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Appendix B.47

LTE CA_42C (3450-3550)



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Suzhou of No. 9 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区湖墅路1号的9号厂房南楼 邮编: 215000

t (86-512) 62962980 www.sgs.com
t (86-512) 62962980 sgs.china@sgs.com

Effective (Isotropic) Radiated Power Output Data

Test Result

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	24.75	18.65	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42145-42289	50RB#0-100RB#0	23.62	17.52	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	1RB#0-0RB#0	24.63	18.53	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	50RB#0-100RB#0	23.52	17.42	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	1RB#0-0RB#0	24.7	18.6	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	50RB#0-100RB#0	23.63	17.53	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	1RB#0-0RB#0	24.09	17.99	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	50RB#0-100RB#0	22.61	16.51	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	1RB#0-0RB#0	23.88	17.78	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	50RB#0-100RB#0	22.52	16.42	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	1RB#0-0RB#0	24.03	17.93	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	50RB#0-100RB#0	22.61	16.51	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	1RB#0-0RB#0	23.33	17.23	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	50RB#0-100RB#0	22.61	16.51	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	1RB#0-0RB#0	23.19	17.09	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	50RB#0-100RB#0	22.51	16.41	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	1RB#0-0RB#0	23.19	17.09	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	50RB#0-100RB#0	22.61	16.51	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42145-42289	1RB#0-0RB#0	20.12	14.02	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42145-42289	50RB#0-100RB#0	20.61	14.51	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42496-42640	1RB#0-0RB#0	20.06	13.96	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42496-42640	50RB#0-100RB#0	20.54	14.44	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42846-42990	1RB#0-0RB#0	20.21	14.11	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42846-42990	50RB#0-100RB#0	20.65	14.55	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	1RB#0-0RB#0	24.68	18.58	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	75RB#0-100RB#0	23.58	17.48	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	1RB#0-0RB#0	24.54	18.44	30	PASS



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Suzhou No. 9 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62962980 www.sgs.com.cn
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的9号厂房南楼 邮编：215000 t (86-512) 62962980 sgs.china@sgs.com



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42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	75RB#0-100RB#0	23.54	17.44	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42819-42990	1RB#0-0RB#0	24.65	18.55	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42819-42990	75RB#0-100RB#0	23.65	17.55	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42168-42339	1RB#0-0RB#0	23.93	17.83	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42168-42339	75RB#0-100RB#0	22.57	16.47	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42493-42664	1RB#0-0RB#0	23.87	17.77	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42493-42664	75RB#0-100RB#0	22.58	16.48	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42819-42990	1RB#0-0RB#0	23.94	17.84	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42819-42990	75RB#0-100RB#0	22.63	16.53	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42168-42339	1RB#0-0RB#0	23.21	17.11	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42168-42339	75RB#0-100RB#0	22.56	16.46	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42493-42664	1RB#0-0RB#0	23.12	17.02	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42493-42664	75RB#0-100RB#0	22.55	16.45	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42819-42990	1RB#0-0RB#0	23.25	17.15	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42819-42990	75RB#0-100RB#0	22.6	16.5	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42168-42339	1RB#0-0RB#0	20.16	14.06	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42168-42339	75RB#0-100RB#0	20.6	14.5	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42493-42664	1RB#0-0RB#0	19.91	13.81	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42493-42664	75RB#0-100RB#0	20.59	14.49	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42819-42990	1RB#0-0RB#0	20.18	14.08	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42819-42990	75RB#0-100RB#0	20.66	14.56	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42190-42334	100RB#0-50RB#0	23.54	17.44	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42190-42334	1RB#0-0RB#0	24.81	18.71	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42541-42685	100RB#0-50RB#0	23.52	17.42	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42541-42685	1RB#0-0RB#0	21.5	15.4	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42891-43035	100RB#0-50RB#0	23.65	17.55	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42891-43035	1RB#0-0RB#0	24.73	18.63	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42190-42334	100RB#0-50RB#0	22.53	16.43	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42190-42334	1RB#0-0RB#0	24.2	18.1	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42541-42685	100RB#0-50RB#0	22.55	16.45	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42541-42685	1RB#0-0RB#0	24.04	17.94	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42891-43035	100RB#0-50RB#0	22.65	16.55	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42891-43035	1RB#0-0RB#0	23.99	17.89	30	PASS



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42-42	20MHz-10MHz	64QAM-64QAM	42190-42334	100RB#0-50RB#0	22.52	16.42	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42190-42334	1RB#0-0RB#0	23.42	17.32	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42541-42685	100RB#0-50RB#0	22.51	16.41	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42541-42685	1RB#0-0RB#0	23.31	17.21	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42891-43035	100RB#0-50RB#0	22.62	16.52	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42891-43035	1RB#0-0RB#0	23.23	17.13	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42190-42334	100RB#0-50RB#0	20.52	14.42	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42190-42334	1RB#0-0RB#0	20.42	14.32	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42541-42685	100RB#0-50RB#0	20.57	14.47	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42541-42685	1RB#0-0RB#0	20.29	14.19	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42891-43035	100RB#0-50RB#0	20.65	14.55	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42891-43035	1RB#0-0RB#0	20.09	13.99	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42190-42361	100RB#0-75RB#0	23.61	17.51	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42190-42361	1RB#0-0RB#0	24.75	18.65	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42516-42687	100RB#0-75RB#0	23.57	17.47	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42516-42687	1RB#0-0RB#0	24.61	18.51	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42841-43012	100RB#0-75RB#0	23.66	17.56	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42841-43012	1RB#0-0RB#0	24.67	18.57	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42190-42361	100RB#0-75RB#0	22.6	16.5	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42190-42361	1RB#0-0RB#0	24.01	17.91	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42516-42687	100RB#0-75RB#0	22.56	16.46	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42516-42687	1RB#0-0RB#0	23.88	17.78	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42841-43012	100RB#0-75RB#0	22.63	16.53	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42841-43012	1RB#0-0RB#0	23.96	17.86	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42190-42361	100RB#0-75RB#0	22.59	16.49	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42190-42361	1RB#0-0RB#0	23.3	17.2	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42516-42687	100RB#0-75RB#0	22.53	16.43	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42516-42687	1RB#0-0RB#0	23.21	17.11	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42841-43012	100RB#0-75RB#0	22.62	16.52	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42841-43012	1RB#0-0RB#0	23.16	17.06	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42190-42361	100RB#0-75RB#0	20.63	14.53	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42190-42361	1RB#0-0RB#0	20.16	14.06	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42516-42687	100RB#0-75RB#0	20.6	14.5	30	PASS



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42-42	20MHz-15MHz	256QAM-256QAM	42516-42687	1RB#0-0RB#0	20.16	14.06	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42841-43012	100RB#0-75RB#0	20.68	14.58	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42841-43012	1RB#0-0RB#0	20.02	13.92	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	100RB#0-100RB#0	23.58	17.48	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	1RB#0-0RB#0	24.83	18.73	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	23.55	17.45	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	1RB#0-0RB#0	24.63	18.53	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	100RB#0-100RB#0	23.6	17.5	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	1RB#0-0RB#0	24.68	18.58	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	100RB#0-100RB#0	22.57	16.47	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	1RB#0-0RB#0	24.18	18.08	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100RB#0	22.55	16.45	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	1RB#0-0RB#0	23.82	17.72	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	100RB#0-100RB#0	22.6	16.5	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	1RB#0-0RB#0	24.11	18.01	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	100RB#0-100RB#0	22.54	16.44	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	1RB#0-0RB#0	23.44	17.34	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	100RB#0-100RB#0	22.51	16.41	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	1RB#0-0RB#0	23.14	17.04	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	100RB#0-100RB#0	22.61	16.51	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	1RB#0-0RB#0	23.35	17.25	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	100RB#0-100RB#0	20.64	14.54	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	1RB#0-0RB#0	20.52	14.42	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	100RB#0-100RB#0	20.58	14.48	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	1RB#0-0RB#0	20.05	13.95	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	100RB#0-100RB#0	20.6	14.5	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	1RB#0-0RB#0	20.29	14.19	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42190-42307	100RB#0-25RB#0	23.53	17.43	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42190-42307	1RB#0-0RB#0	24.72	18.62	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42565-42682	100RB#0-25RB#0	23.54	17.44	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42565-42682	1RB#0-0RB#0	24.71	18.61	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43057	100RB#0-25RB#0	23.64	17.54	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43057	1RB#0-0RB#0	24.7	18.6	30	PASS



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42-42	20MHz-5MHz	QPSK-QPSK	42940-43507	1RB#0-0RB#0	24.82	18.72	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42190-42307	100RB#0-25RB#0	22.51	16.41	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42190-42307	1RB#0-0RB#0	23.92	17.82	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42565-42682	100RB#0-25RB#0	22.51	16.41	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42565-42682	1RB#0-0RB#0	24.1	18	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43057	100RB#0-25RB#0	22.63	16.53	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43057	1RB#0-0RB#0	23.98	17.88	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43507	1RB#0-0RB#0	23.99	17.89	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42190-42307	100RB#0-25RB#0	22.49	16.39	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42190-42307	1RB#0-0RB#0	23.23	17.13	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42565-42682	100RB#0-25RB#0	22.5	16.4	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42565-42682	1RB#0-0RB#0	23.41	17.31	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42940-43057	100RB#0-25RB#0	22.59	16.49	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42940-43057	1RB#0-0RB#0	23.22	17.12	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42190-42307	100RB#0-25RB#0	20.57	14.47	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42190-42307	1RB#0-0RB#0	20.06	13.96	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42565-42682	100RB#0-25RB#0	20.55	14.45	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42565-42682	1RB#0-0RB#0	20.3	14.2	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42940-43057	100RB#0-25RB#0	20.63	14.53	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42940-43057	1RB#0-0RB#0	20.05	13.95	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42123-42240	1RB#0-0RB#0	24.73	18.63	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42123-42240	50RB#0-100RB#0	22.09	15.99	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42498-42615	1RB#0-0RB#0	22.03	15.93	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42498-42615	50RB#0-100RB#0	22.02	15.92	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42873-42990	1RB#0-0RB#0	24.66	18.56	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42873-42990	50RB#0-100RB#0	22.1	16	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42123-42240	1RB#0-0RB#0	24.03	17.93	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42123-42240	50RB#0-100RB#0	22.34	16.24	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42498-42615	1RB#0-0RB#0	24.02	17.92	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42498-42615	50RB#0-100RB#0	22.21	16.11	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42873-42990	1RB#0-0RB#0	23.99	17.89	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42873-42990	50RB#0-100RB#0	22.34	16.24	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42123-42240	1RB#0-0RB#0	23.24	17.14	30	PASS



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42-42	5MHz-20MHz	64QAM-64QAM	42123-42240	50RB#0-100RB#0	22.54	16.44	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42498-42615	1RB#0-0RB#0	23.35	17.25	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42498-42615	50RB#0-100RB#0	22.52	16.42	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42873-42990	1RB#0-0RB#0	23.19	17.09	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42873-42990	50RB#0-100RB#0	22.56	16.46	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42123-42240	1RB#0-0RB#0	20.08	13.98	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42123-42240	50RB#0-100RB#0	20.38	14.28	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42498-42615	1RB#0-0RB#0	20.15	14.05	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42498-42615	50RB#0-100RB#0	20.25	14.15	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42873-42990	1RB#0-0RB#0	20.07	13.97	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42873-42990	50RB#0-100RB#0	20.42	14.32	30	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	11.62	13	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	11.64	13	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	100RB#0-100RB#0	11.64	13	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	100RB#0-100RB#0	11.66	13	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100RB#0	11.62	13	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	100RB#0-100RB#0	11.66	13	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	100RB#0-100RB#0	11.76	13	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	100RB#0-100RB#0	11.86	13	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	100RB#0-100RB#0	11.66	13	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	100RB#0-100RB#0	11.62	13	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	100RB#0-100RB#0	11.66	13	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	100RB#0-100RB#0	11.70	13	PASS



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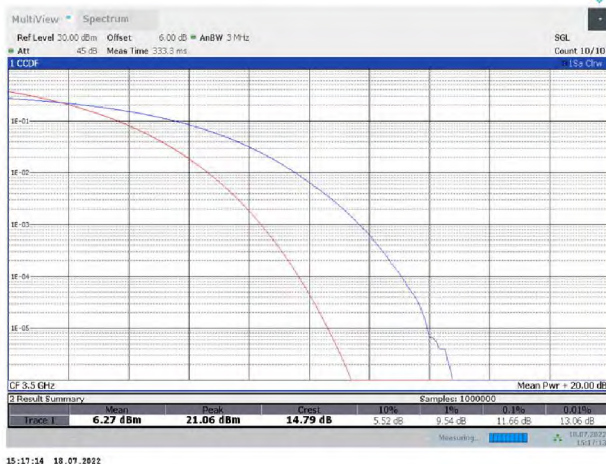
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Test Graphs

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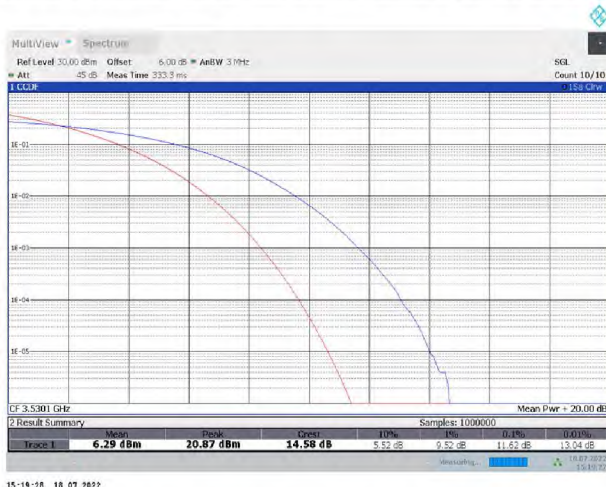
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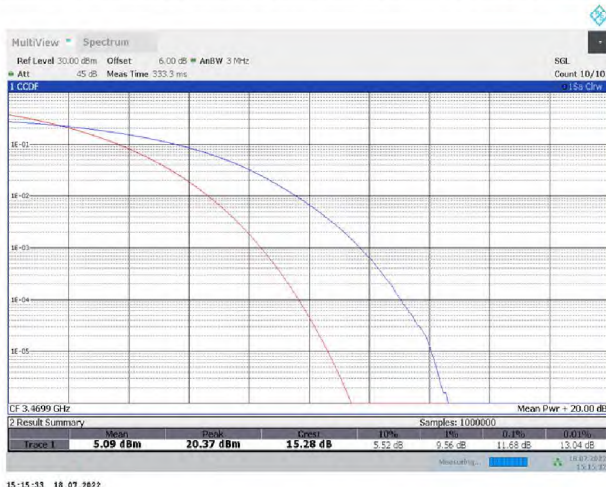
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42-42-20MHz-20MHz-16QAM-16QAM-42190-42388-100RB#0-100RB#0



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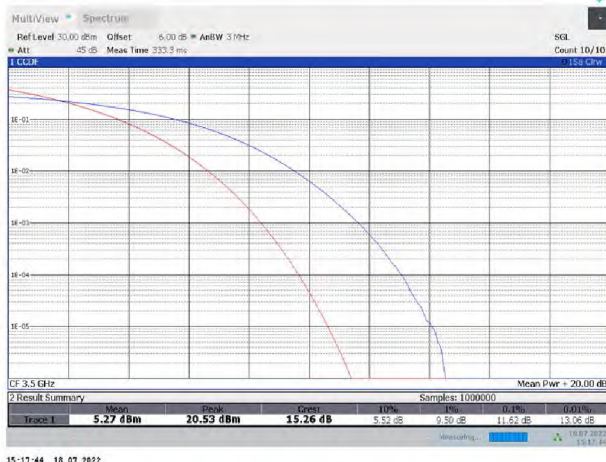
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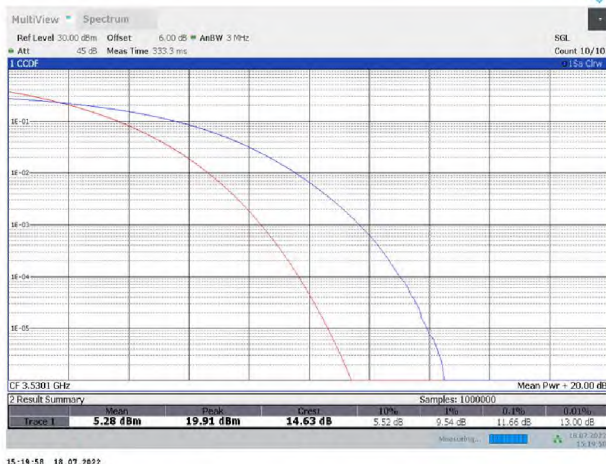
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42-42-20MHz-20MHz-16QAM-16QAM-42491-42689-100RB#0-100RB#0



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



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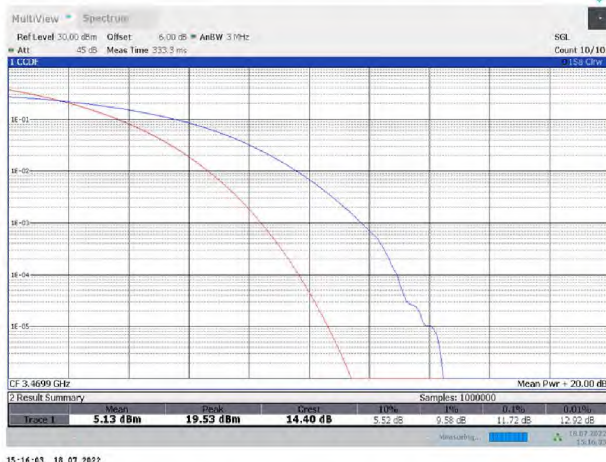
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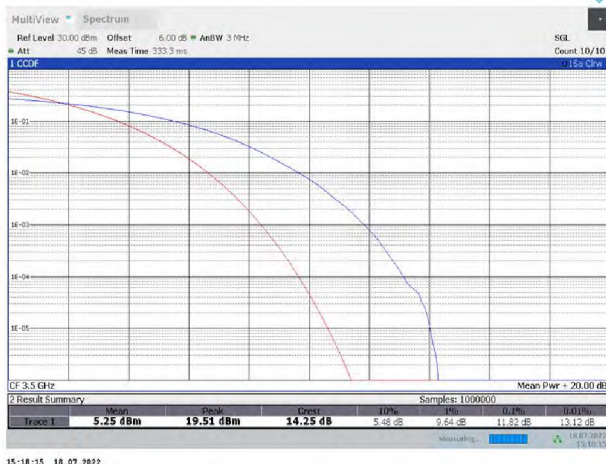
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42-42-20MHz-20MHz-64QAM-64QAM-42190-42388-100RB#0-100RB#0



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



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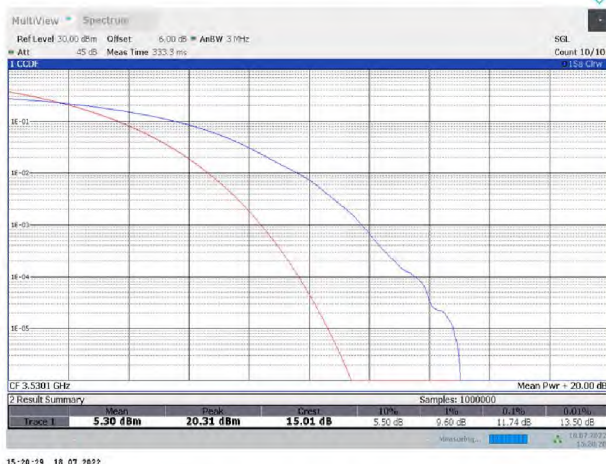
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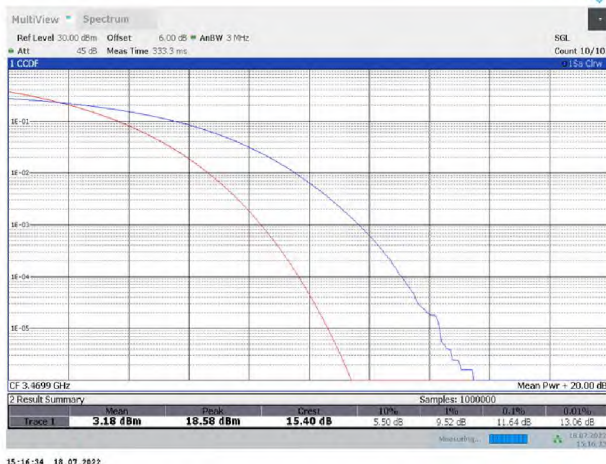
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42-42-20MHz-20MHz-256QAM-256QAM-42190-42388-100RB#0-100RB#0



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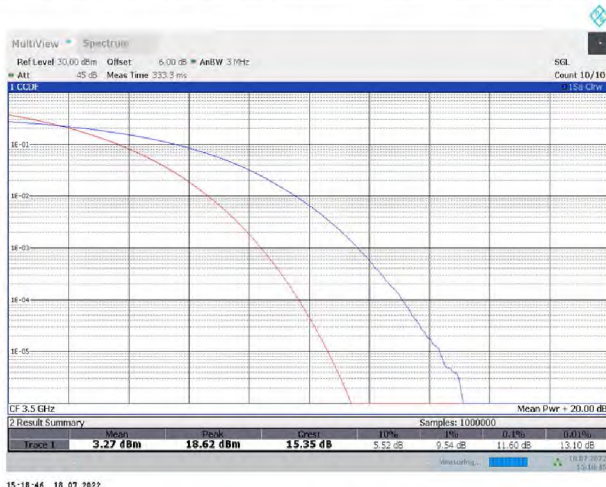
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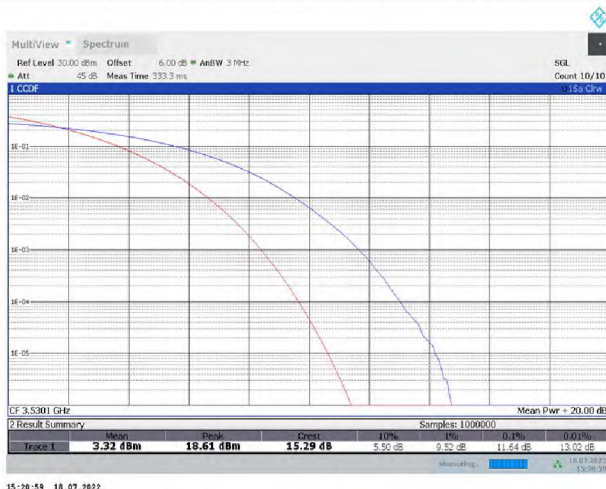
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42-42-20MHz-20MHz-256QAM-256QAM-42491-42689-100RB#0-100RB#0



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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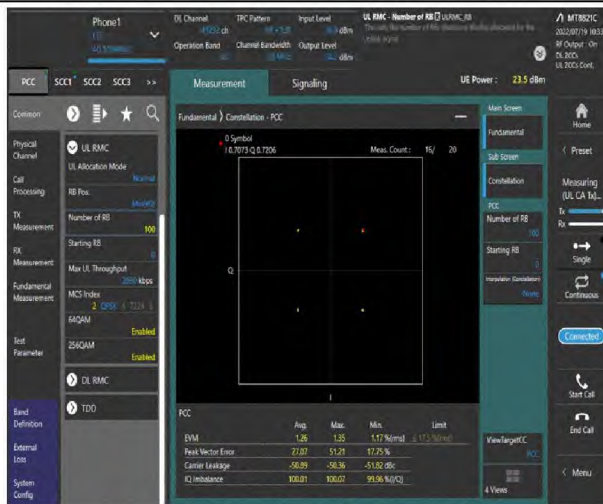
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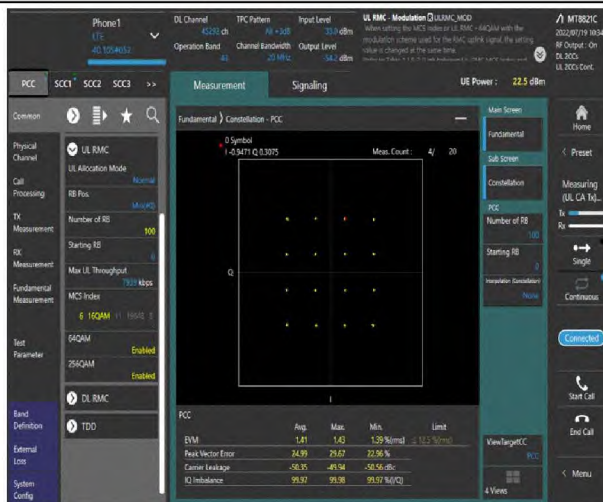
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Test Graphs

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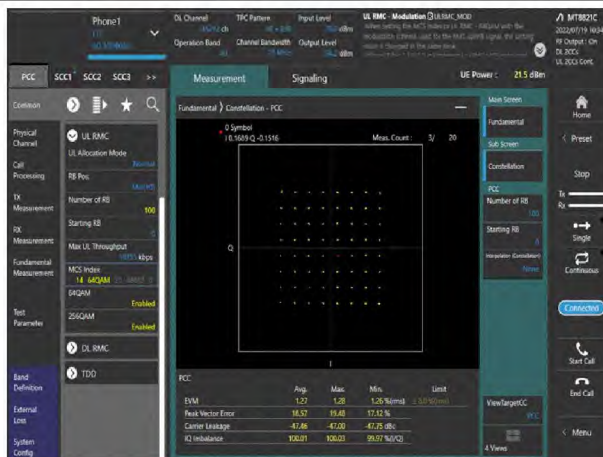
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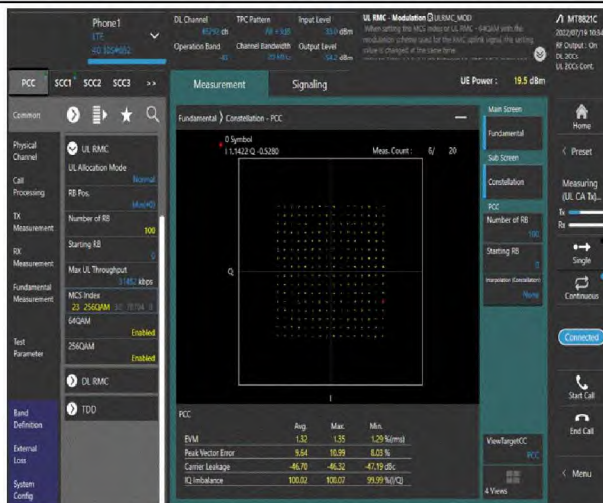
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42-42-20MHz-20MHz-64QAM-64QAM-42491-42689-100RB#0-100RB#0



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



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	27.759	30.00	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	50RB#0-100RB#0	27.679	30.00	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	50RB#0-100RB#0	27.654	30.00	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	50RB#0-100RB#0	27.907	33.47	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	50RB#0-100RB#0	27.912	34.53	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	50RB#0-100RB#0	27.86	32.53	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	50RB#0-100RB#0	27.906	31.87	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	50RB#0-100RB#0	27.88	32.93	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	50RB#0-100RB#0	27.921	32.00	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42145-42289	50RB#0-100RB#0	27.879	32.53	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42496-42640	50RB#0-100RB#0	27.857	32.53	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42846-42990	50RB#0-100RB#0	27.841	32.80	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	75RB#0-100RB#0	32.437	35.07	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	75RB#0-100RB#0	32.54	34.80	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42819-42990	75RB#0-100RB#0	32.625	34.93	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42168-42339	75RB#0-100RB#0	32.631	36.67	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42493-42664	75RB#0-100RB#0	32.645	36.93	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42819-42990	75RB#0-100RB#0	32.664	37.60	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42168-42339	75RB#0-100RB#0	32.654	36.93	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42493-42664	75RB#0-100RB#0	32.645	37.87	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42819-42990	75RB#0-100RB#0	32.602	37.47	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42168-42339	75RB#0-100RB#0	32.737	41.33	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42493-42664	75RB#0-100RB#0	32.617	38.53	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42819-42990	75RB#0-100RB#0	32.651	38.80	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42190-42334	100RB#0-50RB#0	27.825	30.27	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42541-42685	100RB#0-50RB#0	27.78	30.40	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42891-43035	100RB#0-50RB#0	27.792	30.13	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42190-42334	100RB#0-50RB#0	27.953	34.13	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42541-42685	100RB#0-50RB#0	27.963	33.47	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42891-43035	100RB#0-50RB#0	27.944	34.00	PASS



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42-42	20MHz-10MHz	64QAM-64QAM	42190-42334	100RB#0-50RB#0	28.008	36.00	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42541-42685	100RB#0-50RB#0	27.964	32.13	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42891-43035	100RB#0-50RB#0	27.981	33.87	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42190-42334	100RB#0-50RB#0	27.995	33.07	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42541-42685	100RB#0-50RB#0	28.038	34.00	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42891-43035	100RB#0-50RB#0	27.98	32.93	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42190-42361	100RB#0-75RB#0	32.759	34.93	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42516-42687	100RB#0-75RB#0	32.667	35.07	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42841-43012	100RB#0-75RB#0	32.535	37.60	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42190-42361	100RB#0-75RB#0	32.776	37.07	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42516-42687	100RB#0-75RB#0	32.779	37.47	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42841-43012	100RB#0-75RB#0	32.782	36.93	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42190-42361	100RB#0-75RB#0	32.709	37.73	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42516-42687	100RB#0-75RB#0	32.606	36.53	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42841-43012	100RB#0-75RB#0	32.7	38.13	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42190-42361	100RB#0-75RB#0	32.714	37.60	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42516-42687	100RB#0-75RB#0	32.755	39.33	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42841-43012	100RB#0-75RB#0	32.735	38.67	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	100RB#0-100RB#0	37.378	40.00	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	37.339	40.00	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	100RB#0-100RB#0	37.382	40.40	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	100RB#0-100RB#0	37.425	41.87	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100RB#0	37.472	42.53	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	100RB#0-100RB#0	37.448	42.53	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	100RB#0-100RB#0	37.564	43.73	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	100RB#0-100RB#0	37.496	45.47	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	100RB#0-100RB#0	37.478	43.07	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	100RB#0-100RB#0	37.517	42.27	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	100RB#0-100RB#0	37.553	43.73	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	100RB#0-100RB#0	37.473	41.73	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42190-42307	100RB#0-25RB#0	22.858	24.08	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43057	100RB#0-25RB#0	22.748	24.17	PASS
42-42	20MHz-5MHz	QPSK-QPSK	45065-45182	100RB#0-25RB#0	22.741	24.25	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42190-42307	100RB#0-25RB#0	22.845	25.92	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43057	100RB#0-25RB#0	22.886	26.42	PASS
42-42	20MHz-5MHz	16QAM-16QAM	45065-45182	100RB#0-25RB#0	22.881	26.17	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42190-42307	100RB#0-25RB#0	22.878	25.67	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42940-43057	100RB#0-25RB#0	22.853	25.83	PASS



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42-42	20MHz-5MHz	64QAM-64QAM	45065-45182	100RB#0-25RB#0	22.906	26.83	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42190-42307	100RB#0-25RB#0	22.857	27.25	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42940-43057	100RB#0-25RB#0	22.889	25.33	PASS
42-42	20MHz-5MHz	256QAM-256QAM	45065-45182	100RB#0-25RB#0	22.875	25.58	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42123-42240	25RB#0-100RB#0	22.6	24.00	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42498-42615	25RB#0-100RB#0	22.469	23.92	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42873-42990	25RB#0-100RB#0	22.698	24.00	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42123-42240	25RB#0-100RB#0	22.663	25.17	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42498-42615	25RB#0-100RB#0	22.699	25.67	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42873-42990	25RB#0-100RB#0	22.679	25.50	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42123-42240	25RB#0-100RB#0	22.634	24.25	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42498-42615	25RB#0-100RB#0	22.631	24.83	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42873-42990	25RB#0-100RB#0	22.66	25.25	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42123-42240	25RB#0-100RB#0	22.647	25.17	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42498-42615	25RB#0-100RB#0	22.709	25.50	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42873-42990	25RB#0-100RB#0	22.671	24.42	PASS



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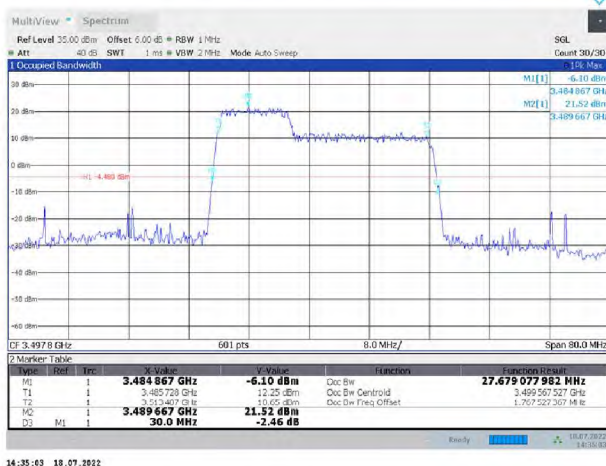
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Test Graphs

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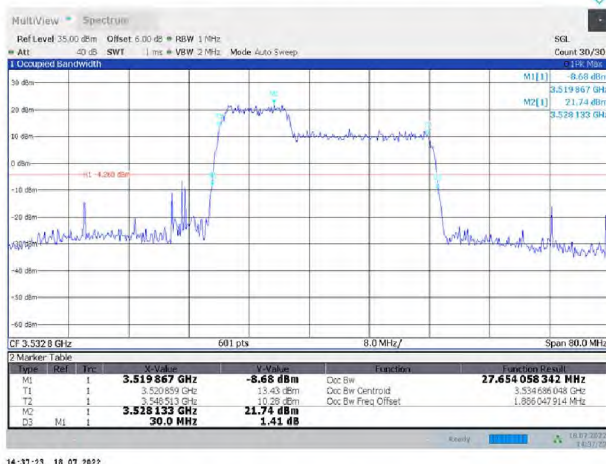
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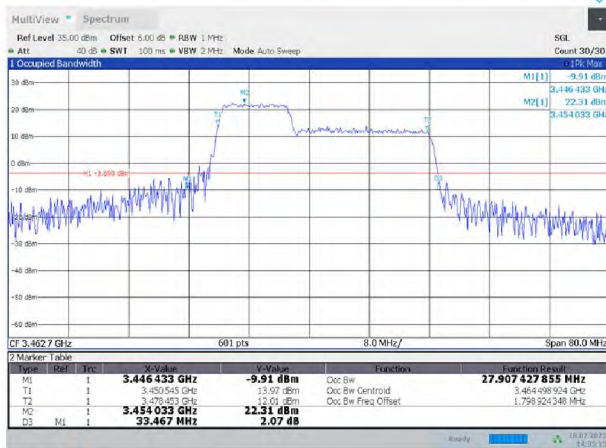
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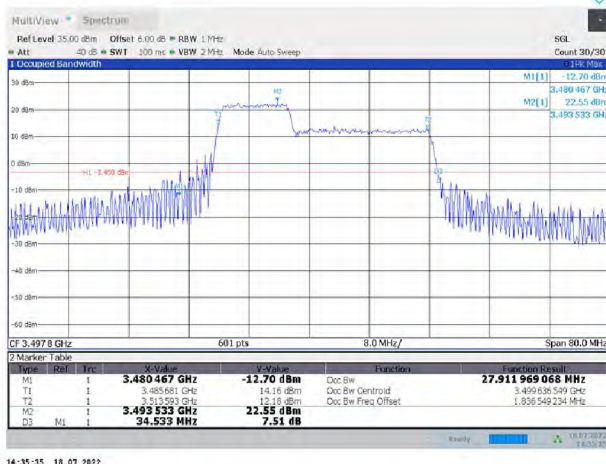
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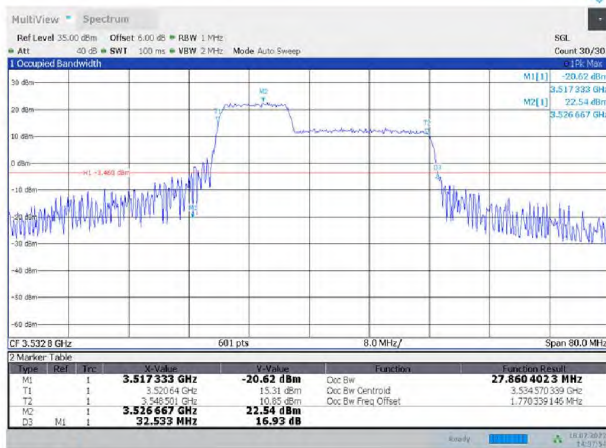
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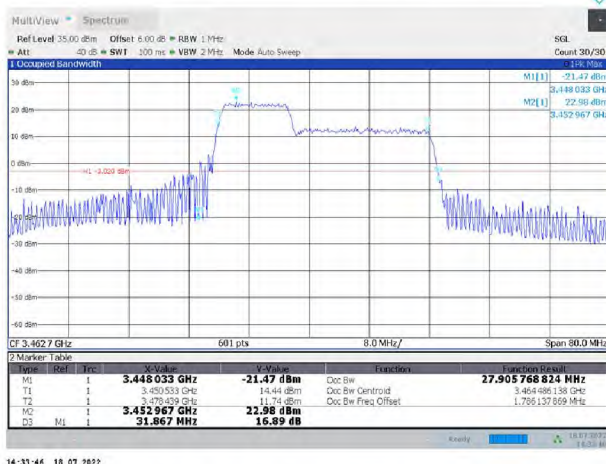
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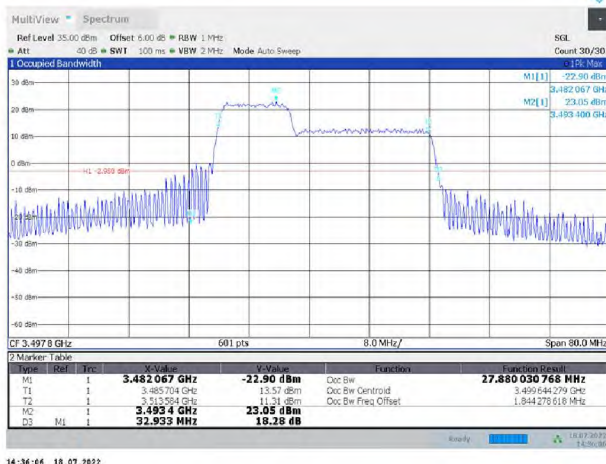
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42-42-10MHz-20MHz-64QAM-64QAM-42496-42640-50RB#0-100RB#0



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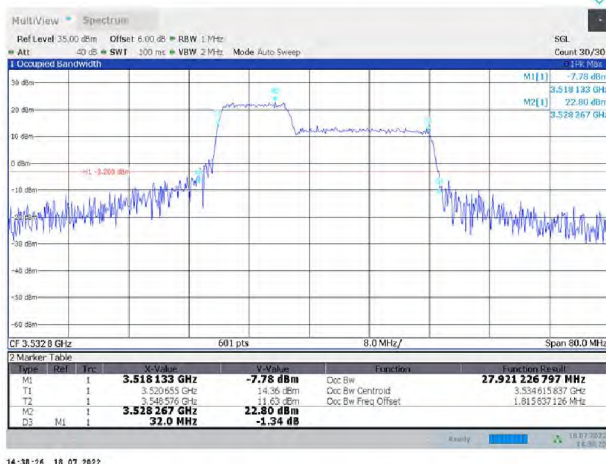


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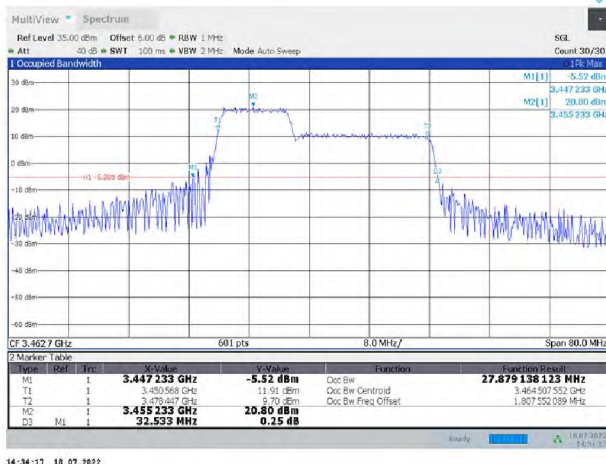
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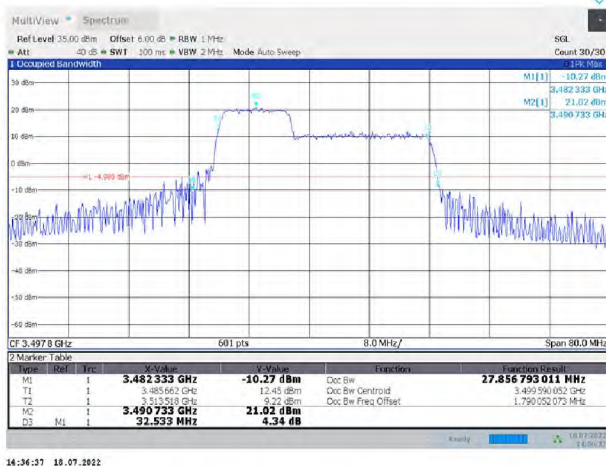


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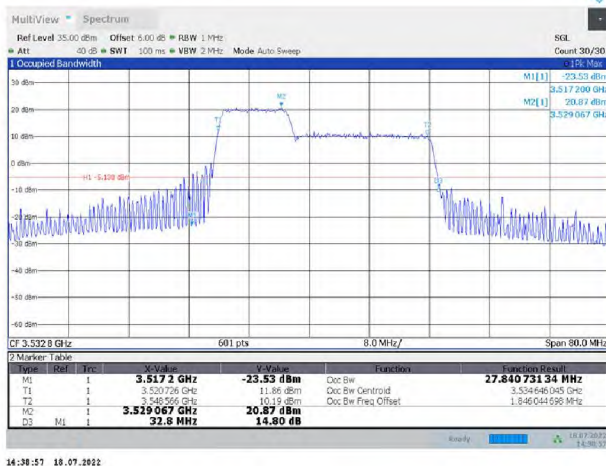
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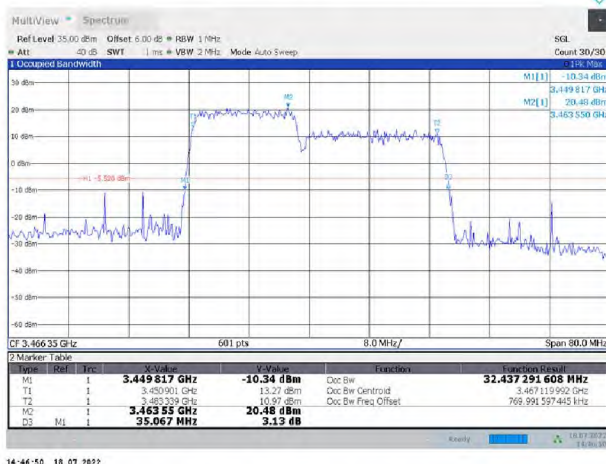
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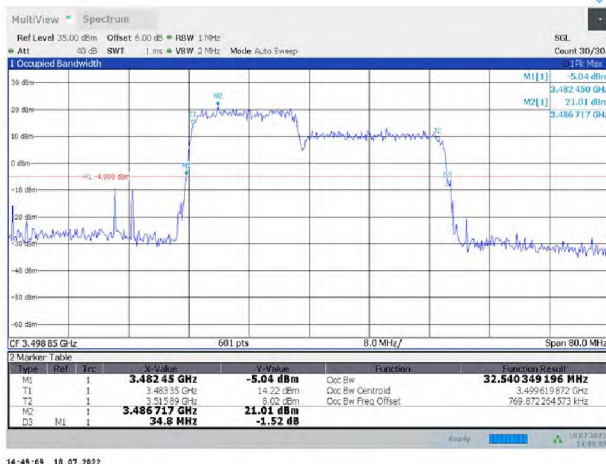
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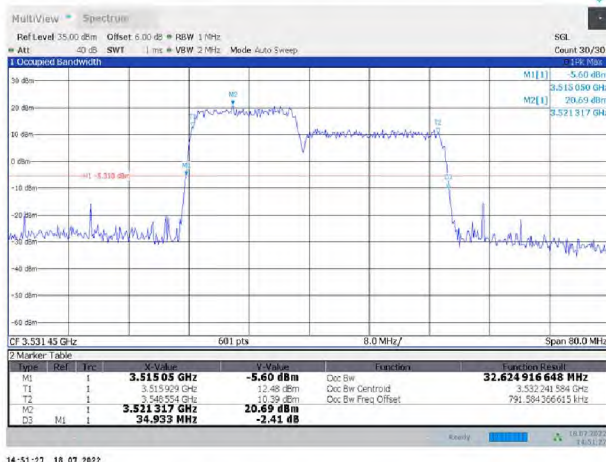


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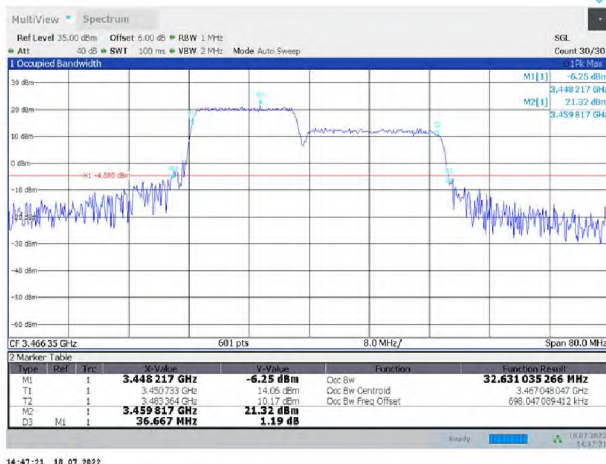
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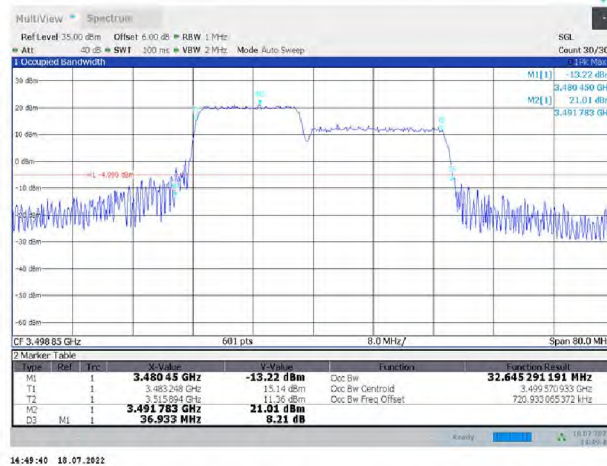
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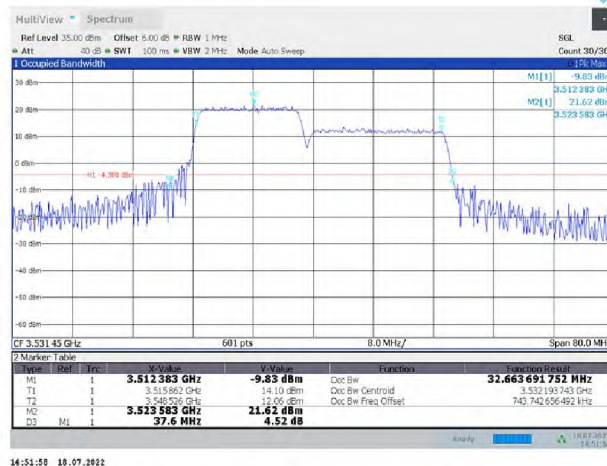
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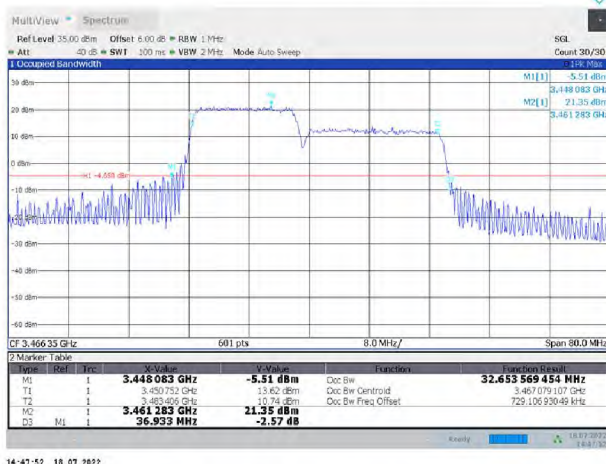
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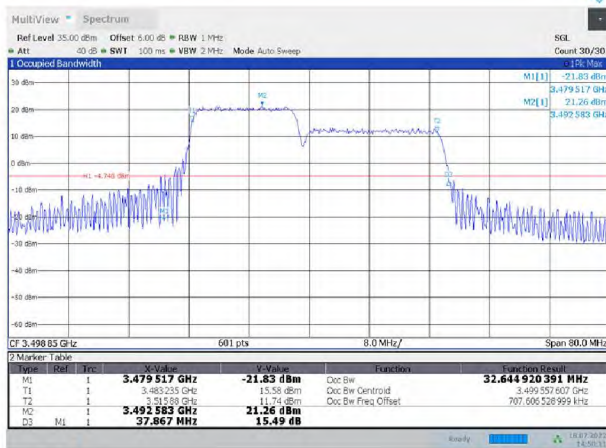
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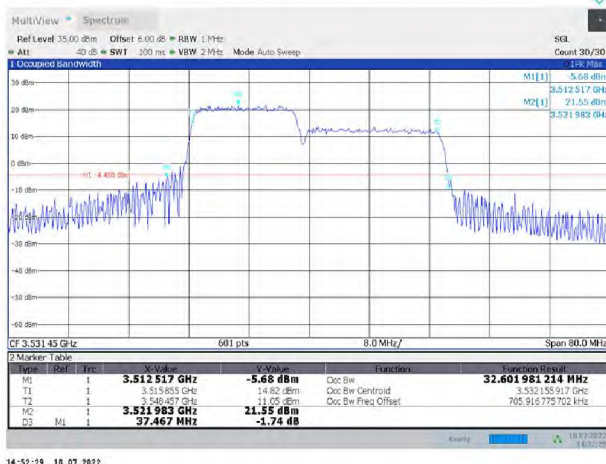
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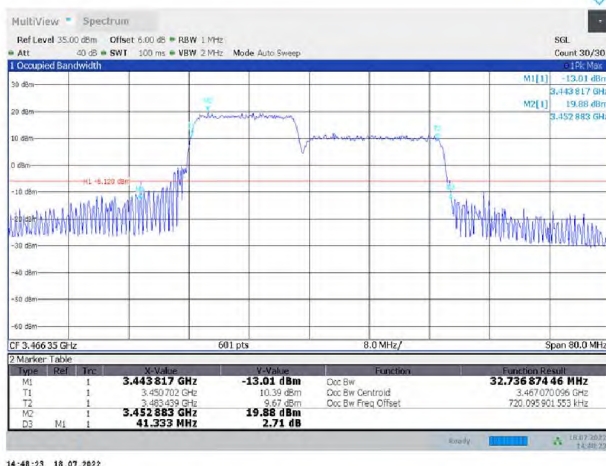
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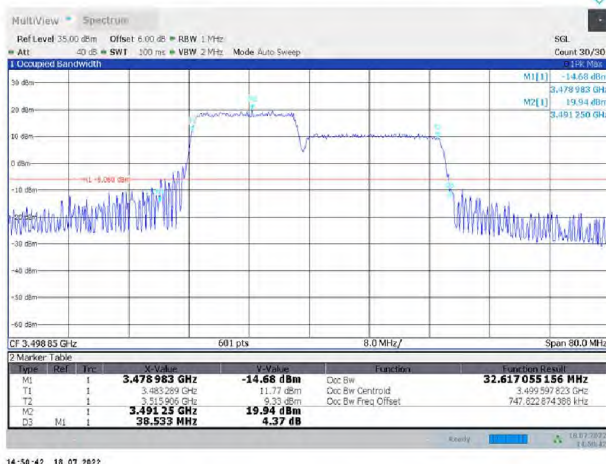
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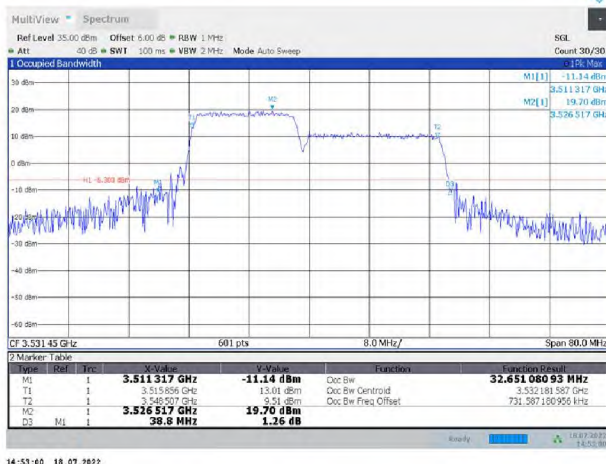
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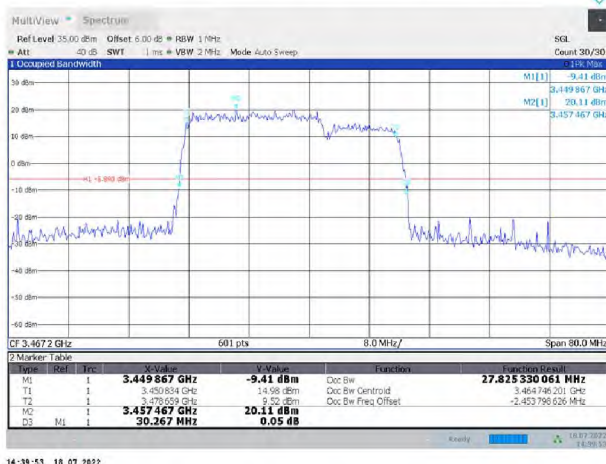
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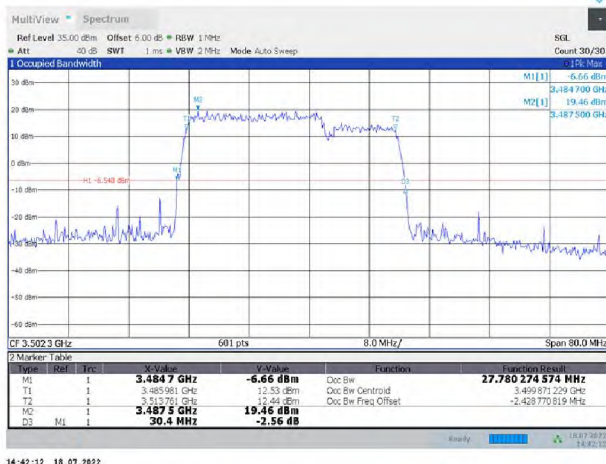
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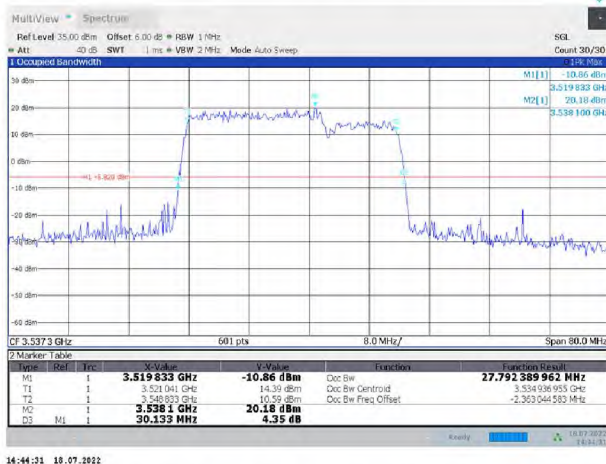


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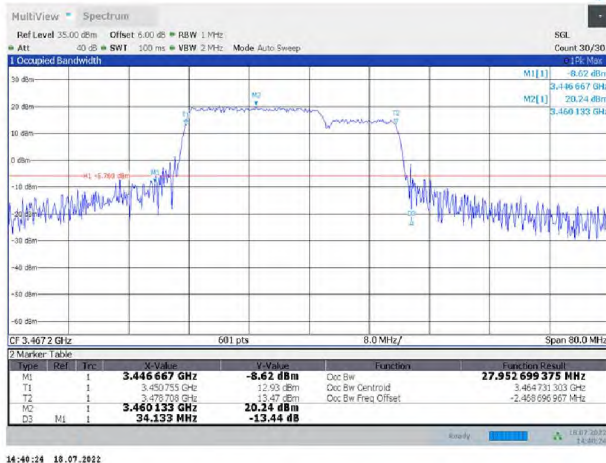
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42-42-20MHz-10MHz-16QAM-16QAM-42190-42334-100RB#0-50RB#0



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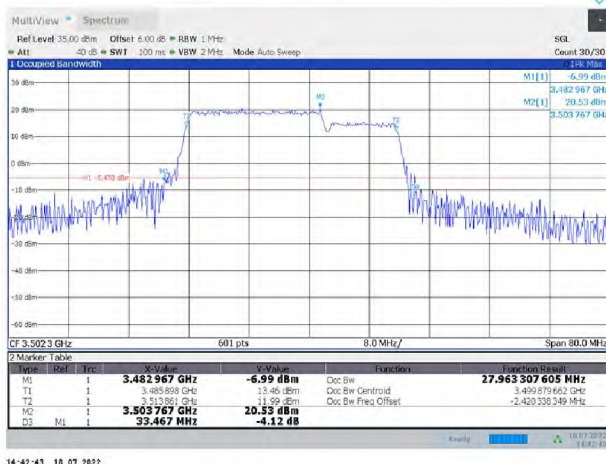
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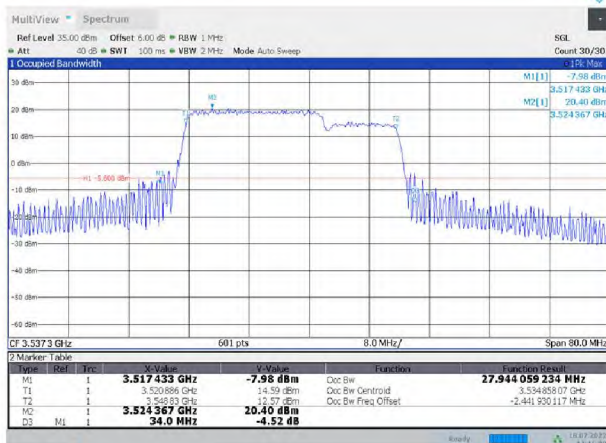
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14:42:43 18.07.2022

42-42-20MHz-10MHz-16QAM-16QAM-42891-43035-100RB#0-50RB#0



14:45:43 18.07.2022



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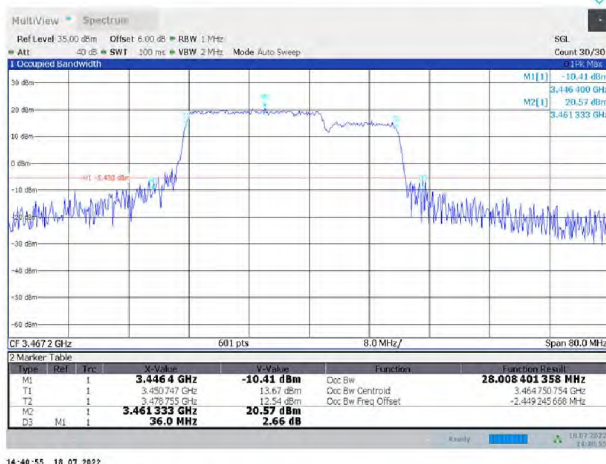
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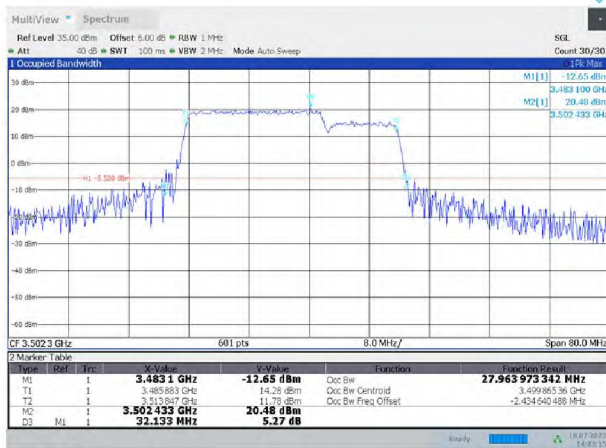
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14:43:25 18.07.2022



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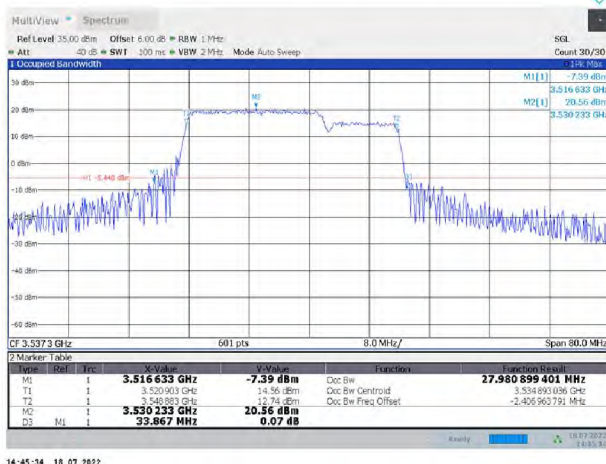
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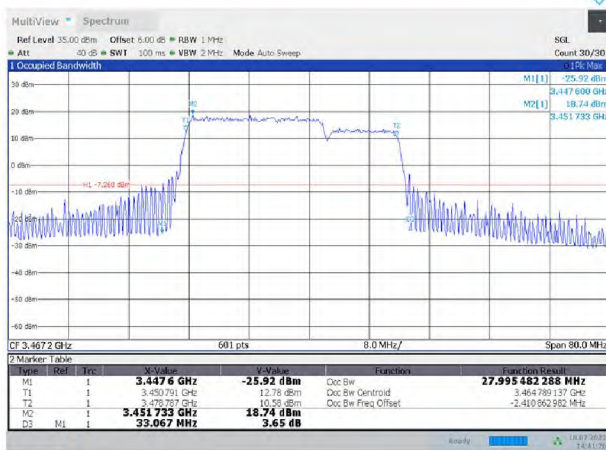
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14:45:34 18.07.2022

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14:41:26 18.07.2022



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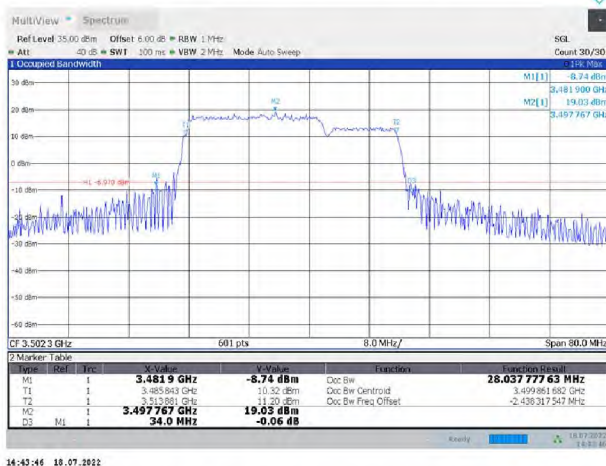
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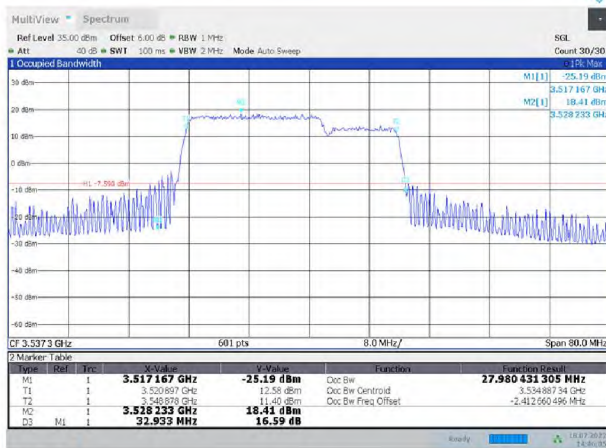
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14:44:05 18.07.2022



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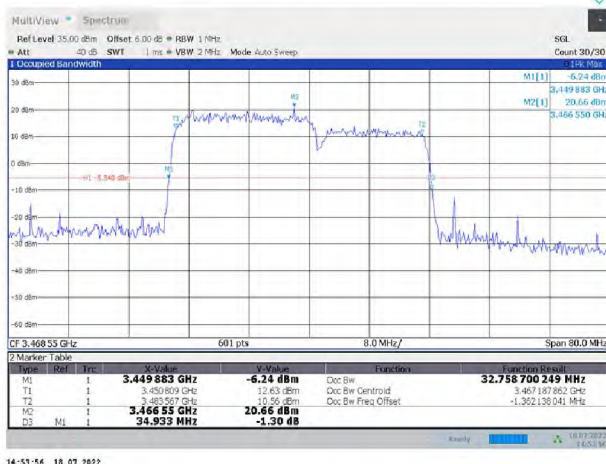
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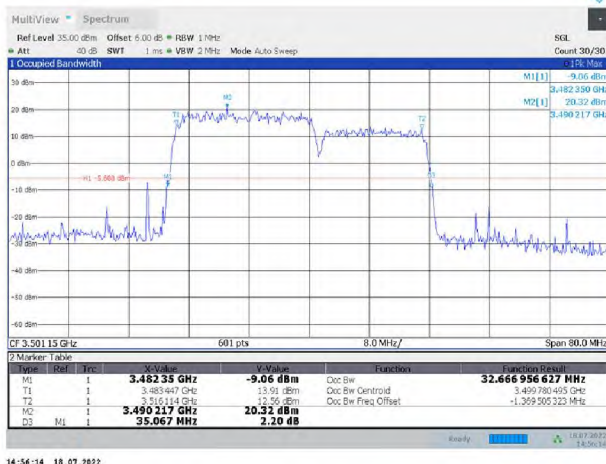
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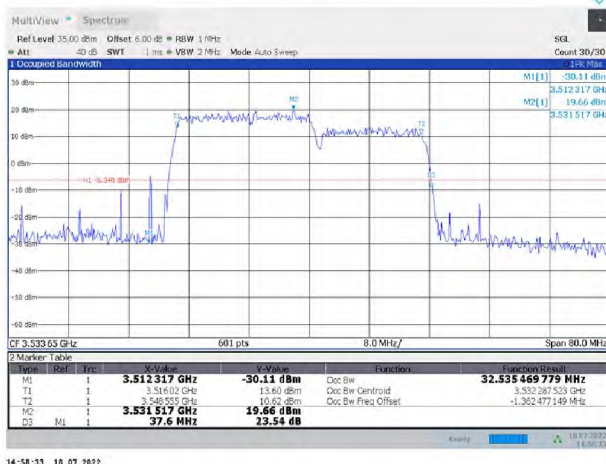


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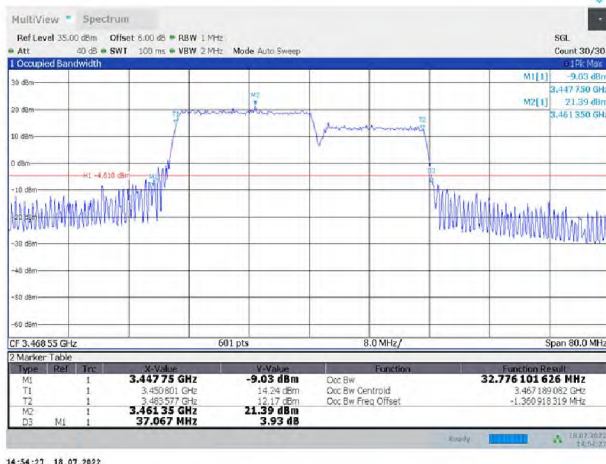


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42-42-20MHz-15MHz-16QAM-16QAM-42190-42361-100RB#0-75RB#0



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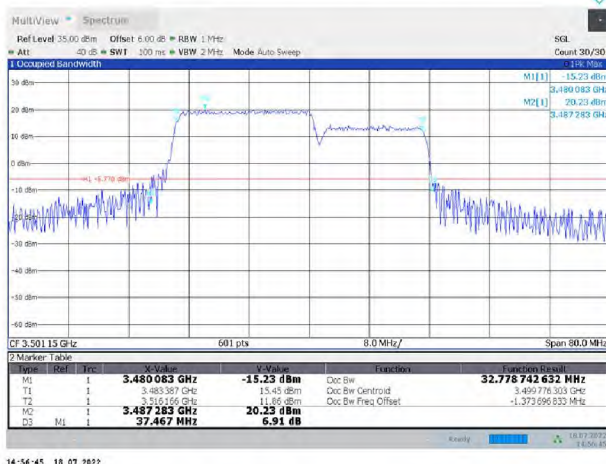
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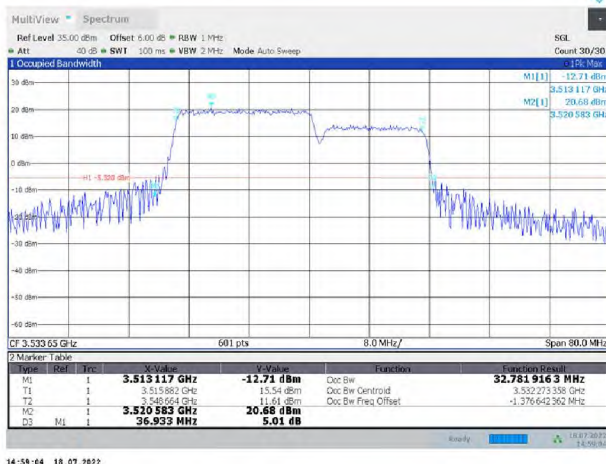
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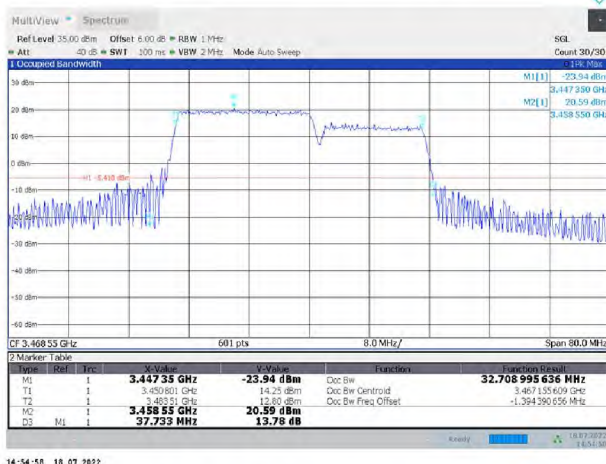
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