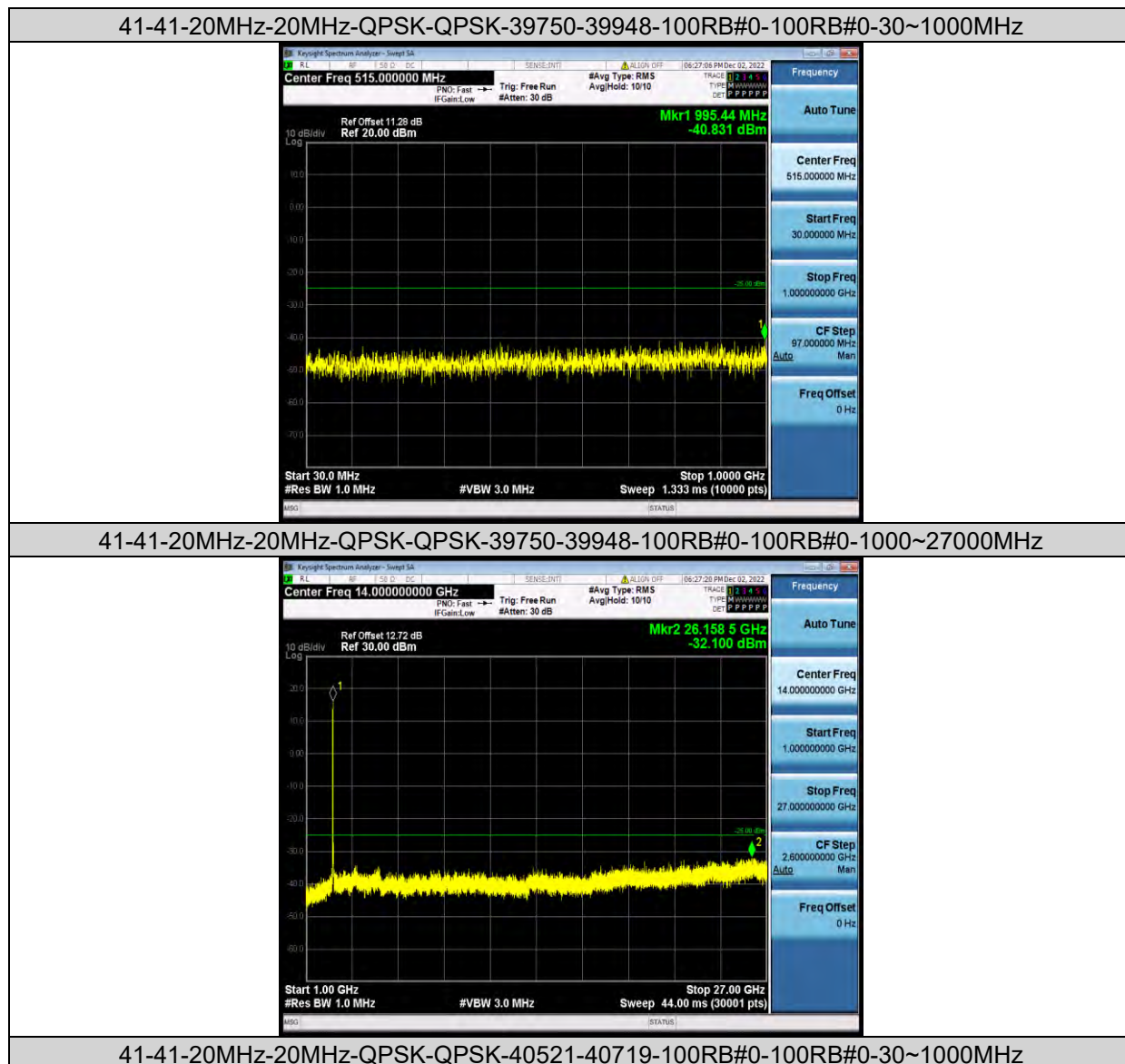
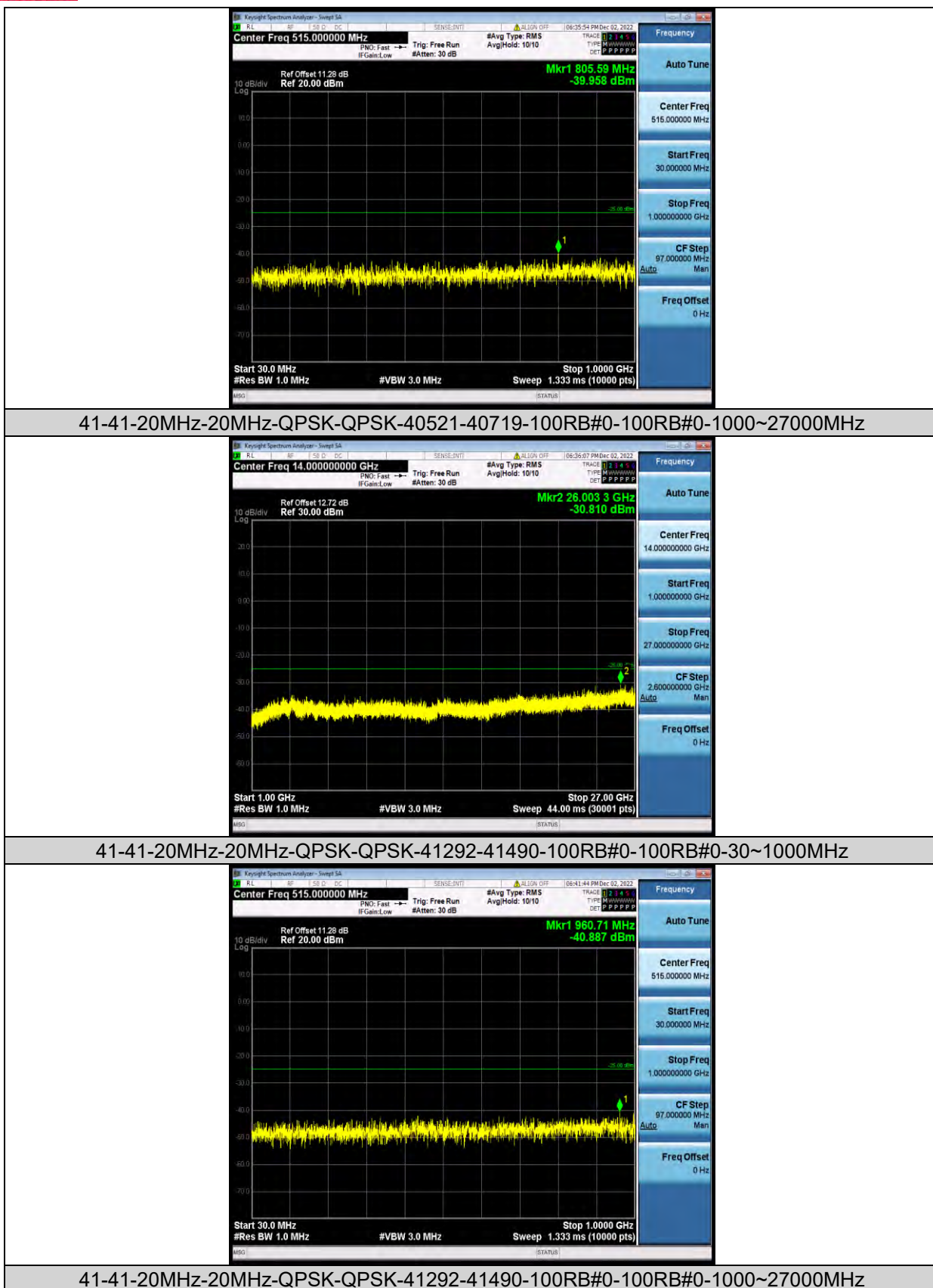
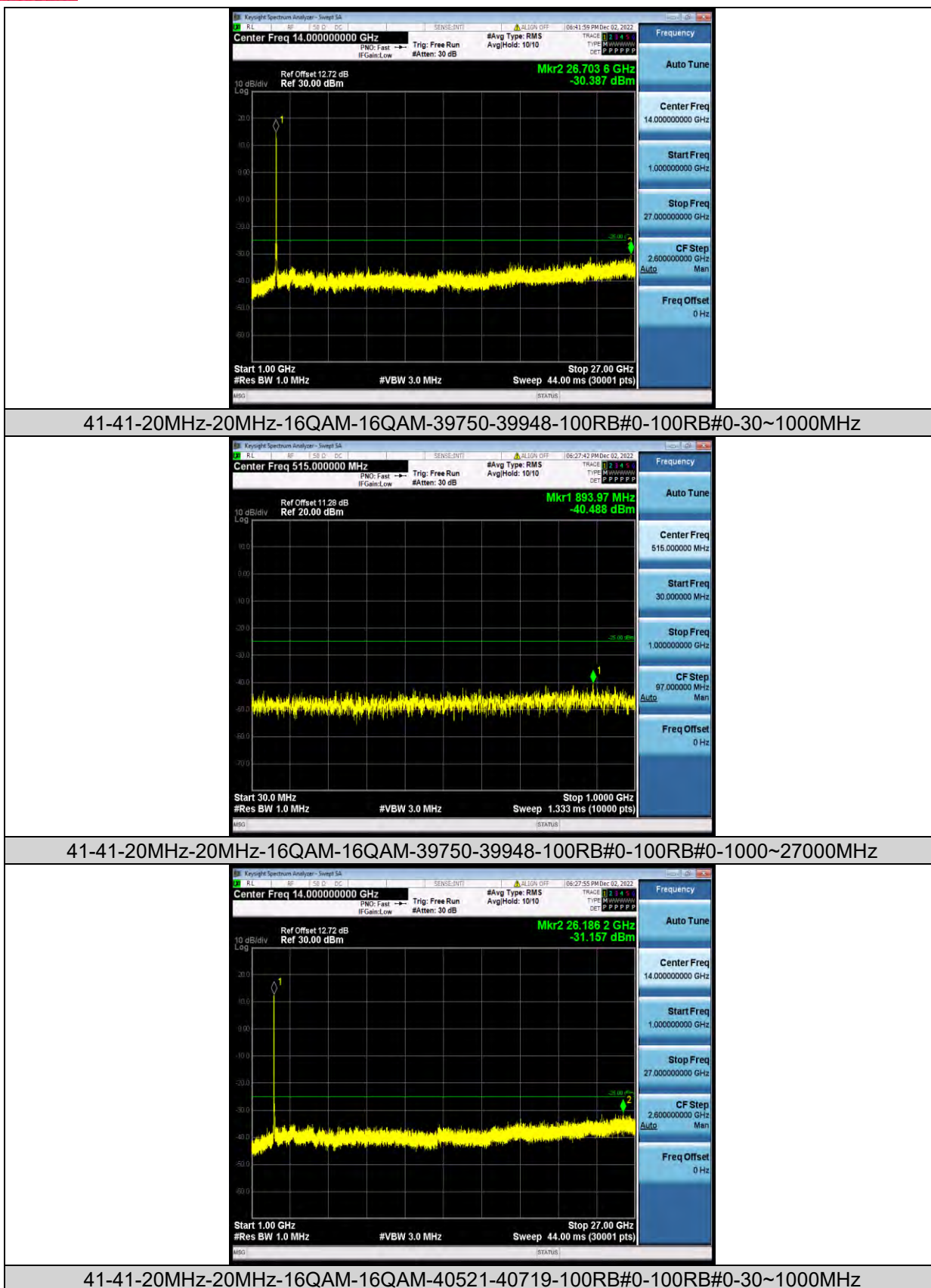
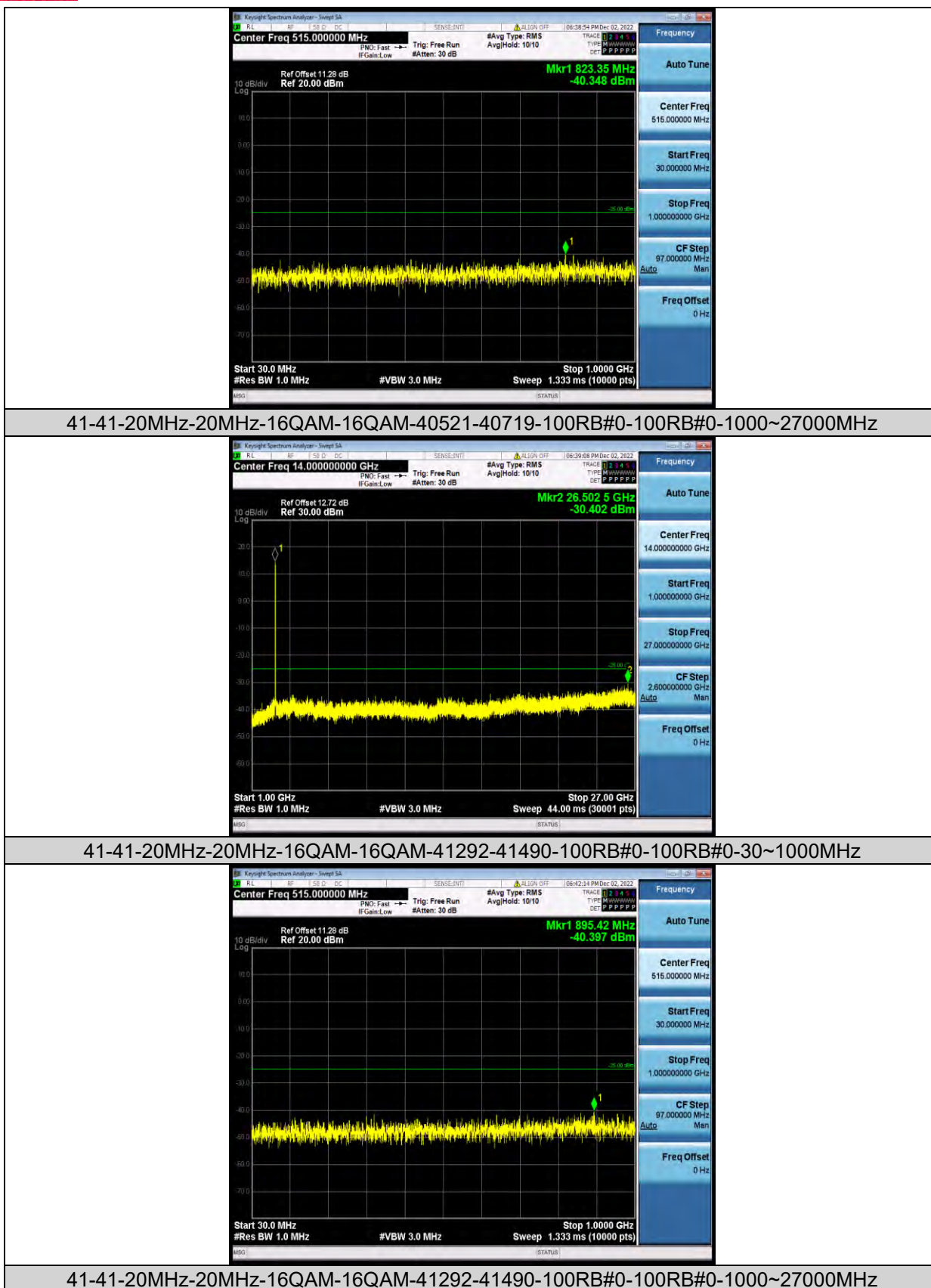


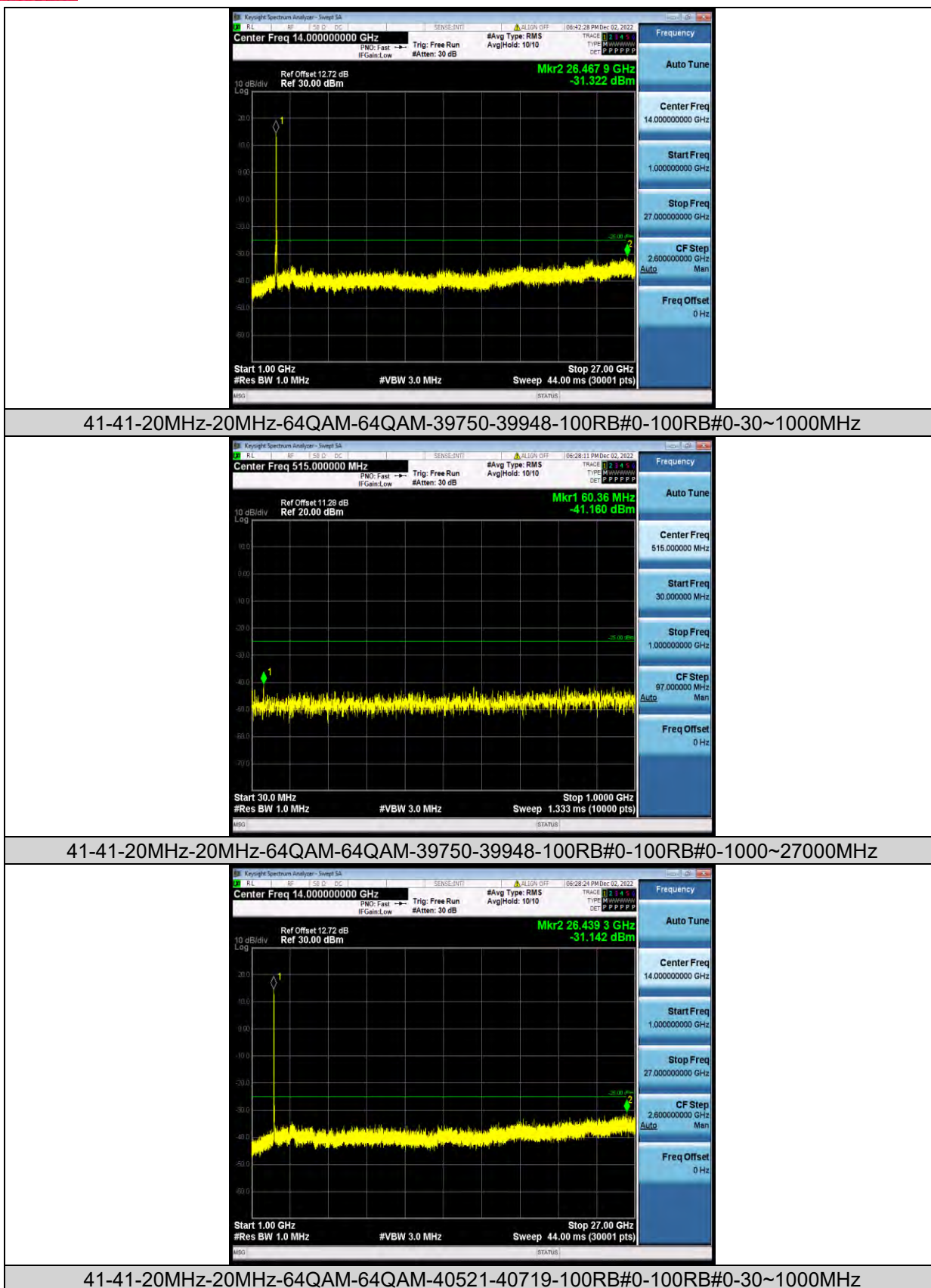
Test Graphs

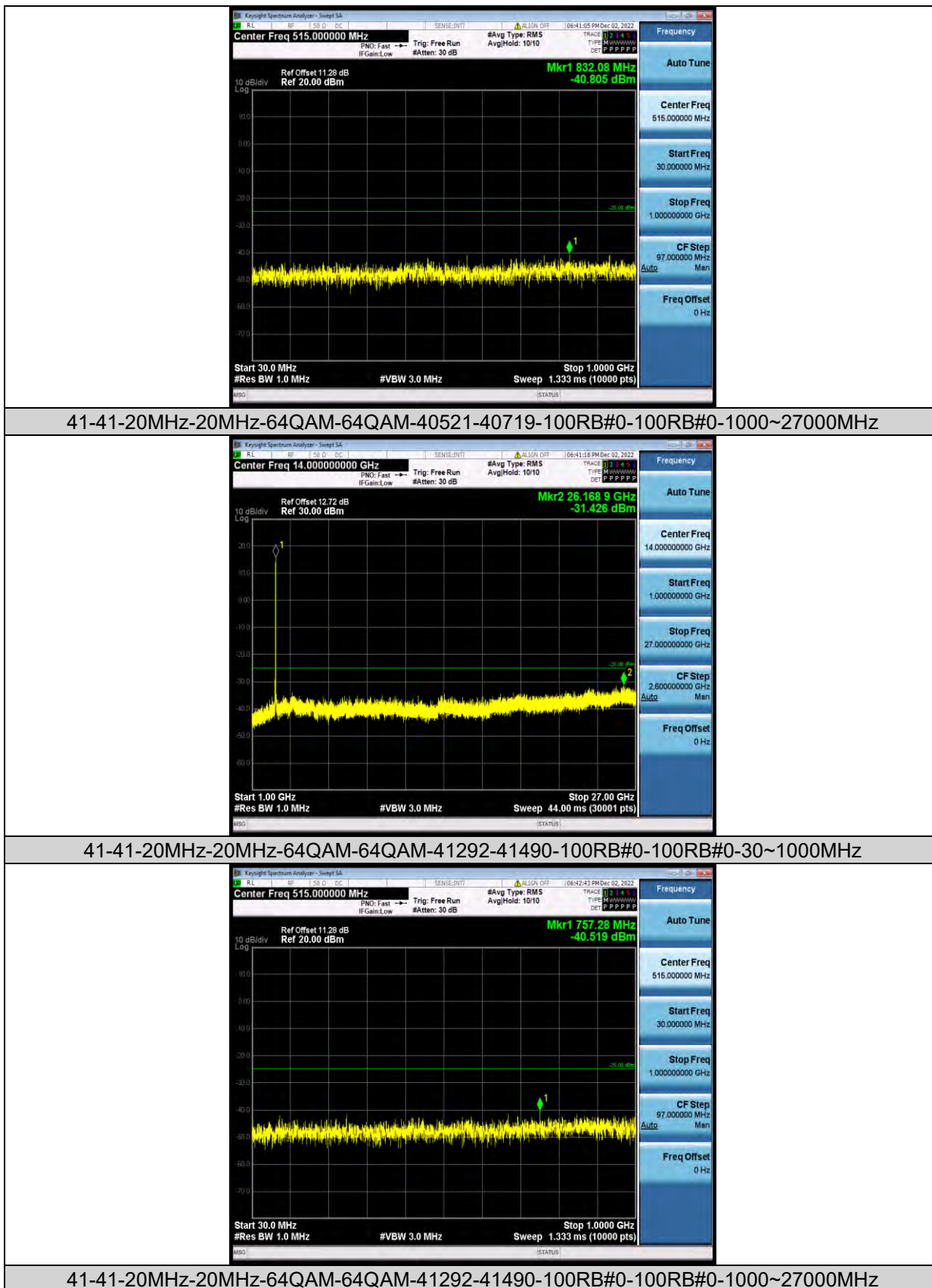


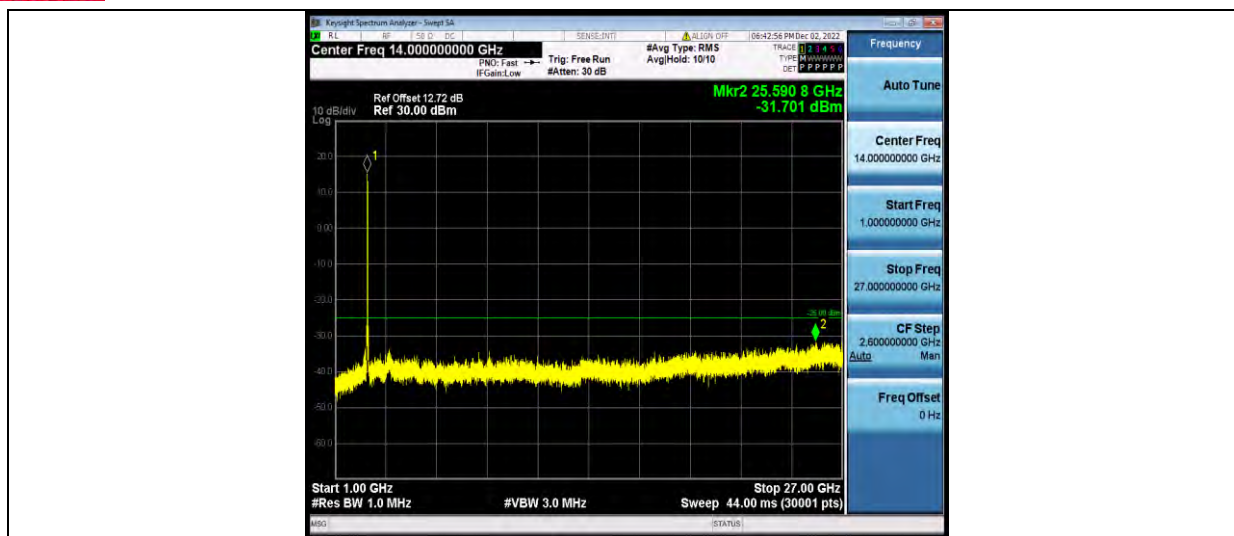














Test Report No.: W7L-P23030016RF08

LTE BAND CA_42C

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	27.476	29.11	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	50RB#0-100RB#0	27.450	29.11	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	50RB#0-100RB#0	27.466	29.12	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	50RB#0-100RB#0	27.499	29.13	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	50RB#0-100RB#0	27.483	29.10	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	50RB#0-100RB#0	27.487	29.15	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	50RB#0-100RB#0	27.471	29.12	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	50RB#0-100RB#0	27.508	29.10	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	50RB#0-100RB#0	27.492	29.12	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	75RB#0-100RB#0	32.363	34.25	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	75RB#0-100RB#0	32.428	34.25	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42819-42990	75RB#0-100RB#0	32.357	34.26	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42168-42339	75RB#0-100RB#0	32.433	34.23	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42493-42664	75RB#0-100RB#0	32.391	34.24	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42819-42990	75RB#0-100RB#0	32.366	34.24	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42168-42339	75RB#0-100RB#0	32.376	34.24	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42493-42664	75RB#0-100RB#0	32.350	34.27	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42819-42990	75RB#0-100RB#0	32.413	34.23	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42190-42334	100RB#0-50RB#0	27.689	29.29	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42541-42685	100RB#0-50RB#0	27.660	29.26	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42891-43035	100RB#0-50RB#0	27.675	29.27	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42190-42334	100RB#0-50RB#0	27.671	29.28	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42541-42685	100RB#0-50RB#0	27.683	29.32	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42891-43035	100RB#0-50RB#0	27.683	29.29	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42190-42334	100RB#0-50RB#0	27.681	29.27	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42541-42685	100RB#0-50RB#0	27.686	29.28	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42891-43035	100RB#0-50RB#0	27.651	29.26	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42190-42361	100RB#0-75RB#0	32.504	34.34	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42516-42687	100RB#0-75RB#0	32.437	34.32	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42841-43012	100RB#0-75RB#0	32.446	34.30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42190-42361	100RB#0-75RB#0	32.473	34.32	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42516-42687	100RB#0-75RB#0	32.454	34.30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42841-43012	100RB#0-75RB#0	32.481	34.31	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42190-42361	100RB#0-75RB#0	32.489	34.31	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42516-42687	100RB#0-75RB#0	32.479	34.31	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42841-43012	100RB#0-75RB#0	32.501	34.33	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	100RB#0-100RB#0	37.359	39.49	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	37.363	39.49	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	100RB#0-100RB#0	37.348	39.50	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	100RB#0-100RB#0	37.300	39.49	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100RB#0	37.299	39.48	PASS



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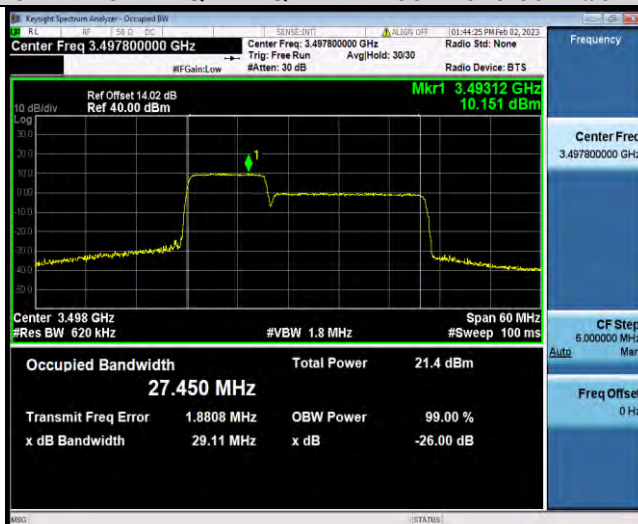
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	100RB#0-100RB#0	37.289	39.49	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	100RB#0-100RB#0	37.311	39.51	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	100RB#0-100RB#0	37.348	39.47	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	100RB#0-100RB#0	37.301	39.48	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42190-42307	100RB#0-25RB#0	22.834	24.13	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42565-42682	100RB#0-25RB#0	22.861	24.15	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43057	100RB#0-25RB#0	22.847	24.10	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42190-42307	100RB#0-25RB#0	22.865	24.18	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42565-42682	100RB#0-25RB#0	22.847	24.13	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43057	100RB#0-25RB#0	22.853	24.14	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42190-42307	100RB#0-25RB#0	22.889	24.13	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42565-42682	100RB#0-25RB#0	22.864	24.13	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42940-43057	100RB#0-25RB#0	22.875	24.14	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42123-42240	25RB#0-100RB#0	22.572	23.89	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42498-42615	25RB#0-100RB#0	22.580	23.90	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42873-42990	25RB#0-100RB#0	22.561	23.92	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42123-42240	25RB#0-100RB#0	22.656	23.89	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42498-42615	25RB#0-100RB#0	22.563	23.89	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42873-42990	25RB#0-100RB#0	22.624	23.89	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42123-42240	25RB#0-100RB#0	22.622	23.88	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42498-42615	25RB#0-100RB#0	22.563	23.88	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42873-42990	25RB#0-100RB#0	22.593	23.89	PASS

Test Graphs

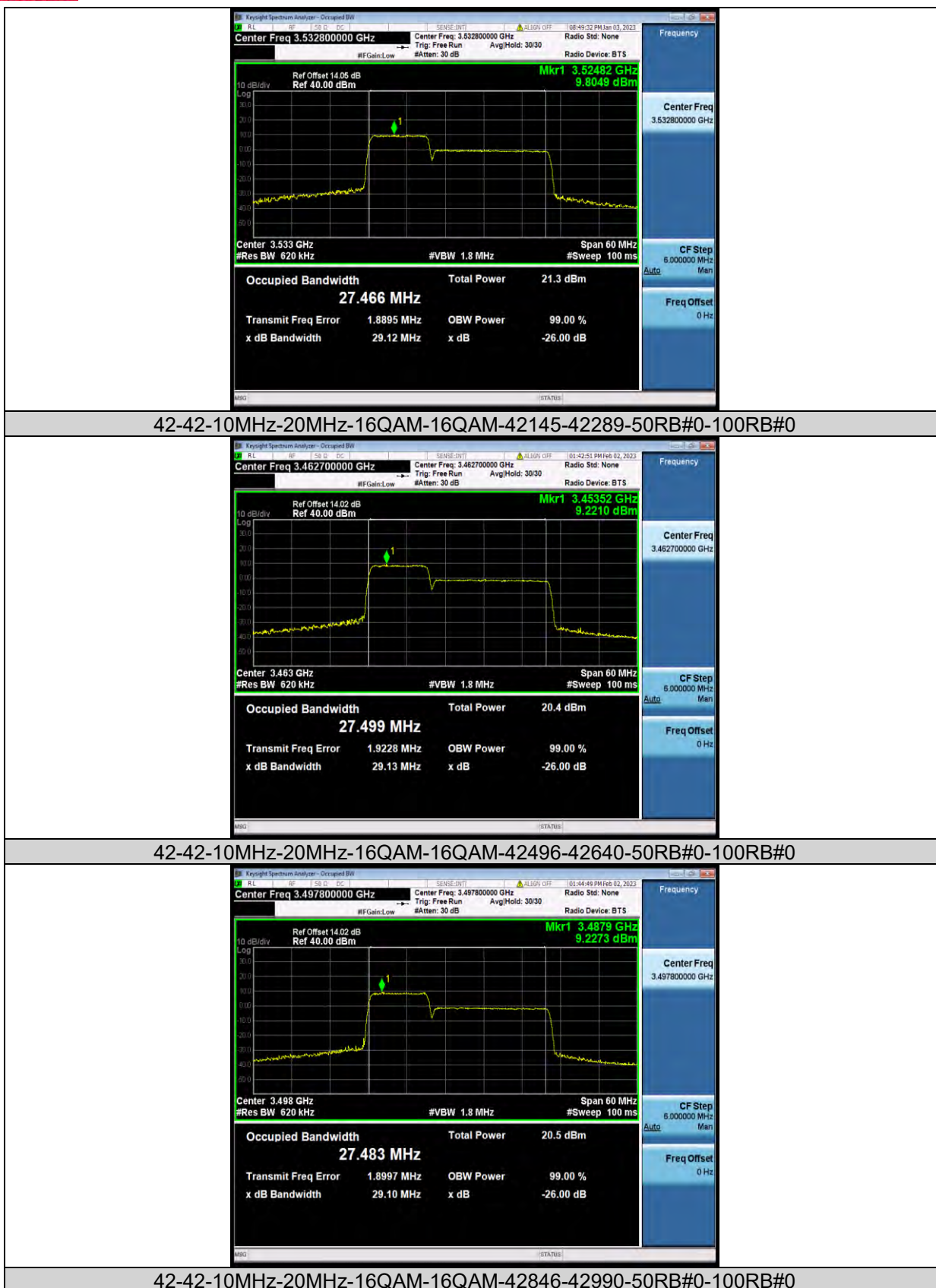
42-42-10MHz-20MHz-QPSK-QPSK-42145-42289-50RB#0-100RB#0

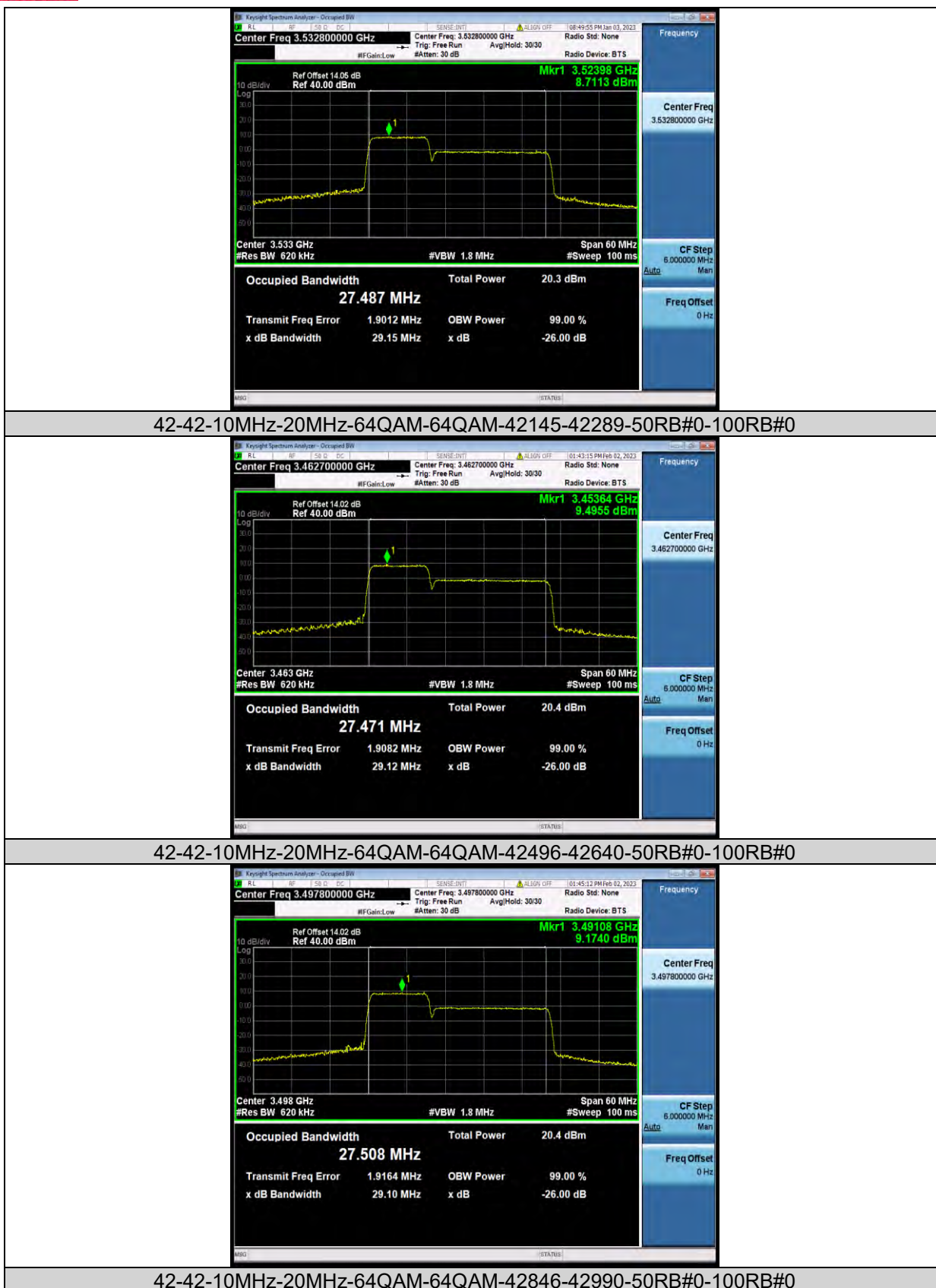


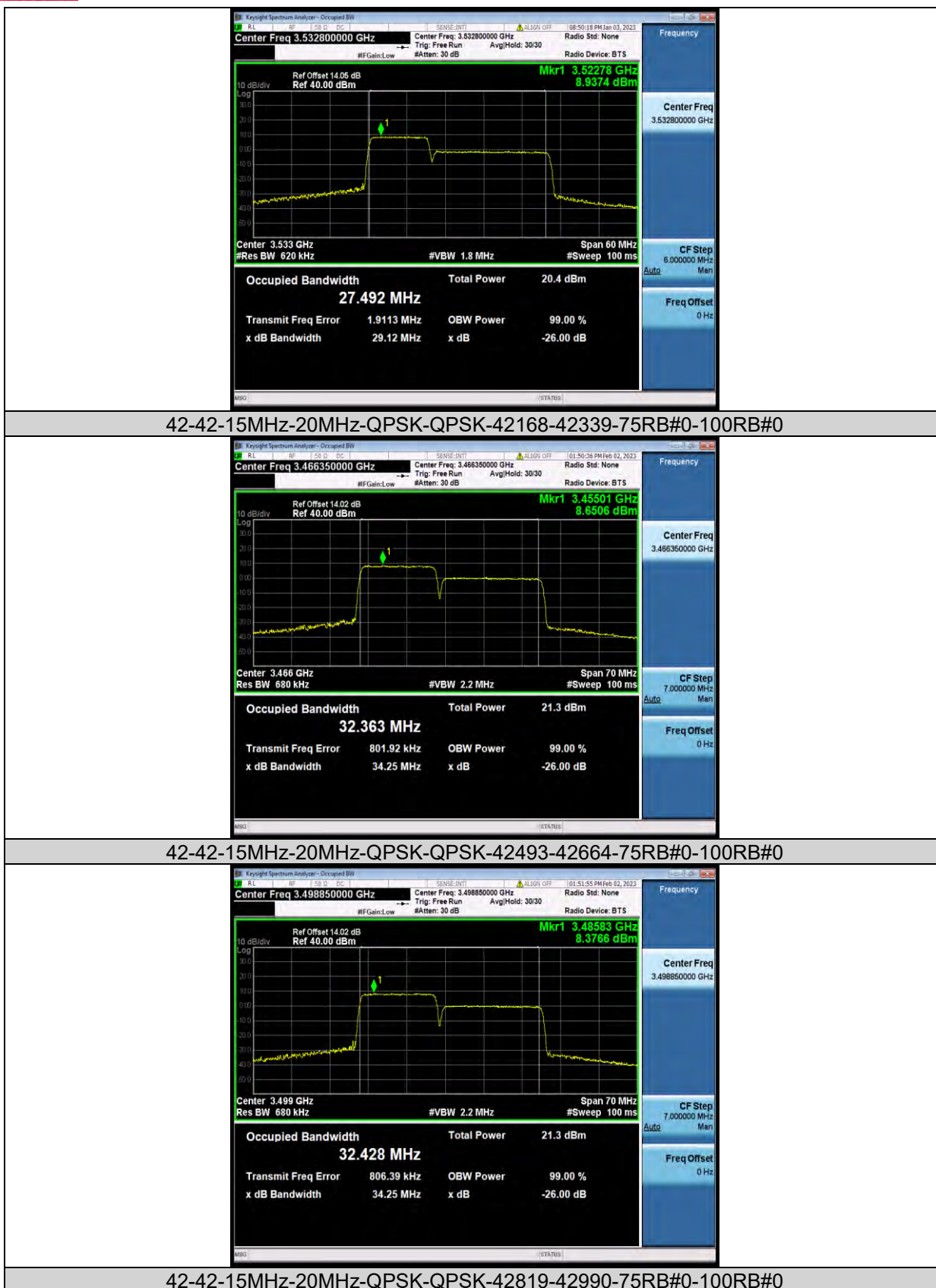
42-42-10MHz-20MHz-QPSK-QPSK-42496-42640-50RB#0-100RB#0

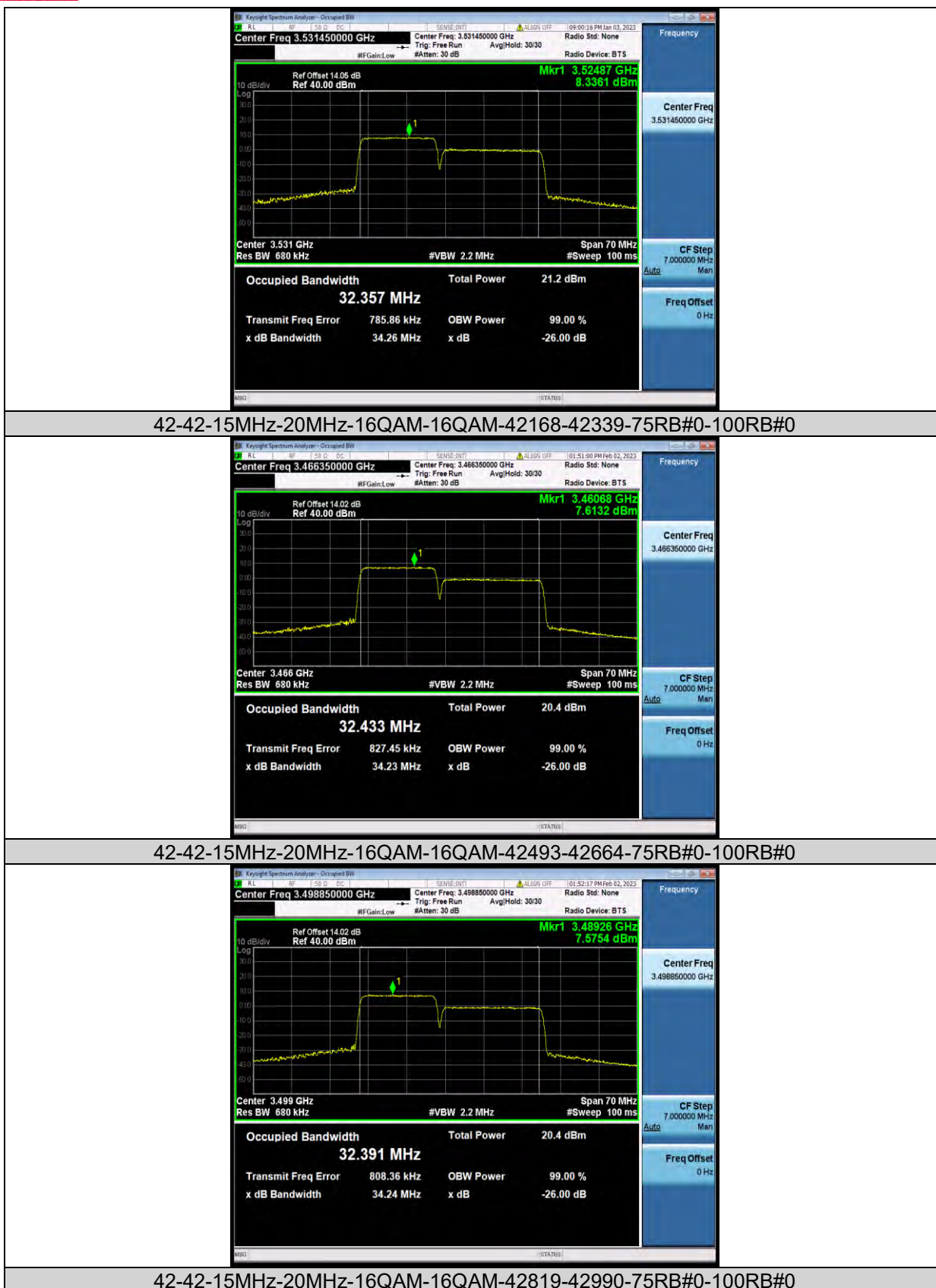


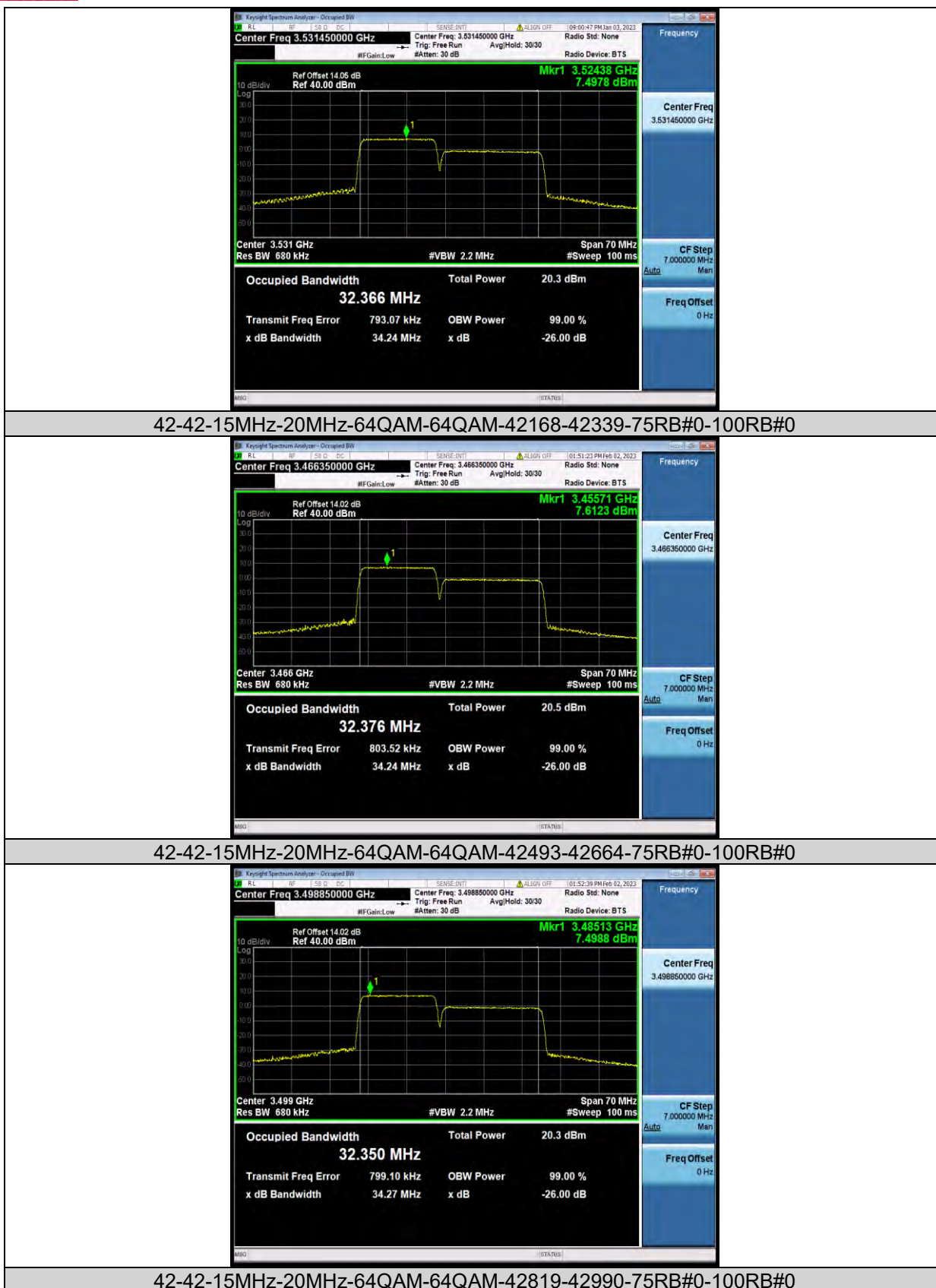
42-42-10MHz-20MHz-QPSK-QPSK-42846-42990-50RB#0-100RB#0

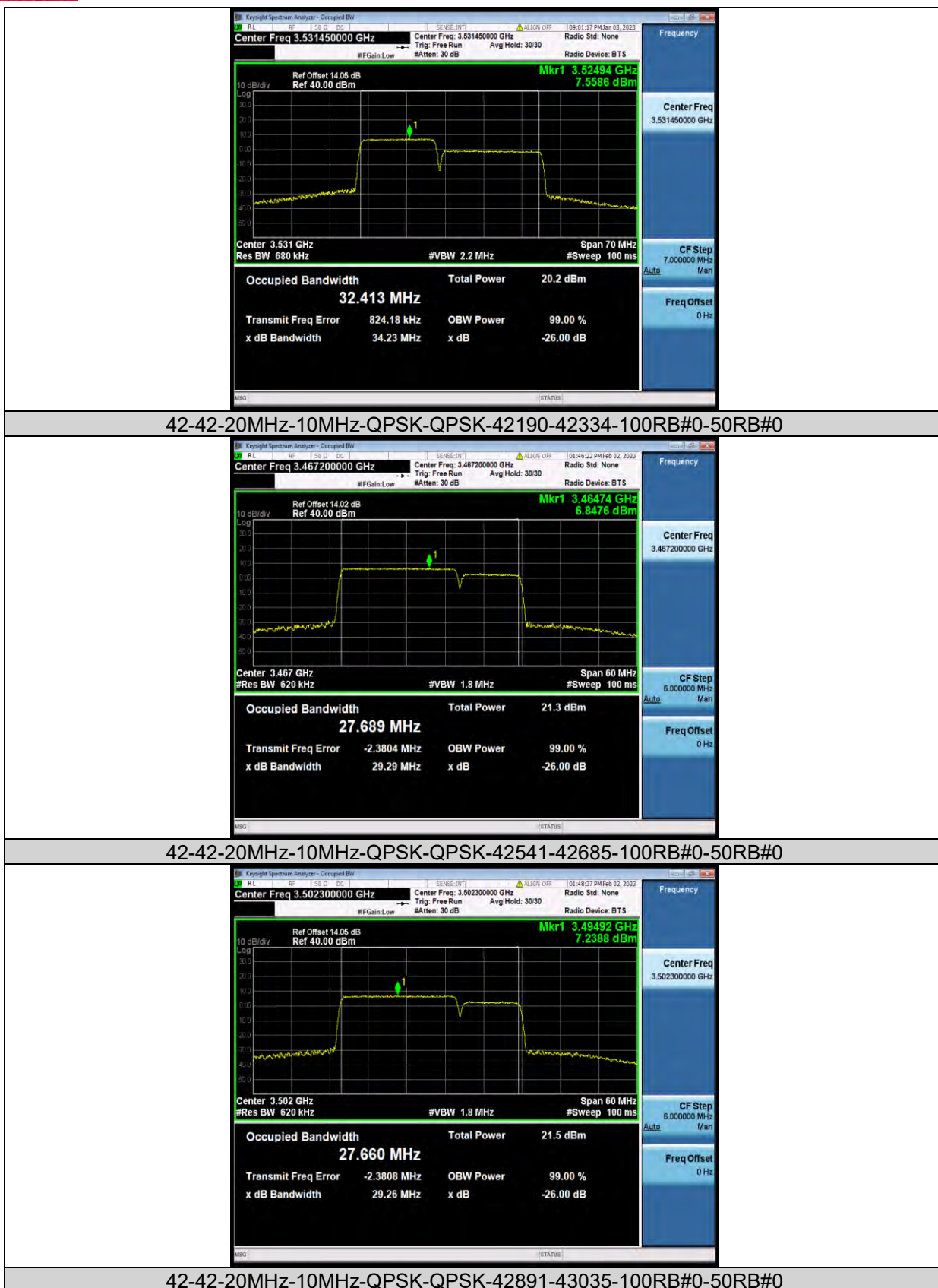


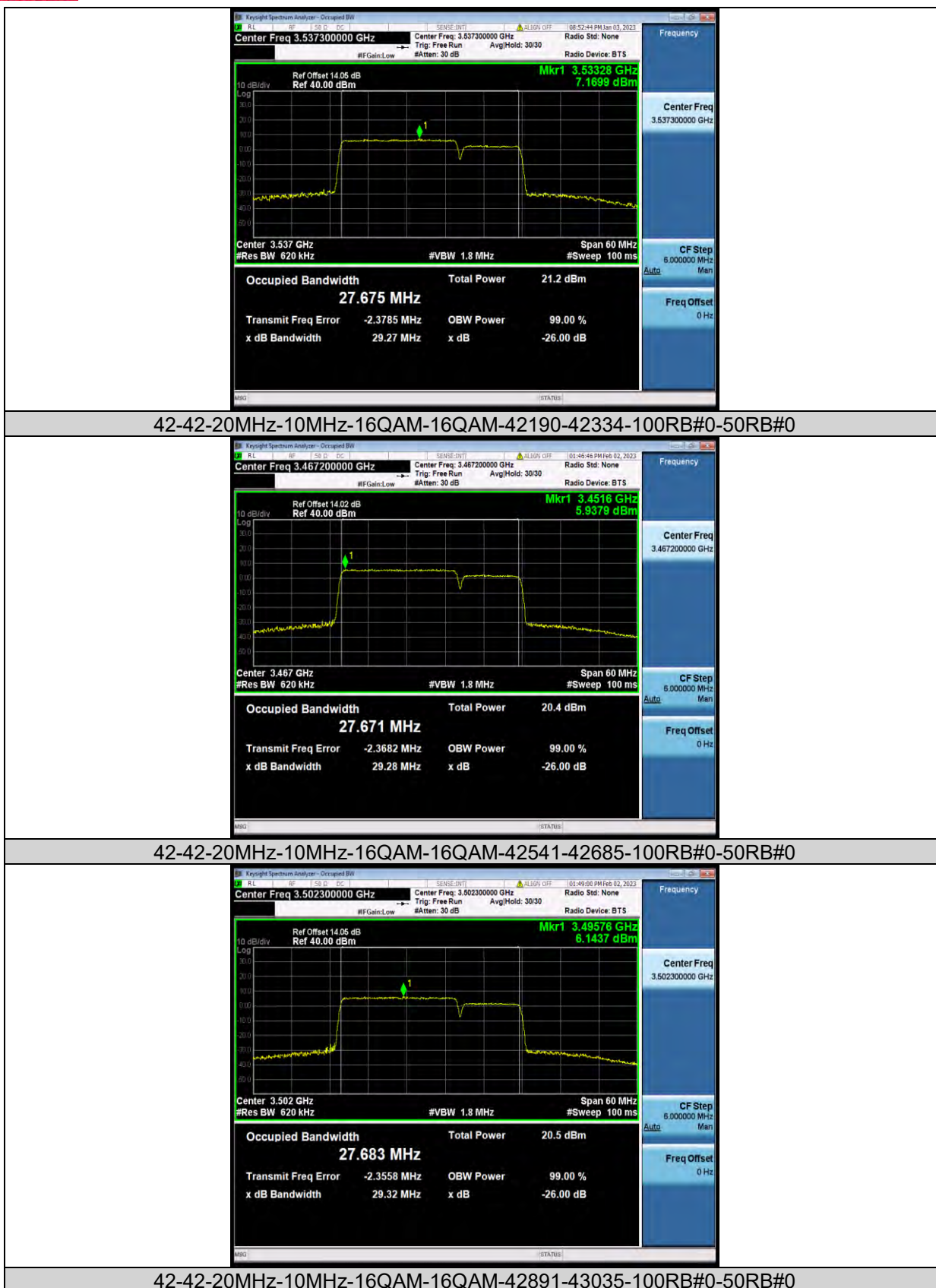


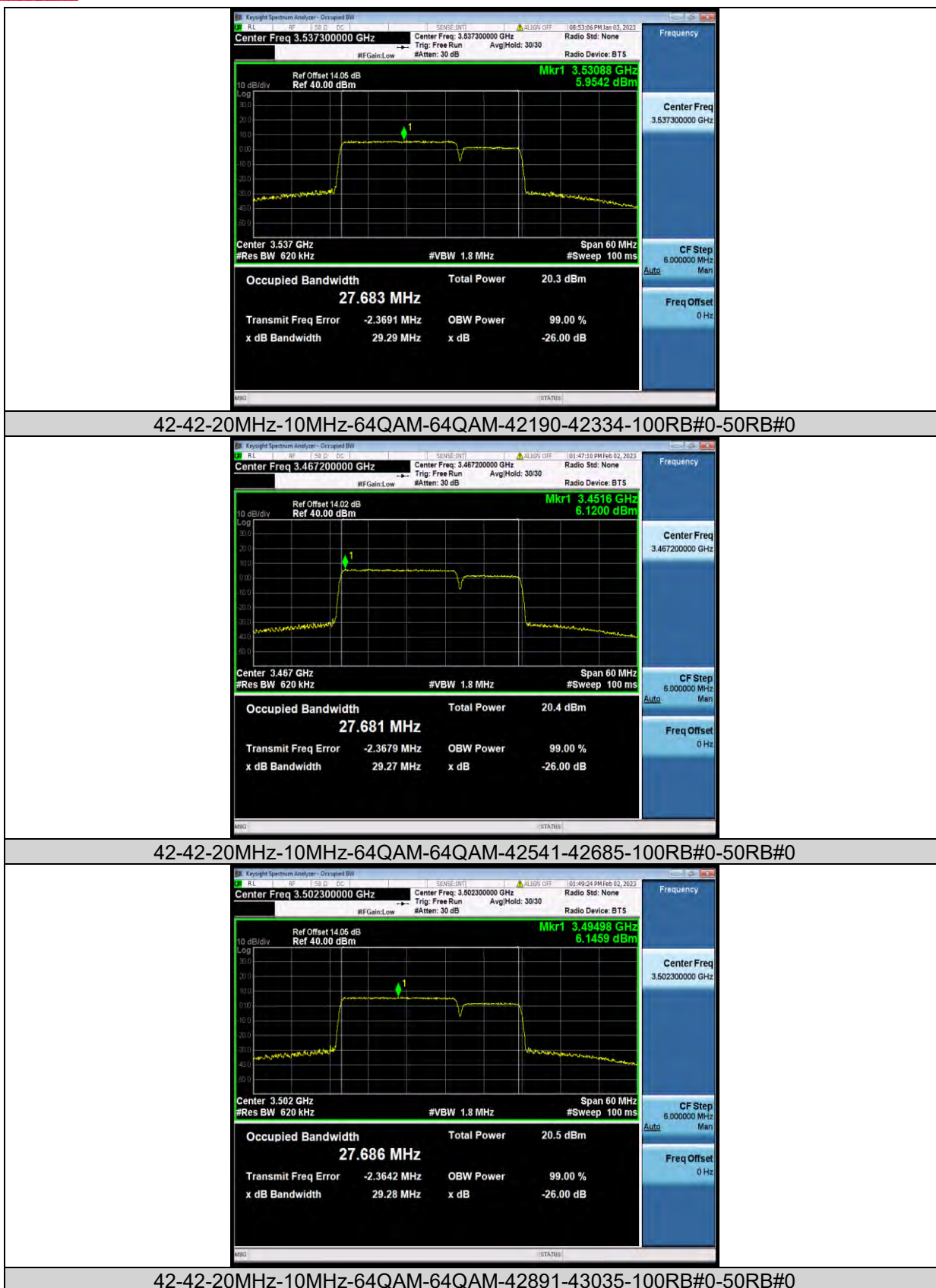


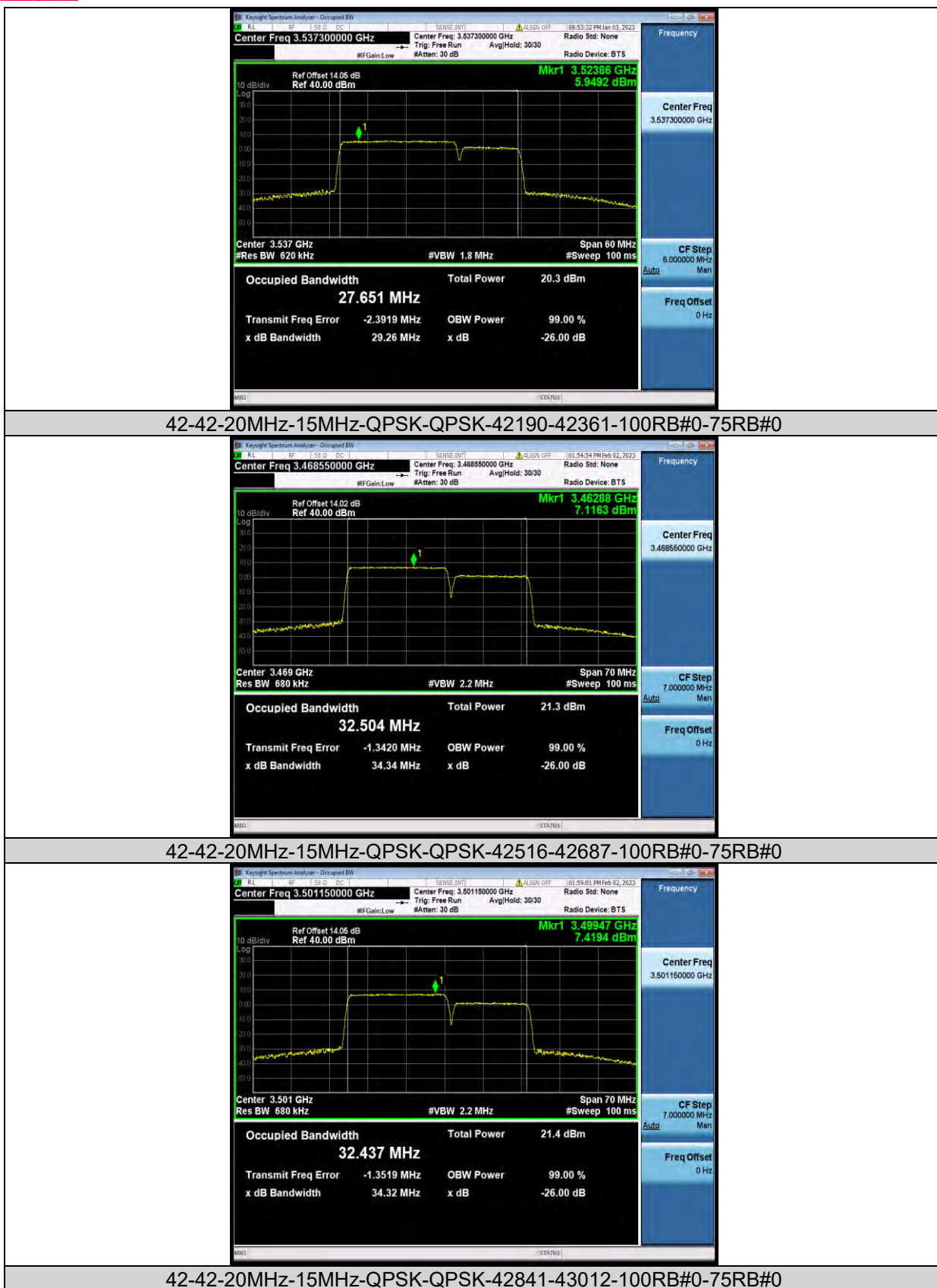


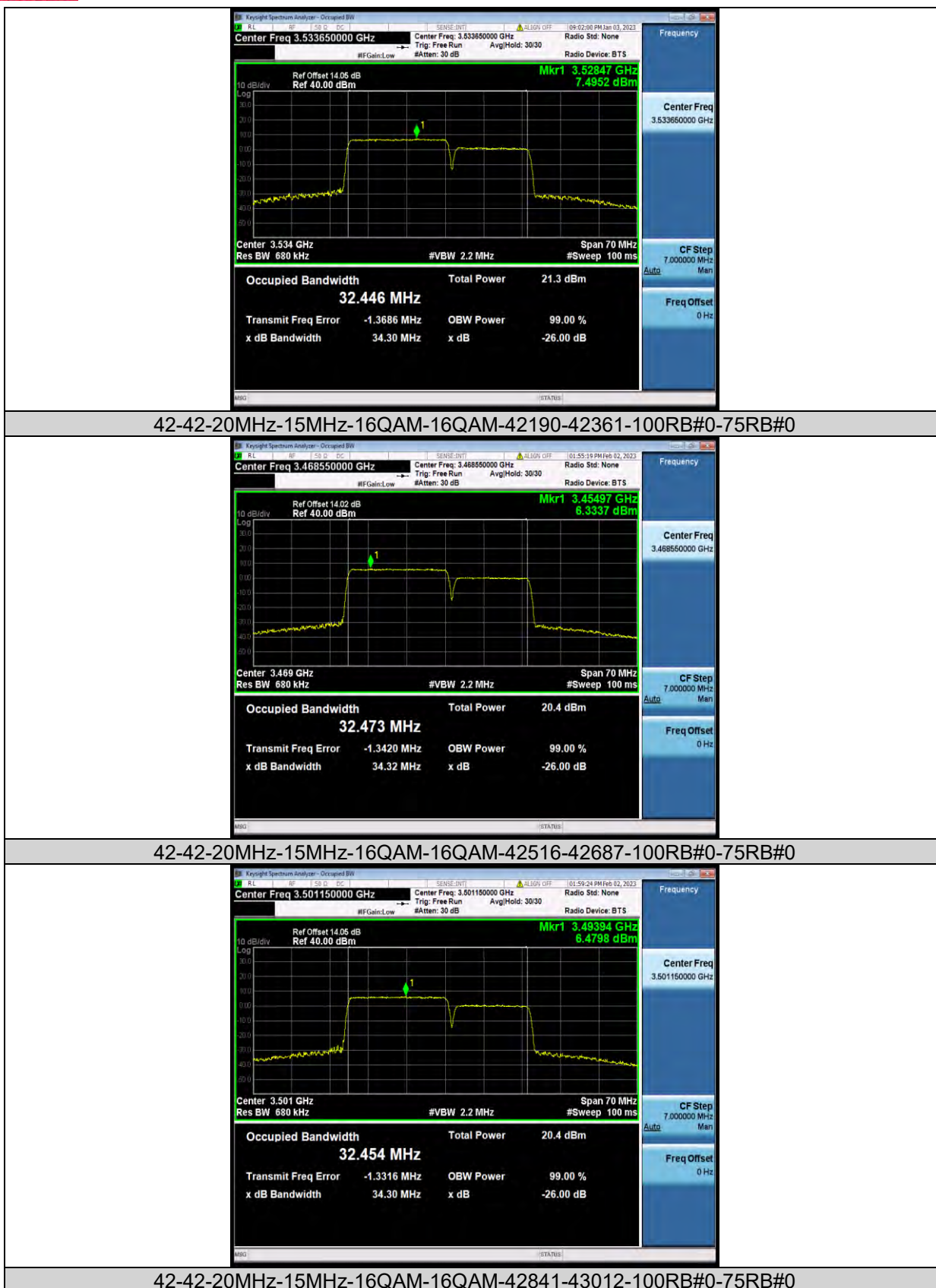


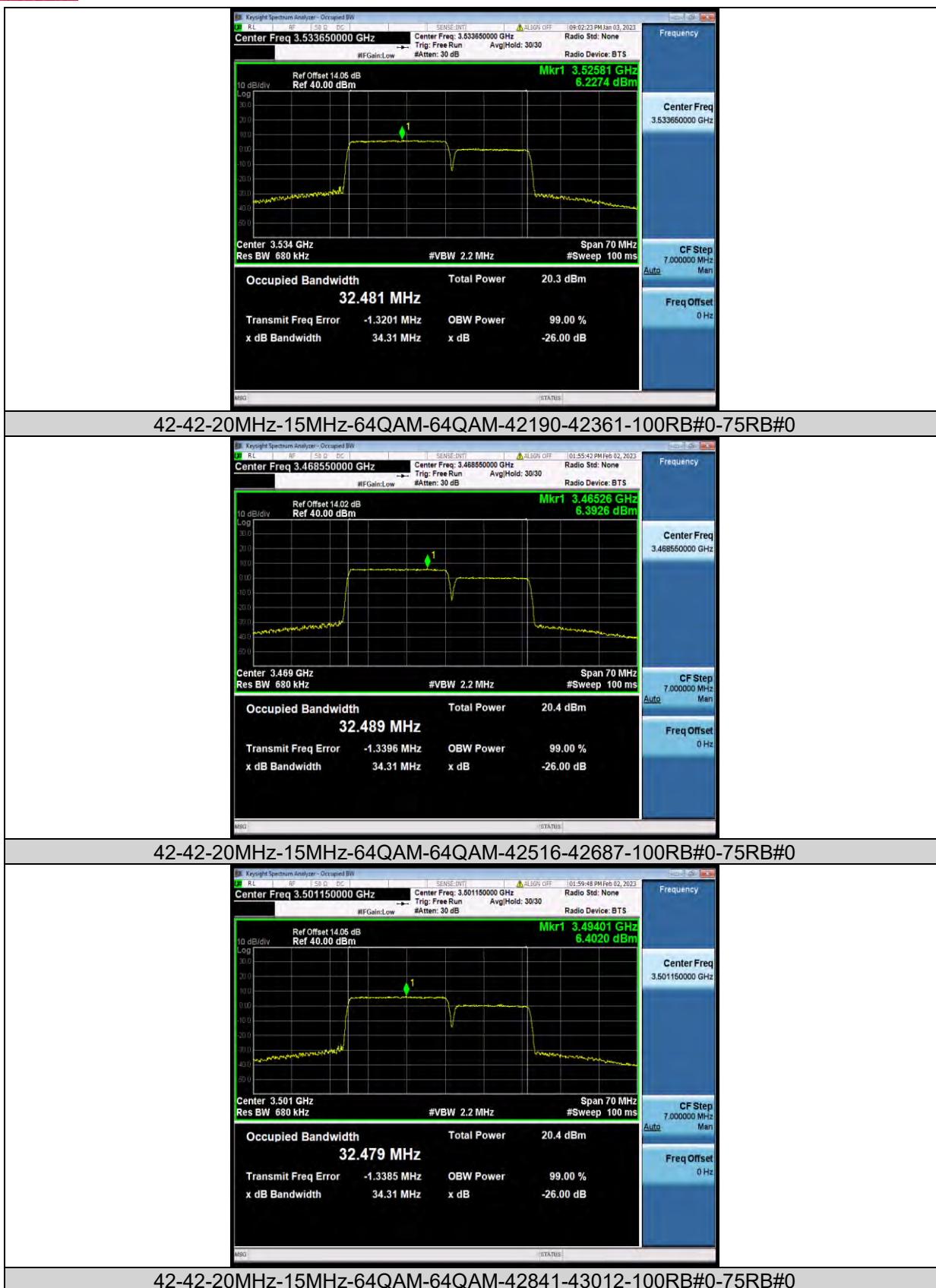


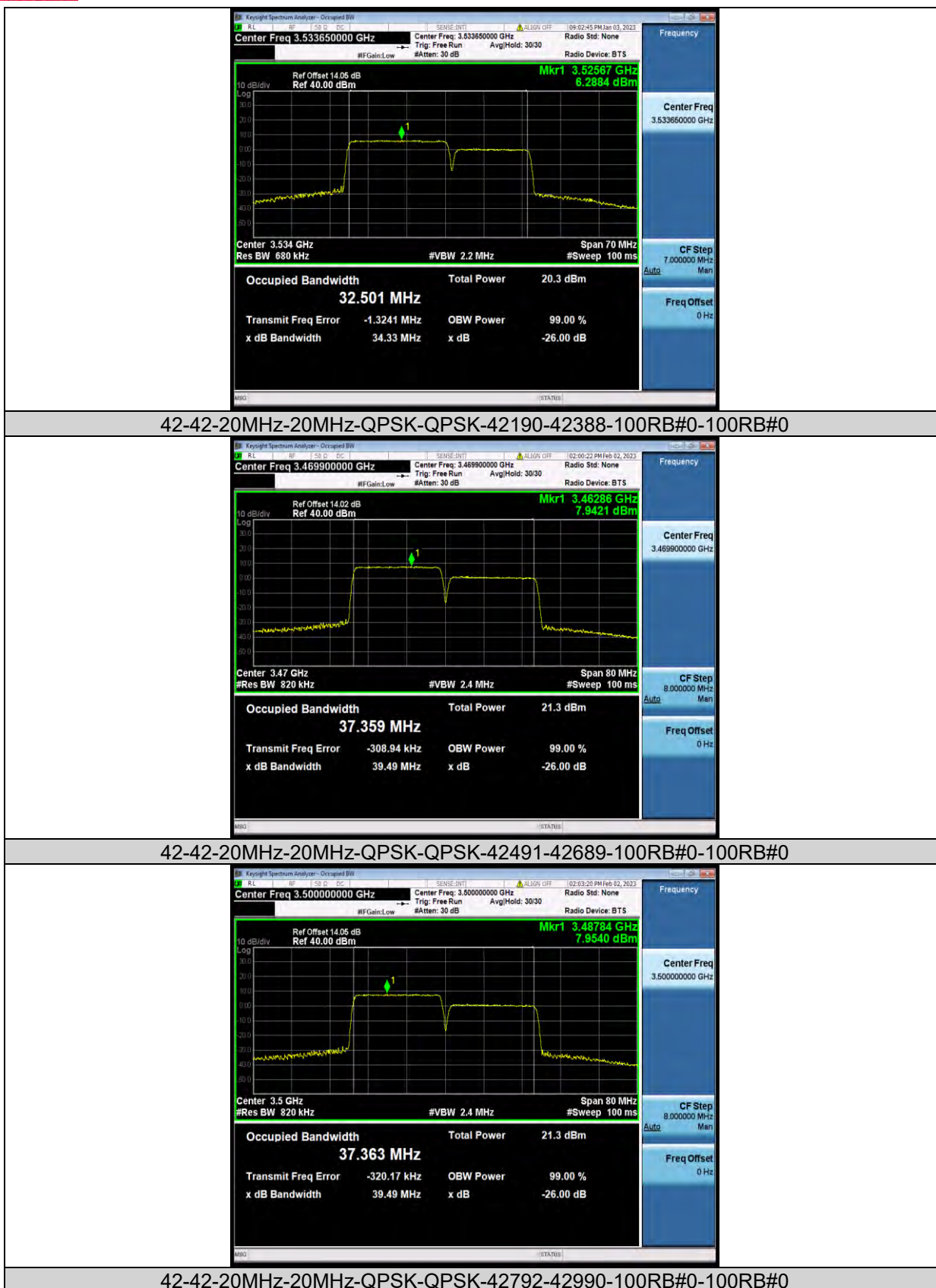


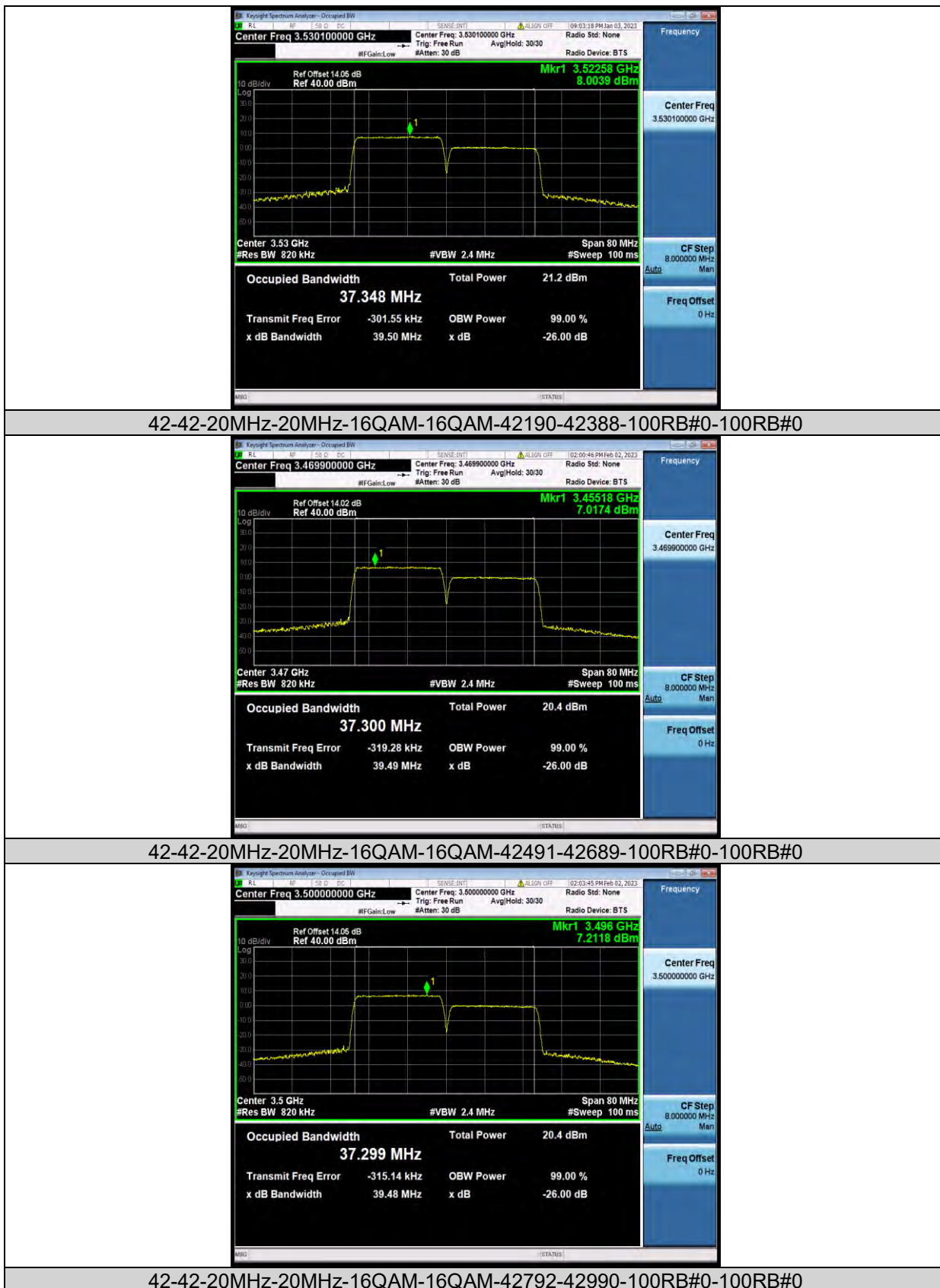


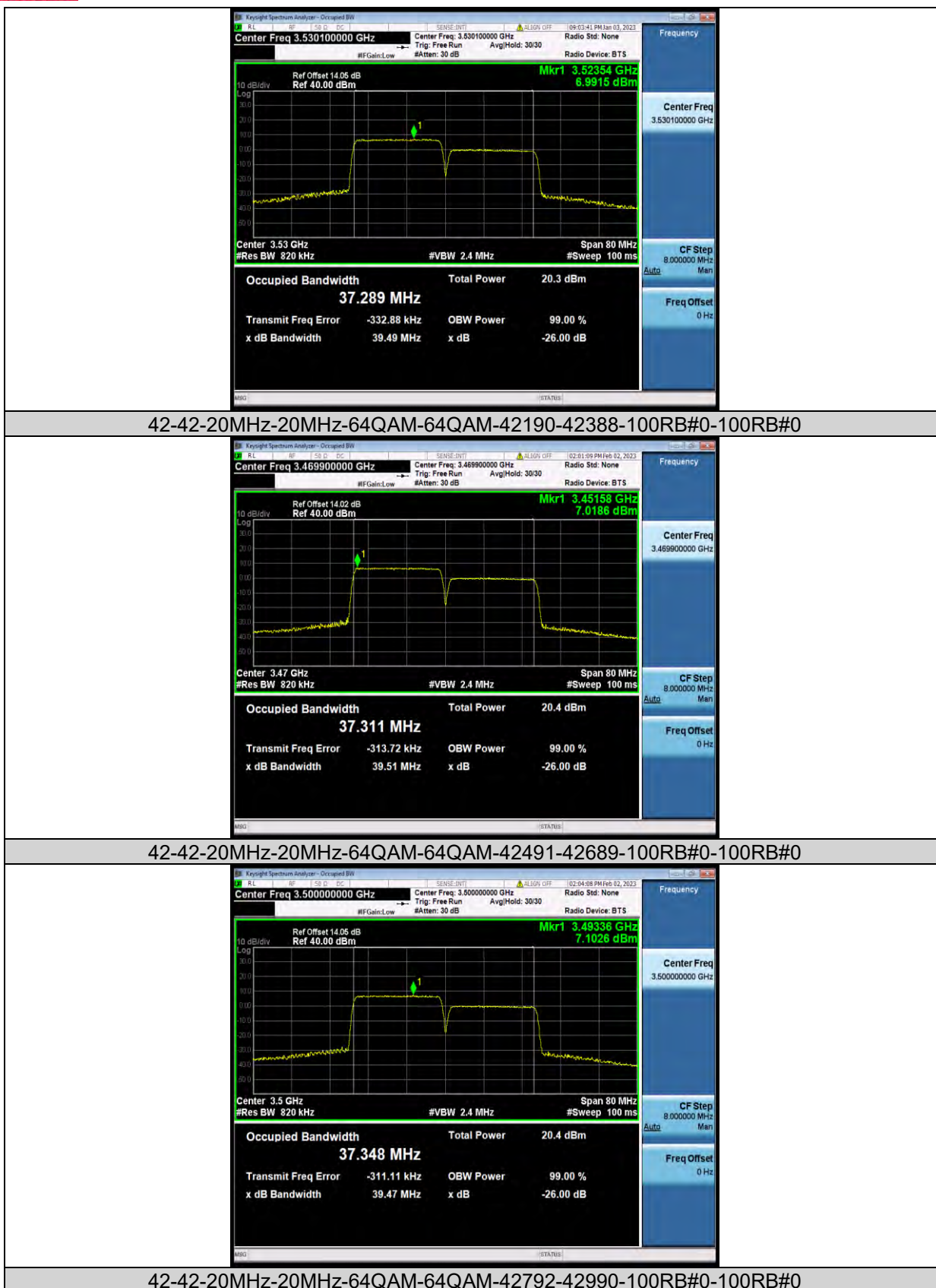


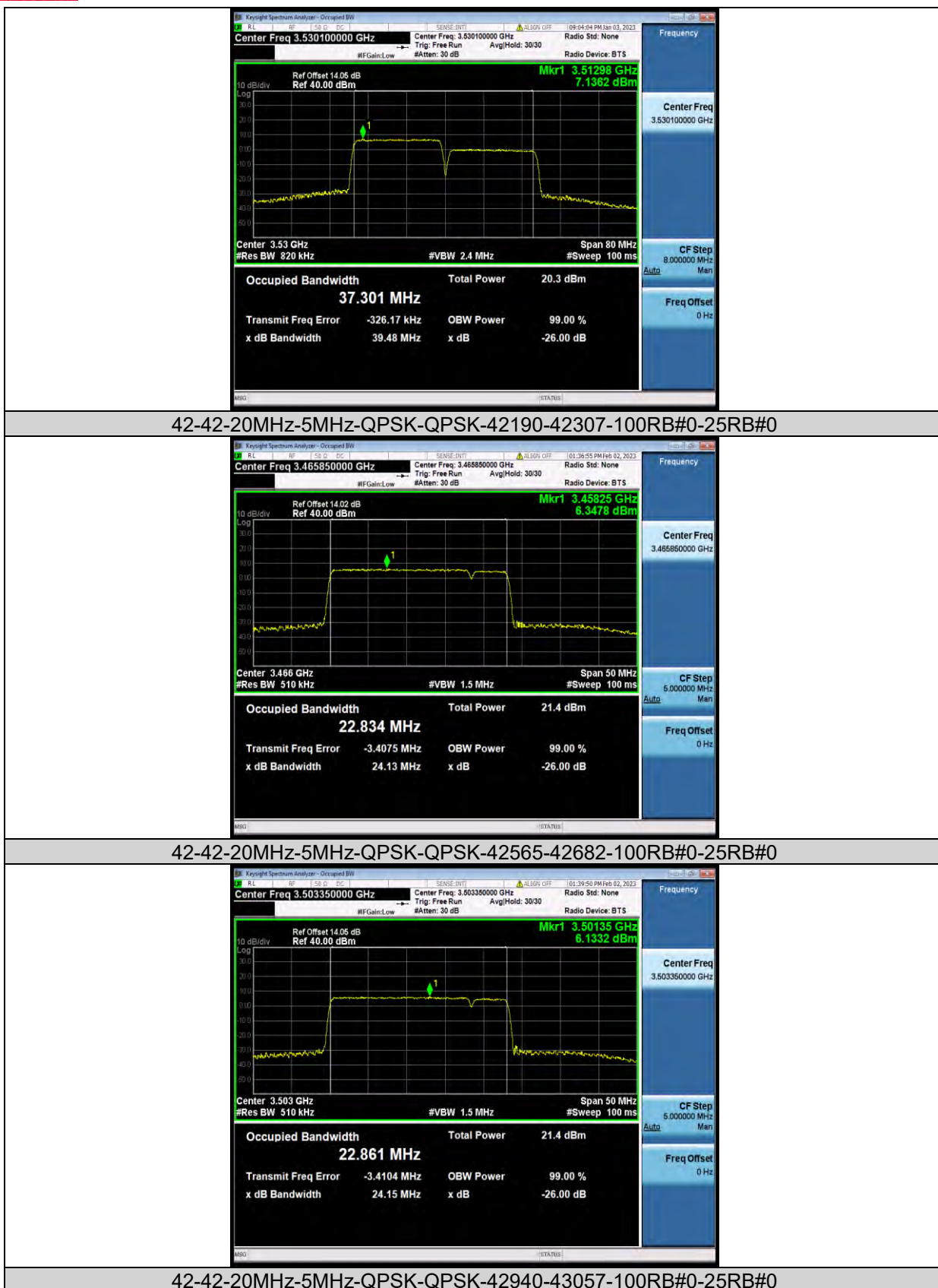


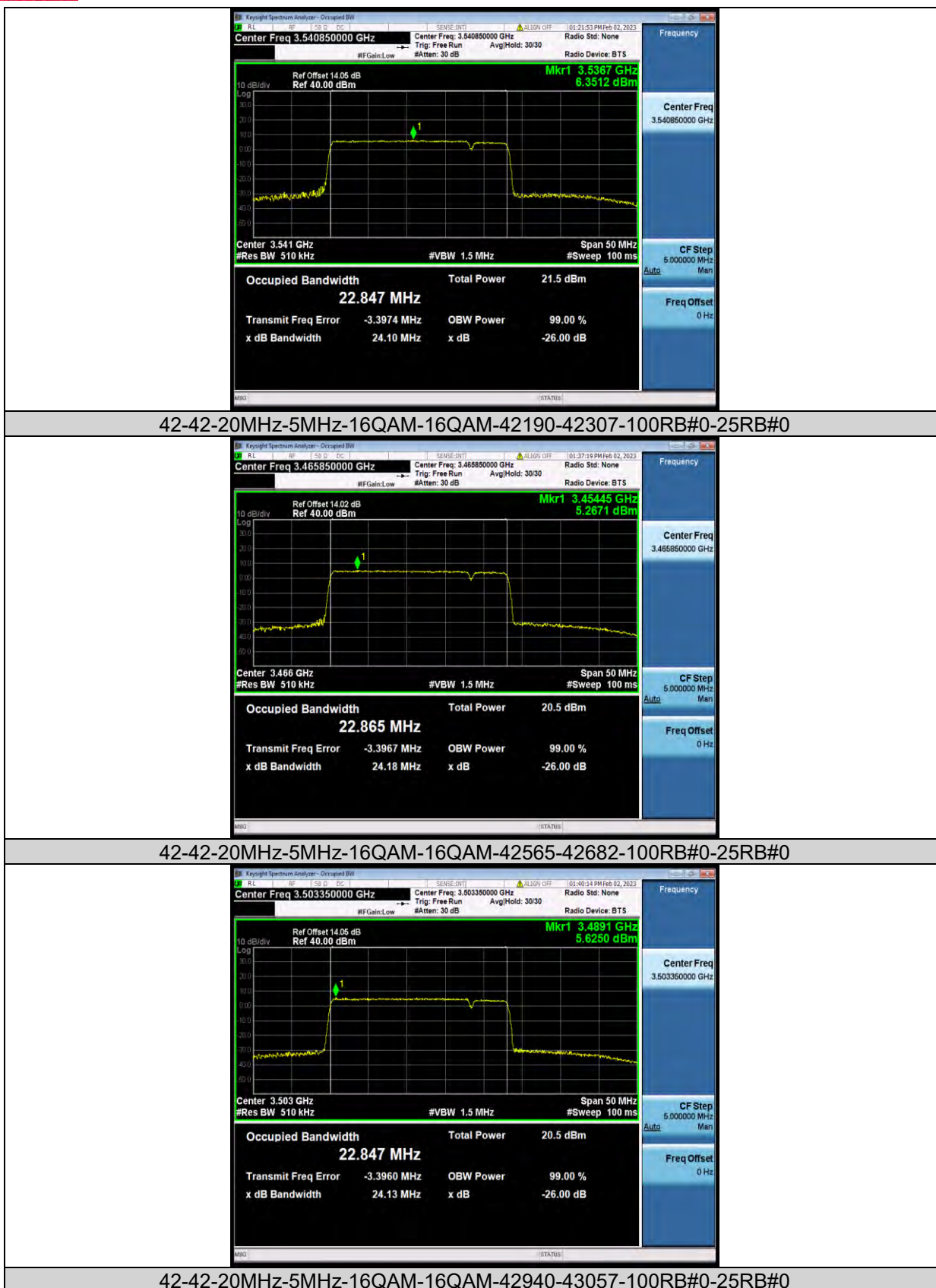


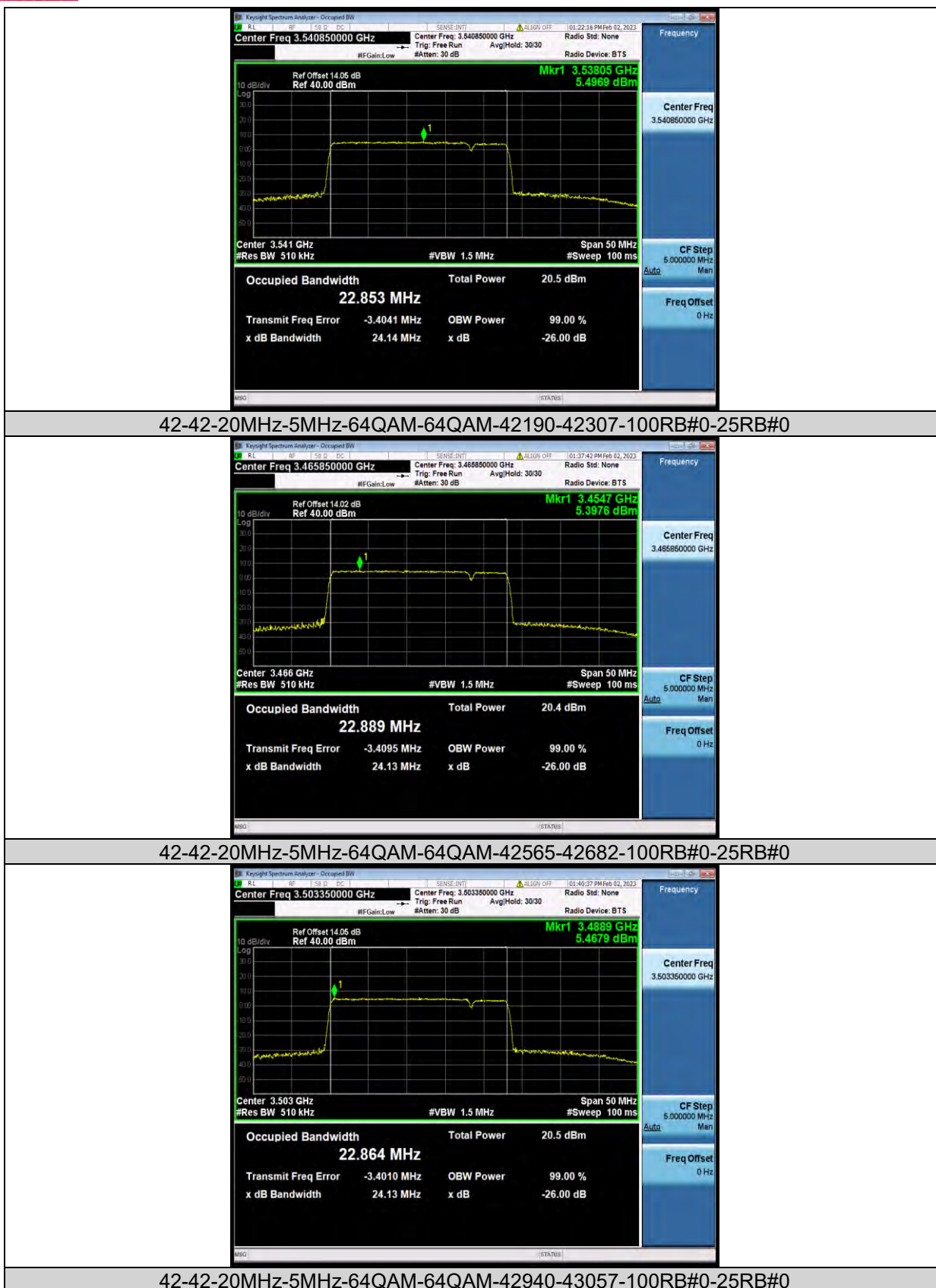










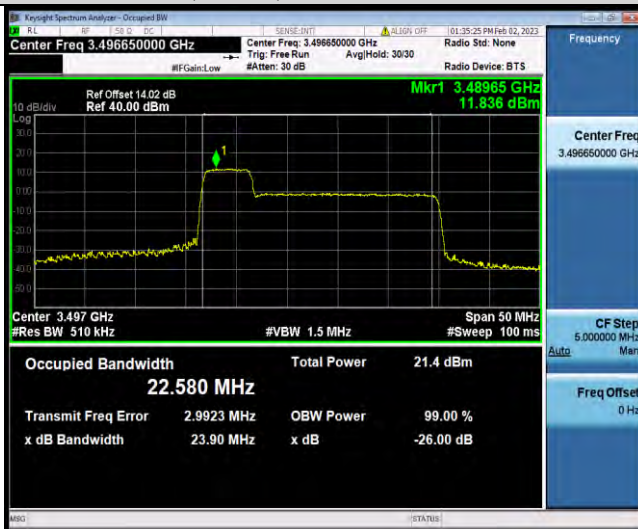




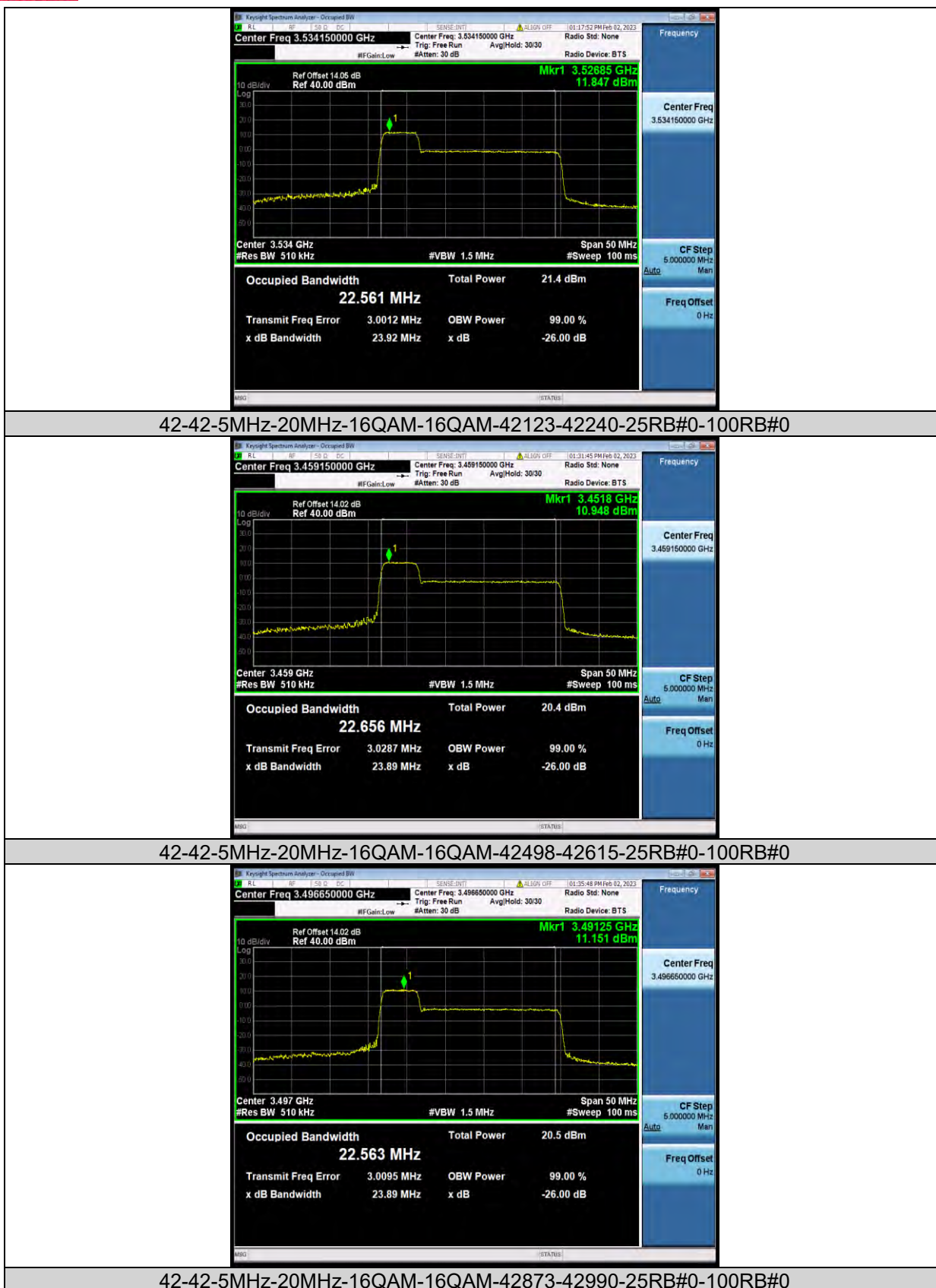
42-42-5MHz-20MHz-QPSK-QPSK-42123-42240-25RB#0-100RB#0

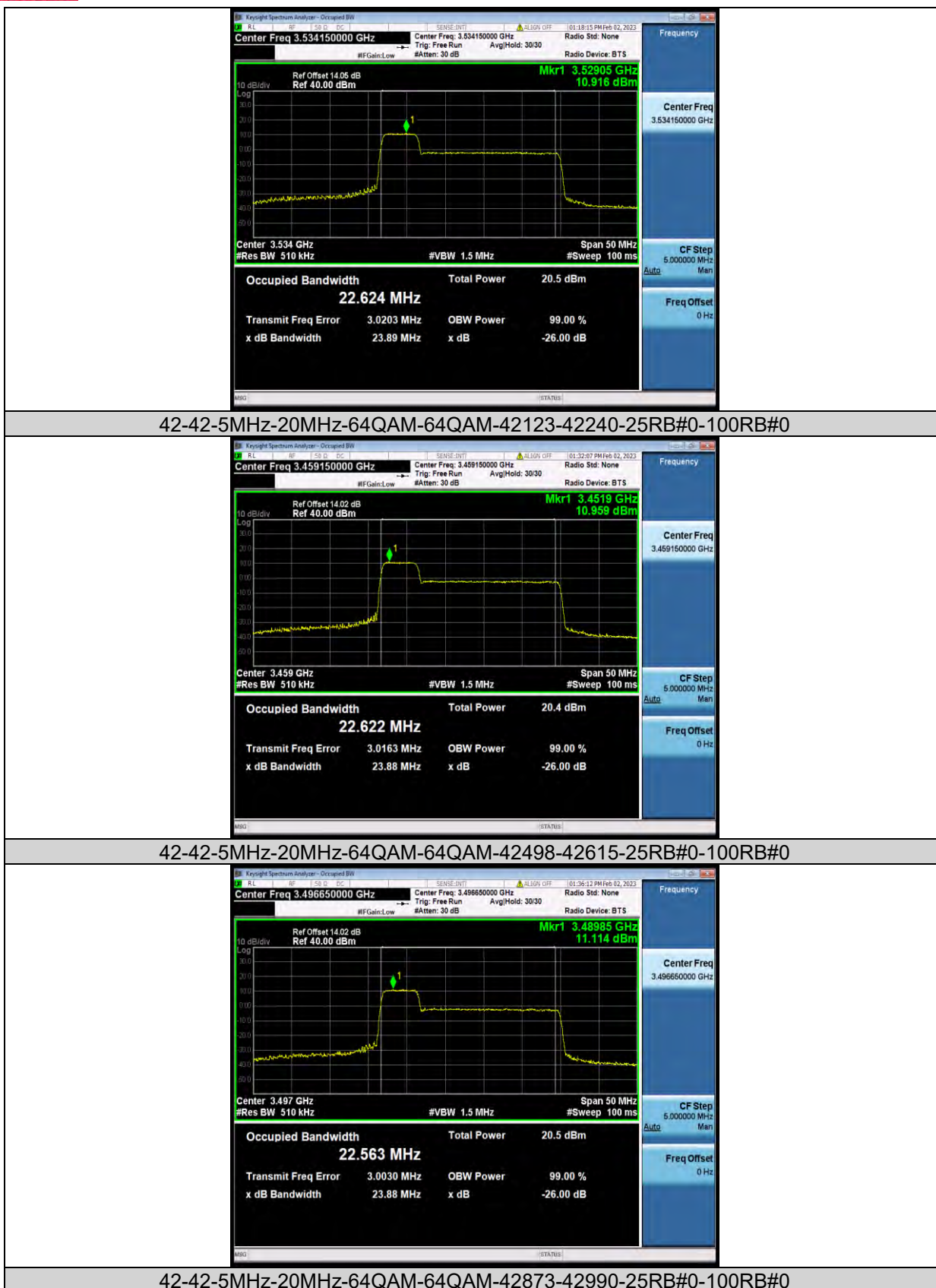


42-42-5MHz-20MHz-QPSK-QPSK-42498-42615-25RB#0-100RB#0



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







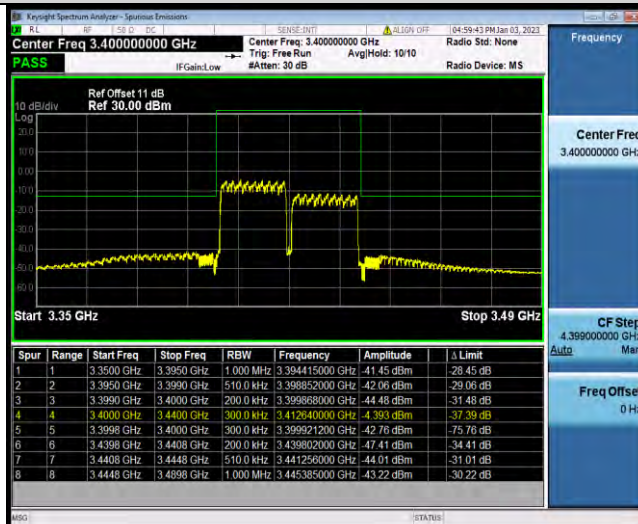
BAND EDGE

Test Result

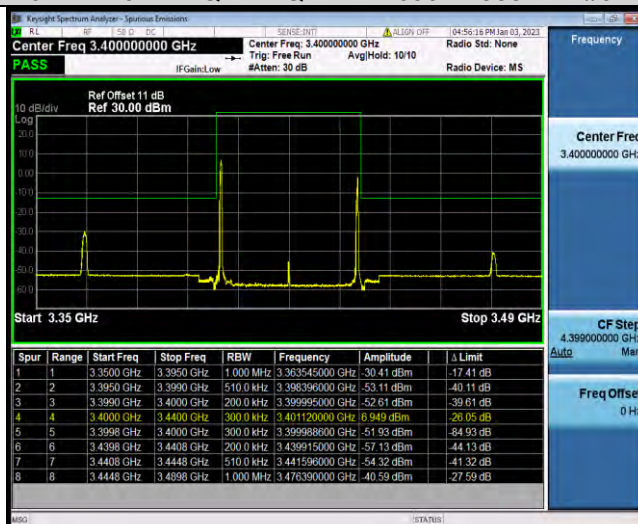
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
42-4 2	20MHz-20M Hz	QPSK-QPSK	41690-418 88	100RB#0-100R B#0	-41.45,-42.06,-44.48,-4 2.76	PAS S
42-4 2	20MHz-20M Hz	QPSK-QPSK	41690-418 88	1RB#0-1RB#99	-30.41,-53.11,-52.61,-5 1.93	PAS S
42-4 2	20MHz-20M Hz	QPSK-QPSK	41690-418 88	1RB#99-1RB#0	-51.92,-54.95,-58.20,-5 6.43	PAS S
42-4 2	20MHz-20M Hz	QPSK-QPSK	42792-429 90	100RB#0-100R B#0	-46.17,-42.96,-41.57	PAS S
42-4 2	20MHz-20M Hz	QPSK-QPSK	42792-429 90	1RB#0-1RB#99	-56.59,-54.47,-39.25	PAS S
42-4 2	20MHz-20M Hz	QPSK-QPSK	42792-429 90	1RB#99-1RB#0	-58.18,-54.77,-52.04	PAS S
42-4 2	20MHz-20M Hz	16QAM-16Q AM	41690-418 88	100RB#0-100R B#0	-41.30,-42.19,-43.34,-4 2.38	PAS S
42-4 2	20MHz-20M Hz	16QAM-16Q AM	41690-418 88	1RB#0-1RB#99	-30.46,-52.52,-52.92,-5 2.20	PAS S
42-4 2	20MHz-20M Hz	16QAM-16Q AM	41690-418 88	1RB#99-1RB#0	-52.10,-54.95,-58.55,-5 6.73	PAS S
42-4 2	20MHz-20M Hz	16QAM-16Q AM	42792-429 90	100RB#0-100R B#0	-45.14,-42.96,-42.03	PAS S
42-4 2	20MHz-20M Hz	16QAM-16Q AM	42792-429 90	1RB#0-1RB#99	-56.67,-54.68,-40.68	PAS S
42-4 2	20MHz-20M Hz	16QAM-16Q AM	42792-429 90	1RB#99-1RB#0	-58.29,-54.73,-52.05	PAS S
42-4 2	20MHz-20M Hz	64QAM-64Q AM	41690-418 88	100RB#0-100R B#0	-40.77,-40.35,-44.25,-4 1.71	PAS S
42-4 2	20MHz-20M Hz	64QAM-64Q AM	41690-418 88	1RB#0-1RB#99	-30.51,-52.70,-52.91,-5 1.59	PAS S
42-4 2	20MHz-20M Hz	64QAM-64Q AM	41690-418 88	1RB#99-1RB#0	-52.06,-54.86,-58.52,-5 6.91	PAS S
42-4 2	20MHz-20M Hz	64QAM-64Q AM	42792-429 90	100RB#0-100R B#0	-44.73,-43.24,-41.74	PAS S
42-4 2	20MHz-20M Hz	64QAM-64Q AM	42792-429 90	1RB#0-1RB#99	-56.94,-54.65,-39.79	PAS S
42-4 2	20MHz-20M Hz	64QAM-64Q AM	42792-429 90	1RB#99-1RB#0	-58.50,-54.86,-52.08	PAS S

Test Graphs

42-42-20MHz-20MHz-QPSK-QPSK-41690-41888-100RB#0-100RB#0



42-42-20MHz-20MHz-QPSK-QPSK-41690-41888-1RB#0-1RB#99



42-42-20MHz-20MHz-QPSK-QPSK-41690-41888-1RB#99-1RB#0



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