100RB#0	8.32	13	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21152-21350	100RB#0-100RB#0	8.30	13	PASS



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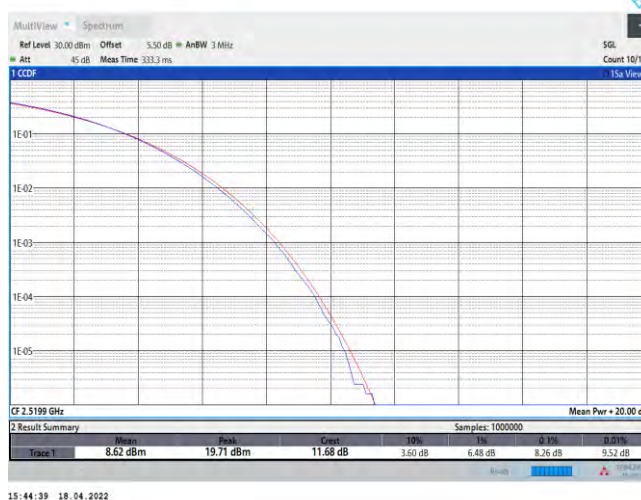
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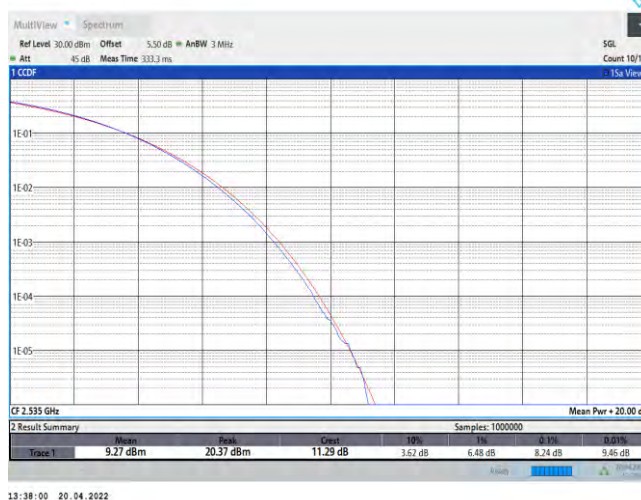
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Test Graphs

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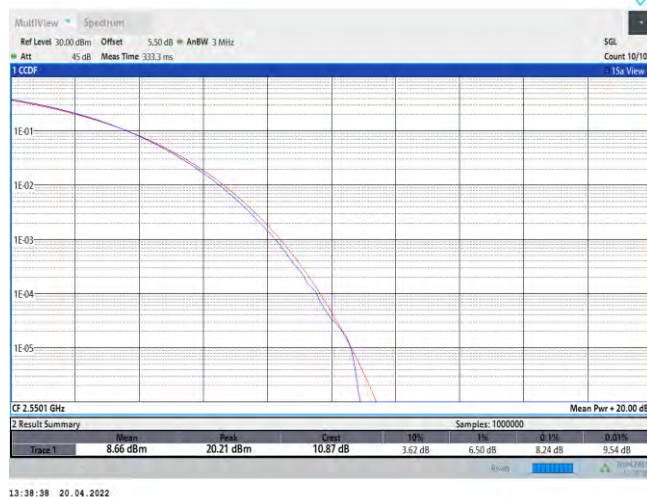
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7-7-20MHz-20MHz-16QAM-16QAM-20850-21048-100RB#0-100RB#0



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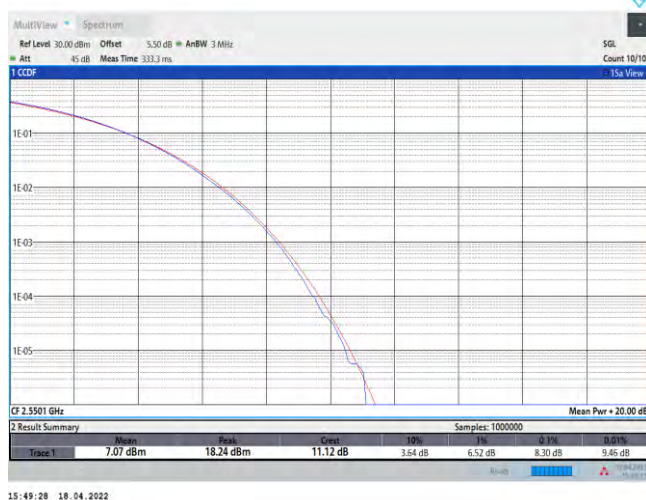
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7-7-20MHz-20MHz-16QAM-16QAM-21152-21350-100RB#0-100RB#0



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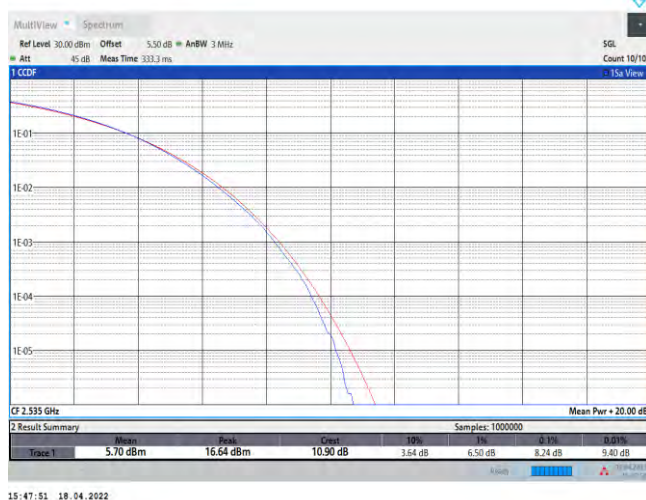
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7-7-20MHz-20MHz-64QAM-64QAM-21001-21199-100RB#0-100RB#0



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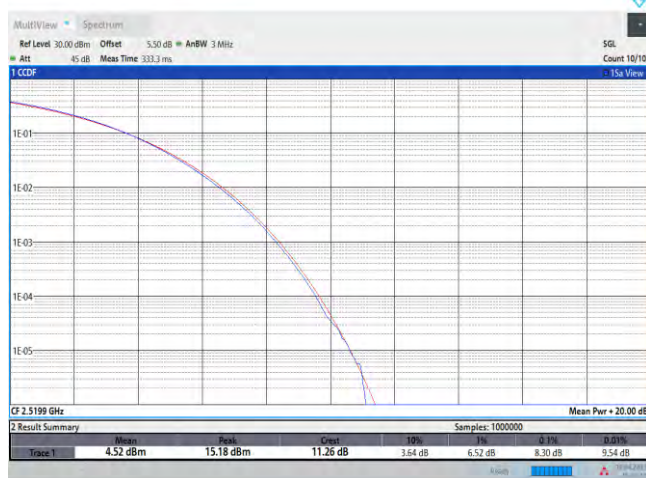
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7-7-20MHz-20MHz-256QAM-256QAM-20850-21048-100RB#0-100RB#0



15:46:11 18.04.2022



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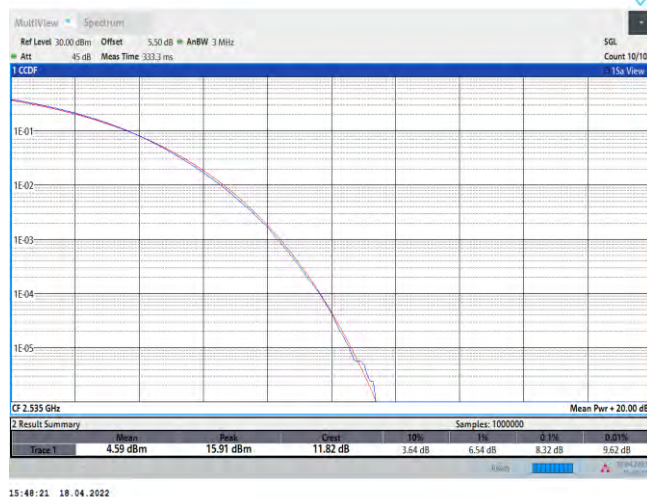
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7-7-20MHz-20MHz-256QAM-256QAM-21001-21199-100RB#0-100RB#0



7-7-20MHz-20MHz-256QAM-256QAM-21152-21350-100RB#0-100RB#0



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Modulation Characteristics

Test Result

7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	50RB#0-50RB#0	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	50RB#0-50RB#0	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	50RB#0-50RB#0	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21001-21199	50RB#0-50RB#0	PASS



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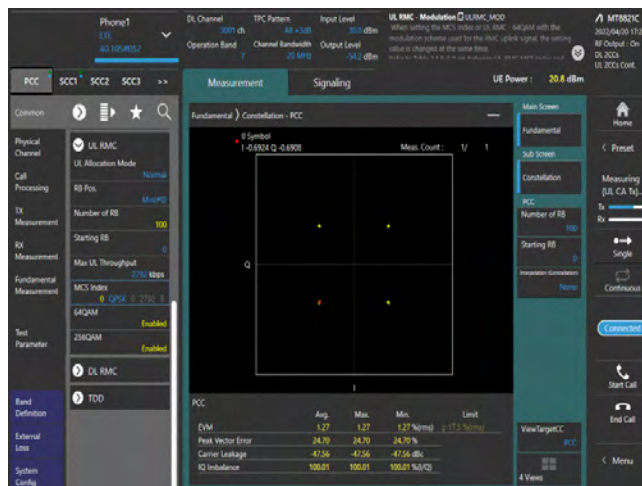
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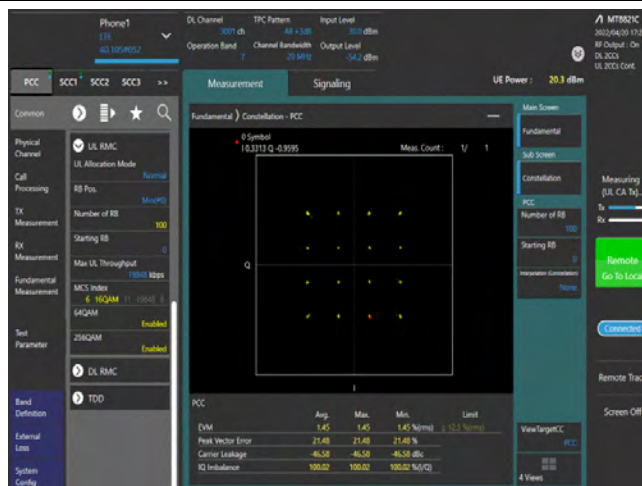
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7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-100RB#0-100RB#0



7-7-20MHz-20MHz-16QAM-16QAM -21001-21199-100RB#0-100RB#0



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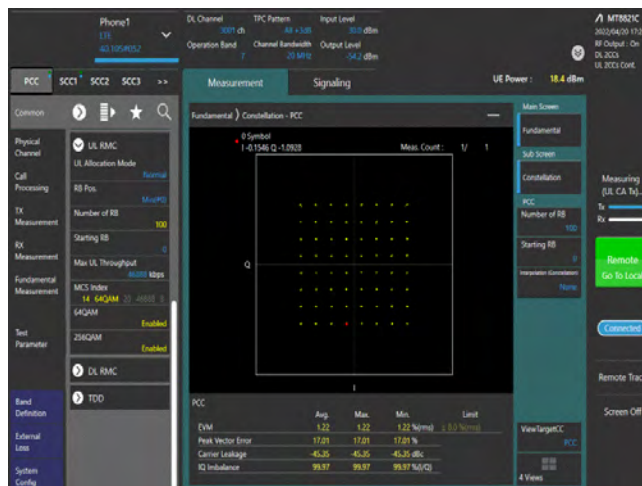
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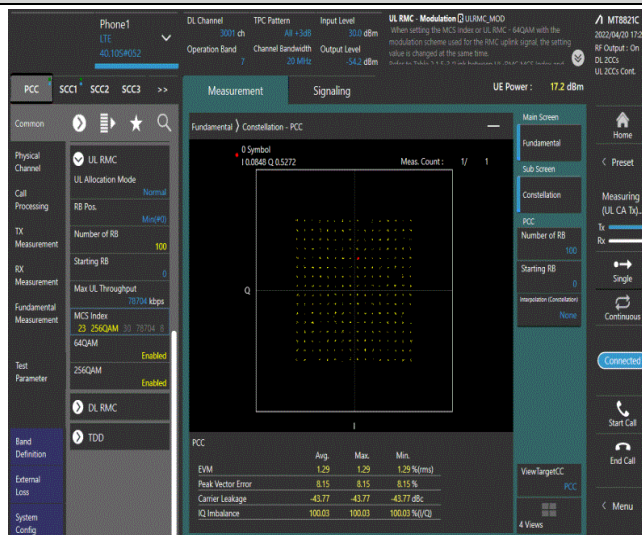
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7-7-20MHz-20MHz-64QAM-64QAM-221001-21199-100RB#0-100RB#0



7-7-20MHz-20MHz-256QAM-256QAM-21001-21199-100RB#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
7-7	10MHz-20MHz	QPSK-QPSK	20805-20949	50RB#0-100RB#0	27.57	28.98	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21006-21150	50RB#0-100RB#0	27.713	29.52	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21206-21350	50RB#0-100RB#0	27.679	29.46	PASS
7-7	10MHz-20MHz	16QAM-16QAM	20805-20949	50RB#0-100RB#0	27.717	29.52	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21006-21150	50RB#0-100RB#0	27.643	29.22	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21206-21350	50RB#0-100RB#0	27.676	29.28	PASS
7-7	10MHz-20MHz	64QAM-64QAM	20805-20949	50RB#0-100RB#0	27.672	29.46	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21006-21150	50RB#0-100RB#0	27.633	29.28	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21206-21350	50RB#0-100RB#0	27.669	29.28	PASS
7-7	10MHz-20MHz	256QAM-256QAM	20805-20949	50RB#0-100RB#0	27.723	29.64	PASS
7-7	10MHz-20MHz	256QAM-256QAM	21006-21150	50RB#0-100RB#0	27.636	29.52	PASS
7-7	10MHz-20MHz	256QAM-256QAM	21206-21350	50RB#0-100RB#0	27.650	29.28	PASS
7-7	15MHz-10MHz	QPSK-QPSK	20825-20945	75RB#0-50RB#0	23.137	24.90	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21051-21171	75RB#0-50RB#0	23.161	24.95	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21277-21397	75RB#0-50RB#0	23.156	24.90	PASS
7-7	15MHz-10MHz	16QAM-16QAM	20825-20945	75RB#0-50RB#0	23.159	24.95	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21051-21171	75RB#0-50RB#0	23.100	24.85	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21277-21397	75RB#0-50RB#0	23.122	25.00	PASS
7-7	15MHz-10MHz	64QAM-64QAM	20825-20945	75RB#0-50RB#0	23.148	24.95	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21051-21171	75RB#0-50RB#0	23.146	24.90	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21277-21397	75RB#0-50RB#0	23.073	24.90	PASS
7-7	15MHz-10MHz	256QAM-256QAM	20825-20945	75RB#0-50RB#0	23.120	24.75	PASS
7-7	15MHz-10MHz	256QAM-256QAM	21051-21171	75RB#0-50RB#0	23.105	25.00	PASS
7-7	15MHz-10MHz	256QAM-256QAM	21277-21397	75RB#0-50RB#0	23.067	24.90	PASS
7-7	15MHz-15MHz	QPSK-QPSK	20825-20975	75RB#0-75RB#0	28.304	30.36	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21025-21175	75RB#0-75RB#0	28.228	30.12	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21225-21375	75RB#0-75RB#0	28.263	30.24	PASS
7-7	15MHz-15MHz	16QAM-16QAM	20825-20975	75RB#0-75RB#0	28.315	30.24	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21025-21175	75RB#0-75RB#0	28.265	30.12	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21225-21375	75RB#0-75RB#0	28.272	30.30	PASS



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7-7	15MHz-15MHz	64QAM-64QAM	20825-20975	75RB#0-75RB#0	28.295	30.18	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21025-21175	75RB#0-75RB#0	28.254	30.18	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21225-21375	75RB#0-75RB#0	28.280	30.30	PASS
7-7	15MHz-15MHz	256QAM-256QAM	20825-20975	75RB#0-75RB#0	28.231	30.00	PASS
7-7	15MHz-15MHz	256QAM-256QAM	21025-21175	75RB#0-75RB#0	28.277	30.18	PASS
7-7	15MHz-15MHz	256QAM-256QAM	21225-21375	75RB#0-75RB#0	28.257	30.06	PASS
7-7	15MHz-20MHz	QPSK-QPSK	20828-20999	75RB#0-100RB#0	32.568	34.51	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21003-21174	75RB#0-100RB#0	32.577	34.44	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21179-21350	75RB#0-100RB#0	32.653	34.58	PASS
7-7	15MHz-20MHz	16QAM-16QAM	20828-20999	75RB#0-100RB#0	32.571	34.44	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21003-21174	75RB#0-100RB#0	32.451	34.44	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21179-21350	75RB#0-100RB#0	32.540	34.65	PASS
7-7	15MHz-20MHz	64QAM-64QAM	20828-20999	75RB#0-100RB#0	32.557	34.51	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21003-21174	75RB#0-100RB#0	32.488	34.72	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21179-21350	75RB#0-100RB#0	32.570	34.44	PASS
7-7	15MHz-20MHz	256QAM-256QAM	20828-20999	75RB#0-100RB#0	32.523	34.44	PASS
7-7	15MHz-20MHz	256QAM-256QAM	21003-21174	75RB#0-100RB#0	32.507	34.51	PASS
7-7	15MHz-20MHz	256QAM-256QAM	21179-21350	75RB#0-100RB#0	32.570	34.86	PASS
7-7	20MHz-10MHz	QPSK-QPSK	20850-20994	100RB#0-50RB#0	27.702	29.70	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21051-21195	100RB#0-50RB#0	27.758	29.70	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21251-21395	100RB#0-50RB#0	27.746	29.64	PASS
7-7	20MHz-10MHz	16QAM-16QAM	20850-20994	100RB#0-50RB#0	27.762	29.70	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21051-21195	100RB#0-50RB#0	27.696	29.82	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21251-21395	100RB#0-50RB#0	27.686	29.76	PASS
7-7	20MHz-10MHz	64QAM-64QAM	20850-20994	100RB#0-50RB#0	27.684	29.64	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21051-21195	100RB#0-50RB#0	27.702	29.76	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21251-21395	100RB#0-50RB#0	27.717	29.58	PASS
7-7	20MHz-10MHz	256QAM-256QAM	20850-20994	100RB#0-50RB#0	27.718	29.64	PASS
7-7	20MHz-10MHz	256QAM-256QAM	21051-21195	100RB#0-50RB#0	27.766	29.64	PASS
7-7	20MHz-10MHz	256QAM-256QAM	21251-21395	100RB#0-50RB#0	27.724	29.76	PASS
7-7	20MHz-15MHz	QPSK-QPSK	20850-21021	100RB#0-75RB#0	32.557	34.79	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21026-21197	100RB#0-75RB#0	32.603	34.72	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21201-21372	100RB#0-75RB#0	32.552	34.65	PASS
7-7	20MHz-15MHz	16QAM-16QAM	20850-21021	100RB#0-75RB#0	32.598	34.51	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21026-21197	100RB#0-75RB#0	32.551	34.58	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21201-21372	100RB#0-75RB#0	32.613	34.44	PASS
7-7	20MHz-15MHz	64QAM-64QAM	20850-21021	100RB#0-75RB#0	32.591	34.65	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21026-21197	100RB#0-75RB#0	32.558	34.65	PASS



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7-7	20MHz-15MHz	64QAM-64QAM	21201-21372	100RB#0-75RB#0	32.528	34.65	PASS
7-7	20MHz-15MHz	256QAM-256QAM	20850-21021	100RB#0-75RB#0	32.566	34.79	PASS
7-7	20MHz-15MHz	256QAM-256QAM	21026-21197	100RB#0-75RB#0	32.526	34.65	PASS
7-7	20MHz-15MHz	256QAM-256QAM	21201-21372	100RB#0-75RB#0	32.538	34.79	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	37.722	40.40	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	37.719	40.72	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	37.676	40.56	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	37.707	40.40	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	37.719	40.56	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	37.519	40.24	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	37.652	40.48	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	37.687	40.40	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	37.677	40.32	PASS
7-7	20MHz-20MHz	256QAM-256QAM	20850-21048	100RB#0-100RB#0	37.627	40.40	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21001-21199	100RB#0-100RB#0	37.704	40.56	PASS
7-7	20MHz-20MHz	256QAM-256QAM	21152-21350	100RB#0-100RB#0	37.652	40.48	PASS



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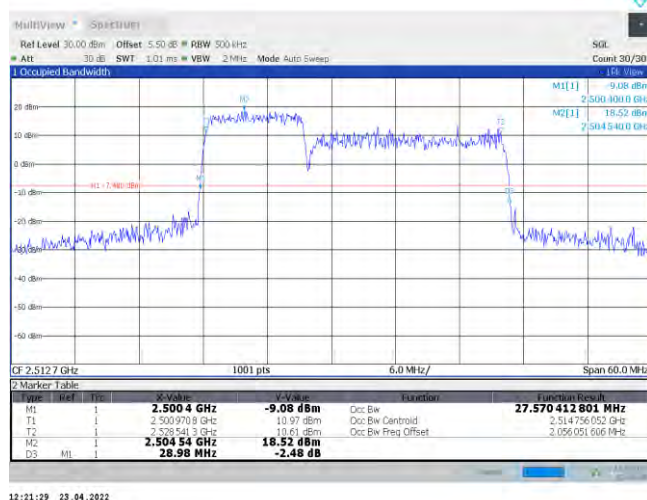
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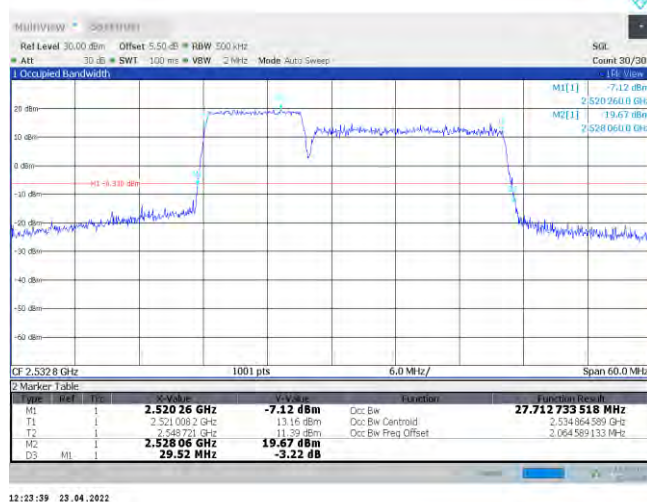
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Test Graphs

7-7-10MHz-20MHz-QPSK-QPSK-20805-20949-50RB#0-100RB#0



7-7-10MHz-20MHz-QPSK-QPSK-21006-21150-50RB#0-100RB#0



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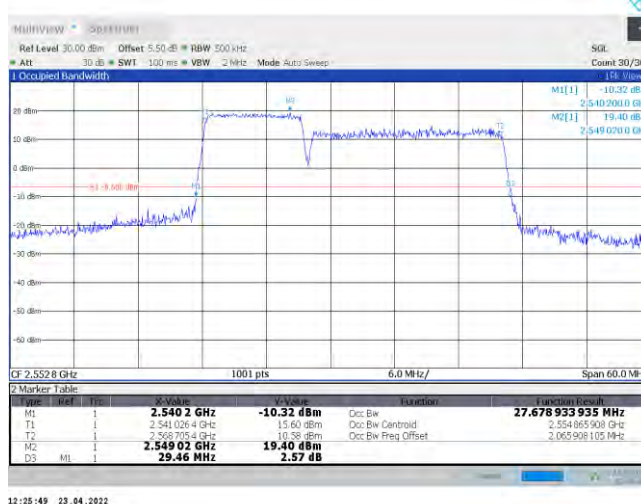
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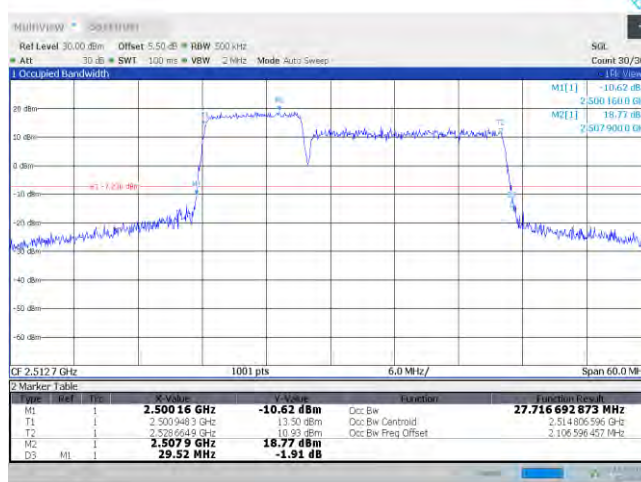
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7-7-10MHz-20MHz-QPSK-QPSK-21206-21350-50RB#0-100RB#0



12:25:49 23.04.2022

7-7-10MHz-20MHz-16QAM-16QAM-20805-20949-50RB#0-100RB#0



12:22:00 23.04.2022



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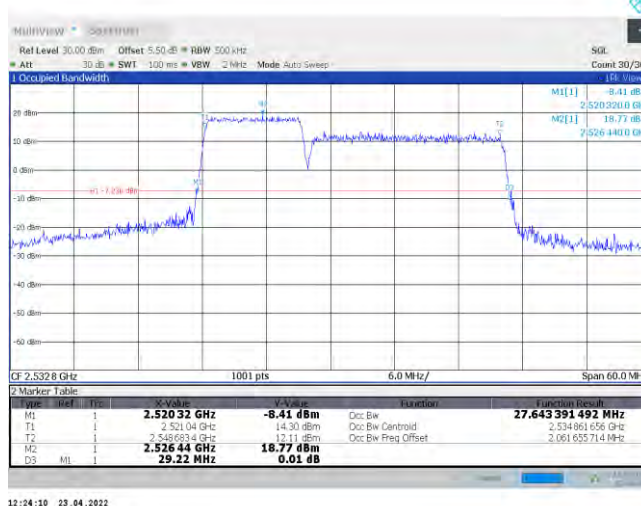
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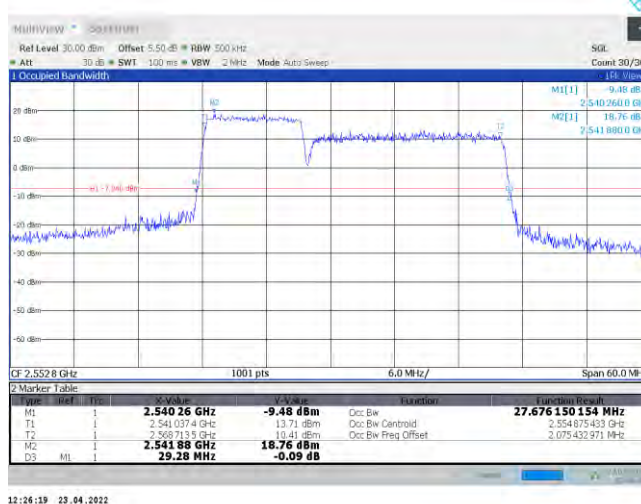
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7-7-10MHz-20MHz-16QAM-16QAM-21006-21150-50RB#0-100RB#0



12:24:10 23.04.2022

7-7-10MHz-20MHz-16QAM-16QAM-21206-21350-50RB#0-100RB#0



12:24:19 23.04.2022



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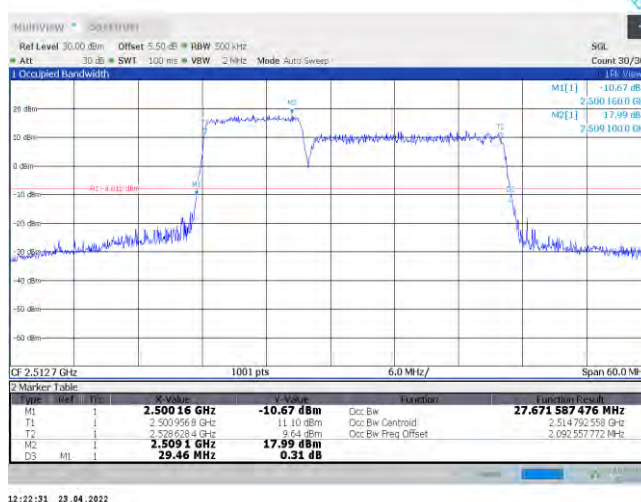
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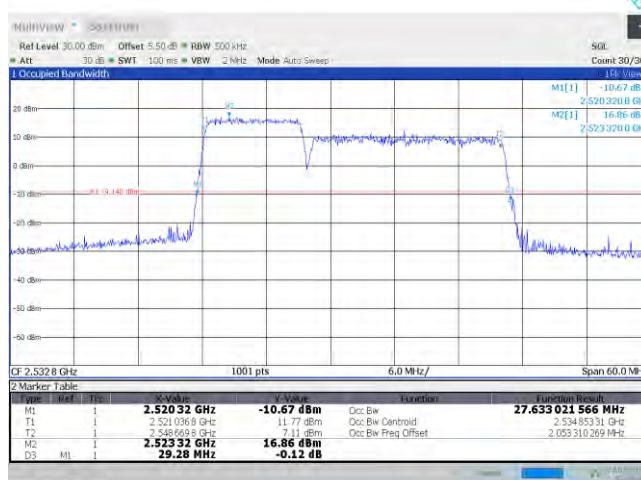
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7-7-10MHz-20MHz-64QAM-64QAM-20805-20949-50RB#0-100RB#0



12:22:31 23.04.2022

7-7-10MHz-20MHz-64QAM-64QAM-21006-21150-50RB#0-100RB#0



12:24:41 23.04.2022



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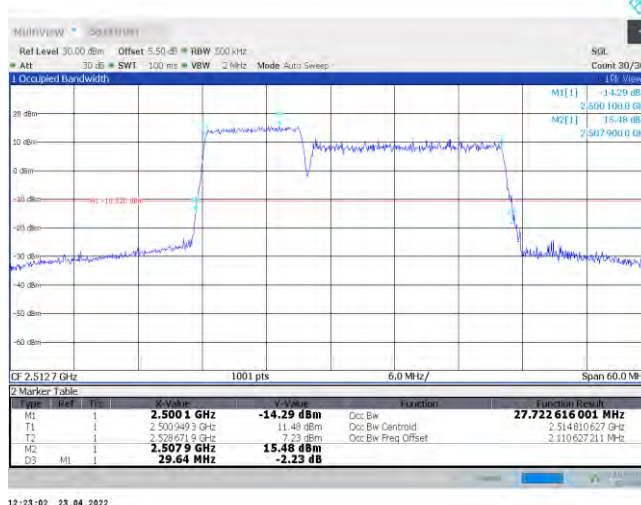
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7-7-10MHz-20MHz-64QAM-64QAM-21206-21350-50RB#0-100RB#0



12:26:50 23.04.2022

7-7-10MHz-20MHz-256QAM-256QAM-20805-20949-50RB#0-100RB#0



12:23:02 23.04.2022



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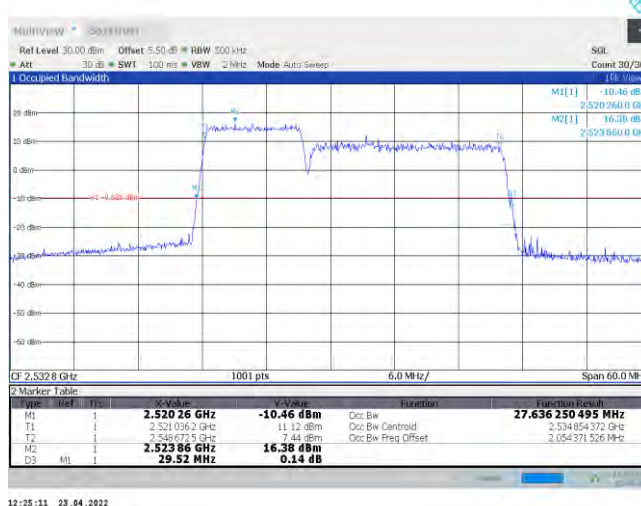
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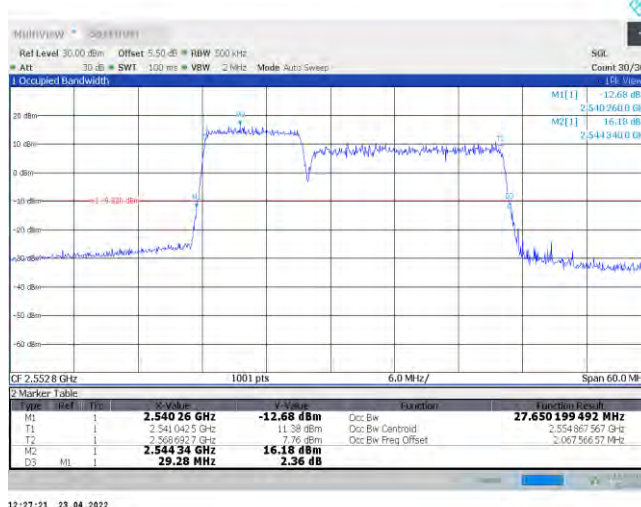
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7-7-10MHz-20MHz-256QAM-256QAM-21006-21150-50RB#0-100RB#0



12:25:11 23.04.2022

7-7-10MHz-20MHz-256QAM-256QAM-21206-21350-50RB#0-100RB#0



12:27:21 23.04.2022



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7-7-15MHz-10MHz-QPSK-QPSK-20825-20945-75RB#0-50RB#0



13:33:14 18.04.2022

7-7-15MHz-10MHz-QPSK-QPSK-21051-21171-75RB#0-50RB#0



13:30:11 20.04.2022



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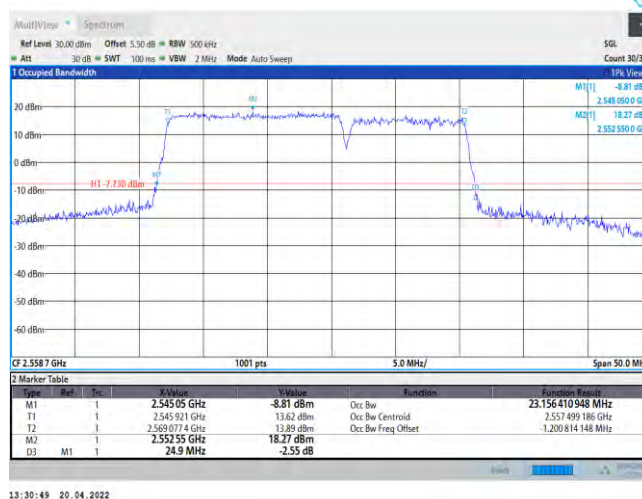
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7-7-15MHz-10MHz-QPSK-QPSK-21277-21397-75RB#0-50RB#0



13:30:49 20.04.2022

7-7-15MHz-10MHz-16QAM-16QAM-20825-20945-75RB#0-50RB#0



13:33:45 18.04.2022



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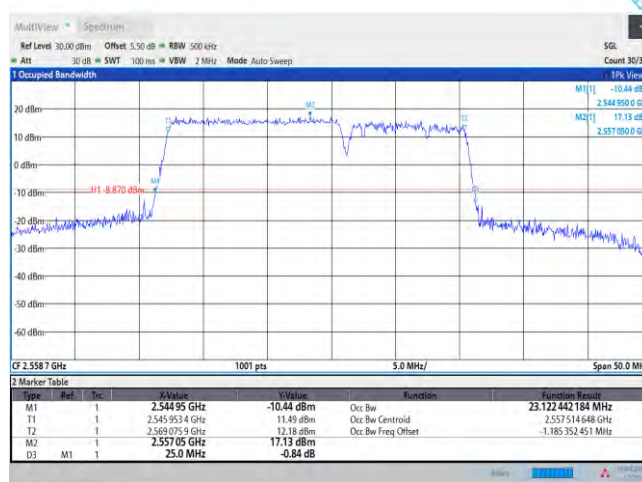
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13:38:06 18.04.2022



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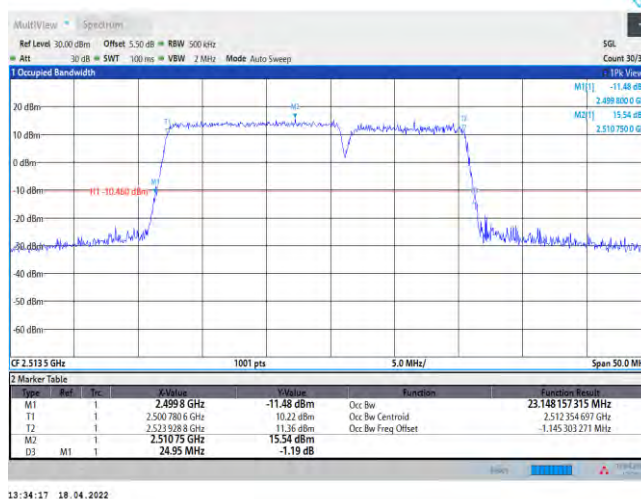
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13:34:17 18.04.2022

7-7-15MHz-10MHz-64QAM-64QAM-21051-21171-75RB#0-50RB#0



13:36:27 18.04.2022



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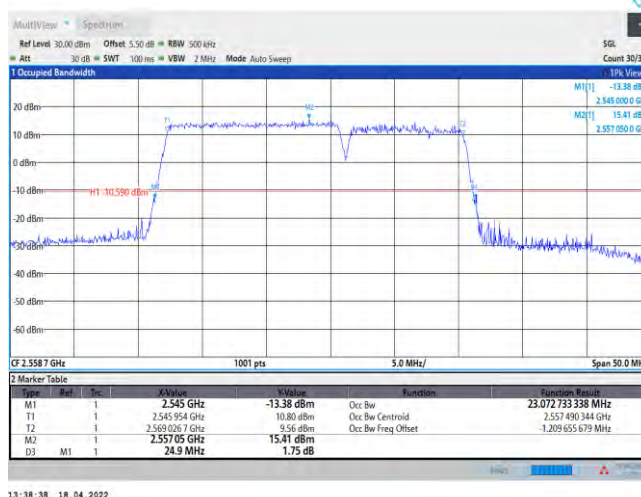
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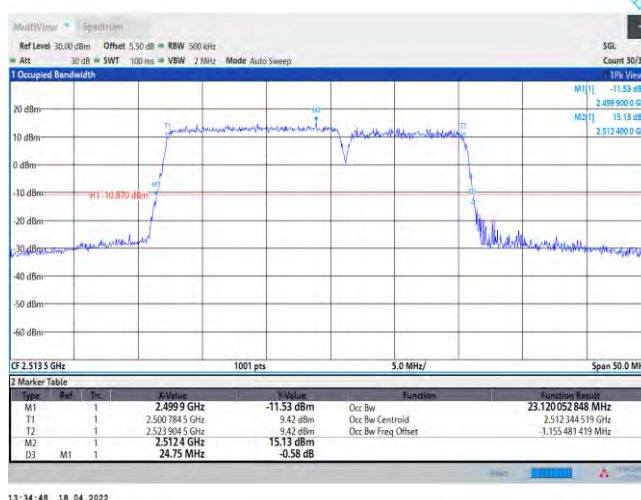
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7-7-15MHz-10MHz-64QAM-64Q3AM-21277-21397-75RB#0-50RB#0



7-7-15MHz-10MHz-256QAM-256QAM-20825-20945-75RB#0-50RB#0



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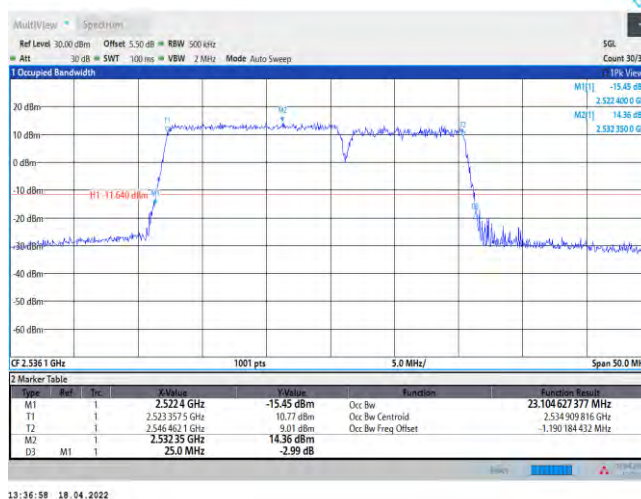
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7-7-15MHz-10MHz-256QAM-256QAM-21277-21397-75RB#0-50RB#0



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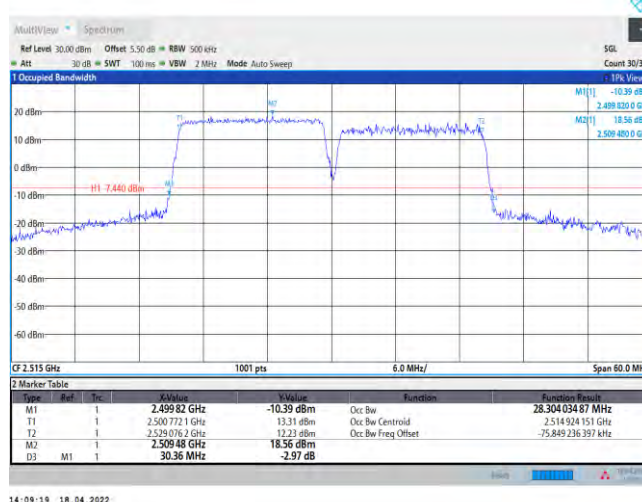
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7-7-15MHz-15MHz-QPSK-QPSK-20825-20975-75RB#0-75RB#0



14:09:19 18.04.2022

7-7-15MHz-15MHz-QPSK-QPSK-21025-21175-75RB#0-75RB#0



13:31:35 20.04.2022



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7-7-15MHz-15MHz-QPSK-QPSK-21225-21375-75RB#0-75RB#0



13:32:14 20.04.2022

7-7-15MHz-15MHz-16QAM-16QAM-20825-20975-75RB#0-75RB#0



14:09:50 18.04.2022



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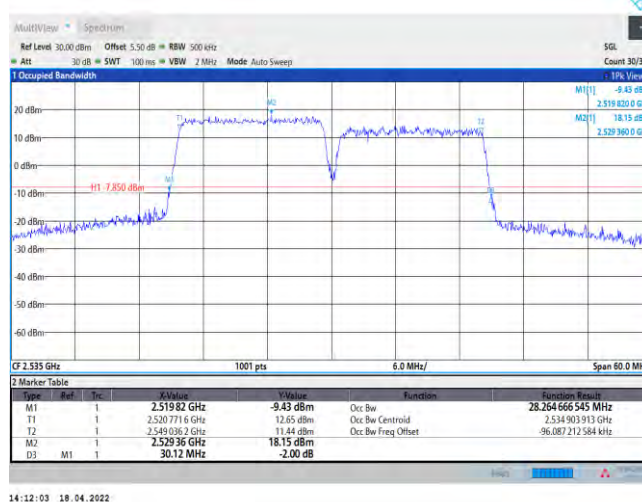
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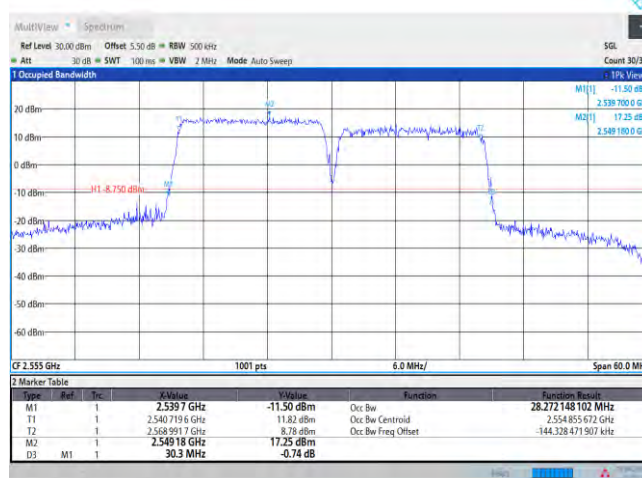
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7-7-15MHz-15MHz-16QAM-16QAM-21025-21175-75RB#0-75RB#0



14:12:03 18.04.2022

7-7-15MHz-15MHz-16QAM-16QAM-21225-21375-75RB#0-75RB#0



14:14:14 18.04.2022



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14:10:22 18.04.2022

7-7-15MHz-15MHz-64QAM-64QAM-21025-21175-75RB#0-75RB#0



14:12:34 18.04.2022



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7-7-15MHz-15MHz-256QAM-256QAM-20825-20975-75RB#0-75RB#0



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14:13:06 18.04.2022

7-7-15MHz-15MHz-256QAM-256QAM-21225-21375-75RB#0-75RB#0



14:15:17 18.04.2022



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14:31:54 19.04.2022

7-7-15MHz-20MHz-QPSK-QPSK-21003-21174-75RB#0-100RB#0



13:32:58 20.04.2022



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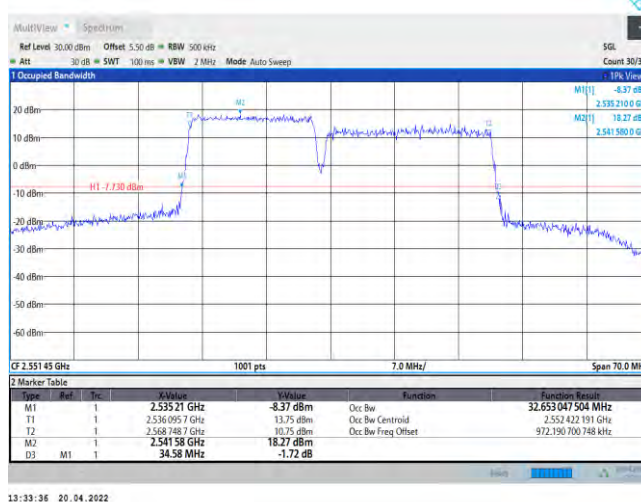
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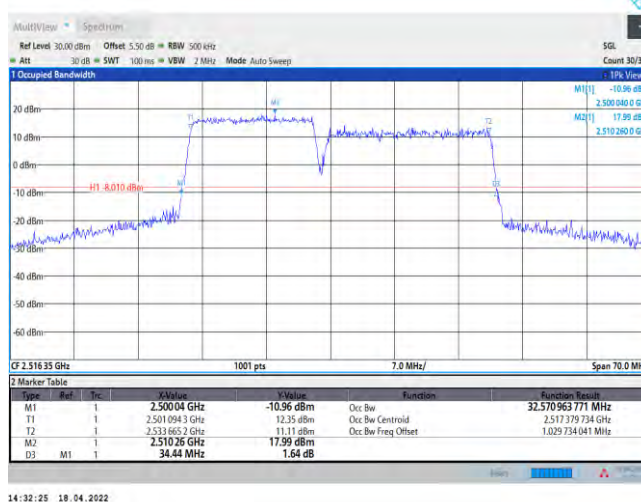
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7-7-15MHz-20MHz-QPSK-QPSK-21179-21350-75RB#0-100RB#0



13:33:36 20.04.2022

7-7-15MHz-20MHz-16QAM-16QAM-20828-20999-75RB#0-100RB#0



14:32:25 18.04.2022



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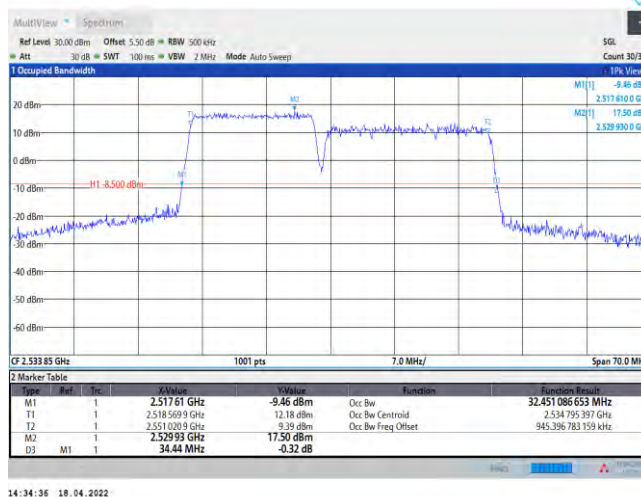
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14:34:36 18.04.2022

7-7-15MHz-20MHz-16QAM-16QAM-21179-21350-75RB#0-100RB#0



14:36:49 18.04.2022



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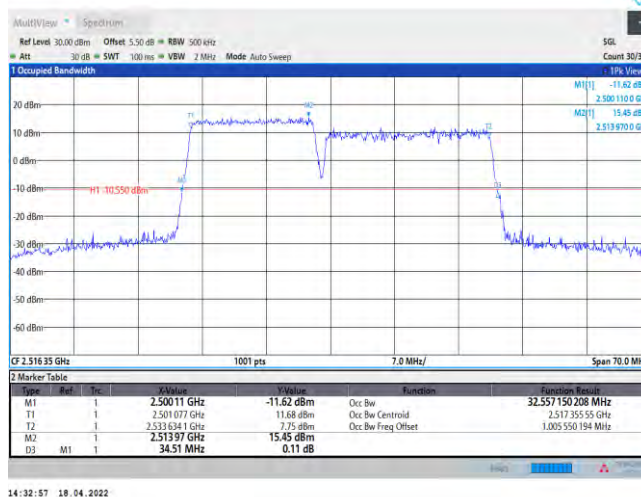
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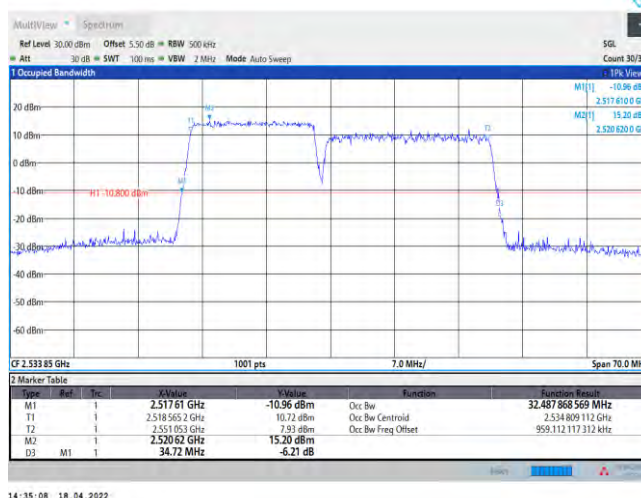
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14:32:57 18.04.2022

7-7-15MHz-20MHz-64QAM-64QAM-21003-21174-75RB#0-100RB#0



14:35:08 18.04.2022



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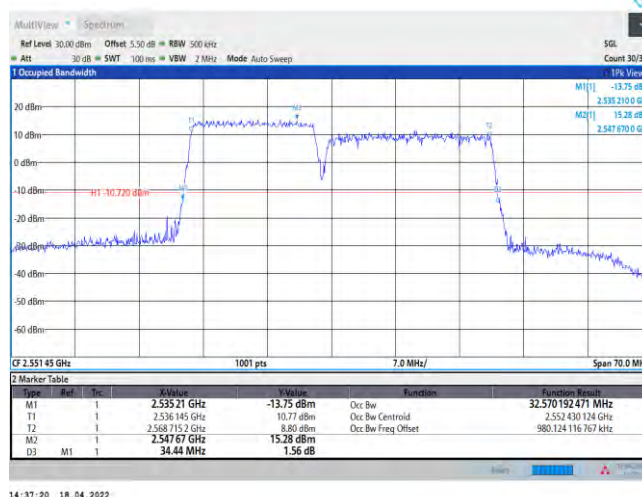
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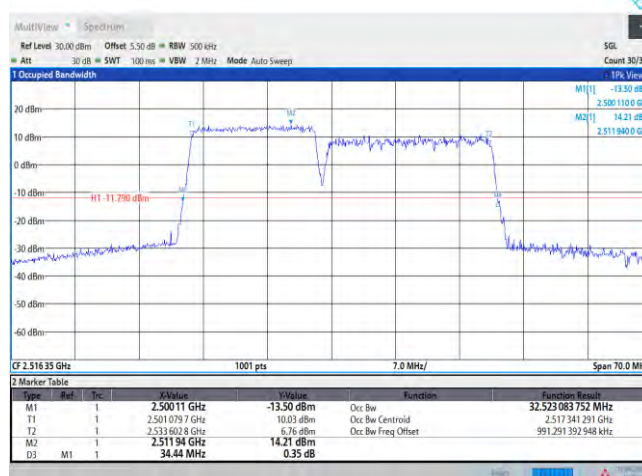
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14:37:20 18.04.2022

7-7-15MHz-20MHz-256QAM-256QAM-20828-20999-75RB#0-100RB#0



14:33:28 18.04.2022



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7-7-15MHz-20MHz-256QAM-256QAM-21179-21350-75RB#0-100RB#0



14:37:52 18.04.2022



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7-7-20MHz-10MHz-QPSK-QPSK-20850-20994-100RB#0-50RB#0



14:55:58 18.04.2022

7-7-20MHz-10MHz-QPSK-QPSK-21051-21195-100RB#0-50RB#0



13:34:55 20.04.2022



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13:35:33 20.04.2022

7-7-20MHz-10MHz-16QAM-16QAM-20850-20994-100RB#0-50RB#0



14:56:29 18.04.2022



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14:58:39 18.04.2022

7-7-20MHz-10MHz-16QAM-16QAM-21251-21395-100RB#0-50RB#0



15:00:50 18.04.2022



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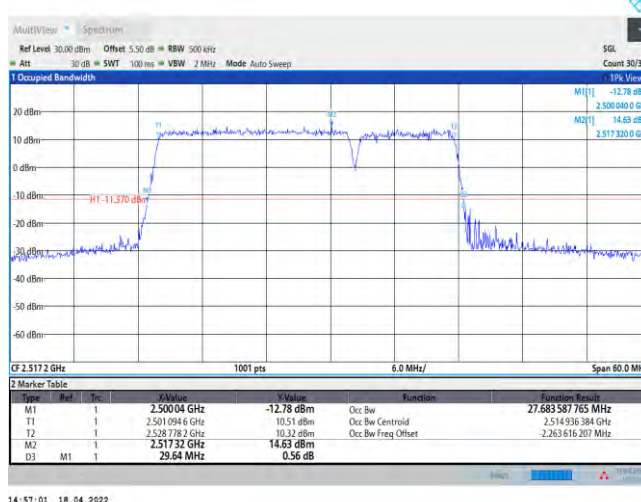
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14:57:01 18.04.2022

7-7-20MHz-10MHz-64QAM-64QAM-21051-21195-100RB#0-50RB#0



14:59:11 18.04.2022



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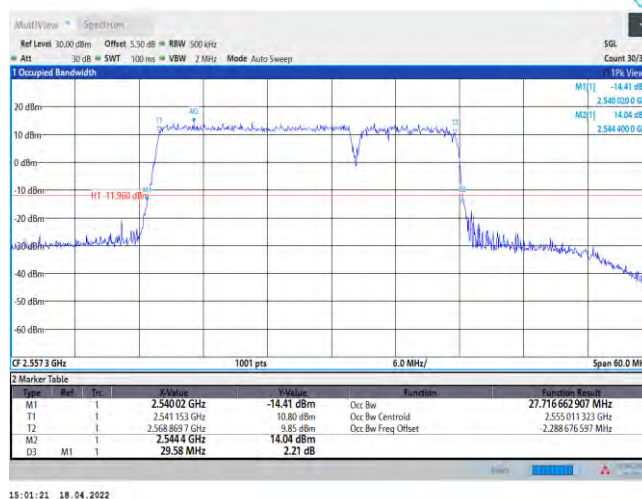
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15:01:21 18.04.2022

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14:57:32 18.04.2022



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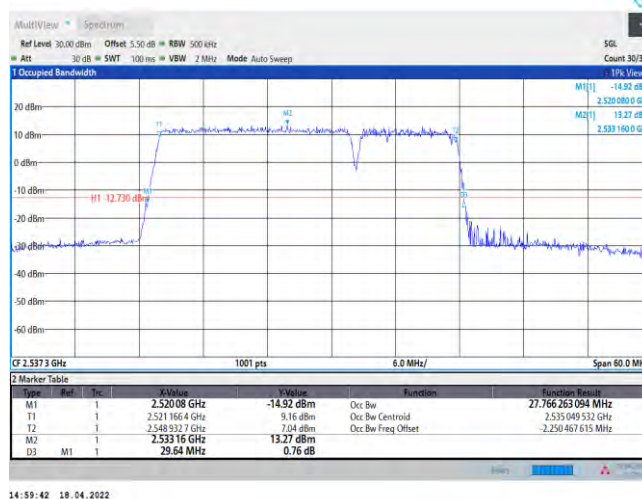
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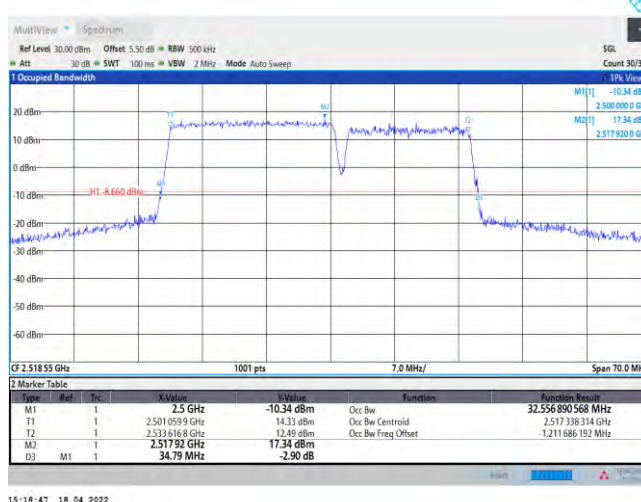
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15:18:47 19.04.2022

7-7-20MHz-15MHz-QPSK-QPSK-21026-21197-100RB#0-75RB#0



13:36:30 20.04.2022



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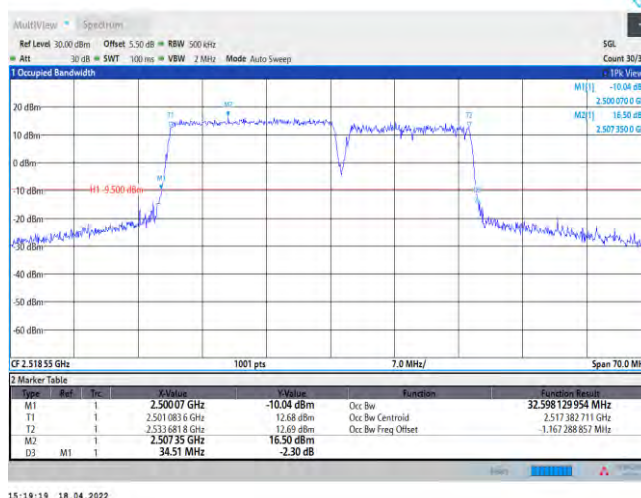
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13:37:06 20.04.2022

7-7-20MHz-15MHz-16QAM-16QAM-20850-21021-100RB#0-75RB#0



15:19:19 18.04.2022



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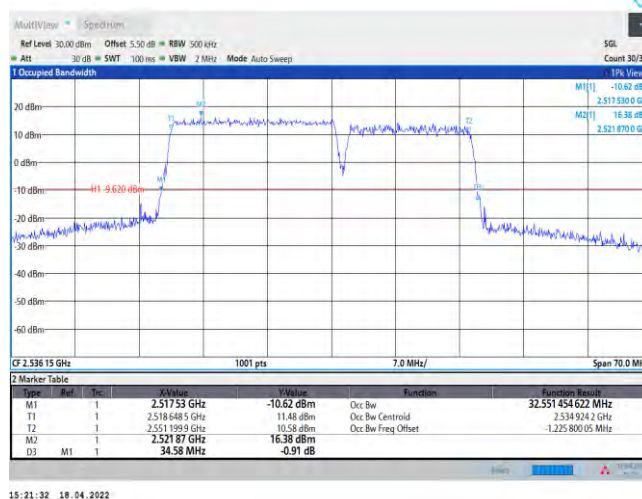
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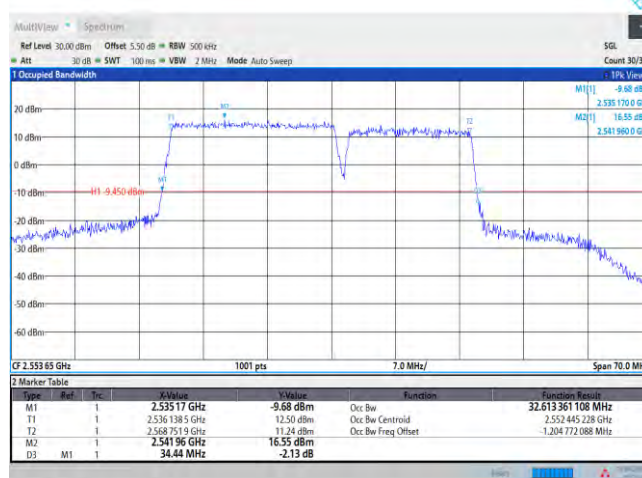
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15:21:32 18.04.2022

7-7-20MHz-15MHz-16QAM-16QAM-21201-21372-100RB#0-75RB#0



15:23:43 18.04.2022



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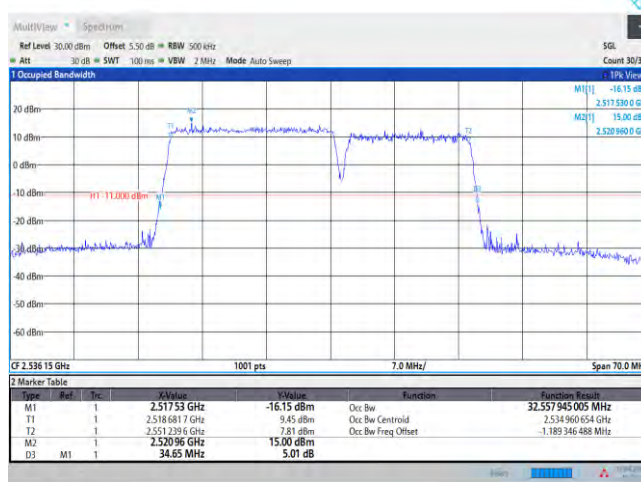
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7-7-20MHz-15MHz-64QAM-64QAM-20850-21021-100RB#0-75RB#0



15:19:50 18.04.2022

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15:22:03 18.04.2022



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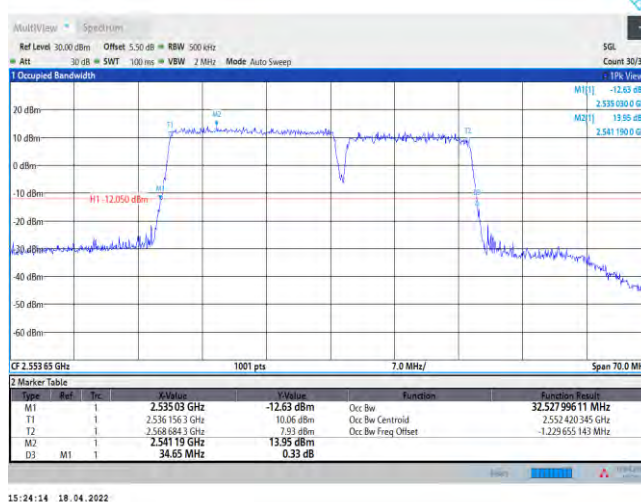
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15:24:14 18.04.2022

7-7-20MHz-15MHz-256QAM-256QAM-20850-21021-100RB#0-75RB#0



15:20:22 18.04.2022



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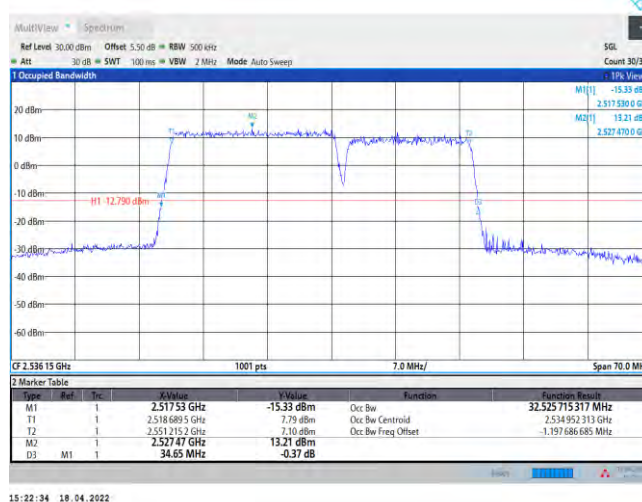
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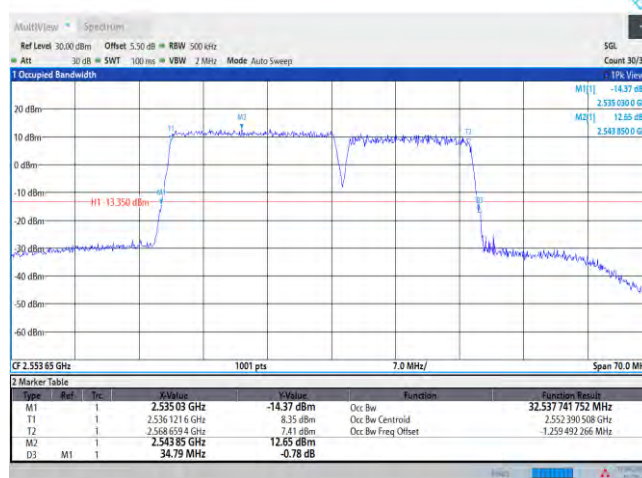
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15:22:34 18.04.2022

7-7-20MHz-15MHz-256QAM-256QAM-21201-21372-100RB#0-75RB#0



15:24:45 18.04.2022



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7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-100RB#0-100RB#0



15:51:11 19.04.2022

7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-100RB#0-100RB#0



13:39:19 20.04.2022



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7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-100RB#0-100RB#0



13:39:57 20.04.2022

7-7-20MHz-20MHz-16QAM-16QAM-20850-21048-100RB#0-100RB#0



15:51:43 18.04.2022



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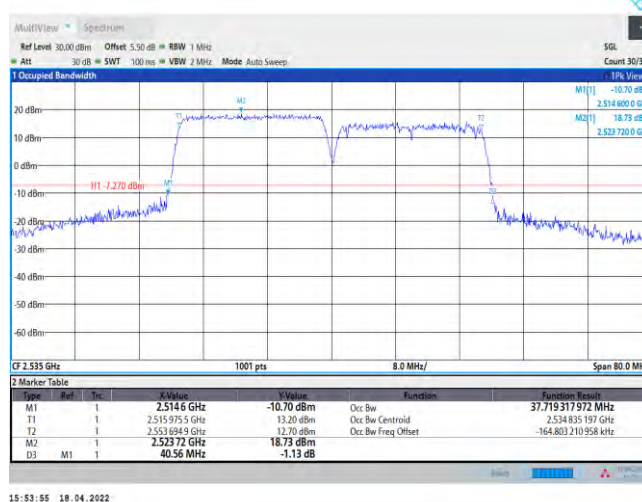
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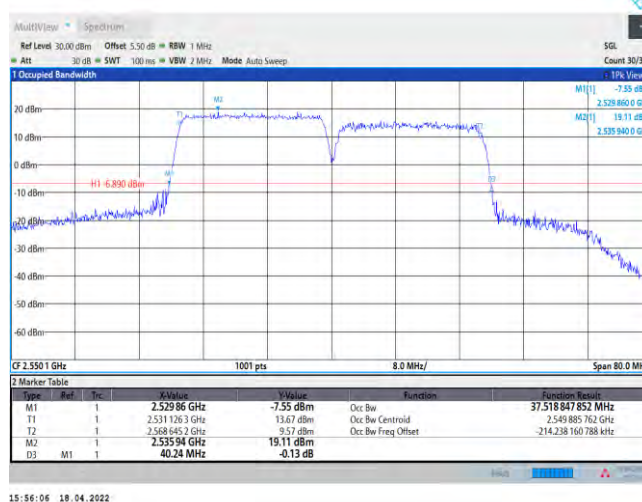
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7-7-20MHz-20MHz-16QAM-16QAM-21001-21199-100RB#0-100RB#0



7-7-20MHz-20MHz-16QAM-16QAM-21152-21350-100RB#0-100RB#0



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7-7-20MHz-20MHz-64QAM-64QAM-20850-21048-100RB#0-100RB#0



15:52:14 18.04.2022

7-7-20MHz-20MHz-64QAM-64QAM-21001-21199-100RB#0-100RB#0



15:54:27 18.04.2022



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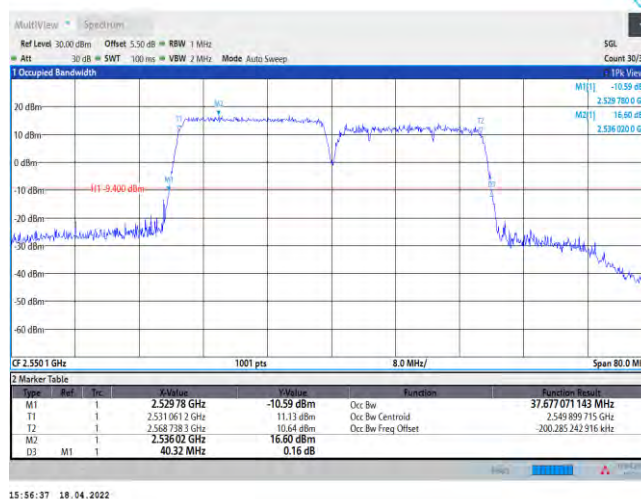
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7-7-20MHz-20MHz-64QAM-64QAM-21152-21350-100RB#0-100RB#0



7-7-20MHz-20MHz-256QAM-256QAM-20850-21048-100RB#0-100RB#0



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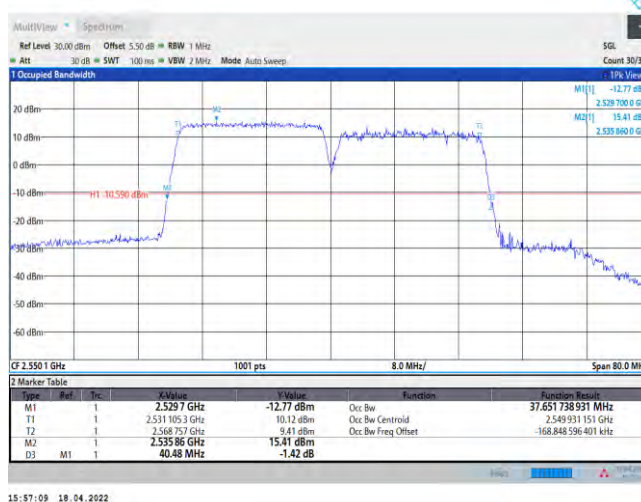
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7-7-20MHz-20MHz-256QAM-256QAM-21001-21199-100RB#0-100RB#0



7-7-20MHz-20MHz-256QAM-256QAM-21152-21350-100RB#0-100RB#0



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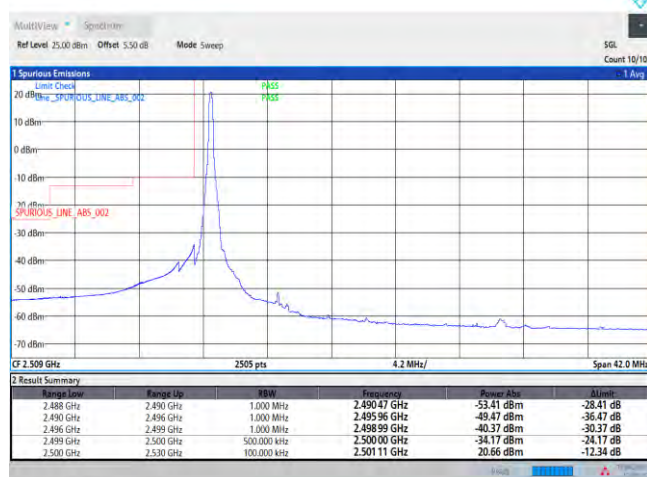
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Band Edge

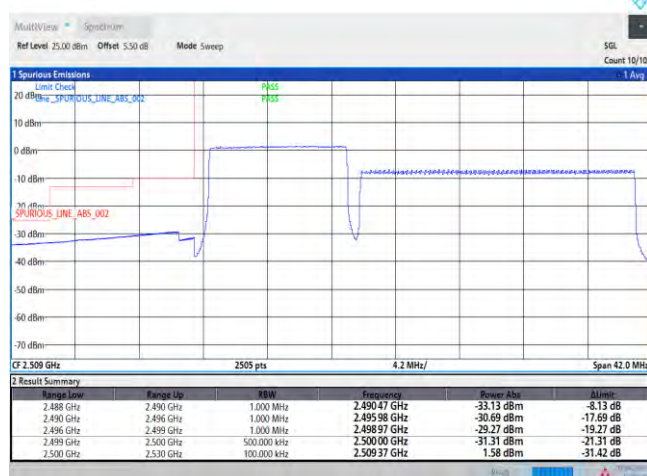
Test Graphs

7-7-10MHz-20MHz-QPSK-QPSK-20805-20949-1RB#0-0RB#0



13:42:26 18.04.2022

7-7-10MHz-20MHz-QPSK-QPSK-20805-20949-50RB#0-100RB#0



13:43:42 18.04.2022



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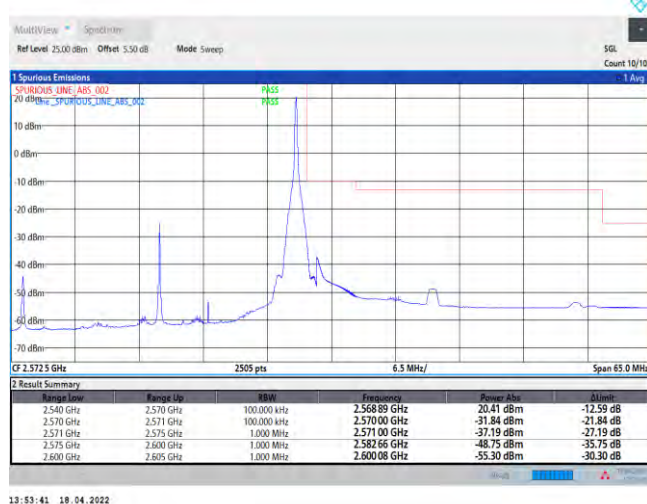
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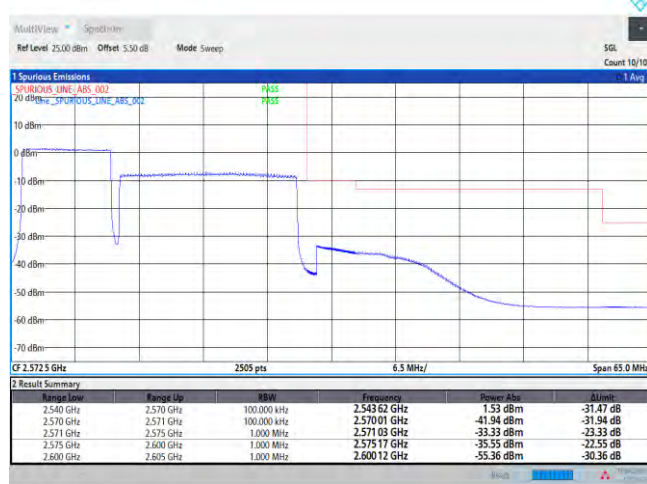
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7-7-10MHz-20MHz-QPSK-QPSK-21206-21350-0RB#0-1RB#99



13:53:41 18.04.2022

7-7-10MHz-20MHz-QPSK-QPSK-21206-21350-50RB#0-100RB#0



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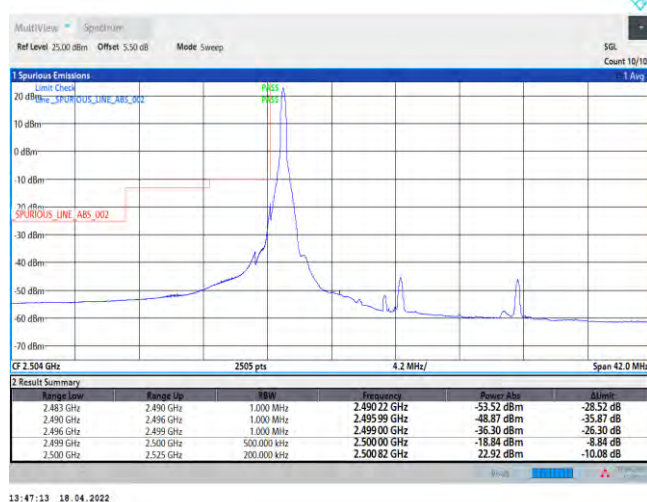
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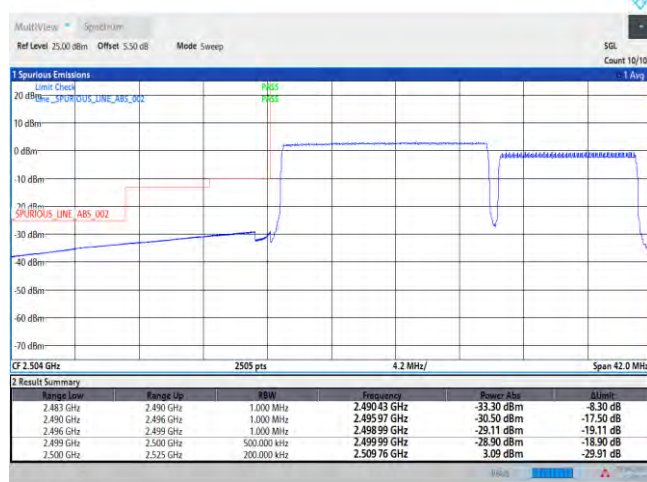
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13:47:13 18.04.2022

7-7-15MHz-10MHz-QPSK-QPSK-20825-20945-75RB#0-50RB#0



13:48:30 18.04.2022



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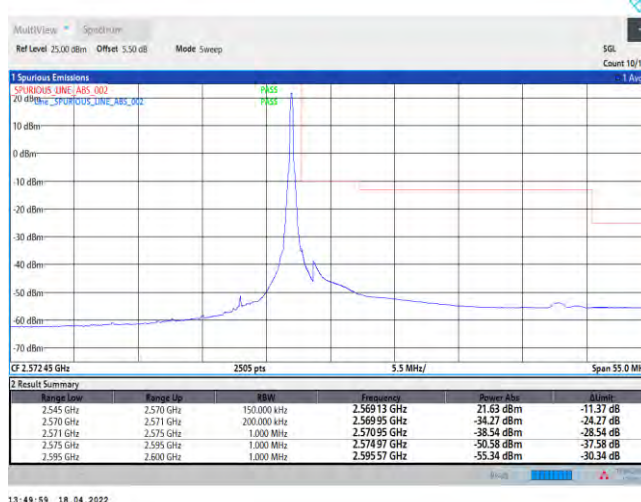
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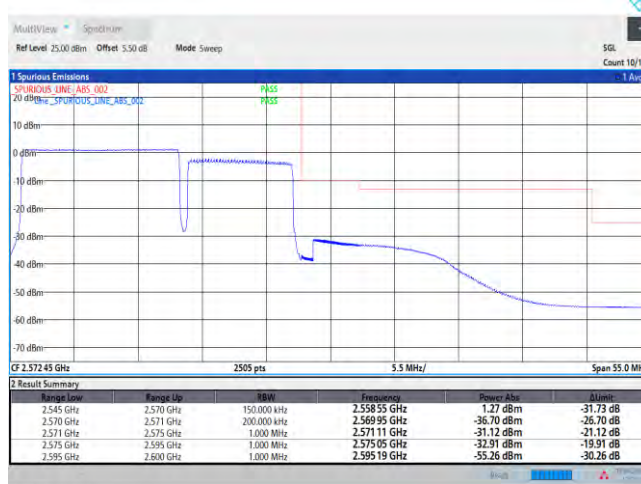
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7-7-15MHz-10MHz-QPSK-QPSK-21277-21397-0RB#0-1RB#49



13:49:59 18.04.2022

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13:51:15 18.04.2022



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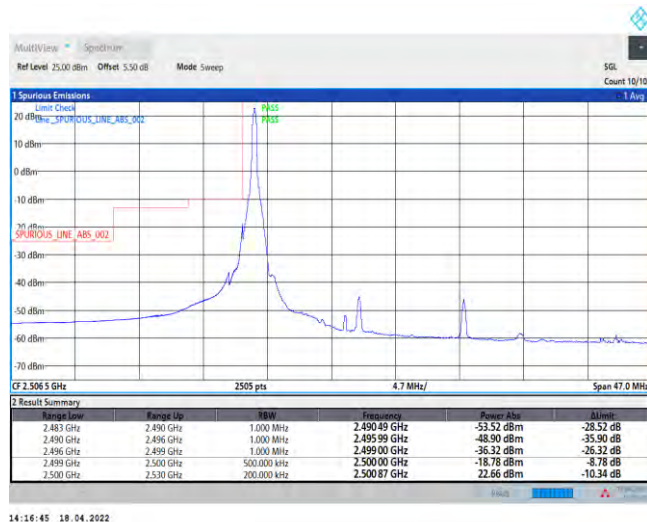
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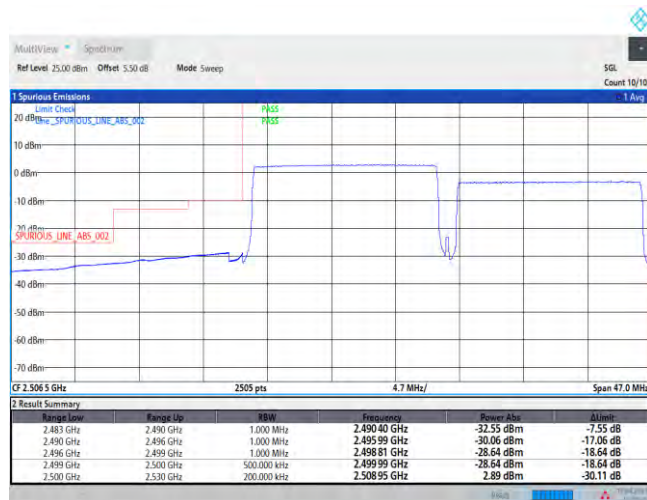
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7-7-15MHz-15MHz-QPSK-QPSK-20825-20975-1RB#0-0RB#0



14:16:45 18.04.2022

7-7-15MHz-15MHz-QPSK-QPSK-20825-20975-75RB#0-75RB#0



14:18:01 18.04.2022



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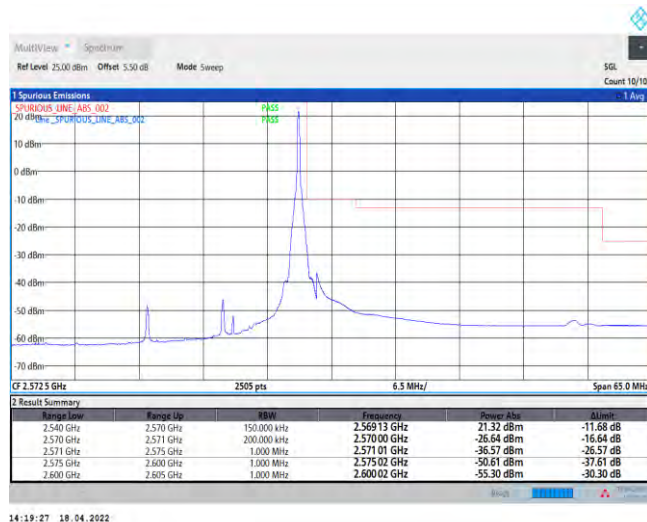
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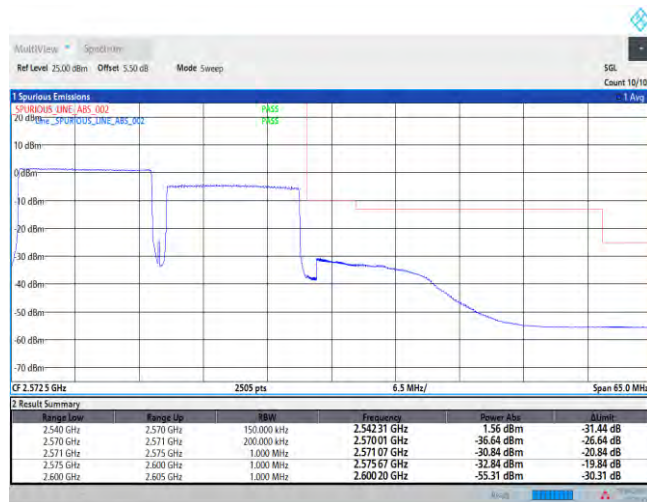
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7-7-15MHz-15MHz-QPSK-QPSK-21225-21375-0RB#0-1RB#74



14:19:27 18.04.2022

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14:20:44 18.04.2022



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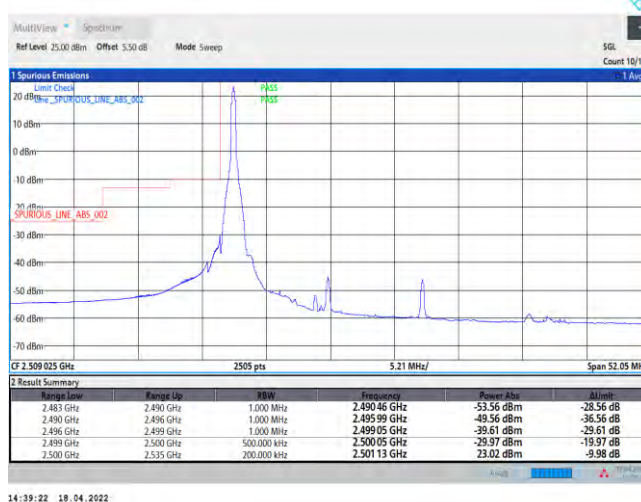
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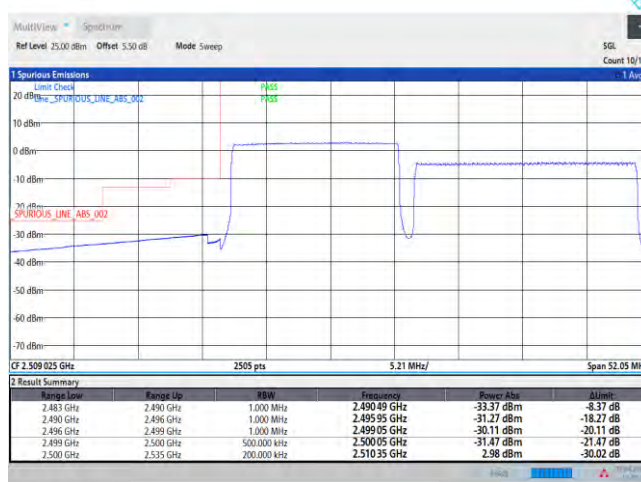
Page: 69 of 88

7-7-15MHz-20MHz-QPSK-QPSK-20828-20999-1RB#0-0RB#0



14:39:22 18.04.2022

7-7-15MHz-20MHz-QPSK-QPSK-20828-20999-75RB#0-100RB#0



14:40:38 18.04.2022



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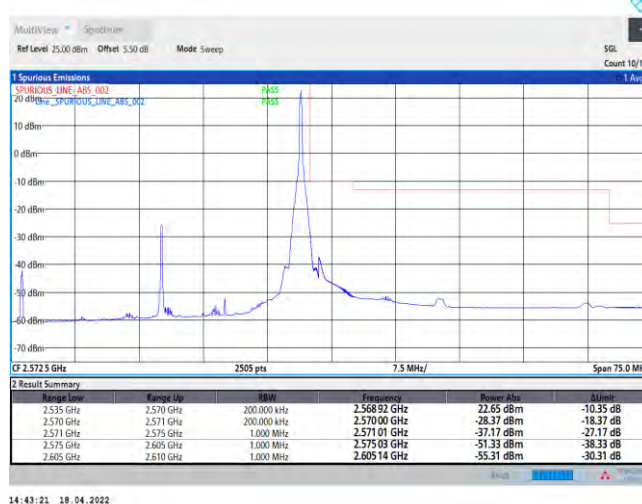
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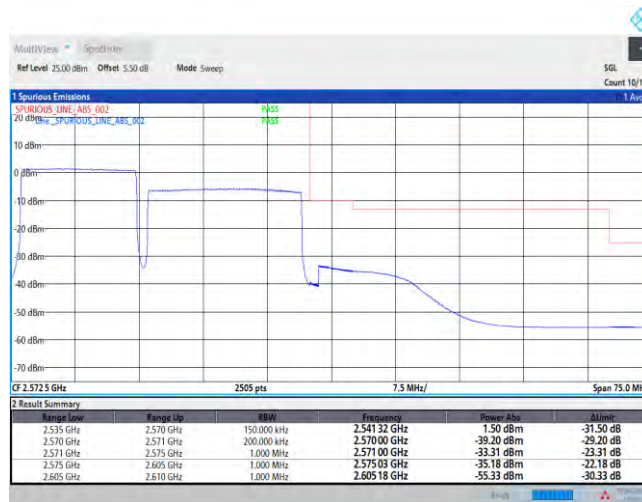
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7-7-15MHz-20MHz-QPSK-QPSK-21179-21350-0RB#0-1RB#99



14:43:21 18.04.2022

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14:44:37 18.04.2022



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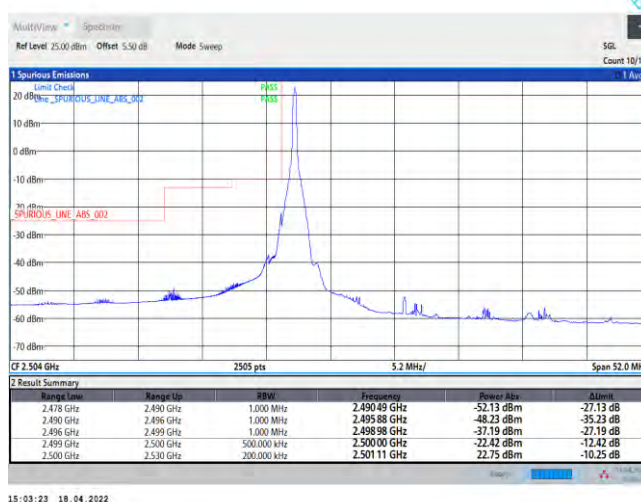
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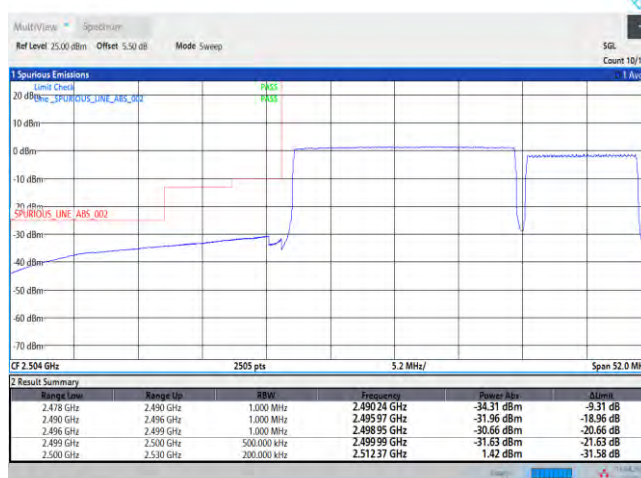
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15:03:23 18.04.2022

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15:04:39 18.04.2022



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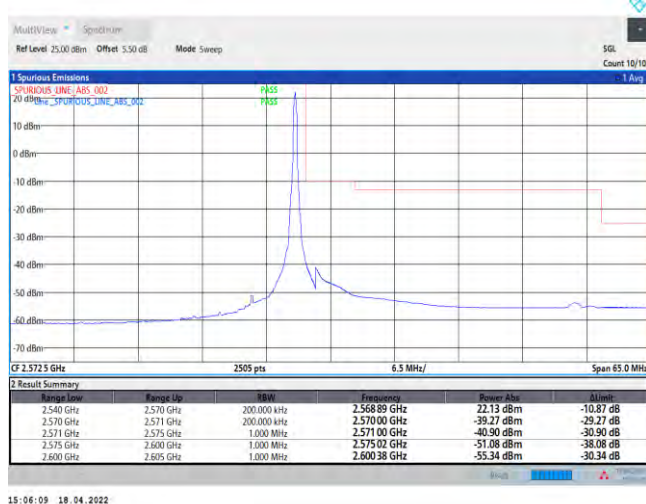
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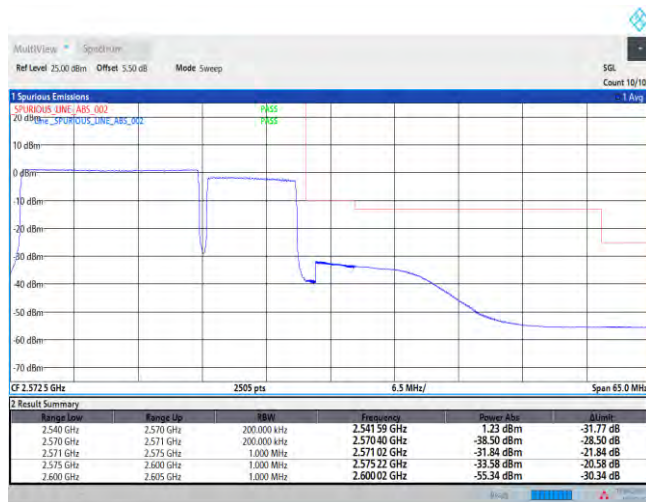
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7-7-20MHz-10MHz-QPSK-QPSK-21251-21395-0RB#0-1RB#49



15:06:09 18.04.2022

7-7-20MHz-10MHz-QPSK-QPSK-21251-21395-100RB#0-50RB#0



15:07:25 18.04.2022



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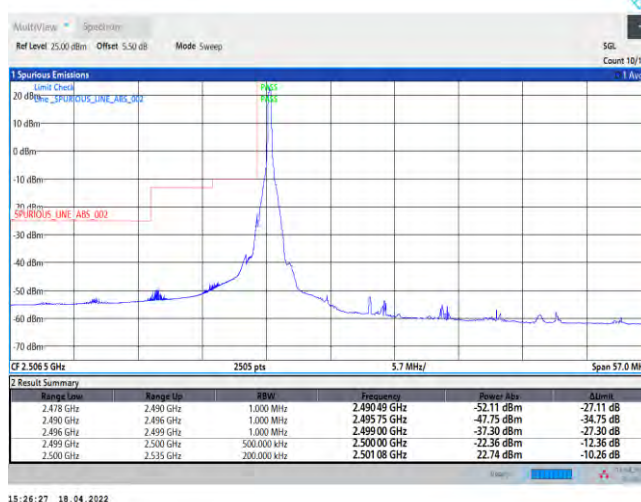
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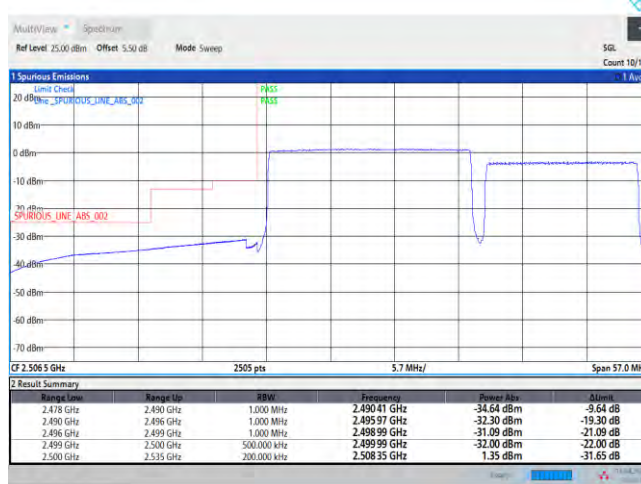
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7-7-20MHz-15MHz-QPSK-QPSK-20850-21021-1RB#0-0RB#0



15:26:27 18.04.2022

7-7-20MHz-15MHz-QPSK-QPSK-20850-21021-100RB#0-75RB#0



15:27:44 18.04.2022



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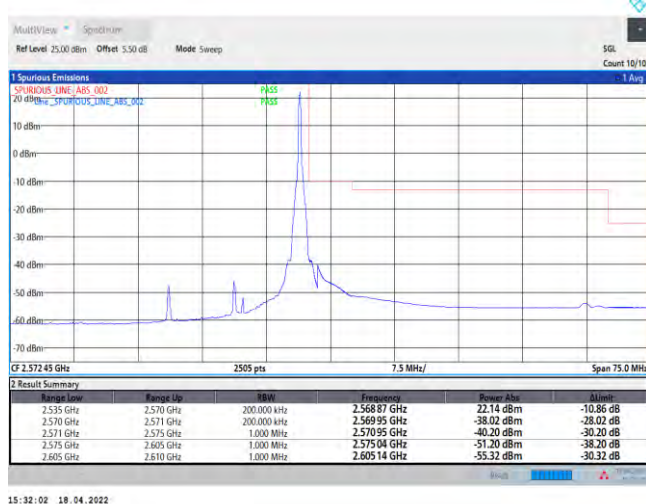
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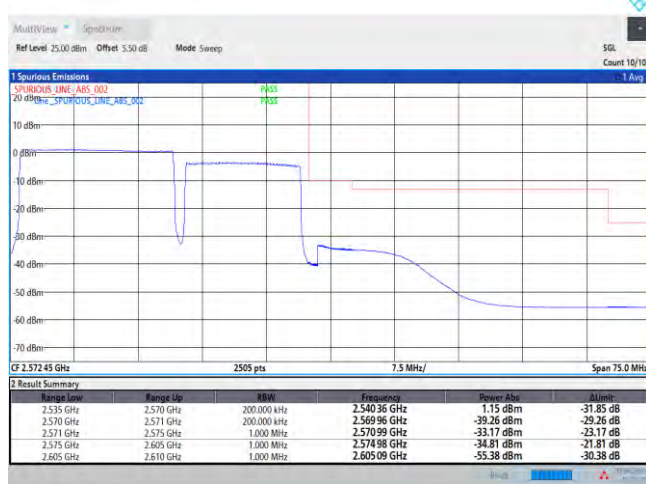
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7-7-20MHz-15MHz-QPSK-QPSK-21201-21372-0RB#0-1RB#74



15:32:02 18.04.2022

7-7-20MHz-15MHz-QPSK-QPSK-21201-21372-100RB#0-75RB#0



15:33:18 18.04.2022



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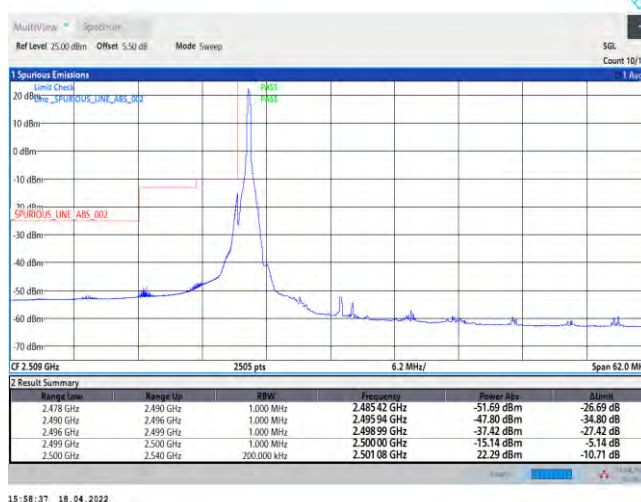
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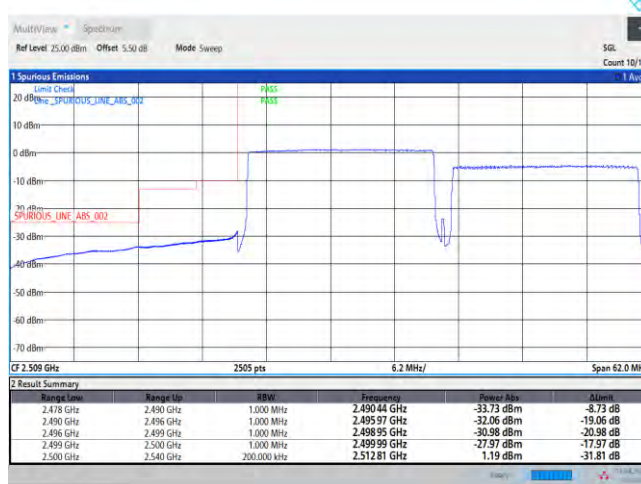
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7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-0RB#0



15:58:37 18.04.2022

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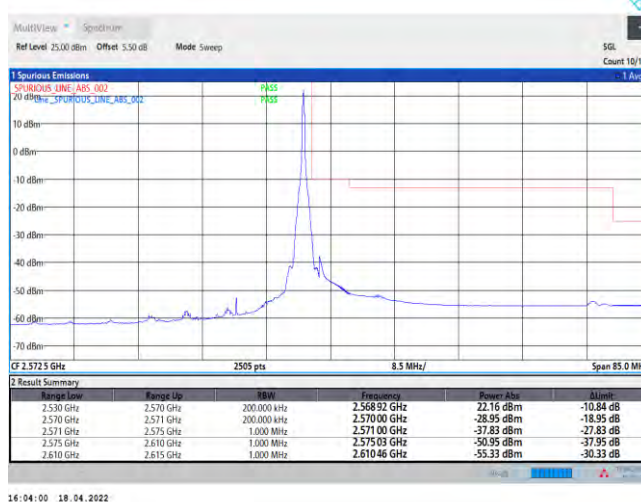
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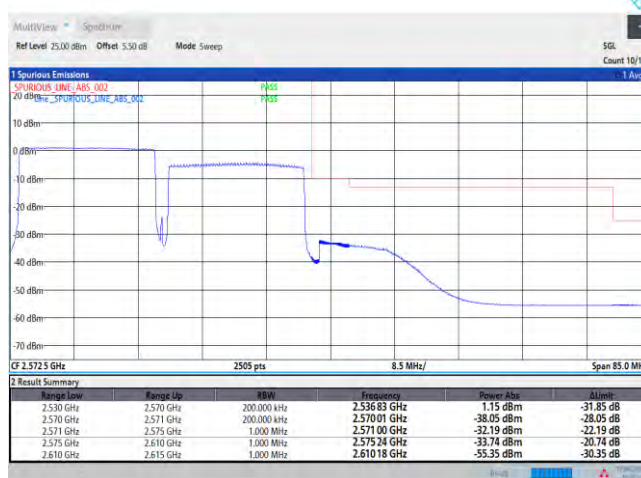
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7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-0RB#0-1RB#99



16:04:00 18.04.2022

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16:05:16 18.04.2022



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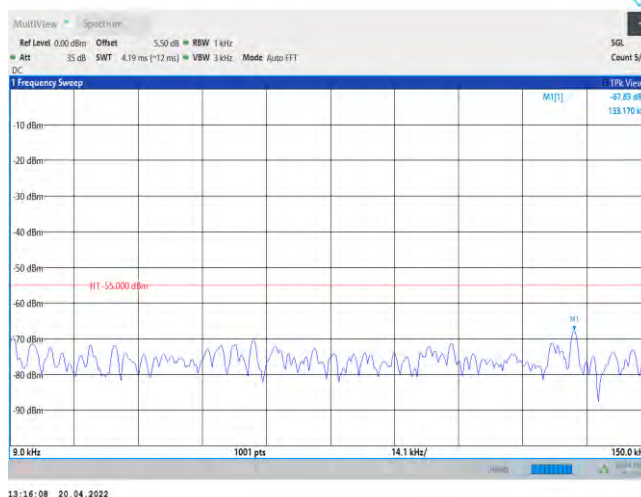
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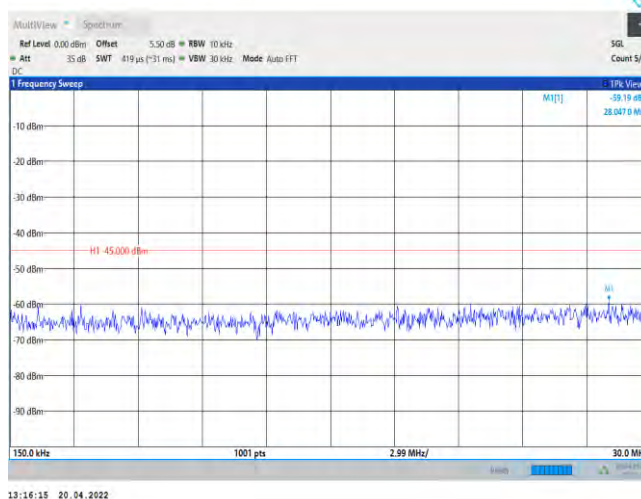
Conducted Spurious Emission

Test Graphs

7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-0RB#0-0.009~0.15MHz



7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-0RB#0-0.15~30MHz



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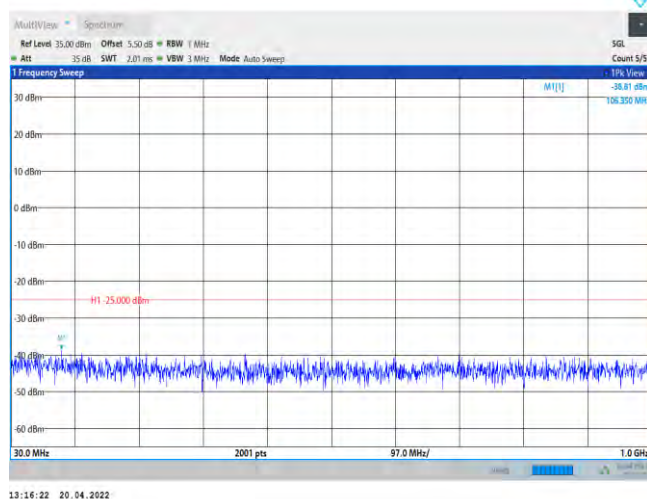
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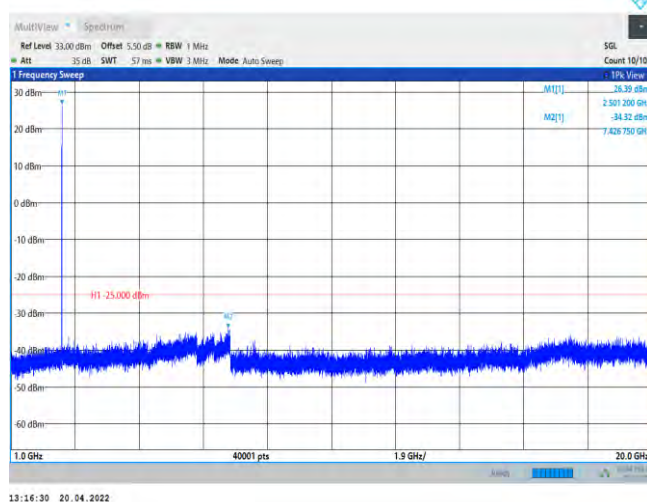
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7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-0RB#0-30~1000MHz



7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-0RB#0-1000~20000MHz



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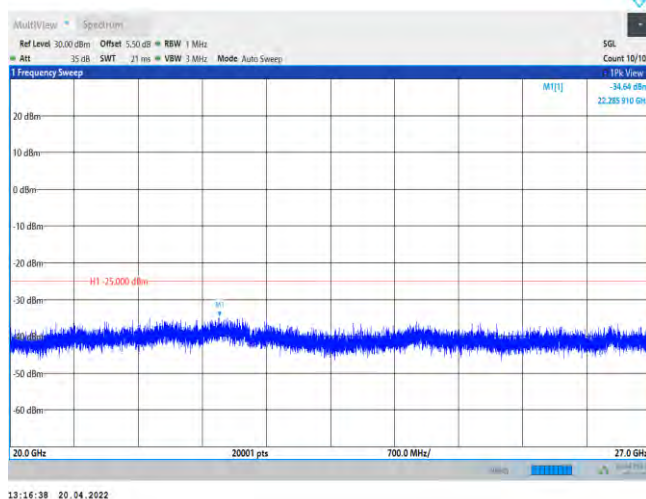
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Report No.: SEWM2304000122RG01

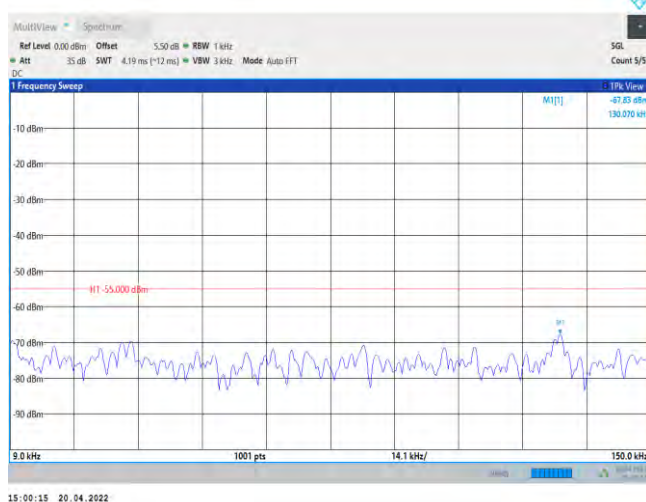
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7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-0RB#0-20000~27000MHz



7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0RB#0-0.009~0.15MHz



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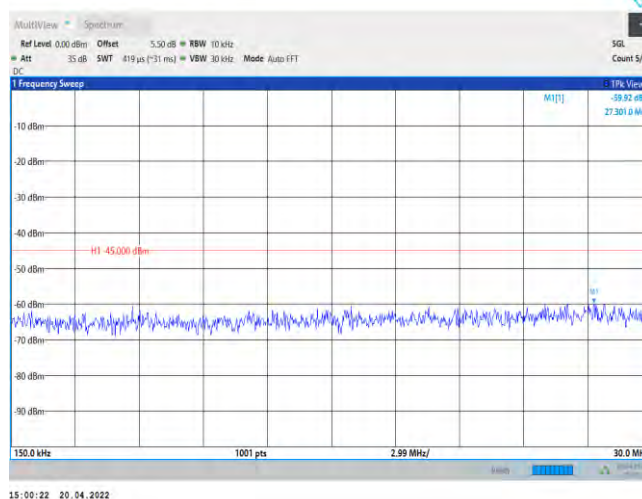
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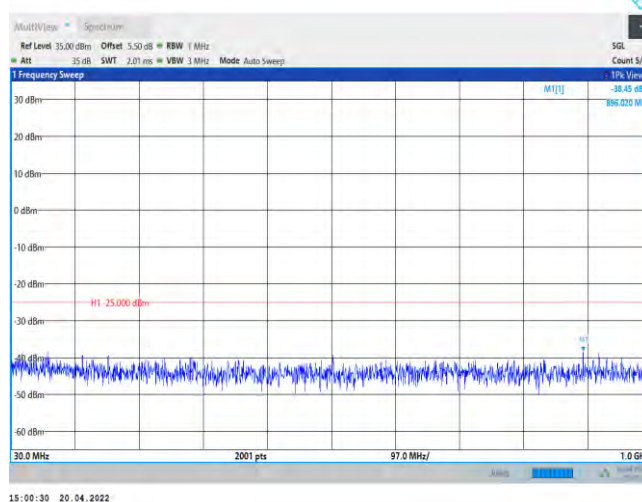
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7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0RB#0-0.15~30MHz



7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0RB#0-30~1000MHz



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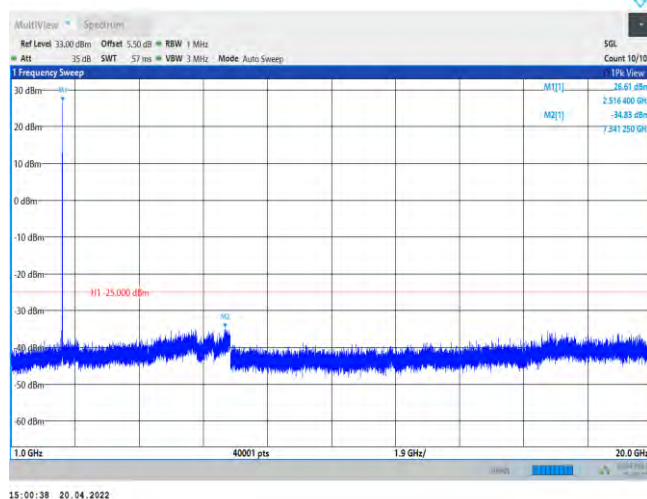
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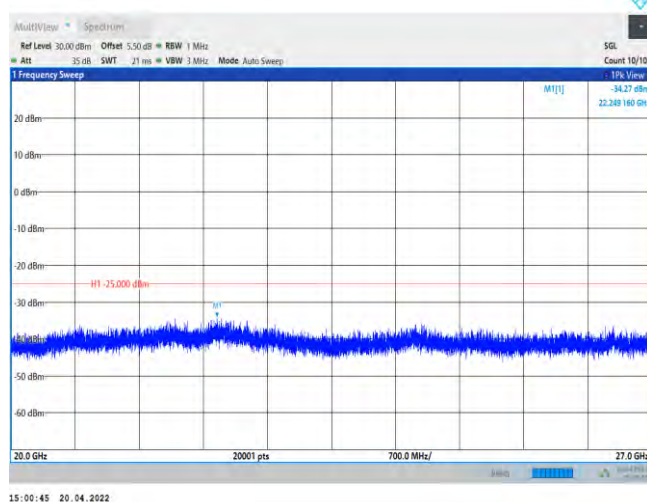
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7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0RB#0-1000~20000MHz



7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0RB#0-20000~27000MHz



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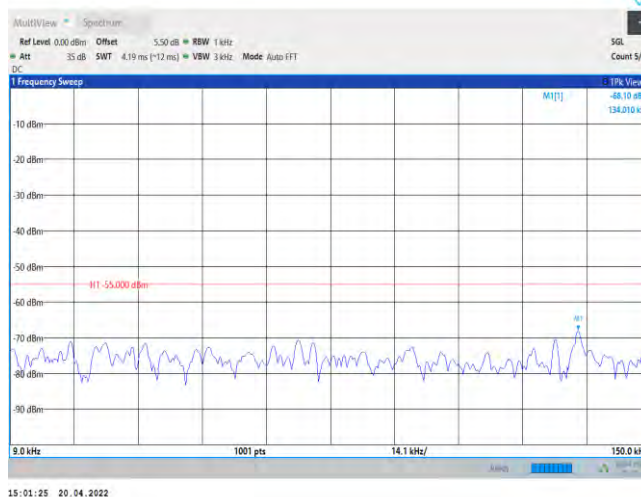
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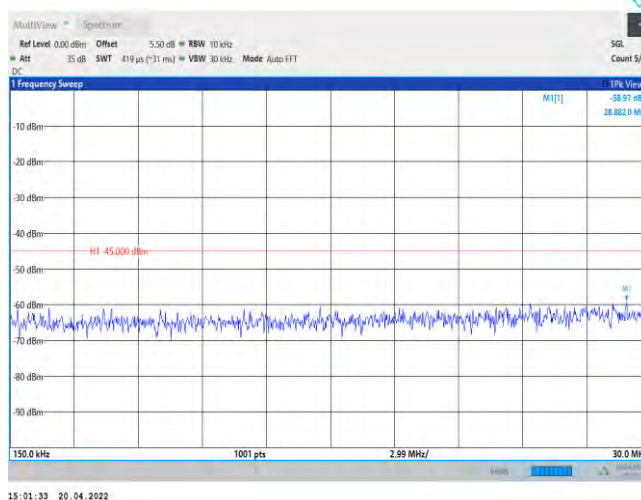
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7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0RB#0-0.009~0.15MHz



7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0RB#0-0.15~30MHz



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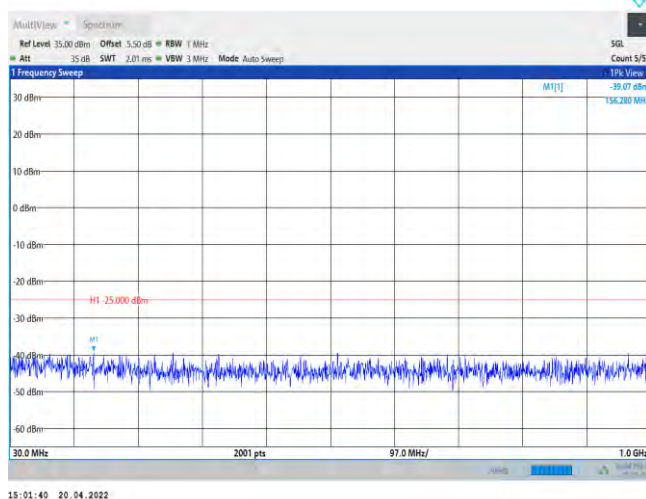
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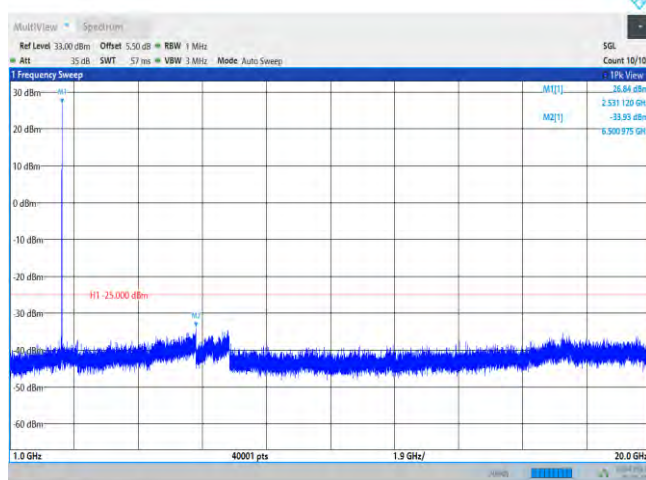
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7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0RB#0-30~1000MHz



15:01:40 20.04.2022

7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0RB#0-1000~20000MHz



15:01:48 20.04.2022



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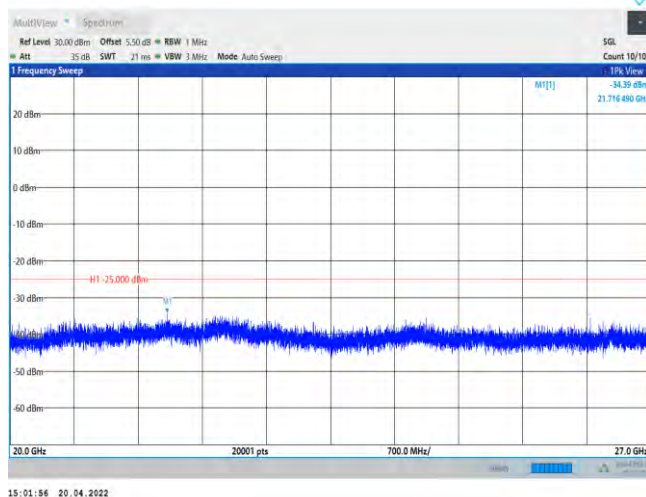
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7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0RB#0-20000~27000MHz



15:01:56 20.04.2022



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Report No.: SEWM2304000122RG01

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Field Strength of Spurious Radiation

Test Band = UL CA Band 7C_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.18	49.80	-107.58	-57.78	-25.00	32.78	263	360	Horizontal
2	7503.27	49.27	-100.34	-51.07	-25.00	26.07	251	198	Horizontal
3	10004.36	45.02	-93.89	-48.87	-25.00	23.87	174	175	Horizontal
4	12505.45	44.43	-91.38	-46.95	-25.00	21.95	262	3	Horizontal
5	15006.54	42.92	-90.07	-47.15	-25.00	22.15	284	359	Horizontal
6	17507.63	39.91	-86.50	-46.59	-25.00	21.59	176	139	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.18	50.48	-107.58	-57.10	-25.00	32.10	263	312	Vertical
2	7503.27	48.89	-100.34	-51.45	-25.00	26.45	241	278	Vertical
3	10004.36	44.83	-93.89	-49.06	-25.00	24.06	176	360	Vertical
4	12505.45	45.35	-91.38	-46.03	-25.00	21.03	294	150	Vertical
5	15006.54	42.62	-90.07	-47.45	-25.00	22.45	186	255	Vertical
6	17507.63	39.75	-86.50	-46.75	-25.00	21.75	124	278	Vertical



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Test Band = UL CA Band 7C_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5032.38	50.66	-107.38	-56.72	-25.00	31.72	263	242	Horizontal
2	7548.27	47.97	-100.09	-52.12	-25.00	27.12	241	356	Horizontal
3	10064.76	44.29	-93.62	-49.33	-25.00	24.33	176	11	Horizontal
4	12580.95	44.18	-90.74	-46.56	-25.00	21.56	251	360	Horizontal
5	15097.14	42.97	-90.54	-47.57	-25.00	22.57	148	56	Horizontal
6	17613.33	41.09	-85.88	-44.79	-25.00	19.79	162	138	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5032.38	51.17	-107.38	-56.21	-25.00	31.21	263	3	Vertical
2	7548.27	49.14	-100.09	-50.95	-25.00	25.95	251	11	Vertical
3	10064.76	43.95	-93.62	-49.67	-25.00	24.67	174	22	Vertical
4	12580.95	43.35	-90.74	-47.39	-25.00	22.39	162	11	Vertical
5	15097.14	42.50	-90.54	-48.04	-25.00	23.04	284	3	Vertical
6	17613.33	41.14	-85.88	-44.74	-25.00	19.74	166	128	Vertical



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Test Band = UL CA Band 7C_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5062.58	50.14	-107.19	-57.05	-25.00	32.05	263	360	Horizontal
2	7593.87	49.50	-99.85	-50.35	-25.00	25.35	251	277	Horizontal
3	10125.16	45.40	-93.36	-47.96	-25.00	22.96	174	58	Horizontal
4	12656.45	44.05	-90.88	-46.83	-25.00	21.83	262	356	Horizontal
5	15187.74	42.40	-89.00	-46.60	-25.00	21.60	254	4	Horizontal
6	17719.03	40.68	-84.72	-44.04	-25.00	19.04	178	82	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5062.58	50.44	-107.19	-56.75	-25.00	31.75	263	113	Vertical
2	7593.87	49.21	-99.85	-50.64	-25.00	25.64	251	360	Vertical
3	10125.16	45.03	-93.36	-48.33	-25.00	23.33	174	3	Vertical
4	12656.45	43.69	-90.88	-47.19	-25.00	22.19	264	359	Vertical
5	15187.74	42.53	-89.00	-46.47	-25.00	21.47	188	11	Vertical
6	17719.03	40.90	-84.72	-43.82	-25.00	18.82	264	148	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	VH	NT	47.60	0.018851	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	VL	NT	57.20	0.022653	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	VN	NT	50.00	0.019801	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	-30	50.70	0.020078	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	-20	49.60	0.019643	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	-10	48.50	0.019207	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	0	53.40	0.021148	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	10	41.10	0.016277	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	20	52.20	0.020672	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	30	46.90	0.018574	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	40	65.80	0.026058	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	50	37.50	0.014851	PASS

---End of Attachment---



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