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Appendix B.12

LTE Band 42C(3450-3550)



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant4:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
42-42	10MHz-20MHz	QPSK-QPSK	42145-42289	1RB#0-0RB#0	21.94	24.04	33	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42145-42289	50RB#0-100RB#0	20.7	22.8	33	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	1RB#0-0RB#0	21.97	24.07	33	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	50RB#0-100RB#0	20.9	23	33	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	1RB#0-0RB#0	22.34	24.44	33	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	50RB#0-100RB#0	21.05	23.15	33	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	1RB#0-0RB#0	20.85	22.95	33	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	50RB#0-100RB#0	19.71	21.81	33	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	1RB#0-0RB#0	20.91	23.01	33	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	50RB#0-100RB#0	19.93	22.03	33	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	1RB#0-0RB#0	21.34	23.44	33	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	50RB#0-100RB#0	20.07	22.17	33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	1RB#0-0RB#0	20.04	22.14	33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	50RB#0-100RB#0	19.74	21.84	33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	1RB#0-0RB#0	19.98	22.08	33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	50RB#0-100RB#0	19.9	22	33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	1RB#0-0RB#0	20.46	22.56	33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	50RB#0-100RB#0	20.07	22.17	33	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42145-42289	1RB#0-0RB#0	16.92	19.02	33	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42145-42289	50RB#0-100RB#0	17.72	19.82	33	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42496-42640	1RB#0-0RB#0	17.04	19.14	33	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42496-42640	50RB#0-100RB#0	17.9	20	33	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42846-42990	1RB#0-0RB#0	17.38	19.48	33	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42846-42990	50RB#0-100RB#0	18.06	20.16	33	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	1RB#0-0RB#0	21.65	23.75	33	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	75RB#0-100RB#0	20.66	22.76	33	PASS



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42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	1RB#0-0RB#0	21.85	23.95	33	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	75RB#0-100RB#0	20.8	22.9	33	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42819-42990	1RB#0-0RB#0	22.04	24.14	33	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42819-42990	75RB#0-100RB#0	20.84	22.94	33	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42168-42339	1RB#0-0RB#0	20.65	22.75	33	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42168-42339	75RB#0-100RB#0	19.65	21.75	33	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42493-42664	1RB#0-0RB#0	20.78	22.88	33	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42493-42664	75RB#0-100RB#0	19.8	21.9	33	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42819-42990	1RB#0-0RB#0	21.06	23.16	33	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42819-42990	75RB#0-100RB#0	19.84	21.94	33	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42168-42339	1RB#0-0RB#0	19.75	21.85	33	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42168-42339	75RB#0-100RB#0	19.64	21.74	33	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42493-42664	1RB#0-0RB#0	19.81	21.91	33	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42493-42664	75RB#0-100RB#0	19.81	21.91	33	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42819-42990	1RB#0-0RB#0	20.1	22.2	33	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42819-42990	75RB#0-100RB#0	19.84	21.94	33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42168-42339	1RB#0-0RB#0	16.73	18.83	33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42168-42339	75RB#0-100RB#0	17.66	19.76	33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42493-42664	1RB#0-0RB#0	16.66	18.76	33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42493-42664	75RB#0-100RB#0	17.79	19.89	33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42819-42990	1RB#0-0RB#0	17.01	19.11	33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42819-42990	75RB#0-100RB#0	17.82	19.92	33	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42190-42334	100RB#0-50RB#0	20.72	22.82	33	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42190-42334	1RB#0-0RB#0	21.82	23.92	33	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42541-42685	100RB#0-50RB#0	20.84	22.94	33	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42541-42685	1RB#0-0RB#0	21.88	23.98	33	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42891-43035	100RB#0-50RB#0	20.87	22.97	33	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42891-43035	1RB#0-0RB#0	22.18	24.28	33	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42190-42334	100RB#0-50RB#0	19.71	21.81	33	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42190-42334	1RB#0-0RB#0	20.83	22.93	33	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42541-42685	100RB#0-50RB#0	19.85	21.95	33	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42541-42685	1RB#0-0RB#0	20.85	22.95	33	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42891-43035	100RB#0-50RB#0	19.86	21.96	33	PASS



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42-42	20MHz-10MHz	16QAM-16QAM	42891-43035	1RB#0-0RB#0	21.06	23.16	33	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42190-42334	100RB#0-50RB#0	19.73	21.83	33	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42190-42334	1RB#0-0RB#0	19.89	21.99	33	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42541-42685	100RB#0-50RB#0	19.86	21.96	33	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42541-42685	1RB#0-0RB#0	19.94	22.04	33	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42891-43035	100RB#0-50RB#0	19.87	21.97	33	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42891-43035	1RB#0-0RB#0	20.1	22.2	33	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42190-42334	100RB#0-50RB#0	17.7	19.8	33	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42190-42334	1RB#0-0RB#0	16.78	18.88	33	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42541-42685	100RB#0-50RB#0	17.85	19.95	33	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42541-42685	1RB#0-0RB#0	16.81	18.91	33	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42891-43035	100RB#0-50RB#0	17.85	19.95	33	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42891-43035	1RB#0-0RB#0	17.17	19.27	33	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42190-42361	100RB#0-75RB#0	20.66	22.76	33	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42190-42361	1RB#0-0RB#0	21.76	23.86	33	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42516-42687	100RB#0-75RB#0	20.81	22.91	33	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42516-42687	1RB#0-0RB#0	21.84	23.94	33	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42841-43012	100RB#0-75RB#0	20.85	22.95	33	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42841-43012	1RB#0-0RB#0	22.04	24.14	33	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42190-42361	100RB#0-75RB#0	19.66	21.76	33	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42190-42361	1RB#0-0RB#0	20.69	22.79	33	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42516-42687	100RB#0-75RB#0	19.82	21.92	33	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42516-42687	1RB#0-0RB#0	20.69	22.79	33	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42841-43012	100RB#0-75RB#0	19.84	21.94	33	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42841-43012	1RB#0-0RB#0	20.99	23.09	33	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42190-42361	100RB#0-75RB#0	19.69	21.79	33	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42190-42361	1RB#0-0RB#0	19.73	21.83	33	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42516-42687	100RB#0-75RB#0	19.8	21.9	33	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42516-42687	1RB#0-0RB#0	19.93	22.03	33	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42841-43012	100RB#0-75RB#0	19.84	21.94	33	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42841-43012	1RB#0-0RB#0	20.14	22.24	33	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42190-42361	100RB#0-75RB#0	17.66	19.76	33	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42190-42361	1RB#0-0RB#0	16.88	18.98	33	PASS



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42-42	20MHz-15MHz	256QAM-256QAM	42516-42687	100RB#0-75RB#0	17.81	19.91	33	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42516-42687	1RB#0-0RB#0	16.76	18.86	33	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42841-43012	100RB#0-75RB#0	17.85	19.95	33	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42841-43012	1RB#0-0RB#0	16.95	19.05	33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	100RB#0-100RB#0	20.67	22.77	33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	1RB#0-0RB#0	21.73	23.83	33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	20.8	22.9	33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	1RB#0-0RB#0	21.79	23.89	33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	100RB#0-100RB#0	20.86	22.96	33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	1RB#0-0RB#0	22.03	24.13	33	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	100RB#0-100RB#0	19.69	21.79	33	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	1RB#0-0RB#0	20.75	22.85	33	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100RB#0	19.81	21.91	33	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	1RB#0-0RB#0	20.76	22.86	33	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	100RB#0-100RB#0	19.85	21.95	33	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	1RB#0-0RB#0	21.04	23.14	33	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	100RB#0-100RB#0	19.68	21.78	33	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	1RB#0-0RB#0	19.75	21.85	33	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	100RB#0-100RB#0	19.78	21.88	33	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	1RB#0-0RB#0	19.86	21.96	33	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	100RB#0-100RB#0	19.83	21.93	33	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	1RB#0-0RB#0	20.2	22.3	33	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	100RB#0-100RB#0	17.7	19.8	33	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	1RB#0-0RB#0	16.61	18.71	33	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	100RB#0-100RB#0	17.79	19.89	33	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	1RB#0-0RB#0	16.77	18.87	33	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	100RB#0-100RB#0	17.84	19.94	33	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	1RB#0-0RB#0	16.95	19.05	33	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42190-42307	100RB#0-25RB#0	20.72	22.82	33	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42190-42307	1RB#0-0RB#0	21.83	23.93	33	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42565-42682	100RB#0-25RB#0	20.98	23.08	33	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42565-42682	1RB#0-0RB#0	21.99	24.09	33	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43057	100RB#0-25RB#0	21.05	23.15	33	PASS



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42-42	20MHz-5MHz	QPSK-QPSK	42940-43057	1RB#0-0RB#0	22.29	24.39	33	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42190-42307	100RB#0-25RB#0	19.74	21.84	33	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42190-42307	1RB#0-0RB#0	20.8	22.9	33	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42565-42682	100RB#0-25RB#0	20	22.1	33	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42565-42682	1RB#0-0RB#0	20.99	23.09	33	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43057	100RB#0-25RB#0	20.07	22.17	33	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43057	1RB#0-0RB#0	21.25	23.35	33	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42190-42307	100RB#0-25RB#0	19.73	21.83	33	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42190-42307	1RB#0-0RB#0	19.98	22.08	33	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42565-42682	100RB#0-25RB#0	19.97	22.07	33	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42565-42682	1RB#0-0RB#0	20.11	22.21	33	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42940-43057	100RB#0-25RB#0	20.08	22.18	33	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42940-43057	1RB#0-0RB#0	20.37	22.47	33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42190-42307	100RB#0-25RB#0	17.65	19.75	33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42190-42307	1RB#0-0RB#0	16.95	19.05	33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42565-42682	100RB#0-25RB#0	17.97	20.07	33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42565-42682	1RB#0-0RB#0	16.92	19.02	33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42940-43057	100RB#0-25RB#0	18.05	20.15	33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42940-43057	1RB#0-0RB#0	17.24	19.34	33	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42123-42240	1RB#0-0RB#0	21.86	23.96	33	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42123-42240	50RB#0-100RB#0	19.22	21.32	33	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42498-42615	1RB#0-0RB#0	22	24.1	33	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42498-42615	50RB#0-100RB#0	19.41	21.51	33	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42873-42990	1RB#0-0RB#0	22.33	24.43	33	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42873-42990	50RB#0-100RB#0	19.54	21.64	33	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42123-42240	1RB#0-0RB#0	21.02	23.12	33	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42123-42240	50RB#0-100RB#0	19.2	21.3	33	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42498-42615	1RB#0-0RB#0	20.89	22.99	33	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42498-42615	50RB#0-100RB#0	19.4	21.5	33	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42873-42990	1RB#0-0RB#0	21.25	23.35	33	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42873-42990	50RB#0-100RB#0	19.54	21.64	33	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42123-42240	1RB#0-0RB#0	20.01	22.11	33	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42123-42240	50RB#0-100RB#0	19.28	21.38	33	PASS



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42-42	5MHz-20MHz	64QAM-64QAM	42498-42615	1RB#0-0RB#0	20.01	22.11	33	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42498-42615	50RB#0-100RB#0	19.46	21.56	33	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42873-42990	1RB#0-0RB#0	20.41	22.51	33	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42873-42990	50RB#0-100RB#0	19.58	21.68	33	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42123-42240	1RB#0-0RB#0	16.82	18.92	33	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42123-42240	50RB#0-100RB#0	17.26	19.36	33	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42498-42615	1RB#0-0RB#0	16.93	19.03	33	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42498-42615	50RB#0-100RB#0	17.39	19.49	33	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42873-42990	1RB#0-0RB#0	17.37	19.47	33	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42873-42990	50RB#0-100RB#0	17.51	19.61	33	PASS



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Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
42-42	10MHz-20MHz	QPSK-QPSK	42145-42289	1RB#0-0RB#0	21.72	24.02	33	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42145-42289	50RB#0-100RB#0	20.49	22.79	33	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	1RB#0-0RB#0	21.75	24.05	33	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	50RB#0-100RB#0	20.69	22.99	33	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	1RB#0-0RB#0	22.12	24.42	33	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	50RB#0-100RB#0	20.84	23.14	33	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	1RB#0-0RB#0	20.64	22.94	33	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	50RB#0-100RB#0	19.51	21.81	33	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	1RB#0-0RB#0	20.70	23.00	33	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	50RB#0-100RB#0	19.73	22.03	33	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	1RB#0-0RB#0	21.13	23.43	33	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	50RB#0-100RB#0	19.87	22.17	33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	1RB#0-0RB#0	19.84	22.14	33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	50RB#0-100RB#0	19.54	21.84	33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	1RB#0-0RB#0	19.78	22.08	33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	50RB#0-100RB#0	19.70	22.00	33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	1RB#0-0RB#0	20.26	22.56	33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	50RB#0-100RB#0	19.87	22.17	33	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42145-42289	1RB#0-0RB#0	16.75	19.05	33	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42145-42289	50RB#0-100RB#0	17.54	19.84	33	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42496-42640	1RB#0-0RB#0	16.87	19.17	33	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42496-42640	50RB#0-100RB#0	17.72	20.02	33	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42846-42990	1RB#0-0RB#0	17.21	19.51	33	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42846-42990	50RB#0-100RB#0	17.88	20.18	33	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	1RB#0-0RB#0	21.43	23.73	33	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	75RB#0-100RB#0	20.45	22.75	33	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	1RB#0-0RB#0	21.63	23.93	33	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	75RB#0-100RB#0	20.59	22.89	33	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42819-42990	1RB#0-0RB#0	21.82	24.12	33	PASS



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42-42	15MHz-20MHz	QPSK-QPSK	42819-42990	75RB#0-100RB#0	20.63	22.93	33	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42168-42339	1RB#0-0RB#0	20.44	22.74	33	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42168-42339	75RB#0-100RB#0	19.45	21.75	33	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42493-42664	1RB#0-0RB#0	20.57	22.87	33	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42493-42664	75RB#0-100RB#0	19.60	21.90	33	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42819-42990	1RB#0-0RB#0	20.85	23.15	33	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42819-42990	75RB#0-100RB#0	19.64	21.94	33	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42168-42339	1RB#0-0RB#0	19.55	21.85	33	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42168-42339	75RB#0-100RB#0	19.44	21.74	33	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42493-42664	1RB#0-0RB#0	19.61	21.91	33	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42493-42664	75RB#0-100RB#0	19.61	21.91	33	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42819-42990	1RB#0-0RB#0	19.90	22.20	33	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42819-42990	75RB#0-100RB#0	19.64	21.94	33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42168-42339	1RB#0-0RB#0	16.56	18.86	33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42168-42339	75RB#0-100RB#0	17.48	19.78	33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42493-42664	1RB#0-0RB#0	16.49	18.79	33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42493-42664	75RB#0-100RB#0	17.61	19.91	33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42819-42990	1RB#0-0RB#0	16.84	19.14	33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42819-42990	75RB#0-100RB#0	17.64	19.94	33	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42190-42334	100RB#0-50RB#0	20.51	22.81	33	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42190-42334	1RB#0-0RB#0	21.60	23.90	33	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42541-42685	100RB#0-50RB#0	20.63	22.93	33	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42541-42685	1RB#0-0RB#0	21.66	23.96	33	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42891-43035	100RB#0-50RB#0	20.66	22.96	33	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42891-43035	1RB#0-0RB#0	21.96	24.26	33	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42190-42334	100RB#0-50RB#0	19.51	21.81	33	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42190-42334	1RB#0-0RB#0	20.62	22.92	33	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42541-42685	100RB#0-50RB#0	19.65	21.95	33	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42541-42685	1RB#0-0RB#0	20.64	22.94	33	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42891-43035	100RB#0-50RB#0	19.66	21.96	33	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42891-43035	1RB#0-0RB#0	20.85	23.15	33	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42190-42334	100RB#0-50RB#0	19.53	21.83	33	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42190-42334	1RB#0-0RB#0	19.69	21.99	33	PASS



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42-42	20MHz-10MHz	64QAM-64QAM	42541-42685	100RB#0-50RB#0	19.66	21.96	33	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42541-42685	1RB#0-0RB#0	19.74	22.04	33	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42891-43035	100RB#0-50RB#0	19.67	21.97	33	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42891-43035	1RB#0-0RB#0	19.90	22.20	33	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42190-42334	100RB#0-50RB#0	17.52	19.82	33	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42190-42334	1RB#0-0RB#0	16.61	18.91	33	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42541-42685	100RB#0-50RB#0	17.67	19.97	33	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42541-42685	1RB#0-0RB#0	16.64	18.94	33	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42891-43035	100RB#0-50RB#0	17.67	19.97	33	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42891-43035	1RB#0-0RB#0	17.00	19.30	33	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42190-42361	100RB#0-75RB#0	20.45	22.75	33	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42190-42361	1RB#0-0RB#0	21.54	23.84	33	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42516-42687	100RB#0-75RB#0	20.60	22.90	33	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42516-42687	1RB#0-0RB#0	21.62	23.92	33	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42841-43012	100RB#0-75RB#0	20.64	22.94	33	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42841-43012	1RB#0-0RB#0	21.82	24.12	33	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42190-42361	100RB#0-75RB#0	19.46	21.76	33	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42190-42361	1RB#0-0RB#0	20.48	22.78	33	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42516-42687	100RB#0-75RB#0	19.62	21.92	33	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42516-42687	1RB#0-0RB#0	20.48	22.78	33	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42841-43012	100RB#0-75RB#0	19.64	21.94	33	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42841-43012	1RB#0-0RB#0	20.78	23.08	33	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42190-42361	100RB#0-75RB#0	19.49	21.79	33	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42190-42361	1RB#0-0RB#0	19.53	21.83	33	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42516-42687	100RB#0-75RB#0	19.60	21.90	33	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42516-42687	1RB#0-0RB#0	19.73	22.03	33	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42841-43012	100RB#0-75RB#0	19.64	21.94	33	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42841-43012	1RB#0-0RB#0	19.94	22.24	33	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42190-42361	100RB#0-75RB#0	17.48	19.78	33	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42190-42361	1RB#0-0RB#0	16.71	19.01	33	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42516-42687	100RB#0-75RB#0	17.63	19.93	33	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42516-42687	1RB#0-0RB#0	16.59	18.89	33	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42841-43012	100RB#0-75RB#0	17.67	19.97	33	PASS



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42-42	20MHz-15MHz	256QAM-256QAM	42841-43012	1RB#0-0RB#0	16.78	19.08	33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	100RB#0-100RB#0	20.46	22.76	33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	1RB#0-0RB#0	21.51	23.81	33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	20.59	22.89	33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	1RB#0-0RB#0	21.57	23.87	33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	100RB#0-100RB#0	20.65	22.95	33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	1RB#0-0RB#0	21.81	24.11	33	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	100RB#0-100RB#0	19.49	21.79	33	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	1RB#0-0RB#0	20.54	22.84	33	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100RB#0	19.61	21.91	33	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	1RB#0-0RB#0	20.55	22.85	33	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	100RB#0-100RB#0	19.65	21.95	33	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	1RB#0-0RB#0	20.83	23.13	33	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	100RB#0-100RB#0	19.48	21.78	33	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	1RB#0-0RB#0	19.55	21.85	33	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	100RB#0-100RB#0	19.58	21.88	33	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	1RB#0-0RB#0	19.66	21.96	33	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	100RB#0-100RB#0	19.63	21.93	33	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	1RB#0-0RB#0	20.00	22.30	33	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	100RB#0-100RB#0	17.52	19.82	33	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	1RB#0-0RB#0	16.44	18.74	33	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	100RB#0-100RB#0	17.61	19.91	33	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	1RB#0-0RB#0	16.60	18.90	33	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	100RB#0-100RB#0	17.66	19.96	33	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	1RB#0-0RB#0	16.78	19.08	33	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42190-42307	100RB#0-25RB#0	20.51	22.81	33	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42190-42307	1RB#0-0RB#0	21.61	23.91	33	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42565-42682	100RB#0-25RB#0	20.77	23.07	33	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42565-42682	1RB#0-0RB#0	21.77	24.07	33	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43057	100RB#0-25RB#0	20.84	23.14	33	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43057	1RB#0-0RB#0	22.07	24.37	33	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42190-42307	100RB#0-25RB#0	19.54	21.84	33	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42190-42307	1RB#0-0RB#0	20.59	22.89	33	PASS



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42-42	20MHz-5MHz	16QAM-16QAM	42565-42682	100RB#0-25RB#0	19.80	22.10	33	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42565-42682	1RB#0-0RB#0	20.78	23.08	33	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43057	100RB#0-25RB#0	19.87	22.17	33	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43057	1RB#0-0RB#0	21.04	23.34	33	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42190-42307	100RB#0-25RB#0	19.53	21.83	33	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42190-42307	1RB#0-0RB#0	19.78	22.08	33	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42565-42682	100RB#0-25RB#0	19.77	22.07	33	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42565-42682	1RB#0-0RB#0	19.91	22.21	33	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42940-43057	100RB#0-25RB#0	19.88	22.18	33	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42940-43057	1RB#0-0RB#0	20.17	22.47	33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42190-42307	100RB#0-25RB#0	17.47	19.77	33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42190-42307	1RB#0-0RB#0	16.78	19.08	33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42565-42682	100RB#0-25RB#0	17.79	20.09	33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42565-42682	1RB#0-0RB#0	16.75	19.05	33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42940-43057	100RB#0-25RB#0	17.87	20.17	33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42940-43057	1RB#0-0RB#0	17.07	19.37	33	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42123-42240	1RB#0-0RB#0	21.64	23.94	33	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42123-42240	50RB#0-100RB#0	19.03	21.33	33	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42498-42615	1RB#0-0RB#0	21.78	24.08	33	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42498-42615	50RB#0-100RB#0	19.22	21.52	33	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42873-42990	1RB#0-0RB#0	22.11	24.41	33	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42873-42990	50RB#0-100RB#0	19.34	21.64	33	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42123-42240	1RB#0-0RB#0	20.81	23.11	33	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42123-42240	50RB#0-100RB#0	19.01	21.31	33	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42498-42615	1RB#0-0RB#0	20.68	22.98	33	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42498-42615	50RB#0-100RB#0	19.21	21.51	33	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42873-42990	1RB#0-0RB#0	21.04	23.34	33	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42873-42990	50RB#0-100RB#0	19.34	21.64	33	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42123-42240	1RB#0-0RB#0	19.81	22.11	33	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42123-42240	50RB#0-100RB#0	19.09	21.39	33	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42498-42615	1RB#0-0RB#0	19.81	22.11	33	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42498-42615	50RB#0-100RB#0	19.27	21.57	33	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42873-42990	1RB#0-0RB#0	20.21	22.51	33	PASS



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42-42	5MHz-20MHz	64QAM-64QAM	42873-42990	50RB#0-100RB#0	19.38	21.68	33	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42123-42240	1RB#0-0RB#0	16.65	18.95	33	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42123-42240	50RB#0-100RB#0	17.09	19.39	33	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42498-42615	1RB#0-0RB#0	16.76	19.06	33	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42498-42615	50RB#0-100RB#0	17.22	19.52	33	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42873-42990	1RB#0-0RB#0	17.20	19.50	33	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42873-42990	50RB#0-100RB#0	17.33	19.63	33	PASS



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Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	100RB#0-100RB#0	10.20	13	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	10.14	13	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	100RB#0-100RB#0	10.14	13	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	100RB#0-100RB#0	10.20	13	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100RB#0	10.18	13	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	100RB#0-100RB#0	10.14	13	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	100RB#0-100RB#0	10.20	13	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	100RB#0-100RB#0	10.12	13	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	100RB#0-100RB#0	10.16	13	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	100RB#0-100RB#0	10.24	13	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	100RB#0-100RB#0	10.18	13	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	100RB#0-100RB#0	10.18	13	PASS



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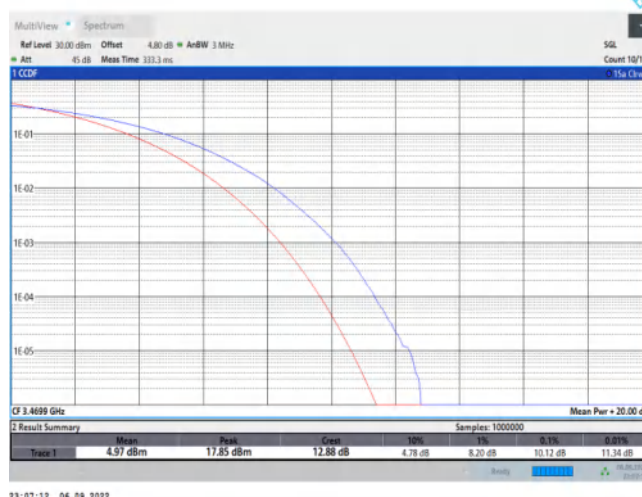
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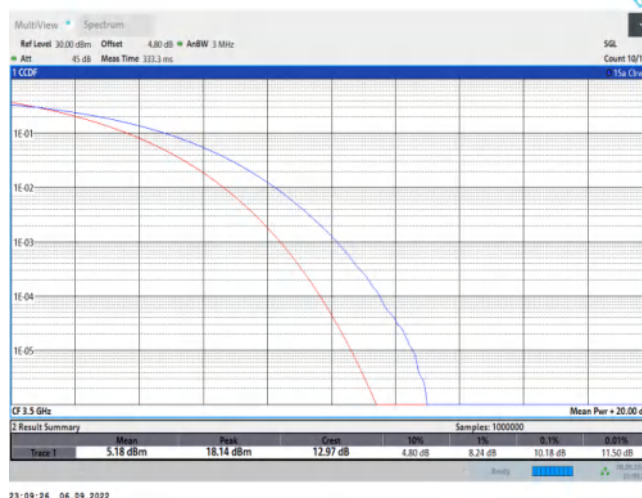
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Test Graphs

42-42-20MHz-20MHz-QPSK-QPSK-42190-42388-100RB#0-100RB#0



42-42-20MHz-20MHz-QPSK-QPSK-42491-42689-100RB#0-100RB#0



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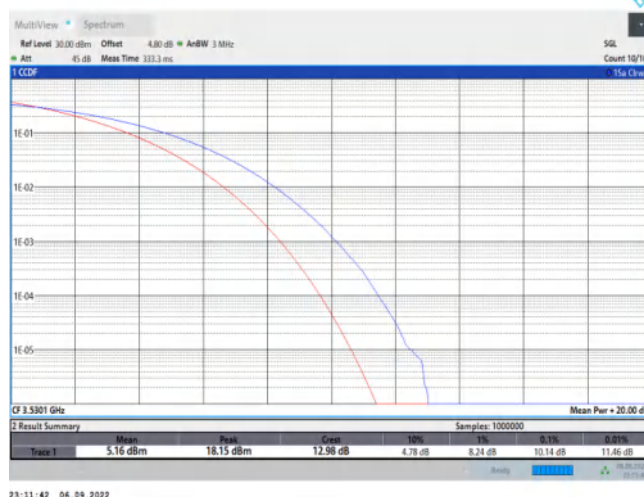
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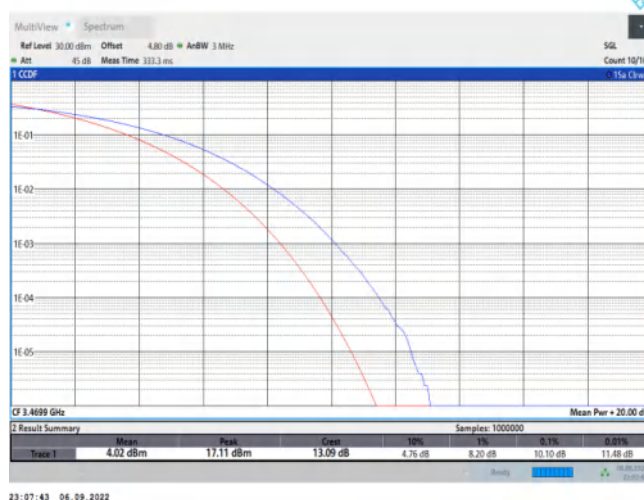
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42-42-20MHz-20MHz-QPSK-QPSK-42792-42990-100RB#0-100RB#0



42-42-20MHz-20MHz-16QAM-16QAM-42190-42388-100RB#0-100RB#0



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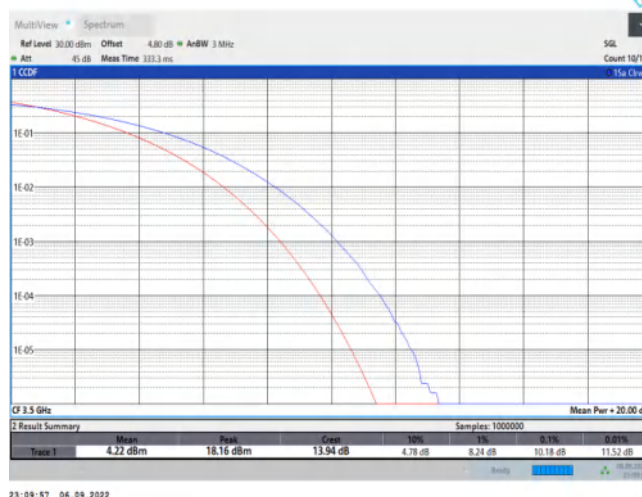
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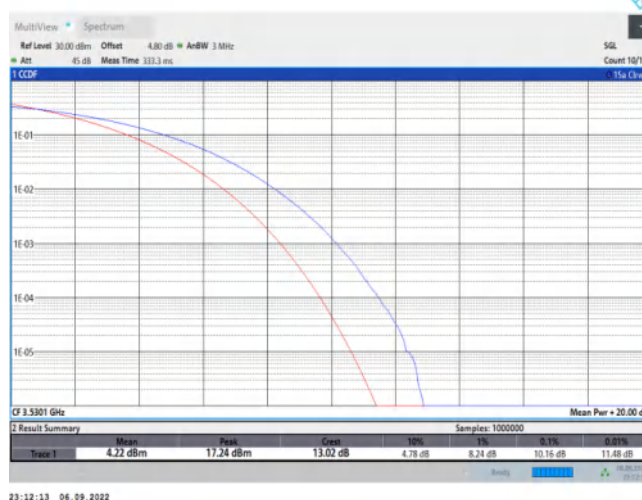
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42-42-20MHz-20MHz-16QAM-16QAM-42792-42990-100RB#0-100RB#0



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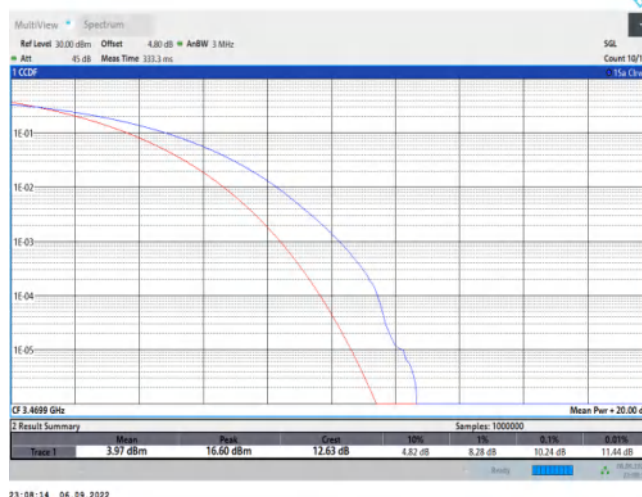
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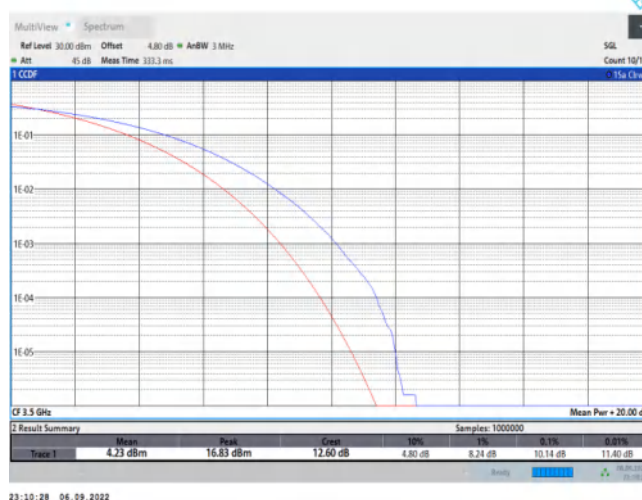
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42-42-20MHz-20MHz-64QAM-64QAM-42190-42388-100RB#0-100RB#0



42-42-20MHz-20MHz-64QAM-64QAM-42491-42689-100RB#0-100RB#0



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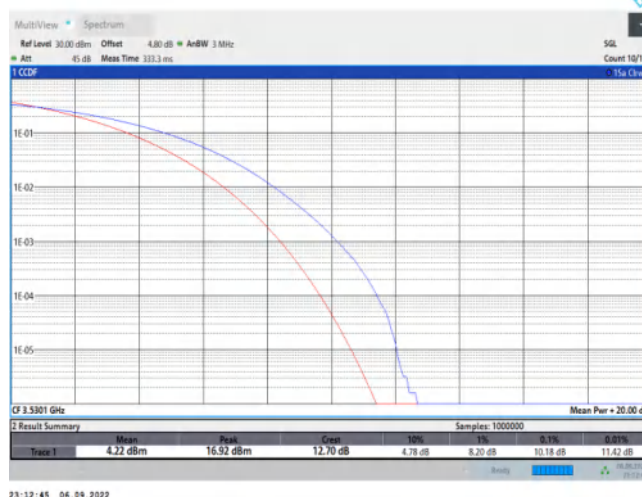
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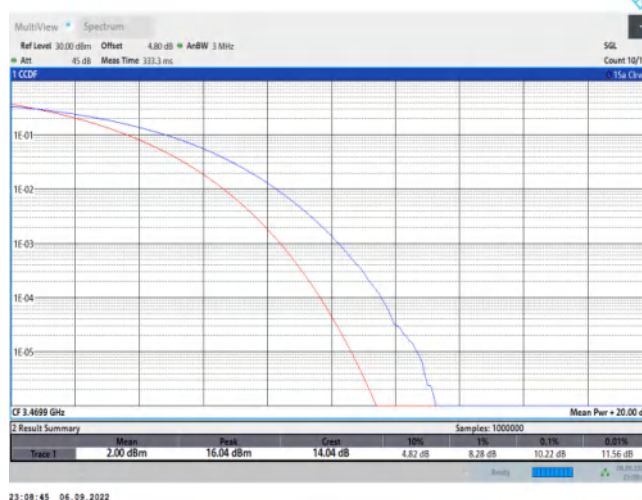
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42-42-20MHz-20MHz-64QAM-64QAM-42792-42990-100RB#0-100RB#0



42-42-20MHz-20MHz-256QAM-256QAM-42190-42388-100RB#0-100RB#0



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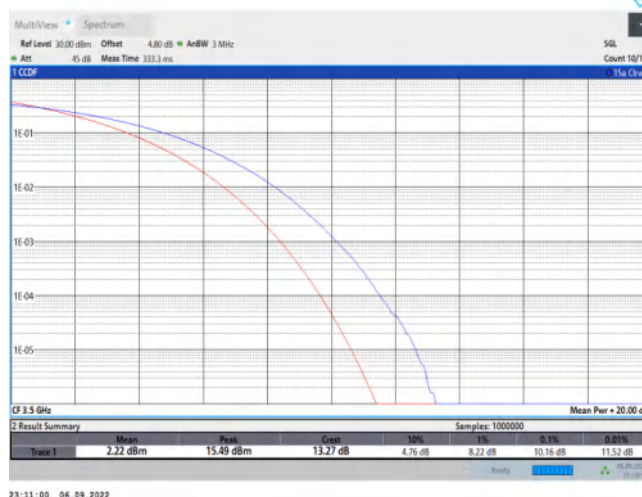
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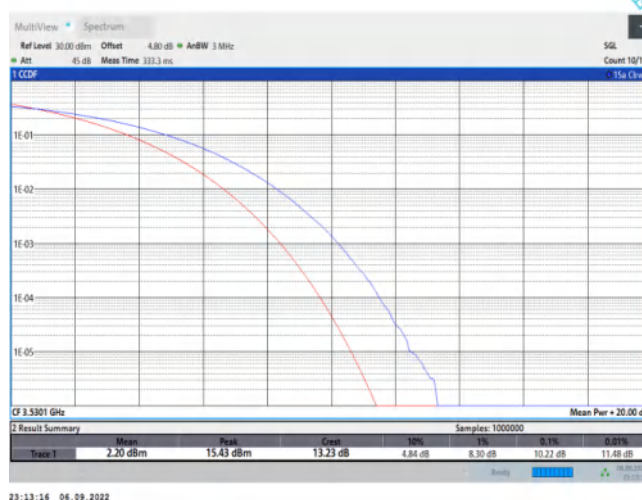
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42-42-20MHz-20MHz-256QAM-256QAM-42491-42689-100RB#0-100RB#0



42-42-20MHz-20MHz-256QAM-256QAM-42792-42990-100RB#0-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Verdict
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	11.64	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100RB#0	11.62	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	100RB#0-100RB#0	11.86	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	100RB#0-100RB#0	11.66	PASS



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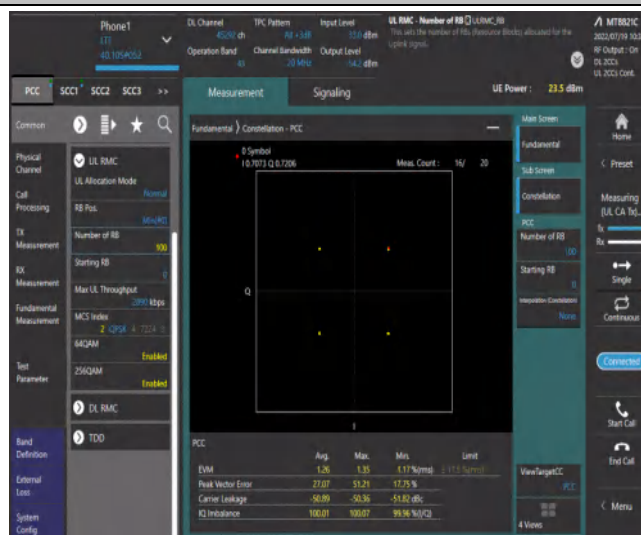
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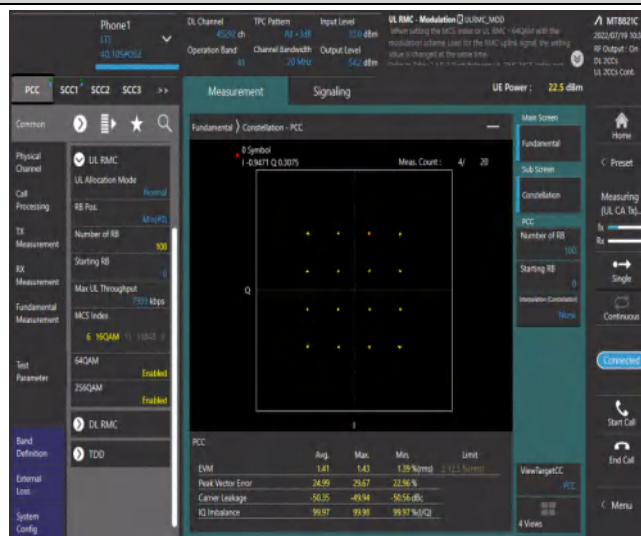
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Test Graphs

42-42-20MHz-20MHz-QPSK-QPSK-42491-42689-100RB#0-100RB#0



42-42-20MHz-20MHz-16QAM-6QAM-42491-42689-100RB#0-100RB#0



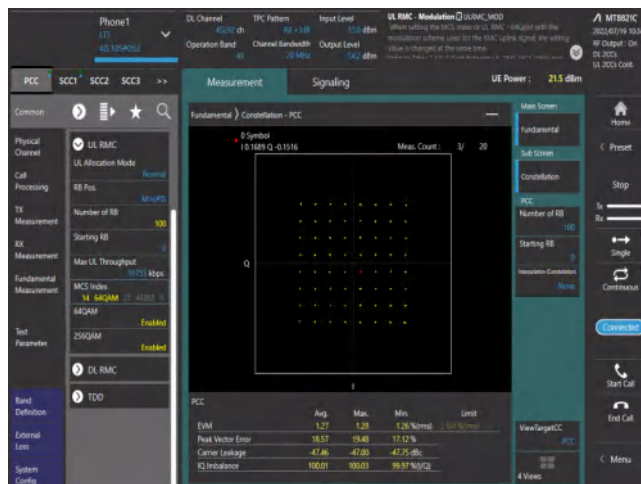
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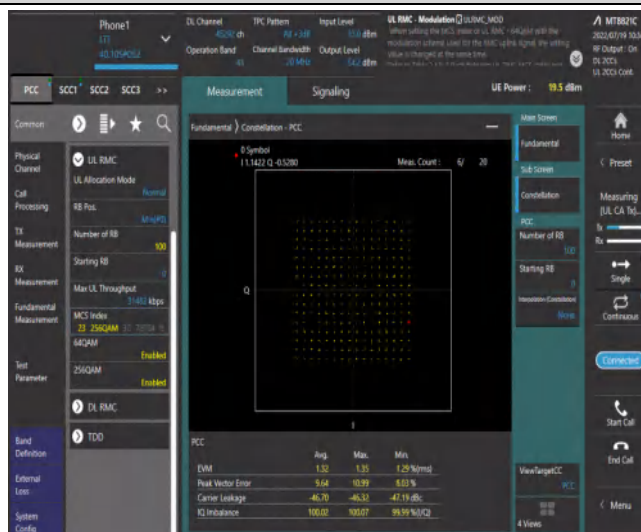
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42-42-20MHz-20MHz-256QAM-256QAM-42491-42689-100RB#0-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
42-42	10MHz-20MHz	QPSK-QPSK	42145-42289	50RB#0-100RB#0	28.192	33.47	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	50RB#0-100RB#0	28.295	34.53	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	50RB#0-100RB#0	28.311	32.67	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	50RB#0-100RB#0	28.209	32.53	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	50RB#0-100RB#0	28.149	32.27	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	50RB#0-100RB#0	28.169	35.07	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	50RB#0-100RB#0	28.12	33.33	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	50RB#0-100RB#0	28.127	34.53	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	50RB#0-100RB#0	28.131	32.67	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42145-42289	50RB#0-100RB#0	28.128	32	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42496-42640	50RB#0-100RB#0	28.14	32.53	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42846-42990	50RB#0-100RB#0	28.13	32.27	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	75RB#0-100RB#0	33.009	39.33	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	75RB#0-100RB#0	33.035	38.27	PASS



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42-4 2	15MHz-20M Hz	QPSK-QPSK	42819-4299 0	75RB#0-100RB# 0	32.984	37.2	PASS
42-4 2	15MHz-20M Hz	16QAM-16QAM	42168-4233 9	75RB#0-100RB# 0	32.928	37.87	PASS
42-4 2	15MHz-20M Hz	16QAM-16QAM	42493-4266 4	75RB#0-100RB# 0	32.959	38.67	PASS
42-4 2	15MHz-20M Hz	16QAM-16QAM	42819-4299 0	75RB#0-100RB# 0	32.98	38.8	PASS
42-4 2	15MHz-20M Hz	64QAM-64QAM	42168-4233 9	75RB#0-100RB# 0	32.903	42.67	PASS
42-4 2	15MHz-20M Hz	64QAM-64QAM	42493-4266 4	75RB#0-100RB# 0	32.979	40.67	PASS
42-4 2	15MHz-20M Hz	64QAM-64QAM	42819-4299 0	75RB#0-100RB# 0	32.943	37.07	PASS
42-4 2	15MHz-20M Hz	256QAM-256QA M	42168-4233 9	75RB#0-100RB# 0	32.974	37.33	PASS
42-4 2	15MHz-20M Hz	256QAM-256QA M	42493-4266 4	75RB#0-100RB# 0	32.958	40.13	PASS
42-4 2	15MHz-20M Hz	256QAM-256QA M	42819-4299 0	75RB#0-100RB# 0	32.996	38.4	PASS
42-4 2	20MHz-10M Hz	QPSK-QPSK	42190-4233 4	100RB#0-50RB# 0	28.249	33.47	PASS
42-4 2	20MHz-10M Hz	QPSK-QPSK	42541-4268 5	100RB#0-50RB# 0	28.209	37.47	PASS
42-4 2	20MHz-10M Hz	QPSK-QPSK	42891-4303 5	100RB#0-50RB# 0	28.222	35.73	PASS
42-4 2	20MHz-10M Hz	16QAM-16QAM	42190-4233 4	100RB#0-50RB# 0	28.219	38	PASS
42-4 2	20MHz-10M Hz	16QAM-16QAM	42541-4268 5	100RB#0-50RB# 0	28.191	34.8	PASS
42-4 2	20MHz-10M Hz	16QAM-16QAM	42891-4303 5	100RB#0-50RB# 0	28.271	33.2	PASS
42-4 2	20MHz-10M Hz	64QAM-64QAM	42190-4233 4	100RB#0-50RB# 0	28.158	33.2	PASS
42-4 2	20MHz-10M Hz	64QAM-64QAM	42541-4268 5	100RB#0-50RB# 0	28.185	32.8	PASS
42-4 2	20MHz-10M Hz	64QAM-64QAM	42891-4303 5	100RB#0-50RB# 0	28.147	37.47	PASS



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42-4 2	20MHz-10M Hz	256QAM-256QA M	42190-4233 4	100RB#0-50RB# 0	28.131	39.2	PASS
42-4 2	20MHz-10M Hz	256QAM-256QA M	42541-4268 5	100RB#0-50RB# 0	28.179	39.47	PASS
42-4 2	20MHz-10M Hz	256QAM-256QA M	42891-4303 5	100RB#0-50RB# 0	28.166	35.07	PASS
42-4 2	20MHz-15M Hz	QPSK-QPSK	42190-4236 1	100RB#0-75RB# 0	33.053	40.13	PASS
42-4 2	20MHz-15M Hz	QPSK-QPSK	42516-4268 7	100RB#0-75RB# 0	33.007	39.33	PASS
42-4 2	20MHz-15M Hz	QPSK-QPSK	42841-4301 2	100RB#0-75RB# 0	33.048	38	PASS
42-4 2	20MHz-15M Hz	16QAM-16QAM	42190-4236 1	100RB#0-75RB# 0	32.999	39.2	PASS
42-4 2	20MHz-15M Hz	16QAM-16QAM	42516-4268 7	100RB#0-75RB# 0	32.947	39.07	PASS
42-4 2	20MHz-15M Hz	16QAM-16QAM	42841-4301 2	100RB#0-75RB# 0	33.038	39.73	PASS
42-4 2	20MHz-15M Hz	64QAM-64QAM	42190-4236 1	100RB#0-75RB# 0	32.929	39.87	PASS
42-4 2	20MHz-15M Hz	64QAM-64QAM	42516-4268 7	100RB#0-75RB# 0	32.982	38.13	PASS
42-4 2	20MHz-15M Hz	64QAM-64QAM	42841-4301 2	100RB#0-75RB# 0	32.96	40.53	PASS
42-4 2	20MHz-15M Hz	256QAM-256QA M	42190-4236 1	100RB#0-75RB# 0	32.922	41.07	PASS
42-4 2	20MHz-15M Hz	256QAM-256QA M	42516-4268 7	100RB#0-75RB# 0	32.976	38.53	PASS
42-4 2	20MHz-15M Hz	256QAM-256QA M	42841-4301 2	100RB#0-75RB# 0	32.941	39.73	PASS
42-4 2	20MHz-20M Hz	QPSK-QPSK	42190-4238 8	100RB#0-100RB #0	37.815	41.87	PASS
42-4 2	20MHz-20M Hz	QPSK-QPSK	42491-4268 9	100RB#0-100RB #0	37.832	42.27	PASS
42-4 2	20MHz-20M Hz	QPSK-QPSK	42792-4299 0	100RB#0-100RB #0	37.842	44	PASS
42-4 2	20MHz-20M Hz	16QAM-16QAM	42190-4238 8	100RB#0-100RB #0	37.802	44.93	PASS



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42-4 2	20MHz-20M Hz	16QAM-16QAM	42491-4268 9	100RB#0-100RB #0	37.794	43.47	PASS
42-4 2	20MHz-20M Hz	16QAM-16QAM	42792-4299 0	100RB#0-100RB #0	37.791	42.8	PASS
42-4 2	20MHz-20M Hz	64QAM-64QAM	42190-4238 8	100RB#0-100RB #0	37.741	42.27	PASS
42-4 2	20MHz-20M Hz	64QAM-64QAM	42491-4268 9	100RB#0-100RB #0	37.889	44.4	PASS
42-4 2	20MHz-20M Hz	64QAM-64QAM	42792-4299 0	100RB#0-100RB #0	37.795	43.73	PASS
42-4 2	20MHz-20M Hz	256QAM-256QA M	42190-4238 8	100RB#0-100RB #0	37.759	42.13	PASS
42-4 2	20MHz-20M Hz	256QAM-256QA M	42491-4268 9	100RB#0-100RB #0	37.76	43.07	PASS
42-4 2	20MHz-20M Hz	256QAM-256QA M	42792-4299 0	100RB#0-100RB #0	37.754	43.87	PASS
42-4 2	20MHz-5MH z	QPSK-QPSK	42190-4230 7	100RB#0-25RB# 0	23.011	25	PASS
42-4 2	20MHz-5MH z	QPSK-QPSK	42565-4268 2	100RB#0-25RB# 0	22.995	26.58	PASS
42-4 2	20MHz-5MH z	QPSK-QPSK	42940-4305 7	100RB#0-25RB# 0	22.987	25	PASS
42-4 2	20MHz-5MH z	16QAM-16QAM	42190-4230 7	100RB#0-25RB# 0	22.966	25.58	PASS
42-4 2	20MHz-5MH z	16QAM-16QAM	42565-4268 2	100RB#0-25RB# 0	22.983	25.42	PASS
42-4 2	20MHz-5MH z	16QAM-16QAM	42940-4305 7	100RB#0-25RB# 0	23.007	24.83	PASS
42-4 2	20MHz-5MH z	64QAM-64QAM	42190-4230 7	100RB#0-25RB# 0	22.99	24.92	PASS
42-4 2	20MHz-5MH z	64QAM-64QAM	42565-4268 2	100RB#0-25RB# 0	22.99	25.08	PASS
42-4 2	20MHz-5MH z	64QAM-64QAM	42940-4305 7	100RB#0-25RB# 0	23.002	25.25	PASS
42-4 2	20MHz-5MH z	256QAM-256QA M	42190-4230 7	100RB#0-25RB# 0	22.939	25.08	PASS
42-4 2	20MHz-5MH z	256QAM-256QA M	42565-4268 2	100RB#0-25RB# 0	22.931	25	PASS



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42-4 2	20MHz-5MH z	256QAM-256QA M	42940-4305 7	100RB#0-25RB# 0	22.931	25.08	PASS
42-4 2	5MHz-20MH z	QPSK-QPSK	42123-4224 0	25RB#0-100RB# 0	22.999	25.58	PASS
42-4 2	5MHz-20MH z	QPSK-QPSK	42498-4261 5	25RB#0-100RB# 0	22.97	25.25	PASS
42-4 2	5MHz-20MH z	QPSK-QPSK	42873-4299 0	25RB#0-100RB# 0	22.951	25	PASS
42-4 2	5MHz-20MH z	16QAM-16QAM	42123-4224 0	25RB#0-100RB# 0	22.926	24.92	PASS
42-4 2	5MHz-20MH z	16QAM-16QAM	42498-4261 5	25RB#0-100RB# 0	22.867	25.5	PASS
42-4 2	5MHz-20MH z	16QAM-16QAM	42873-4299 0	25RB#0-100RB# 0	22.934	24.67	PASS
42-4 2	5MHz-20MH z	64QAM-64QAM	42123-4224 0	25RB#0-100RB# 0	22.904	25.42	PASS
42-4 2	5MHz-20MH z	64QAM-64QAM	42498-4261 5	25RB#0-100RB# 0	22.943	24.67	PASS
42-4 2	5MHz-20MH z	64QAM-64QAM	42873-4299 0	25RB#0-100RB# 0	22.888	26.08	PASS
42-4 2	5MHz-20MH z	256QAM-256QA M	42123-4224 0	25RB#0-100RB# 0	22.91	24.83	PASS
42-4 2	5MHz-20MH z	256QAM-256QA M	42498-4261 5	25RB#0-100RB# 0	22.938	25	PASS
42-4 2	5MHz-20MH z	256QAM-256QA M	42873-4299 0	25RB#0-100RB# 0	22.888	24.92	PASS



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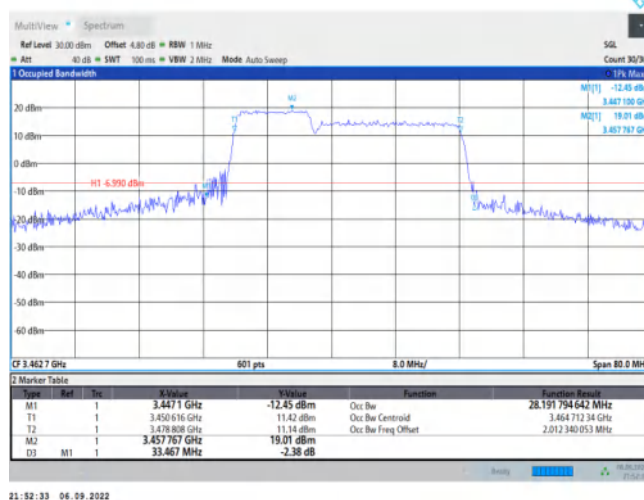
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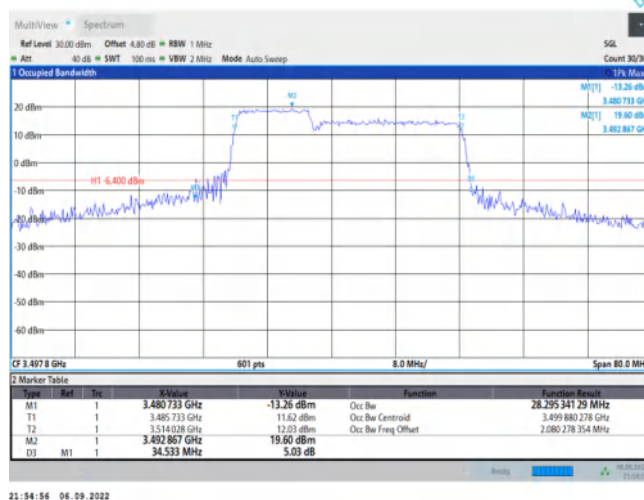
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Test Graphs

42-42-10MHz-20MHz-QPSK-QPSK-42145-42289-50RB#0-100RB#0



42-42-10MHz-20MHz-QPSK-QPSK-42496-42640-50RB#0-100RB#0



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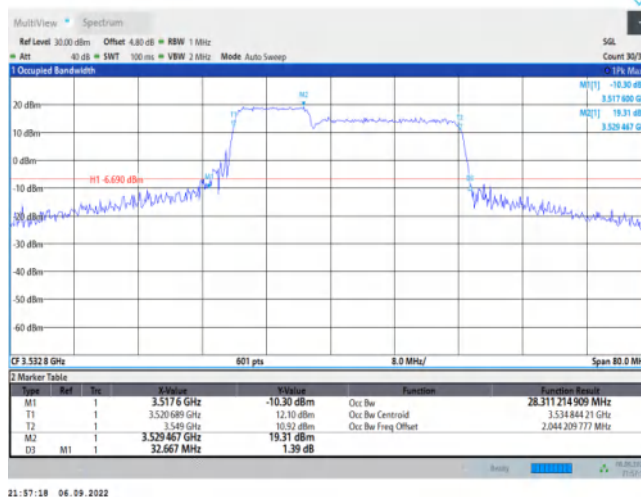
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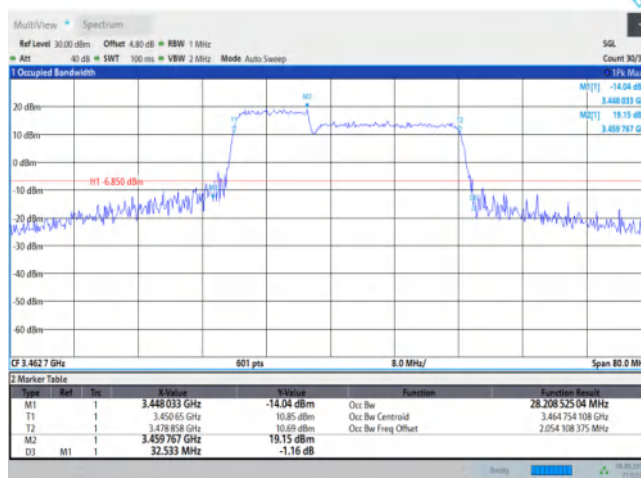
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42-42-10MHz-20MHz-16QAM-16QAM-42145-42289-50RB#0-100RB#0



21:53:05 06.09.2022



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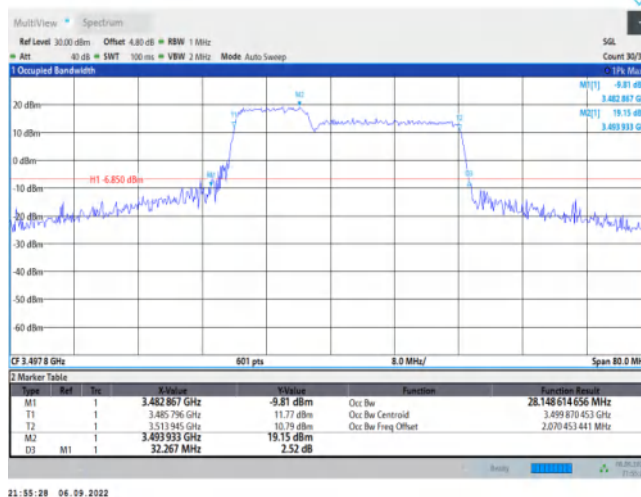
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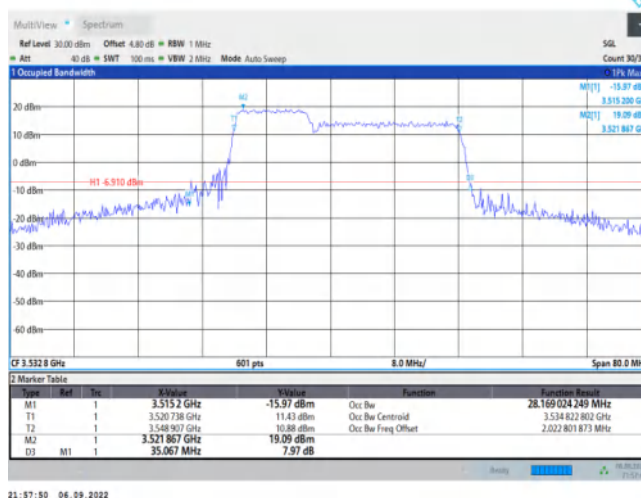
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42-42-10MHz-20MHz-16QAM-16QAM-42846-42990-50RB#0-100RB#0



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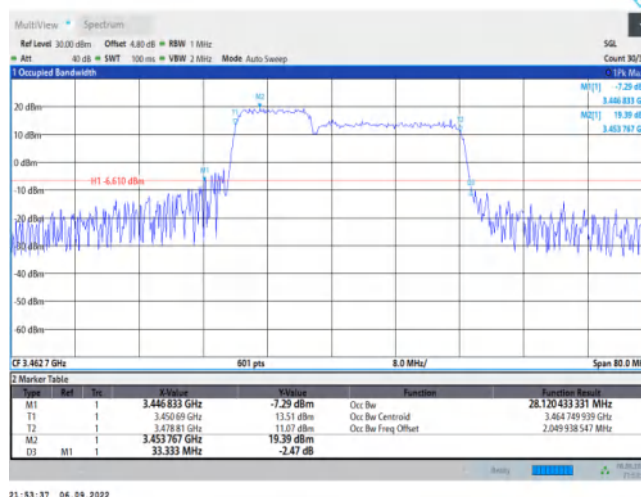
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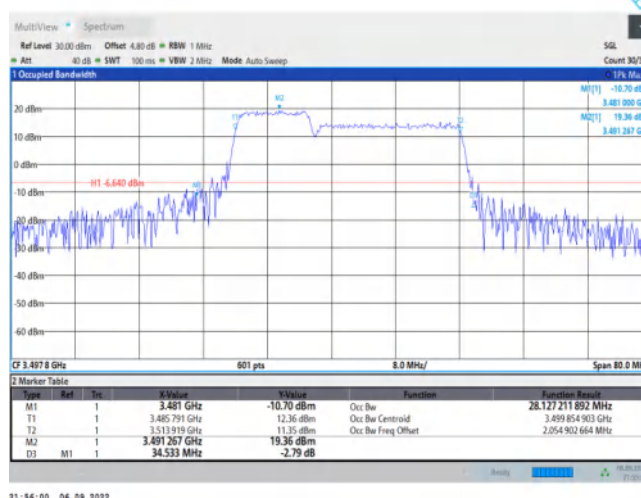
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42-42-10MHz-20MHz-64QAM-64QAM-42496-42640-50RB#0-100RB#0



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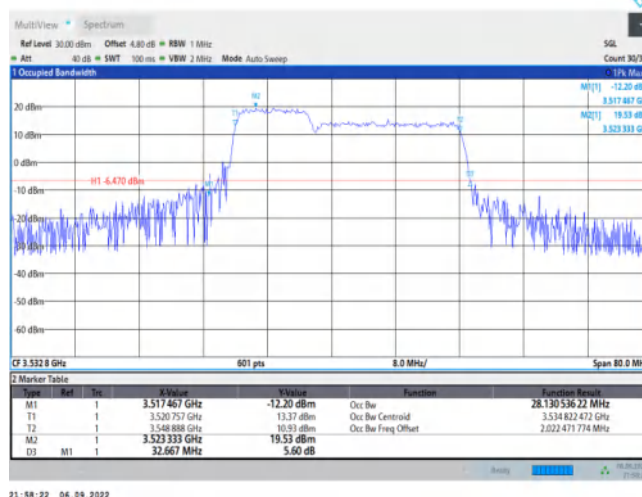
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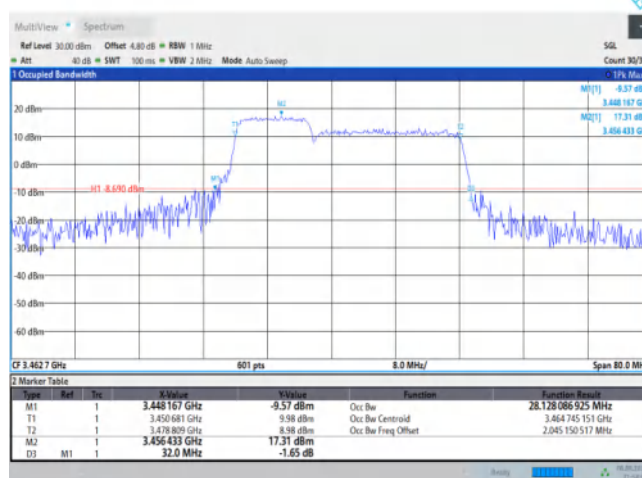
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42-42-10MHz-20MHz-256QAM-256QAM-42145-42289-50RB#0-100RB#0



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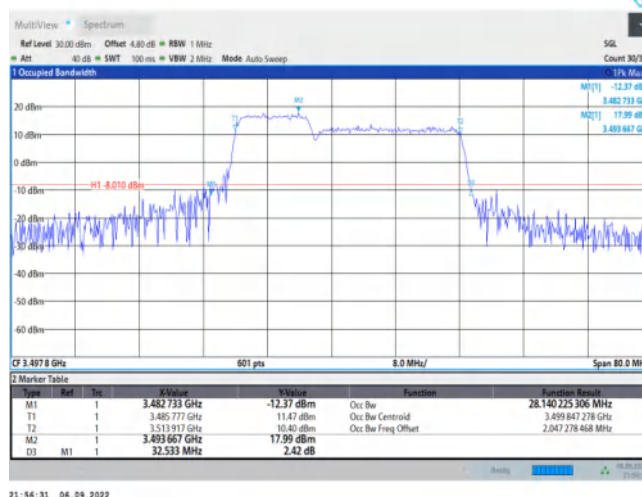
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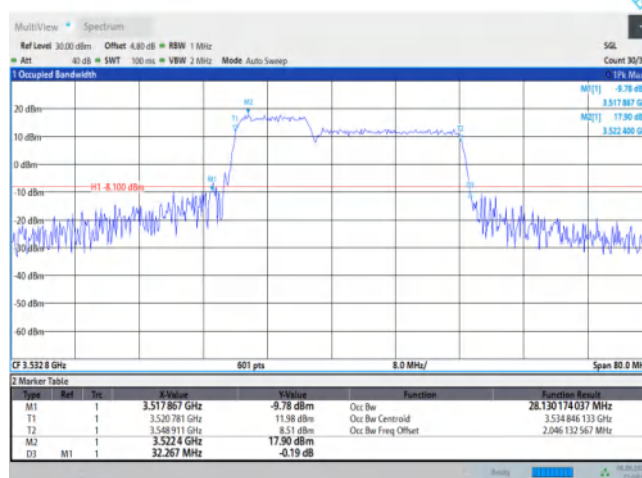
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42-42-10MHz-20MHz-256QAM-256QAM-42496-42640-50RB#0-100RB#0



21:56:31 06.09.2022

42-42-10MHz-20MHz-256QAM-256QAM-42846-42990-50RB#0-100RB#0



21:58:53 06.09.2022



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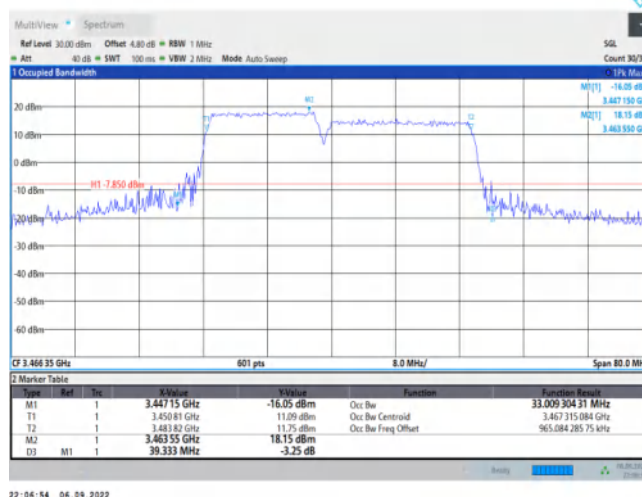
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42-42-15MHz-20MHz-QPSK-QPSK-42168-42339-75RB#0-100RB#0



22:06:54 06.09.2022

42-42-15MHz-20MHz-QPSK-QPSK-42493-42664-75RB#0-100RB#0



22:09:17 06.09.2022



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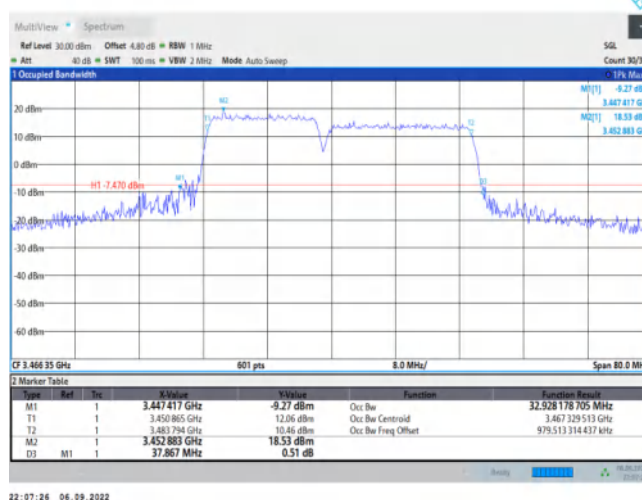
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42-42-15MHz-20MHz-16QAM-16QAM-42168-42339-75RB#0-100RB#0



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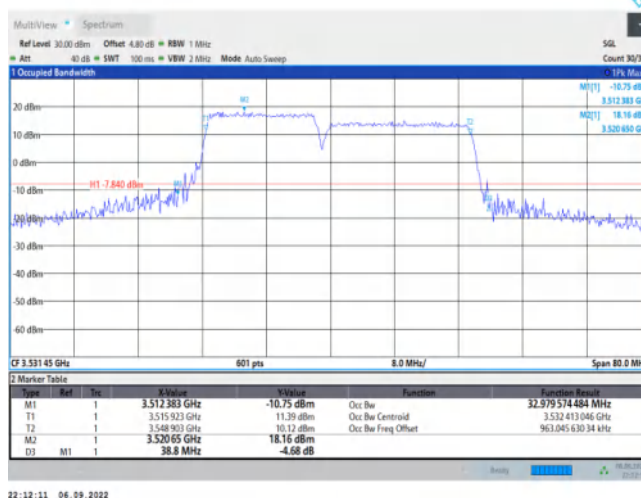
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42-42-15MHz-20MHz-16QAM-16QAM-42819-42990-75RB#0-100RB#0



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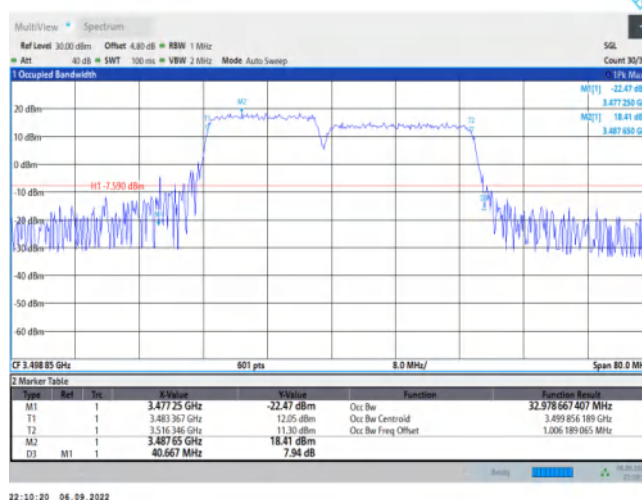
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42-42-15MHz-20MHz-64QAM-64QAM-42493-42664-75RB#0-100RB#0



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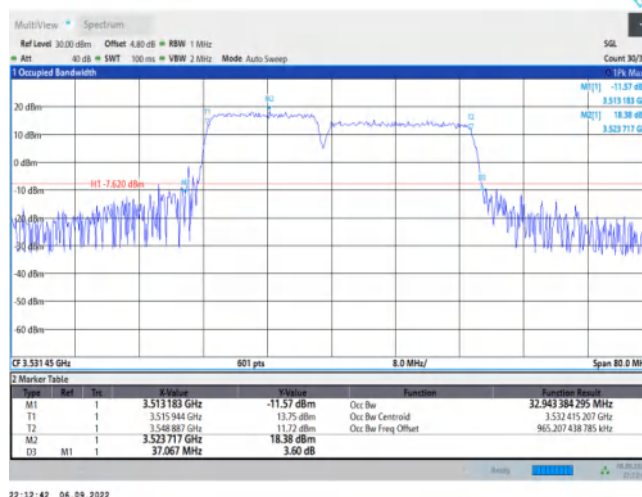
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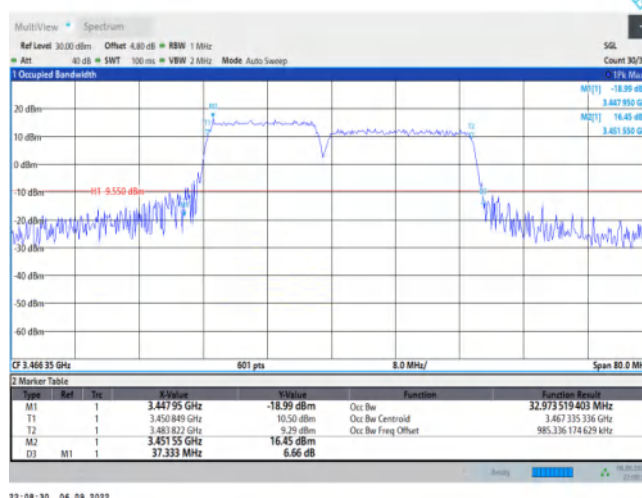
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22:12:42 06.09.2022

42-42-15MHz-20MHz-256QAM-256QAM-42168-42339-75RB#0-100RB#0



22:08:30 06.09.2022



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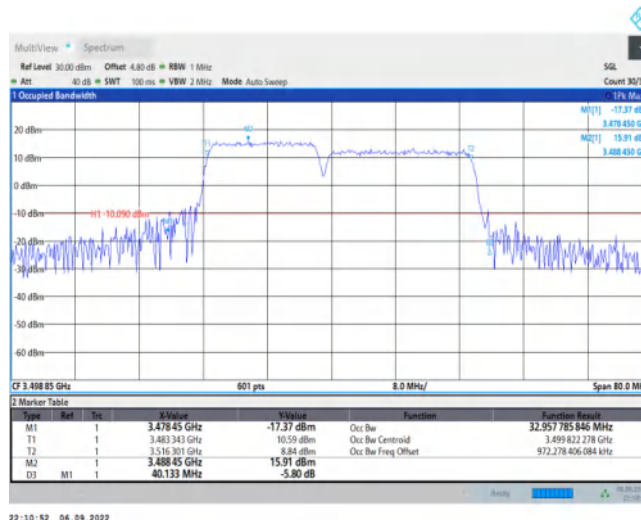
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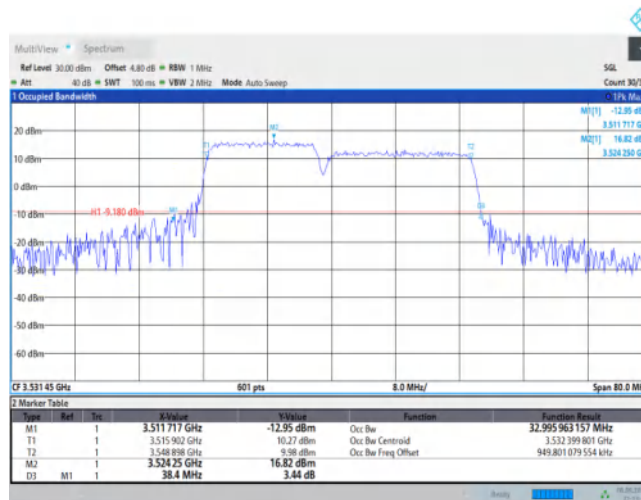
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22:10:52 06.09.2022

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22:13:14 06.09.2022



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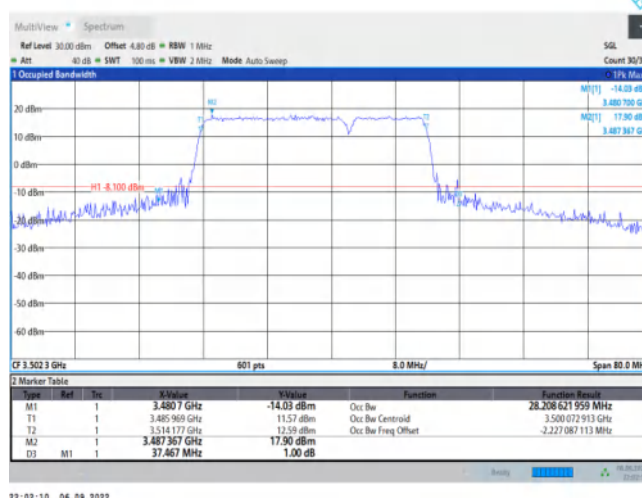
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21:59:48 06.09.2022

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22:02:10 06.09.2022



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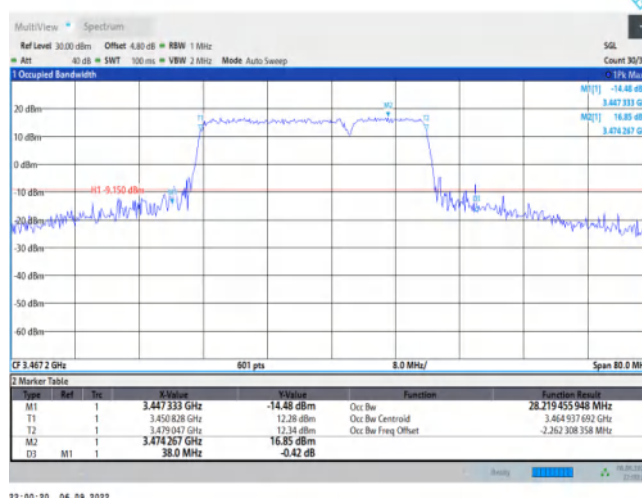
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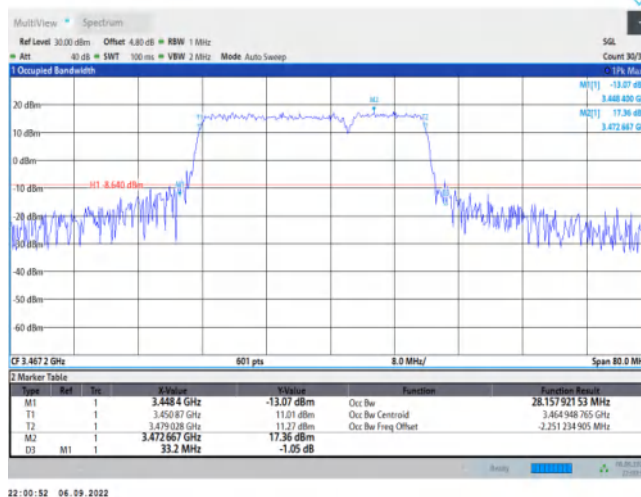
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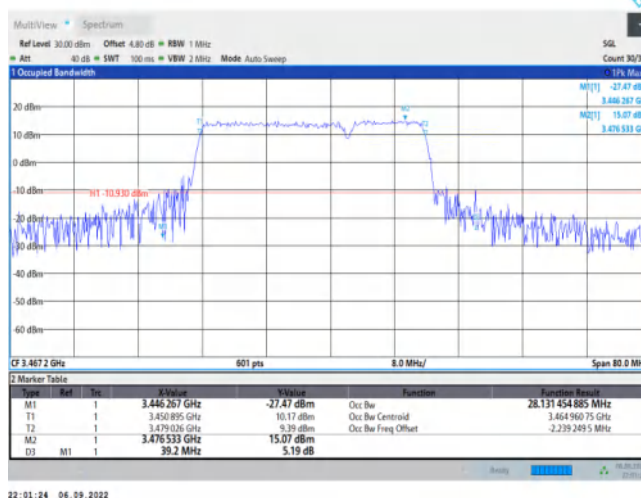
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42-42-20MHz-10MHz-256QAM-256QAM-42190-42334-100RB#0-50RB#0



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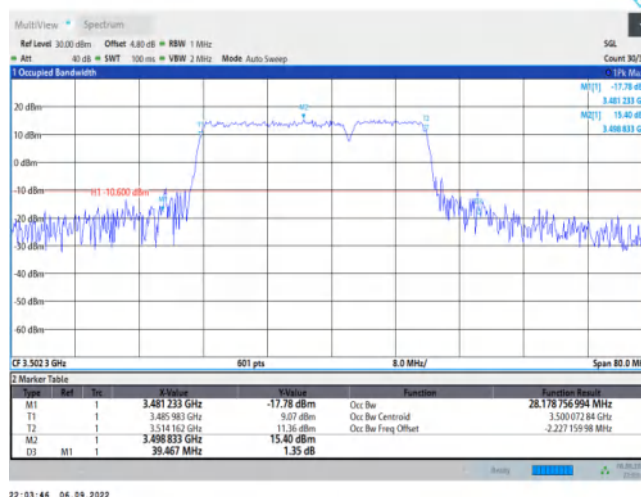
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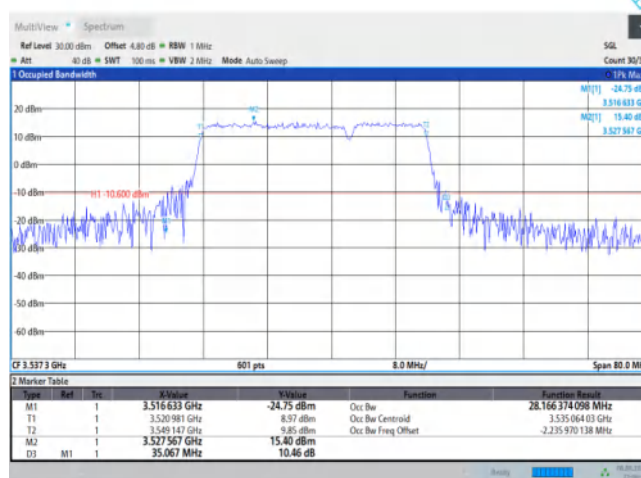
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22:03:46 06.09.2022

42-42-20MHz-10MHz-256QAM-256QAM-42891-43035-100RB#0-50RB#0



22:06:08 06.09.2022



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42-42-20MHz-15MHz-QPSK-QPSK-42516-42687-100RB#0-75RB#0



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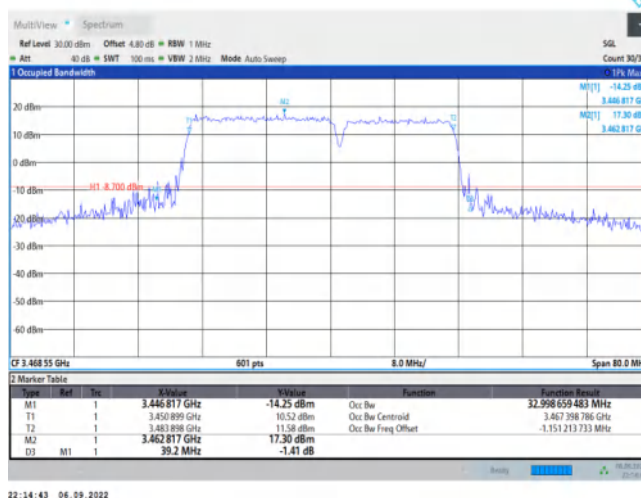
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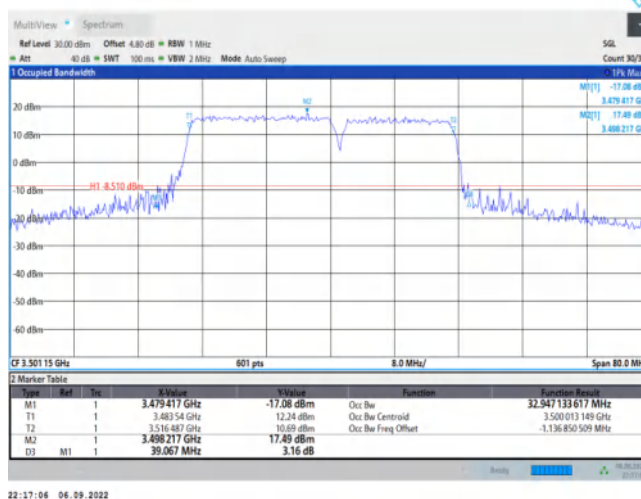
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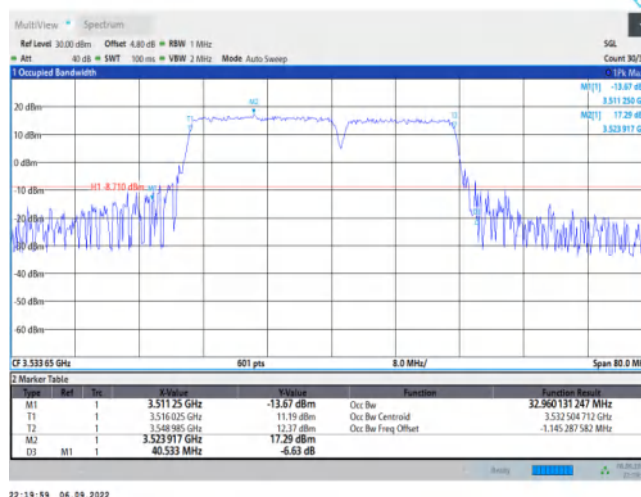
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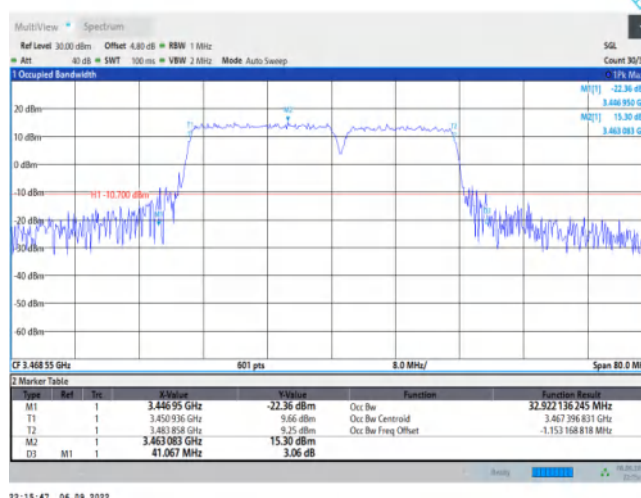
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22:19:59 06.09.2022

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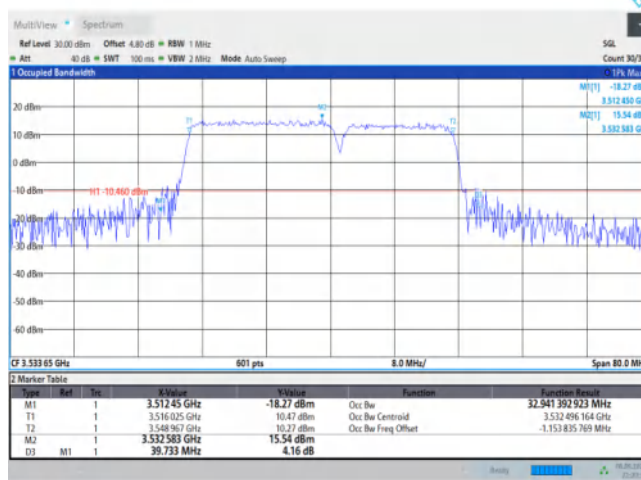
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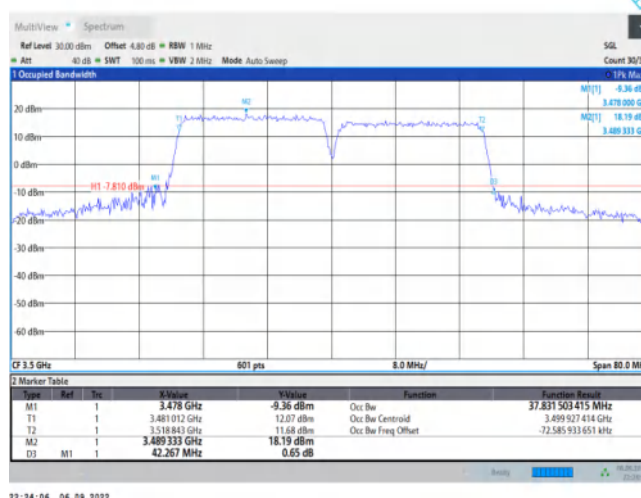
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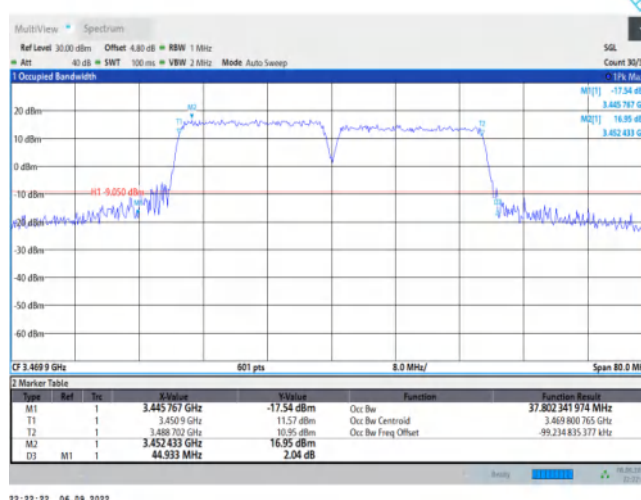
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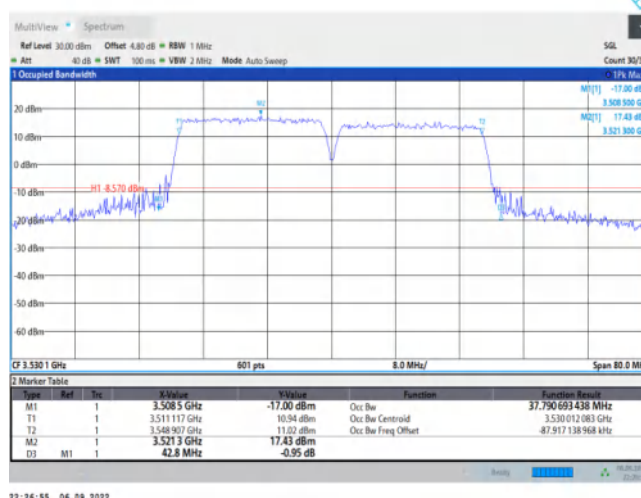
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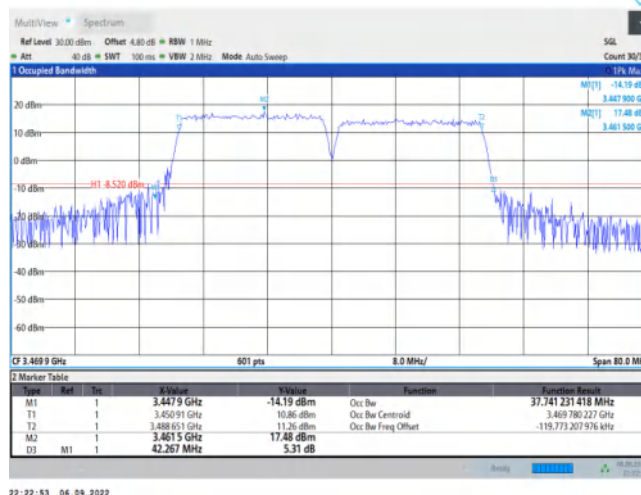
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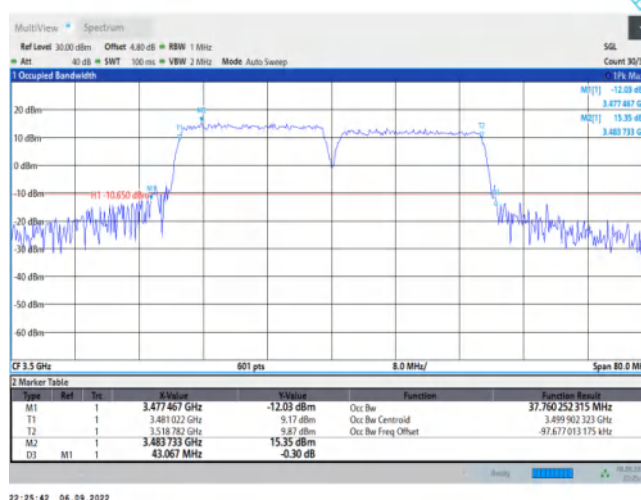
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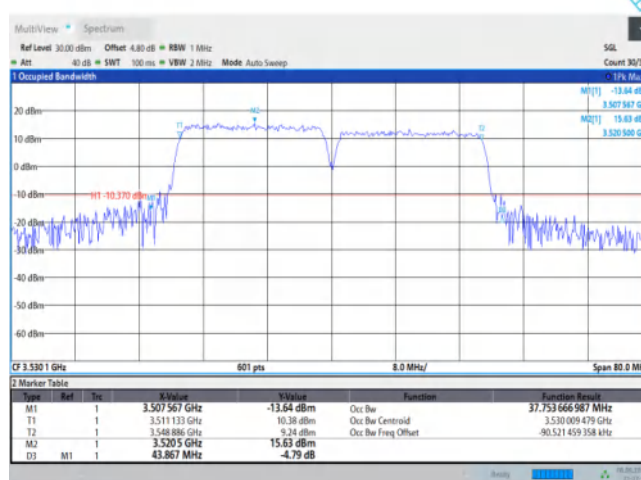
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22:25:42 06.09.2022

42-42-20MHz-20MHz-256QAM-256QAM-42792-42990-100RB#0-100RB#0



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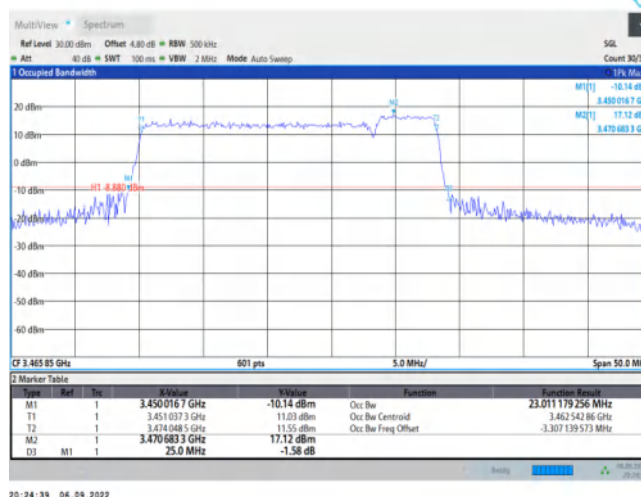
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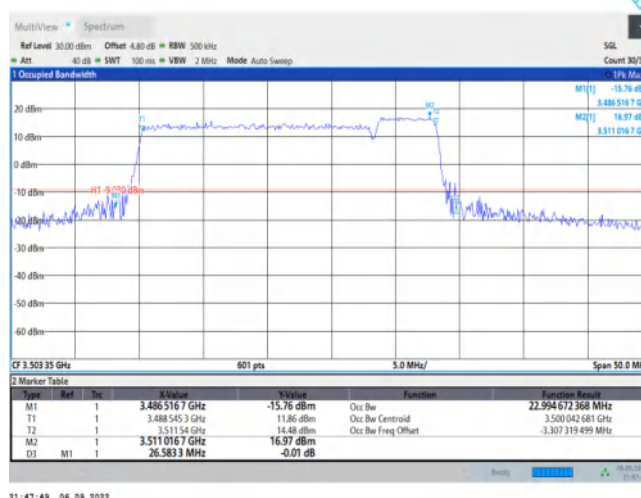
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42-42-20MHz-5MHz-QPSK-QPSK-42565-42682-100RB#0-25RB#0



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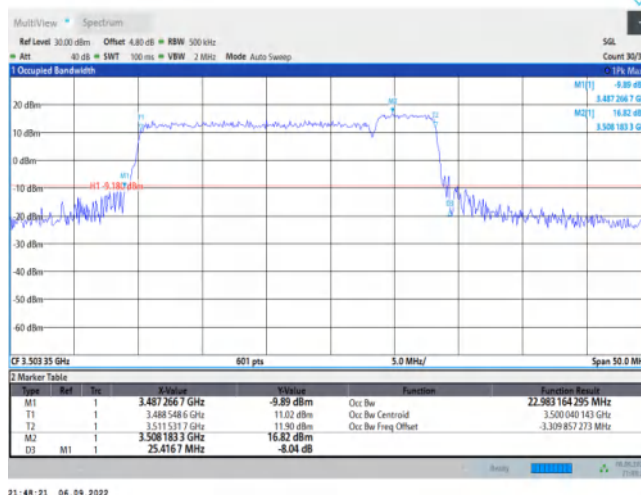
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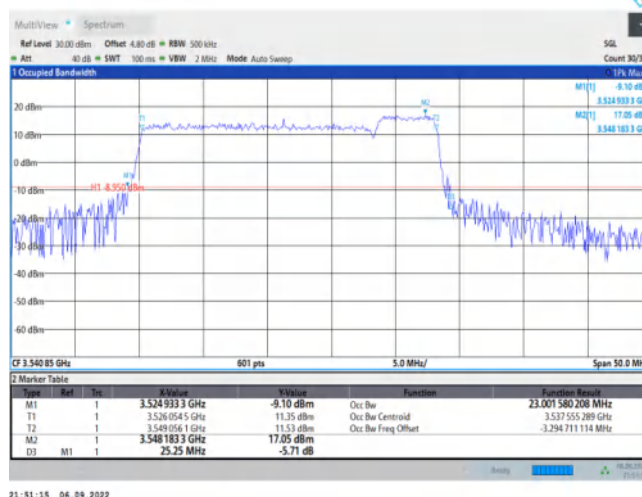
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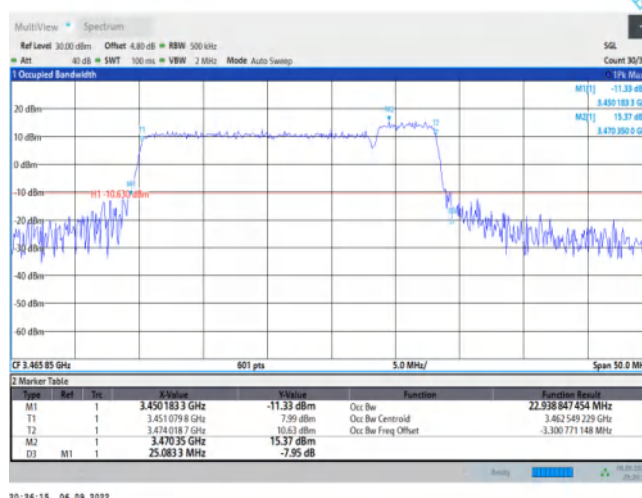
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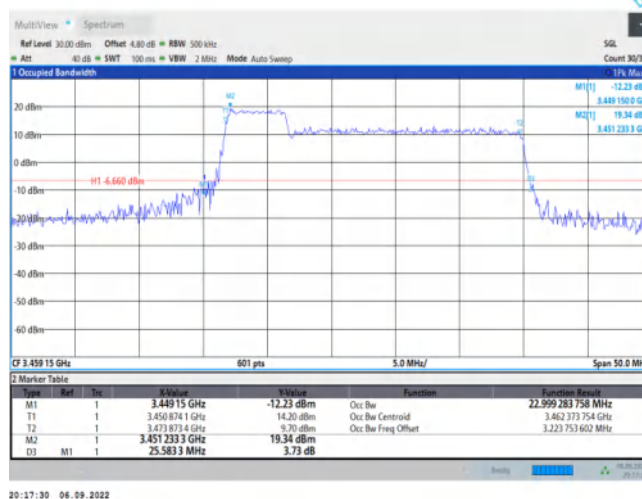
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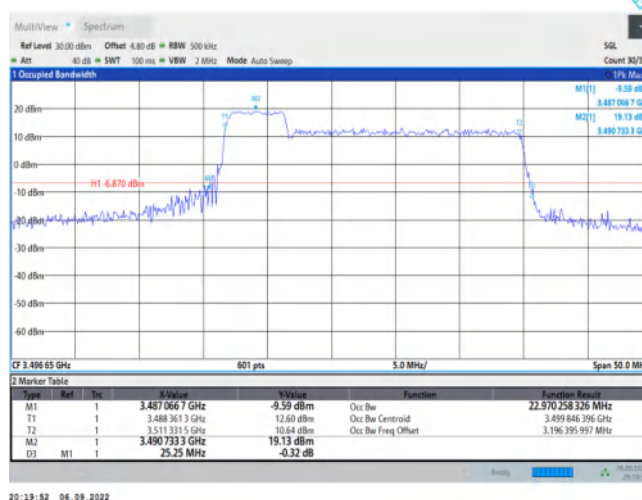
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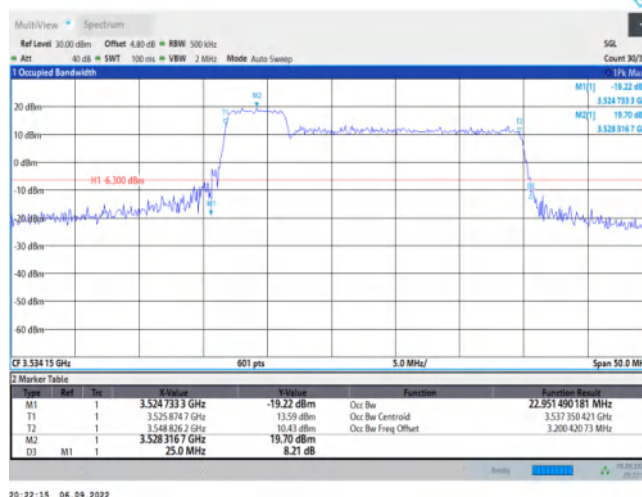
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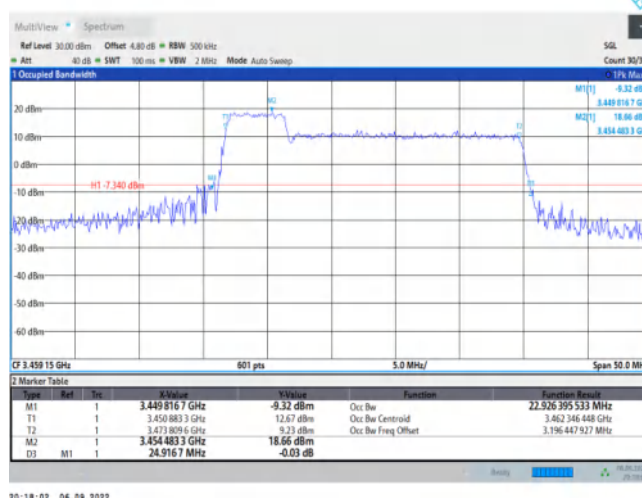
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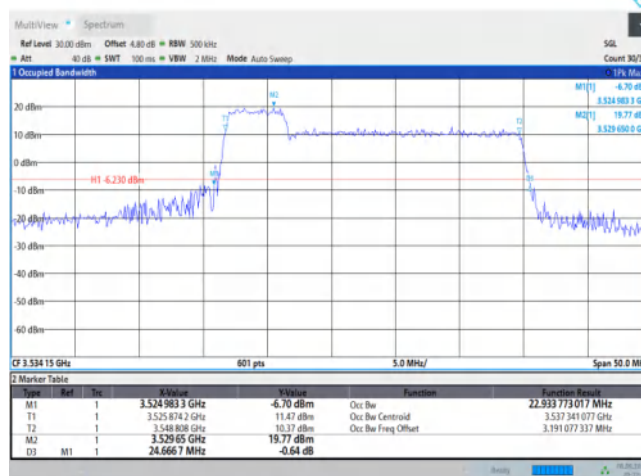
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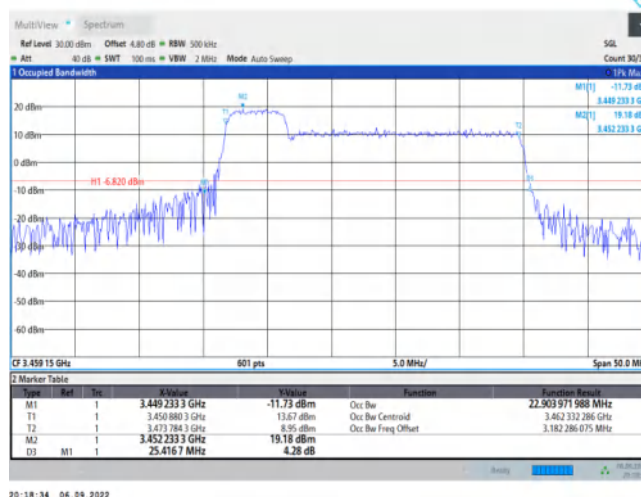
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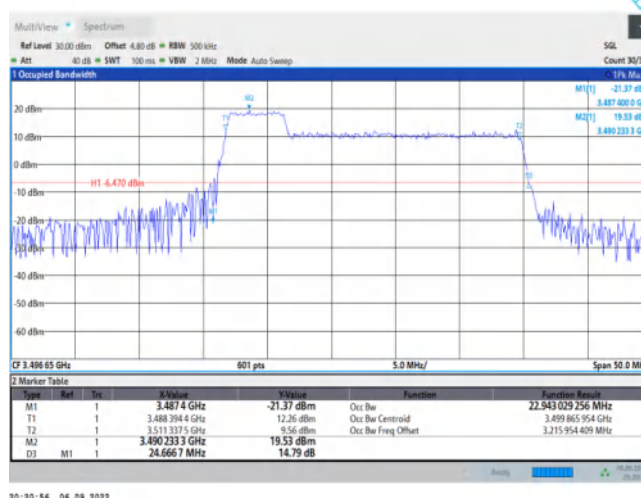
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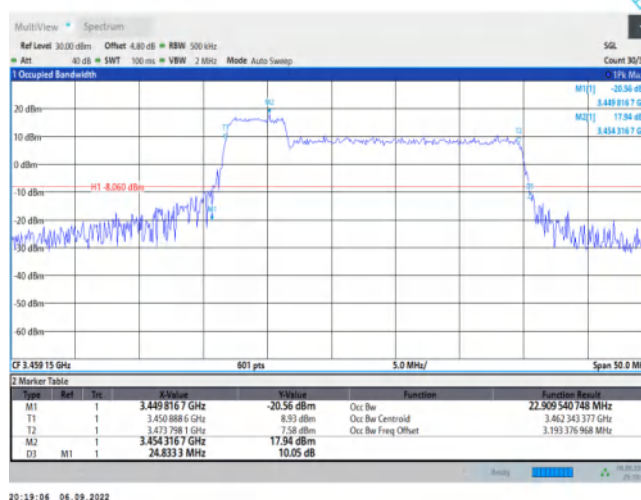
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42-42-5MHz-20MHz-64QAM-64QAM-42873-42990-25RB#0-100RB#0



42-42-5MHz-20MHz-256QAM-256QAM-42123-42240-25RB#0-100RB#0



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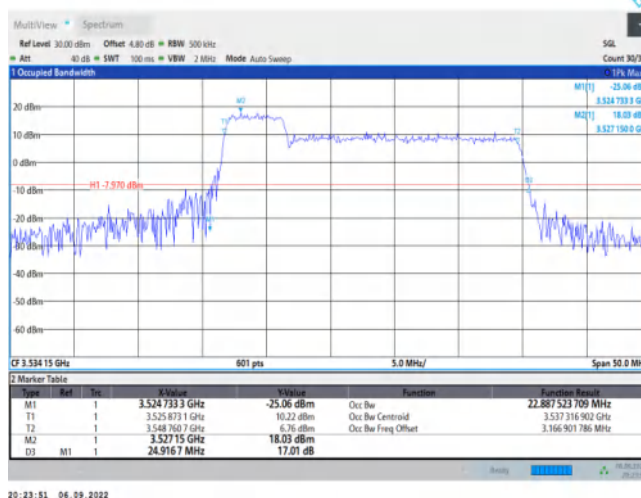
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42-42-5MHz-20MHz-256QAM-256QAM-42498-42615-25RB#0-100RB#0



42-42-5MHz-20MHz-256QAM-256QAM-42873-42990-25RB#0-100RB#0



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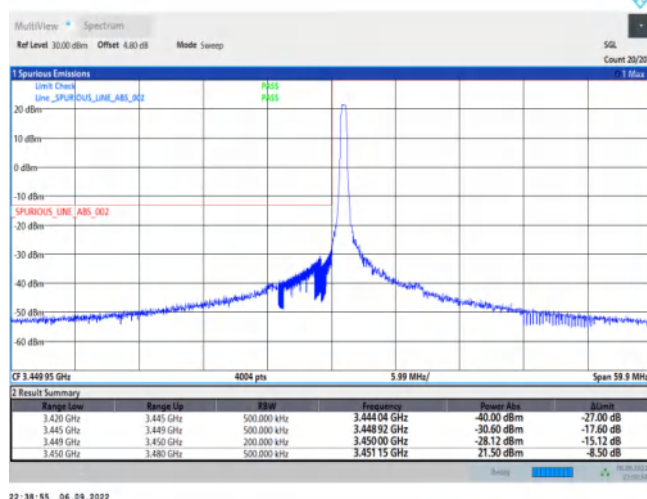
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Band Edge

Test Graphs

42-42-10MHz-20MHz-QPSK-QPSK-42145-42289-1RB#0-0RB#0



42-42-10MHz-20MHz-QPSK-QPSK-42145-42289-50RB#0-100RB#0



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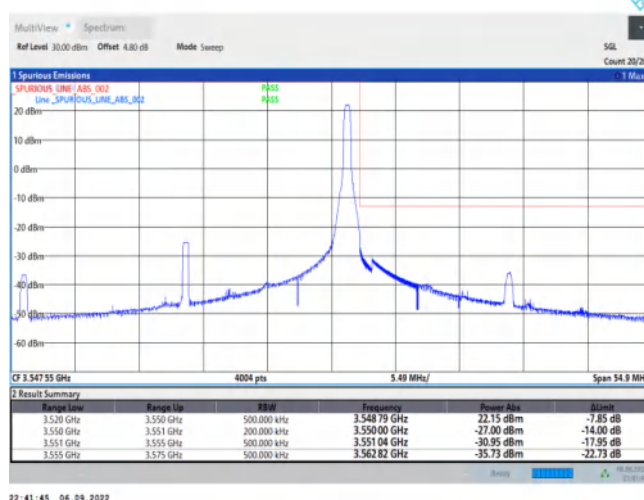
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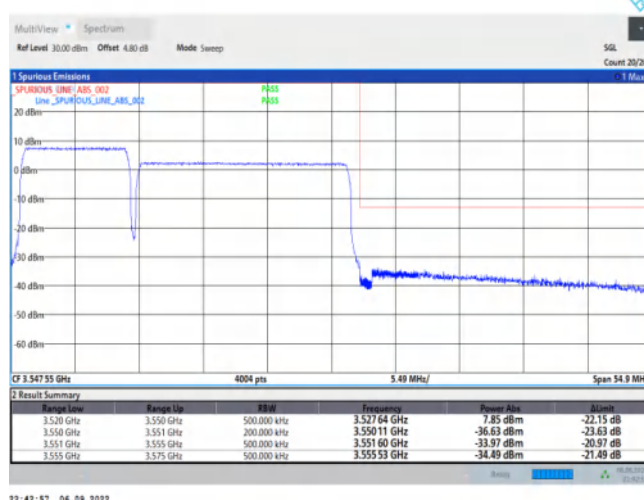
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42-42-10MHz-20MHz-QPSK-QPSK-42846-42990-0RB#0-1RB#99



42-42-10MHz-20MHz-QPSK-QPSK-42846-42990-50RB#0-100RB#0



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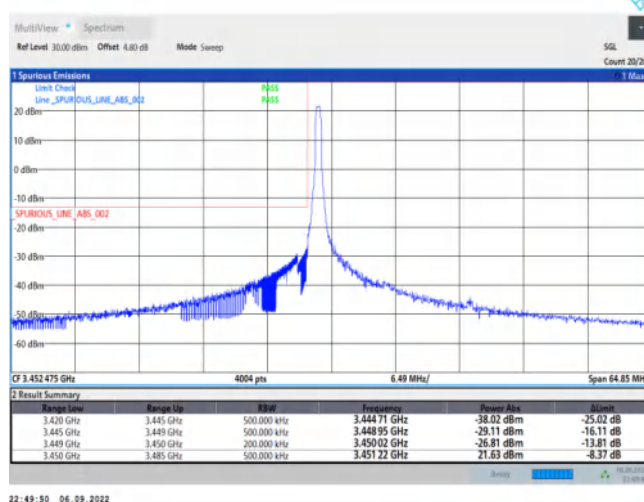
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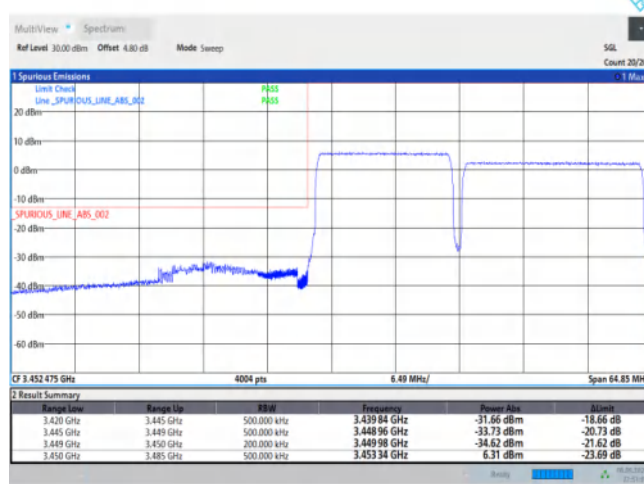
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42-42-15MHz-20MHz-QPSK-QPSK-42168-42339-1RB#0-0RB#0



22:49:50 06.09.2022

42-42-15MHz-20MHz-QPSK-QPSK-42168-42339-75RB#0-100RB#0



22:51:02 06.09.2022



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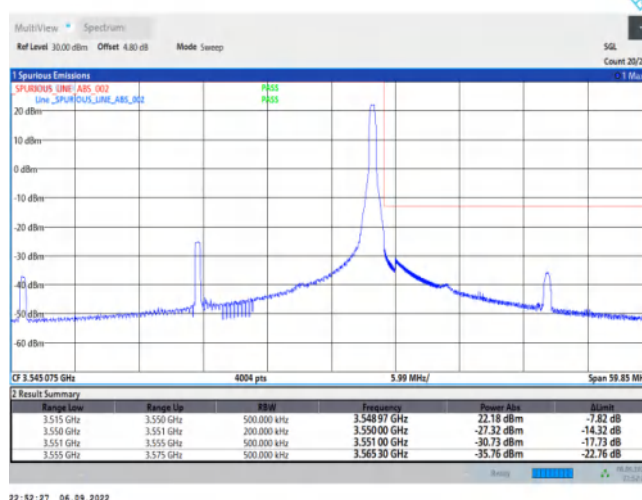
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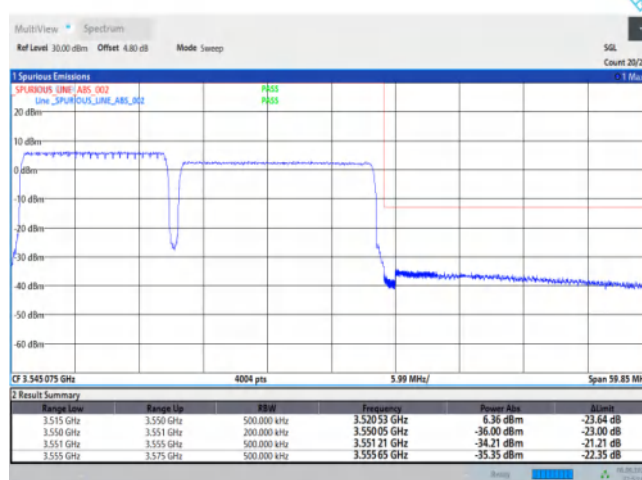
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42-42-15MHz-20MHz-QPSK-QPSK-42819-42990-0RB#0-1RB#99



22:52:27 06.09.2022

42-42-15MHz-20MHz-QPSK-QPSK-42819-42990-75RB#0-100RB#0



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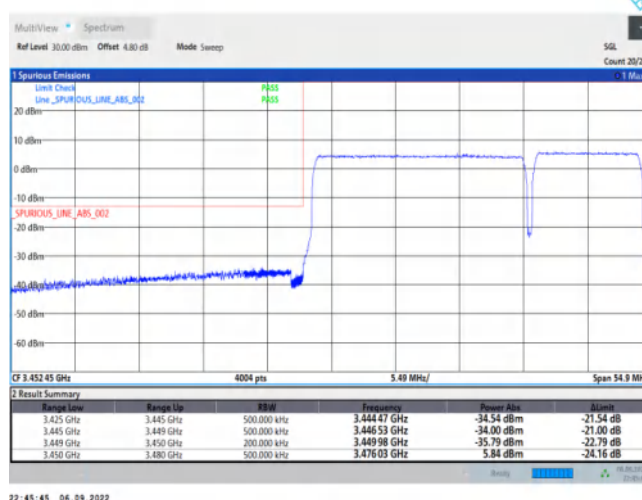
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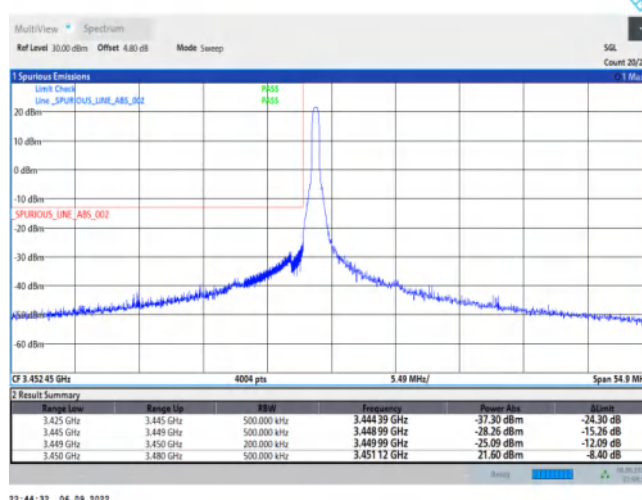
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42-42-20MHz-10MHz-QPSK-QPSK-42190-42334-1RB#0-0RB#0



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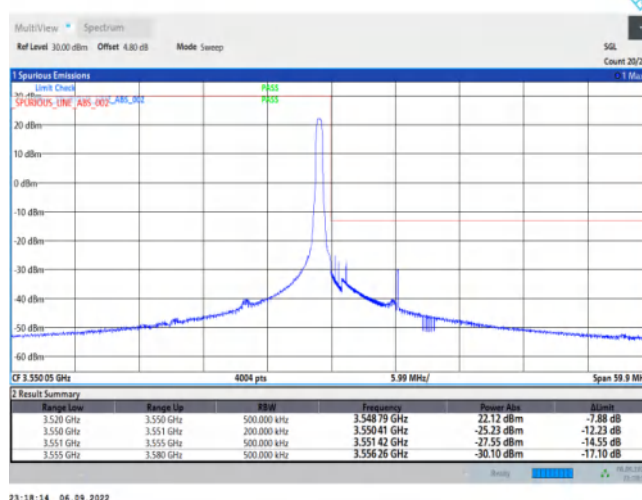
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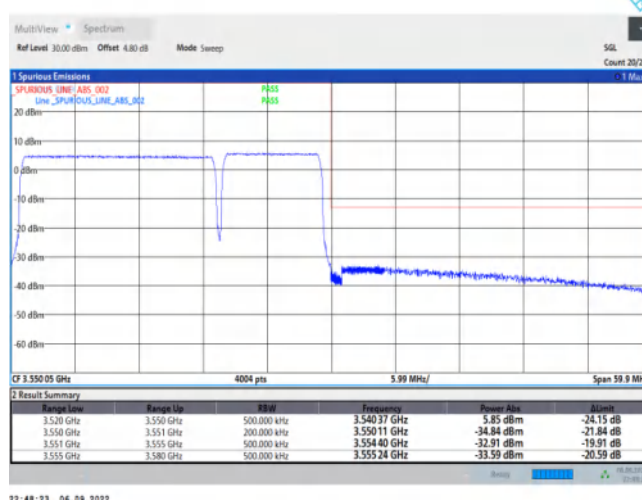
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42-42-20MHz-10MHz-QPSK-QPSK-42891-43035-0RB#0-1RB#49



42-42-20MHz-10MHz-QPSK-QPSK-42891-43035-100RB#0-50RB#0



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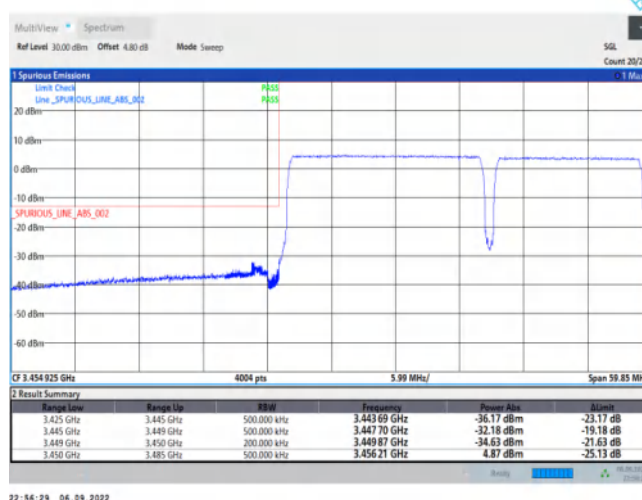
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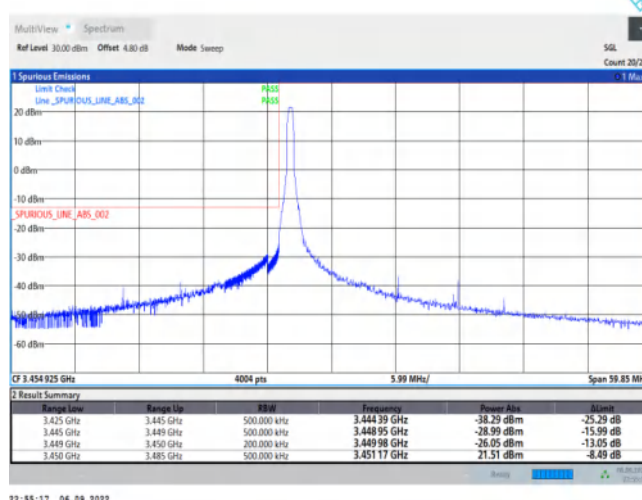
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42-42-20MHz-15MHz-QPSK-QPSK-42190-42361-100RB#0-75RB#0



42-42-20MHz-15MHz-QPSK-QPSK-42190-42361-1RB#0-0RB#0



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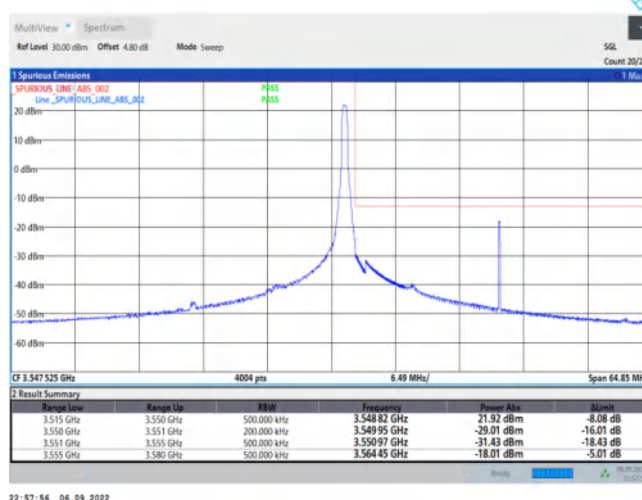
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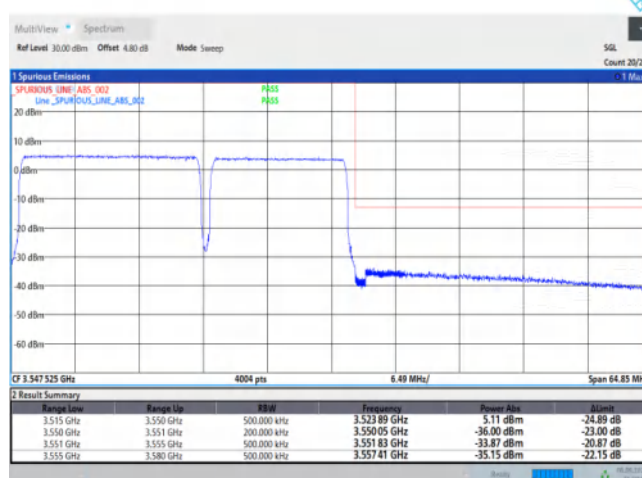
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42-42-20MHz-15MHz-QPSK-QPSK-42841-43012-100RB#0-75RB#0



22:59:09 06.09.2022



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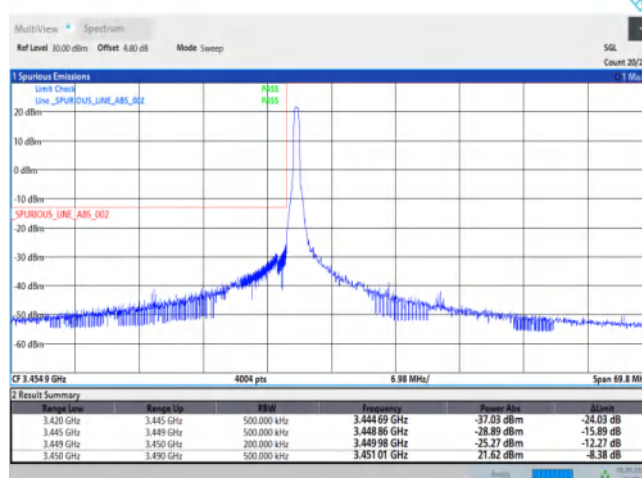
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42-42-20MHz-20MHz-QPSK-QPSK-42190-42388-1RB#0-0RB#0



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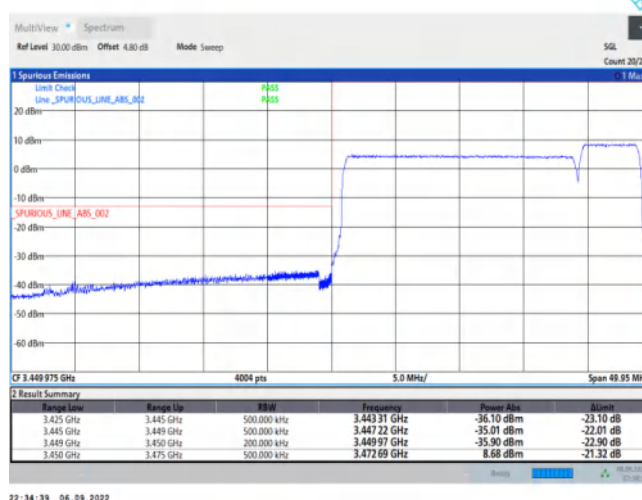
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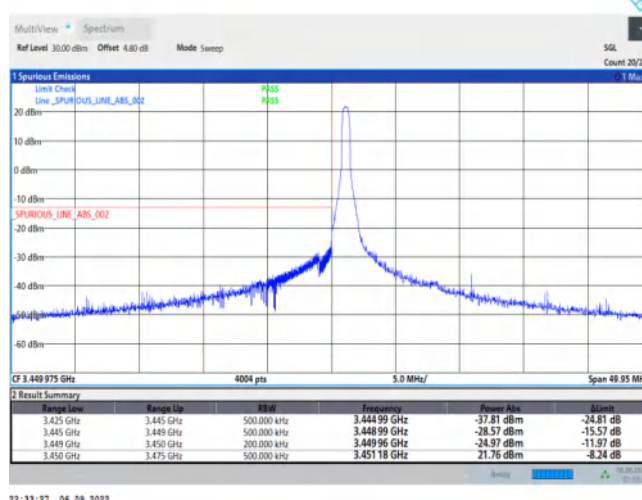
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42-42-20MHz-5MHz-QPSK-QPSK-42190-42307-100RB#0-25RB#0



42-42-20MHz-5MHz-QPSK-QPSK-42190-42307-1RB#0-0RB#0



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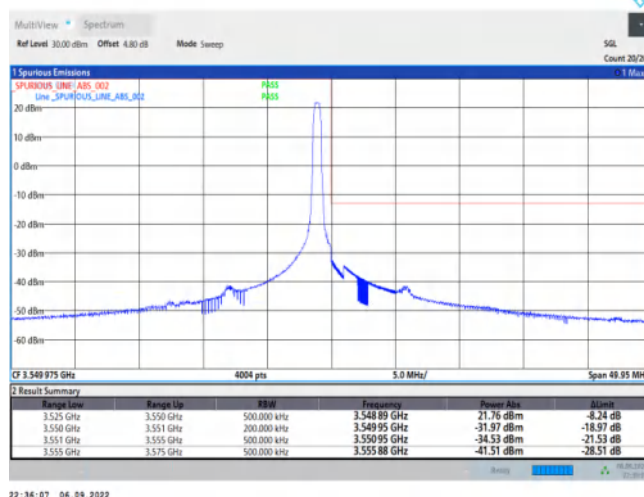
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42-42-20MHz-5MHz-QPSK-QPSK-42940-43057-0RB#0-1RB#24



42-42-20MHz-5MHz-QPSK-QPSK-42940-43057-100RB#0-25RB#0



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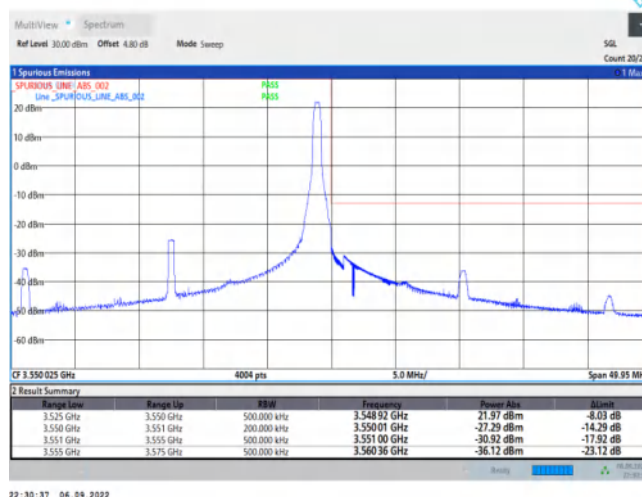
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42-42-5MHz-20MHz-QPSK-QPSK-42873-42990-0RB#0-1RB#99



22:30:37 06.09.2022

42-42-5MHz-20MHz-QPSK-QPSK-42873-42990-25RB#0-100RB#0



22:31:50 06.09.2022



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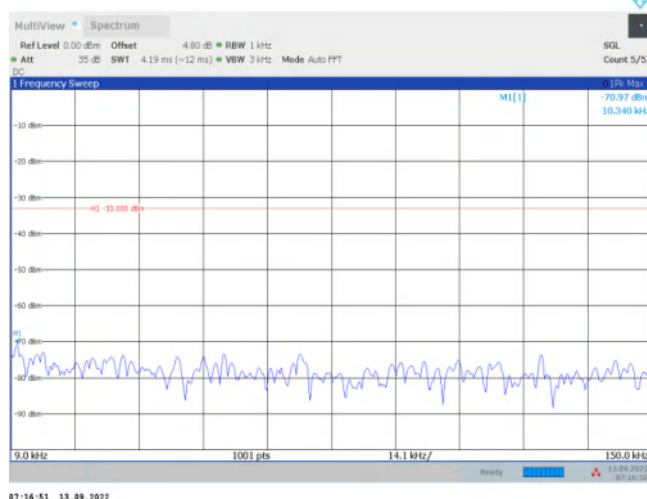
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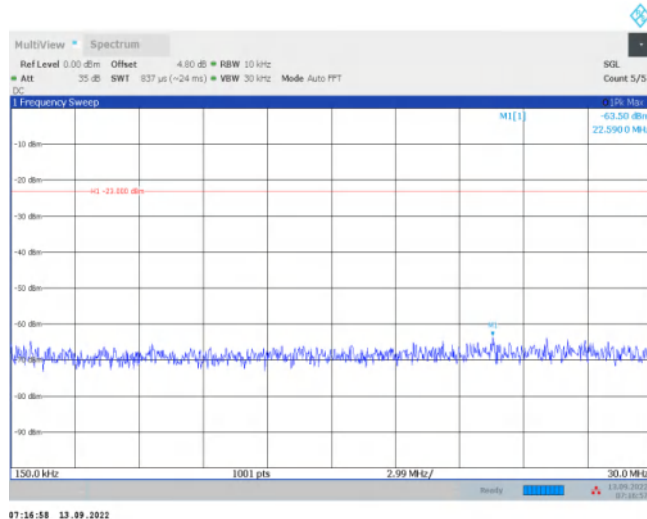
Conducted Spurious Emission

Test Graphs

42-42-20MHz-20MHz-QPSK-QPSK-42190-42388-1RB#0-0RB#0-0.009~0.15MHz



42-42-20MHz-20MHz-QPSK-QPSK-42190-42388-1RB#0-0RB#0-0.15~30MHz



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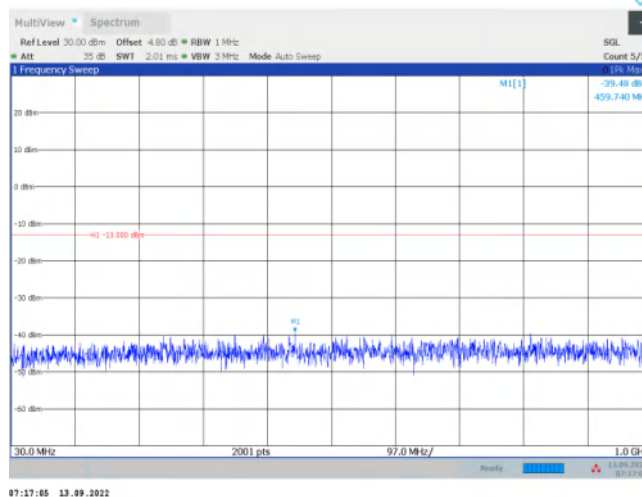
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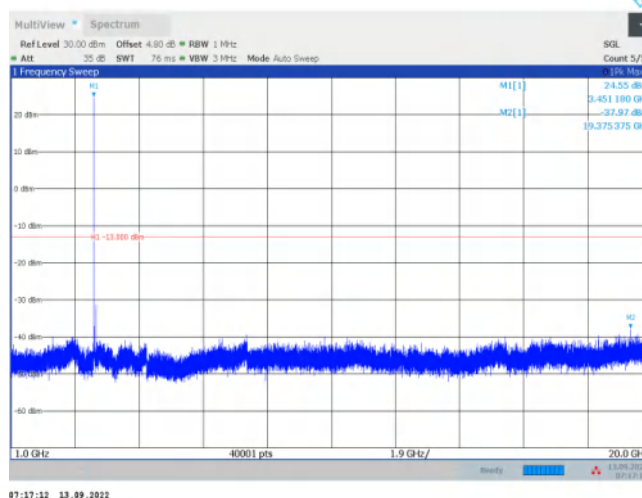
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42-42-20MHz-20MHz-QPSK-QPSK-42190-42388-1RB#0-0RB#0-1000~20000MHz



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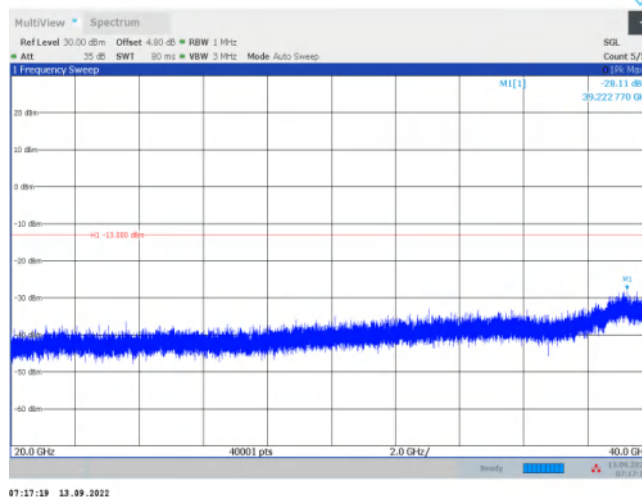
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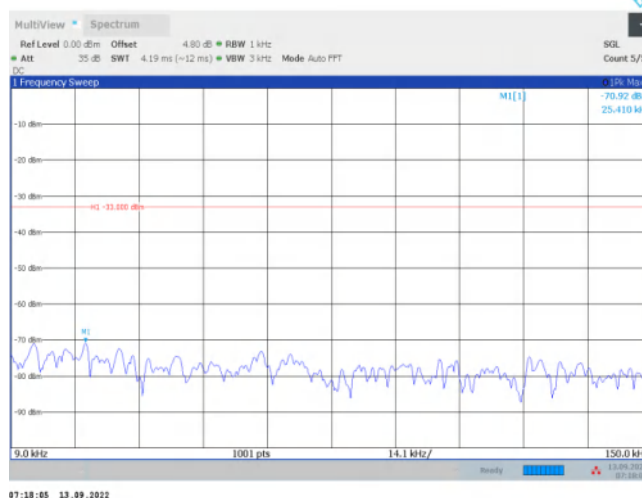
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42-42-20MHz-20MHz-QPSK-QPSK-42190-42388-1RB#0-0RB#0-20000~40000MHz



42-42-20MHz-20MHz-QPSK-QPSK-42491-42689-1RB#0-0RB#0-0.009~0.15MHz



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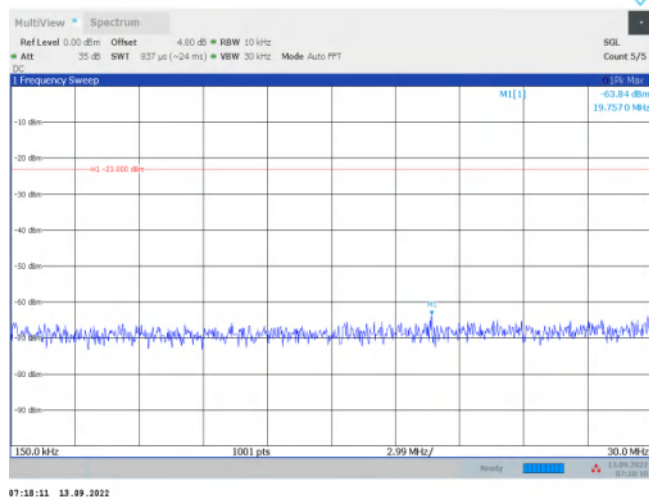
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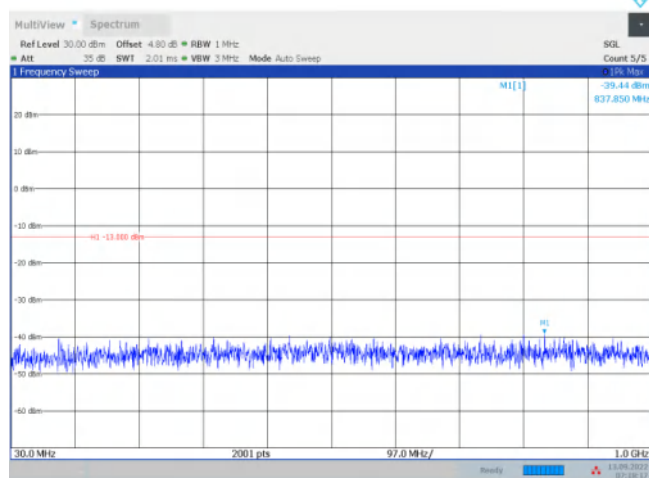
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42-42-20MHz-20MHz-QPSK-QPSK-42491-42689-1RB#0-0RB#0-0.15~30MHz



07:18:11 13.09.2022

42-42-20MHz-20MHz-QPSK-QPSK-42491-42689-1RB#0-0RB#0-30~1000MHz



07:18:18 13.09.2022



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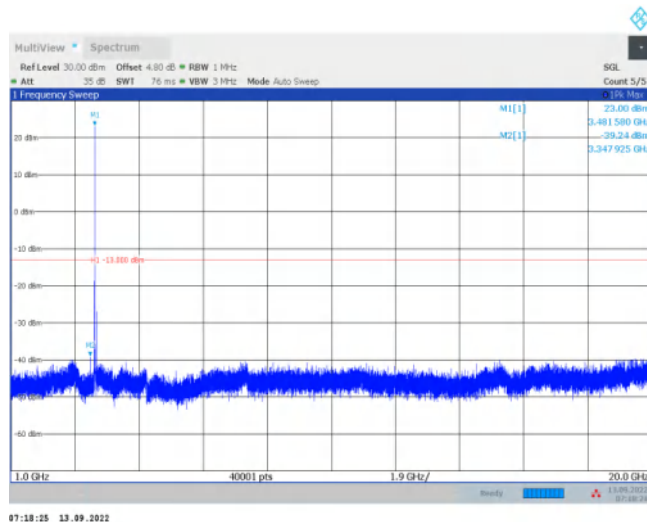
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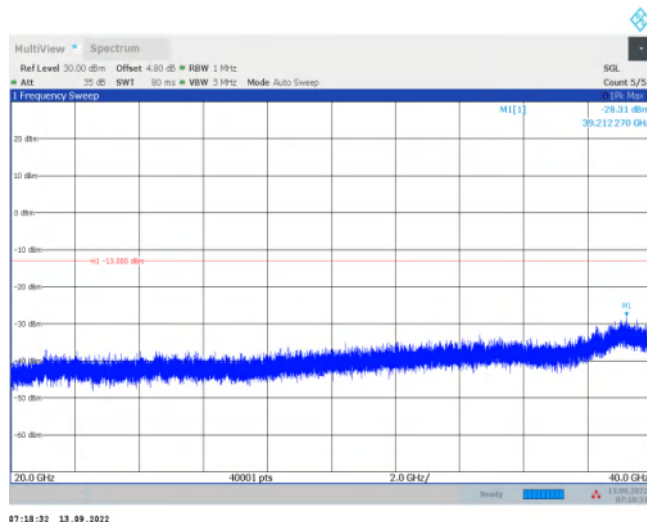
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42-42-20MHz-20MHz-QPSK-QPSK-42491-42689-1RB#0-0RB#0-1000~20000MHz



42-42-20MHz-20MHz-QPSK-QPSK-42491-42689-1RB#0-0RB#0-20000~40000MHz



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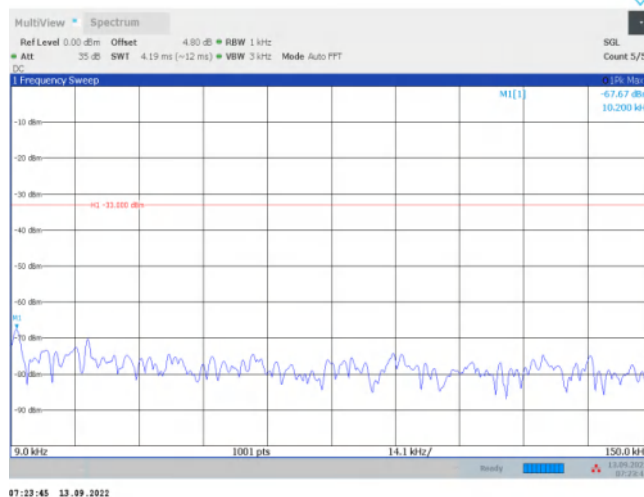
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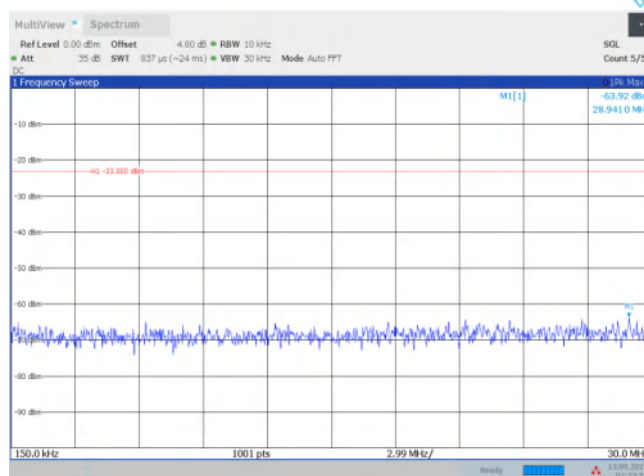
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42-42-20MHz-20MHz-QPSK-QPSK-42792-42990-1RB#0-0RB#0-0.009~0.15MHz



07:23:45 13.09.2022

42-42-20MHz-20MHz-QPSK-QPSK-42792-42990-1RB#0-0RB#0-0.15~30MHz



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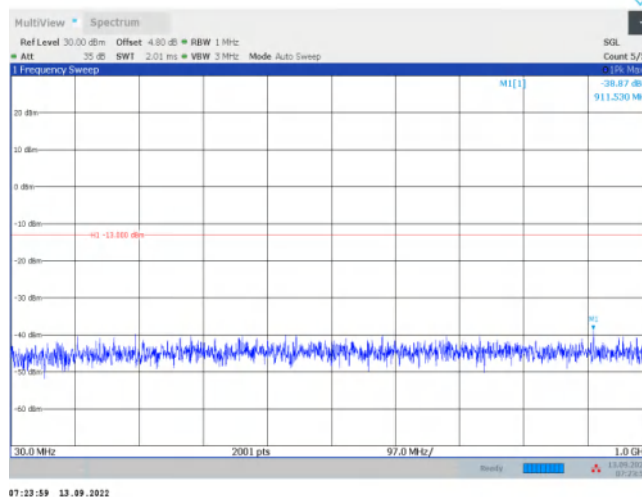
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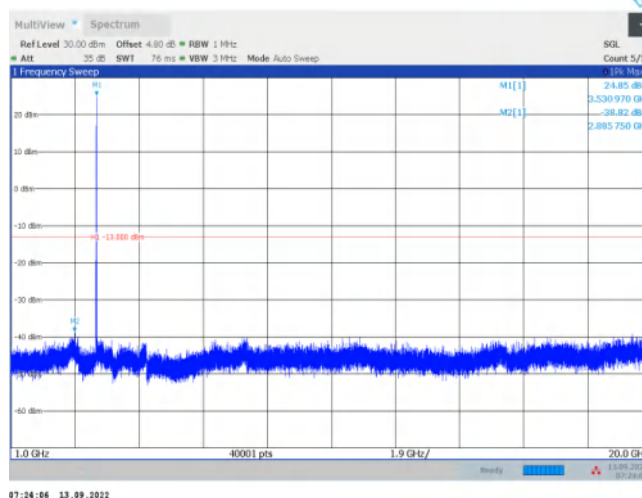
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42-42-20MHz-20MHz-QPSK-QPSK-42792-42990-1RB#0-0RB#0-30~1000MHz



42-42-20MHz-20MHz-QPSK-QPSK-42792-42990-1RB#0-0RB#0-1000~20000MHz



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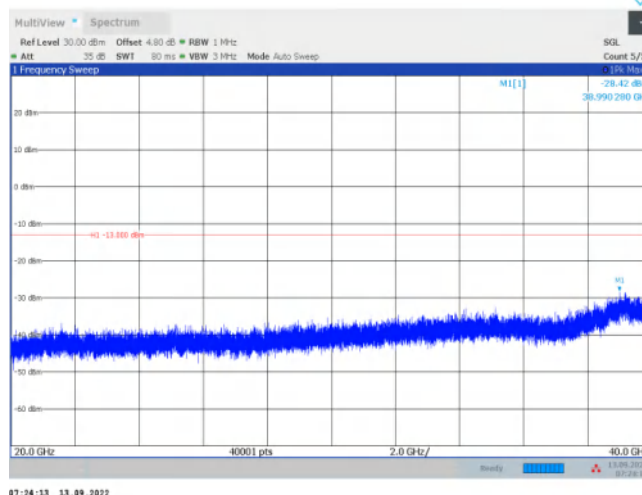
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07:24:13 13.09.2022



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Field Strength of Spurious Radiation

Test Band = LTE Band 42_CA_TM1

Test Channel = Low 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1276.75	38.22	-24.76	25.60	-56.20	-13.00	43.20	165	42	Horizontal
2	2393.125	37.66	-23.57	27.44	-53.73	-13.00	40.73	216	114	Horizontal
3	6902.1800	46.23	-43.85	35.96	-56.92	-13.00	43.92	223	130	Horizontal
4	10353.2700	37.49	-39.07	38.85	-58.00	-13.00	45.00	179	231	Horizontal
5	13804.3600	34.25	-36.14	39.96	-57.18	-13.00	44.18	174	80	Horizontal
6	17255.4500	35.52	-35.27	38.68	-56.33	-13.00	43.33	158	197	Horizontal

Test Band = LTE Band 42_CA_TM1

Test Channel = Low 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1075.75	38.53	-24.86	25.45	-56.13	-13.00	43.13	163	201	Vertical
2	2191.375	37.53	-24.10	27.31	-54.52	-13.00	41.52	158	357	Vertical
3	6902.1800	45.90	-43.85	35.96	-57.25	-13.00	44.25	197	296	Vertical
4	10353.2700	37.88	-39.07	38.85	-57.61	-13.00	44.61	216	132	Vertical
5	13804.3600	35.07	-36.14	39.96	-56.36	-13.00	43.36	224	196	Vertical
6	17255.4500	35.93	-35.27	38.68	-55.92	-13.00	42.92	158	179	Vertical



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Test Band = LTE Band 42_CA_TM1

Test Channel = Mid 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1339.375	38.37	-24.86	25.61	-56.14	-13.00	43.14	139	350	Horizontal
2	2681.125	36.59	-22.85	28.25	-53.26	-13.00	40.26	215	6	Horizontal
3	6982.1800	46.72	-43.32	36.06	-55.81	-13.00	42.81	146	164	Horizontal
4	10473.2700	37.25	-38.72	38.93	-57.80	-13.00	44.80	271	329	Horizontal
5	13964.3600	32.13	-35.74	40.11	-58.76	-13.00	45.76	158	48	Horizontal
6	17455.4500	33.77	-35.00	39.05	-57.45	-13.00	44.45	235	147	Horizontal

Test Band = LTE Band 42_CA_TM1

Test Channel = Mid 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1422.25	38.28	-25.22	25.59	-56.61	-13.00	43.61	163	325	Vertical
2	2655.25	36.55	-22.84	28.20	-53.35	-13.00	40.35	215	128	Vertical
3	6982.1800	46.59	-43.32	36.06	-55.94	-13.00	42.94	147	360	Vertical
4	10473.2700	37.40	-38.72	38.93	-57.65	-13.00	44.65	246	360	Vertical
5	13964.3600	33.67	-35.74	40.11	-57.22	-13.00	44.22	255	358	Vertical
6	17455.4500	33.40	-35.00	39.05	-57.82	-13.00	44.82	156	164	Vertical



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Test Band = LTE Band 42_CA_TM1**Test Channel = High 3450-3550**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1901.875	38.21	-24.54	26.05	-55.54	-13.00	42.54	169	186	Horizontal
2	2638.375	36.56	-22.84	28.17	-53.36	-13.00	40.36	214	0	Horizontal
3	7062.1800	46.06	-43.75	36.24	-56.71	-13.00	43.71	251	360	Horizontal
4	10593.2700	37.14	-38.68	39.05	-57.75	-13.00	44.75	163	360	Horizontal
5	14124.3600	30.75	-35.49	40.20	-59.81	-13.00	46.81	176	197	Horizontal
6	17655.4500	32.97	-33.30	39.89	-55.70	-13.00	42.70	184	359	Horizontal

Test Band = LTE Band 42_CA_TM1**Test Channel = High 3450-3550**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1136.5	38.01	-25.17	25.52	-56.90	-13.00	43.90	132	356	Vertical
2	2420.5	37.68	-23.56	27.51	-53.64	-13.00	40.64	142	105	Vertical
3	7062.1800	47.44	-43.75	36.24	-55.33	-13.00	42.33	156	32	Vertical
4	10593.2700	37.10	-38.68	39.05	-57.79	-13.00	44.79	179	198	Vertical
5	14124.3600	32.01	-35.49	40.20	-58.55	-13.00	45.55	214	17	Vertical
6	17655.4500	33.28	-33.30	39.89	-55.39	-13.00	42.39	272	344	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	VH	NT	12.00	0.003438	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	VL	NT	12.10	0.003467	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	VN	NT	13.10	0.003753	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	NV	50	11.80	0.003381	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	NV	40	11.40	0.003266	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	NV	30	9.80	0.002808	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	NV	20	11.90	0.003410	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	NV	10	12.10	0.003467	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	NV	0	10.60	0.003037	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	NV	-10	12.10	0.003467	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	NV	-20	13.00	0.003725	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	NV	-30	11.30	0.003238	PASS

---End of Attachment---



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