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Appendix B.17

LTE CA_41C



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Effective (Isotropic) Radiated Power Output Data**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	1RB#0-0RB#0	23.39	26.99	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	22.24	25.84	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	1RB#0-0RB#0	23.35	26.95	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	22.14	25.74	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	1RB#0-0RB#0	23.36	26.96	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	22.22	25.82	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	1RB#0-0RB#0	22.49	26.09	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	21.24	24.84	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	1RB#0-0RB#0	22.41	26.01	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	21.18	24.78	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	1RB#0-0RB#0	22.39	25.99	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	21.19	24.79	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	1RB#0-0RB#0	21.1	24.7	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	21.24	24.84	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	1RB#0-0RB#0	21.03	24.63	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	21.23	24.83	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	1RB#0-0RB#0	21.08	24.68	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	21.19	24.79	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	1RB#0-0RB#0	23.4	27	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	22.24	25.84	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	1RB#0-0RB#0	23.38	26.98	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	22.14	25.74	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	1RB#0-0RB#0	23.3	26.9	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	22.13	25.73	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	1RB#0-0RB#0	22.52	26.12	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	21.27	24.87	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	1RB#0-0RB#0	22.4	26	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	21.18	24.78	33	PASS



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41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	1RB#0-0RB#0	22.37	25.97	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	21.13	24.73	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	1RB#0-0RB#0	21.14	24.74	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	21.25	24.85	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	1RB#0-0RB#0	21.15	24.75	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	21.13	24.73	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	1RB#0-0RB#0	21.05	24.65	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	21.1	24.7	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	1RB#0-0RB#0	23.18	26.78	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	22.84	26.44	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	1RB#0-0RB#0	23.17	26.77	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	22.81	26.41	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	1RB#0-0RB#0	23.15	26.75	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	23.28	26.88	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	1RB#0-0RB#0	22.28	25.88	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	21.84	25.44	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	1RB#0-0RB#0	22.28	25.88	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	21.84	25.44	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	1RB#0-0RB#0	22.19	25.79	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	22.42	26.02	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	1RB#0-0RB#0	20.97	24.57	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	21.83	25.43	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	1RB#0-0RB#0	20.95	24.55	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	21.81	25.41	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	1RB#0-0RB#0	20.87	24.47	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	22.4	26	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	1RB#0-0RB#0	23.44	27.04	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	22.31	25.91	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	1RB#0-0RB#0	23.42	27.02	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	22.25	25.85	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	1RB#0-0RB#0	23.31	26.91	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	22.27	25.87	33	PASS



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41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	1RB#0-0RB#0	22.55	26.15	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	21.27	24.87	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	1RB#0-0RB#0	22.49	26.09	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	21.22	24.82	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	1RB#0-0RB#0	22.39	25.99	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	21.16	24.76	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	1RB#0-0RB#0	21.12	24.72	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	21.27	24.87	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	1RB#0-0RB#0	21.1	24.7	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	21.2	24.8	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	1RB#0-0RB#0	21.02	24.62	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	21.17	24.77	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	1RB#0-0RB#0	23.47	27.07	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	22.26	25.86	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	1RB#0-0RB#0	23.37	26.97	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	22.17	25.77	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	1RB#0-0RB#0	23.3	26.9	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	22.15	25.75	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	1RB#0-0RB#0	22.53	26.13	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	21.3	24.9	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	1RB#0-0RB#0	22.48	26.08	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	21.22	24.82	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	1RB#0-0RB#0	22.36	25.96	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	21.17	24.77	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	1RB#0-0RB#0	21.13	24.73	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	21.28	24.88	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	1RB#0-0RB#0	21.07	24.67	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	21.17	24.77	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	1RB#0-0RB#0	21.03	24.63	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	21.15	24.75	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	22.25	25.85	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	1RB#0-0RB#0	23.42	27.02	33	PASS



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41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	22.15	25.75	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	1RB#0-0RB#0	23.32	26.92	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	22.07	25.67	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	1RB#0-0RB#0	23.27	26.87	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	21.25	24.85	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	1RB#0-0RB#0	22.55	26.15	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	21.16	24.76	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	1RB#0-0RB#0	22.38	25.98	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	21.09	24.69	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	1RB#0-0RB#0	22.34	25.94	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	21.23	24.83	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	1RB#0-0RB#0	21.14	24.74	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	21.13	24.73	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	1RB#0-0RB#0	21.01	24.61	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	21.06	24.66	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	1RB#0-0RB#0	21.01	24.61	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	22.27	25.87	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	1RB#0-0RB#0	23.43	27.03	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	22.22	25.82	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	1RB#0-0RB#0	23.3	26.9	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	22.17	25.77	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	1RB#0-0RB#0	23.32	26.92	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	21.26	24.86	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	1RB#0-0RB#0	22.52	26.12	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	21.17	24.77	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	1RB#0-0RB#0	22.39	25.99	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	21.09	24.69	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	1RB#0-0RB#0	22.34	25.94	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	21.19	24.79	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	1RB#0-0RB#0	21.12	24.72	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	21.1	24.7	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	1RB#0-0RB#0	21.04	24.64	33	PASS



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41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	21.04	24.64	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	1RB#0-0RB#0	20.99	24.59	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	22.21	25.81	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	1RB#0-0RB#0	23.35	26.95	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	22.16	25.76	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	1RB#0-0RB#0	23.31	26.91	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	22.1	25.7	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	1RB#0-0RB#0	23.25	26.85	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	21.23	24.83	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	1RB#0-0RB#0	22.42	26.02	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	21.1	24.7	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	1RB#0-0RB#0	22.36	25.96	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	21.07	24.67	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	1RB#0-0RB#0	22.3	25.9	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	21.22	24.82	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	1RB#0-0RB#0	21.05	24.65	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	21.14	24.74	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	1RB#0-0RB#0	20.98	24.58	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	21.11	24.71	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	1RB#0-0RB#0	20.93	24.53	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	1RB#0-0RB#0	23.45	27.05	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	22.25	25.85	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	1RB#0-0RB#0	23.42	27.02	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	22.18	25.78	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	1RB#0-0RB#0	23.4	27	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	22.2	25.8	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	1RB#0-0RB#0	22.53	26.13	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	21.29	24.89	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	1RB#0-0RB#0	22.44	26.04	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	21.2	24.8	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	1RB#0-0RB#0	22.37	25.97	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	21.19	24.79	33	PASS



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41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	1RB#0-0RB#0	21.12	24.72	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	21.28	24.88	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	1RB#0-0RB#0	21.1	24.7	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	21.2	24.8	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	1RB#0-0RB#0	21.04	24.64	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	21.16	24.76	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	10.08	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	10.08	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	10.06	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	10.06	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	10.20	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	10.08	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	10.30	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	10.18	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	10.32	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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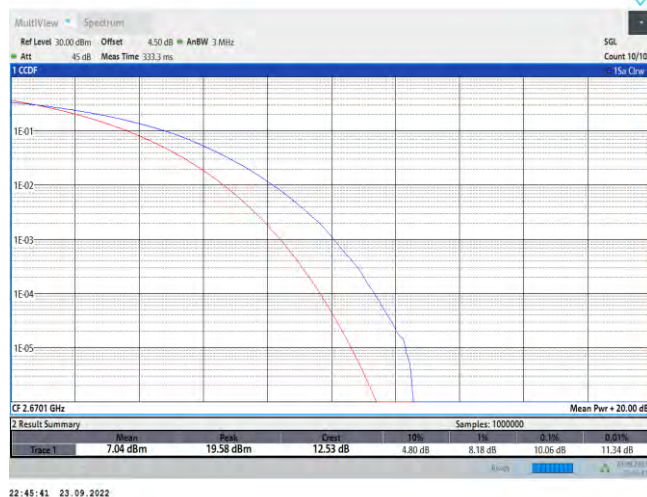
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41-41-20MHz-20MHz-16QAM-16QAM-39750-39948-100RB#0-100RB#0



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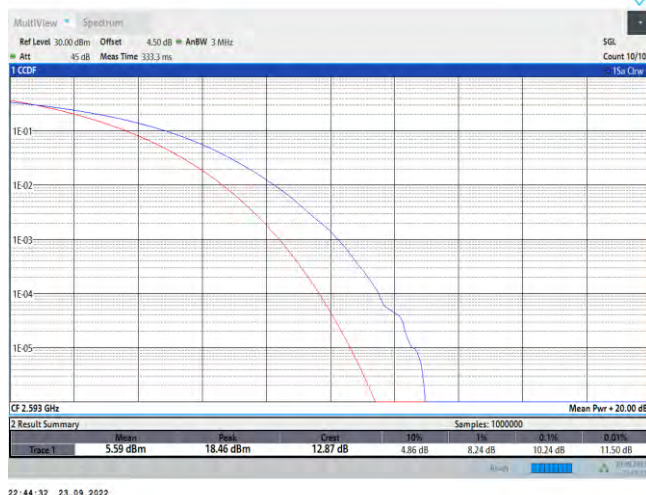
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41-41-20MHz-20MHz-16QAM-16QAM-41292-41490-100RB#0-100RB#0



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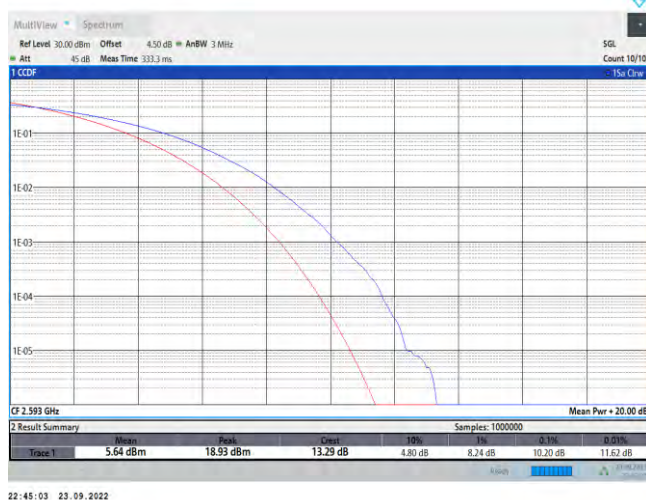
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41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#0-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	PASS



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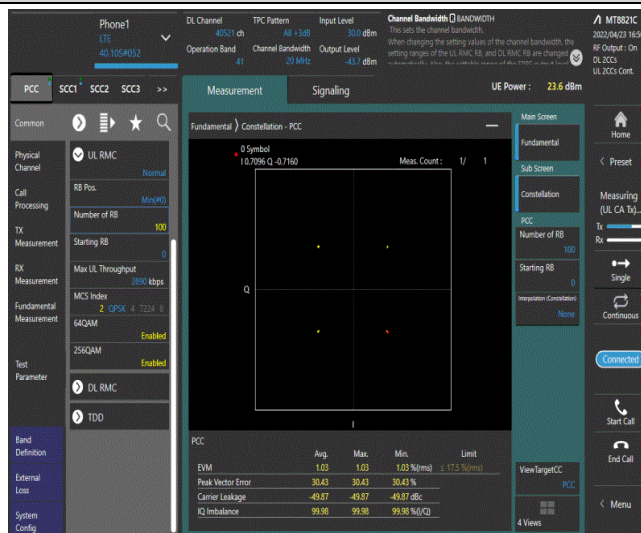
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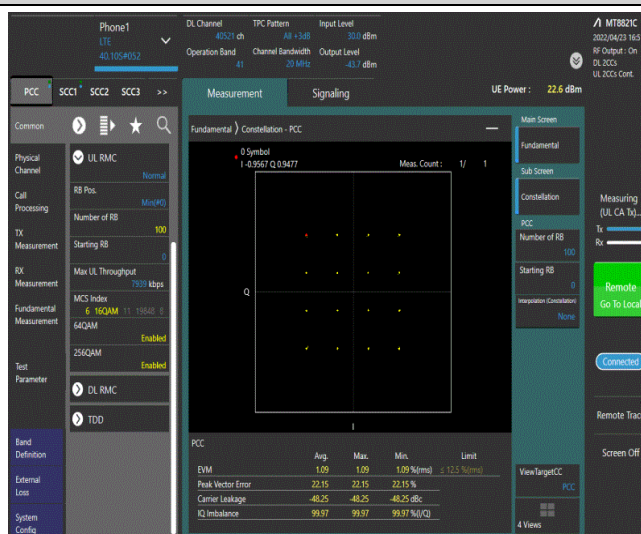
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Test Graphs

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



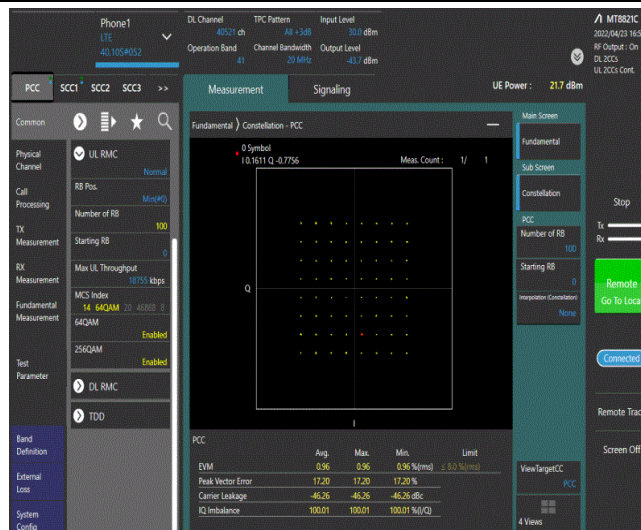
41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0



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41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#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	23.164	24.60	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	23.191	24.60	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	23.188	24.50	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	23.15	24.60	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	23.108	24.55	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	23.154	24.50	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	23.062	24.60	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	23.069	24.65	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	23.089	24.55	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	27.758	29.34	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	27.747	29.28	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	27.822	29.40	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	27.687	29.28	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	27.682	29.22	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	27.738	29.22	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	27.649	29.34	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	27.667	29.34	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	27.698	29.28	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	23.224	28.85	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	23.15	24.70	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	22.833	25.70	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	23.172	26.15	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	23.102	24.70	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	22.741	24.70	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	23.14	24.85	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	23.068	24.75	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	22.674	24.85	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	28.347	29.88	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	28.311	29.94	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	28.374	29.94	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	28.313	29.94	PASS



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41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	28.316	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	28.338	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	28.26	29.94	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	28.246	30.06	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	28.322	31.56	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	32.621	34.37	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	32.63	34.44	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	32.667	34.44	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	32.548	34.30	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	32.594	34.30	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	32.587	34.23	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	32.49	34.30	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	32.537	34.16	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	32.542	34.44	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	32.576	34.51	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	32.625	34.44	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	32.637	34.37	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	32.578	34.44	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	32.6	34.44	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	32.579	34.44	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	32.47	34.44	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	32.522	34.51	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	32.503	34.51	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	37.704	40.32	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	37.795	40.40	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	37.85	41.44	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	37.667	40.16	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	37.731	40.16	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	37.805	40.24	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	37.564	40.40	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	37.692	40.32	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	37.771	40.24	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	22.915	24.25	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	22.922	24.35	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	22.913	24.40	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	22.886	24.45	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	22.924	24.30	PASS



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41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	22.928	24.35	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	22.835	24.35	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	22.876	24.50	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	22.865	24.35	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	22.921	24.30	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	22.934	24.35	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	22.988	24.30	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	22.899	24.15	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	22.869	24.20	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	22.906	24.10	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	22.86	24.05	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	22.843	24.30	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	22.904	24.35	PASS



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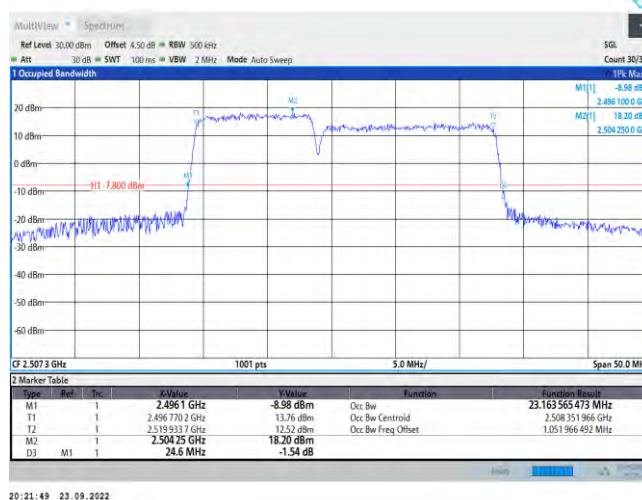
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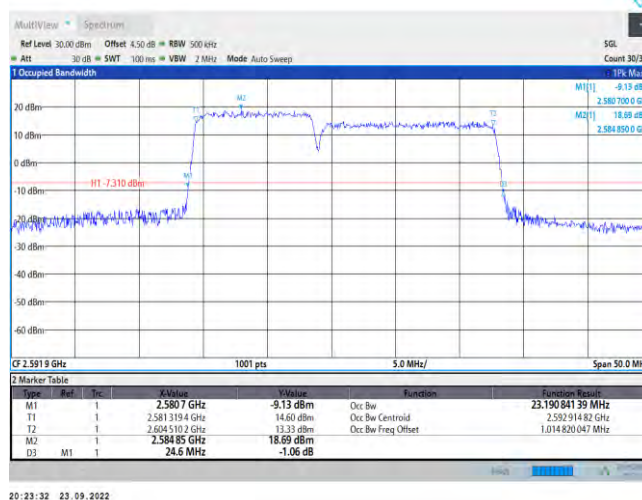
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41-41-10MHz-15MHz-QPSK-QPSK-40549-40669-50RB#0-75RB#0



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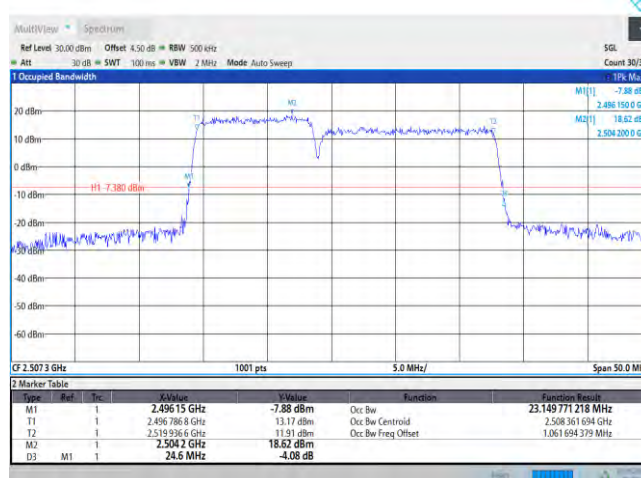
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41-41-10MHz-15MHz-16QAM-16QAM-39703-39823-50RB#0-75RB#0



20:22:21 23.09.2022



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41-41-10MHz-15MHz-16QAM-16QAM-41395-41515-50RB#0-75RB#0



20:25:56 23.09.2022



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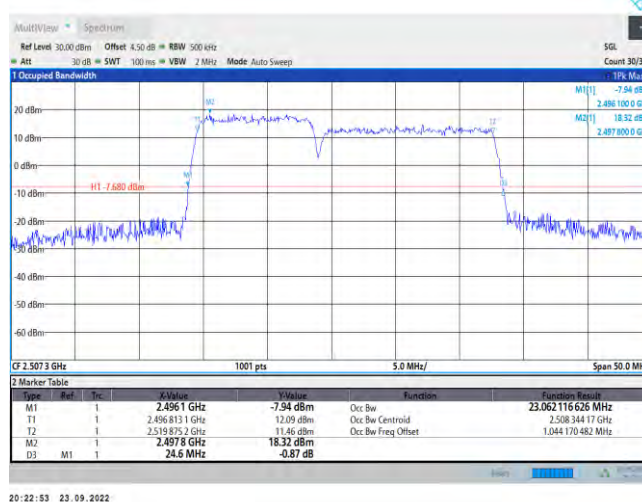
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41-41-10MHz-15MHz-64QAM-64QAM-39703-39823-50RB#0-75RB#0



20:22:53 23.09.2022

41-41-10MHz-15MHz-64QAM-64QAM-40549-40669-50RB#0-75RB#0



20:24:36 23.09.2022



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41-41-10MHz-15MHz-64QAM-64QAM-41395-41515-50RB#0-75RB#0



20:26:28 23.09.2022

41-41-10MHz-20MHz-QPSK-QPSK-39705-39849-50RB#0-100RB#0



20:40:52 23.09.2022



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41-41-10MHz-20MHz-QPSK-QPSK-40526-40670-50RB#0-100RB#0



20:42:35 23.09.2022

41-41-10MHz-20MHz-QPSK-QPSK-41346-41490-50RB#0-100RB#0



20:44:25 23.09.2022



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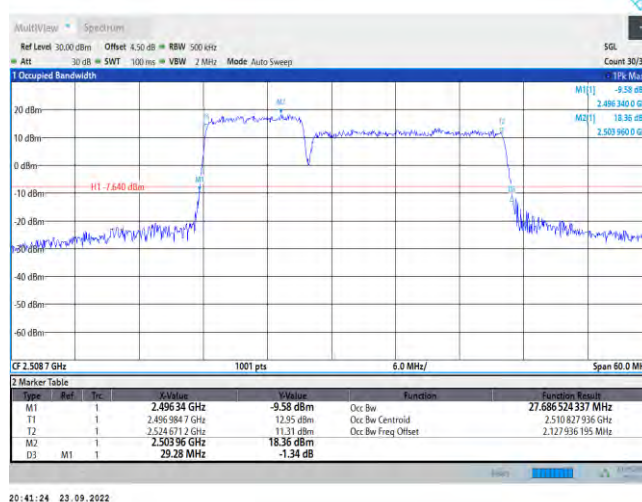
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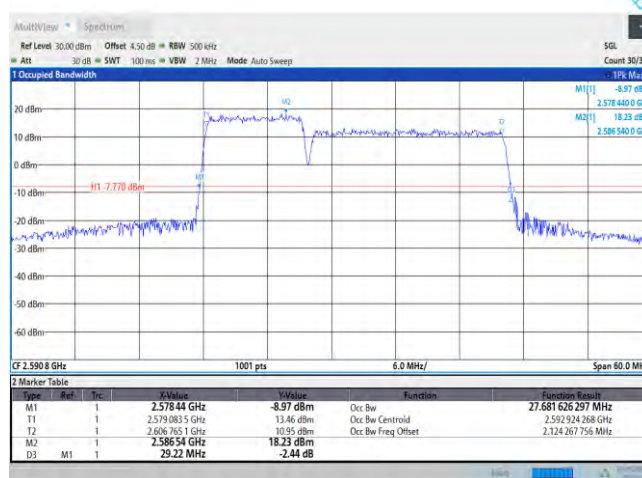
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41-41-10MHz-20MHz-16QAM-16QAM-39705-39849-50RB#0-100RB#0



20:41:24 23.09.2022

41-41-10MHz-20MHz-16QAM-16QAM-40526-40670-50RB#0-100RB#0



20:43:07 23.09.2022



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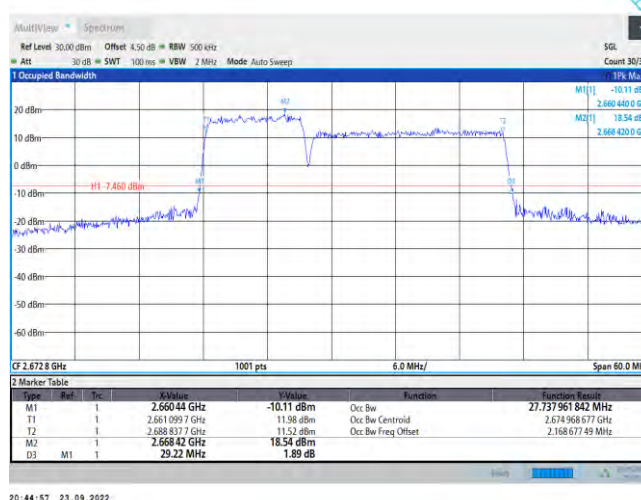
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41-41-10MHz-20MHz-16QAM-16QAM-41346-41490-50RB#0-100RB#0



20:44:57 23.09.2022

41-41-10MHz-20MHz-64QAM-64QAM-39705-39849-50RB#0-100RB#0



20:41:56 23.09.2022



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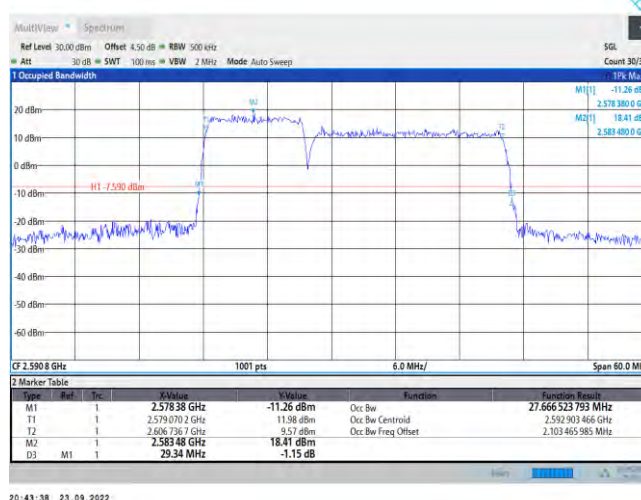
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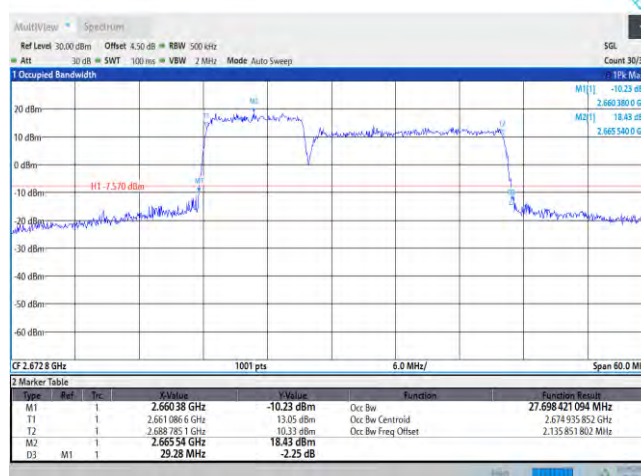
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41-41-10MHz-20MHz-64QAM-64QAM-40526-40670-50RB#0-100RB#0



20:43:38 23.09.2022

41-41-10MHz-20MHz-64QAM-64QAM-41346-41490-50RB#0-100RB#0



20:45:29 23.09.2022



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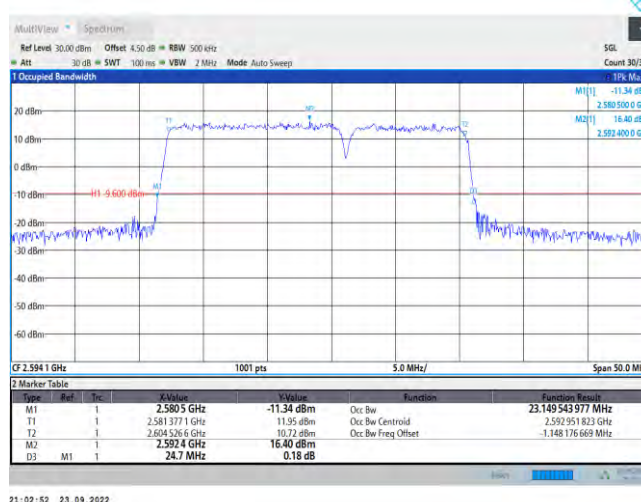
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41-41-15MHz-10MHz-QPSK-QPSK-39725-39845-75RB#0-50RB#0



21:01:12 23.09.2022

41-41-15MHz-10MHz-QPSK-QPSK-40571-40691-75RB#0-50RB#0



21:02:52 23.09.2022



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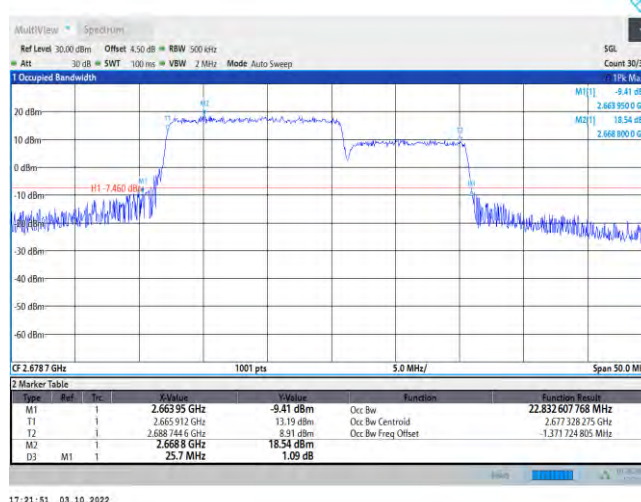
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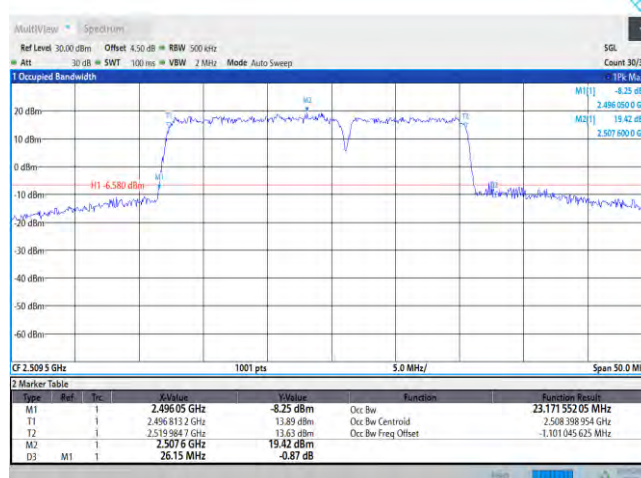
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41-41-15MHz-10MHz-QPSK-QPSK-41417-41537-75RB#0-50RB#0



17:21:51 03.10.2022

41-41-15MHz-10MHz-16QAM-16QAM-39725-39845-75RB#0-50RB#0



21:01:43 23.09.2022



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21:03:24 23.09.2022

41-41-15MHz-10MHz-16QAM-16QAM-41417-41537-75RB#0-50RB#0



17:22:23 03.10.2022



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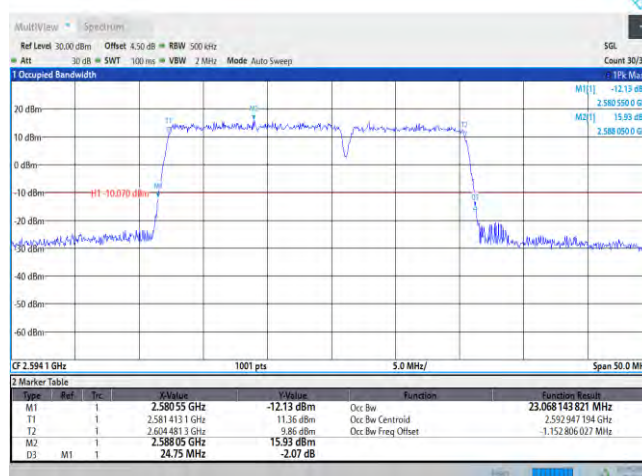
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41-41-15MHz-10MHz-64QAM-64QAM-39725-39845-75RB#0-50RB#0



21:02:15 23.09.2022

41-41-15MHz-10MHz-64QAM-64QAM-40571-40691-75RB#0-50RB#0



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41-41-15MHz-10MHz-64QAM-64QAM-41417-41537-75RB#0-50RB#0



17:22:55 03.10.2022

41-41-15MHz-15MHz-QPSK-QPSK-39725-39875-75RB#0-75RB#0



21:21:16 23.09.2022



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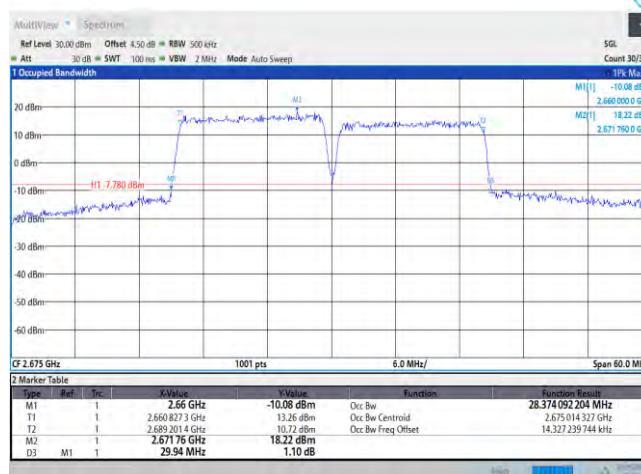
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21:22:58 23.09.2022

41-41-15MHz-15MHz-QPSK-QPSK-41365-41515-75RB#0-75RB#0



21:24:41 23.09.2022



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41-41-15MHz-15MHz-16QAM-16QAM-39725-39875-75RB#0-75RB#0



21:21:47 23.09.2022

41-41-15MHz-15MHz-16QAM-16QAM-40545-40695-75RB#0-75RB#0



21:23:30 23.09.2022



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21:25:12 23.09.2022

41-41-15MHz-15MHz-64QAM-64QAM-39725-39875-75RB#0-75RB#0



21:22:19 23.09.2022



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21:24:02 23.09.2022

41-41-15MHz-15MHz-64QAM-64QAM-41365-41515-75RB#0-75RB#0



21:25:44 23.09.2022



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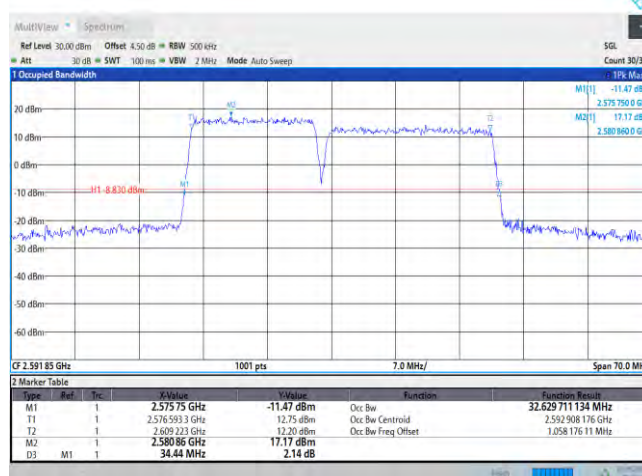
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41-41-15MHz-20MHz-QPSK-QPSK-39728-39899-75RB#0-100RB#0



21:40:57 23.09.2022

41-41-15MHz-20MHz-QPSK-QPSK-40523-40694-75RB#0-100RB#0



21:42:39 23.09.2022



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



21:44:32 23.09.2022

41-41-15MHz-20MHz-16QAM-16QAM-39728-39899-75RB#0-100RB#0



21:41:29 23.09.2022



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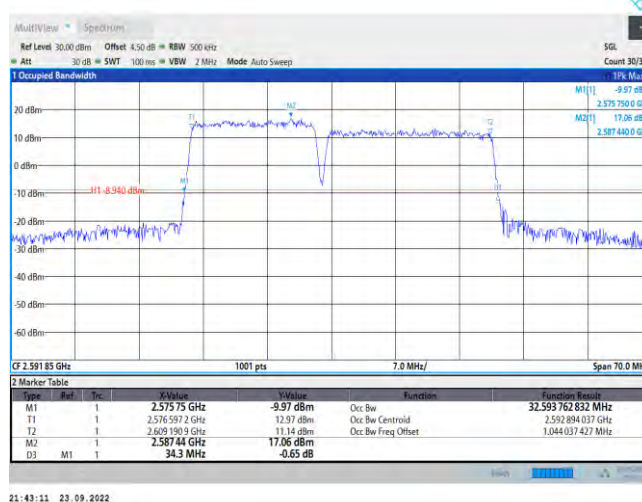
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41-41-15MHz-20MHz-16QAM-16QAM-41319-41490-75RB#0-100RB#0



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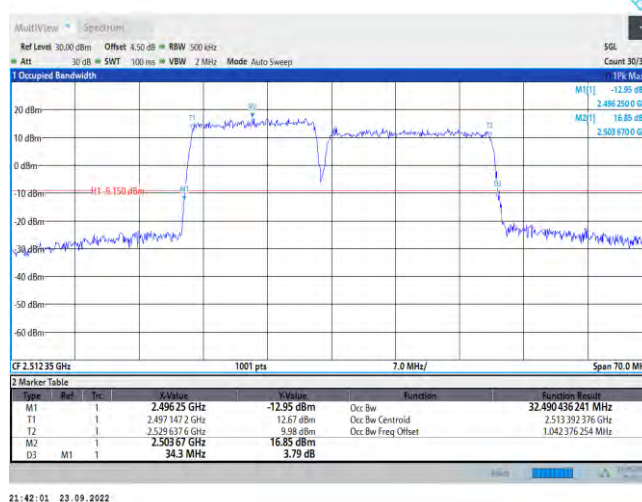
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21:42:01 23.09.2022

41-41-15MHz-20MHz-64QAM-64QAM-40523-40694-75RB#0-100RB#0



21:43:43 23.09.2022



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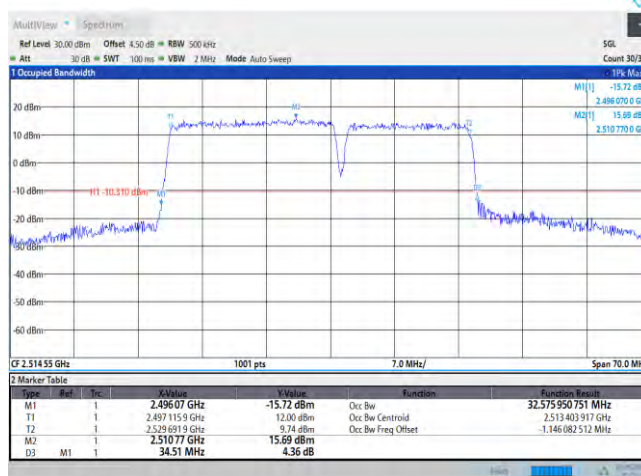
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41-41-15MHz-20MHz-64QAM-64QAM-41319-41490-75RB#0-100RB#0



21:45:36 23.09.2022

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



22:22:00 23.09.2022



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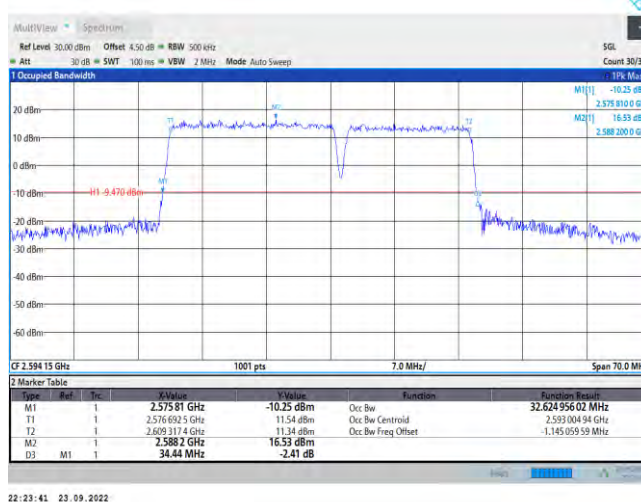
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22:23:41 23.09.2022

41-41-20MHz-15MHz-QPSK-QPSK-41341-41512-100RB#0-75RB#0



22:25:31 23.09.2022



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41-41-20MHz-15MHz-64QAM-64QAM-39750-39921-100RB#0-75RB#0



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41-41-20MHz-15MHz-64QAM-64QAM-41341-41512-100RB#0-75RB#0



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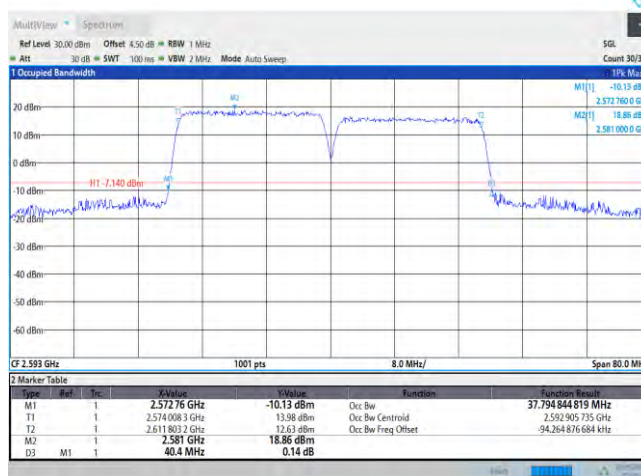
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41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



22:47:27 23.09.2022

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



22:49:09 23.09.2022



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22:50:52 23.09.2022

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



22:47:58 23.09.2022



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22:49:41 23.09.2022

41-41-20MHz-20MHz-16QAM-16QAM-41292-41490-100RB#0-100RB#0



22:51:24 23.09.2022



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



22:48:30 23.09.2022

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



22:59:13 23.09.2022



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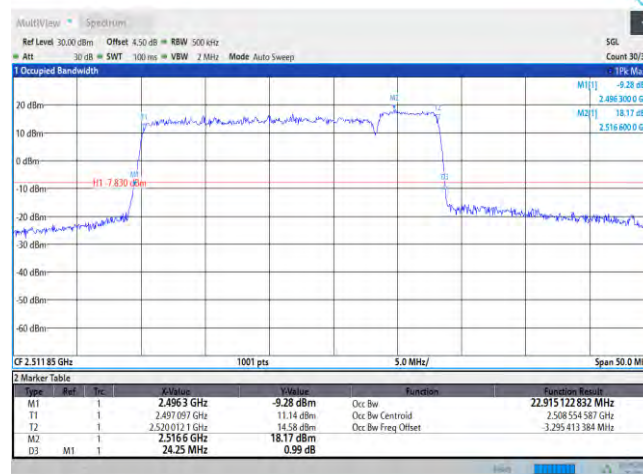
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41-41-20MHz-20MHz-64QAM-64QAM-41292-41490-100RB#0-100RB#0



22:51:56 23.09.2022

41-41-20MHz-5MHz-QPSK-QPSK-39750-39867-100RB#0-25RB#0



22:01:25 23.09.2022



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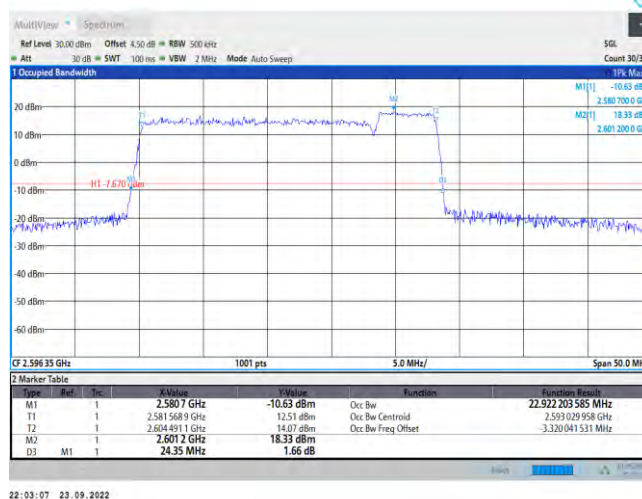
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22:03:07 23.09.2022

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



22:04:49 23.09.2022



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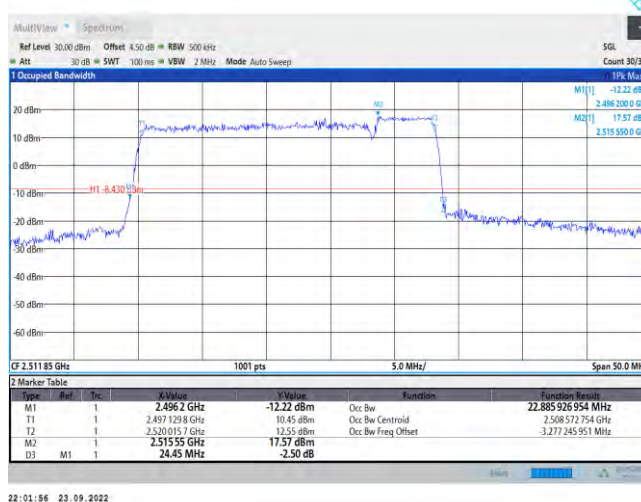
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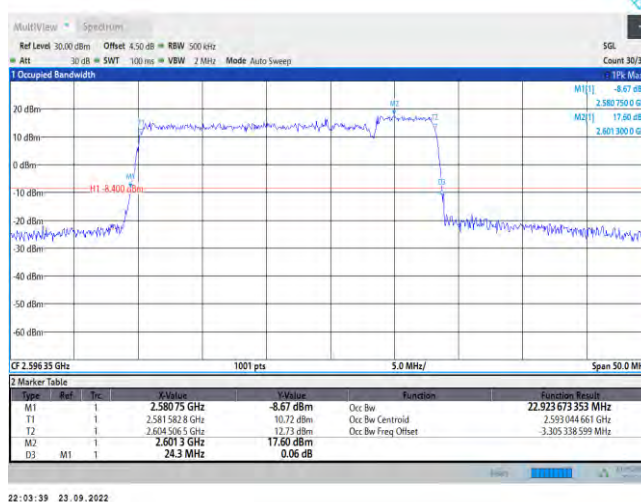
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41-41-20MHz-5MHz-16QAM-16QAM-40595-40712-100RB#0-25RB#0



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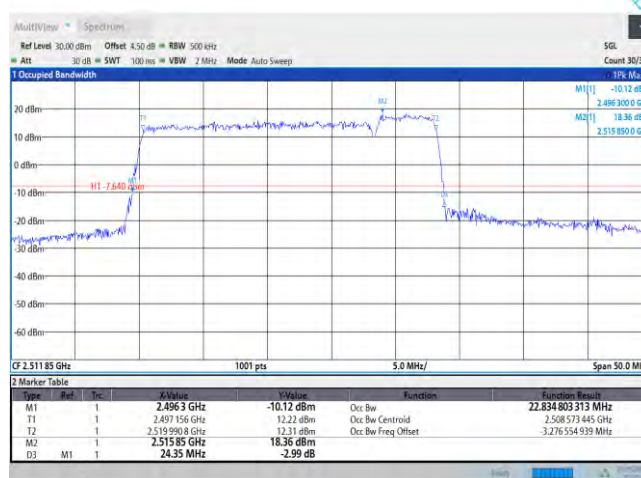
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41-41-20MHz-5MHz-16QAM-16QAM-41440-41557-100RB#0-25RB#0



22:05:21 23.09.2022

41-41-20MHz-5MHz-64QAM-64QAM-39750-39867-100RB#0-25RB#0



22:02:28 23.09.2022



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22:04:11 23.09.2022

41-41-20MHz-5MHz-64QAM-64QAM-41440-41557-100RB#0-25RB#0



22:05:53 23.09.2022



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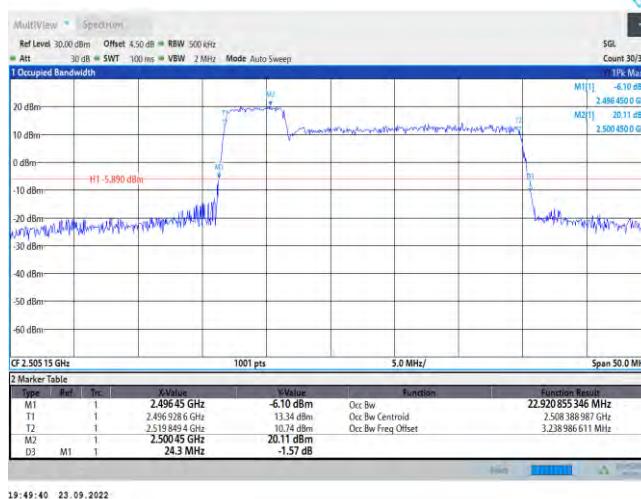
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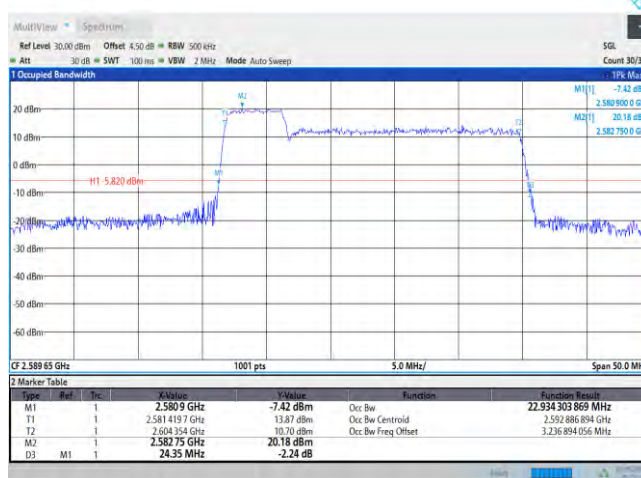
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19:49:40 23.09.2022

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



19:51:21 23.09.2022



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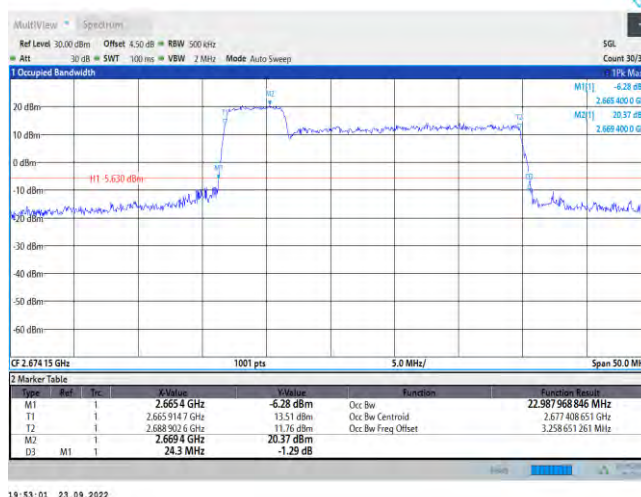
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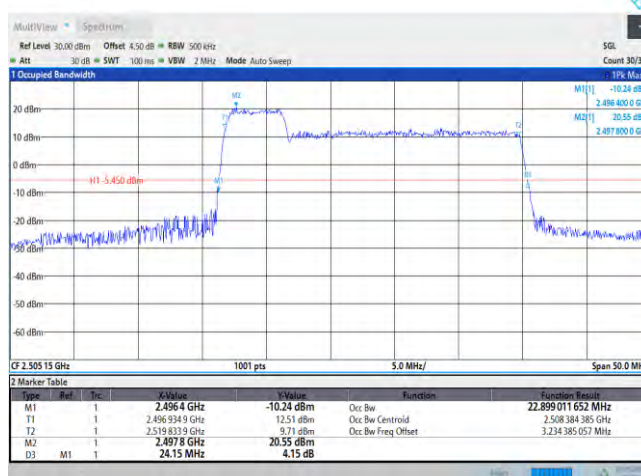
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19:53:01 23.09.2022

41-41-5MHz-20MHz-16QAM-16QAM-39683-39800-25RB#0-100RB#0



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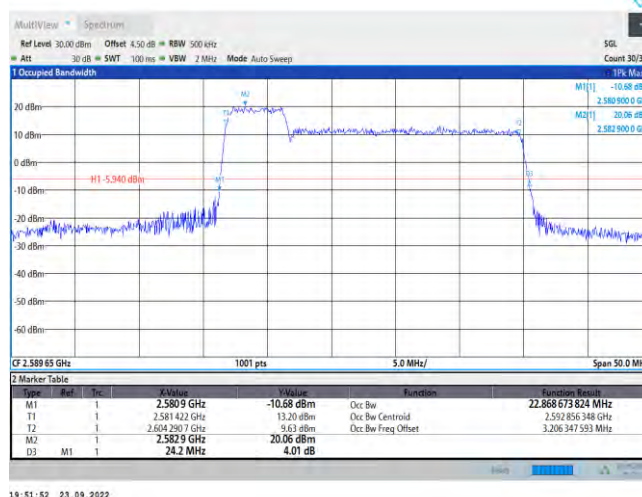
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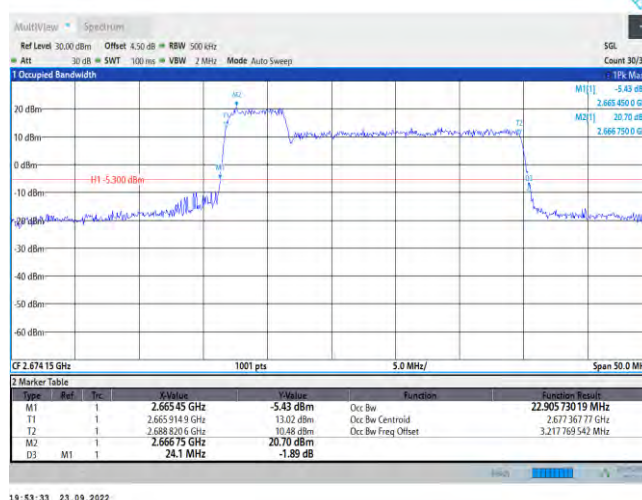
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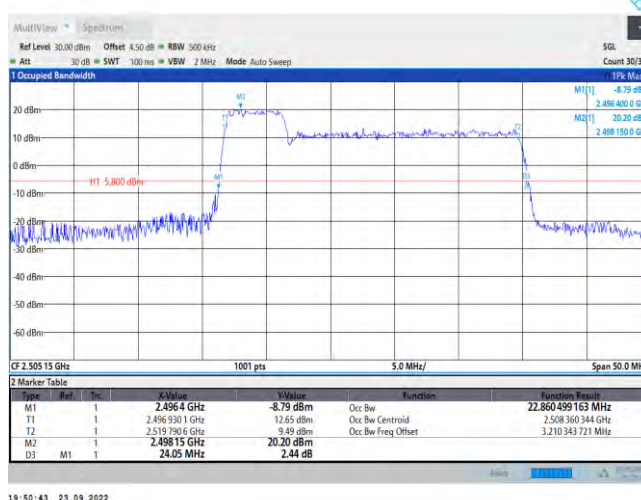
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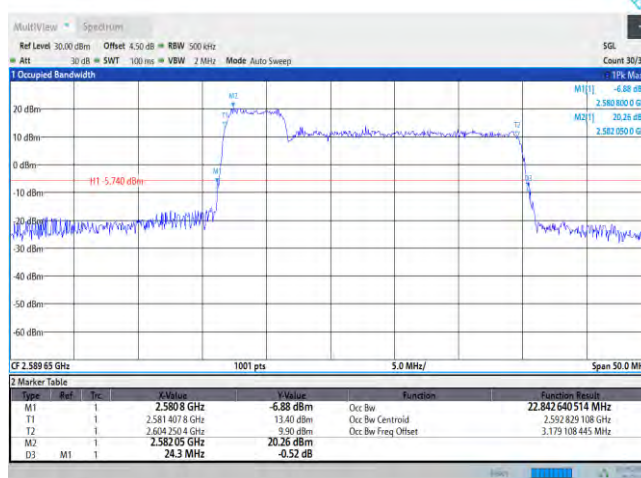
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41-41-5MHz-20MHz-64QAM-64QAM-39683-39800-25RB#0-100RB#0



19:50:43 23.09.2022

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



19:52:24 23.09.2022



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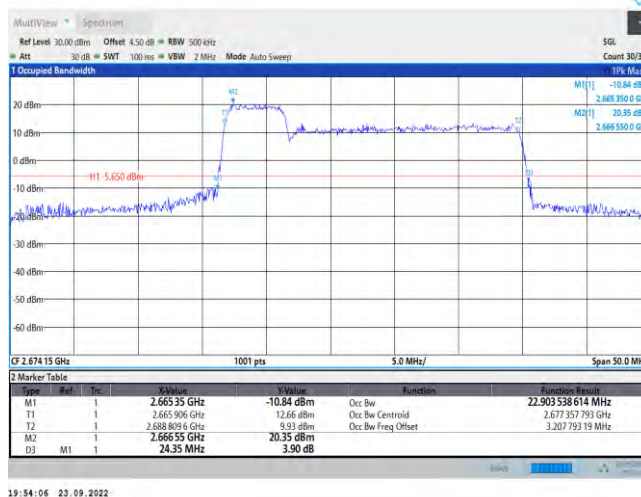
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41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0



19:54:06 23.09.2022



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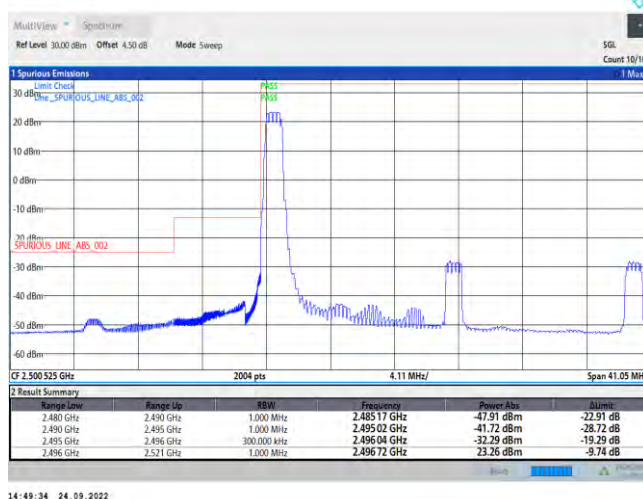
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Band Edge

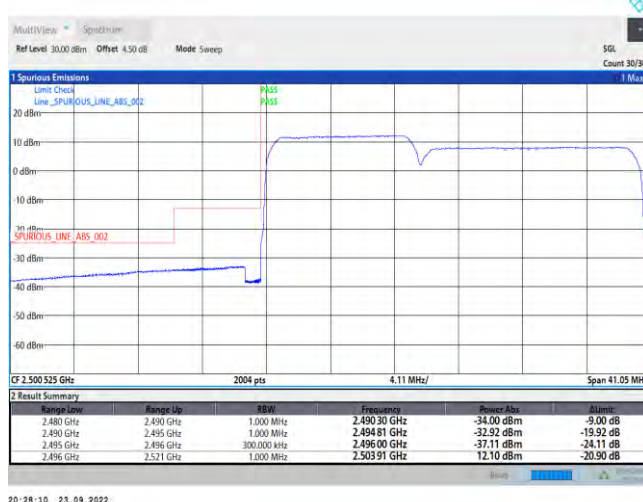
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41-41-10MHz-15MHz-QPSK-QPSK-39703-39823-1RB#0-0RB#0



14:49:34 24.09.2022

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



20:29:10 23.09.2022



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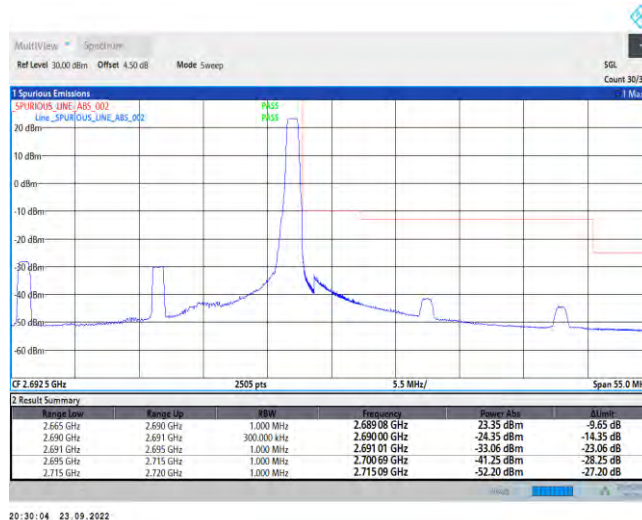
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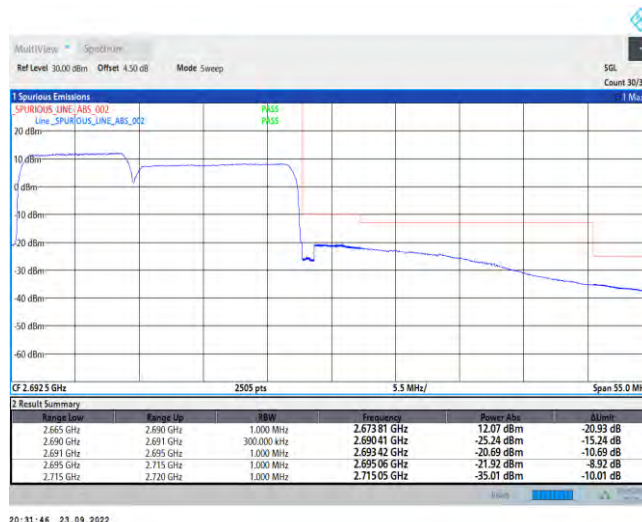
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41-41-10MHz-15MHz-QPSK-QPSK-41395-41515-0RB#0-1RB#74



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



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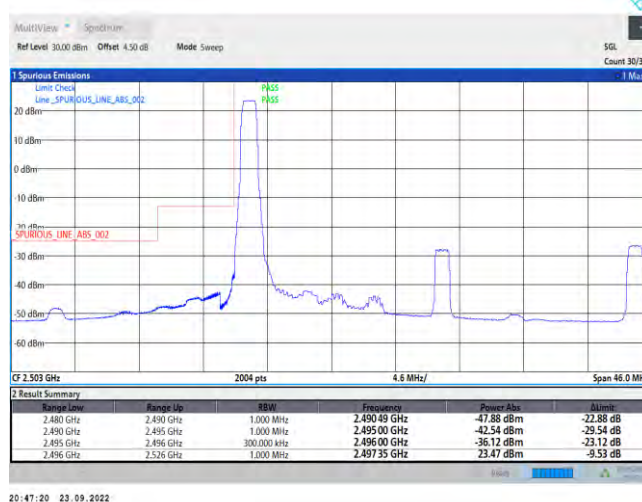
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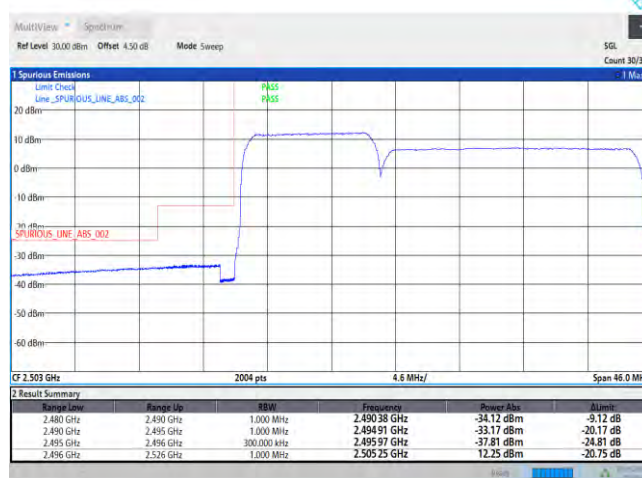
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41-41-10MHz-20MHz-QPSK-QPSK-39705-39849-1RB#0-0RB#0



20:47:20 23.09.2022

41-41-10MHz-20MHz-QPSK-QPSK-39705-39849-50RB#0-100RB#0



20:48:47 23.09.2022



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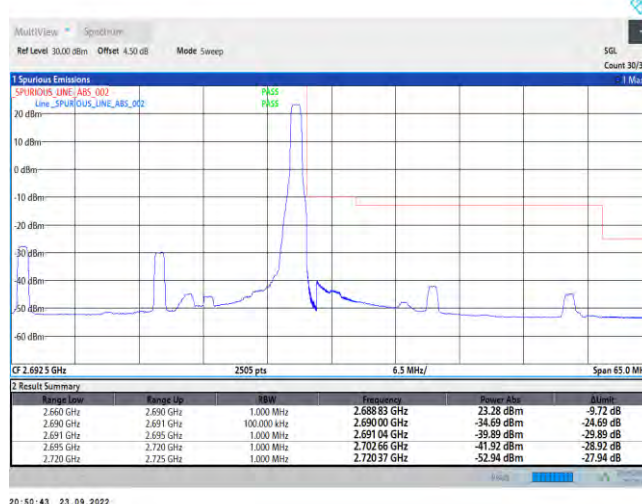
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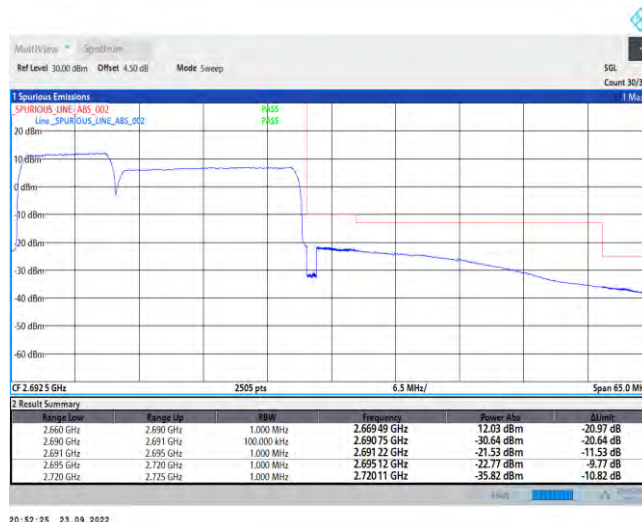
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41-41-10MHz-20MHz-QPSK-QPSK-41346-41490-0RB#0-1RB#99



41-41-10MHz-20MHz-QPSK-QPSK-41346-41490-50RB#0-100RB#0



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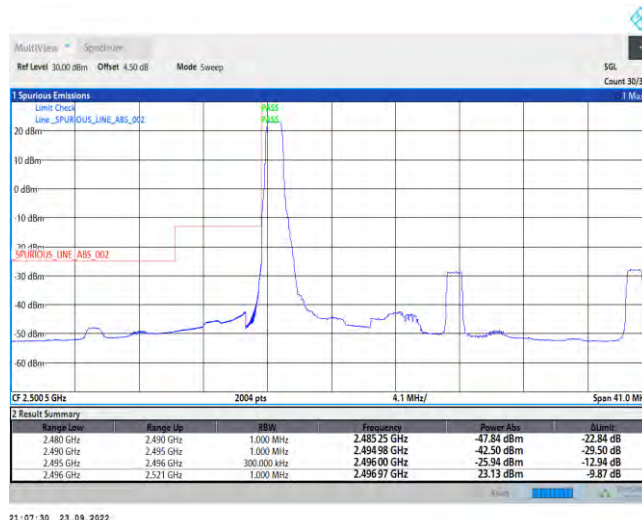
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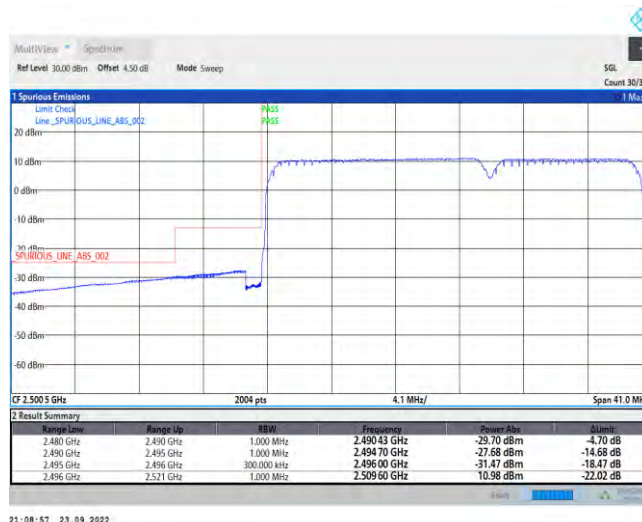
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41-41-15MHz-10MHz-QPSK-QPSK-39725-39845-1RB#0-0RB#0



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



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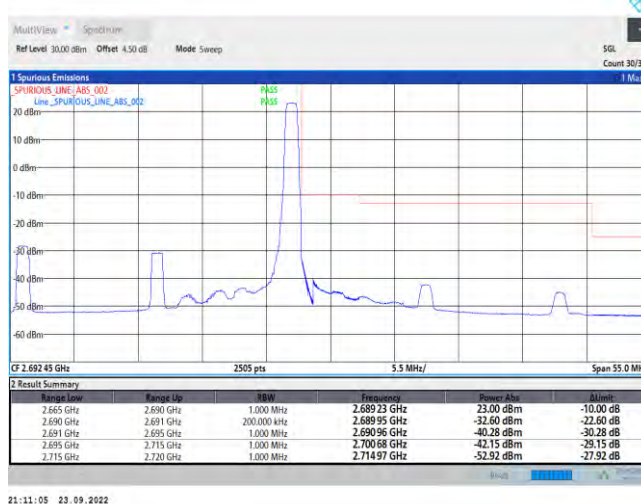
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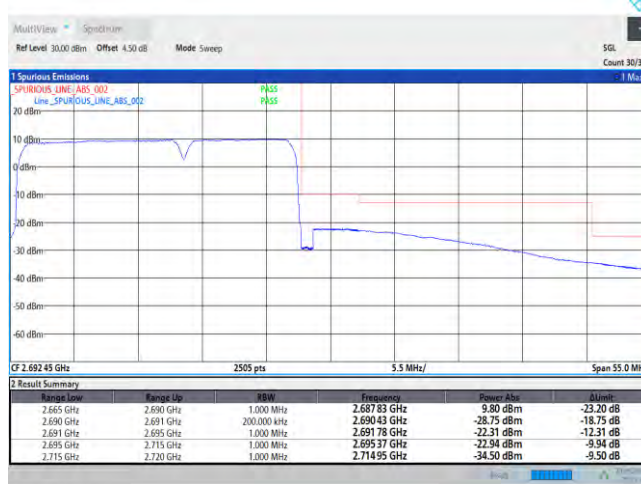
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41-41-15MHz-10MHz-QPSK-QPSK-41417-41537-0RB#0-1RB#49



21:11:05 23.09.2022

41-41-15MHz-10MHz-QPSK-QPSK-41417-41537-75RB#0-50RB#0



21:12:46 23.09.2022



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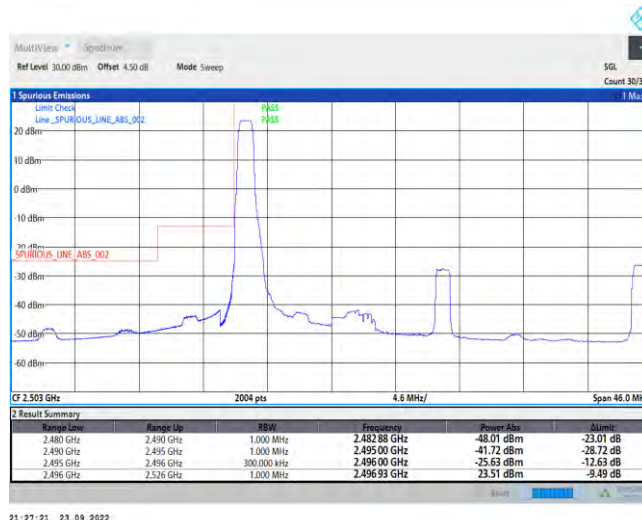
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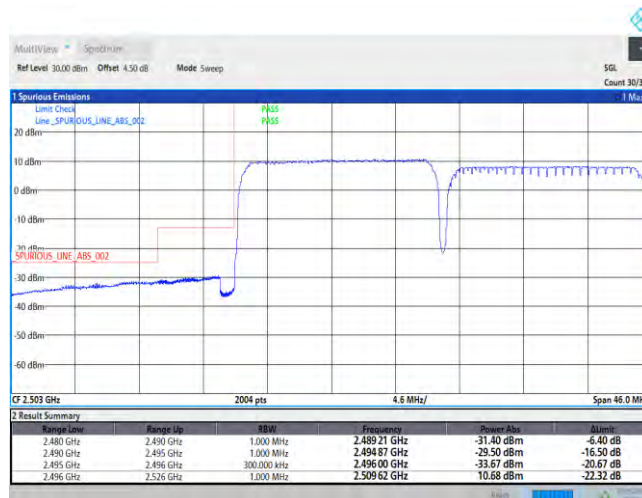
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21:27:21 23.09.2022

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21:28:47 23.09.2022



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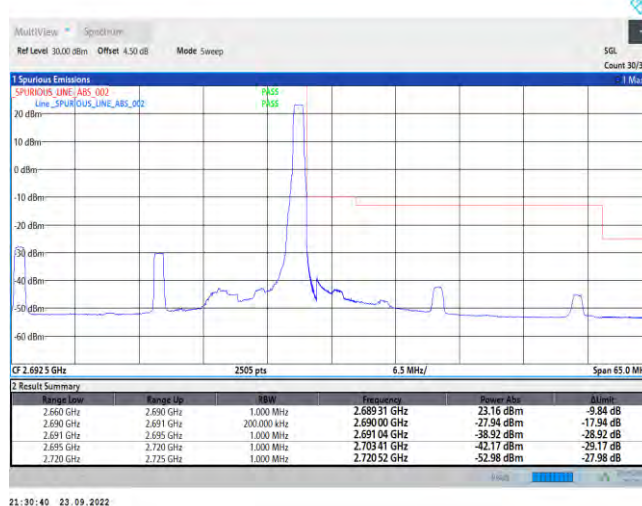
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21:30:40 23.09.2022

41-41-15MHz-15MHz-QPSK-QPSK-41365-41515-75RB#0-75RB#0



21:32:22 23.09.2022



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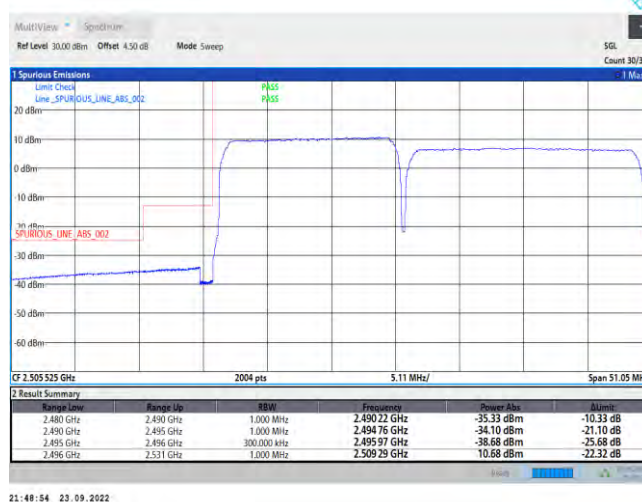
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41-41-15MHz-20MHz-QPSK-QPSK-39728-39899-1RB#0-0RB#0



41-41-15MHz-20MHz-QPSK-QPSK-39728-39899-75RB#0-100RB#0



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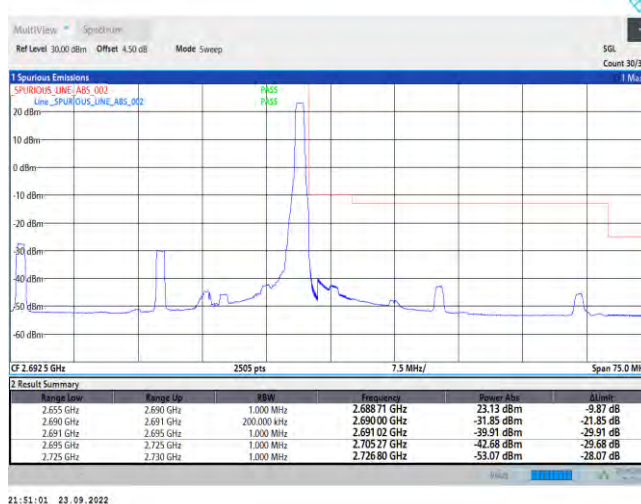
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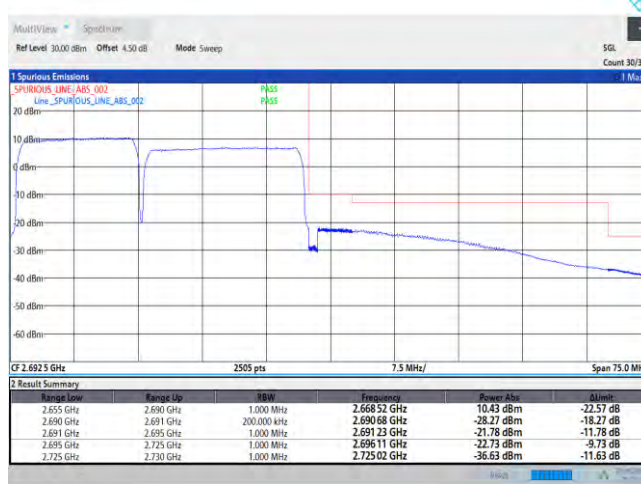
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21:51:01 23.09.2022

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



21:52:42 23.09.2022



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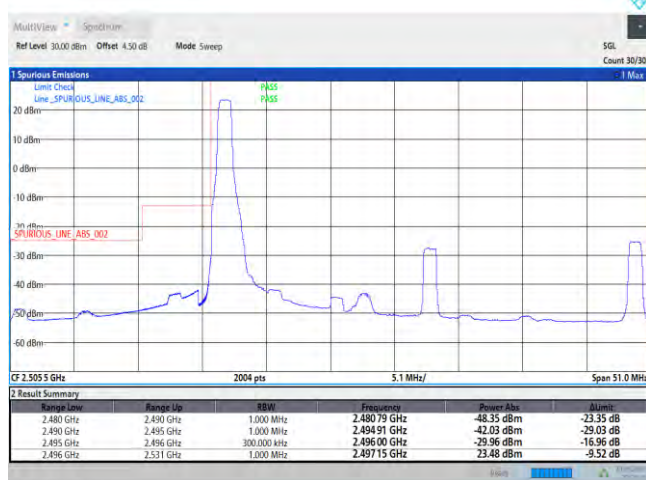
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41-41-20MHz-15MHz-QPSK-QPSK-39750-39921-100RB#0-75RB#0



22:29:53 23.09.2022

41-41-20MHz-15MHz-QPSK-QPSK-39750-39921-1RB#0-0RB#0



22:28:27 23.09.2022



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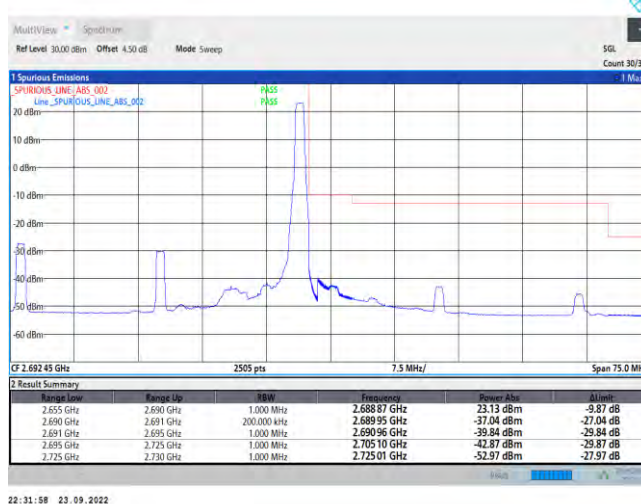
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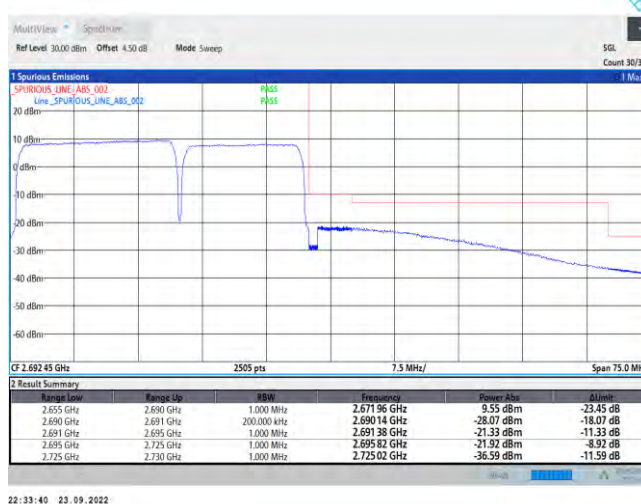
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41-41-20MHz-15MHz-QPSK-QPSK-41341-41512-0RB#0-1RB#74



22:31:58 23.09.2022

41-41-20MHz-15MHz-QPSK-QPSK-41341-41512-100RB#0-75RB#0



22:33:40 23.09.2022



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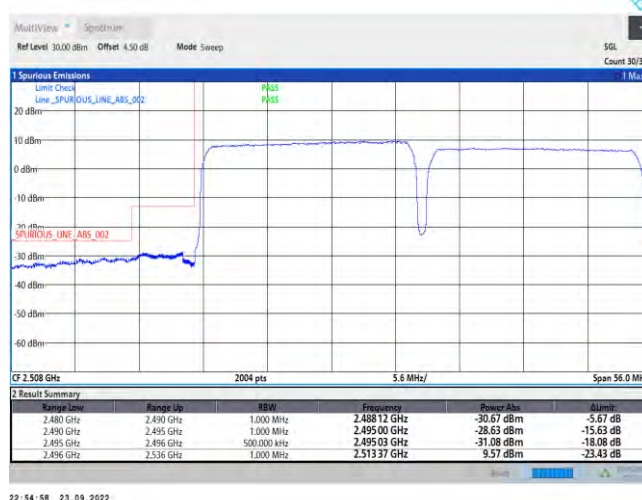
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41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



22:54:58 23.09.2022

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0



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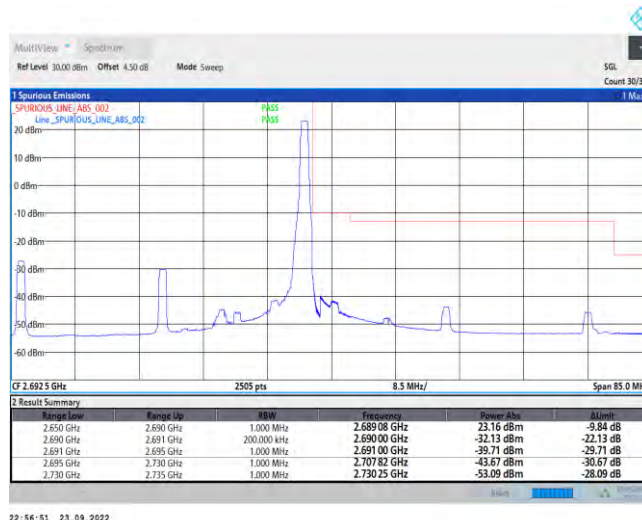
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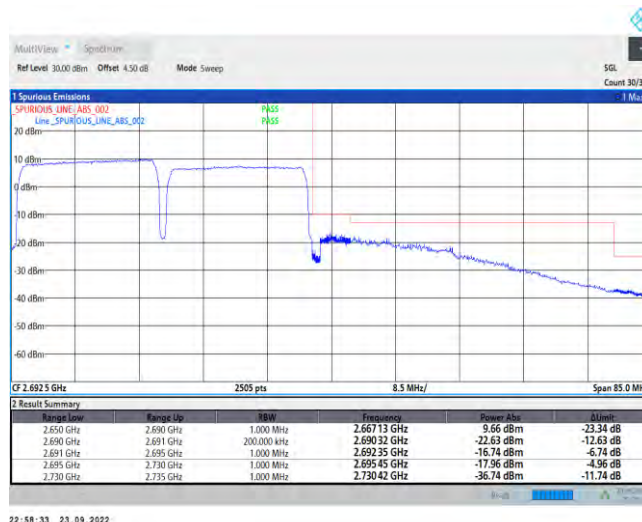
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41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-0RB#0-1RB#99



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



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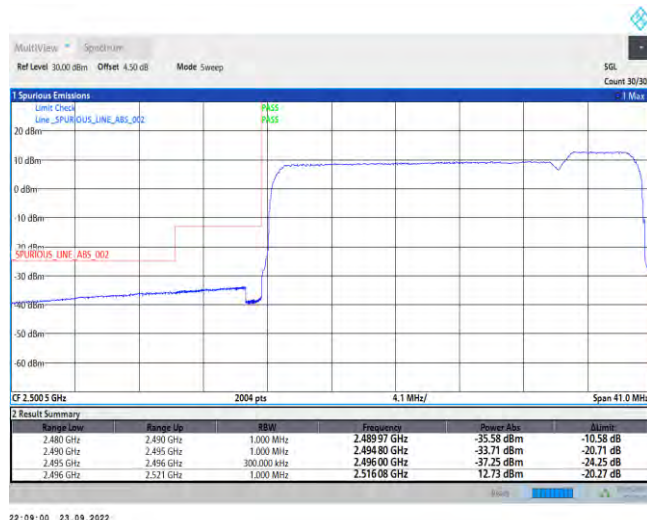
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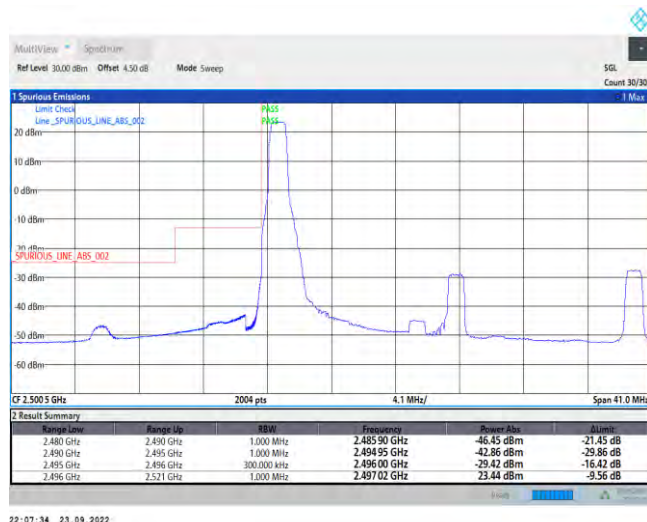
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41-41-20MHz-5MHz-QPSK-QPSK-39750-39867-100RB#0-25RB#0



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



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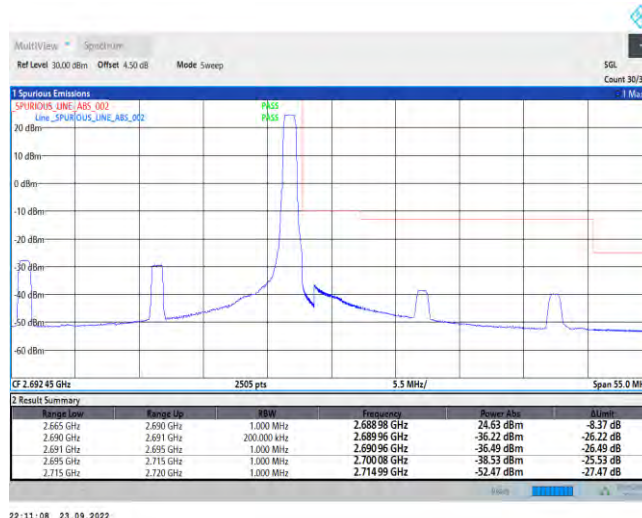
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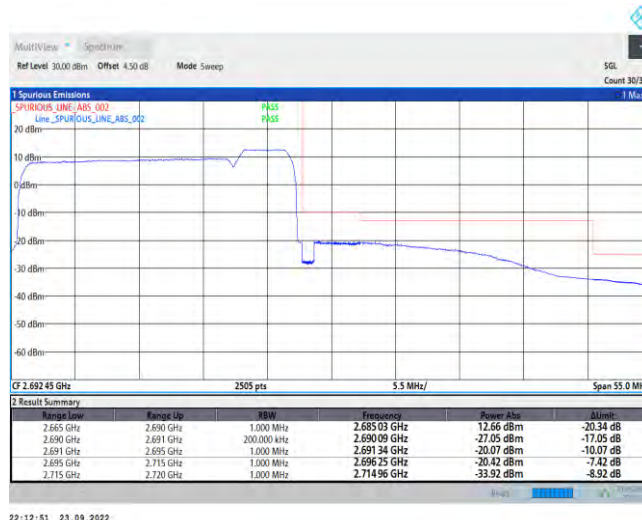
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41-41-20MHz-5MHz-QPSK-QPSK-41440-41557-0RB#0-1RB#24



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



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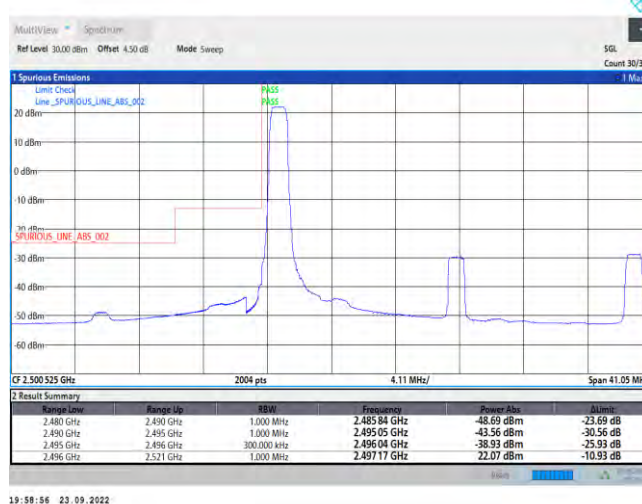
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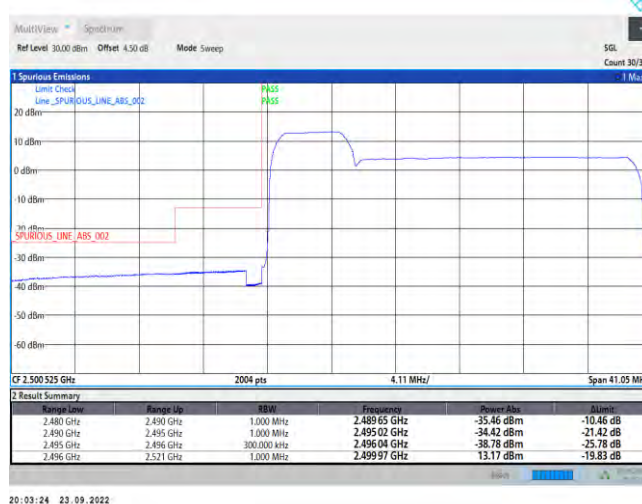
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41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-1RB#0-0RB#0



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



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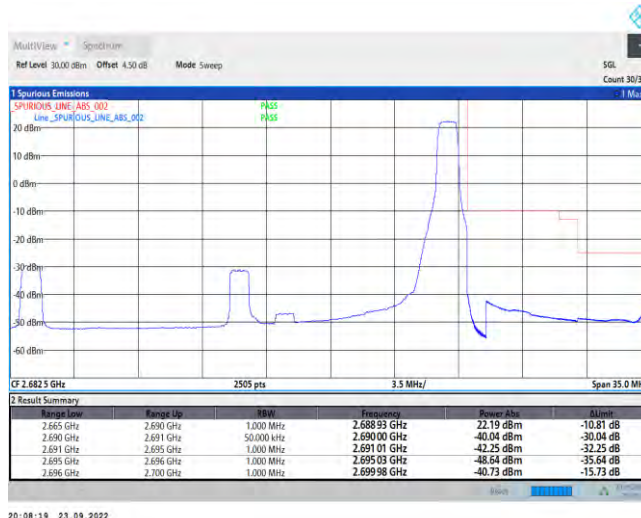
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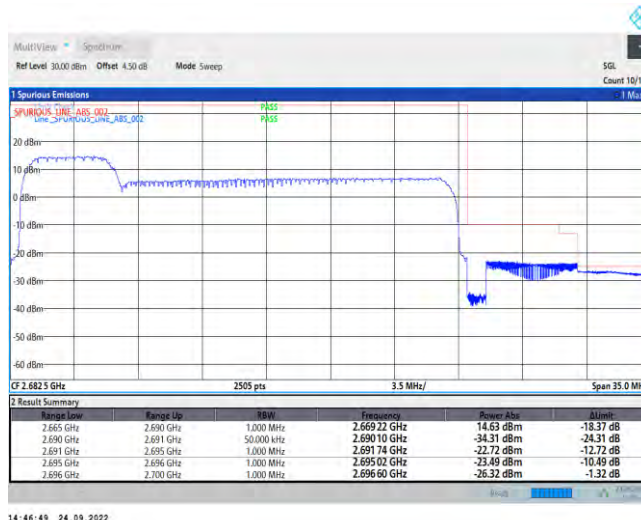
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41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-0RB#0-1RB#99



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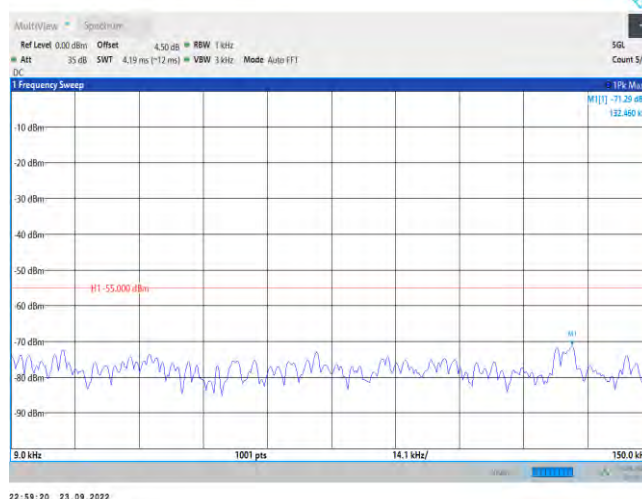
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Conducted Spurious Emission

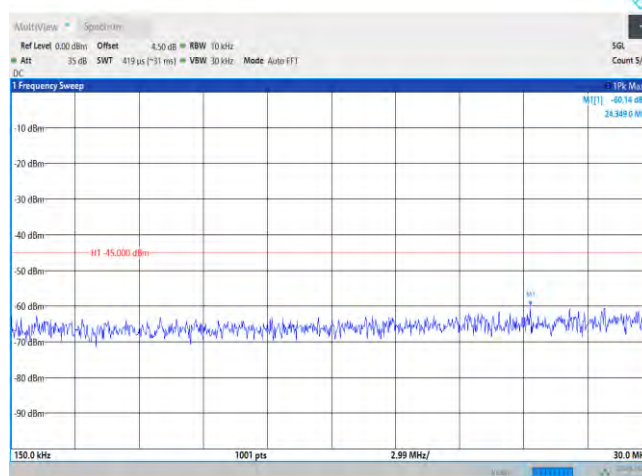
Test Graphs

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



22:59:20 23.09.2022

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-0.15~30MHz



22:59:27 23.09.2022



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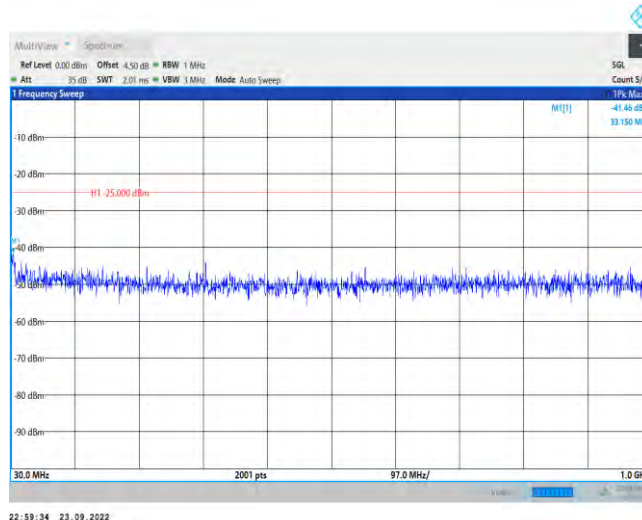
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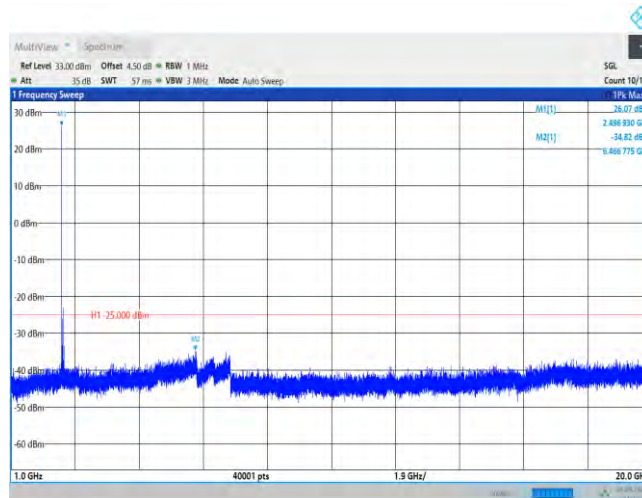
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41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-30~1000MHz



22:59:34 23.09.2022

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-1000~20000MHz



21:25:55 26.09.2022



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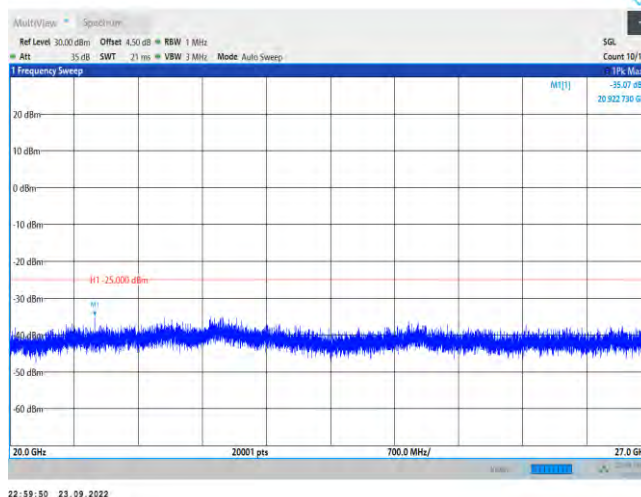
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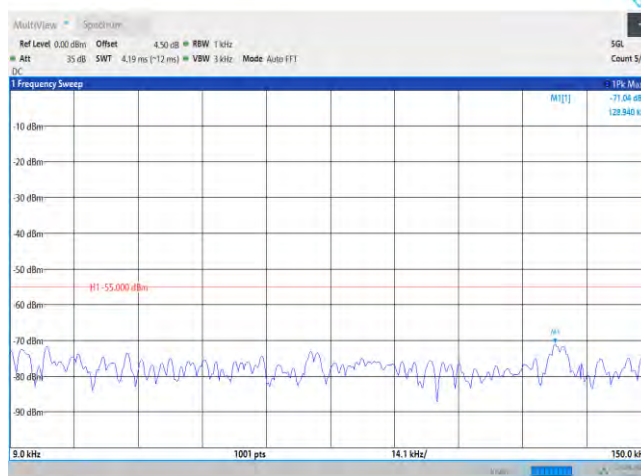
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41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-20000~27000MHz



22:59:50 23.09.2022

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-0.009~0.15MHz



23:00:30 23.09.2022



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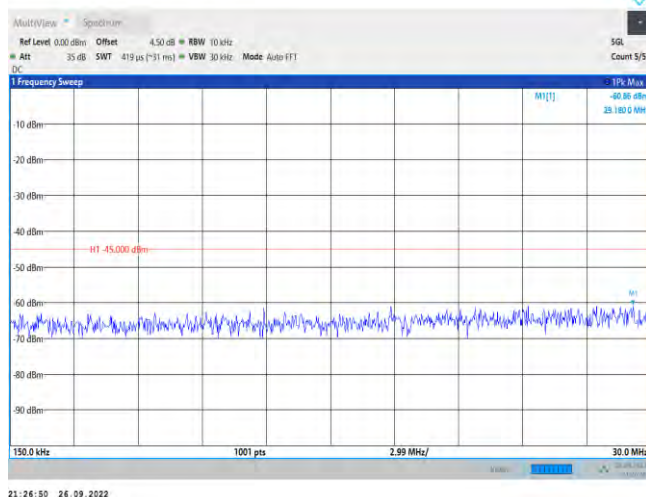
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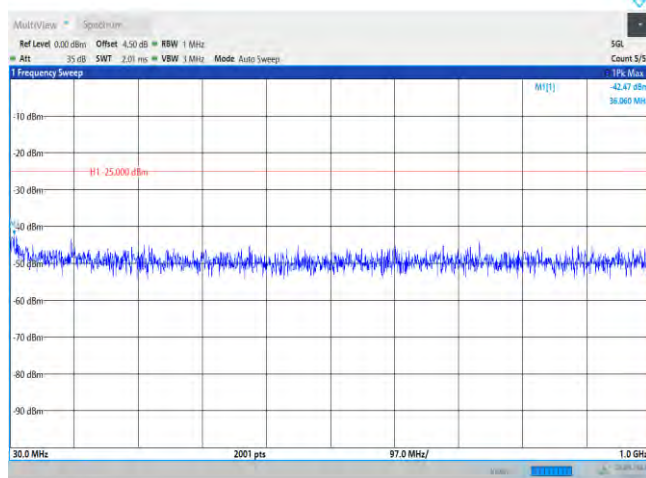
Page: 82 of 91

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



21:26:50 26.09.2022

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-30~1000MHz



21:26:57 26.09.2022



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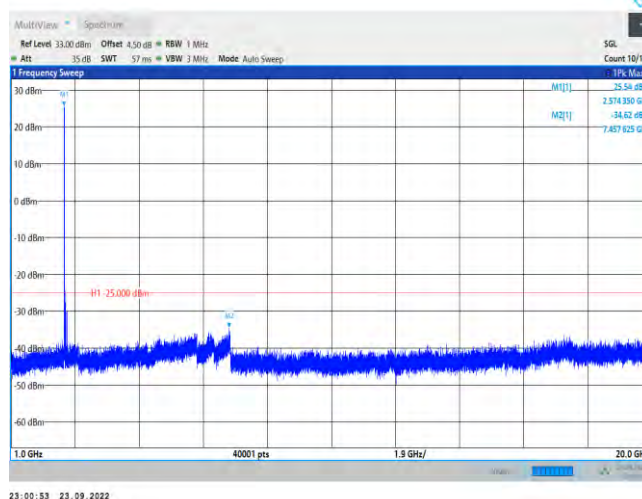
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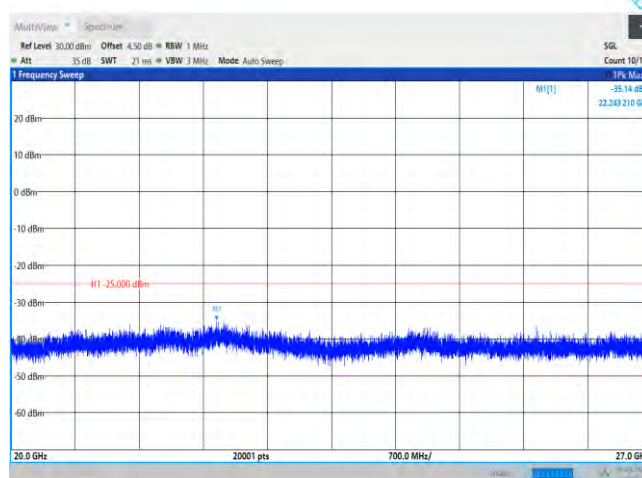
Page: 83 of 91

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



23:00:53 23.09.2022

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-20000~27000MHz



21:27:13 26.09.2022



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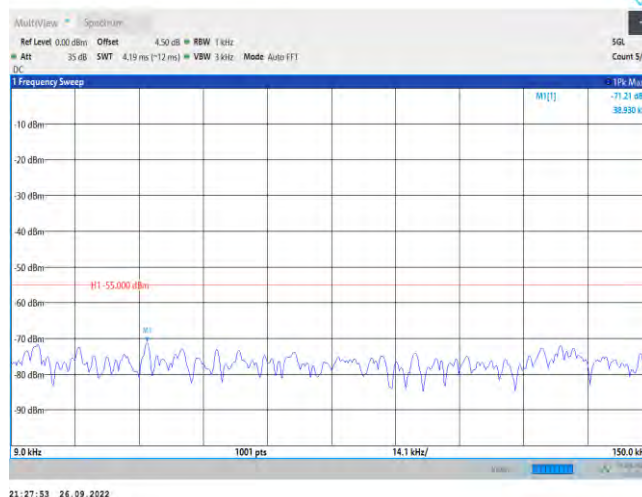
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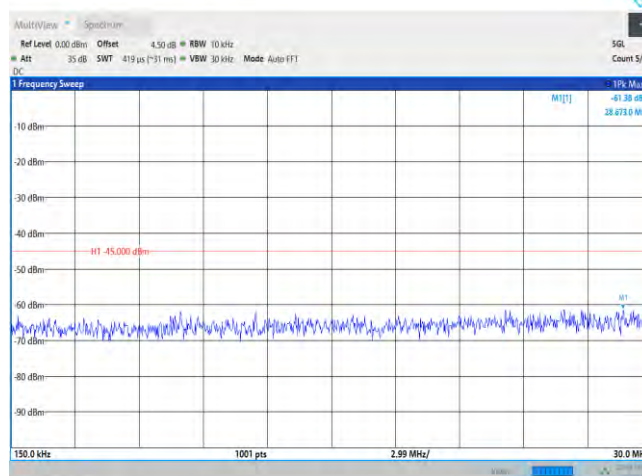
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41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-0.009~0.15MHz



21:27:53 26.09.2022

41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-0.15~30MHz



23:01:47 23.09.2022



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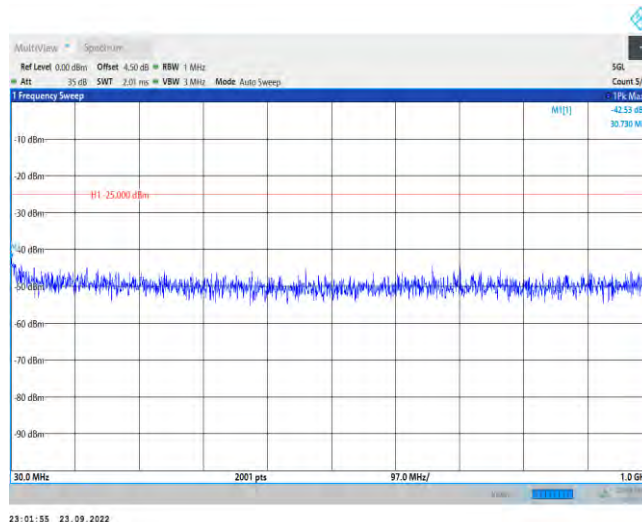
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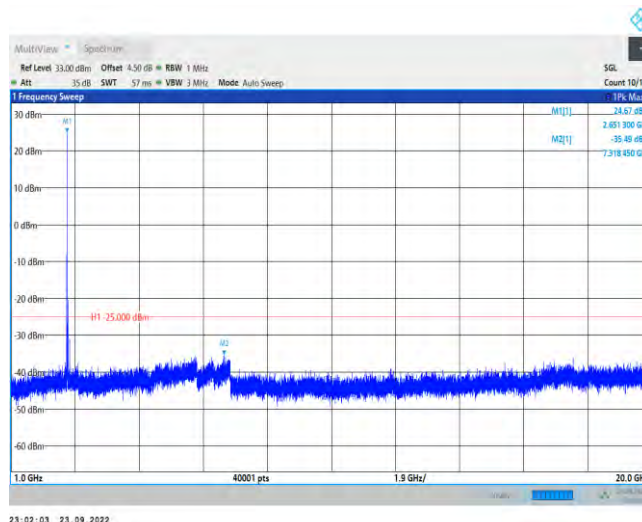
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41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-30~1000MHz



41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-1000~20000MHz



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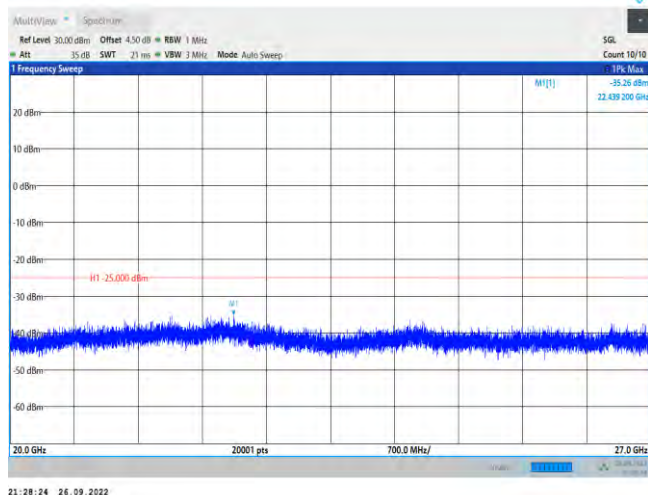
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41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-20000~27000MHz



21:28:24 26.09.2022



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Field Strength of Spurious Radiation

Test Band = UL CA Band 41_ 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	58.88	-45.63	32.86	-49.15	-25.00	24.15	163	72	Horizontal
2	7491	48.81	-43.16	36.44	-53.17	-25.00	28.17	215	0	Horizontal
3	9987.75	41.90	-39.25	38.47	-54.14	-25.00	29.14	136	269	Horizontal
4	12485.4500	28.51	-37.04	39.16	-64.63	-25.00	39.63	189	240	Horizontal
5	14982.5400	28.19	-34.64	39.26	-62.45	-25.00	37.45	272	164	Horizontal
6	17479.6300	29.15	-35.10	39.13	-62.08	-25.00	37.08	263	13	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	55.04	-45.63	32.86	-52.99	-25.00	27.99	163	86	Vertical
2	7491.2700	55.48	-43.16	36.44	-46.50	-25.00	21.50	241	269	Vertical
3	9988.3600	48.84	-39.25	38.47	-47.20	-25.00	22.20	225	0	Vertical
4	12485.4500	28.53	-37.04	39.16	-64.61	-25.00	39.61	197	0	Vertical
5	14982.5400	28.33	-34.64	39.26	-62.31	-25.00	37.31	163	58	Vertical
6	17479.6300	28.54	-35.10	39.13	-62.69	-25.00	37.69	145	0	Vertical



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Test Band = UL CA Band 41_ TM1
Test Channel = Middle

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3954	51.29	-46.15	30.69	-59.43	-25.00	34.43	157	267	Horizontal
2	5148.3800	65.58	-45.33	32.96	-42.04	-25.00	17.04	214	37	Horizontal
3	7722.5700	46.70	-42.94	36.63	-54.87	-25.00	29.87	223	344	Horizontal
4	10296.7600	35.58	-39.10	38.83	-59.95	-25.00	34.95	163	267	Horizontal
5	12870.9500	31.14	-37.03	39.70	-61.45	-25.00	36.45	157	68	Horizontal
6	15445.1400	29.17	-34.35	38.65	-61.79	-25.00	36.79	241	52	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	4565.25	49.84	-45.68	31.68	-59.43	-25.00	34.43	137	41	Vertical
2	5148.3800	61.14	-45.33	32.96	-46.48	-25.00	21.48	152	55	Vertical
3	7722.5700	54.15	-42.94	36.63	-47.42	-25.00	22.42	162	285	Vertical
4	10296.75	44.89	-39.10	38.83	-50.64	-25.00	25.64	213	0	Vertical
5	12870.9500	30.84	-37.03	39.70	-61.75	-25.00	36.75	263	193	Vertical
6	15445.1400	29.89	-34.35	38.65	-61.07	-25.00	36.07	229	0	Vertical



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Test Band = UL CA Band 41_ 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	4247.25	50.78	-45.66	31.20	-58.94	-25.00	33.94	152	238	Horizontal
2	5302.5	71.04	-45.10	32.89	-36.42	-25.00	11.42	155	269	Horizontal
3	7953.8700	49.69	-42.56	36.96	-51.18	-25.00	26.18	179	70	Horizontal
4	10605.1600	34.82	-38.44	39.06	-59.81	-25.00	34.81	241	252	Horizontal
5	13256.4500	31.24	-37.02	39.99	-61.05	-25.00	36.05	225	55	Horizontal
6	15907.5400	31.23	-34.35	38.02	-60.36	-25.00	35.36	264	207	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	4264.5	50.11	-45.62	31.23	-59.54	-25.00	34.54	153	72	Vertical
2	5302.5	68.24	-45.10	32.89	-39.22	-25.00	14.22	154	88	Vertical
3	7953.8700	54.44	-42.56	36.96	-46.43	-25.00	21.43	175	0	Vertical
4	10605	43.35	-38.44	39.06	-51.29	-25.00	26.29	132	347	Vertical
5	13256.4500	29.01	-37.02	39.99	-63.28	-25.00	38.28	228	72	Vertical
6	15907.5400	29.53	-34.35	38.02	-62.06	-25.00	37.06	276	209	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 (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VH	NT	30.00	0.011614	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VL	NT	39.40	0.015253	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VN	NT	39.00	0.015098	PASS



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Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	50	44.40	0.017189	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	40	33.00	0.012775	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	30	29.00	0.011227	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	20	37.10	0.014363	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	10	34.40	0.013317	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	0	45.10	0.017460	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-10	35.00	0.013550	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-20	32.30	0.012504	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-30	29.30	0.011343	PASS

---End of Attachment---



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