Appendix B.22

LTE CA_41C

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Effective (Isotropic) Radiated Power Output Data

Test ResultAnt7

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	1RB#0-0RB#0	24.24	26.85	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	22.55	25.16	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	1RB#0-0RB#0	24.1	26.71	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	22.48	25.09	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	1RB#0-0RB#0	23.54	26.15	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	22.35	24.96	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	1RB#0-0RB#0	23.2	25.81	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	21.45	24.06	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	1RB#0-0RB#0	23.08	25.69	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	21.38	23.99	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	1RB#0-0RB#0	22.86	25.47	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	21.34	23.95	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	1RB#0-0RB#0	22.64	25.25	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	21.41	24.02	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	1RB#0-0RB#0	22.55	25.16	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	21.35	23.96	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	1RB#0-0RB#0	22.16	24.77	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	21.44	24.05	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	39703-39823	1RB#0-0RB#0	24.7	27.31	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	39703-39823	50RB#0-75RB#0	23.43	26.04	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	40549-40669	1RB#0-0RB#0	23.34	25.95	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	40549-40669	50RB#0-75RB#0	22.5	25.11	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	41395-41515	1RB#0-0RB#0	23.24	25.85	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	41395-41515	50RB#0-75RB#0	22.15	24.76	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	1RB#0-0RB#0	24.34	26.95	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	22.46	25.07	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	1RB#0-0RB#0	24.44	27.05	33	PASS

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41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	23.15	25.76	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	1RB#0-0RB#0	24.01	26.62	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	22.37	24.98	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	1RB#0-0RB#0	23.07	25.68	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	21.61	24.22	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	1RB#0-0RB#0	20.77	23.38	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	20.9	23.51	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	1RB#0-0RB#0	22.93	25.54	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	21.45	24.06	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	1RB#0-0RB#0	22.51	25.12	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	21.63	24.24	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	1RB#0-0RB#0	22.65	25.26	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	21.31	23.92	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	1RB#0-0RB#0	22.56	25.17	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	21.47	24.08	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	39705-39849	1RB#0-0RB#0	24.64	27.25	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	39705-39849	50RB#0-100RB#0	22.34	24.95	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	40526-40670	1RB#0-0RB#0	20.57	23.18	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	40526-40670	50RB#0-100RB#0	22.58	25.19	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	41346-41490	1RB#0-0RB#0	21.19	23.8	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	41346-41490	50RB#0-100RB#0	22.18	24.79	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	1RB#0-0RB#0	21.48	24.09	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	22.63	25.24	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	1RB#0-0RB#0	19.63	22.24	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	22.42	25.03	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	1RB#0-0RB#0	24.41	27.02	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	22.43	25.04	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	1RB#0-0RB#0	23.64	26.25	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	21.49	24.1	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	1RB#0-0RB#0	23.42	26.03	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	21.48	24.09	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	1RB#0-0RB#0	23.26	25.87	33	PASS

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41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	21.56	24.17	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	1RB#0-0RB#0	22.96	25.57	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	21.5	24.11	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	1RB#0-0RB#0	22.86	25.47	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	21.42	24.03	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	1RB#0-0RB#0	22.53	25.14	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	21.44	24.05	33	PASS
41-41	15MHz-10MHz	256QAM-256QAM	39725-39845	1RB#0-0RB#0	20.61	23.22	33	PASS
41-41	15MHz-10MHz	256QAM-256QAM	39725-39845	75RB#0-50RB#0	19.86	22.47	33	PASS
41-41	15MHz-10MHz	256QAM-256QAM	40571-40691	1RB#0-0RB#0	20.63	23.24	33	PASS
41-41	15MHz-10MHz	256QAM-256QAM	40571-40691	75RB#0-50RB#0	19.78	22.39	33	PASS
41-41	15MHz-10MHz	256QAM-256QAM	41417-41537	1RB#0-0RB#0	20.37	22.98	33	PASS
41-41	15MHz-10MHz	256QAM-256QAM	41417-41537	75RB#0-50RB#0	19.49	22.1	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	1RB#0-0RB#0	24.39	27	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	22.57	25.18	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	1RB#0-0RB#0	24.38	26.99	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	22.46	25.07	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	1RB#0-0RB#0	24.13	26.74	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	22.59	25.2	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	1RB#0-0RB#0	23.46	26.07	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	21.48	24.09	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	1RB#0-0RB#0	23.13	25.74	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	21.52	24.13	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	1RB#0-0RB#0	23.15	25.76	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	21.44	24.05	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	1RB#0-0RB#0	22.76	25.37	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	21.62	24.23	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	1RB#0-0RB#0	22.58	25.19	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	21.5	24.11	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	1RB#0-0RB#0	22.47	25.08	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	21.5	24.11	33	PASS
41-41	15MHz-15MHz	256QAM-256QAM	39725-39875	1RB#0-0RB#0	21.55	24.16	33	PASS

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41-41	15MHz-15MHz	256QAM-256QAM	39725-39875	75RB#0-75RB#0	20.47	23.08	33	PASS
41-41	15MHz-15MHz	256QAM-256QAM	40545-40695	1RB#0-0RB#0	21.55	24.16	33	PASS
41-41	15MHz-15MHz	256QAM-256QAM	40545-40695	75RB#0-75RB#0	20.54	23.15	33	PASS
41-41	15MHz-15MHz	256QAM-256QAM	41365-41515	1RB#0-0RB#0	21.7	24.31	33	PASS
41-41	15MHz-15MHz	256QAM-256QAM	41365-41515	75RB#0-75RB#0	20.73	23.34	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	1RB#0-0RB#0	24.41	27.02	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	22.68	25.29	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	1RB#0-0RB#0	24.86	27.47	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	22.8	25.41	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	1RB#0-0RB#0	24.23	26.84	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	23.37	25.98	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	1RB#0-0RB#0	23.34	25.95	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	21.63	24.24	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	1RB#0-0RB#0	20.95	23.56	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	20.27	22.88	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	1RB#0-0RB#0	23.14	25.75	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	22.41	25.02	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	1RB#0-0RB#0	22.64	25.25	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	21.74	24.35	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	1RB#0-0RB#0	22.87	25.48	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	20.84	23.45	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	1RB#0-0RB#0	22.63	25.24	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	21.38	23.99	33	PASS
41-41	15MHz-20MHz	256QAM-256QAM	39728-39899	1RB#0-0RB#0	21.82	24.43	33	PASS
41-41	15MHz-20MHz	256QAM-256QAM	39728-39899	75RB#0-100RB#0	20.61	23.22	33	PASS
41-41	15MHz-20MHz	256QAM-256QAM	40523-40694	1RB#0-0RB#0	21.74	24.35	33	PASS
41-41	15MHz-20MHz	256QAM-256QAM	40523-40694	75RB#0-100RB#0	20.12	22.73	33	PASS
41-41	15MHz-20MHz	256QAM-256QAM	41319-41490	1RB#0-0RB#0	20.57	23.18	33	PASS
41-41	15MHz-20MHz	256QAM-256QAM	41319-41490	75RB#0-100RB#0	20.04	22.65	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	22.49	25.1	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	1RB#0-0RB#0	24.14	26.75	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	22.5	25.11	33	PASS

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41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	1RB#0-0RB#0	24.09	26.7	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	22.36	24.97	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	1RB#0-0RB#0	24.11	26.72	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	21.51	24.12	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	1RB#0-0RB#0	23.21	25.82	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	21.62	24.23	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	1RB#0-0RB#0	22.97	25.58	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	21.54	24.15	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	1RB#0-0RB#0	23.13	25.74	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	21.48	24.09	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	1RB#0-0RB#0	22.45	25.06	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	21.46	24.07	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	1RB#0-0RB#0	22.35	24.96	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	21.41	24.02	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	1RB#0-0RB#0	22.5	25.11	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	39750-39921	100RB#0-75RB#0	20.82	23.43	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	39750-39921	1RB#0-0RB#0	24.64	27.25	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	40546-40717	100RB#0-75RB#0	21.7	24.31	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	40546-40717	1RB#0-0RB#0	24.48	27.09	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	41341-41512	100RB#0-75RB#0	24.66	27.27	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	41341-41512	1RB#0-0RB#0	24.54	27.15	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	22.53	25.14	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	1RB#0-0RB#0	24.29	26.9	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	22.55	25.16	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	1RB#0-0RB#0	24.15	26.76	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	22.5	25.11	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	1RB#0-0RB#0	23.52	26.13	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	21.54	24.15	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	1RB#0-0RB#0	23.15	25.76	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	21.61	24.22	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	1RB#0-0RB#0	23.02	25.63	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	21.58	24.19	33	PASS

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41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	1RB#0-0RB#0	23.11	25.72	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	21.39	24	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	1RB#0-0RB#0	22.35	24.96	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	21.54	24.15	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	1RB#0-0RB#0	22.52	25.13	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	21.5	24.11	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	1RB#0-0RB#0	22.53	25.14	33	PASS
41-41	20MHz-20MHz	256QAM-256QAM	39750-39948	100RB#0-100RB#0	22.54	25.15	33	PASS
41-41	20MHz-20MHz	256QAM-256QAM	39750-39948	1RB#0-0RB#0	24.67	27.28	33	PASS
41-41	20MHz-20MHz	256QAM-256QAM	40521-40719	100RB#0-100RB#0	22.42	25.03	33	PASS
41-41	20MHz-20MHz	256QAM-256QAM	40521-40719	1RB#0-0RB#0	24.49	27.1	33	PASS
41-41	20MHz-20MHz	256QAM-256QAM	41292-41490	100RB#0-100RB#0	22.62	25.23	33	PASS
41-41	20MHz-20MHz	256QAM-256QAM	41292-41490	1RB#0-0RB#0	24.65	27.26	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	22.59	25.2	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	1RB#0-0RB#0	24.54	27.15	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	22.57	25.18	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	1RB#0-0RB#0	21.04	23.65	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	22.62	25.23	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	1RB#0-0RB#0	22.92	25.53	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	21.58	24.19	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	1RB#0-0RB#0	23.56	26.17	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	21.59	24.2	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	1RB#0-0RB#0	23.44	26.05	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	21.54	24.15	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	1RB#0-0RB#0	23.36	25.97	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	21.63	24.24	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	1RB#0-0RB#0	22.79	25.4	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	21.51	24.12	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	1RB#0-0RB#0	22.69	25.3	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	21.65	24.26	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	1RB#0-0RB#0	22.7	25.31	33	PASS
41-41	20MHz-5MHz	256QAM-256QAM	39750-39867	100RB#0-25RB#0	21.68	24.29	33	PASS

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41-41	20MHz-5MHz	256QAM-256QAM	39750-39867	1RB#0-0RB#0	22.39	25	33	PASS
41-41	20MHz-5MHz	256QAM-256QAM	40595-40712	100RB#0-25RB#0	21.49	24.1	33	PASS
41-41	20MHz-5MHz	256QAM-256QAM	40595-40712	1RB#0-0RB#0	24.8	27.41	33	PASS
41-41	20MHz-5MHz	256QAM-256QAM	41440-41557	100RB#0-25RB#0	20.66	23.27	33	PASS
41-41	20MHz-5MHz	256QAM-256QAM	41440-41557	1RB#0-0RB#0	24.82	27.43	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	1RB#0-0RB#0	24.25	26.86	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	22.39	25	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	1RB#0-0RB#0	24.09	26.7	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	22.33	24.94	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	1RB#0-0RB#0	23.88	26.49	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	22.43	25.04	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	1RB#0-0RB#0	23	25.61	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	21.44	24.05	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	1RB#0-0RB#0	23.03	25.64	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	21.4	24.01	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	1RB#0-0RB#0	22.87	25.48	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	21.44	24.05	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	1RB#0-0RB#0	22.38	24.99	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	21.28	23.89	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	1RB#0-0RB#0	22.5	25.11	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	21.49	24.1	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	1RB#0-0RB#0	22.2	24.81	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	21.34	23.95	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	39683-39800	1RB#0-0RB#0	24.74	27.35	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	39683-39800	25RB#0-100RB#0	20.55	23.16	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	40528-40645	1RB#0-0RB#0	24.46	27.07	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	40528-40645	25RB#0-100RB#0	20.26	22.87	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	41373-41490	1RB#0-0RB#0	24.41	27.02	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	41373-41490	25RB#0-100RB#0	20.4	23.01	33	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	8.82	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	8.90	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	8.74	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	9.60	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	9.86	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	9.50	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	9.80	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	10.06	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	9.64	13	PASS
41-41	20MHz-20MHz	256QAM-256QAM	39750-39948	100RB#0-100RB#0	9.76	13	PASS
41-41	20MHz-20MHz	256QAM-256QAM	40521-40719	100RB#0-100RB#0	8.04	13	PASS
41-41	20MHz-20MHz	256QAM-256QAM	41292-41490	100RB#0-100RB#0	8.50	13	PASS

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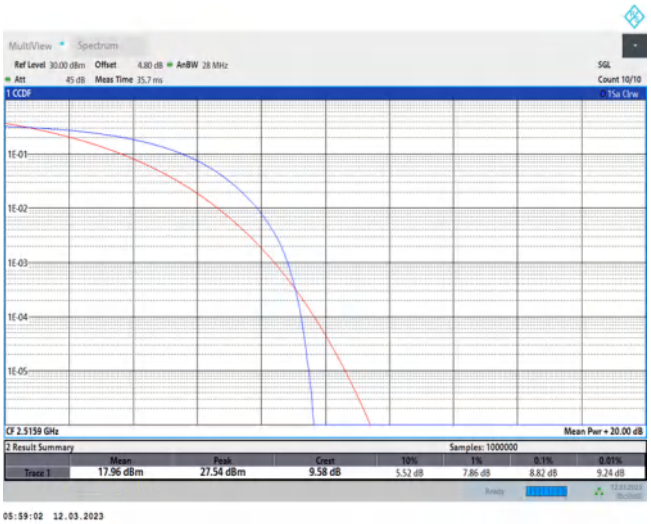
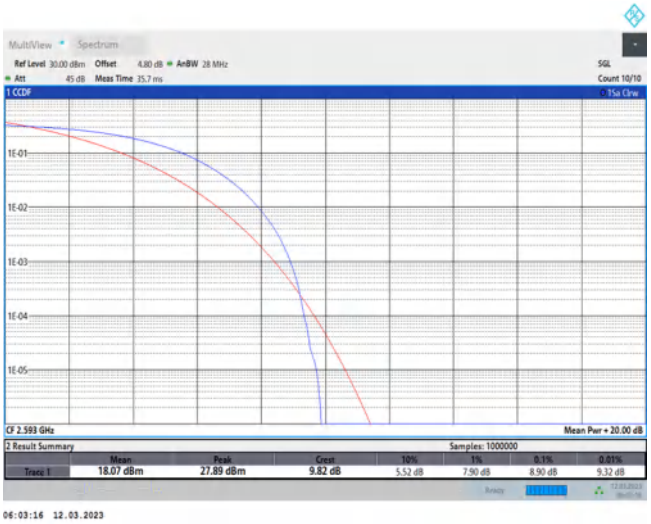
Test Graphs

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0



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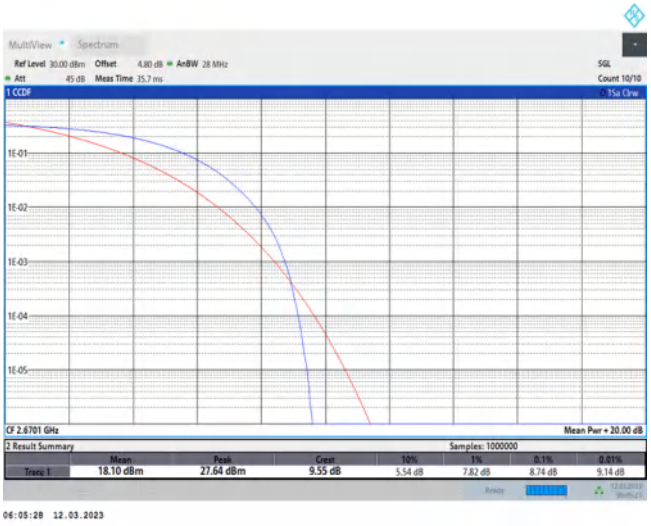
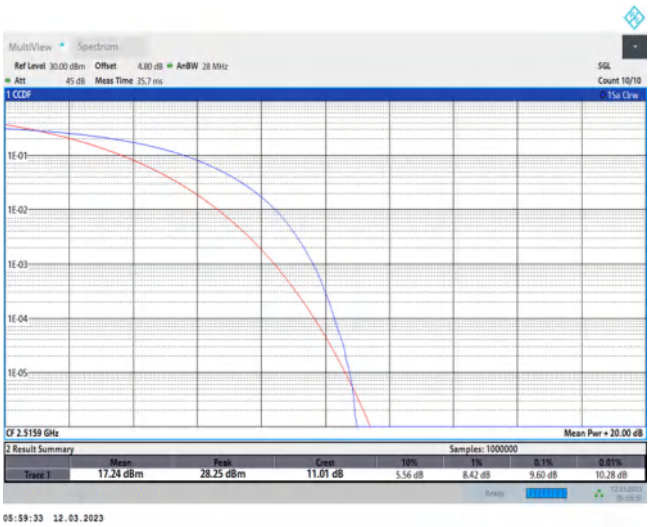
41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0



41-41-20MHz-20MHz-16QAM-16QAM-39750-39948-100RB#0-100RB#0



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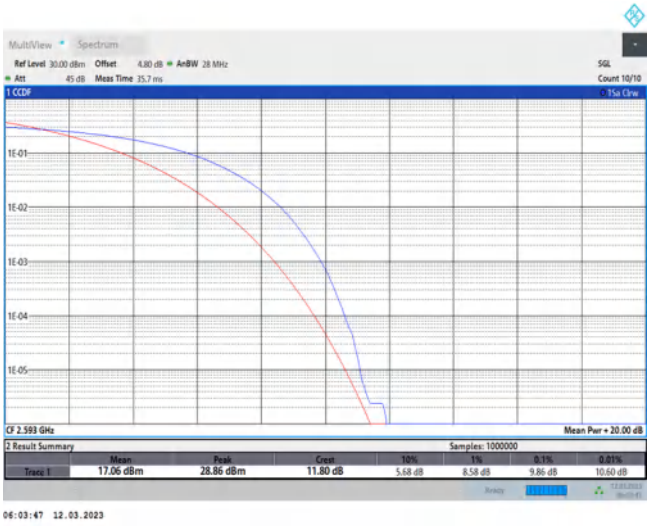
41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0


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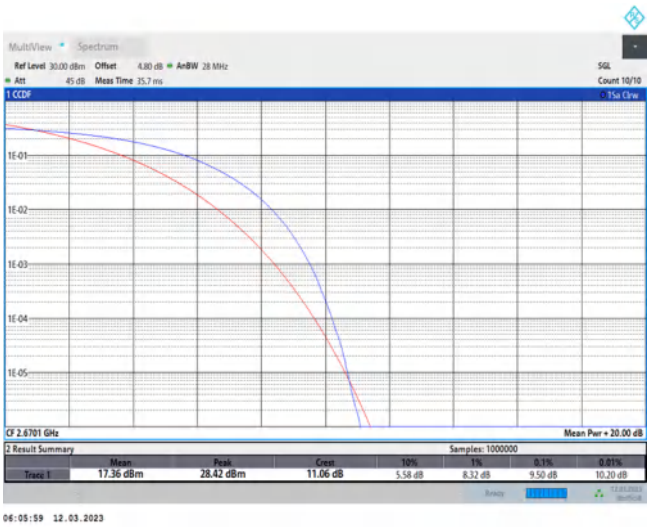

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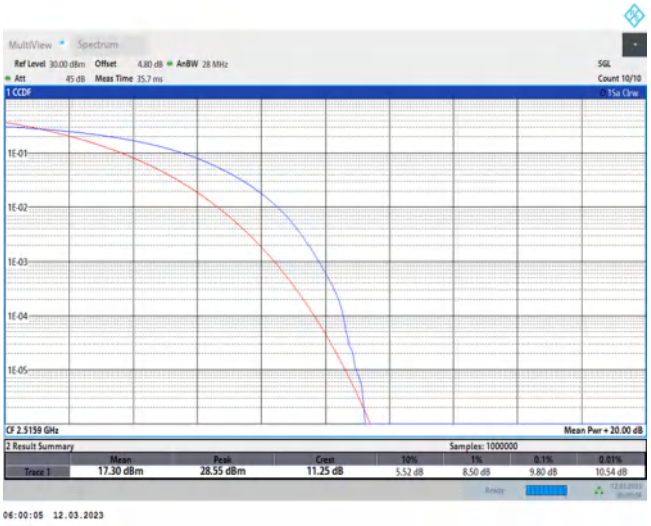
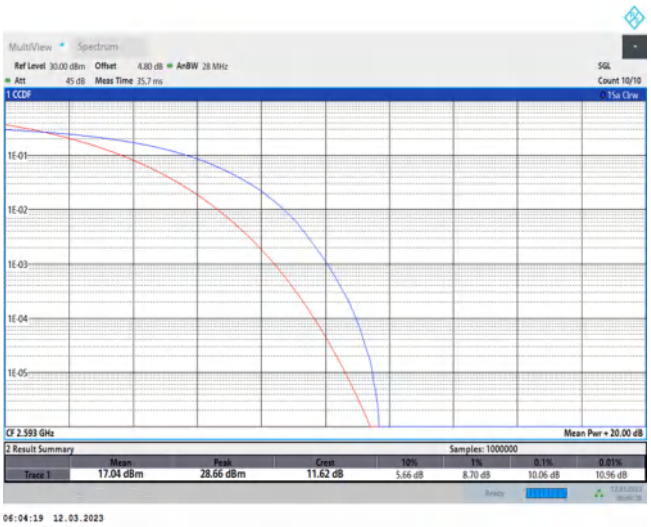
41-41-20MHz-20MHz-64QAM-64QAM-39750-39948-100RB#0-100RB#0



41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#0-100RB#0



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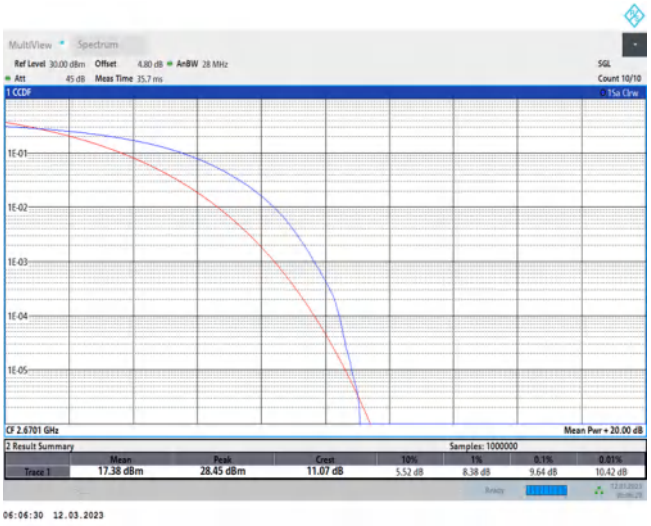
41-41-20MHz-20MHz-64QAM-64QAM-41292-41490-100RB#0-100RB#0



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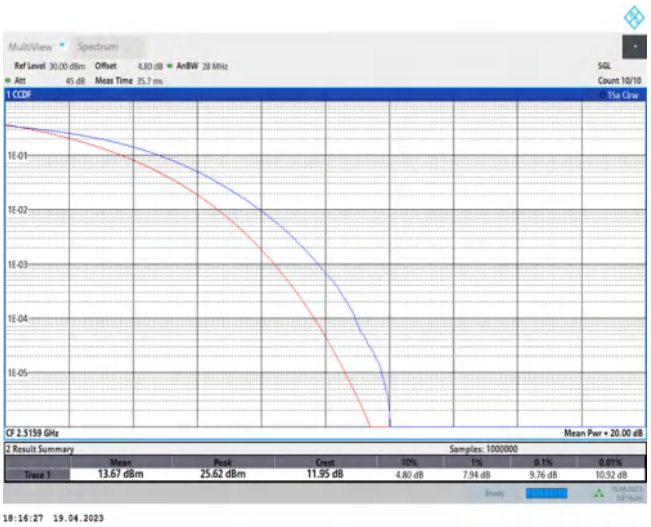

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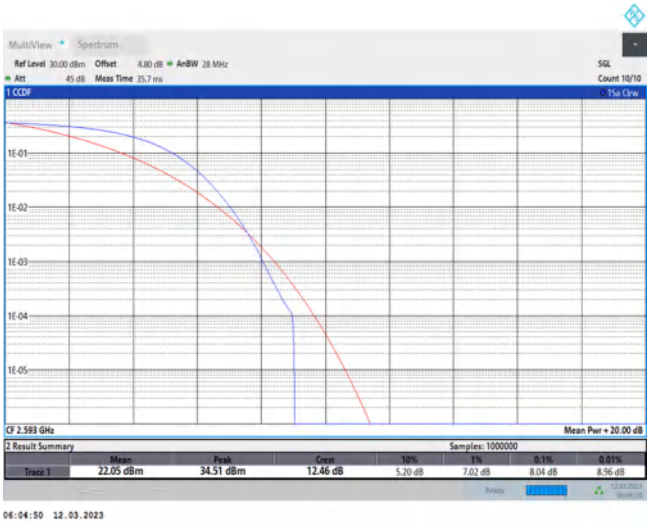
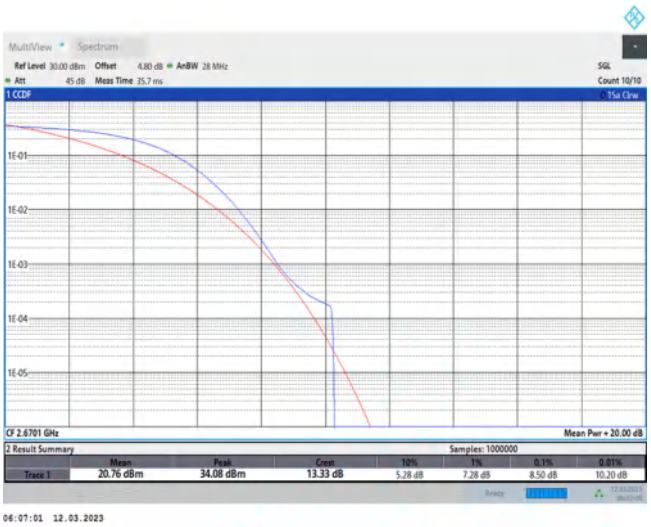
41-41-20MHz-20MHz-256QAM-256QAM-40521-40719-100RB#0-100RB#0



41-41-20MHz-20MHz-256QAM-256QAM-41292-41490-100RB#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
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	23.214	29.25	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	23.129	24.85	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	23.21	30.15	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	23.931	29.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	23.102	25.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	24.338	29.45	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	23.216	28.85	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	23.089	24.85	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	23.212	29.05	PASS
41-41	10MHz-15MHz	256QAM-256QAM	39703-39823	50RB#0-75RB#0	24.579	32.40	PASS
41-41	10MHz-15MHz	256QAM-256QAM	40549-40669	50RB#0-75RB#0	23.091	24.90	PASS
41-41	10MHz-15MHz	256QAM-256QAM	41395-41515	50RB#0-75RB#0	24.943	33.80	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	27.71	29.34	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	27.687	29.4	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	27.675	29.22	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	27.687	29.16	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	27.652	29.4	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	27.648	29.16	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	27.598	29.34	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	27.571	29.16	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	27.557	29.22	PASS
41-41	10MHz-20MHz	256QAM-256QAM	39705-39849	50RB#0-100RB#0	27.639	29.28	PASS
41-41	10MHz-20MHz	256QAM-256QAM	40526-40670	50RB#0-100RB#0	27.628	29.28	PASS
41-41	10MHz-20MHz	256QAM-256QAM	41346-41490	50RB#0-100RB#0	27.616	29.46	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	24.07	32.15	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	23.19	26.65	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	24.347	32.50	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	23.308	29.40	PASS

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41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	23.133	25.30	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	23.474	33.45	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	23.195	28.65	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	23.089	24.70	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	23.229	29.65	PASS
41-41	15MHz-10MHz	256QAM-256QAM	39725-39845	75RB#0-50RB#0	23.467	30.70	PASS
41-41	15MHz-10MHz	256QAM-256QAM	40571-40691	75RB#0-50RB#0	23.175	25.60	PASS
41-41	15MHz-10MHz	256QAM-256QAM	41417-41537	75RB#0-50RB#0	23.683	32.25	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	28.319	30.84	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	28.31	31.08	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	28.387	31.14	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	28.299	29.94	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	28.277	29.94	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	28.27	29.94	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	28.271	30.06	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	28.251	30.06	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	28.259	30.06	PASS
41-41	15MHz-15MHz	256QAM-256QAM	39725-39875	75RB#0-75RB#0	28.288	30.00	PASS
41-41	15MHz-15MHz	256QAM-256QAM	40545-40695	75RB#0-75RB#0	28.271	30.30	PASS
41-41	15MHz-15MHz	256QAM-256QAM	41365-41515	75RB#0-75RB#0	28.296	30.06	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	32.594	35.28	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	32.537	35.42	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	32.583	35.42	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	32.572	34.30	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	32.54	34.30	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	32.539	34.30	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	32.483	34.37	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	32.46	34.37	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	32.451	34.37	PASS
41-41	15MHz-20MHz	256QAM-256QAM	39728-39899	75RB#0-100RB#0	32.566	34.37	PASS
41-41	15MHz-20MHz	256QAM-256QAM	40523-40694	75RB#0-100RB#0	32.523	34.30	PASS
41-41	15MHz-20MHz	256QAM-256QAM	41319-41490	75RB#0-100RB#0	32.53	34.37	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	32.628	35.49	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	32.617	35.49	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	32.696	35.70	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	32.579	34.86	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	32.578	34.37	PASS

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41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	32.586	34.37	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	32.556	35.42	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	32.543	35.28	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	32.549	35.56	PASS
41-41	20MHz-15MHz	256QAM-256QAM	39750-39921	100RB#0-75RB#0	32.589	34.72	PASS
41-41	20MHz-15MHz	256QAM-256QAM	40546-40717	100RB#0-75RB#0	32.573	34.79	PASS
41-41	20MHz-15MHz	256QAM-256QAM	41341-41512	100RB#0-75RB#0	32.585	34.93	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	37.762	42.24	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	37.834	44.24	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	37.792	43.84	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	37.709	40.80	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	37.674	41.04	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	37.684	41.04	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	37.661	42.40	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	37.658	41.84	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	37.629	42.16	PASS
41-41	20MHz-20MHz	256QAM-256QAM	39750-39948	100RB#0-100RB#0	37.706	41.44	PASS
41-41	20MHz-20MHz	256QAM-256QAM	40521-40719	100RB#0-100RB#0	37.715	41.84	PASS
41-41	20MHz-20MHz	256QAM-256QAM	41292-41490	100RB#0-100RB#0	37.696	41.68	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	23.319	31.25	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	22.95	25.25	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	22.951	25.35	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	22.973	32.30	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	22.873	24.35	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	22.882	24.40	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	23.165	33.80	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	22.869	25.10	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	22.896	25.25	PASS
41-41	20MHz-5MHz	256QAM-256QAM	39750-39867	100RB#0-25RB#0	23.099	33.10	PASS
41-41	20MHz-5MHz	256QAM-256QAM	40595-40712	100RB#0-25RB#0	22.96	24.50	PASS
41-41	20MHz-5MHz	256QAM-256QAM	41440-41557	100RB#0-25RB#0	22.986	24.55	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	22.985	25.45	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	22.956	25.65	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	22.979	25.85	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	22.888	24.30	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	22.907	25.30	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	22.918	25.45	PASS

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41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	22.846	24.60	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	22.831	25.15	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	22.836	25.15	PASS
41-41	5MHz-20MHz	256QAM-256QAM	39683-39800	25RB#0-100RB#0	22.936	25.45	PASS
41-41	5MHz-20MHz	256QAM-256QAM	40528-40645	25RB#0-100RB#0	22.884	25.60	PASS
41-41	5MHz-20MHz	256QAM-256QAM	41373-41490	25RB#0-100RB#0	22.881	25.45	PASS

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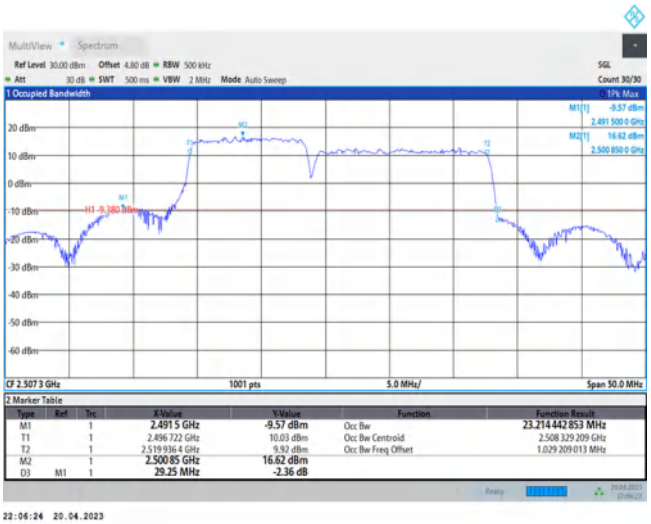
Test Graphs

41-41-10MHz-15MHz-QPSK-QPSK-39703-39823-50RB#0-75RB#0



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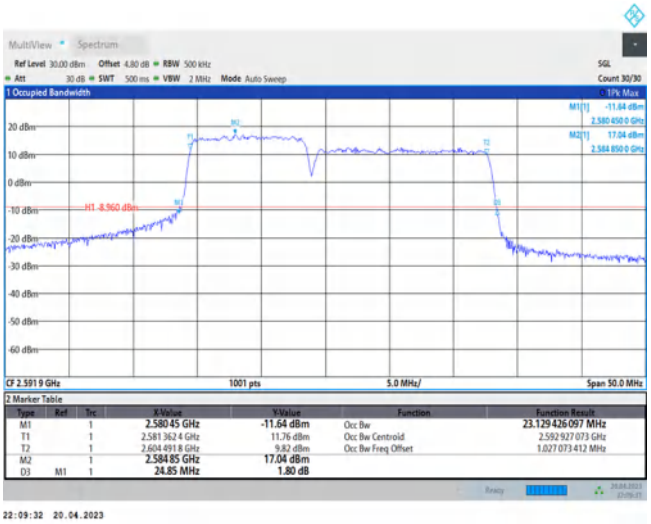

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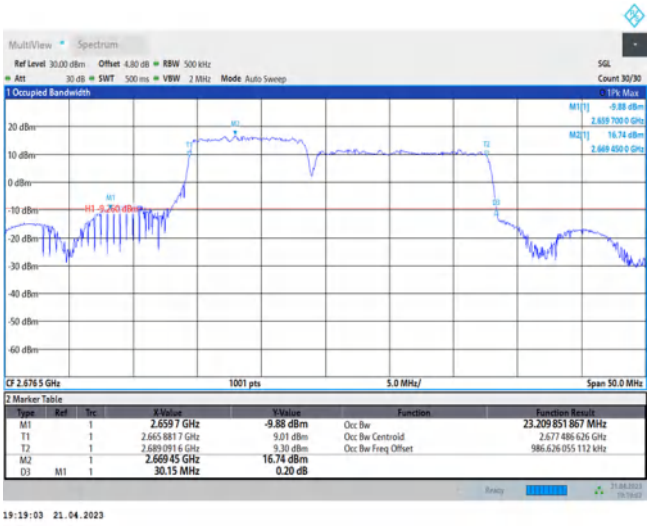

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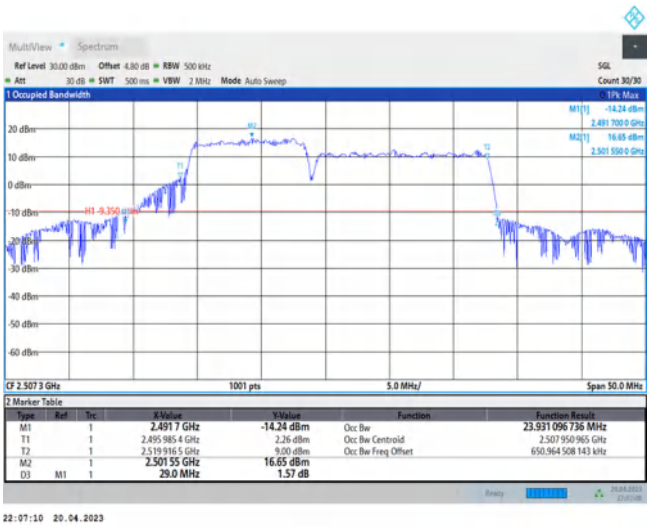

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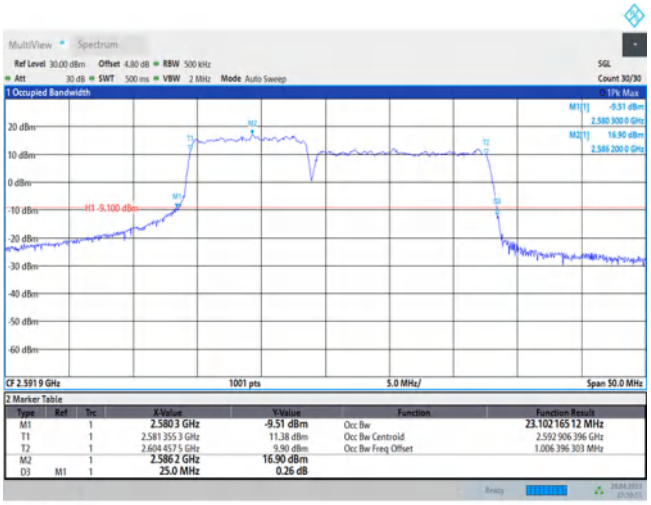
41-41-10MHz-15MHz-16QAM-16QAM-40549-40669-50RB#0-75RB#0



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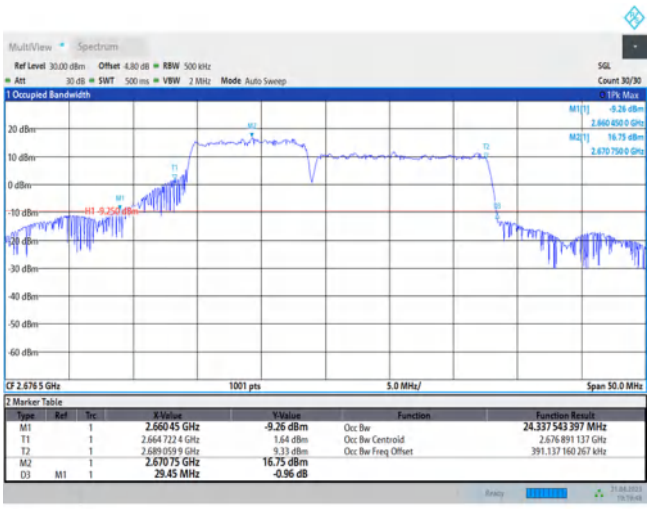

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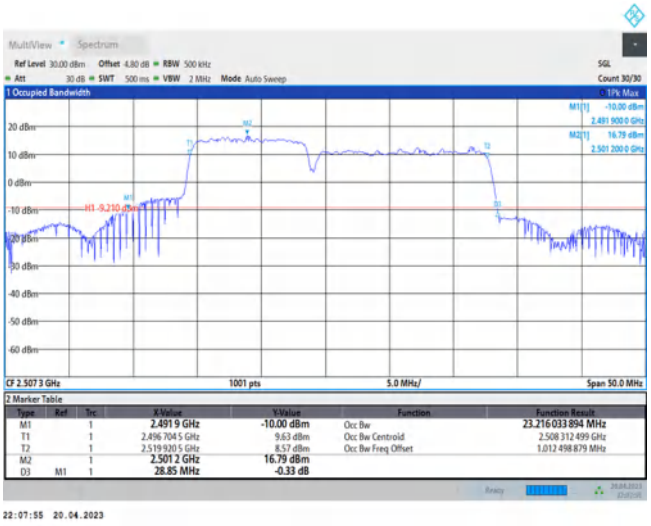
41-41-10MHz-15MHz-64QAM-64QAM-39703-39823-50RB#0-75RB#0



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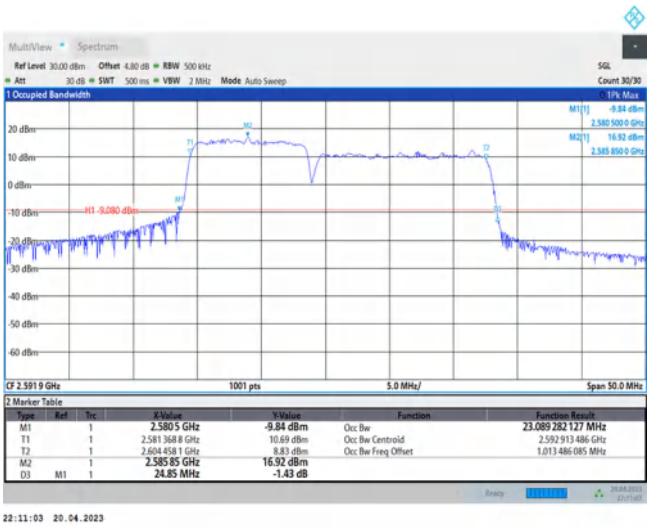

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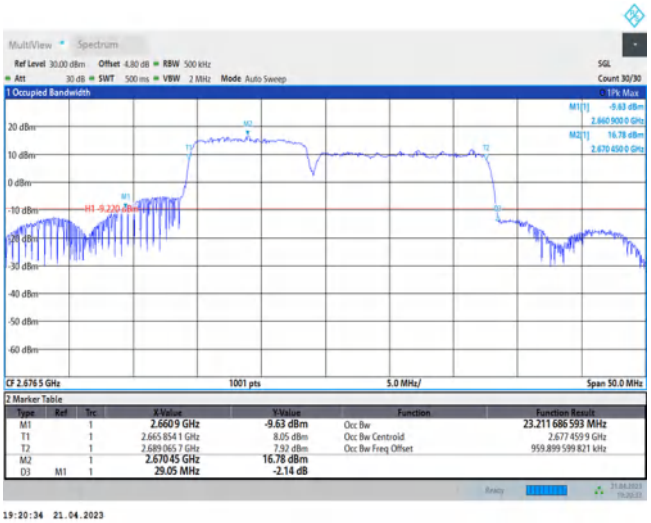

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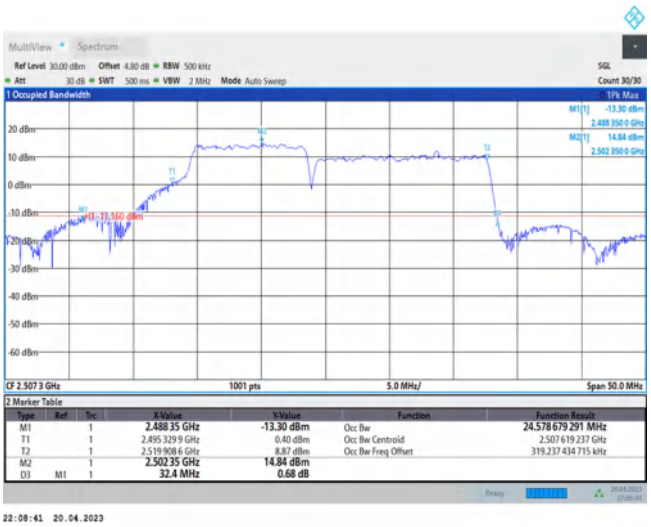

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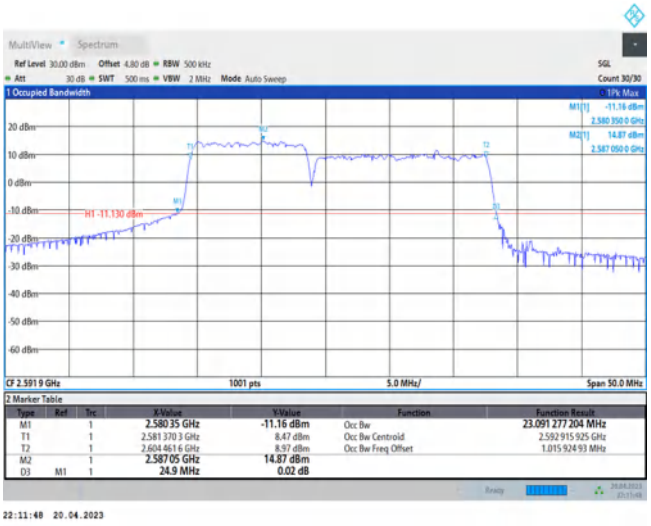

41-41-10MHz-15MHz-256QAM-256QAM-41395-41515-50RB#0-75RB#0

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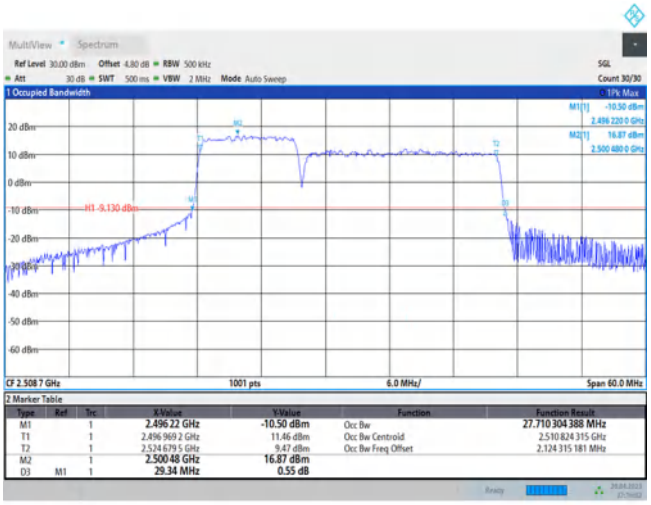

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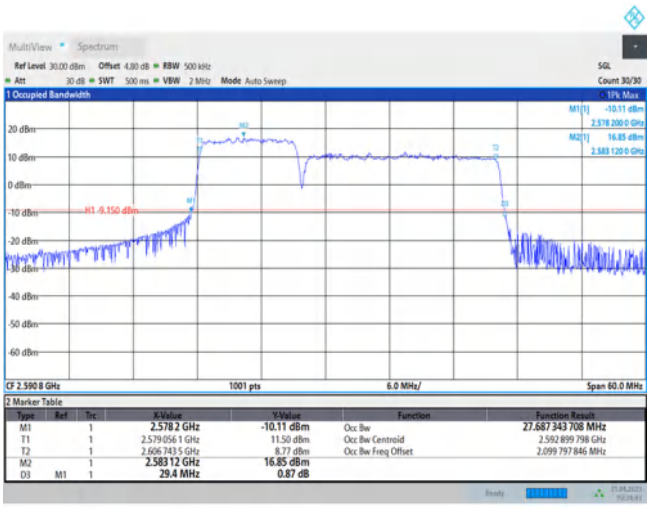

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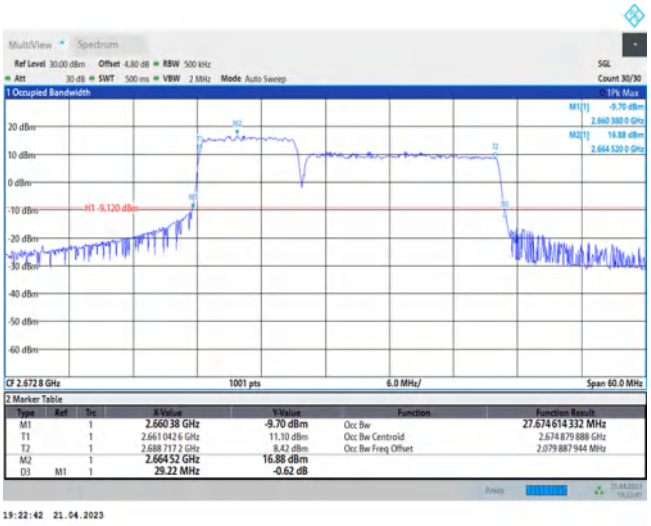

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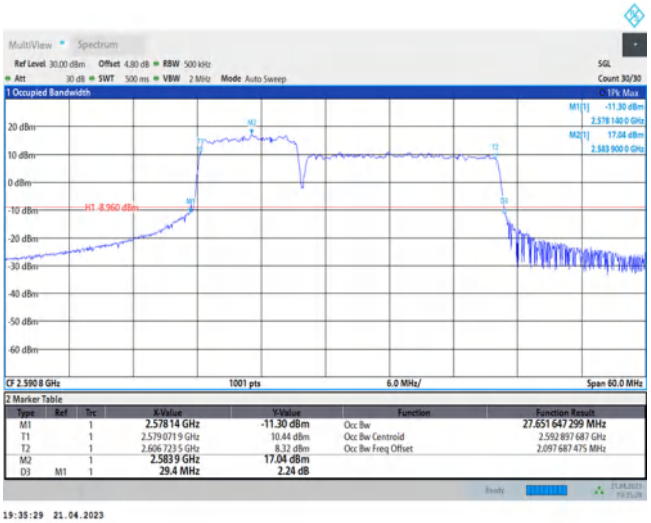

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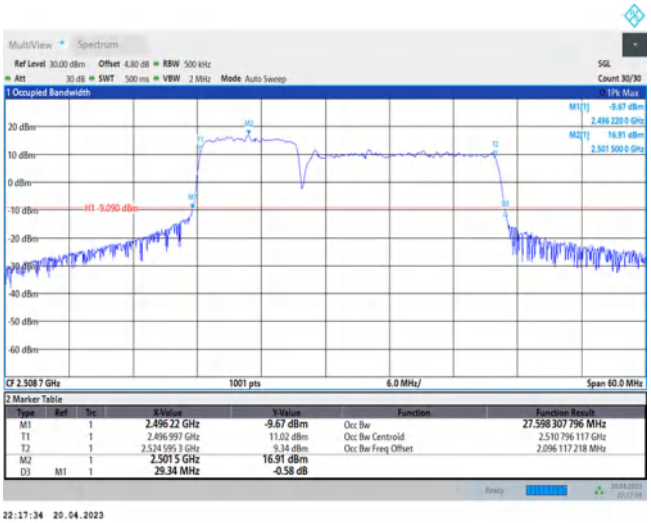

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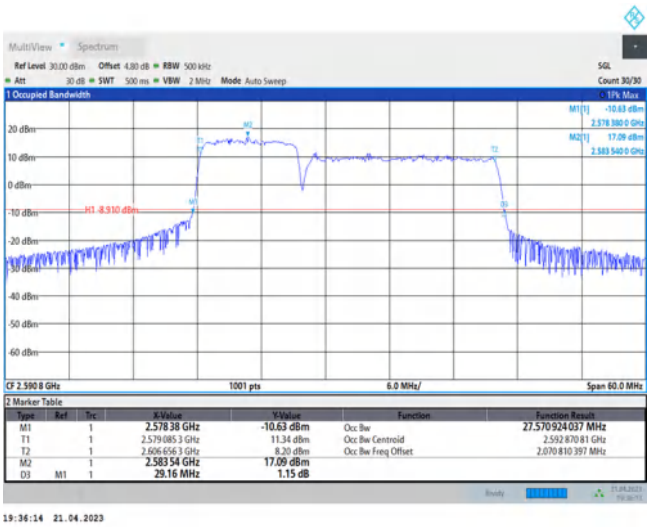

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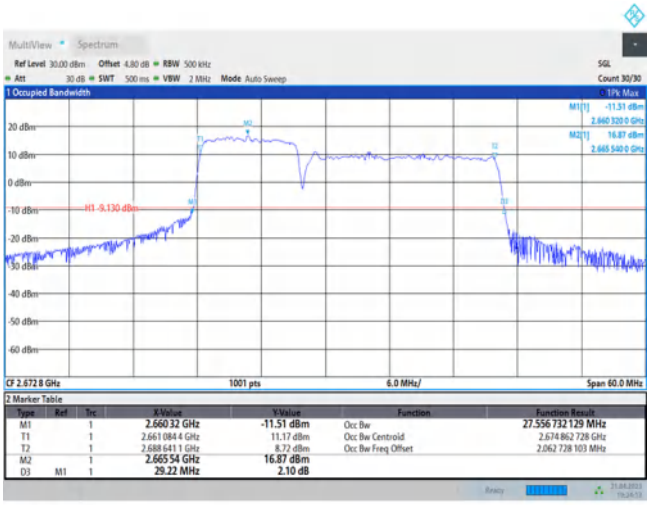

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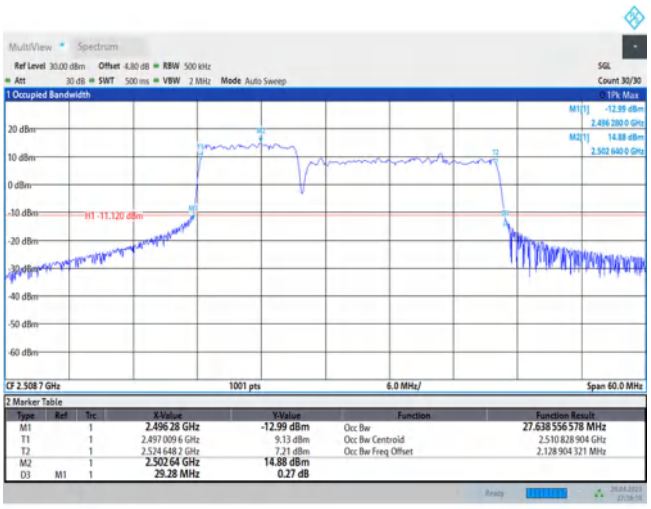

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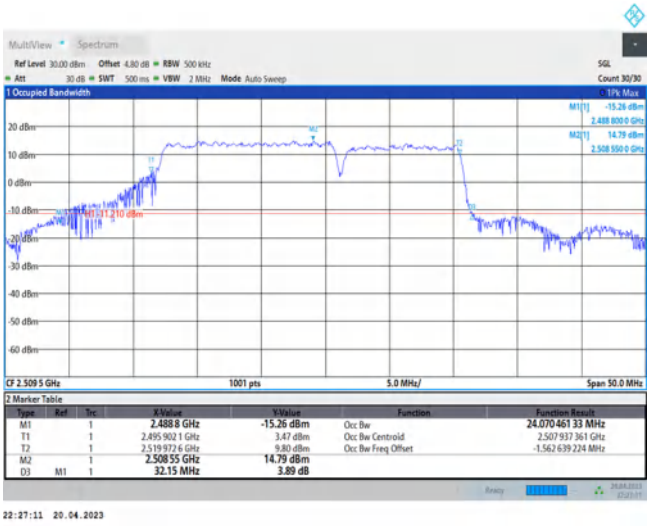
41-41-15MHz-10MHz-QPSK-QPSK-39725-39845-75RB#0-50RB#0



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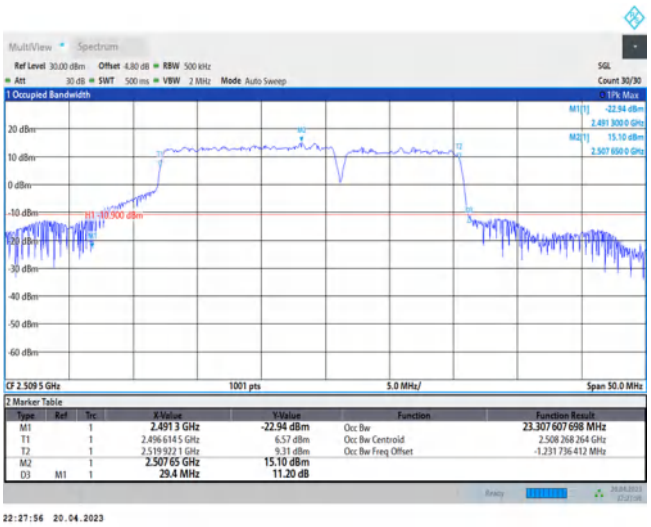

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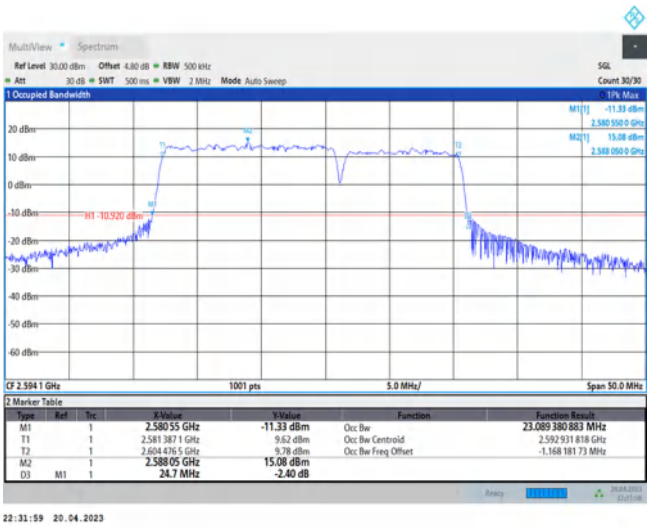

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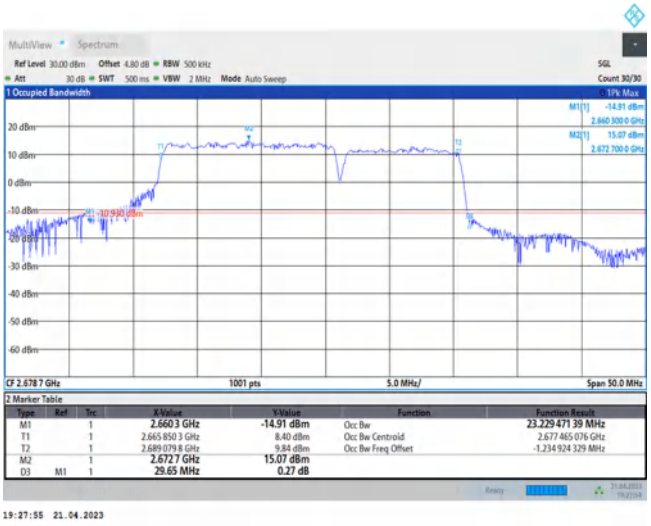

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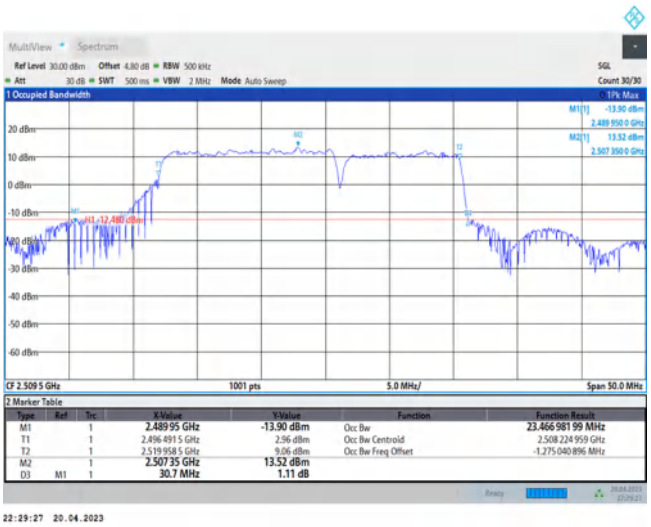

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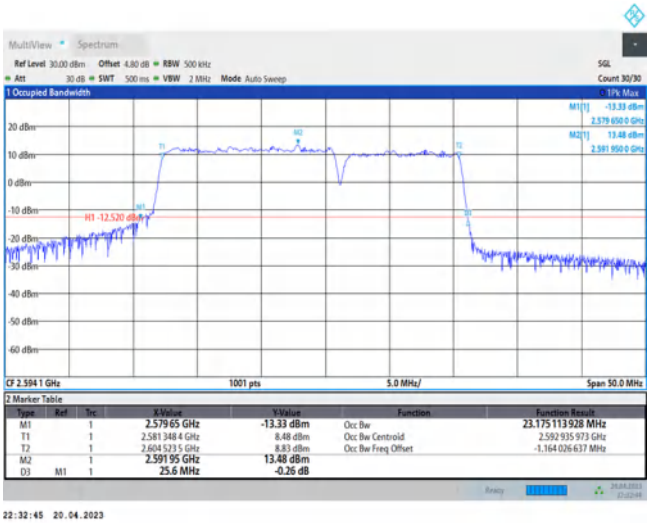

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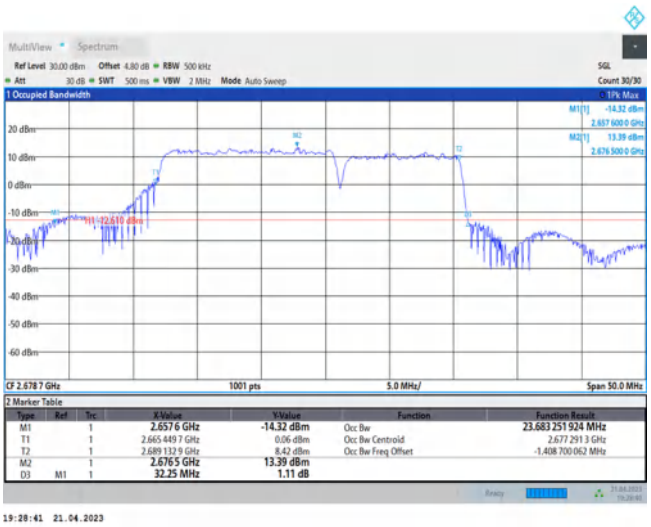

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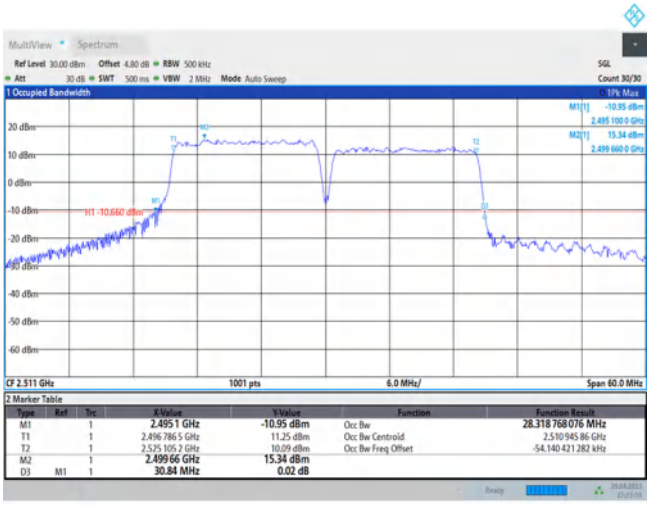

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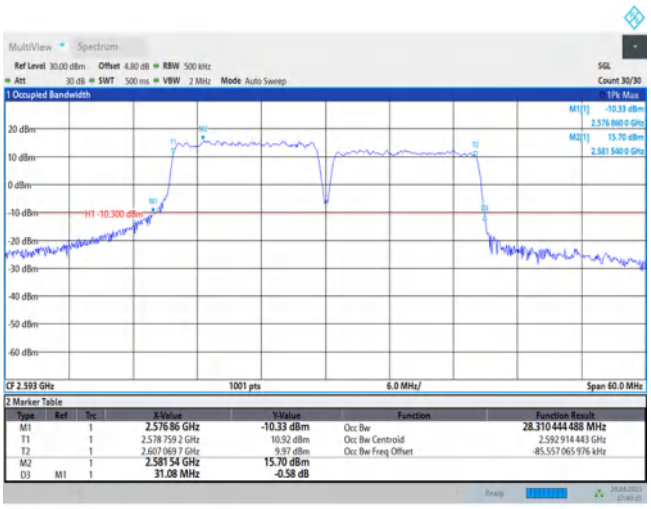

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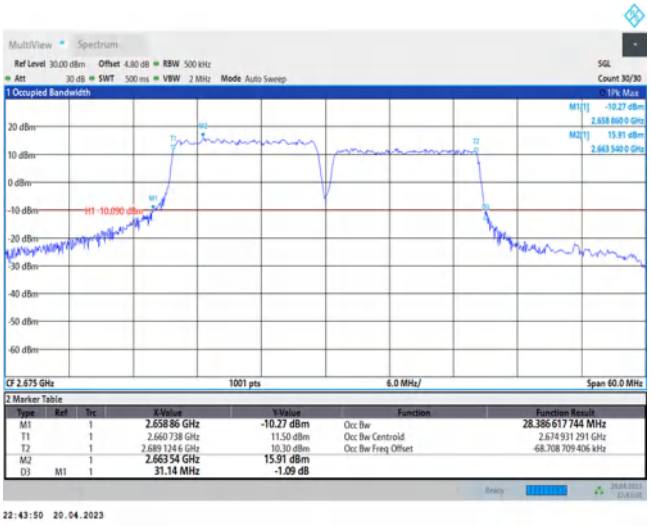

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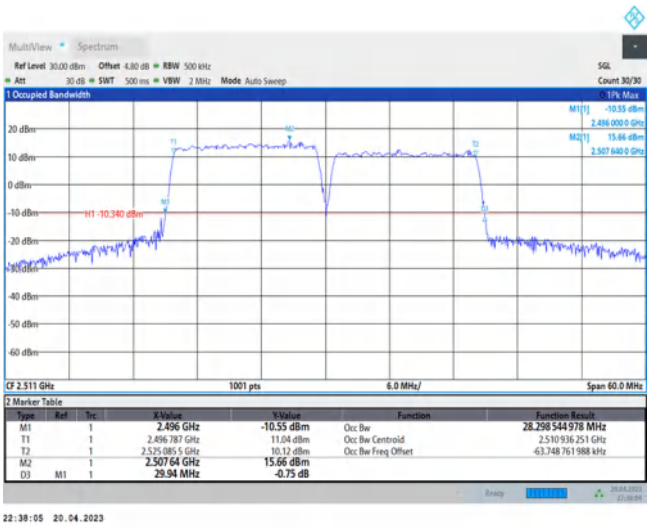

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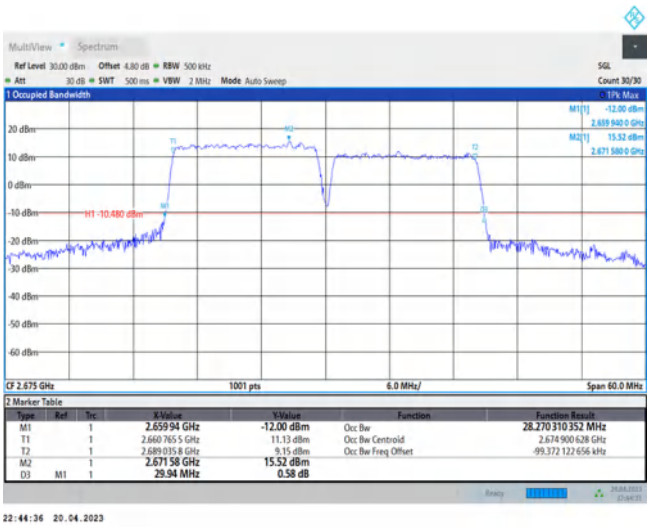

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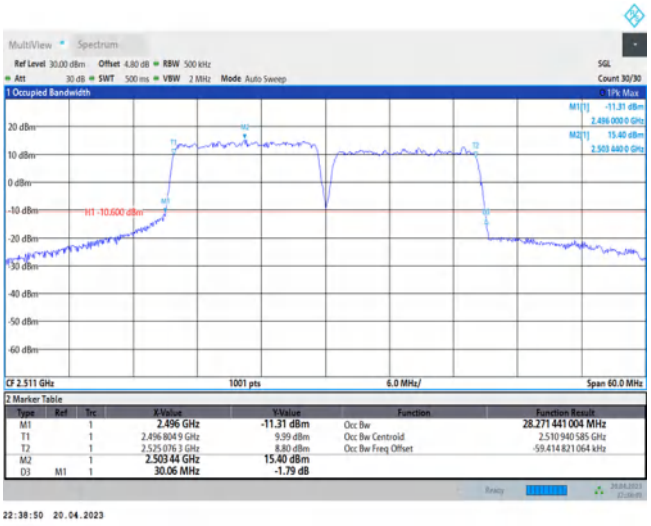

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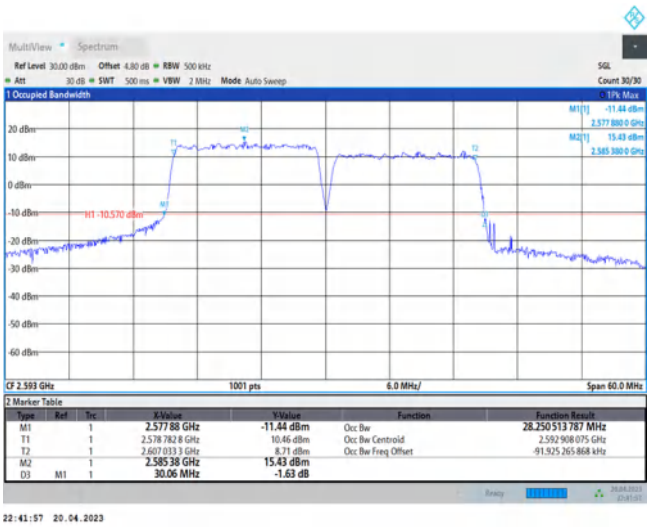

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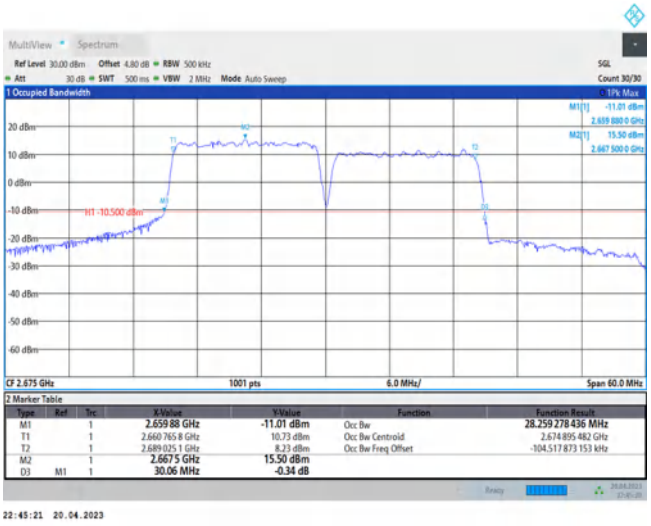

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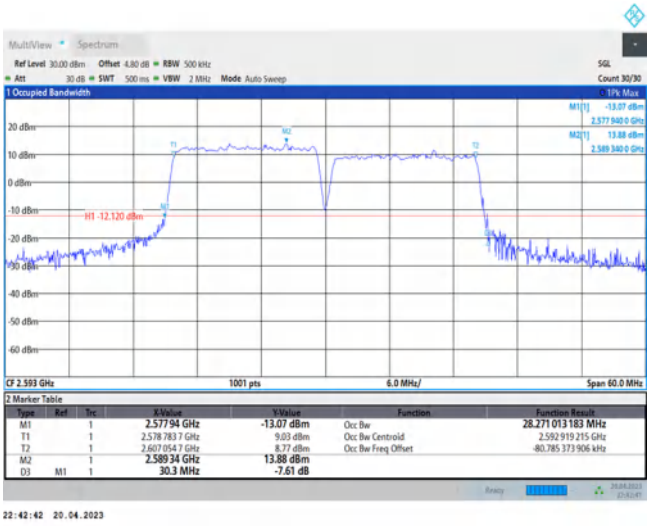

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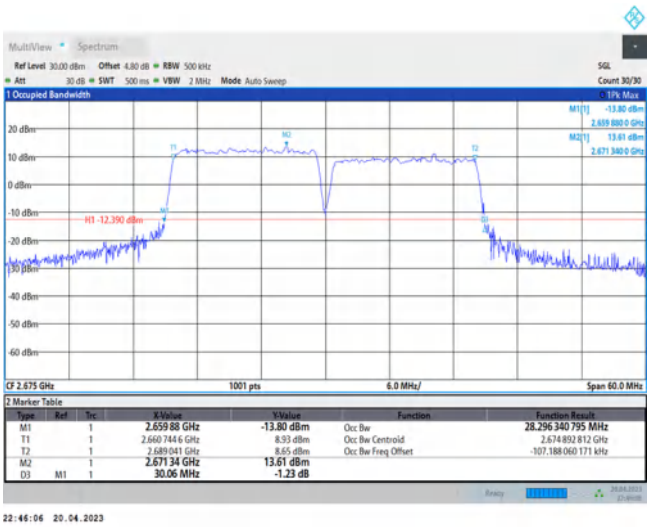

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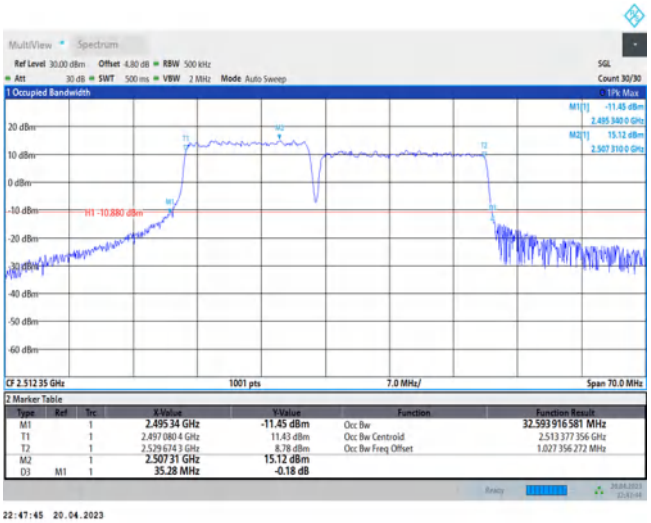

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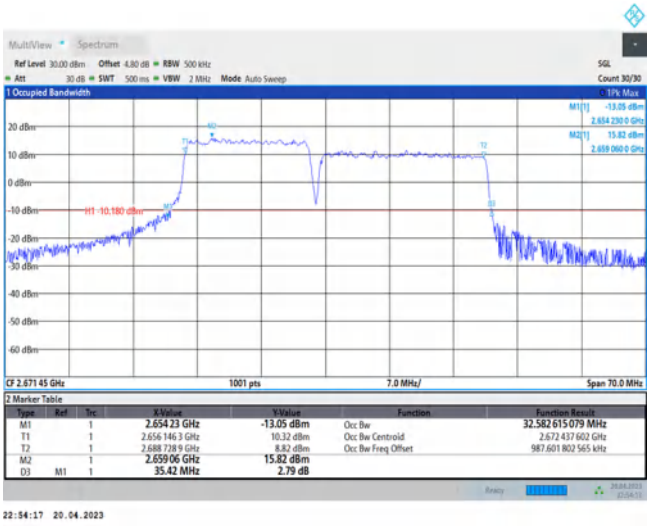

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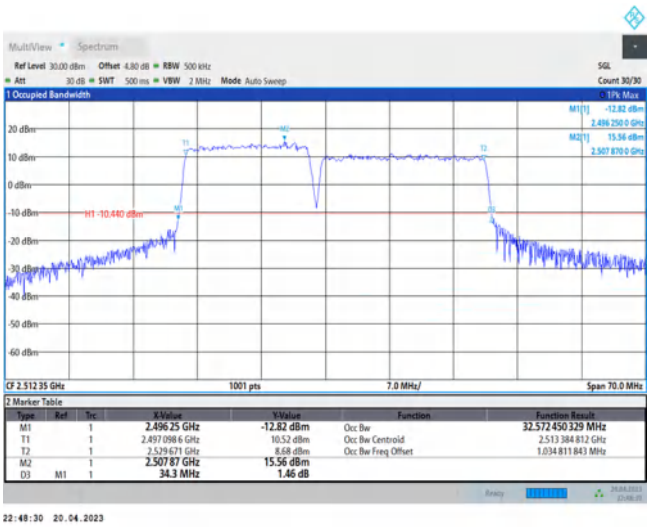

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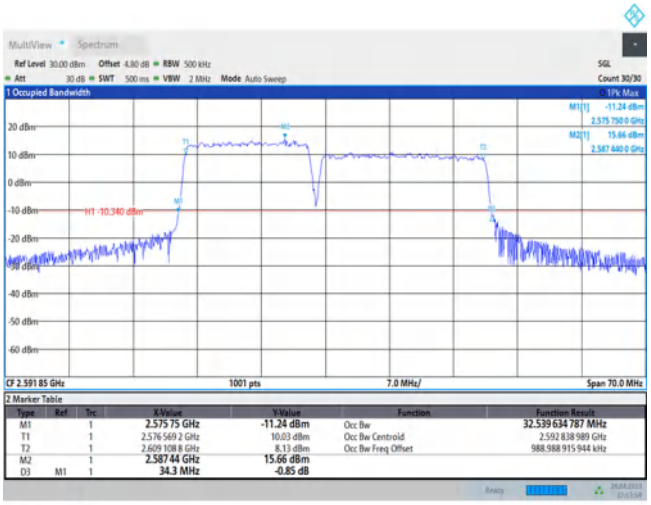

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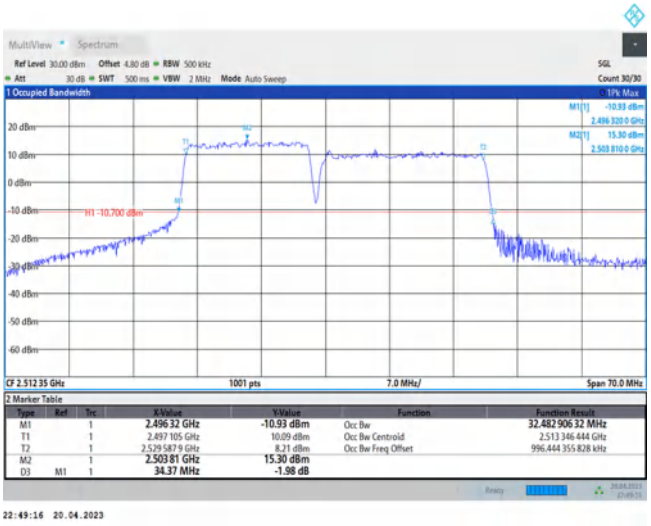

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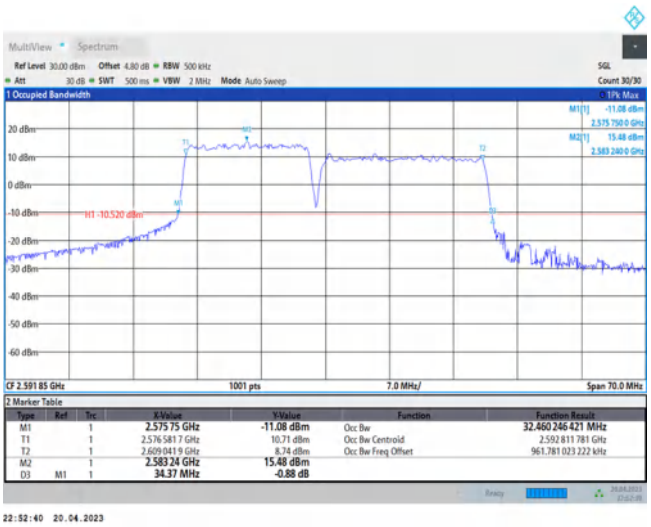

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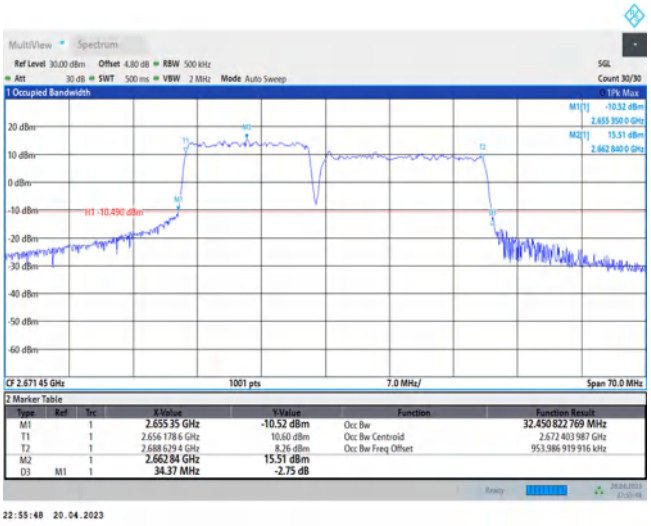
41-41-15MHz-20MHz-64QAM-64QAM-41319-41490-75RB#0-100RB#0



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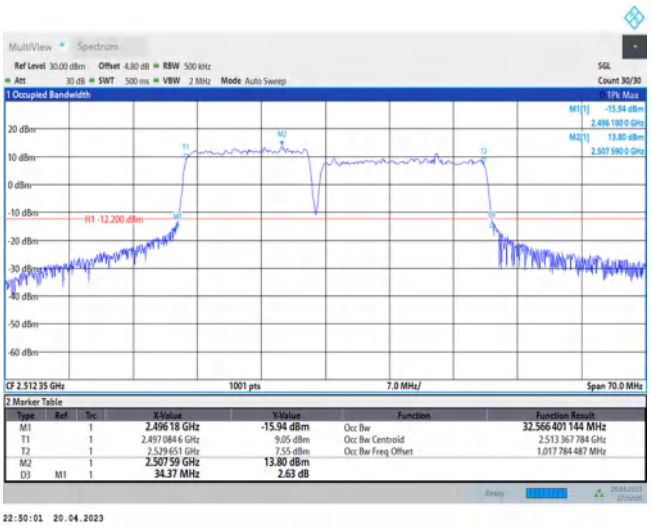

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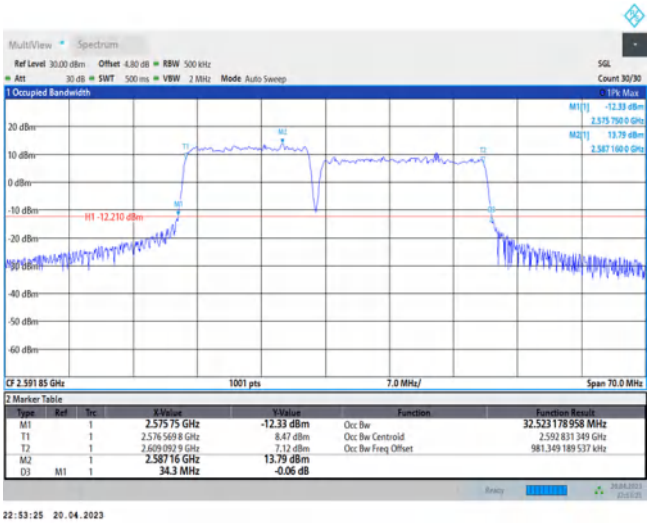

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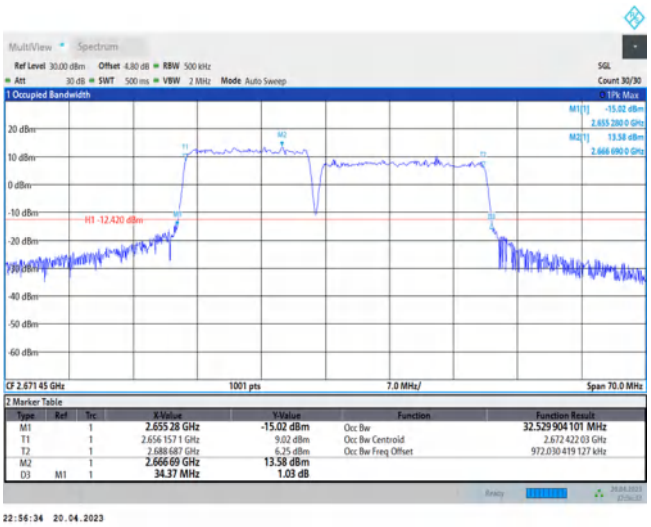

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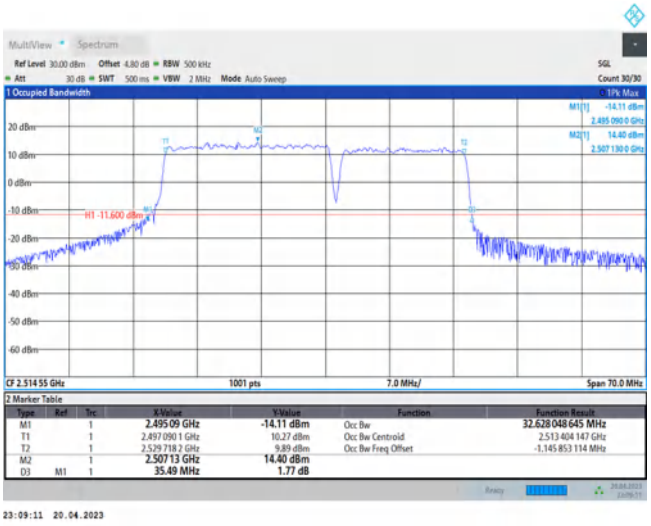

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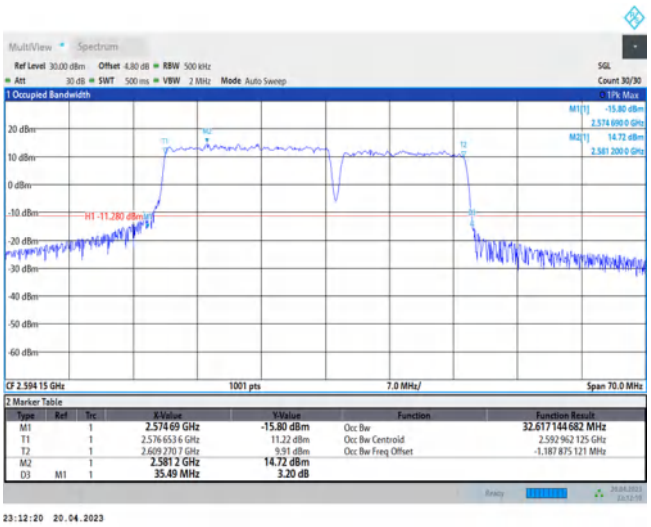

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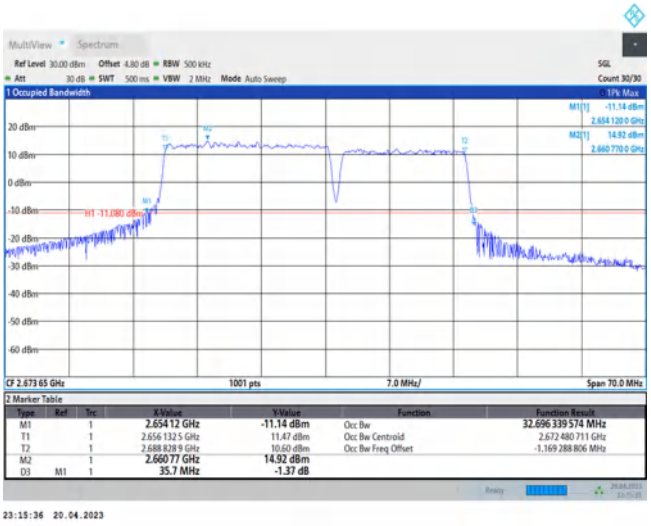

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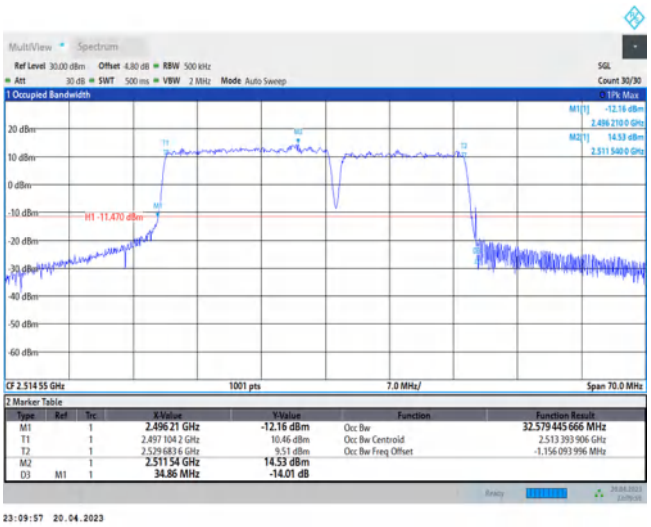

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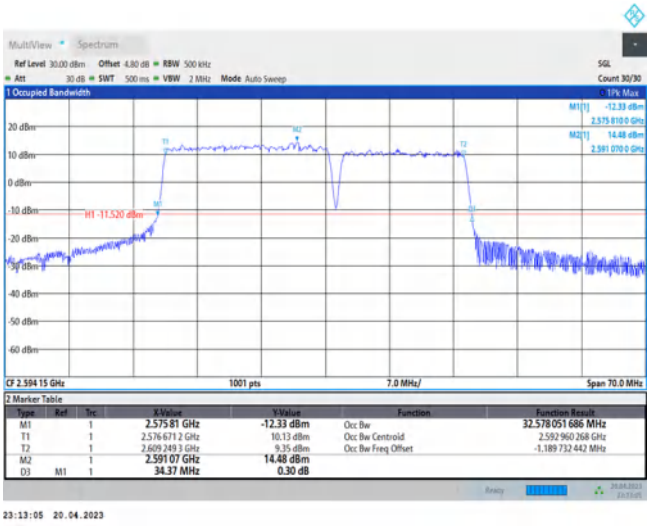

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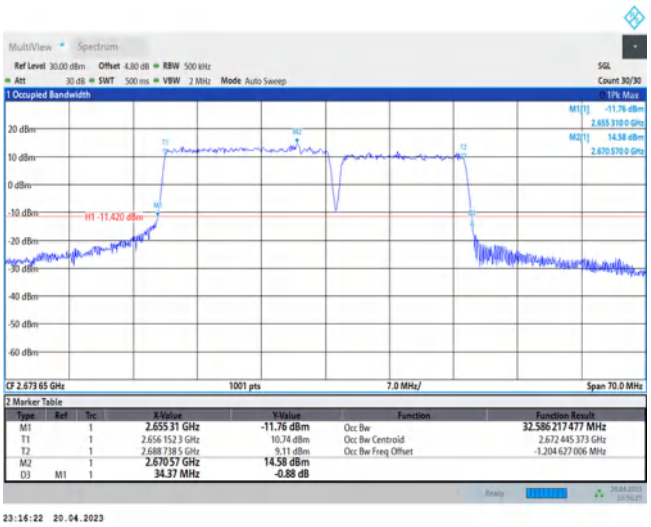

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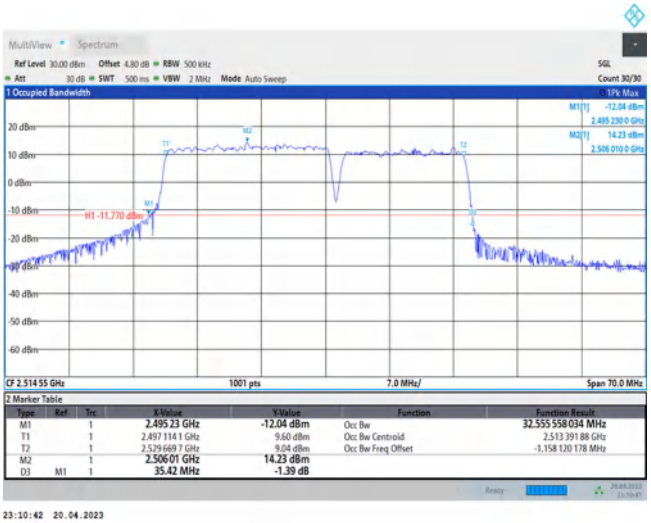

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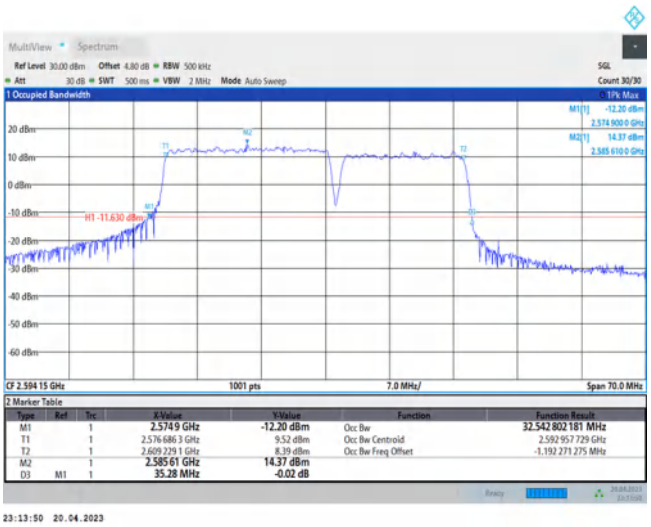

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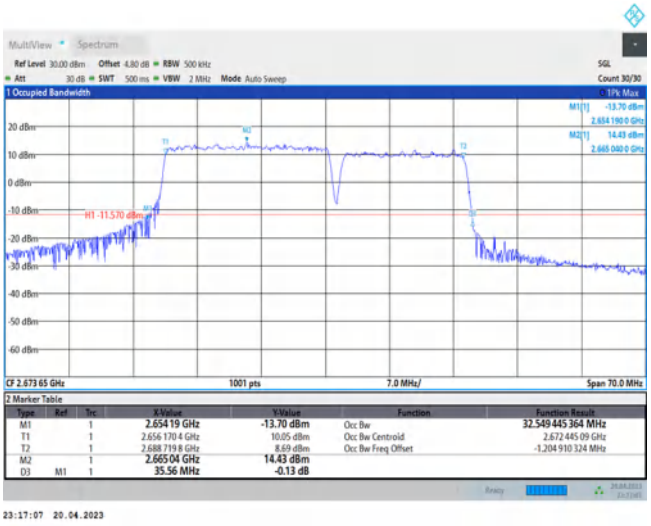

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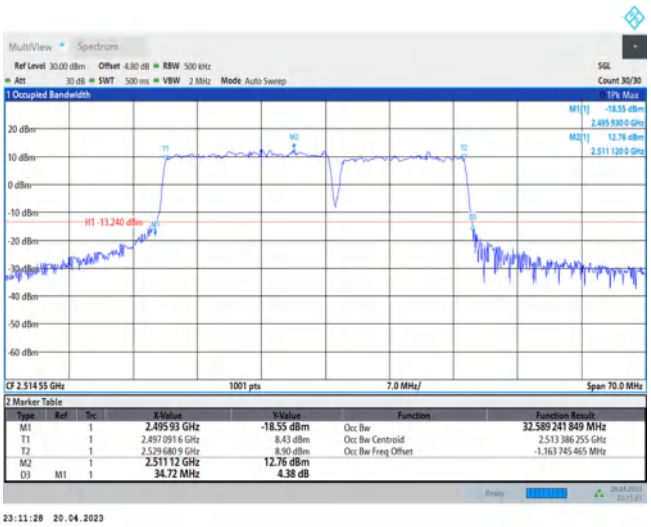

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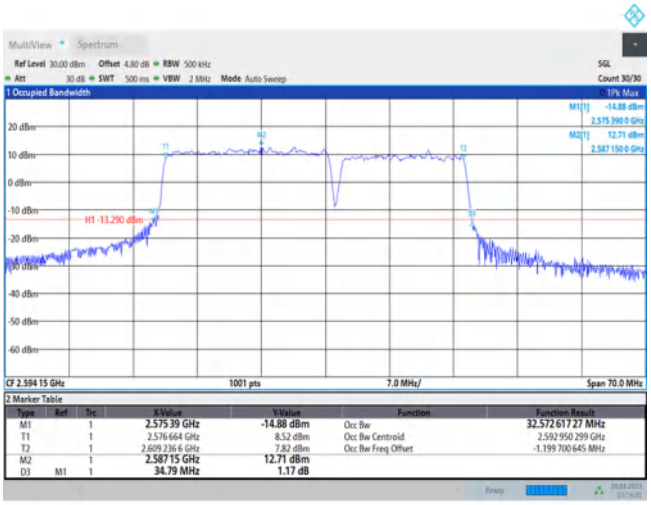

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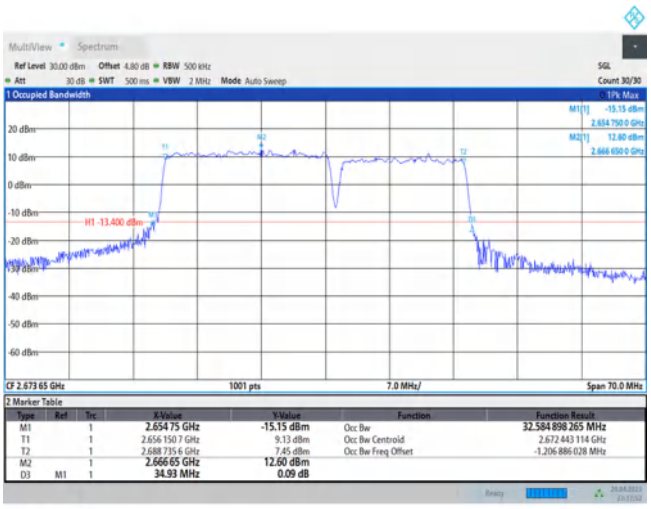

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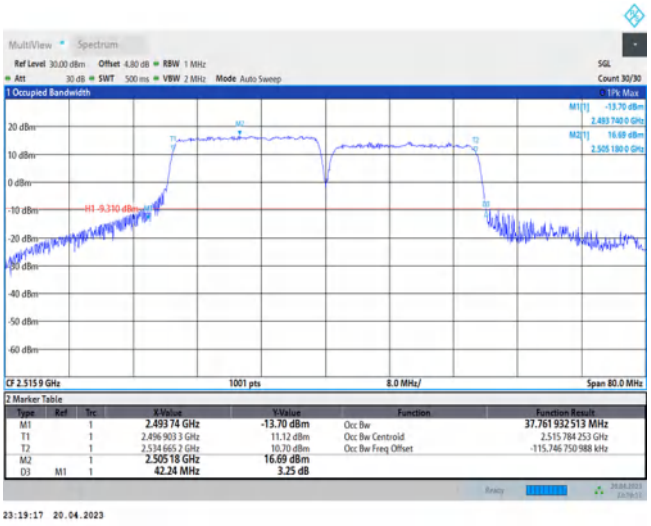

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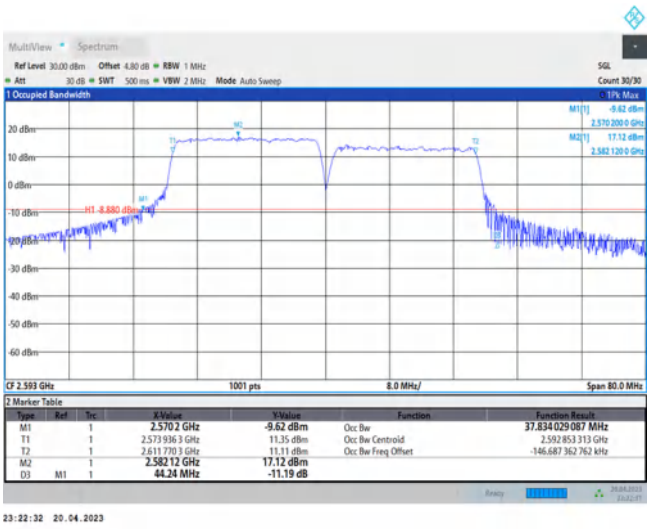

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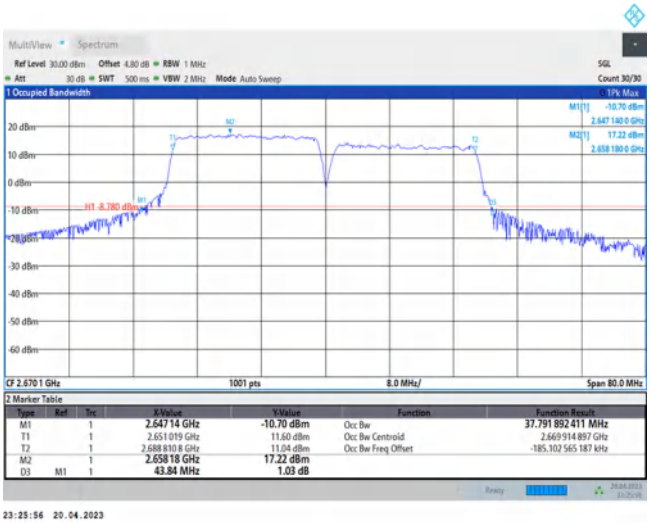

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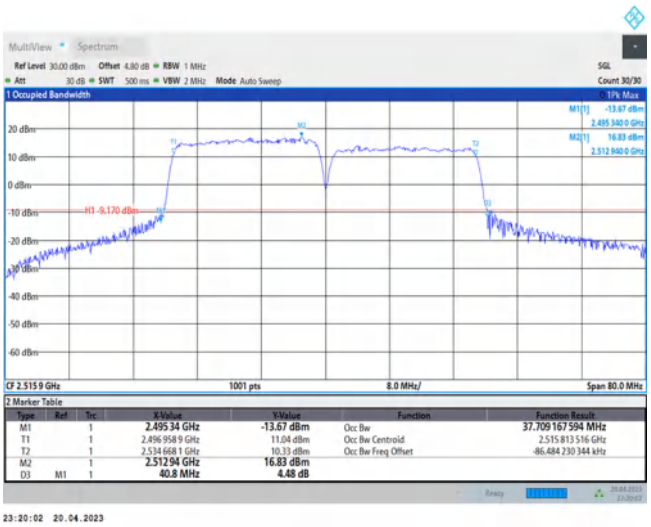

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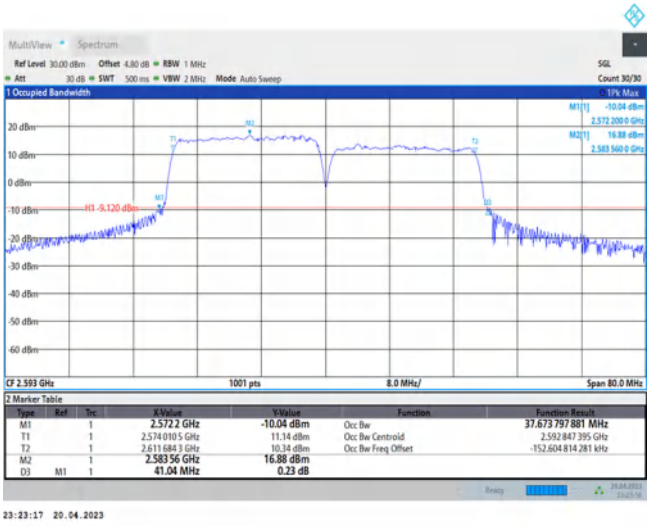

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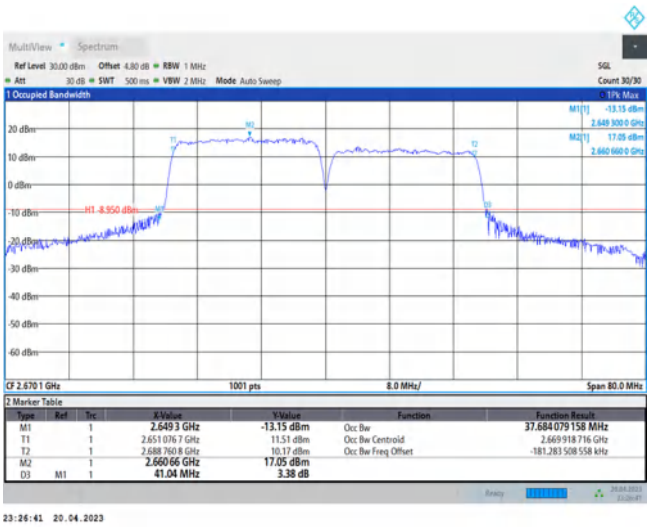

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41-41-20MHz-20MHz-64QAM-64QAM-39750-39948-100RB#0-100RB#0

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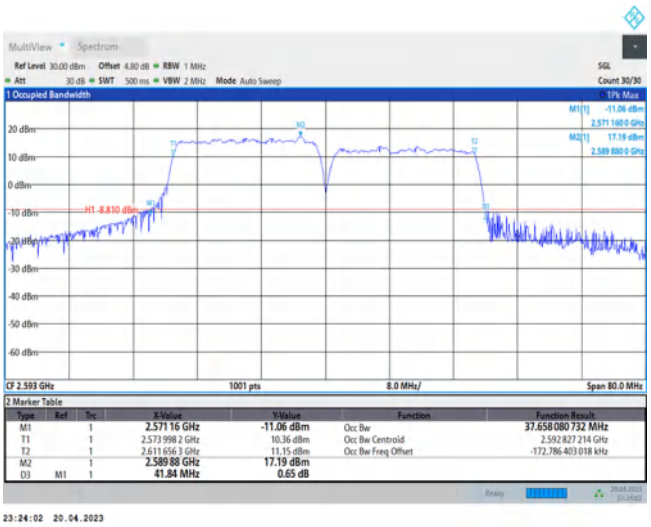

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41-41-20MHz-20MHz-256QAM-256QAM-39750-39948-100RB#0-100RB#0

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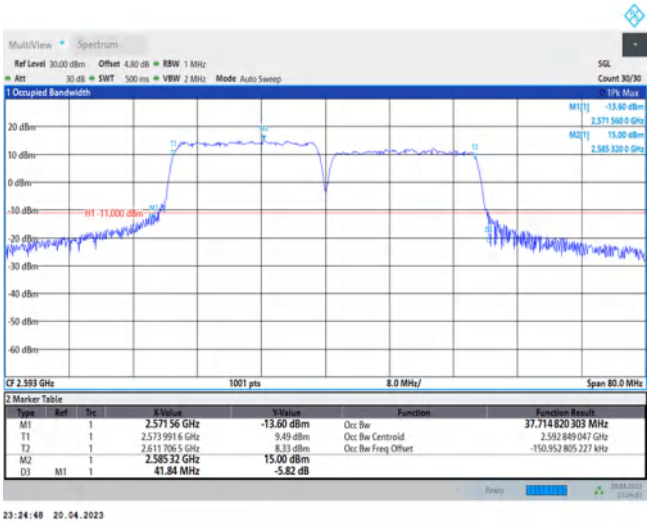

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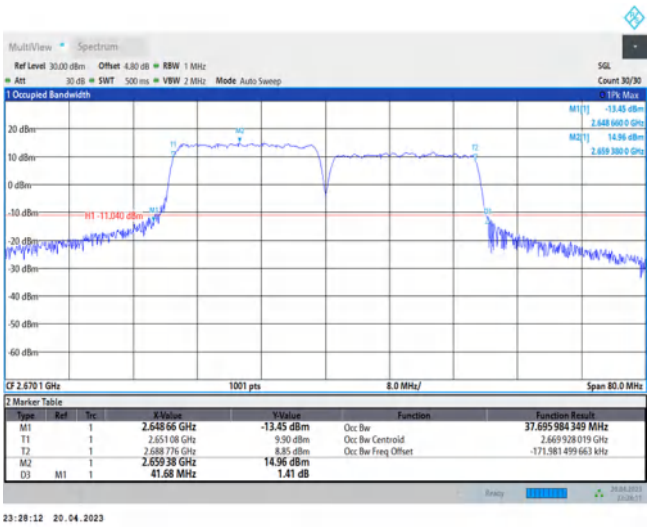

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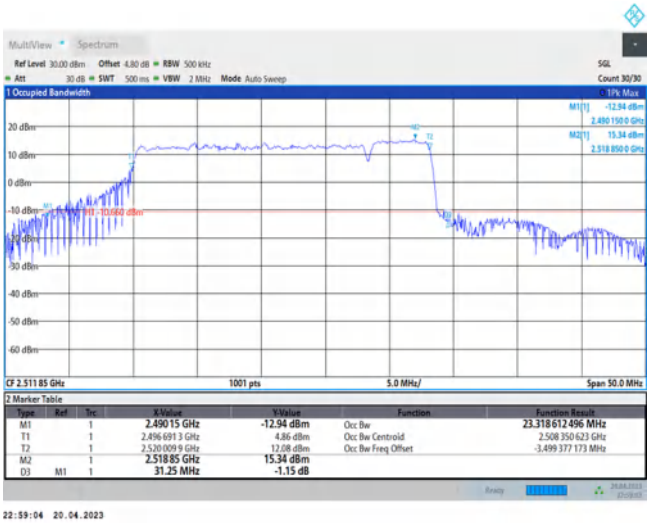

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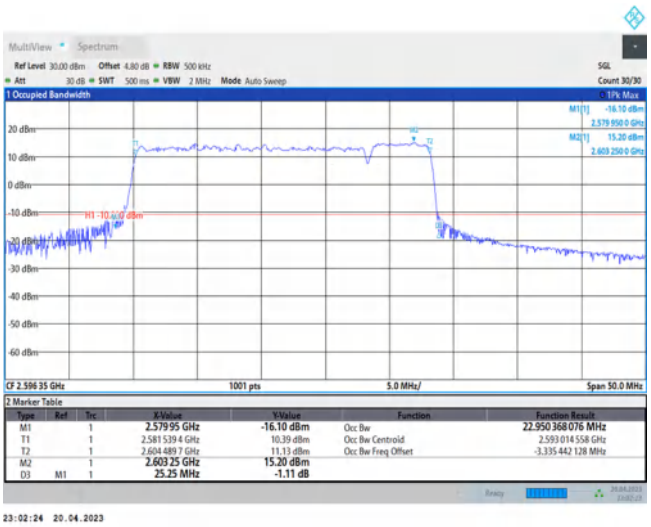

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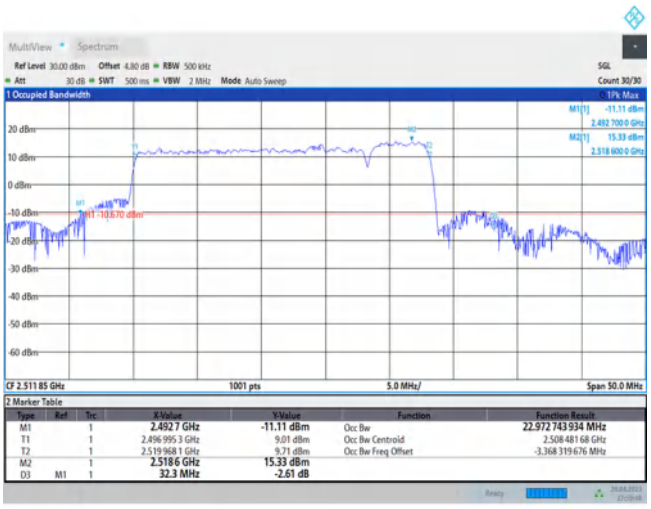

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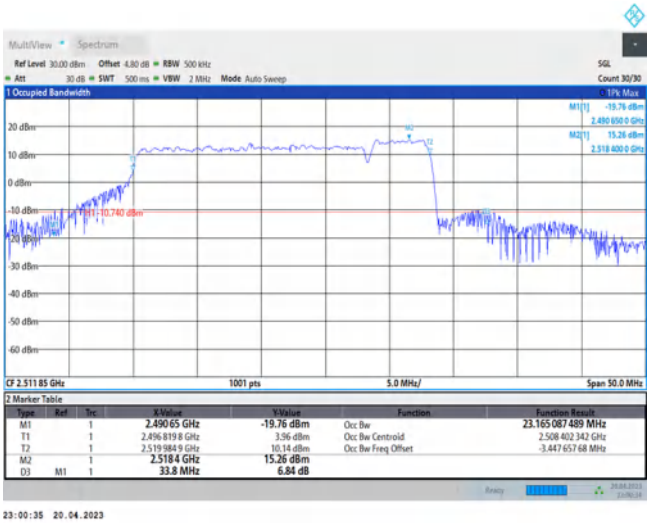

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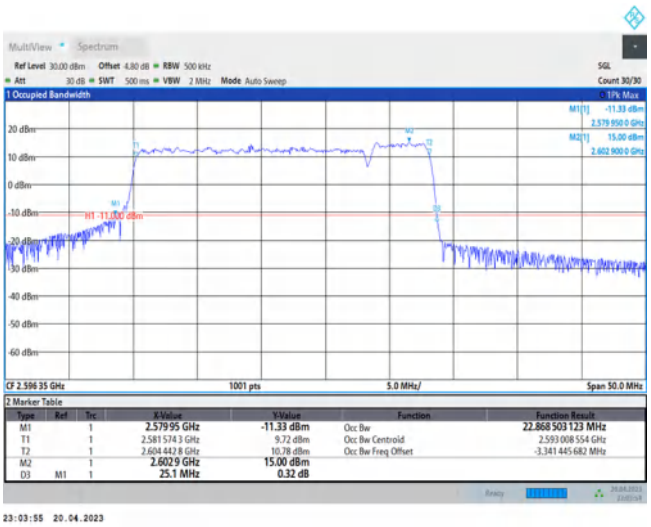

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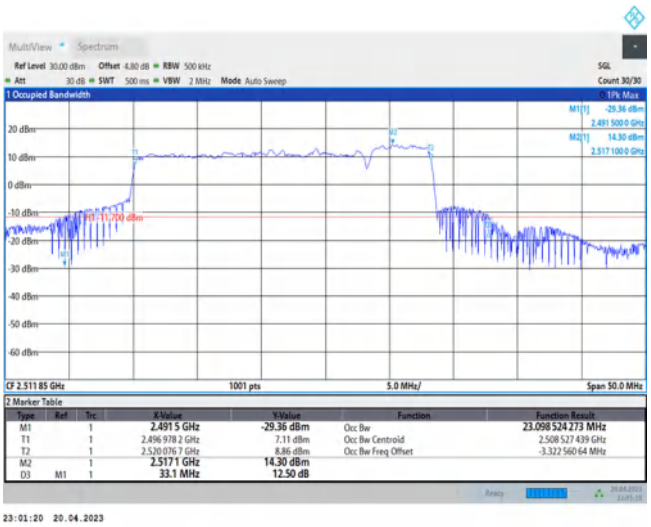

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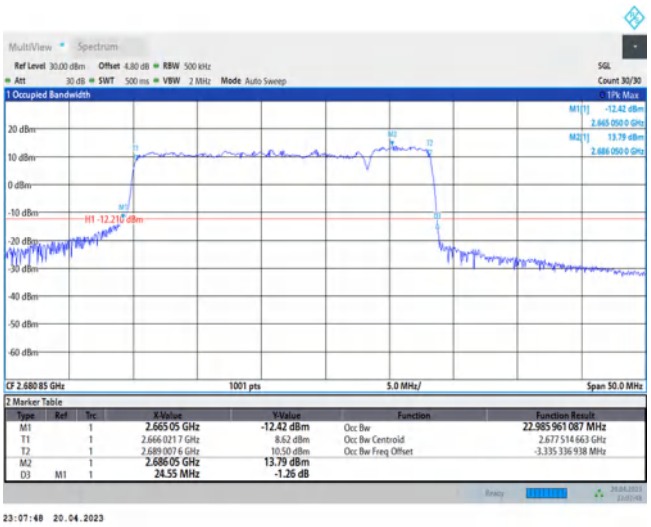

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41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-25RB#0-100RB#0

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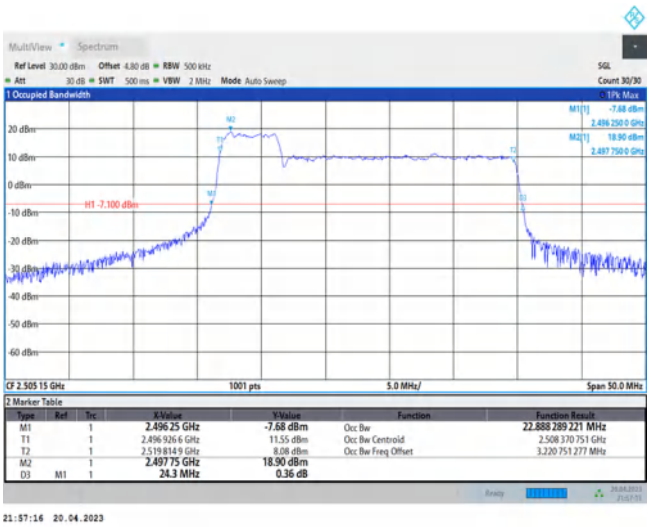

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41-41-5MHz-20MHz-16QAM-16QAM-40528-40645-25RB#0-100RB#0

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41-41-5MHz-20MHz-64QAM-64QAM-39683-39800-25RB#0-100RB#0

41-41-5MHz-20MHz-64QAM-64QAM-40528-40645-25RB#0-100RB#0

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41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0

41-41-5MHz-20MHz-256QAM-256QAM-39683-39800-25RB#0-100RB#0

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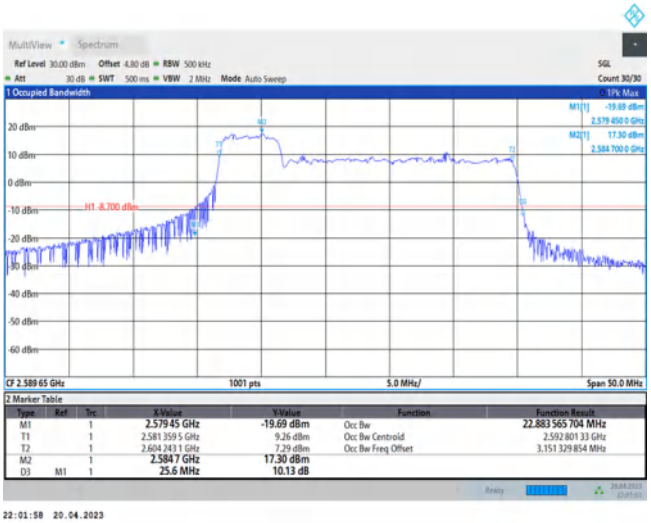
41-41-5MHz-20MHz-256QAM-256QAM-40528-40645-25RB#0-100RB#0



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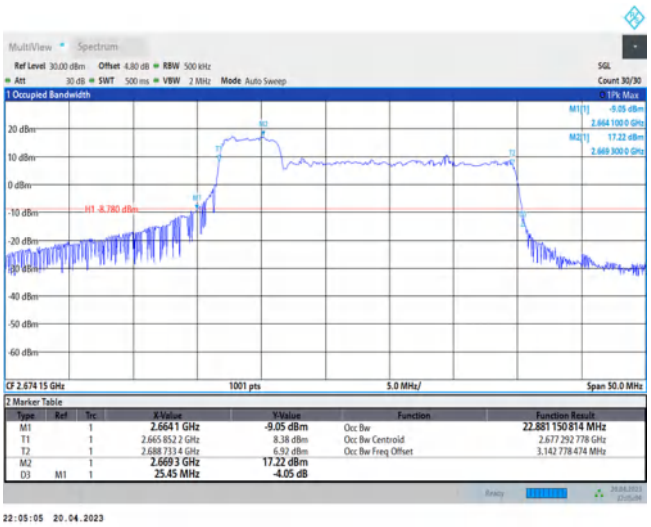

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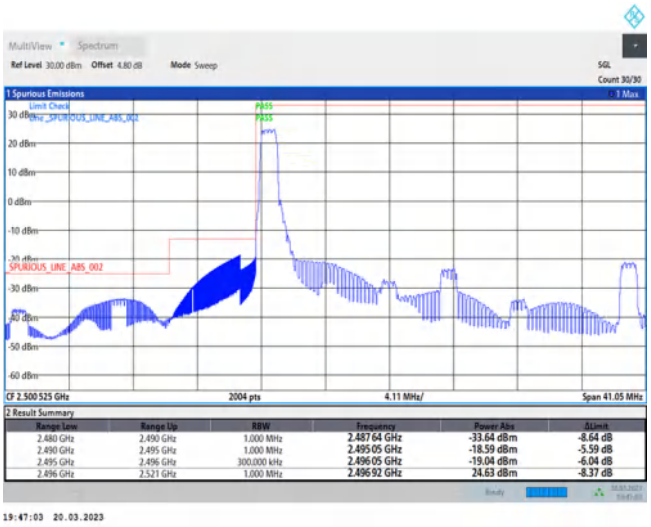
Band Edge

Test Graphs

41-41-10MHz-15MHz-QPSK-QPSK-39703-39823-1RB#0-0RB#0



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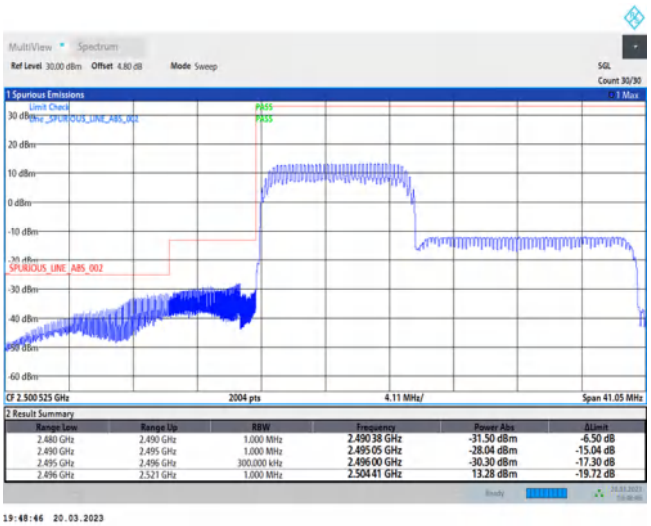

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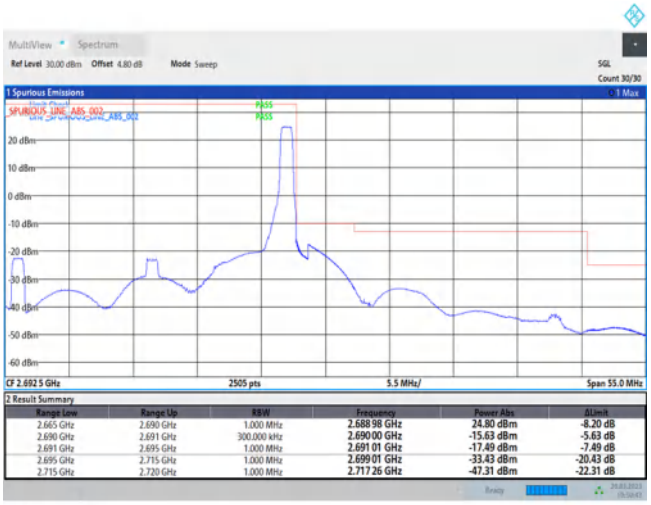

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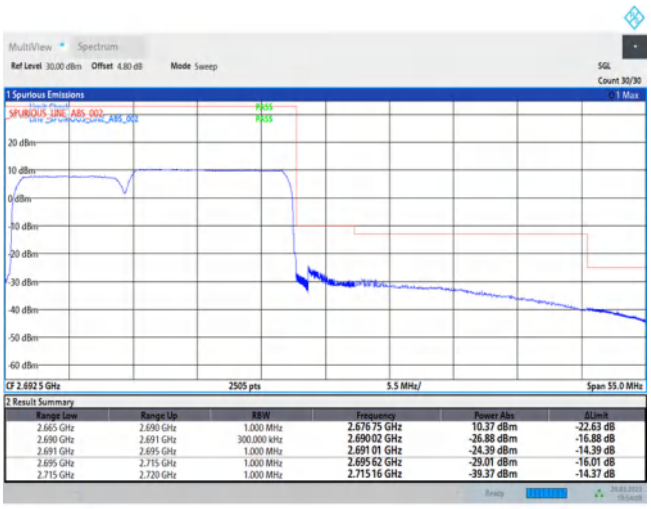

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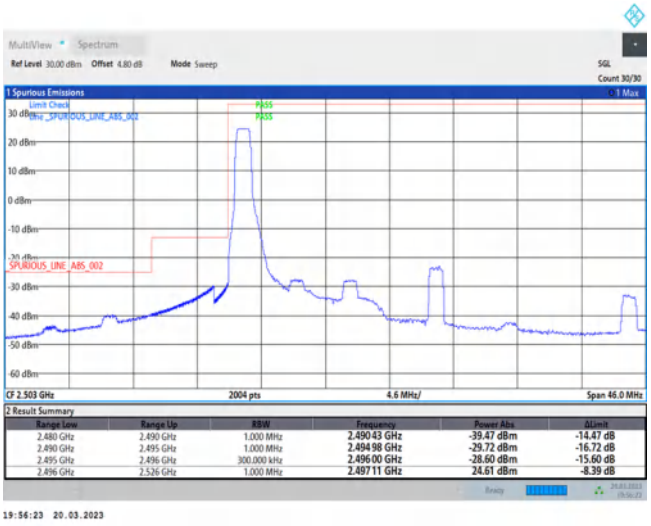

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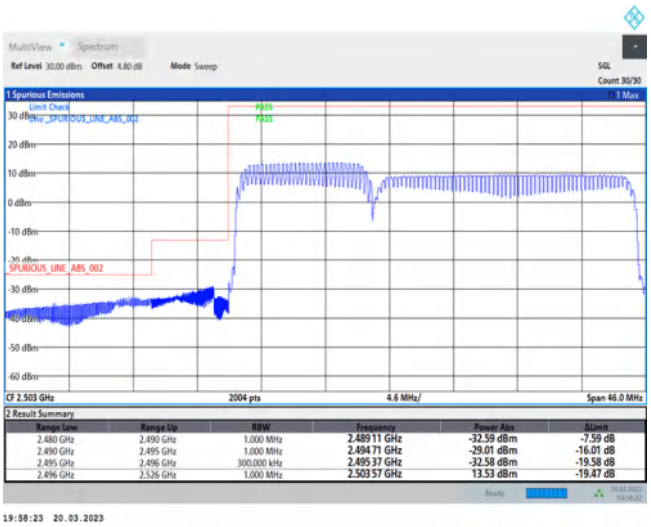

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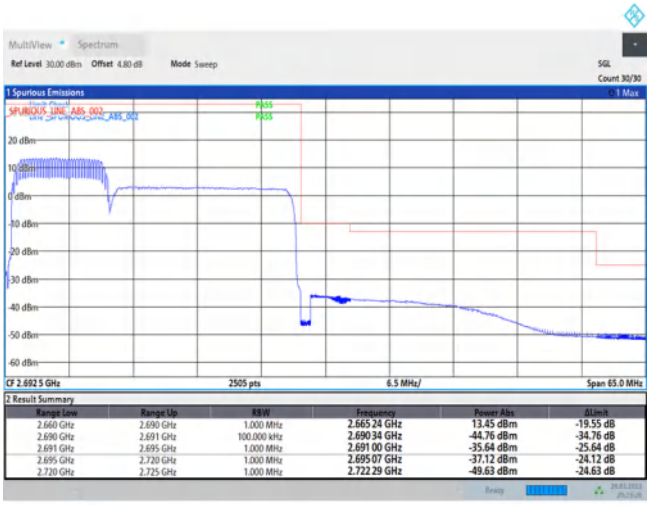

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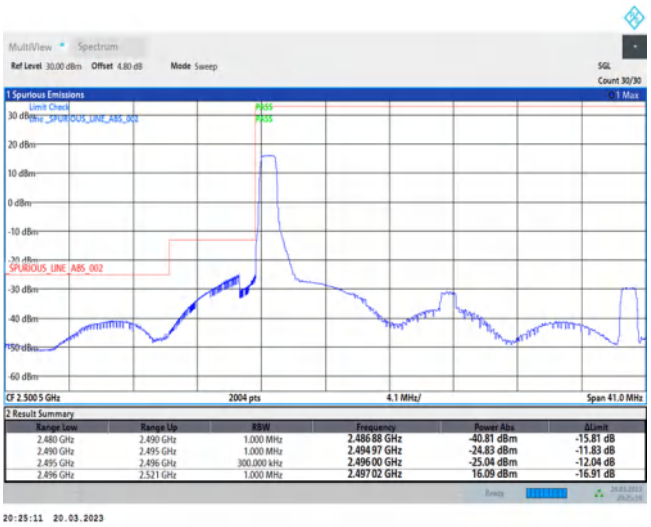

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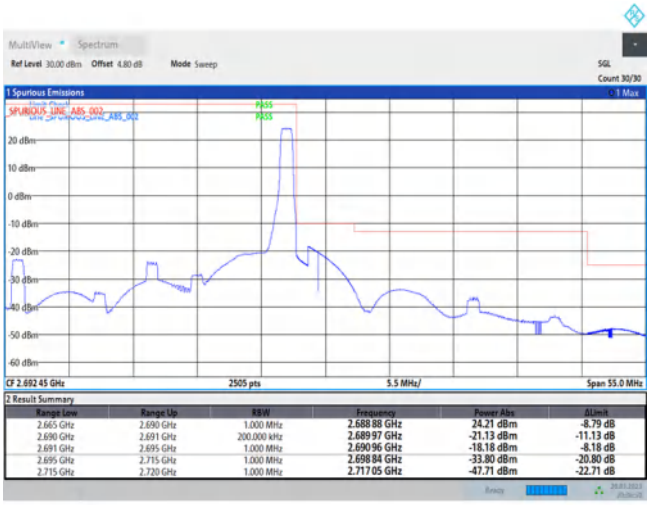

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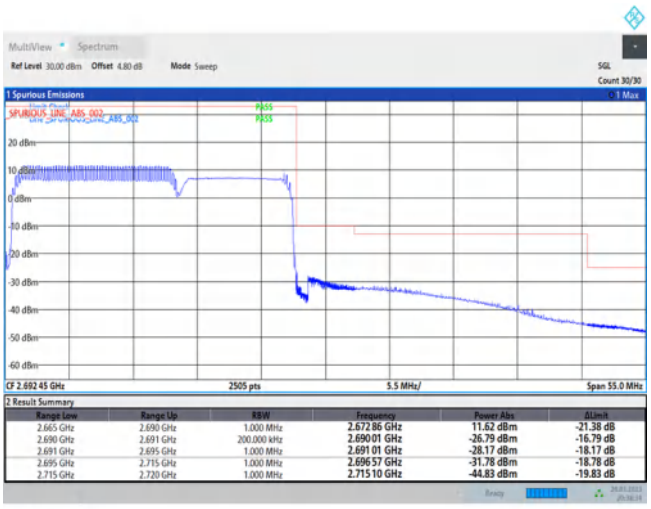

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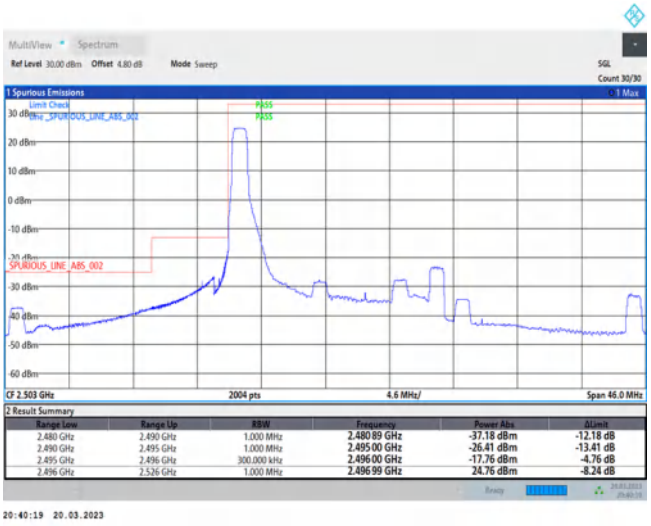

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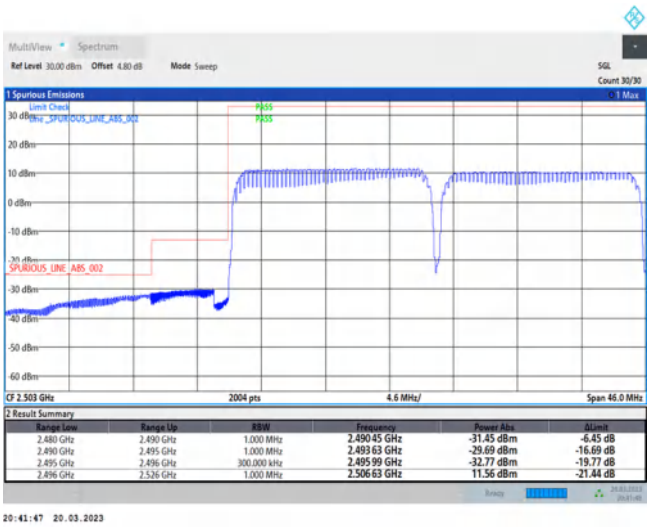

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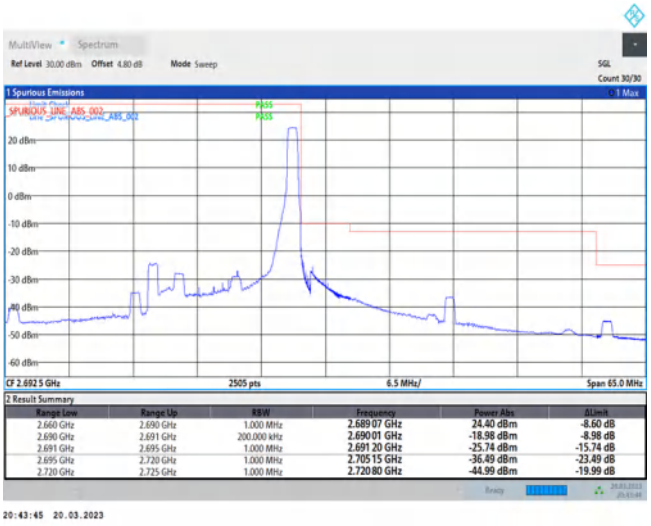
41-41-15MHz-15MHz-QPSK-QPSK-41365-41515-0RB#0-1RB#74



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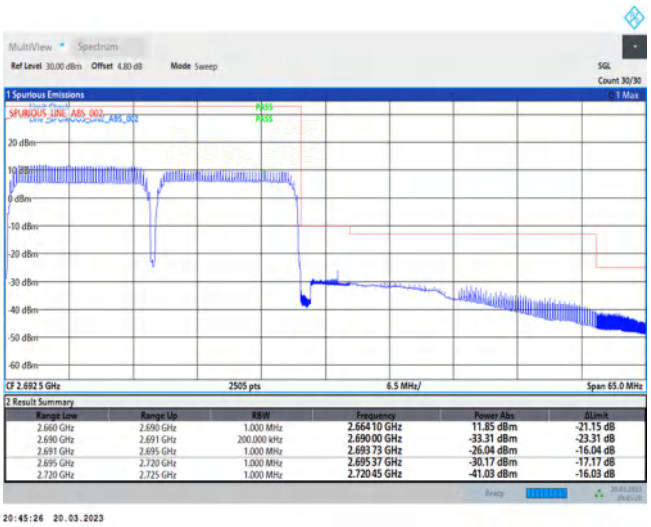

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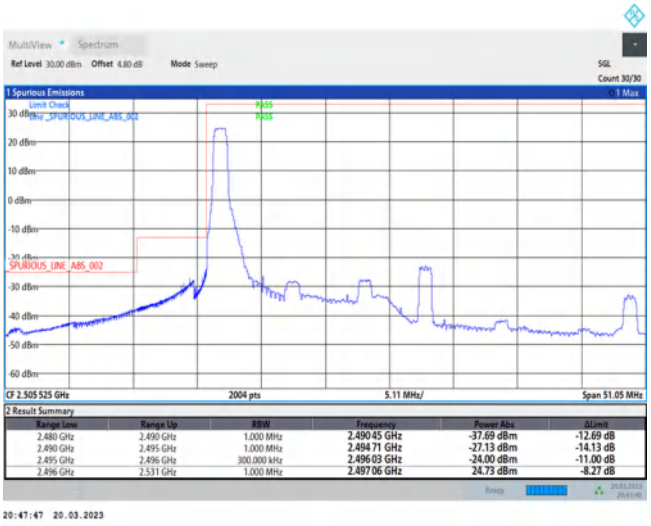
41-41-15MHz-20MHz-QPSK-QPSK-39728-39899-1RB#0-0RB#0



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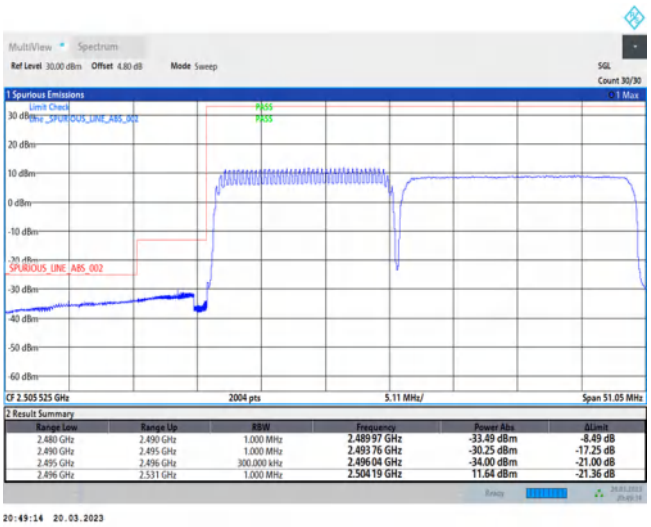

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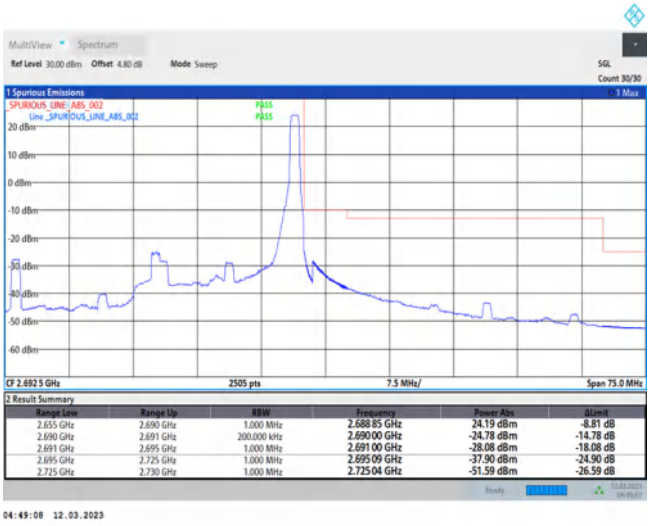
41-41-15MHz-20MHz-QPSK-QPSK-41319-41490-0RB#0-1RB#99



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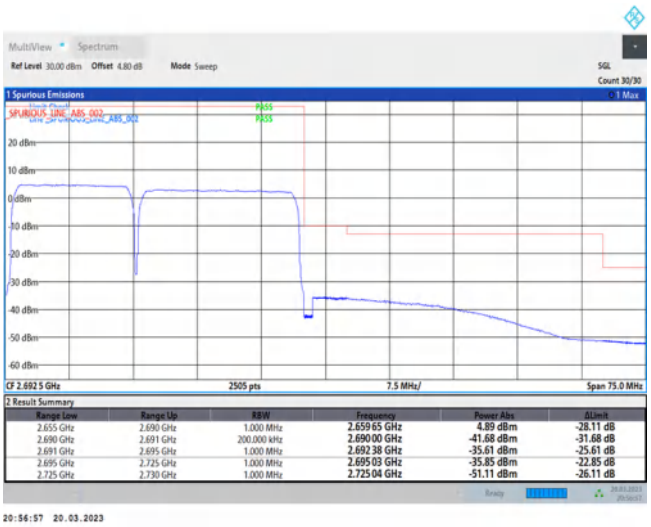

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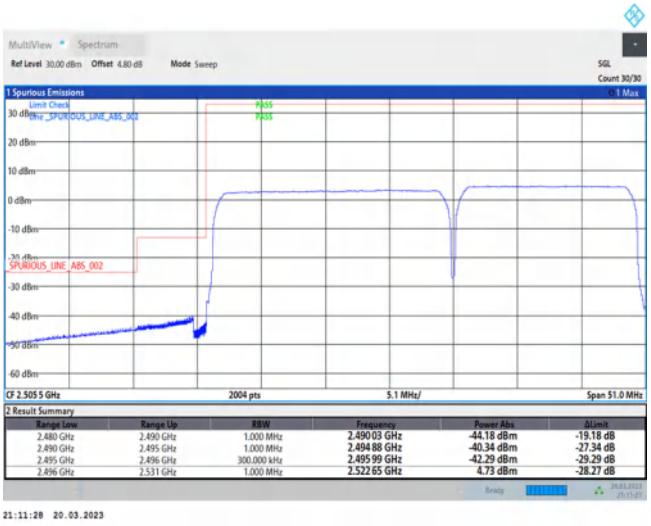
41-41-20MHz-15MHz-QPSK-QPSK-39750-39921-100RB#0-75RB#0



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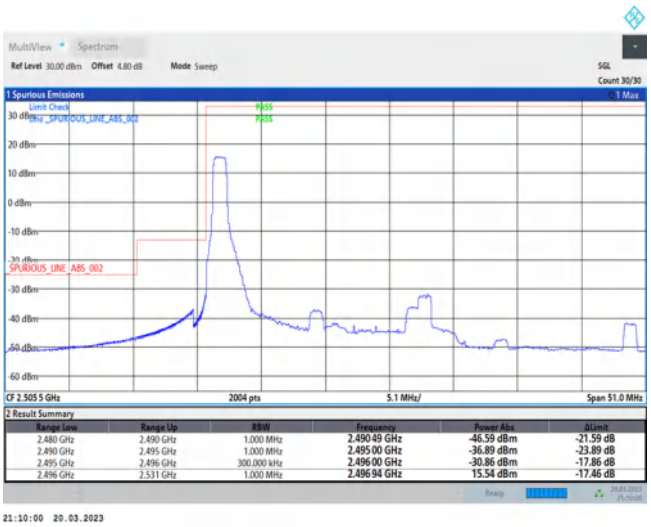

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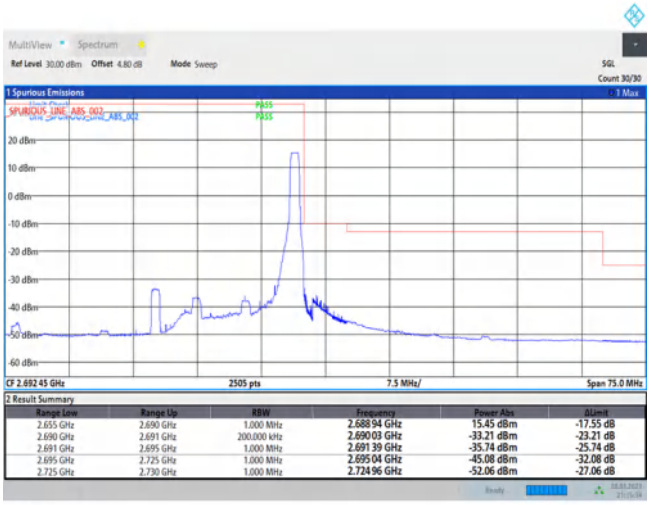
41-41-20MHz-15MHz-QPSK-QPSK-41341-41512-0RB#0-1RB#74



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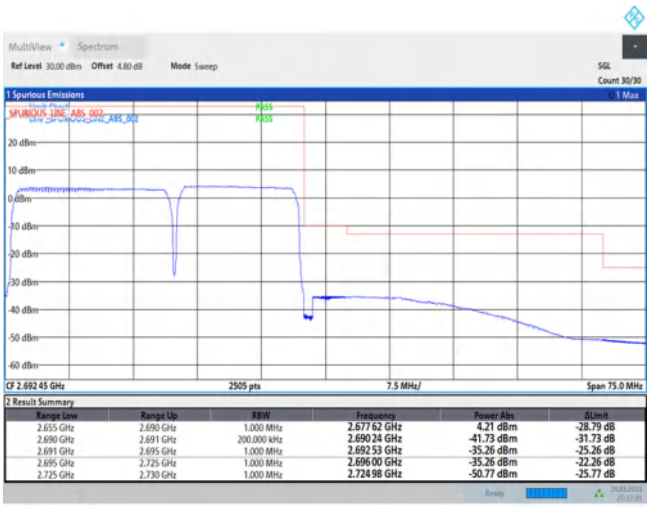

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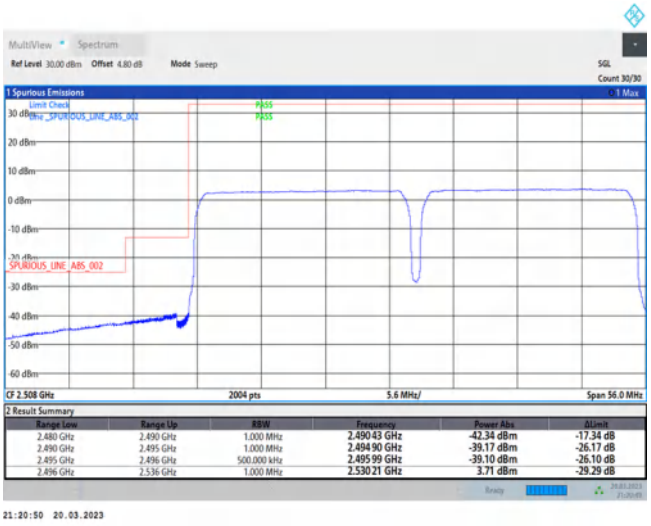
41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



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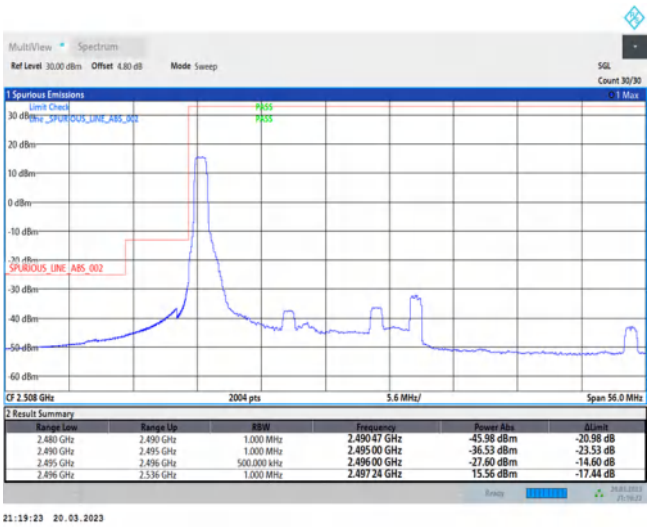

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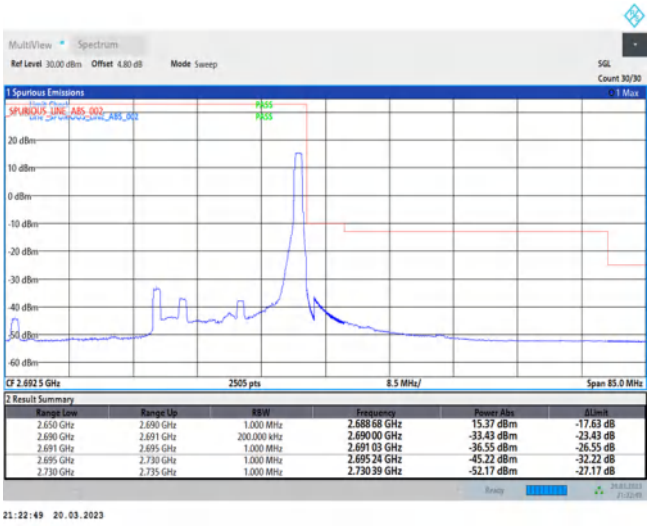
41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-0RB#0-1RB#99



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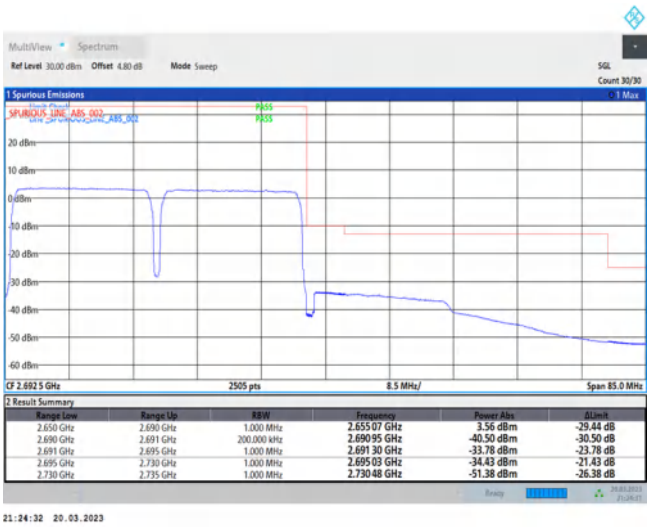

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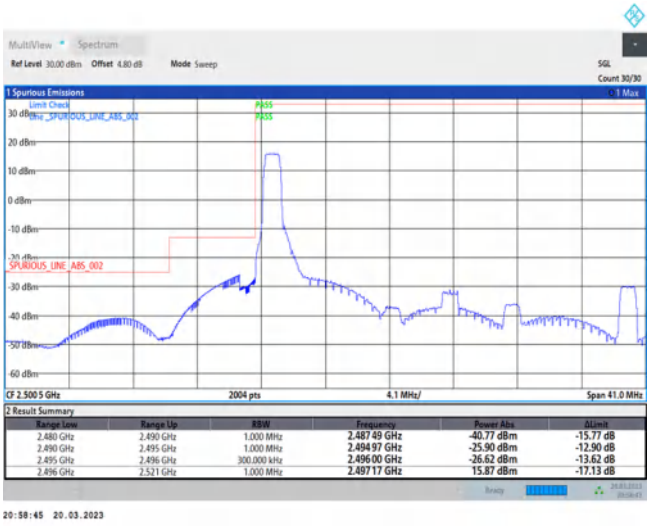
41-41-20MHz-5MHz-QPSK-QPSK-39750-39867-1RB#0-0RB#0


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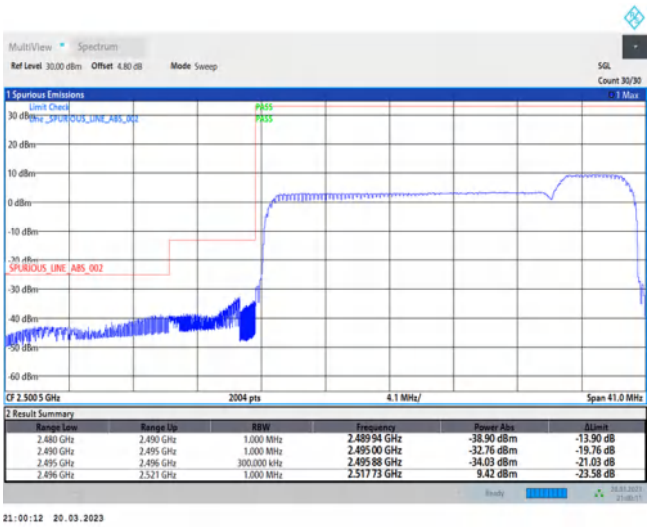

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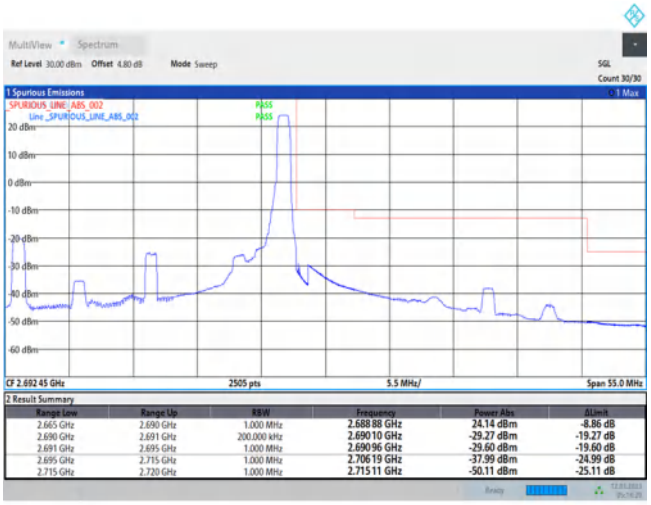
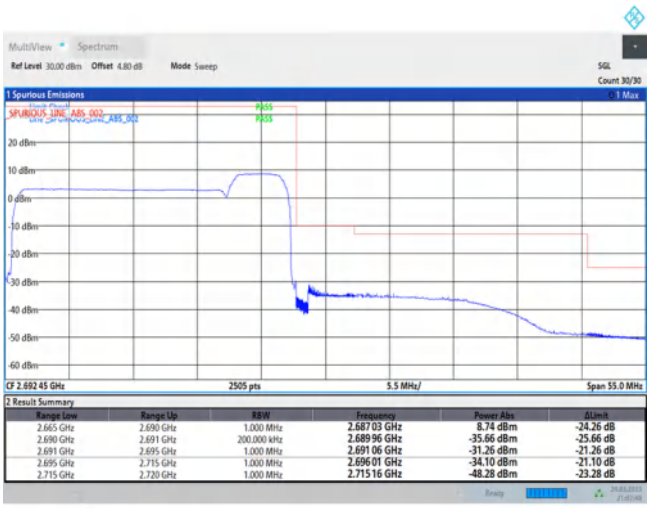


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.665 GHz	2.690 GHz	1.000 MHz	2.688 88 GHz	24.14 dBm	-8.86 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.690 10 GHz	-29.27 dBm	-19.27 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.690 96 GHz	-29.60 dBm	-19.60 dB
2.695 GHz	2.715 GHz	1.000 MHz	2.706 19 GHz	-37.99 dBm	-24.99 dB
2.715 GHz	2.720 GHz	1.000 MHz	2.715 11 GHz	-50.11 dBm	-25.11 dB

41-41-20MHz-5MHz-QPSK-QPSK-41440-41557-100RB#0-25RB#0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.665 GHz	2.690 GHz	1.000 MHz	2.687 03 GHz	8.74 dBm	-24.26 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.689 96 GHz	-35.66 dBm	-25.66 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.691 06 GHz	-31.26 dBm	-21.26 dB
2.695 GHz	2.715 GHz	1.000 MHz	2.696 01 GHz	-34.10 dBm	-21.10 dB
2.715 GHz	2.720 GHz	1.000 MHz	2.715 16 GHz	-48.28 dBm	-23.28 dB

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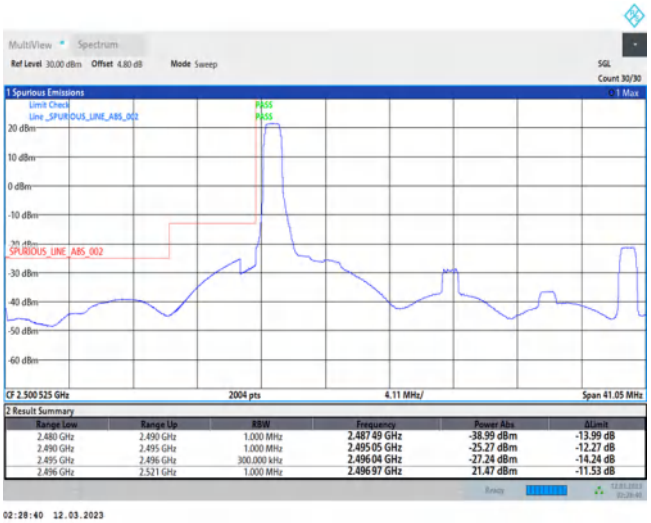
41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-1RB#0-0RB#0



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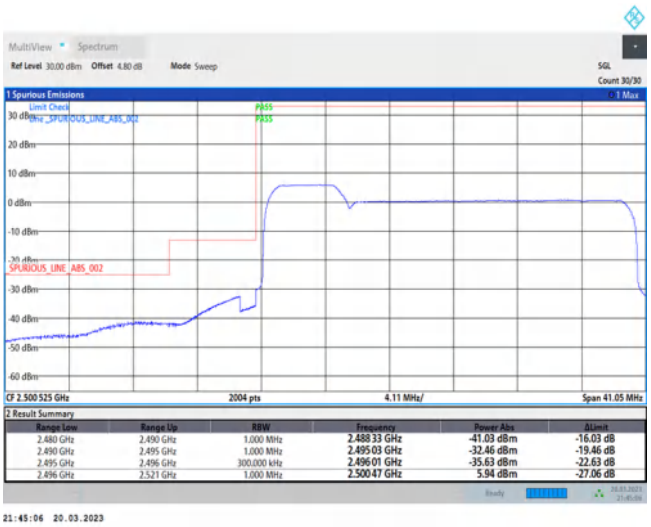

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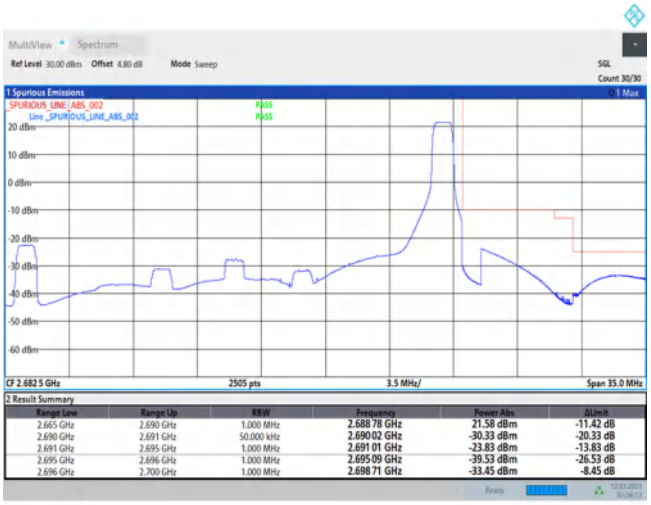
41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-0RB#0-1RB#99



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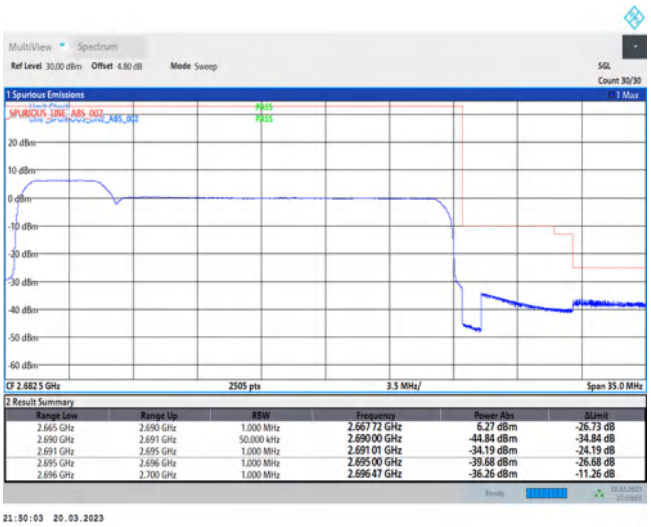

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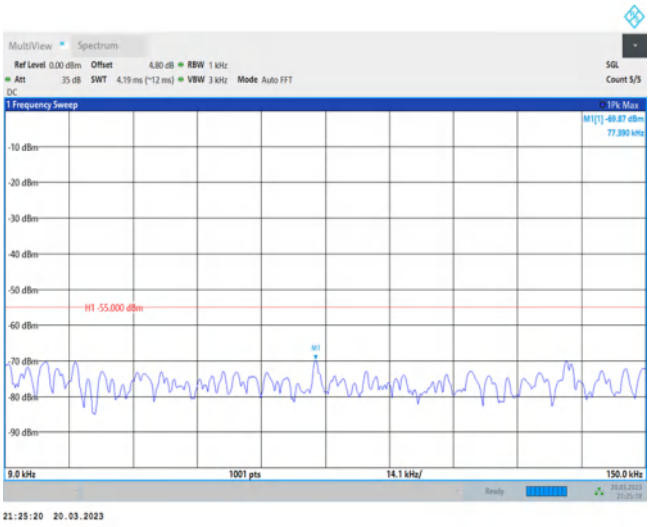
Conducted Spurious Emission

Test Graphs

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-0.009~0.15MHz



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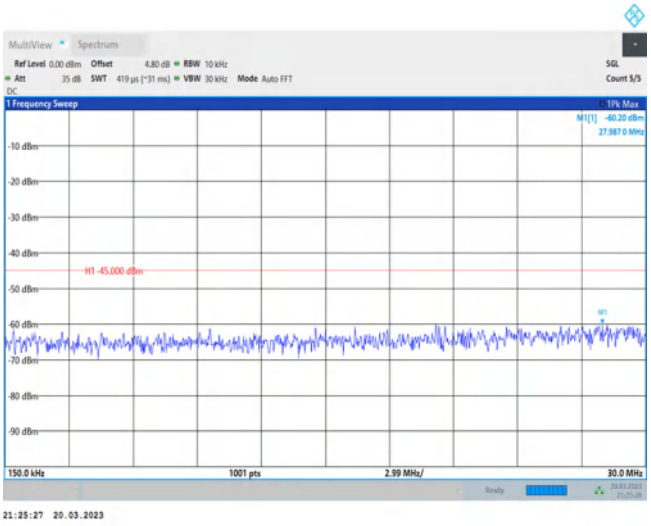

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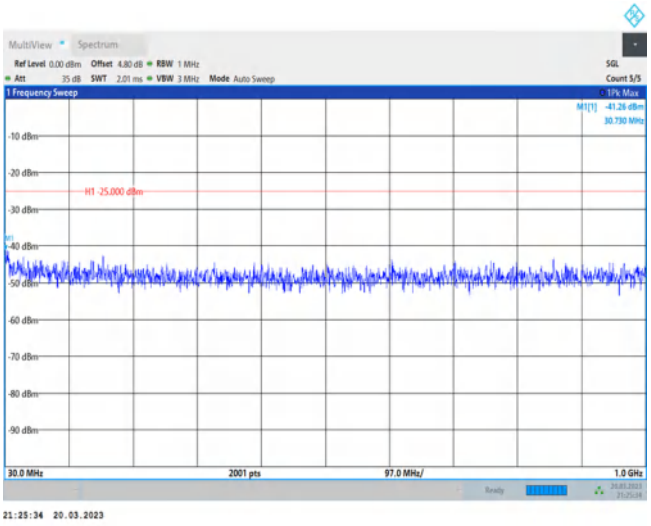
41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-30~1000MHz

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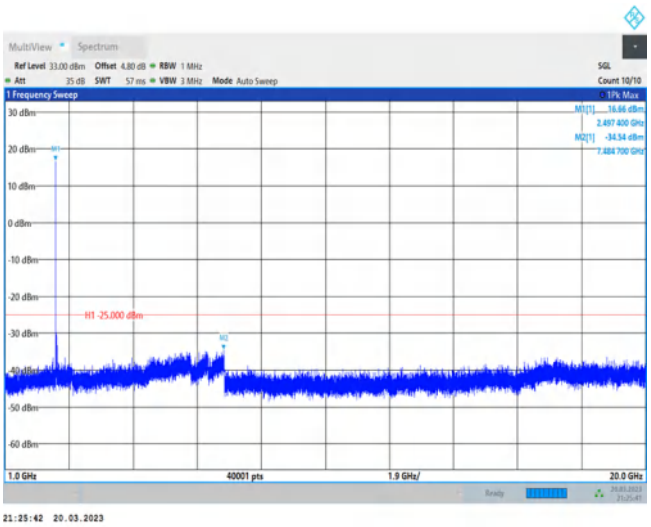

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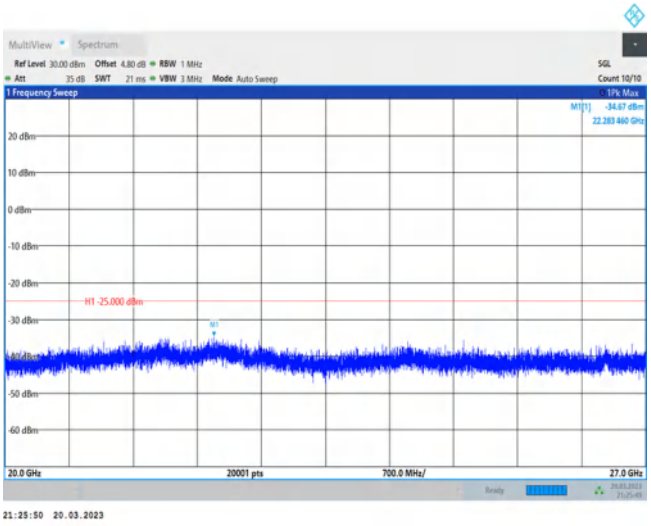
41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-20000~27000MHz



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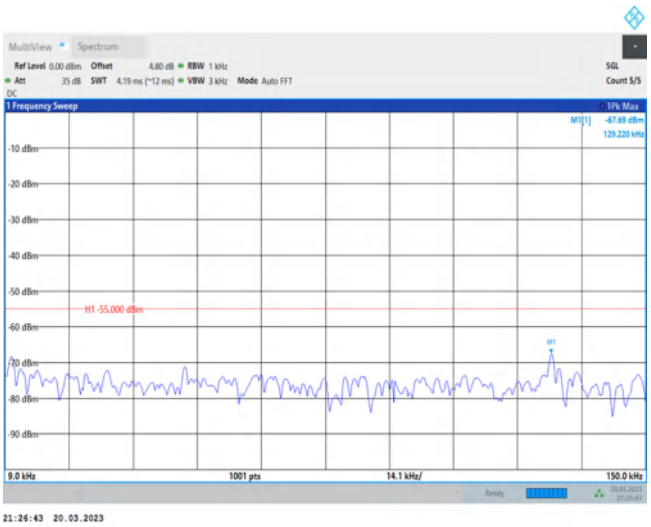

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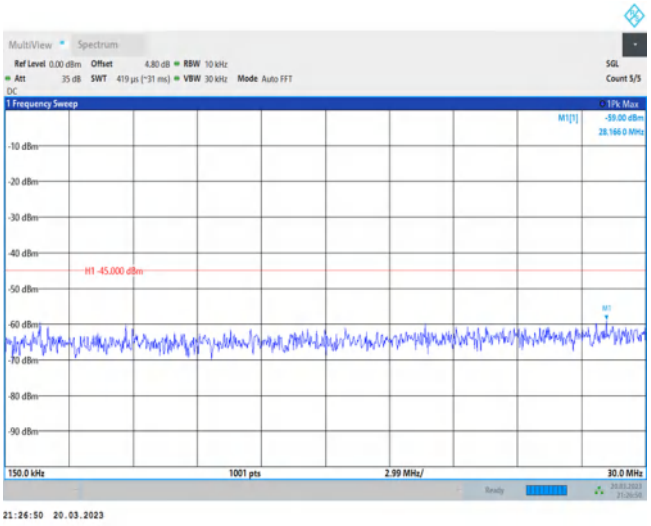
41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-0.15~30MHz



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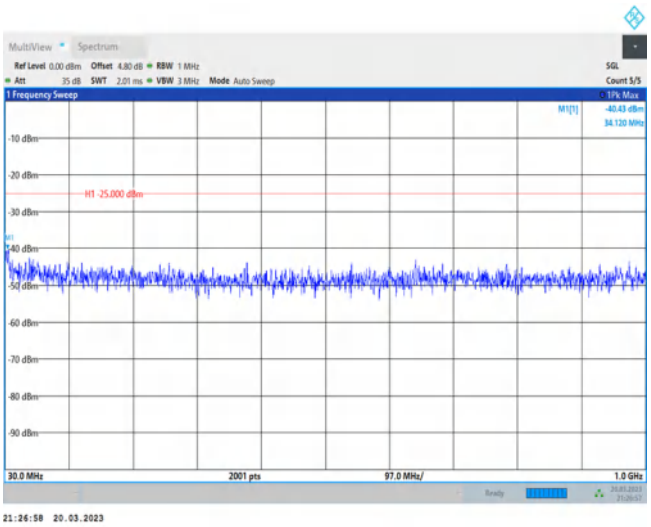

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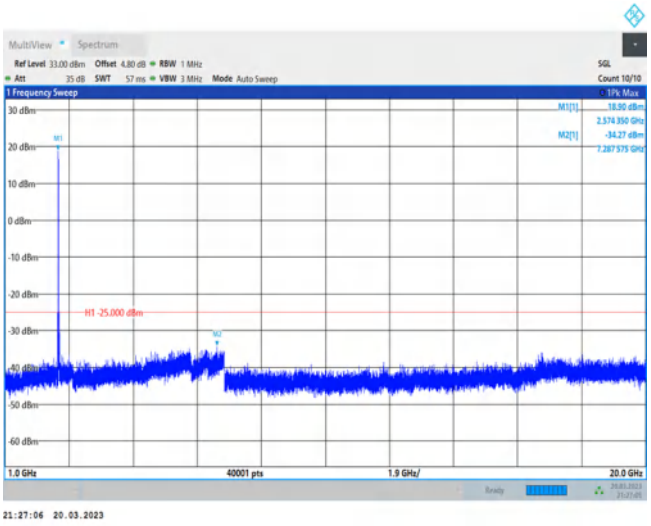
41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-1000~20000MHz



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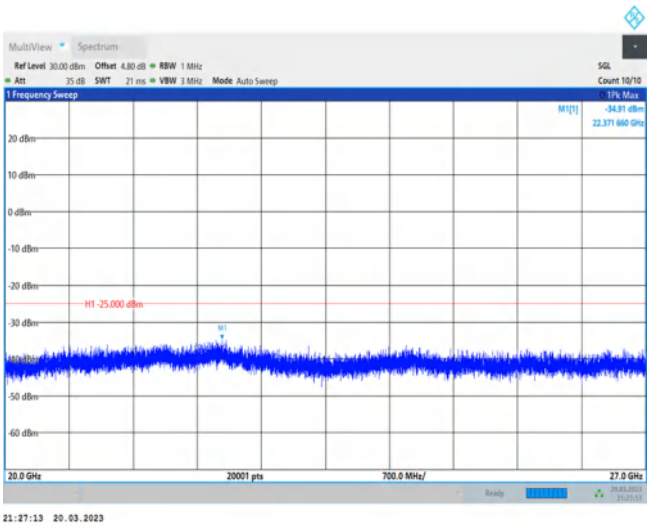

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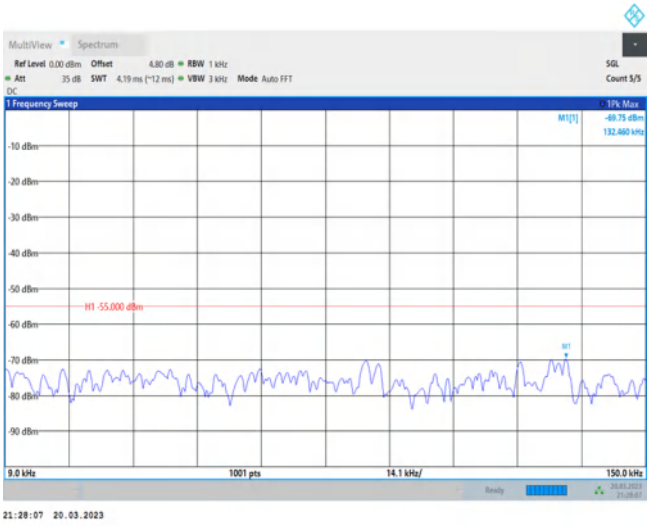

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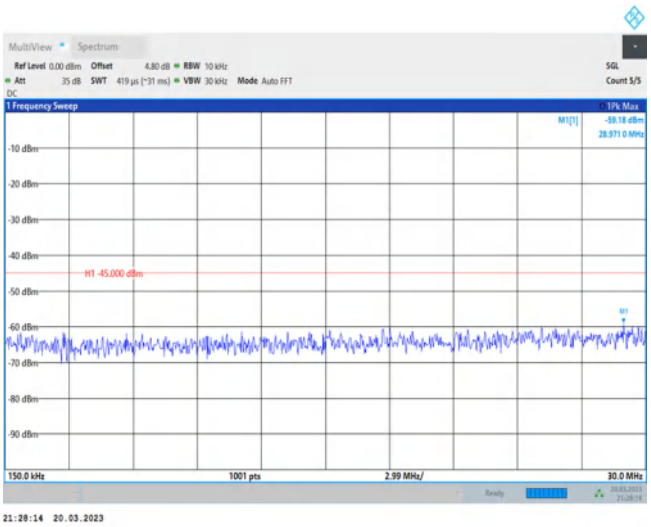

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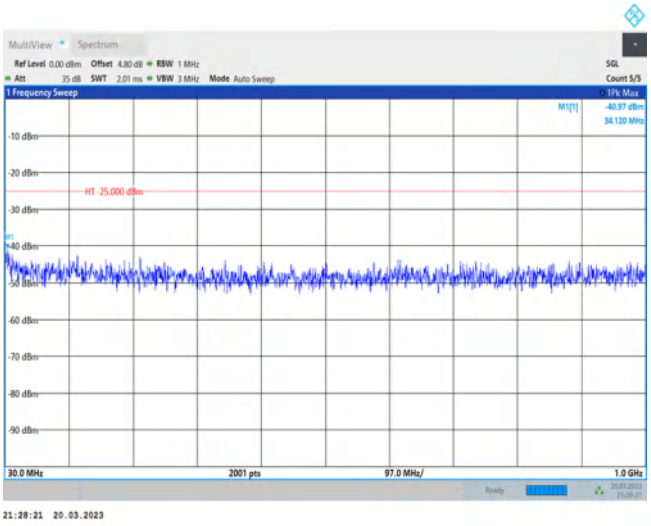
41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-30~1000MHz



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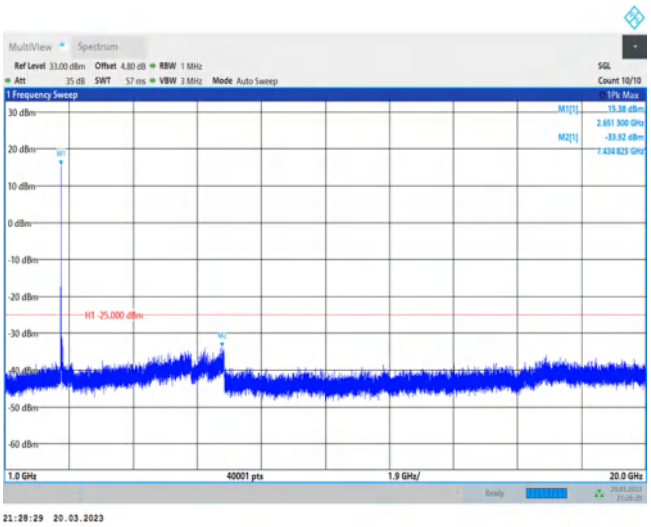

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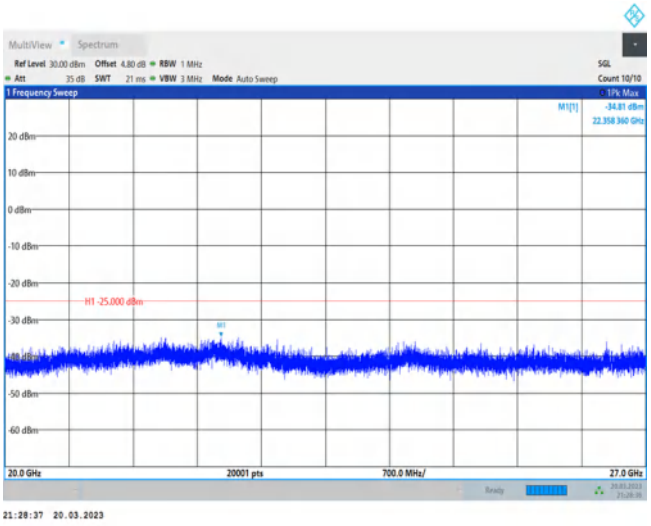
41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-20000~27000MHz


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Field Strength of Spurious Radiation

Test Band = LTE Band 41C_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4994.1800	59.77	-45.63	32.86	-48.26	-25.00	23.26	152	357	Horizontal
2	7491	47.80	-43.16	36.44	-54.18	-25.00	29.18	134	360	Horizontal
3	9988.3600	39.68	-39.25	38.47	-56.36	-25.00	31.36	216	181	Horizontal
4	12485.4500	31.92	-37.04	39.16	-61.22	-25.00	36.22	205	4	Horizontal
5	14982.5400	30.66	-34.64	39.26	-59.98	-25.00	34.98	159	74	Horizontal
6	17479.6300	31.74	-35.10	39.13	-59.49	-25.00	34.49	266	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4994.1800	69.12	-45.63	32.86	-38.91	-25.00	13.91	309	299	Vertical
2	7491	54.06	-43.16	36.44	-47.92	-25.00	22.92	281	120	Vertical
3	9987.75	48.29	-39.25	38.47	-47.75	-25.00	22.75	167	118	Vertical
4	12485.4500	32.27	-37.04	39.16	-60.87	-25.00	35.87	245	360	Vertical
5	14982.5400	30.10	-34.64	39.26	-60.54	-25.00	35.54	189	181	Vertical
6	17479.6300	31.72	-35.10	39.13	-59.51	-25.00	34.51	256	104	Vertical

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Test Band = LTE Band 41C_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.3800	58.99	-45.33	32.96	-48.63	-25.00	23.63	147	93	Horizontal
2	7722.5700	40.22	-42.94	36.63	-61.35	-25.00	36.35	205	360	Horizontal
3	10296.7600	34.02	-39.10	38.83	-61.51	-25.00	36.51	296	184	Horizontal
4	12870.9500	32.59	-37.03	39.70	-60.00	-25.00	35.00	183	345	Horizontal
5	15445.1400	31.26	-34.35	38.65	-59.70	-25.00	34.70	277	331	Horizontal
6	17752.5	35.24	-34.35	40.51	-53.85	-25.00	28.85	142	322	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.3800	66.14	-45.33	32.96	-41.48	-25.00	16.48	215	120	Vertical
2	7722.5700	45.51	-42.94	36.63	-56.06	-25.00	31.06	269	74	Vertical
3	10296.75	43.77	-39.10	38.83	-51.76	-25.00	26.76	288	320	Vertical
4	12870.9500	32.06	-37.03	39.70	-60.53	-25.00	35.53	230	319	Vertical
5	15445.1400	30.38	-34.35	38.65	-60.58	-25.00	35.58	156	354	Vertical
6	17920.5	34.57	-34.52	41.68	-53.53	-25.00	28.53	132	347	Vertical

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Test Band = LTE Band 41C_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5302.5	59.32	-45.10	32.89	-48.14	-25.00	23.14	178	359	Horizontal
2	7953.8700	38.30	-42.56	36.96	-62.57	-25.00	37.57	216	352	Horizontal
3	10605.1600	34.11	-38.44	39.06	-60.52	-25.00	35.52	259	268	Horizontal
4	13256.4500	31.88	-37.02	39.99	-60.41	-25.00	35.41	148	194	Horizontal
5	15907.5400	30.55	-34.35	38.02	-61.04	-25.00	36.04	265	179	Horizontal
6	17745	34.61	-34.30	40.47	-54.48	-25.00	29.48	173	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5302.5	64.39	-45.10	32.89	-43.07	-25.00	18.07	187	134	Vertical
2	7953.75	43.17	-42.57	36.96	-57.70	-25.00	32.70	241	179	Vertical
3	10605	43.25	-38.44	39.06	-51.39	-25.00	26.39	159	88	Vertical
4	13256.4500	31.08	-37.02	39.99	-61.21	-25.00	36.21	291	295	Vertical
5	15907.5400	30.66	-34.35	38.02	-60.93	-25.00	35.93	137	295	Vertical
6	17919.75	35.09	-34.52	41.68	-53.02	-25.00	28.02	164	179	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-20MHz	QPSK -QPSK	40521-40719	100RB#0-100RB#0	VH	NT	35.80	0.013859	PASS
41-41	20MHz-20MHz	QPSK -QPSK	40521-40719	100RB#0-100RB#0	VL	NT	46.70	0.018079	PASS
41-41	20MHz-20MHz	QPSK -QPSK	40521-40719	100RB#0-100RB#0	VN	NT	38.60	0.014943	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-20MHz	QPSK -QPSK	40521-40719	100RB#0-100RB#0	NV	50	41.00	0.015872	PASS
41-41	20MHz-20MHz	QPSK -QPSK	40521-40719	100RB#0-100RB#0	NV	40	36.50	0.014130	PASS
41-41	20MHz-20MHz	QPSK -QPSK	40521-40719	100RB#0-100RB#0	NV	30	44.80	0.017344	PASS
41-41	20MHz-20MHz	QPSK -QPSK	40521-40719	100RB#0-100RB#0	NV	20	28.30	0.010956	PASS
41-41	20MHz-20MHz	QPSK -QPSK	40521-40719	100RB#0-100RB#0	NV	10	29.60	0.011459	PASS
41-41	20MHz-20MHz	QPSK -QPSK	40521-40719	100RB#0-100RB#0	NV	0	43.40	0.016802	PASS
41-41	20MHz-20MHz	QPSK -QPSK	40521-40719	100RB#0-100RB#0	NV	-10	39.10	0.015137	PASS
41-41	20MHz-20MHz	QPSK -QPSK	40521-40719	100RB#0-100RB#0	NV	-20	33.30	0.012891	PASS
41-41	20MHz-20MHz	QPSK -QPSK	40521-40719	100RB#0-100RB#0	NV	-30	36.60	0.014169	PASS

---End of Attachment---

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