

Appendix B.15

LTE CA_7C



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant0:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
7-7	10MHz-20MHz	QPSK-QPSK	20805-20949	1RB#0-0RB#0	23.82	24.52	33.00	PASS
7-7	10MHz-20MHz	QPSK-QPSK	20805-20949	50RB#0-100RB#0	22.73	23.43	33.00	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21006-21150	1RB#0-0RB#0	23.71	24.41	33.00	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21006-21150	50RB#0-100RB#0	22.72	23.42	33.00	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21206-21350	1RB#0-0RB#0	23.91	24.61	33.00	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21206-21350	50RB#0-100RB#0	22.68	23.38	33.00	PASS
7-7	10MHz-20MHz	16QAM-16QAM	20805-20949	1RB#0-0RB#0	23.19	23.89	33.00	PASS
7-7	10MHz-20MHz	16QAM-16QAM	20805-20949	50RB#0-100RB#0	21.72	22.42	33.00	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21006-21150	1RB#0-0RB#0	23.41	24.11	33.00	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21006-21150	50RB#0-100RB#0	21.75	22.45	33.00	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21206-21350	1RB#0-0RB#0	23.46	24.16	33.00	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21206-21350	50RB#0-100RB#0	21.70	22.40	33.00	PASS
7-7	10MHz-20MHz	64QAM-64QAM	20805-20949	1RB#0-0RB#0	21.67	22.37	33.00	PASS
7-7	10MHz-20MHz	64QAM-64QAM	20805-20949	50RB#0-100RB#0	19.92	20.62	33.00	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21006-21150	1RB#0-0RB#0	22.35	23.05	33.00	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21006-21150	50RB#0-100RB#0	20.63	21.33	33.00	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21206-21350	1RB#0-0RB#0	22.16	22.86	33.00	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21206-21350	50RB#0-100RB#0	20.10	20.80	33.00	PASS
7-7	15MHz-10MHz	QPSK-QPSK	20825-20945	1RB#0-0RB#0	23.83	24.53	33.00	PASS
7-7	15MHz-10MHz	QPSK-QPSK	20825-20945	75RB#0-50RB#0	22.68	23.38	33.00	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21051-21171	1RB#0-0RB#0	23.78	24.48	33.00	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21051-21171	75RB#0-50RB#0	22.70	23.40	33.00	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21277-21397	1RB#0-0RB#0	23.81	24.51	33.00	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21277-21397	75RB#0-50RB#0	22.68	23.38	33.00	PASS
7-7	15MHz-10MHz	16QAM-16QAM	20825-20945	1RB#0-0RB#0	23.25	23.95	33.00	PASS
7-7	15MHz-10MHz	16QAM-16QAM	20825-20945	75RB#0-50RB#0	21.67	22.37	33.00	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21051-21171	1RB#0-0RB#0	23.23	23.93	33.00	PASS



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7-7	15MHz-10MHz	16QAM-16QAM	21051-21171	75RB#0-50RB#0	21.75	22.45	33.00	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21277-21397	1RB#0-0RB#0	23.28	23.98	33.00	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21277-21397	75RB#0-50RB#0	21.76	22.46	33.00	PASS
7-7	15MHz-10MHz	64QAM-64QAM	20825-20945	1RB#0-0RB#0	21.56	22.26	33.00	PASS
7-7	15MHz-10MHz	64QAM-64QAM	20825-20945	75RB#0-50RB#0	20.09	20.79	33.00	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21051-21171	1RB#0-0RB#0	22.20	22.90	33.00	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21051-21171	75RB#0-50RB#0	20.54	21.24	33.00	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21277-21397	1RB#0-0RB#0	22.09	22.79	33.00	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21277-21397	75RB#0-50RB#0	20.01	20.71	33.00	PASS
7-7	15MHz-15MHz	QPSK-QPSK	20825-20975	1RB#0-0RB#0	23.87	24.57	33.00	PASS
7-7	15MHz-15MHz	QPSK-QPSK	20825-20975	75RB#0-75RB#0	22.71	23.41	33.00	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21025-21175	1RB#0-0RB#0	23.85	24.55	33.00	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21025-21175	75RB#0-75RB#0	22.69	23.39	33.00	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21225-21375	1RB#0-0RB#0	23.89	24.59	33.00	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21225-21375	75RB#0-75RB#0	22.67	23.37	33.00	PASS
7-7	15MHz-15MHz	16QAM-16QAM	20825-20975	1RB#0-0RB#0	23.29	23.99	33.00	PASS
7-7	15MHz-15MHz	16QAM-16QAM	20825-20975	75RB#0-75RB#0	21.71	22.41	33.00	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21025-21175	1RB#0-0RB#0	23.34	24.04	33.00	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21025-21175	75RB#0-75RB#0	21.76	22.46	33.00	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21225-21375	1RB#0-0RB#0	23.34	24.04	33.00	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21225-21375	75RB#0-75RB#0	21.62	22.32	33.00	PASS
7-7	15MHz-15MHz	64QAM-64QAM	20825-20975	1RB#0-0RB#0	21.66	22.36	33.00	PASS
7-7	15MHz-15MHz	64QAM-64QAM	20825-20975	75RB#0-75RB#0	20.15	20.85	33.00	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21025-21175	1RB#0-0RB#0	22.09	22.79	33.00	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21025-21175	75RB#0-75RB#0	20.64	21.34	33.00	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21225-21375	1RB#0-0RB#0	22.21	22.91	33.00	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21225-21375	75RB#0-75RB#0	20.14	20.84	33.00	PASS
7-7	15MHz-20MHz	QPSK-QPSK	20828-20999	1RB#0-0RB#0	23.74	24.44	33.00	PASS
7-7	15MHz-20MHz	QPSK-QPSK	20828-20999	75RB#0-100RB#0	22.73	23.43	33.00	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21003-21174	1RB#0-0RB#0	23.83	24.53	33.00	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21003-21174	75RB#0-100RB#0	22.73	23.43	33.00	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21179-21350	1RB#0-0RB#0	23.82	24.52	33.00	PASS



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7-7	15MHz-20MHz	QPSK-QPSK	21179-21350	75RB#0-100RB#0	22.72	23.42	33.00	PASS
7-7	15MHz-20MHz	16QAM-16QAM	20828-20999	1RB#0-0RB#0	23.43	24.13	33.00	PASS
7-7	15MHz-20MHz	16QAM-16QAM	20828-20999	75RB#0-100RB#0	21.74	22.44	33.00	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21003-21174	1RB#0-0RB#0	23.53	24.23	33.00	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21003-21174	75RB#0-100RB#0	21.75	22.45	33.00	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21179-21350	1RB#0-0RB#0	23.35	24.05	33.00	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21179-21350	75RB#0-100RB#0	21.71	22.41	33.00	PASS
7-7	15MHz-20MHz	64QAM-64QAM	20828-20999	1RB#0-0RB#0	21.71	22.41	33.00	PASS
7-7	15MHz-20MHz	64QAM-64QAM	20828-20999	75RB#0-100RB#0	20.16	20.86	33.00	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21003-21174	1RB#0-0RB#0	22.32	23.02	33.00	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21003-21174	75RB#0-100RB#0	20.70	21.40	33.00	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21179-21350	1RB#0-0RB#0	22.34	23.04	33.00	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21179-21350	75RB#0-100RB#0	20.20	20.90	33.00	PASS
7-7	20MHz-10MHz	QPSK-QPSK	20850-20994	100RB#0-50RB#0	22.73	23.43	33.00	PASS
7-7	20MHz-10MHz	QPSK-QPSK	20850-20994	1RB#0-0RB#0	23.73	24.43	33.00	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21051-21195	100RB#0-50RB#0	22.76	23.46	33.00	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21051-21195	1RB#0-0RB#0	21.94	22.64	33.00	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21251-21395	100RB#0-50RB#0	22.76	23.46	33.00	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21251-21395	1RB#0-0RB#0	23.95	24.65	33.00	PASS
7-7	20MHz-10MHz	16QAM-16QAM	20850-20994	100RB#0-50RB#0	21.76	22.46	33.00	PASS
7-7	20MHz-10MHz	16QAM-16QAM	20850-20994	1RB#0-0RB#0	23.63	24.33	33.00	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21051-21195	100RB#0-50RB#0	21.69	22.39	33.00	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21051-21195	1RB#0-0RB#0	23.28	23.98	33.00	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21251-21395	100RB#0-50RB#0	21.73	22.43	33.00	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21251-21395	1RB#0-0RB#0	23.09	23.79	33.00	PASS
7-7	20MHz-10MHz	64QAM-64QAM	20850-20994	100RB#0-50RB#0	20.35	21.05	33.00	PASS
7-7	20MHz-10MHz	64QAM-64QAM	20850-20994	1RB#0-0RB#0	21.73	22.43	33.00	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21051-21195	100RB#0-50RB#0	20.65	21.35	33.00	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21051-21195	1RB#0-0RB#0	22.19	22.89	33.00	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21251-21395	100RB#0-50RB#0	20.15	20.85	33.00	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21251-21395	1RB#0-0RB#0	22.34	23.04	33.00	PASS
7-7	20MHz-15MHz	QPSK-QPSK	20850-21021	100RB#0-75RB#0	22.73	23.43	33.00	PASS



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7-7	20MHz-15MHz	QPSK-QPSK	20850-21021	1RB#0-0RB#0	23.77	24.47	33.00	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21026-21197	100RB#0-75RB#0	22.78	23.48	33.00	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21026-21197	1RB#0-0RB#0	23.90	24.60	33.00	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21201-21372	100RB#0-75RB#0	22.66	23.36	33.00	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21201-21372	1RB#0-0RB#0	23.84	24.54	33.00	PASS
7-7	20MHz-15MHz	16QAM-16QAM	20850-21021	100RB#0-75RB#0	21.73	22.43	33.00	PASS
7-7	20MHz-15MHz	16QAM-16QAM	20850-21021	1RB#0-0RB#0	23.35	24.05	33.00	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21026-21197	100RB#0-75RB#0	21.75	22.45	33.00	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21026-21197	1RB#0-0RB#0	23.29	23.99	33.00	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21201-21372	100RB#0-75RB#0	21.69	22.39	33.00	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21201-21372	1RB#0-0RB#0	23.35	24.05	33.00	PASS
7-7	20MHz-15MHz	64QAM-64QAM	20850-21021	100RB#0-75RB#0	20.35	21.05	33.00	PASS
7-7	20MHz-15MHz	64QAM-64QAM	20850-21021	1RB#0-0RB#0	21.72	22.42	33.00	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21026-21197	100RB#0-75RB#0	20.69	21.39	33.00	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21026-21197	1RB#0-0RB#0	22.30	23.00	33.00	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21201-21372	100RB#0-75RB#0	20.25	20.95	33.00	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21201-21372	1RB#0-0RB#0	22.15	22.85	33.00	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	22.75	23.45	33.00	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#0-0RB#0	23.81	24.51	33.00	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	22.78	23.48	33.00	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#0-0RB#0	23.83	24.53	33.00	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	22.68	23.38	33.00	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#0-0RB#0	23.87	24.57	33.00	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	21.76	22.46	33.00	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#0-0RB#0	23.37	24.07	33.00	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	21.77	22.47	33.00	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	1RB#0-0RB#0	23.56	24.26	33.00	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	21.71	22.41	33.00	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#0-0RB#0	23.05	23.75	33.00	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	20.40	21.10	33.00	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#0-0RB#0	21.71	22.41	33.00	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	20.73	21.43	33.00	PASS



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7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	1RB#0-0RB#0	22.20	22.90	33.00	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	20.41	21.11	33.00	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#0-0RB#0	22.19	22.89	33.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	6.08	13	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	6.46	13	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	6.54	13	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	6.62	13	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	6.58	13	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	6.54	13	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	6.98	13	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	6.56	13	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	6.66	13	PASS

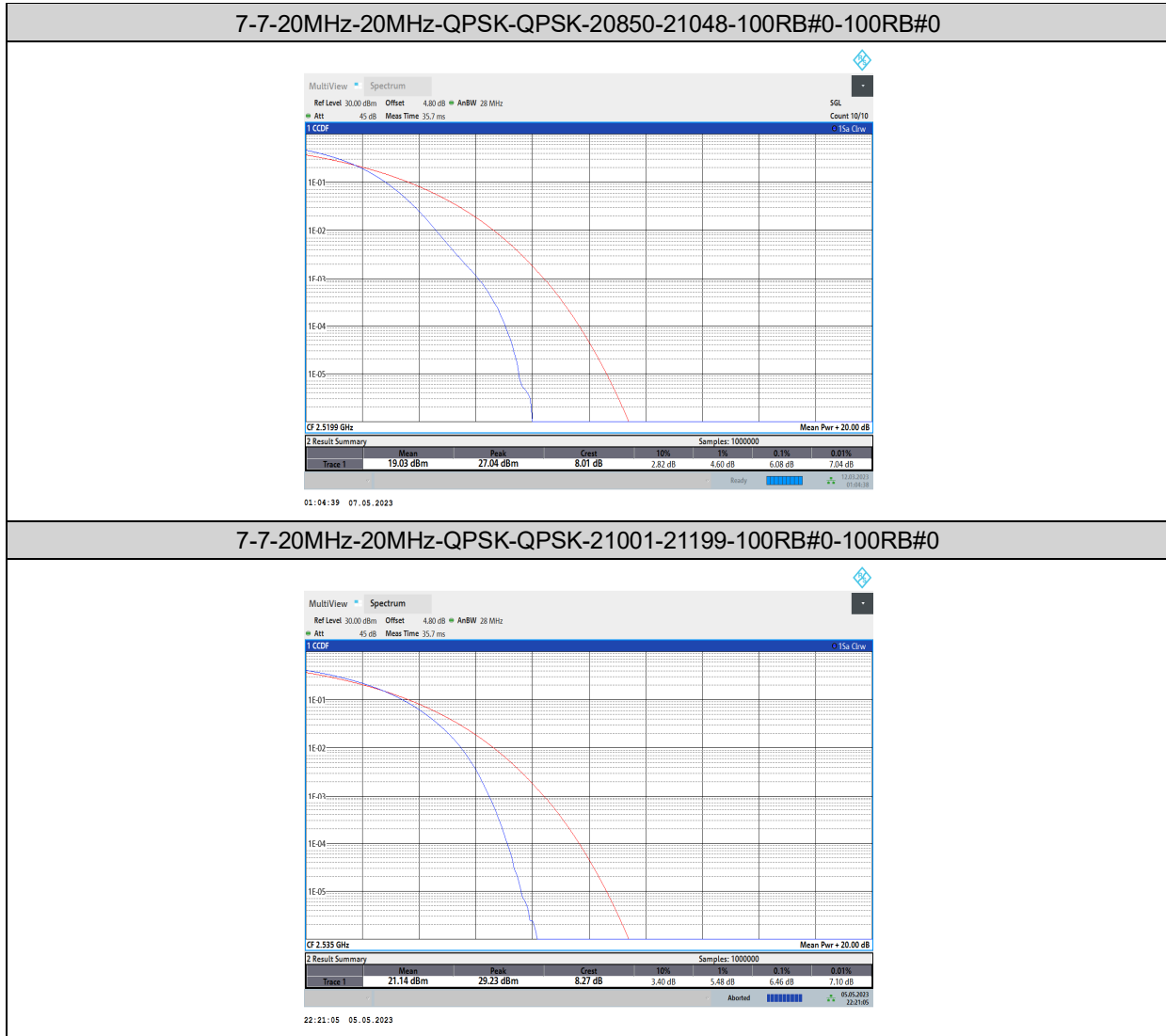


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Test Graphs

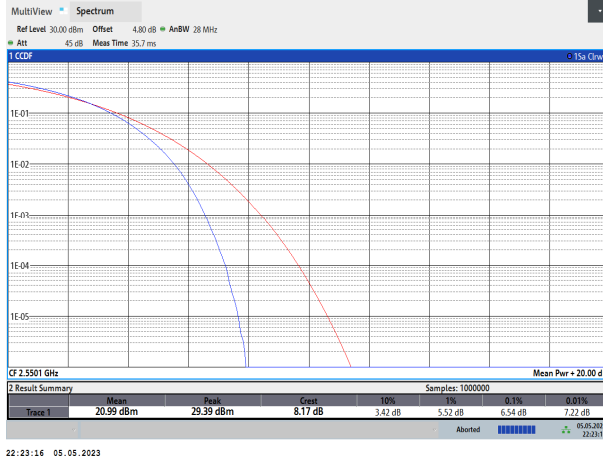


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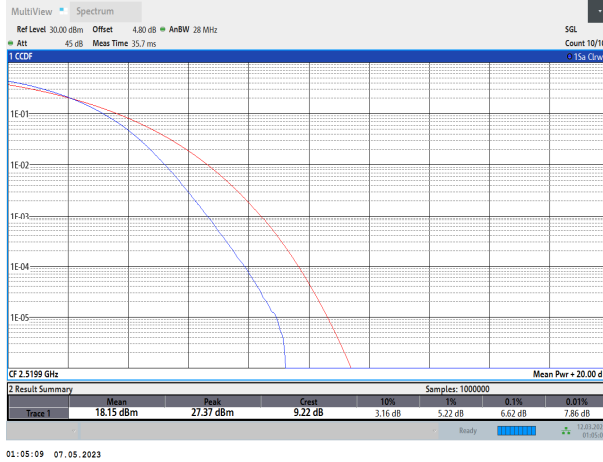
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7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-100RB#0-100RB#0



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

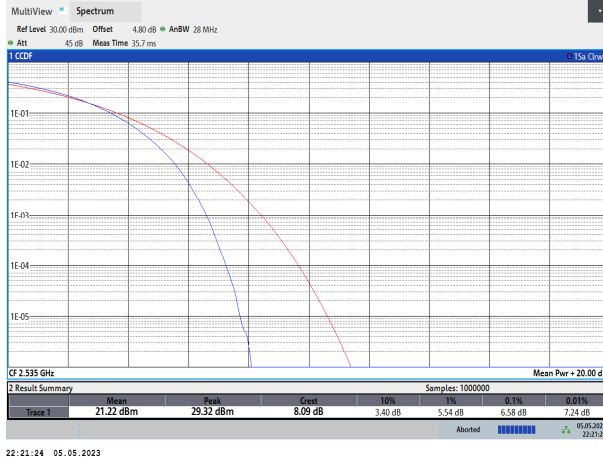


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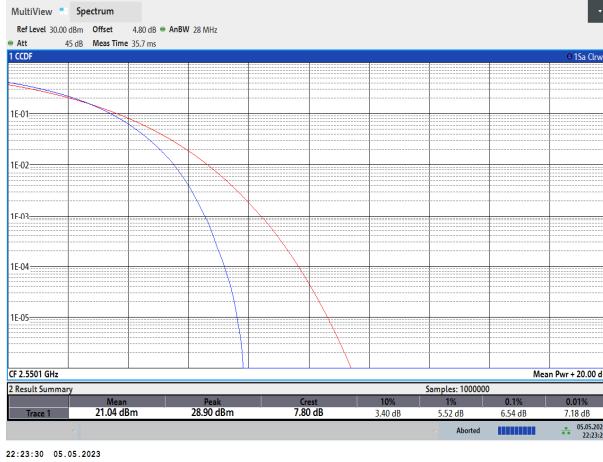
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7-7-20MHz-20MHz-16QAM-16QAM-21001-21199-100RB#0-100RB#0



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

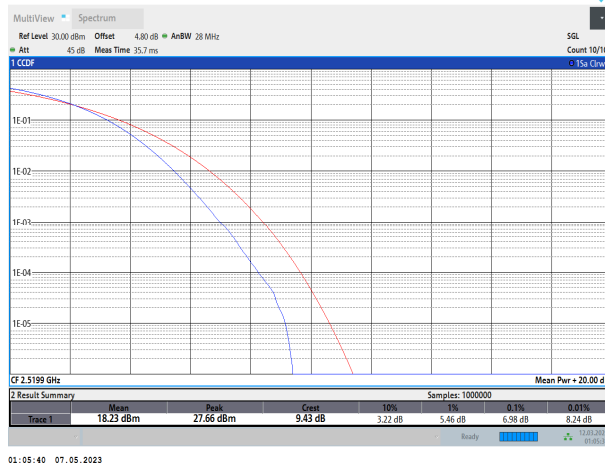


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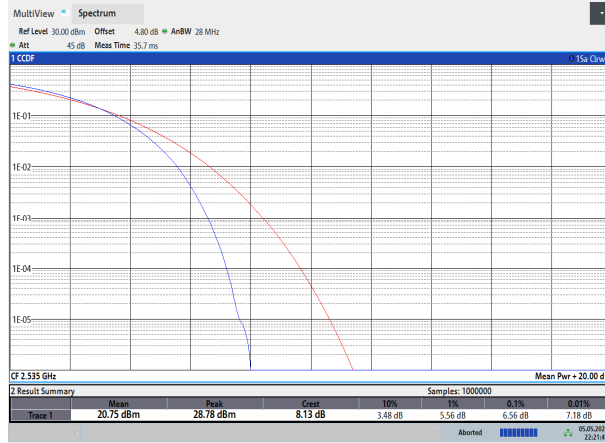
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7-7-20MHz-20MHz-64QAM-64QAM-20850-21048-100RB#0-100RB#0



01:05:40 07.05.2023

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



22:21:41 05.05.2023

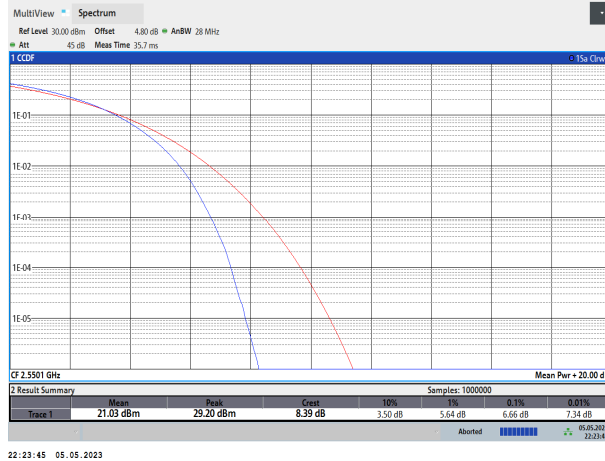


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7-7-20MHz-20MHz-64QAM-64QAM-21152-21350-100RB#0-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	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

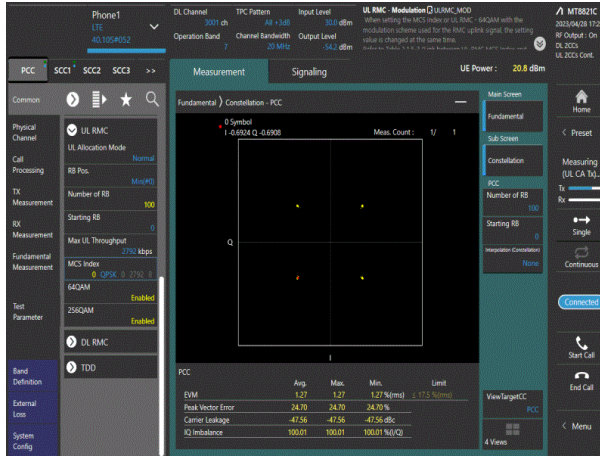


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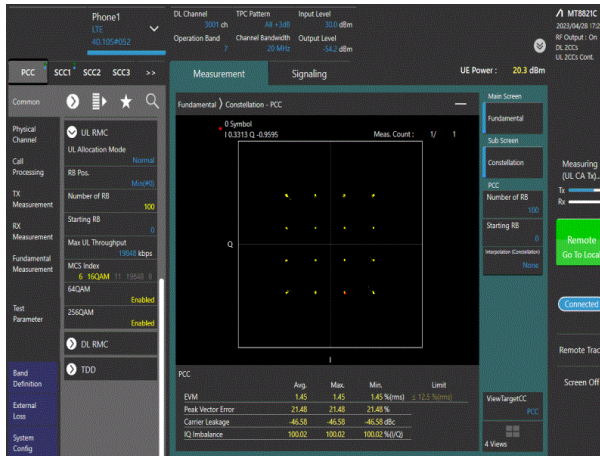
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Test Graphs

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

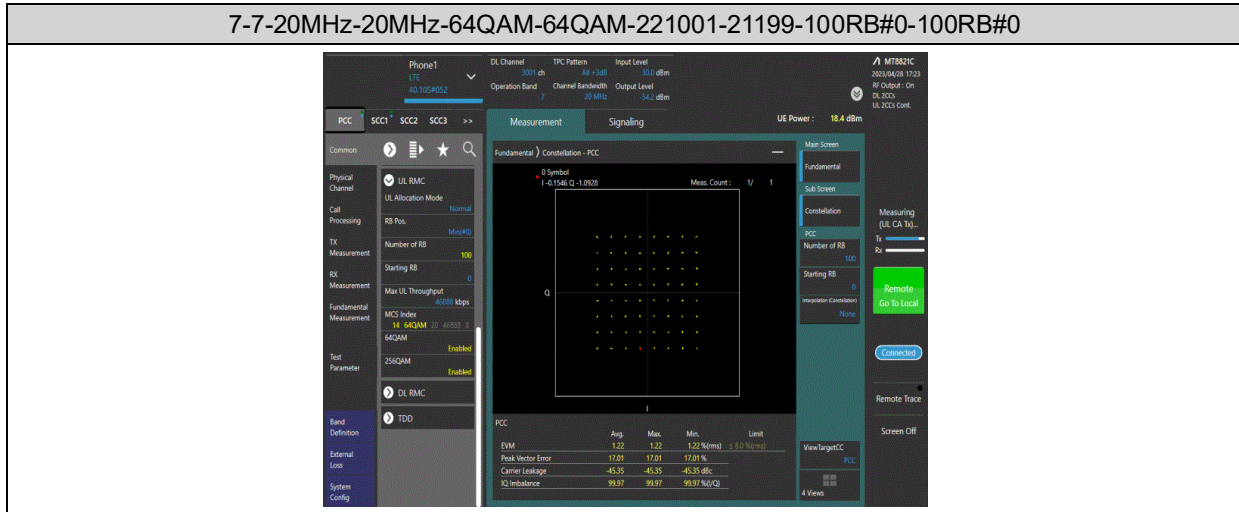


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7-7-20MHz-20MHz-64QAM-64QAM-221001-21199-100RB#0-100RB#0



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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	27.679	29.04	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21006-21150	50RB#0-100RB#0	27.684	29.10	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21206-21350	50RB#0-100RB#0	27.672	29.04	PASS
7-7	10MHz-20MHz	16QAM-16QAM	20805-20949	50RB#0-100RB#0	27.627	29.04	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21006-21150	50RB#0-100RB#0	27.708	29.34	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21206-21350	50RB#0-100RB#0	27.500	29.04	PASS
7-7	10MHz-20MHz	64QAM-64QAM	20805-20949	50RB#0-100RB#0	27.789	29.34	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21006-21150	50RB#0-100RB#0	27.537	29.16	PASS
7-7	10MHz-20MHz	64QAM-64QAM	21206-21350	50RB#0-100RB#0	27.528	29.04	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21051-21171	75RB#0-50RB#0	23.223	24.55	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21277-21397	75RB#0-50RB#0	23.140	24.75	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21051-21171	75RB#0-50RB#0	23.072	24.60	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21277-21397	75RB#0-50RB#0	23.075	24.45	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21051-21171	75RB#0-50RB#0	23.081	24.55	PASS
7-7	15MHz-10MHz	64QAM-64QAM	21277-21397	75RB#0-50RB#0	22.986	24.50	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21025-21175	75RB#0-75RB#0	28.269	29.76	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21225-21375	75RB#0-75RB#0	28.169	30.00	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21025-21175	75RB#0-75RB#0	28.322	29.88	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21225-21375	75RB#0-75RB#0	28.230	30.06	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21025-21175	75RB#0-75RB#0	28.304	29.94	PASS
7-7	15MHz-15MHz	64QAM-64QAM	21225-21375	75RB#0-75RB#0	28.199	29.88	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21003-21174	75RB#0-100RB#0	32.554	34.16	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21179-21350	75RB#0-100RB#0	32.493	34.30	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21003-21174	75RB#0-100RB#0	32.497	34.16	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21179-21350	75RB#0-100RB#0	32.540	34.16	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21003-21174	75RB#0-100RB#0	32.492	34.30	PASS
7-7	15MHz-20MHz	64QAM-64QAM	21179-21350	75RB#0-100RB#0	32.400	34.30	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21051-21195	100RB#0-50RB#0	27.683	29.58	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21251-21395	100RB#0-50RB#0	27.604	29.28	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21051-21195	100RB#0-50RB#0	27.680	29.46	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21251-21395	100RB#0-50RB#0	27.739	29.22	PASS



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7-7	20MHz-10MHz	64QAM-64QAM	21051-21195	100RB#0-50RB#0	27.696	29.52	PASS
7-7	20MHz-10MHz	64QAM-64QAM	21251-21395	100RB#0-50RB#0	27.634	29.34	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21026-21197	100RB#0-75RB#0	32.542	34.51	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21201-21372	100RB#0-75RB#0	32.573	34.23	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21026-21197	100RB#0-75RB#0	32.617	34.51	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21201-21372	100RB#0-75RB#0	32.317	34.23	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21026-21197	100RB#0-75RB#0	32.583	34.44	PASS
7-7	20MHz-15MHz	64QAM-64QAM	21201-21372	100RB#0-75RB#0	32.577	34.23	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	37.688	40.16	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	37.410	40.16	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	37.591	40.00	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	37.612	40.24	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	37.708	40.08	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	37.534	40.08	PASS

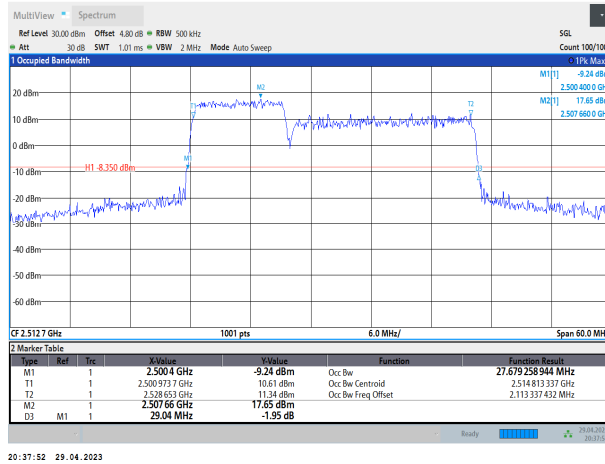


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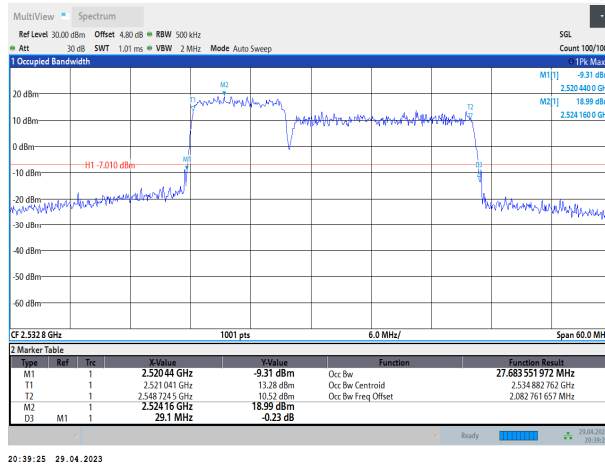
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Test Graphs

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



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

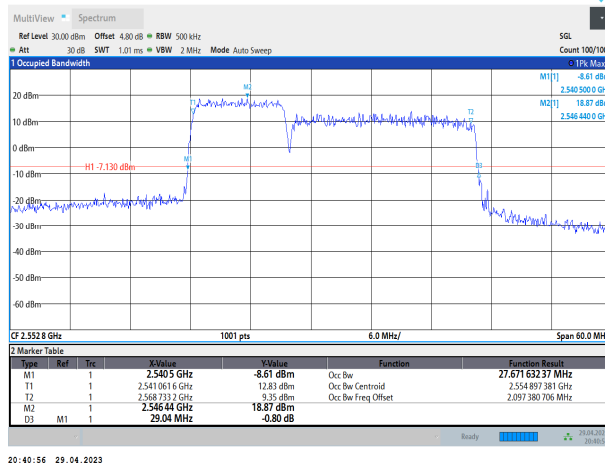


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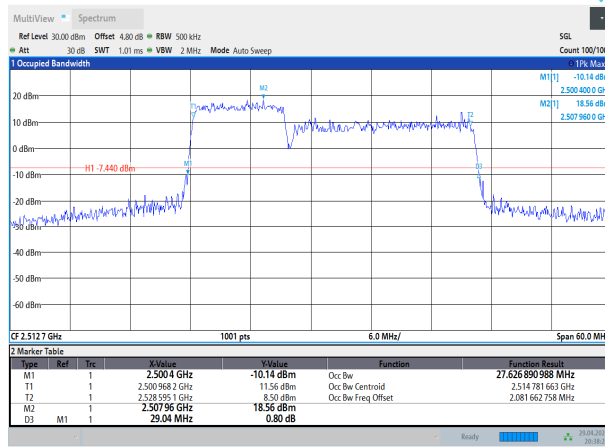
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7-7-10MHz-20MHz-QPSK-QPSK-21206-21350-50RB#0-100RB#0



20:40:56 29.04.2023

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



20:38:21 29.04.2023

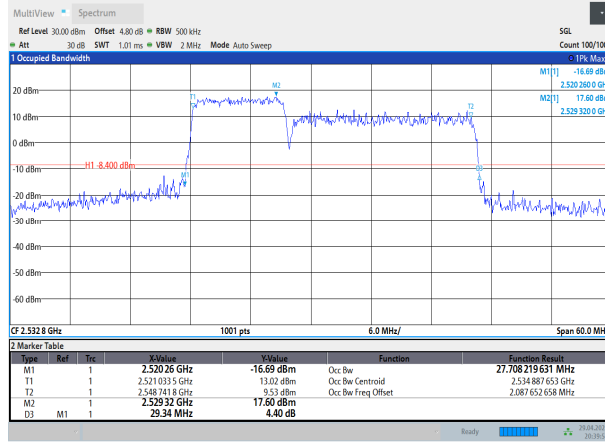


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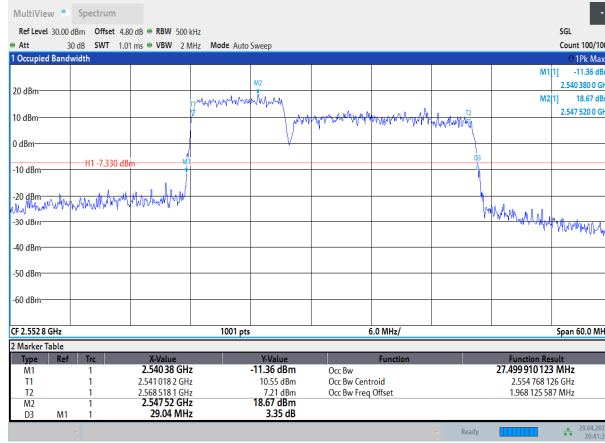
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7-7-10MHz-20MHz-16QAM-16QAM-21006-21150-50RB#0-100RB#0



20:39:54 29.04.2023

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



20:41:25 29.04.2023

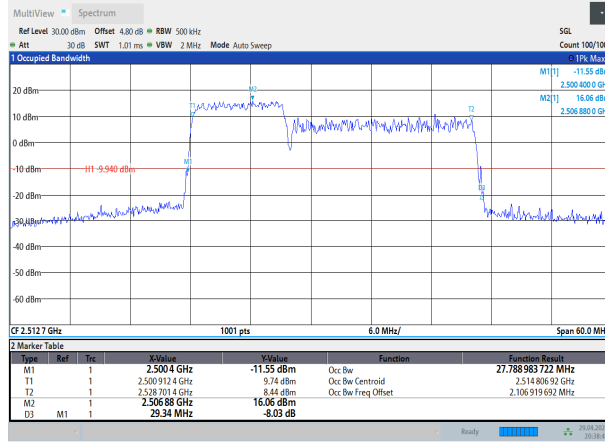


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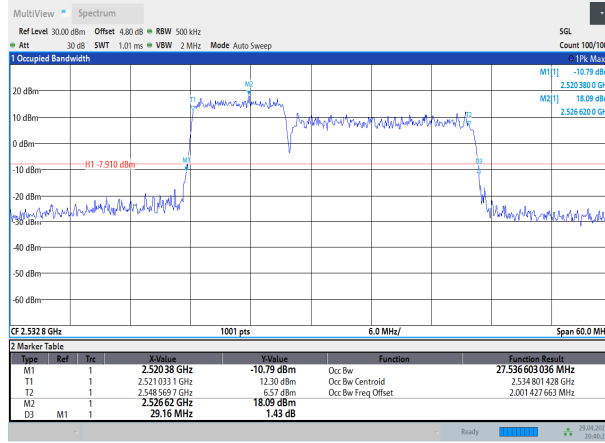
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7-7-10MHz-20MHz-64QAM-64QAM-20805-20949-50RB#0-100RB#0



20:38:49 29.04.2023

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



20:40:23 29.04.2023

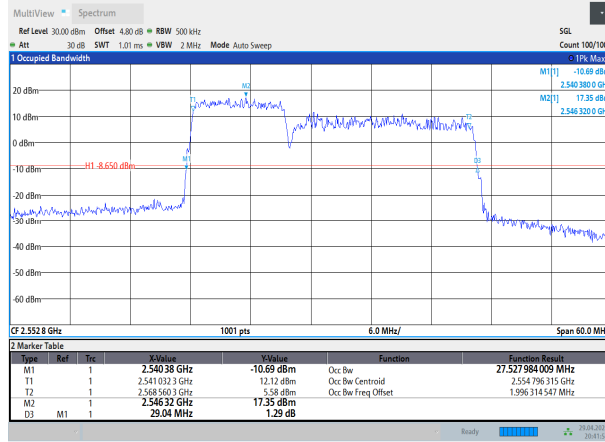


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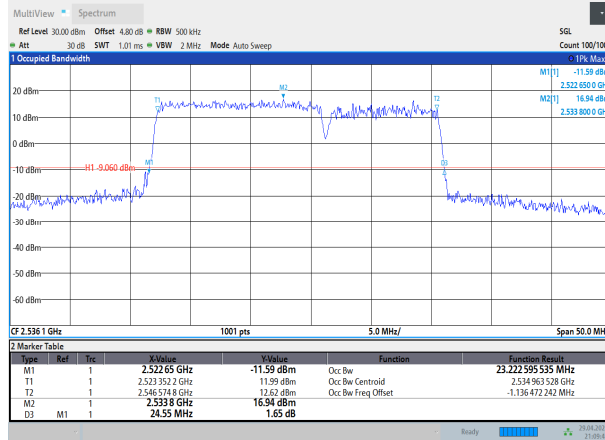
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7-7-10MHz-20MHz-64QAM-64QAM-21206-21350-50RB#0-100RB#0



20:41:54 29.04.2023

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



21:09:40 29.04.2023



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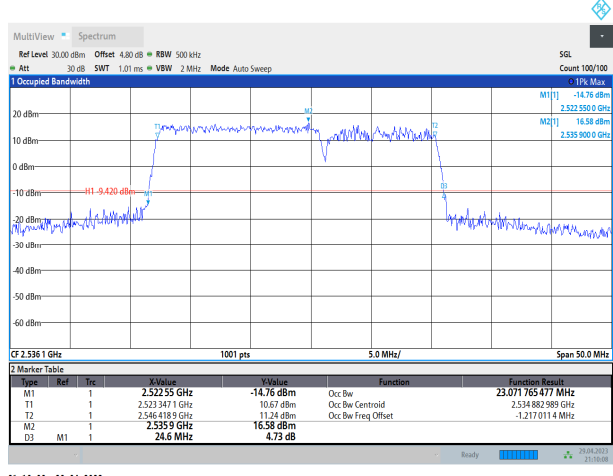
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7-7-15MHz-10MHz-QPSK-QPSK-21277-21397-75RB#0-50RB#0



7-7-15MHz-10MHz-16QAM-16QAM-21051-21171-75RB#0-50RB#0

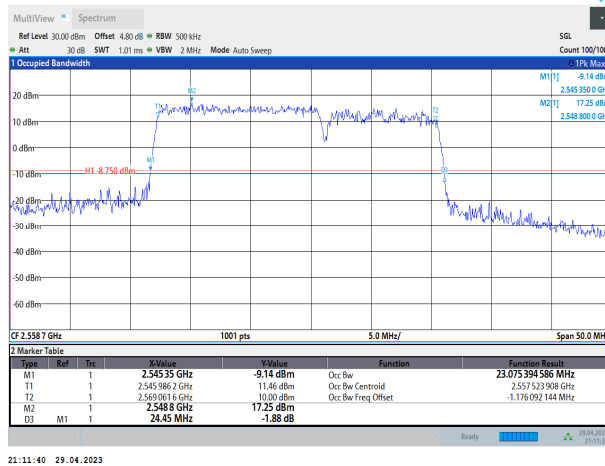


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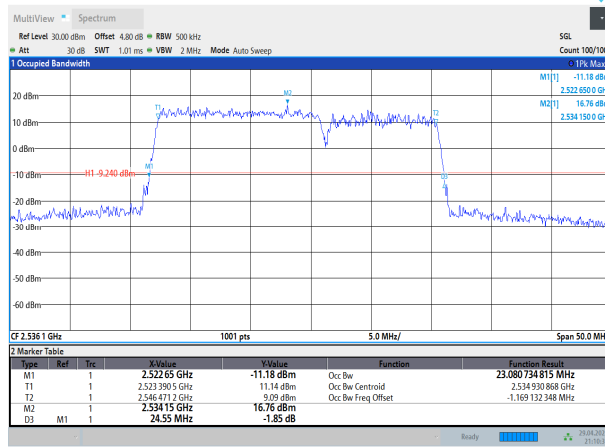
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7-7-15MHz-10MHz-16QAM-16QAM-21277-21397-75RB#0-50RB#0



21:11:40 29.04.2023

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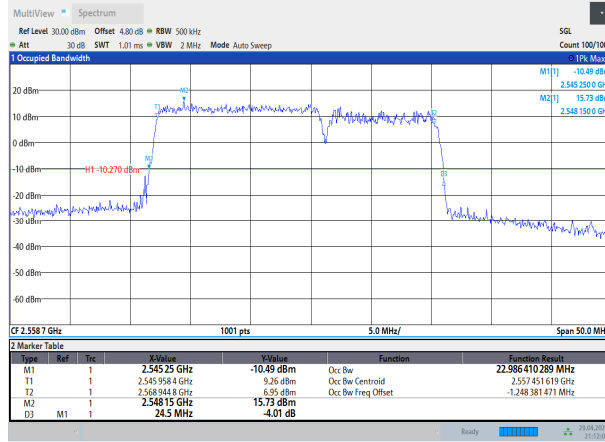


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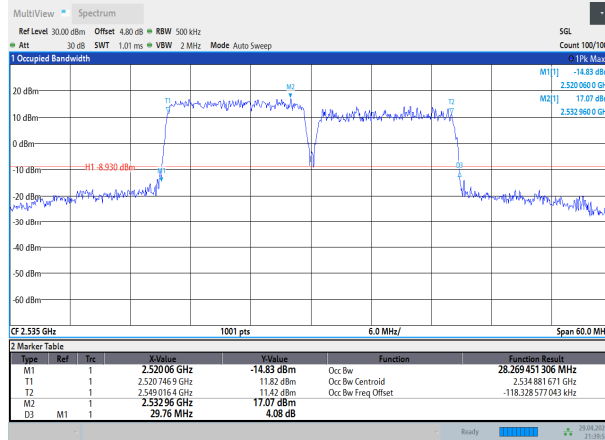
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21:12:09 29. 04. 2023

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21:39:55 29. 04. 2023

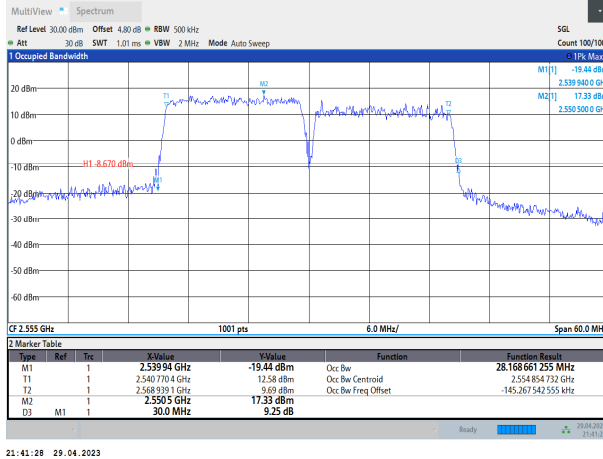


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7-7-15MHz-15MHz-QPSK-QPSK-21225-21375-75RB#0-75RB#0



21:41:28 29.04.2023

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21:40:23 29.04.2023

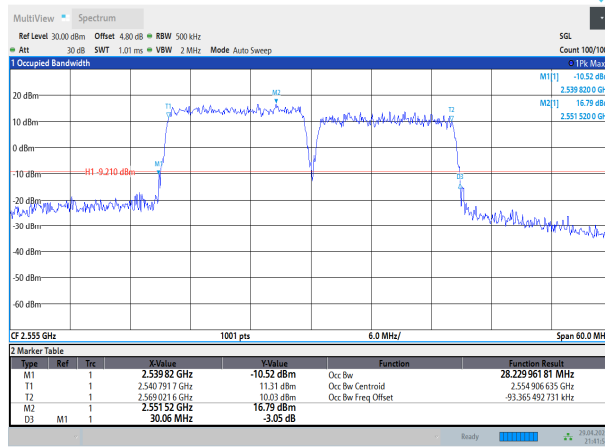


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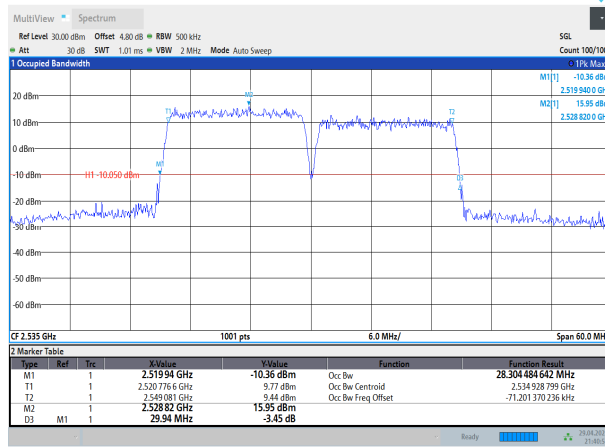
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7-7-15MHz-15MHz-16QAM-16QAM-21225-21375-75RB#0-75RB#0



21:41:56 29. 04. 2023

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



21:40:52 29. 04. 2023

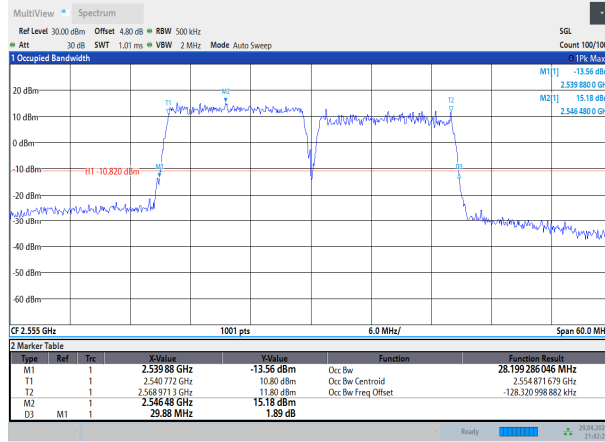


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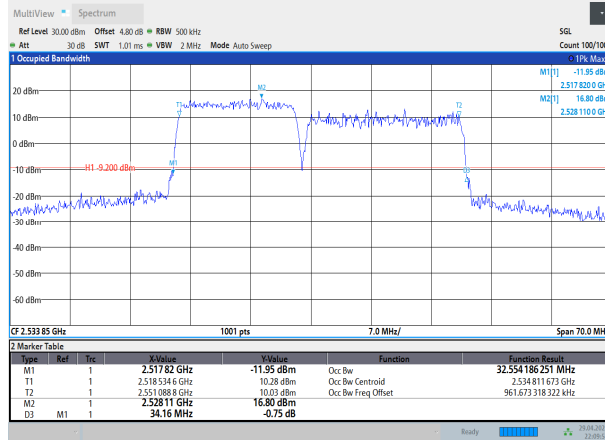
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7-7-15MHz-15MHz-64QAM-64QAM-21225-21375-75RB#0-75RB#0



21:42:25 29.04.2023

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



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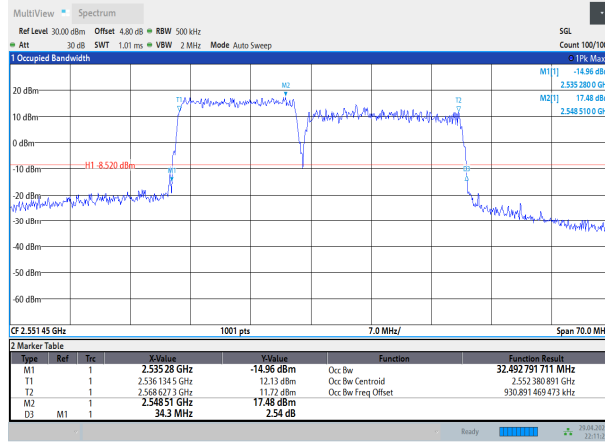


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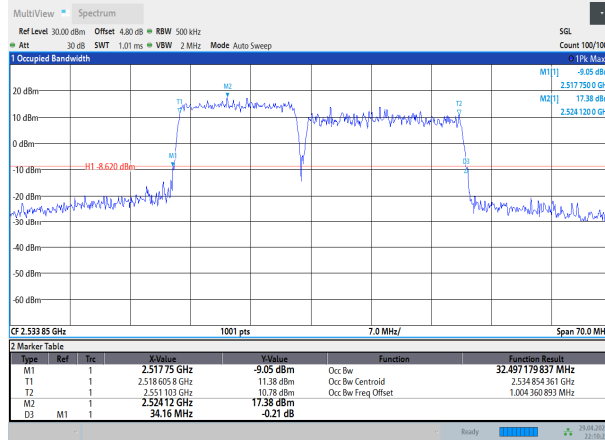
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7-7-15MHz-20MHz-QPSK-QPSK-21179-21350-75RB#0-100RB#0



22:11:27 29. 04. 2023

7-7-15MHz-20MHz-16QAM-16QAM-21003-21174-75RB#0-100RB#0



22:10:23 29. 04. 2023

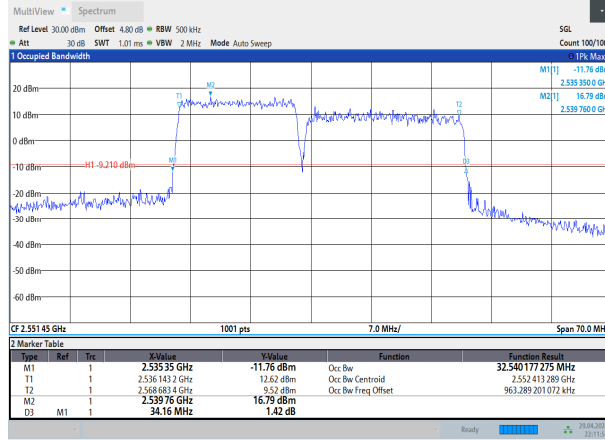


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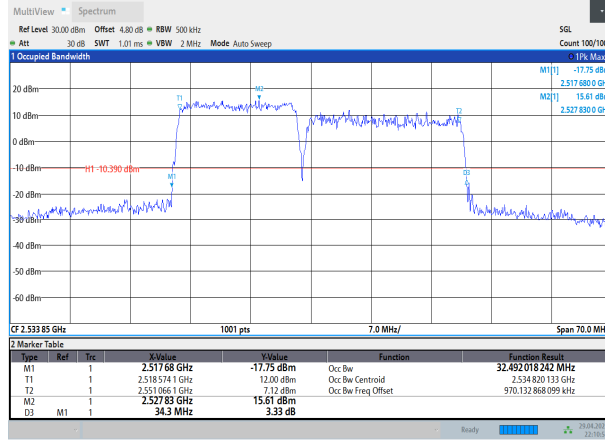
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7-7-15MHz-20MHz-16QAM-16QAM-21179-21350-75RB#0-100RB#0



22:11:56 29.04.2023

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



22:10:52 29.04.2023

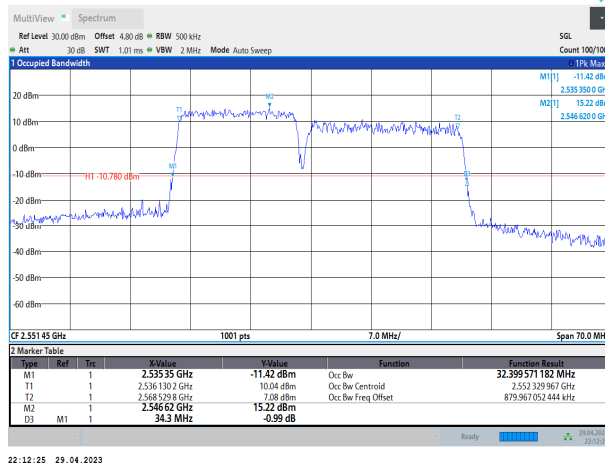


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7-7-15MHz-20MHz-64QAM-64QAM-21179-21350-75RB#0-100RB#0



22:12:25 29.04.2023

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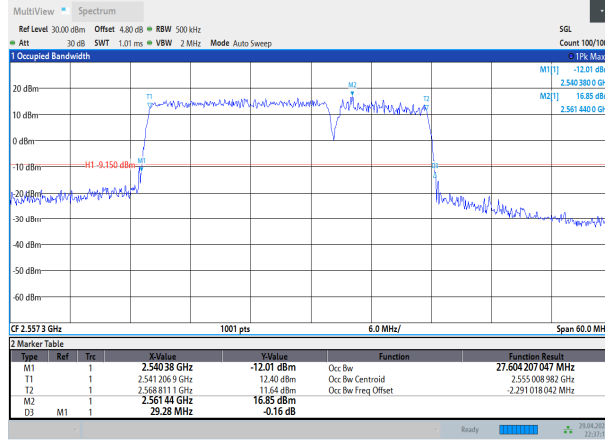


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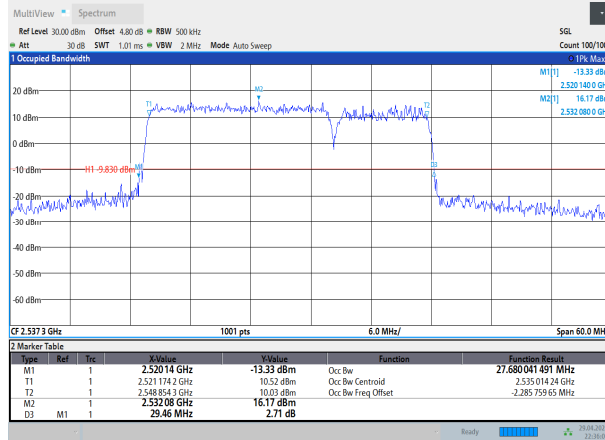
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7-7-20MHz-10MHz-QPSK-QPSK-21251-21395-100RB#0-50RB#0



22:37:14 29.04.2023

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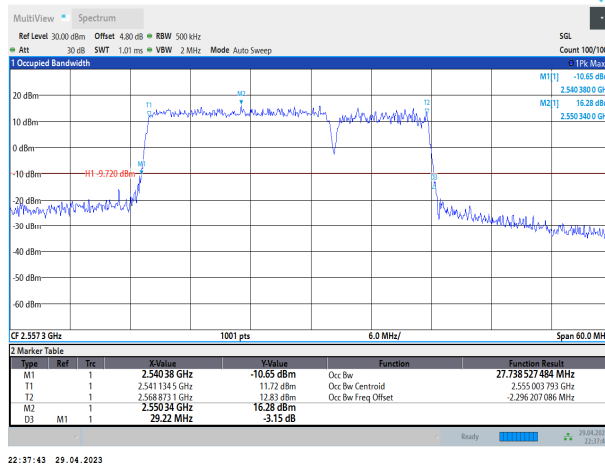


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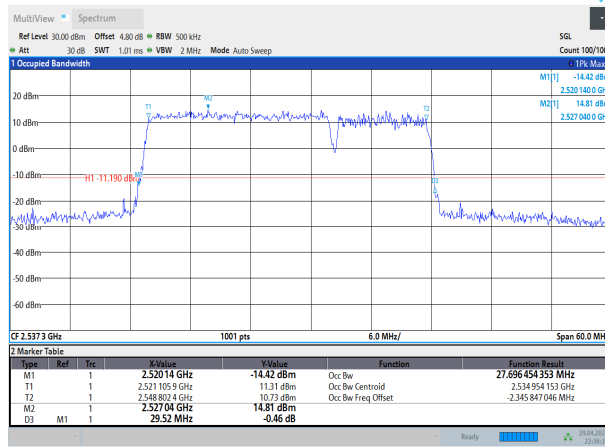
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7-7-20MHz-10MHz-16QAM-16QAM-21251-21395-100RB#0-50RB#0



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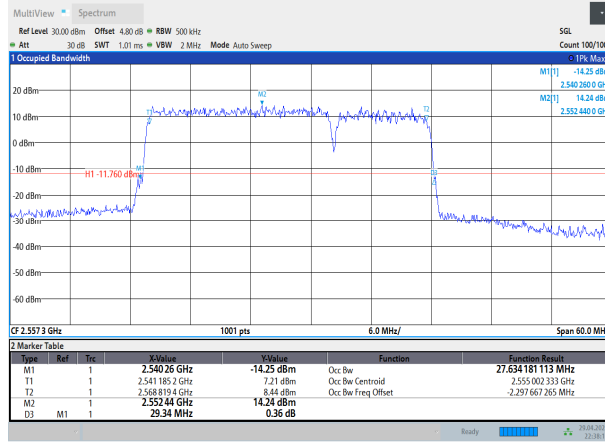


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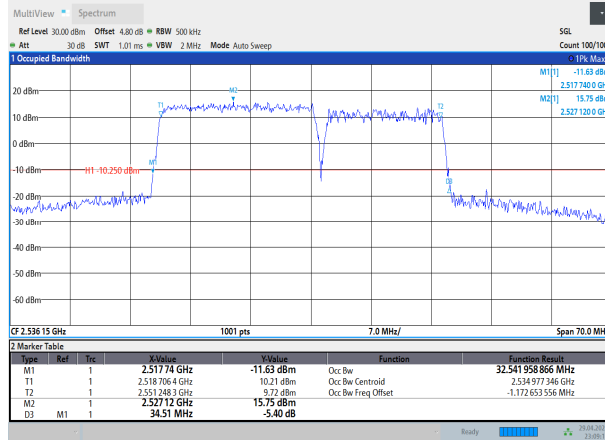
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23:09:19 29.04.2023

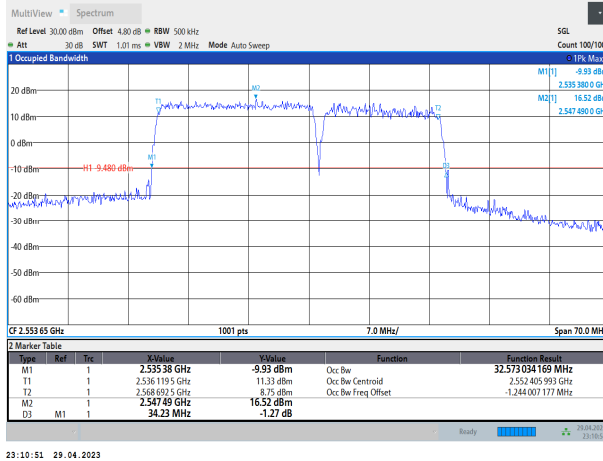


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7-7-20MHz-15MHz-QPSK-QPSK-21201-21372-100RB#0-75RB#0



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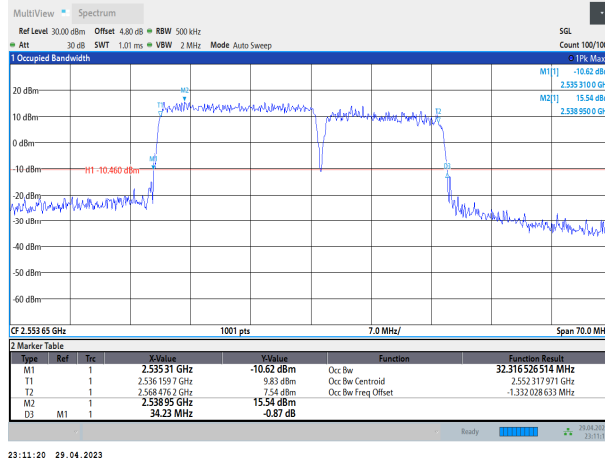


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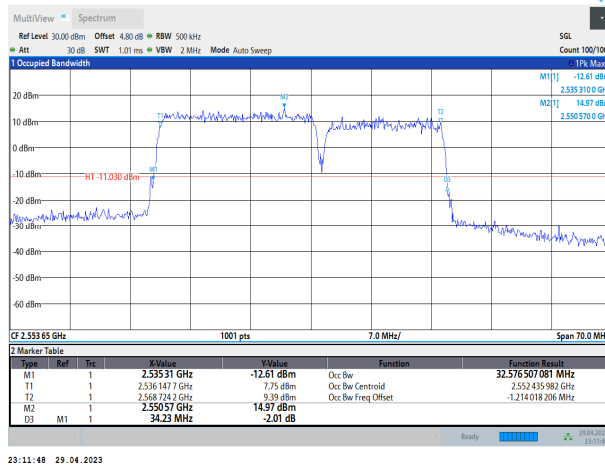


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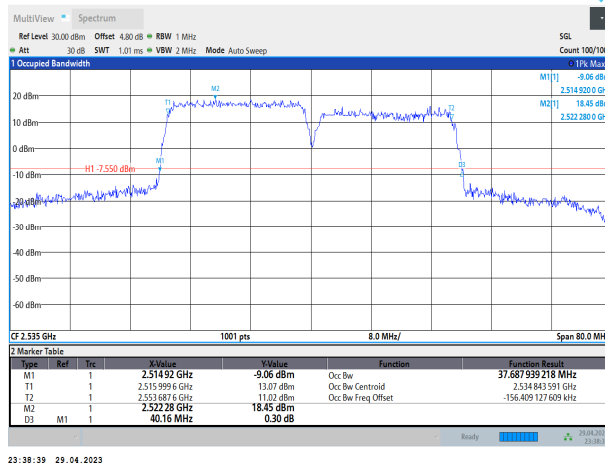
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7-7-20MHz-15MHz-64QAM-64QAM-21201-21372-100RB#0-75RB#0



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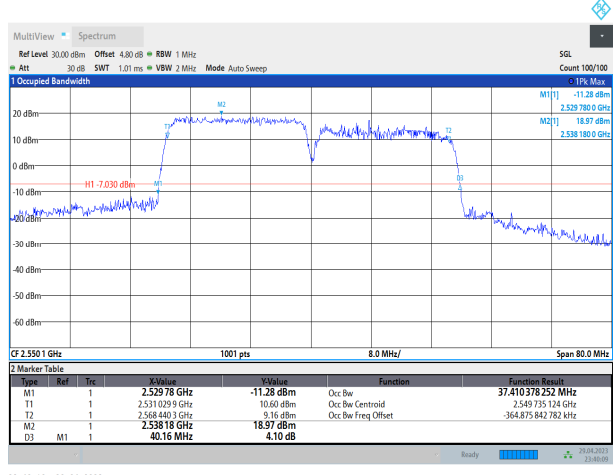


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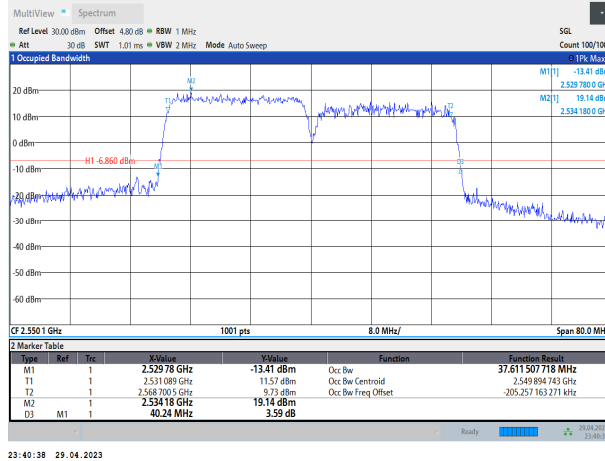


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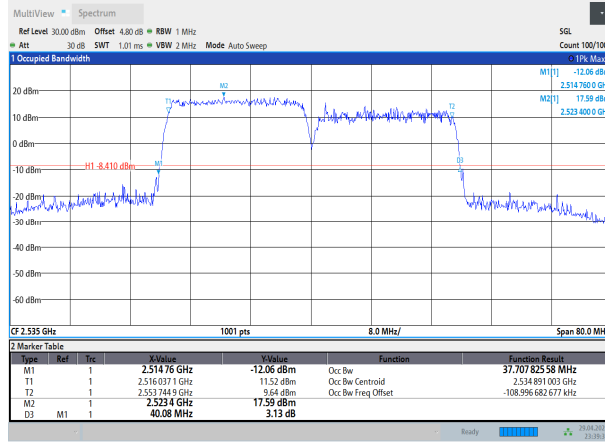
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7-7-20MHz-20MHz-16QAM-16QAM-21152-21350-100RB#0-100RB#0



23:40:38 29.04.2023

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



23:39:36 29.04.2023

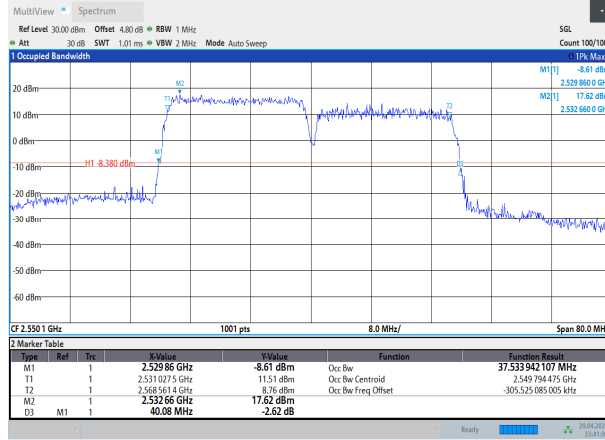


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23:41:07 29.04.2023



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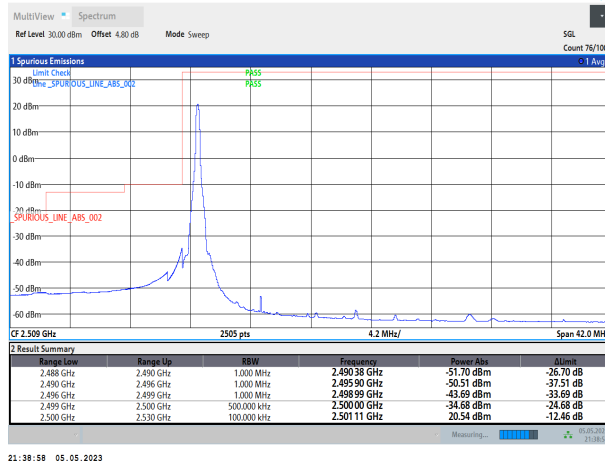
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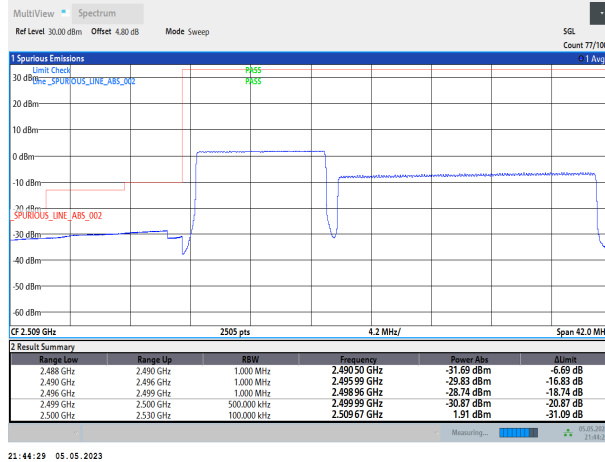
Band Edge

Test Graphs

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



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

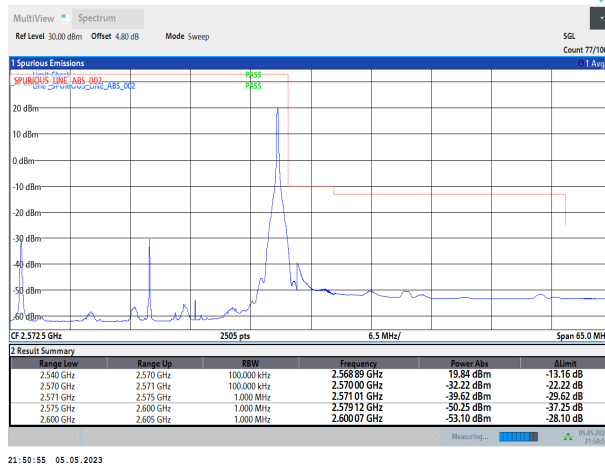


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7-7-10MHz-20MHz-QPSK-QPSK-21206-21350-0RB#0-1RB#99



21:50:55 05.05.2023

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



21:56:25 05.05.2023

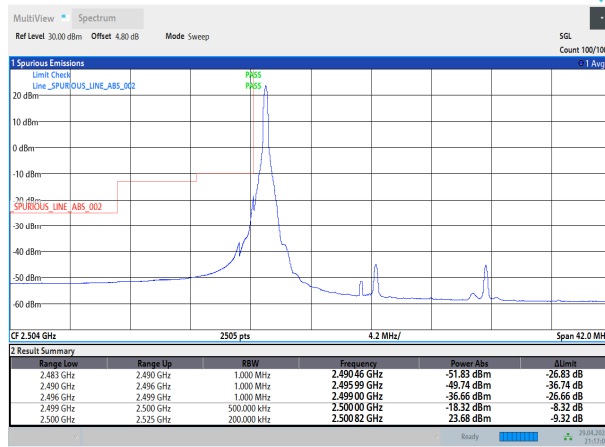


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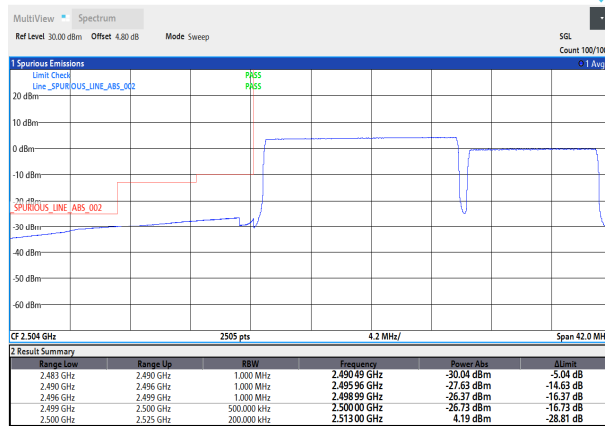
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7-7-15MHz-10MHz-QPSK-QPSK-20825-20945-1RB#0-0RB#0



21:17:01 29.04.2023

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



21:21:38 29.04.2023

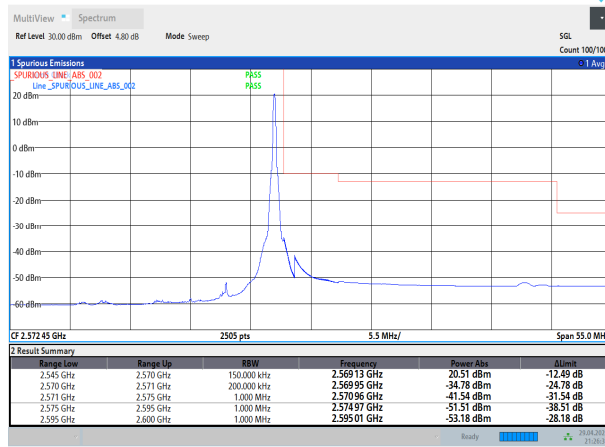


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7-7-15MHz-10MHz-QPSK-QPSK-21277-21397-0RB#0-1RB#49



21:26:40 29.04.2023

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



21:31:17 29.04.2023

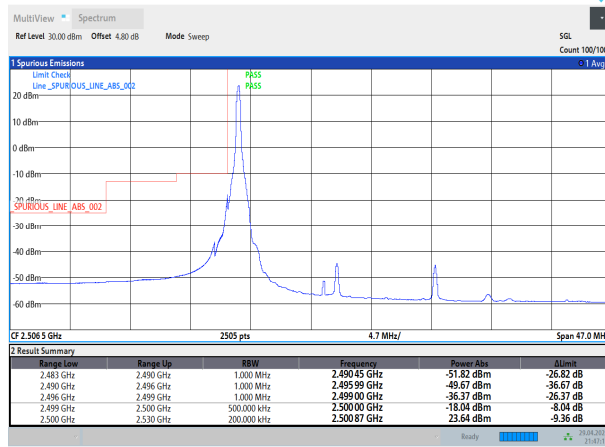


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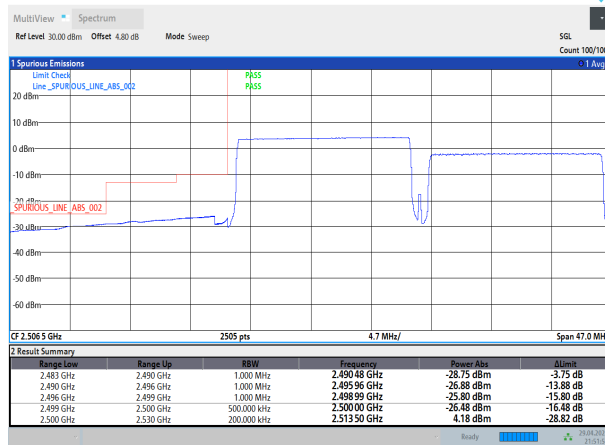
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7-7-15MHz-15MHz-QPSK-QPSK-20825-20975-1RB#0-0RB#0



21:47:13 29.04.2023

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



21:51:50 29.04.2023

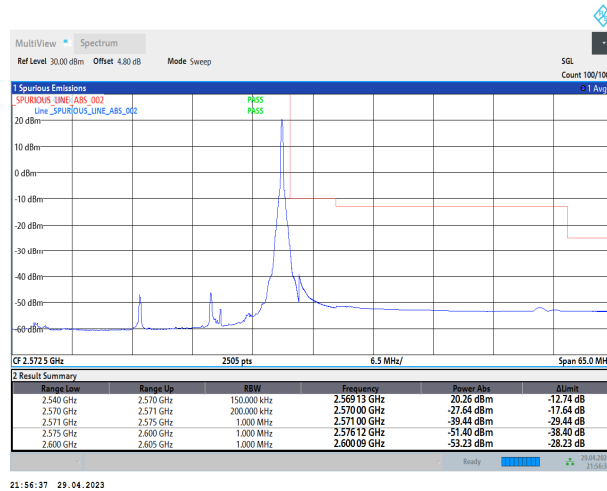


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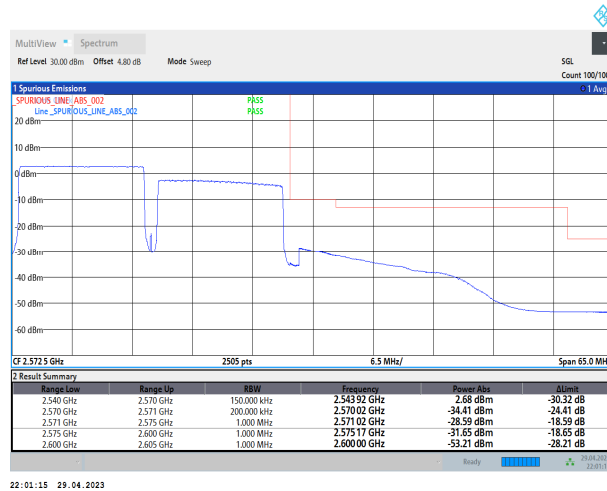
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7-7-15MHz-15MHz-QPSK-QPSK-21225-21375-0RB#0-1RB#74



21:56:37 29.04.2023

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22:01:15 29.04.2023

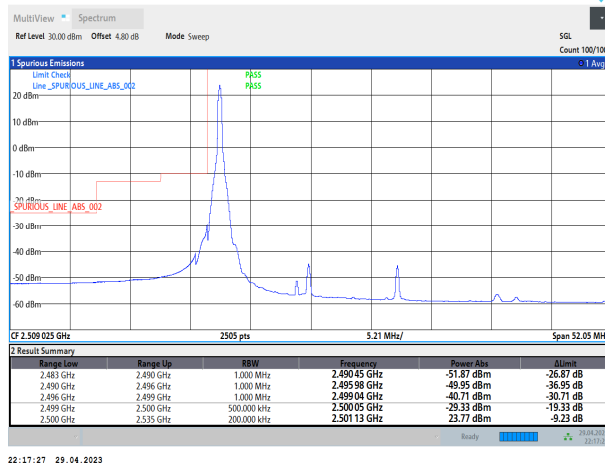


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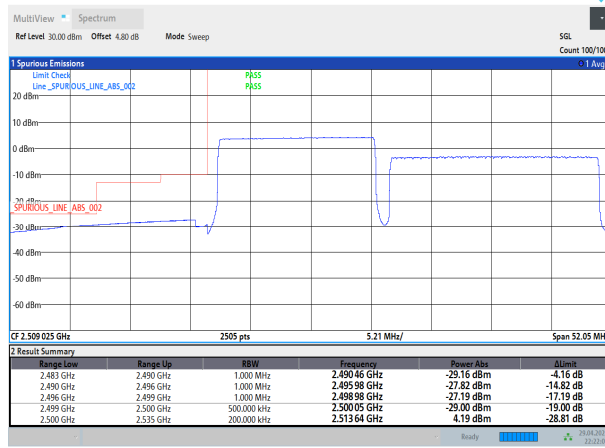
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7-7-15MHz-20MHz-QPSK-QPSK-20828-20999-1RB#0-0RB#0



22:17:27 29. 04. 2023

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



22:22:05 29. 04. 2023

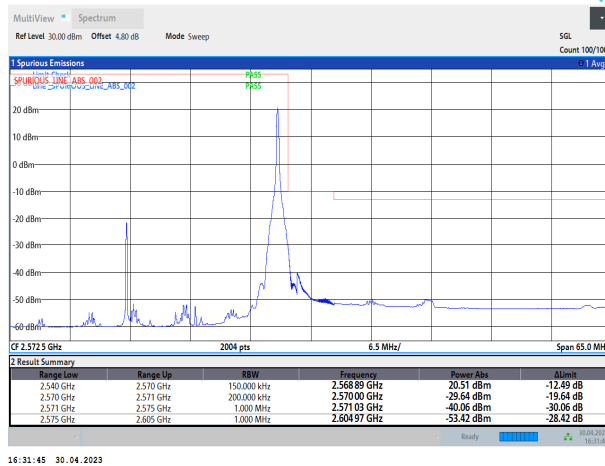


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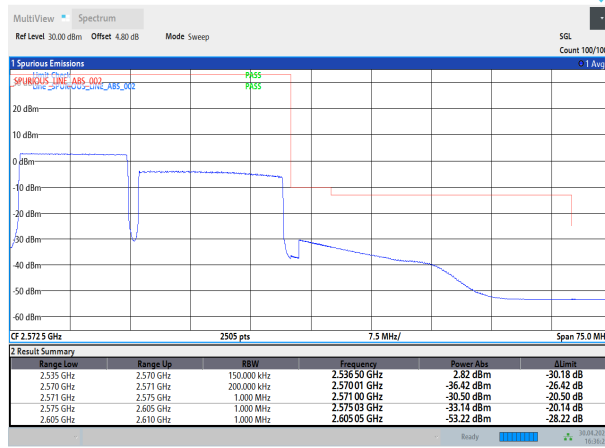
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7-7-15MHz-20MHz-QPSK-QPSK-21179-21350-0RB#0-1RB#99



16:31:45 30.04.2023

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16:36:22 30.04.2023

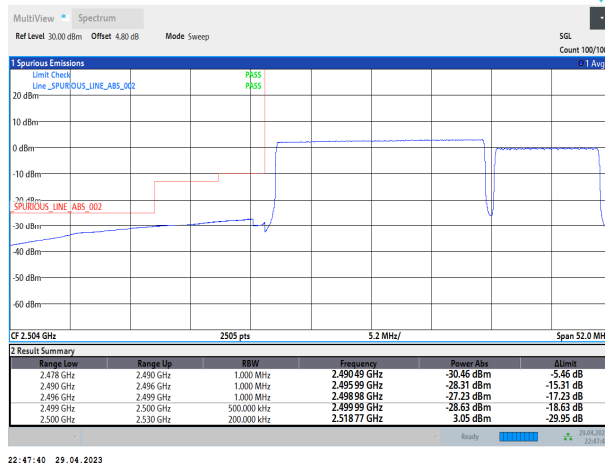


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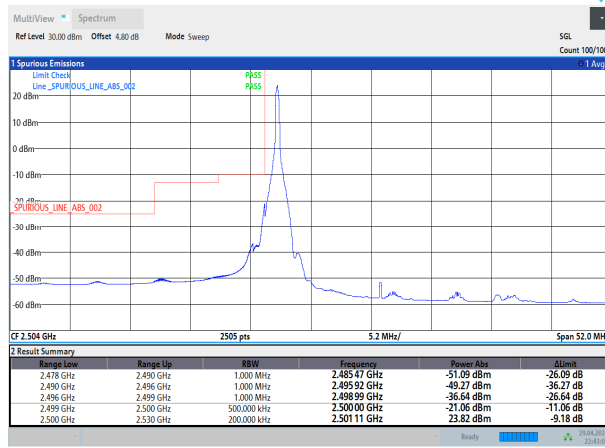
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7-7-20MHz-10MHz-QPSK-QPSK-20850-20994-100RB#0-50RB#0



22:47:40 29.04.2023

7-7-20MHz-10MHz-QPSK-QPSK-20850-20994-1RB#0-0RB#0



22:43:03 29.04.2023

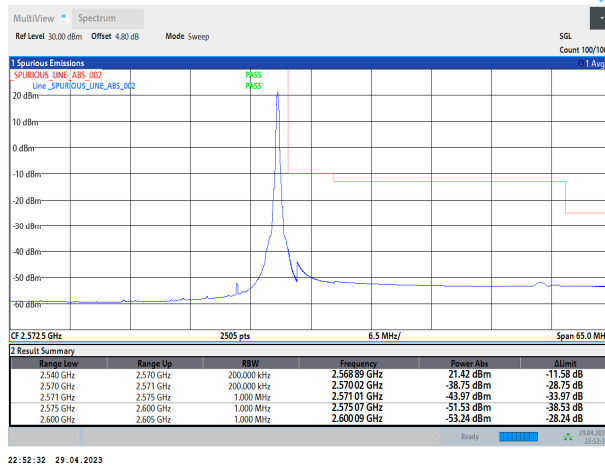


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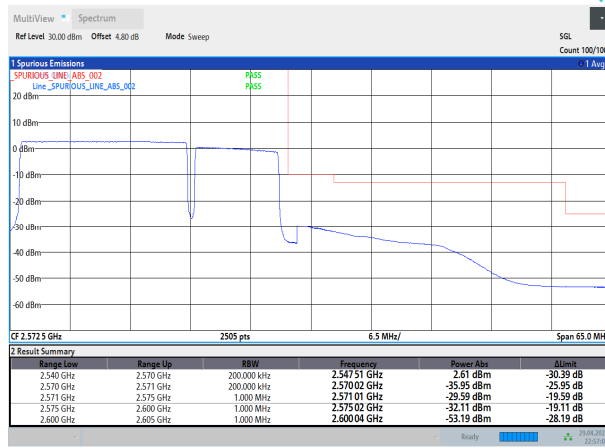
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7-7-20MHz-10MHz-QPSK-QPSK-21251-21395-0RB#0-1RB#49



22:52:32 29.04.2023

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



22:57:09 29.04.2023

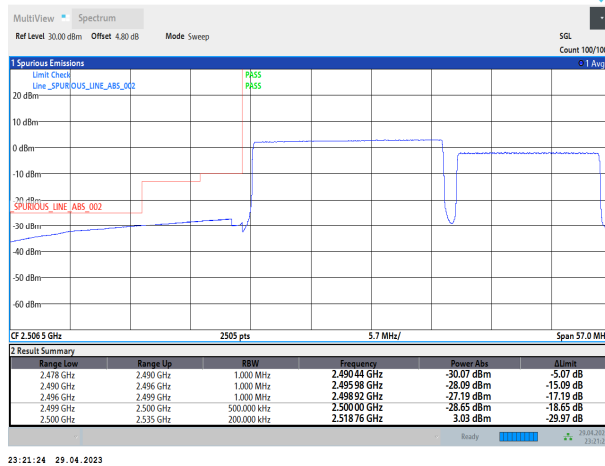


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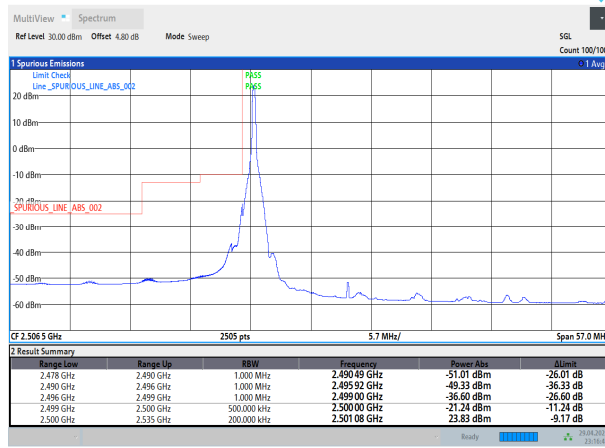
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7-7-20MHz-15MHz-QPSK-QPSK-20850-21021-100RB#0-75RB#0



23:21:24 29. 04. 2023

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



23:16:47 29. 04. 2023

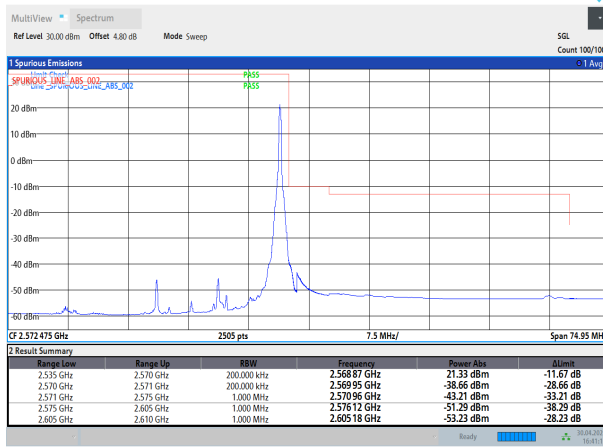


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7-7-20MHz-15MHz-QPSK-QPSK-21201-21372-0RB#0-1RB#74



16:41:14 30.04.2023

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



16:45:51 30.04.2023

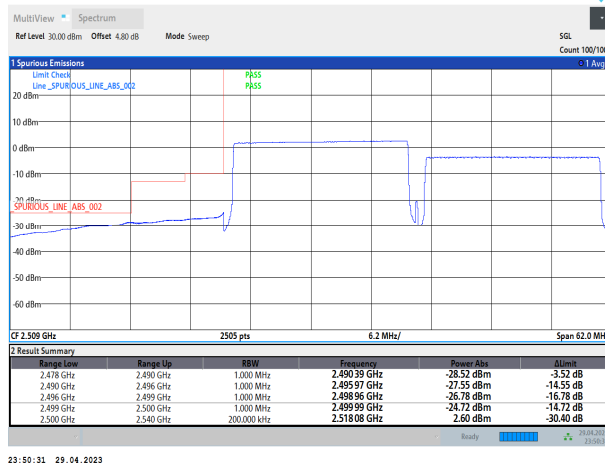


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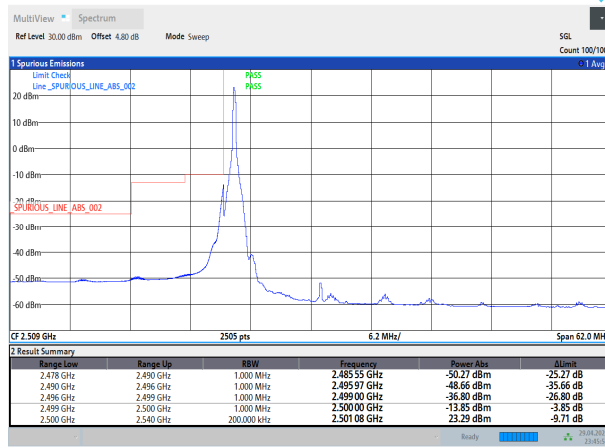
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7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-100RB#0-100RB#0



23:50:31 29.04.2023

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



23:45:54 29.04.2023

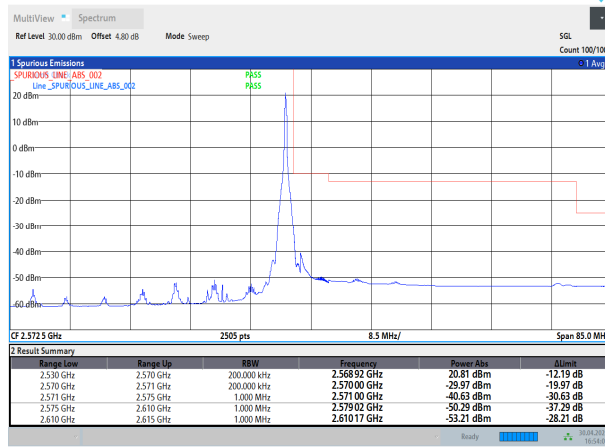


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7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-0RB#0-1RB#99



16:54:04 30.04.2023

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



16:58:42 30.04.2023



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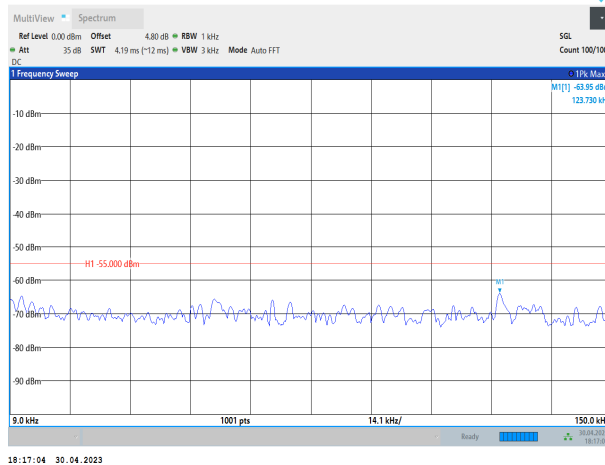
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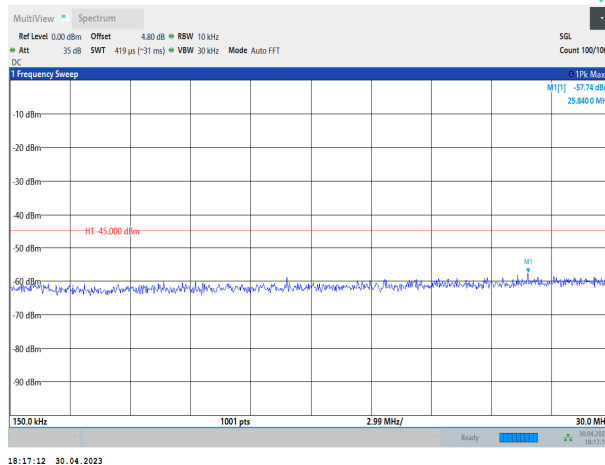
Conducted Spurious Emission

Test Graphs

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



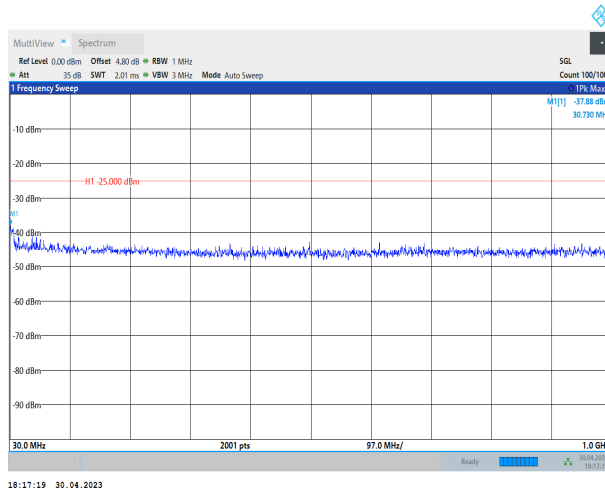
7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0RB#0-0.15~30MHz



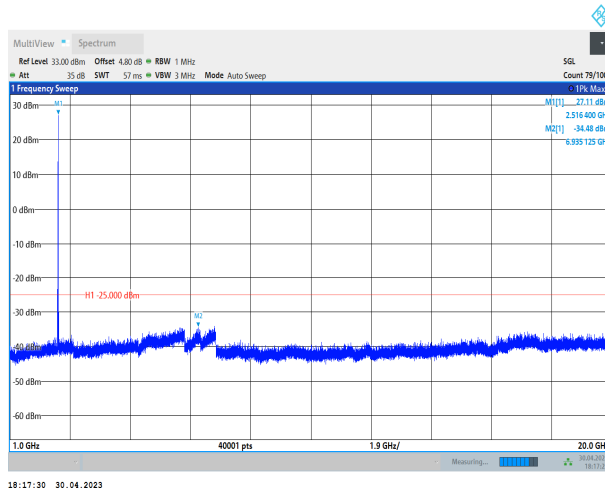
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7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0RB#0-30~1000MHz



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

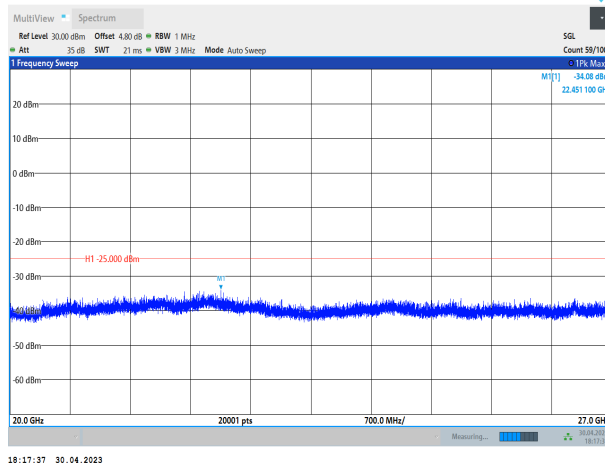


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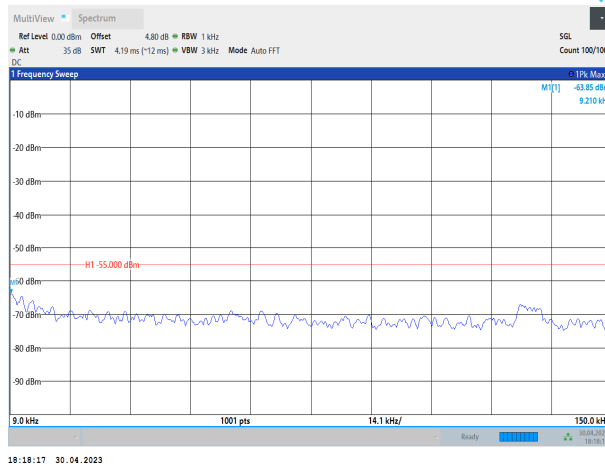
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7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#0-0RB#0-20000~27000MHz



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

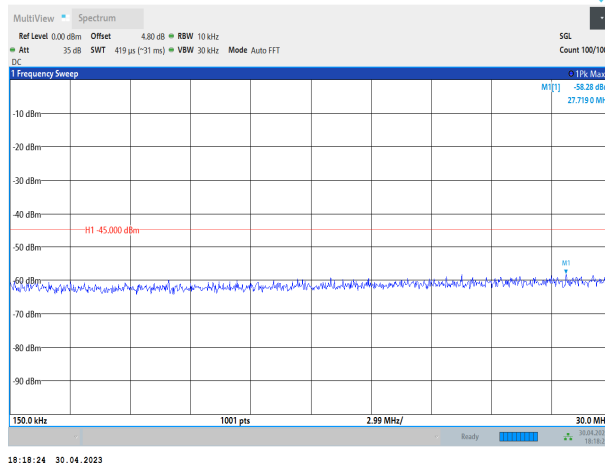


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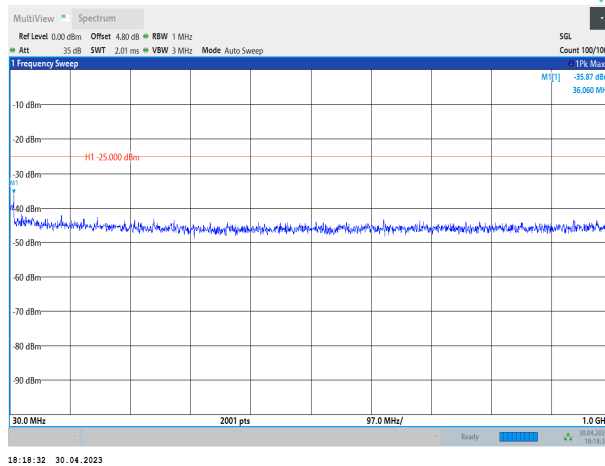
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7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0RB#0-0.15~30MHz



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

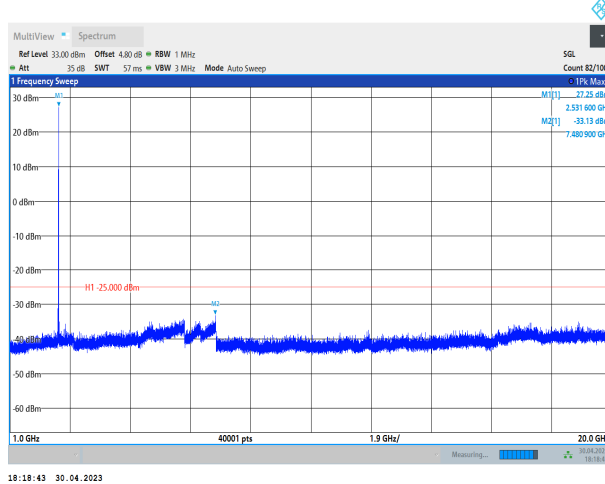


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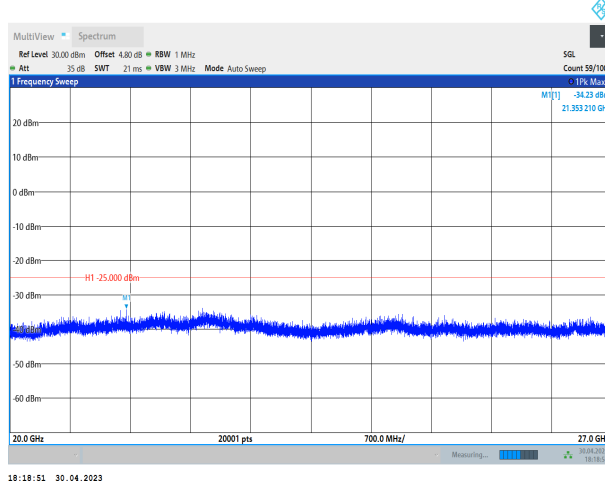
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7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-0RB#0-1000~20000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE Band7_CA_TM1

Test Channel = Low ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.1800	41.53	-45.63	32.88	-66.48	-25.00	41.48	174	356	Horizontal
2	7503.2700	40.39	-43.13	36.44	-61.56	-25.00	36.56	154	316	Horizontal
3	10004.3600	36.39	-39.23	38.50	-59.61	-25.00	34.61	126	300	Horizontal
4	12505.4500	34.22	-36.99	39.18	-58.85	-25.00	33.85	155	17	Horizontal
5	15006.5400	31.94	-34.65	39.21	-58.76	-25.00	33.76	192	59	Horizontal
6	17507.6300	33.09	-34.95	39.22	-57.90	-25.00	32.90	150	165	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.1800	41.49	-45.63	32.88	-66.52	-25.00	41.52	142	357	Vertical
2	7503.2700	40.24	-43.13	36.44	-61.71	-25.00	36.71	136	3	Vertical
3	10004.3600	36.48	-39.23	38.50	-59.52	-25.00	34.52	256	270	Vertical
4	12505.4500	34.22	-36.99	39.18	-58.85	-25.00	33.85	192	226	Vertical
5	15006.5400	32.35	-34.65	39.21	-58.35	-25.00	33.35	185	3	Vertical
6	17507.6300	32.81	-34.95	39.22	-58.18	-25.00	33.18	148	106	Vertical



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Test Band = LTE Band7_CA_TM1

Test Channel = Mid ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5032.3800	41.12	-45.55	32.90	-66.79	-25.00	41.79	214	357	Horizontal
2	7548.2700	40.18	-43.04	36.42	-61.70	-25.00	36.70	136	165	Horizontal
3	10064.7600	35.79	-39.16	38.59	-60.04	-25.00	35.04	258	317	Horizontal
4	12580.9500	33.61	-37.49	39.26	-59.88	-25.00	34.88	174	31	Horizontal
5	15097.1400	31.97	-34.94	39.09	-59.14	-25.00	34.14	185	0	Horizontal
6	17613.3300	32.16	-33.34	39.62	-56.82	-25.00	31.82	169	165	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5032.3800	42.18	-45.55	32.90	-65.73	-25.00	40.73	125	332	Vertical
2	7548.2700	39.92	-43.04	36.42	-61.96	-25.00	36.96	148	196	Vertical
3	10064.7600	35.54	-39.16	38.59	-60.29	-25.00	35.29	175	225	Vertical
4	12580.9500	33.15	-37.49	39.26	-60.34	-25.00	35.34	126	17	Vertical
5	15097.1400	32.27	-34.94	39.09	-58.84	-25.00	33.84	291	0	Vertical
6	17613.3300	31.52	-33.34	39.62	-57.46	-25.00	32.46	188	242	Vertical



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Test Band = LTE Band7_CA_TM1

Test Channel = High ANTO

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5062.5800	41.53	-45.47	32.91	-66.28	-25.00	41.28	142	120	Horizontal
2	7593.8700	39.14	-42.94	36.39	-62.67	-25.00	37.67	136	150	Horizontal
3	10125.1600	34.56	-39.22	38.69	-61.23	-25.00	36.23	256	150	Horizontal
4	12656.4500	32.91	-37.08	39.38	-60.05	-25.00	35.05	142	286	Horizontal
5	15187.7400	30.29	-34.04	38.97	-60.05	-25.00	35.05	185	74	Horizontal
6	17719.0300	31.14	-34.15	40.30	-57.97	-25.00	32.97	142	91	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5062.5800	41.67	-45.47	32.91	-66.14	-25.00	41.14	142	0	Vertical
2	7593.8700	38.79	-42.94	36.39	-63.02	-25.00	38.02	184	357	Vertical
3	10125.1600	34.54	-39.22	38.69	-61.25	-25.00	36.25	175	273	Vertical
4	12656.4500	32.36	-37.08	39.38	-60.60	-25.00	35.60	156	32	Vertical
5	15187.7400	29.81	-34.04	38.97	-60.53	-25.00	35.53	236	61	Vertical
6	17719.0300	32.04	-34.15	40.30	-57.07	-25.00	32.07	259	273	Vertical



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Test Band = LTE Band7_CA_TM1

Test Channel = Low ANT4

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.1800	41.26	-45.63	32.88	-66.75	-25.00	41.75	122	226	Horizontal
2	7503.2700	39.09	-43.13	36.44	-62.86	-25.00	37.86	145	2	Horizontal
3	10004.3600	35.24	-39.23	38.50	-60.76	-25.00	35.76	185	330	Horizontal
4	12505.4500	32.34	-36.99	39.18	-60.73	-25.00	35.73	174	209	Horizontal
5	15006.5400	29.93	-34.65	39.21	-60.77	-25.00	35.77	186	357	Horizontal
6	17507.6300	32.11	-34.95	39.22	-58.88	-25.00	33.88	253	135	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.1800	41.04	-45.63	32.88	-66.97	-25.00	41.97	125	3	Vertical
2	7503.2700	39.69	-43.13	36.44	-62.26	-25.00	37.26	148	93	Vertical
3	10004.3600	35.70	-39.23	38.50	-60.30	-25.00	35.30	175	317	Vertical
4	12505.4500	32.88	-36.99	39.18	-60.19	-25.00	35.19	145	17	Vertical
5	15006.5400	31.18	-34.65	39.21	-59.52	-25.00	34.52	159	93	Vertical
6	17507.6300	31.68	-34.95	39.22	-59.31	-25.00	34.31	136	168	Vertical



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Test Band = LTE Band7_CA_TM1

Test Channel = Mid ANT4

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5032.3800	40.83	-45.55	32.90	-67.08	-25.00	42.08	255	243	Horizontal
2	7548.2700	39.24	-43.04	36.42	-62.64	-25.00	37.64	144	347	Horizontal
3	10064.7600	35.18	-39.16	38.59	-60.65	-25.00	35.65	185	181	Horizontal
4	12580.9500	31.71	-37.49	39.26	-61.78	-25.00	36.78	166	46	Horizontal
5	15097.1400	30.52	-34.94	39.09	-60.59	-25.00	35.59	100	181	Horizontal
6	17613.3300	31.17	-33.34	39.62	-57.81	-25.00	32.81	147	257	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5032.3800	40.95	-45.55	32.90	-66.96	-25.00	41.96	214	164	Vertical
2	7548.2700	38.86	-43.04	36.42	-63.02	-25.00	38.02	148	0	Vertical
3	10064.7600	34.97	-39.16	38.59	-60.86	-25.00	35.86	174	60	Vertical
4	12580.9500	31.39	-37.49	39.26	-62.10	-25.00	37.10	123	1	Vertical
5	15097.1400	30.07	-34.94	39.09	-61.04	-25.00	36.04	261	0	Vertical
6	17613.3300	30.76	-33.34	39.62	-58.22	-25.00	33.22	159	74	Vertical



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Test Band = LTE Band7_CA_TM1

Test Channel = High ANT4

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5062.5800	41.04	-45.47	32.91	-66.77	-25.00	41.77	214	104	Horizontal
2	7593.8700	38.48	-42.94	36.39	-63.33	-25.00	38.33	159	225	Horizontal
3	10125.1600	34.72	-39.22	38.69	-61.07	-25.00	36.07	185	30	Horizontal
4	12656.4500	32.60	-37.08	39.38	-60.36	-25.00	35.36	136	225	Horizontal
5	15187.7400	29.42	-34.04	38.97	-60.92	-25.00	35.92	256	346	Horizontal
6	17719.0300	32.29	-34.15	40.30	-56.82	-25.00	31.82	122	256	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5062.5800	41.91	-45.47	32.91	-65.90	-25.00	40.90	211	3	Vertical
2	7593.8700	38.57	-42.94	36.39	-63.24	-25.00	38.24	145	118	Vertical
3	10125.1600	34.27	-39.22	38.69	-61.52	-25.00	36.52	155	30	Vertical
4	12656.4500	31.80	-37.08	39.38	-61.16	-25.00	36.16	142	135	Vertical
5	15187.7400	29.31	-34.04	38.97	-61.03	-25.00	36.03	136	1	Vertical
6	17719.0300	31.96	-34.15	40.30	-57.15	-25.00	32.15	259	301	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	VH	NT	12.90	0.005109	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	VL	NT	14.10	0.005584	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	VN	NT	13.90	0.005505	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	13.80	0.005465	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	-20	12.80	0.005069	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	-10	14.50	0.005742	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	0	14.50	0.005742	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	10	13.50	0.005346	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	20	14.20	0.005624	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	30	16.50	0.006534	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	40	13.80	0.005465	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	50	11.60	0.006524	PASS

---End of Attachment---



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