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Appendix



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Effective (Isotropic) Radiated Power Output Data Test Result

ANT3:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conduct ed power(d Bm)	EIRP (dBm)	Limit (dBm)	Verdict
CA_7C	10MHz-20MHz	QPSK-QPSK	20805-20949	1RB#0-0RB#0	22.98	21.47	33.00	PASS
CA_7C	10MHz-20MHz	QPSK-QPSK	21006-21150	1RB#0-0RB#0	23.02	21.51	33.00	PASS
CA_7C	10MHz-20MHz	QPSK-QPSK	21206-21350	1RB#0-0RB#0	22.96	21.45	33.00	PASS
CA_7C	10MHz-20MHz	16QAM-16QAM	20805-20949	1RB#0-0RB#0	22.30	20.79	33.00	PASS
CA_7C	10MHz-20MHz	16QAM-16QAM	21006-21150	1RB#0-0RB#0	22.24	20.73	33.00	PASS
CA_7C	10MHz-20MHz	16QAM-16QAM	21206-21350	1RB#0-0RB#0	22.42	20.91	33.00	PASS
CA_7C	10MHz-20MHz	64QAM-64QAM	20805-20949	1RB#0-0RB#0	21.28	19.77	33.00	PASS
CA_7C	10MHz-20MHz	64QAM-64QAM	21006-21150	1RB#0-0RB#0	21.31	19.80	33.00	PASS
CA_7C	10MHz-20MHz	64QAM-64QAM	21206-21350	1RB#0-0RB#0	21.58	20.07	33.00	PASS
CA_7C	10MHz-20MHz	256QAM-256QAM	20805-20949	1RB#0-0RB#0	23.18	21.67	33.00	PASS
CA_7C	10MHz-20MHz	256QAM-256QAM	21006-21150	1RB#0-0RB#0	23.20	21.69	33.00	PASS
CA_7C	10MHz-20MHz	256QAM-256QAM	21206-21350	1RB#0-0RB#0	18.41	16.90	33.00	PASS
CA_7C	15MHz-10MHz	QPSK-QPSK	20825-20945	1RB#0-0RB#0	22.91	21.40	33.00	PASS
CA_7C	15MHz-10MHz	QPSK-QPSK	21051-21171	1RB#0-0RB#0	22.86	21.35	33.00	PASS
CA_7C	15MHz-10MHz	QPSK-QPSK	21277-21397	1RB#0-0RB#0	23.19	21.68	33.00	PASS
CA_7C	15MHz-10MHz	16QAM-16QAM	20825-20945	1RB#0-0RB#0	22.23	20.72	33.00	PASS
CA_7C	15MHz-10MHz	16QAM-16QAM	21051-21171	1RB#0-0RB#0	22.28	20.77	33.00	PASS
CA_7C	15MHz-10MHz	16QAM-16QAM	21277-21397	1RB#0-0RB#0	22.48	20.97	33.00	PASS
CA_7C	15MHz-10MHz	64QAM-64QAM	20825-20945	1RB#0-0RB#0	21.36	19.85	33.00	PASS
CA_7C	15MHz-10MHz	64QAM-64QAM	21051-21171	1RB#0-0RB#0	21.31	19.80	33.00	PASS
CA_7C	15MHz-10MHz	64QAM-64QAM	21277-21397	1RB#0-0RB#0	21.44	19.93	33.00	PASS
CA_7C	15MHz-10MHz	256QAM-256QAM	20825-20945	1RB#0-0RB#0	18.40	16.89	33.00	PASS
CA_7C	15MHz-10MHz	256QAM-256QAM	21051-21171	1RB#0-0RB#0	18.35	16.84	33.00	PASS
CA_7C	15MHz-10MHz	256QAM-256QAM	21277-21397	1RB#0-0RB#0	18.50	16.99	33.00	PASS
CA_7C	15MHz-15MHz	QPSK-QPSK	20825-20975	1RB#0-0RB#0	22.91	21.40	33.00	PASS
CA_7C	15MHz-15MHz	QPSK-QPSK	21025-21175	1RB#0-0RB#0	22.95	21.44	33.00	PASS
CA_7C	15MHz-15MHz	QPSK-QPSK	21225-21375	1RB#0-0RB#0	23.01	21.50	33.00	PASS



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CA_7C	15MHz-15MHz	16QAM-16QAM	20825-20975	1RB#0-0RB#0	22.36	20.85	33.00	PASS
CA_7C	15MHz-15MHz	16QAM-16QAM	21025-21175	1RB#0-0RB#0	22.29	20.78	33.00	PASS
CA_7C	15MHz-15MHz	16QAM-16QAM	21225-21375	1RB#0-0RB#0	22.40	20.89	33.00	PASS
CA_7C	15MHz-15MHz	64QAM-64QAM	20825-20975	1RB#0-0RB#0	21.29	19.78	33.00	PASS
CA_7C	15MHz-15MHz	64QAM-64QAM	21025-21175	1RB#0-0RB#0	21.40	19.89	33.00	PASS
CA_7C	15MHz-15MHz	64QAM-64QAM	21225-21375	1RB#0-0RB#0	21.70	20.19	33.00	PASS
CA_7C	15MHz-15MHz	256QAM-256QAM	20825-20975	1RB#0-0RB#0	22.06	20.55	33.00	PASS
CA_7C	15MHz-15MHz	256QAM-256QAM	21025-21175	1RB#0-0RB#0	18.42	16.91	33.00	PASS
CA_7C	15MHz-15MHz	256QAM-256QAM	21225-21375	1RB#0-0RB#0	18.56	17.05	33.00	PASS
CA_7C	15MHz-20MHz	QPSK-QPSK	20828-20999	1RB#0-0RB#0	22.87	21.36	33.00	PASS
CA_7C	15MHz-20MHz	QPSK-QPSK	21003-21174	1RB#0-0RB#0	22.86	21.35	33.00	PASS
CA_7C	15MHz-20MHz	QPSK-QPSK	21179-21350	1RB#0-0RB#0	23.10	21.59	33.00	PASS
CA_7C	15MHz-20MHz	16QAM-16QAM	20828-20999	1RB#0-0RB#0	22.33	20.82	33.00	PASS
CA_7C	15MHz-20MHz	16QAM-16QAM	21003-21174	1RB#0-0RB#0	22.19	20.68	33.00	PASS
CA_7C	15MHz-20MHz	16QAM-16QAM	21179-21350	1RB#0-0RB#0	22.25	20.74	33.00	PASS
CA_7C	15MHz-20MHz	64QAM-64QAM	20828-20999	1RB#0-0RB#0	21.33	19.82	33.00	PASS
CA_7C	15MHz-20MHz	64QAM-64QAM	21003-21174	1RB#0-0RB#0	21.27	19.76	33.00	PASS
CA_7C	15MHz-20MHz	64QAM-64QAM	21179-21350	1RB#0-0RB#0	21.38	19.87	33.00	PASS
CA_7C	15MHz-20MHz	256QAM-256QAM	20828-20999	1RB#0-0RB#0	18.25	16.74	33.00	PASS
CA_7C	15MHz-20MHz	256QAM-256QAM	21003-21174	1RB#0-0RB#0	18.35	16.84	33.00	PASS
CA_7C	15MHz-20MHz	256QAM-256QAM	21179-21350	1RB#0-0RB#0	18.41	16.90	33.00	PASS
CA_7C	20MHz-10MHz	QPSK-QPSK	20850-20994	1RB#0-0RB#0	23.04	21.53	33.00	PASS
CA_7C	20MHz-10MHz	QPSK-QPSK	21051-21195	1RB#0-0RB#0	23.02	21.51	33.00	PASS
CA_7C	20MHz-10MHz	QPSK-QPSK	21251-21395	1RB#0-0RB#0	23.16	21.65	33.00	PASS
CA_7C	20MHz-10MHz	16QAM-16QAM	20850-20994	1RB#0-0RB#0	22.15	20.64	33.00	PASS
CA_7C	20MHz-10MHz	16QAM-16QAM	21051-21195	1RB#0-0RB#0	22.18	20.67	33.00	PASS
CA_7C	20MHz-10MHz	16QAM-16QAM	21251-21395	1RB#0-0RB#0	22.42	20.91	33.00	PASS
CA_7C	20MHz-10MHz	64QAM-64QAM	20850-20994	1RB#0-0RB#0	22.61	21.10	33.00	PASS
CA_7C	20MHz-10MHz	64QAM-64QAM	21051-21195	1RB#0-0RB#0	21.35	19.84	33.00	PASS
CA_7C	20MHz-10MHz	64QAM-64QAM	21251-21395	1RB#0-0RB#0	21.54	20.03	33.00	PASS
CA_7C	20MHz-10MHz	256QAM-256QAM	20850-20994	1RB#0-0RB#0	19.05	17.54	33.00	PASS
CA_7C	20MHz-10MHz	256QAM-256QAM	21051-21195	1RB#0-0RB#0	18.26	16.75	33.00	PASS



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CA_7C	20MHz-10MHz	256QAM-256QAM	21251-21395	1RB#0-0RB#0	18.50	16.99	33.00	PASS
CA_7C	20MHz-15MHz	QPSK-QPSK	20850-21021	1RB#0-0RB#0	22.93	21.42	33.00	PASS
CA_7C	20MHz-15MHz	QPSK-QPSK	21026-21197	1RB#0-0RB#0	22.94	21.43	33.00	PASS
CA_7C	20MHz-15MHz	QPSK-QPSK	21201-21372	1RB#0-0RB#0	22.96	21.45	33.00	PASS
CA_7C	20MHz-15MHz	16QAM-16QAM	20850-21021	1RB#0-0RB#0	22.22	20.71	33.00	PASS
CA_7C	20MHz-15MHz	16QAM-16QAM	21026-21197	1RB#0-0RB#0	22.23	20.72	33.00	PASS
CA_7C	20MHz-15MHz	16QAM-16QAM	21201-21372	1RB#0-0RB#0	22.31	20.80	33.00	PASS
CA_7C	20MHz-15MHz	64QAM-64QAM	20850-21021	1RB#0-0RB#0	21.33	19.82	33.00	PASS
CA_7C	20MHz-15MHz	64QAM-64QAM	21026-21197	1RB#0-0RB#0	21.25	19.74	33.00	PASS
CA_7C	20MHz-15MHz	64QAM-64QAM	21201-21372	1RB#0-0RB#0	21.30	19.79	33.00	PASS
CA_7C	20MHz-15MHz	256QAM-256QAM	20850-21021	1RB#0-0RB#0	18.33	16.82	33.00	PASS
CA_7C	20MHz-15MHz	256QAM-256QAM	21026-21197	1RB#0-0RB#0	18.18	16.67	33.00	PASS
CA_7C	20MHz-15MHz	256QAM-256QAM	21201-21372	1RB#0-0RB#0	18.37	16.86	33.00	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#0-0RB#0	22.88	21.37	33.00	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#0-0RB#0	22.85	21.34	33.00	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#0-0RB#0	22.84	21.33	33.00	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#0-0RB#0	22.29	20.78	33.00	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	21001-21199	1RB#0-0RB#0	21.94	20.43	33.00	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#0-0RB#0	22.19	20.68	33.00	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#0-0RB#0	21.40	19.89	33.00	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	21001-21199	1RB#0-0RB#0	21.26	19.75	33.00	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#0-0RB#0	21.38	19.87	33.00	PASS
CA_7C	20MHz-20MHz	256QAM-256QAM	20850-21048	1RB#0-0RB#0	18.26	16.75	33.00	PASS
CA_7C	20MHz-20MHz	256QAM-256QAM	21001-21199	1RB#0-0RB#0	18.14	16.63	33.00	PASS
CA_7C	20MHz-20MHz	256QAM-256QAM	21152-21350	1RB#0-0RB#0	18.36	16.85	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
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	8.28	13	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	8.22	13	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	8.26	13	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	8.24	13	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	8.26	13	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	8.28	13	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	8.26	13	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	8.44	13	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	8.30	13	PASS
CA_7C	20MHz-20MHz	256QAM-256QAM	20850-21048	100RB#0-100RB#0	8.26	13	PASS
CA_7C	20MHz-20MHz	256QAM-256QAM	21001-21199	100RB#0-100RB#0	8.30	13	PASS
CA_7C	20MHz-20MHz	256QAM-256QAM	21152-21350	100RB#0-100RB#0	8.48	13	PASS



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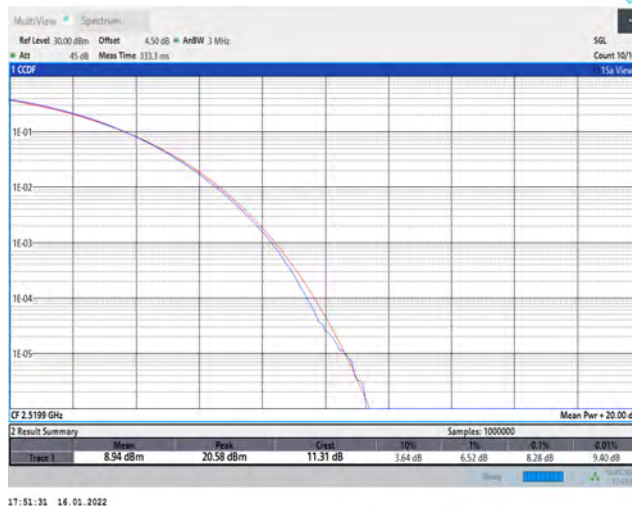
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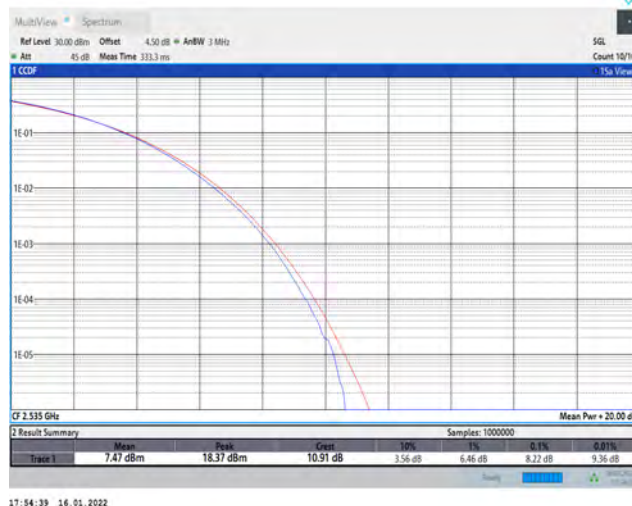
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Test Graphs

CA_7C-20MHz-20MHz-QPSK-QPSK-20850-21048-100RB#0-100RB#0



CA_7C-20MHz-20MHz-QPSK-QPSK-21001-21199-100RB#0-100RB#0



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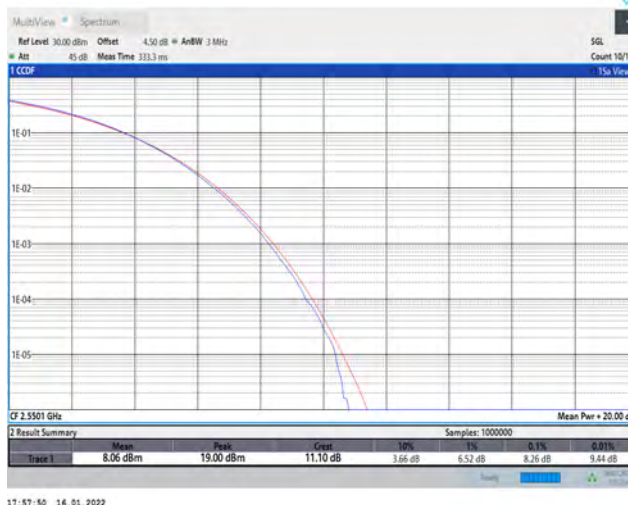
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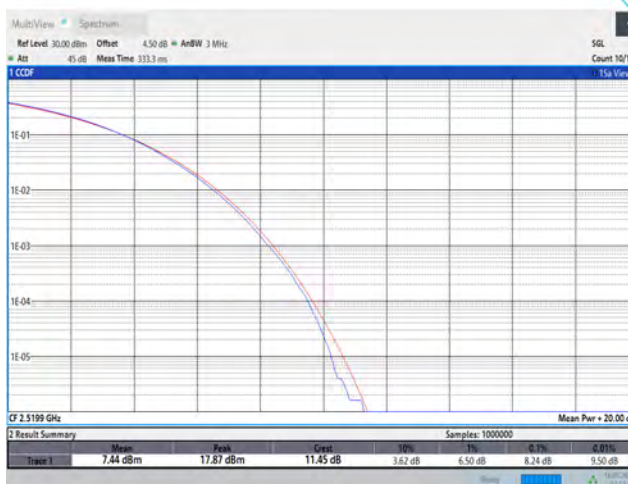
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CA_7C-20MHz-20MHz-QPSK-QPSK-21152-21350-100RB#0-100RB#0



17:57:50 16.01.2022

CA_7C-20MHz-20MHz-16QAM-16QAM-20850-21048-100RB#0-100RB#0



17:52:01 16.01.2022



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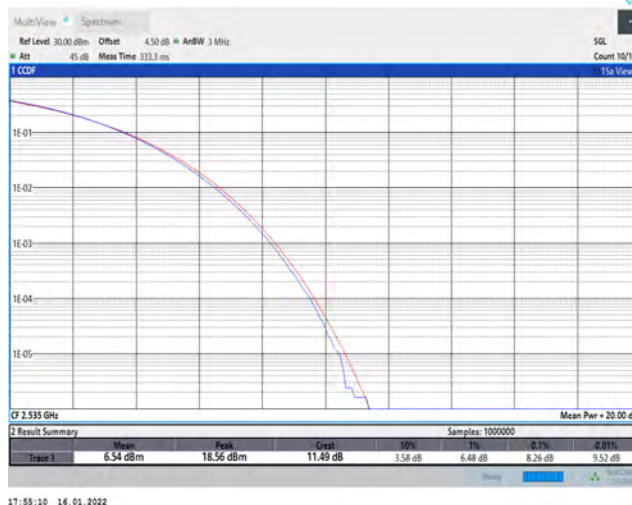
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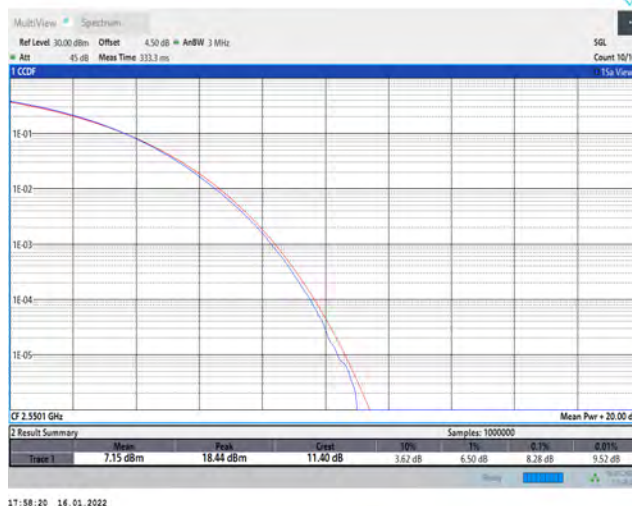
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CA_7C-20MHz-20MHz-16QAM-16QAM-21001-21199-100RB#0-100RB#0



CA_7C-20MHz-20MHz-16QAM-16QAM-21152-21350-100RB#0-100RB#0



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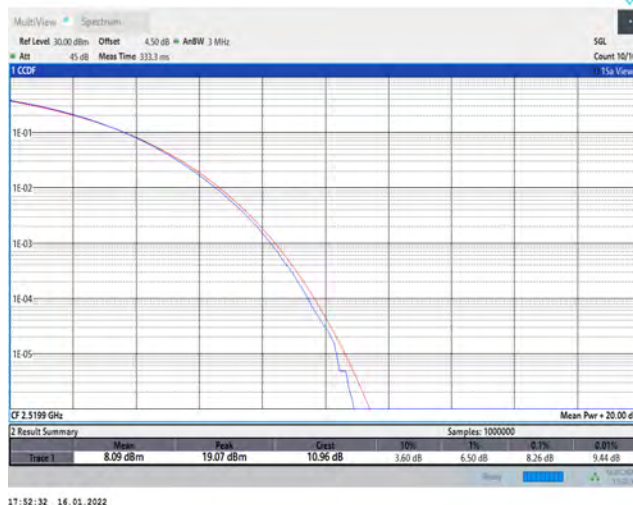
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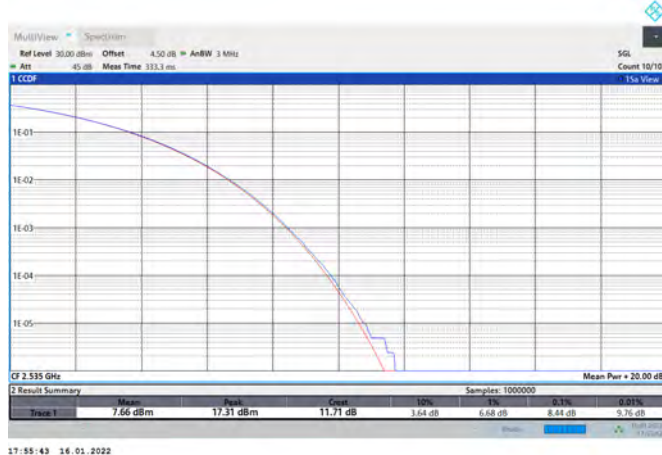
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CA_7C-20MHz-20MHz-64QAM-64QAM-20850-21048-100RB#0-100RB#0



CA_7C-20MHz-20MHz-64QAM-64QAM-21001-21199-100RB#0-100RB#0



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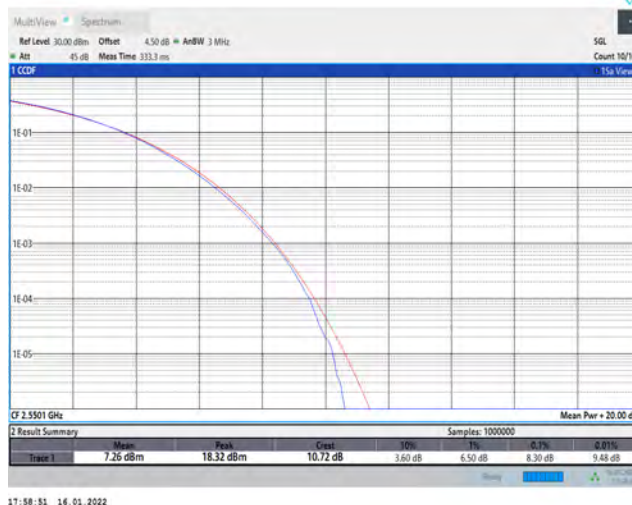
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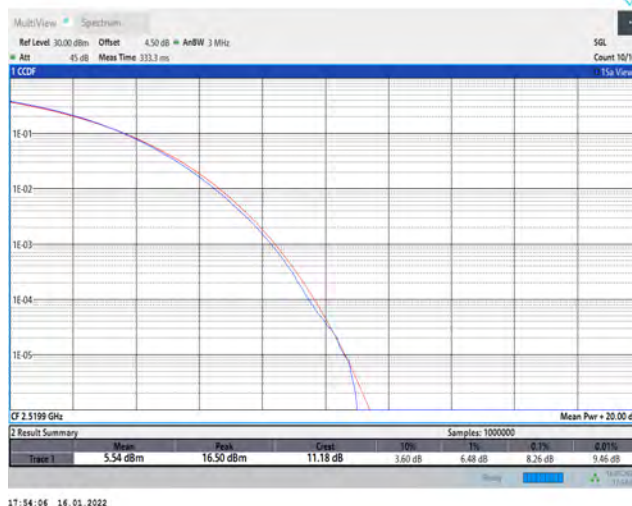
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CA_7C-20MHz-20MHz-64QAM-64QAM-21152-21350-100RB#0-100RB#0



CA_7C-20MHz-20MHz-256QAM-256QAM-20850-21048-100RB#0-100RB#0



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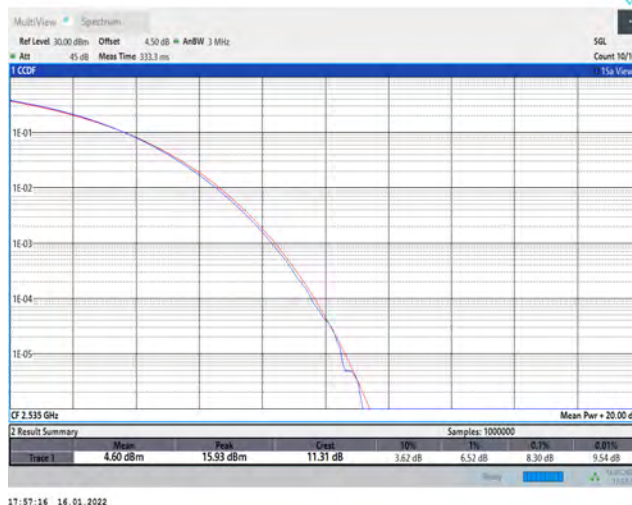
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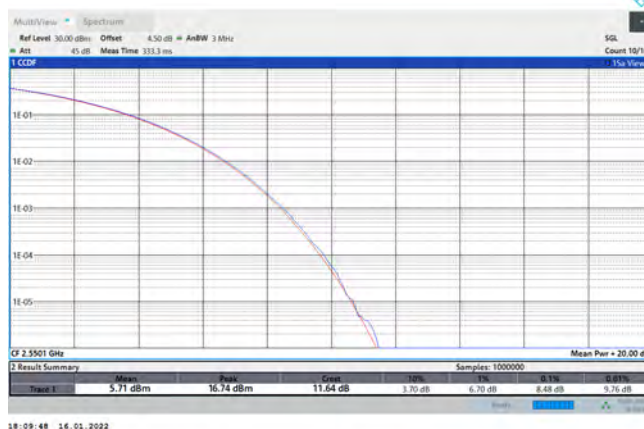
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CA_7C-20MHz-20MHz-256QAM-256QAM-21001-21199-100RB#0-100RB#0



CA_7C-20MHz-20MHz-256QAM-256QAM-21152-21350-100RB#0-100RB#0



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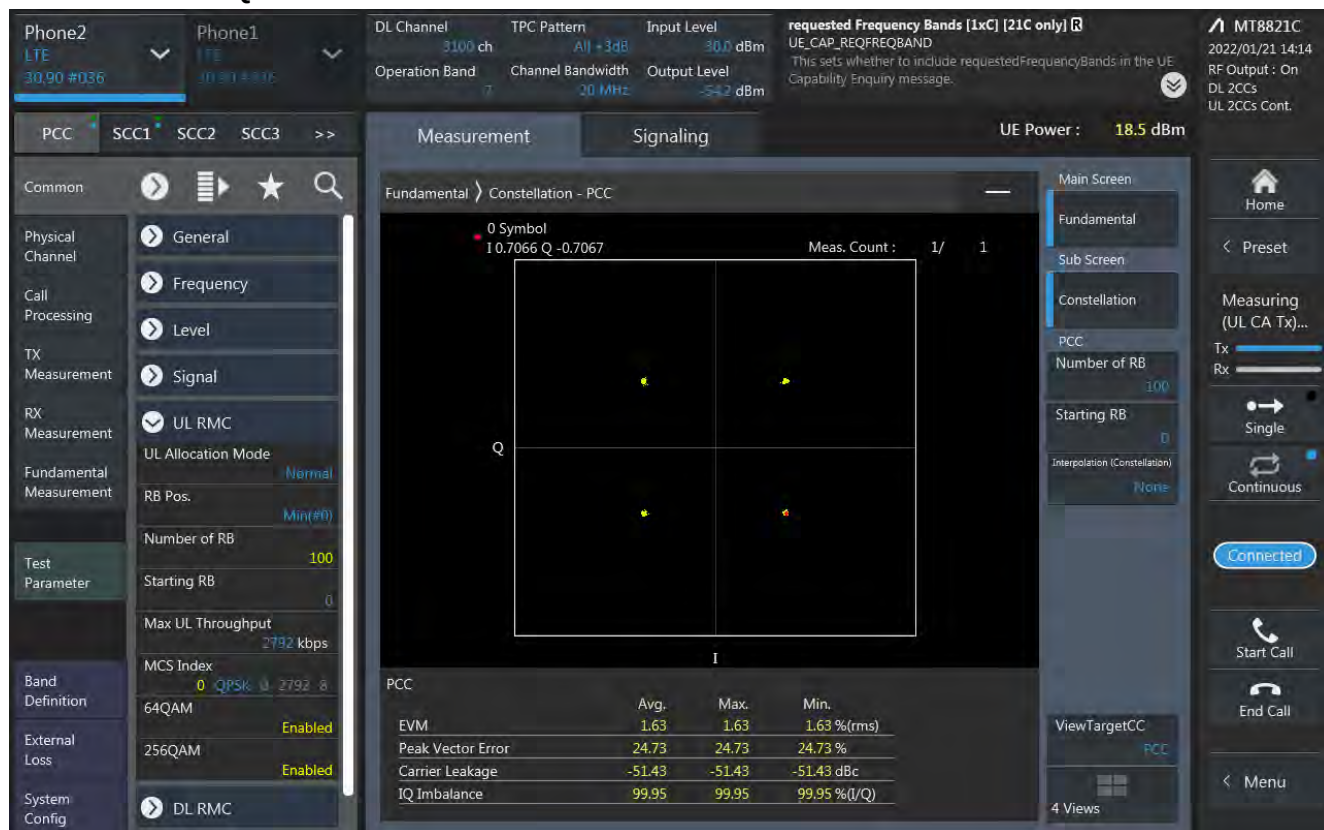
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Modulation Characteristics

For CA

Test Band = LTE Band CA_7C

Test Mode = LTE /QPSK 100RB+100RB



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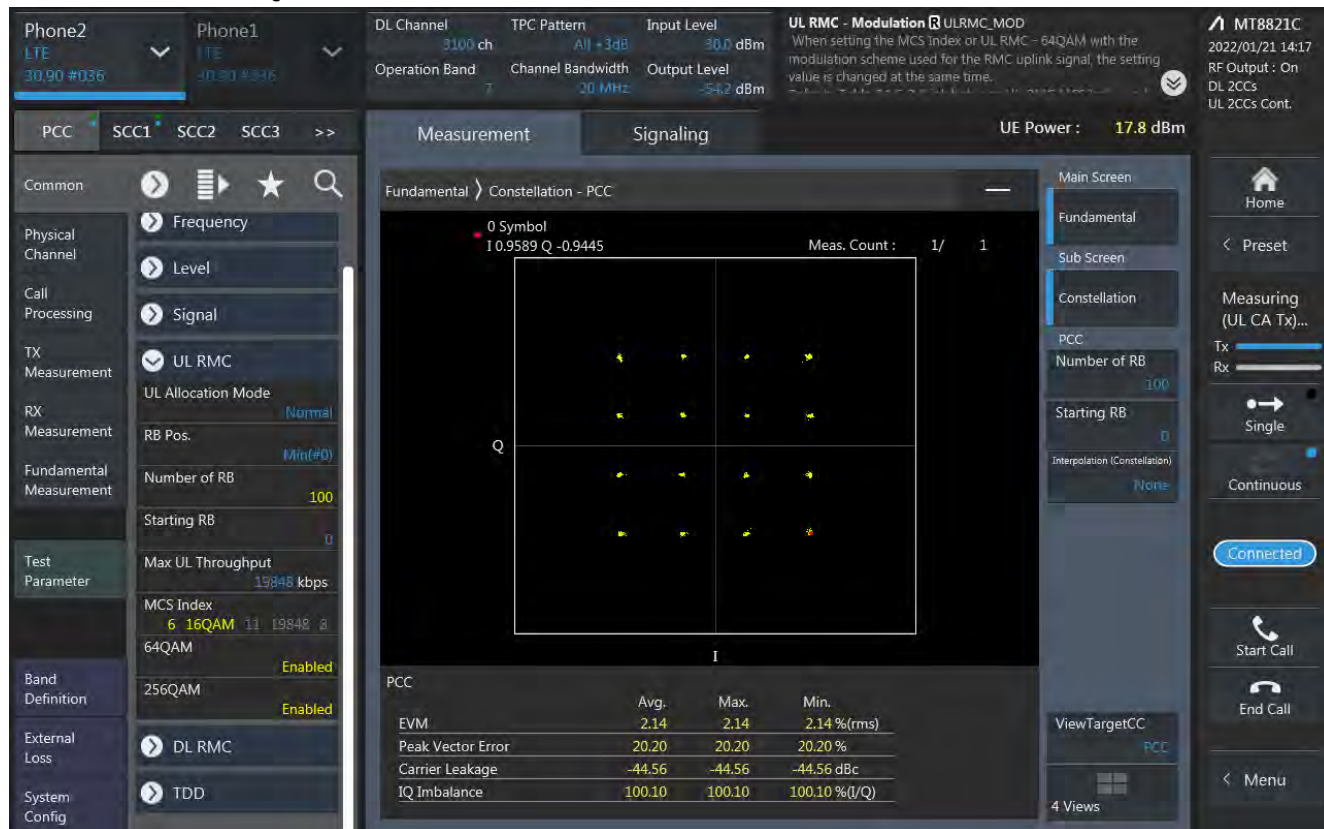
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Test Mode = LTE /16QAM 100RB+100RB



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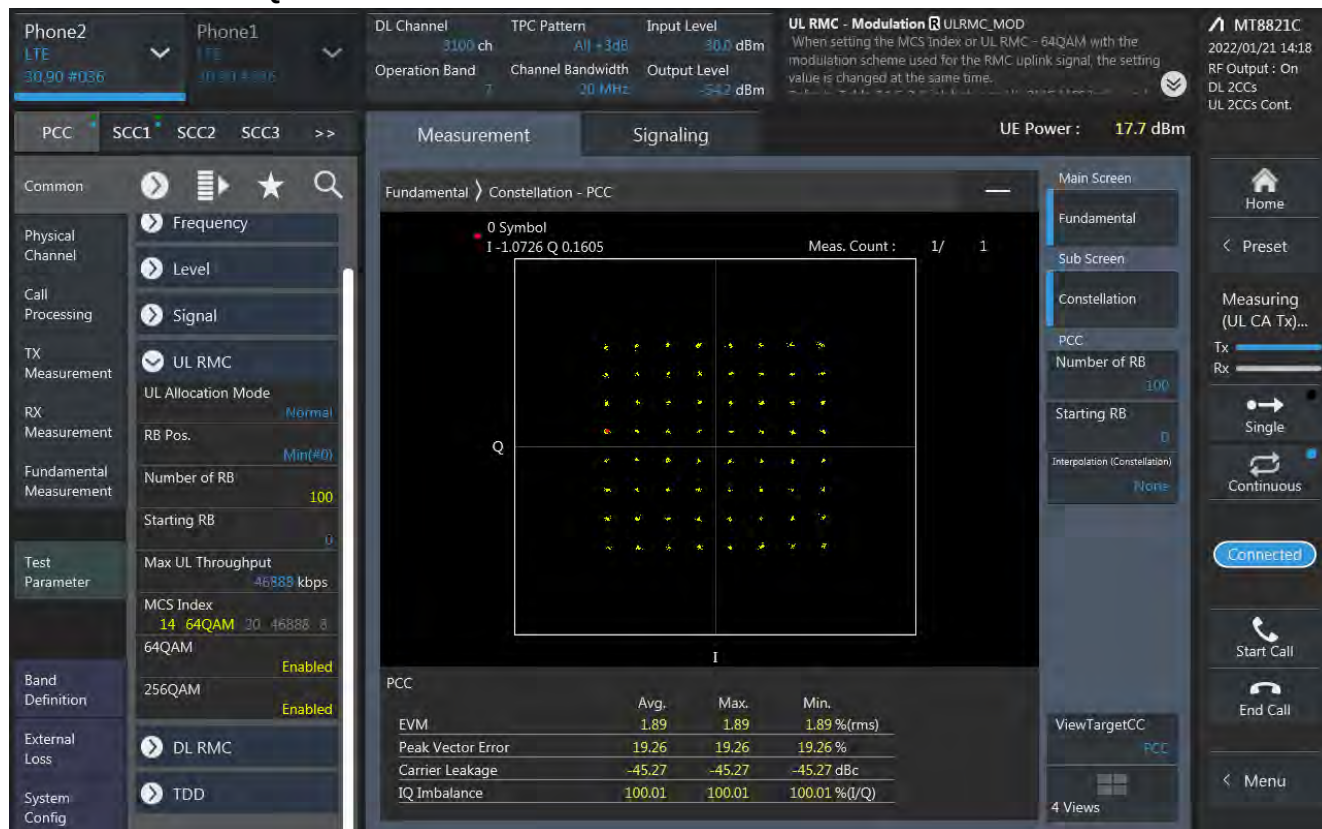
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Test Mode = LTE /64QAM 100RB+100RB



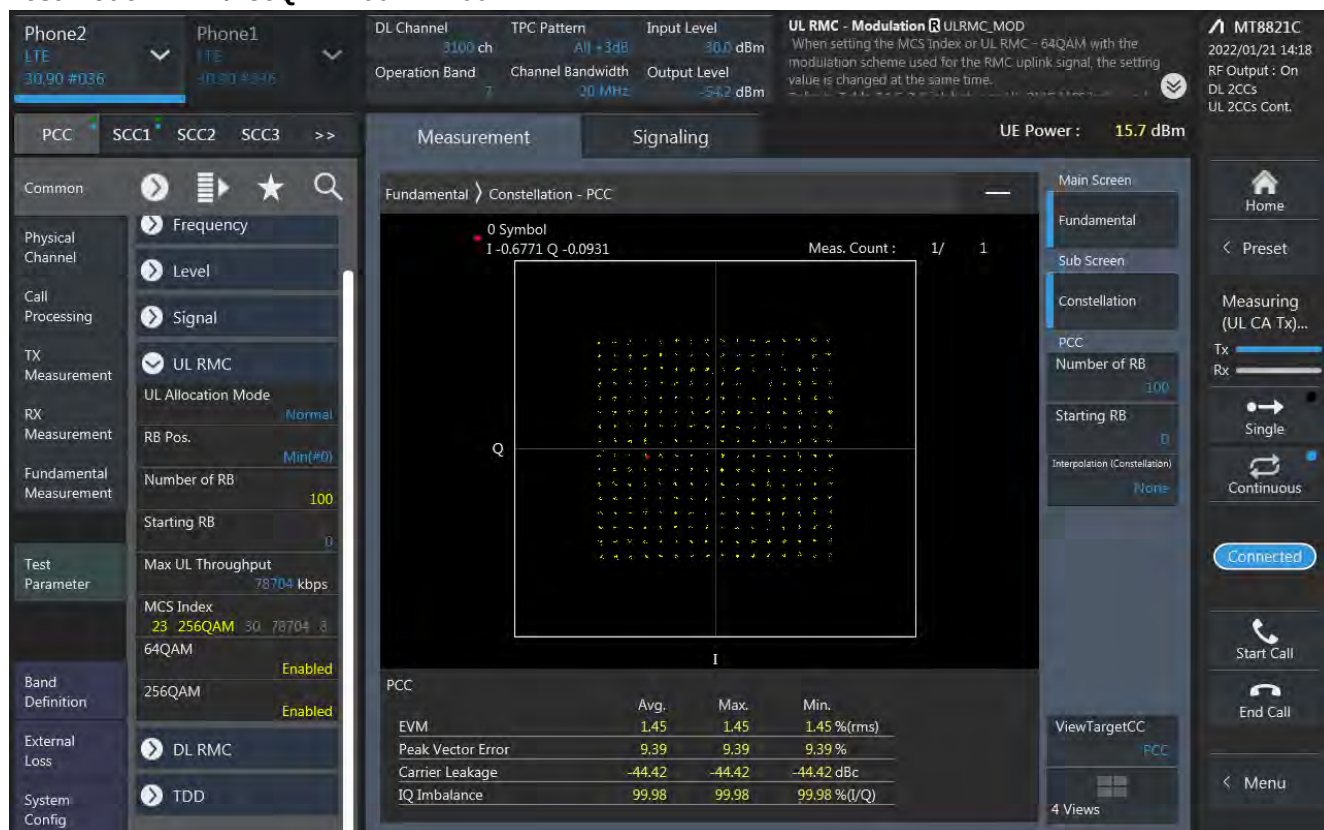
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Test Mode = LTE /256QAM 100RB+100RB



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26dB Bandwidth and Occupied Bandwidth Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth h (MHz)	26dB Bandwidth h (MHz)	Verdict
CA 7C	10MHz-20MHz	QPSK-QPSK	20805-20949	50RB#0-100RB#0	27.711	29.46	PASS
CA 7C	10MHz-20MHz	QPSK-QPSK	21006-21150	50RB#0-100RB#0	27.746	29.52	PASS
CA 7C	10MHz-20MHz	QPSK-QPSK	21206-21350	50RB#0-100RB#0	27.676	29.28	PASS
CA 7C	10MHz-20MHz	16QAM-16QAM	20805-20949	50RB#0-100RB#0	27.661	29.40	PASS
CA 7C	10MHz-20MHz	16QAM-16QAM	21006-21150	50RB#0-100RB#0	27.764	29.40	PASS
CA 7C	10MHz-20MHz	16QAM-16QAM	21206-21350	50RB#0-100RB#0	27.561	29.46	PASS
CA 7C	10MHz-20MHz	64QAM-64QAM	20805-20949	50RB#0-100RB#0	27.685	29.34	PASS
CA 7C	10MHz-20MHz	64QAM-64QAM	21006-21150	50RB#0-100RB#0	27.753	29.40	PASS
CA 7C	10MHz-20MHz	64QAM-64QAM	21206-21350	50RB#0-100RB#0	27.67	29.34	PASS
CA 7C	10MHz-20MHz	256QAM-256QAM	20805-20949	50RB#0-100RB#0	27.606	29.52	PASS
CA 7C	10MHz-20MHz	256QAM-256QAM	21006-21150	50RB#0-100RB#0	27.707	29.52	PASS
CA 7C	10MHz-20MHz	256QAM-256QAM	21206-21350	50RB#0-100RB#0	27.64	29.46	PASS
CA 7C	15MHz-10MHz	QPSK-QPSK	20825-20945	75RB#0-50RB#0	23.126	29.15	PASS
CA 7C	15MHz-10MHz	QPSK-QPSK	21051-21171	75RB#0-50RB#0	23.177	25.10	PASS
CA 7C	15MHz-10MHz	QPSK-QPSK	21277-21397	75RB#0-50RB#0	23.142	24.95	PASS
CA 7C	15MHz-10MHz	16QAM-16QAM	20825-20945	75RB#0-50RB#0	23.111	25.60	PASS
CA 7C	15MHz-10MHz	16QAM-16QAM	21051-21171	75RB#0-50RB#0	23.194	25.00	PASS
CA 7C	15MHz-10MHz	16QAM-16QAM	21277-21397	75RB#0-50RB#0	23.123	24.85	PASS
CA 7C	15MHz-10MHz	64QAM-64QAM	20825-20945	75RB#0-50RB#0	23.079	24.75	PASS
CA 7C	15MHz-10MHz	64QAM-64QAM	21051-21171	75RB#0-50RB#0	23.197	25.00	PASS
CA 7C	15MHz-10MHz	64QAM-64QAM	21277-21397	75RB#0-50RB#0	23.135	24.95	PASS
CA 7C	15MHz-10MHz	256QAM-256QAM	20825-20945	75RB#0-50RB#0	23.086	24.80	PASS
CA 7C	15MHz-10MHz	256QAM-256QAM	21051-21171	75RB#0-50RB#0	23.173	24.85	PASS
CA 7C	15MHz-10MHz	256QAM-256QAM	21277-21397	75RB#0-50RB#0	23.087	24.80	PASS
CA 7C	15MHz-15MHz	QPSK-QPSK	20825-20975	75RB#0-75RB#0	28.265	30.12	PASS
CA 7C	15MHz-15MHz	QPSK-QPSK	21025-21175	75RB#0-75RB#0	28.329	30.18	PASS
CA 7C	15MHz-15MHz	QPSK-QPSK	21225-21375	75RB#0-75RB#0	28.282	30.06	PASS
CA 7C	15MHz-15MHz	16QAM-16QAM	20825-20975	75RB#0-75RB#0	28.209	30.18	PASS
CA 7C	15MHz-15MHz	16QAM-16QAM	21025-21175	75RB#0-75RB#0	28.352	30.12	PASS
CA 7C	15MHz-15MHz	16QAM-16QAM	21225-21375	75RB#0-75RB#0	28.281	30.06	PASS
CA 7C	15MHz-15MHz	64QAM-64QAM	20825-20975	75RB#0-75RB#0	28.272	30.00	PASS
CA 7C	15MHz-15MHz	64QAM-64QAM	21025-21175	75RB#0-75RB#0	28.361	30.30	PASS
CA 7C	15MHz-15MHz	64QAM-64QAM	21225-21375	75RB#0-75RB#0	28.281	30.18	PASS
CA 7C	15MHz-15MHz	256QAM-256QAM	20825-20975	75RB#0-75RB#0	28.229	30.06	PASS
CA 7C	15MHz-15MHz	256QAM-256QAM	21025-21175	75RB#0-75RB#0	28.33	30.18	PASS
CA 7C	15MHz-15MHz	256QAM-256QAM	21225-21375	75RB#0-75RB#0	28.236	30.24	PASS
CA 7C	15MHz-20MHz	QPSK-QPSK	20828-20999	75RB#0-100RB#0	32.502	34.65	PASS
CA 7C	15MHz-20MHz	QPSK-QPSK	21003-21174	75RB#0-100RB#0	32.811	34.51	PASS
CA 7C	15MHz-20MHz	QPSK-QPSK	21179-21350	75RB#0-100RB#0	32.529	34.58	PASS
CA 7C	15MHz-20MHz	16QAM-16QAM	20828-20999	75RB#0-100RB#0	32.48	34.51	PASS
CA 7C	15MHz-20MHz	16QAM-16QAM	21003-21174	75RB#0-100RB#0	32.638	34.51	PASS



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CA 7C	15MHz-20MHz	16QAM-16QAM	21179-21350	75RB#0-100RB#0	32.545	34.58	PASS
CA 7C	15MHz-20MHz	64QAM-64QAM	20828-20999	75RB#0-100RB#0	32.461	34.58	PASS
CA 7C	15MHz-20MHz	64QAM-64QAM	21003-21174	75RB#0-100RB#0	32.618	34.51	PASS
CA 7C	15MHz-20MHz	64QAM-64QAM	21179-21350	75RB#0-100RB#0	32.523	34.79	PASS
CA 7C	15MHz-20MHz	256QAM-256QAM	20828-20999	75RB#0-100RB#0	32.407	34.44	PASS
CA 7C	15MHz-20MHz	256QAM-256QAM	21003-21174	75RB#0-100RB#0	32.68	34.51	PASS
CA 7C	15MHz-20MHz	256QAM-256QAM	21179-21350	75RB#0-100RB#0	32.52	34.58	PASS
CA 7C	20MHz-10MHz	QPSK-QPSK	20850-20994	100RB#0-50RB#0	27.705	29.76	PASS
CA 7C	20MHz-10MHz	QPSK-QPSK	21051-21195	100RB#0-50RB#0	27.829	29.64	PASS
CA 7C	20MHz-10MHz	QPSK-QPSK	21251-21395	100RB#0-50RB#0	27.74	29.64	PASS
CA 7C	20MHz-10MHz	16QAM-16QAM	20850-20994	100RB#0-50RB#0	27.642	29.82	PASS
CA 7C	20MHz-10MHz	16QAM-16QAM	21051-21195	100RB#0-50RB#0	27.772	29.76	PASS
CA 7C	20MHz-10MHz	16QAM-16QAM	21251-21395	100RB#0-50RB#0	27.709	29.70	PASS
CA 7C	20MHz-10MHz	64QAM-64QAM	20850-20994	100RB#0-50RB#0	27.68	29.88	PASS
CA 7C	20MHz-10MHz	64QAM-64QAM	21051-21195	100RB#0-50RB#0	27.825	29.82	PASS
CA 7C	20MHz-10MHz	64QAM-64QAM	21251-21395	100RB#0-50RB#0	27.693	29.88	PASS
CA 7C	20MHz-10MHz	256QAM-256QAM	20850-20994	100RB#0-50RB#0	27.718	29.64	PASS
CA 7C	20MHz-10MHz	256QAM-256QAM	21051-21195	100RB#0-50RB#0	27.788	29.76	PASS
CA 7C	20MHz-10MHz	256QAM-256QAM	21251-21395	100RB#0-50RB#0	27.712	29.64	PASS
CA 7C	20MHz-15MHz	QPSK-QPSK	20850-21021	100RB#0-75RB#0	32.494	34.58	PASS
CA 7C	20MHz-15MHz	QPSK-QPSK	21026-21197	100RB#0-75RB#0	32.617	34.79	PASS
CA 7C	20MHz-15MHz	QPSK-QPSK	21201-21372	100RB#0-75RB#0	32.576	34.79	PASS
CA 7C	20MHz-15MHz	16QAM-16QAM	20850-21021	100RB#0-75RB#0	32.515	43.68	PASS
CA 7C	20MHz-15MHz	16QAM-16QAM	21026-21197	100RB#0-75RB#0	32.638	34.65	PASS
CA 7C	20MHz-15MHz	16QAM-16QAM	21201-21372	100RB#0-75RB#0	32.538	34.65	PASS
CA 7C	20MHz-15MHz	64QAM-64QAM	20850-21021	100RB#0-75RB#0	32.573	35.35	PASS
CA 7C	20MHz-15MHz	64QAM-64QAM	21026-21197	100RB#0-75RB#0	32.64	34.65	PASS
CA 7C	20MHz-15MHz	64QAM-64QAM	21201-21372	100RB#0-75RB#0	32.598	34.93	PASS
CA 7C	20MHz-15MHz	256QAM-256QAM	20850-21021	100RB#0-75RB#0	32.487	34.65	PASS
CA 7C	20MHz-15MHz	256QAM-256QAM	21026-21197	100RB#0-75RB#0	32.667	34.65	PASS
CA 7C	20MHz-15MHz	256QAM-256QAM	21201-21372	100RB#0-75RB#0	32.547	34.58	PASS
CA 7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	37.66	40.56	PASS
CA 7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	38.194	40.08	PASS
CA 7C	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	38.099	40.08	PASS
CA 7C	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	37.592	40.48	PASS
CA 7C	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	37.735	40.56	PASS
CA 7C	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	37.718	40.40	PASS
CA 7C	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	37.594	40.64	PASS
CA 7C	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	37.81	40.64	PASS
CA 7C	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	37.634	40.40	PASS
CA 7C	20MHz-20MHz	256QAM-256QAM	20850-21048	100RB#0-100RB#0	37.515	40.16	PASS
CA 7C	20MHz-20MHz	256QAM-256QAM	21001-21199	100RB#0-100RB#0	37.779	40.80	PASS
CA 7C	20MHz-20MHz	256QAM-256QAM	21152-21350	100RB#0-100RB#0	37.662	40.32	PASS



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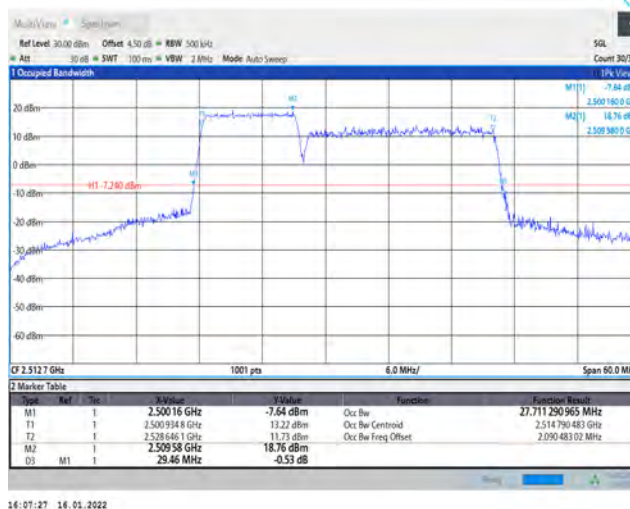
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Test Graphs

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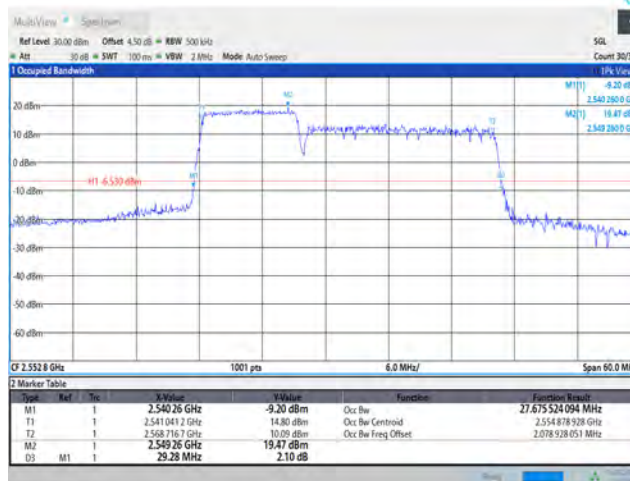
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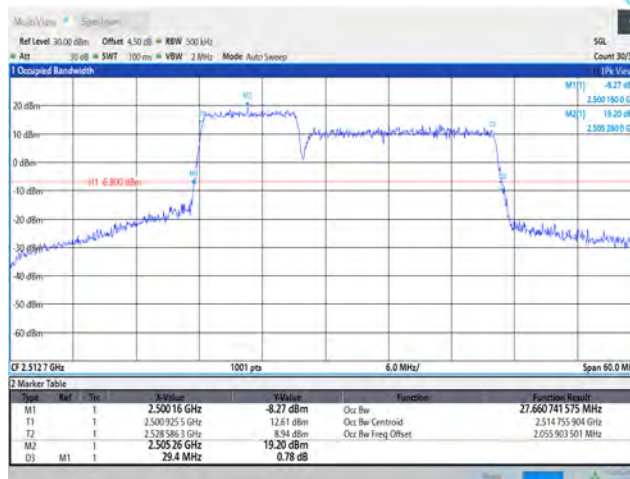
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16:11:49 16.01.2022

CA_7C-10MHz-20MHz-16QAM-16QAM-20805-20949-50RB#0-100RB#0



16:07:59 16.01.2022



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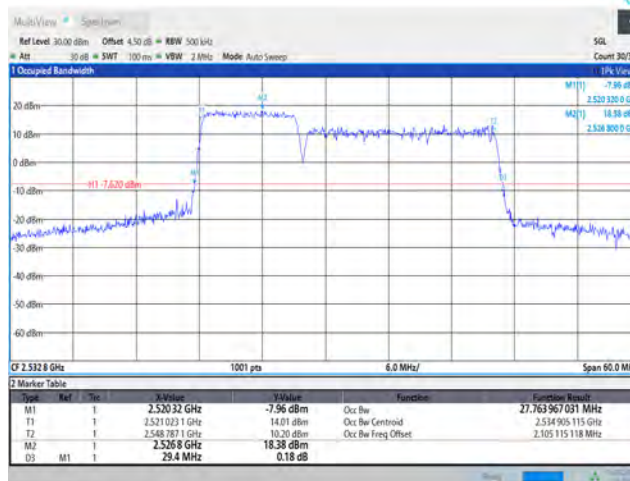
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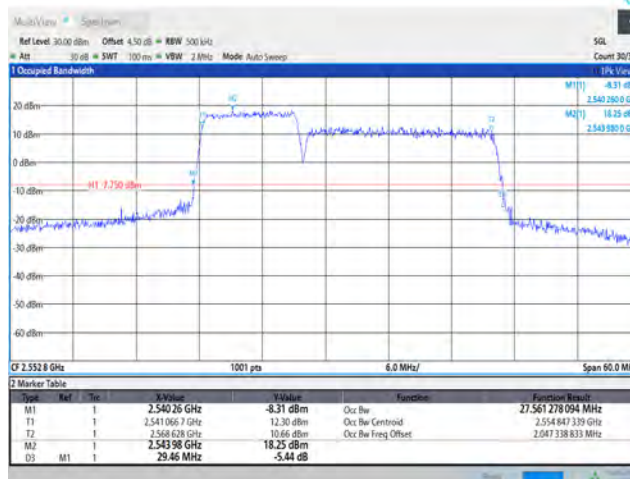
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16:10:10 16.01.2022

CA_7C-10MHz-20MHz-16QAM-16QAM-21206-21350-50RB#0-100RB#0



16:12:21 16.01.2022



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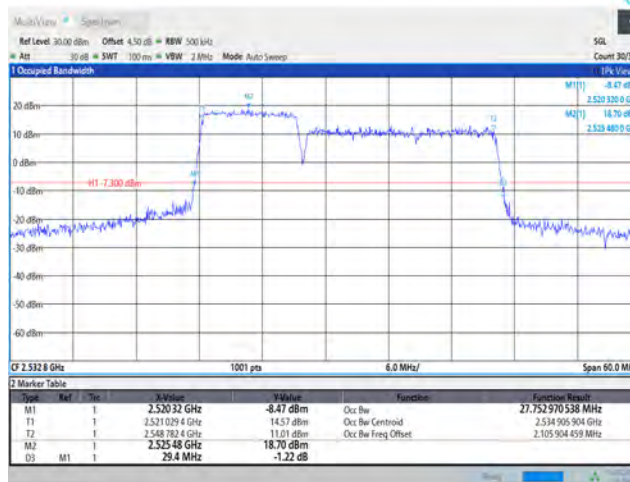
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CA_7C-10MHz-20MHz-64QAM-64QAM-21006-21150-50RB#0-100RB#0



16:10:42 16.01.2022



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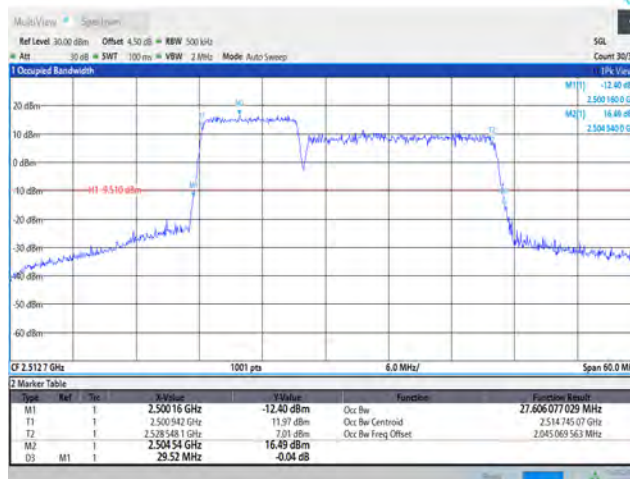
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CA_7C-10MHz-20MHz-256QAM-256QAM-20805-20949-50RB#0-100RB#0



16:09:01 16.01.2022



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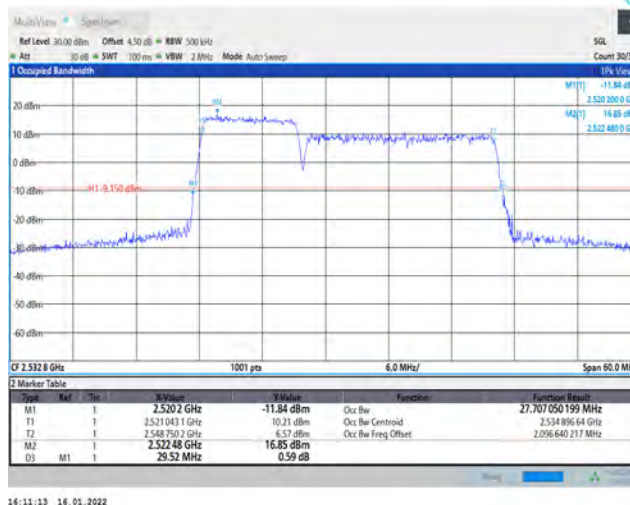
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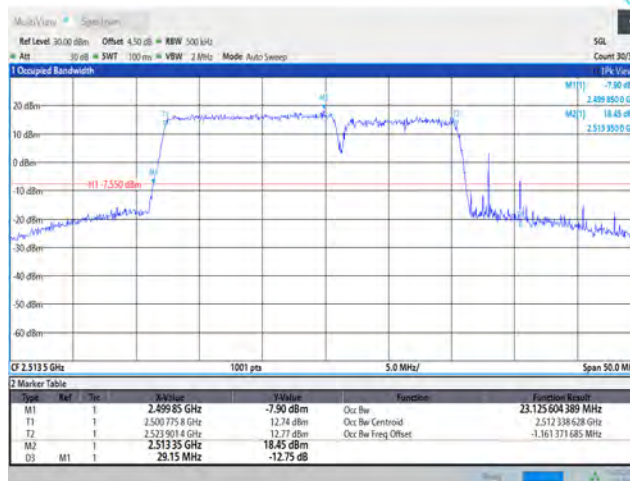
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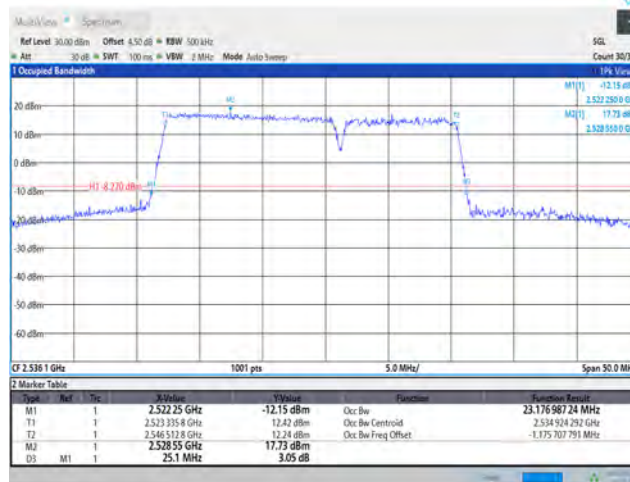
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CA_7C-15MHz-10MHz-QPSK-QPSK-20825-20945-75RB#0-50RB#0



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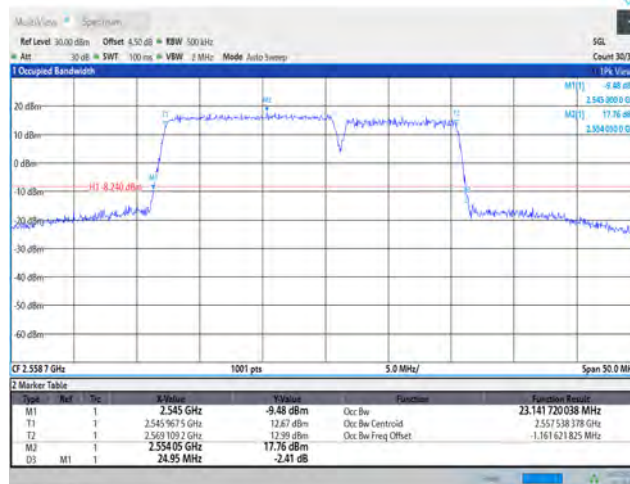
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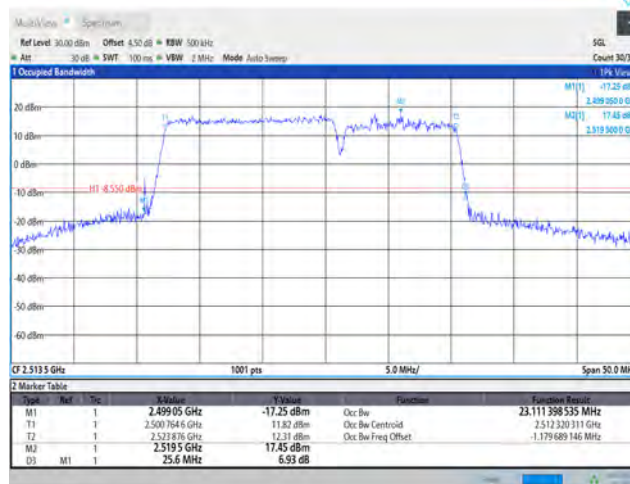
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16:24:08 16.01.2022

CA_7C-15MHz-10MHz-16QAM-16QAM-20825-20945-75RB#0-50RB#0



16:20:16 16.01.2022



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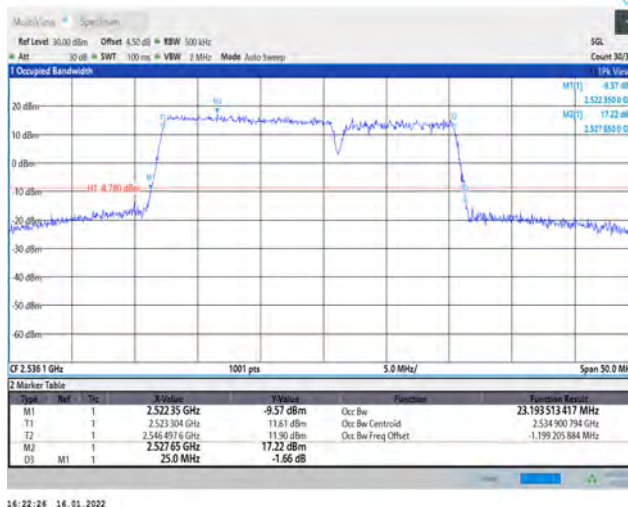
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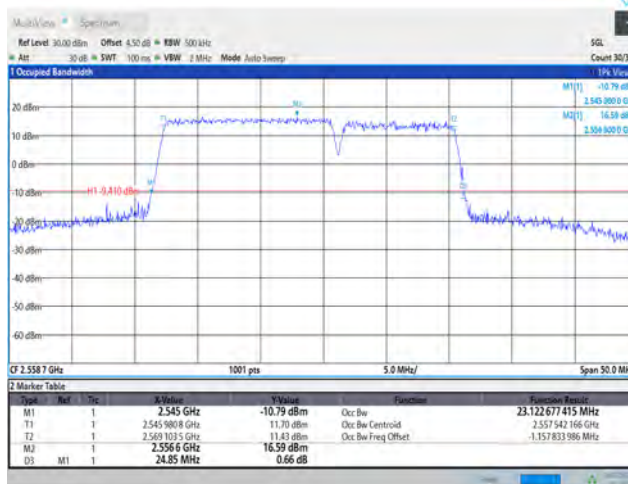
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16:22:26 16.01.2022

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16:24:36 16.01.2022



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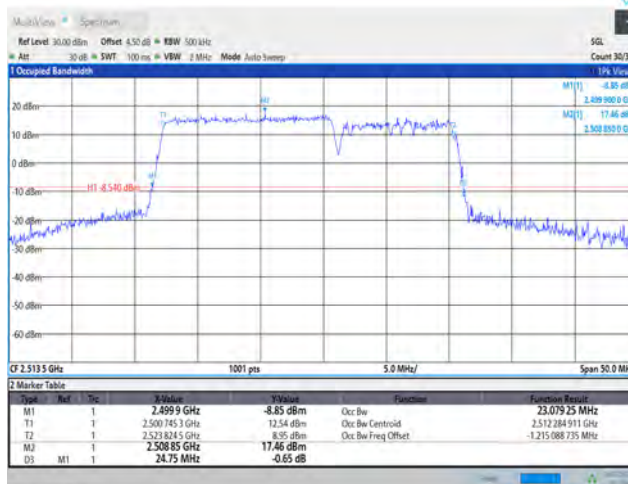
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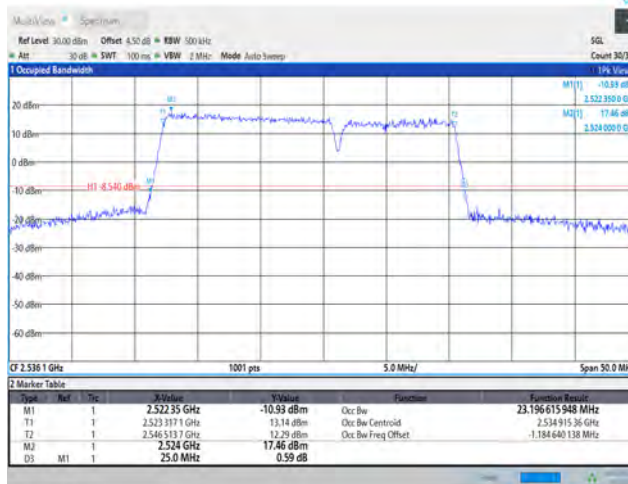
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16:20:47 16.01.2022

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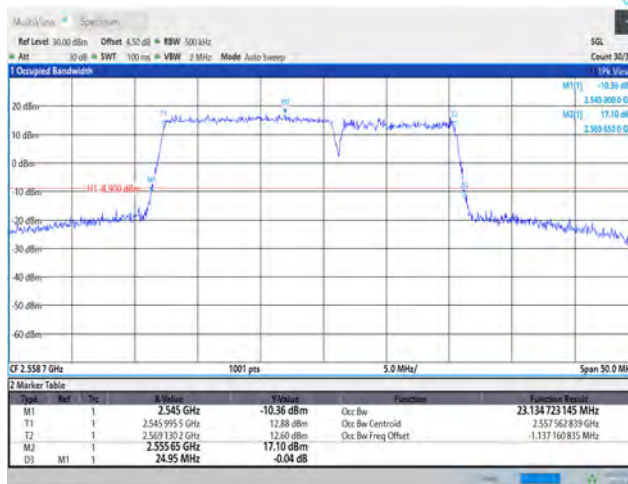


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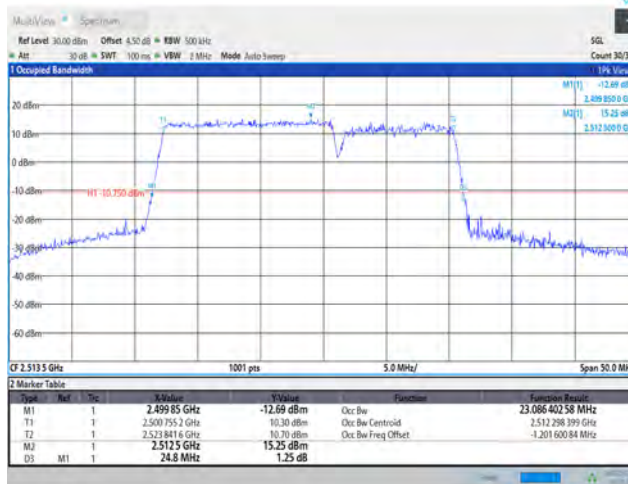
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CA_7C-15MHz-10MHz-64QAM-64QAM-21277-2139CA_7C5RB#0-50RB#0



16:25:08 16.01.2022

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16:21:18 16.01.2022



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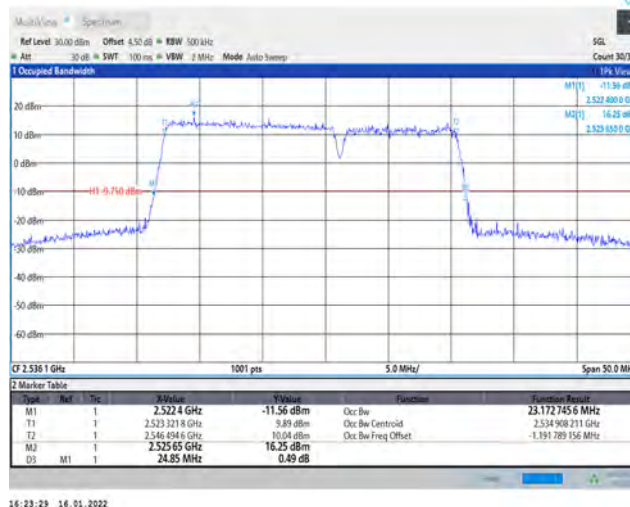
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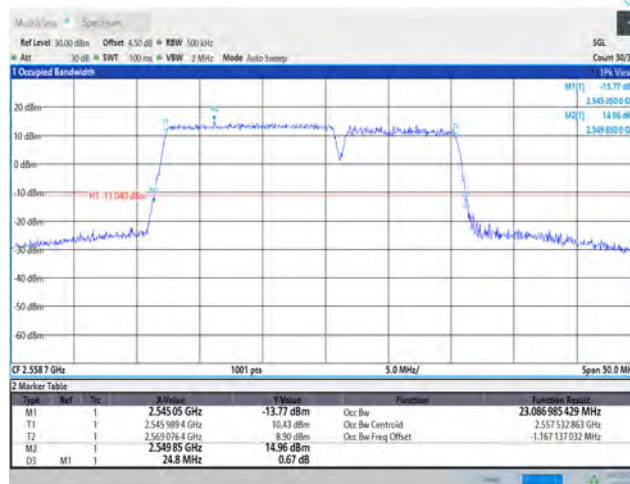
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16:23:29 16.01.2022

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16:25:39 16.01.2022



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16:31:50 16.01.2022

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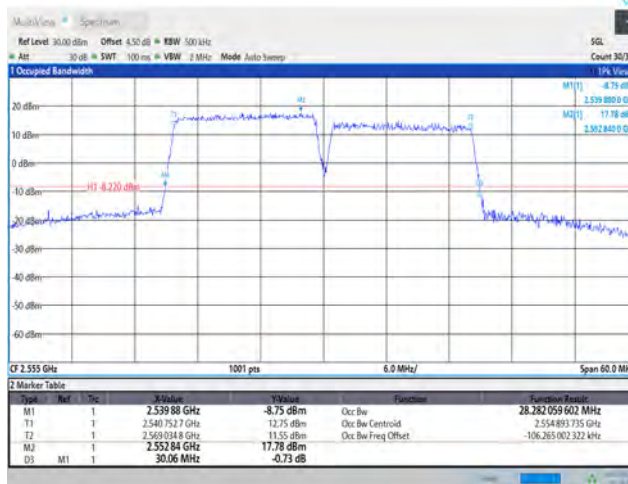
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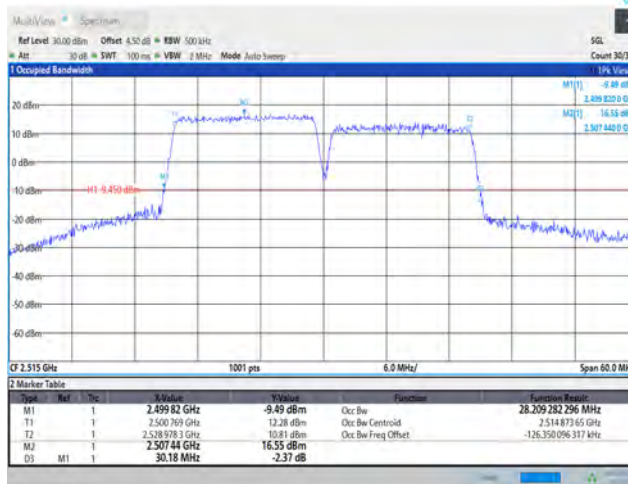
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16:32:22 16.01.2022



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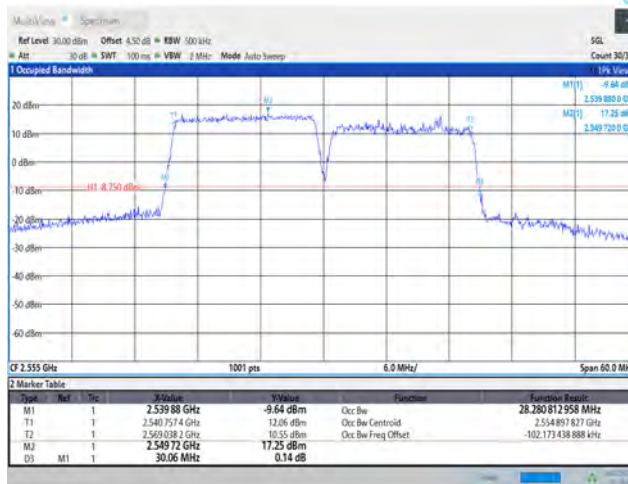
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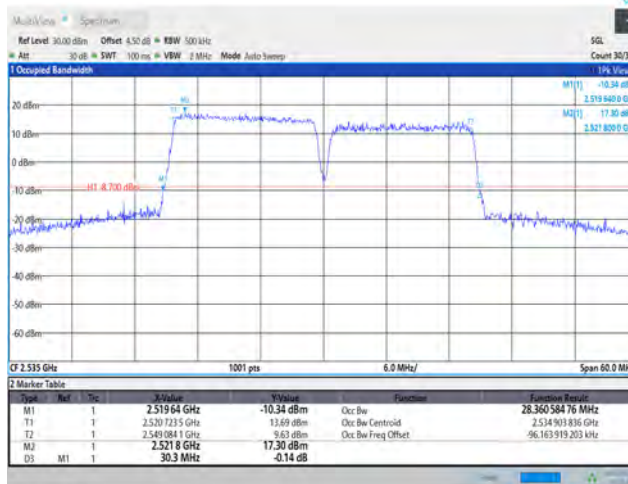
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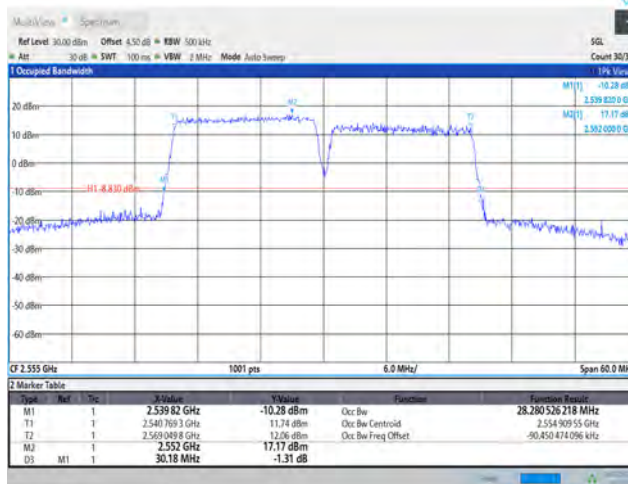
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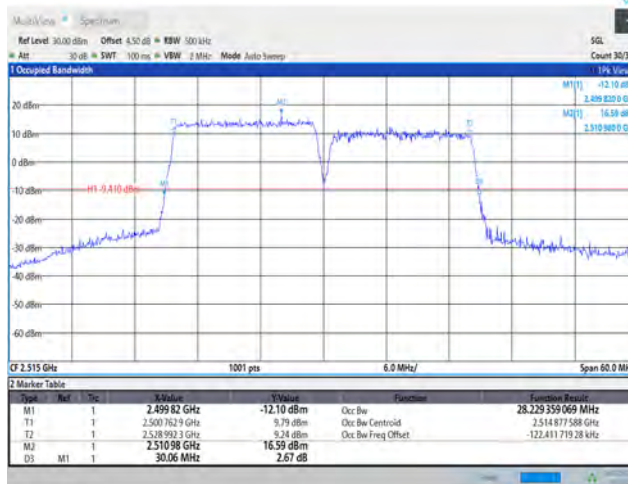
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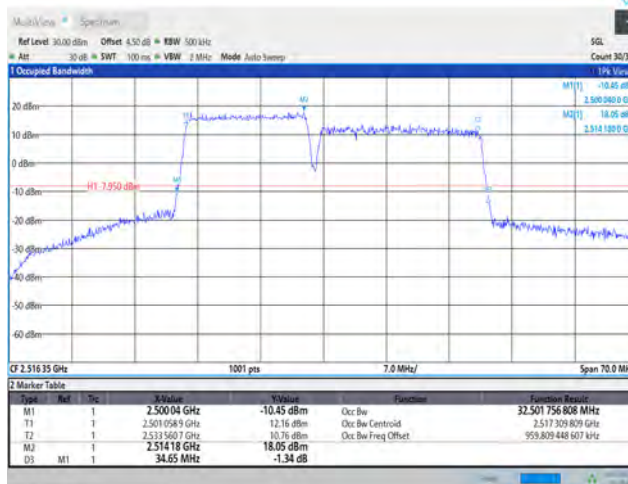
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CA_7C-15MHz-20MHz-QPSK-QPSK-21003-21174-75RB#0-100RB#0



16:50:54 16.01.2022



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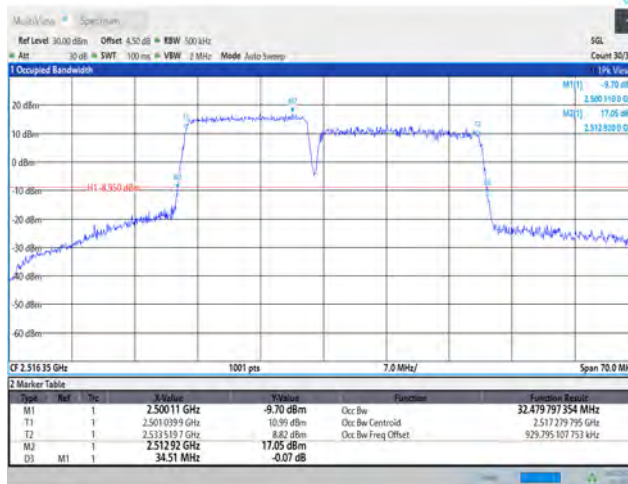
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16:53:12 16.01.2022

CA_7C-15MHz-20MHz-16QAM-16QAM-20828-20999-75RB#0-100RB#0



16:49:17 16.01.2022



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16:51:25 16.01.2022

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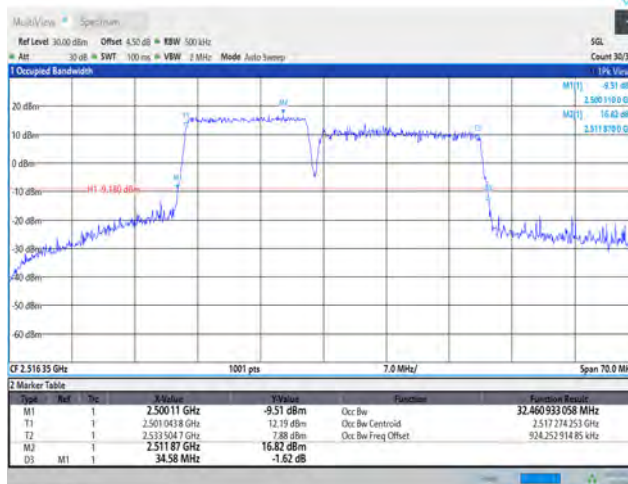
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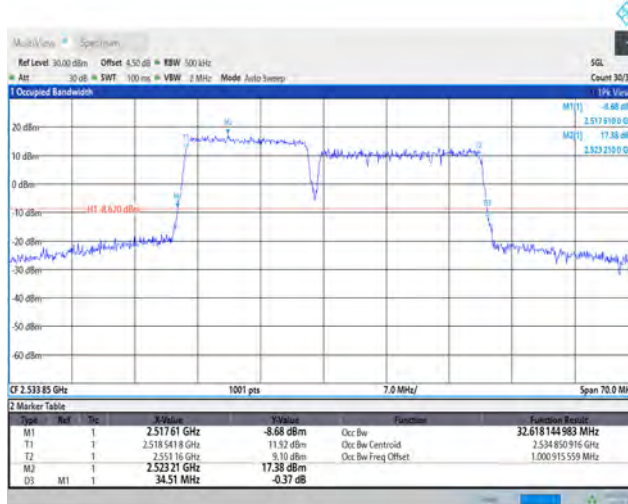
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16:49:49 16.01.2022

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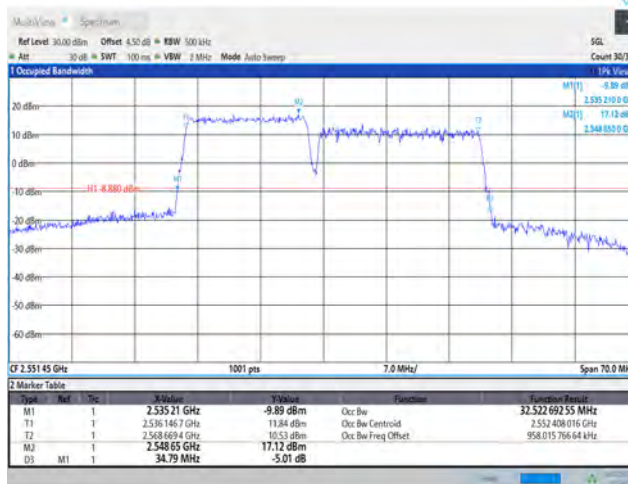
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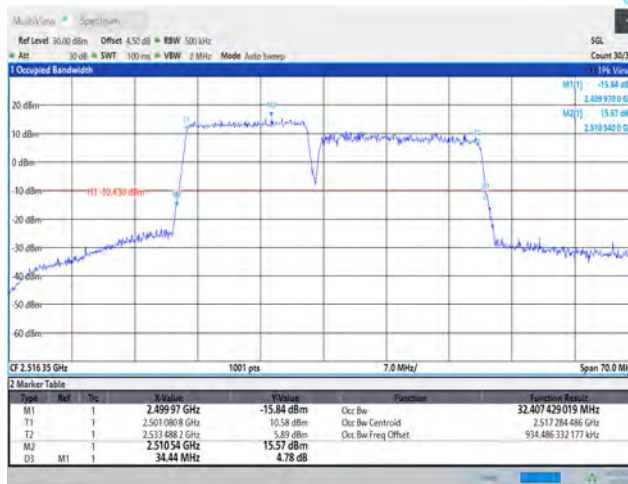
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16:54:15 16.01.2022

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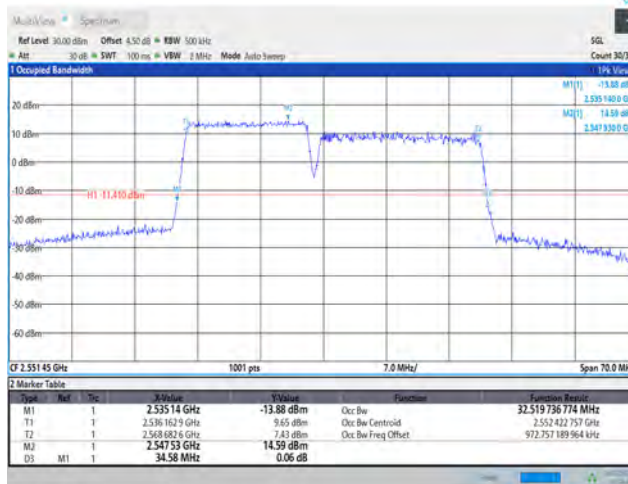
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16:52:28 16.01.2022

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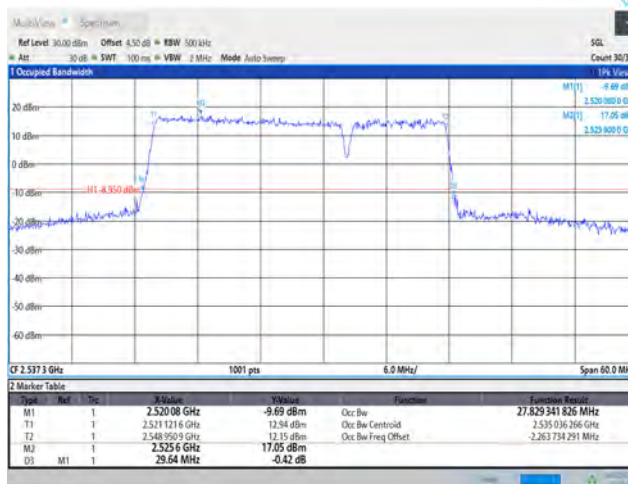
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17:03:33 16.01.2022

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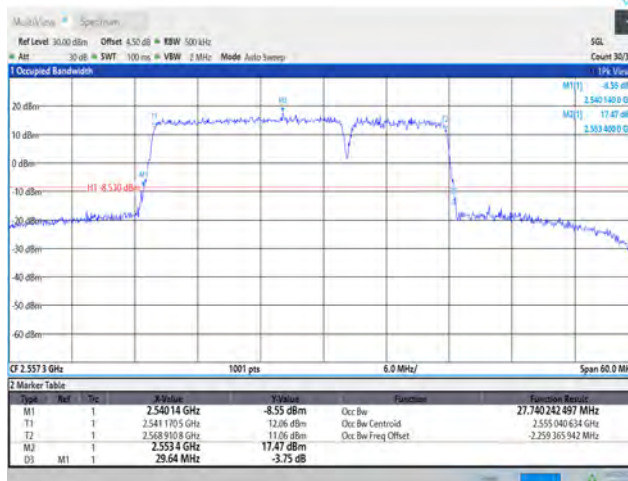
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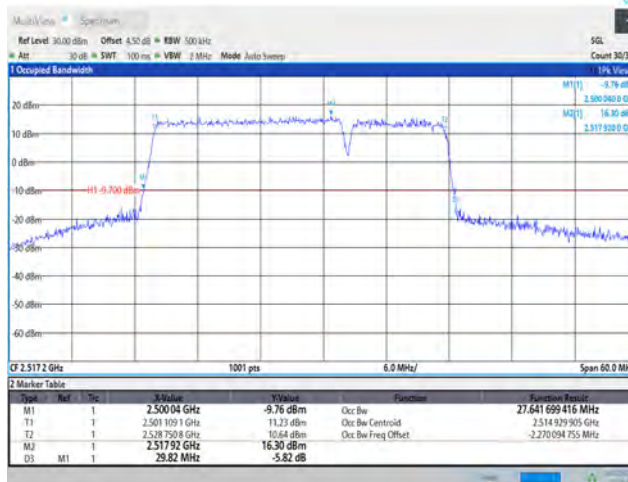
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17:07:56 16.01.2022

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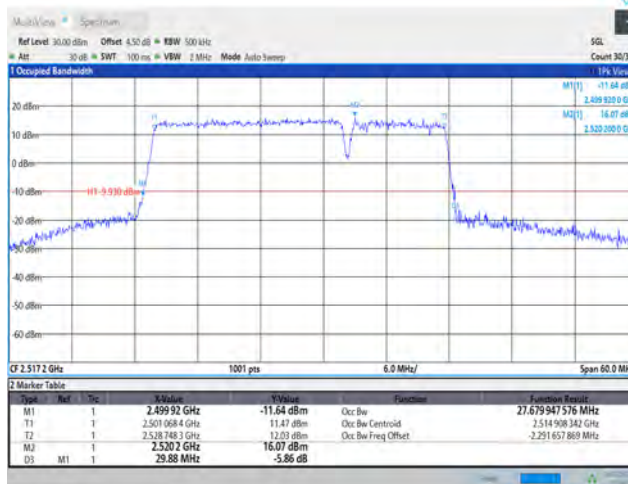
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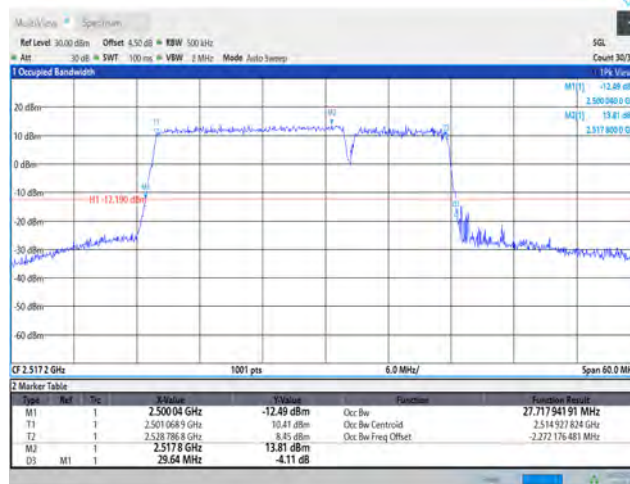
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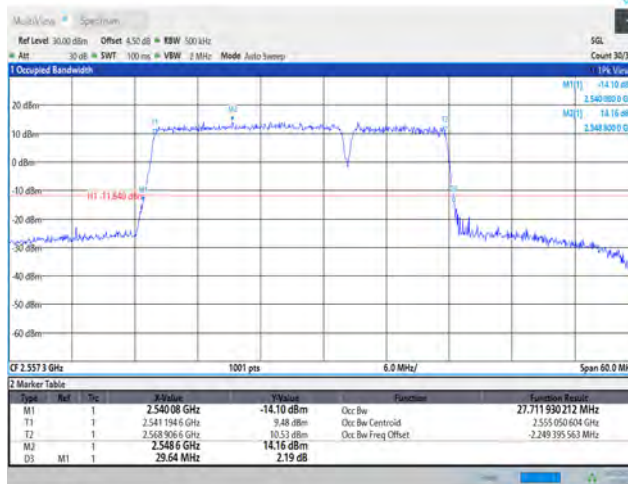
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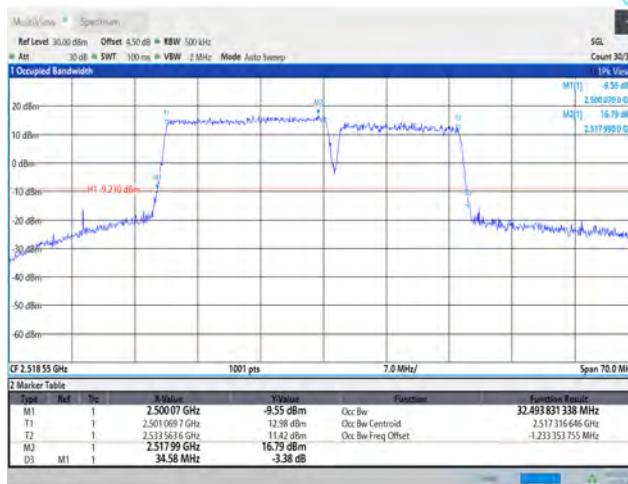
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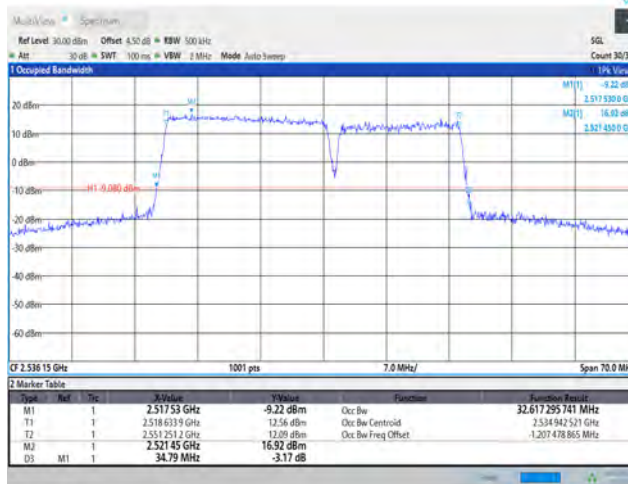
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CA_7C-20MHz-15MHz-QPSK-QPSK-20850-21021-100RB#0-75RB#0



17:15:42 16.01.2022

CA_7C-20MHz-15MHz-QPSK-QPSK-21026-21197-100RB#0-75RB#0



17:17:52 16.01.2022



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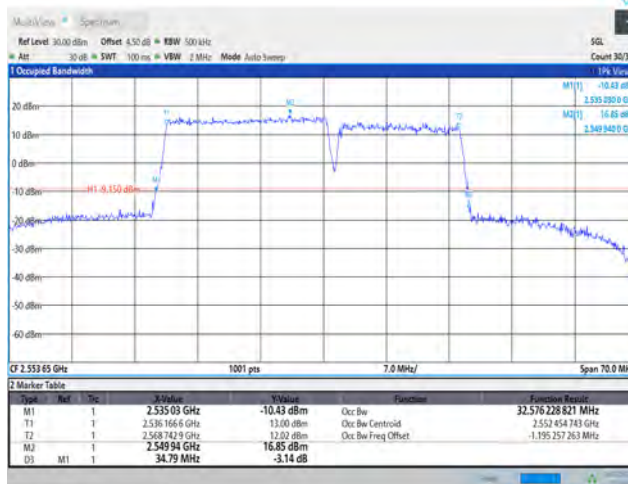
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17:20:04 16.01.2022

CA_7C-20MHz-15MHz-16QAM-16QAM-20850-21021-100RB#0-75RB#0



17:16:13 16.01.2022



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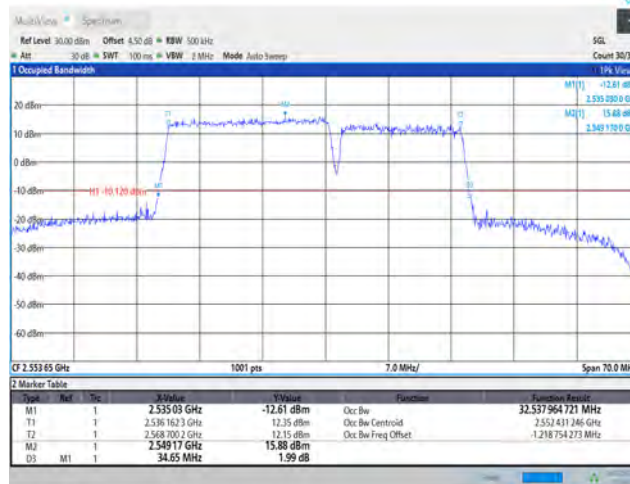
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17:18:23 16.01.2022

CA_7C-20MHz-15MHz-16QAM-16QAM-21201-21372-100RB#0-75RB#0



17:20:35 16.01.2022



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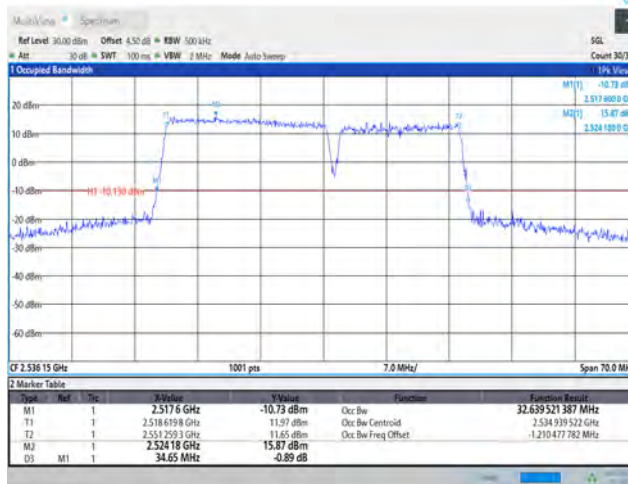
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17:16:44 16.01.2022

CA_7C-20MHz-15MHz-64QAM-64QAM-21026-21197-100RB#0-75RB#0



17:18:55 16.01.2022



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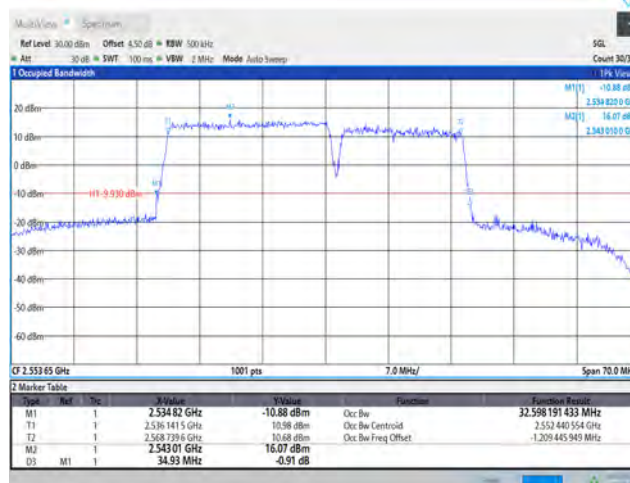
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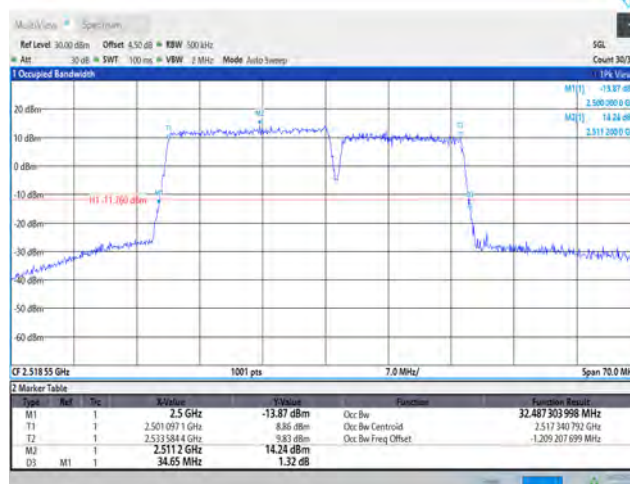
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17:21:07 16.01.2022

CA_7C-20MHz-15MHz-256QAM-256QAM-20850-21021-100RB#0-75RB#0



17:17:16 16.01.2022



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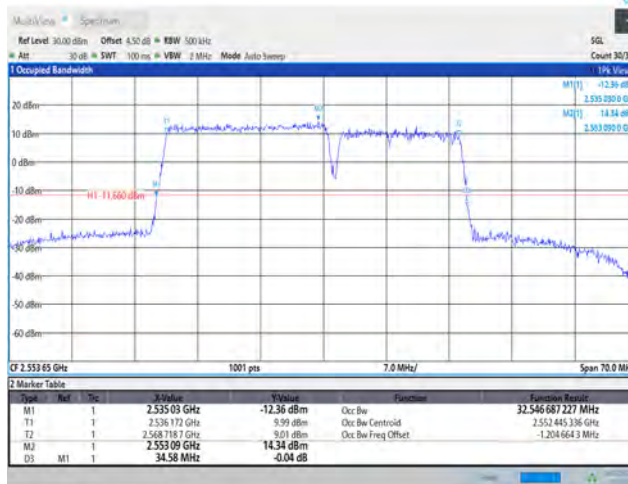
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17:19:26 16.01.2022

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17:21:38 16.01.2022



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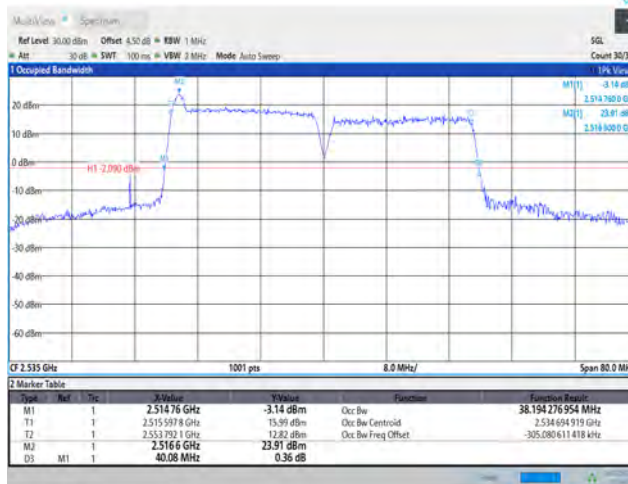
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17:32:09 16.01.2022

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17:34:18 16.01.2022



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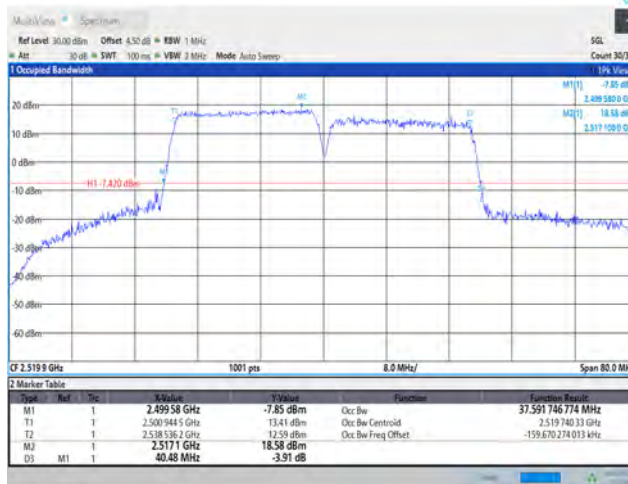
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17:36:26 16.01.2022

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17:32:41 16.01.2022



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17:34:49 16.01.2022

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17:36:57 16.01.2022



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17:33:12 16.01.2022

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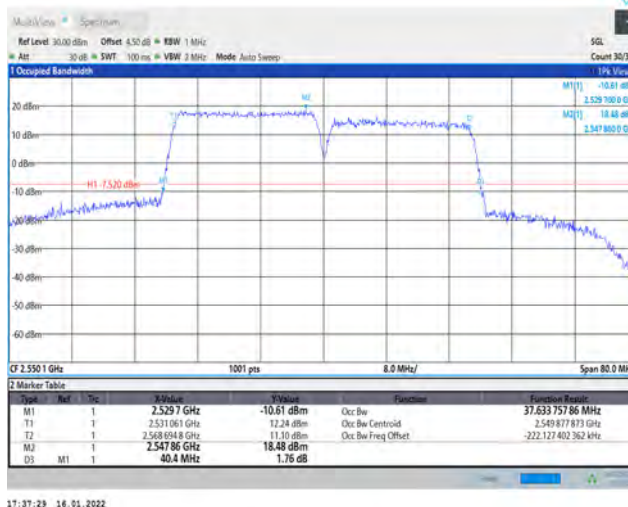
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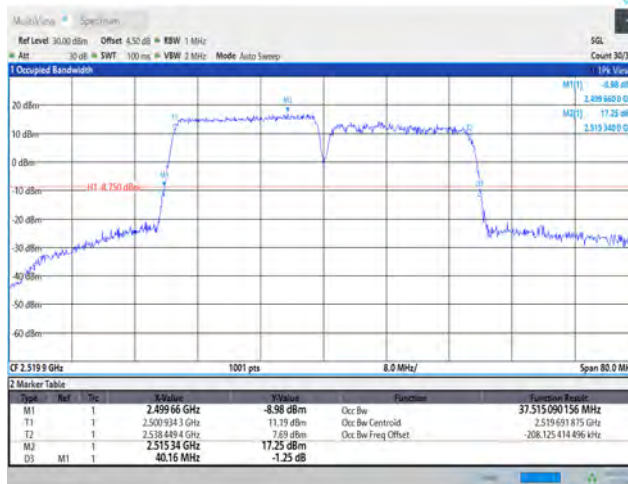
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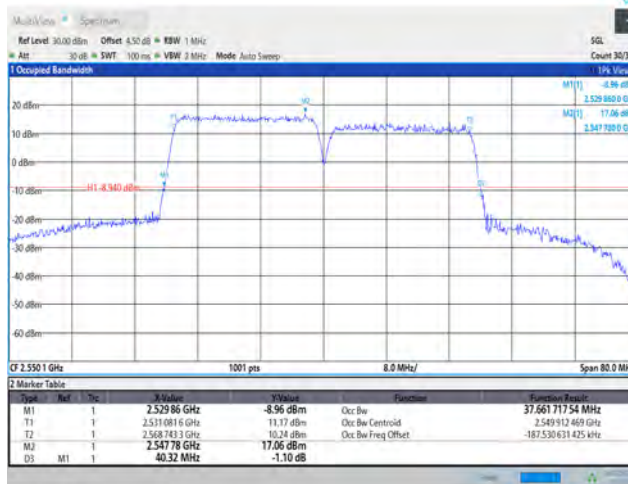
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17:38:00 16.01.2022



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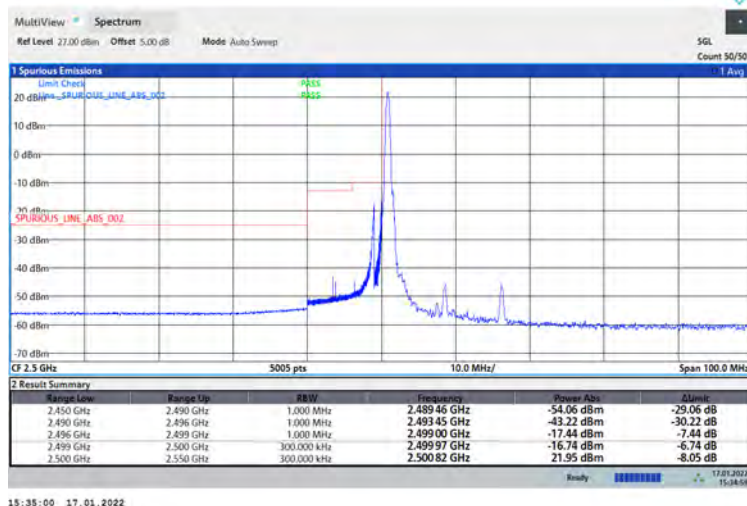
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Band Edge

Test Band = LTE Band CA_7C

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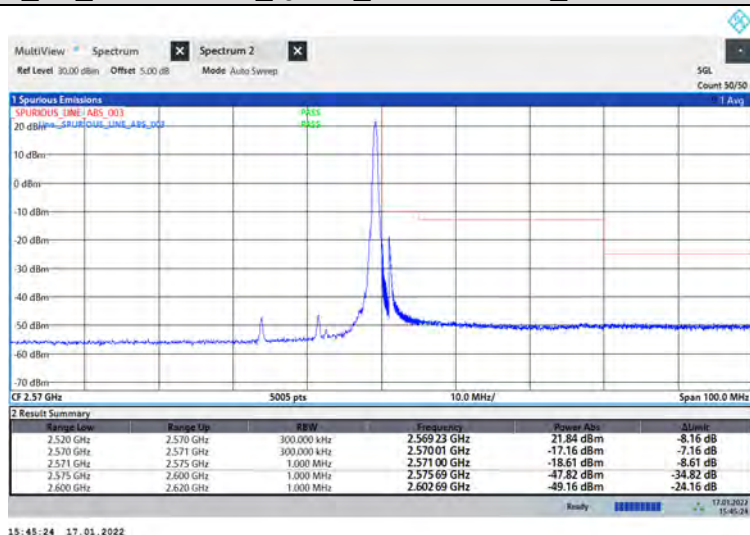
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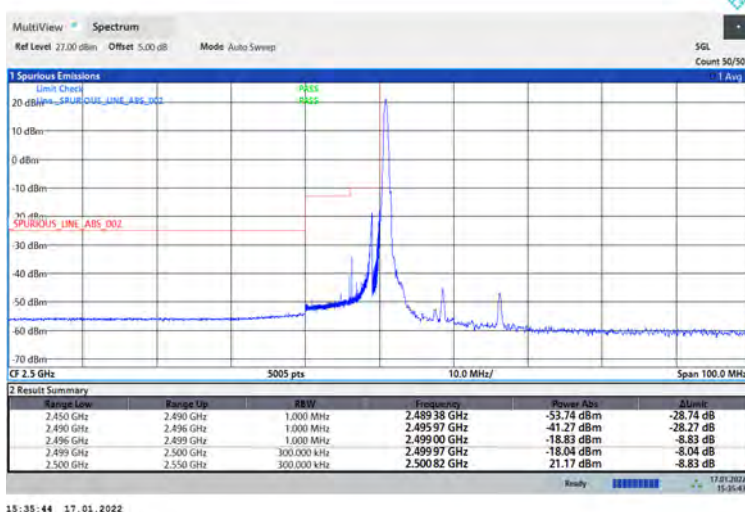
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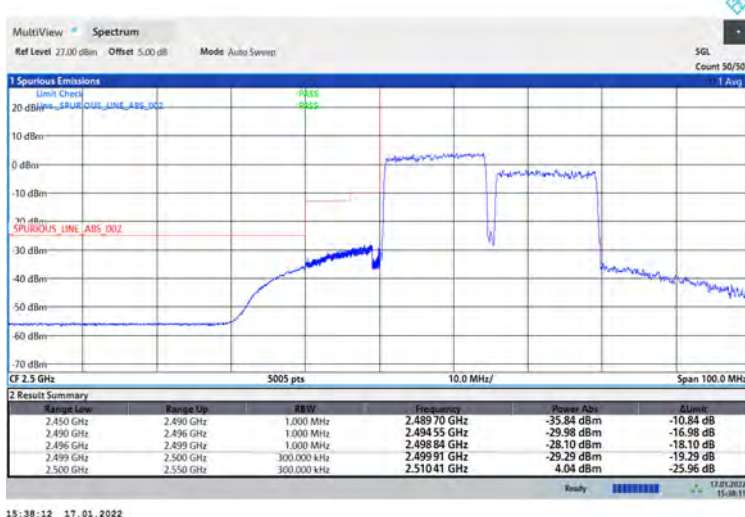
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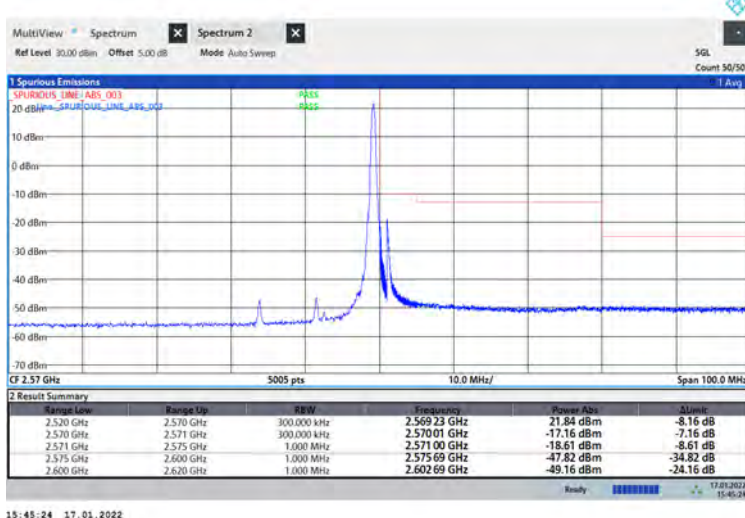
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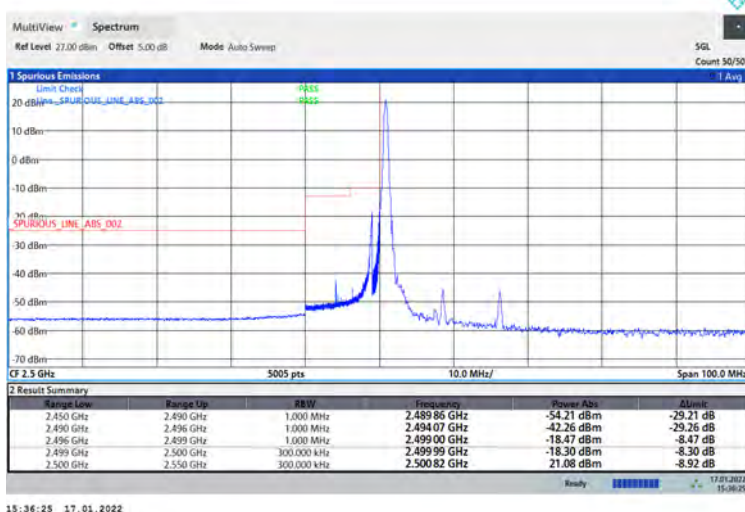
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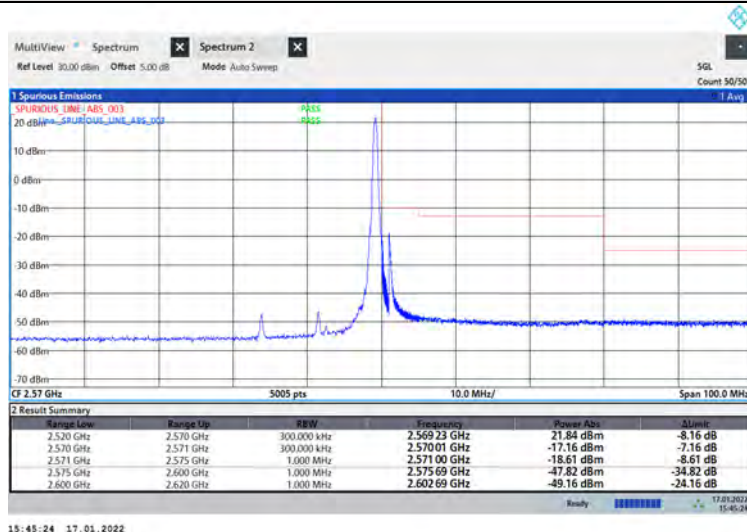
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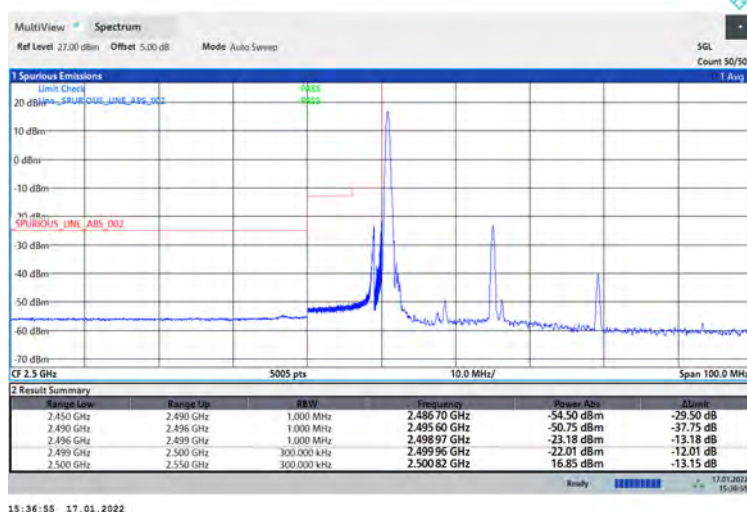
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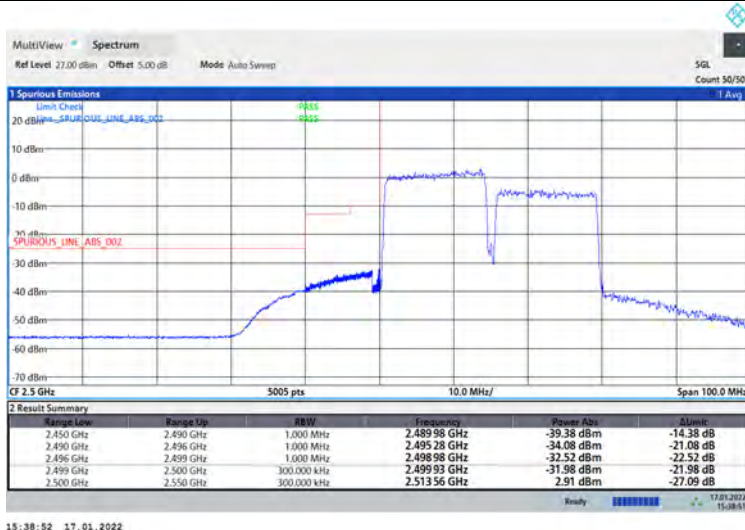
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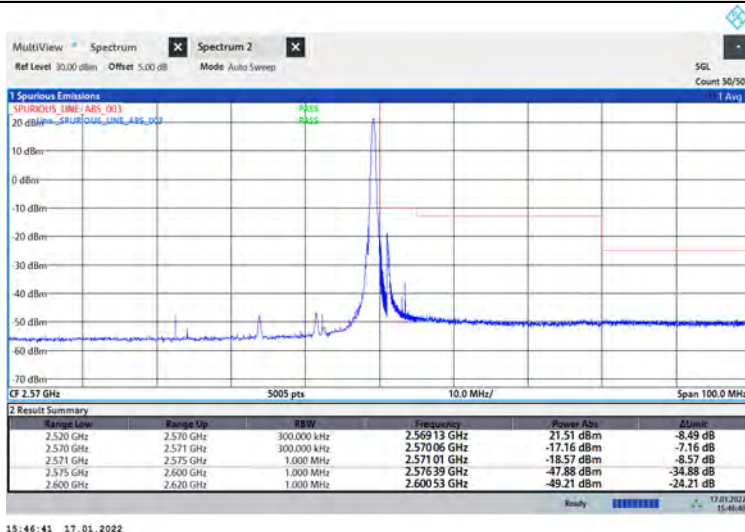
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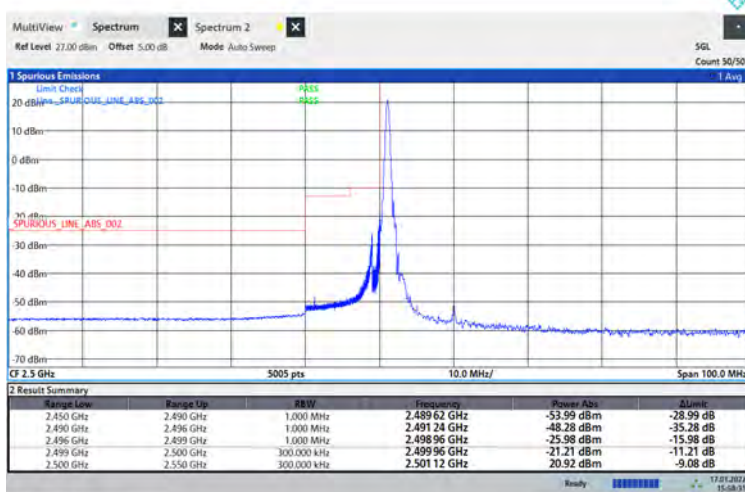
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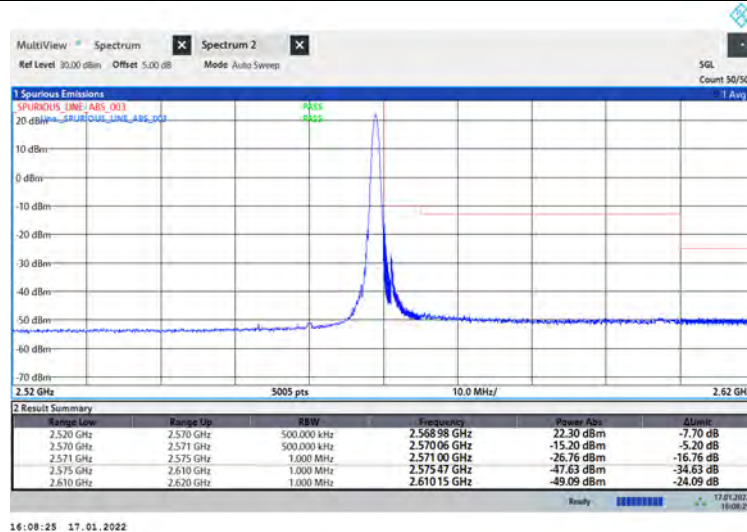
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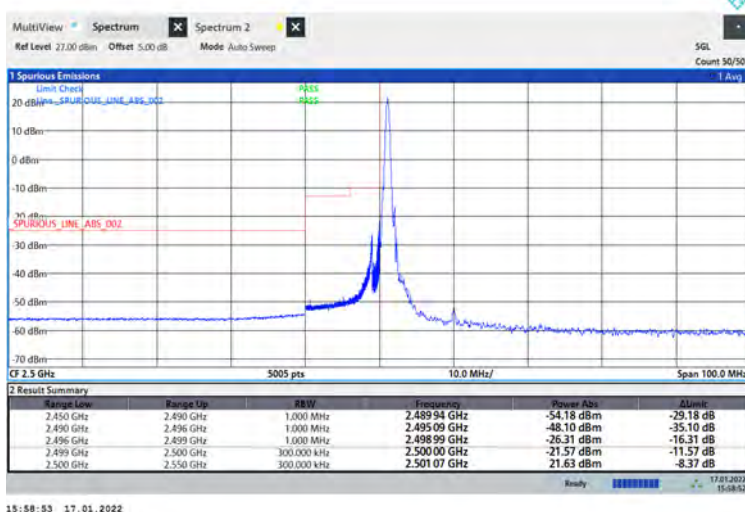
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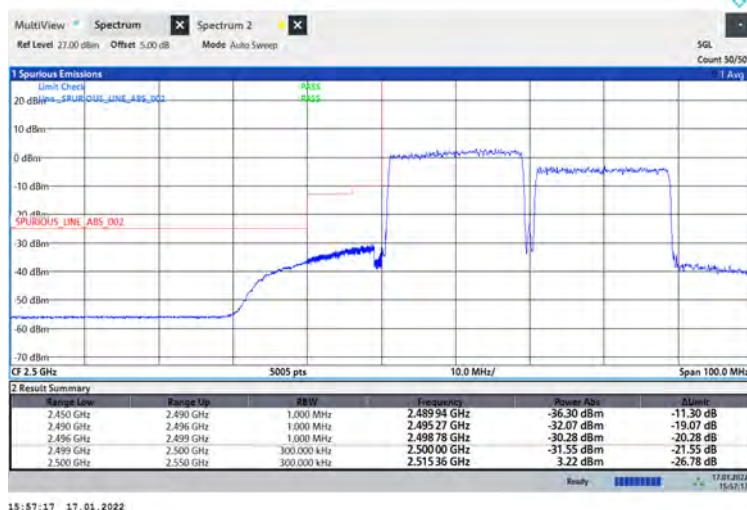
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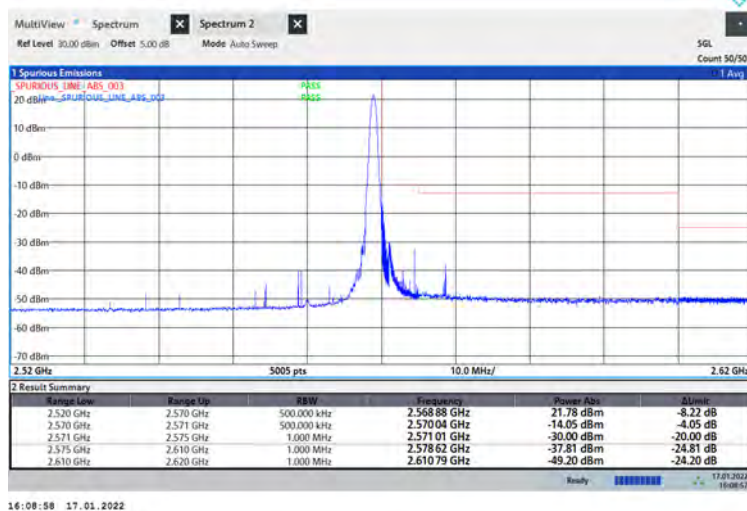
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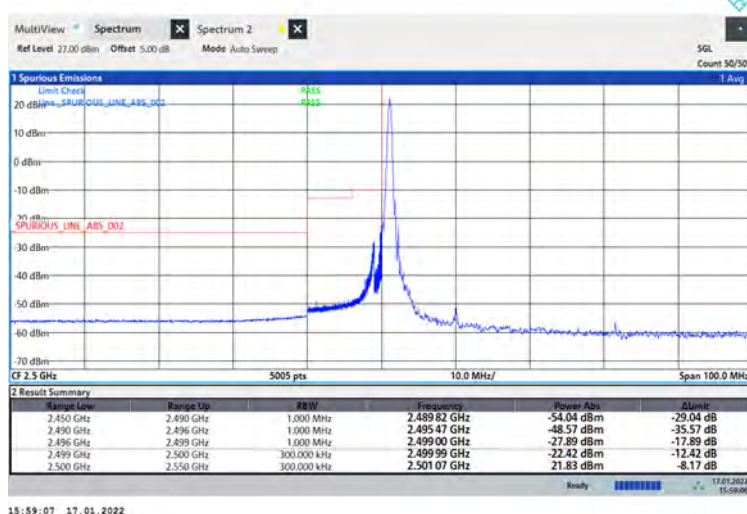
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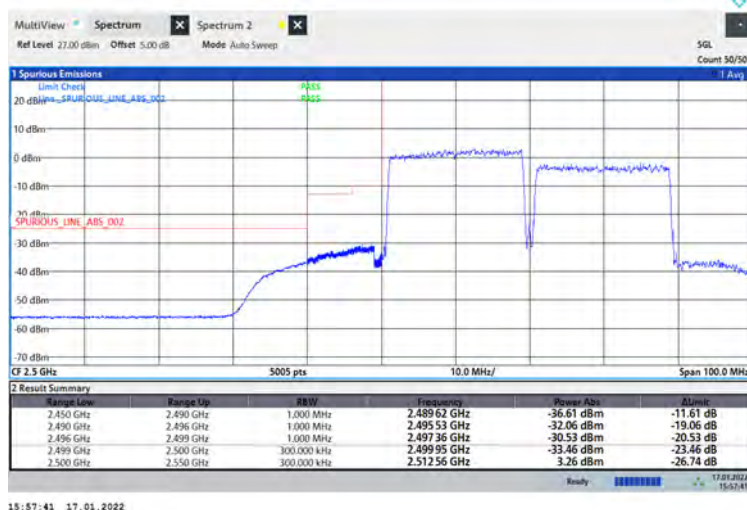
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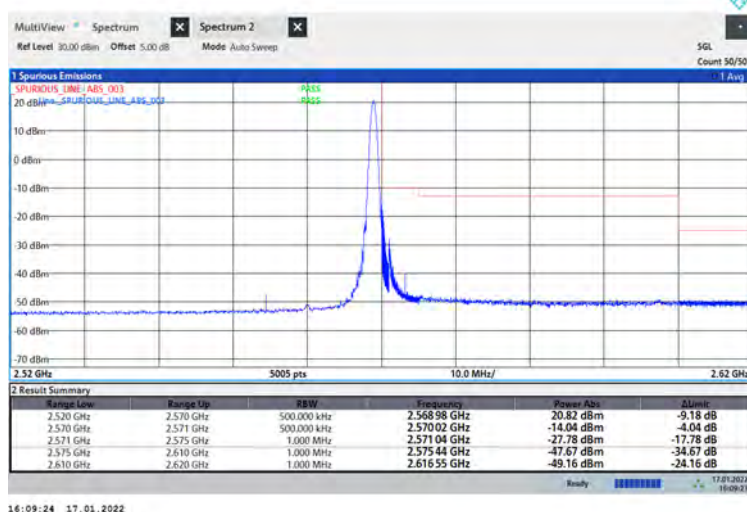
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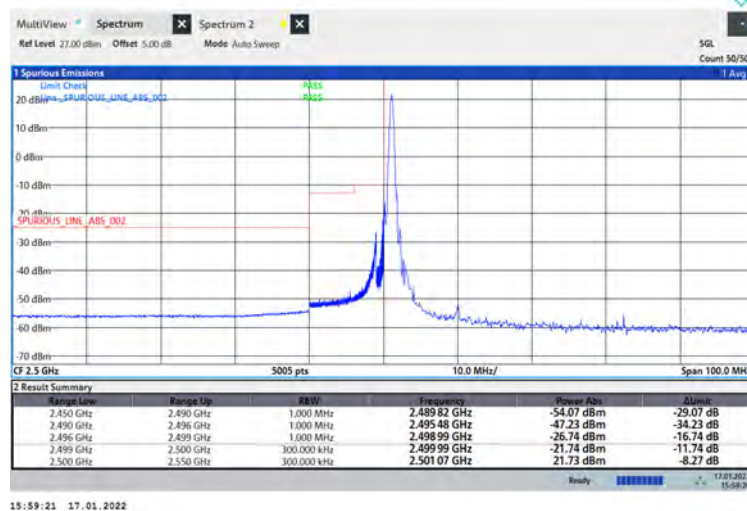
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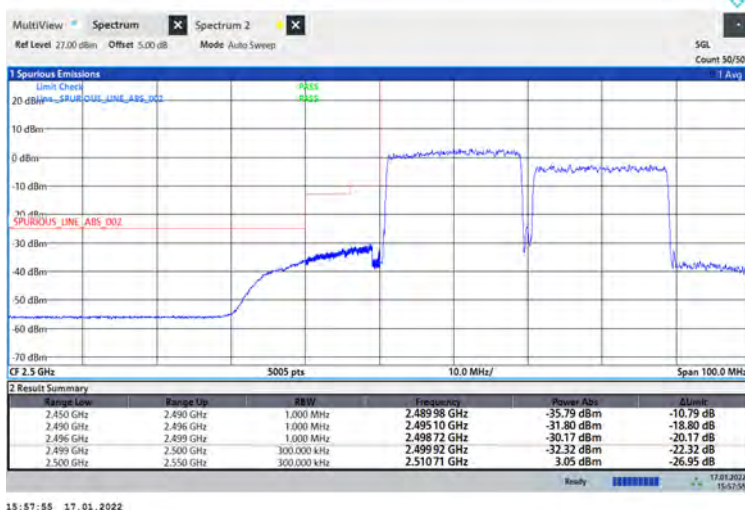
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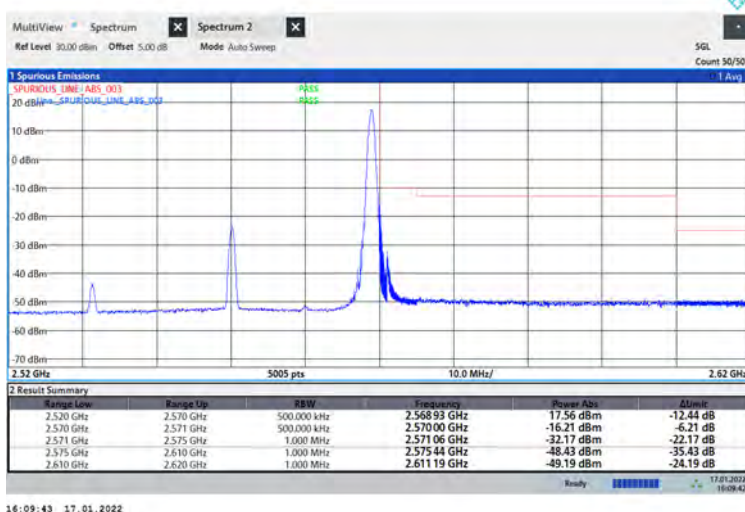
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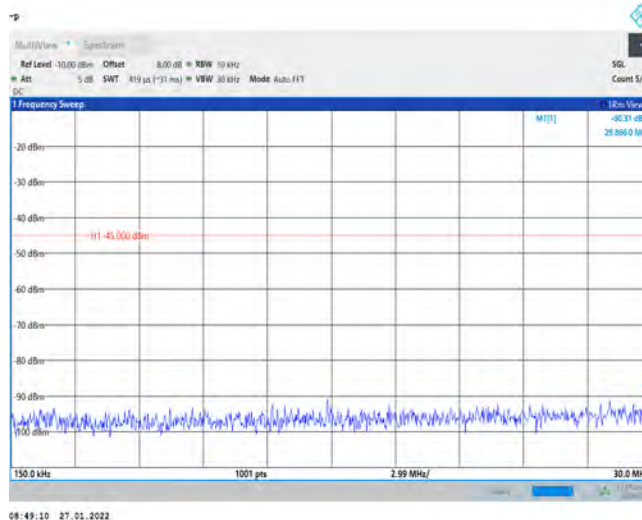
Conducted Spurious Emission

Test Graphs

CA_7C-20MHz-20MHz-QPSK-QPSK-20850-21048-100RB#0-100RB#0-0.009~0.15MHz



CA_7C-20MHz-20MHz-QPSK-QPSK-20850-21048-100RB#0-100RB#0-0.15~30MHz



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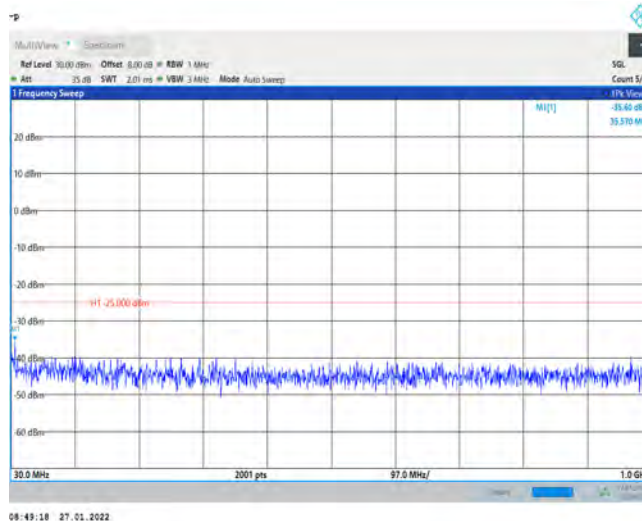
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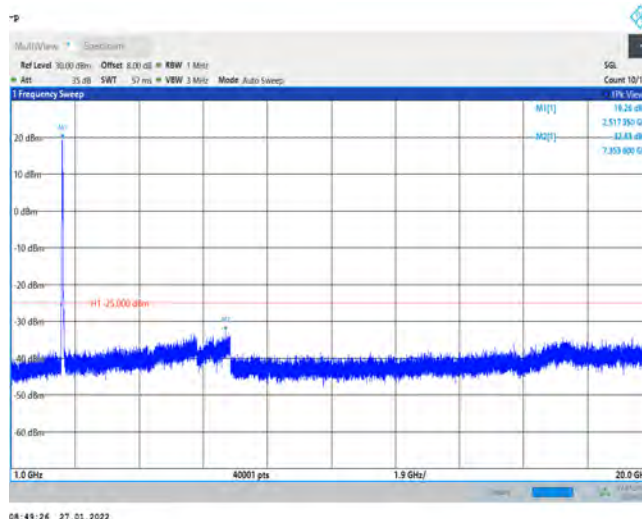
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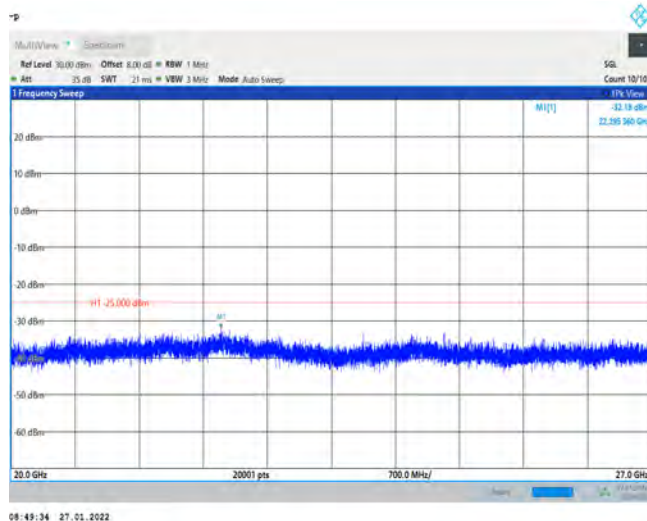
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CA_7C-20MHz-20MHz-QPSK-QPSK-21001-21199-100RB#0-100RB#0-0.009~0.15MHz



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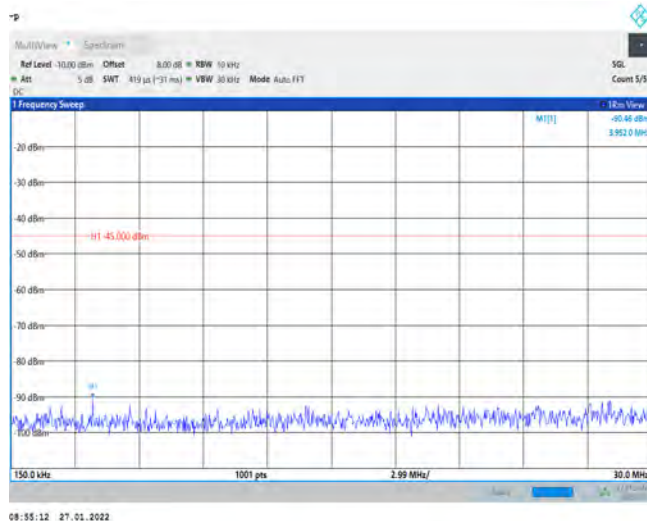
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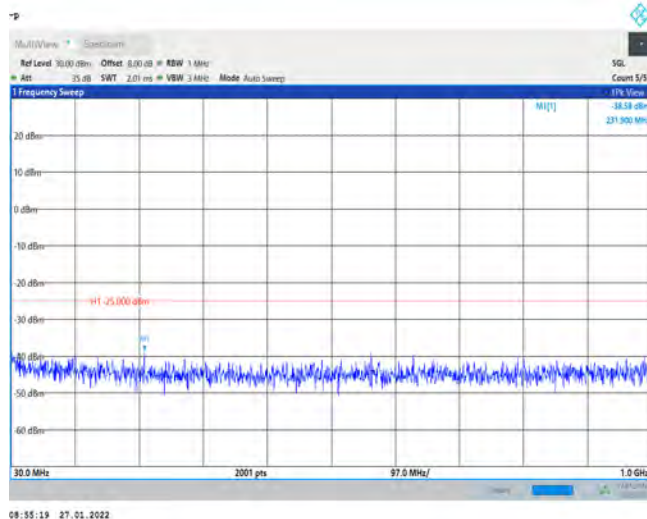
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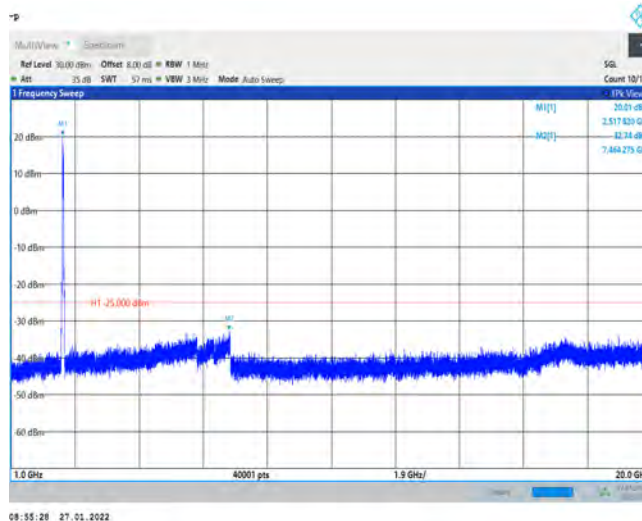
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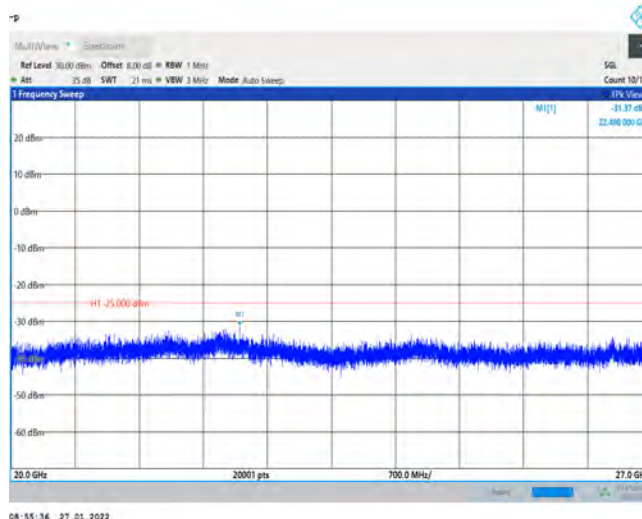
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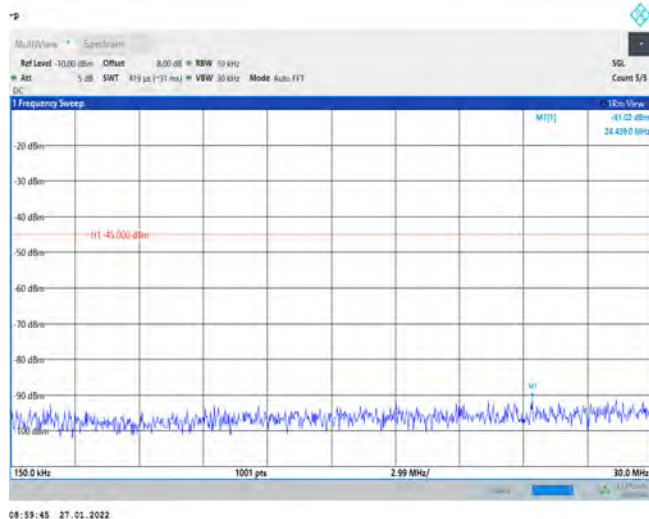
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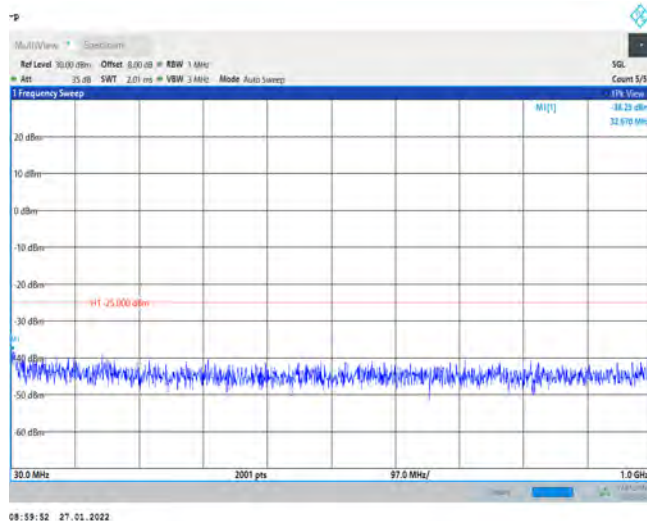
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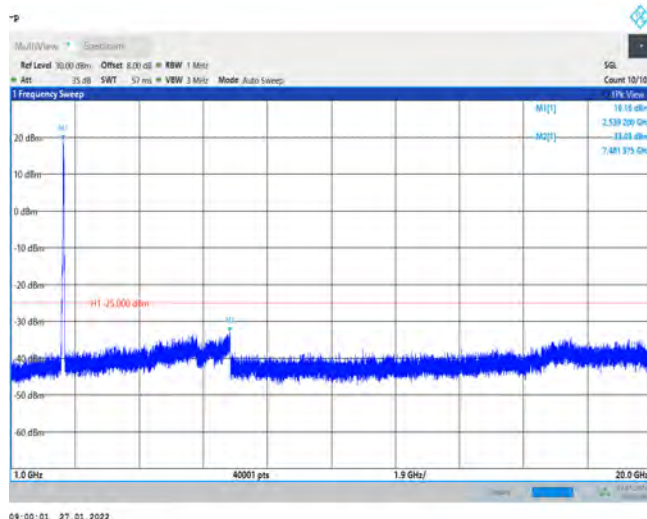
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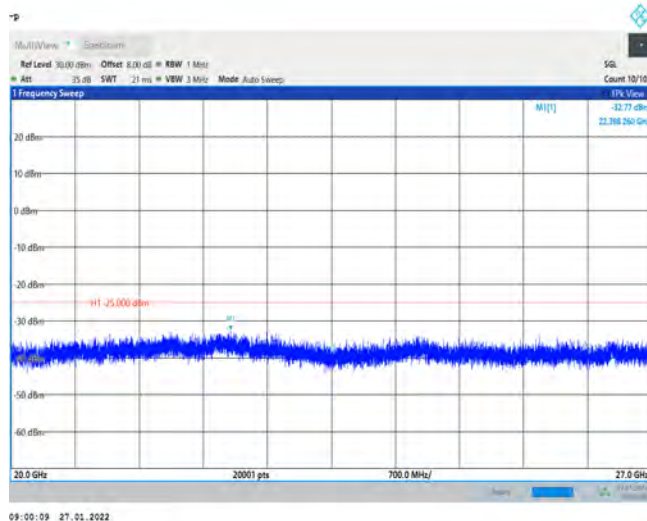
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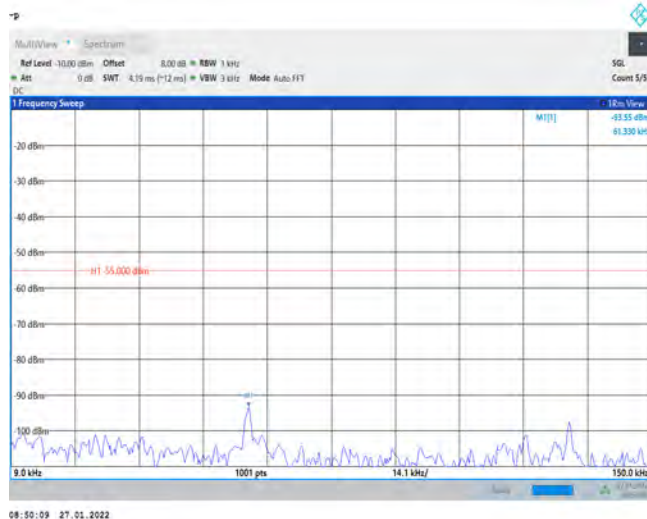
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CA_7C-20MHz-20MHz-16QAM-16QAM-20850-21048-100RB#0-100RB#0-0.009~0.15MHz



CA_7C-20MHz-20MHz-16QAM-16QAM-20850-21048-100RB#0-100RB#0-0.15~30MHz



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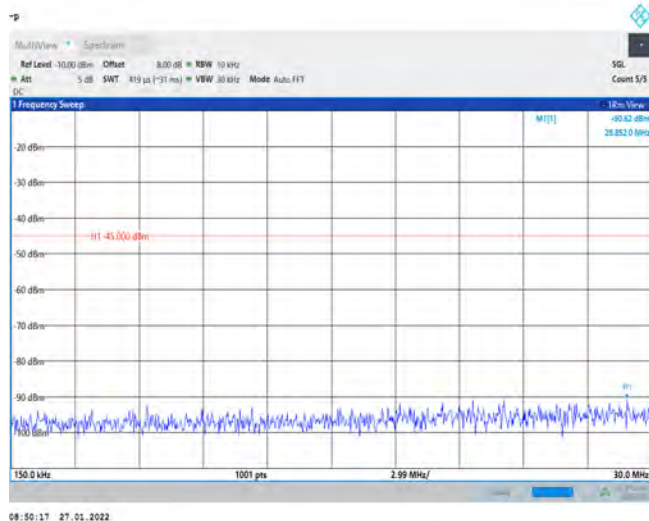
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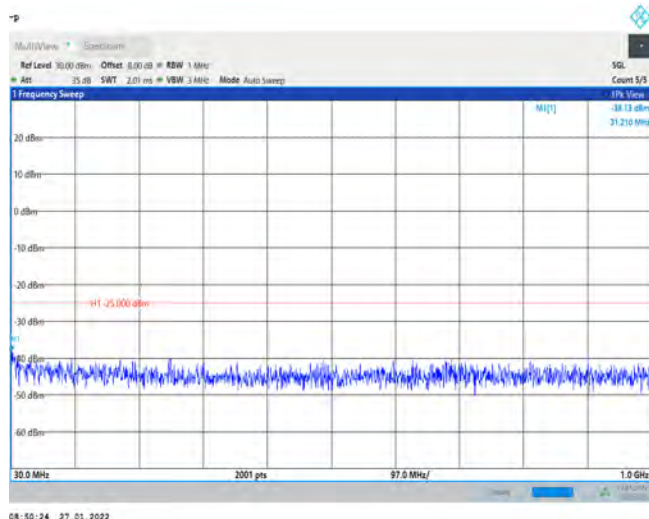
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CA_7C-20MHz-20MHz-16QAM-16QAM-20850-21048-100RB#0-100RB#0-30~1000MHz



CA_7C-20MHz-20MHz-16QAM-16QAM-20850-21048-100RB#0-100RB#0-1000~20000MHz



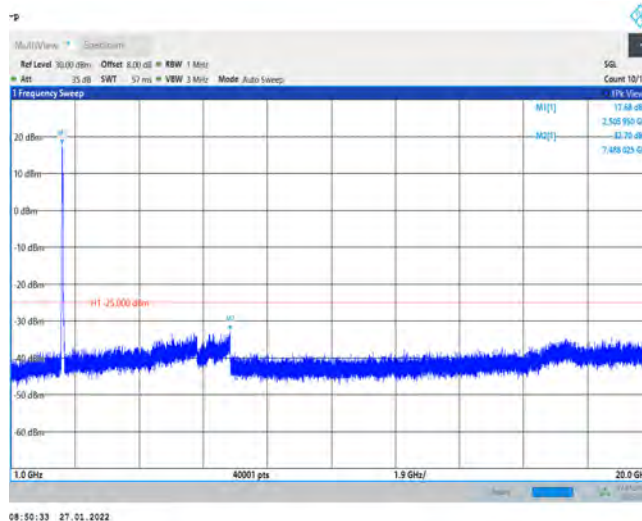
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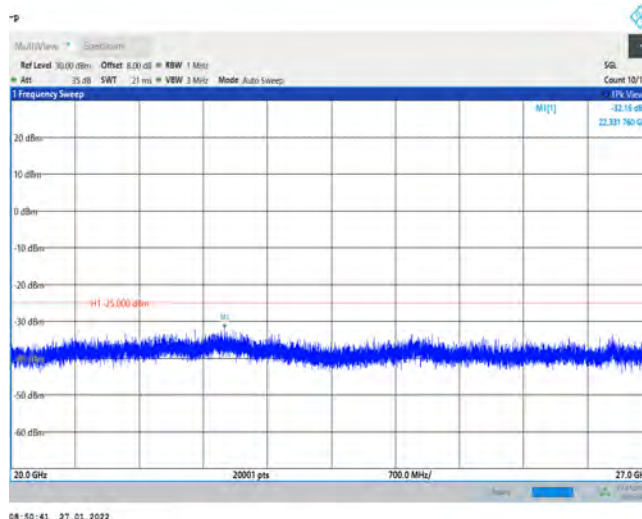
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CA_7C-20MHz-20MHz-16QAM-16QAM-20850-21048-100RB#0-100RB#0-20000~27000MHz



CA_7C-20MHz-20MHz-16QAM-16QAM-21001-21199-100RB#0-100RB#0-0.009~0.15MHz



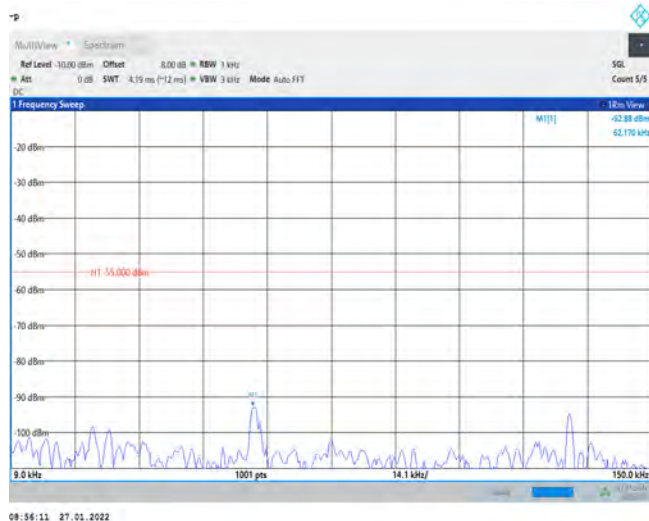
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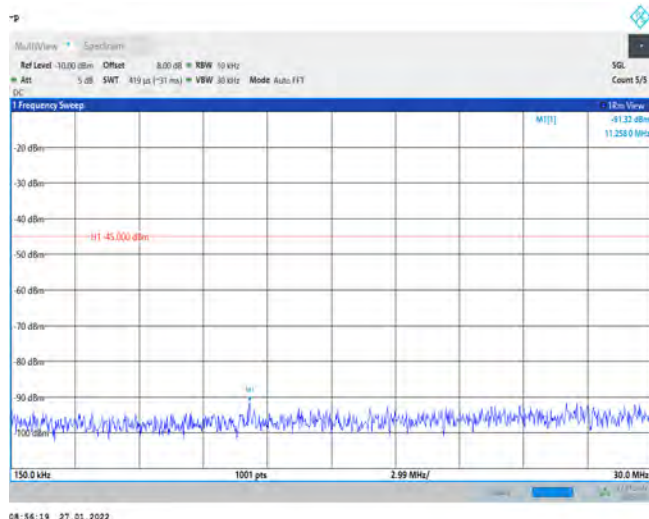
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CA_7C-20MHz-20MHz-16QAM-16QAM-21001-21199-100RB#0-100RB#0-30~1000MHz



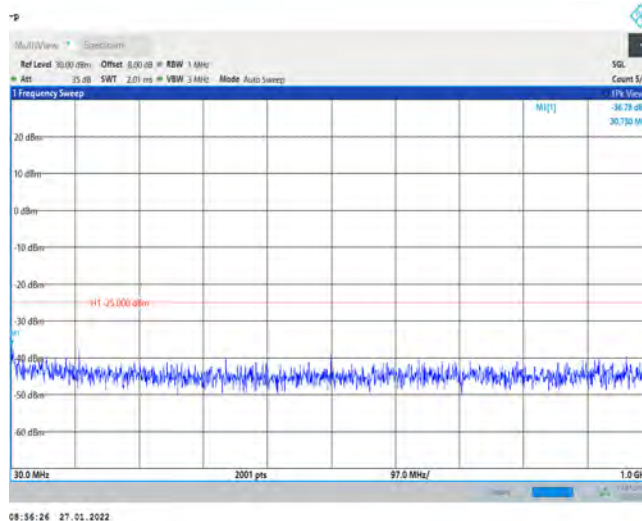
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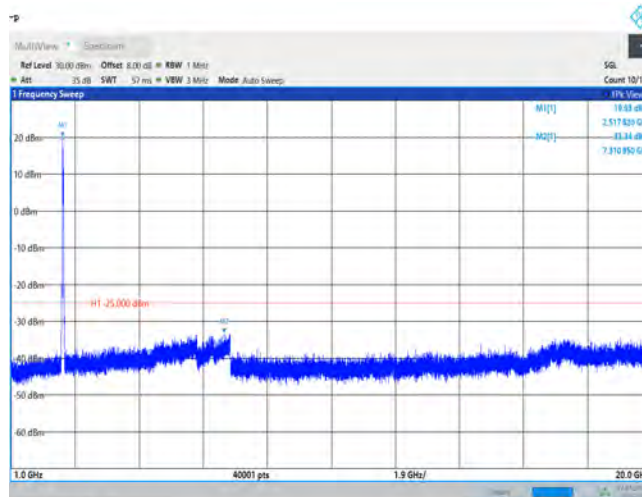
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08:56:26 27.01.2022

CA_7C-20MHz-20MHz-16QAM-16QAM-21001-21199-100RB#0-100RB#0-1000~20000MHz



08:56:35 27.01.2022

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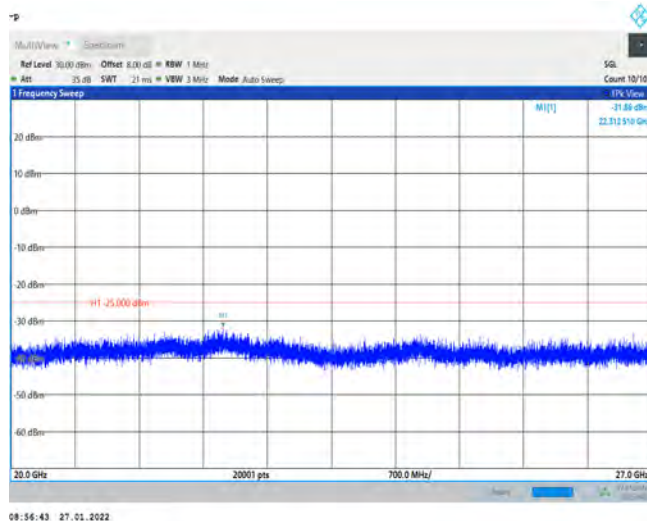
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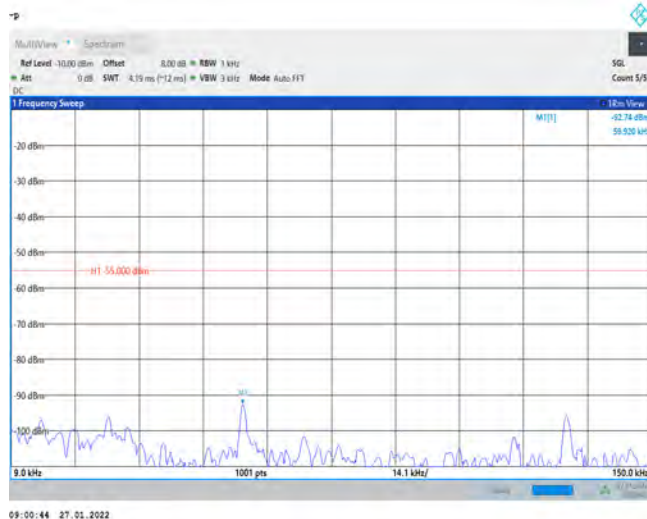
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CA_7C-20MHz-20MHz-16QAM-16QAM-21152-21350-100RB#0-100RB#0-0.009~0.15MHz



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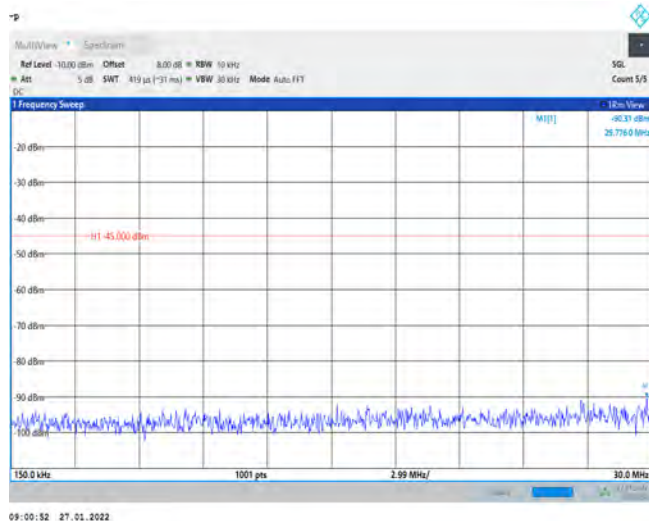
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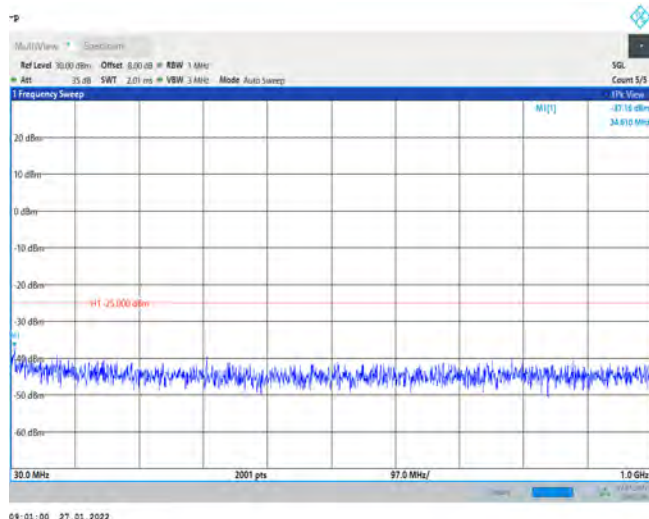
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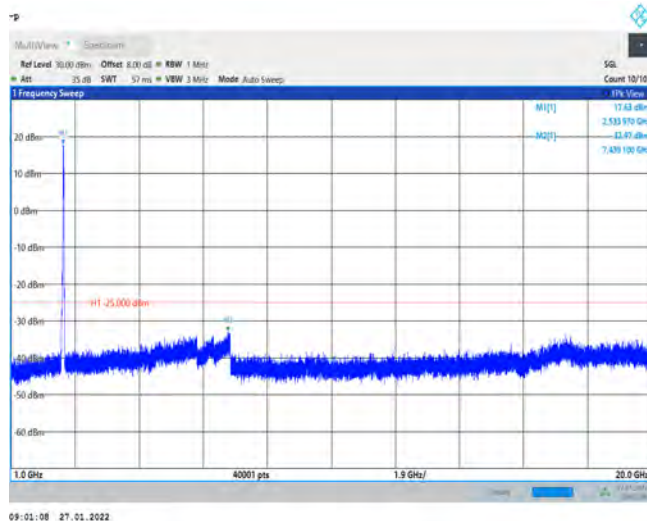
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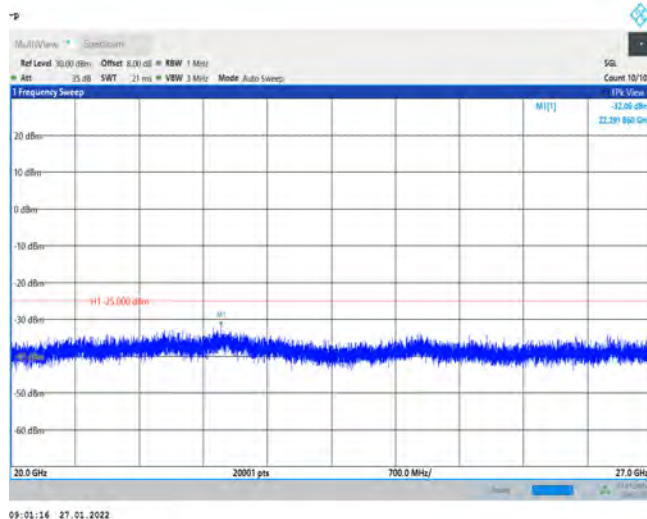
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CA_7C-20MHz-20MHz-64QAM-64QAM-20850-21048-100RB#0-100RB#0-0.009~0.15MHz



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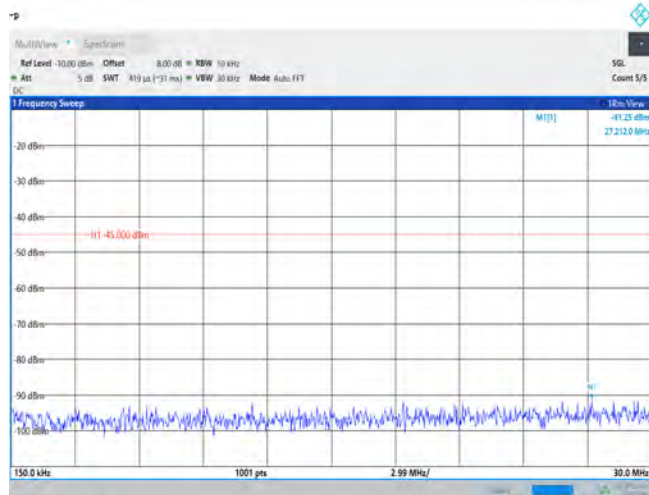
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08:52:07 27.01.2022

CA_7C-20MHz-20MHz-64QAM-64QAM-20850-21048-100RB#0-100RB#0-30~1000MHz



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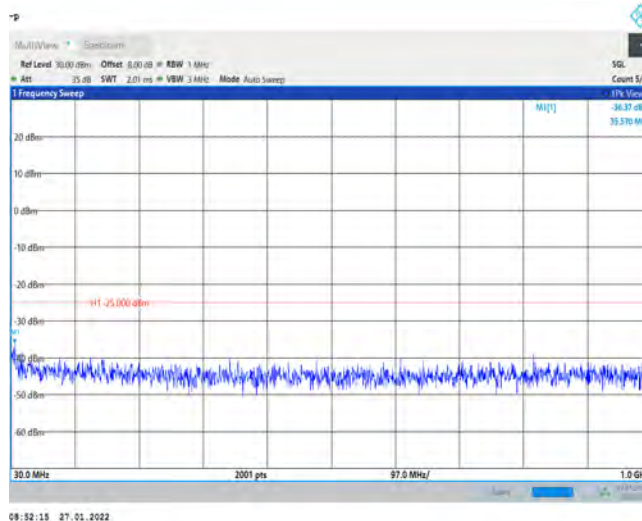
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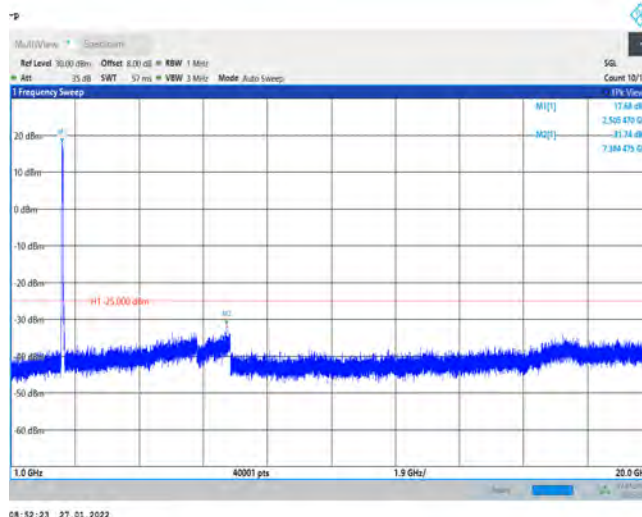
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CA_7C-20MHz-20MHz-64QAM-64QAM-20850-21048-100RB#0-100RB#0-1000~20000MHz



CA_7C-20MHz-20MHz-64QAM-64QAM-20850-21048-100RB#0-100RB#0-20000~27000MHz



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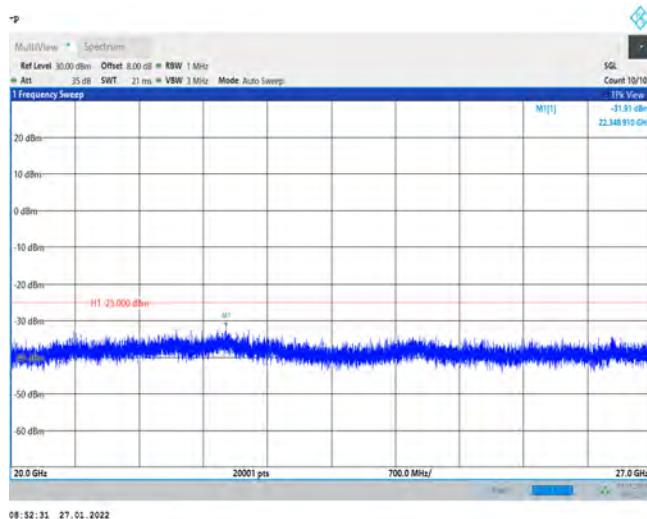
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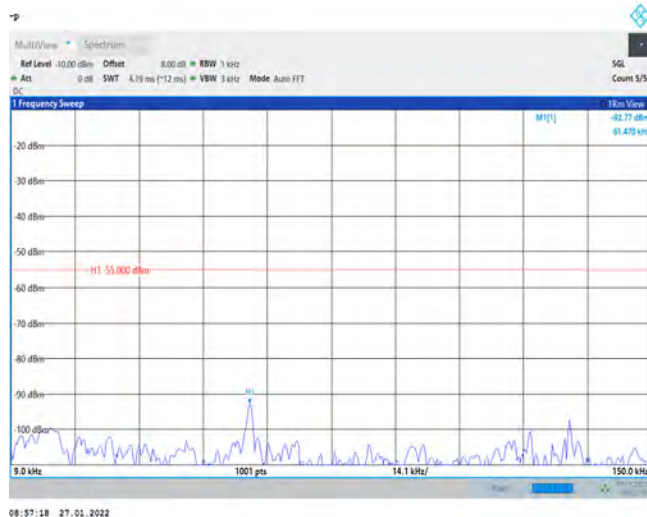
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CA_7C-20MHz-20MHz-64QAM-64QAM-21001-21199-100RB#0-100RB#0-0.009~0.15MHz



CA_7C-20MHz-20MHz-64QAM-64QAM-21001-21199-100RB#0-100RB#0-0.15~30MHz



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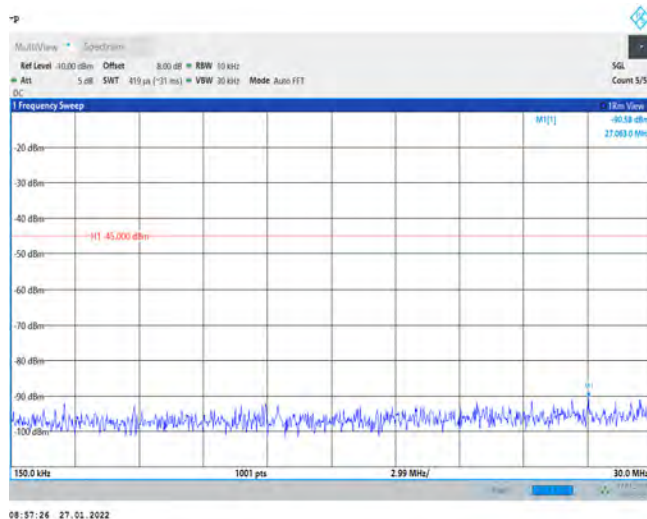
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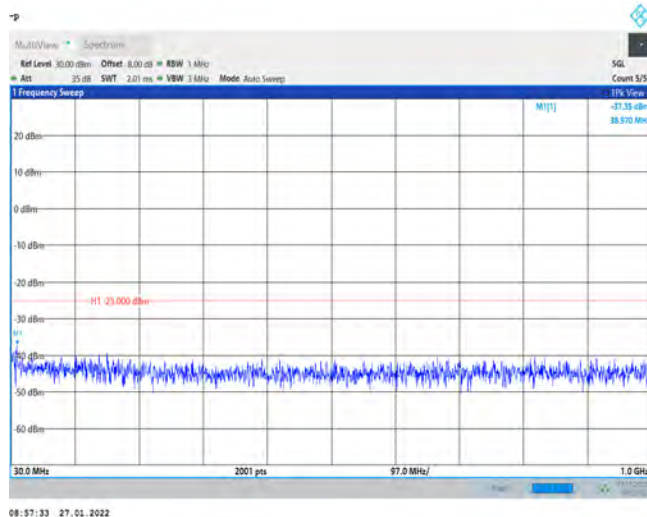
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CA_7C-20MHz-20MHz-64QAM-64QAM-21001-21199-100RB#0-100RB#0-30~1000MHz



CA_7C-20MHz-20MHz-64QAM-64QAM-21001-21199-100RB#0-100RB#0-1000~20000MHz



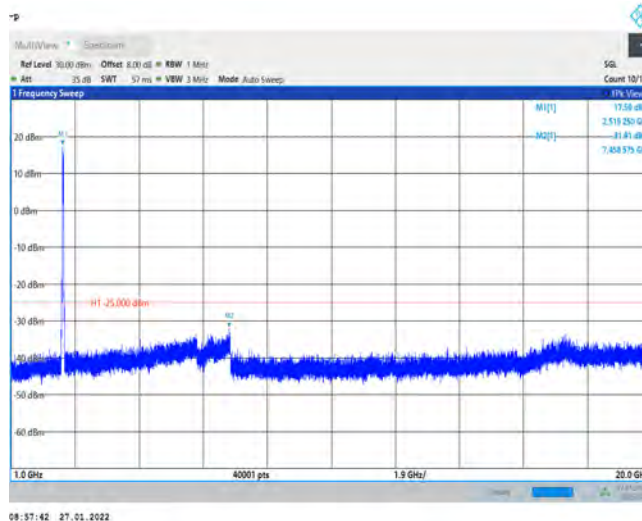
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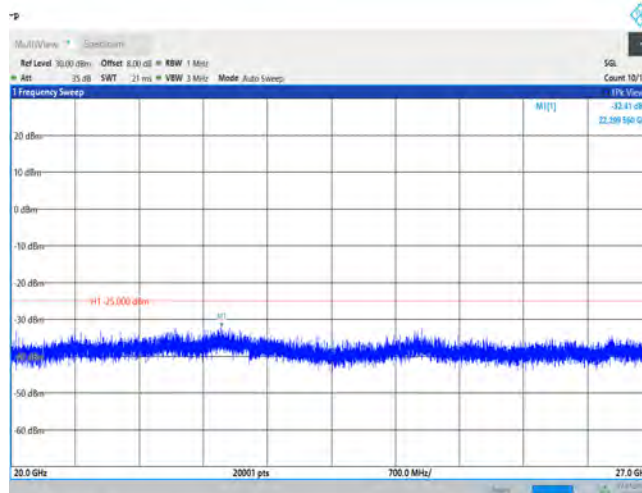
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08:57:50 27.01.2022

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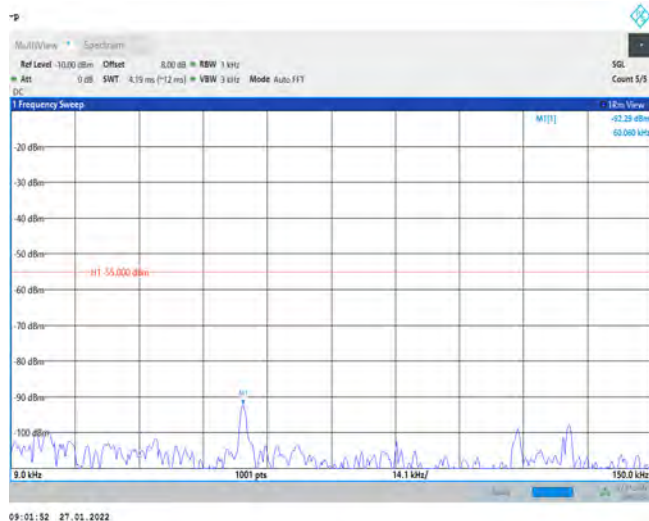
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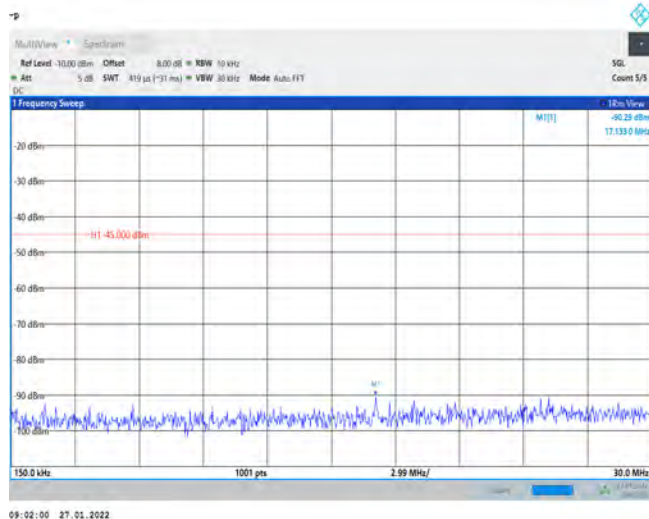
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CA_7C-20MHz-20MHz-64QAM-64QAM-21152-21350-100RB#0-100RB#0-0.15~30MHz



CA_7C-20MHz-20MHz-64QAM-64QAM-21152-21350-100RB#0-100RB#0-30~1000MHz



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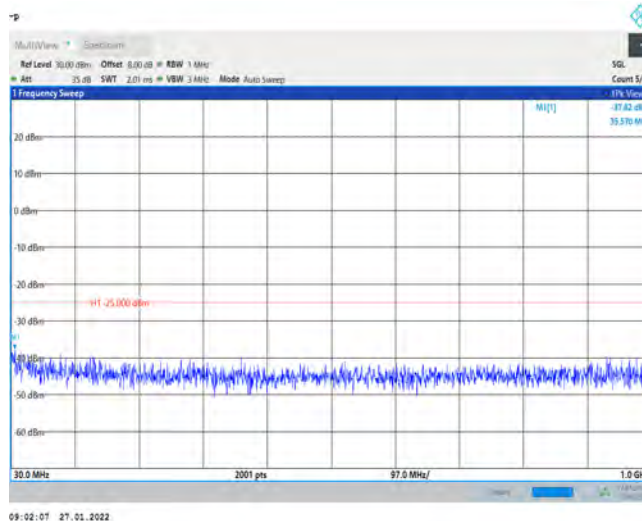
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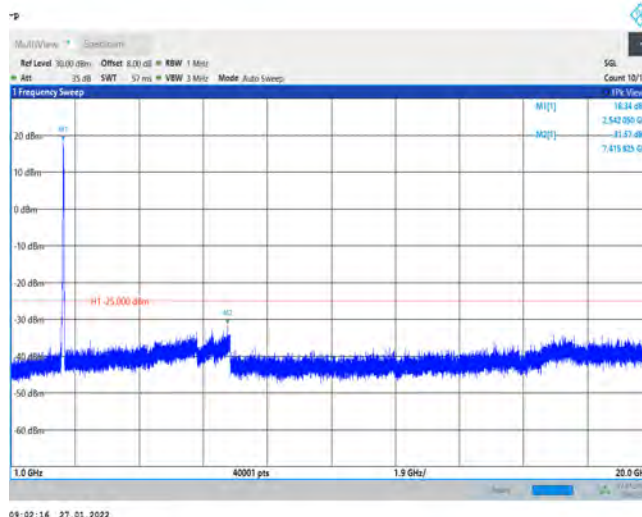
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09:02:16 27.01.2022

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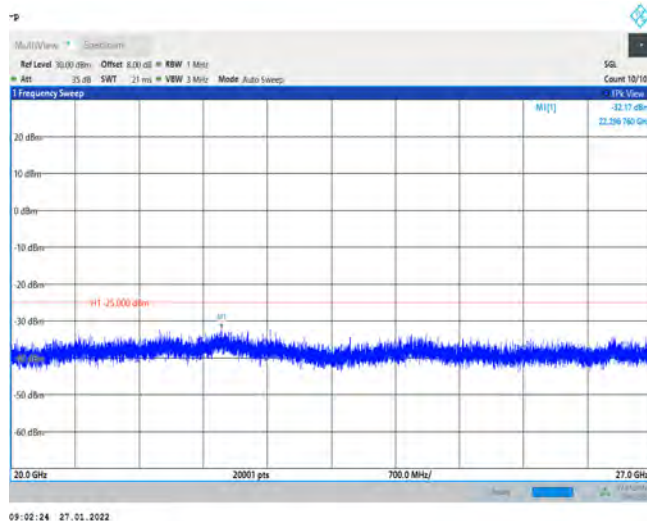
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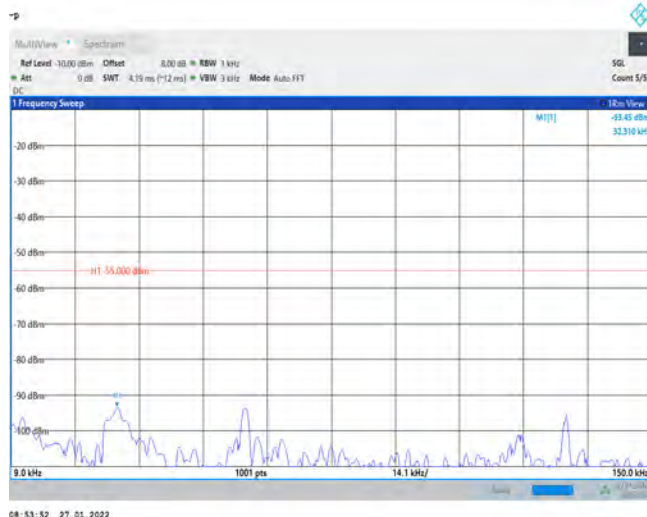
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09:02:24 27.01.2022

CA_7C-20MHz-20MHz-256QAM-256QAM-20850-21048-100RB#0-100RB#0-0.009~0.15MHz



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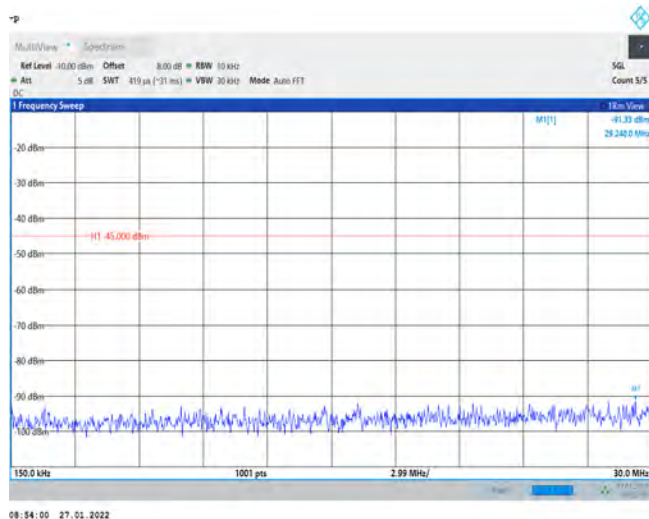
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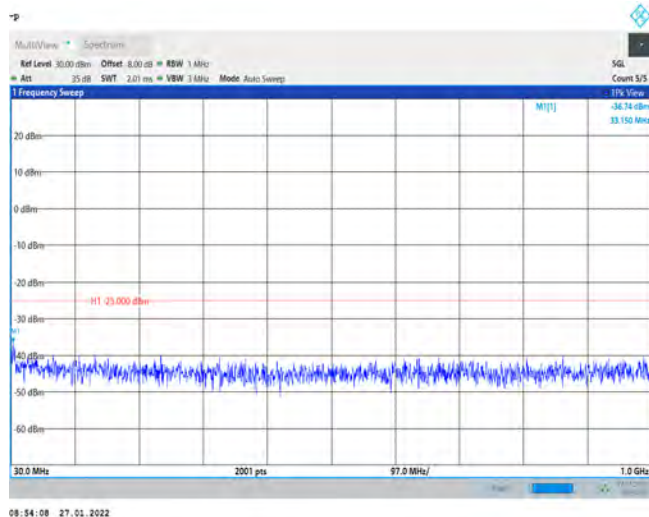
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CA_7C-20MHz-20MHz-256QAM-256QAM-20850-21048-100RB#0-100RB#0-1000~20000MH

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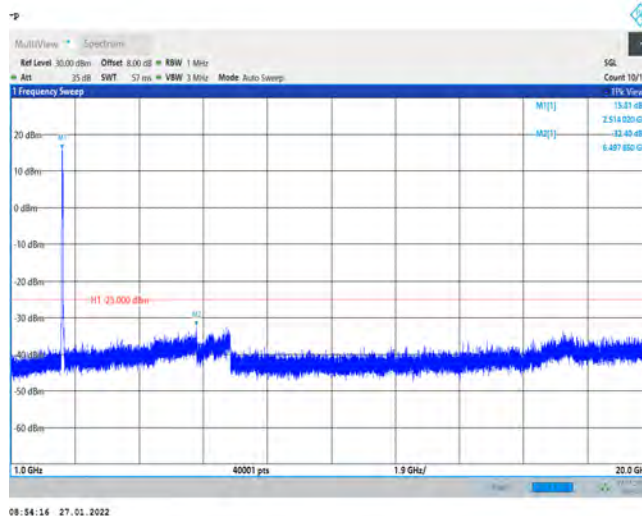
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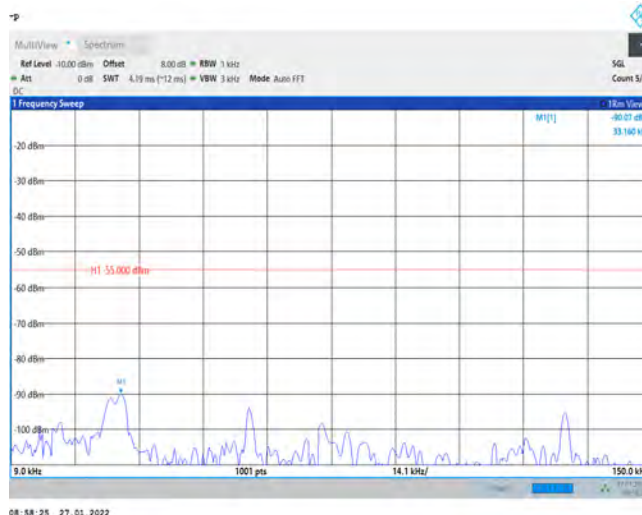
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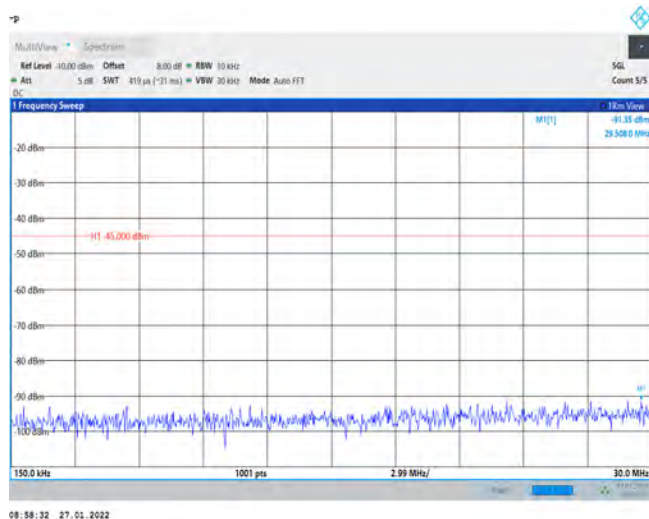
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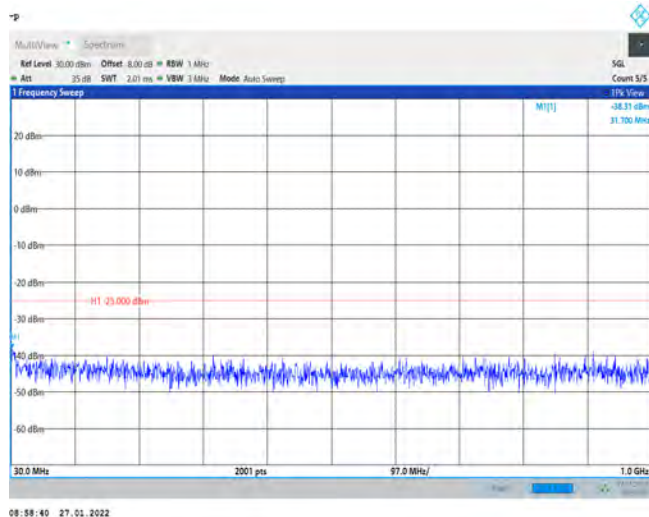
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CA_7C-20MHz-20MHz-256QAM-256QAM-21001-21199-100RB#0-100RB#0-1000~20000MH

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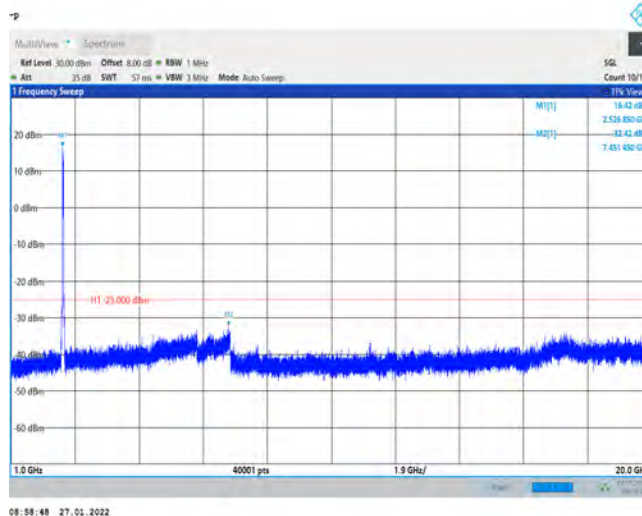
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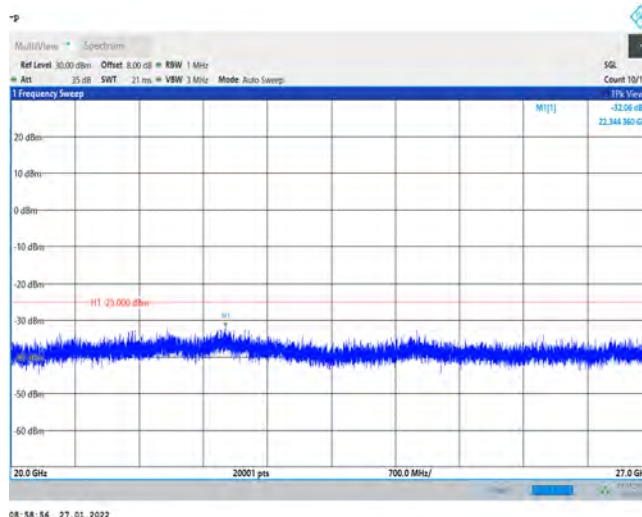
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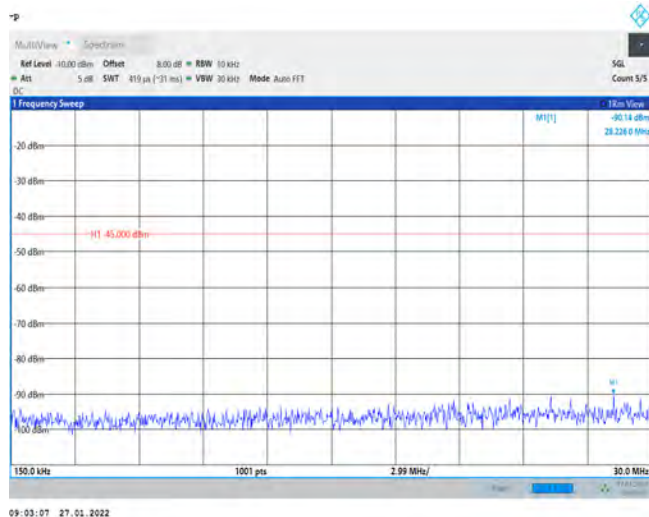
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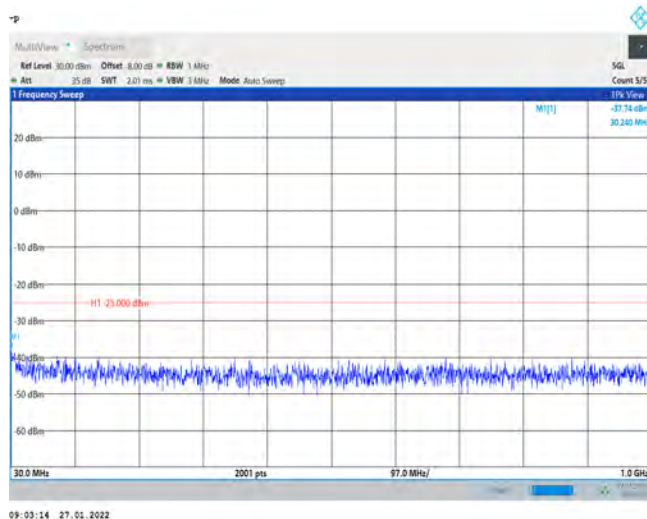
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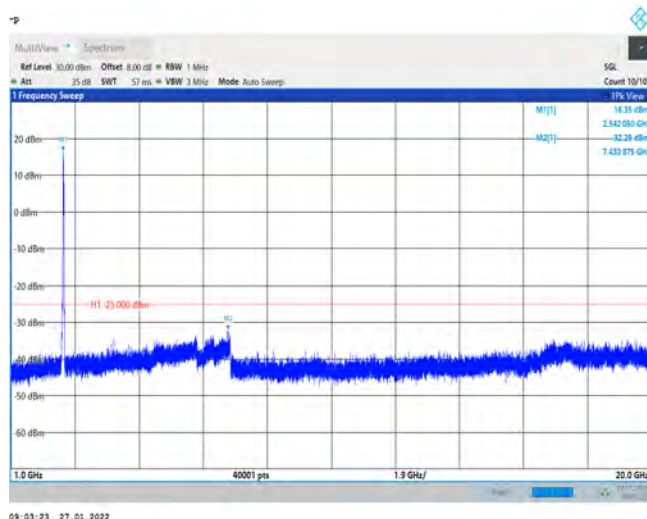
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CA_7C-20MHz-20MHz-256QAM-256QAM-21152-21350-100RB#0-100RB#0-1000~20000MH
Z



CA_7C-20MHz-20MHz-256QAM-256QAM-21152-21350-100RB#0-100RB#0-20000~27000M
Hz



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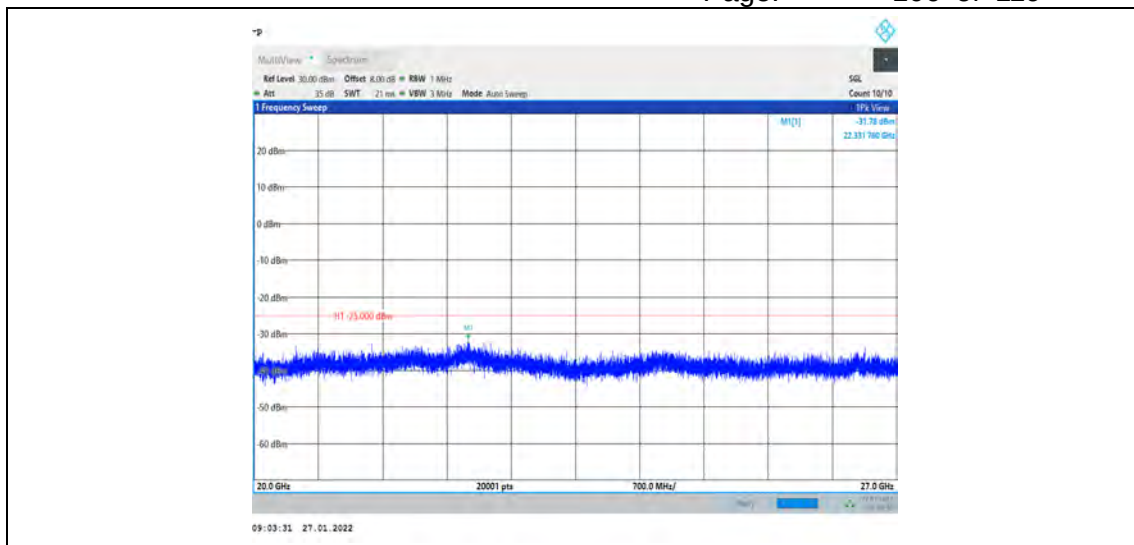
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Field Strength of Spurious Radiation

Test Band = Band7 CA TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.1800	49.60	-108.0	-58.41	-25.00	33.41	155	298	Horizontal
2	7503.2700	46.41	-101.9	-55.54	-25.00	30.54	196	360	Horizontal
3	10004.25	48.26	-96.00	-47.74	-25.00	22.74	231	98	Horizontal
4	12505.450	33.07	-93.07	-60.00	-25.00	35.00	174	165	Horizontal
5	15006.540	29.08	-90.70	-61.62	-25.00	36.62	188	213	Horizontal
6	17507.630	32.45	-90.99	-58.54	-25.00	33.54	239	3	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.1800	48.59	-108.0	-59.42	-25.00	34.42	166	198	Vertical
2	7503.2700	44.68	-101.9	-57.27	-25.00	32.27	194	319	Vertical
3	10004.25	41.77	-96.00	-54.23	-25.00	29.23	187	30	Vertical
4	12505.450	32.13	-93.07	-60.94	-25.00	35.94	149	289	Vertical
5	15006.540	29.69	-90.70	-61.01	-25.00	36.01	158	73	Vertical
6	17507.630	32.39	-90.99	-58.60	-25.00	33.60	174	246	Vertical



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Test Band = Band7 CA TM1
Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5032.3800	47.74	-107.9	-60.17	-25.00	35.17	196	172	Horizontal
2	7548.5700	46.25	-101.8	-55.63	-25.00	30.63	254	14	Horizontal
3	10064.760	45.43	-95.83	-50.40	-25.00	25.40	184	115	Horizontal
4	12580.950	32.00	-93.49	-61.49	-25.00	36.49	196	57	Horizontal
5	15097.140	30.56	-91.11	-60.55	-25.00	35.55	231	287	Horizontal
6	17613.330	31.34	-88.98	-57.64	-25.00	32.64	174	359	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5032.3800	47.67	-107.9	-60.24	-25.00	35.24	126	87	Vertical
2	7548.5700	44.63	-101.8	-57.25	-25.00	32.25	295	275	Vertical
3	10064.760	38.92	-95.83	-56.91	-25.00	31.91	135	359	Vertical
4	12580.950	31.46	-93.49	-62.03	-25.00	37.03	184	189	Vertical
5	15097.140	30.74	-91.11	-60.37	-25.00	35.37	177	304	Vertical
6	17613.330	30.99	-88.98	-57.99	-25.00	32.99	226	87	Vertical



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Test Band = Band7 CA TM1
Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5062.5800	47.31	-107.8	-60.50	-25.00	35.50	126	318	Horizontal
2	7593.8700	45.12	-101.8	-56.69	-25.00	31.69	254	352	Horizontal
3	10125	46.91	-95.79	-48.88	-25.00	23.88	195	73	Horizontal
4	12656.450	33.46	-92.96	-59.50	-25.00	34.50	163	36	Horizontal
5	15187.740	29.75	-90.34	-60.59	-25.00	35.59	177	145	Horizontal
6	17719.030	33.03	-89.11	-56.08	-25.00	31.08	201	211	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5062.5800	47.45	-107.8	-60.36	-25.00	35.36	145	55	Vertical
2	7593.8700	44.92	-101.8	-56.89	-25.00	31.89	189	313	Vertical
3	10125.160	38.21	-95.79	-57.58	-25.00	32.58	163	266	Vertical
4	12656.450	32.84	-92.96	-60.12	-25.00	35.12	254	214	Vertical
5	15187.740	30.88	-90.34	-59.46	-25.00	34.46	166	243	Vertical
6	17719.030	34.01	-89.11	-55.10	-25.00	30.10	188	28	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	VL	NT	21.40	0.008526	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	VH	NT	18.80	0.007490	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	VN	NT	21.90	0.008725	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	VN	NT	13.60	0.005386	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	VL	NT	22.00	0.008713	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	VH	NT	16.90	0.006693	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	VH	NT	14.90	0.005866	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	VL	NT	23.90	0.009409	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	VN	NT	19.80	0.007795	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	VN	NT	22.50	0.008964	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	VL	NT	18.20	0.007251	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	VH	NT	15.30	0.006096	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	VH	NT	18.20	0.007208	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	VN	NT	22.70	0.008990	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	VL	NT	27.00	0.010693	PASS



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CA_7C	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	VN	NT	27.20	0.010708	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	VL	NT	23.20	0.009133	PASS
CA_7C	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	VH	NT	24.40	0.009606	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	VN	NT	10.20	0.004064	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	VL	NT	17.70	0.007052	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	VH	NT	25.30	0.010080	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	VL	NT	18.60	0.007366	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	VH	NT	21.30	0.008435	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	VN	NT	25.50	0.010099	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	VH	NT	20.60	0.008110	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	VL	NT	24.90	0.009802	PASS
CA_7C	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	VN	NT	23.10	0.009094	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	20850-21048	100RB#0-100RB#0	VH	NT	28.90	0.011514	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	20850-21048	100RB#0-100RB#0	VL	NT	27.10	0.010797	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	20850-21048	100RB#0-100RB#0	VN	NT	24.80	0.009880	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21001-21199	100RB#0-100RB#0	VH	NT	24.60	0.009742	PASS
CA_7C	20MHz-20MHz	256QA M-256Q	21001-21199	100RB#0-100RB#0	VL	NT	33.40	0.013227	PASS



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		AM							
CA_7C	20MHz-20MHz	256QA M-256Q AM	21001- 21199	100RB#0- 100RB#0	VN	NT	24.20	0.009584	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21152- 21350	100RB#0- 100RB#0	VH	NT	18.40	0.007244	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21152- 21350	100RB#0- 100RB#0	VN	NT	23.40	0.009212	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21152- 21350	100RB#0- 100RB#0	VL	NT	22.10	0.008700	PASS



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

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Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	NV	-30	15.90	0.006335	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	NV	-20	19.70	0.007849	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	NV	-10	24.30	0.009681	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	NV	0	19.70	0.007849	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	NV	10	14.20	0.005657	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	NV	20	21.20	0.008446	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	NV	30	20.50	0.008167	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	NV	40	20.40	0.008127	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	NV	50	21.20	0.008396	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	-30	20.40	0.008127	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	-20	21.50	0.008515	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	-10	17.90	0.007089	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	0	25.00	0.009901	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	10	21.20	0.008396	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	20	21.20	0.008396	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	30	21.30	0.008435	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	40	22.30	0.008831	PASS
CA_7C	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	50	19.90	0.007881	PASS



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中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区胜浦路1号的6号厂房南面 邮编：215000

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

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CA_7C	20MHz- 20MHz	QPSK-Q PSK	21152- 21350	100RB#0- 100RB#0	NV	-30	15.50	0.006102	PASS
CA_7C	20MHz- 20MHz	QPSK-Q PSK	21152- 21350	100RB#0- 100RB#0	NV	-20	20.40	0.008031	PASS
CA_7C	20MHz- 20MHz	QPSK-Q PSK	21152- 21350	100RB#0- 100RB#0	NV	-10	19.60	0.007716	PASS
CA_7C	20MHz- 20MHz	QPSK-Q PSK	21152- 21350	100RB#0- 100RB#0	NV	0	19.50	0.007677	PASS
CA_7C	20MHz- 20MHz	QPSK-Q PSK	21152- 21350	100RB#0- 100RB#0	NV	10	11.70	0.004606	PASS
CA_7C	20MHz- 20MHz	QPSK-Q PSK	21152- 21350	100RB#0- 100RB#0	NV	20	22.00	0.008661	PASS
CA_7C	20MHz- 20MHz	QPSK-Q PSK	21152- 21350	100RB#0- 100RB#0	NV	30	19.70	0.007755	PASS
CA_7C	20MHz- 20MHz	QPSK-Q PSK	21152- 21350	100RB#0- 100RB#0	NV	40	24.60	0.009684	PASS
CA_7C	20MHz- 20MHz	QPSK-Q PSK	21152- 21350	100RB#0- 100RB#0	NV	50	11.70	0.004606	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	20850- 21048	100RB#0- 100RB#0	NV	-30	19.90	0.007928	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	20850- 21048	100RB#0- 100RB#0	NV	-20	20.30	0.008088	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	20850- 21048	100RB#0- 100RB#0	NV	-10	25.90	0.010319	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	20850- 21048	100RB#0- 100RB#0	NV	0	20.10	0.008008	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	20850- 21048	100RB#0- 100RB#0	NV	10	22.00	0.008765	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	20850- 21048	100RB#0- 100RB#0	NV	20	18.30	0.007291	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	20850- 21048	100RB#0- 100RB#0	NV	30	22.70	0.009044	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	20850- 21048	100RB#0- 100RB#0	NV	40	11.60	0.004622	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	20850- 21048	100RB#0- 100RB#0	NV	50	18.30	0.007291	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21001-	100RB#0-	NV	-30	22.30	0.008831	PASS



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区胜浦路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
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	20MHz	16QAM	21199	100RB#0					
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21001- 21199	100RB#0- 100RB#0	NV	-20	25.10	0.009940	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21001- 21199	100RB#0- 100RB#0	NV	-10	28.00	0.011089	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21001- 21199	100RB#0- 100RB#0	NV	0	26.50	0.010495	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21001- 21199	100RB#0- 100RB#0	NV	10	28.10	0.011128	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21001- 21199	100RB#0- 100RB#0	NV	20	25.80	0.010217	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21001- 21199	100RB#0- 100RB#0	NV	30	25.30	0.010019	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21001- 21199	100RB#0- 100RB#0	NV	40	18.70	0.007406	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21001- 21199	100RB#0- 100RB#0	NV	50	26.50	0.010495	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21152- 21350	100RB#0- 100RB#0	NV	-30	27.30	0.010747	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21152- 21350	100RB#0- 100RB#0	NV	-20	19.80	0.007795	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21152- 21350	100RB#0- 100RB#0	NV	-10	19.60	0.007716	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21152- 21350	100RB#0- 100RB#0	NV	0	22.40	0.008818	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21152- 21350	100RB#0- 100RB#0	NV	10	19.40	0.007637	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21152- 21350	100RB#0- 100RB#0	NV	20	25.70	0.010117	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21152- 21350	100RB#0- 100RB#0	NV	30	25.60	0.010078	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21152- 21350	100RB#0- 100RB#0	NV	40	19.20	0.007558	PASS
CA_7C	20MHz- 20MHz	16QAM- 16QAM	21152- 21350	100RB#0- 100RB#0	NV	50	22.00	0.008765	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	20850- 21048	100RB#0- 100RB#0	NV	-30	18.90	0.007530	PASS



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

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CA_7C	20MHz- 20MHz	64QAM- 64QAM	20850- 21048	100RB#0- 100RB#0	NV	-20	22.00	0.008765	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	20850- 21048	100RB#0- 100RB#0	NV	-10	31.10	0.012390	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	20850- 21048	100RB#0- 100RB#0	NV	0	21.90	0.008725	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	20850- 21048	100RB#0- 100RB#0	NV	10	22.20	0.008845	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	20850- 21048	100RB#0- 100RB#0	NV	20	23.30	0.009283	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	20850- 21048	100RB#0- 100RB#0	NV	30	22.70	0.009044	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	20850- 21048	100RB#0- 100RB#0	NV	40	22.40	0.008924	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	20850- 21048	100RB#0- 100RB#0	NV	50	22.00	0.008765	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21001- 21199	100RB#0- 100RB#0	NV	-30	20.40	0.008079	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21001- 21199	100RB#0- 100RB#0	NV	-20	19.80	0.007841	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21001- 21199	100RB#0- 100RB#0	NV	-10	24.90	0.009861	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21001- 21199	100RB#0- 100RB#0	NV	0	27.00	0.010693	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21001- 21199	100RB#0- 100RB#0	NV	10	19.30	0.007643	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21001- 21199	100RB#0- 100RB#0	NV	20	29.30	0.011604	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21001- 21199	100RB#0- 100RB#0	NV	30	20.50	0.008118	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21001- 21199	100RB#0- 100RB#0	NV	40	21.40	0.008475	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21001- 21199	100RB#0- 100RB#0	NV	50	23.10	0.009094	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21152- 21350	100RB#0- 100RB#0	NV	-30	31.20	0.012282	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21152- 21350	100RB#0- 100RB#0	NV	-20	18.90	0.007440	PASS



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CA_7C	20MHz- 20MHz	64QAM- 64QAM	21152- 21350	100RB#0- 100RB#0	NV	-10	23.10	0.009094	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21152- 21350	100RB#0- 100RB#0	NV	0	25.70	0.010117	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21152- 21350	100RB#0- 100RB#0	NV	10	20.10	0.007913	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21152- 21350	100RB#0- 100RB#0	NV	20	26.50	0.010432	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21152- 21350	100RB#0- 100RB#0	NV	30	22.00	0.008661	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21152- 21350	100RB#0- 100RB#0	NV	40	20.10	0.007913	PASS
CA_7C	20MHz- 20MHz	64QAM- 64QAM	21152- 21350	100RB#0- 100RB#0	NV	50	23.10	0.009094	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	20850- 21048	100RB#0- 100RB#0	NV	-30	20.30	0.008088	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	20850- 21048	100RB#0- 100RB#0	NV	-20	15.40	0.006135	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	20850- 21048	100RB#0- 100RB#0	NV	-10	24.40	0.009721	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	20850- 21048	100RB#0- 100RB#0	NV	0	15.80	0.006295	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	20850- 21048	100RB#0- 100RB#0	NV	10	17.10	0.006813	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	20850- 21048	100RB#0- 100RB#0	NV	20	22.00	0.008765	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	20850- 21048	100RB#0- 100RB#0	NV	30	20.00	0.007968	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	20850- 21048	100RB#0- 100RB#0	NV	40	25.10	0.010000	PASS



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		AM							
CA_7C	20MHz-20MHz	256QA M-256Q AM	20850-21048	100RB#0-100RB#0	NV	50	22.00	0.008765	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21001-21199	100RB#0-100RB#0	NV	-30	25.50	0.010099	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21001-21199	100RB#0-100RB#0	NV	-20	32.00	0.012673	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21001-21199	100RB#0-100RB#0	NV	-10	28.10	0.011128	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21001-21199	100RB#0-100RB#0	NV	0	25.00	0.009901	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21001-21199	100RB#0-100RB#0	NV	10	21.30	0.008435	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21001-21199	100RB#0-100RB#0	NV	20	25.50	0.010099	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21001-21199	100RB#0-100RB#0	NV	30	19.10	0.007564	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21001-21199	100RB#0-100RB#0	NV	40	20.10	0.007960	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21001-21199	100RB#0-100RB#0	NV	50	30.80	0.012125	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21152-21350	100RB#0-100RB#0	NV	-30	23.10	0.009094	PASS
CA_7C	20MHz-20MHz	256QA M-256Q AM	21152-21350	100RB#0-100RB#0	NV	-20	23.00	0.009054	PASS
CA_7C	20MHz-20MHz	256QA	21152-	100RB#0-	NV	-10	22.50	0.008858	PASS



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South of No. 6 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

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

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

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

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	20MHz	M-256Q AM	21350	100RB#0					
CA_7C	20MHz- 20MHz	256QA M-256Q AM	21152- 21350	100RB#0- 100RB#0	NV	0	30.80	0.012125	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	21152- 21350	100RB#0- 100RB#0	NV	10	20.80	0.008188	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	21152- 21350	100RB#0- 100RB#0	NV	20	16.00	0.006299	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	21152- 21350	100RB#0- 100RB#0	NV	30	25.70	0.010117	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	21152- 21350	100RB#0- 100RB#0	NV	40	23.60	0.009291	PASS
CA_7C	20MHz- 20MHz	256QA M-256Q AM	21152- 21350	100RB#0- 100RB#0	NV	50	16.00	0.006299	PASS

The End



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中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区湖墅路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgs.com

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