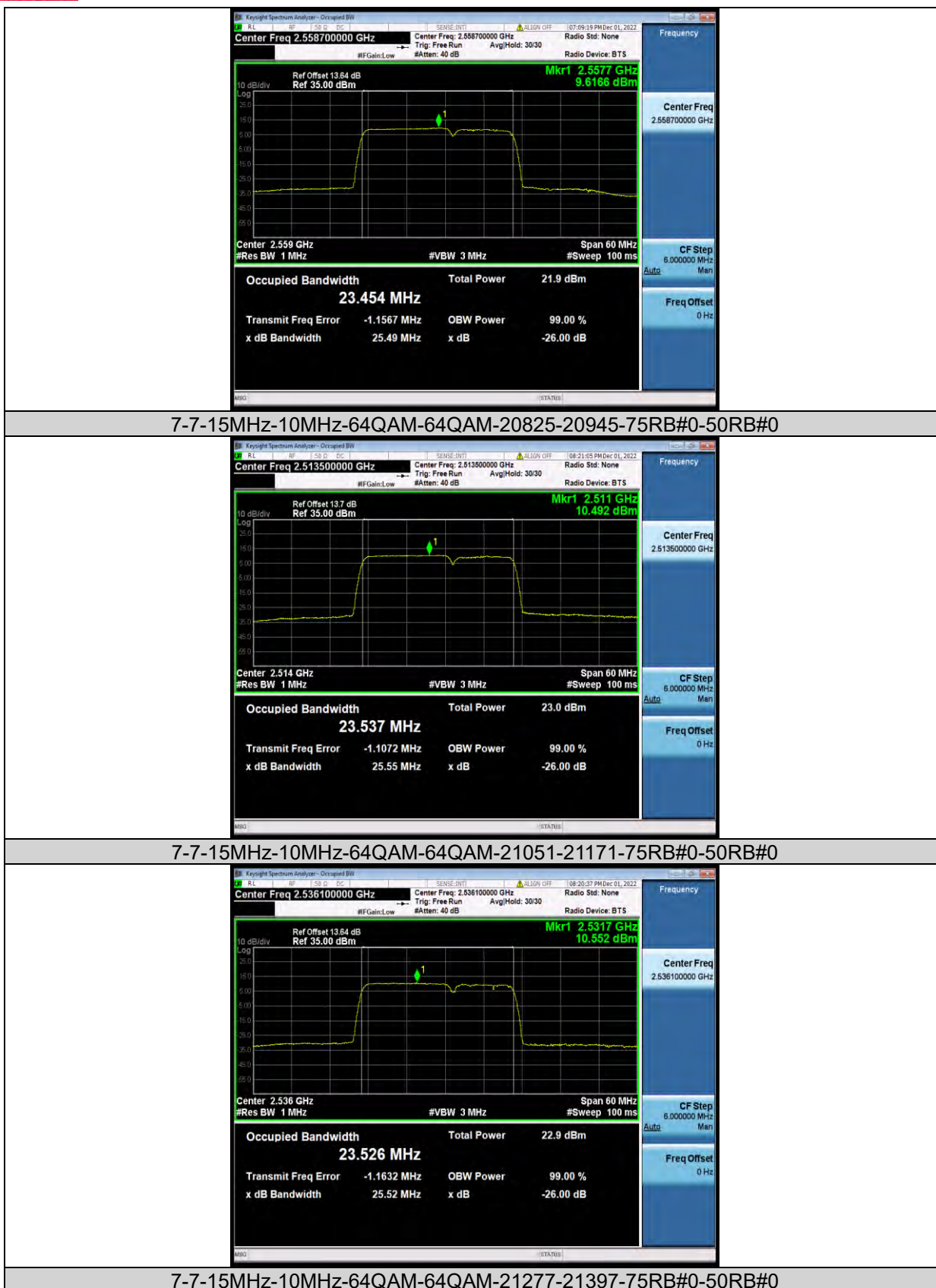
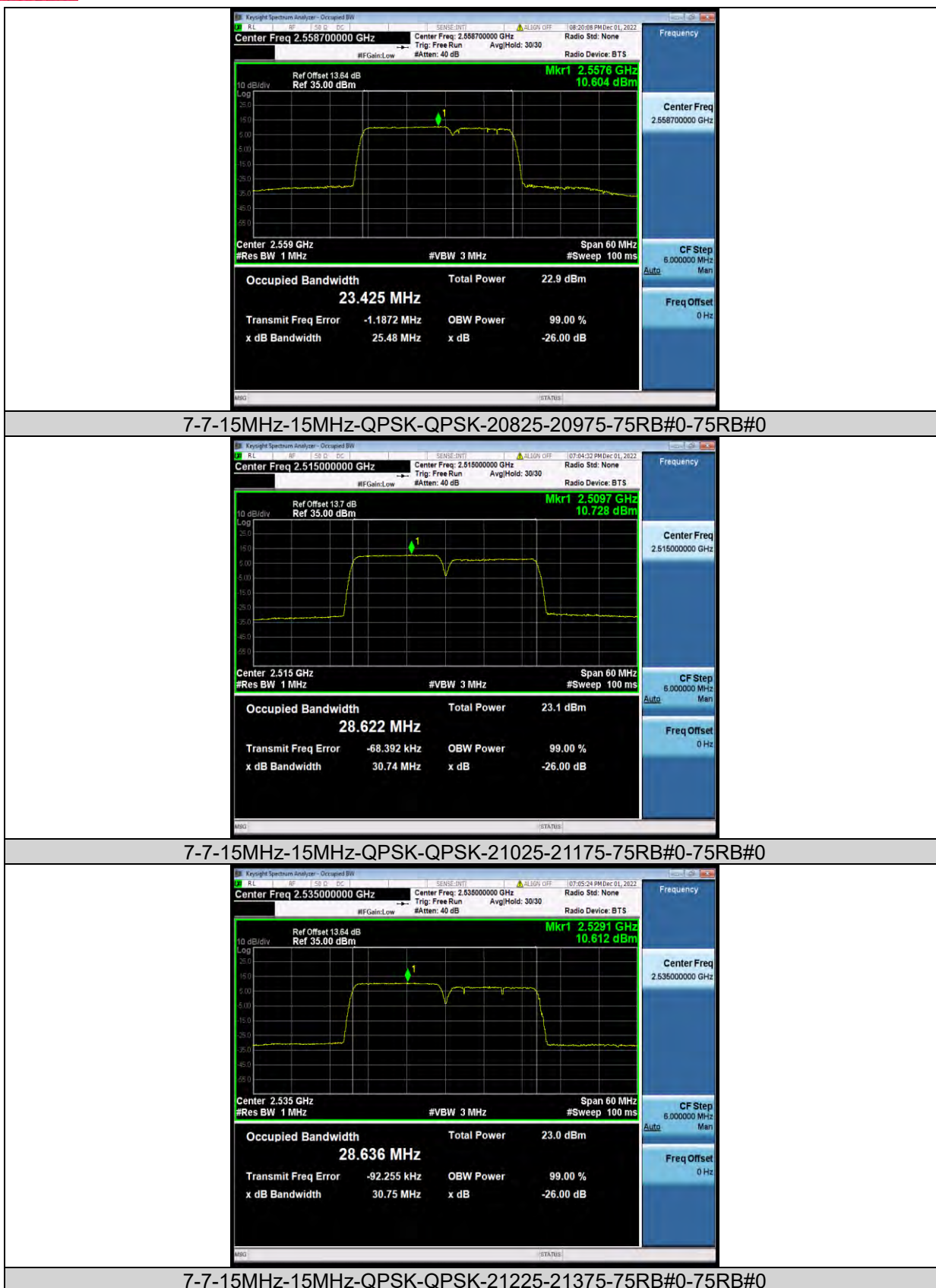
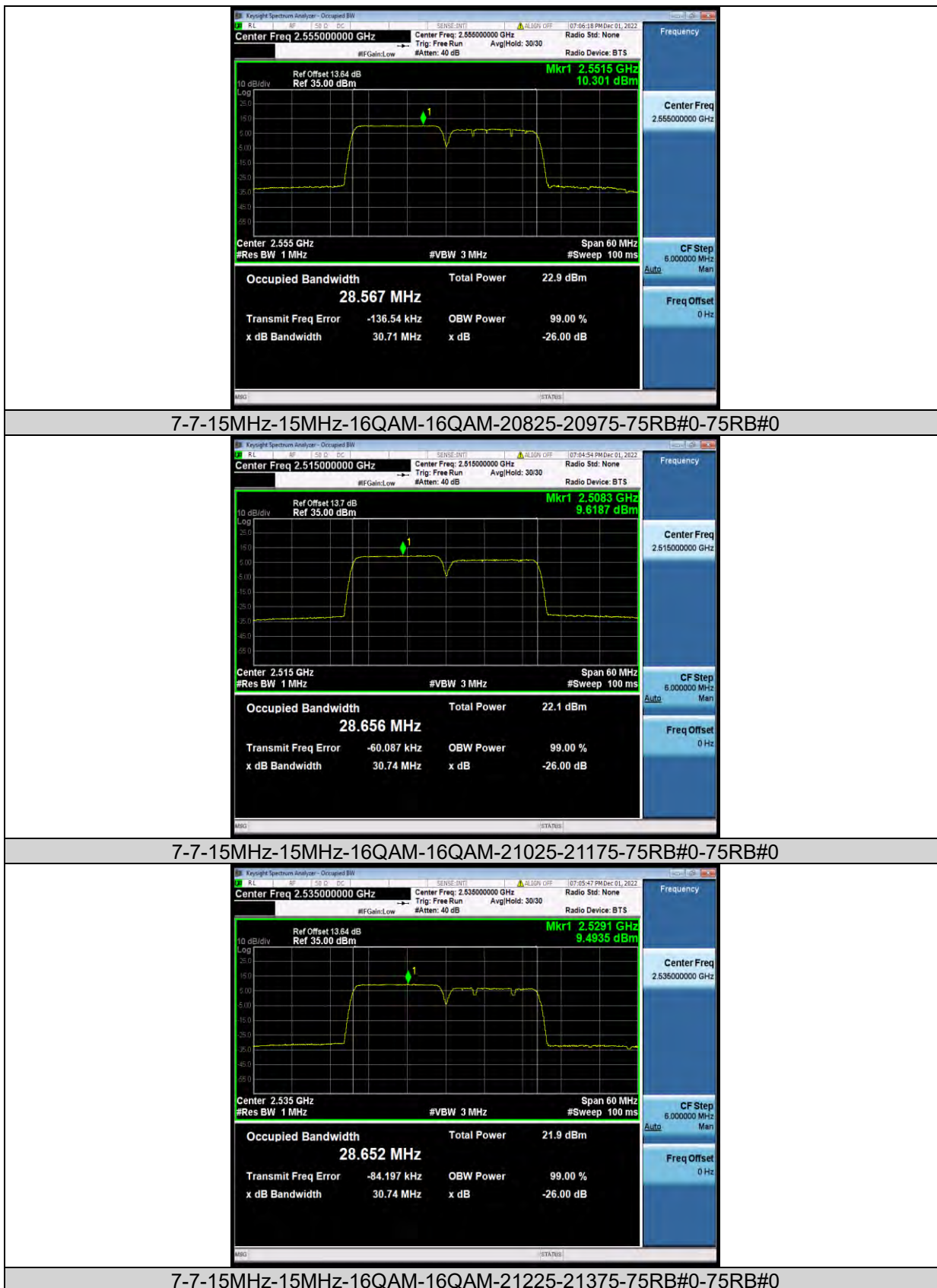




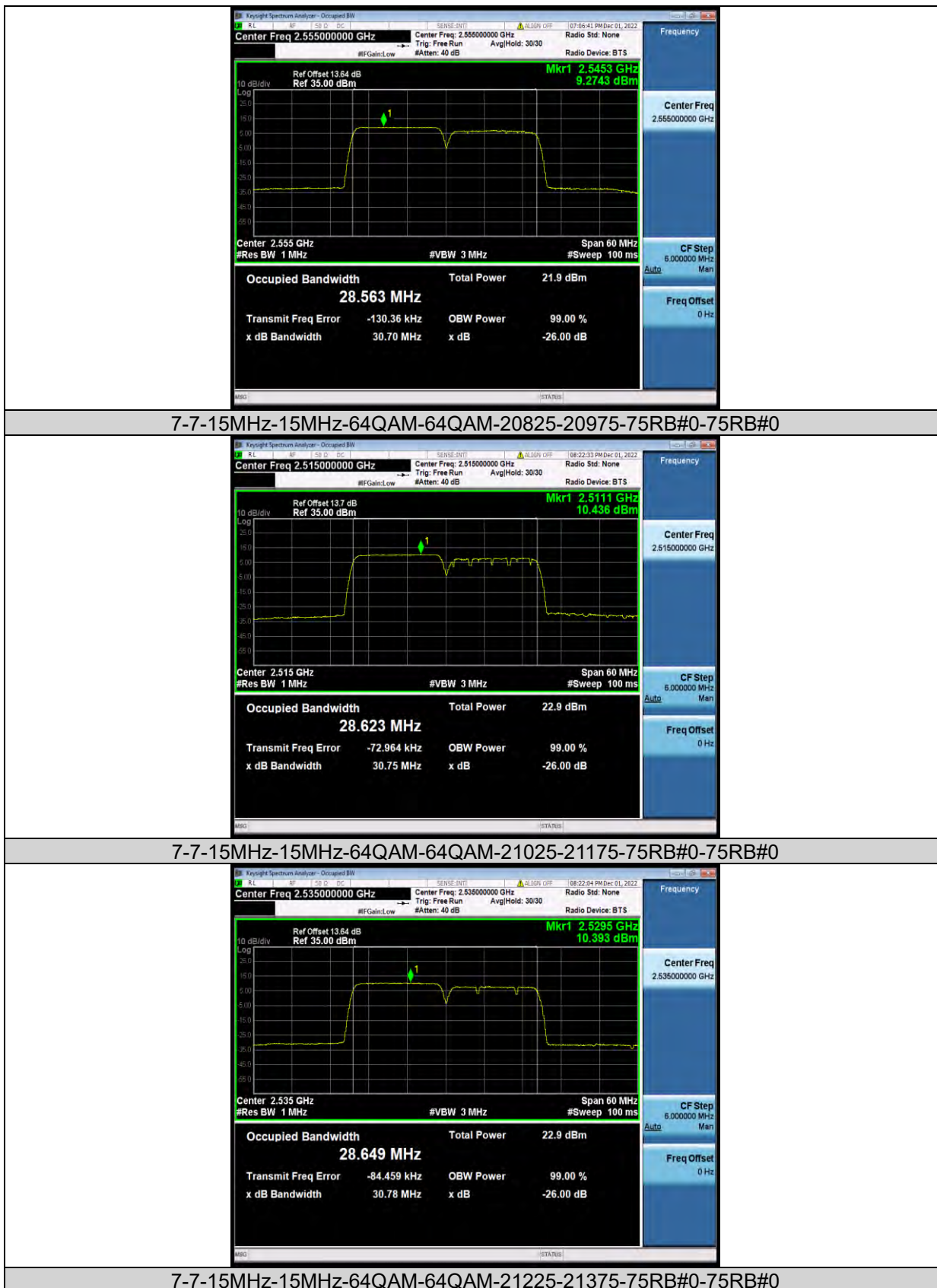


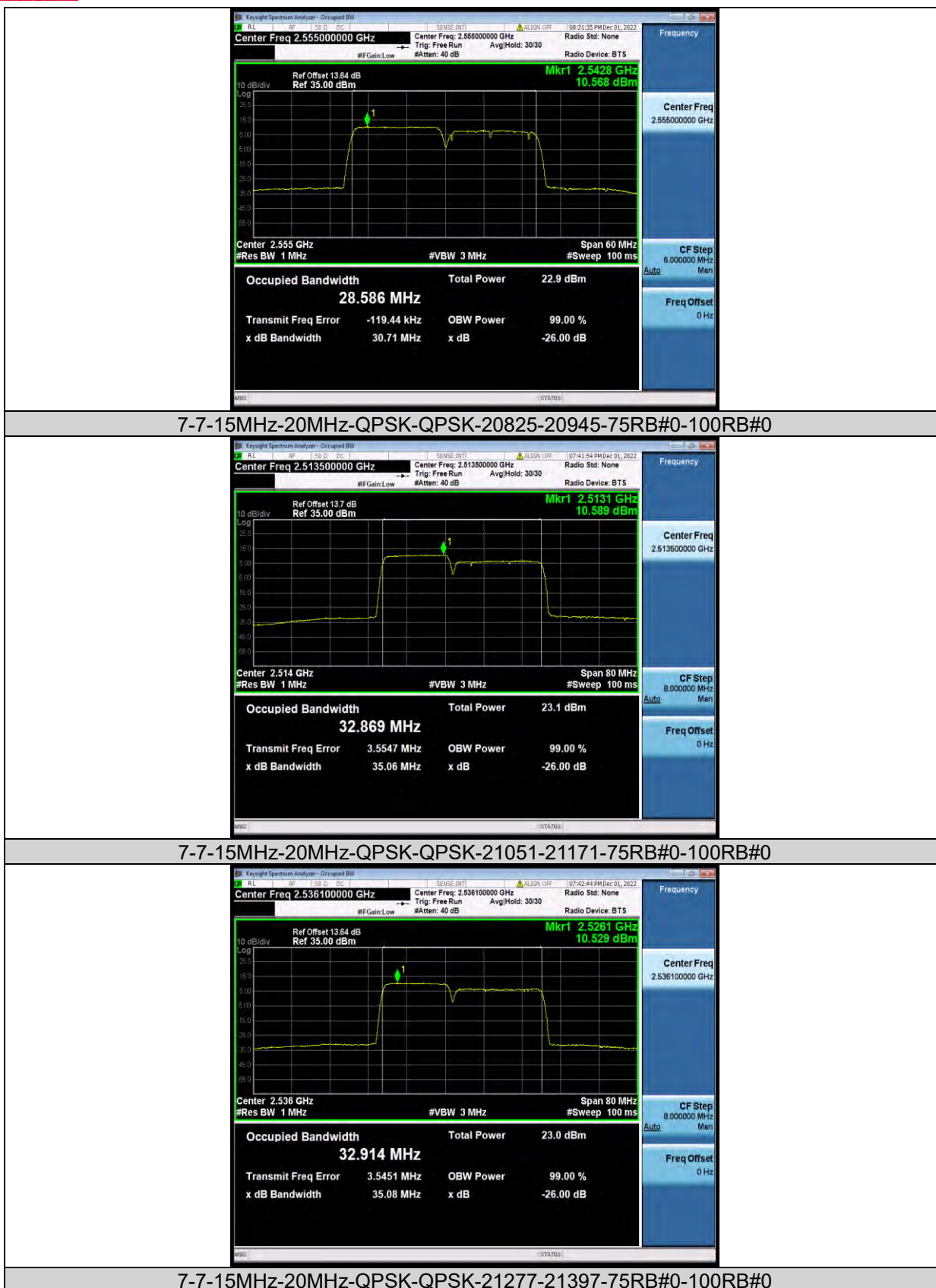


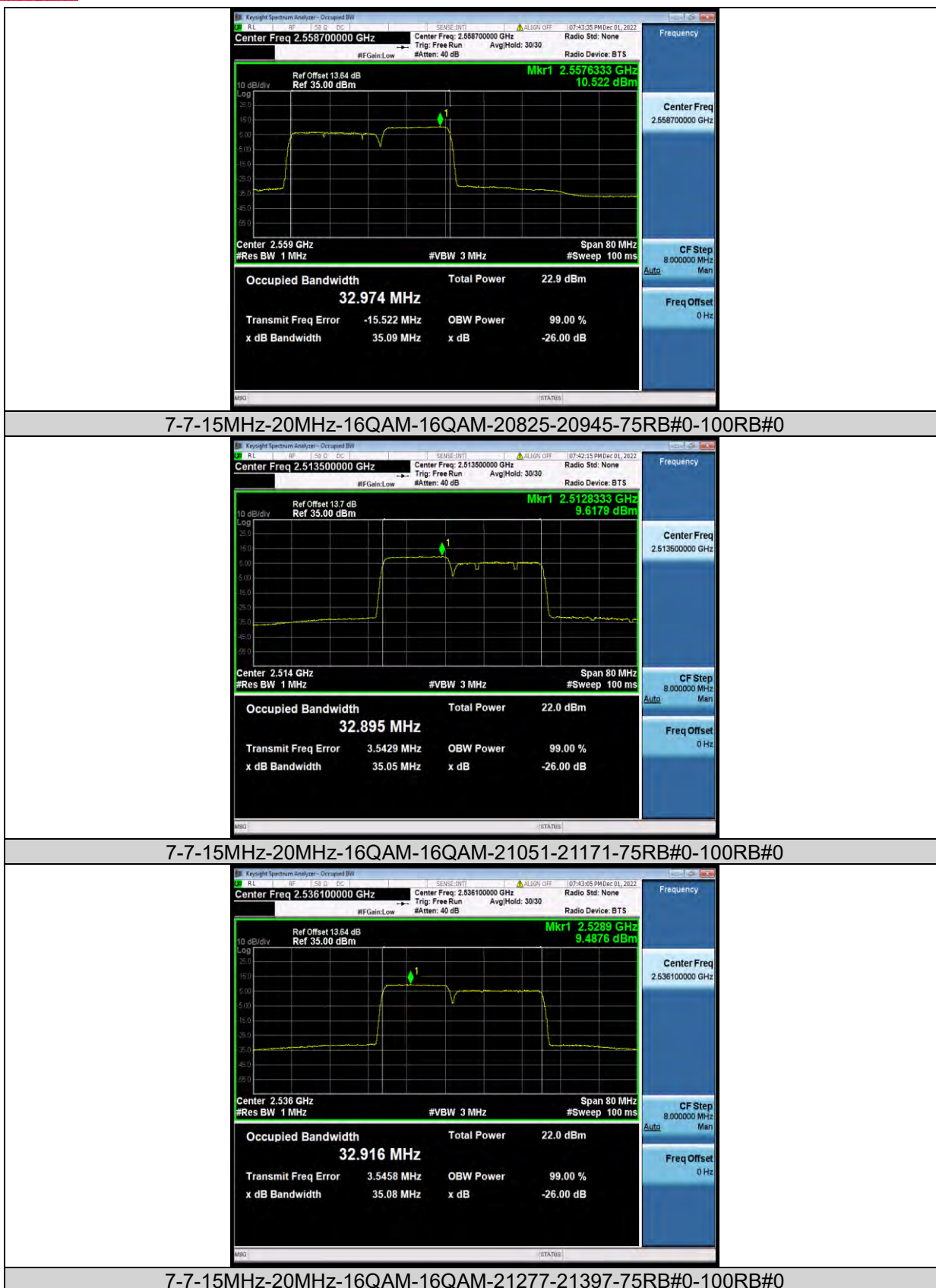
7-7-15MHz-15MHz-16QAM-16QAM-20825-20975-75RB#0-75RB#0

7-7-15MHz-15MHz-16QAM-16QAM-21025-21175-75RB#0-75RB#0

7-7-15MHz-15MHz-16QAM-16QAM-21225-21375-75RB#0-75RB#0



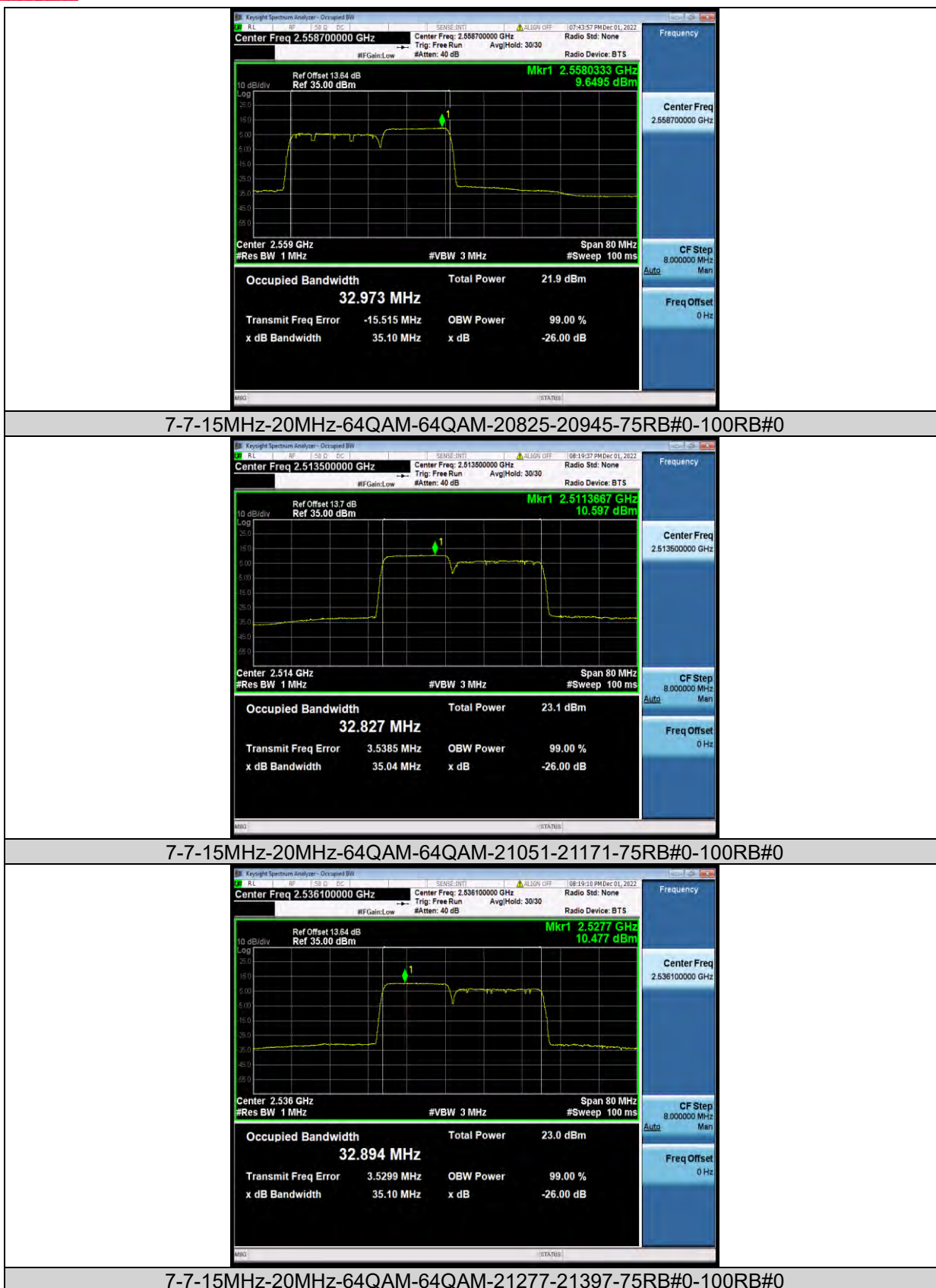


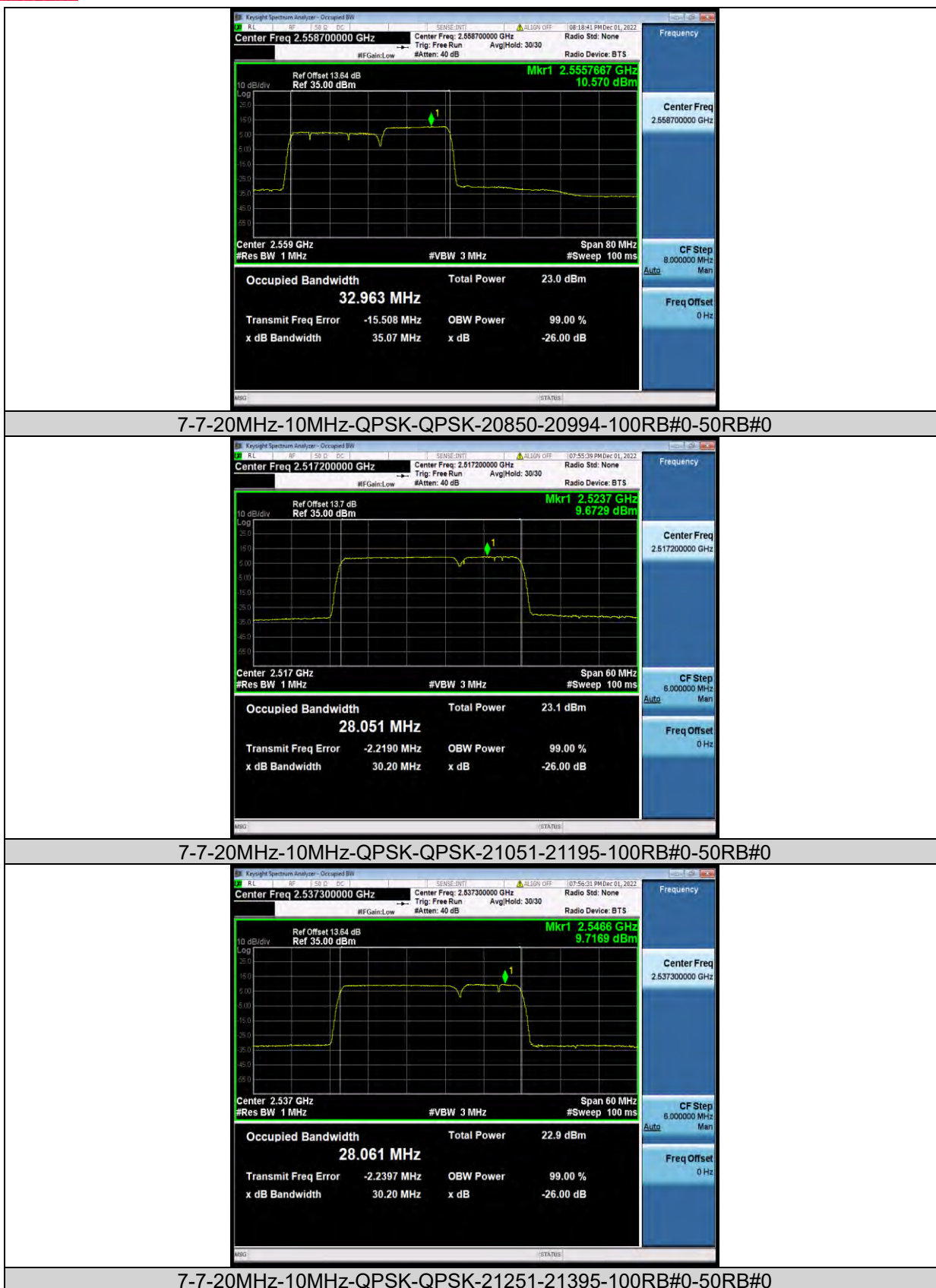


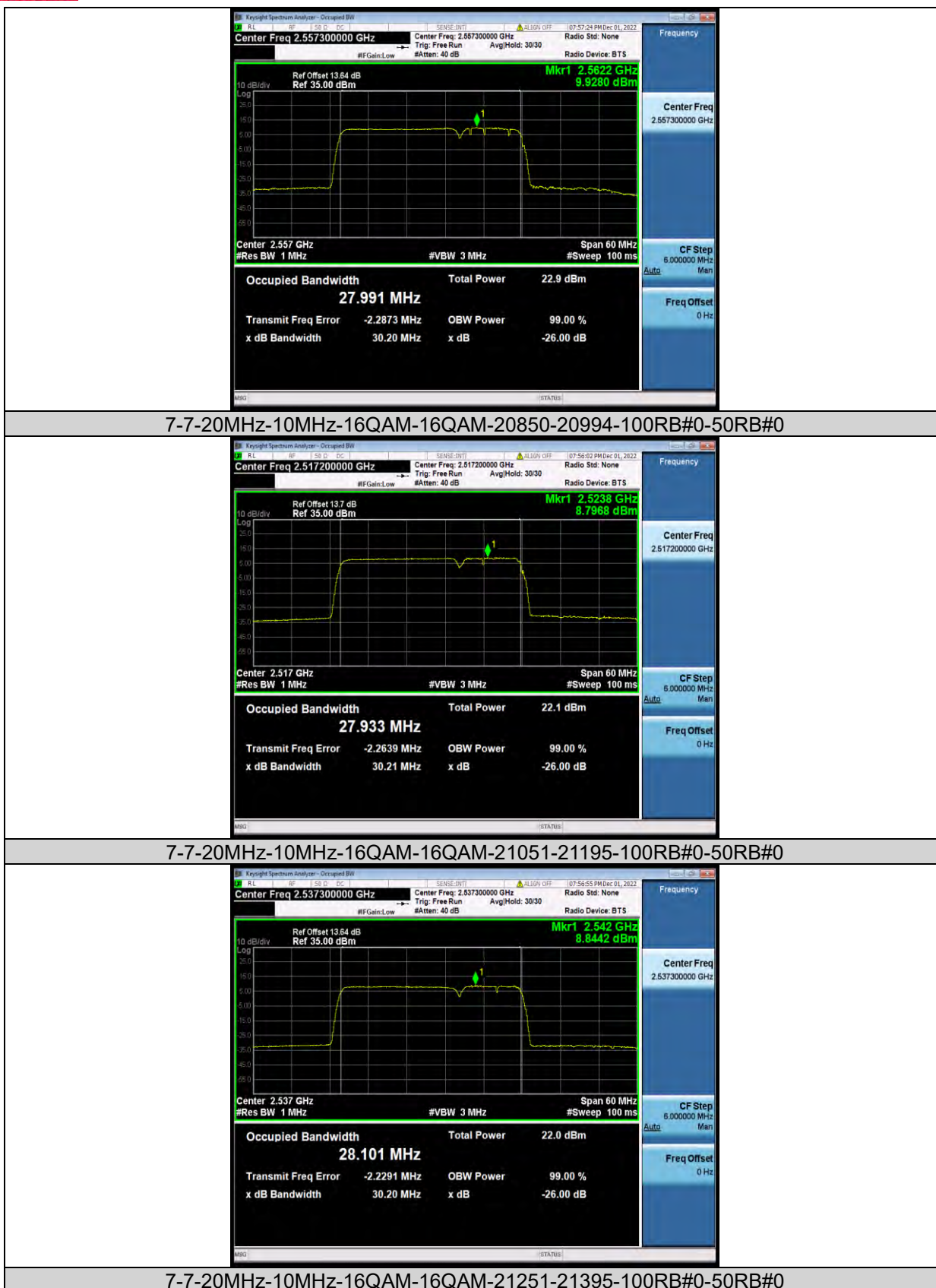
7-7-15MHz-20MHz-16QAM-16QAM-20825-20945-75RB#0-100RB#0

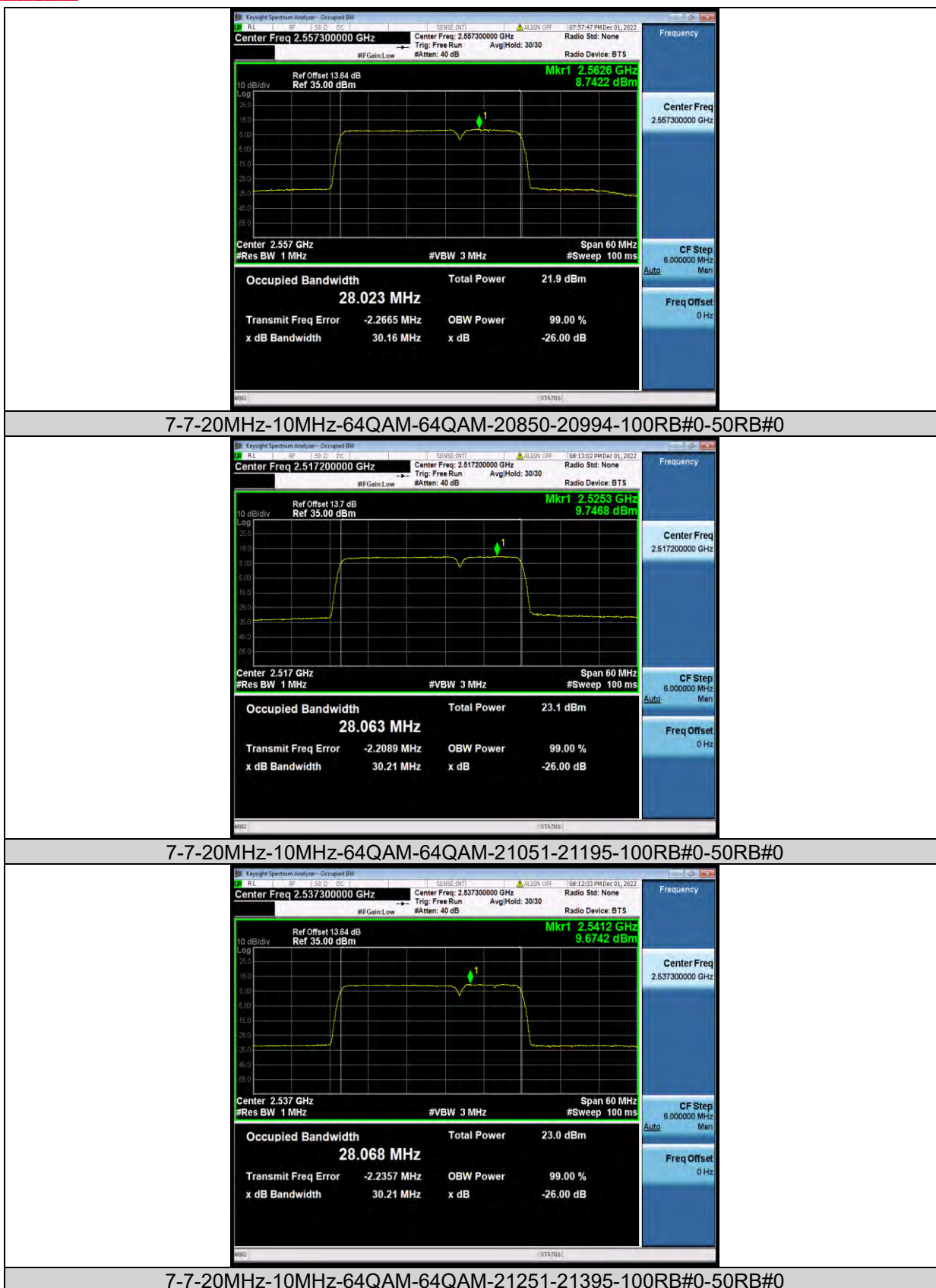
7-7-15MHz-20MHz-16QAM-16QAM-21051-21171-75RB#0-100RB#0

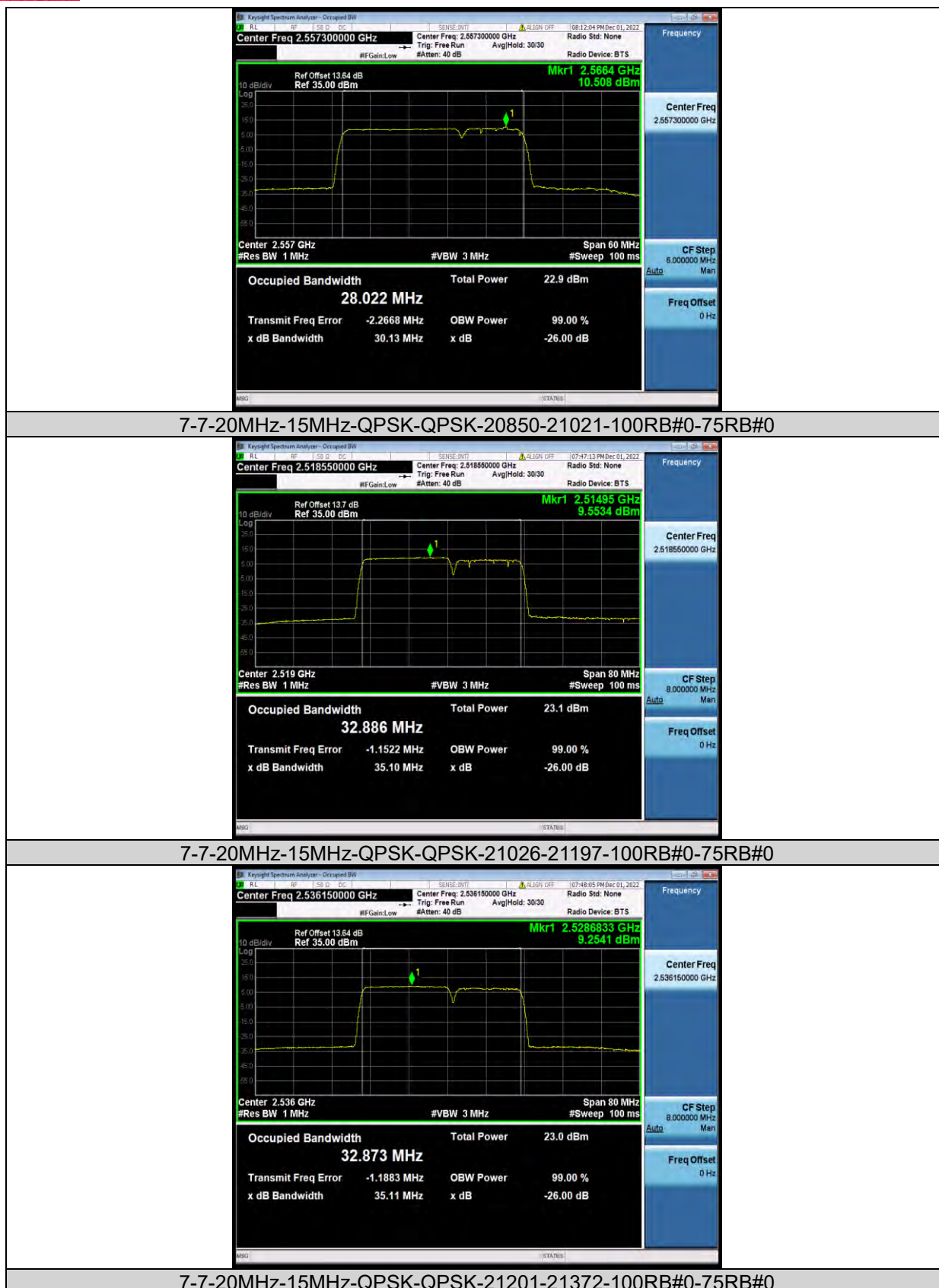
7-7-15MHz-20MHz-16QAM-16QAM-21277-21397-75RB#0-100RB#0

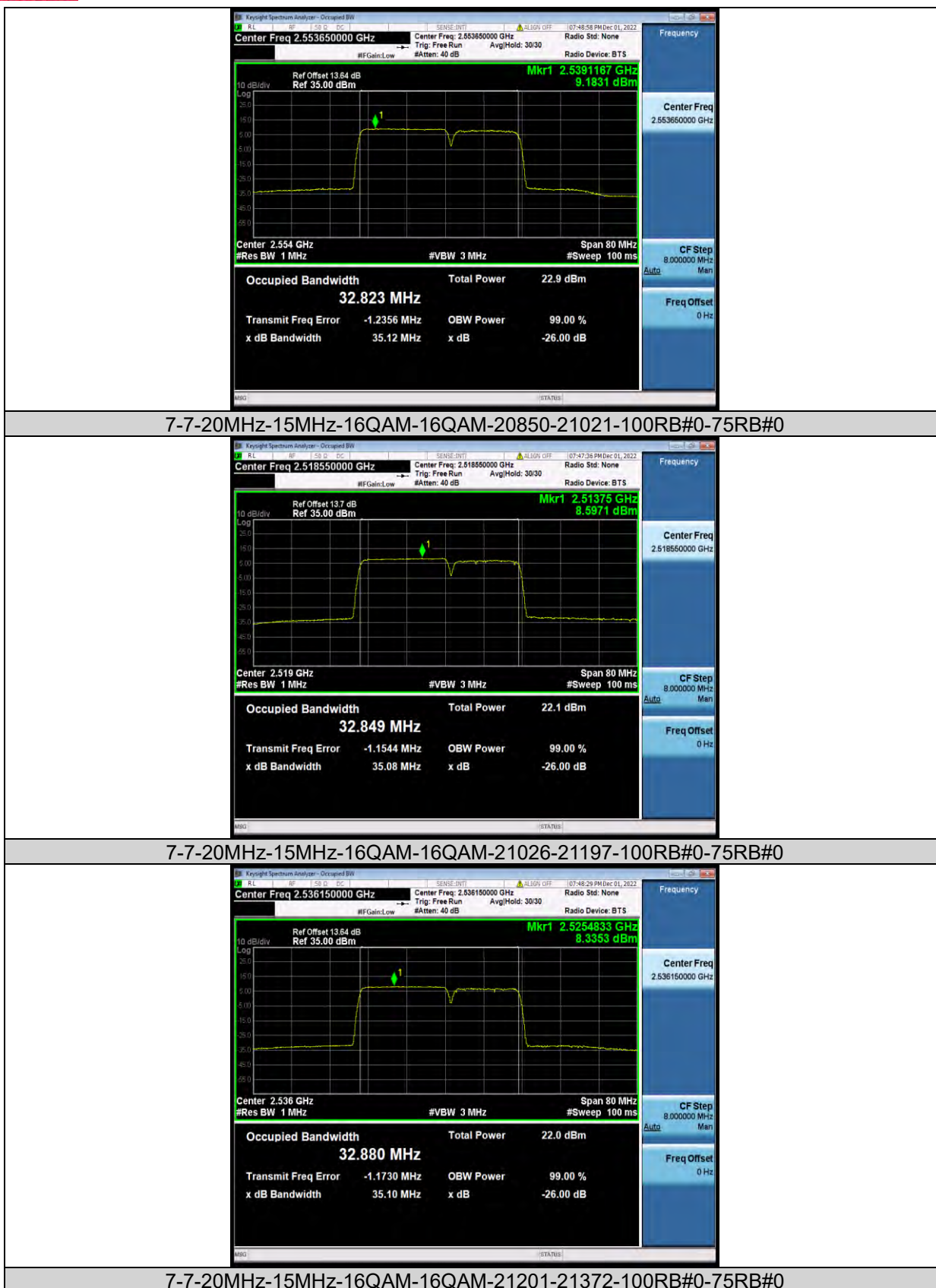








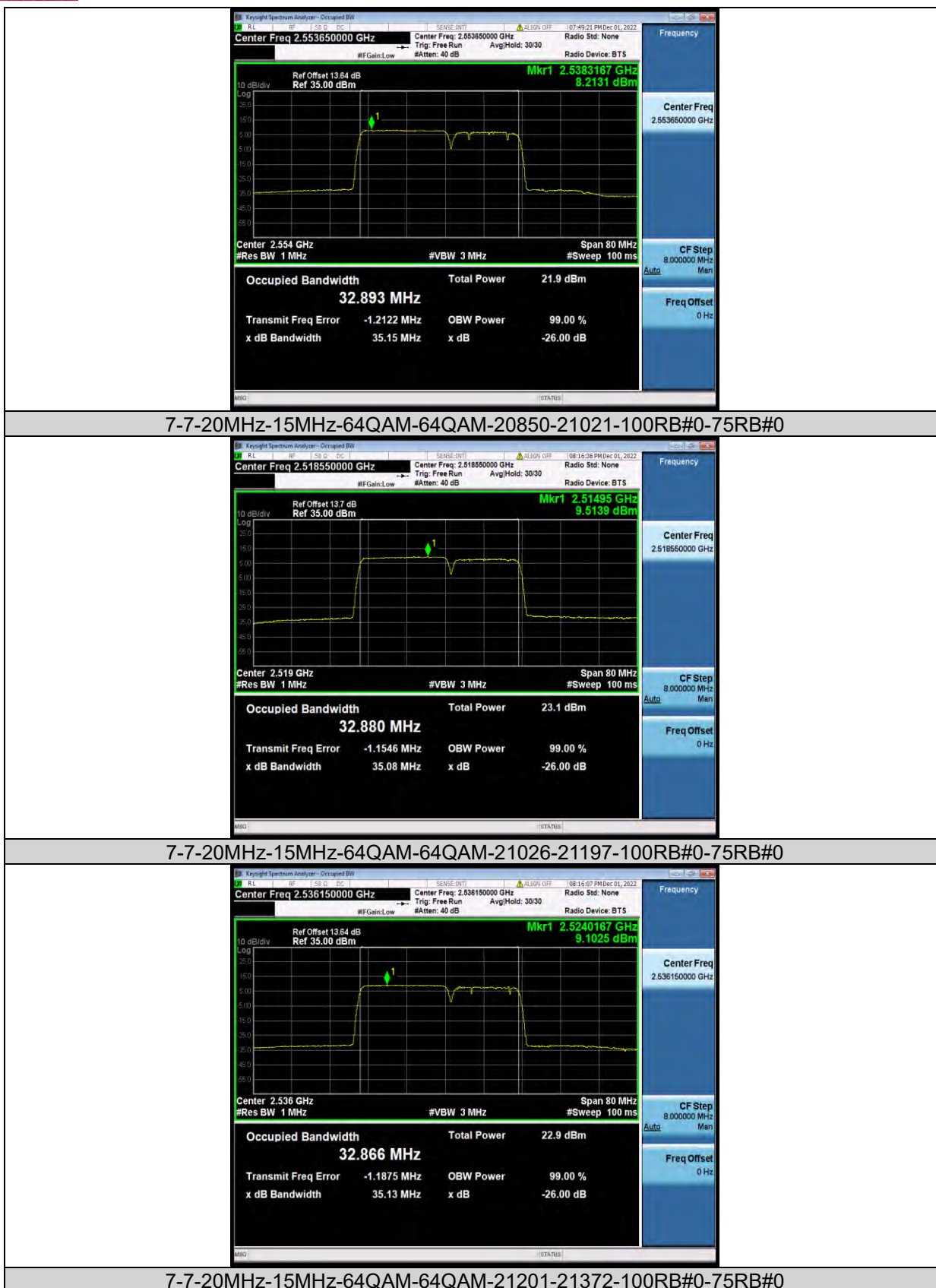




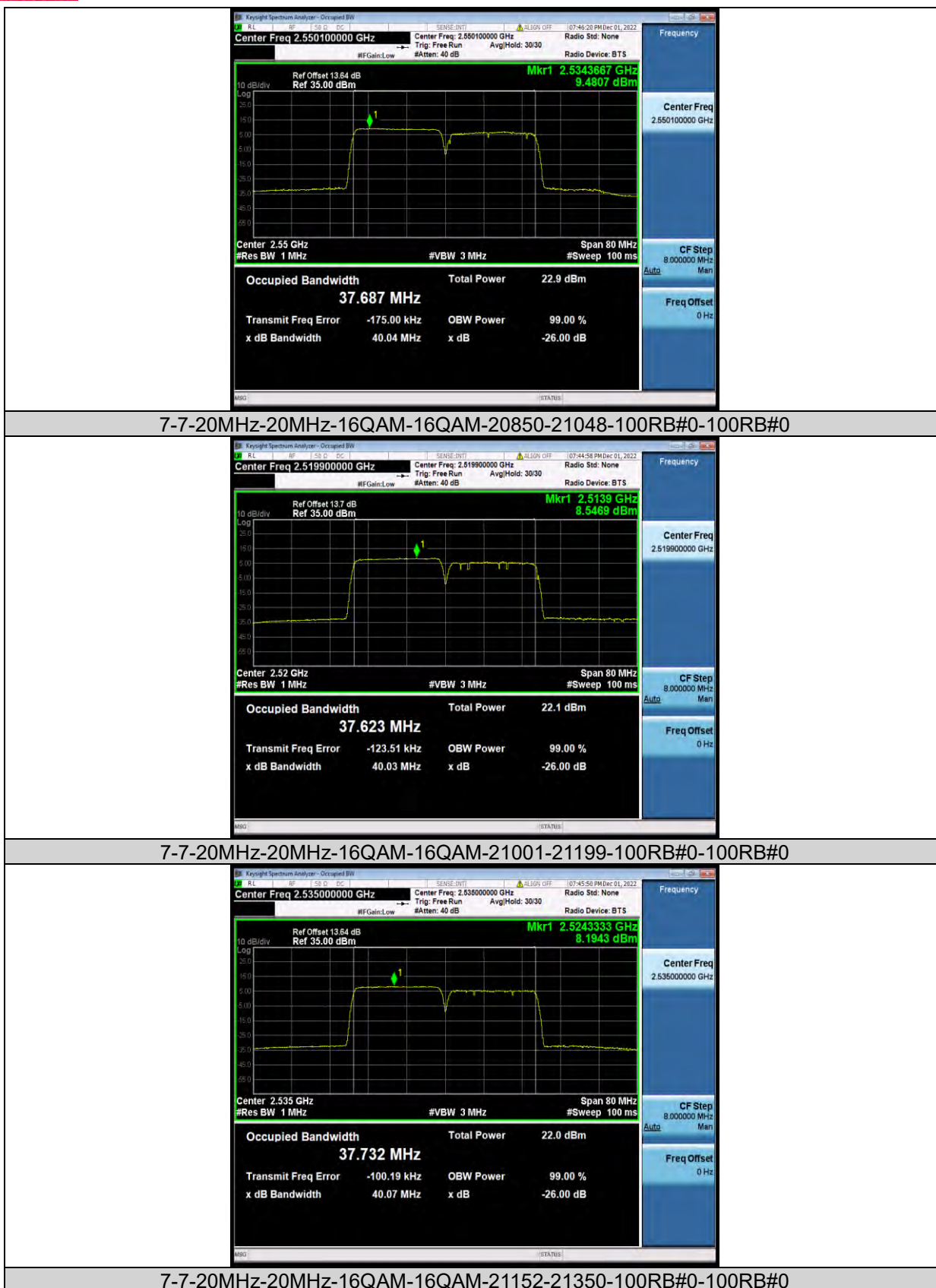
7-7-20MHz-15MHz-16QAM-16QAM-20850-21021-100RB#0-75RB#0

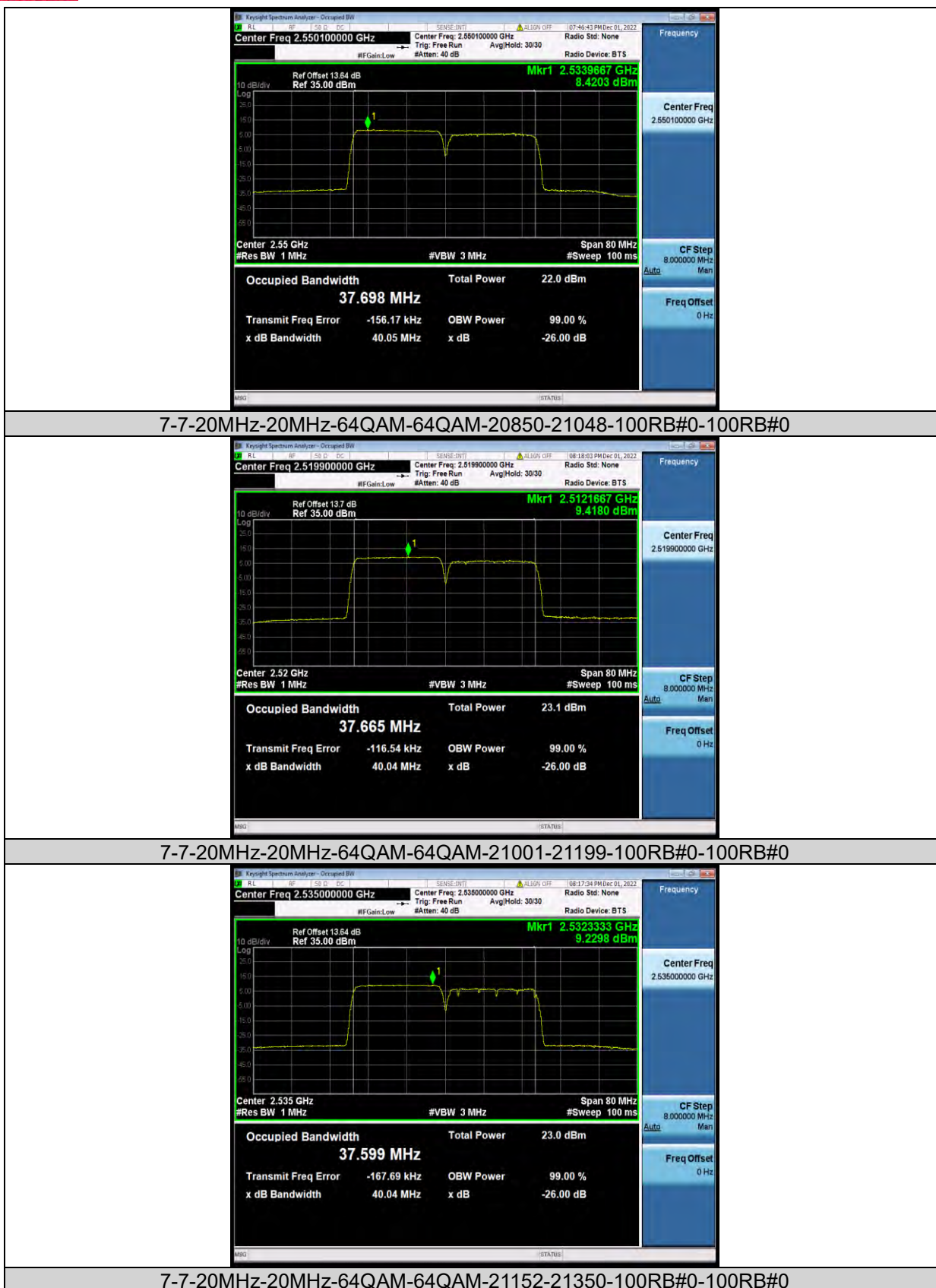
7-7-20MHz-15MHz-16QAM-16QAM-21026-21197-100RB#0-75RB#0

7-7-20MHz-15MHz-16QAM-16QAM-21201-21372-100RB#0-75RB#0













Test Report No.: W7L-P23030016RF08

BAND EDGE

Test Result

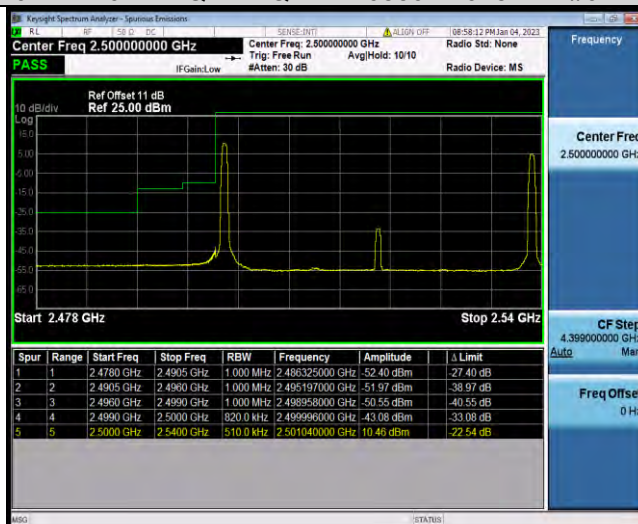
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	-39.25,-37.57,-37.29,-34.67	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#0-1RB#99	-52.40,-51.97,-50.55,-43.08	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	-52.40,-52.08,-52.18,-51.83	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	-37.41,-39.04,-52.25,-52.41	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#0-1RB#99	-46.94,-51.82,-52.25,-52.38	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	-52.15,-52.09,-52.23,-52.39	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	-52.45,-41.26,-39.07,-36.63	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#0-1RB#99	-52.26,-51.95,-50.55,-43.54	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#99-1RB#0	-52.34,-52.28,-52.17,-52.10	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	-40.04,-41.07,-41.93,-52.41	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#0-1RB#99	-48.19,-51.74,-52.11,-52.42	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#99-1RB#0	-52.20,-52.30,-52.24,-52.38	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	-41.34,-40.20,-39.81,-37.80	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#0-1RB#99	-52.38,-52.06,-50.57,-43.68	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#99-1RB#0	-52.45,-52.43,-52.17,-52.16	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	-39.67,-41.30,-42.13,-52.41	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#0-1RB#99	-47.53,-51.70,-52.15,-52.35	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#99-1RB#0	-52.27,-52.25,-52.06,-52.41	PASS

Test Graphs

7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-100RB#0-100RB#0



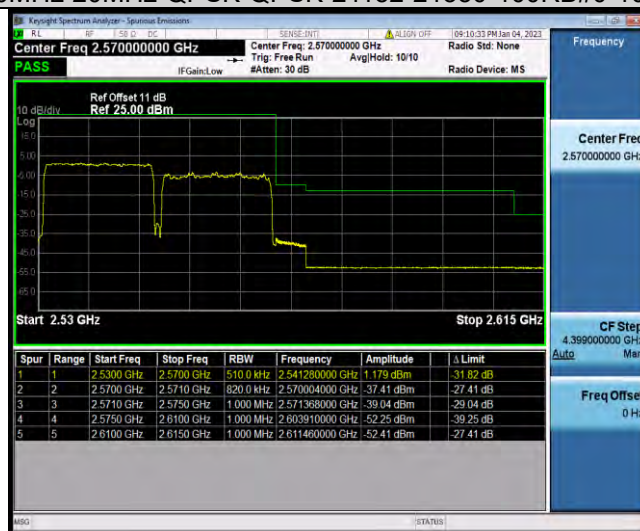
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#0-1RB#99



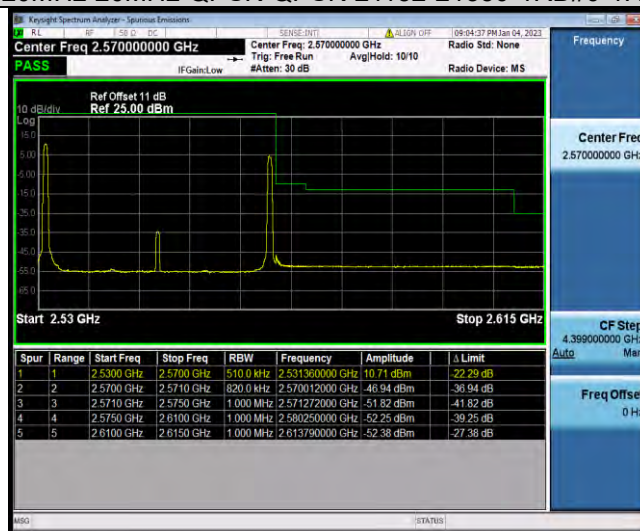
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#99-1RB#0



7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-100RB#0-100RB#0



7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#0-1RB#99

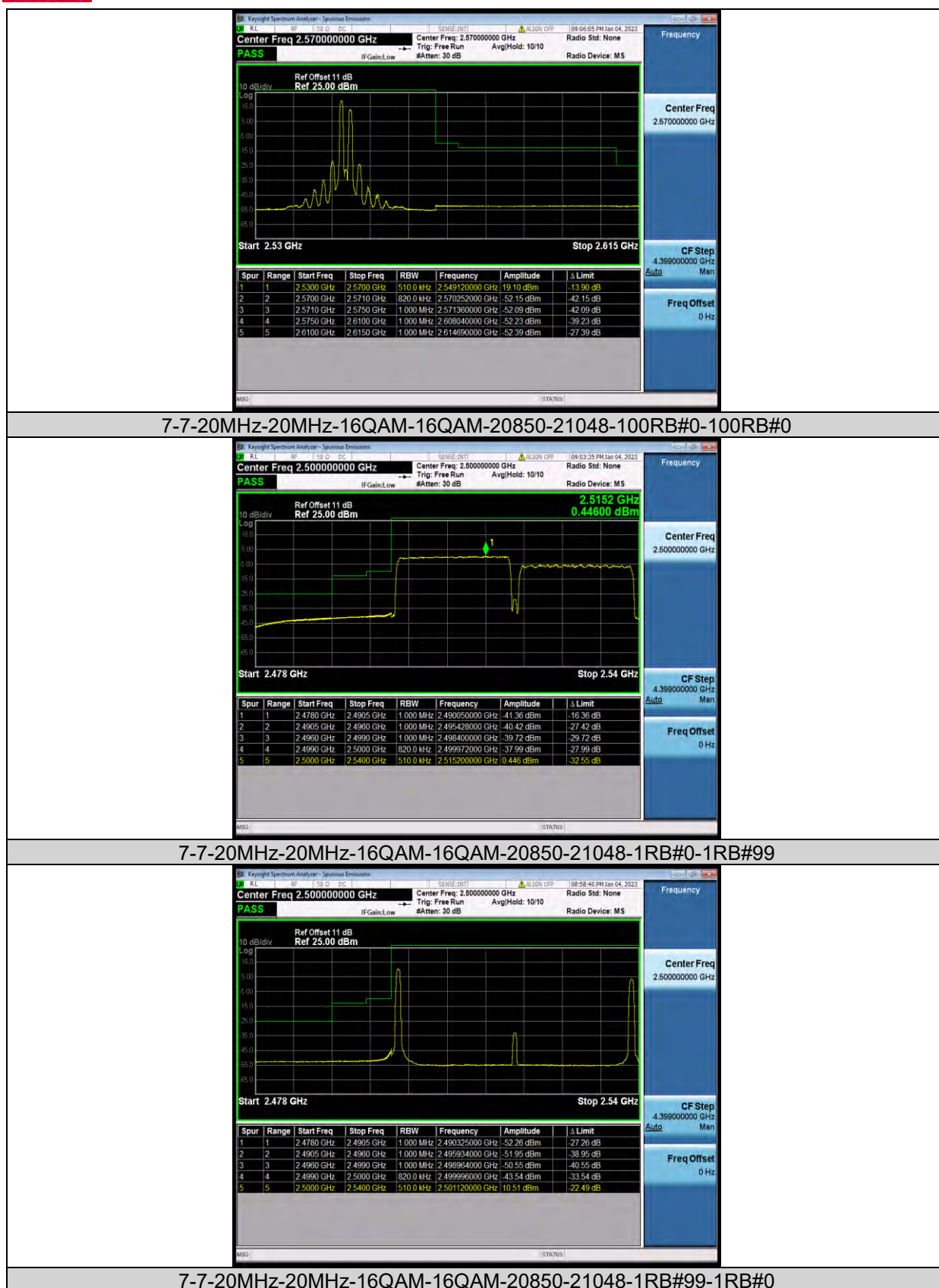


7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#99-1RB#0



BUREAU
VERITAS

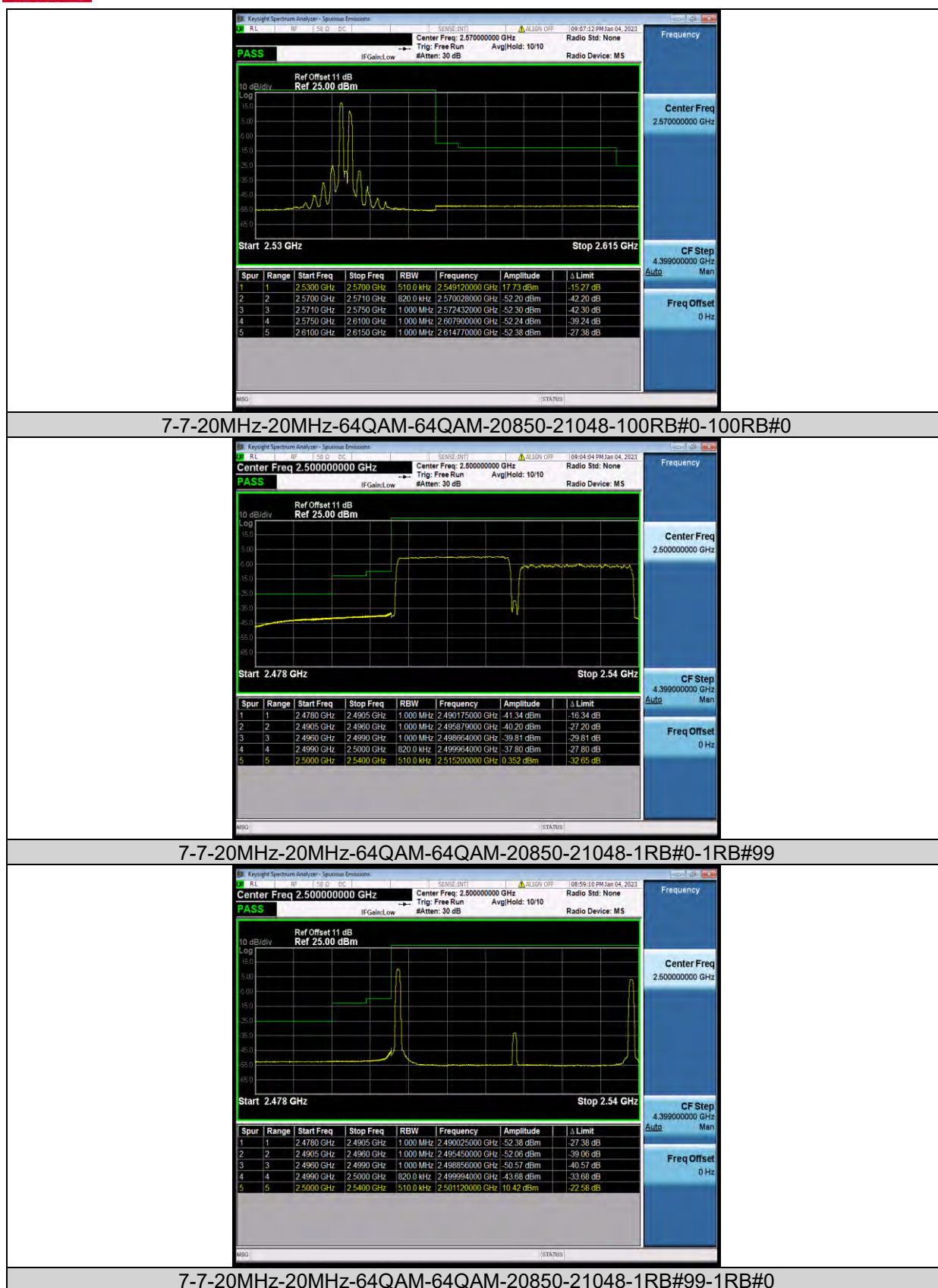
Test Report No.: W7L-P23030016RF08







Test Report No.: W7L-P23030016RF08

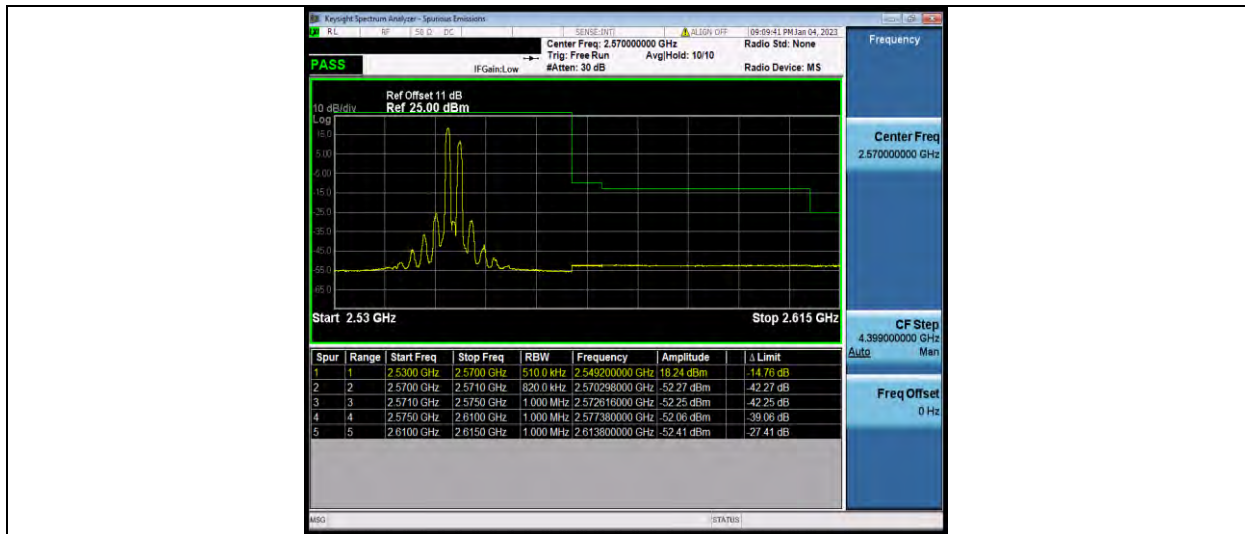






BUREAU
VERITAS

Test Report No.: W7L-P23030016RF08





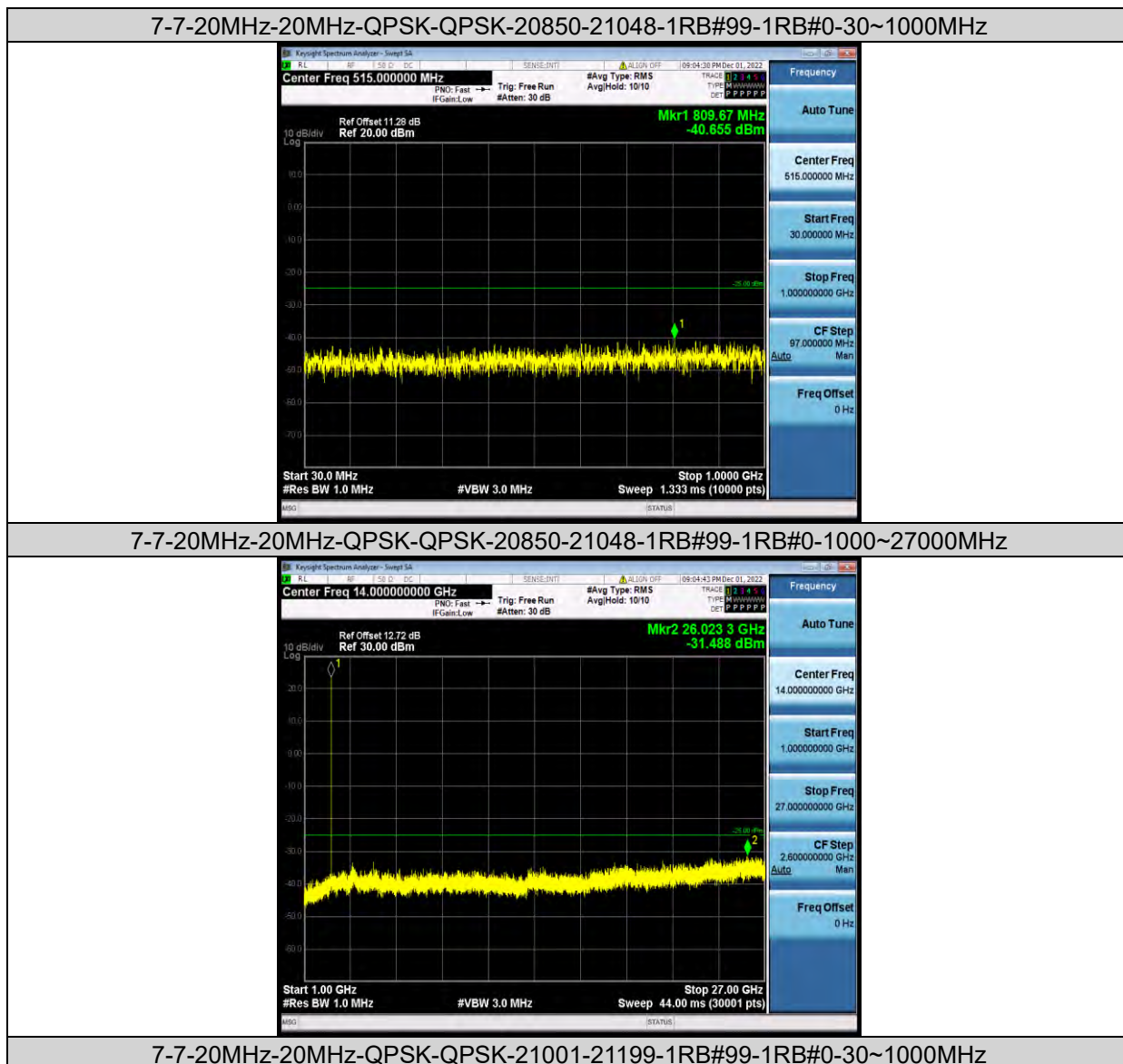
Test Report No.: W7L-P23030016RF08

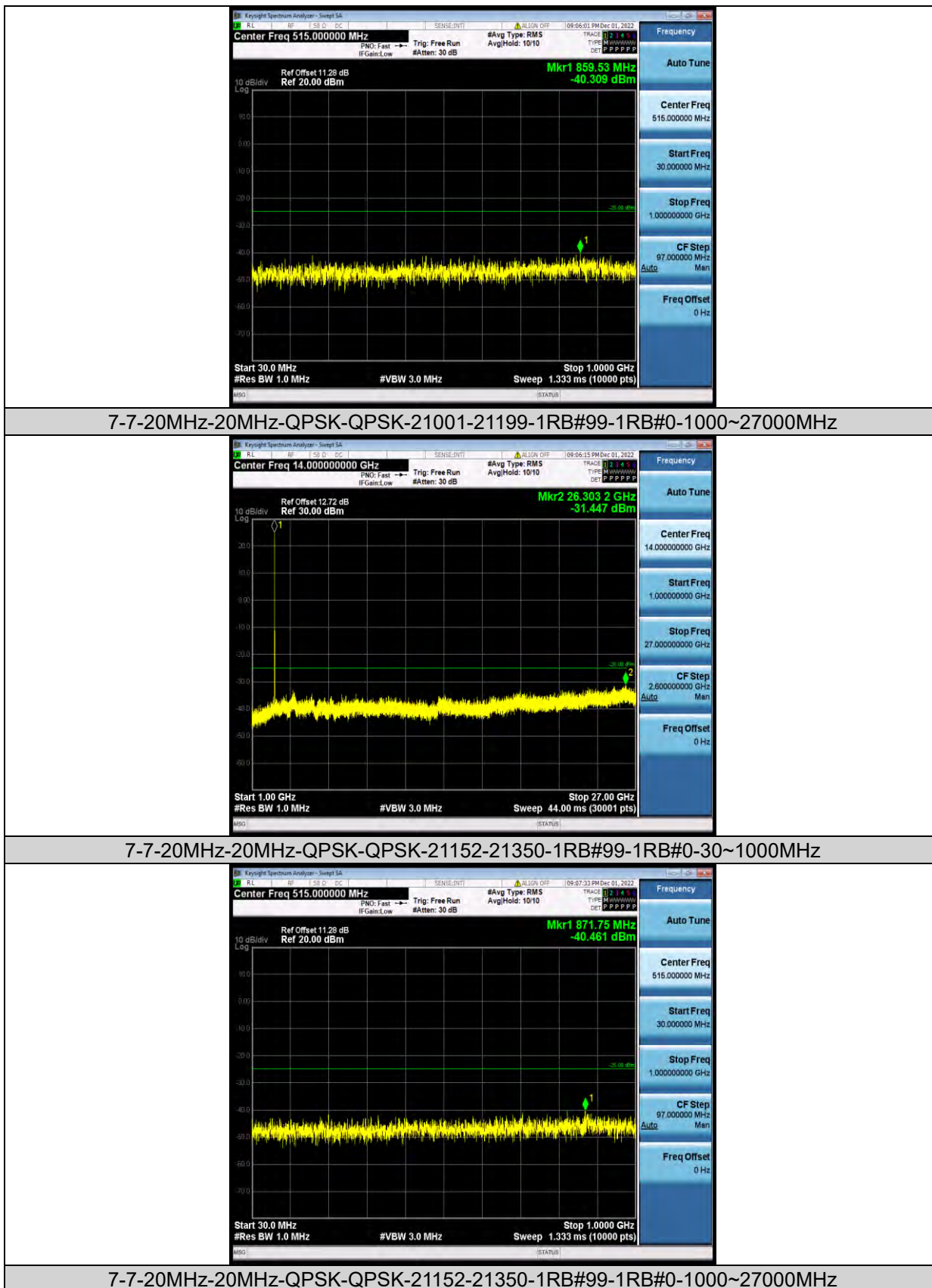
CONDUCTED SPURIOUS EMISSION

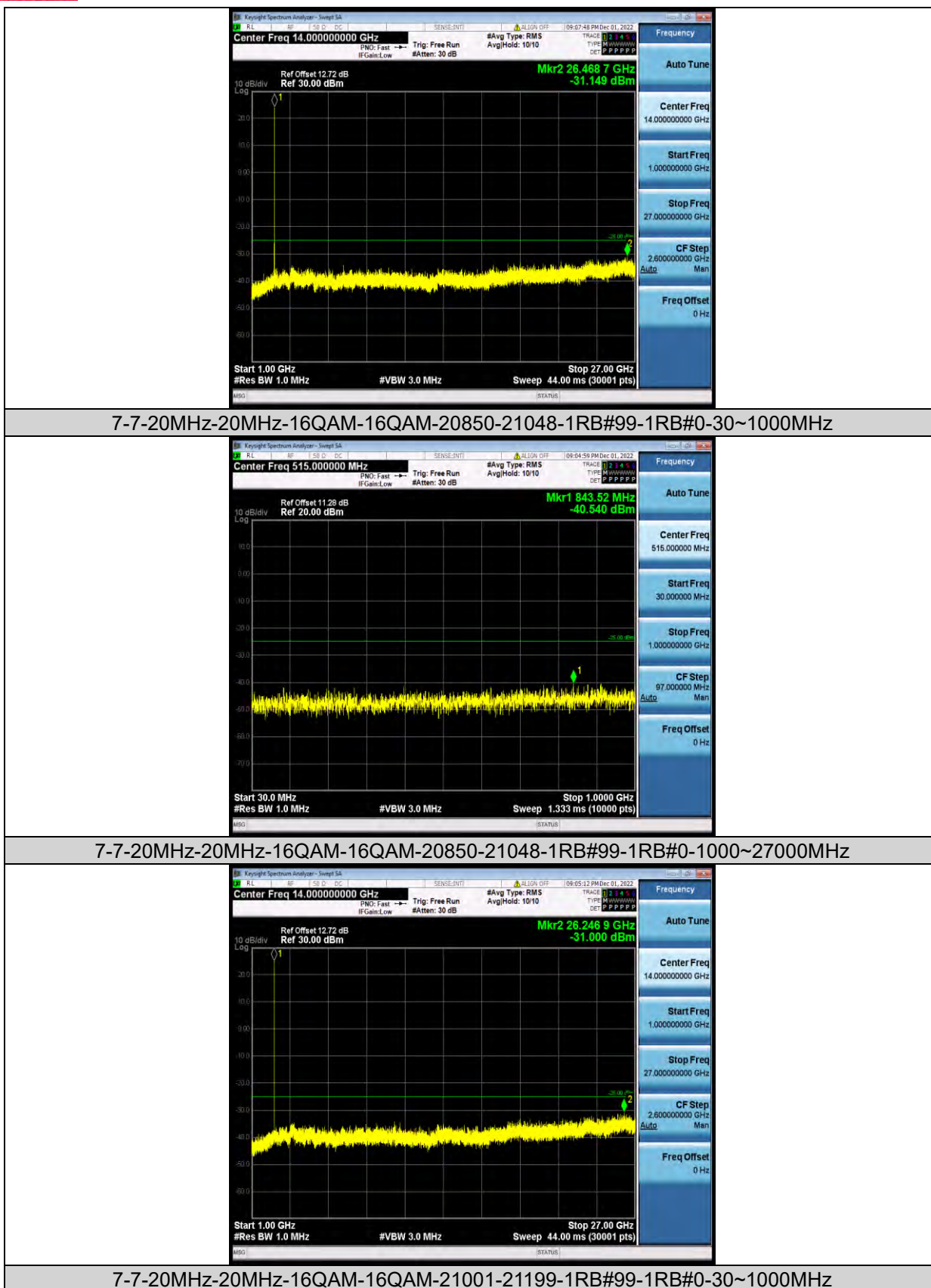
Test Result

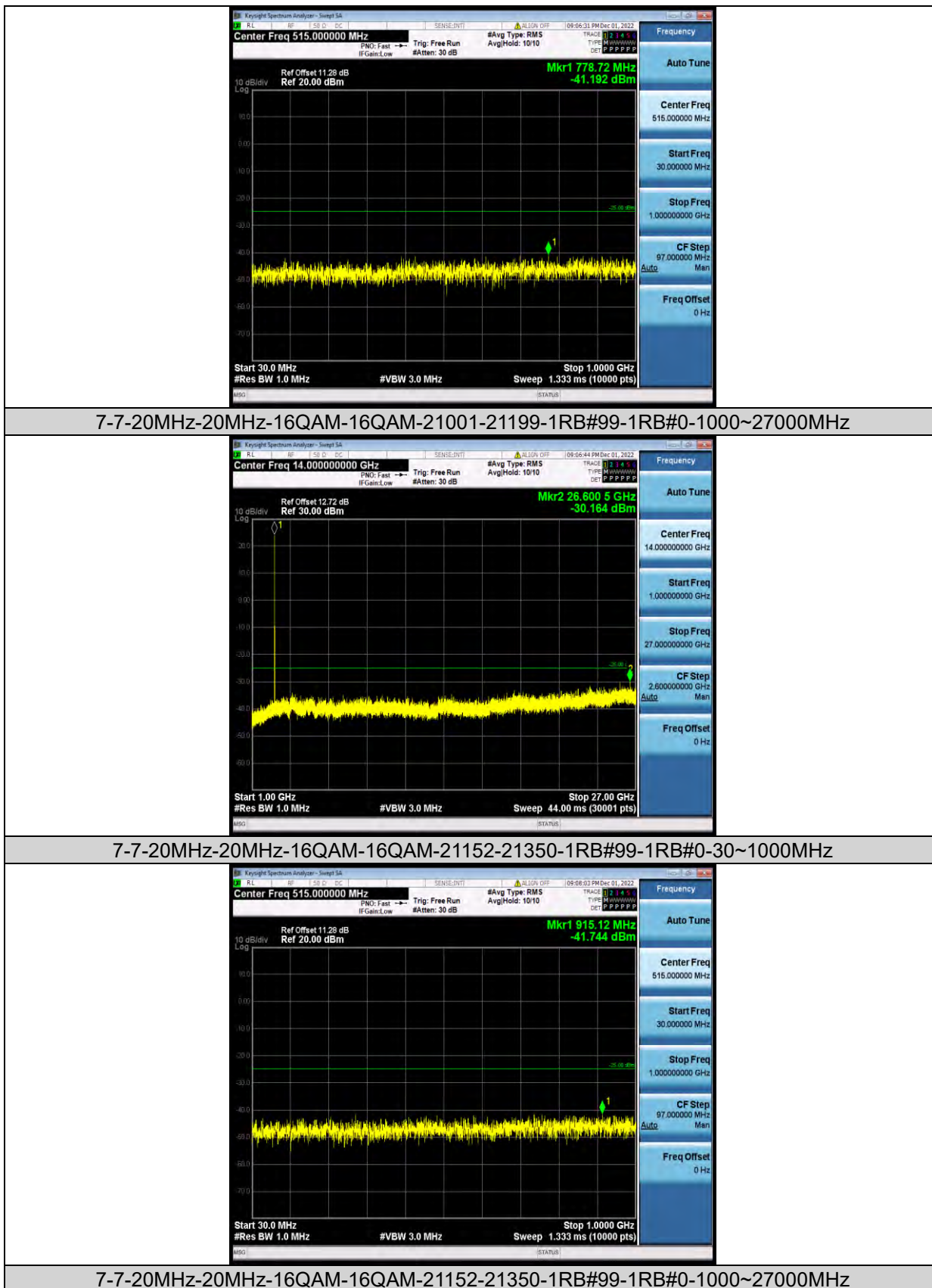
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	30~1000MHz	-40.66	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	1000~27000MHz	-31.49	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#99-1RB#0	30~1000MHz	-40.31	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#99-1RB#0	1000~27000MHz	-31.45	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	30~1000MHz	-40.46	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	1000~27000MHz	-31.15	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#99-1RB#0	30~1000MHz	-40.54	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#99-1RB#0	1000~27000MHz	-31	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	1RB#99-1RB#0	30~1000MHz	-41.19	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	1RB#99-1RB#0	1000~27000MHz	-30.16	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#99-1RB#0	30~1000MHz	-41.74	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#99-1RB#0	1000~27000MHz	-30.85	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#99-1RB#0	30~1000MHz	-40.47	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#99-1RB#0	1000~27000MHz	-30.68	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	1RB#99-1RB#0	30~1000MHz	-40.66	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	1RB#99-1RB#0	1000~27000MHz	-31.12	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#99-1RB#0	30~1000MHz	-40.72	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#99-1RB#0	1000~27000MHz	-30.93	PASS

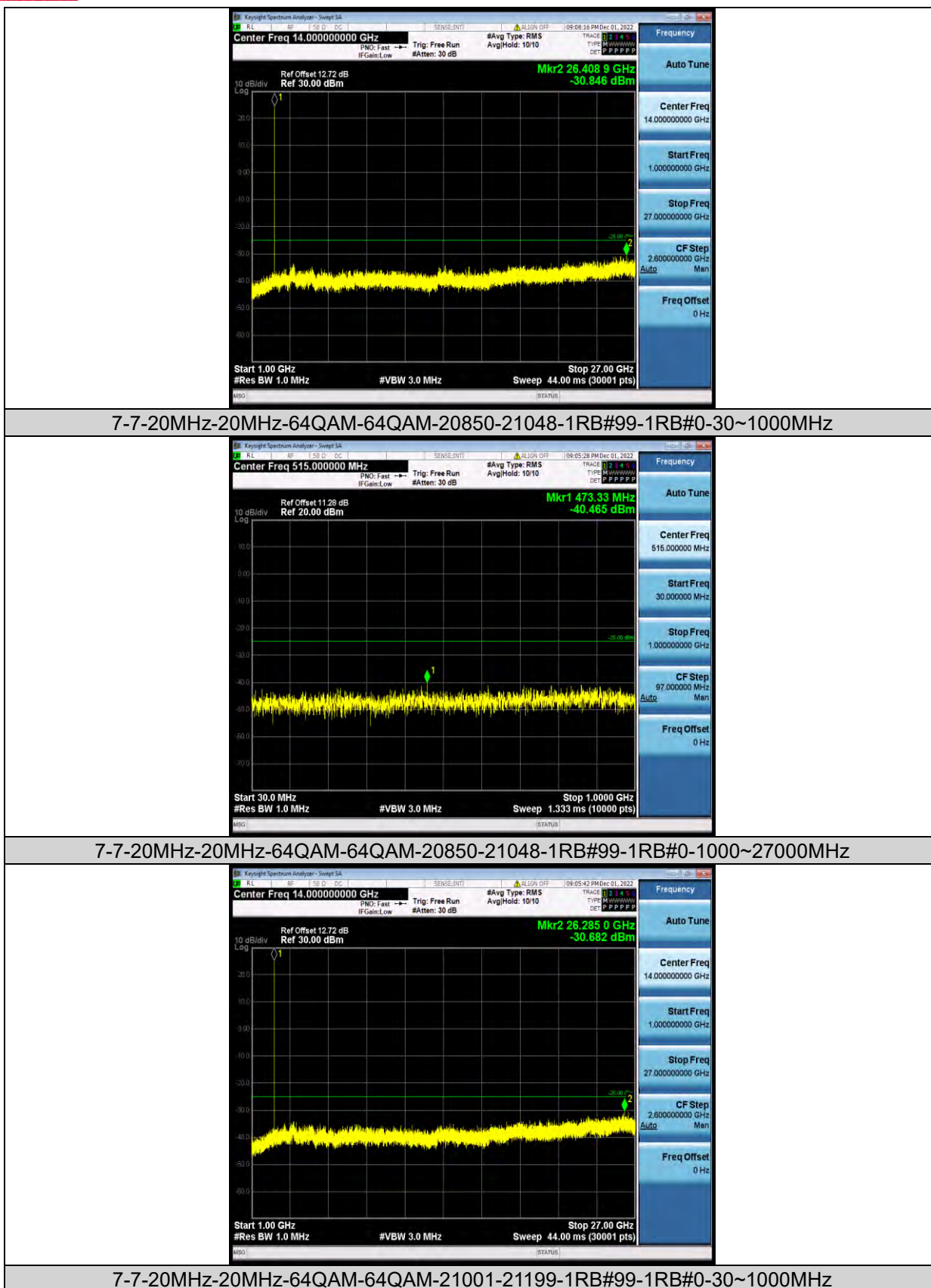
Test Graphs

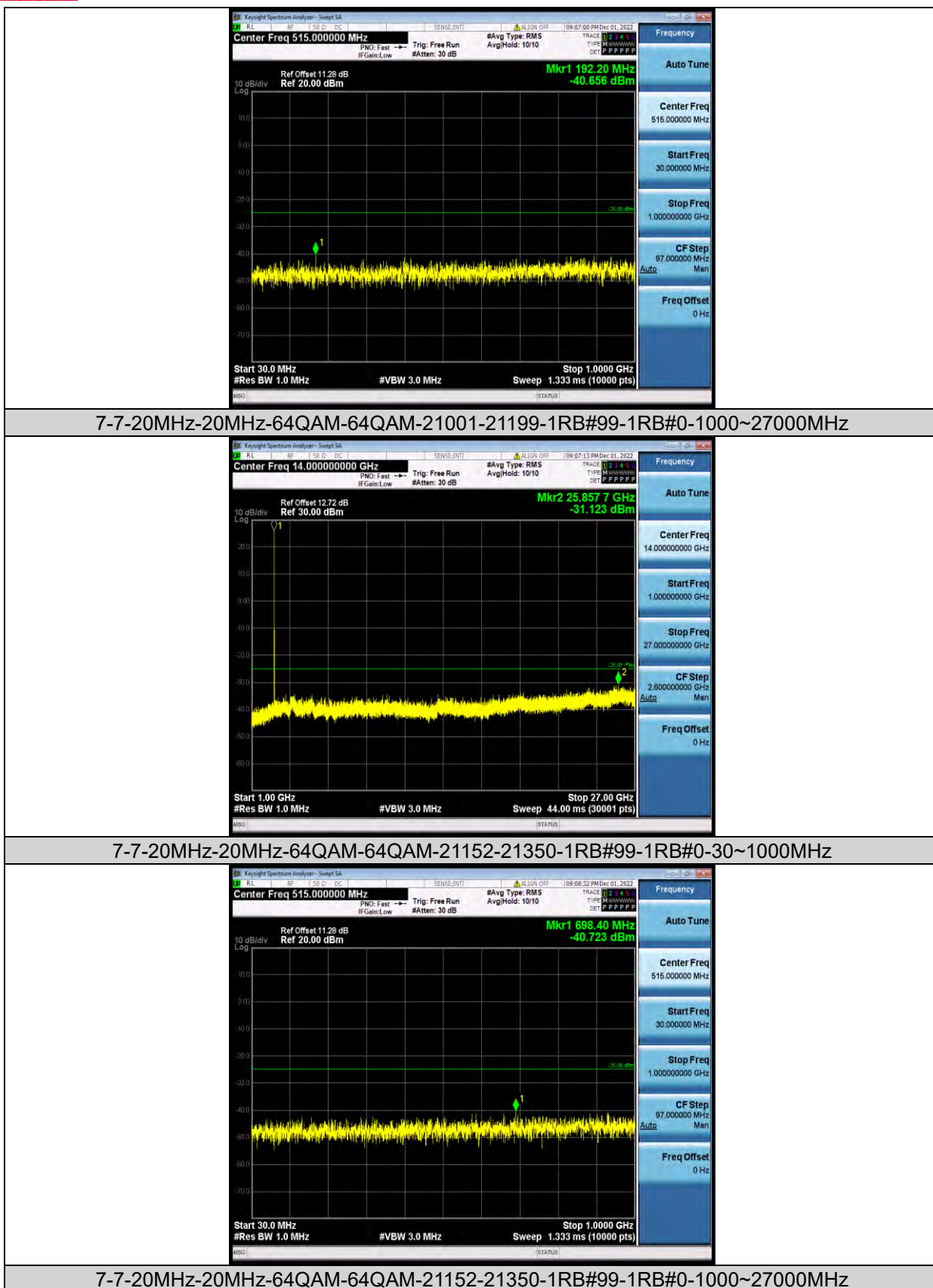






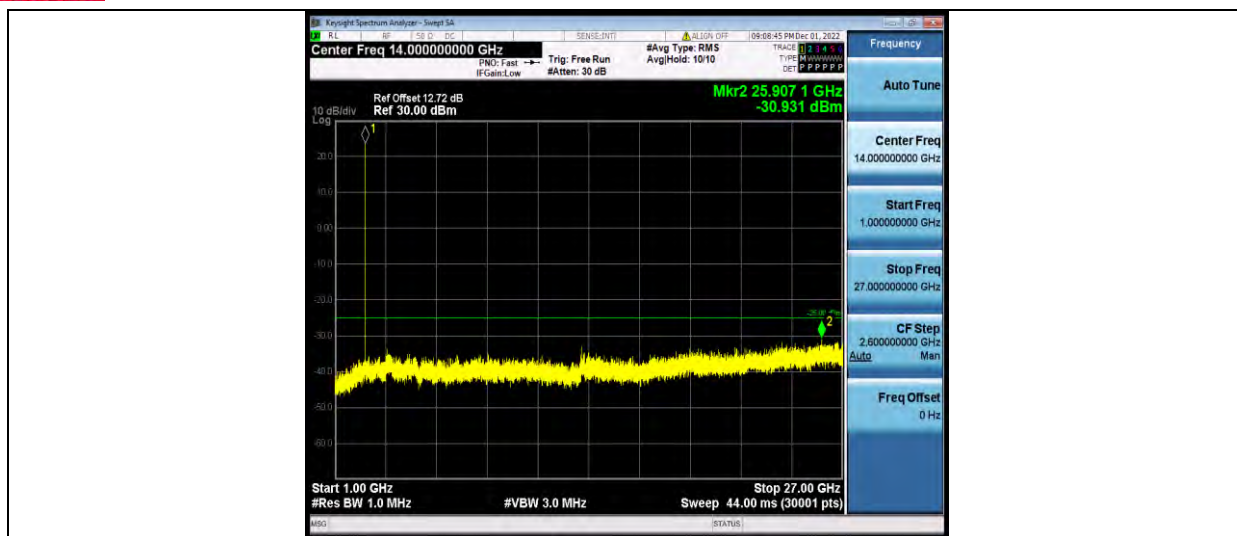








Test Report No.: W7L-P23030016RF08





Test Report No.: W7L-P23030016RF08

LTE BAND CA_41C (INCLUDING LTE BAND CA_38C)

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	22.963	24.29	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	22.996	24.30	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	22.944	24.29	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	22.989	24.30	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	22.994	24.30	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	22.983	24.29	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	22.990	24.29	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	22.997	24.29	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	23.006	24.30	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	27.587	29.15	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	27.560	29.16	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	27.532	29.18	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	27.617	29.16	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	27.527	29.12	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	27.555	29.14	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	27.603	29.17	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	27.519	29.11	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	27.549	29.14	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	23.051	24.39	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	23.040	24.37	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	23.082	24.37	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	23.045	24.34	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	23.062	24.35	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	23.071	24.34	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	23.066	24.38	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	23.050	24.37	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	23.063	24.37	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	28.205	29.82	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	28.209	29.83	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	28.210	29.81	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	28.224	29.83	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	28.204	29.82	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	28.239	29.82	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	28.236	29.83	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	28.214	29.80	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	28.304	29.71	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	32.464	34.25	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	32.460	34.26	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	32.401	34.24	PASS

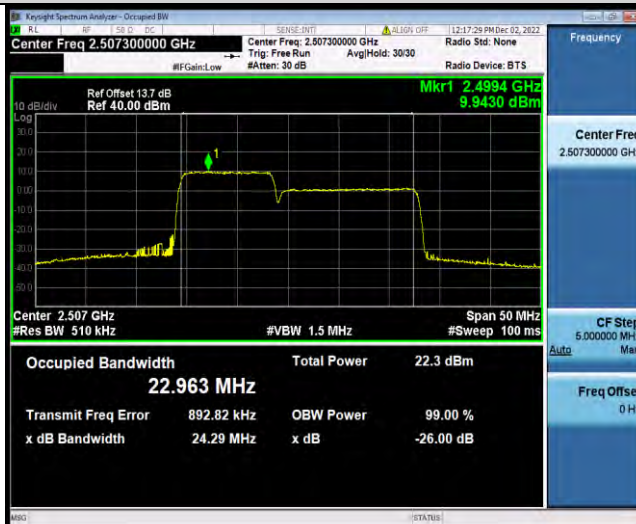


Test Report No.: W7L-P23030016RF08

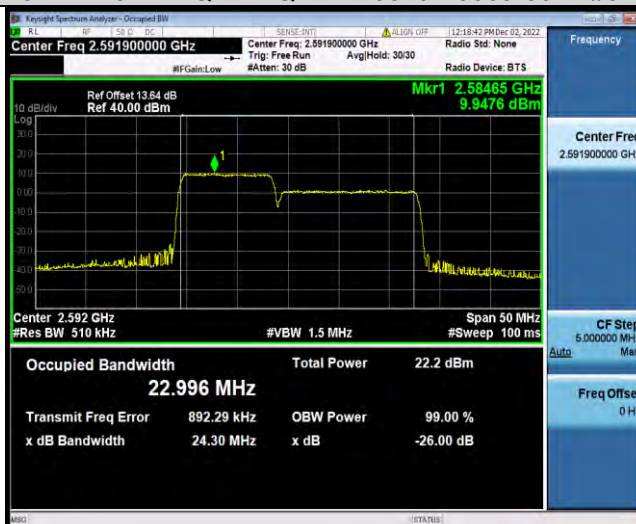
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	32.515	34.26	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	32.490	34.26	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	32.422	34.23	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	32.513	34.27	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	32.481	34.29	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	32.398	34.26	PASS
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	100RB#0-50RB#0	27.707	29.31	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	100RB#0-50RB#0	27.701	29.27	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	100RB#0-50RB#0	27.714	29.26	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	100RB#0-50RB#0	27.691	29.29	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	100RB#0-50RB#0	27.705	29.27	PASS
41-41	20MHz-10MHz	16QAM-16QAM	41391-41535	100RB#0-50RB#0	27.715	29.29	PASS
41-41	20MHz-10MHz	64QAM-64QAM	39750-39894	100RB#0-50RB#0	27.717	29.28	PASS
41-41	20MHz-10MHz	64QAM-64QAM	40571-40715	100RB#0-50RB#0	27.704	29.26	PASS
41-41	20MHz-10MHz	64QAM-64QAM	41391-41535	100RB#0-50RB#0	27.738	29.28	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	32.542	34.28	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	32.522	34.29	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	32.573	34.29	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	32.551	34.33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	32.539	34.33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	32.496	34.29	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	32.568	34.37	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	32.552	34.33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	32.489	34.24	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	37.440	39.55	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	37.423	39.49	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	37.441	39.52	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	37.421	39.50	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	37.735	39.42	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	37.344	39.48	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	37.424	39.49	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	37.243	39.70	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	37.355	39.49	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	22.866	24.12	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	22.857	24.13	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	22.664	24.07	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	22.869	24.13	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	22.822	24.09	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	22.908	24.14	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	22.834	24.14	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	22.824	24.12	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	22.887	24.13	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	22.656	23.93	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	22.644	23.91	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	22.587	23.89	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	22.680	23.91	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	22.610	23.91	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	22.565	23.89	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	22.681	23.93	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	22.626	23.89	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	22.568	23.88	PASS

Test Graphs

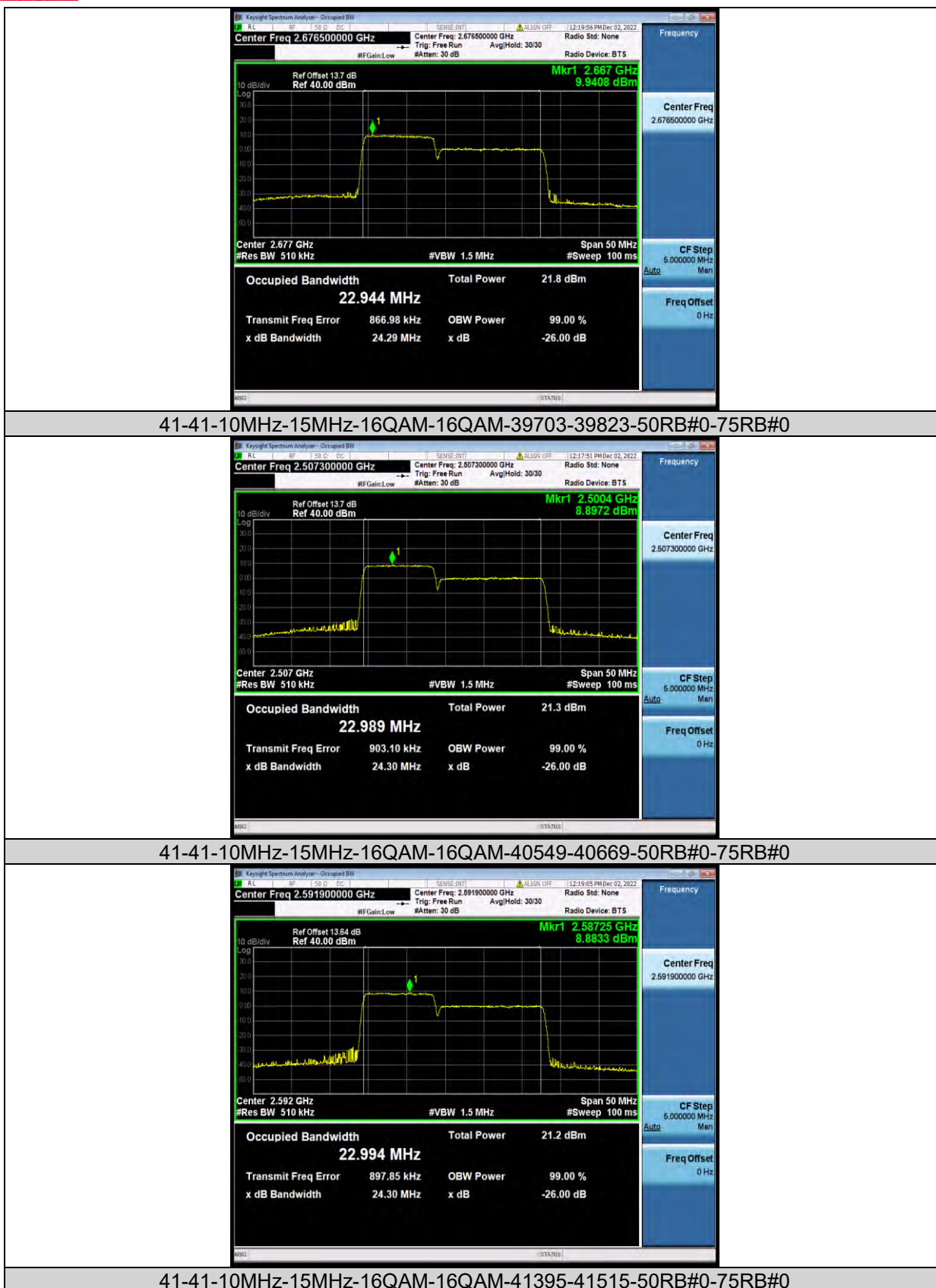
41-41-10MHz-15MHz-QPSK-QPSK-39703-39823-50RB#0-75RB#0



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



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



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

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

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

