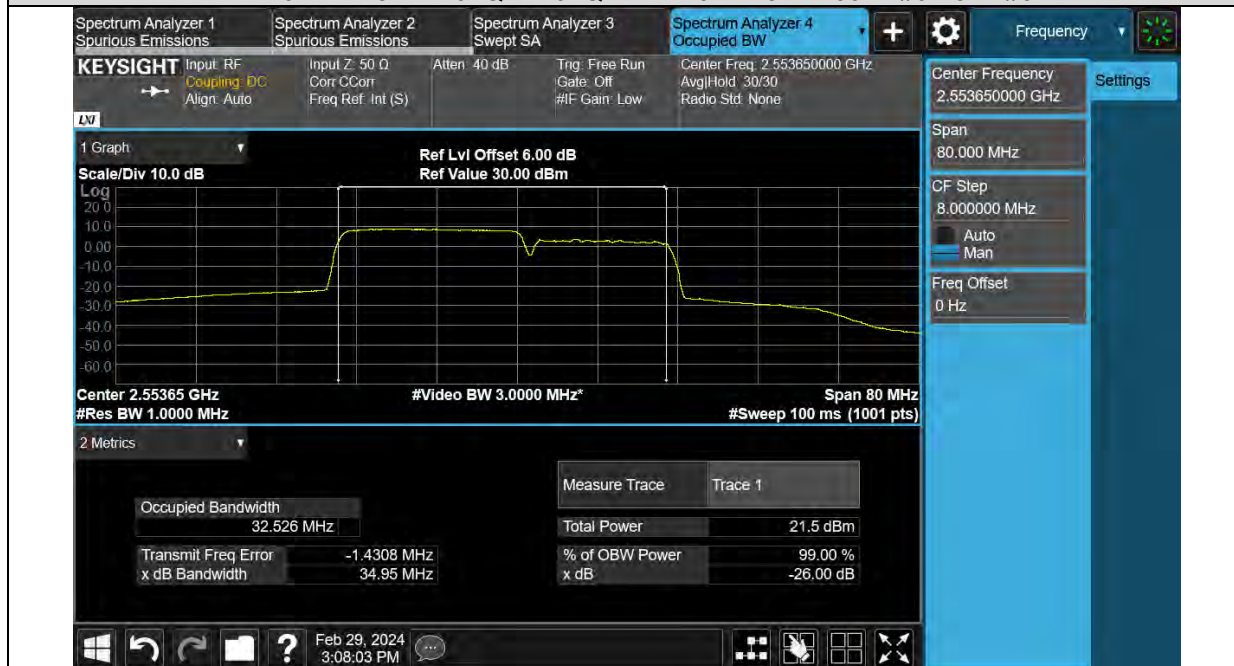




7-7-20MHz-15MHz-64QAM-64QAM-21201-21372-100RB#0-75RB#0



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

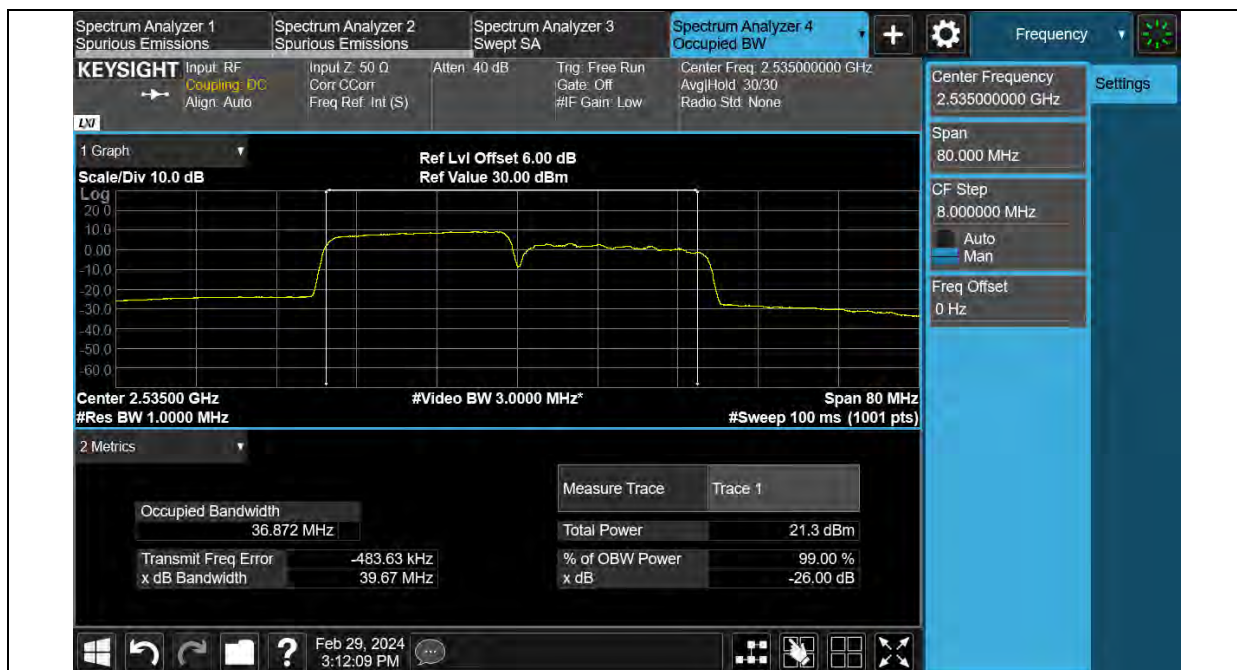




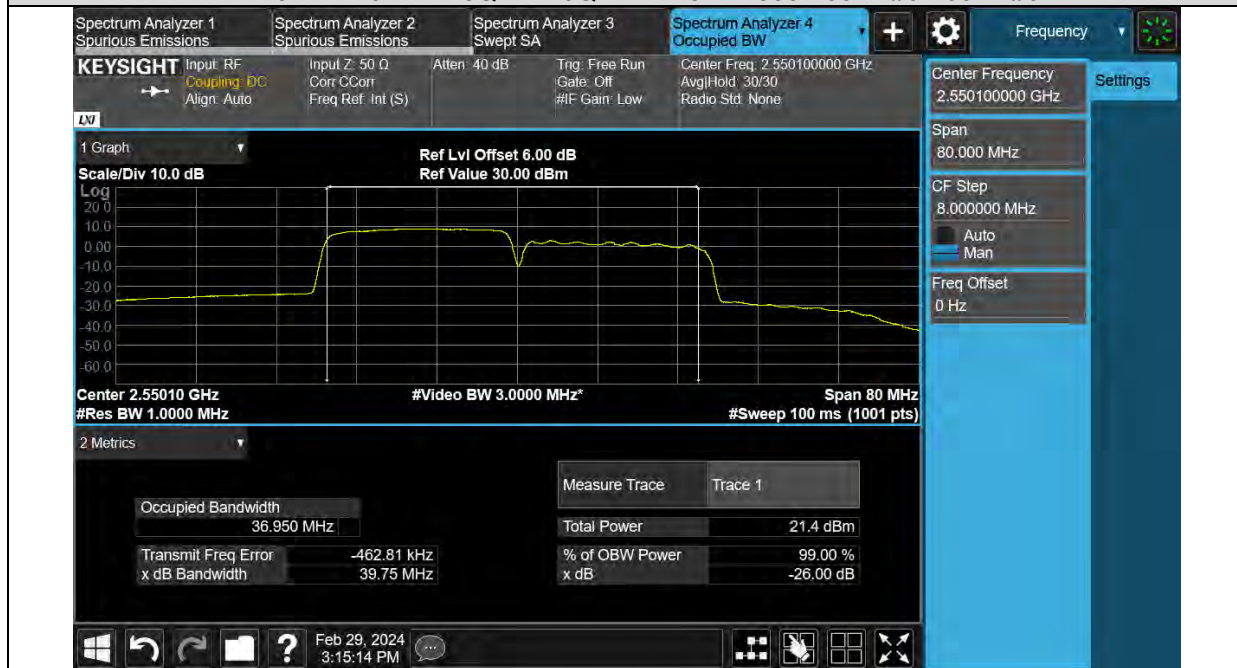
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-100RB#0-100RB#0



7-7-20MHz-20MHz-16QAM-16QAM-21001-21199-100RB#0-100RB#0



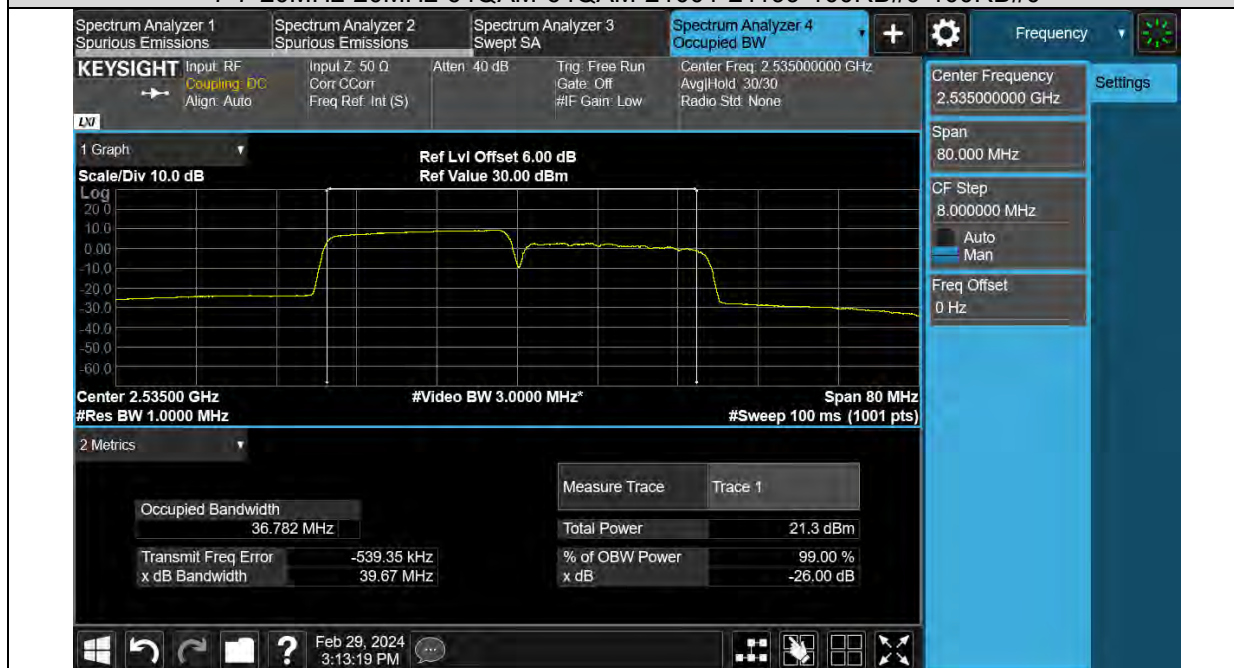
7-7-20MHz-20MHz-16QAM-16QAM-21152-21350-100RB#0-100RB#0



7-7-20MHz-20MHz-64QAM-64QAM-20850-21048-100RB#0-100RB#0



7-7-20MHz-20MHz-64QAM-64QAM-21001-21199-100RB#0-100RB#0



7-7-20MHz-20MHz-64QAM-64QAM-21152-21350-100RB#0-100RB#0



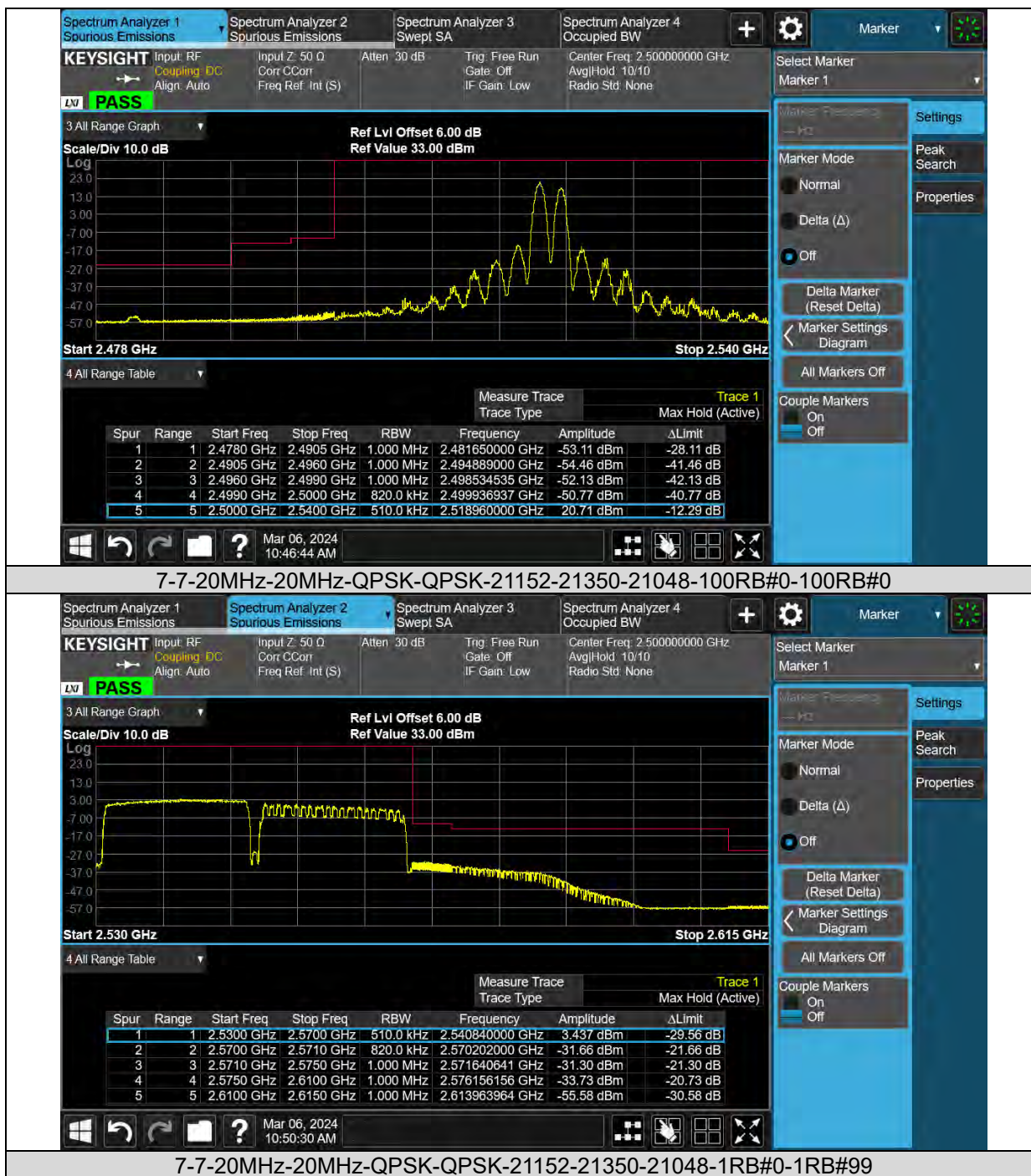
BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#0-1RB#99	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#0-1RB#99	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#0-1RB#99	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#99-1RB#0	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#0-1RB#99	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#99-1RB#0	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#0-1RB#99	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#99-1RB#0	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#0-1RB#99	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#99-1RB#0	See Graph	PASS

Test Graphs

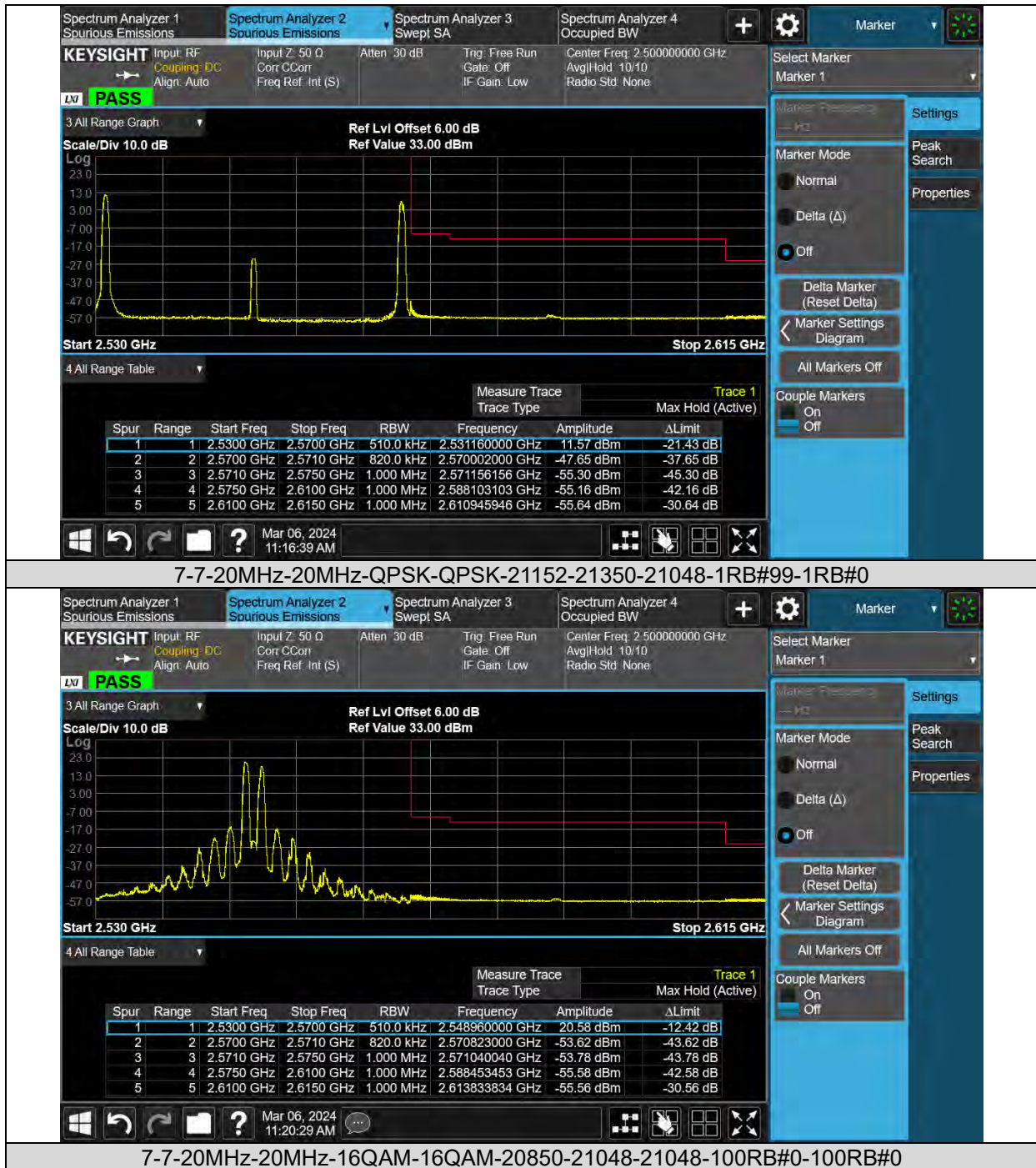






BUREAU
VERITAS

Test Report No.: PSU-QSU2312200110RF05



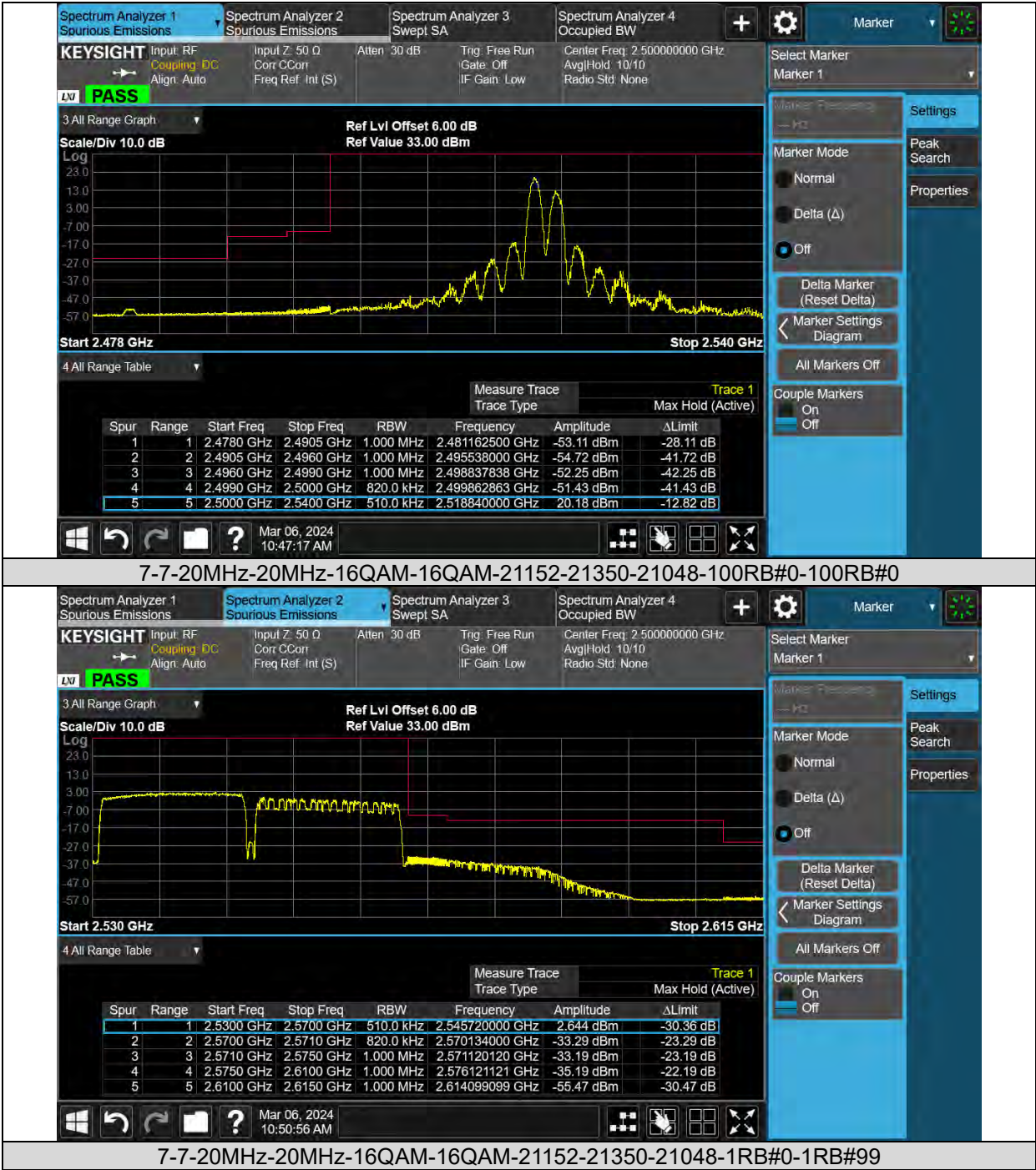


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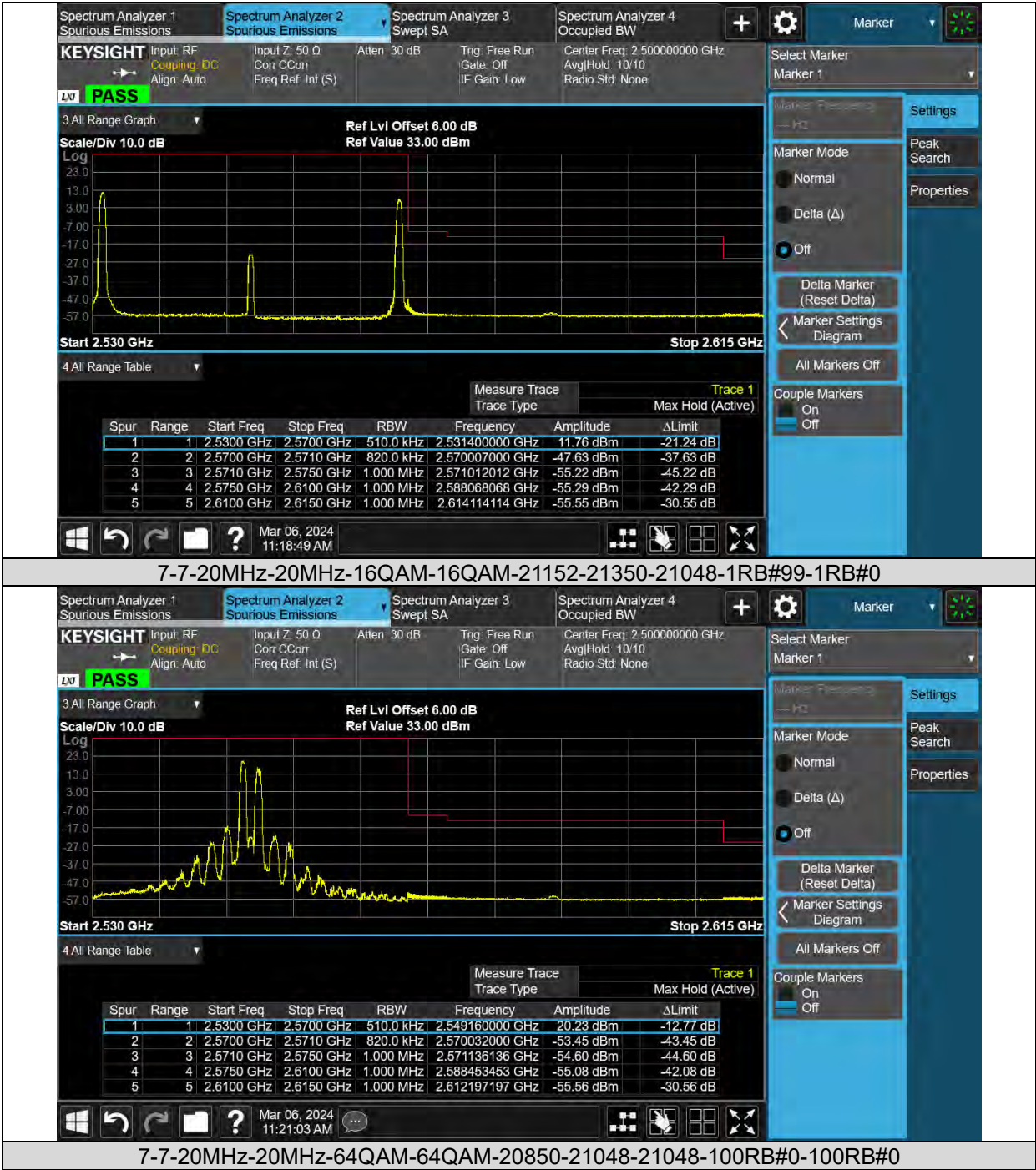


Test Report No.: PSU-QSU2312200110RF05





Test Report No.: PSU-QSU2312200110RF05





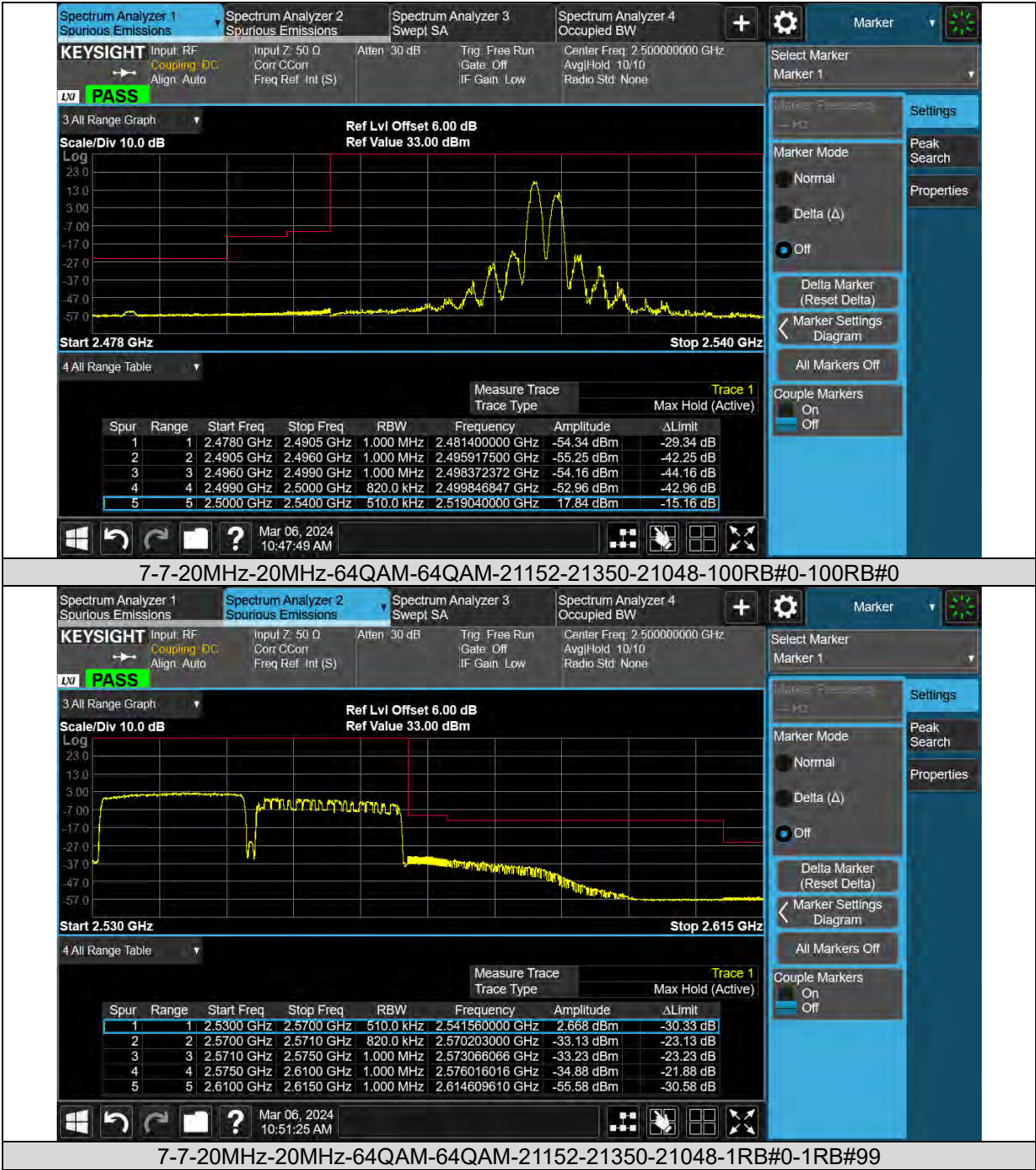
BUREAU
VERITAS

Test Report No.: PSU-QSU2312200110RF05





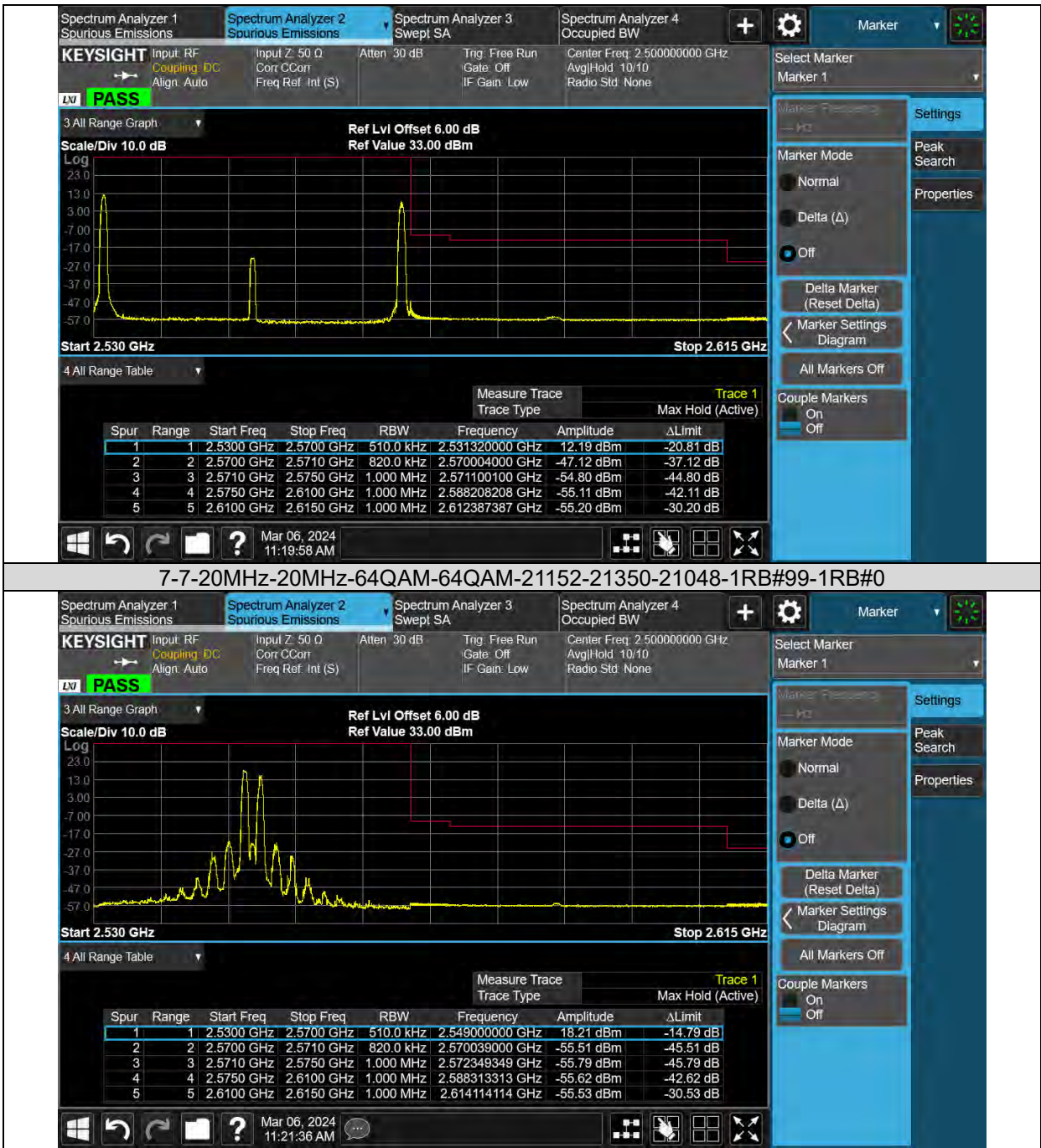
Test Report No.: PSU-QSU2312200110RF05





BUREAU
VERITAS

Test Report No.: PSU-QSU2312200110RF05

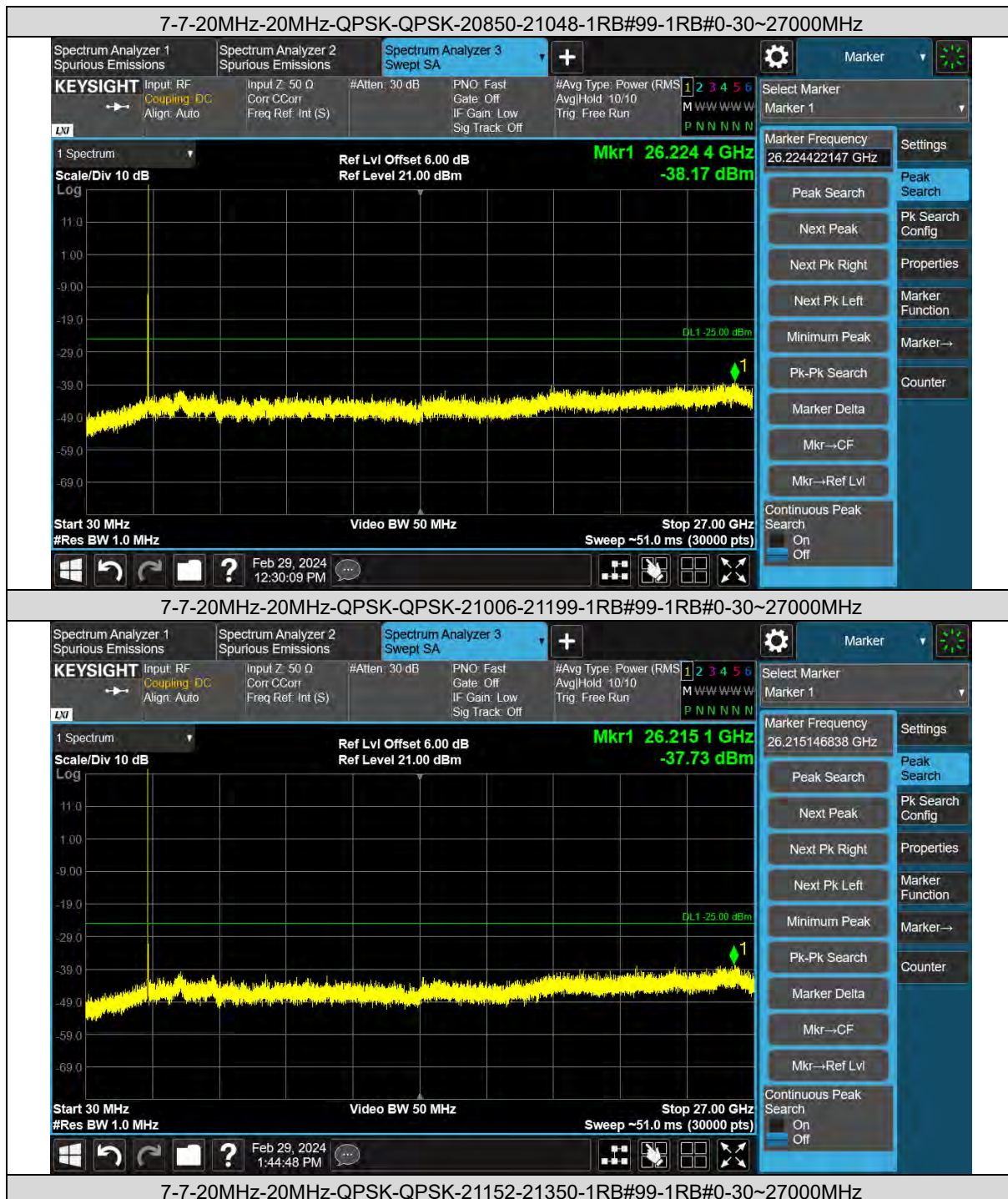


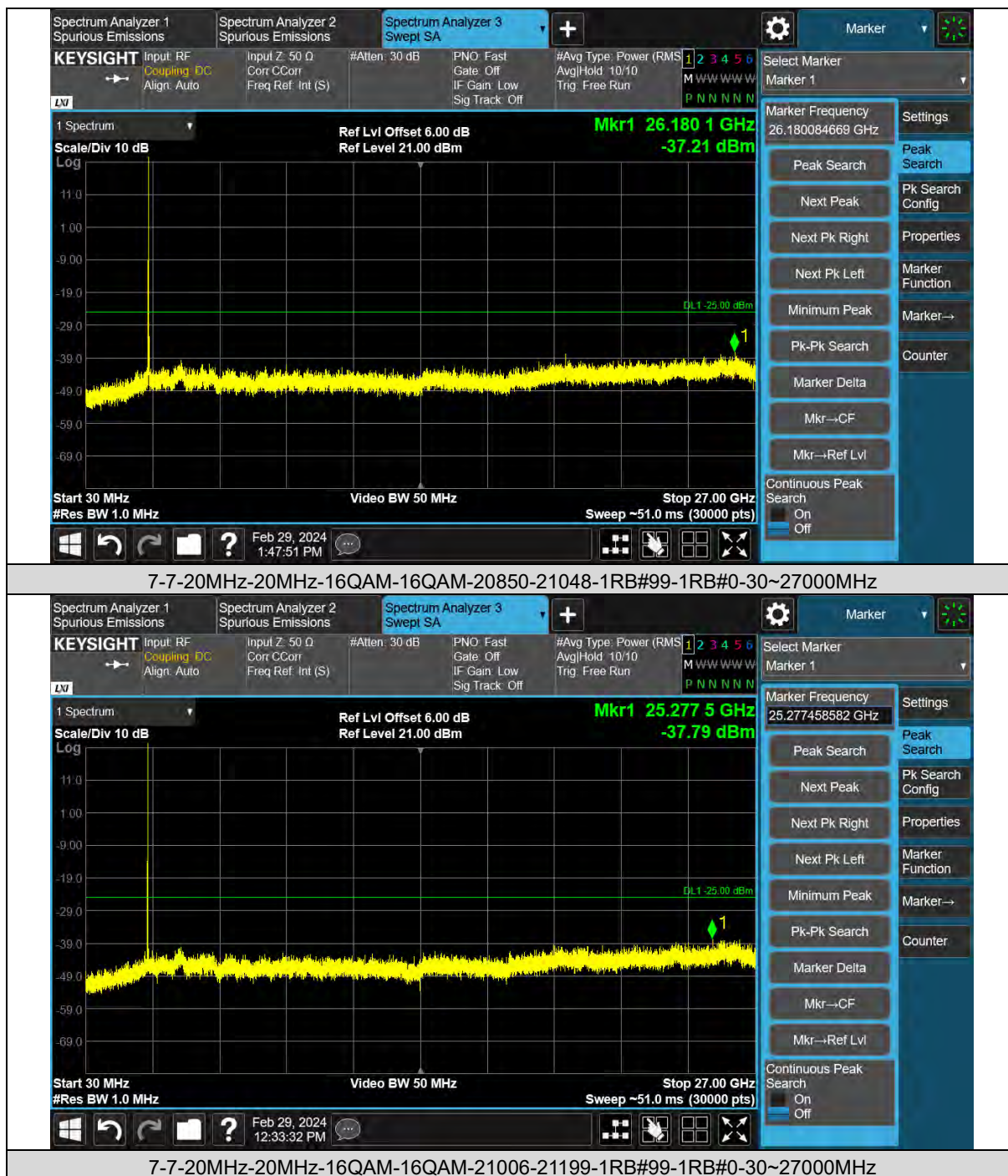
CONDUCTED SPURIOUS EMISSION

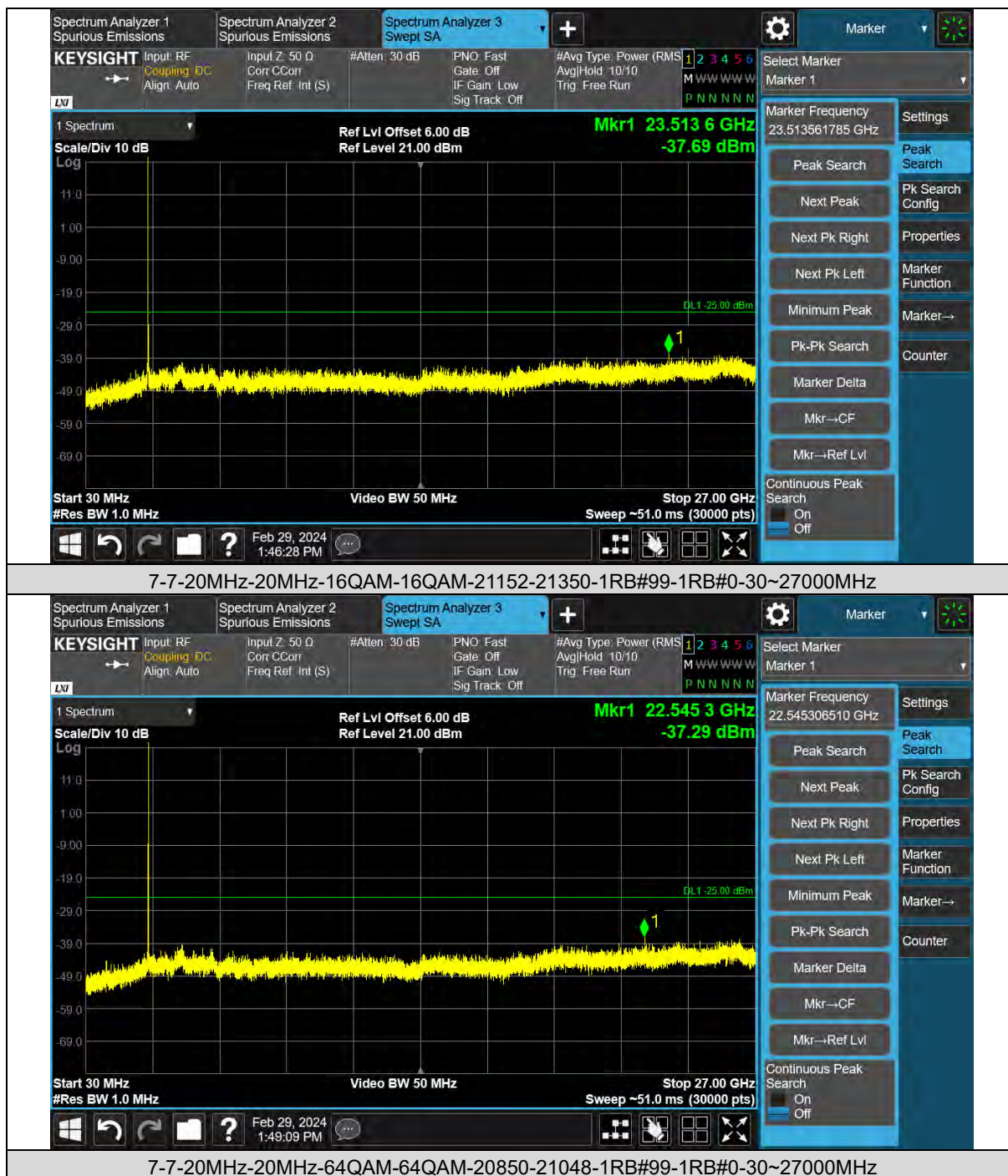
Test Result

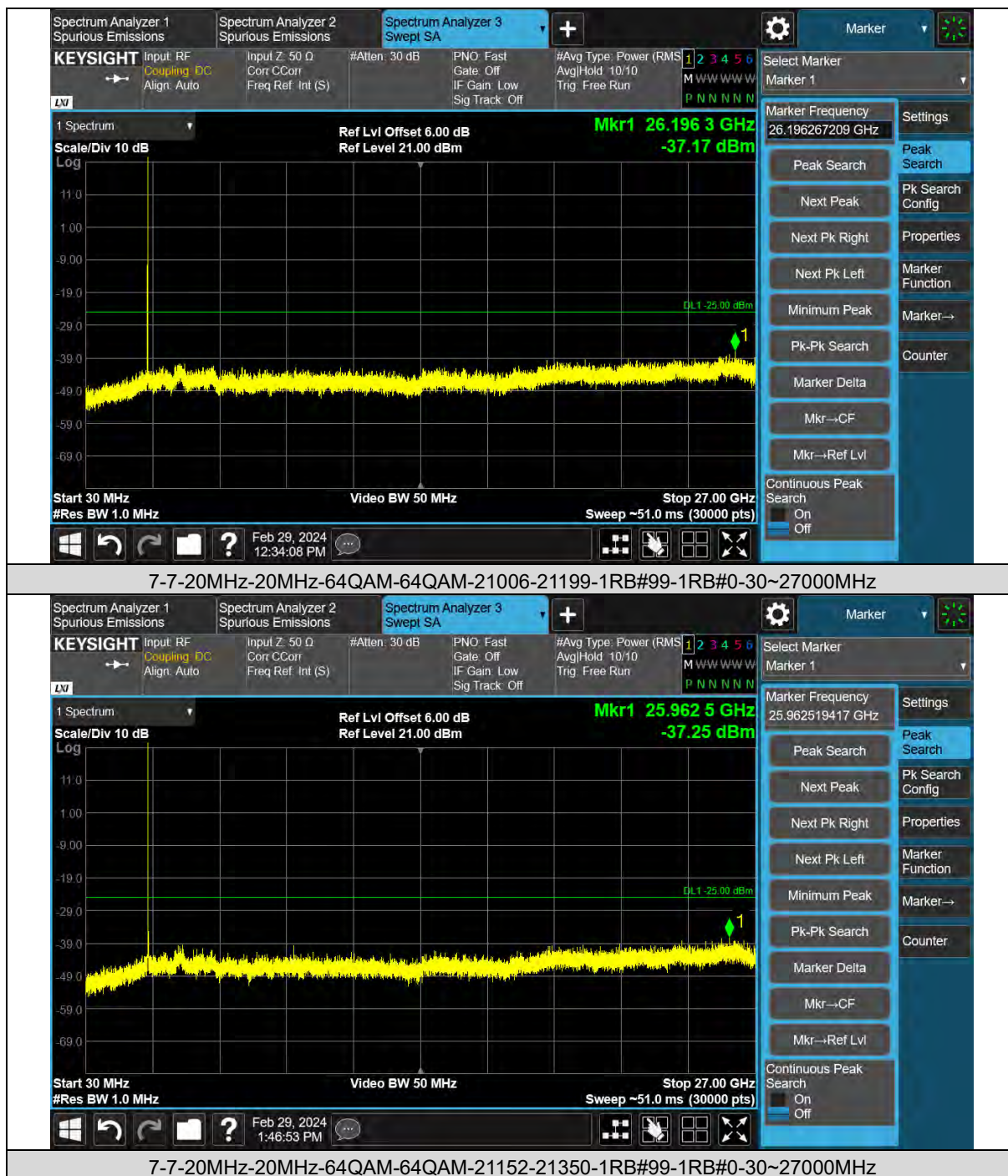
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	30~27000MHz	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#99-1RB#0	30~27000MHz	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	30~27000MHz	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#99-1RB#0	30~27000MHz	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	1RB#99-1RB#0	30~27000MHz	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#99-1RB#0	30~27000MHz	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#99-1RB#0	30~27000MHz	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	1RB#99-1RB#0	30~27000MHz	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#99-1RB#0	30~27000MHz	See Graph	PASS

Test Graphs











LTE BAND CA_41C

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

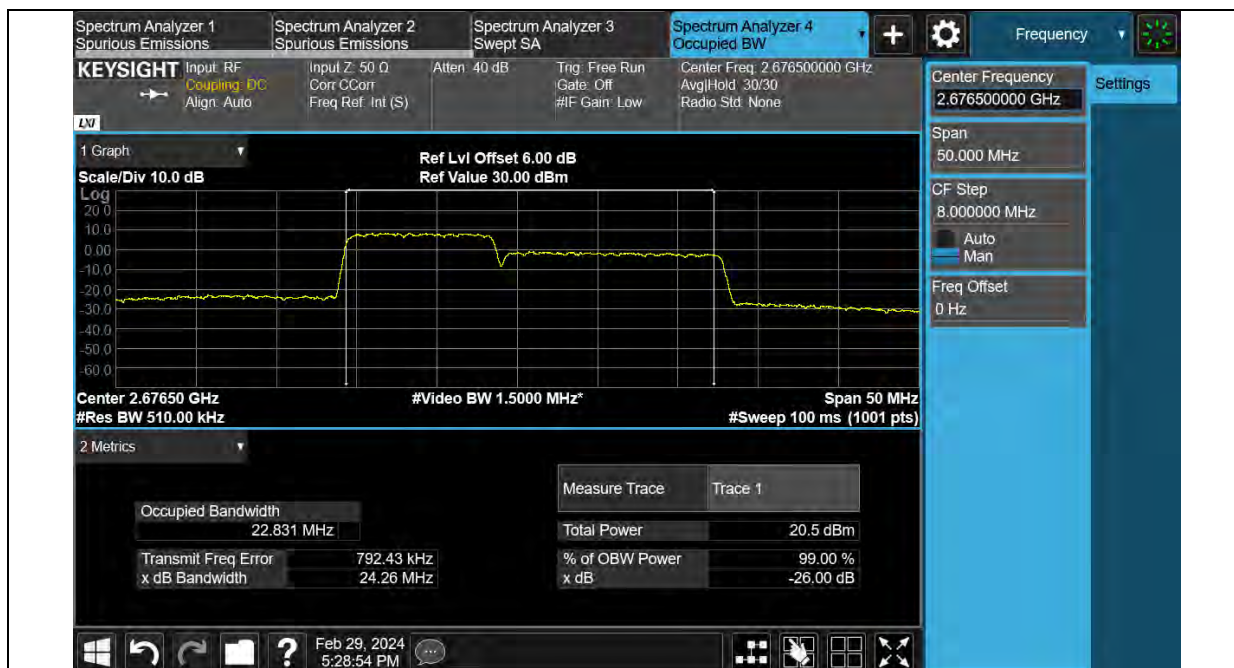
Test Result

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	22.832	24.22	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	22.839	24.22	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	22.831	24.26	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	22.837	24.41	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	22.773	24.26	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	22.827	24.29	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	22.736	25.23	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	22.807	24.25	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	22.817	24.24	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	27.745	29.27	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	27.756	29.19	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	27.755	29.21	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	27.758	29.25	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	27.729	29.19	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	27.755	29.25	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	27.747	29.22	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	27.687	29.20	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	27.715	29.23	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	23.260	35.43	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	23.164	24.43	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	23.178	24.46	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	23.276	35.15	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	23.148	24.42	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	23.175	24.43	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	23.292	37.14	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	23.159	24.41	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	23.162	24.45	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	28.379	29.94	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	28.304	29.86	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	28.386	29.91	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	28.337	29.91	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	28.284	29.86	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	28.339	29.90	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	28.307	29.89	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	28.302	29.87	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	28.323	29.90	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	32.579	34.36	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	32.537	34.29	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	32.559	34.31	PASS

41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	32.570	34.37	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	32.506	34.28	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	32.519	34.27	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	32.582	34.35	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	32.514	34.28	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	32.547	34.31	PASS
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	100RB#0-50RB#0	27.824	29.42	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	100RB#0-50RB#0	27.773	29.33	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	100RB#0-50RB#0	27.838	29.39	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	100RB#0-50RB#0	27.813	29.40	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	100RB#0-50RB#0	27.771	29.33	PASS
41-41	20MHz-10MHz	16QAM-16QAM	41391-41535	100RB#0-50RB#0	27.823	29.37	PASS
41-41	20MHz-10MHz	64QAM-64QAM	39750-39894	100RB#0-50RB#0	27.837	29.40	PASS
41-41	20MHz-10MHz	64QAM-64QAM	40571-40715	100RB#0-50RB#0	27.777	29.33	PASS
41-41	20MHz-10MHz	64QAM-64QAM	41391-41535	100RB#0-50RB#0	27.816	29.35	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	32.629	34.44	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	32.590	34.35	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	32.595	34.42	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	32.623	34.46	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	32.538	34.35	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	32.600	34.38	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	32.619	34.41	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	32.600	34.36	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	32.608	34.37	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	37.447	39.63	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	37.319	39.47	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	37.357	39.56	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	37.385	39.59	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	37.298	39.45	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	37.321	39.49	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	37.394	39.64	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	37.316	39.47	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	37.389	39.50	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	22.997	24.16	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	22.945	24.12	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	22.955	24.15	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	22.977	24.13	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	22.958	24.10	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	22.963	24.09	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	22.977	24.10	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	22.912	24.06	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	22.962	24.12	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	22.846	23.99	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	22.832	23.99	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	22.863	23.98	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	22.838	24.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	22.829	23.97	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	22.861	23.99	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	22.896	24.02	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	22.884	23.99	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	22.889	24.00	PASS

Test Graphs





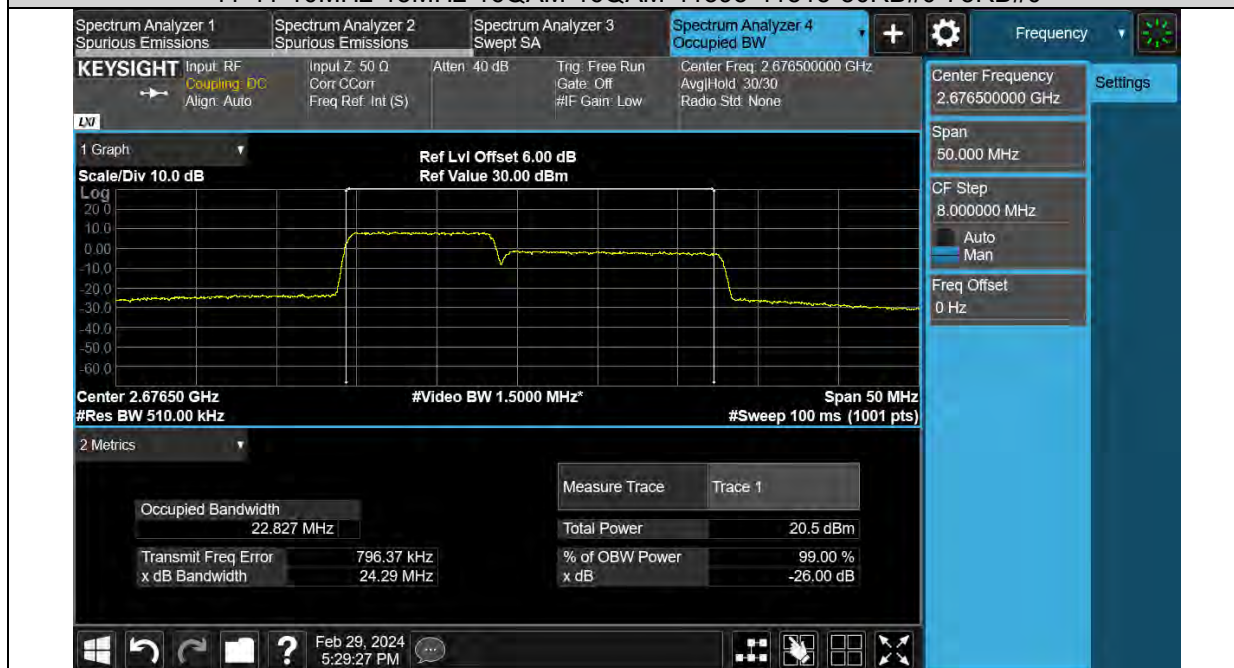
41-41-10MHz-15MHz-16QAM-16QAM-39703-39823-50RB#0-75RB#0



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



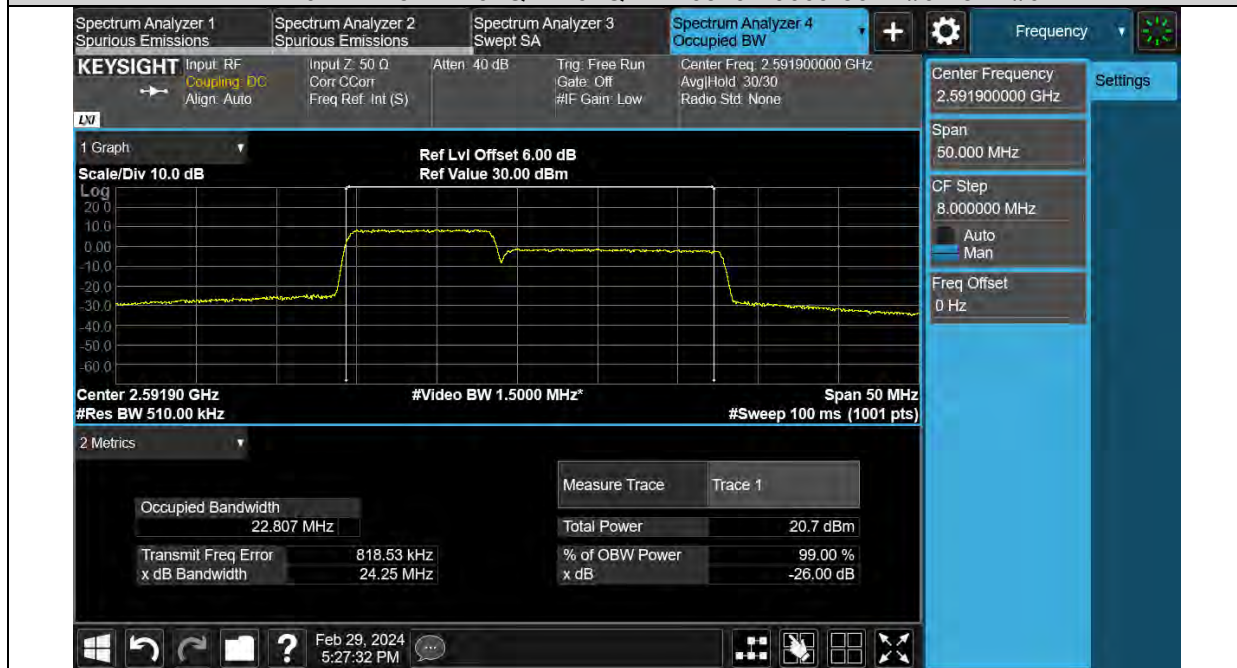
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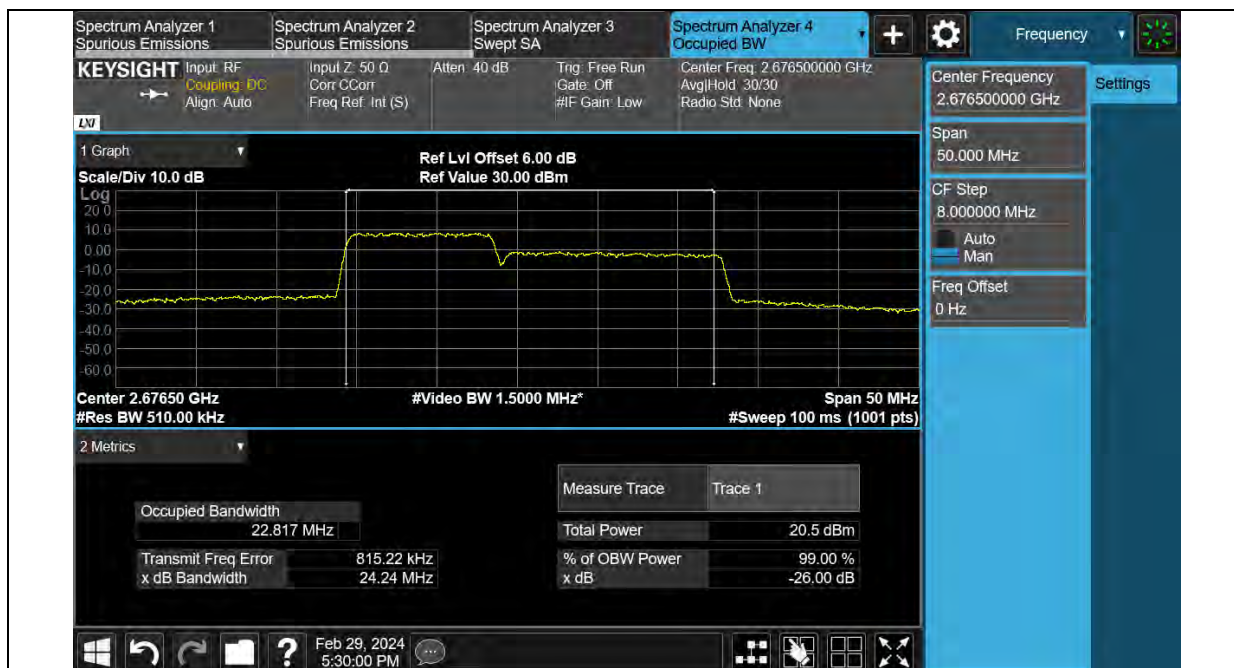
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41-41-10MHz-15MHz-64QAM-64QAM-40549-40669-50RB#0-75RB#0



41-41-10MHz-15MHz-64QAM-64QAM-41395-41515-50RB#0-75RB#0



41-41-10MHz-20MHz-QPSK-QPSK-39705-39849-50RB#0-100RB#0



41-41-10MHz-20MHz-QPSK-QPSK-40526-40670-50RB#0-100RB#0

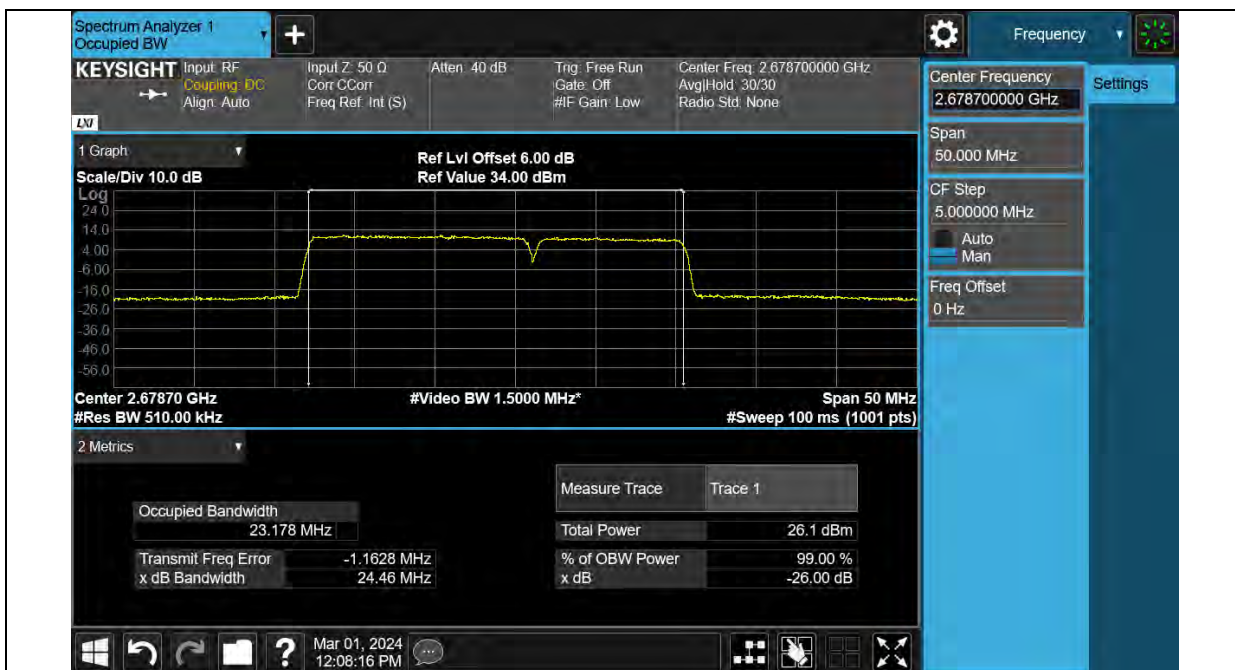




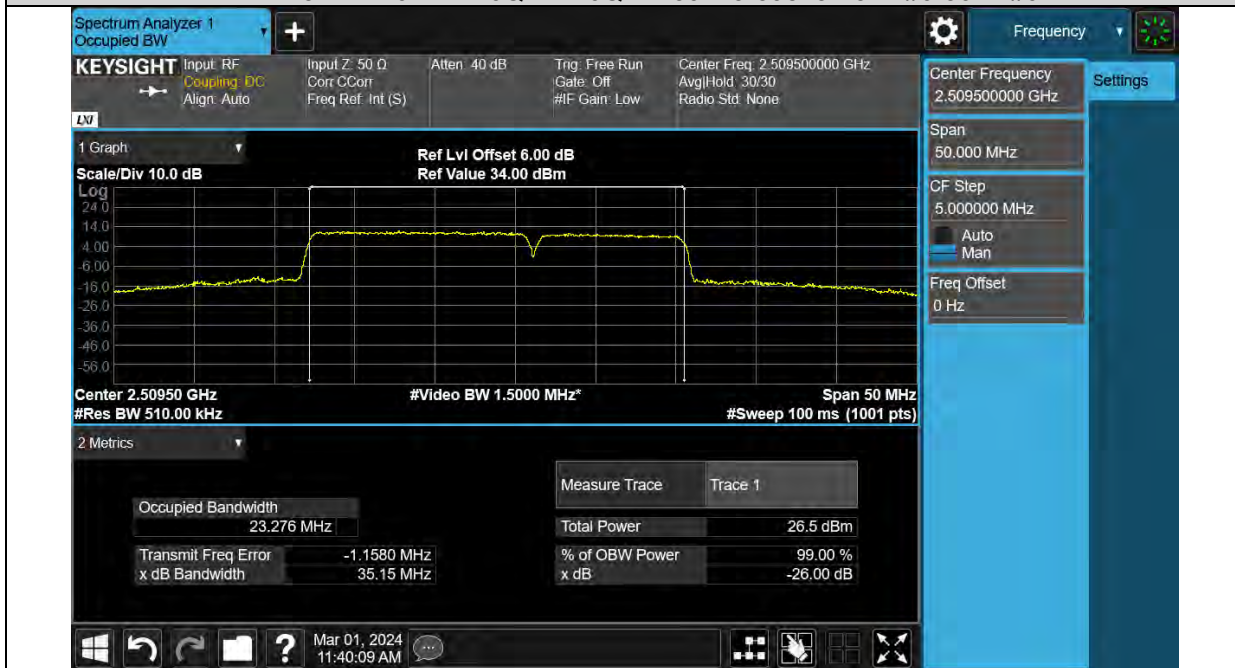








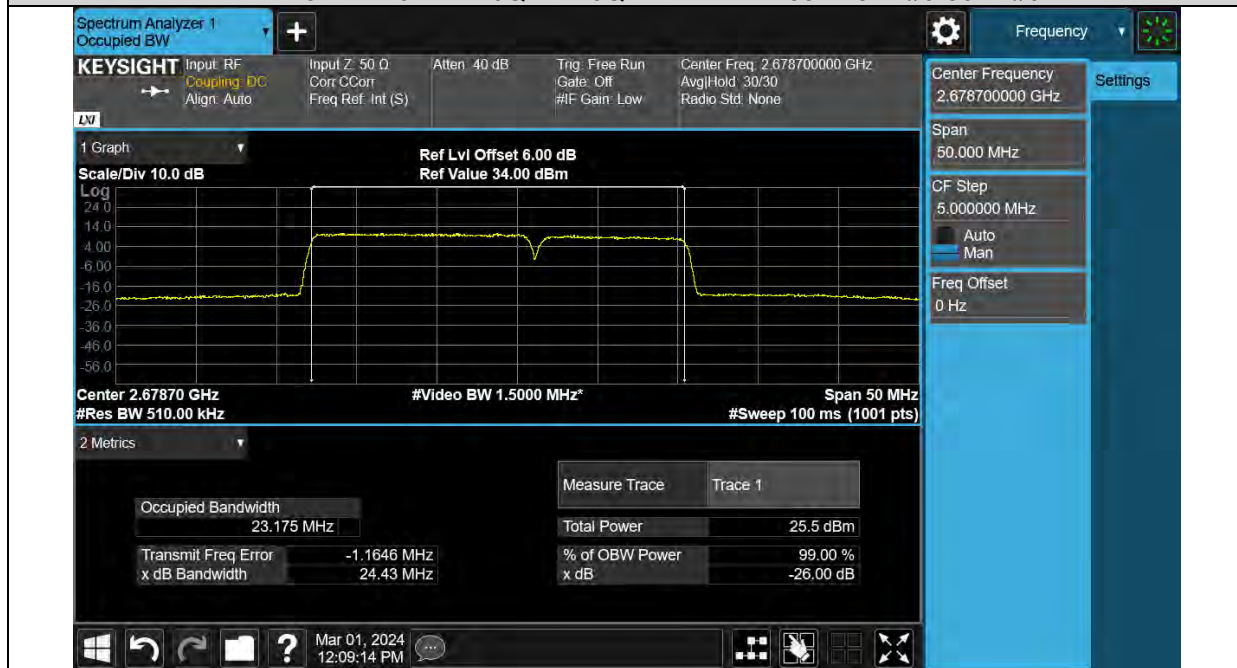
41-41-15MHz-10MHz-16QAM-16QAM-39725-39845-75RB#0-50RB#0



41-41-15MHz-10MHz-16QAM-16QAM-40571-40691-75RB#0-50RB#0



41-41-15MHz-10MHz-16QAM-16QAM-41417-41537-75RB#0-50RB#0

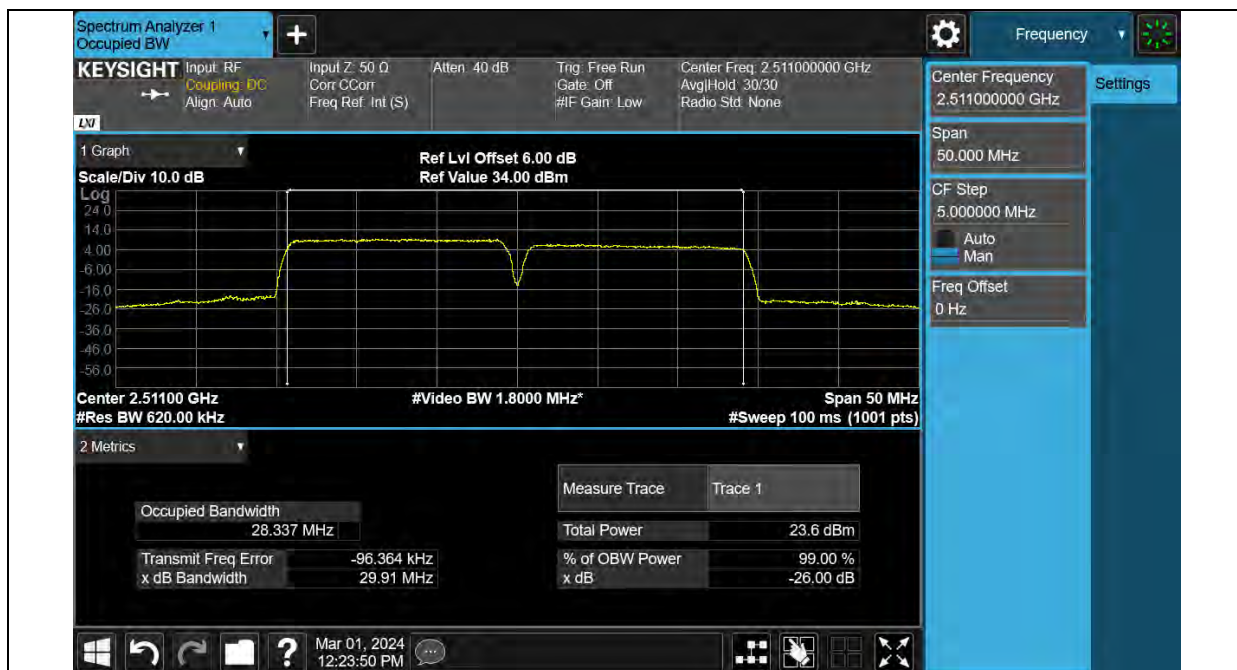


41-41-15MHz-10MHz-64QAM-64QAM-39725-39845-75RB#0-50RB#0

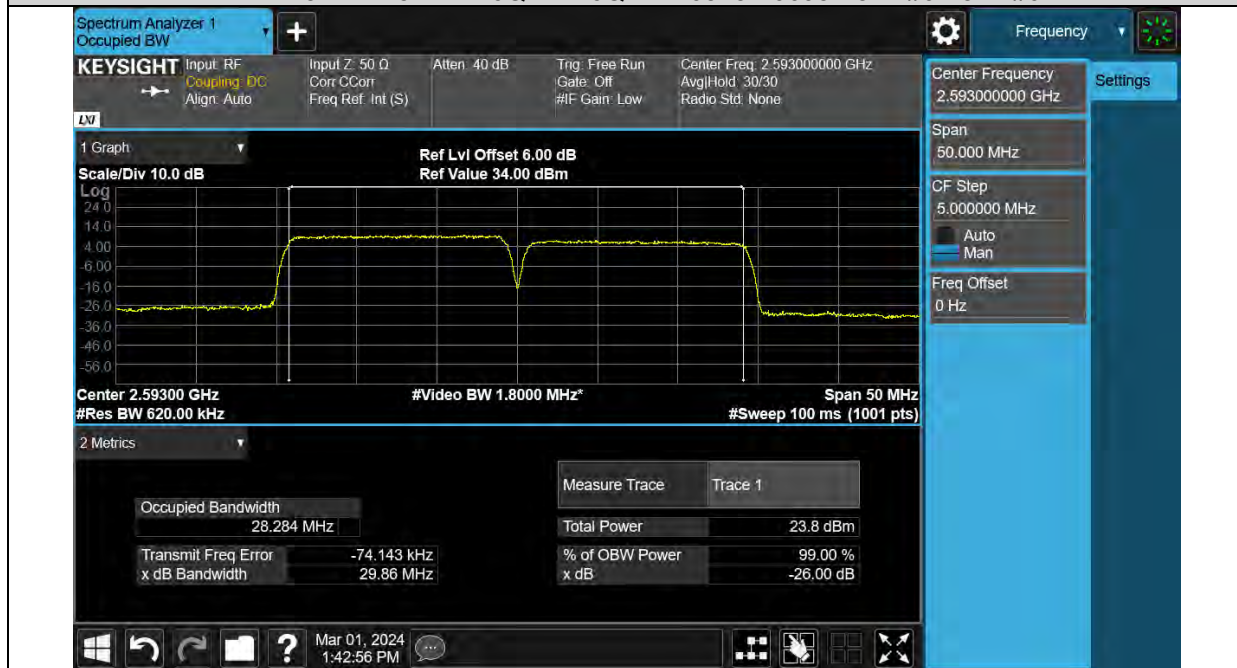




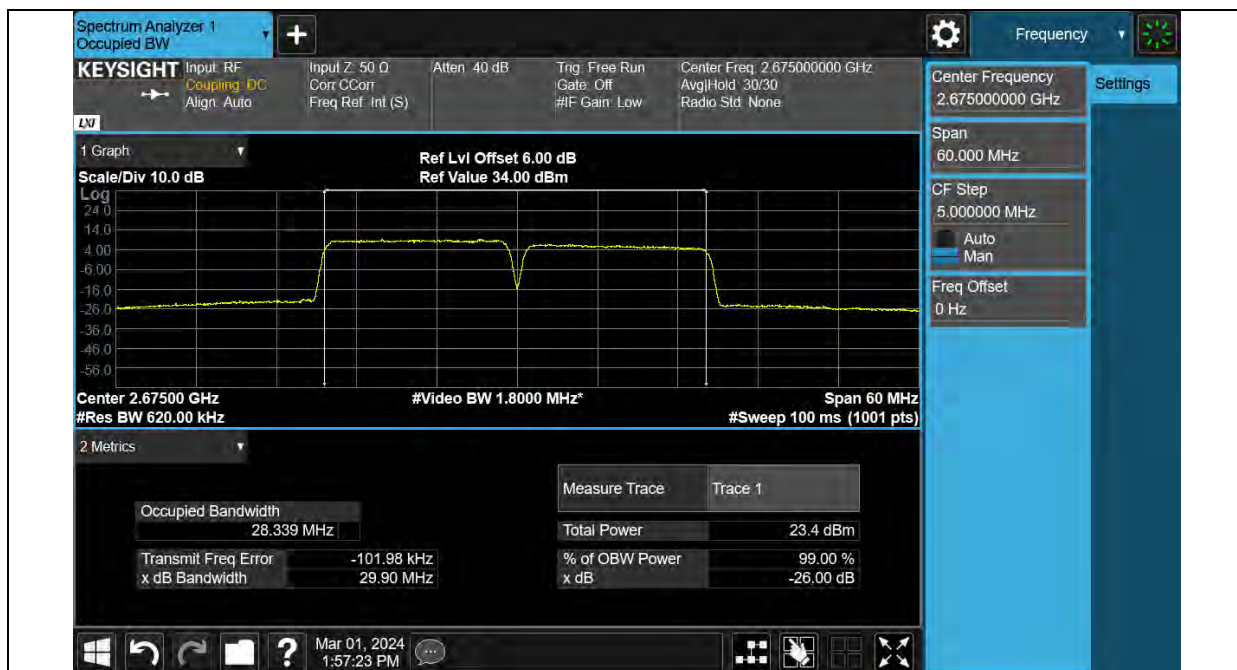




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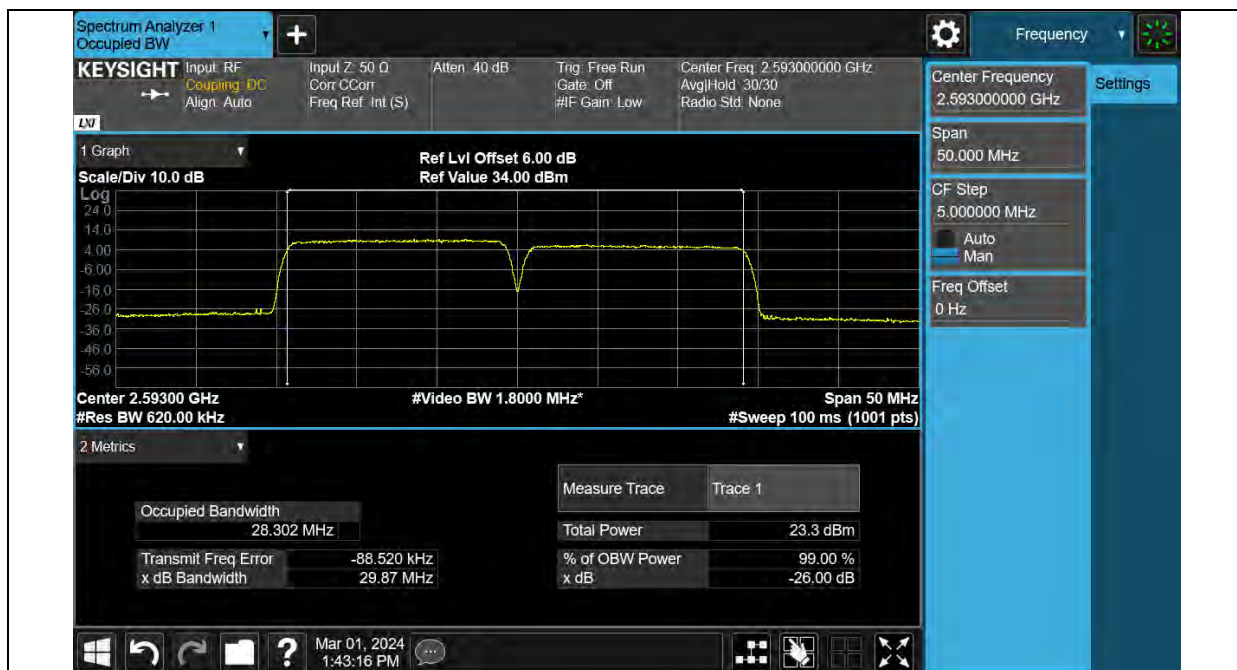
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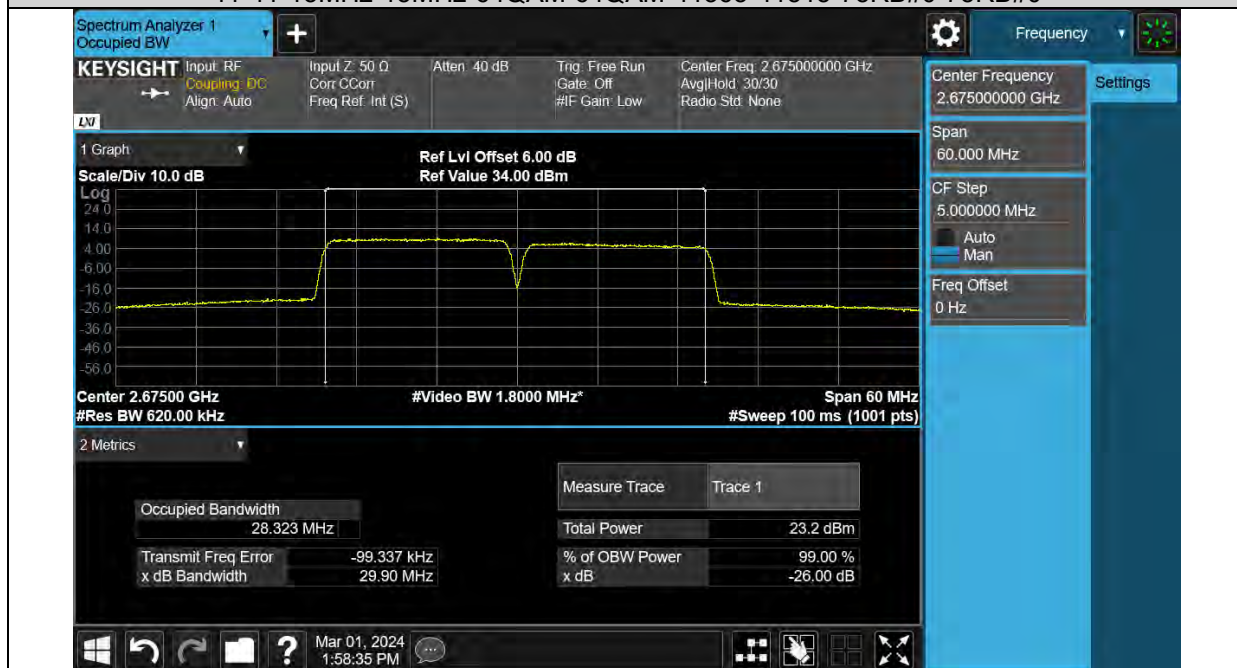
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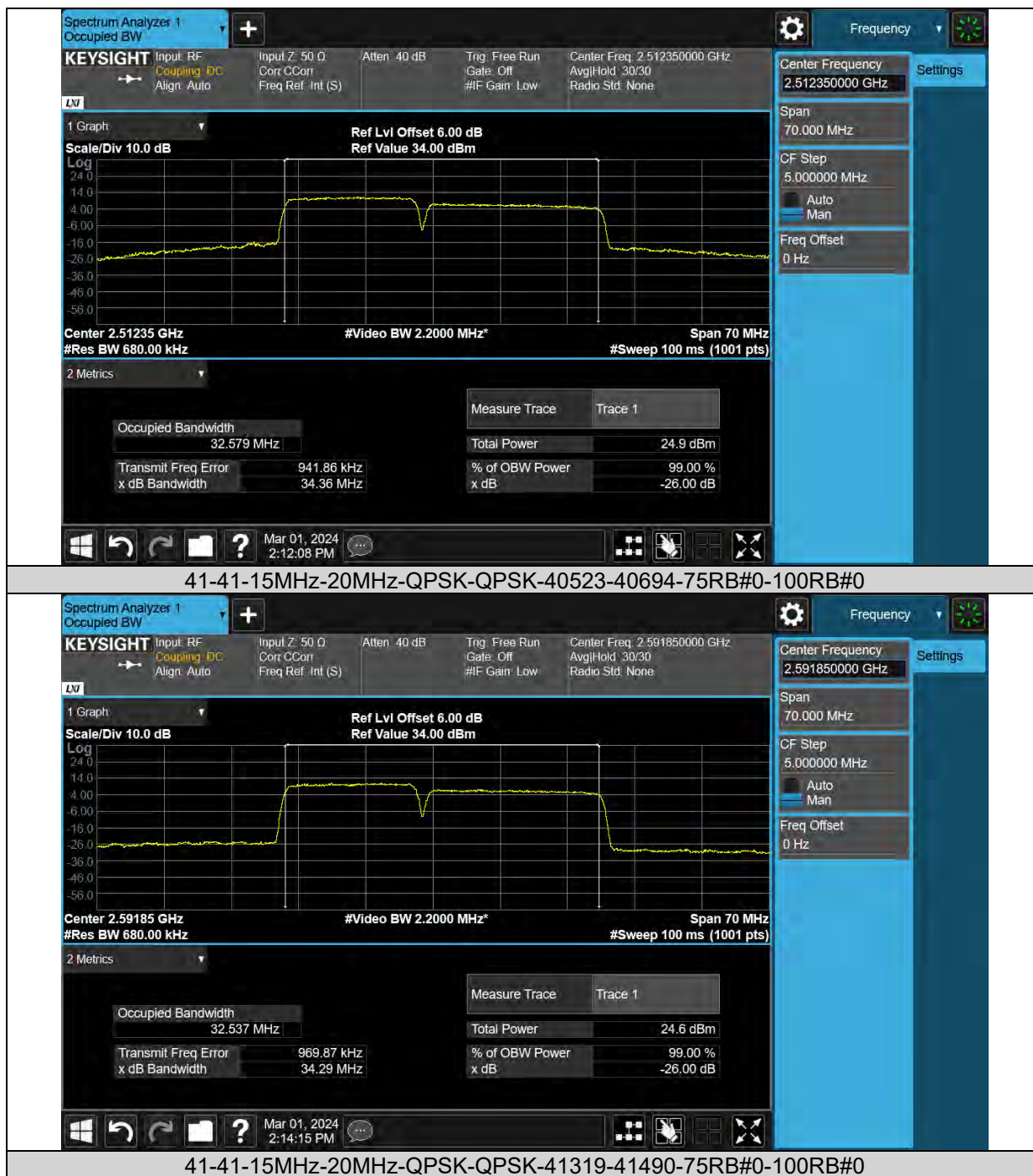
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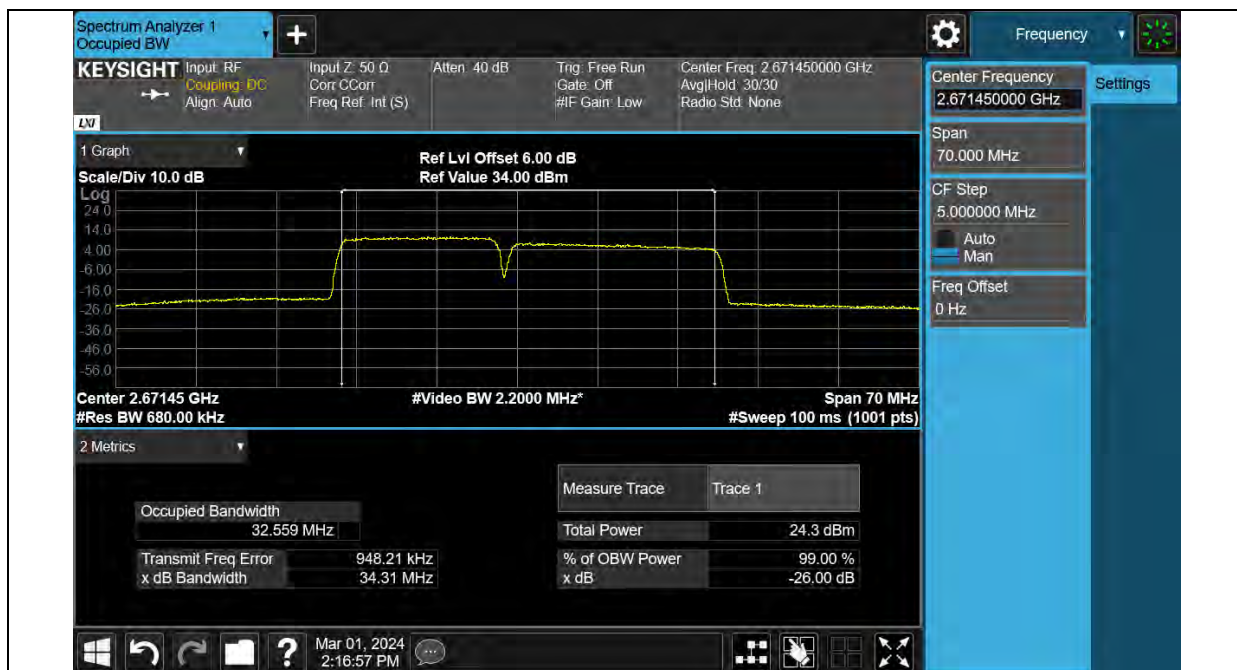


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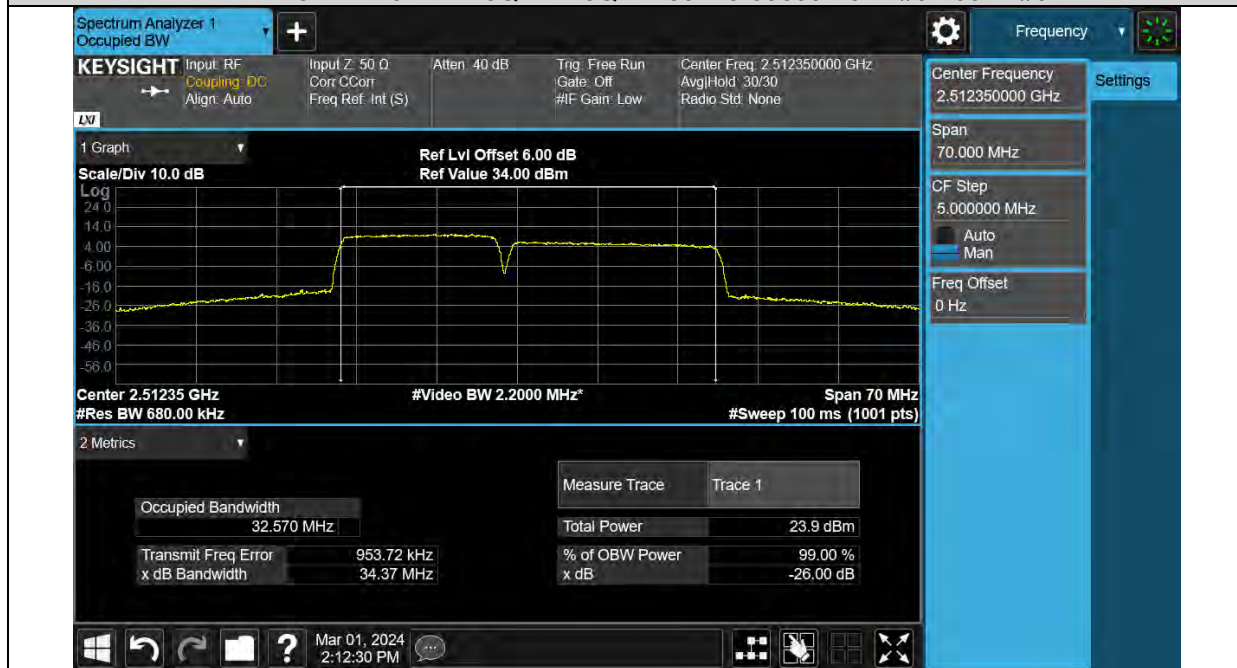


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41-41-15MHz-20MHz-16QAM-16QAM-39728-39899-75RB#0-100RB#0

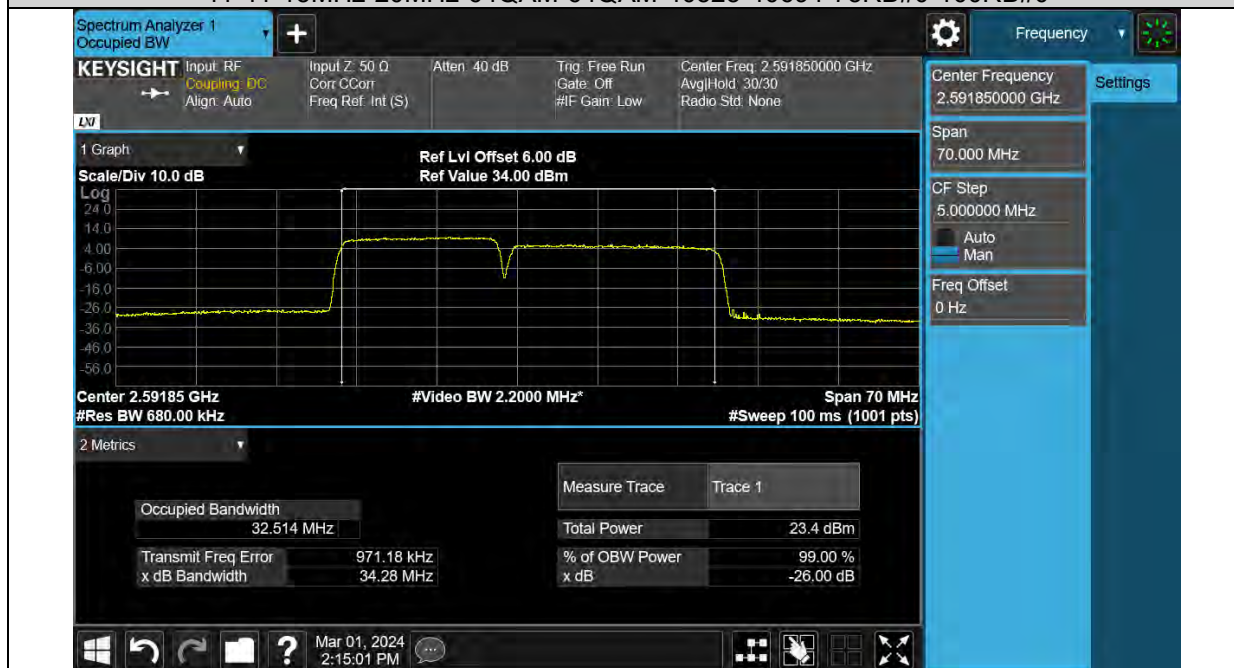


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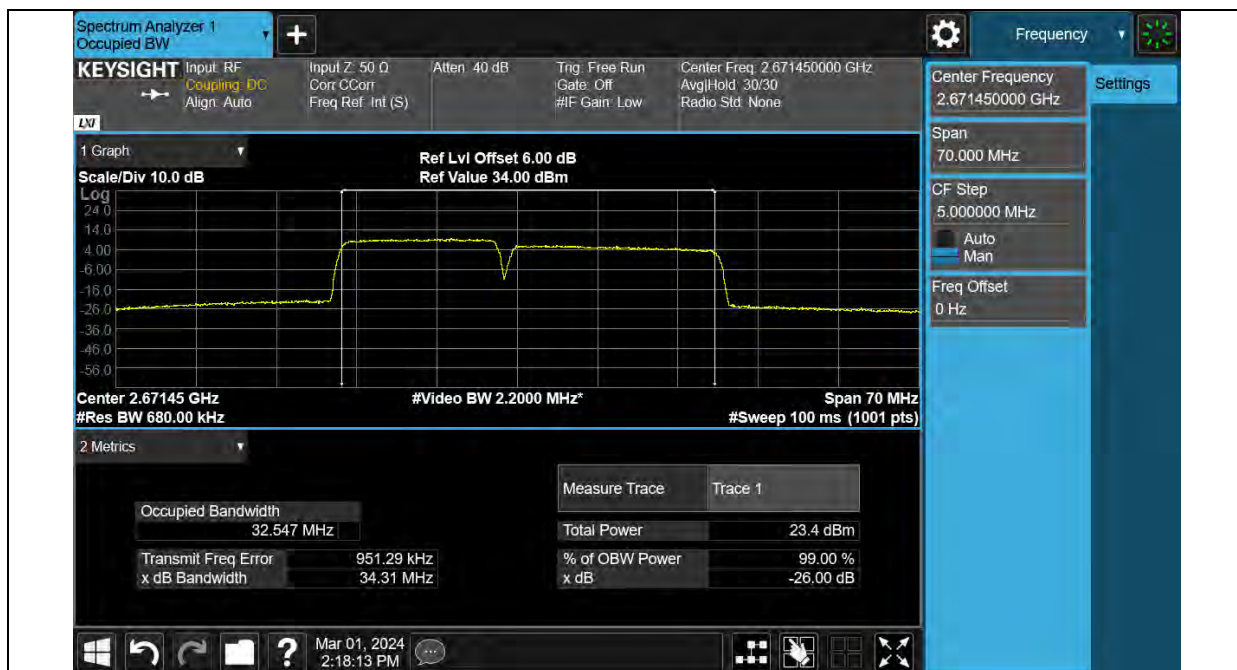




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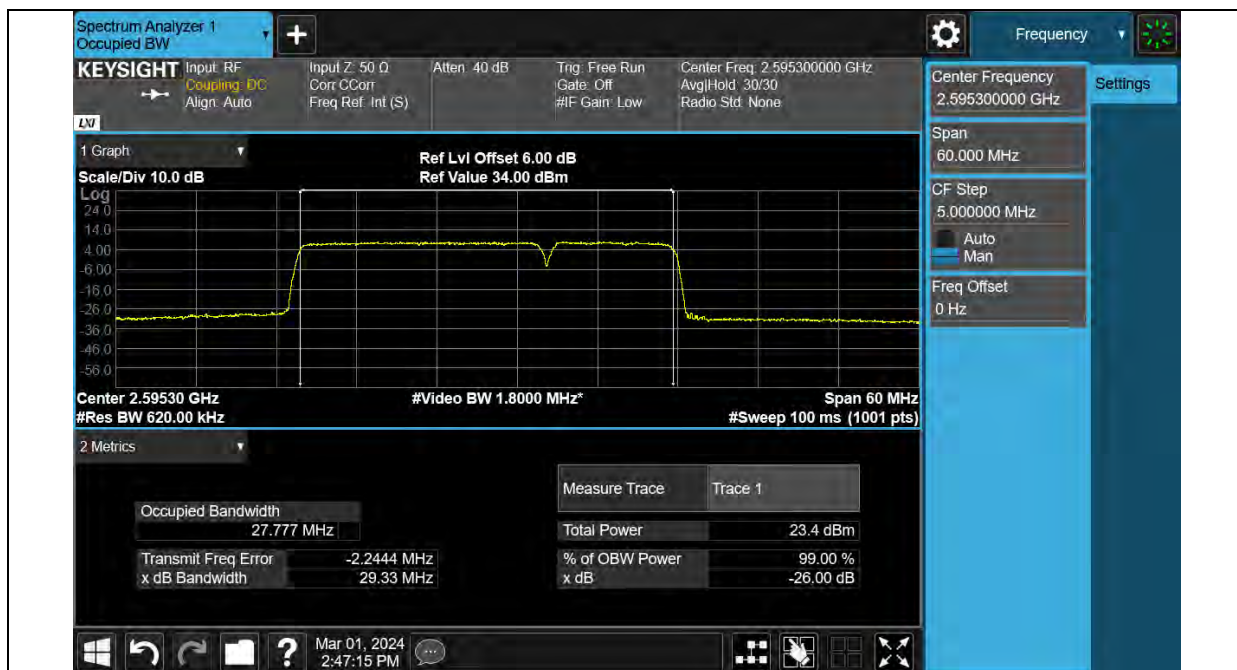
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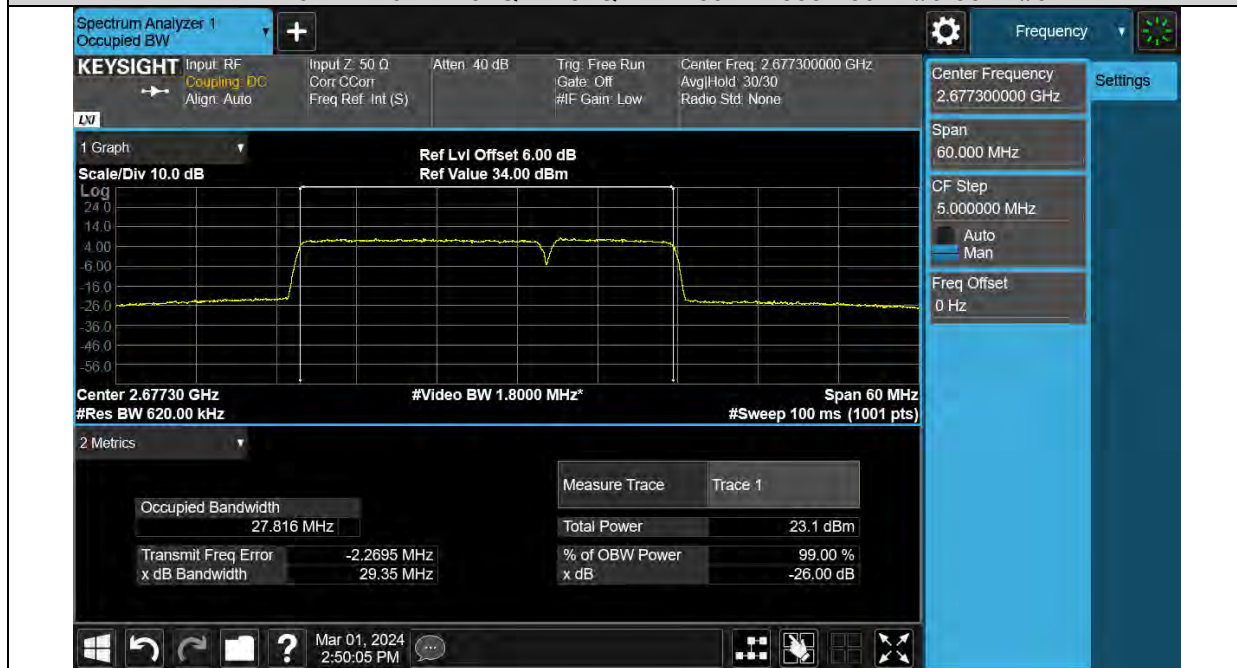








41-41-20MHz-10MHz-64QAM-64QAM-41391-41535-100RB#0-50RB#0



41-41-20MHz-15MHz-QPSK-QPSK-39750-39921-100RB#0-75RB#0