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# Appendix B.17

## LTE CA\_41C



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## Effective (Isotropic) Radiated Power Output Data

### Test Result

### ANT0

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	1RB#0-0RB#0	26.05	27.95	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	25.11	27.01	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	1RB#0-0RB#0	26.28	28.18	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	25.06	26.96	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	1RB#0-0RB#0	26.33	28.23	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	24.96	26.86	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	1RB#0-0RB#0	24.83	26.73	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	24.08	25.98	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	1RB#0-0RB#0	24.92	26.82	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	24.09	25.99	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	1RB#0-0RB#0	24.81	26.71	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	24.01	25.91	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	1RB#0-0RB#0	24.58	26.48	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	24.07	25.97	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	1RB#0-0RB#0	24.78	26.68	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	24.1	26	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	1RB#0-0RB#0	24.54	26.44	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	24	25.9	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	39703-39823	1RB#0-0RB#0	21.4	23.3	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	39703-39823	50RB#0-75RB#0	22.11	24.01	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	40549-40669	1RB#0-0RB#0	21.57	23.47	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	40549-40669	50RB#0-75RB#0	22.1	24	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	41395-41515	1RB#0-0RB#0	21.46	23.36	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	41395-41515	50RB#0-75RB#0	21.98	23.88	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	1RB#0-0RB#0	26.05	27.95	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	25.09	26.99	33	PASS



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41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	1RB#0-0RB#0	26.19	28.09	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	25.07	26.97	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	1RB#0-0RB#0	26.05	27.95	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	24.97	26.87	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	1RB#0-0RB#0	24.86	26.76	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	24.09	25.99	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	1RB#0-0RB#0	24.94	26.84	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	24.11	26.01	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	1RB#0-0RB#0	24.75	26.65	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	24	25.9	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	1RB#0-0RB#0	24.54	26.44	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	24.07	25.97	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	1RB#0-0RB#0	24.74	26.64	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	24.1	26	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	1RB#0-0RB#0	24.57	26.47	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	23.99	25.89	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	39705-39849	1RB#0-0RB#0	21.42	23.32	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	39705-39849	50RB#0-100RB#0	22.1	24	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	40526-40670	1RB#0-0RB#0	21.66	23.56	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	40526-40670	50RB#0-100RB#0	22.11	24.01	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	41346-41490	1RB#0-0RB#0	21.41	23.31	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	41346-41490	50RB#0-100RB#0	21.98	23.88	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	1RB#0-0RB#0	26.03	27.93	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	25.08	26.98	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	1RB#0-0RB#0	26.22	28.12	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	25.06	26.96	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	1RB#0-0RB#0	25.94	27.84	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	24.96	26.86	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	1RB#0-0RB#0	24.86	26.76	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	24.08	25.98	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	1RB#0-0RB#0	24.96	26.86	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	24.07	25.97	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	1RB#0-0RB#0	24.79	26.69	33	PASS



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Table with 9 columns: Item ID, Frequency, Modulation, Test ID, Standard, Result 1, Result 2, Pass/Fail, Overall Status. Contains 40 rows of test data.



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41-41	15MHz-15MHz	256QAM-256QAM	40545-40695	1RB#0-0RB#0	21.54	23.44	33	PASS
41-41	15MHz-15MHz	256QAM-256QAM	40545-40695	75RB#0-75RB#0	22.1	24	33	PASS
41-41	15MHz-15MHz	256QAM-256QAM	41365-41515	1RB#0-0RB#0	21.32	23.22	33	PASS
41-41	15MHz-15MHz	256QAM-256QAM	41365-41515	75RB#0-75RB#0	21.94	23.84	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	1RB#0-0RB#0	25.97	27.87	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	25.08	26.98	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	1RB#0-0RB#0	26.14	28.04	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	25.09	26.99	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	1RB#0-0RB#0	25.87	27.77	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	24.92	26.82	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	1RB#0-0RB#0	24.81	26.71	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	24.09	25.99	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	1RB#0-0RB#0	24.94	26.84	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	24.09	25.99	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	1RB#0-0RB#0	24.71	26.61	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	23.96	25.86	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	1RB#0-0RB#0	24.76	26.66	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	24.08	25.98	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	1RB#0-0RB#0	24.78	26.68	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	24.08	25.98	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	1RB#0-0RB#0	24.59	26.49	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	23.97	25.87	33	PASS
41-41	15MHz-20MHz	256QAM-256QAM	39728-39899	1RB#0-0RB#0	21.43	23.33	33	PASS
41-41	15MHz-20MHz	256QAM-256QAM	39728-39899	75RB#0-100RB#0	22.09	23.99	33	PASS
41-41	15MHz-20MHz	256QAM-256QAM	40523-40694	1RB#0-0RB#0	21.44	23.34	33	PASS
41-41	15MHz-20MHz	256QAM-256QAM	40523-40694	75RB#0-100RB#0	22.1	24	33	PASS
41-41	15MHz-20MHz	256QAM-256QAM	41319-41490	1RB#0-0RB#0	21.2	23.1	33	PASS
41-41	15MHz-20MHz	256QAM-256QAM	41319-41490	75RB#0-100RB#0	21.94	23.84	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	25.31	27.21	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	1RB#0-0RB#0	26.07	27.97	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	24.97	26.87	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	1RB#0-0RB#0	26.11	28.01	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	24.81	26.71	33	PASS



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41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	1RB#0-0RB#0	25.8	27.7	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	24.68	26.58	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	1RB#0-0RB#0	24.66	26.56	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	24.01	25.91	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	1RB#0-0RB#0	24.94	26.84	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	23.86	25.76	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	1RB#0-0RB#0	24.67	26.57	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	24.72	26.62	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	1RB#0-0RB#0	24.43	26.33	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	23.95	25.85	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	1RB#0-0RB#0	24.74	26.64	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	23.9	25.8	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	1RB#0-0RB#0	24.48	26.38	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	39750-39921	100RB#0-75RB#0	22.6	24.5	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	39750-39921	1RB#0-0RB#0	21.33	23.23	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	40546-40717	100RB#0-75RB#0	22	23.9	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	40546-40717	1RB#0-0RB#0	21.56	23.46	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	41341-41512	100RB#0-75RB#0	21.95	23.85	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	41341-41512	1RB#0-0RB#0	21.25	23.15	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	24.99	26.89	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	1RB#0-0RB#0	25.88	27.78	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	24.98	26.88	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	1RB#0-0RB#0	26.13	28.03	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	24.86	26.76	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	1RB#0-0RB#0	25.8	27.7	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	24.03	25.93	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	1RB#0-0RB#0	24.74	26.64	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	24	25.9	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	1RB#0-0RB#0	24.78	26.68	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	23.86	25.76	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	1RB#0-0RB#0	24.67	26.57	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	23.96	25.86	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	1RB#0-0RB#0	24.53	26.43	33	PASS



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41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	23.98	25.88	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	1RB#0-0RB#0	24.53	26.43	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	23.84	25.74	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	1RB#0-0RB#0	24.51	26.41	33	PASS
41-41	20MHz-20MHz	256QAM-256QAM	39750-39948	100RB#0-100RB#0	22	23.9	33	PASS
41-41	20MHz-20MHz	256QAM-256QAM	39750-39948	1RB#0-0RB#0	21.32	23.22	33	PASS
41-41	20MHz-20MHz	256QAM-256QAM	40521-40719	100RB#0-100RB#0	22.03	23.93	33	PASS
41-41	20MHz-20MHz	256QAM-256QAM	40521-40719	1RB#0-0RB#0	21.55	23.45	33	PASS
41-41	20MHz-20MHz	256QAM-256QAM	41292-41490	100RB#0-100RB#0	21.85	23.75	33	PASS
41-41	20MHz-20MHz	256QAM-256QAM	41292-41490	1RB#0-0RB#0	21.29	23.19	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	25.07	26.97	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	1RB#0-0RB#0	26.01	27.91	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	25.02	26.92	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	1RB#0-0RB#0	26.01	27.91	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	24.92	26.82	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	1RB#0-0RB#0	25.89	27.79	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	24.1	26	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	1RB#0-0RB#0	24.89	26.79	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	24.03	25.93	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	1RB#0-0RB#0	24.98	26.88	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	23.95	25.85	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	1RB#0-0RB#0	24.81	26.71	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	24.04	25.94	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	1RB#0-0RB#0	24.81	26.71	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	24.01	25.91	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	1RB#0-0RB#0	24.8	26.7	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	23.93	25.83	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	1RB#0-0RB#0	24.52	26.42	33	PASS
41-41	20MHz-5MHz	256QAM-256QAM	39750-39867	100RB#0-25RB#0	22.11	24.01	33	PASS
41-41	20MHz-5MHz	256QAM-256QAM	39750-39867	1RB#0-0RB#0	21.33	23.23	33	PASS
41-41	20MHz-5MHz	256QAM-256QAM	40595-40712	100RB#0-25RB#0	22.04	23.94	33	PASS
41-41	20MHz-5MHz	256QAM-256QAM	40595-40712	1RB#0-0RB#0	21.58	23.48	33	PASS
41-41	20MHz-5MHz	256QAM-256QAM	41440-41557	100RB#0-25RB#0	21.95	23.85	33	PASS



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41-41	20MHz-5MHz	256QAM-256QAM	41440-41557	1RB#0-0RB#0	21.34	23.24	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	1RB#0-0RB#0	26.08	27.98	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	25.04	26.94	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	1RB#0-0RB#0	26.22	28.12	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	25.07	26.97	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	1RB#0-0RB#0	25.96	27.86	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	24.91	26.81	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	1RB#0-0RB#0	25.31	27.21	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	24.09	25.99	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	1RB#0-0RB#0	24.92	26.82	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	24.12	26.02	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	1RB#0-0RB#0	24.76	26.66	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	23.98	25.88	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	1RB#0-0RB#0	24.66	26.56	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	24.05	25.95	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	1RB#0-0RB#0	24.8	26.7	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	24.08	25.98	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	1RB#0-0RB#0	24.59	26.49	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	23.97	25.87	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	39683-39800	1RB#0-0RB#0	21.52	23.42	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	39683-39800	25RB#0-100RB#0	22.06	23.96	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	40528-40645	1RB#0-0RB#0	21.66	23.56	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	40528-40645	25RB#0-100RB#0	22.07	23.97	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	41373-41490	1RB#0-0RB#0	21.41	23.31	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	41373-41490	25RB#0-100RB#0	21.97	23.87	33	PASS



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ANT2

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	26.28	28.18	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	25	26.9	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	1RB#0-0RB#0	26.23	28.13	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	25.22	27.12	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	1RB#0-0RB#0	26.21	28.11	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	25.14	27.04	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	1RB#0-0RB#0	24.7	26.6	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	24	25.9	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	1RB#0-0RB#0	25.08	26.98	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	24.24	26.14	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	1RB#0-0RB#0	25.12	27.02	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	24.19	26.09	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	1RB#0-0RB#0	24.39	26.29	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	24.09	25.99	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	1RB#0-0RB#0	24.93	26.83	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	24.23	26.13	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	1RB#0-0RB#0	24.99	26.89	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	24.23	26.13	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	39703-39823	1RB#0-0RB#0	21.42	23.32	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	39703-39823	50RB#0-75RB#0	22.01	23.91	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	40549-40669	1RB#0-0RB#0	21.61	23.51	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	40549-40669	50RB#0-75RB#0	22.26	24.16	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	41395-41515	1RB#0-0RB#0	21.65	23.55	33	PASS
41-41	10MHz-15MHz	256QAM-256QAM	41395-41515	50RB#0-75RB#0	22.2	24.1	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	1RB#0-0RB#0	25.95	27.85	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	24.98	26.88	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	1RB#0-0RB#0	26.28	28.18	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	25.2	27.1	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	1RB#0-0RB#0	26.2	28.1	33	PASS



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41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	25.13	27.03	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	1RB#0-0RB#0	24.79	26.69	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	24.35	26.25	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	1RB#0-0RB#0	25.14	27.04	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	24.24	26.14	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	1RB#0-0RB#0	25.05	26.95	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	24.19	26.09	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	1RB#0-0RB#0	24.51	26.41	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	24.11	26.01	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	1RB#0-0RB#0	24.82	26.72	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	24.22	26.12	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	1RB#0-0RB#0	24.89	26.79	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	24.19	26.09	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	39705-39849	1RB#0-0RB#0	21.33	23.23	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	39705-39849	50RB#0-100RB#0	22.62	24.52	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	40526-40670	1RB#0-0RB#0	21.67	23.57	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	40526-40670	50RB#0-100RB#0	22.23	24.13	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	41346-41490	1RB#0-0RB#0	21.6	23.5	33	PASS
41-41	10MHz-20MHz	256QAM-256QAM	41346-41490	50RB#0-100RB#0	22.16	24.06	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	1RB#0-0RB#0	26.31	28.21	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	26.11	28.01	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	1RB#0-0RB#0	26.39	28.29	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	25.16	27.06	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	1RB#0-0RB#0	26.54	28.44	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	25.1	27	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	1RB#0-0RB#0	24.68	26.58	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	24.19	26.09	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	1RB#0-0RB#0	25.05	26.95	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	24.22	26.12	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	1RB#0-0RB#0	24.86	26.76	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	24.13	26.03	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	1RB#0-0RB#0	24.44	26.34	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	23.91	25.81	33	PASS



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Table with 9 columns: Item ID, Frequency, Modulation, Standard, Test Method, and Results. All results are PASS.



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41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	24.2	26.1	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	1RB#0-0RB#0	25.02	26.92	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	24.17	26.07	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	1RB#0-0RB#0	25.08	26.98	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	24.14	26.04	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	1RB#0-0RB#0	24.56	26.46	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	24.19	26.09	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	1RB#0-0RB#0	24.83	26.73	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	24.18	26.08	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	1RB#0-0RB#0	25.01	26.91	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	39750-39921	100RB#0-75RB#0	21.98	23.88	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	39750-39921	1RB#0-0RB#0	21.29	23.19	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	40546-40717	100RB#0-75RB#0	22.21	24.11	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	40546-40717	1RB#0-0RB#0	21.65	23.55	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	41341-41512	100RB#0-75RB#0	22.16	24.06	33	PASS
41-41	20MHz-15MHz	256QAM-256QAM	41341-41512	1RB#0-0RB#0	21.61	23.51	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	25.6	27.5	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	1RB#0-0RB#0	25.88	27.78	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	25.19	27.09	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	1RB#0-0RB#0	26.17	28.07	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	25.15	27.05	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	1RB#0-0RB#0	26.15	28.05	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	24.81	26.71	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	1RB#0-0RB#0	24.77	26.67	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	24.19	26.09	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	1RB#0-0RB#0	24.96	26.86	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	24.17	26.07	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	1RB#0-0RB#0	25.03	26.93	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	24.06	25.96	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	1RB#0-0RB#0	24.54	26.44	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	24.23	26.13	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	1RB#0-0RB#0	24.76	26.66	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	24.16	26.06	33	PASS



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Table with 9 columns: Item ID, Frequency, Modulation, Channel Bandwidth, Modulation Error Rate (MER), and Pass/Fail status. The table contains 45 rows of test results, all of which are 'PASS'.



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41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	1RB#0-0RB#0	26.27	28.17	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	25.21	27.11	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	1RB#0-0RB#0	26.26	28.16	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	25.15	27.05	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	1RB#0-0RB#0	24.74	26.64	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	23.99	25.89	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	1RB#0-0RB#0	25.06	26.96	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	24.24	26.14	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	1RB#0-0RB#0	25.02	26.92	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	24.21	26.11	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	1RB#0-0RB#0	24.47	26.37	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	24.29	26.19	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	1RB#0-0RB#0	24.86	26.76	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	24.22	26.12	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	1RB#0-0RB#0	24.85	26.75	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	26.44	28.34	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	39683-39800	1RB#0-0RB#0	21.29	23.19	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	39683-39800	25RB#0-100RB#0	22.7	24.6	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	40528-40645	1RB#0-0RB#0	21.77	23.67	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	40528-40645	25RB#0-100RB#0	22.21	24.11	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	41373-41490	1RB#0-0RB#0	21.73	23.63	33	PASS
41-41	5MHz-20MHz	256QAM-256QAM	41373-41490	25RB#0-100RB#0	22.19	24.09	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	8.48	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	8.62	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	8.44	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	9.06	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	9.00	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	8.80	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	9.08	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	9.06	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	8.94	13	PASS
41-41	20MHz-20MHz	256QAM-256QAM	39750-39948	100RB#0-100RB#0	9.20	13	PASS
41-41	20MHz-20MHz	256QAM-256QAM	40521-40719	100RB#0-100RB#0	9.22	13	PASS
41-41	20MHz-20MHz	256QAM-256QAM	41292-41490	100RB#0-100RB#0	9.26	13	PASS



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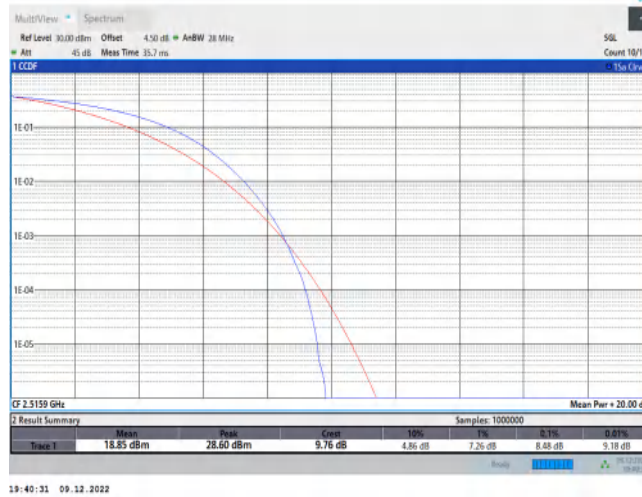
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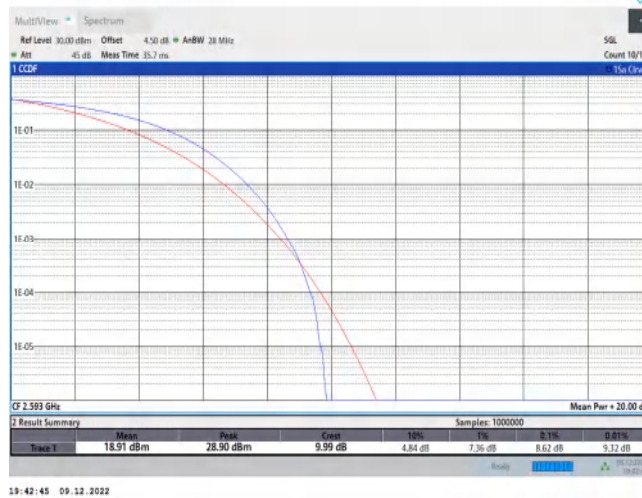


Test Graphs

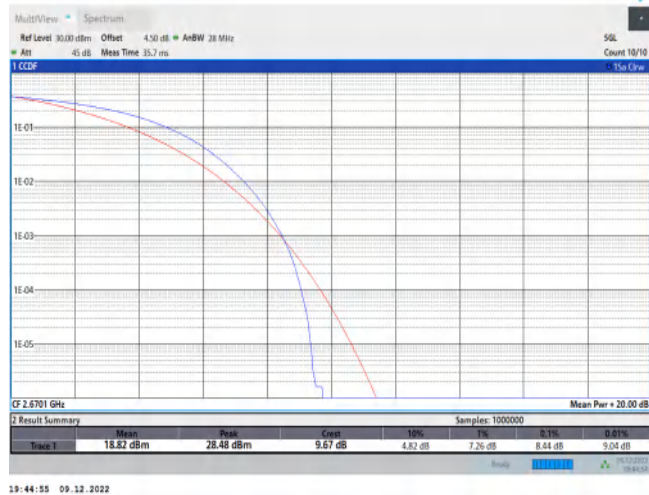
41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



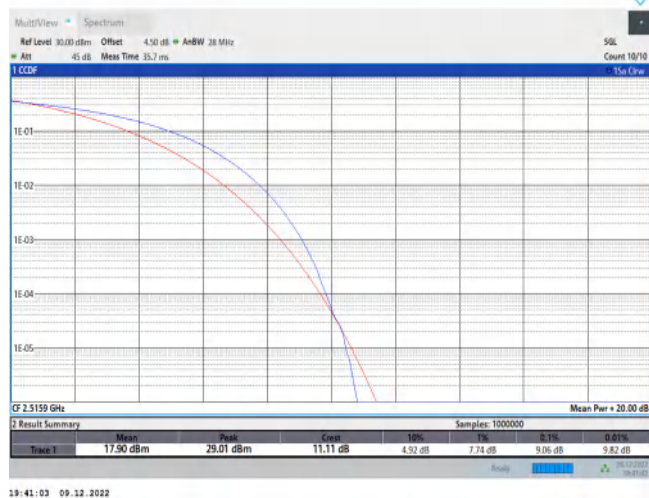
41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0



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



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

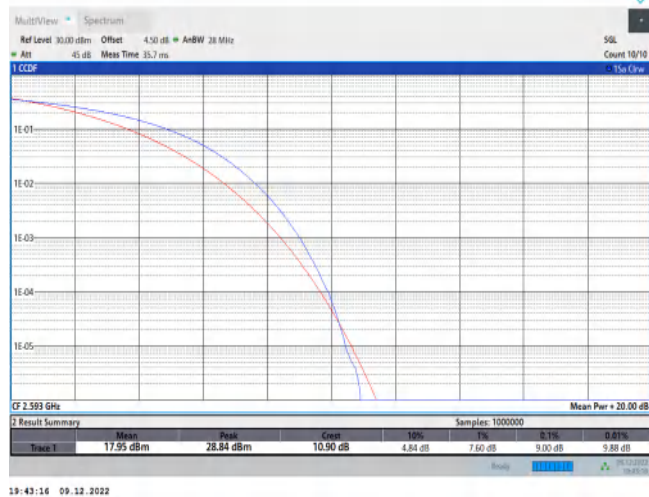


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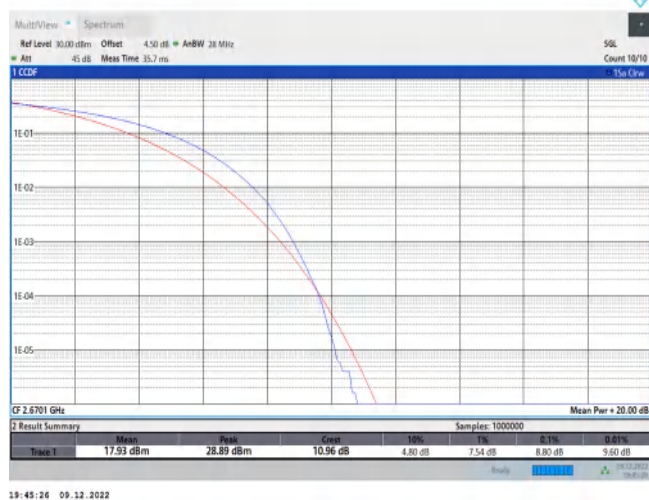
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41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0



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

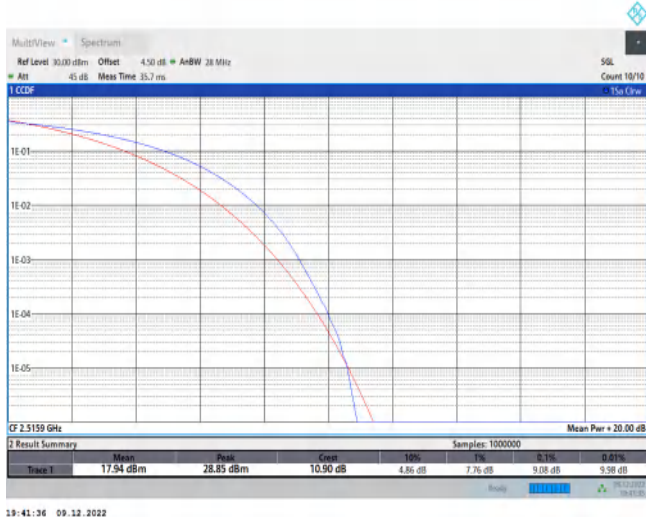


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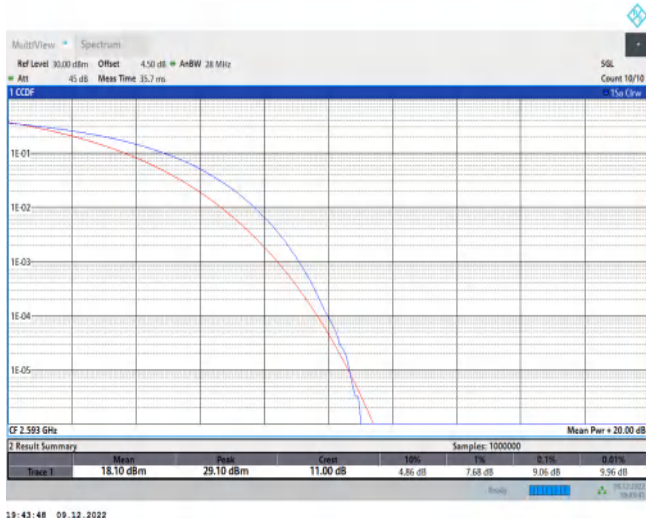
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41-41-20MHz-20MHz-64QAM-64QAM-39750-39948-100RB#0-100RB#0

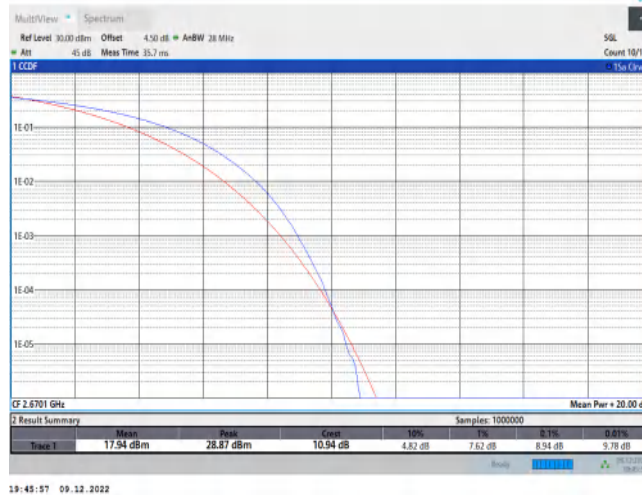


41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#0-100RB#0

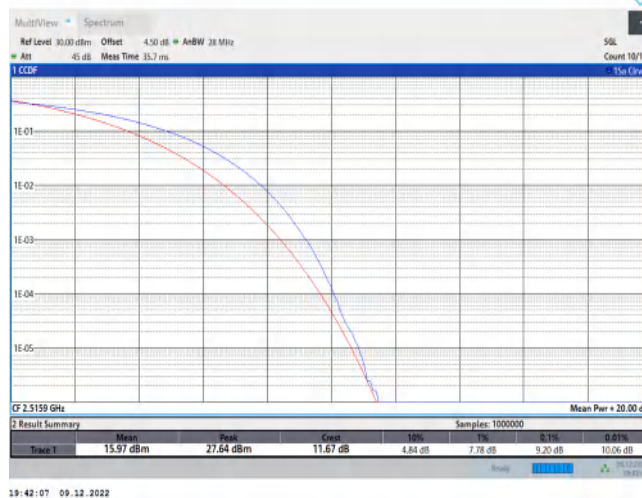


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41-41-20MHz-20MHz-64QAM-64QAM-41292-41490-100RB#0-100RB#0



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

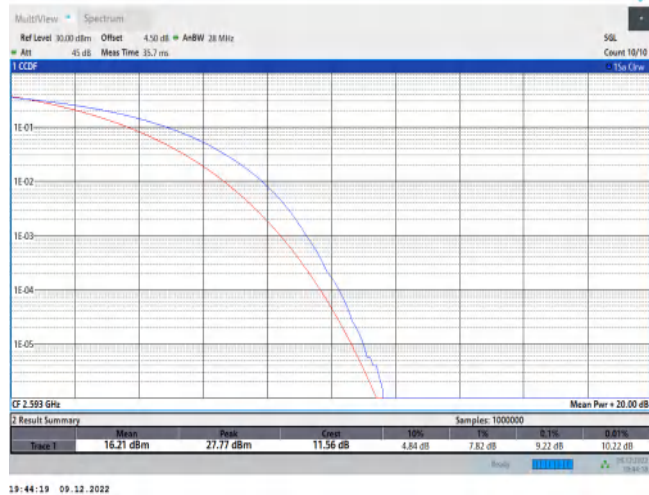


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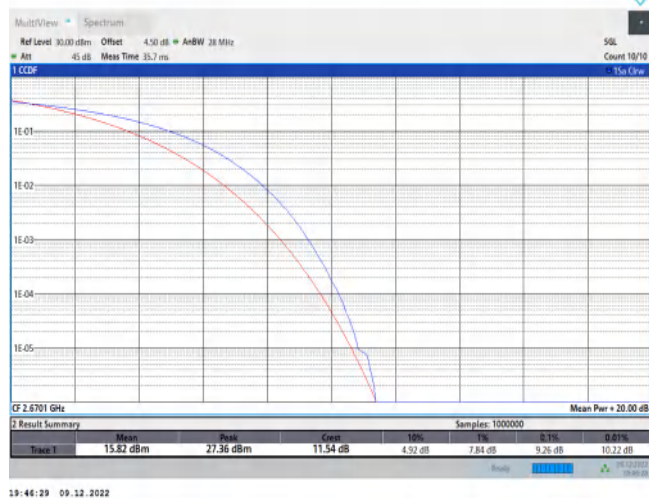
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41-41-20MHz-20MHz-256QAM-256QAM-40521-40719-100RB#0-100RB#0



41-41-20MHz-20MHz-256QAM-256QAM-41292-41490-100RB#0-100RB#0



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## Modulation Characteristics

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	8.62	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	9.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	9.06	PASS
41-41	20MHz-20MHz	256QAM-256QAM	40521-40719	100RB#0-100RB#0	9.22	PASS



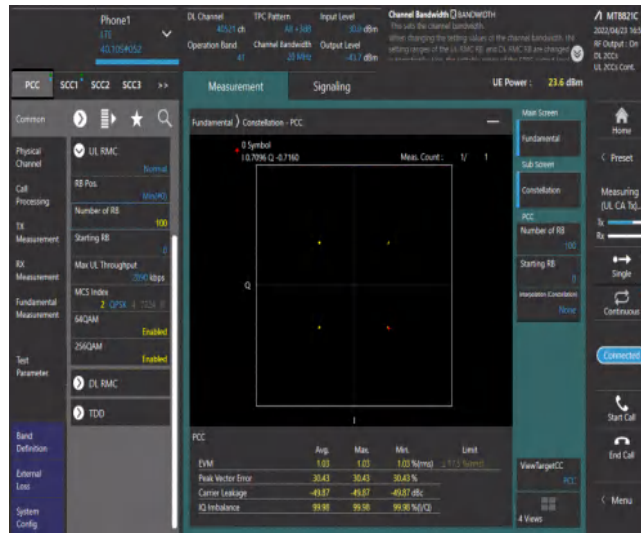
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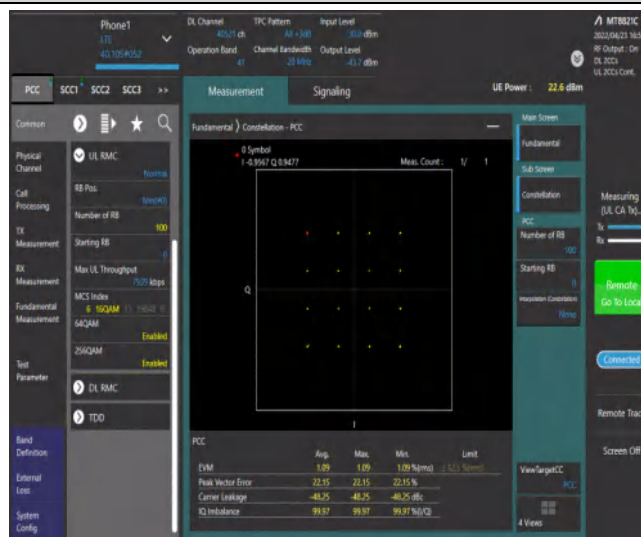
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Test Graphs

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



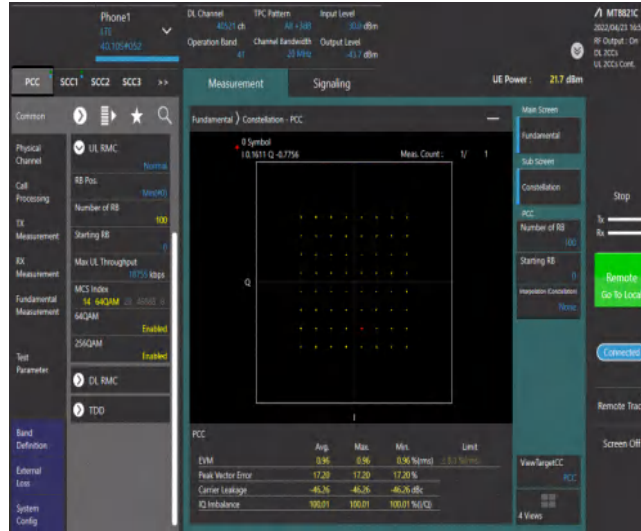
41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0



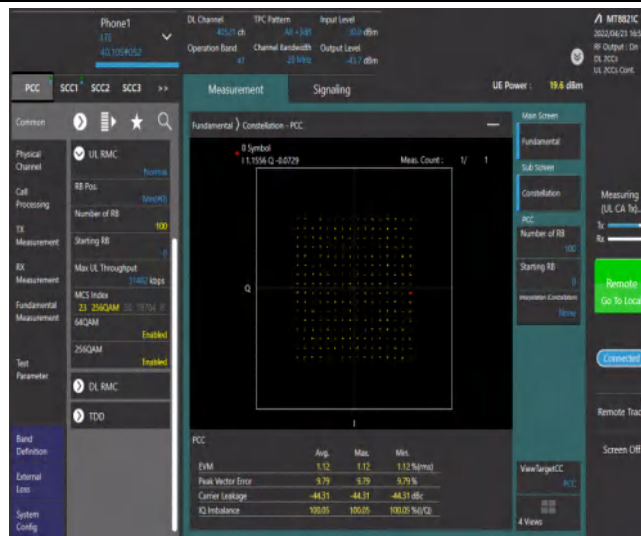
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41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#0-100RB#0



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





## 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	23.151	24.90	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	23.172	24.75	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	23.195	24.95	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	23.199	24.80	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	23.13	24.80	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	23.168	24.75	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	23.131	24.80	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	23.129	24.65	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	23.141	24.80	PASS
41-41	10MHz-15MHz	256QAM-256QAM	39703-39823	50RB#0-75RB#0	23.144	24.80	PASS
41-41	10MHz-15MHz	256QAM-256QAM	40549-40669	50RB#0-75RB#0	23.153	24.90	PASS
41-41	10MHz-15MHz	256QAM-256QAM	41395-41515	50RB#0-75RB#0	23.215	24.85	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	27.725	29.46	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	27.739	29.40	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	27.784	29.58	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	27.753	29.58	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	27.709	29.28	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	27.755	29.46	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	27.754	29.52	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	27.7	29.28	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	27.78	29.46	PASS
41-41	10MHz-20MHz	256QAM-256QAM	39705-39849	50RB#0-100RB#0	27.715	29.46	PASS
41-41	10MHz-20MHz	256QAM-256QAM	40526-40670	50RB#0-100RB#0	27.687	29.46	PASS
41-41	10MHz-20MHz	256QAM-256QAM	41346-41490	50RB#0-100RB#0	27.776	29.64	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	23.16	24.90	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	23.153	24.90	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	23.214	24.95	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	23.173	24.95	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	23.151	24.95	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	23.204	24.90	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	23.154	25.05	PASS



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41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	23.176	24.95	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	23.151	25.00	PASS
41-41	15MHz-10MHz	256QAM-256QAM	39725-39845	75RB#0-50RB#0	23.171	25.00	PASS
41-41	15MHz-10MHz	256QAM-256QAM	40571-40691	75RB#0-50RB#0	23.181	24.90	PASS
41-41	15MHz-10MHz	256QAM-256QAM	41417-41537	75RB#0-50RB#0	23.159	24.90	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	28.304	30.06	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	28.337	30.24	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	28.375	30.48	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	28.294	30.24	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	28.314	30.24	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	28.381	30.24	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	28.335	30.24	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	28.335	30.36	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	28.362	30.36	PASS
41-41	15MHz-15MHz	256QAM-256QAM	39725-39875	75RB#0-75RB#0	28.299	30.12	PASS
41-41	15MHz-15MHz	256QAM-256QAM	40545-40695	75RB#0-75RB#0	28.313	30.30	PASS
41-41	15MHz-15MHz	256QAM-256QAM	41365-41515	75RB#0-75RB#0	28.373	30.18	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	32.594	34.51	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	32.624	34.93	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	32.65	34.65	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	32.564	34.37	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	32.624	34.72	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	32.641	34.65	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	32.611	34.79	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	32.586	34.58	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	32.644	34.65	PASS
41-41	15MHz-20MHz	256QAM-256QAM	39728-39899	75RB#0-100RB#0	32.581	34.65	PASS
41-41	15MHz-20MHz	256QAM-256QAM	40523-40694	75RB#0-100RB#0	32.624	34.72	PASS
41-41	15MHz-20MHz	256QAM-256QAM	41319-41490	75RB#0-100RB#0	32.6	34.65	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	32.635	34.65	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	32.661	34.58	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	32.695	34.86	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	32.583	34.79	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	32.63	34.79	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	32.631	34.79	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	32.594	34.65	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	32.612	34.58	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	32.642	34.72	PASS



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41-41	20MHz-15MHz	256QAM-256QAM	39750-39921	100RB#0-75RB#0	32.585	34.72	PASS
41-41	20MHz-15MHz	256QAM-256QAM	40546-40717	100RB#0-75RB#0	32.619	34.72	PASS
41-41	20MHz-15MHz	256QAM-256QAM	41341-41512	100RB#0-75RB#0	32.669	34.79	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	37.727	40.56	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	37.757	40.72	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	37.828	40.72	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	37.701	40.48	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	37.726	40.64	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	37.797	40.64	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	37.654	40.64	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	37.721	40.72	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	37.86	40.72	PASS
41-41	20MHz-20MHz	256QAM-256QAM	39750-39948	100RB#0-100RB#0	37.673	40.48	PASS
41-41	20MHz-20MHz	256QAM-256QAM	40521-40719	100RB#0-100RB#0	37.684	40.64	PASS
41-41	20MHz-20MHz	256QAM-256QAM	41292-41490	100RB#0-100RB#0	37.773	40.56	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	22.927	24.65	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	22.92	24.60	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	22.973	24.70	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	22.93	24.60	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	22.916	24.60	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	22.929	24.60	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	22.907	24.55	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	22.952	24.45	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	22.916	24.60	PASS
41-41	20MHz-5MHz	256QAM-256QAM	39750-39867	100RB#0-25RB#0	22.927	24.45	PASS
41-41	20MHz-5MHz	256QAM-256QAM	40595-40712	100RB#0-25RB#0	22.936	24.50	PASS
41-41	20MHz-5MHz	256QAM-256QAM	41440-41557	100RB#0-25RB#0	22.945	24.50	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	22.93	24.35	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	22.905	24.40	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	22.914	24.35	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	22.939	24.35	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	22.897	24.25	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	22.909	24.40	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	22.899	24.25	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	22.905	24.40	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	22.939	24.35	PASS
41-41	5MHz-20MHz	256QAM-256QAM	39683-39800	25RB#0-100RB#0	22.88	24.25	PASS
41-41	5MHz-20MHz	256QAM-256QAM	40528-40645	25RB#0-100RB#0	22.847	24.15	PASS



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Rev.: 01

Page: 29 of 116

41-41	5MHz-20MHz	256QAM-256QAM	41373-41490	25RB#0-100RB#0	22.923	24.20	PASS
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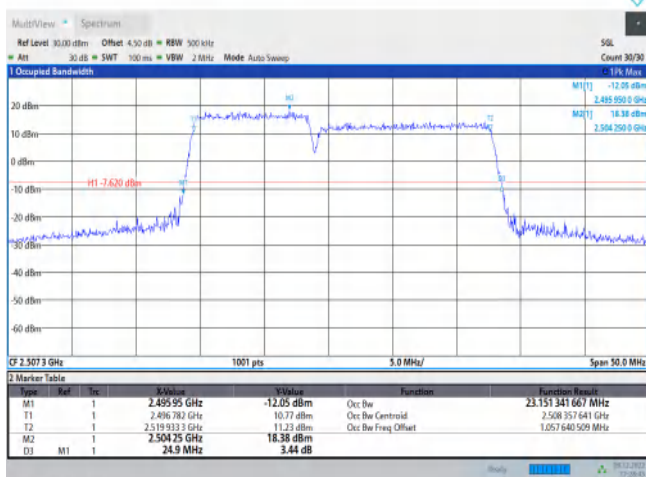
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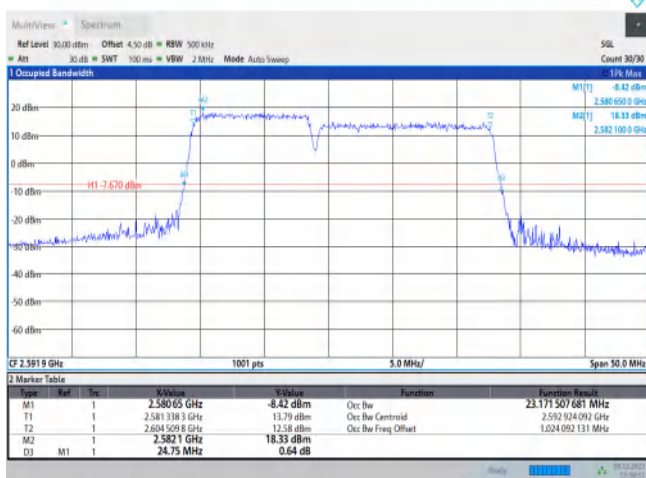
Test Graphs

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



11:28:44 09.12.2022

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

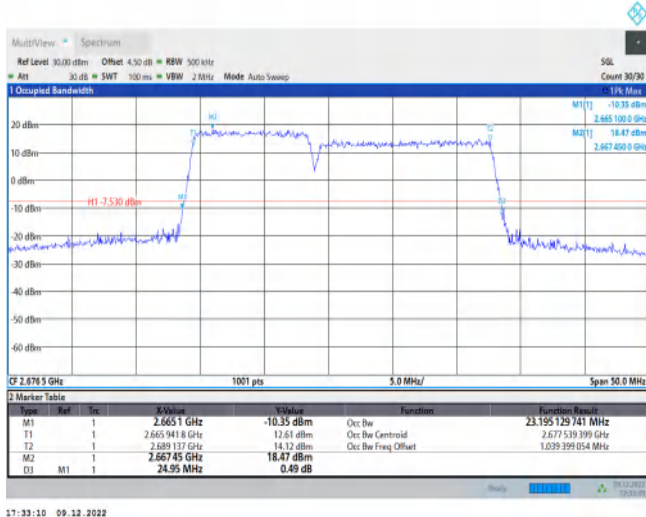


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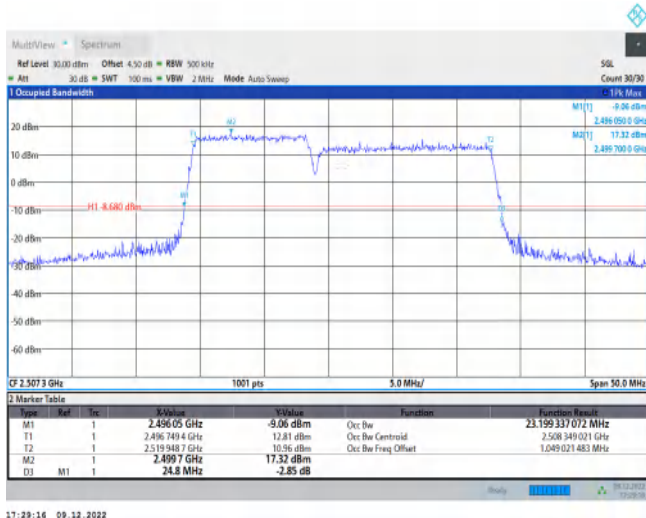


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41-41-10MHz-15MHz-QPSK-QPSK-41395-41515-50RB#0-75RB#0



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

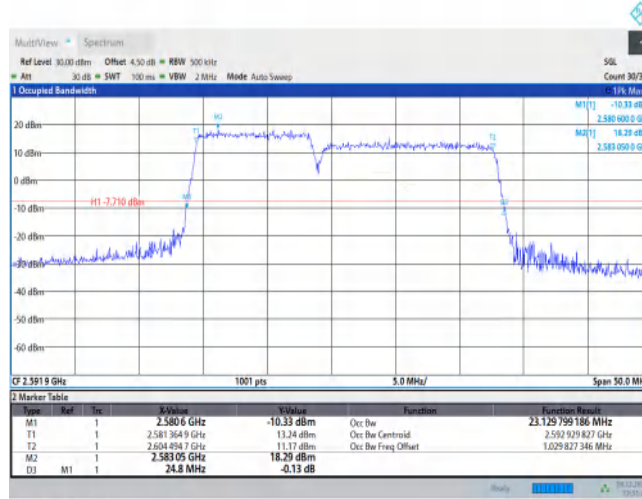


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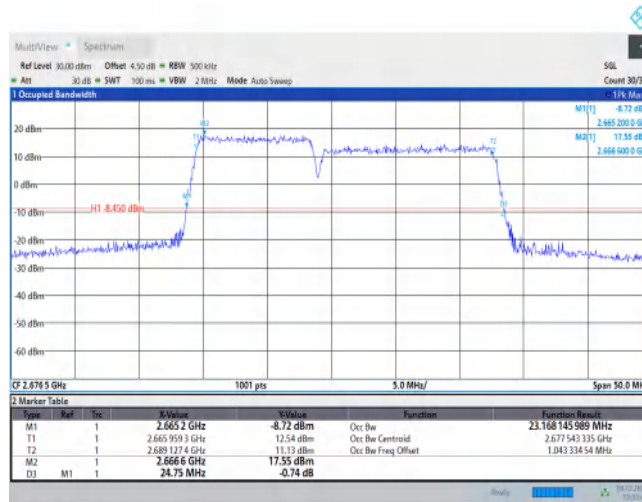
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41-41-10MHz-15MHz-16QAM-16QAM-40549-40669-50RB#0-75RB#0



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



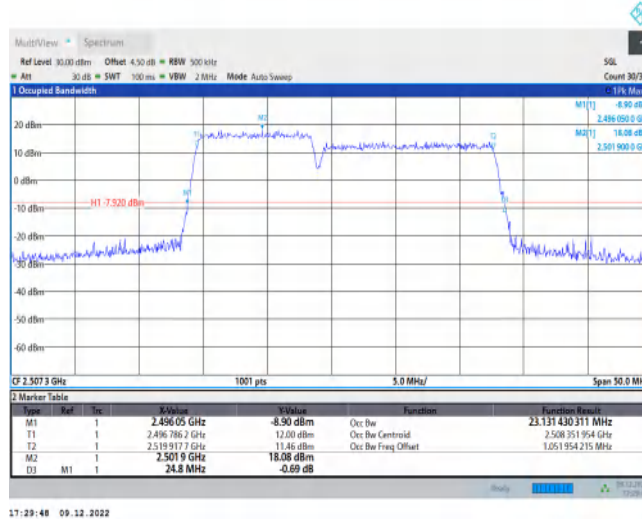
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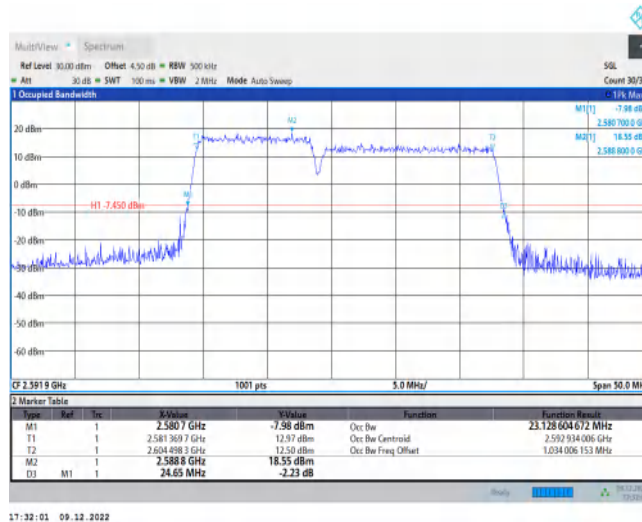
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41-41-10MHz-15MHz-64QAM-64QAM-39703-39823-50RB#0-75RB#0

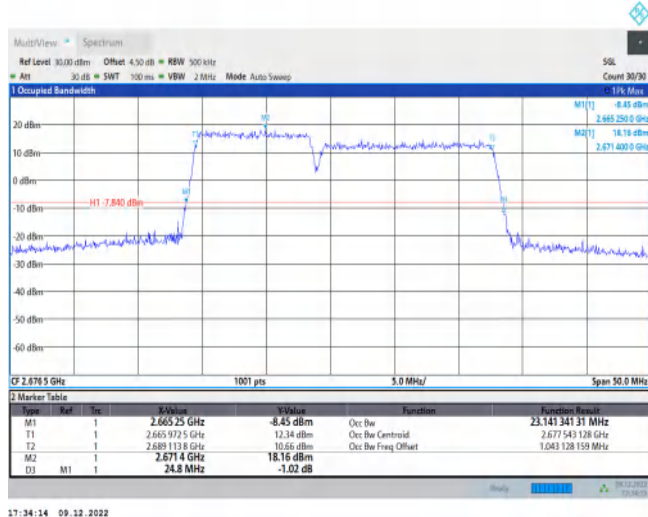


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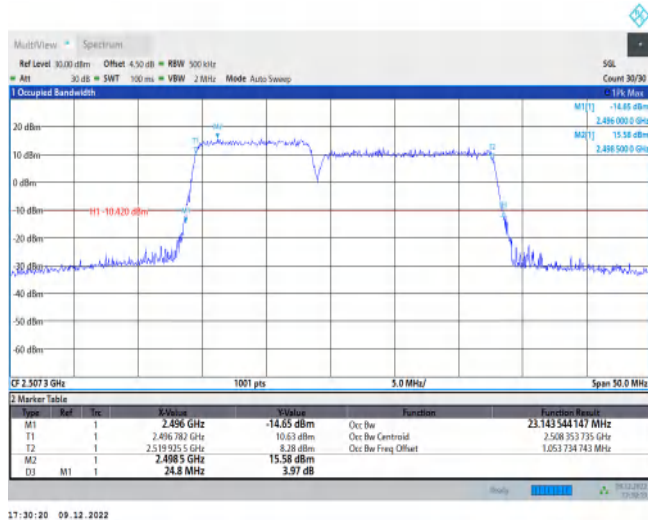


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41-41-10MHz-15MHz-64QAM-64QAM-41395-41515-50RB#0-75RB#0

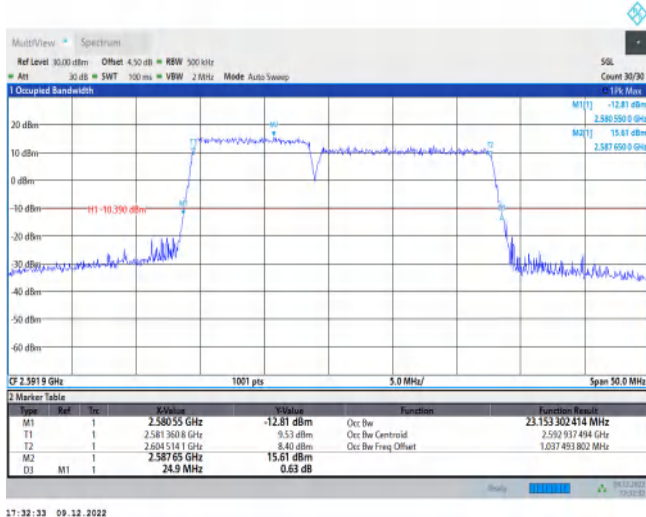


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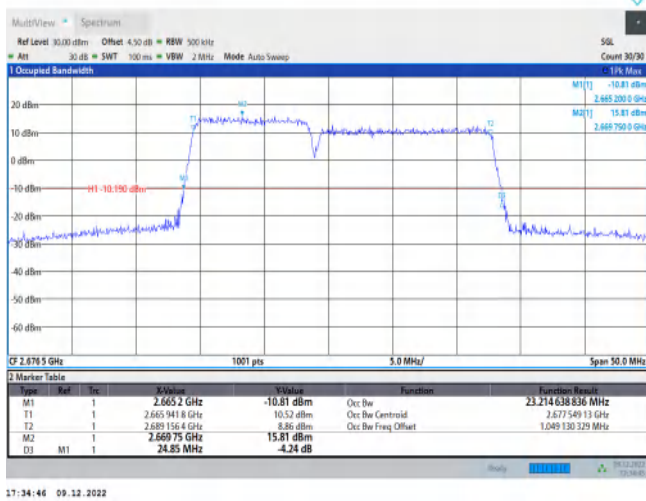


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41-41-10MHz-15MHz-256QAM-256QAM-40549-40669-50RB#0-75RB#0

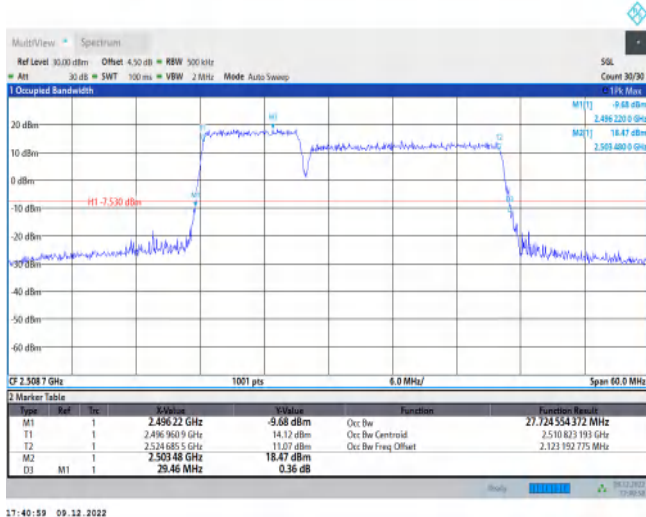


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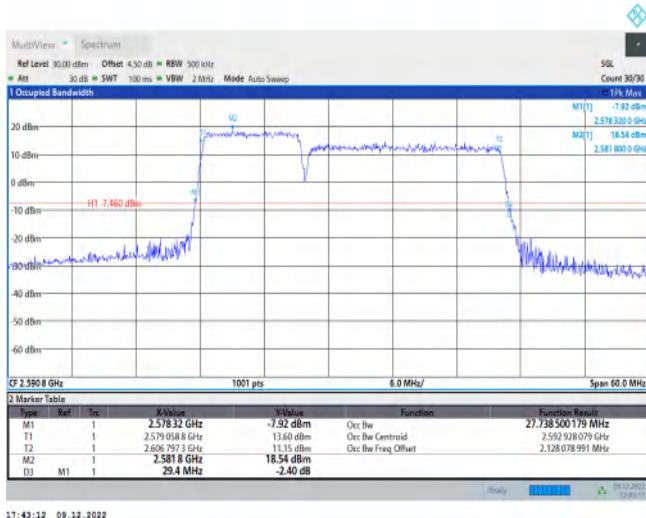


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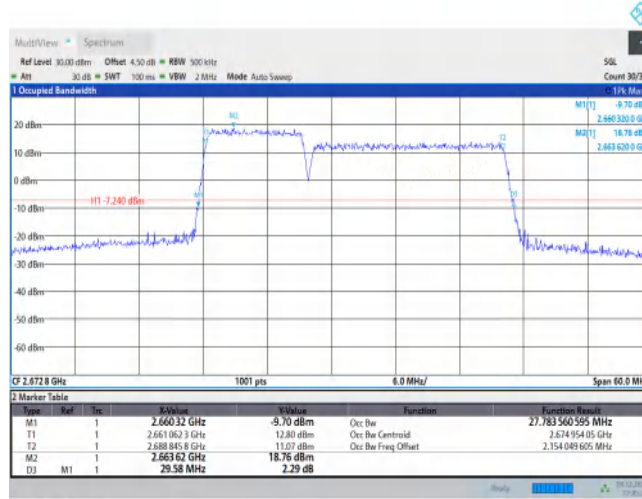


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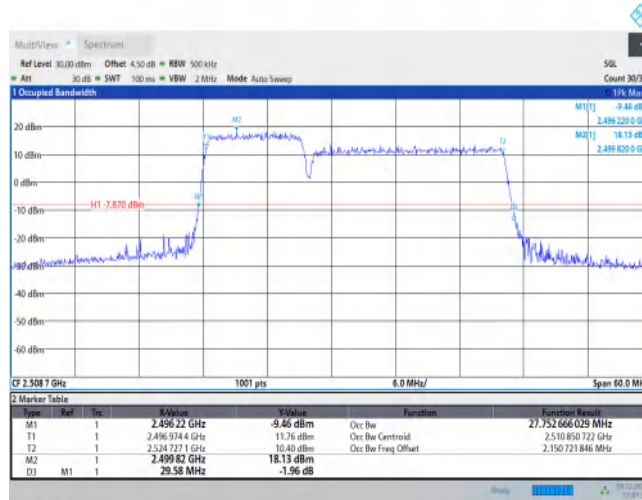
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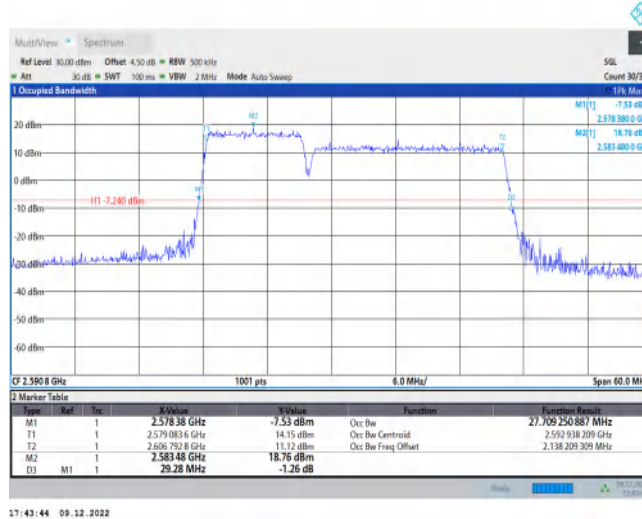


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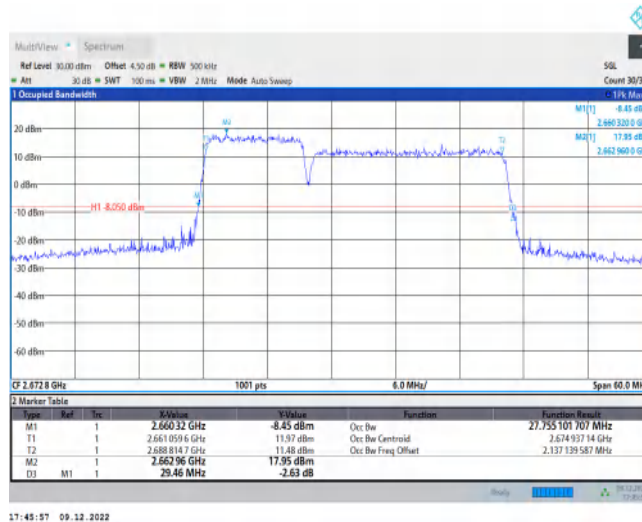


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41-41-10MHz-20MHz-16QAM-16QAM-40526-40670-50RB#0-100RB#0



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

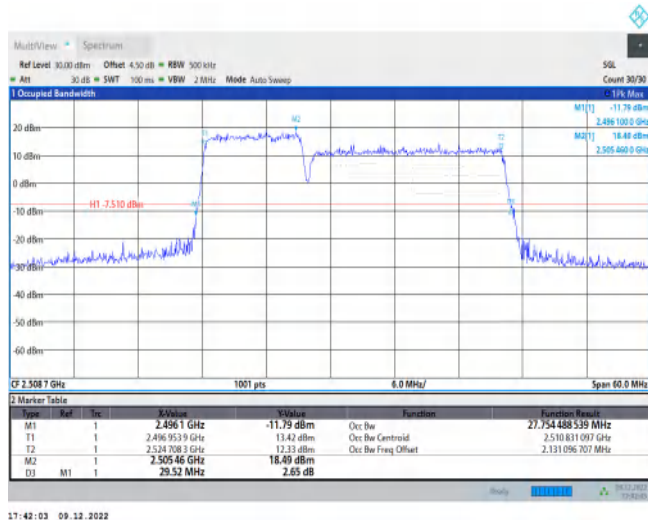


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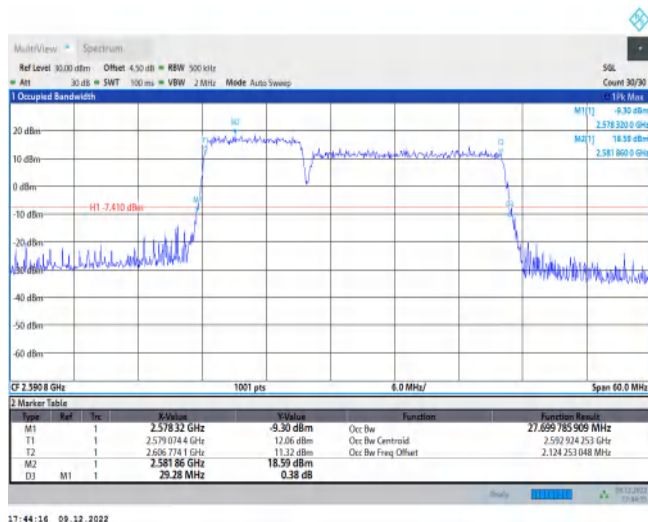
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41-41-10MHz-20MHz-64QAM-64QAM-39705-39849-50RB#0-100RB#0



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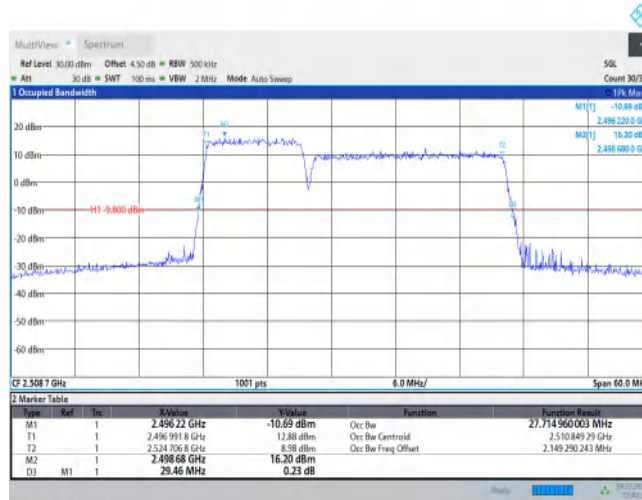
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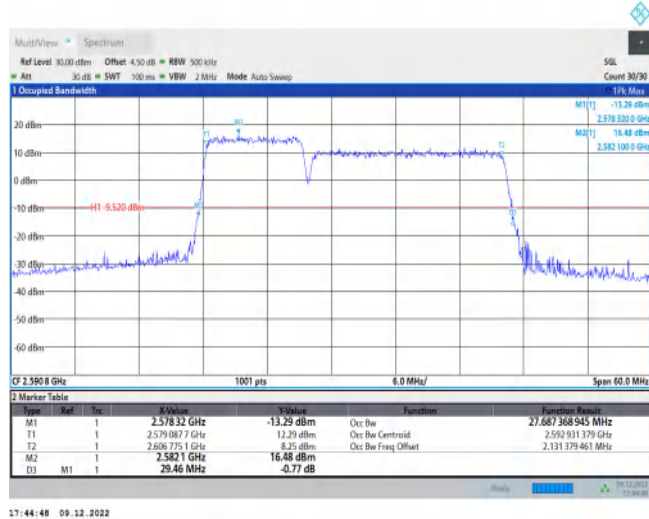
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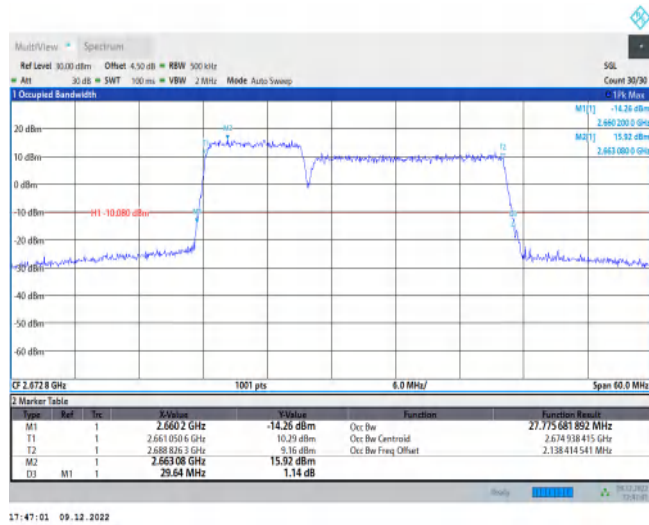
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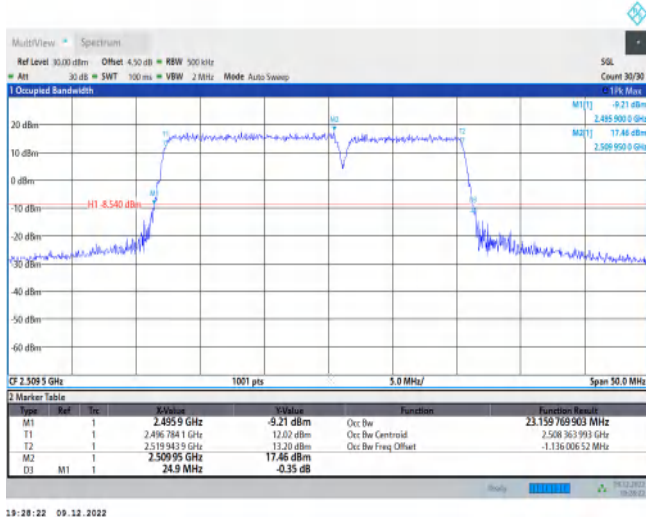


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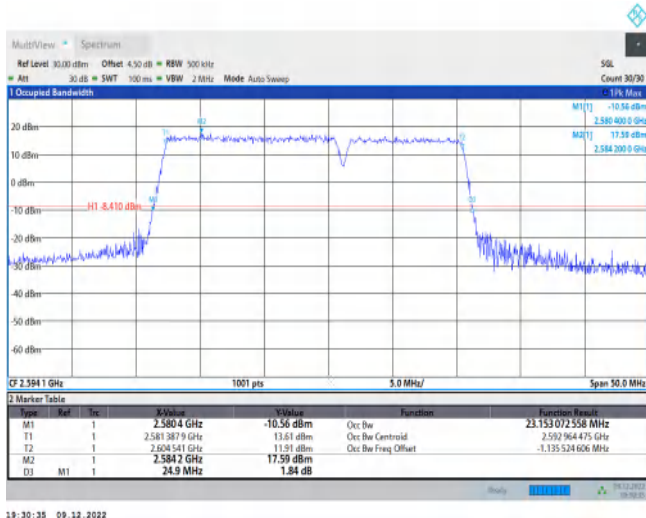


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41-41-15MHz-10MHz-QPSK-QPSK-39725-39845-75RB#0-50RB#0



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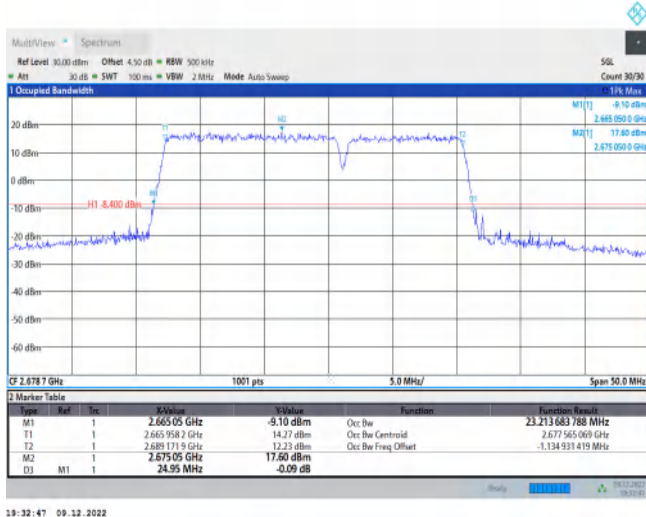


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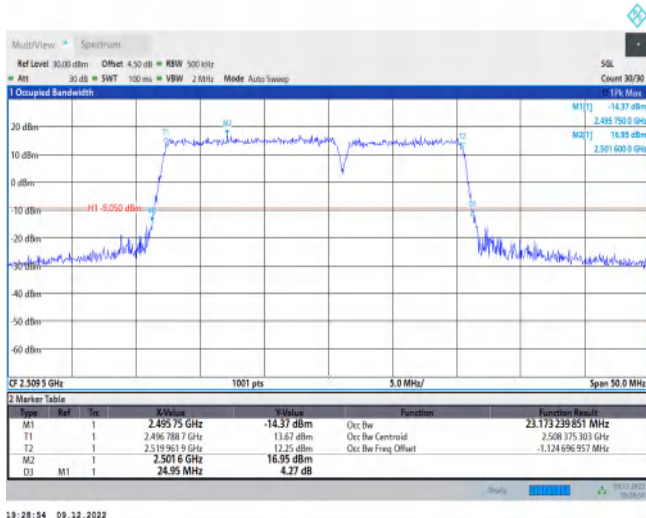
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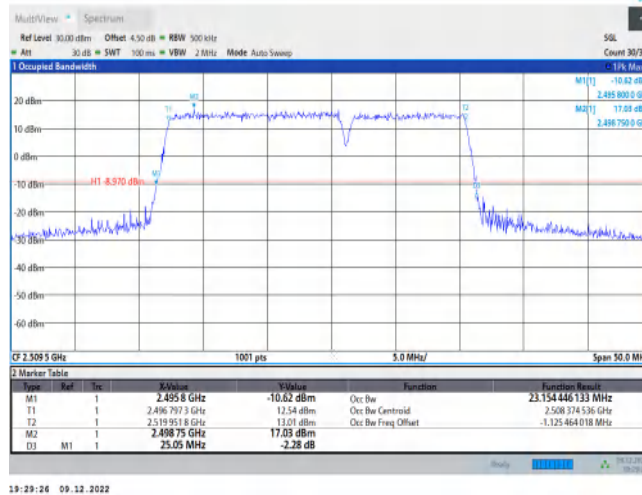
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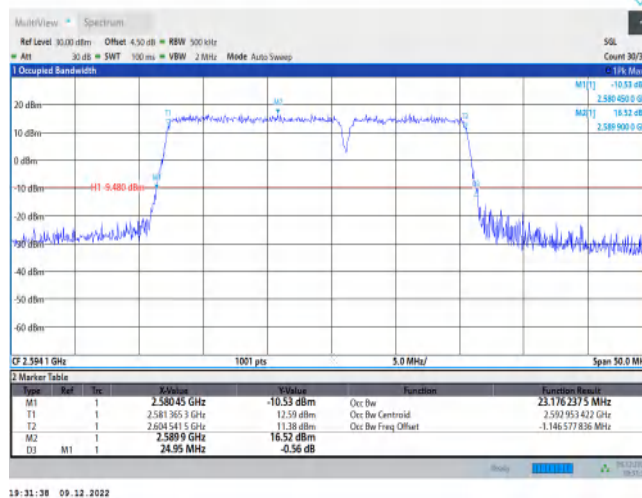
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41-41-15MHz-10MHz-64QAM-64QAM-39725-39845-75RB#0-50RB#0



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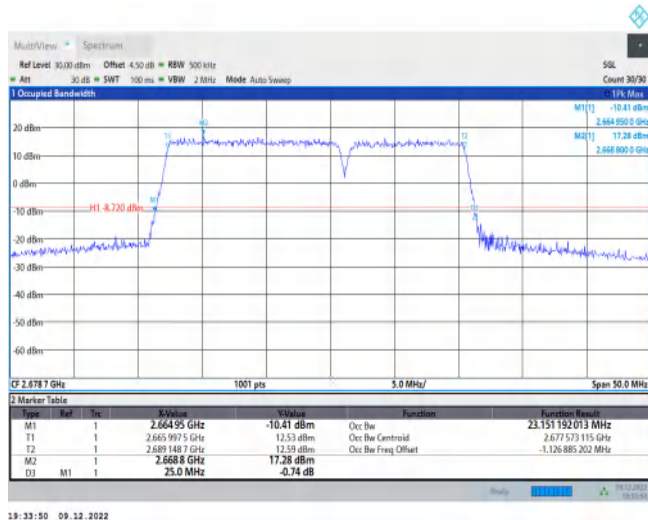


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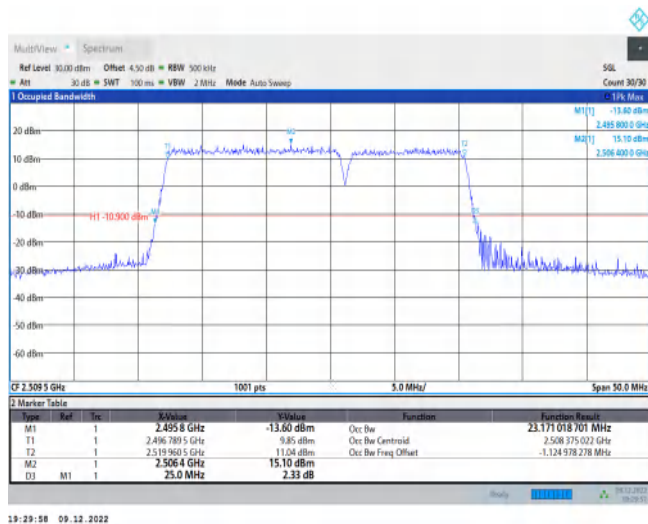
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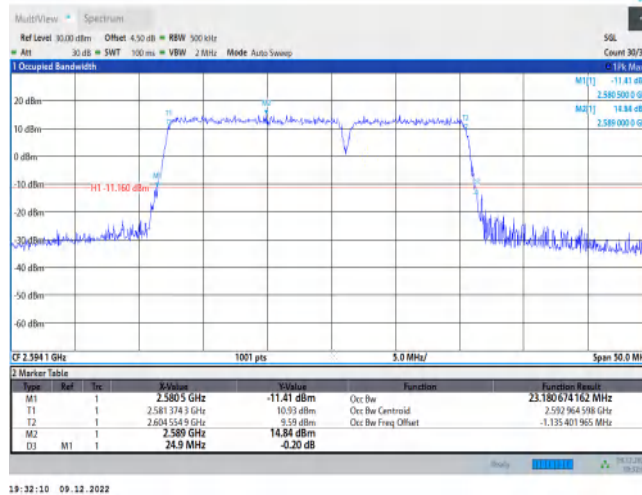


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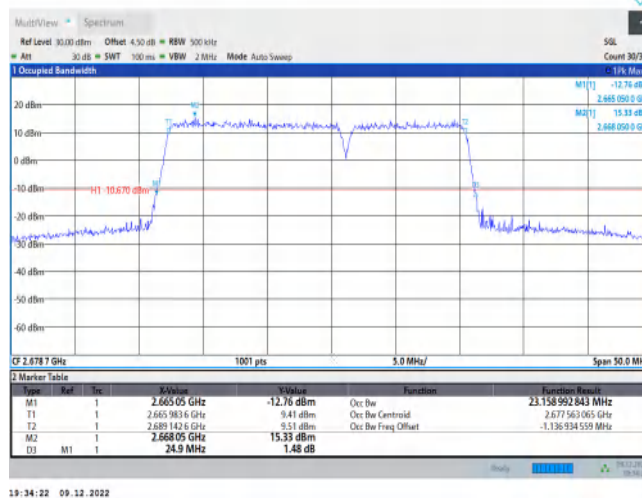


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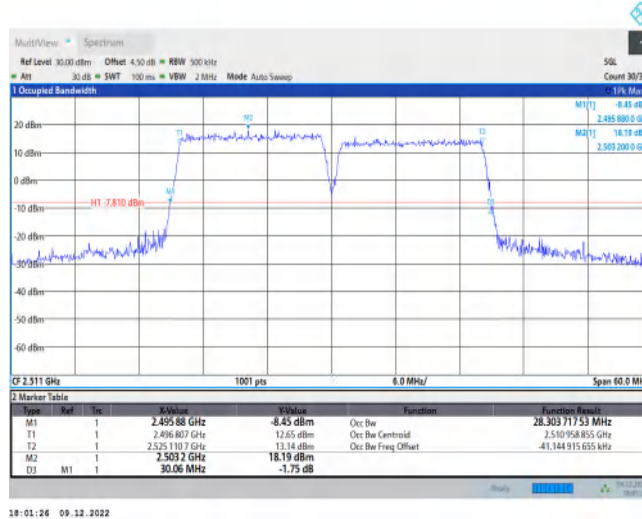


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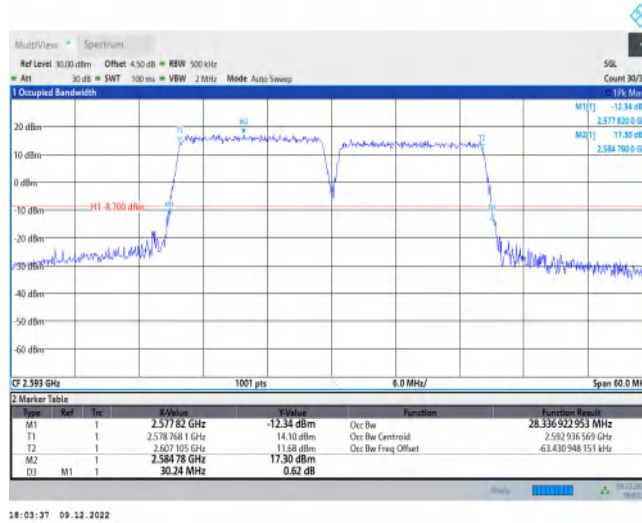
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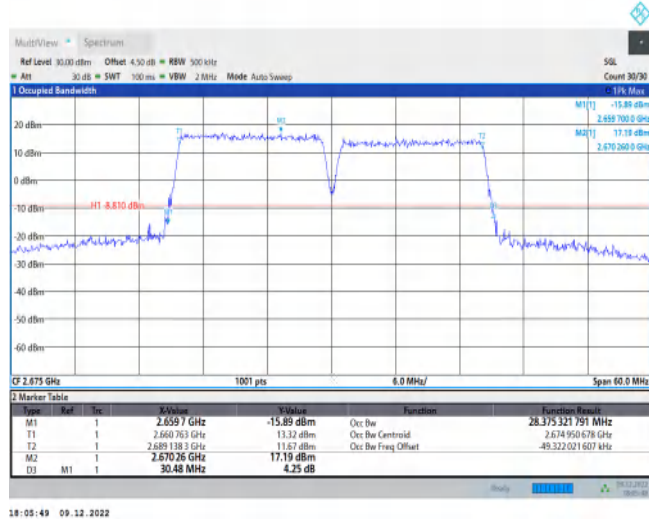
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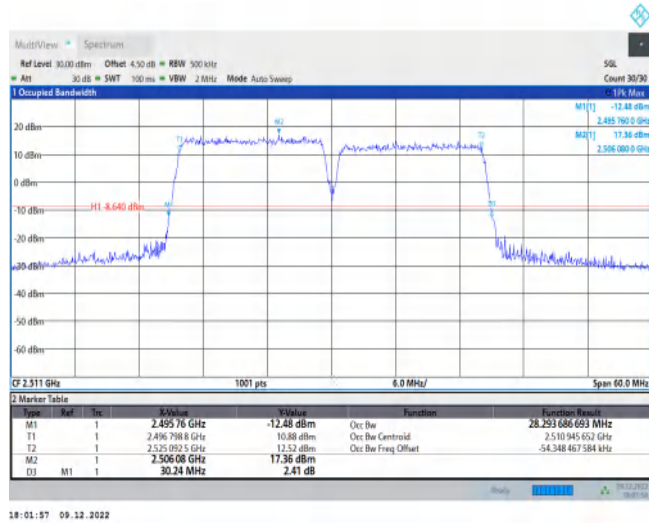
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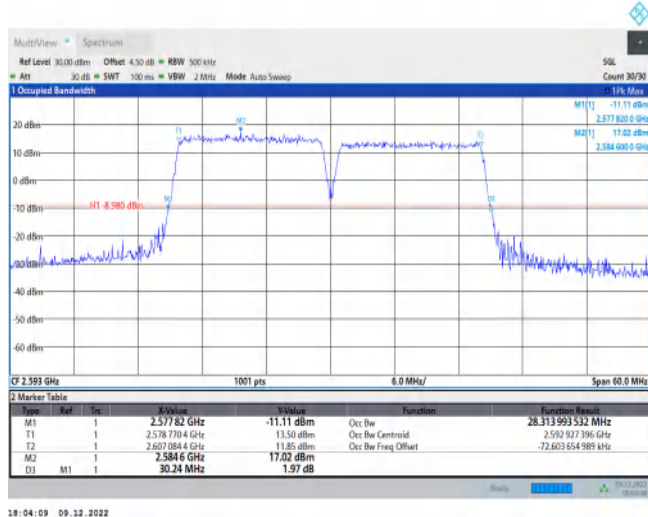


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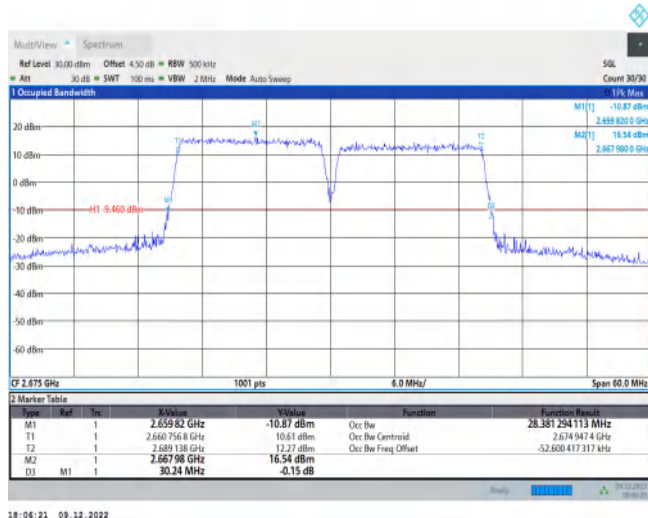


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41-41-15MHz-15MHz-16QAM-16QAM-40545-40695-75RB#0-75RB#0



41-41-15MHz-15MHz-16QAM-16QAM-41365-41515-75RB#0-75RB#0

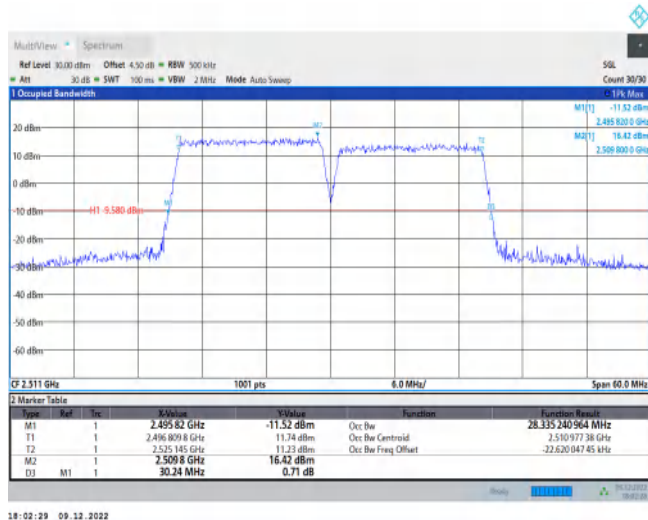


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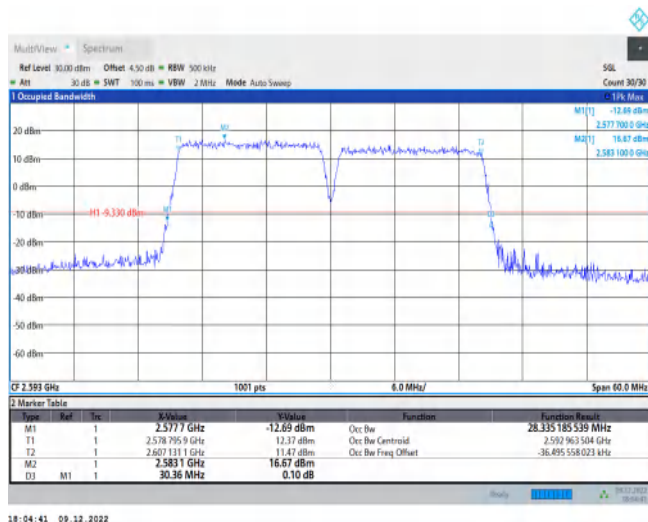
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41-41-15MHz-15MHz-64QAM-64QAM-39725-39875-75RB#0-75RB#0

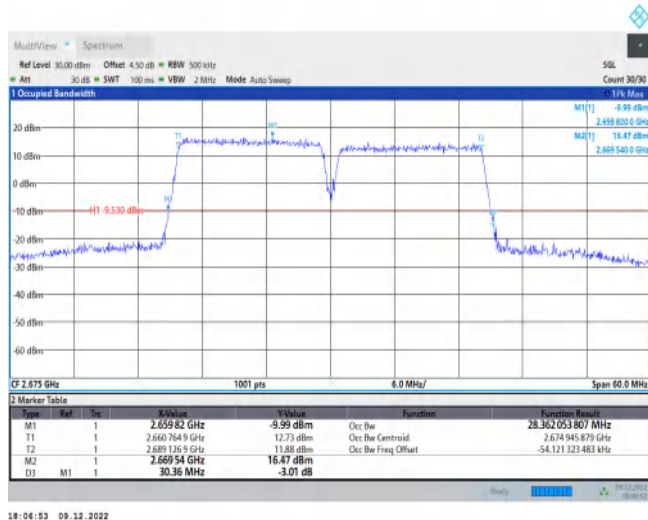


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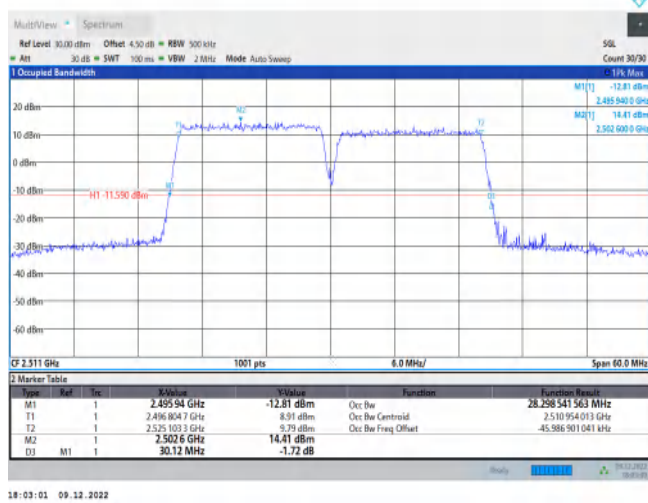


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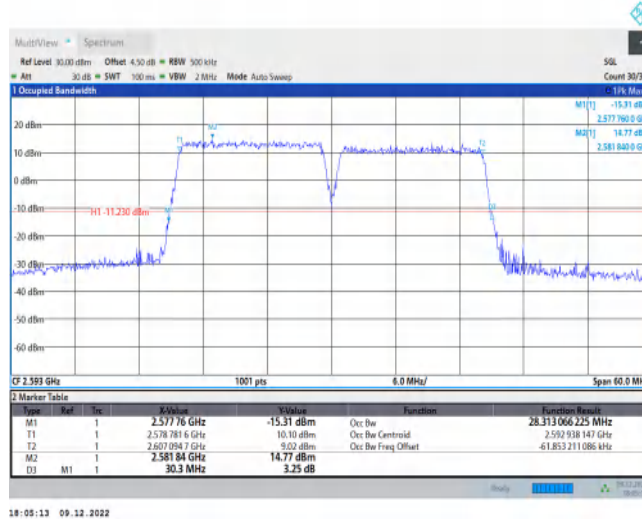


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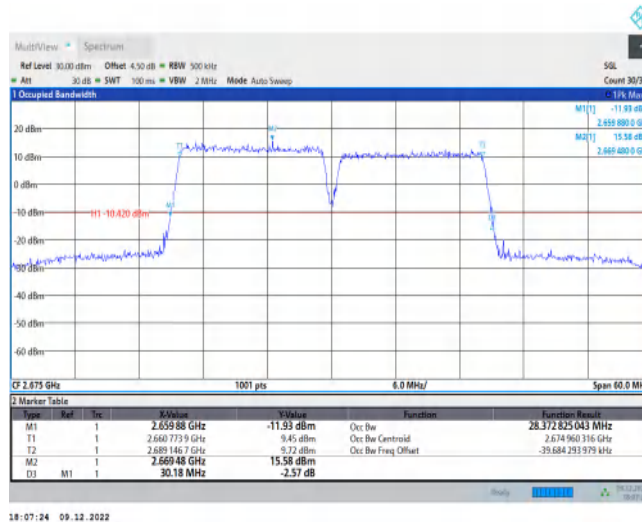


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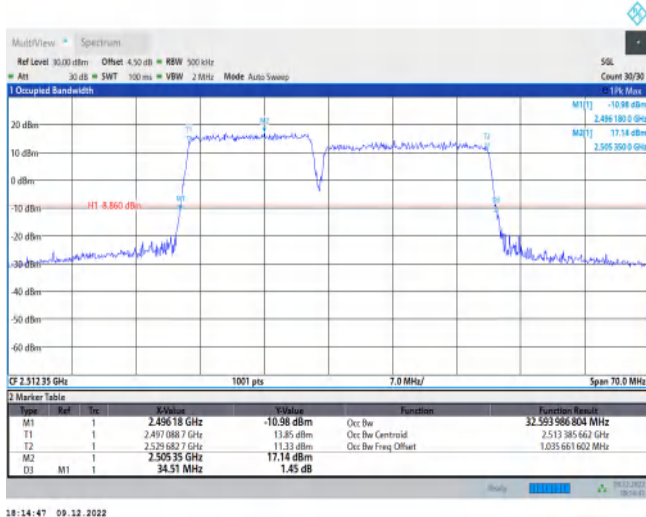


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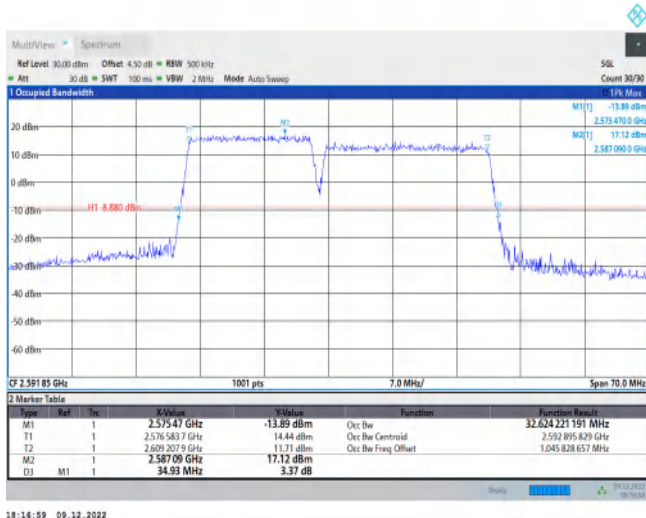
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41-41-15MHz-20MHz-QPSK-QPSK-39728-39899-75RB#0-100RB#0

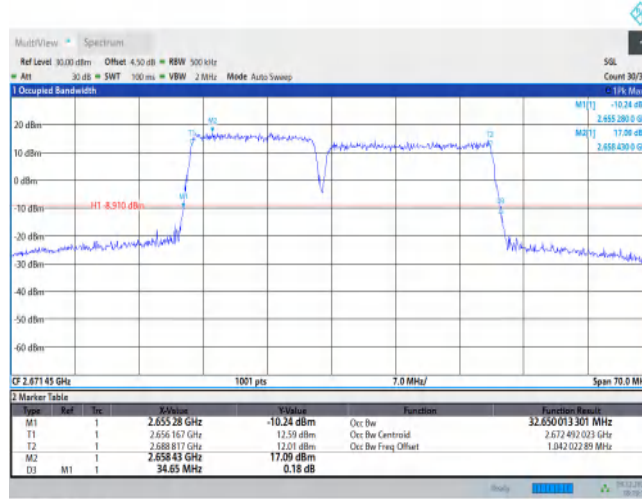


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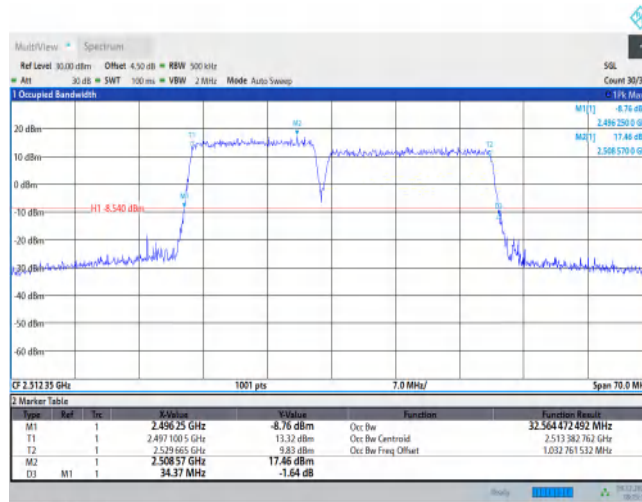
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41-41-15MHz-20MHz-QPSK-QPSK-41319-41490-75RB#0-100RB#0



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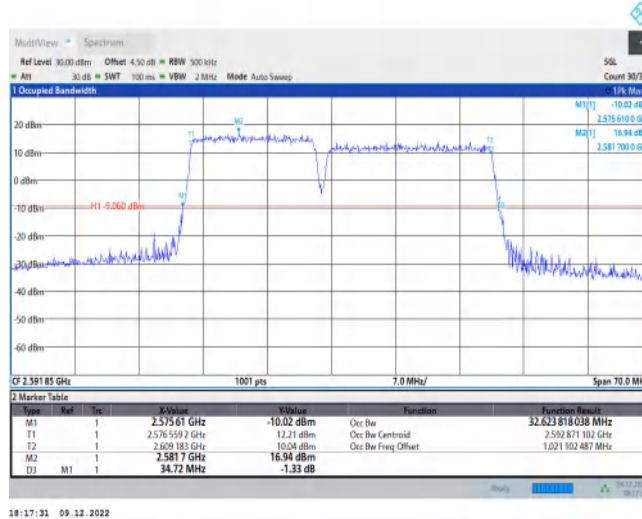


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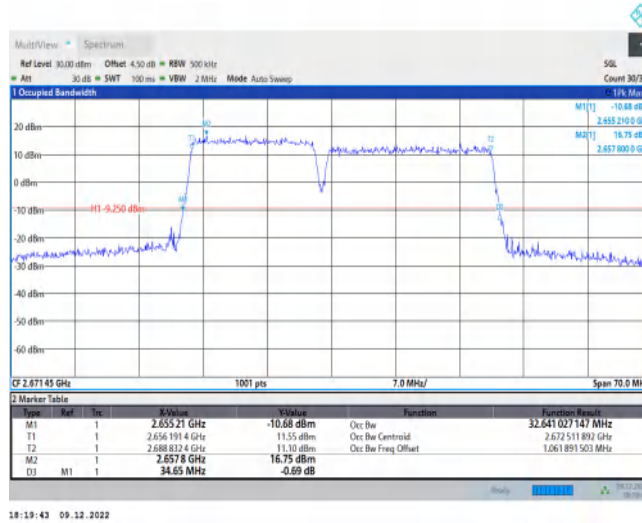


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41-41-15MHz-20MHz-16QAM-16QAM-40523-40694-75RB#0-100RB#0



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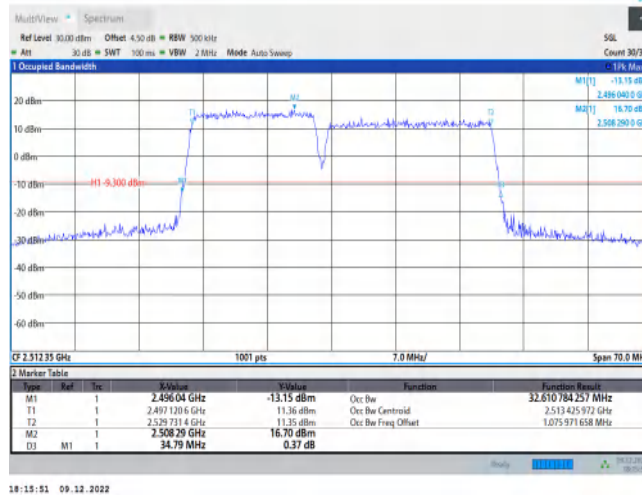
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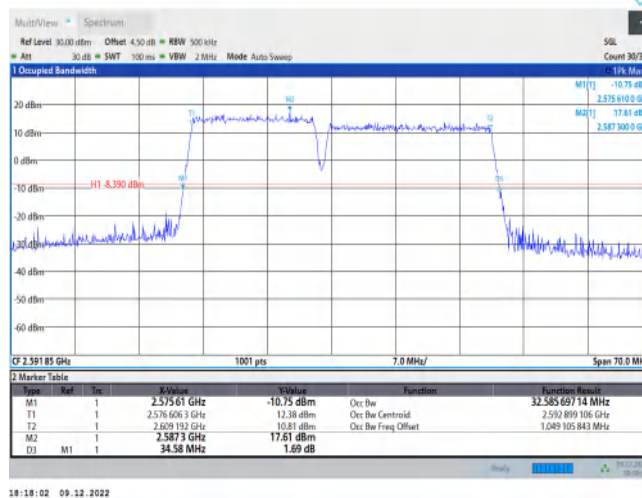
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41-41-15MHz-20MHz-64QAM-64QAM-39728-39899-75RB#0-100RB#0



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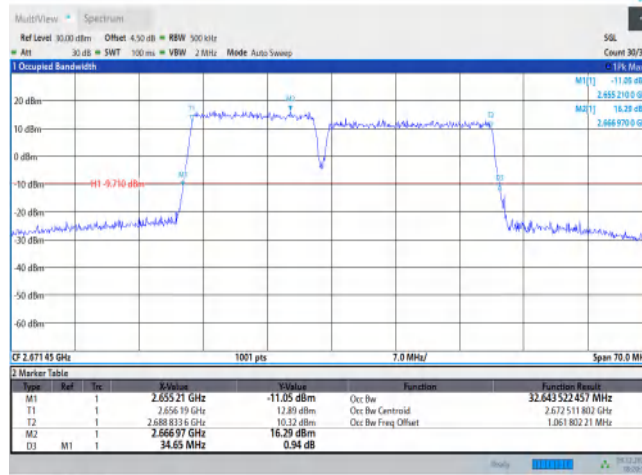


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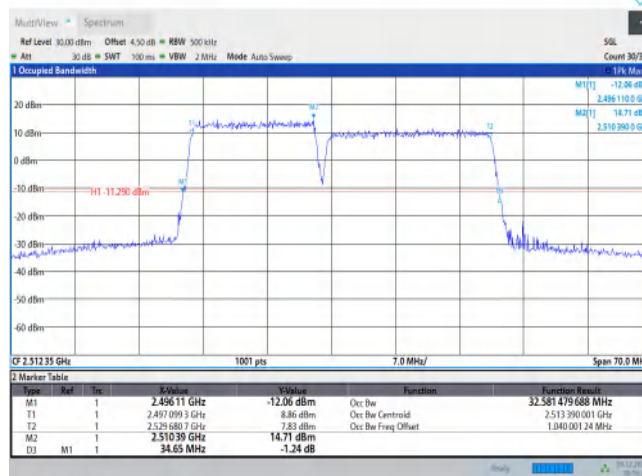
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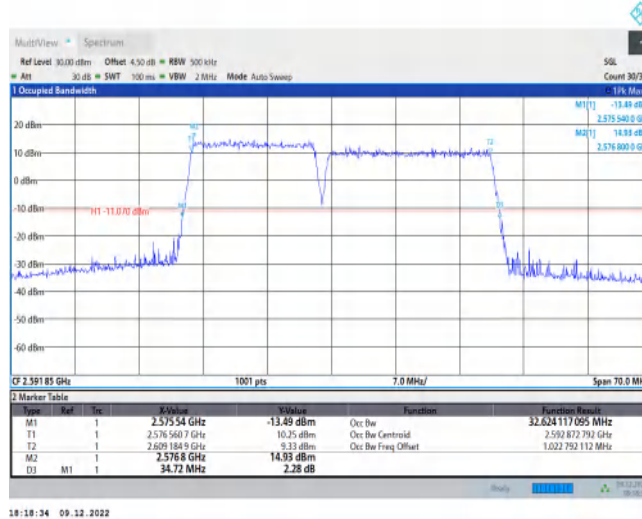


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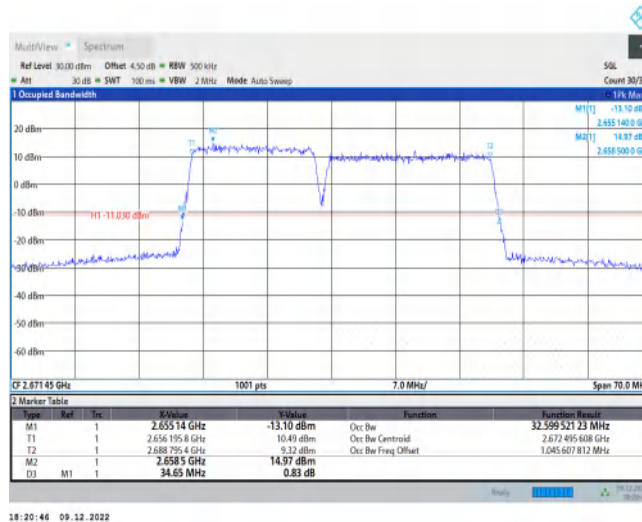


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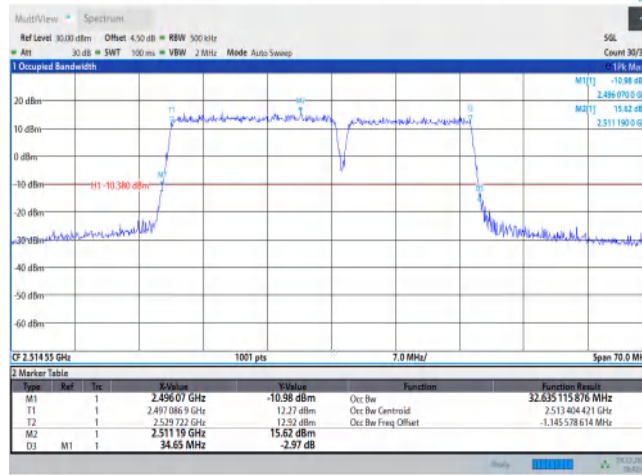


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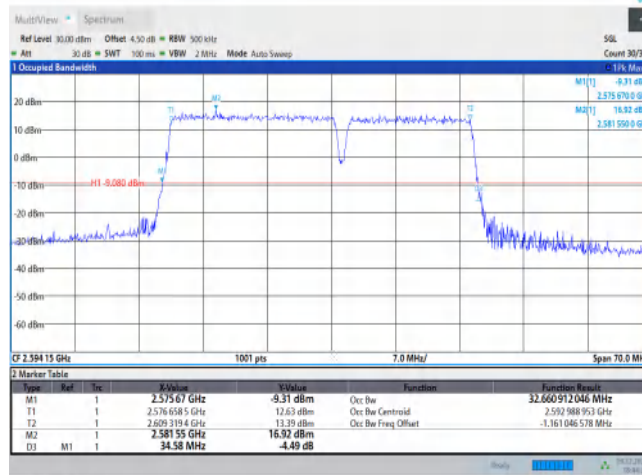
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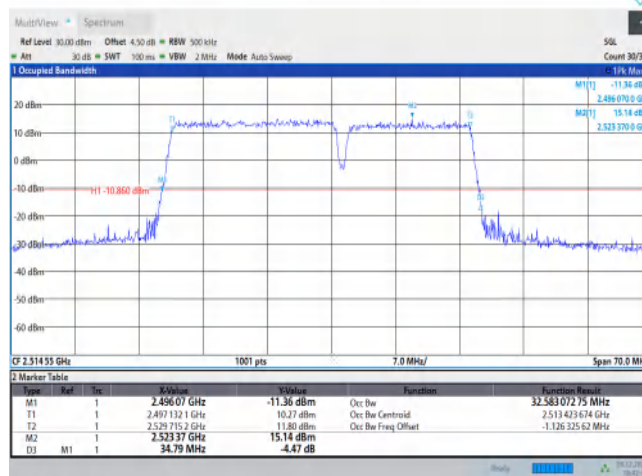
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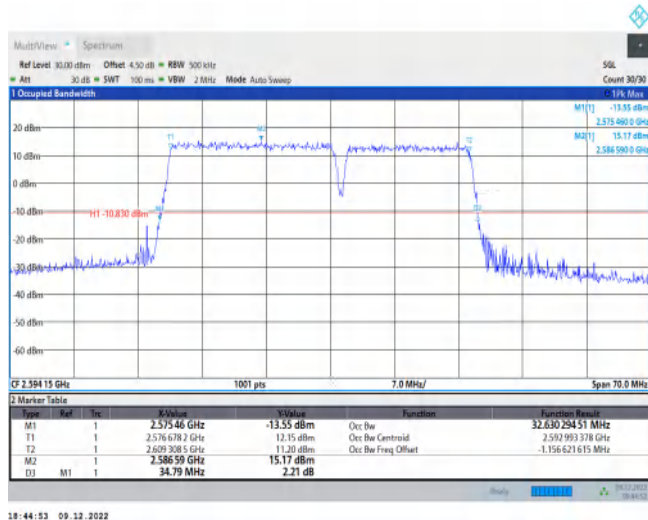


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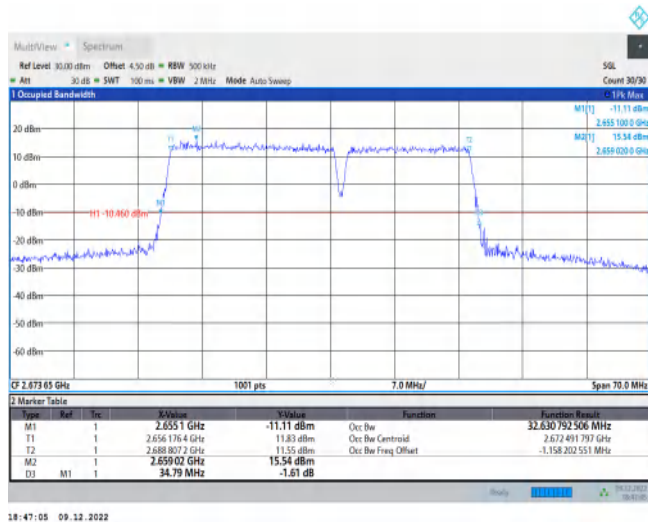
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41-41-20MHz-15MHz-16QAM-16QAM-40546-40717-100RB#0-75RB#0

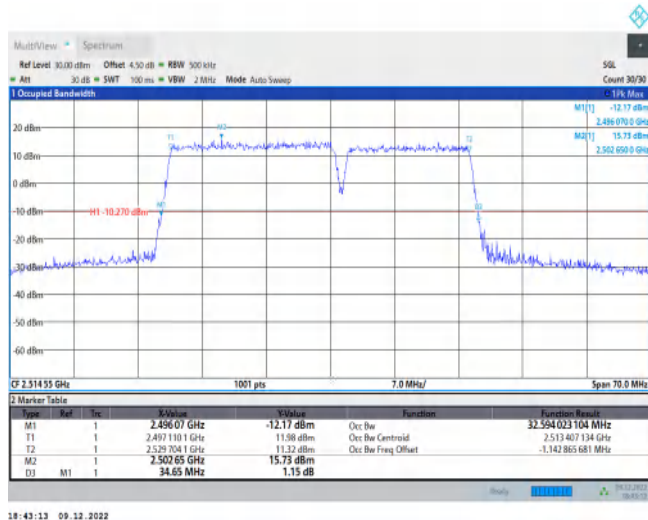


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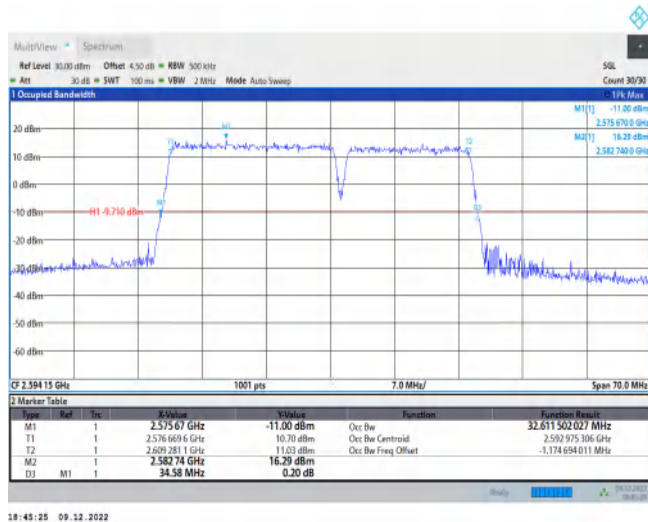


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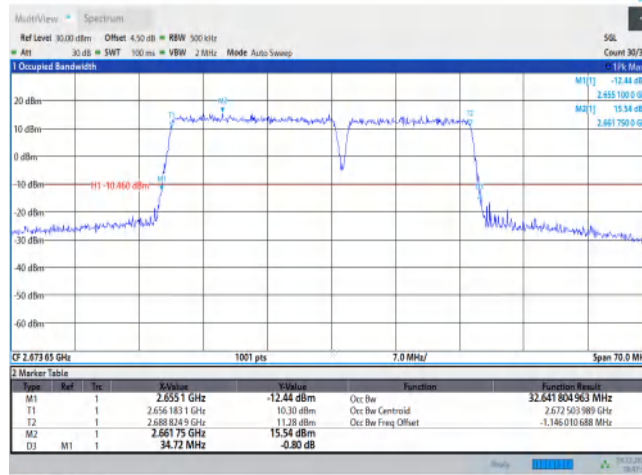


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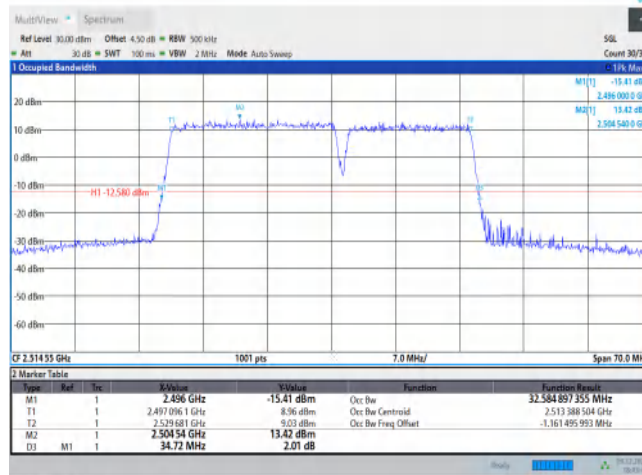
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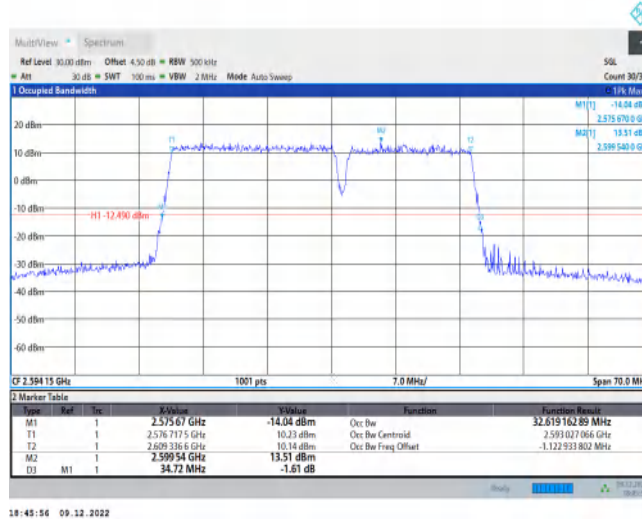
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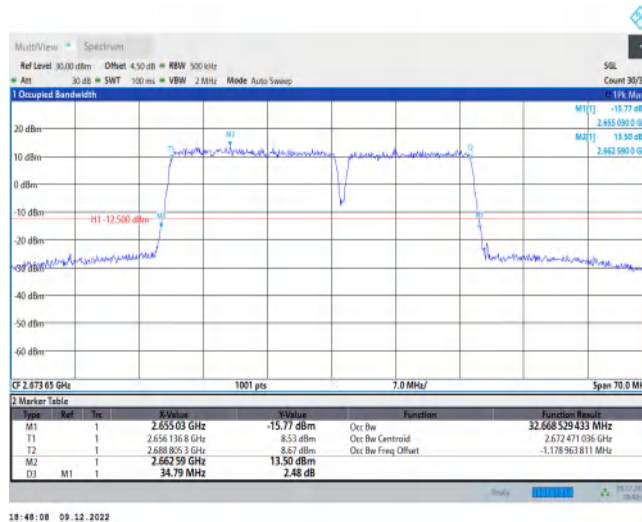
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41-41-20MHz-15MHz-256QAM-256QAM-40546-40717-100RB#0-75RB#0



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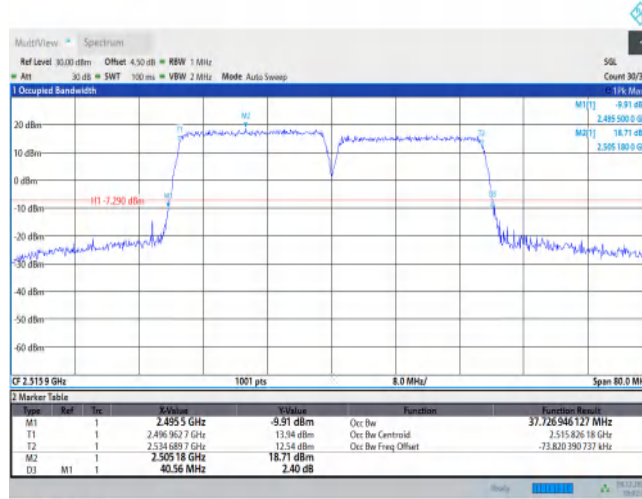


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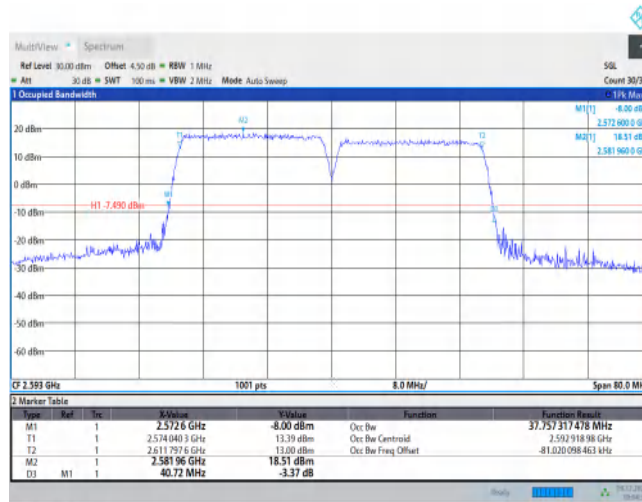
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41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



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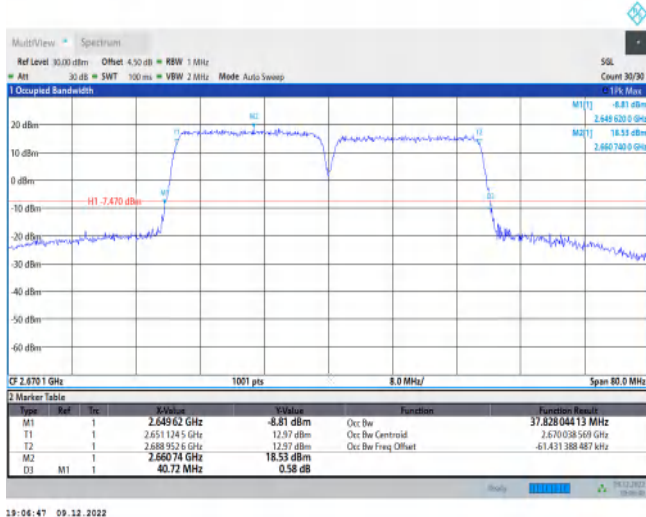


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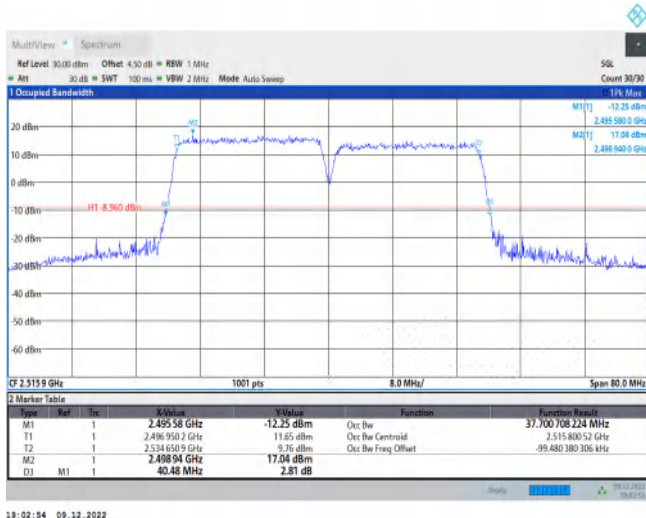
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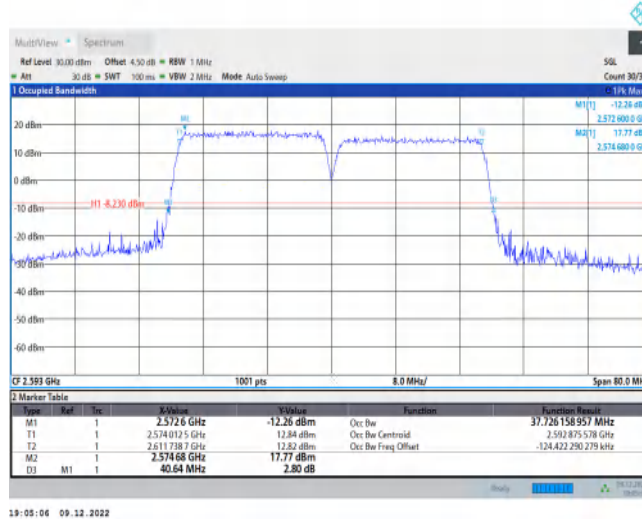


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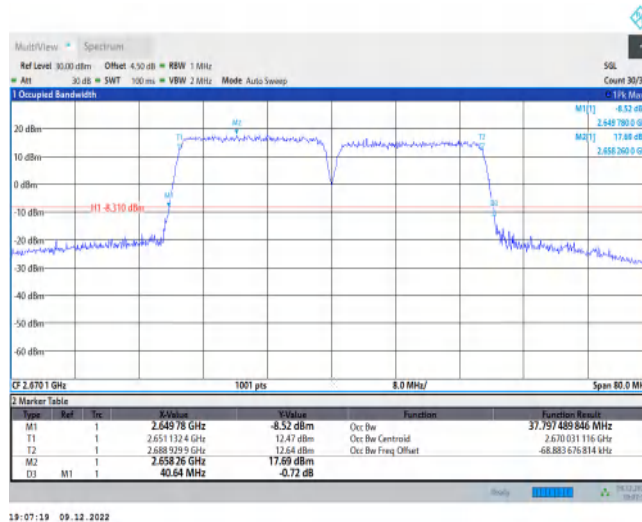


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41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0



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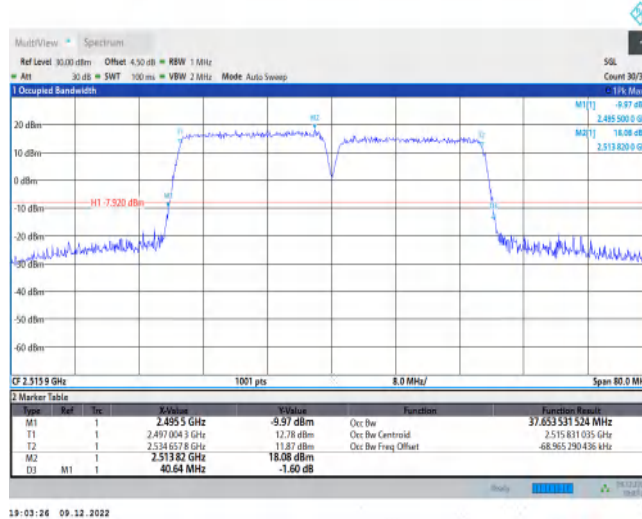


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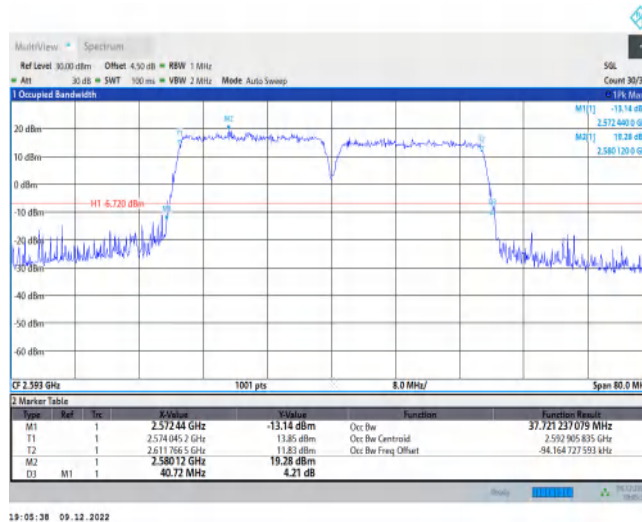
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41-41-20MHz-20MHz-64QAM-64QAM-39750-39948-100RB#0-100RB#0



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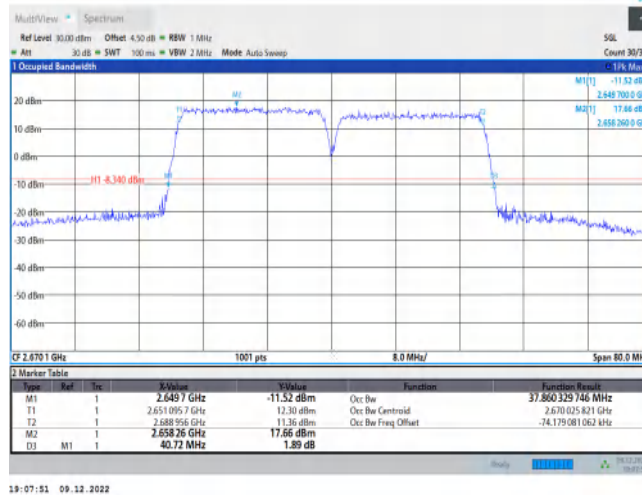


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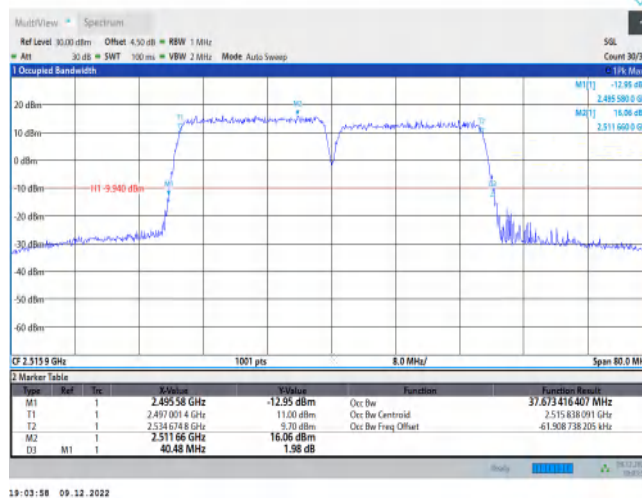
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41-41-20MHz-20MHz-64QAM-64QAM-41292-41490-100RB#0-100RB#0



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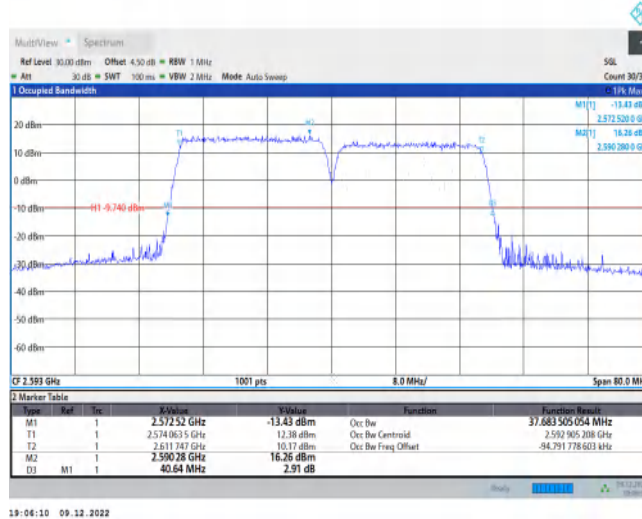


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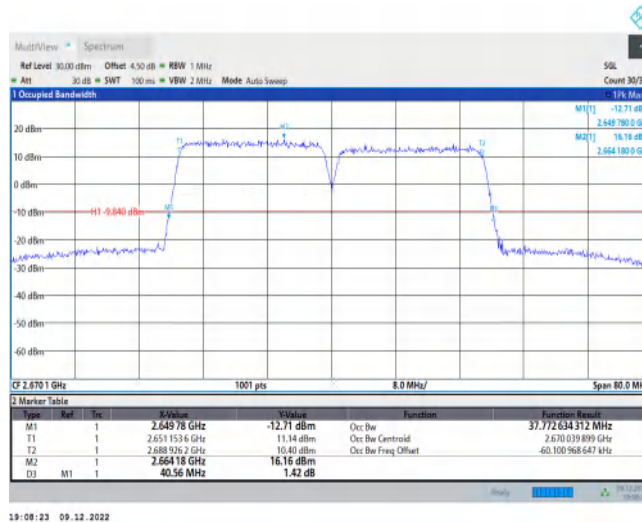
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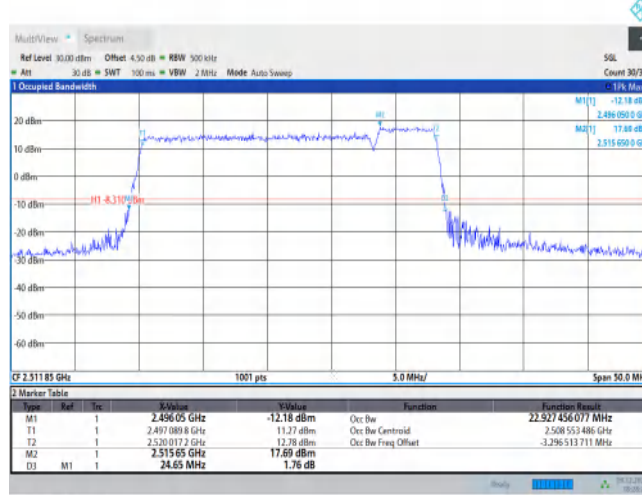


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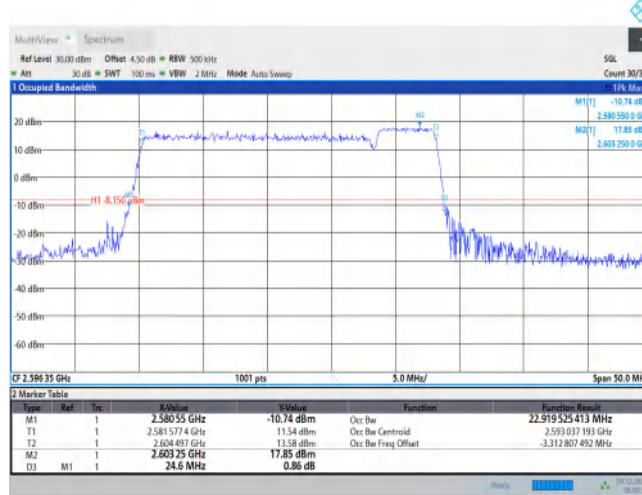
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41-41-20MHz-5MHz-QPSK-QPSK-39750-39867-100RB#0-25RB#0



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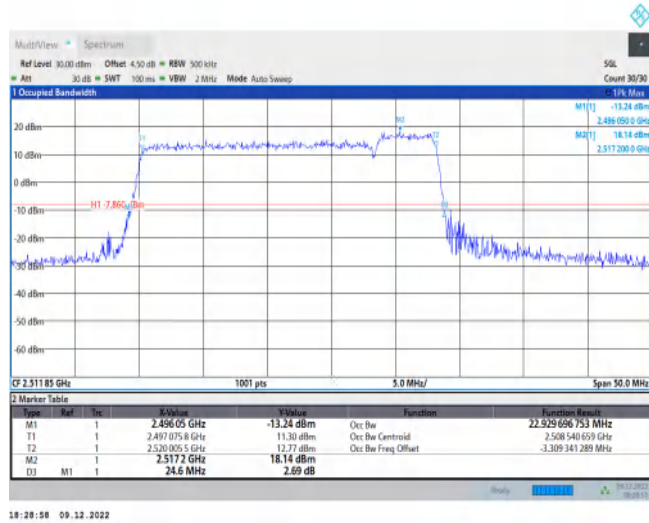
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41-41-20MHz-5MHz-QPSK-QPSK-41440-41557-100RB#0-25RB#0

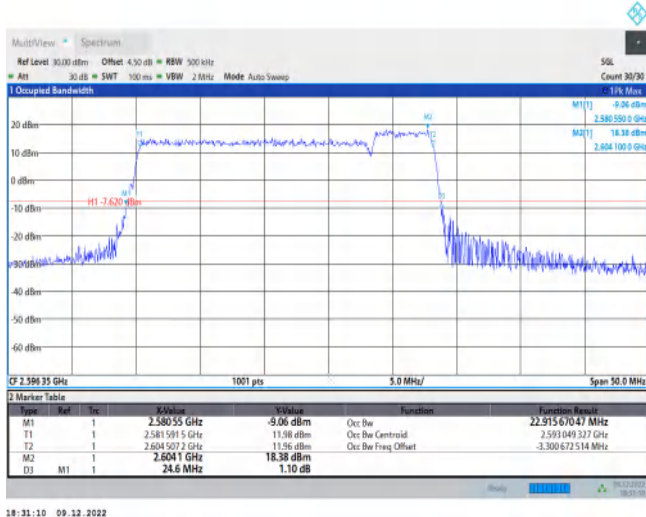


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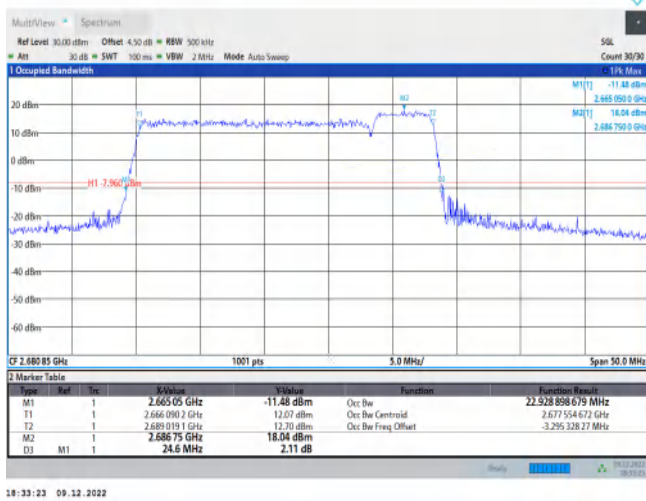


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41-41-20MHz-5MHz-16QAM-16QAM-40595-40712-100RB#0-25RB#0



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

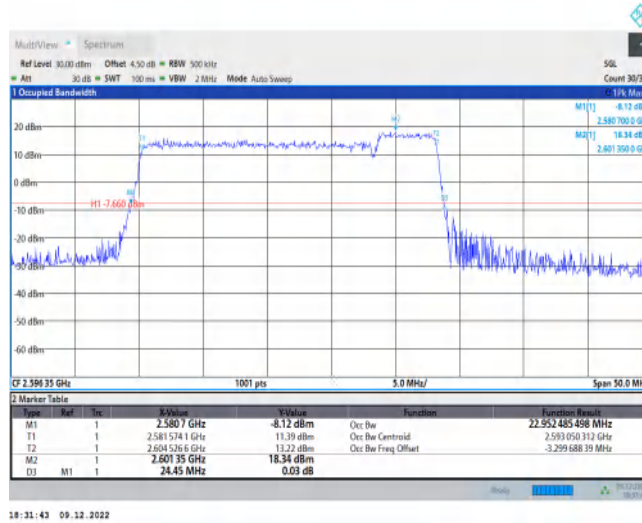


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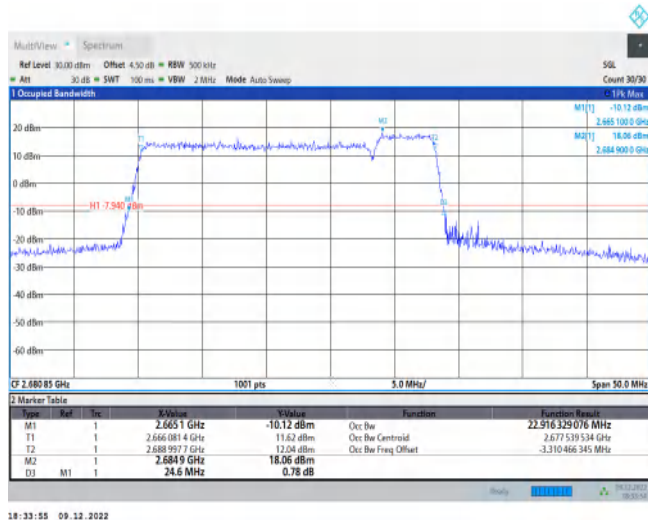
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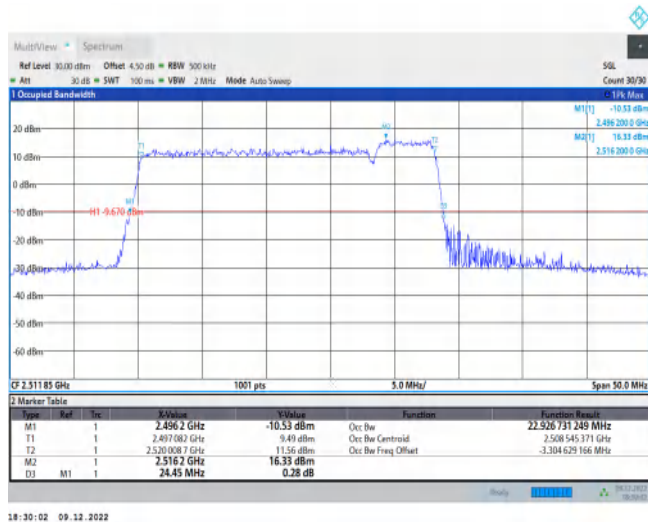
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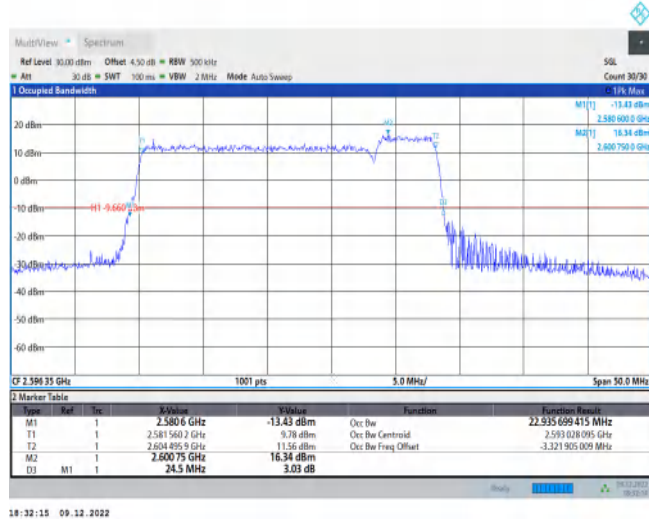


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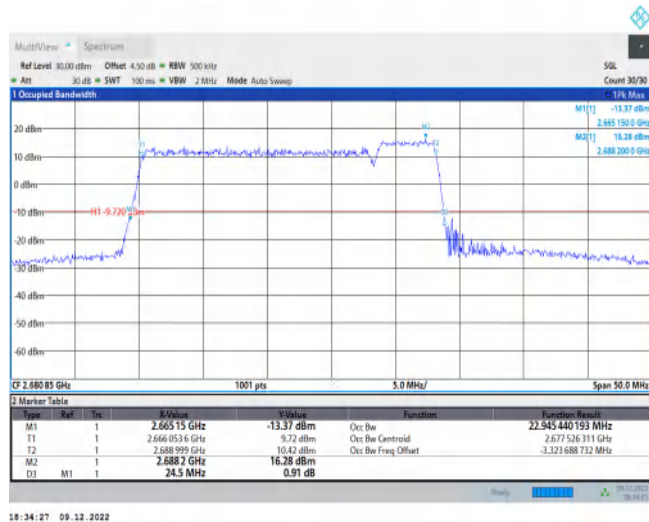


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41-41-20MHz-5MHz-256QAM-256QAM-40595-40712-100RB#0-25RB#0



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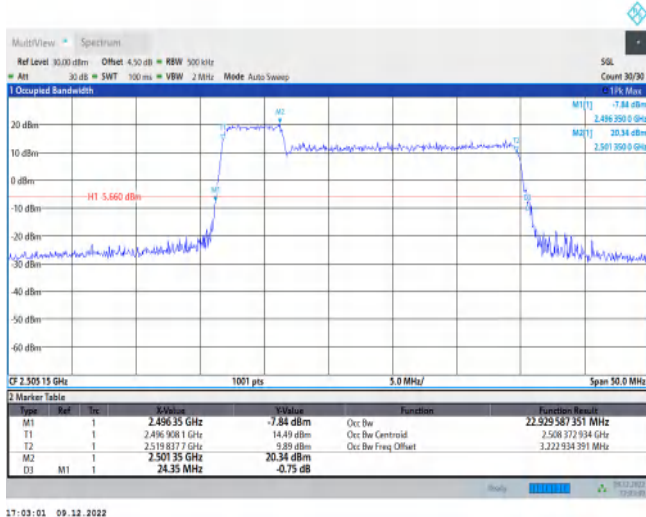


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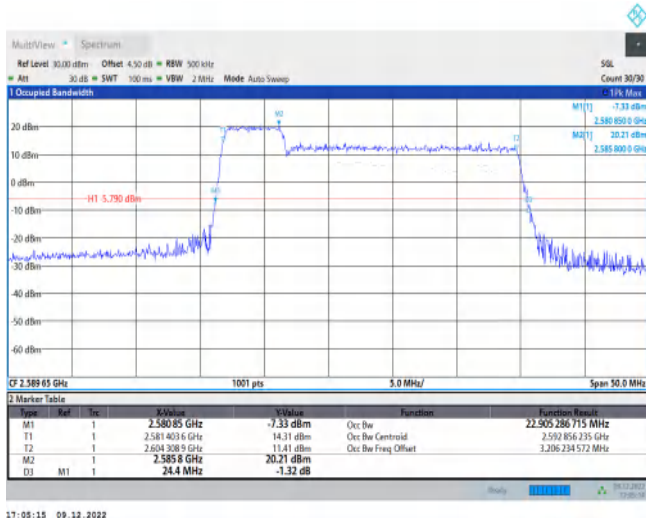
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41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-25RB#0-100RB#0

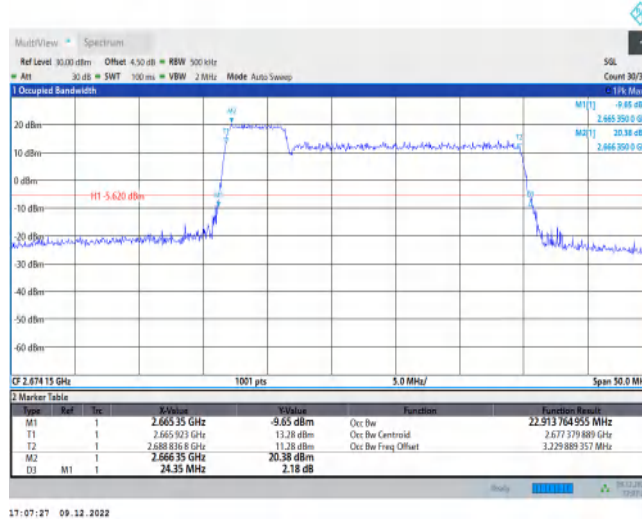


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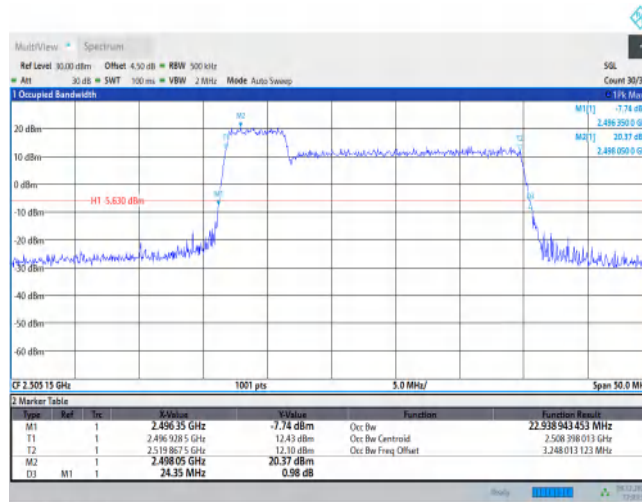
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41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-25RB#0-100RB#0



17:07:27 09.12.2022

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

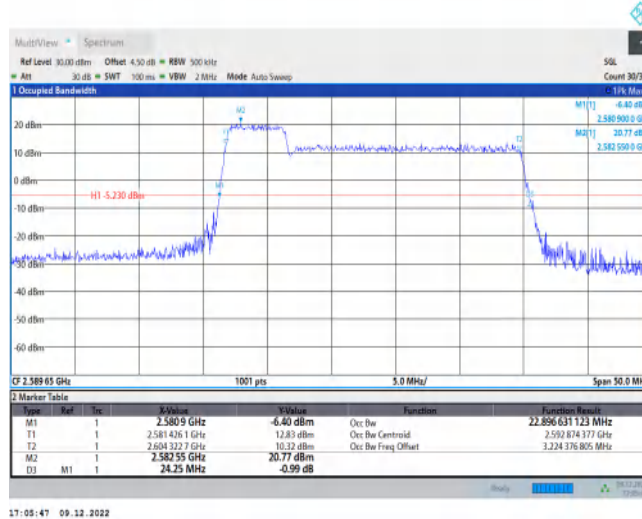


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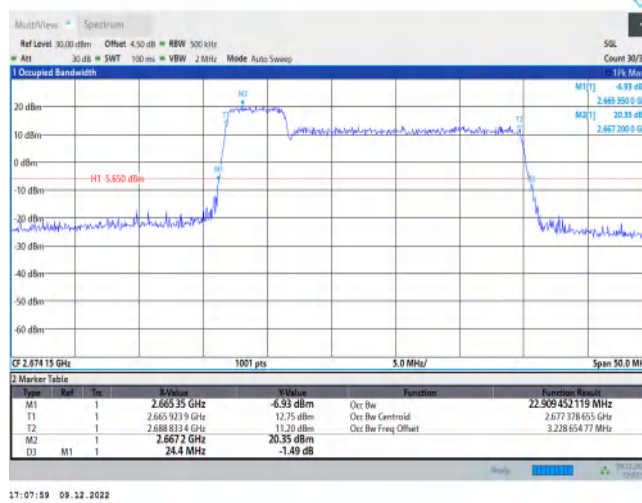


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41-41-5MHz-20MHz-16QAM-16QAM-40528-40645-25RB#0-100RB#0



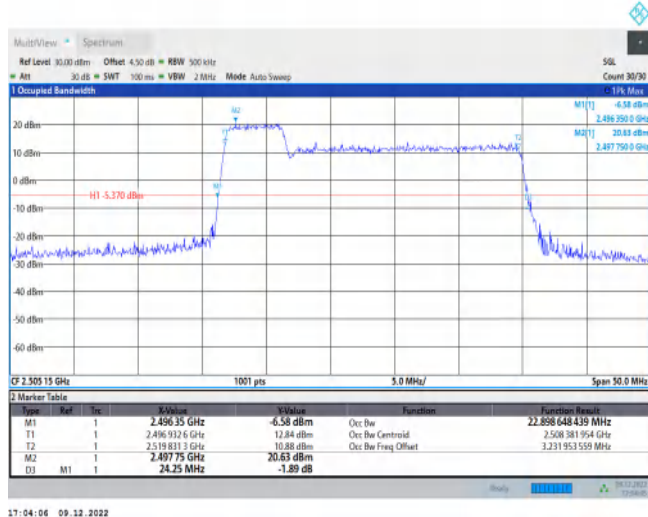
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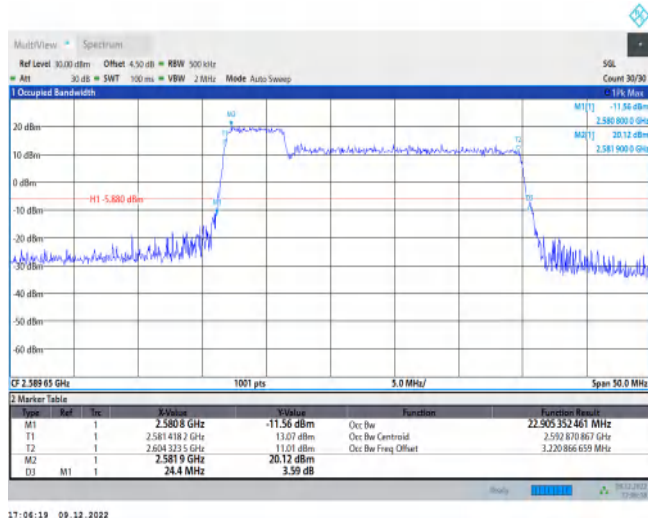
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41-41-5MHz-20MHz-64QAM-64QAM-39683-39800-25RB#0-100RB#0

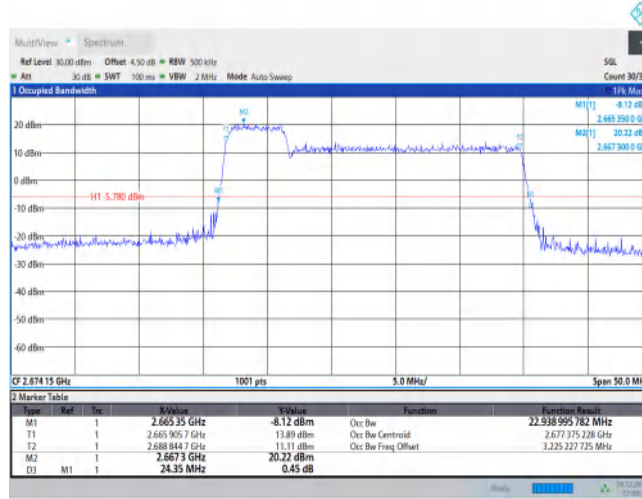


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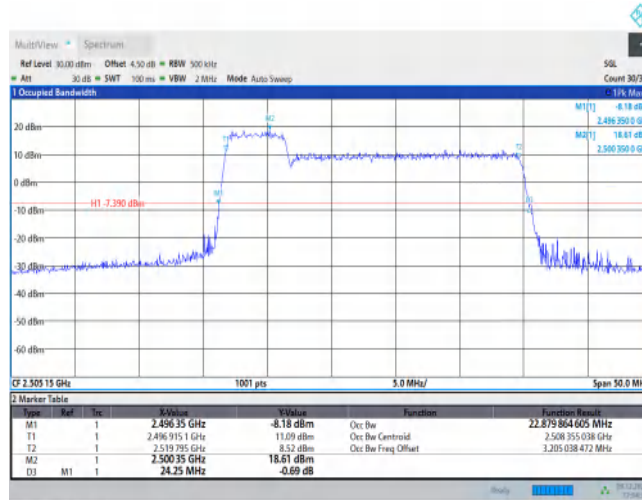
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41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0



17:08:31 09.12.2022

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

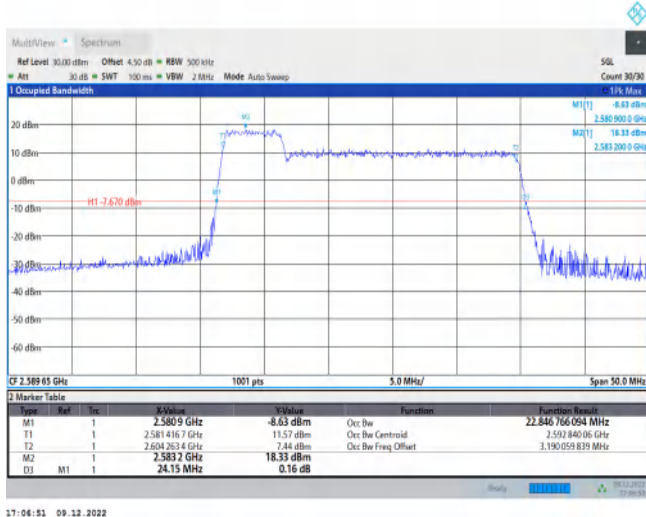


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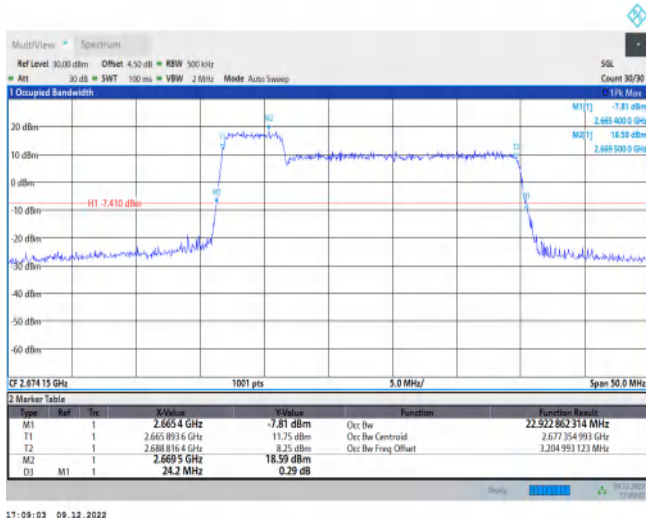


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41-41-5MHz-20MHz-256QAM-256QAM-40528-40645-25RB#0-100RB#0



41-41-5MHz-20MHz-256QAM-256QAM-41373-41490-25RB#0-100RB#0



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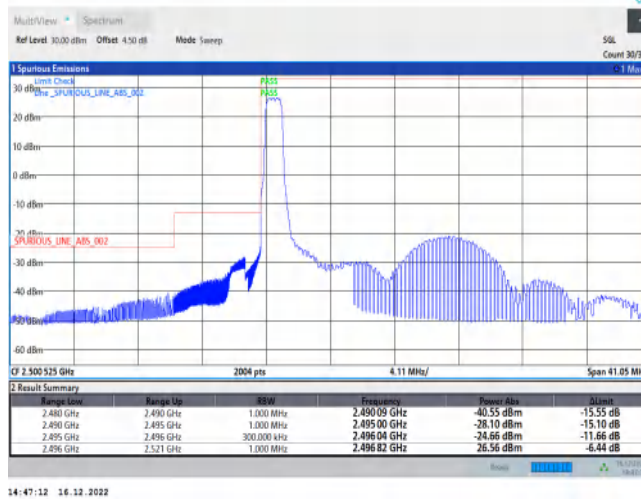
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Band Edge

Test Graphs

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



14:47:12 16.12.2022

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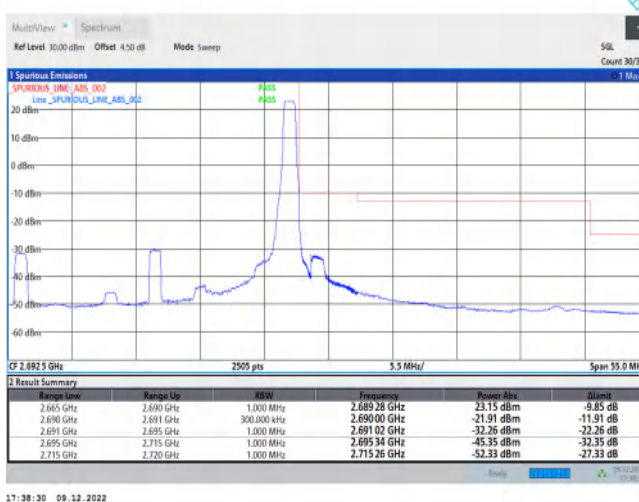


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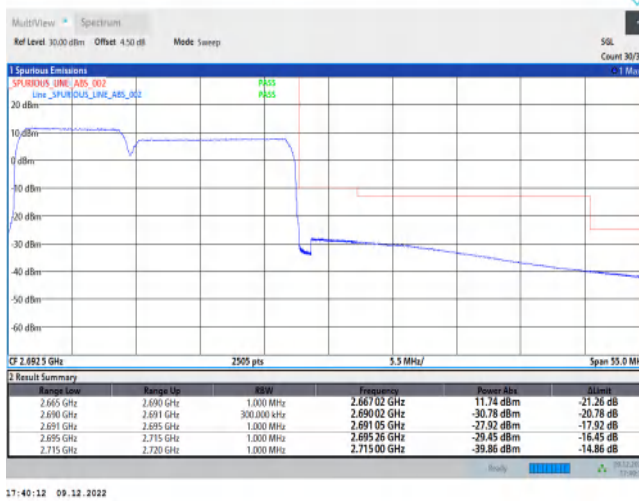


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41-41-10MHz-15MHz-QPSK-QPSK-41395-41515-0RB#0-1RB#74

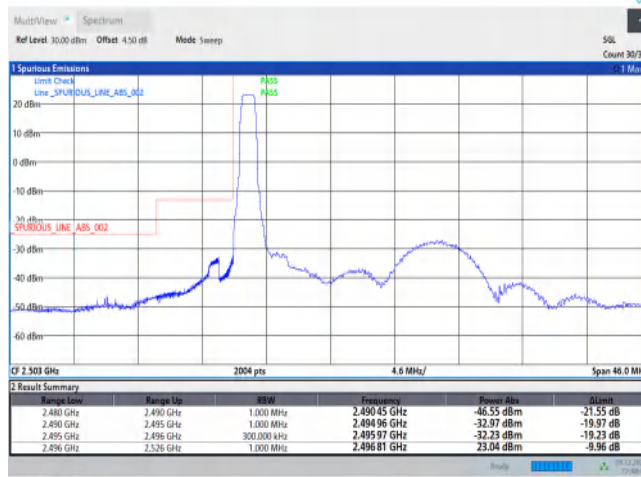


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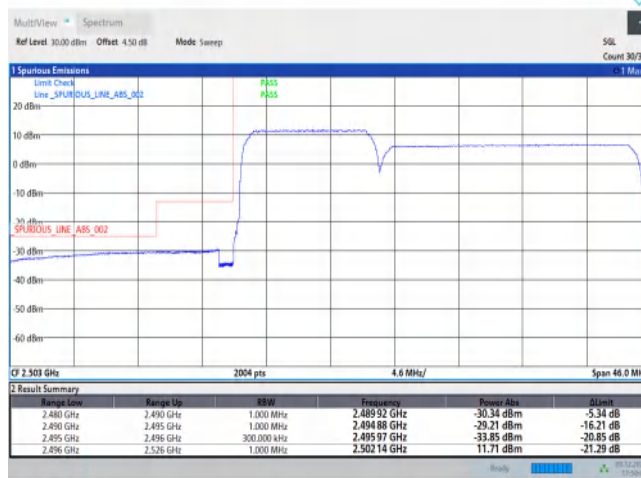
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41-41-10MHz-20MHz-QPSK-QPSK-39705-39849-1RB#0-0RB#0



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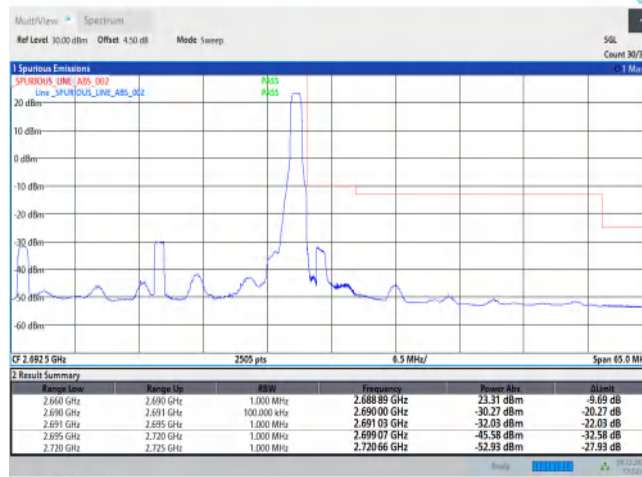


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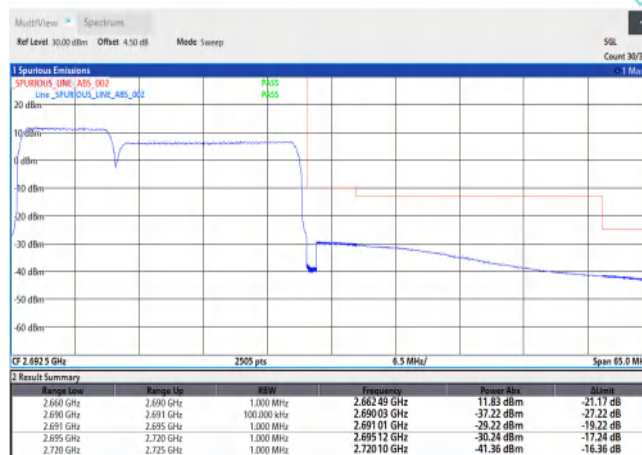
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41-41-10MHz-20MHz-QPSK-QPSK-41346-41490-0RB#0-1RB#99



17:52:03 09.12.2022

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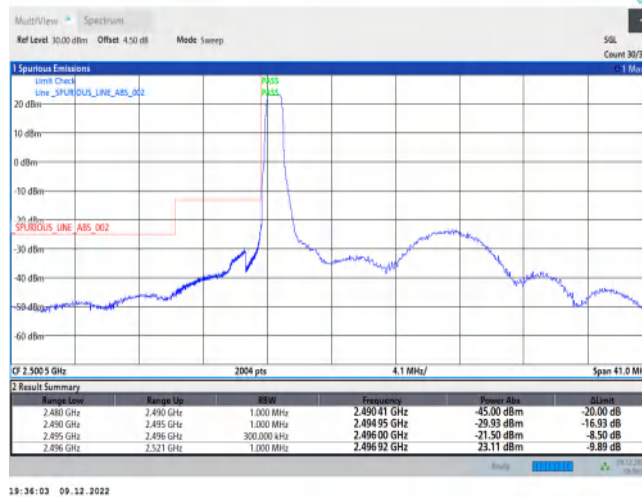


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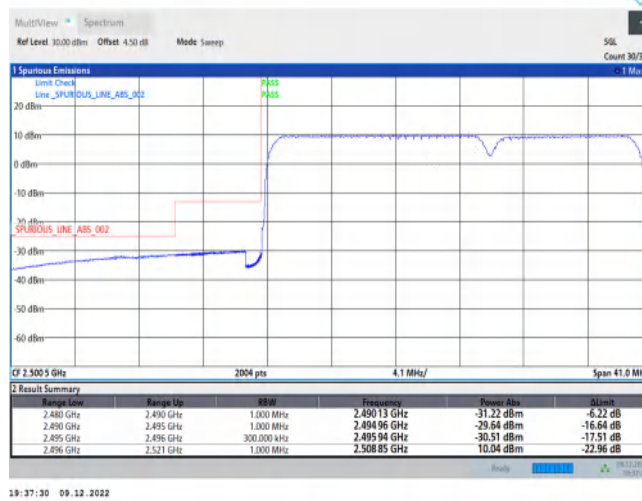


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41-41-15MHz-10MHz-QPSK-QPSK-39725-39845-1RB#0-0RB#0



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



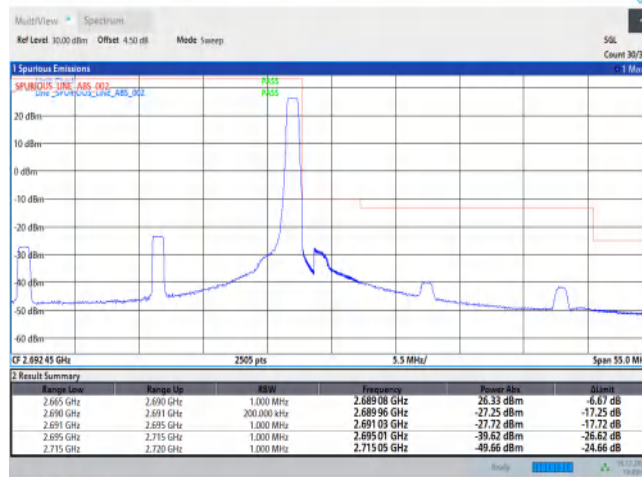
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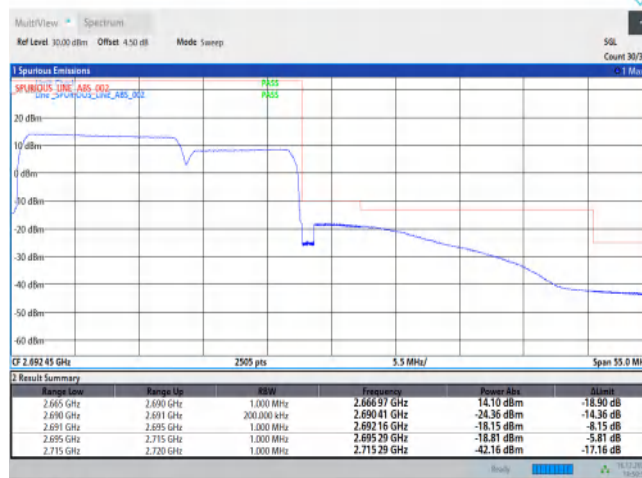


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14:49:08 16.12.2022

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14:50:52 16.12.2022

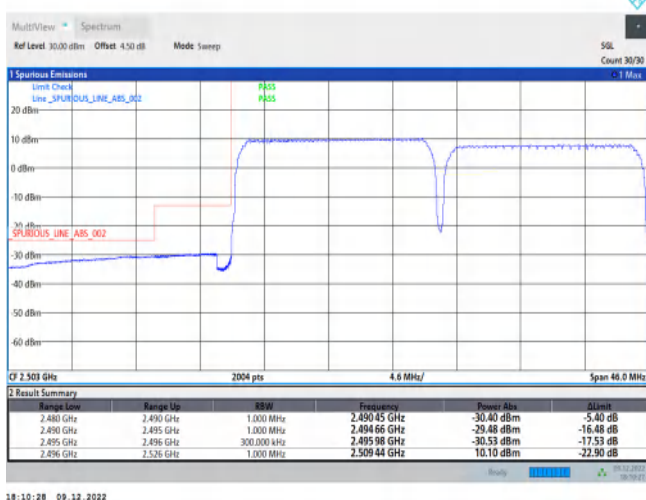


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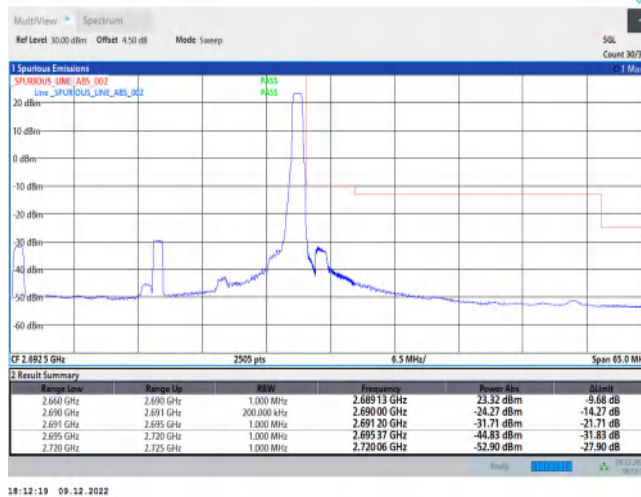


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41-41-15MHz-15MHz-QPSK-QPSK-41365-41515-0RB#0-1RB#74



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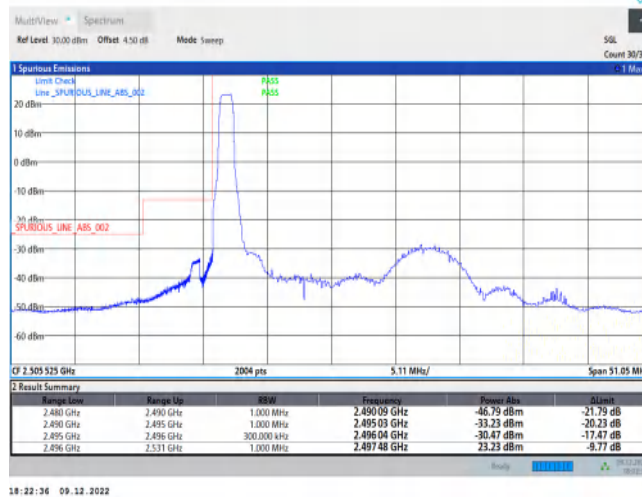


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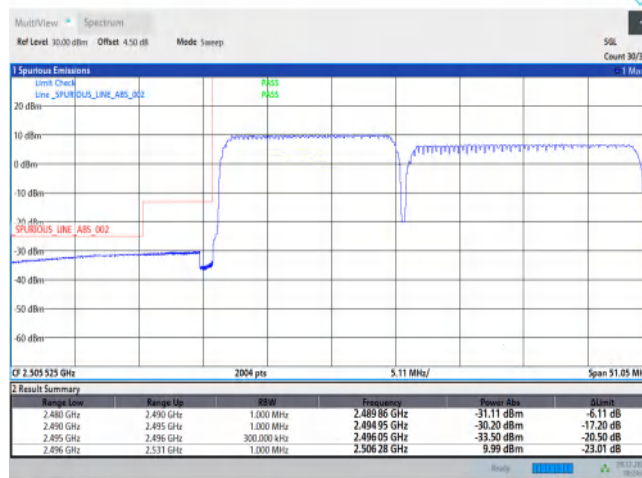
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41-41-15MHz-20MHz-QPSK-QPSK-39728-39899-1RB#0-0RB#0



18:22:36 09.12.2022

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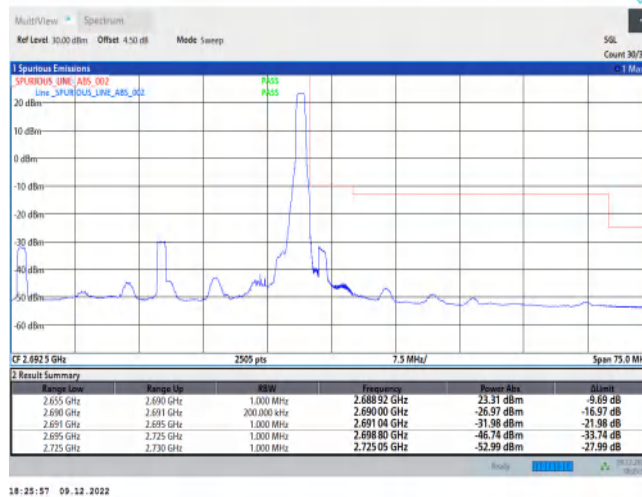


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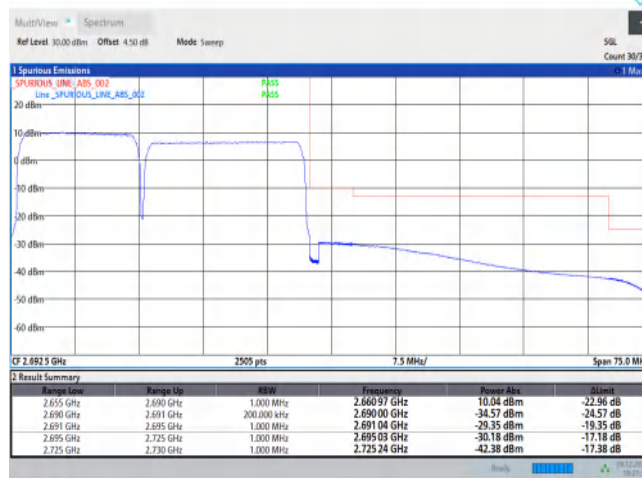
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41-41-15MHz-20MHz-QPSK-QPSK-41319-41490-0RB#0-1RB#99



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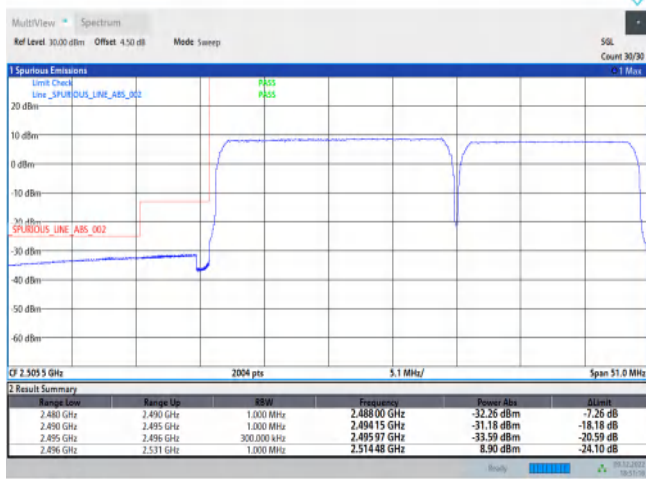


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41-41-20MHz-15MHz-QPSK-QPSK-39750-39921-100RB#0-75RB#0



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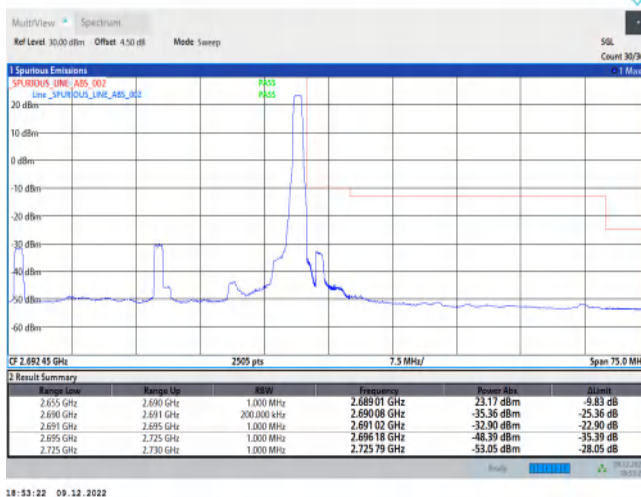


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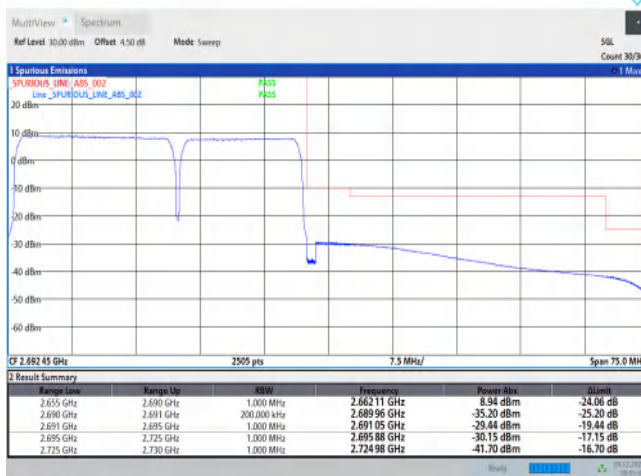
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41-41-20MHz-15MHz-QPSK-QPSK-41341-41512-0RB#0-1RB#74



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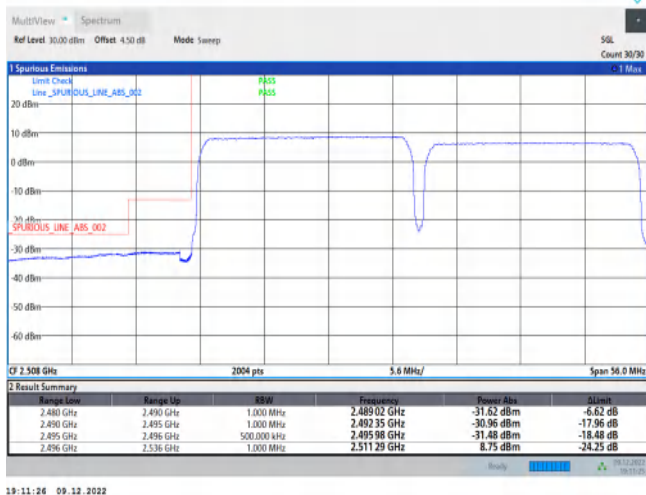


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41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



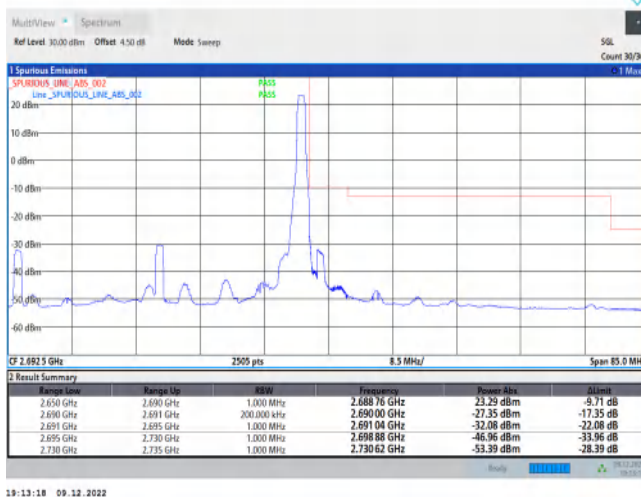
41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0



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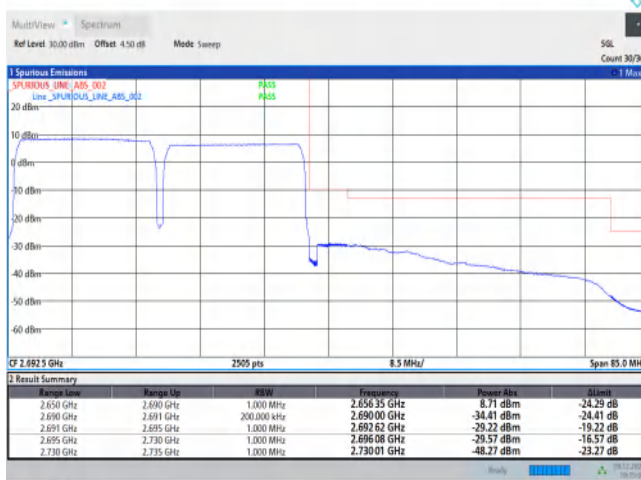


41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-0RB#0-1RB#99



19:13:18 09.12.2022

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

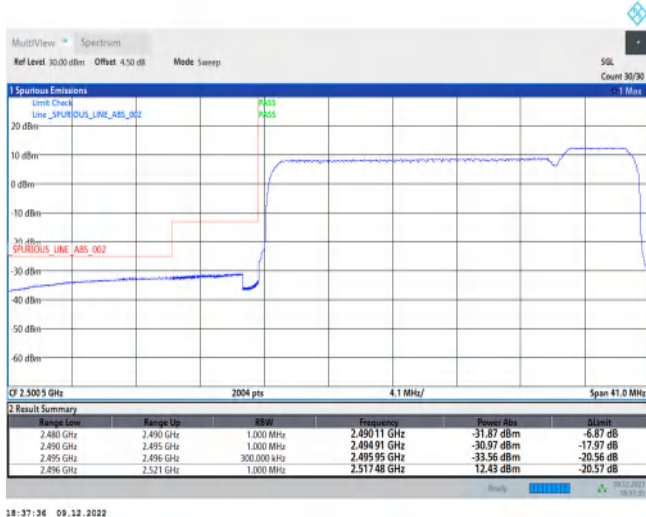


19:15:01 09.12.2022



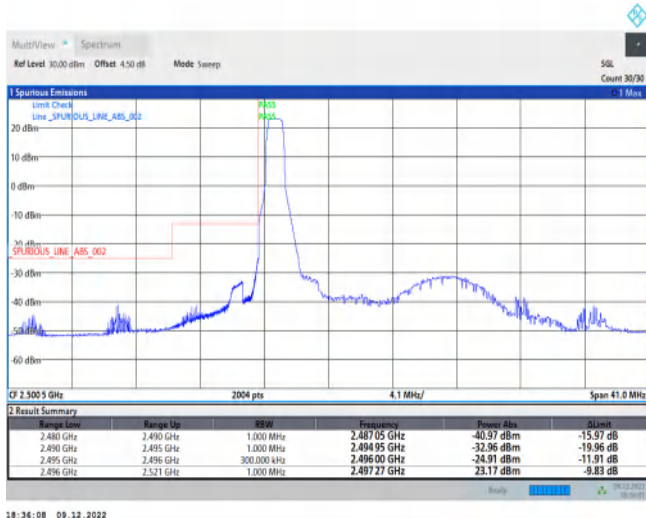
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41-41-20MHz-5MHz-QPSK-QPSK-39750-39867-100RB#0-25RB#0



18:37:36 09.12.2022

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

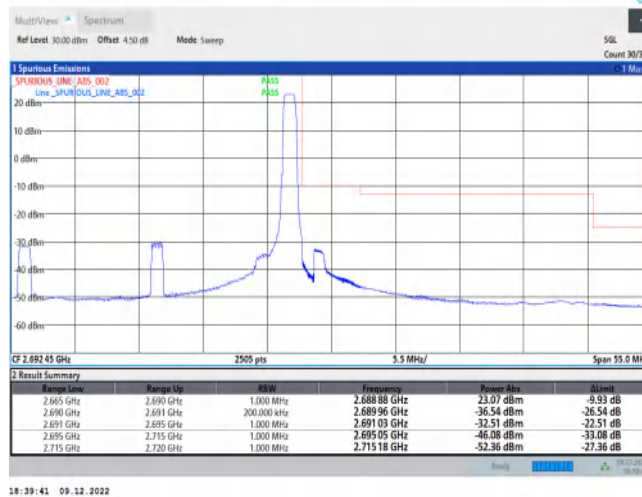


18:36:08 09.12.2022

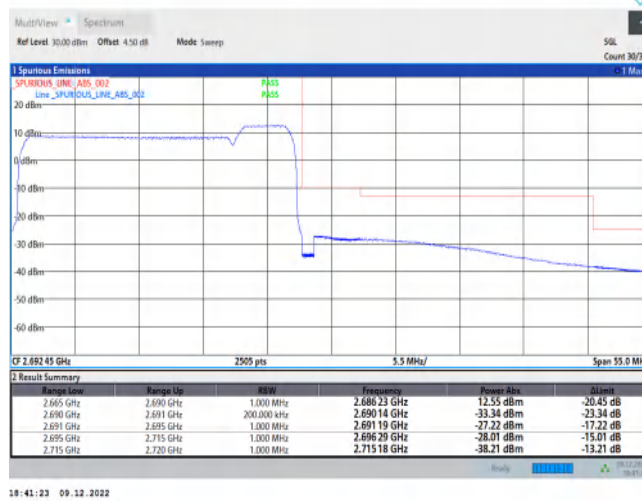


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41-41-20MHz-5MHz-QPSK-QPSK-41440-41557-0RB#0-1RB#24



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

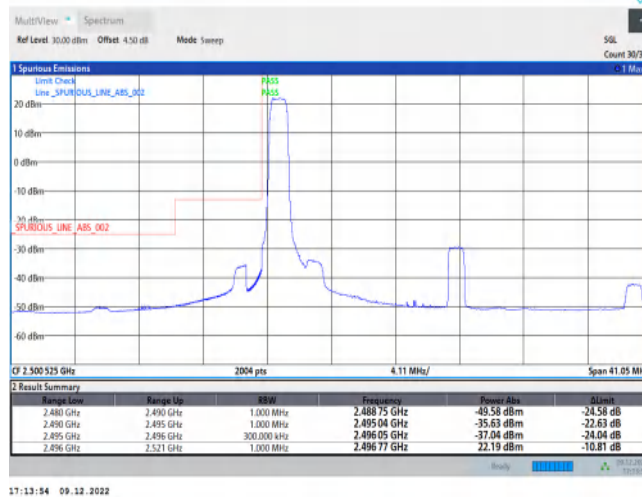


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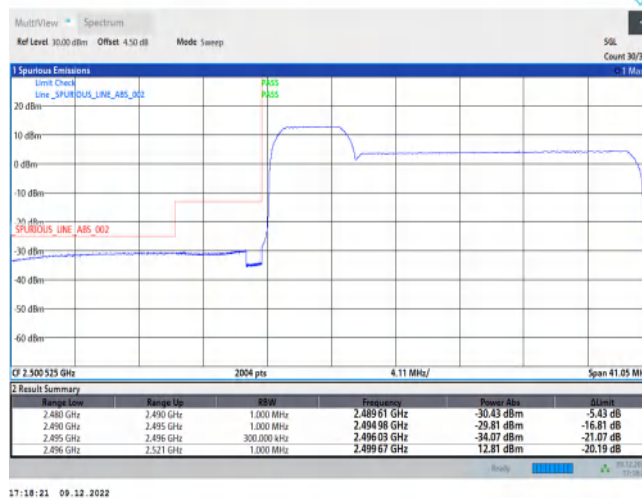
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41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-1RB#0-0RB#0



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

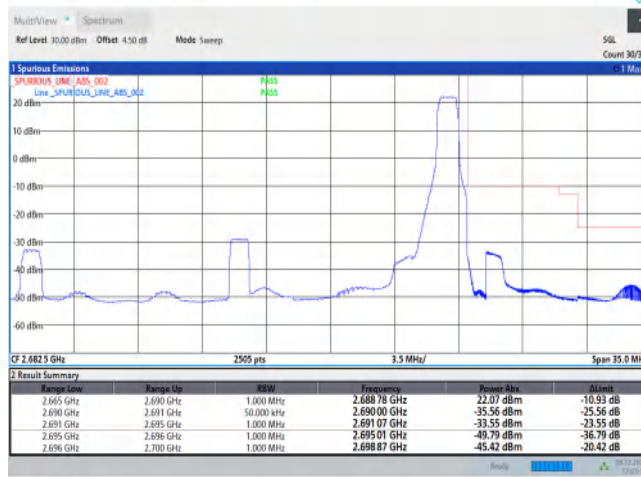


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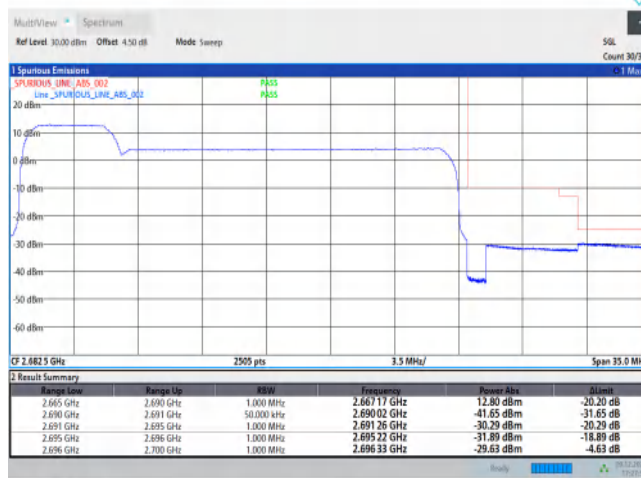
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41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-0RB#0-1RB#99



17:23:16 09.12.2022

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



17:27:59 09.12.2022

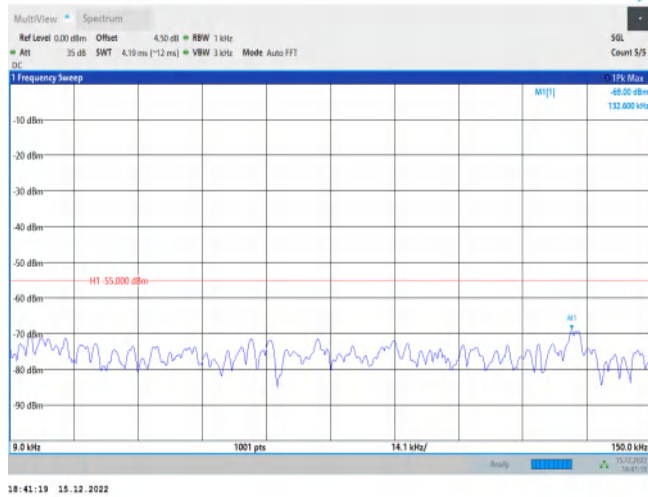


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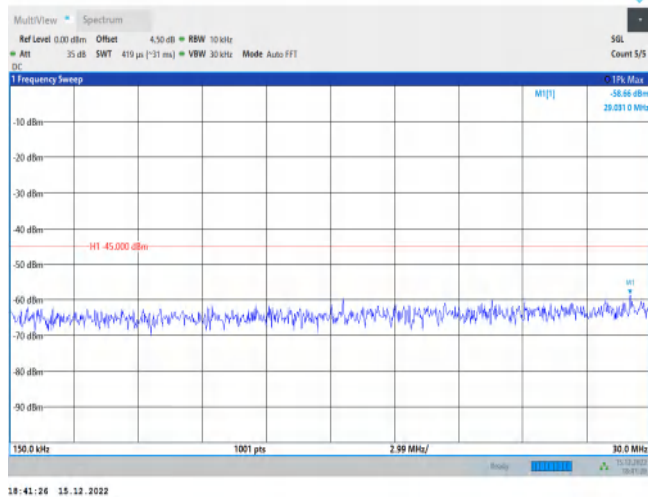
## Conducted Spurious Emission

### Test Graphs

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

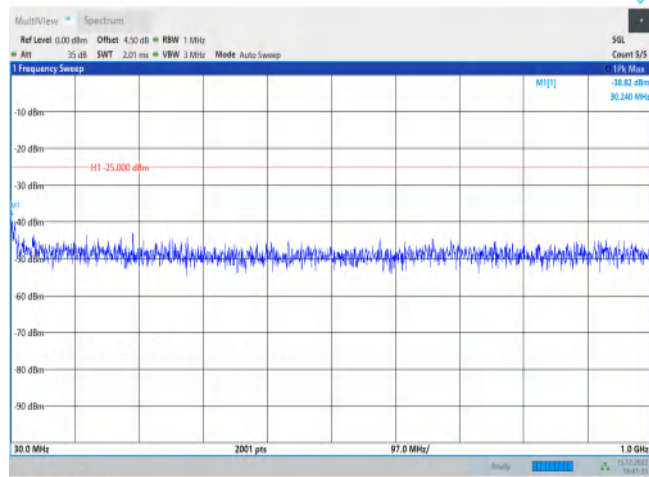


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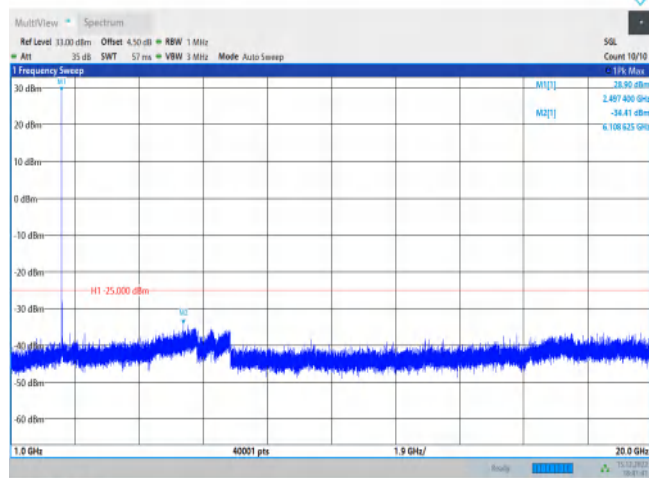
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41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-30~1000MHz



18:41:33 15.12.2022

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

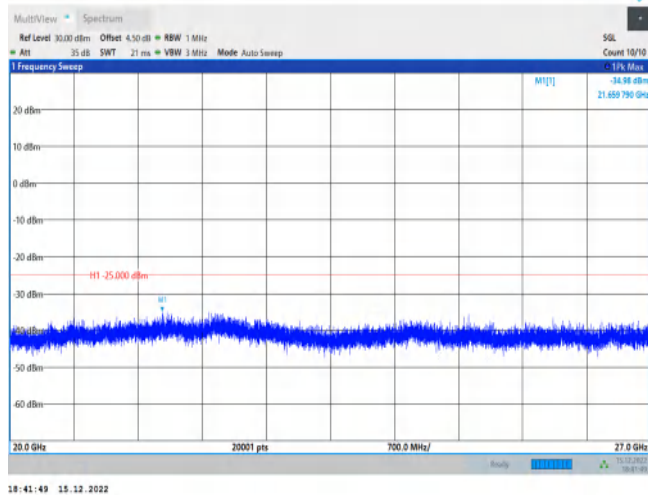


18:41:42 15.12.2022

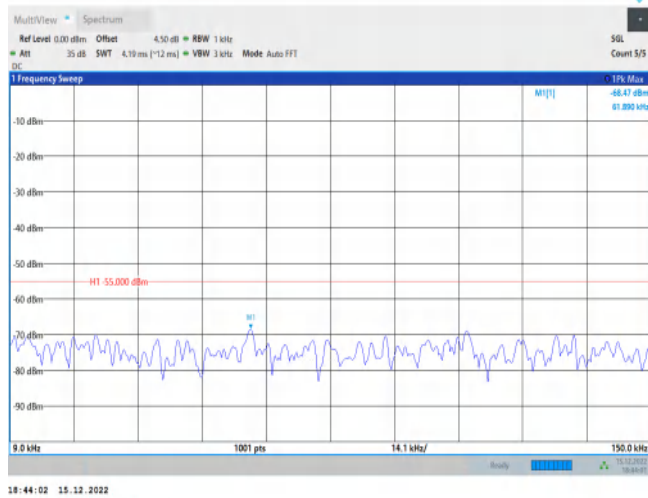


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41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-20000~27000MHz



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

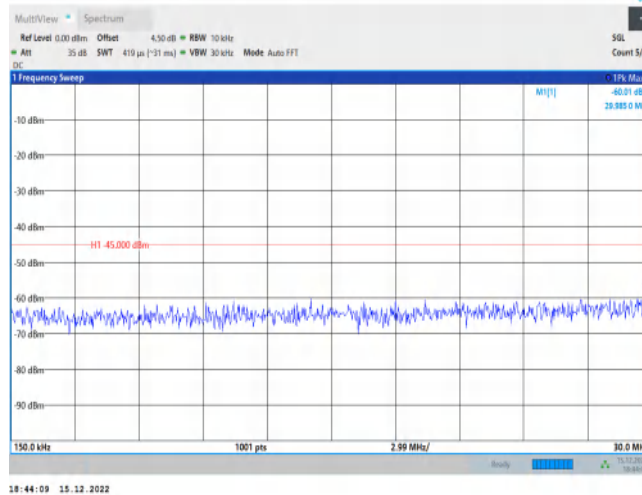


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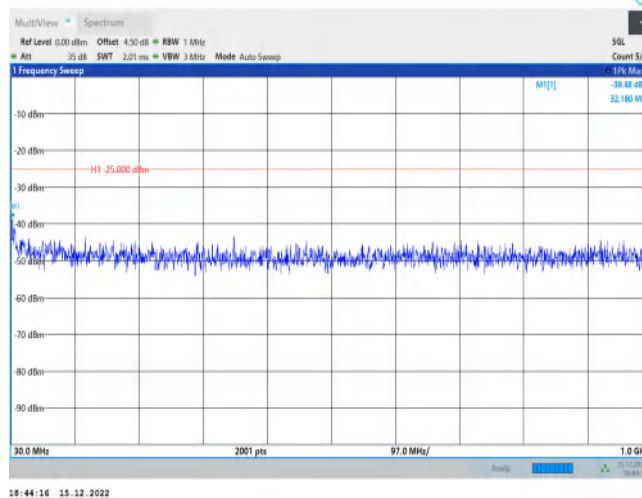
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41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-0.15~30MHz

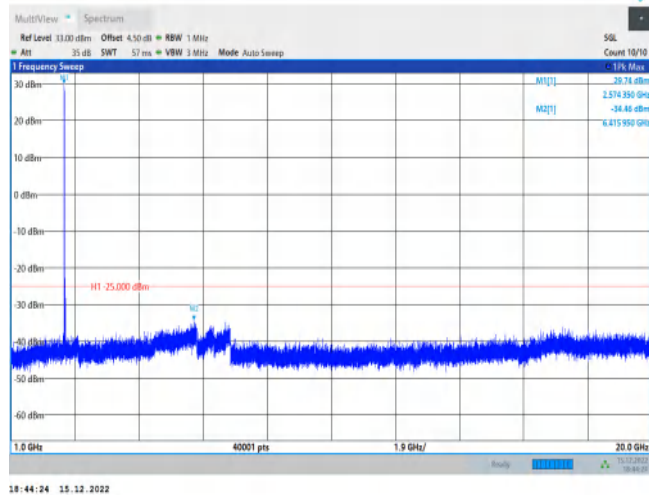


41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-30~1000MHz

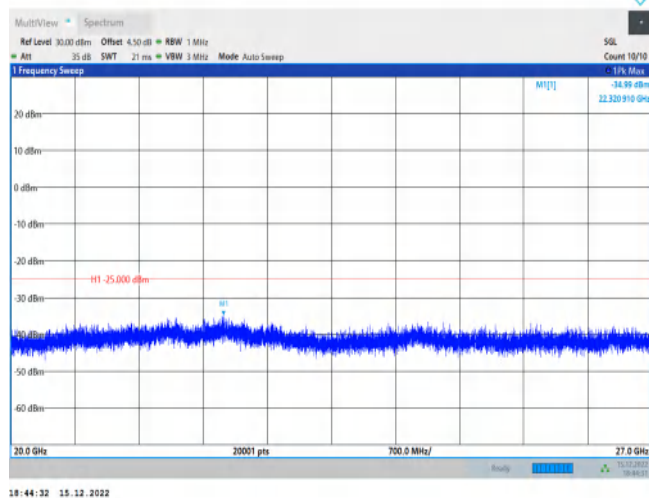


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41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-1000~20000MHz

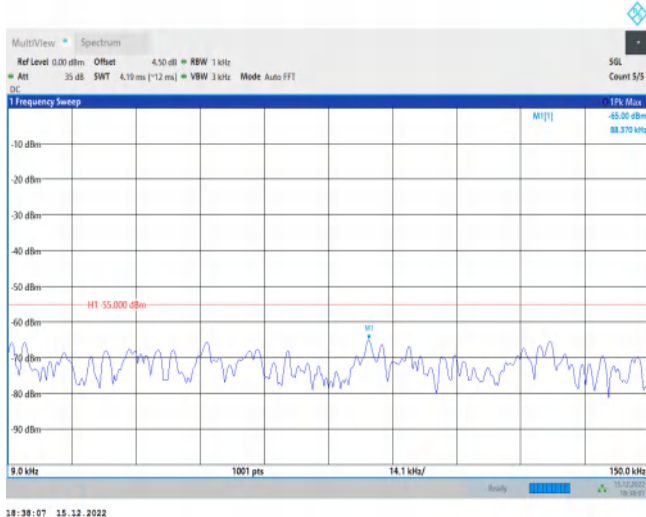


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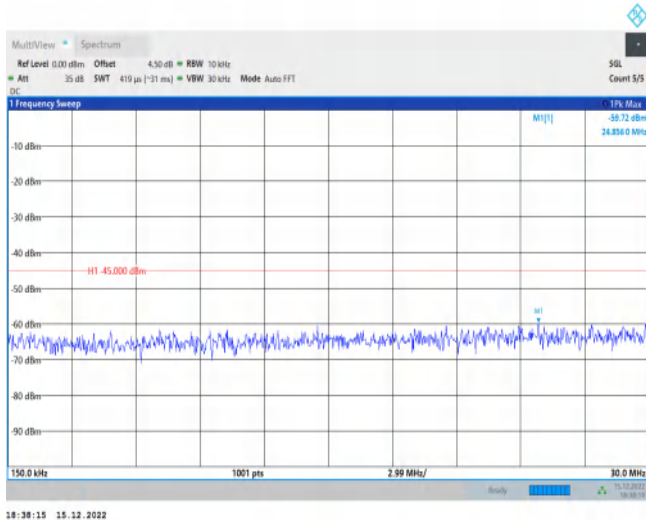


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41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-0.009~0.15MHz

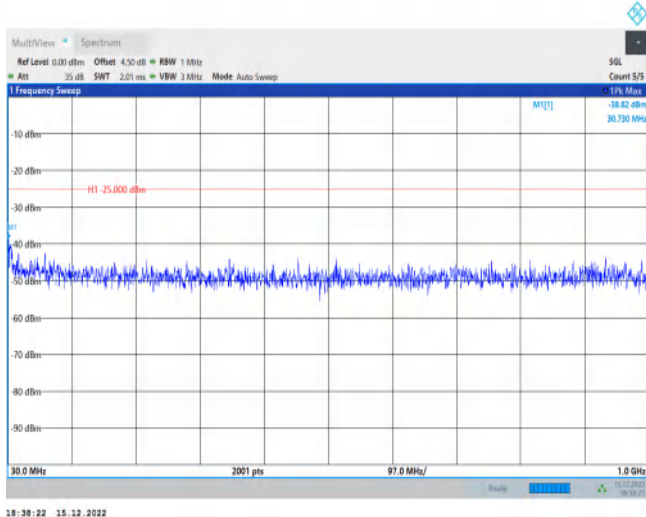


41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-0.15~30MHz

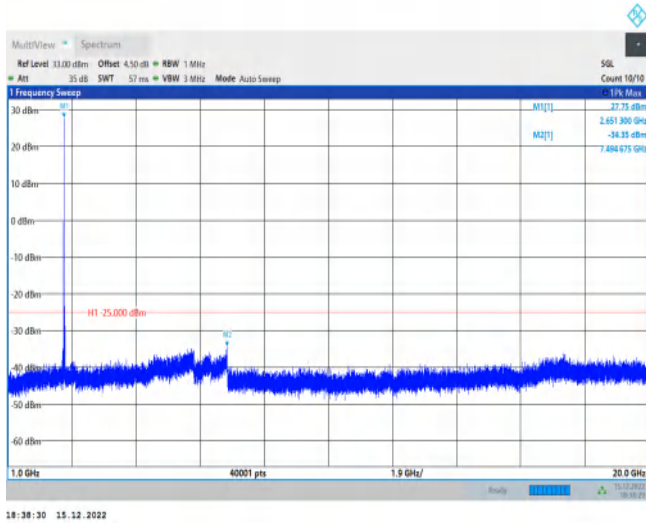


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41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-30~1000MHz

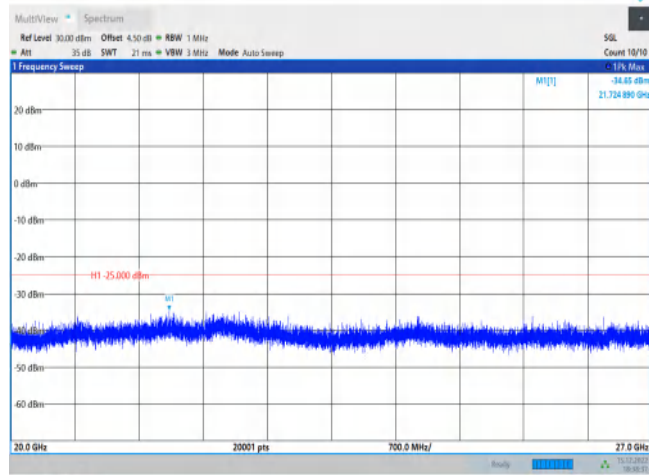


41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-1000~20000MHz



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



18:38:38 15.12.2022



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### Field Strength of Spurious Radiation

Test Band = UL CA 41C ANT0\_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4994.18	42.57	-44.94	32.59	-65.04	-25.00	40.04	247	343	Horizontal
2	7491.27	42.79	-41.63	36.49	-57.61	-25.00	32.61	198	82	Horizontal
3	9988.36	33.19	-37.16	38.50	-60.73	-25.00	35.73	349	225	Horizontal
4	12485.45	32.00	-35.26	39.09	-59.43	-25.00	34.43	215	122	Horizontal
5	14982.54	31.38	-33.99	39.22	-58.65	-25.00	33.65	167	3	Horizontal
6	17479.63	29.97	-31.91	40.52	-56.68	-25.00	31.68	134	246	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	4994.18	42.76	-44.94	32.59	-64.85	-25.00	39.85	213	184	Vertical
2	7491.27	46.99	-41.63	36.49	-53.41	-25.00	28.41	242	327	Vertical
3	9988.36	33.56	-37.16	38.50	-60.36	-25.00	35.36	169	355	Vertical
4	12485.45	32.05	-35.26	39.09	-59.38	-25.00	34.38	253	80	Vertical
5	14982.54	30.83	-33.99	39.22	-59.20	-25.00	34.20	322	308	Vertical
6	17479.63	29.46	-31.91	40.52	-57.19	-25.00	32.19	128	80	Vertical



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Test Band = UL CA 41C ANT0\_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	17692.5	32.54	-31.03	41.37	-52.38	-25.00	27.38	174	359	Horizontal
2	5148.38	45.89	-44.22	32.60	-60.99	-25.00	35.99	201	356	Horizontal
3	7722.57	38.57	-41.17	36.95	-60.91	-25.00	35.91	168	166	Horizontal
4	10296.76	34.87	-36.82	38.83	-58.38	-25.00	33.38	235	40	Horizontal
5	12870.95	32.08	-34.93	39.47	-58.64	-25.00	33.64	336	144	Horizontal
6	15445.14	30.72	-34.01	38.62	-59.93	-25.00	34.93	211	40	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	17012.5	33.07	-31.37	38.65	-54.91	-25.00	29.91	233	229	Vertical
2	5148.38	46.11	-44.22	32.60	-60.77	-25.00	35.77	152	41	Vertical
3	7722.57	39.62	-41.17	36.95	-59.86	-25.00	34.86	269	125	Vertical
4	10296.76	33.96	-36.82	38.83	-59.29	-25.00	34.29	337	291	Vertical
5	12870.95	32.35	-34.93	39.47	-58.37	-25.00	33.37	124	251	Vertical
6	15445.14	30.13	-34.01	38.62	-60.52	-25.00	35.52	189	251	Vertical



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Test Band = UL CA 41C ANT0\_ TM1

Test Channel = High Channel

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	48.81	-44.01	32.60	-57.86	-25.00	32.86	147	346	Horizontal
2	17882.5	32.61	-31.02	42.13	-51.54	-25.00	26.54	215	185	Horizontal
3	7953.87	38.55	-40.52	37.41	-59.82	-25.00	34.82	236	331	Horizontal
4	10605.16	33.84	-36.13	39.17	-58.39	-25.00	33.39	326	80	Horizontal
5	13256.45	31.22	-35.05	39.75	-59.34	-25.00	34.34	199	40	Horizontal
6	15907.54	30.57	-33.71	38.02	-60.38	-25.00	35.38	247	100	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	49.88	-44.01	32.60	-56.79	-25.00	31.79	247	40	Vertical
2	17826.5	32.41	-30.88	41.91	-51.82	-25.00	26.82	138	249	Vertical
3	7953.87	40.05	-40.52	37.41	-58.32	-25.00	33.32	168	163	Vertical
4	10605.16	33.44	-36.13	39.17	-58.79	-25.00	33.79	288	228	Vertical
5	13256.45	31.20	-35.05	39.75	-59.36	-25.00	34.36	324	185	Vertical
6	15907.54	29.72	-33.71	38.02	-61.23	-25.00	36.23	307	290	Vertical



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Test Band = UL CA 41C ANT2\_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4994.18	45.09	-44.94	32.59	-62.52	-25.00	37.52	296	26	Horizontal
2	7491.27	46.25	-41.63	36.49	-54.15	-25.00	29.15	265	1	Horizontal
3	9988.36	34.60	-37.16	38.50	-59.32	-25.00	34.32	241	300	Horizontal
4	12485.45	32.55	-35.26	39.09	-58.88	-25.00	33.88	142	0	Horizontal
5	14982.54	31.75	-33.99	39.22	-58.28	-25.00	33.28	263	319	Horizontal
6	17479.63	29.74	-31.91	40.52	-56.91	-25.00	31.91	201	131	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	4994.18	44.83	-44.94	32.59	-62.78	-25.00	37.78	296	175	Vertical
2	7491.27	48.20	-41.63	36.49	-52.20	-25.00	27.20	366	197	Vertical
3	9988.36	36.98	-37.16	38.50	-56.94	-25.00	31.94	265	112	Vertical
4	12485.45	32.56	-35.26	39.09	-58.87	-25.00	33.87	288	112	Vertical
5	14982.54	32.74	-33.99	39.22	-57.29	-25.00	32.29	274	154	Vertical
6	17479.63	30.14	-31.91	40.52	-56.51	-25.00	31.51	145	259	Vertical



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Test Band = UL CA 41C ANT2\_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	17552	32.74	-31.84	40.81	-53.56	-25.00	28.56	215	237	Horizontal
2	5148.38	46.13	-44.22	32.60	-60.75	-25.00	35.75	236	341	Horizontal
3	7722.57	39.71	-41.17	36.95	-59.77	-25.00	34.77	288	69	Horizontal
4	10296.76	34.93	-36.82	38.83	-58.32	-25.00	33.32	352	69	Horizontal
5	12870.95	33.08	-34.93	39.47	-57.64	-25.00	32.64	158	0	Horizontal
6	15445.14	31.46	-34.01	38.62	-59.19	-25.00	34.19	199	156	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	17689	33.35	-31.06	41.36	-51.62	-25.00	26.62	247	259	Vertical
2	5148.38	46.87	-44.22	32.60	-60.01	-25.00	35.01	169	33	Vertical
3	7722.57	38.77	-41.17	36.95	-60.71	-25.00	35.71	318	357	Vertical
4	10296.76	34.18	-36.82	38.83	-59.07	-25.00	34.07	256	198	Vertical
5	12870.95	32.82	-34.93	39.47	-57.90	-25.00	32.90	174	33	Vertical
6	15445.14	30.89	-34.01	38.62	-59.76	-25.00	34.76	244	198	Vertical



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**Test Band = UL CA 41C ANT2\_ TM1**  
**Test Channel = High Channel**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	17645.5	32.35	-31.42	41.18	-53.15	-25.00	28.15	255	357	Horizontal
2	5302.58	46.47	-44.02	32.60	-60.21	-25.00	35.21	208	317	Horizontal
3	7953.87	36.87	-40.52	37.41	-61.50	-25.00	36.50	294	317	Horizontal
4	10605.16	33.81	-36.13	39.17	-58.42	-25.00	33.42	352	46	Horizontal
5	13256.45	32.20	-35.05	39.75	-58.36	-25.00	33.36	146	87	Horizontal
6	15907.54	30.39	-33.71	38.02	-60.56	-25.00	35.56	162	132	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	17688.5	32.53	-31.07	41.35	-52.44	-25.00	27.44	249	216	Vertical
2	5302.58	45.60	-44.02	32.60	-61.08	-25.00	36.08	186	47	Vertical
3	7953.87	42.22	-40.52	37.41	-56.15	-25.00	31.15	217	154	Vertical
4	10605.16	33.13	-36.13	39.17	-59.10	-25.00	34.10	334	1	Vertical
5	13256.45	32.37	-35.05	39.75	-58.19	-25.00	33.19	285	357	Vertical
6	15907.54	30.07	-33.71	38.02	-60.88	-25.00	35.88	165	132	Vertical

**Remark:**

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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## Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VH	NT	41.70	0.016143	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VL	NT	39.30	0.015214	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VN	NT	40.40	0.015640	PASS

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	NV	75	-2.30	-0.000634	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	60	-2.30	-0.000634	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	50	36.60	0.014169	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	40	39.00	0.015098	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	30	37.70	0.014595	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	20	37.30	0.014440	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	10	37.70	0.014595	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	0	40.40	0.015640	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-10	38.80	0.015021	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-20	39.40	0.015253	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-30	40.70	0.015756	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-40	8.50	0.002345	PASS

---End of Attachment---



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