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Rev.: 01

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Appendix B.24

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	24.83	27.23	33.00	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	23.73	26.13	33.00	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	1RB#0-0RB#0	25.23	27.63	33.00	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	24	26.4	33.00	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	1RB#0-0RB#0	24.91	27.31	33.00	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	23.62	26.02	33.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	1RB#0-0RB#0	23.9	26.3	33.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	22.75	25.15	33.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	1RB#0-0RB#0	24.22	26.62	33.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	23.01	25.41	33.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	1RB#0-0RB#0	23.92	26.32	33.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	22.64	25.04	33.00	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	1RB#0-0RB#0	22.91	25.31	33.00	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	22.75	25.15	33.00	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	1RB#0-0RB#0	23.32	25.72	33.00	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	23.02	25.42	33.00	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	1RB#0-0RB#0	22.98	25.38	33.00	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	22.62	25.02	33.00	PASS
41-41	10MHz-15MHz	256QAM-256QAM	39703-39823	1RB#0-0RB#0	20.04	22.44	33.00	PASS
41-41	10MHz-15MHz	256QAM-256QAM	39703-39823	50RB#0-75RB#0	20.77	23.17	33.00	PASS
41-41	10MHz-15MHz	256QAM-256QAM	40549-40669	1RB#0-0RB#0	20.29	22.69	33.00	PASS
41-41	10MHz-15MHz	256QAM-256QAM	40549-40669	50RB#0-75RB#0	21.01	23.41	33.00	PASS
41-41	10MHz-15MHz	256QAM-256QAM	41395-41515	1RB#0-0RB#0	19.82	22.22	33.00	PASS
41-41	10MHz-15MHz	256QAM-256QAM	41395-41515	50RB#0-75RB#0	20.62	23.02	33.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	1RB#0-0RB#0	24.85	27.25	33.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	23.77	26.17	33.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	1RB#0-0RB#0	25.29	27.69	33.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	24.03	26.43	33.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	1RB#0-0RB#0	24.92	27.32	33.00	PASS



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Table with 9 columns: Item No., Frequency, Modulation, Code Rate, Bandwidth, SNR, BER, Error Rate, and Result. Contains 48 rows of test data.



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41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	1RB#0-0RB#0	23.34	25.74	33.00	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	23.03	25.43	33.00	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	1RB#0-0RB#0	22.94	25.34	33.00	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	22.66	25.06	33.00	PASS
41-41	15MHz-10MHz	256QAM-256QAM	39725-39845	1RB#0-0RB#0	20.01	22.41	33.00	PASS
41-41	15MHz-10MHz	256QAM-256QAM	39725-39845	75RB#0-50RB#0	20.81	23.21	33.00	PASS
41-41	15MHz-10MHz	256QAM-256QAM	40571-40691	1RB#0-0RB#0	20.27	22.67	33.00	PASS
41-41	15MHz-10MHz	256QAM-256QAM	40571-40691	75RB#0-50RB#0	21.04	23.44	33.00	PASS
41-41	15MHz-10MHz	256QAM-256QAM	41417-41537	1RB#0-0RB#0	19.84	22.24	33.00	PASS
41-41	15MHz-10MHz	256QAM-256QAM	41417-41537	75RB#0-50RB#0	20.67	23.07	33.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	1RB#0-0RB#0	24.82	27.22	33.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	23.8	26.2	33.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	1RB#0-0RB#0	25.23	27.63	33.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	24.03	26.43	33.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	1RB#0-0RB#0	24.9	27.3	33.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	23.65	26.05	33.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	1RB#0-0RB#0	23.86	26.26	33.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	22.76	25.16	33.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	1RB#0-0RB#0	24.21	26.61	33.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	23.04	25.44	33.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	1RB#0-0RB#0	23.92	26.32	33.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	22.68	25.08	33.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	1RB#0-0RB#0	22.92	25.32	33.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	22.8	25.2	33.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	1RB#0-0RB#0	23.26	25.66	33.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	23	25.4	33.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	1RB#0-0RB#0	22.9	25.3	33.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	22.67	25.07	33.00	PASS
41-41	15MHz-15MHz	256QAM-256QAM	39725-39875	1RB#0-0RB#0	19.95	22.35	33.00	PASS
41-41	15MHz-15MHz	256QAM-256QAM	39725-39875	75RB#0-75RB#0	20.81	23.21	33.00	PASS
41-41	15MHz-15MHz	256QAM-256QAM	40545-40695	1RB#0-0RB#0	20.32	22.72	33.00	PASS
41-41	15MHz-15MHz	256QAM-256QAM	40545-40695	75RB#0-75RB#0	21.04	23.44	33.00	PASS
41-41	15MHz-15MHz	256QAM-256QAM	41365-41515	1RB#0-0RB#0	19.9	22.3	33.00	PASS



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41-41	15MHz-15MHz	256QAM-256QAM	41365-41515	75RB#0-75RB#0	20.7	23.1	33.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	1RB#0-0RB#0	22.29	24.69	33.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	23.8	26.2	33.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	1RB#0-0RB#0	25.22	27.62	33.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	24.11	26.51	33.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	1RB#0-0RB#0	24.88	27.28	33.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	23.78	26.18	33.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	1RB#0-0RB#0	23.91	26.31	33.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	22.82	25.22	33.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	1RB#0-0RB#0	24.15	26.55	33.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	23.04	25.44	33.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	1RB#0-0RB#0	23.92	26.32	33.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	22.71	25.11	33.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	1RB#0-0RB#0	22.9	25.3	33.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	22.84	25.24	33.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	1RB#0-0RB#0	23.3	25.7	33.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	23.02	25.42	33.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	1RB#0-0RB#0	22.98	25.38	33.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	22.71	25.11	33.00	PASS
41-41	15MHz-20MHz	256QAM-256QAM	39728-39899	1RB#0-0RB#0	20.03	22.43	33.00	PASS
41-41	15MHz-20MHz	256QAM-256QAM	39728-39899	75RB#0-100RB#0	20.81	23.21	33.00	PASS
41-41	15MHz-20MHz	256QAM-256QAM	40523-40694	1RB#0-0RB#0	20.18	22.58	33.00	PASS
41-41	15MHz-20MHz	256QAM-256QAM	40523-40694	75RB#0-100RB#0	21.05	23.45	33.00	PASS
41-41	15MHz-20MHz	256QAM-256QAM	41319-41490	1RB#0-0RB#0	19.9	22.3	33.00	PASS
41-41	15MHz-20MHz	256QAM-256QAM	41319-41490	75RB#0-100RB#0	20.7	23.1	33.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	100RB#0-100RB#0	22.98	25.38	33.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	1RB#0-0RB#0	24.91	27.31	33.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	100RB#0-100RB#0	23.29	25.69	33.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	1RB#0-0RB#0	25.32	27.72	33.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	100RB#0-100RB#0	22.9	25.3	33.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	1RB#0-0RB#0	24.97	27.37	33.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	100RB#0-100RB#0	22.01	24.41	33.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	1RB#0-0RB#0	23.87	26.27	33.00	PASS



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Table with 9 columns: Test ID, Frequency, Modulation, Standard, Test Result 1, Test Result 2, Test Result 3, Test Result 4, Status. Contains 40 rows of test data.



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41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	24.05	26.45	33.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	1RB#0-0RB#0	25.26	27.66	33.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	23.64	26.04	33.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	1RB#0-0RB#0	24.96	27.36	33.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	22.83	25.23	33.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	1RB#0-0RB#0	23.95	26.35	33.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	23.06	25.46	33.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	1RB#0-0RB#0	24.35	26.75	33.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	22.67	25.07	33.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	1RB#0-0RB#0	23.96	26.36	33.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	22.83	25.23	33.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	1RB#0-0RB#0	23.06	25.46	33.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	23.05	25.45	33.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	1RB#0-0RB#0	23.41	25.81	33.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	22.68	25.08	33.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	1RB#0-0RB#0	23.08	25.48	33.00	PASS
41-41	20MHz-5MHz	256QAM-256QAM	39750-39867	100RB#0-25RB#0	20.84	23.24	33.00	PASS
41-41	20MHz-5MHz	256QAM-256QAM	39750-39867	1RB#0-0RB#0	20.02	22.42	33.00	PASS
41-41	20MHz-5MHz	256QAM-256QAM	40595-40712	100RB#0-25RB#0	21.06	23.46	33.00	PASS
41-41	20MHz-5MHz	256QAM-256QAM	40595-40712	1RB#0-0RB#0	20.24	22.64	33.00	PASS
41-41	20MHz-5MHz	256QAM-256QAM	41440-41557	100RB#0-25RB#0	20.65	23.05	33.00	PASS
41-41	20MHz-5MHz	256QAM-256QAM	41440-41557	1RB#0-0RB#0	19.78	22.18	33.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	1RB#0-0RB#0	24.87	27.27	33.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	23.73	26.13	33.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	1RB#0-0RB#0	25.29	27.69	33.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	24.02	26.42	33.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	1RB#0-0RB#0	24.94	27.34	33.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	23.62	26.02	33.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	1RB#0-0RB#0	23.85	26.25	33.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	22.71	25.11	33.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	1RB#0-0RB#0	24.22	26.62	33.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	23.03	25.43	33.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	1RB#0-0RB#0	23.92	26.32	33.00	PASS



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Rev.: 01

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41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	22.63	25.03	33.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	1RB#0-0RB#0	22.98	25.38	33.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	22.73	25.13	33.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	1RB#0-0RB#0	23.33	25.73	33.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	23.05	25.45	33.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	1RB#0-0RB#0	22.94	25.34	33.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	22.64	25.04	33.00	PASS
41-41	5MHz-20MHz	256QAM-256QAM	39683-39800	1RB#0-0RB#0	19.91	22.31	33.00	PASS
41-41	5MHz-20MHz	256QAM-256QAM	39683-39800	25RB#0-100RB#0	20.74	23.14	33.00	PASS
41-41	5MHz-20MHz	256QAM-256QAM	40528-40645	1RB#0-0RB#0	20.26	22.66	33.00	PASS
41-41	5MHz-20MHz	256QAM-256QAM	40528-40645	25RB#0-100RB#0	21.03	23.43	33.00	PASS
41-41	5MHz-20MHz	256QAM-256QAM	41373-41490	1RB#0-0RB#0	19.85	22.25	33.00	PASS
41-41	5MHz-20MHz	256QAM-256QAM	41373-41490	25RB#0-100RB#0	20.66	23.06	33.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	8.40	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	9.86	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	9.52	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	10.28	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	10.22	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	10.30	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	10.50	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	10.58	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	10.30	13	PASS
41-41	20MHz-20MHz	256QAM-256QAM	39750-39948	100RB#0-100RB#0	10.60	13	PASS
41-41	20MHz-20MHz	256QAM-256QAM	40521-40719	100RB#0-100RB#0	10.44	13	PASS
41-41	20MHz-20MHz	256QAM-256QAM	41292-41490	100RB#0-100RB#0	10.42	13	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	100RB#0-50RB#0	8.38	13	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	100RB#0-50RB#0	8.34	13	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	100RB#0-50RB#0	8.20	13	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	100RB#0-50RB#0	8.78	13	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	100RB#0-50RB#0	9.04	13	PASS
41-41	20MHz-10MHz	16QAM-16QAM	41391-41535	100RB#0-50RB#0	8.92	13	PASS
41-41	20MHz-10MHz	64QAM-64QAM	39750-39894	100RB#0-50RB#0	8.92	13	PASS
41-41	20MHz-10MHz	64QAM-64QAM	40571-40715	100RB#0-50RB#0	8.98	13	PASS
41-41	20MHz-10MHz	64QAM-64QAM	41391-41535	100RB#0-50RB#0	8.88	13	PASS
41-41	20MHz-10MHz	256QAM-256QAM	39750-39894	100RB#0-50RB#0	9.12	13	PASS
41-41	20MHz-10MHz	256QAM-256QAM	40571-40715	100RB#0-50RB#0	9.30	13	PASS
41-41	20MHz-10MHz	256QAM-256QAM	41391-41535	100RB#0-50RB#0	9.32	13	PASS



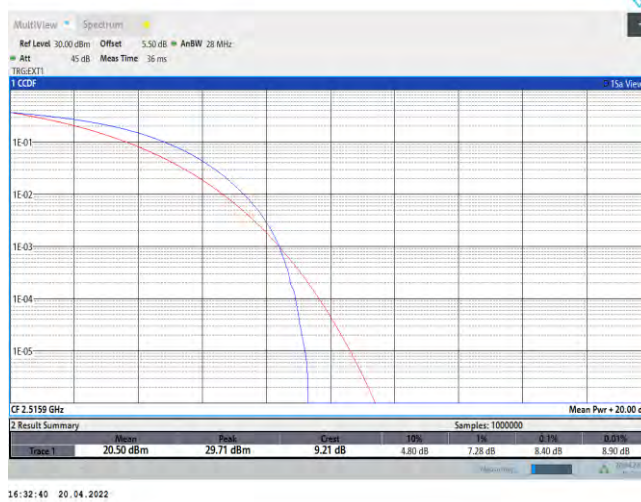
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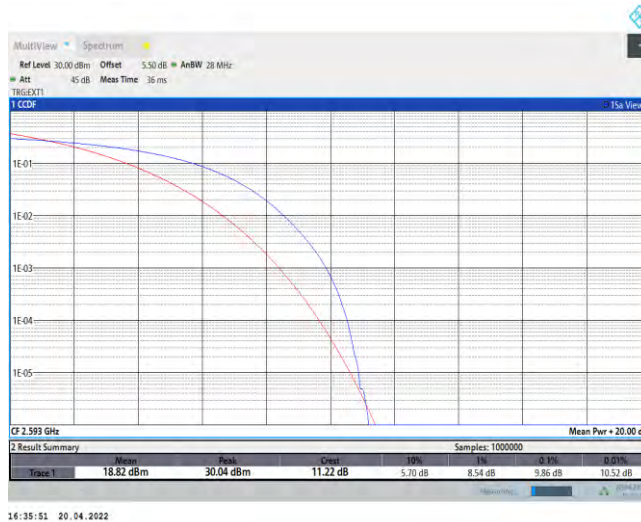
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Test Graphs

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



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

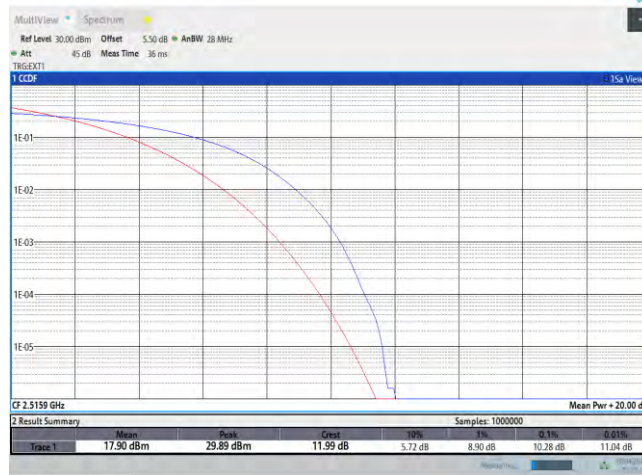


41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0



16:38:38 20.04.2022

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



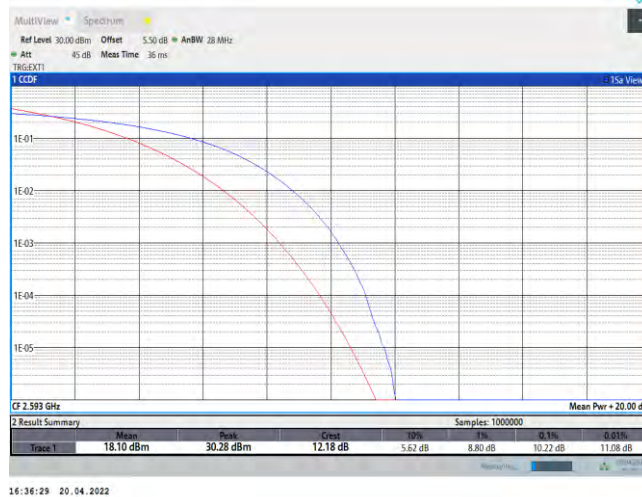
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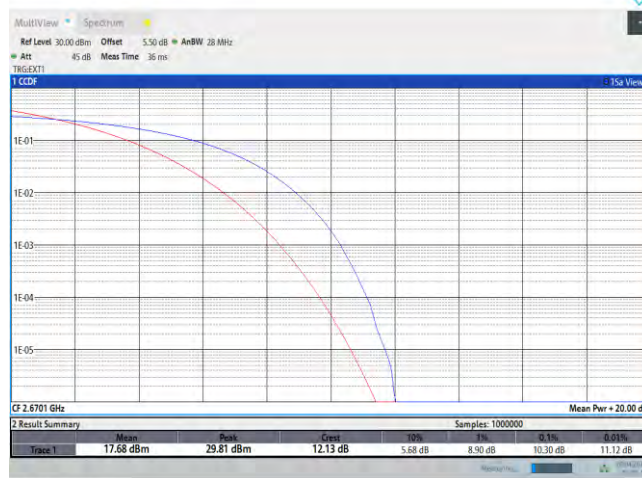
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41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0



16:36:29 20.04.2022

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



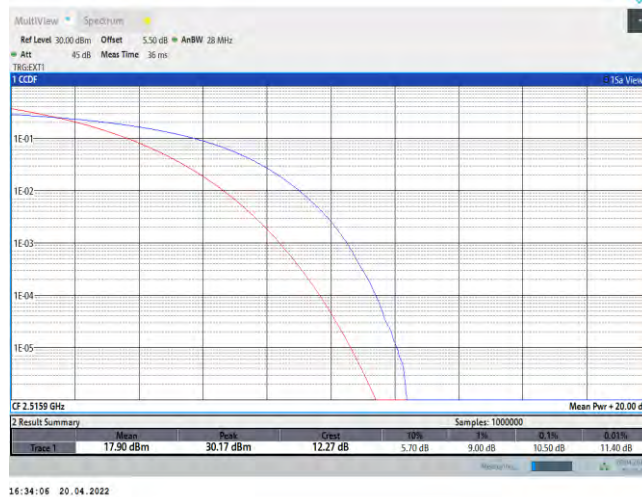
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41-41-20MHz-20MHz-64QAM-64QAM-39750-39948-100RB#0-100RB#0



16:34:06 20.04.2022

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



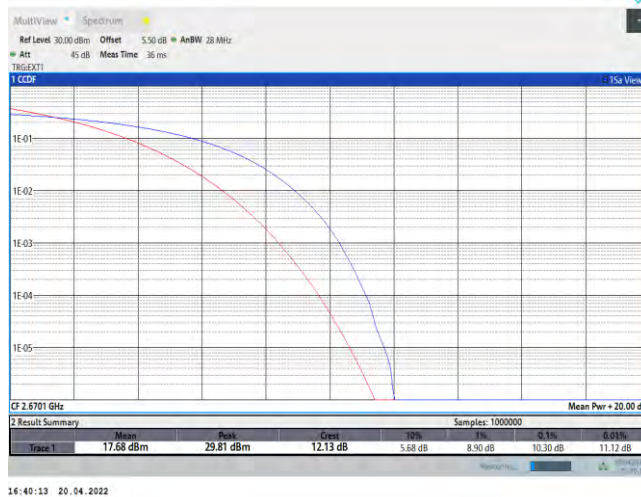
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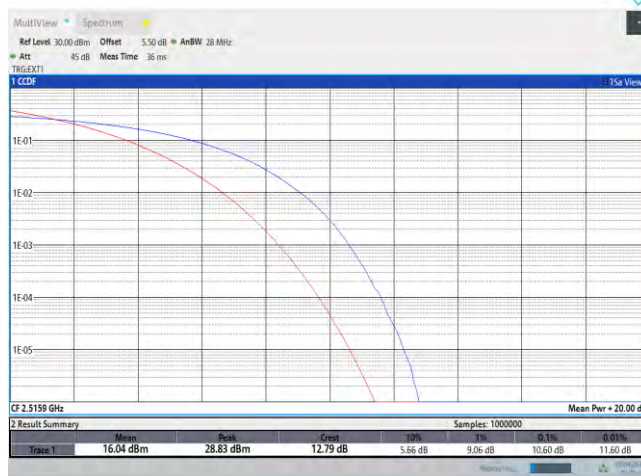
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41-41-20MHz-20MHz-64QAM-64QAM-41292-41490-100RB#0-100RB#0



16:40:13 20.04.2022

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



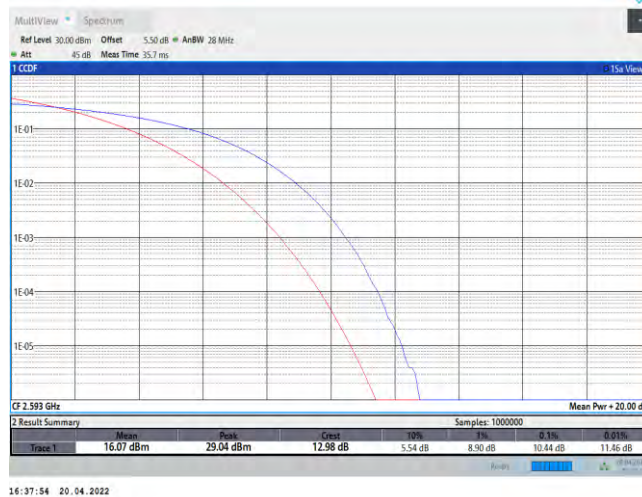
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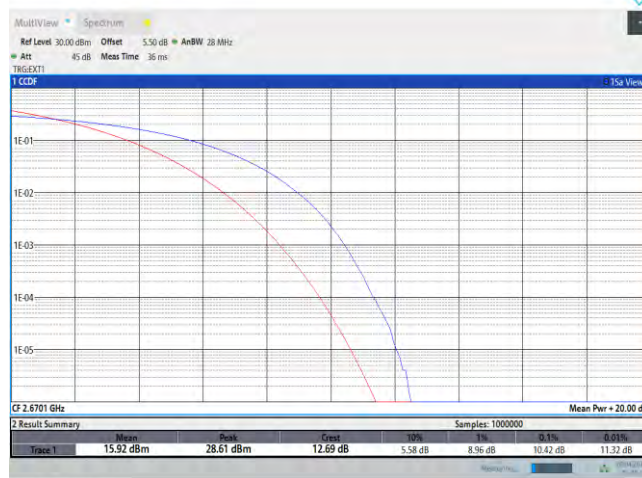
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41-41-20MHz-20MHz-256QAM-256QAM-40521-40719-100RB#0-100RB#0



16:37:54 20.04.2022

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



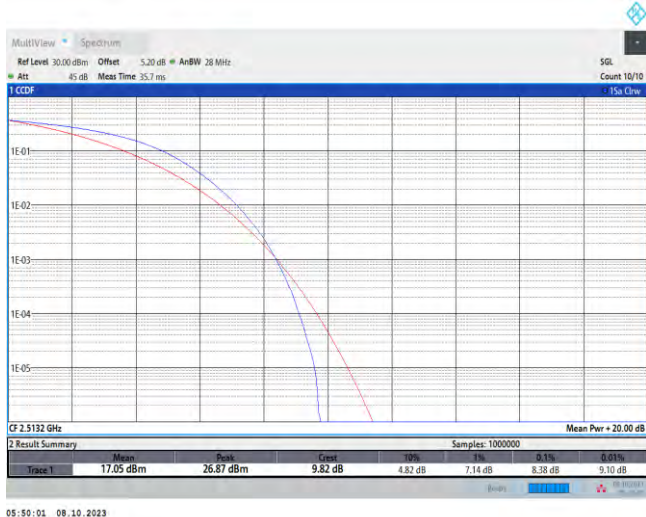
16:40:53 20.04.2022



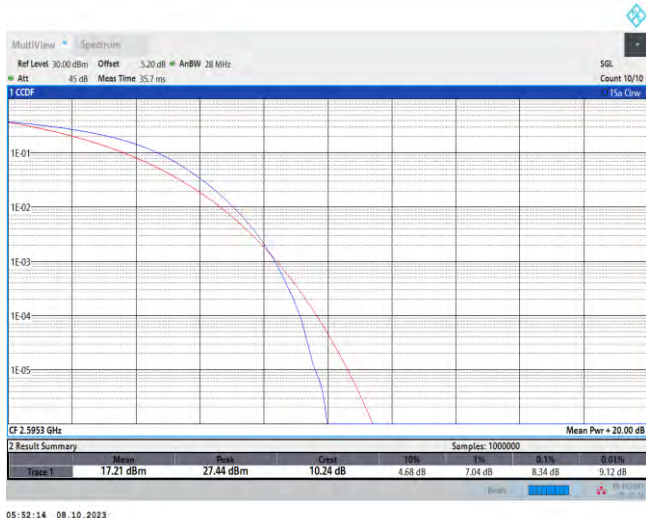
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41-41-20MHz-10MHz-QPSK-QPSK-39750-39894-100RB#0-50RB#0



41-41-20MHz-10MHz-QPSK-QPSK-40571-40715-100RB#0-50RB#0

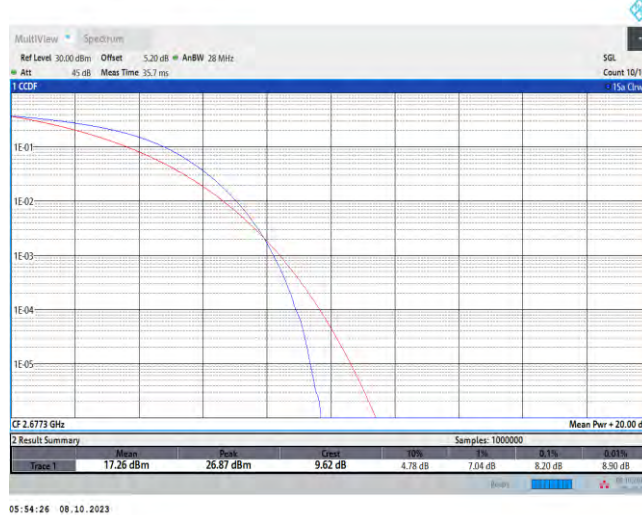


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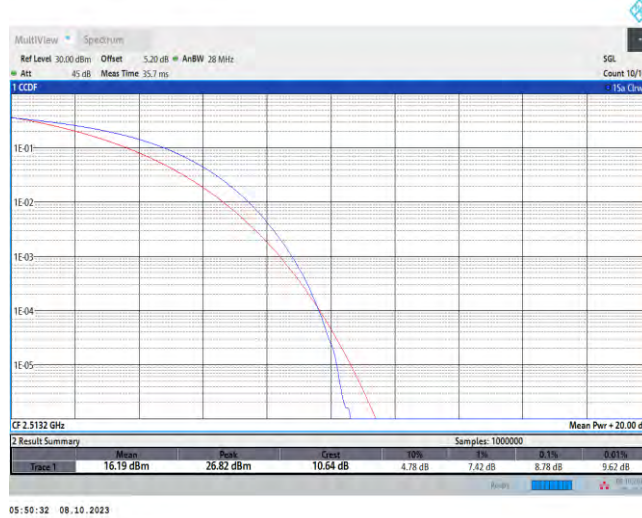
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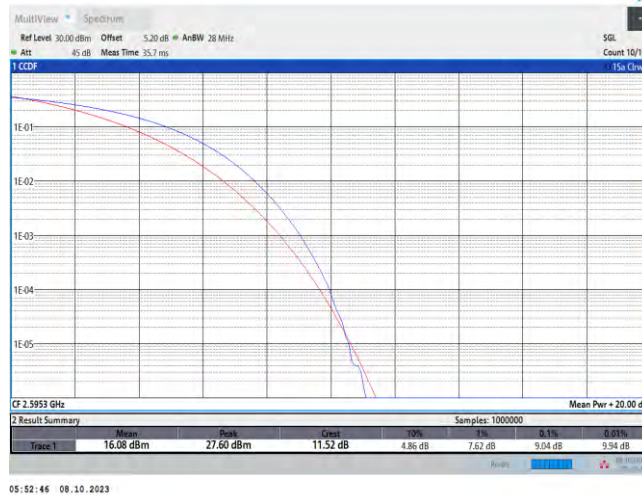
41-41-20MHz-10MHz-QPSK-QPSK-41391-41535-100RB#0-50RB#0



41-41-20MHz-10MHz-16QAM-16QAM-39750-39894-100RB#0-50RB#0



41-41-20MHz-10MHz-16QAM-16QAM-40571-40715-100RB#0-50RB#0



41-41-20MHz-10MHz-16QAM-16QAM-41391-41535-100RB#0-50RB#0

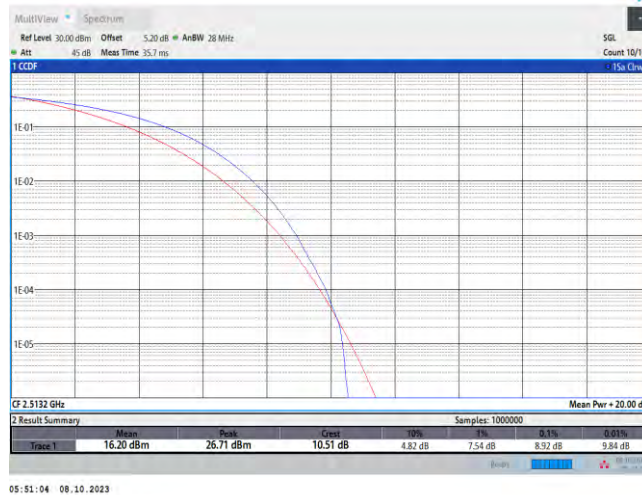


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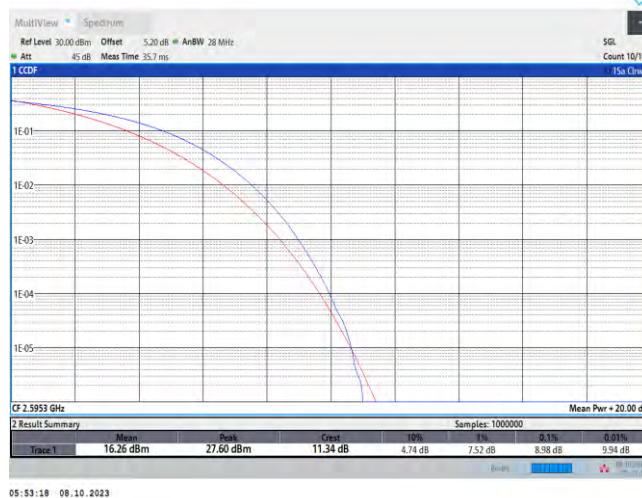
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41-41-20MHz-10MHz-64QAM-64QAM-39750-39894-100RB#0-50RB#0



41-41-20MHz-10MHz-64QAM-64QAM-40571-40715-100RB#0-50RB#0



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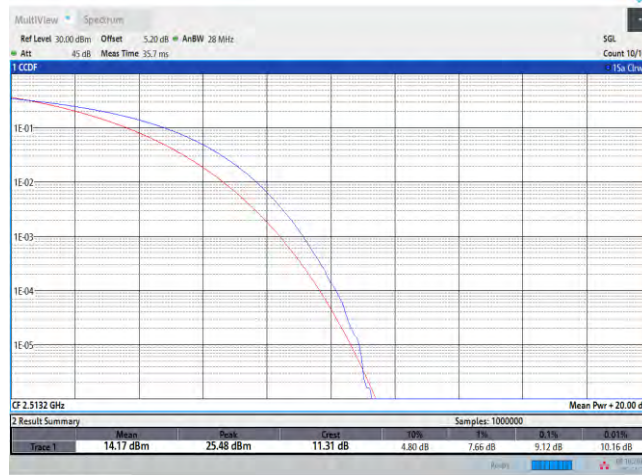
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41-41-20MHz-10MHz-64QAM-64QAM-41391-41535-100RB#0-50RB#0



05:55:29 08.10.2023

41-41-20MHz-10MHz-256QAM-256QAM-39750-39894-100RB#0-50RB#0



05:51:35 08.10.2023



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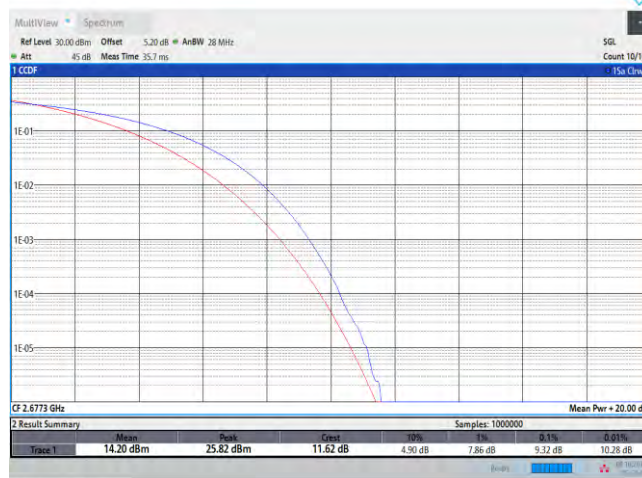
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41-41-20MHz-10MHz-256QAM-256QAM-40571-40715-100RB#0-50RB#0



05:53:49 08.10.2023

41-41-20MHz-10MHz-256QAM-256QAM-41391-41535-100RB#0-50RB#0



05:56:01 08.10.2023



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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	23.016	25.05	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	22.993	26.25	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	23.088	25.75	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	22.996	24.95	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	22.947	26.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	23.072	25.75	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	22.965	26.15	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	22.965	25.20	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	23.071	25.80	PASS
41-41	10MHz-15MHz	256QAM-256QAM	39703-39823	50RB#0-75RB#0	22.992	24.70	PASS
41-41	10MHz-15MHz	256QAM-256QAM	40549-40669	50RB#0-75RB#0	22.978	25.35	PASS
41-41	10MHz-15MHz	256QAM-256QAM	41395-41515	50RB#0-75RB#0	23.022	25.40	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	27.504	30.72	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	27.569	29.70	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	27.660	30.54	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	27.549	30.66	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	27.505	31.50	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	27.618	29.94	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	27.524	31.14	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	27.543	30.24	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	27.656	30.36	PASS
41-41	10MHz-20MHz	256QAM-256QAM	39705-39849	50RB#0-100RB#0	27.511	30.00	PASS
41-41	10MHz-20MHz	256QAM-256QAM	40526-40670	50RB#0-100RB#0	27.574	30.42	PASS
41-41	10MHz-20MHz	256QAM-256QAM	41346-41490	50RB#0-100RB#0	27.627	30.24	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	23.086	26.05	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	23.059	26.05	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	23.091	26.90	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	23.036	26.10	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	23.022	25.65	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	23.126	25.70	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	23.068	25.80	PASS





41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	23.030	26.75	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	23.144	26.95	PASS
41-41	15MHz-10MHz	256QAM-256QAM	39725-39845	75RB#0-50RB#0	23.056	24.95	PASS
41-41	15MHz-10MHz	256QAM-256QAM	40571-40691	75RB#0-50RB#0	23.023	26.40	PASS
41-41	15MHz-10MHz	256QAM-256QAM	41417-41537	75RB#0-50RB#0	23.068	25.80	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	28.166	31.08	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	28.181	30.54	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	28.259	31.68	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	28.155	30.84	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	28.206	31.86	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	28.191	30.90	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	28.171	31.26	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	28.164	31.20	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	28.272	31.32	PASS
41-41	15MHz-15MHz	256QAM-256QAM	39725-39875	75RB#0-75RB#0	28.160	31.14	PASS
41-41	15MHz-15MHz	256QAM-256QAM	40545-40695	75RB#0-75RB#0	28.145	32.34	PASS
41-41	15MHz-15MHz	256QAM-256QAM	41365-41515	75RB#0-75RB#0	28.188	30.90	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	32.371	36.68	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	32.424	34.86	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	32.547	35.56	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	32.394	34.65	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	32.404	36.96	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	32.451	35.14	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	32.392	36.40	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	32.338	35.91	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	32.520	35.98	PASS
41-41	15MHz-20MHz	256QAM-256QAM	39728-39899	75RB#0-100RB#0	32.411	35.49	PASS
41-41	15MHz-20MHz	256QAM-256QAM	40523-40694	75RB#0-100RB#0	32.367	34.79	PASS
41-41	15MHz-20MHz	256QAM-256QAM	41319-41490	75RB#0-100RB#0	32.522	35.70	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	32.439	34.93	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	32.470	35.28	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	32.528	34.86	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	32.428	35.70	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	32.468	35.91	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	32.544	35.07	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	32.438	35.14	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	32.465	36.26	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	32.577	34.86	PASS



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Table with 8 columns: Test ID, Frequency, Modulation, Channel, Bandwidth, SNR, BER, and Result. Contains 48 rows of test data.



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Report No.: SEWA2309000114RG01

Rev.: 01

Page: 26 of 123

41-41	5MHz-20MHz	256QAM-256QAM	41373-41490	25RB#0-100RB#0	22.778	25.25	PASS
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Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	100RB#0-50RB#0	27.783	29.58	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	100RB#0-50RB#0	27.734	29.70	PASS
41-41	20MHz-10MHz	64QAM-64QAM	40571-40715	100RB#0-50RB#0	27.746	29.76	PASS
41-41	20MHz-10MHz	256QAM-256QAM	40571-40715	100RB#0-50RB#0	27.743	29.64	PASS



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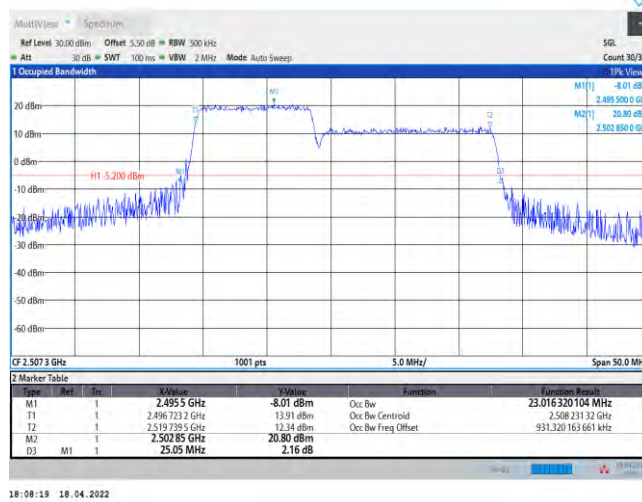
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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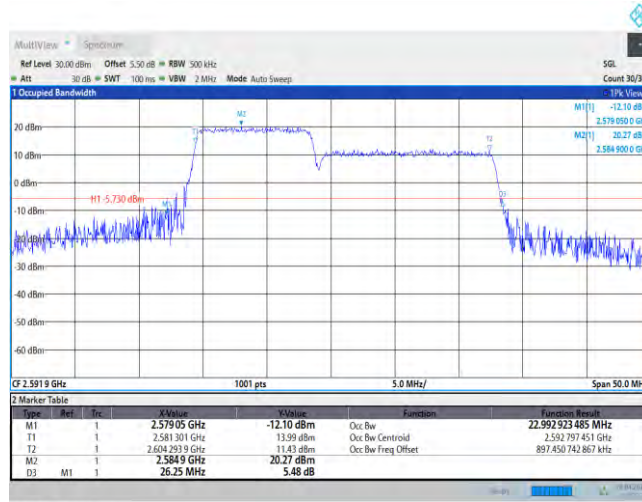
Test Graphs

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



18:08:18 18. 04. 2022

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



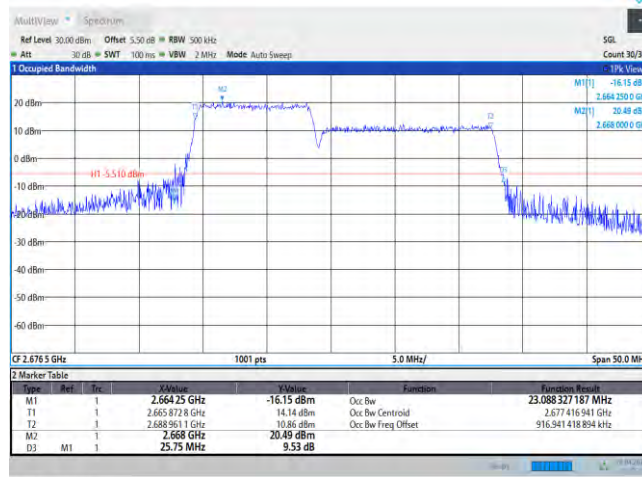
13:55:20 20. 04. 2022



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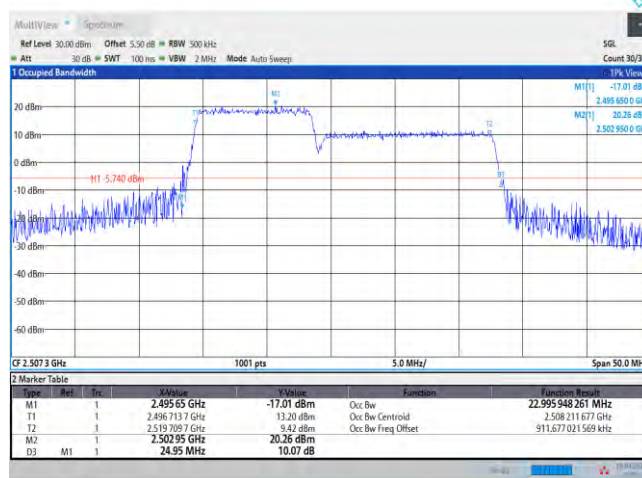
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41-41-10MHz-15MHz-QPSK-QPSK-41395-41515-50RB#0-75RB#0



13:55:57 20.04.2022

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



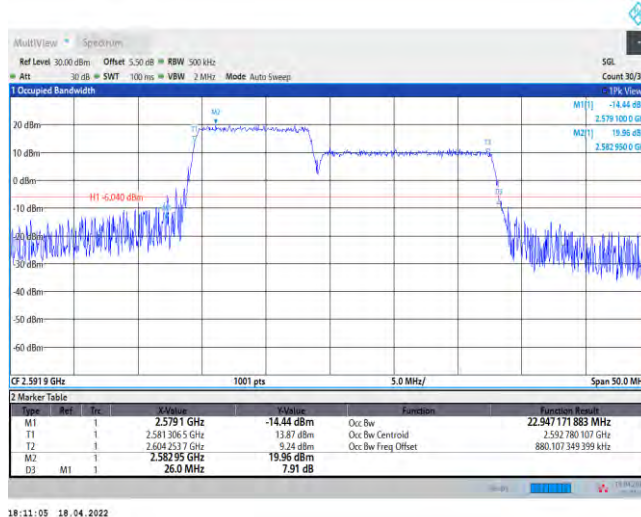
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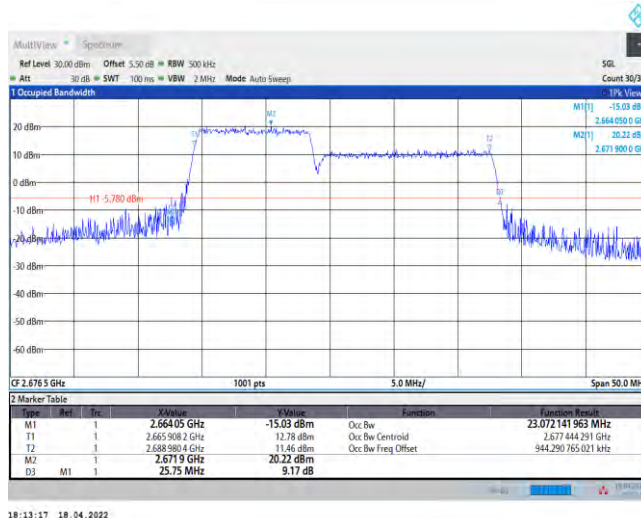
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41-41-10MHz-15MHz-16QAM-16QAM-40549-40669-50RB#0-75RB#0



18:11:05 18.04.2022

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

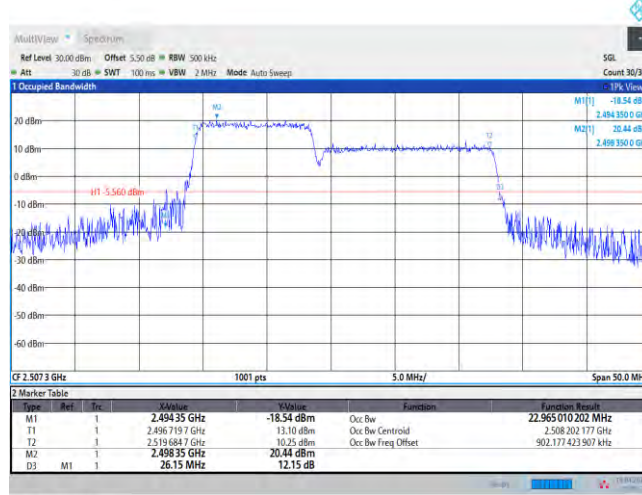


18:13:17 18.04.2022



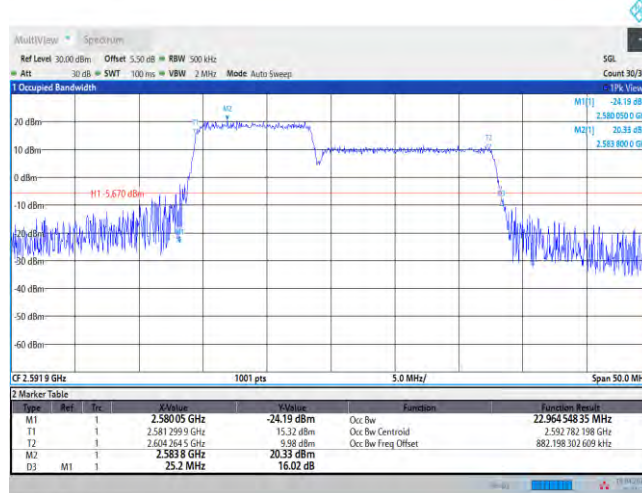
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41-41-10MHz-15MHz-64QAM-64QAM-39703-39823-50RB#0-75RB#0



18:09:22 18.04.2022

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



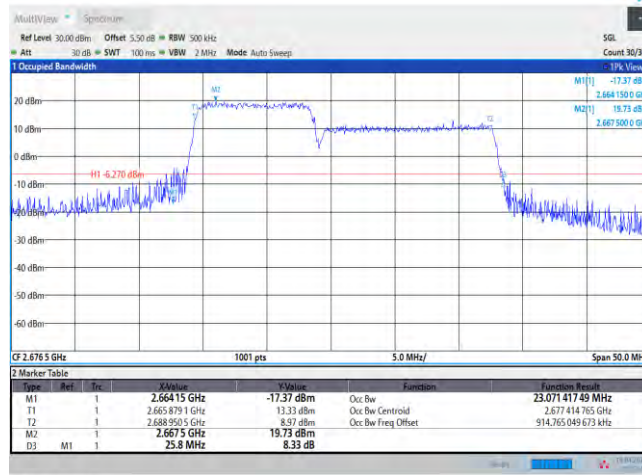
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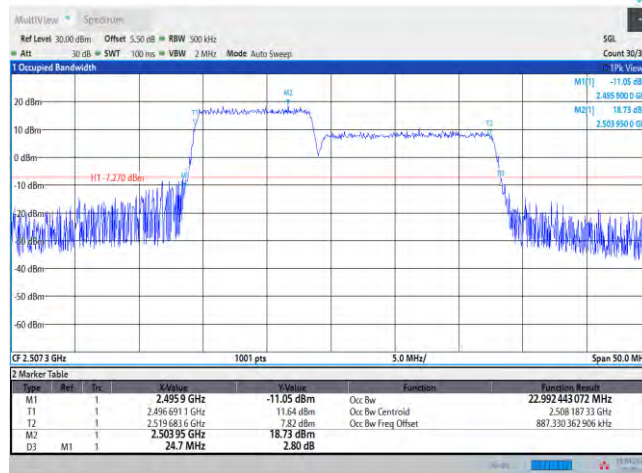
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41-41-10MHz-15MHz-64QAM-64QAM-41395-41515-50RB#0-75RB#0



18:13:49 18.04.2022

41-41-10MHz-15MHz-256QAM-256QAM-39703-39823-50RB#0-75RB#0



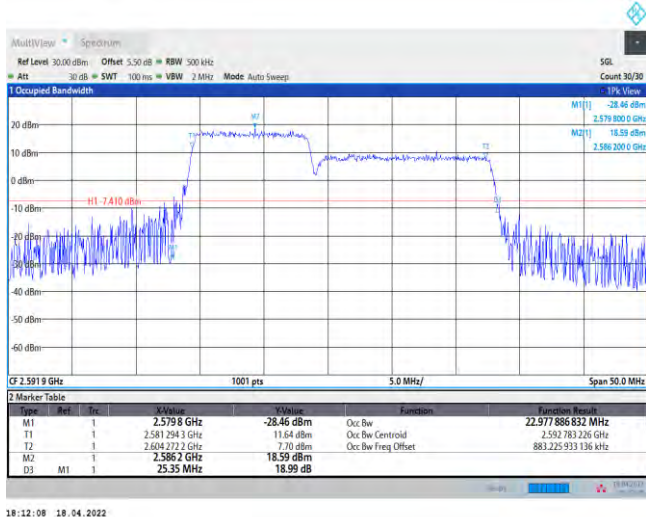
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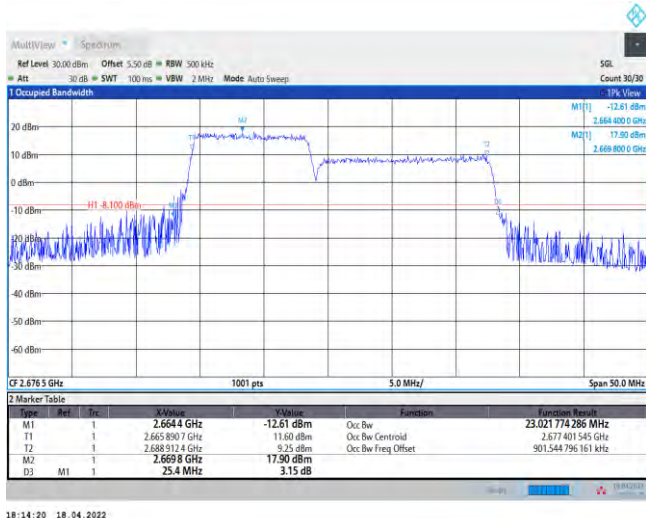
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41-41-10MHz-15MHz-256QAM-256QAM-41395-41515-50RB#0-75RB#0

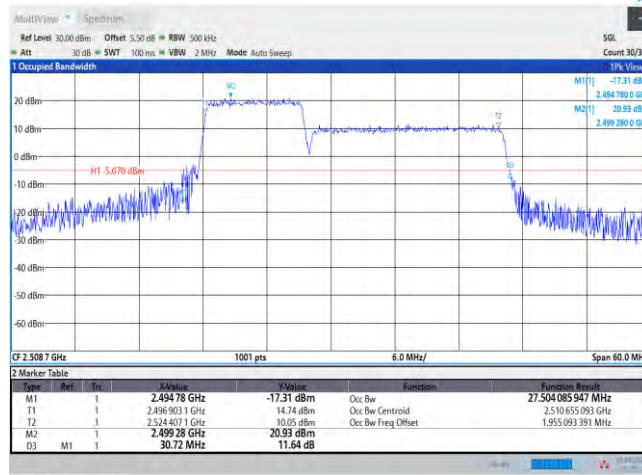


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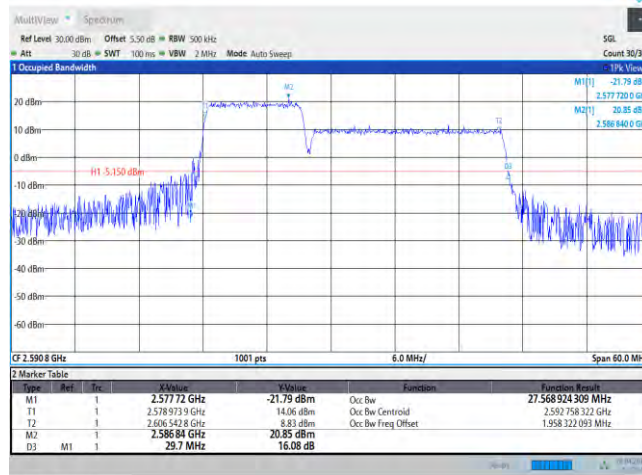
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41-41-10MHz-20MHz-QPSK-QPSK-39705-39849-50RB#0-100RB#0



18:31:15 18.04.2022

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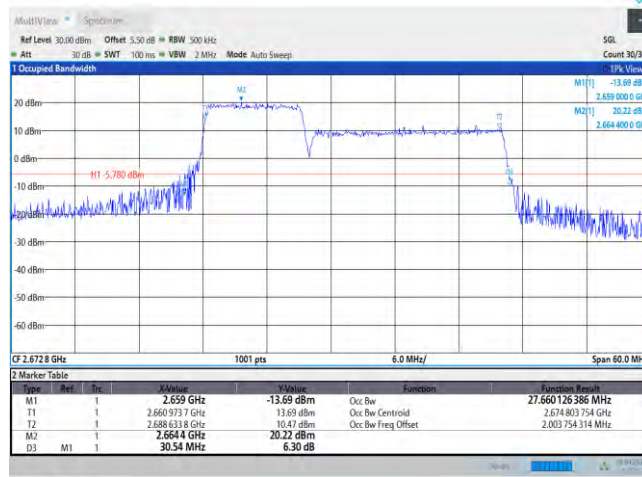
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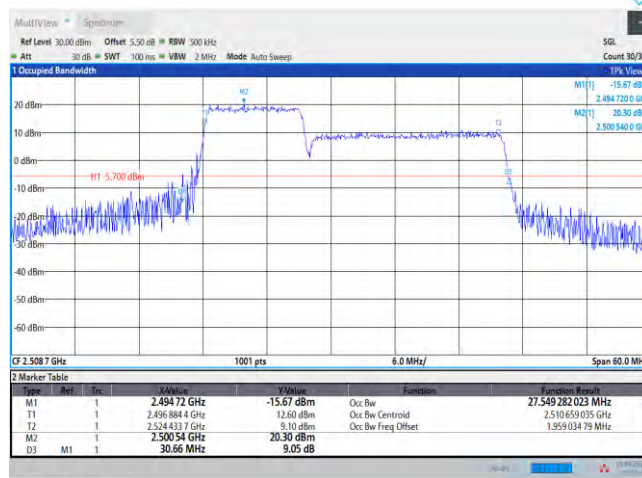
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13:57:20 20.04.2022

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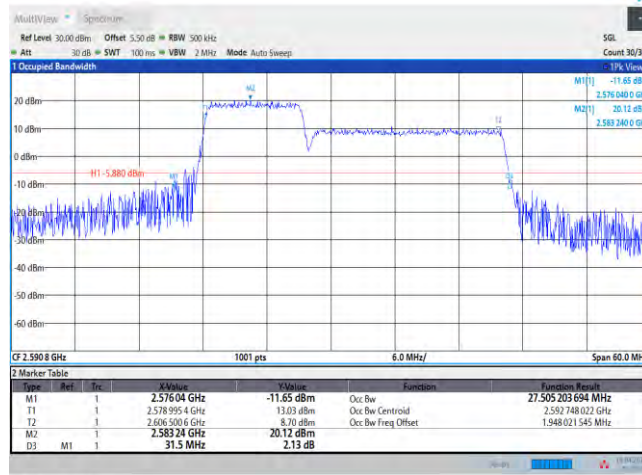


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18:34:01 18.04.2022

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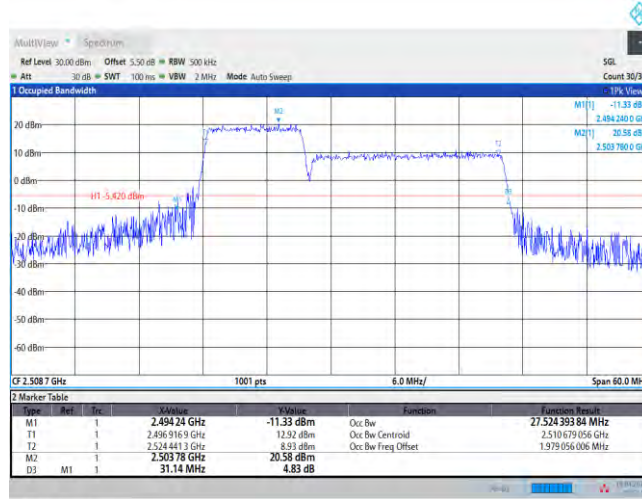
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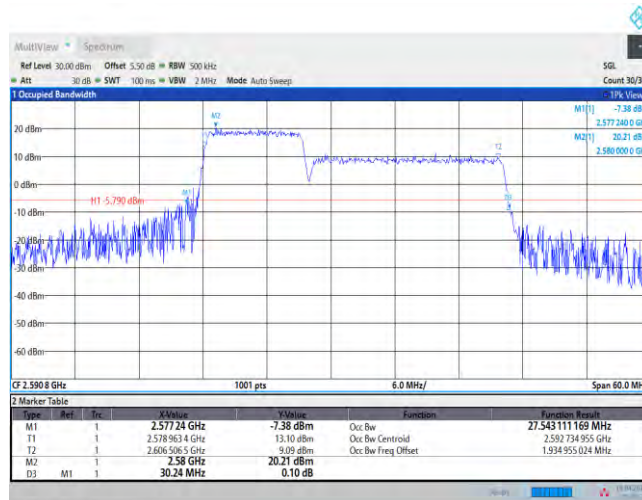
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18:34:33 18.04.2022



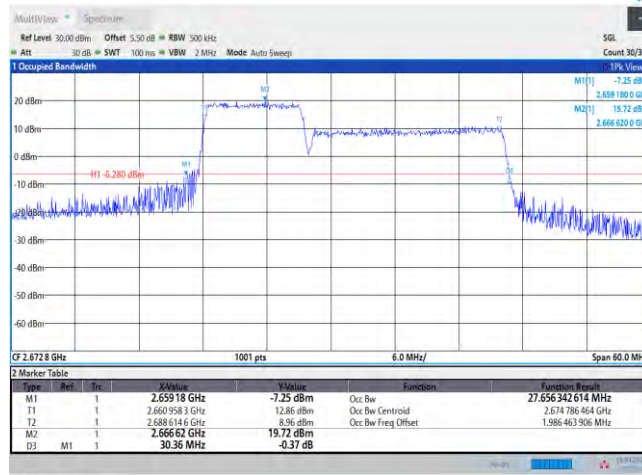
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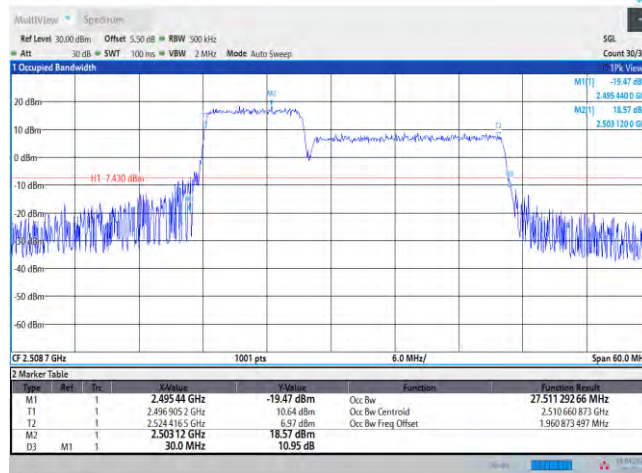
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41-41-10MHz-20MHz-64QAM-64QAM-41346-41490-50RB#0-100RB#0



18:36:47 18.04.2022

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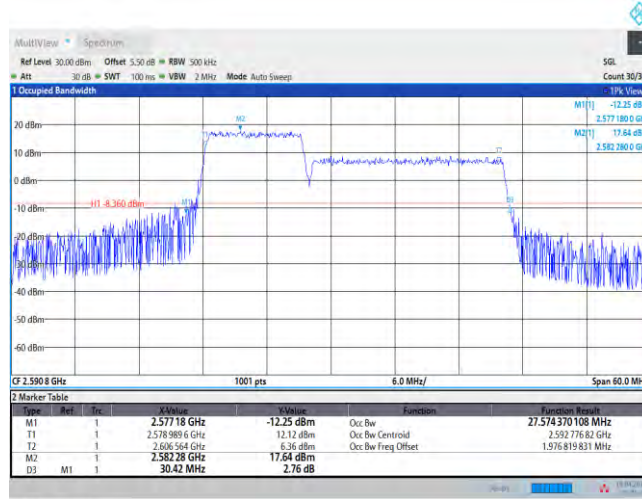
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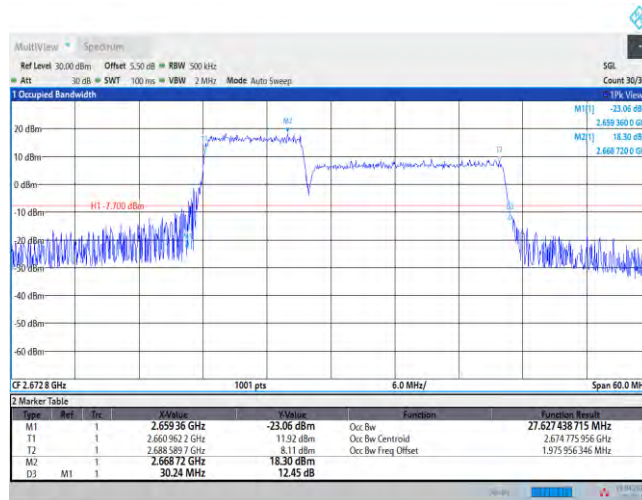
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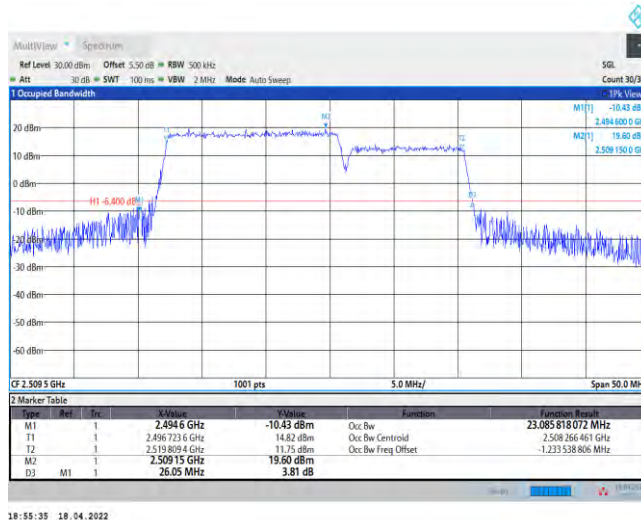
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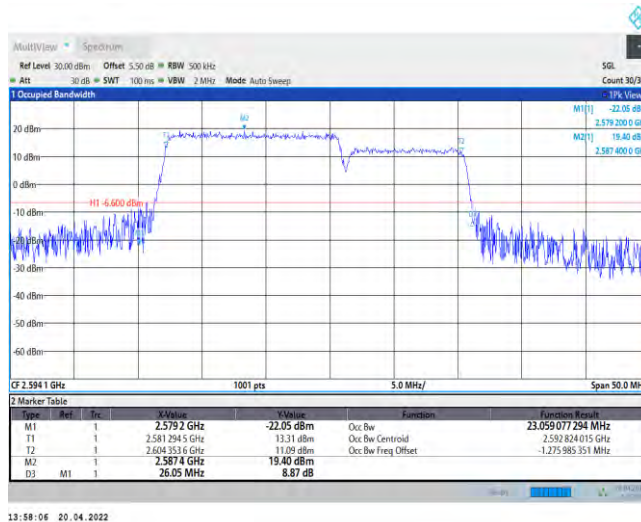
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41-41-15MHz-10MHz-QPSK-QPSK-39725-39845-75RB#0-50RB#0



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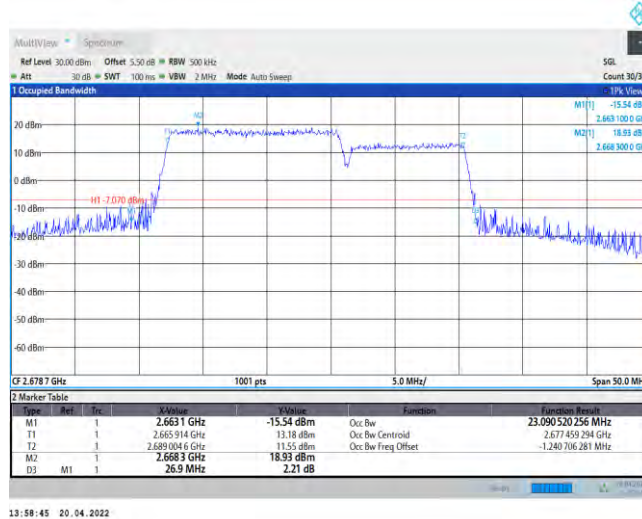


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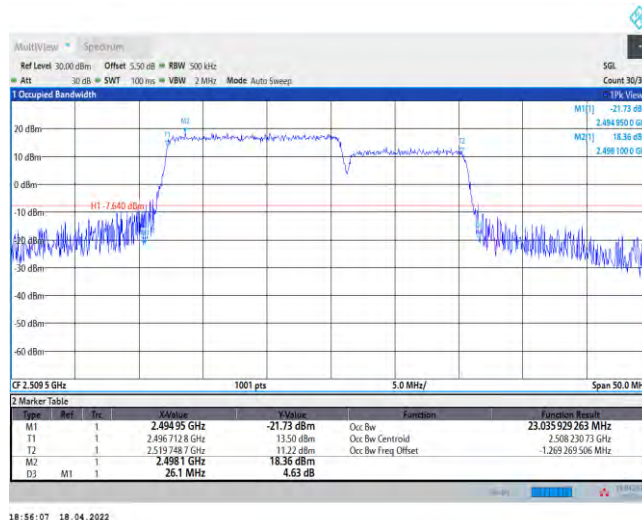
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13:58:45 20.04.2022

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18:56:07 18.04.2022



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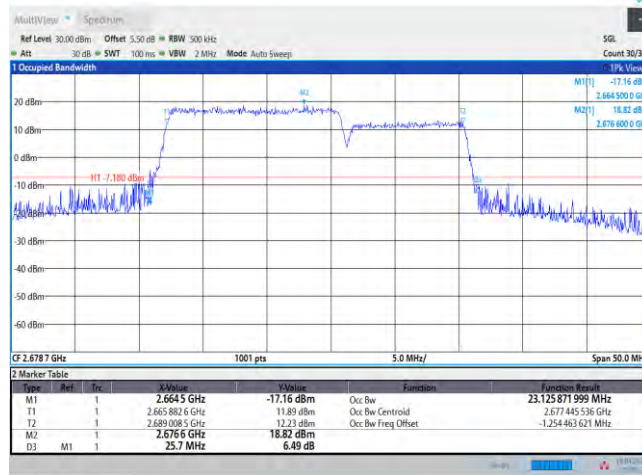
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41-41-15MHz-10MHz-16QAM-16QAM-40571-40691-75RB#0-50RB#0



18:58:21 18.04.2022

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19:00:33 18.04.2022



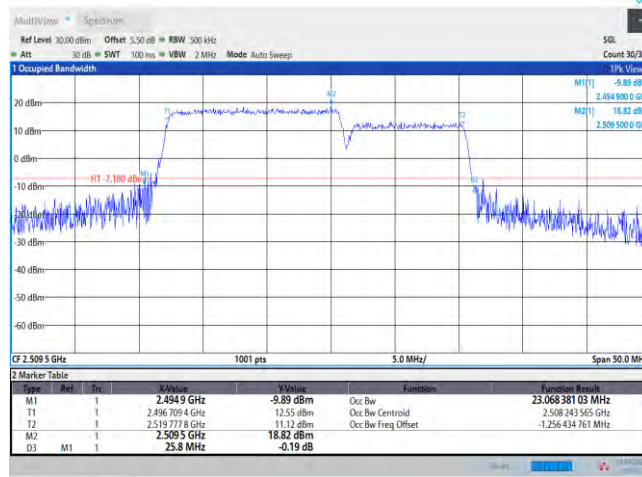
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18:56:39 18.04.2022

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18:58:53 18.04.2022



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



19:01:05 18.04.2022

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18:57:11 18.04.2022



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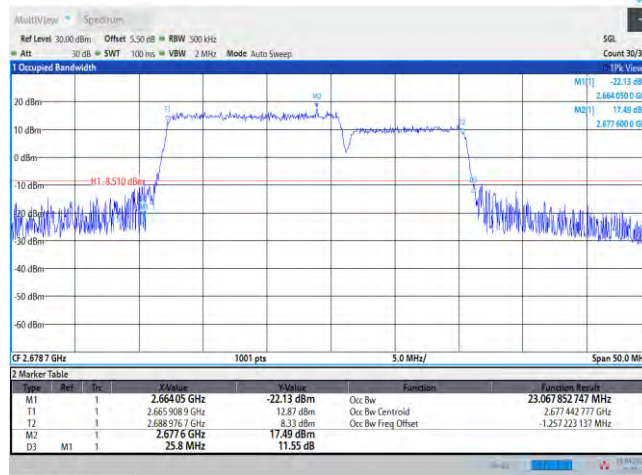
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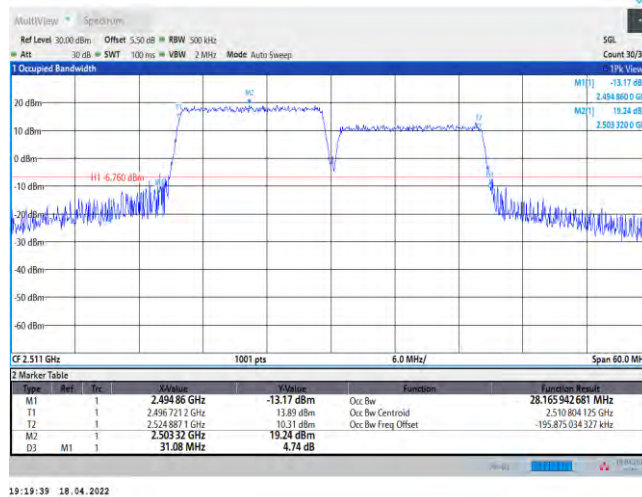
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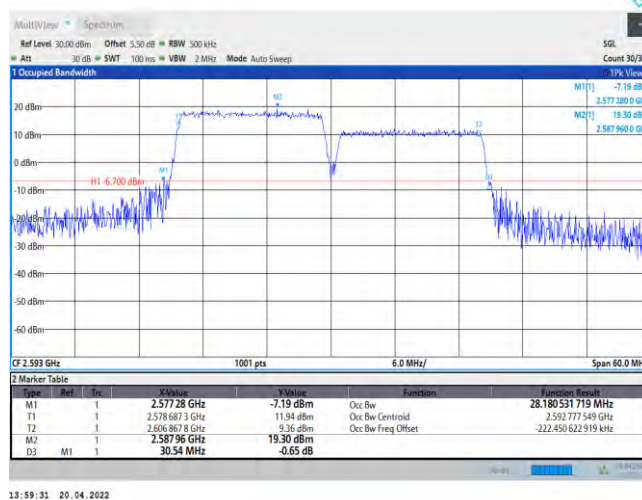
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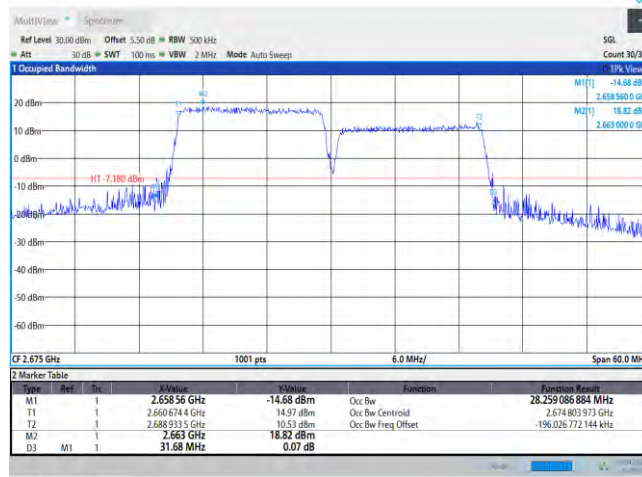


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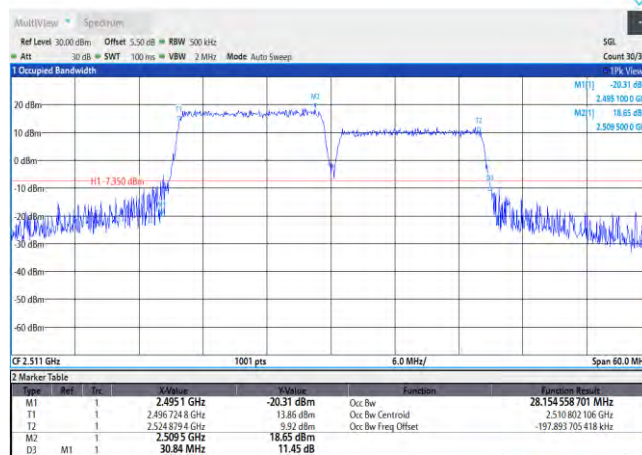
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41-41-15MHz-15MHz-QPSK-QPSK-41365-41515-75RB#0-75RB#0



14:00:10 20.04.2022

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19:20:11 18.04.2022



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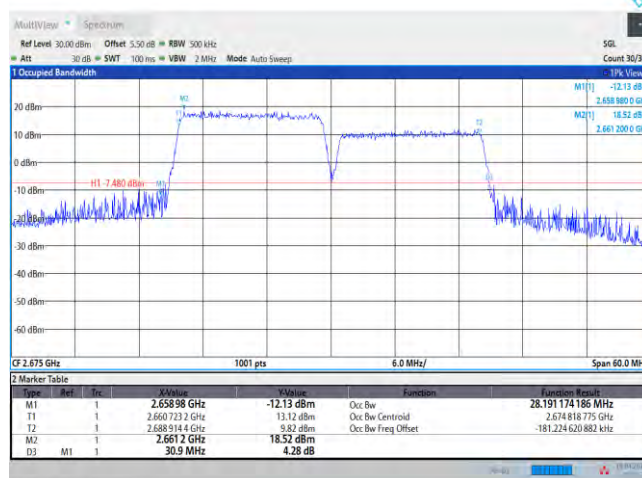
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19:22:26 18. 04. 2022

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19:24:39 18. 04. 2022



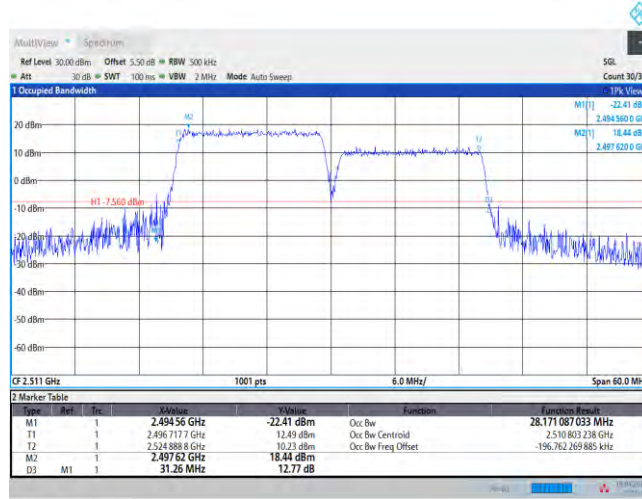
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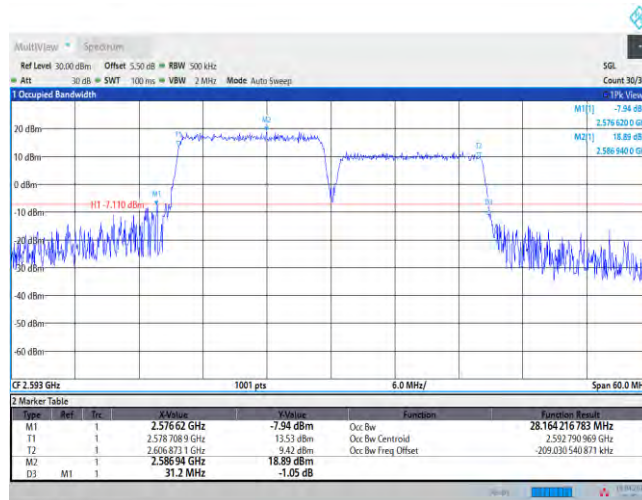
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41-41-15MHz-15MHz-64QAM-64QAM-39725-39875-75RB#0-75RB#0



19:20:43 18.04.2022

41-41-15MHz-15MHz-64QAM-64QAM-40545-40695-75RB#0-75RB#0



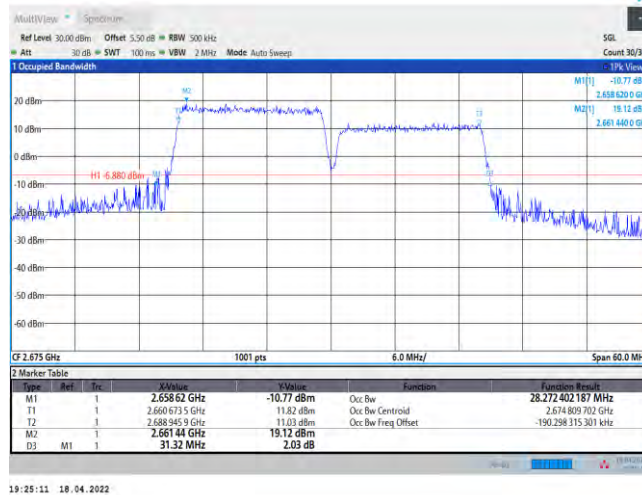
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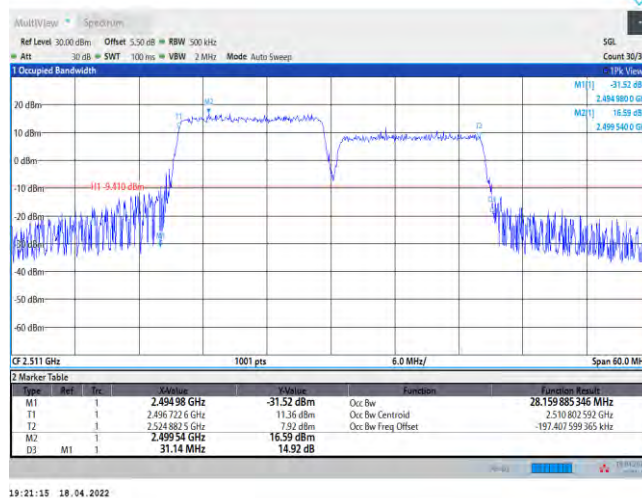
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41-41-15MHz-15MHz-64QAM-64QAM-41365-41515-75RB#0-75RB#0



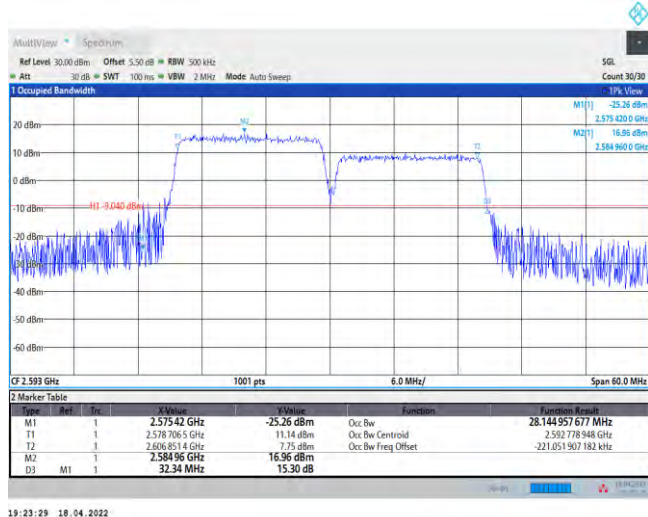
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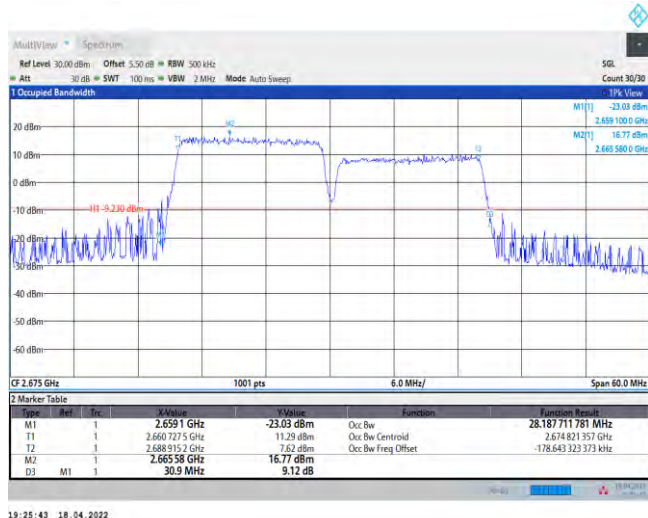
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41-41-15MHz-15MHz-256QAM-256QAM-40545-40695-75RB#0-75RB#0



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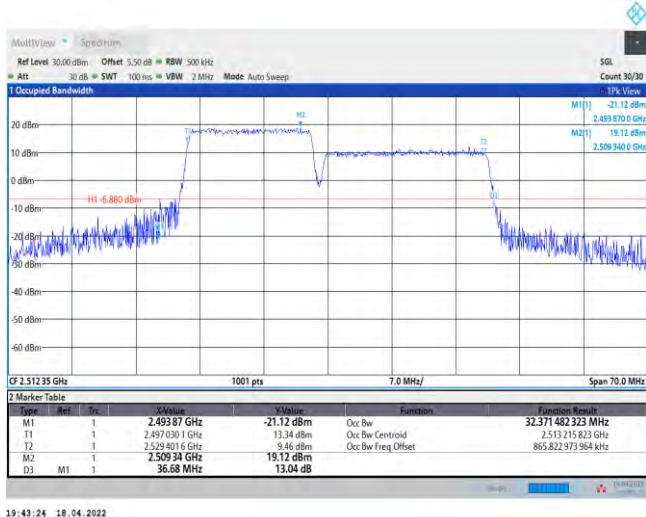


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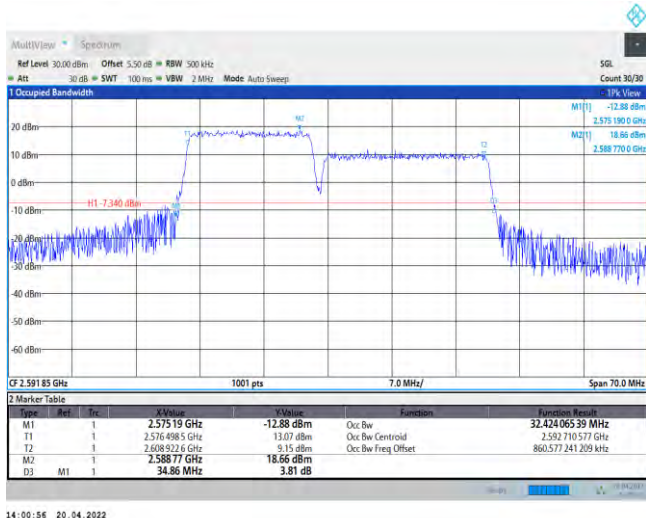
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41-41-15MHz-20MHz-QPSK-QPSK-39728-39899-75RB#0-100RB#0



19:43:24 20.04.2022

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



14:00:56 20.04.2022



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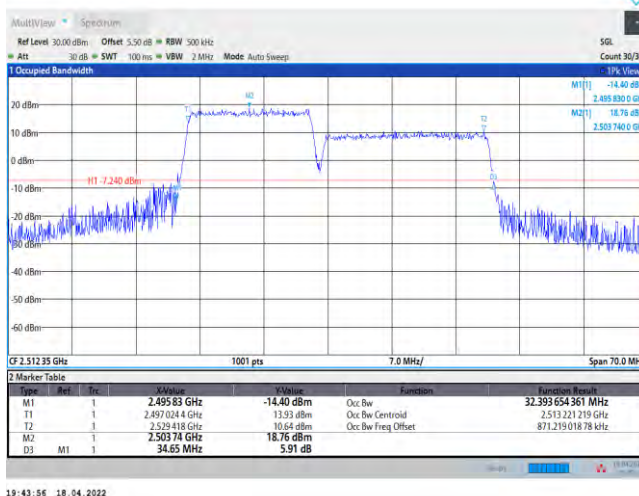
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41-41-15MHz-20MHz-QPSK-QPSK-41319-41490-75RB#0-100RB#0



14:01:35 20.04.2022

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19:43:56 18.04.2022

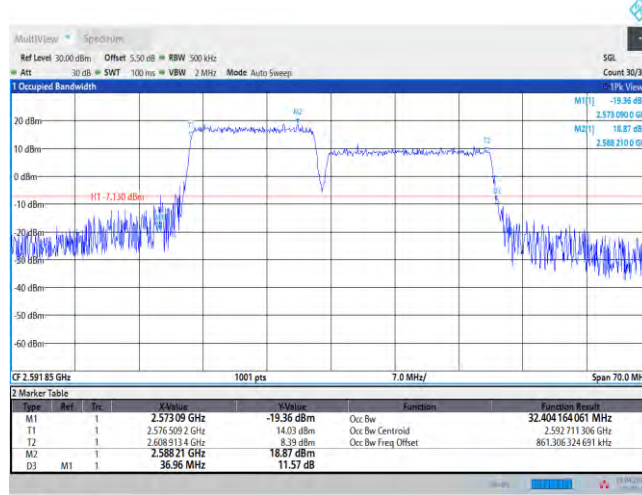


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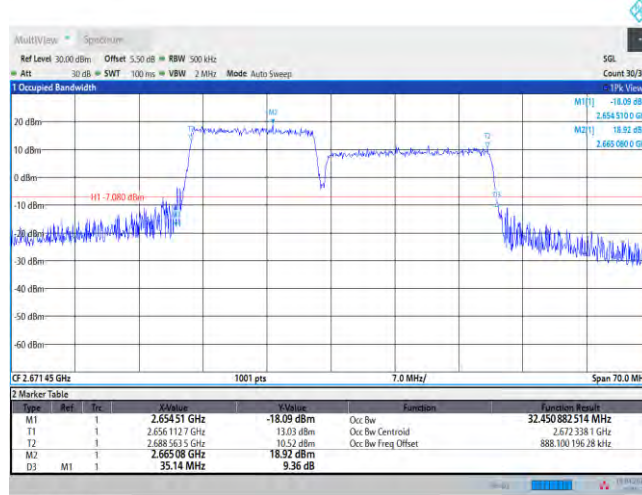
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41-41-15MHz-20MHz-16QAM-16QAM-40523-40694-75RB#0-100RB#0



19:46:10 18.04.2022

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



19:48:24 18.04.2022

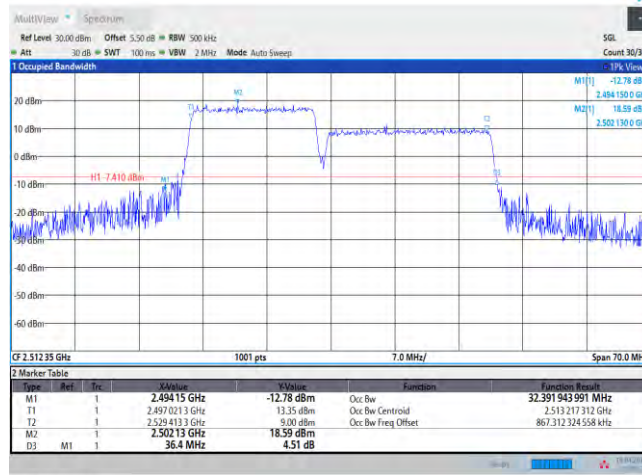


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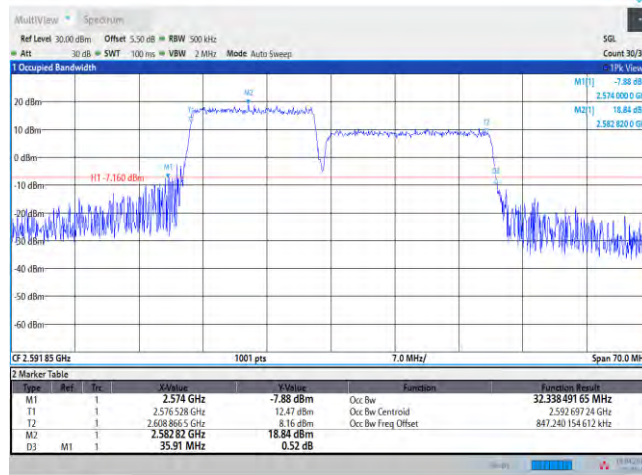
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41-41-15MHz-20MHz-64QAM-64QAM-39728-39899-75RB#0-100RB#0



19:44:28 18.04.2022

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



19:46:42 18.04.2022



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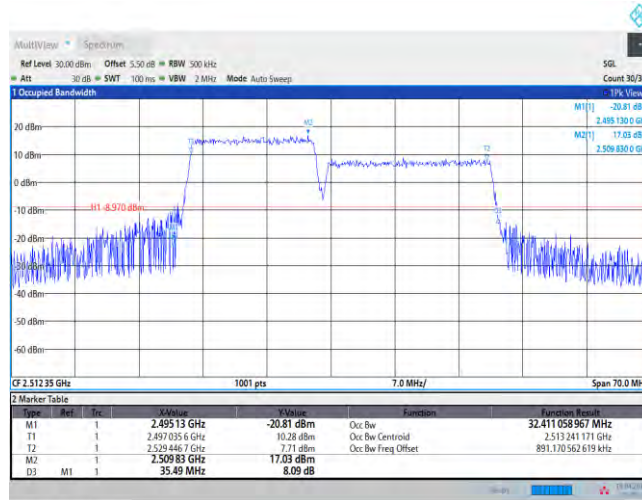
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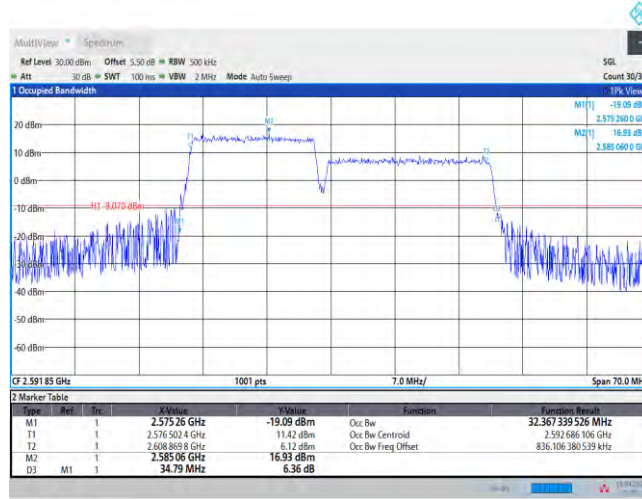
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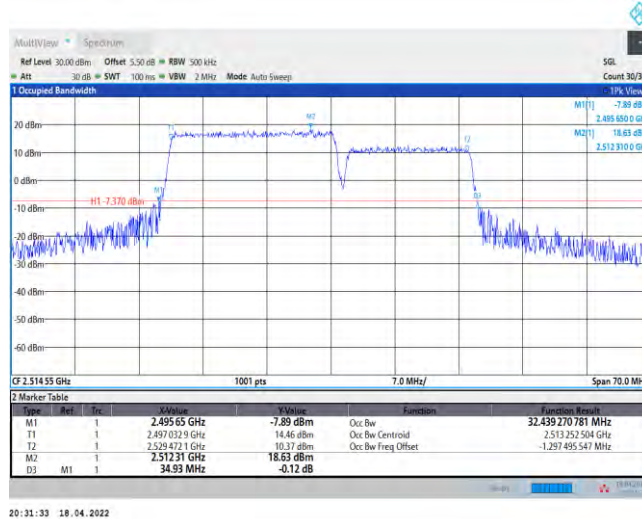
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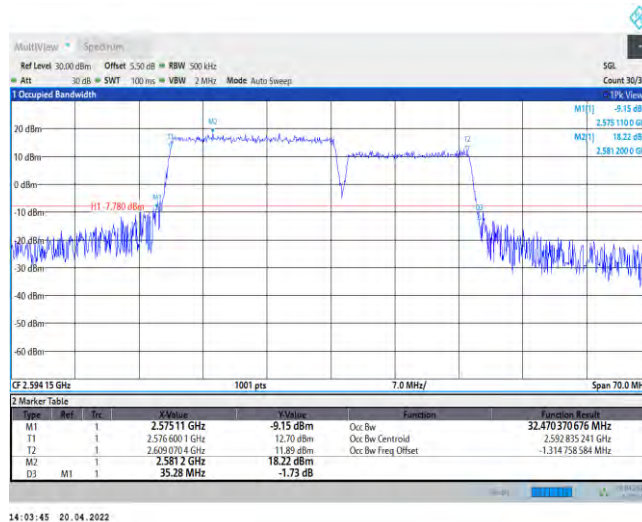
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41-41-20MHz-15MHz-QPSK-QPSK-39750-39921-100RB#0-75RB#0



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



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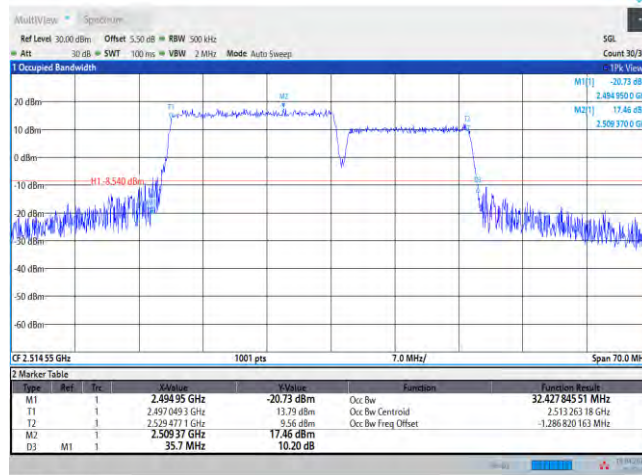
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41-41-20MHz-15MHz-QPSK-QPSK-41341-41512-100RB#0-75RB#0



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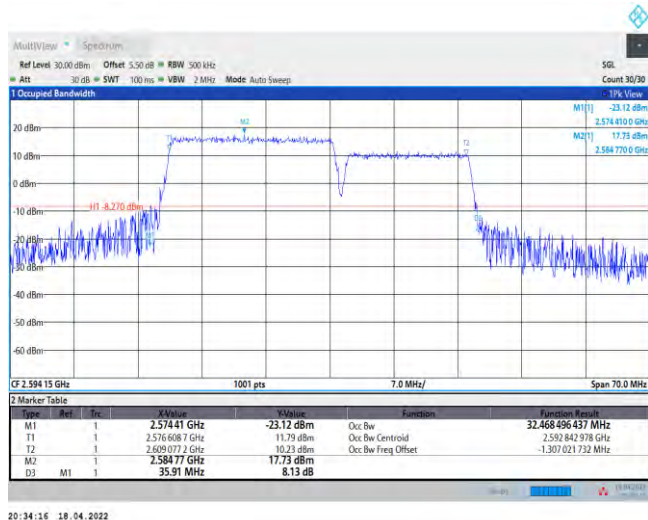
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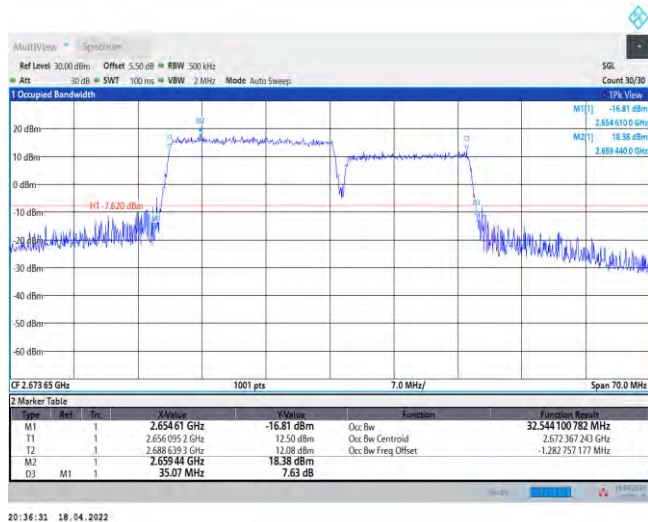
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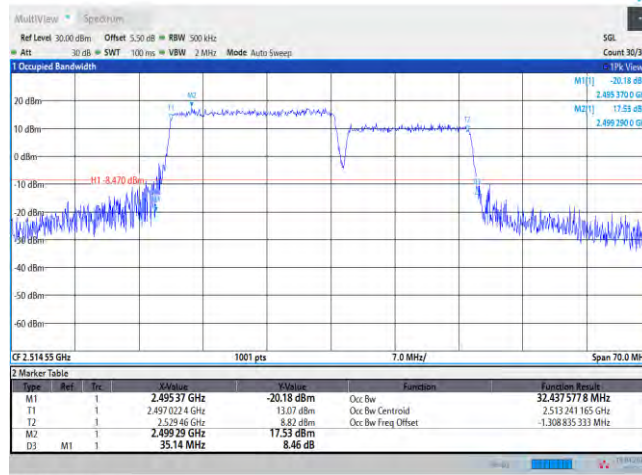


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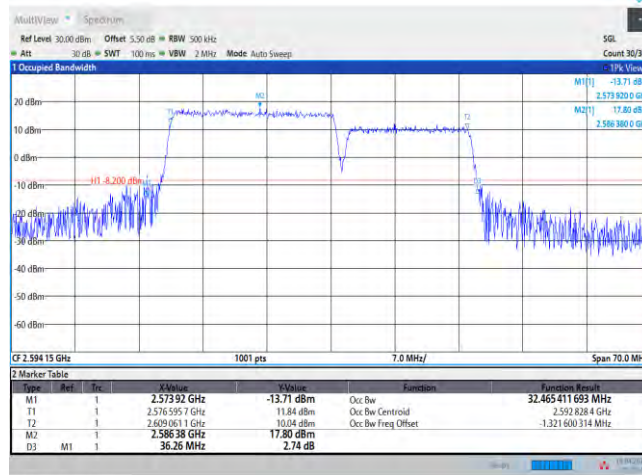
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41-41-20MHz-15MHz-64QAM-64QAM-40546-40717-100RB#0-75RB#0



20:34:48 18.04.2022



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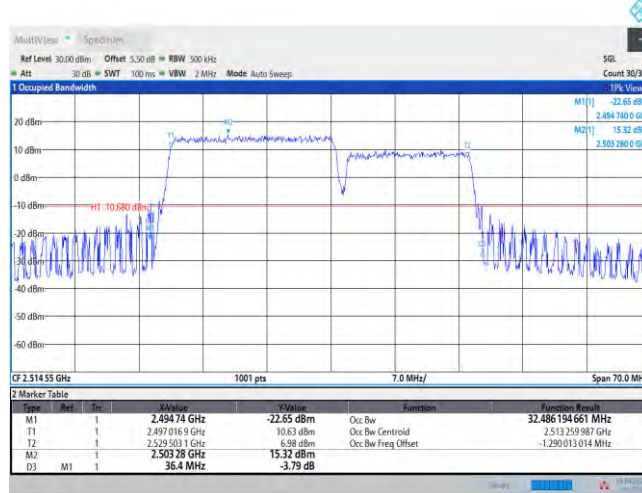
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41-41-20MHz-15MHz-64QAM-64QAM-41341-41512-100RB#0-75RB#0



20:37:02 18. 04. 2022

41-41-20MHz-15MHz-256QAM-256QAM-39750-39921-100RB#0-75RB#0



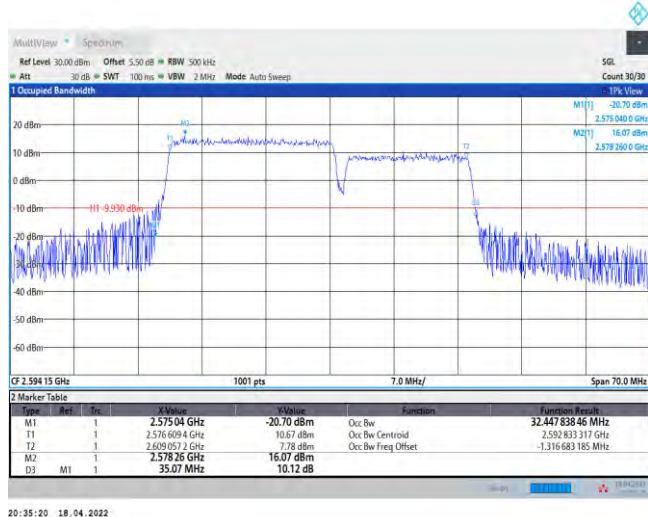
20:33:08 18. 04. 2022



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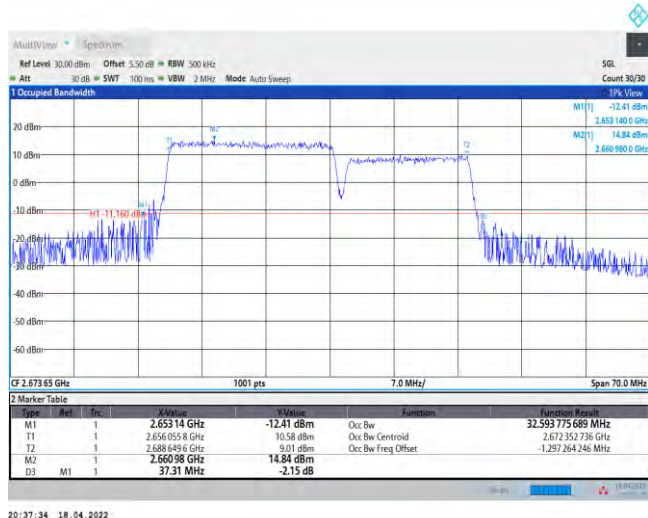
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41-41-20MHz-15MHz-256QAM-256QAM-40546-40717-100RB#0-75RB#0



20:35:20 18. 04. 2022

41-41-20MHz-15MHz-256QAM-256QAM-41341-41512-100RB#0-75RB#0



20:37:34 18. 04. 2022



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