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Appendix B.47

LTE CA_42C (3450-3550)



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP(d Bm)	Limit (dBm)	Verdict
42-42	10MHz-20MHz	QPSK-QPSK	42145-42289	1RB#0-0RB#0	25.63	19.53	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42145-42289	50RB#0-100RB#0	24.78	18.68	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	1RB#0-0RB#0	25.45	19.35	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	50RB#0-100RB#0	24.32	18.22	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	1RB#0-0RB#0	25.69	19.59	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	50RB#0-100RB#0	24.47	18.37	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	1RB#0-0RB#0	24.71	18.61	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	50RB#0-100RB#0	23.62	17.52	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	1RB#0-0RB#0	24.36	18.26	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	50RB#0-100RB#0	23.40	17.30	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	1RB#0-0RB#0	24.53	18.43	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	50RB#0-100RB#0	23.46	17.36	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	1RB#0-0RB#0	23.71	17.61	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	50RB#0-100RB#0	23.43	17.33	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	1RB#0-0RB#0	23.56	17.46	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	50RB#0-100RB#0	23.40	17.30	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	1RB#0-0RB#0	23.65	17.55	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	50RB#0-100RB#0	23.61	17.51	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42145-42289	1RB#0-0RB#0	20.79	14.69	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42145-42289	50RB#0-100RB#0	21.65	15.55	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42496-42640	1RB#0-0RB#0	20.61	14.51	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42496-42640	50RB#0-100RB#0	21.38	15.28	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42846-42990	1RB#0-0RB#0	20.56	14.46	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42846-42990	50RB#0-100RB#0	21.56	15.46	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	1RB#0-0RB#0	25.72	19.62	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	75RB#0-100RB#0	24.54	18.44	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	1RB#0-0RB#0	25.40	19.30	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	75RB#0-100RB#0	24.46	18.36	30	PASS



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42-42	15MHz-20MHz	QPSK-QPSK	42819-42990	1RB#0-0RB#0	25.54	19.44	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42819-42990	75RB#0-100RB#0	24.38	18.28	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42168-42339	1RB#0-0RB#0	24.49	18.39	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42168-42339	75RB#0-100RB#0	23.47	17.37	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42493-42664	1RB#0-0RB#0	24.31	18.21	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42493-42664	75RB#0-100RB#0	23.41	17.31	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42819-42990	1RB#0-0RB#0	24.42	18.32	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42819-42990	75RB#0-100RB#0	23.55	17.45	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42168-42339	1RB#0-0RB#0	23.72	17.62	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42168-42339	75RB#0-100RB#0	23.15	17.05	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42493-42664	1RB#0-0RB#0	23.47	17.37	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42493-42664	75RB#0-100RB#0	23.37	17.27	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42819-42990	1RB#0-0RB#0	23.45	17.35	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42819-42990	75RB#0-100RB#0	23.49	17.39	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42168-42339	1RB#0-0RB#0	22.03	15.93	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42168-42339	75RB#0-100RB#0	21.42	15.32	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42493-42664	1RB#0-0RB#0	21.71	15.61	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42493-42664	75RB#0-100RB#0	21.26	15.16	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42819-42990	1RB#0-0RB#0	20.56	14.46	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42819-42990	75RB#0-100RB#0	21.55	15.45	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42190-42334	100RB#0-50RB#0	24.61	18.51	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42190-42334	1RB#0-0RB#0	25.68	19.58	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42541-42685	100RB#0-50RB#0	24.38	18.28	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42541-42685	1RB#0-0RB#0	25.38	19.28	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42891-43035	100RB#0-50RB#0	24.37	18.27	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42891-43035	1RB#0-0RB#0	25.63	19.53	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42190-42334	100RB#0-50RB#0	23.40	17.30	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42190-42334	1RB#0-0RB#0	24.69	18.59	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42541-42685	100RB#0-50RB#0	23.47	17.37	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42541-42685	1RB#0-0RB#0	24.49	18.39	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42891-43035	100RB#0-50RB#0	23.54	17.44	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42891-43035	1RB#0-0RB#0	24.45	18.35	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42190-42334	100RB#0-50RB#0	23.69	17.59	30	PASS



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42-42	20MHz-10MHz	64QAM-64QAM	42190-42334	1RB#0-0RB#0	23.80	17.70	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42541-42685	100RB#0-50RB#0	23.53	17.43	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42541-42685	1RB#0-0RB#0	23.60	17.50	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42891-43035	100RB#0-50RB#0	23.40	17.30	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42891-43035	1RB#0-0RB#0	23.70	17.60	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42190-42334	100RB#0-50RB#0	21.44	15.34	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42190-42334	1RB#0-0RB#0	20.45	14.35	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42541-42685	100RB#0-50RB#0	21.38	15.28	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42541-42685	1RB#0-0RB#0	20.63	14.53	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42891-43035	100RB#0-50RB#0	21.59	15.49	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42891-43035	1RB#0-0RB#0	20.44	14.34	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42190-42361	100RB#0-75RB#0	24.44	18.34	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42190-42361	1RB#0-0RB#0	25.62	19.52	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42516-42687	100RB#0-75RB#0	24.46	18.36	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42516-42687	1RB#0-0RB#0	25.52	19.42	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42841-43012	100RB#0-75RB#0	24.44	18.34	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42841-43012	1RB#0-0RB#0	25.45	19.35	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42190-42361	100RB#0-75RB#0	23.42	17.32	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42190-42361	1RB#0-0RB#0	24.44	18.34	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42516-42687	100RB#0-75RB#0	23.40	17.30	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42516-42687	1RB#0-0RB#0	24.31	18.21	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42841-43012	100RB#0-75RB#0	23.55	17.45	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42841-43012	1RB#0-0RB#0	24.31	18.21	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42190-42361	100RB#0-75RB#0	23.42	17.32	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42190-42361	1RB#0-0RB#0	23.80	17.70	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42516-42687	100RB#0-75RB#0	23.40	17.30	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42516-42687	1RB#0-0RB#0	23.44	17.34	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42841-43012	100RB#0-75RB#0	23.48	17.38	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42841-43012	1RB#0-0RB#0	23.74	17.64	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42190-42361	100RB#0-75RB#0	21.50	15.40	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42190-42361	1RB#0-0RB#0	20.63	14.53	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42516-42687	100RB#0-75RB#0	21.48	15.38	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42516-42687	1RB#0-0RB#0	20.53	14.43	30	PASS



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42-42	20MHz-15MHz	256QAM-256QAM	42841-43012	100RB#0-75RB#0	21.36	15.26	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42841-43012	1RB#0-0RB#0	20.53	14.43	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	100RB#0-100RB#0	24.47	18.37	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	1RB#0-0RB#0	25.67	19.57	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	24.40	18.30	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	1RB#0-0RB#0	25.54	19.44	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	100RB#0-100RB#0	24.54	18.44	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	1RB#0-0RB#0	25.48	19.38	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	100RB#0-100RB#0	23.49	17.39	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	1RB#0-0RB#0	24.55	18.45	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100RB#0	23.44	17.34	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	1RB#0-0RB#0	24.46	18.36	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	100RB#0-100RB#0	23.41	17.31	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	1RB#0-0RB#0	24.29	18.19	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	100RB#0-100RB#0	23.39	17.29	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	1RB#0-0RB#0	23.61	17.51	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	100RB#0-100RB#0	23.40	17.30	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	1RB#0-0RB#0	23.61	17.51	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	100RB#0-100RB#0	23.58	17.48	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	1RB#0-0RB#0	23.60	17.50	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	100RB#0-100RB#0	21.47	15.37	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	1RB#0-0RB#0	20.40	14.30	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	100RB#0-100RB#0	21.33	15.23	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	1RB#0-0RB#0	20.37	14.27	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	100RB#0-100RB#0	21.56	15.46	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	1RB#0-0RB#0	20.60	14.50	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42190-42307	100RB#0-25RB#0	24.74	18.64	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42190-42307	1RB#0-0RB#0	25.65	19.55	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42565-42682	100RB#0-25RB#0	24.33	18.23	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42565-42682	1RB#0-0RB#0	25.44	19.34	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43057	100RB#0-25RB#0	24.45	18.35	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43057	1RB#0-0RB#0	25.56	19.46	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43507	1RB#0-0RB#0	23.57	17.47	30	PASS



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42-42	20MHz-5MHz	16QAM-16QAM	42190-42307	100RB#0-25RB#0	24.54	18.44	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42190-42307	1RB#0-0RB#0	23.46	17.36	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42565-42682	100RB#0-25RB#0	24.57	18.47	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42565-42682	1RB#0-0RB#0	23.43	17.33	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43057	100RB#0-25RB#0	24.67	18.57	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43057	1RB#0-0RB#0	23.61	17.51	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43507	1RB#0-0RB#0	23.68	17.58	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42190-42307	100RB#0-25RB#0	23.32	17.22	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42190-42307	1RB#0-0RB#0	23.48	17.38	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42565-42682	100RB#0-25RB#0	23.56	17.46	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42565-42682	1RB#0-0RB#0	23.83	17.73	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42940-43057	100RB#0-25RB#0	21.50	15.40	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42940-43057	1RB#0-0RB#0	20.76	14.66	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42190-42307	100RB#0-25RB#0	21.57	15.47	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42190-42307	1RB#0-0RB#0	20.56	14.46	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42565-42682	100RB#0-25RB#0	21.58	15.48	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42565-42682	1RB#0-0RB#0	20.46	14.36	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42940-43057	100RB#0-25RB#0	25.58	19.48	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42940-43057	1RB#0-0RB#0	23.31	17.21	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42123-42240	1RB#0-0RB#0	25.42	19.32	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42123-42240	50RB#0-100RB#0	22.98	16.88	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42498-42615	1RB#0-0RB#0	25.64	19.54	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42498-42615	50RB#0-100RB#0	22.92	16.82	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	22.99	16.89	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42123-42240	1RB#0-0RB#0	24.47	18.37	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42123-42240	50RB#0-100RB#0	22.76	16.66	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42498-42615	1RB#0-0RB#0	24.43	18.33	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42498-42615	50RB#0-100RB#0	22.95	16.85	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42873-42990	1RB#0-0RB#0	24.60	18.50	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42873-42990	50RB#0-100RB#0	23.41	17.31	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42123-42240	1RB#0-0RB#0	23.57	17.47	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42123-42240	50RB#0-100RB#0	22.90	16.80	30	PASS



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42-42	5MHz-20MHz	64QAM-64QAM	42498-42615	1RB#0-0RB#0	23.58	17.48	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42498-42615	50RB#0-100RB#0	22.98	16.88	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42873-42990	1RB#0-0RB#0	20.54	14.44	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42873-42990	50RB#0-100RB#0	21.00	14.90	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42123-42240	1RB#0-0RB#0	20.42	14.32	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42123-42240	50RB#0-100RB#0	20.94	14.84	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42498-42615	1RB#0-0RB#0	20.54	14.44	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42498-42615	50RB#0-100RB#0	21.06	14.96	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42873-42990	1RB#0-0RB#0	25.74	19.64	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42873-42990	50RB#0-100RB#0	24.66	18.56	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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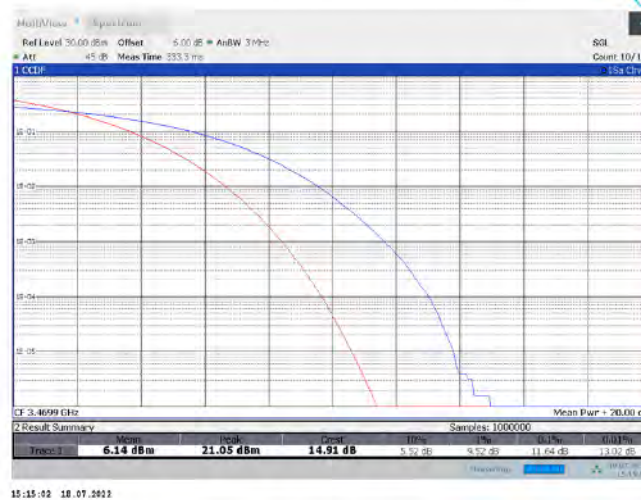
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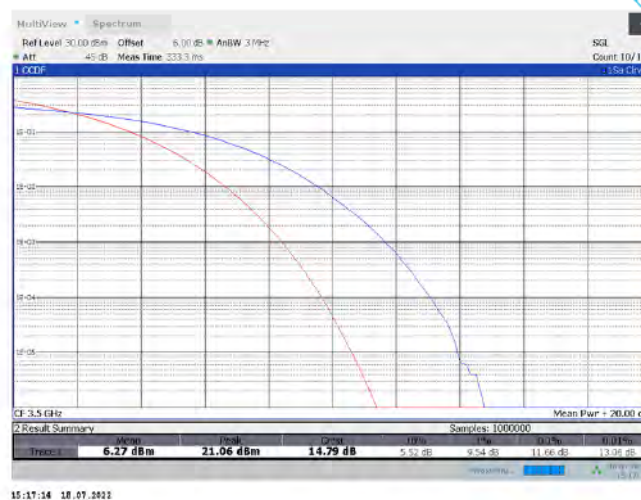
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Test Graphs

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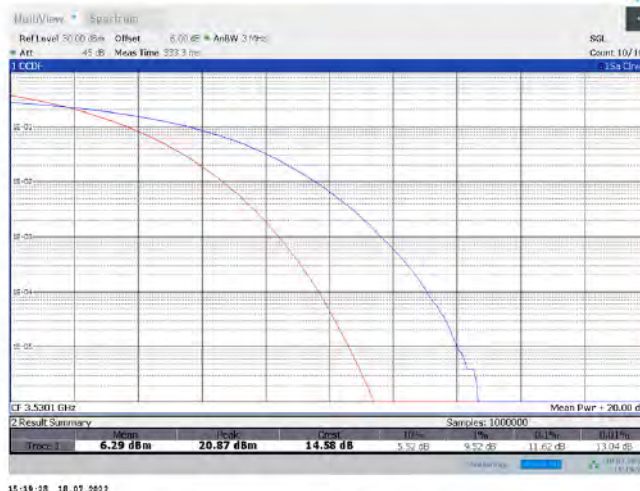
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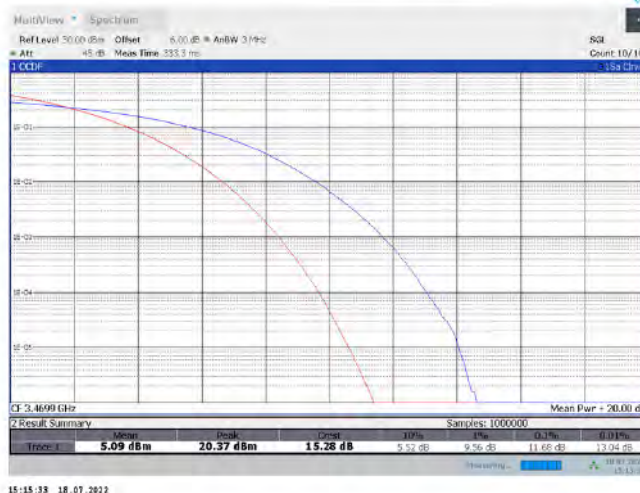
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42-42-20MHz-20MHz-QPSK-QPSK-42792-42990-100RB#0-100RB#0



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



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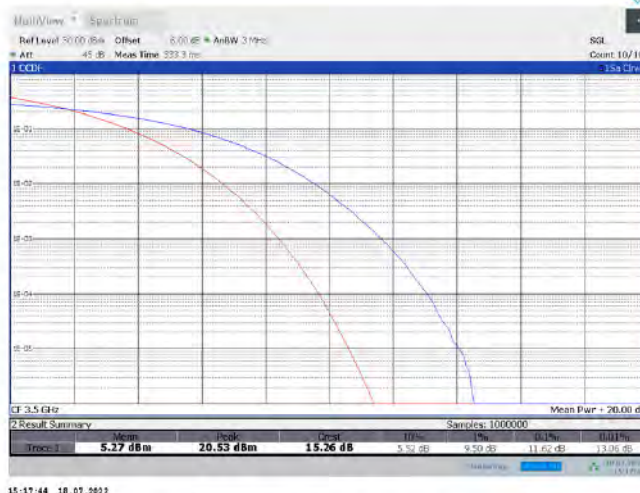
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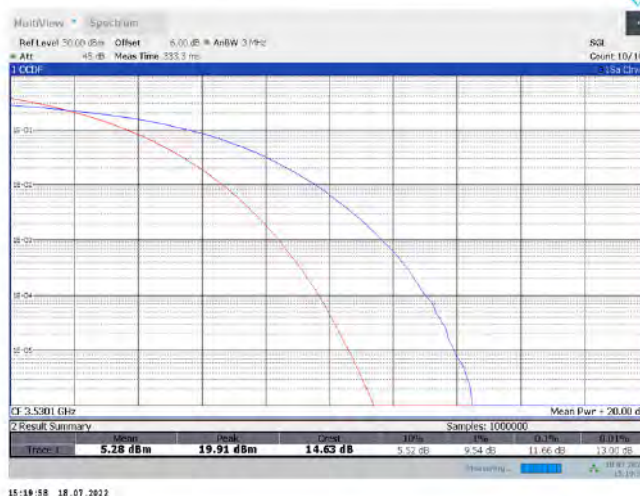
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42-42-20MHz-20MHz-16QAM-16QAM-42491-42689-100RB#0-100RB#0



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



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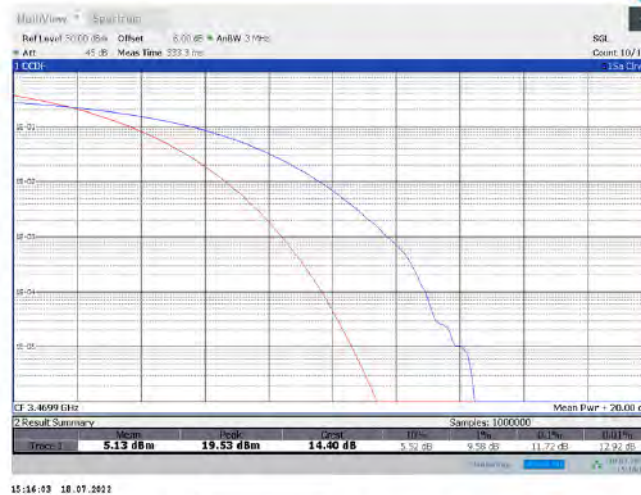
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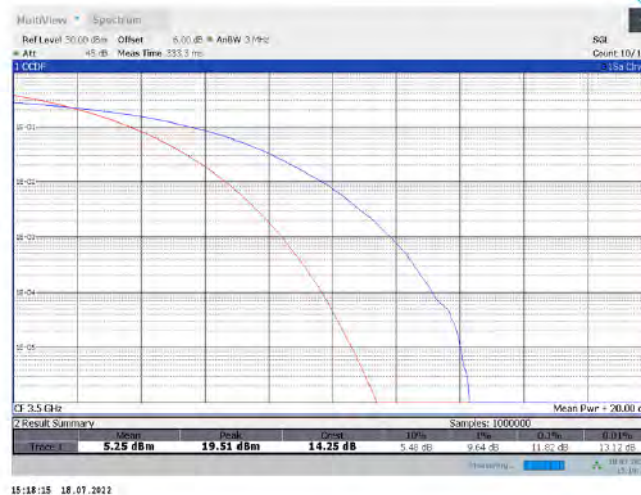
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42-42-20MHz-20MHz-64QAM-64QAM-42190-42388-100RB#0-100RB#0



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



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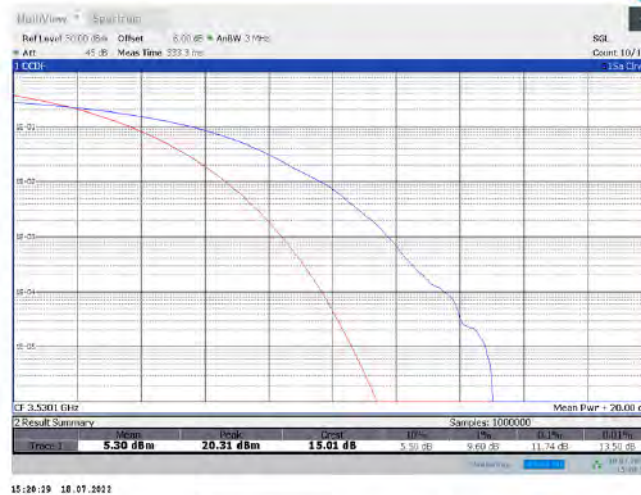
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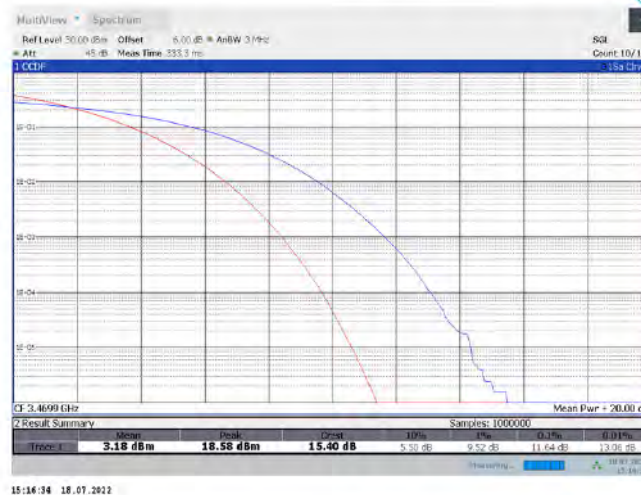
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42-42-20MHz-20MHz-64QAM-64QAM-42792-42990-100RB#0-100RB#0



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



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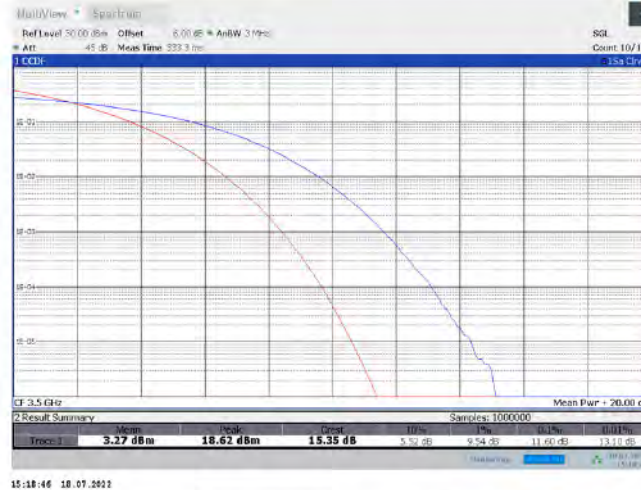
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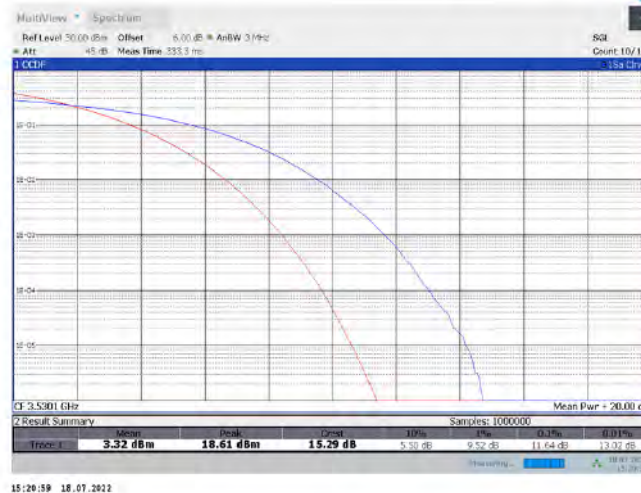
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42-42-20MHz-20MHz-256QAM-256QAM-42491-42689-100RB#0-100RB#0



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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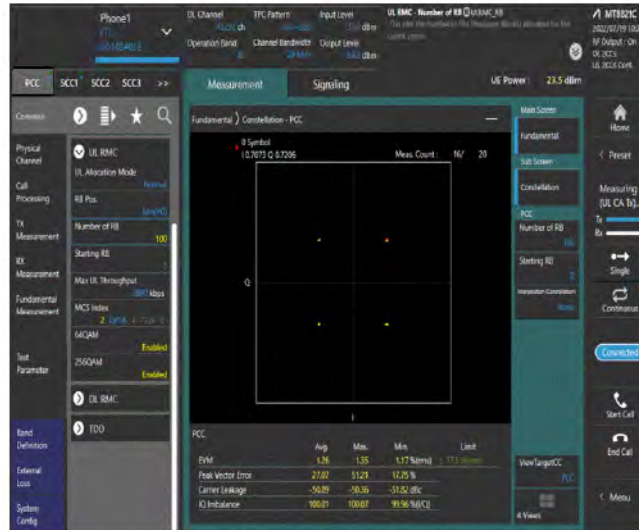
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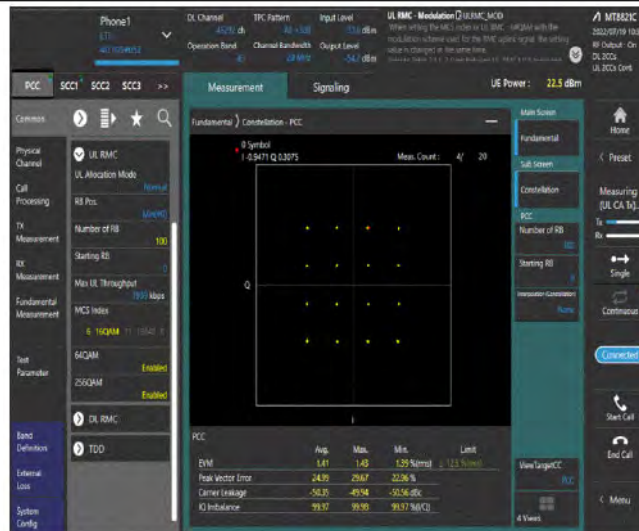
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Test Graphs

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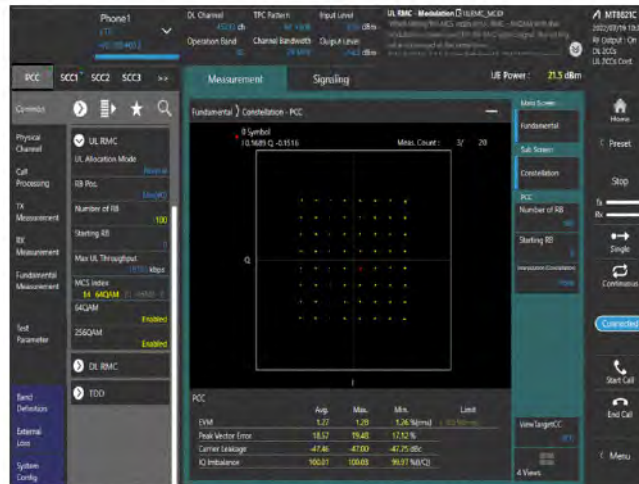
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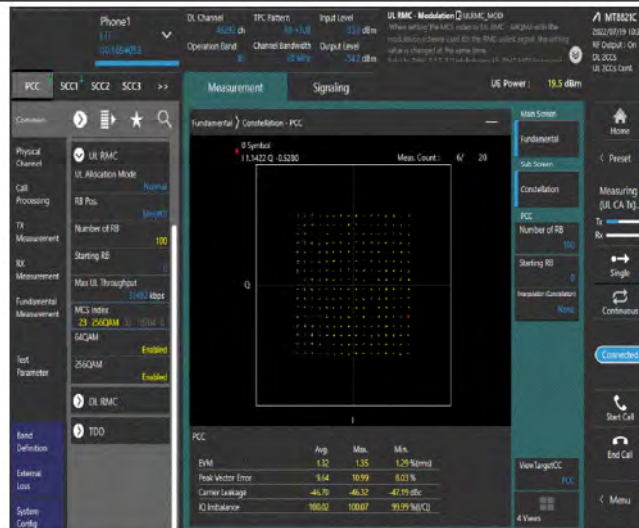
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42-42-20MHz-20MHz-64QAM-64QAM-42491-42689-100RB#0-100RB#0



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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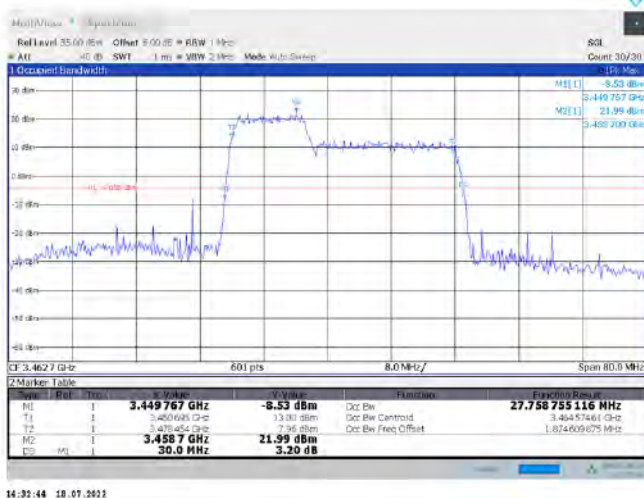
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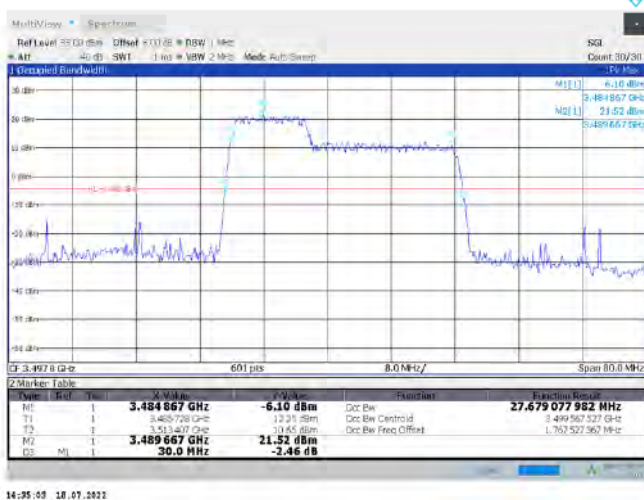
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Test Graphs

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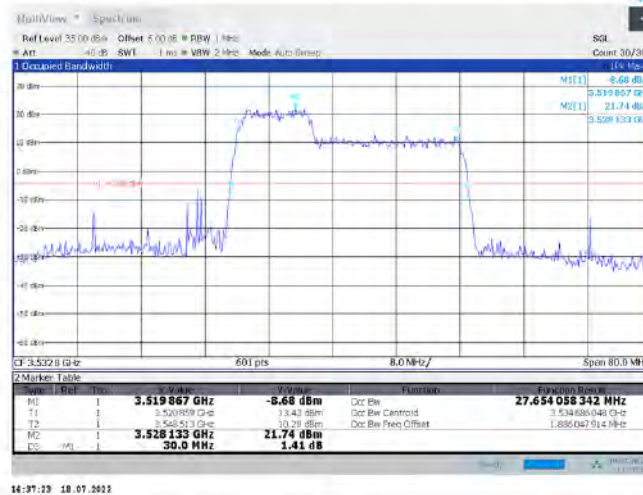
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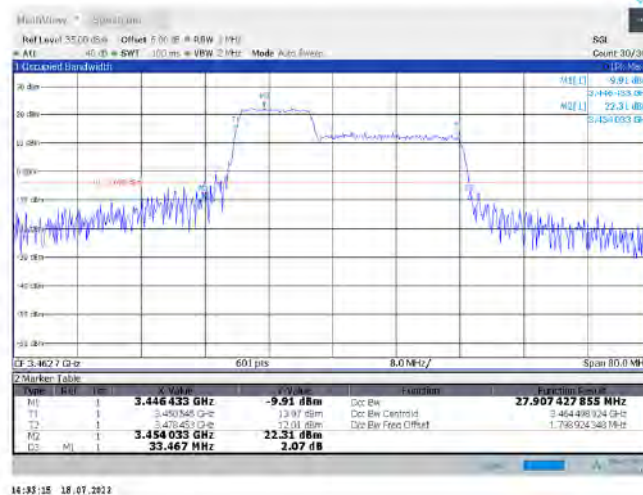
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42-42-10MHz-20MHz-QPSK-QPSK-42846-42990-50RB#0-100RB#0



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



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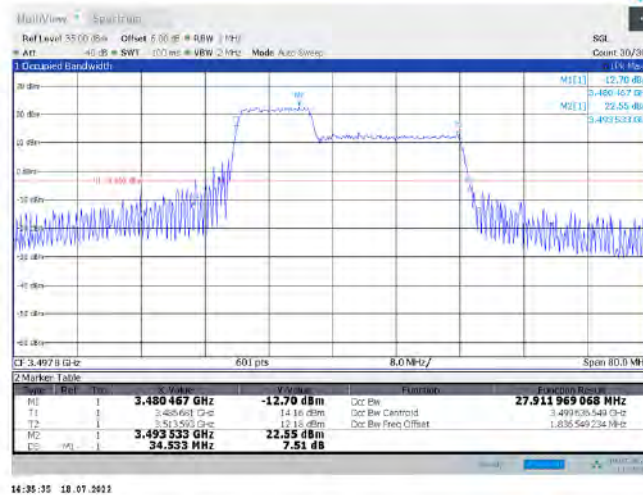
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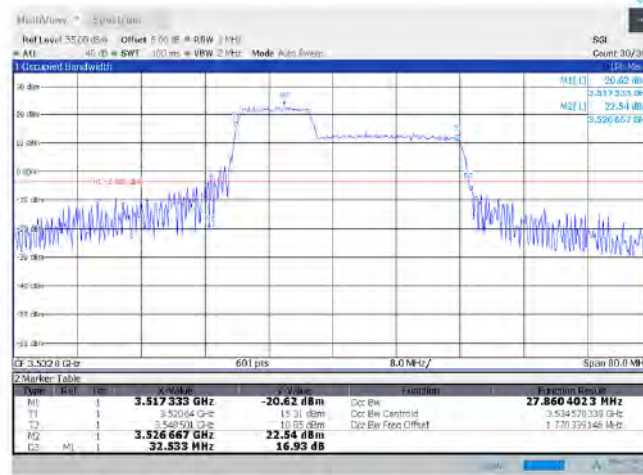
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42-42-10MHz-20MHz-16QAM-16QAM-42496-42640-50RB#0-100RB#0



14:35:35 18.07.2022

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14:37:54 18.07.2022



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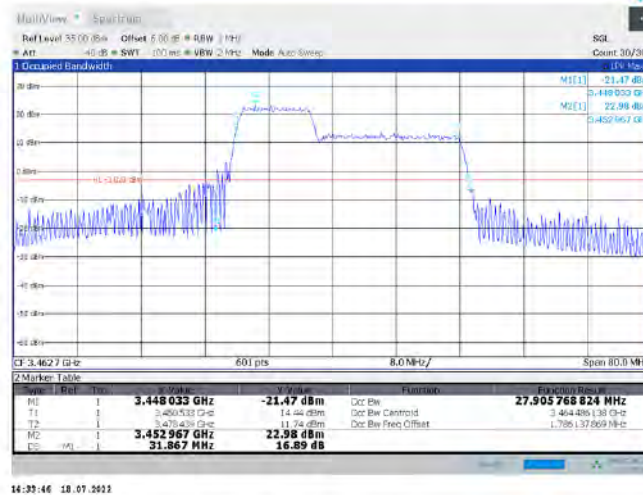
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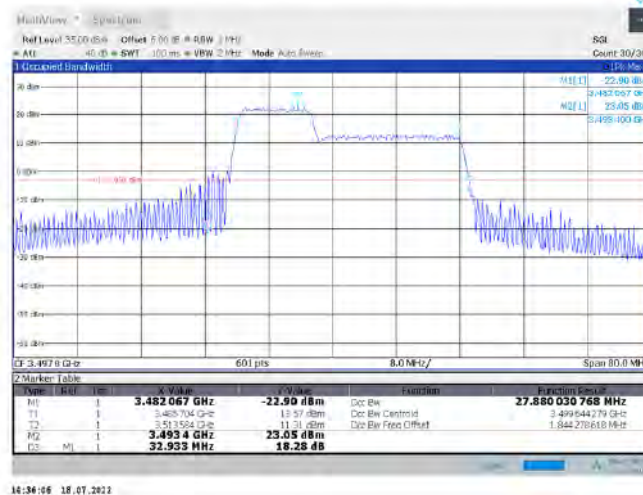
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42-42-10MHz-20MHz-64QAM-64QAM-42145-42289-50RB#0-100RB#0



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



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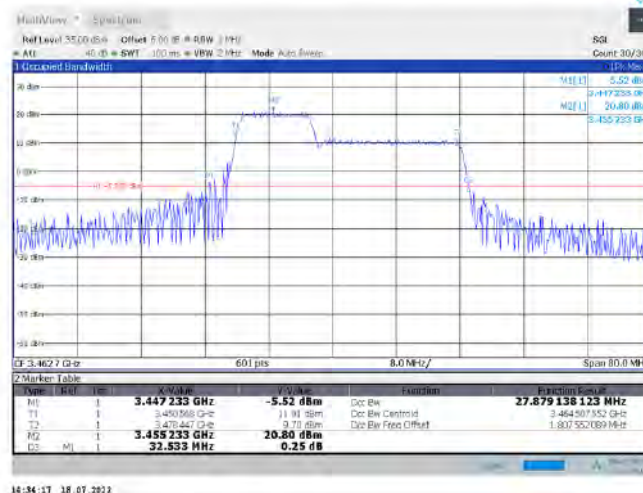
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42-42-10MHz-20MHz-64QAM-64QAM-42846-42990-50RB#0-100RB#0



14:38:16 18.07.2022

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



14:34:17 18.07.2022



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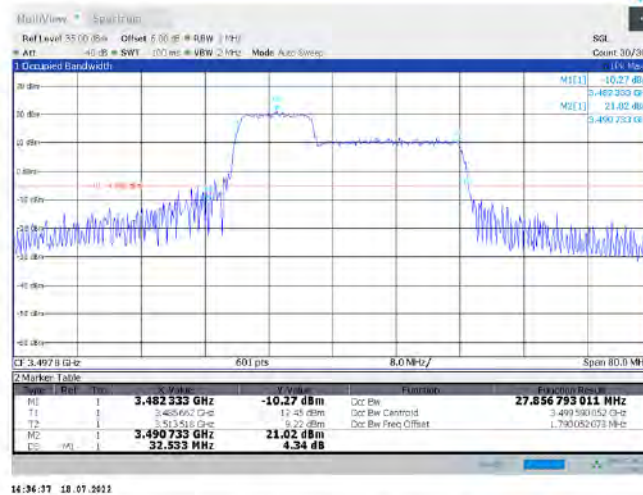
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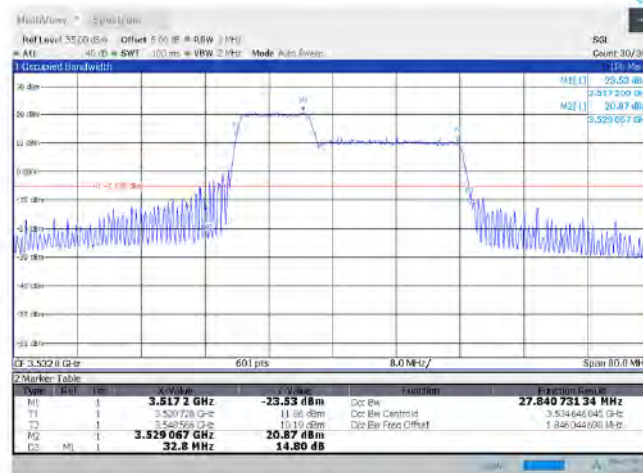
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42-42-10MHz-20MHz-256QAM-256QAM-42496-42640-50RB#0-100RB#0



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



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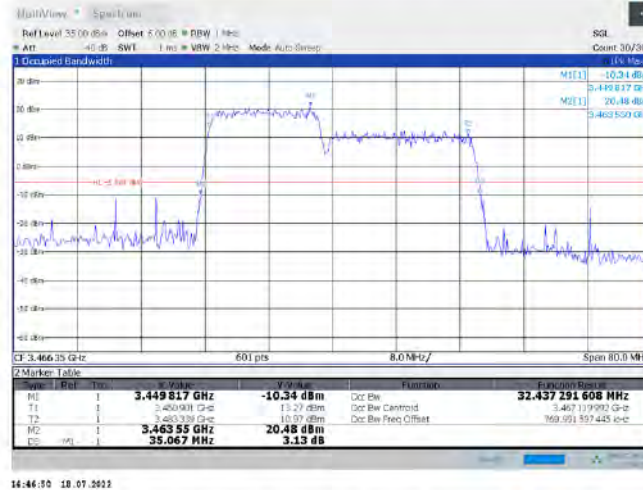
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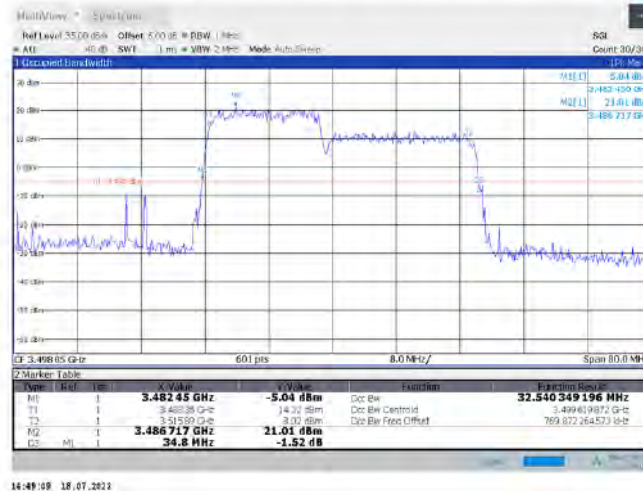
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42-42-15MHz-20MHz-QPSK-QPSK-42493-42664-75RB#0-100RB#0



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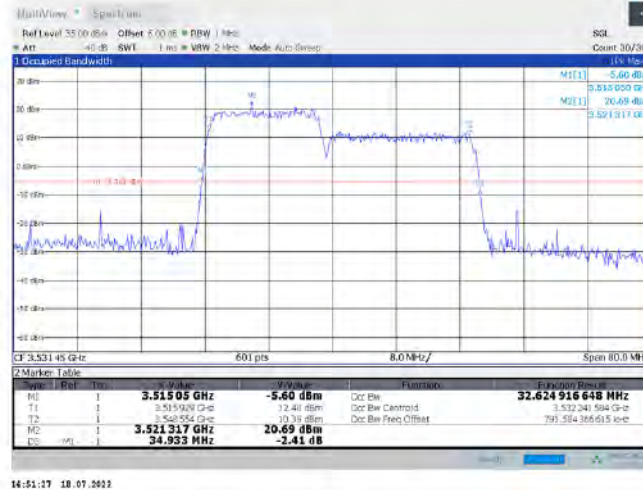
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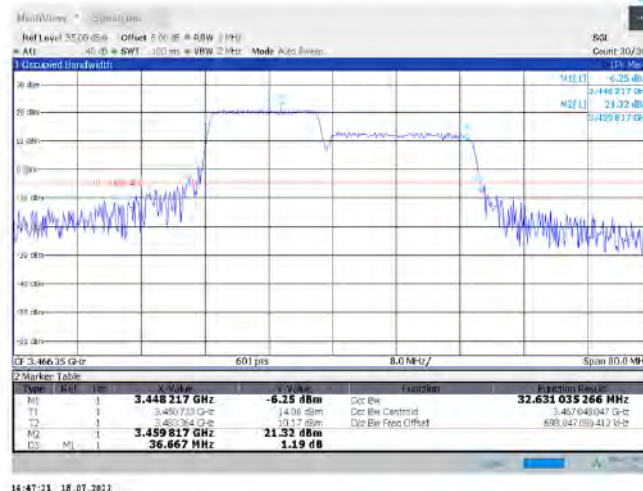
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42-42-15MHz-20MHz-16QAM-16QAM-42168-42339-75RB#0-100RB#0



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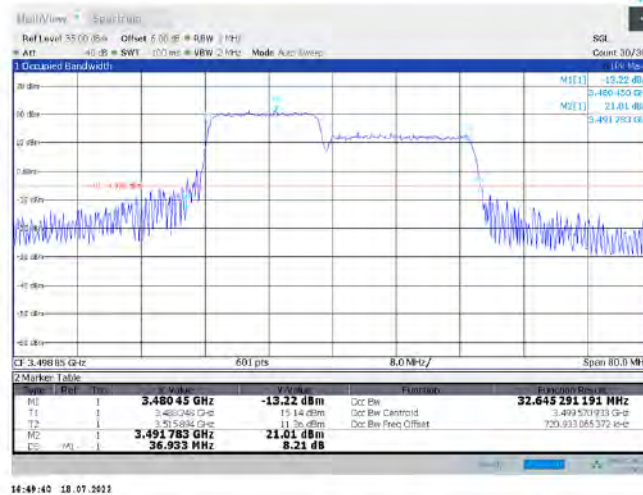
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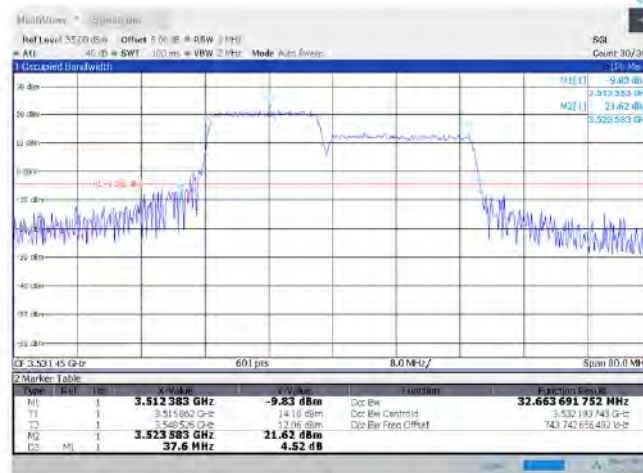
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42-42-15MHz-20MHz-16QAM-16QAM-42493-42664-75RB#0-100RB#0



14:49:40 18.07.2022

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



14:51:58 18.07.2022



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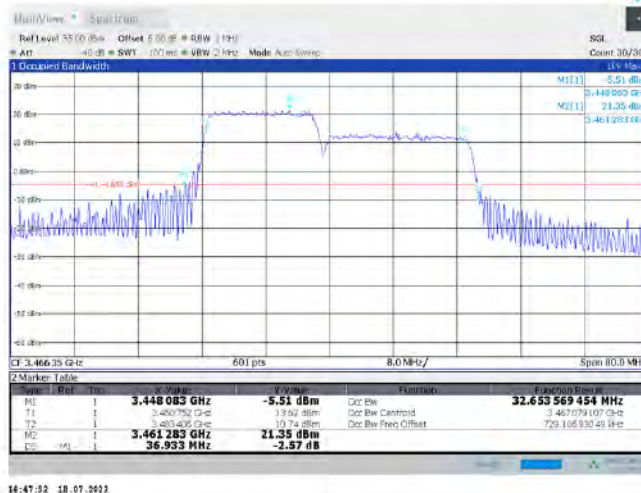
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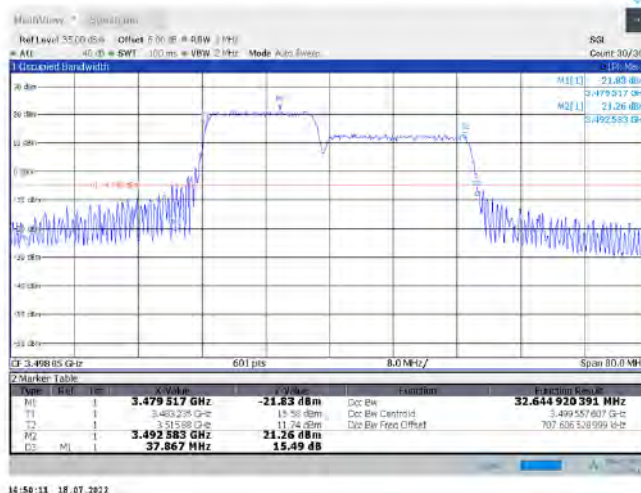
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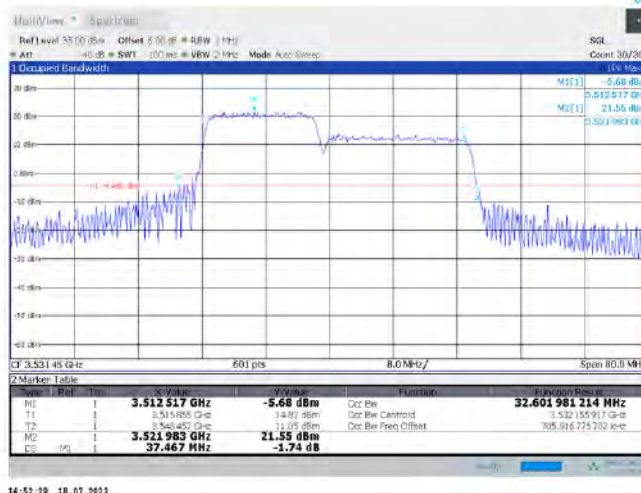
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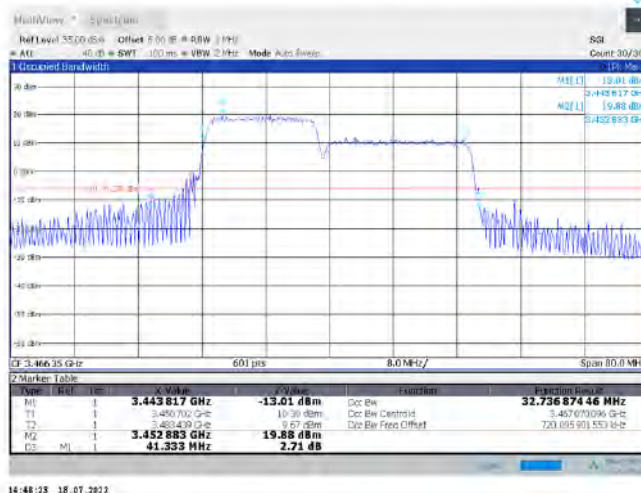
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14-52-20 18-07-5022

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



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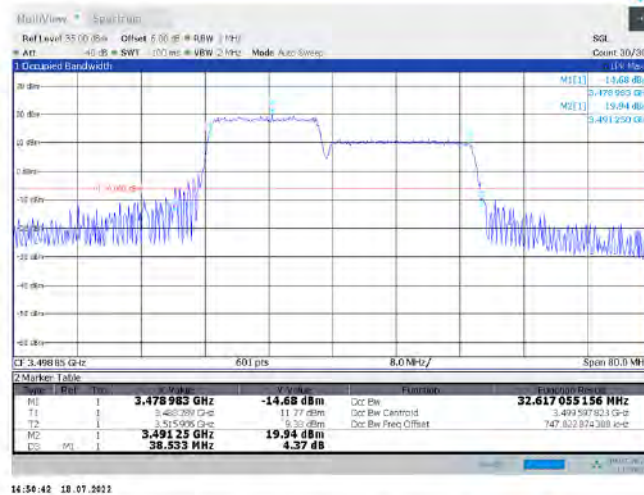
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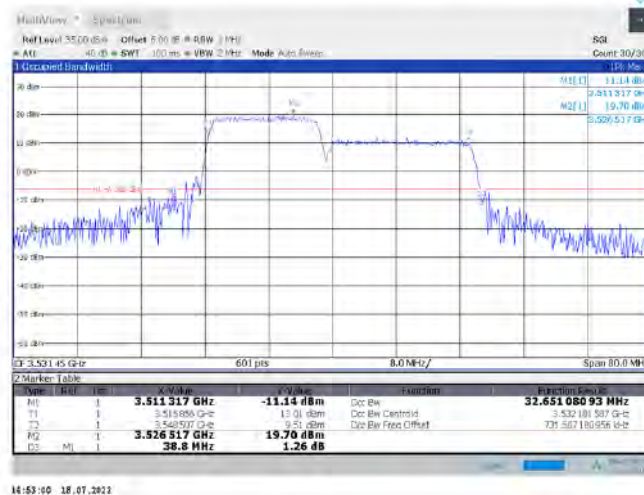
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42-42-15MHz-20MHz-256QAM-256QAM-42493-42664-75RB#0-100RB#0



42-42-15MHz-20MHz-256QAM-256QAM-42819-42990-75RB#0-100RB#0



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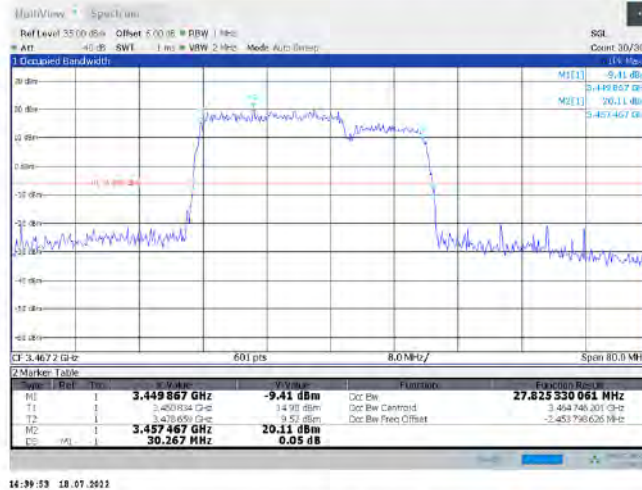
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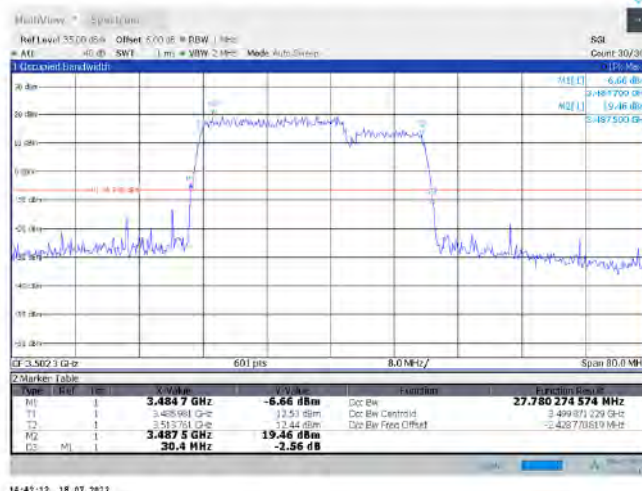
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42-42-20MHz-10MHz-QPSK-QPSK-42190-42334-100RB#0-50RB#0



14:39:53 18.07.2022

42-42-20MHz-10MHz-QPSK-QPSK-42541-42685-100RB#0-50RB#0



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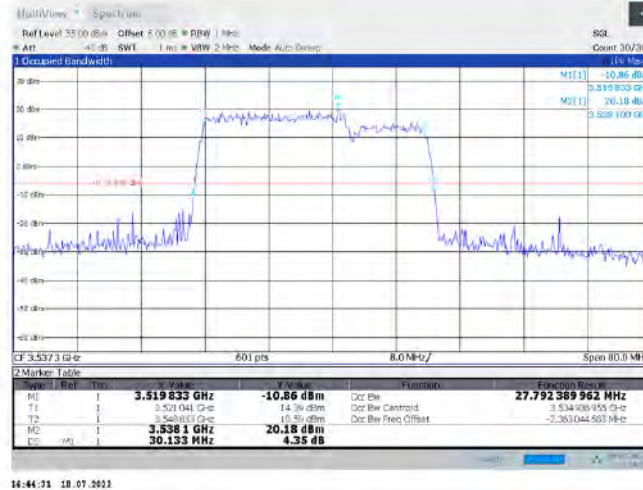
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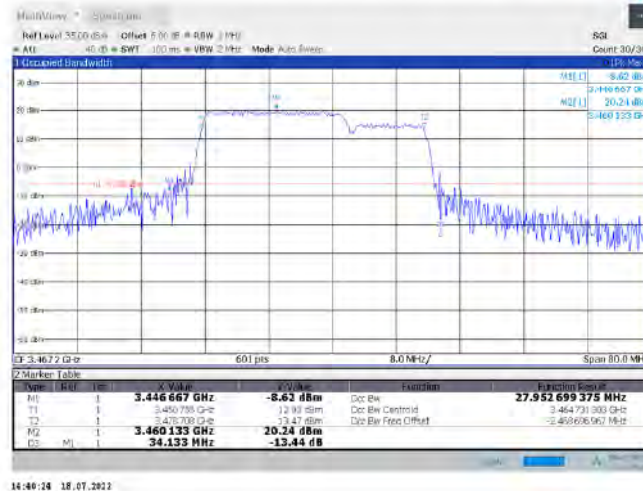
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14:44:31 18.07.2022

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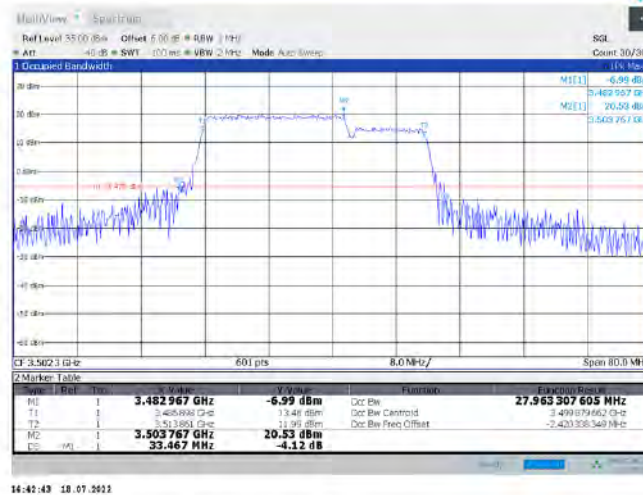
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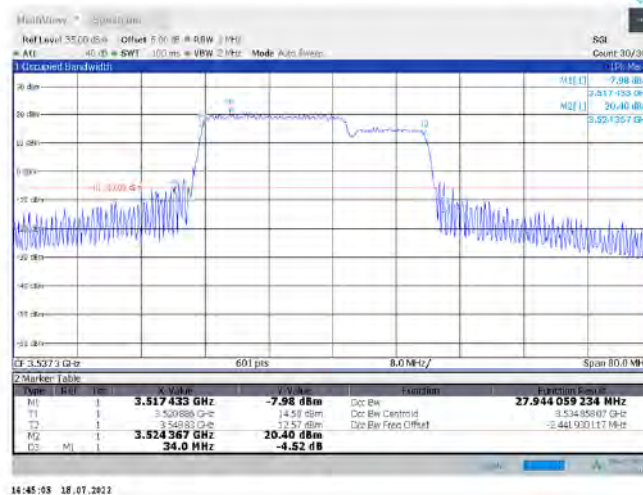
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42-42-20MHz-10MHz-16QAM-16QAM-42541-42685-100RB#0-50RB#0



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



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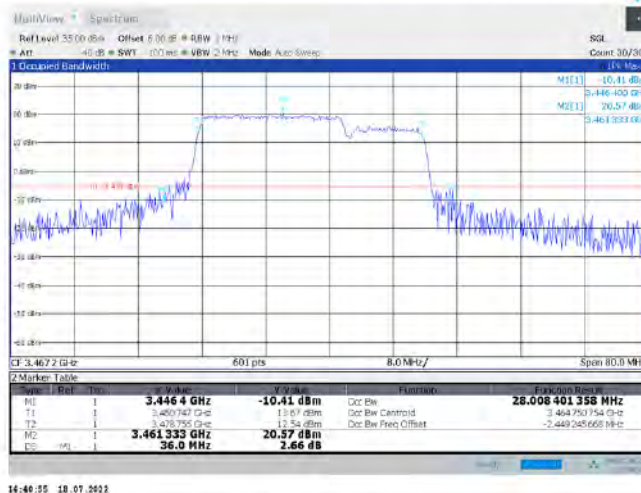
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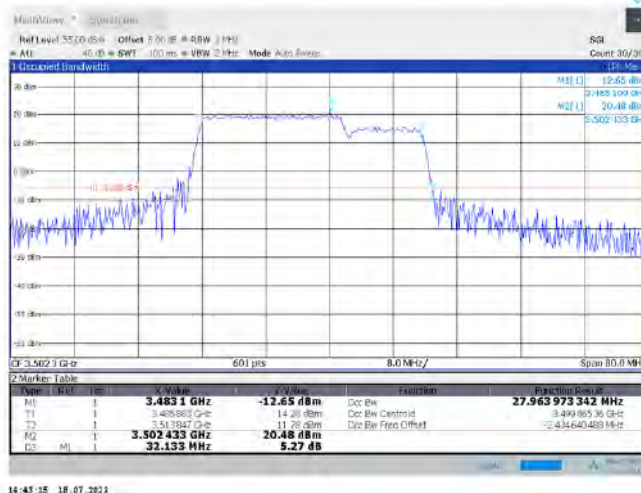
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42-42-20MHz-10MHz-64QAM-64QAM-42190-42334-100RB#0-50RB#0



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42-42-20MHz-10MHz-64QAM-64QAM-42541-42685-100RB#0-50RB#0



14:43:35 18.07.2022



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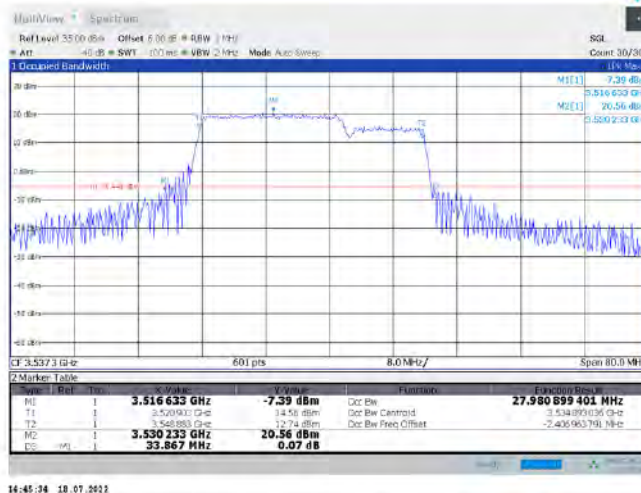
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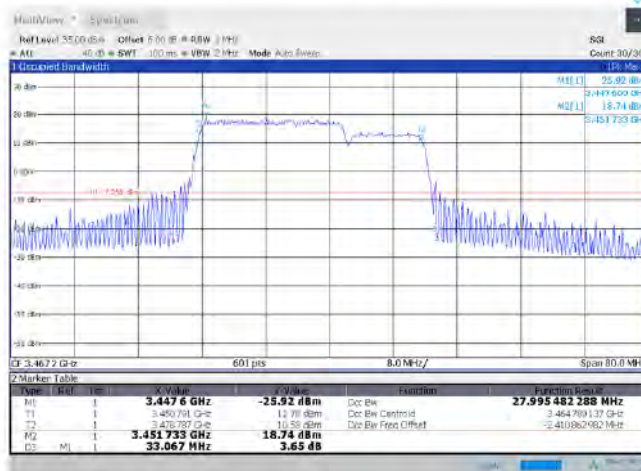
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14:45:34 18.07.2022

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



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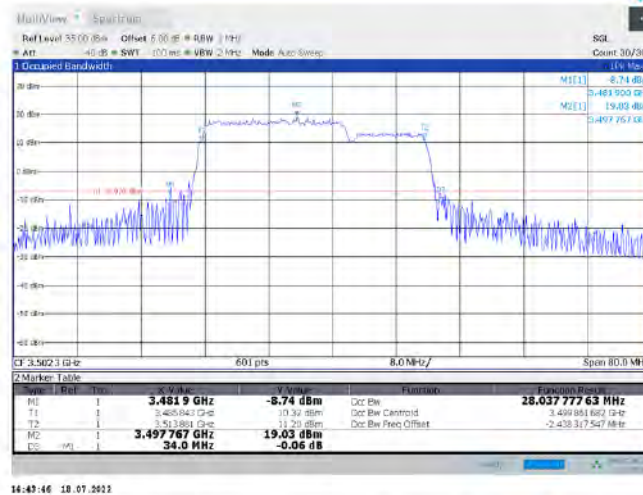
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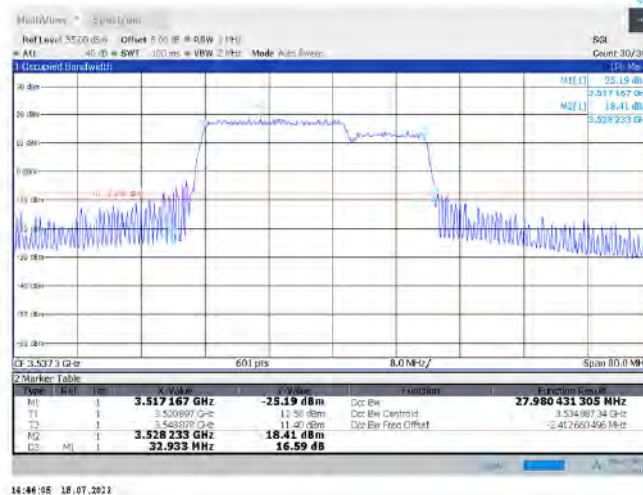
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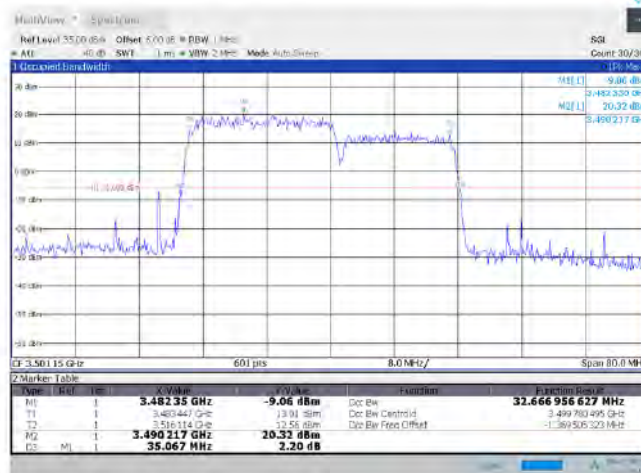
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42-42-20MHz-15MHz-QPSK-QPSK-42190-42361-100RB#0-75RB#0



14:53:56 18.07.2022

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



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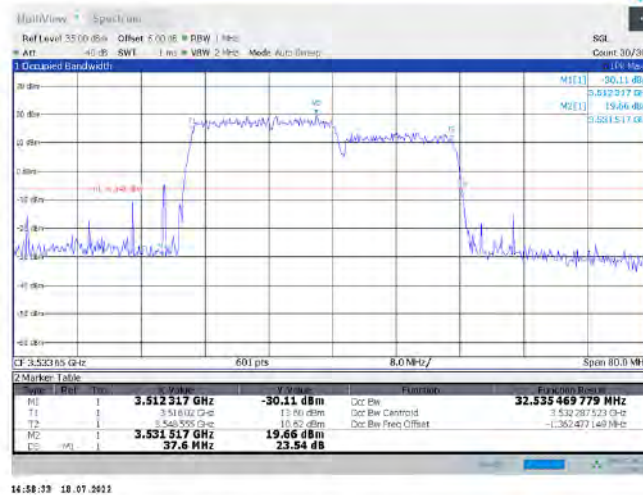
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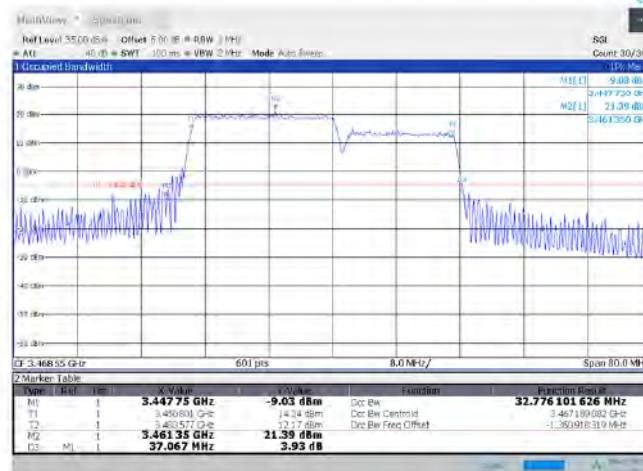
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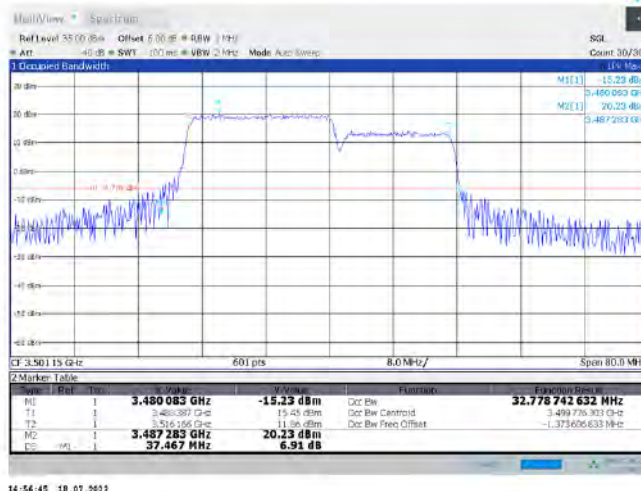
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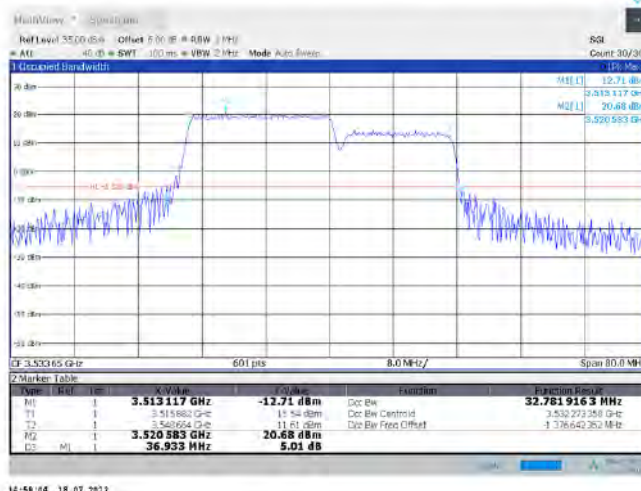
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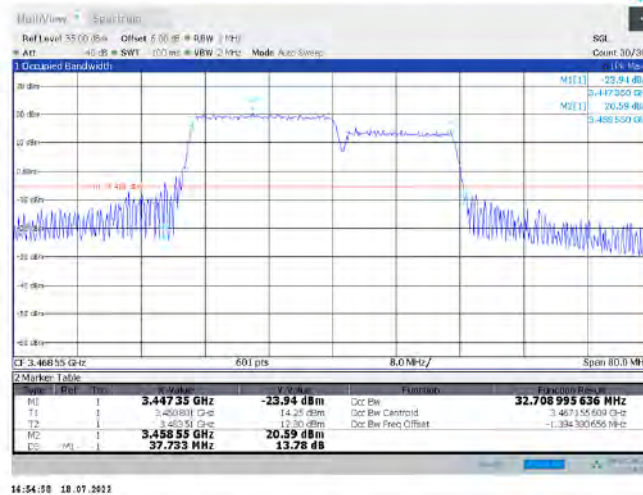
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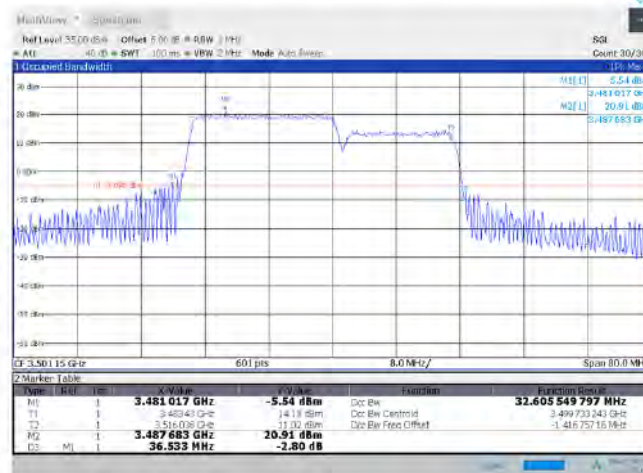
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42-42-20MHz-15MHz-64QAM-64QAM-42190-42361-100RB#0-75RB#0



14:54:58 18.07.2022

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14:57:17 18.07.2022



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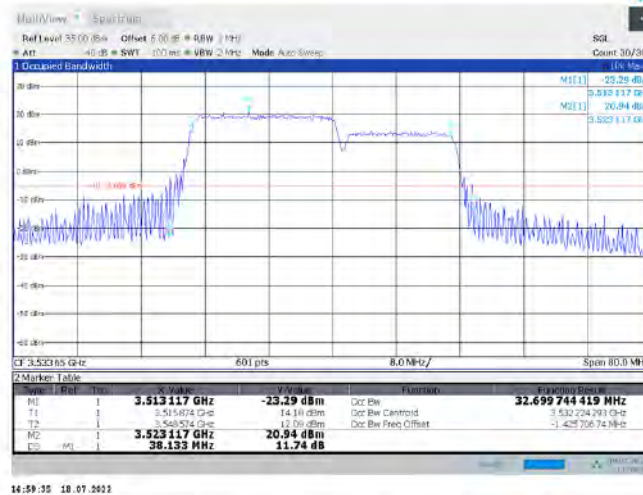
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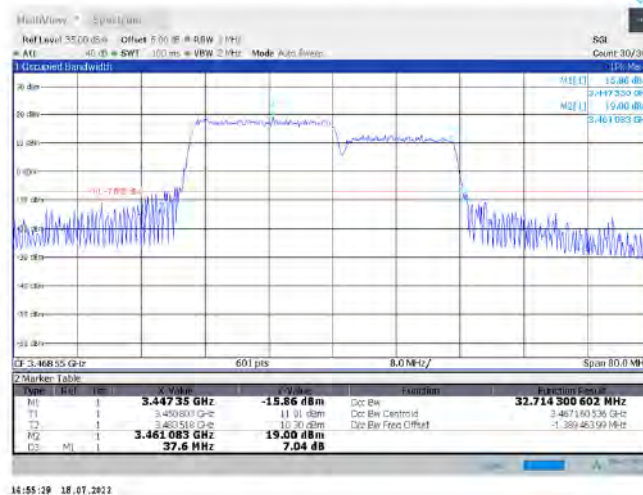
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42-42-20MHz-15MHz-64QAM-64QAM-42841-43012-100RB#0-75RB#0



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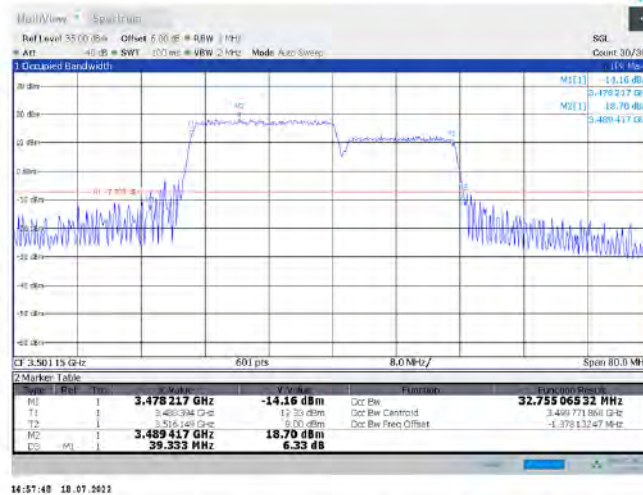


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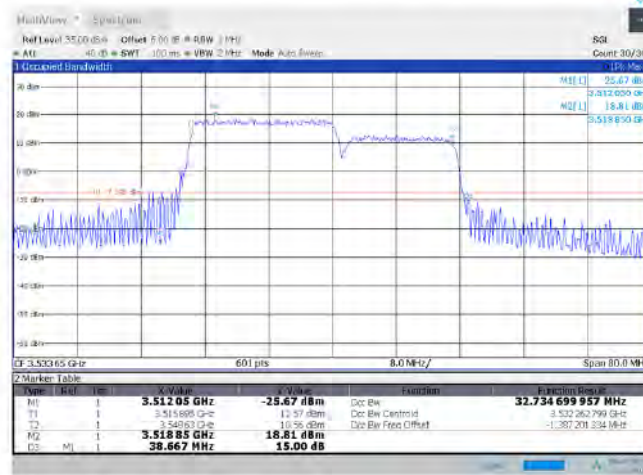
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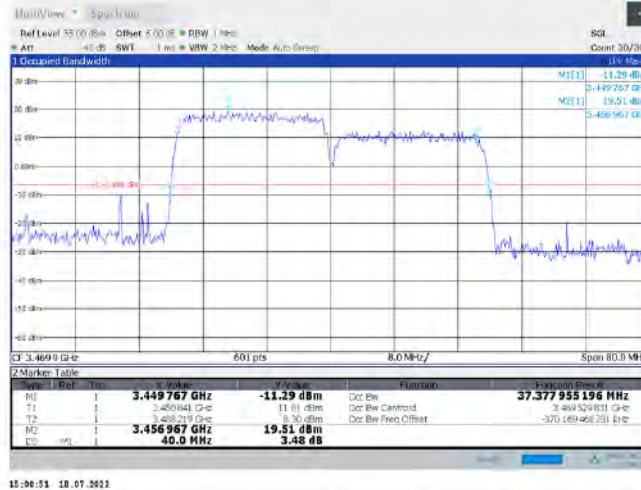
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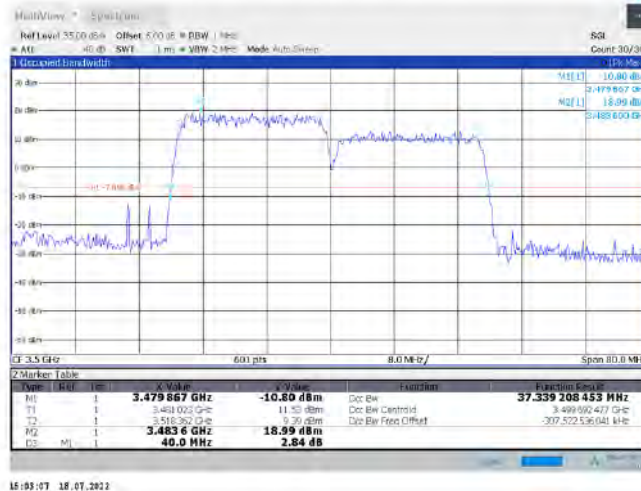
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42-42-20MHz-20MHz-QPSK-QPSK-42190-42388-100RB#0-100RB#0



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



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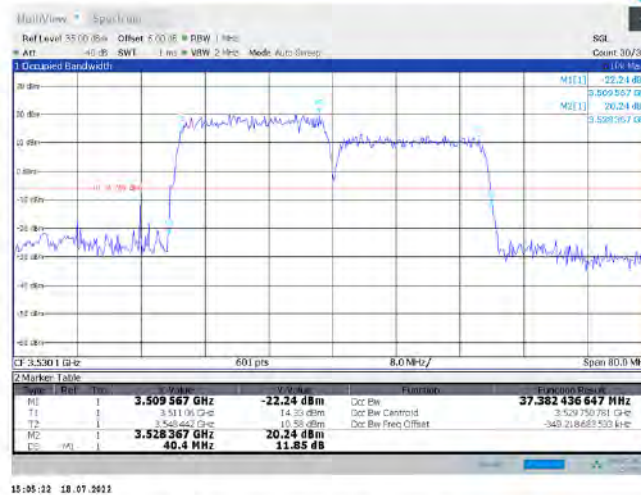
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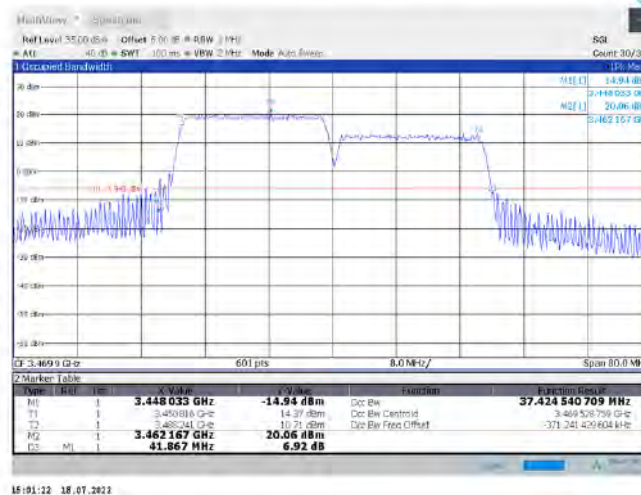
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42-42-20MHz-20MHz-16QAM-16QAM-42190-42388-100RB#0-100RB#0



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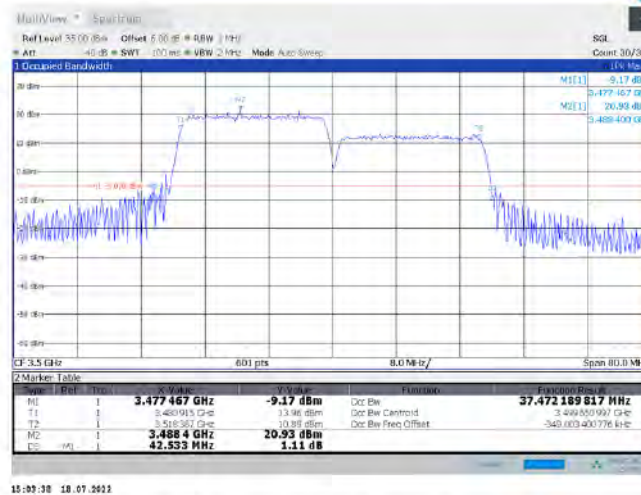
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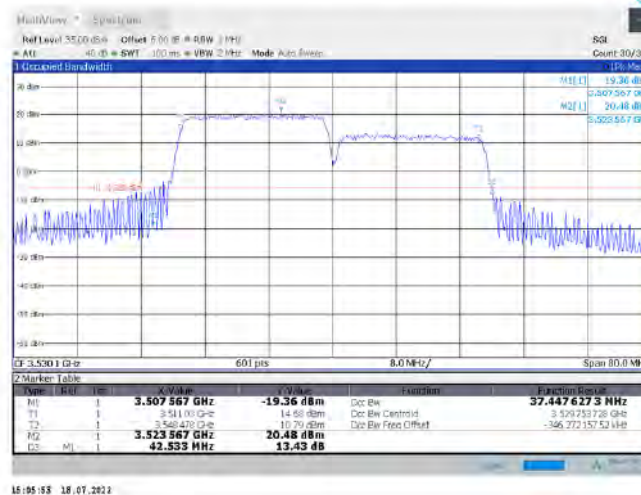
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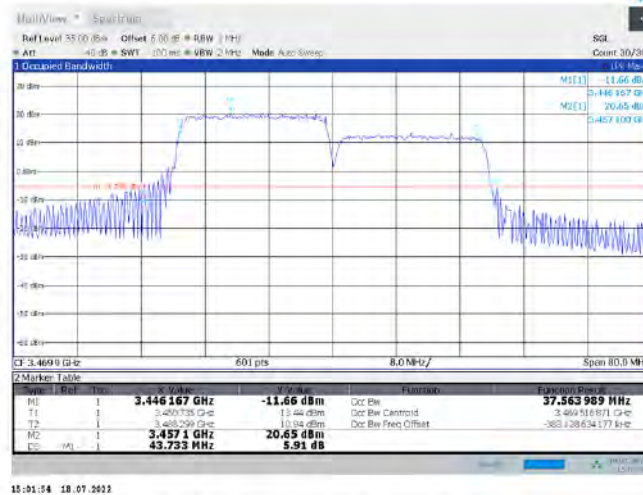


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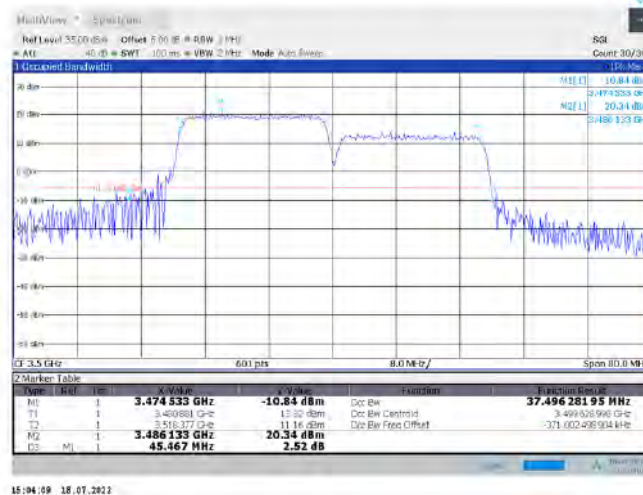
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42-42-20MHz-20MHz-64QAM-64QAM-42190-42388-100RB#0-100RB#0



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



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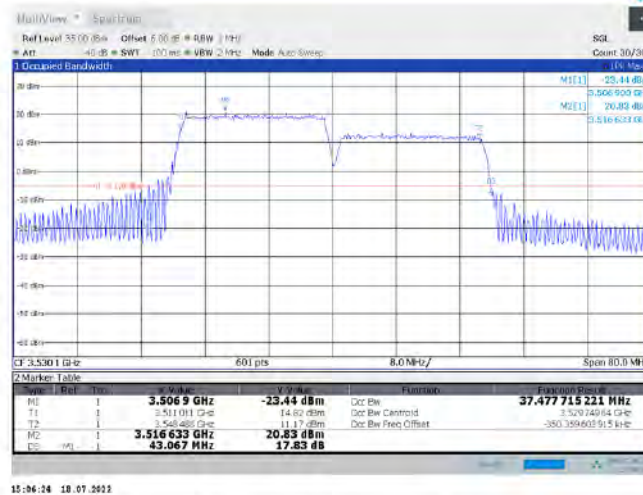
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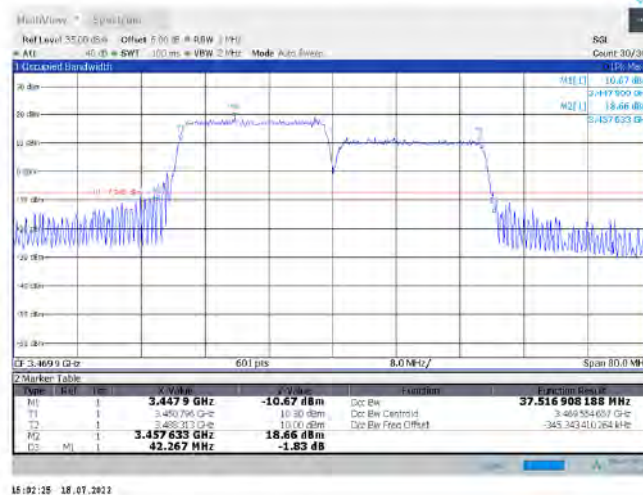
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16:32:25 18.07.2022



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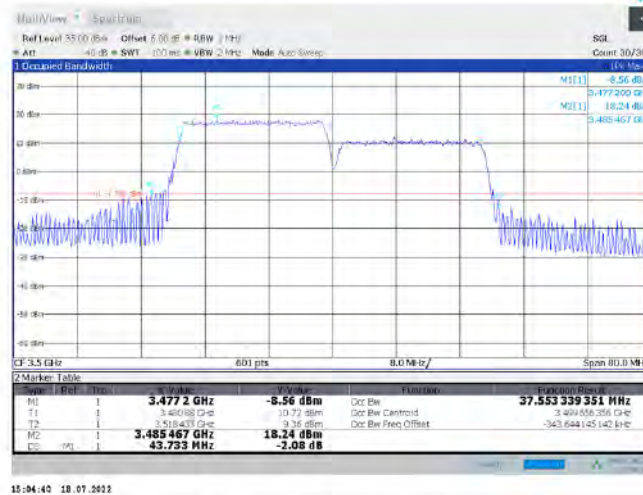
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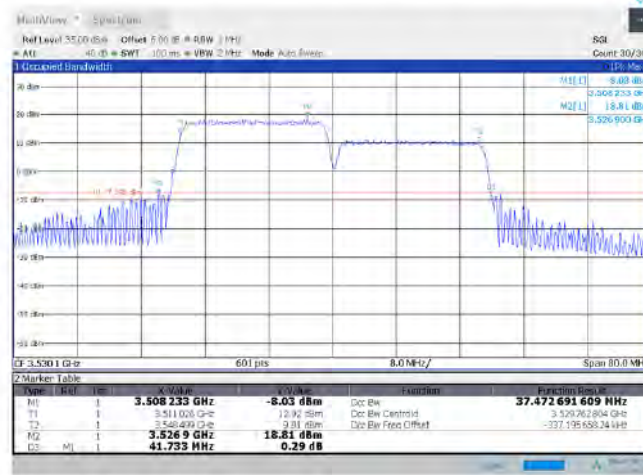
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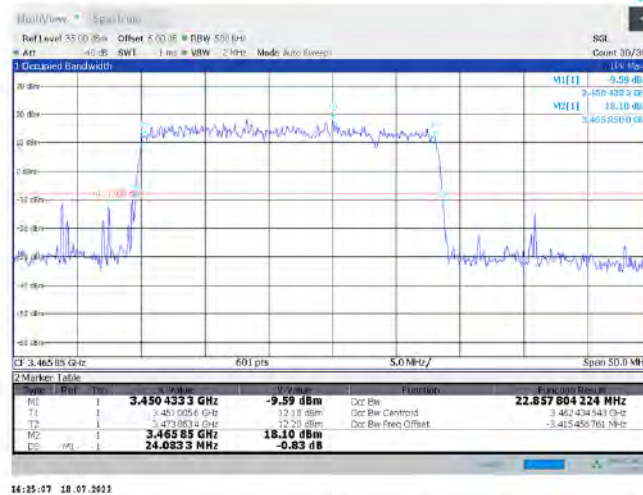
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42-42-20MHz-5MHz-QPSK-QPSK-42940-43057-100RB#0-25RB#0



14:30:34 18.07.2022



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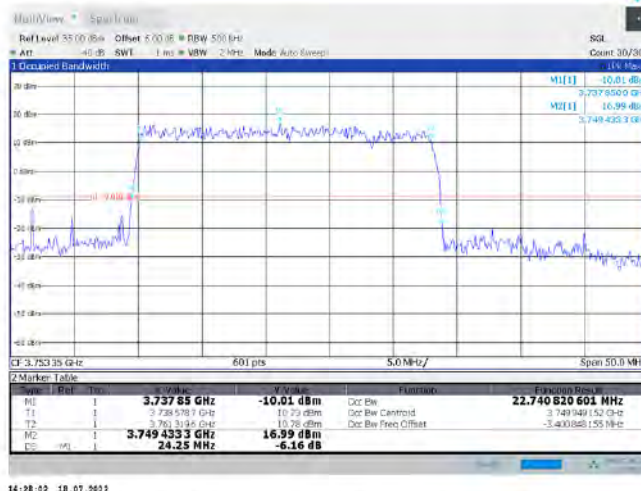
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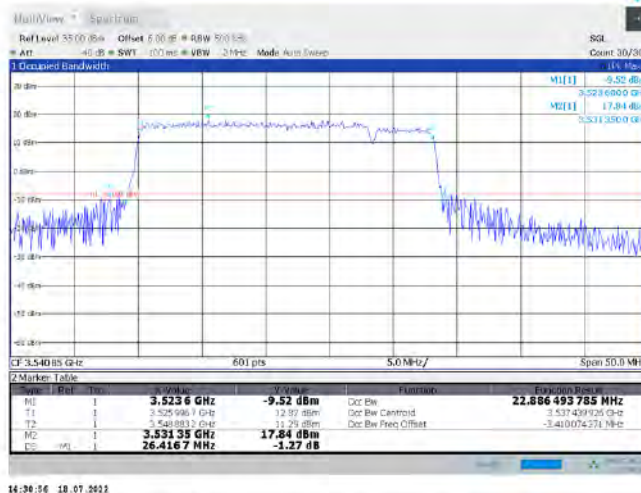
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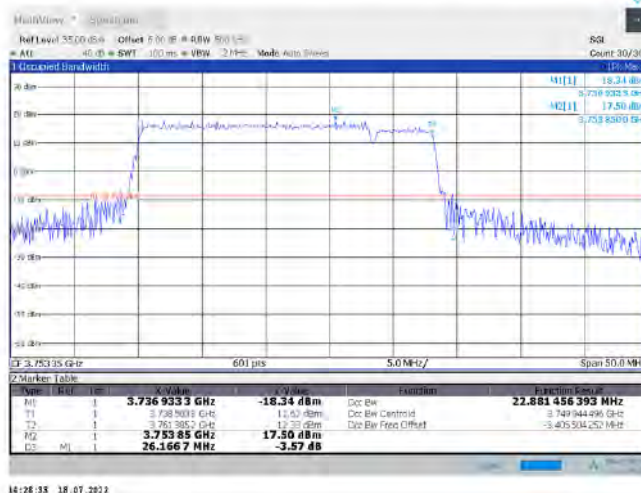
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42-42-20MHz-5MHz-16QAM-16QAM-42940-43057-100RB#0-25RB#0



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42-42-20MHz-5MHz-16QAM-16QAM-45065-45182-100RB#0-25RB#0



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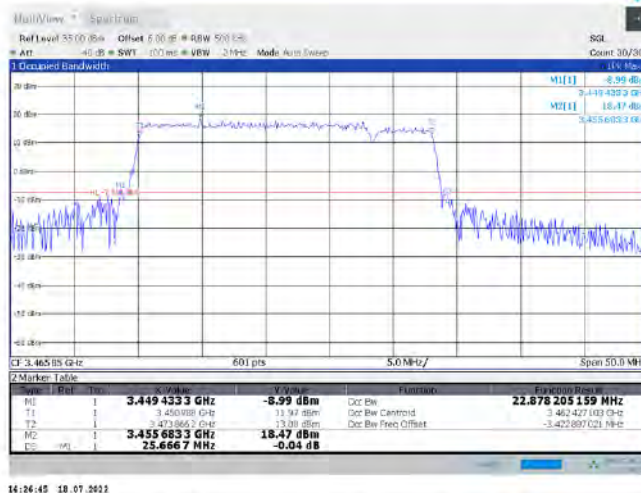
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42-42-20MHz-5MHz-64QAM-64QAM-42940-43057-100RB#0-25RB#0



14:31:27 18.07.2022



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42-42-20MHz-5MHz-64QAM-64QAM-45065-45182-100RB#0-25RB#0



14:29:05 18.07.2022

42-42-20MHz-5MHz-256QAM-256QAM-42190-42307-100RB#0-25RB#0



14:27:16 18.07.2022



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42-42-20MHz-5MHz-256QAM-256QAM-42940-43057-100RB#0-25RB#0



14:31:58 18.07.2022

42-42-20MHz-5MHz-256QAM-256QAM-45065-45182-100RB#0-25RB#0



14:29:36 18.07.2022



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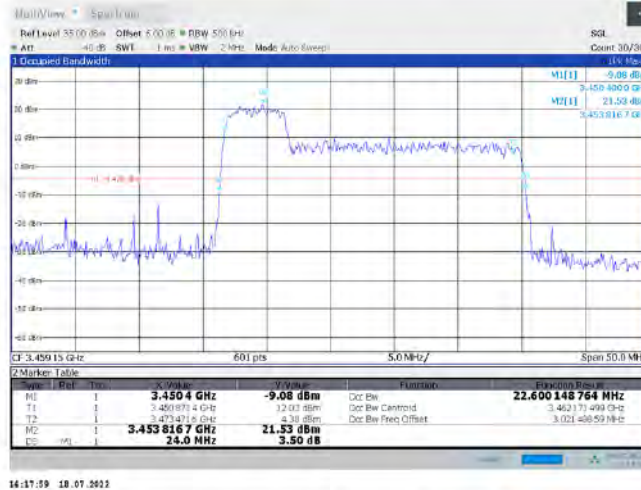
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42-42-5MHz-20MHz-QPSK-QPSK-42123-42240-25RB#0-100RB#0



14:17:59 18.07.2022

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



14:20:18 18.07.2022



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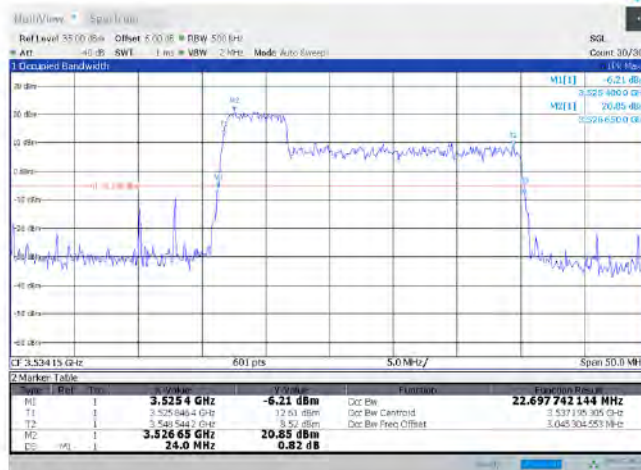
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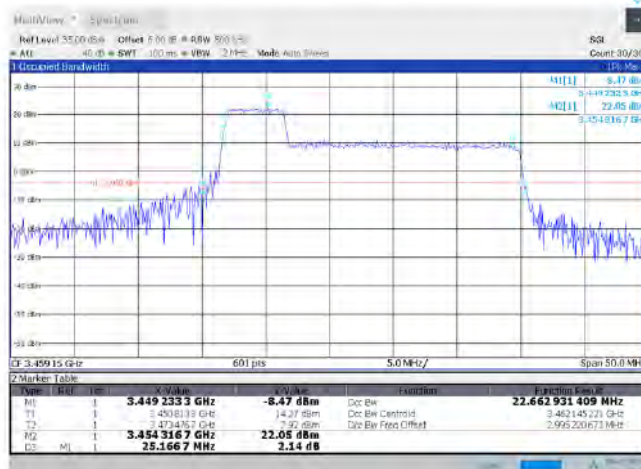
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42-42-5MHz-20MHz-QPSK-QPSK-42873-42990-25RB#0-100RB#0



14:22:37 18.07.2022

42-42-5MHz-20MHz-16QAM-16QAM-42123-42240-25RB#0-100RB#0



14:18:30 18.07.2022



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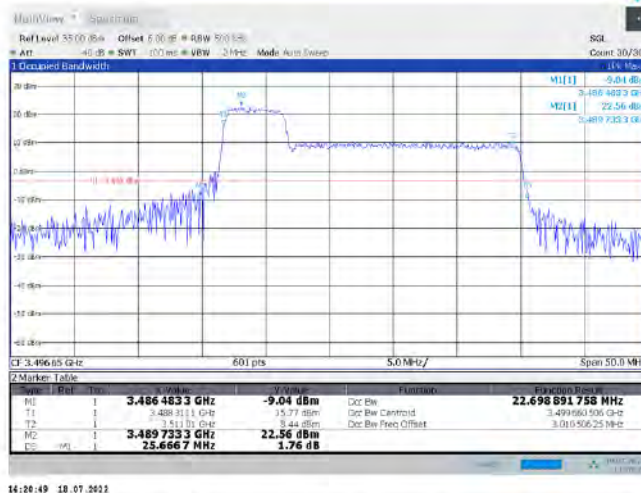
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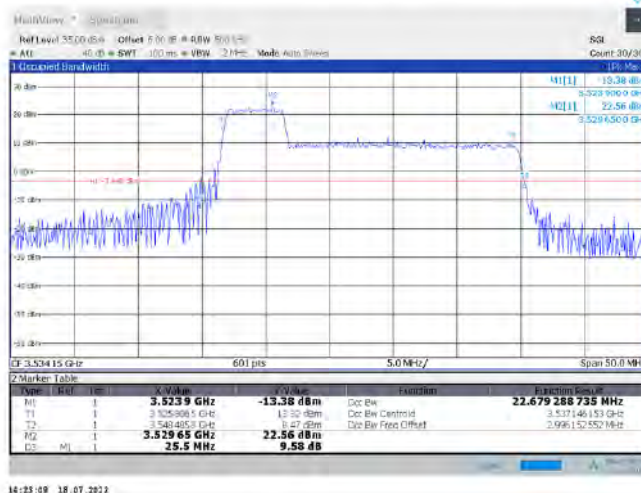
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42-42-5MHz-20MHz-16QAM-16QAM-42498-42615-25RB#0-100RB#0



14:20:49 18.07.2022

42-42-5MHz-20MHz-16QAM-16QAM-42873-42990-25RB#0-100RB#0



14:23:59 18.07.2022



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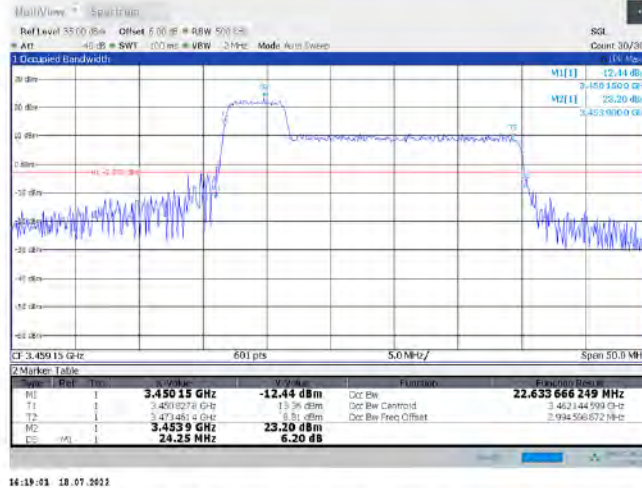
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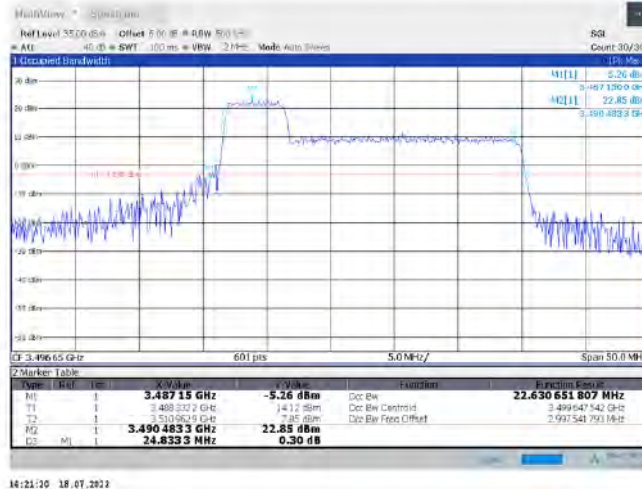
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42-42-5MHz-20MHz-64QAM-64QAM-42123-42240-25RB#0-100RB#0



14:19:01 18.07.2022

42-42-5MHz-20MHz-64QAM-64QAM-42498-42615-25RB#0-100RB#0



14:21:30 18.07.2022



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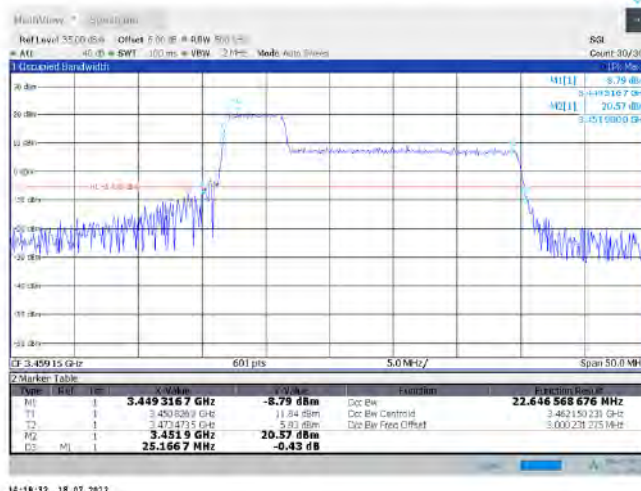
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42-42-5MHz-20MHz-64QAM-64QAM-42873-42990-25RB#0-100RB#0



14:23:40 18.07.2022

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



14:19:32 18.07.2022



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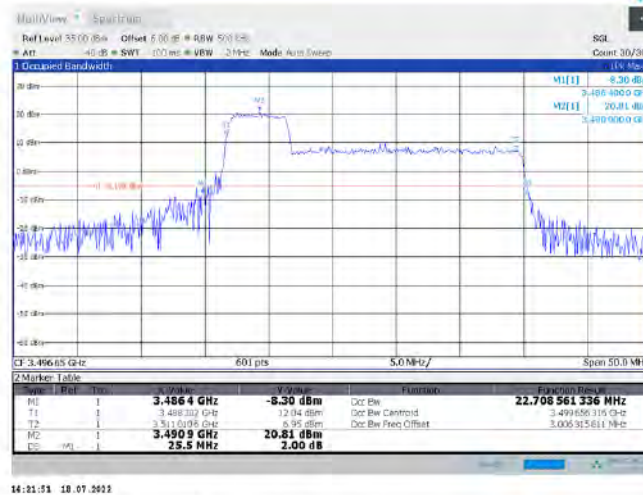
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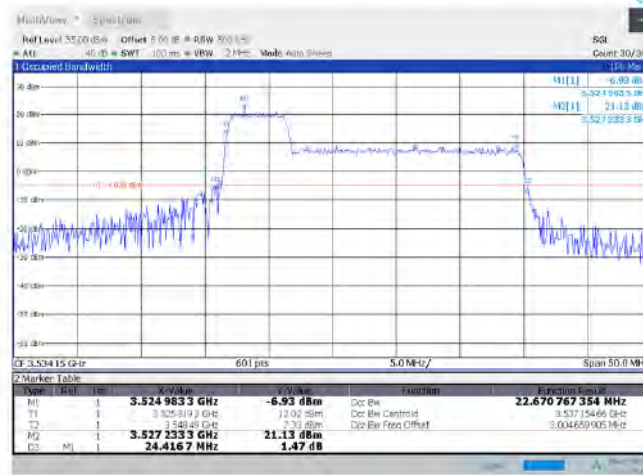
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14:21:51 18.07.2022

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



14:24:11 18.07.2022



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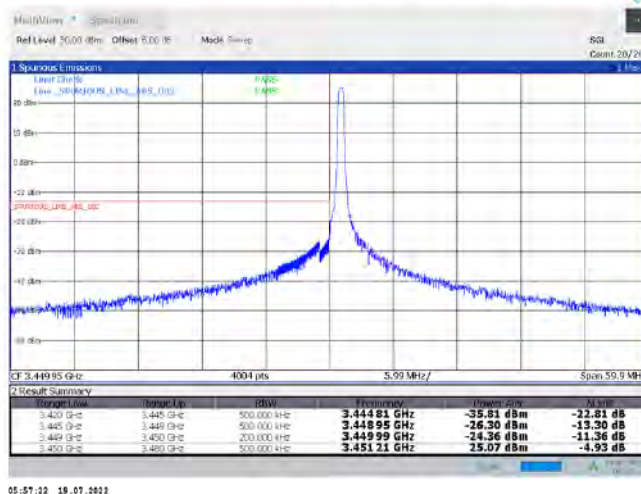
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Band Edge

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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