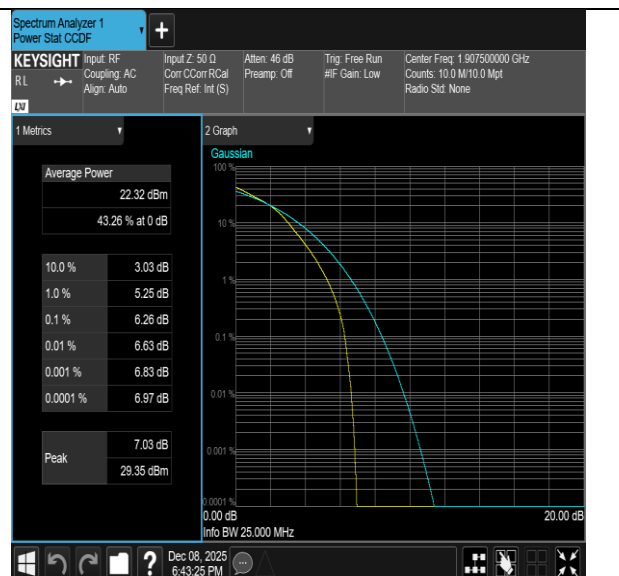




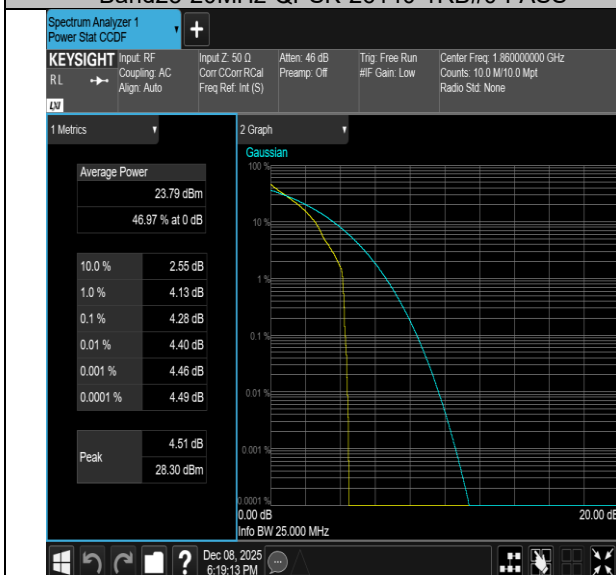
BUREAU VERITAS Test Report No.: PSU-QBJ2512030110RF02



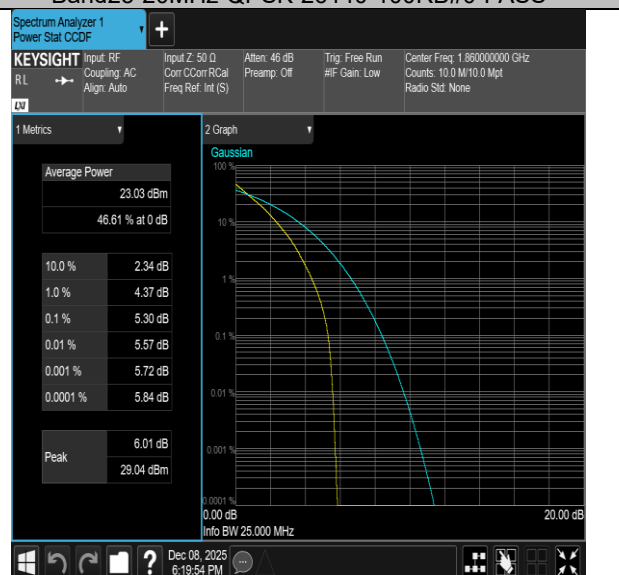
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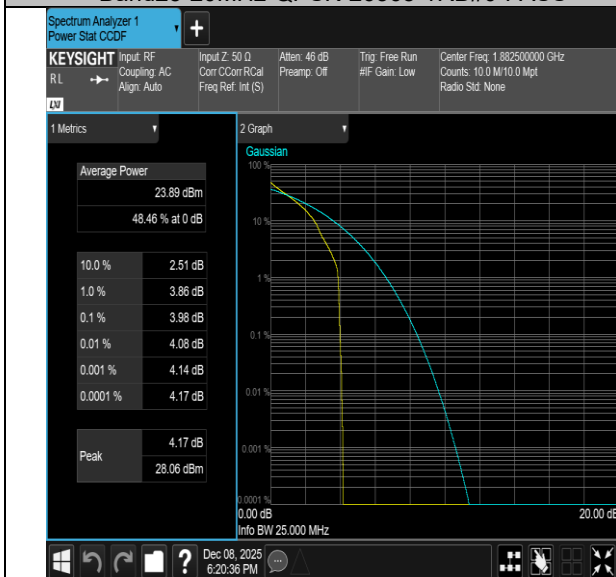
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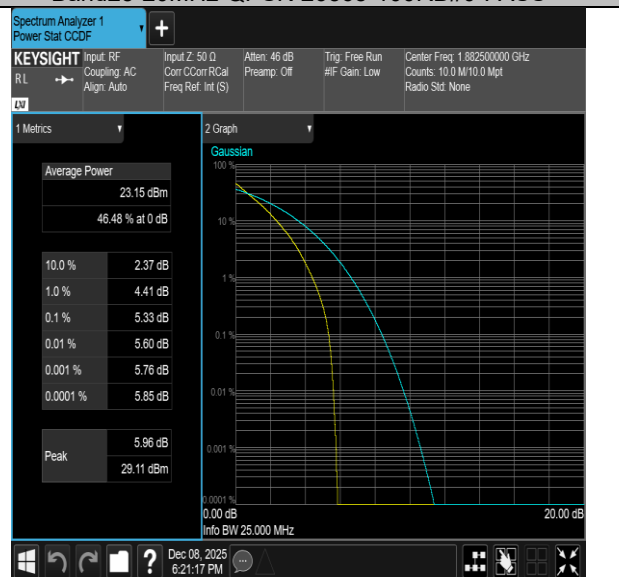
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Band25-20MHz-QPSK-26590-1RB#0-PASS



Band25-20MHz-QPSK-26590-100RB#0-PASS

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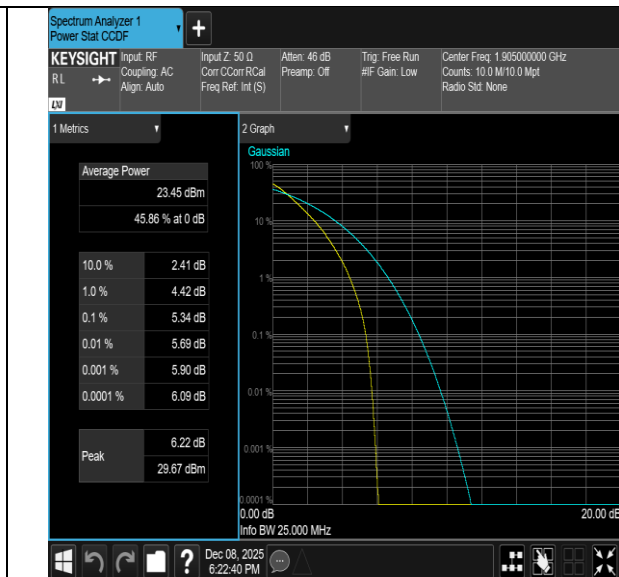
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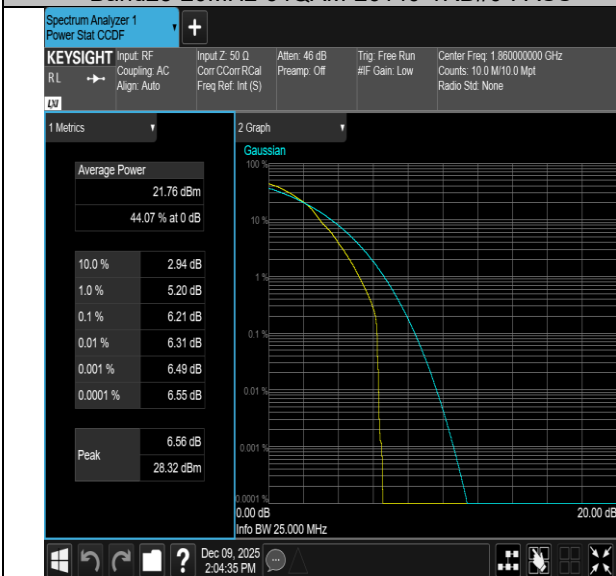
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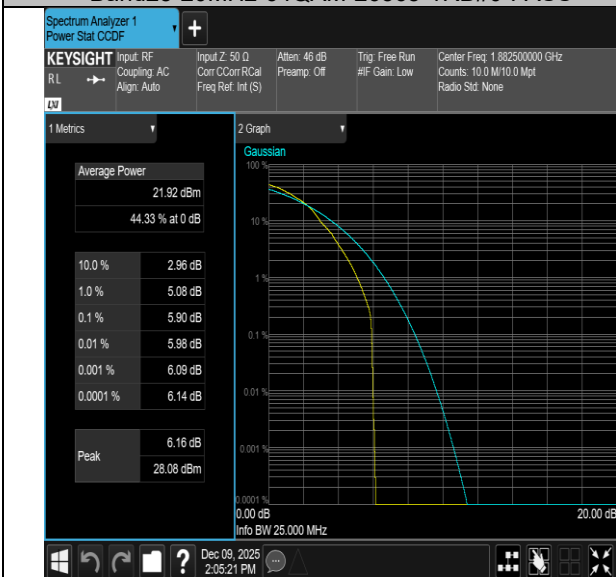
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Band25-20MHz-64QAM-26365-1RB#0-PASS



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Band25-20MHz-64QAM-26590-1RB#0-PASS



Band25-20MHz-64QAM-26590-100RB#0-PASS

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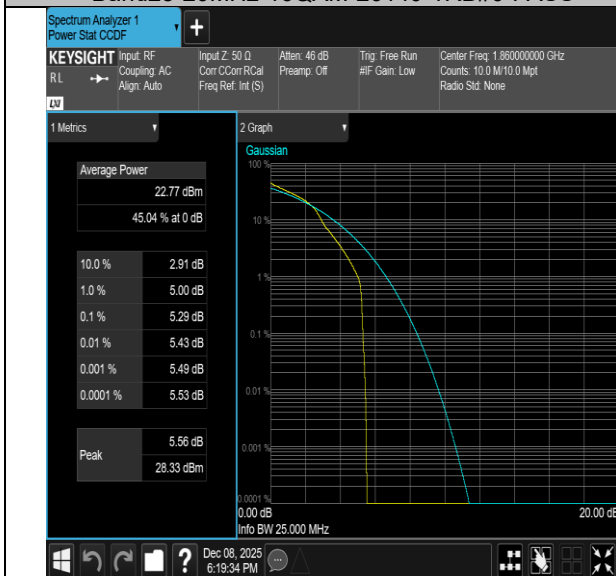
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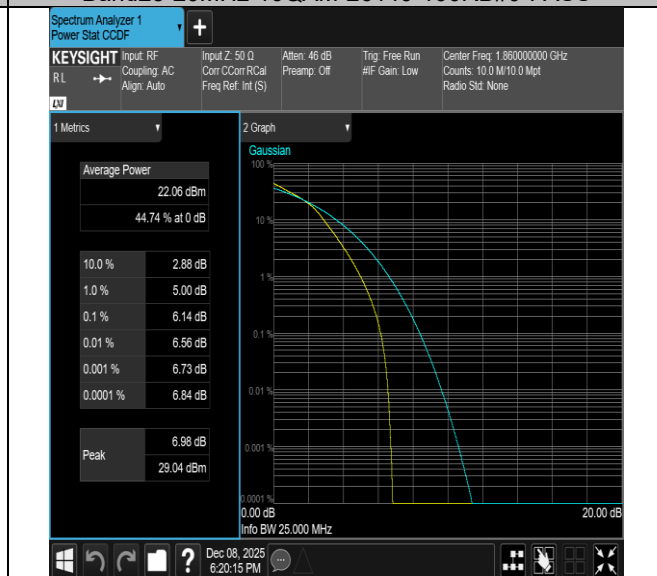
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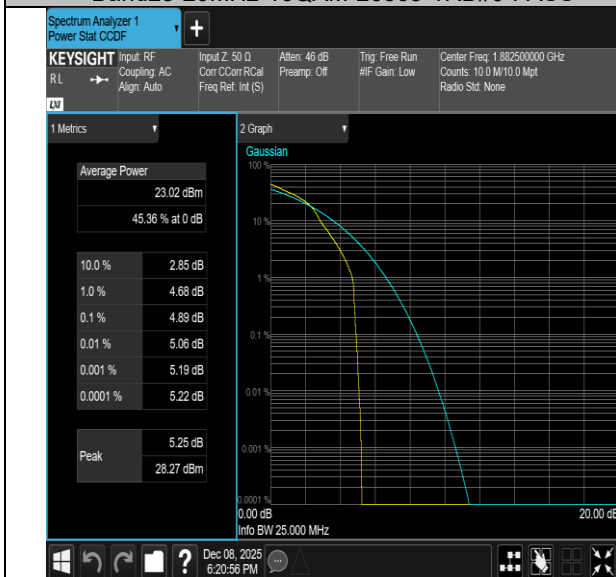
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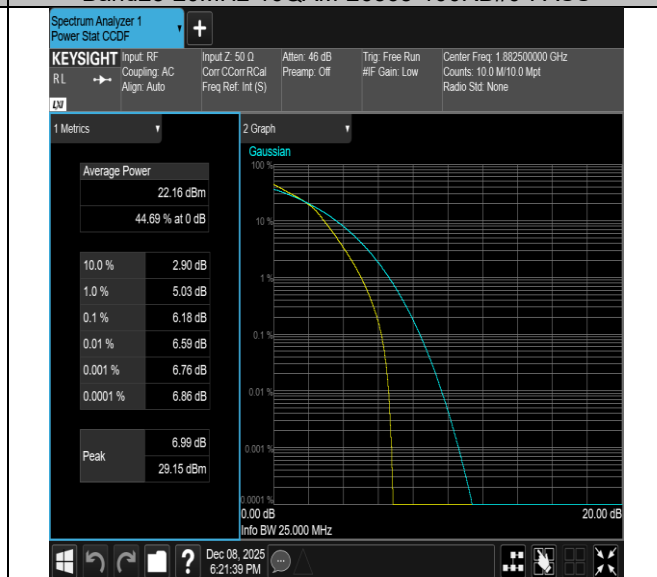
Band25-20MHz-16QAM-26365-1RB#0-PASS



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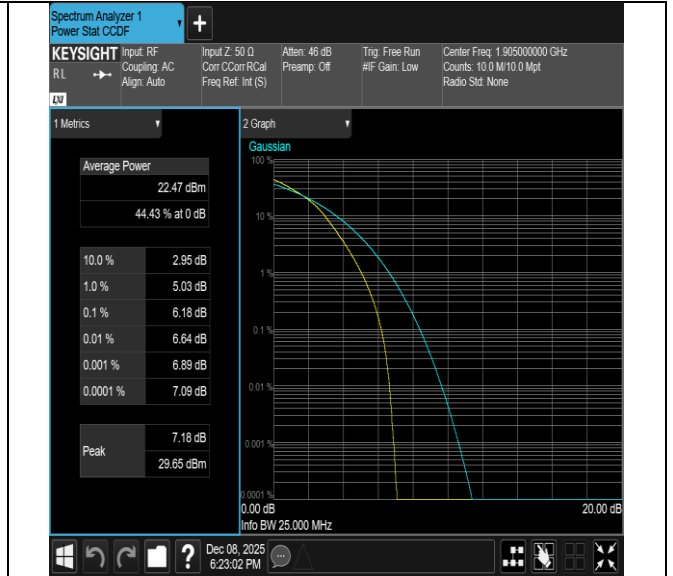
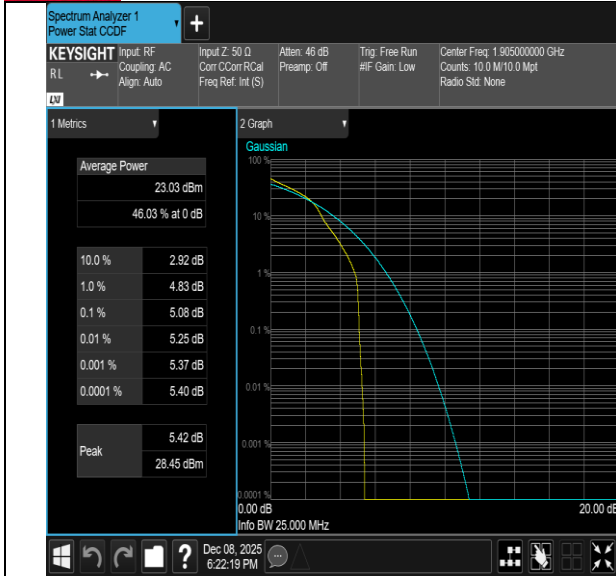
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**26DB BANDWIDTH AND OCCUPIED BANDWIDTH****Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0990	1.359	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.1032	1.374	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.1053	1.359	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	1.0975	1.361	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	1.1011	1.362	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	1.0968	1.375	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.1033	1.380	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.1019	1.369	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.1084	1.361	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.7089	3.056	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.7056	3.061	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.7036	3.046	PASS
Band25	3MHz	64QAM	26055	15RB#0	2.7028	3.068	PASS
Band25	3MHz	64QAM	26365	15RB#0	2.6969	3.057	PASS
Band25	3MHz	64QAM	26675	15RB#0	2.7023	3.053	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.7009	3.054	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.7051	3.049	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.7059	3.062	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.5260	5.161	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5299	5.210	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.5129	5.152	PASS
Band25	5MHz	64QAM	26065	25RB#0	4.5051	5.090	PASS
Band25	5MHz	64QAM	26365	25RB#0	4.5356	5.228	PASS
Band25	5MHz	64QAM	26665	25RB#0	4.5207	5.212	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5200	5.180	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5291	5.153	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5197	5.253	PASS
Band25	10MHz	QPSK	26090	50RB#0	9.0032	10.07	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9958	10.04	PASS
Band25	10MHz	QPSK	26640	50RB#0	9.0019	10.08	PASS
Band25	10MHz	64QAM	26090	50RB#0	9.0047	10.01	PASS
Band25	10MHz	64QAM	26365	50RB#0	9.0208	10.04	PASS
Band25	10MHz	64QAM	26640	50RB#0	9.0089	9.998	PASS
Band25	10MHz	16QAM	26090	50RB#0	9.0211	10.06	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9921	10.06	PASS
Band25	10MHz	16QAM	26640	50RB#0	9.0190	10.09	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.495	14.98	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.522	15.04	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.534	15.03	PASS
Band25	15MHz	64QAM	26115	75RB#0	13.500	14.90	PASS
Band25	15MHz	64QAM	26365	75RB#0	13.506	14.99	PASS
Band25	15MHz	64QAM	26615	75RB#0	13.513	14.95	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.501	15.03	PASS



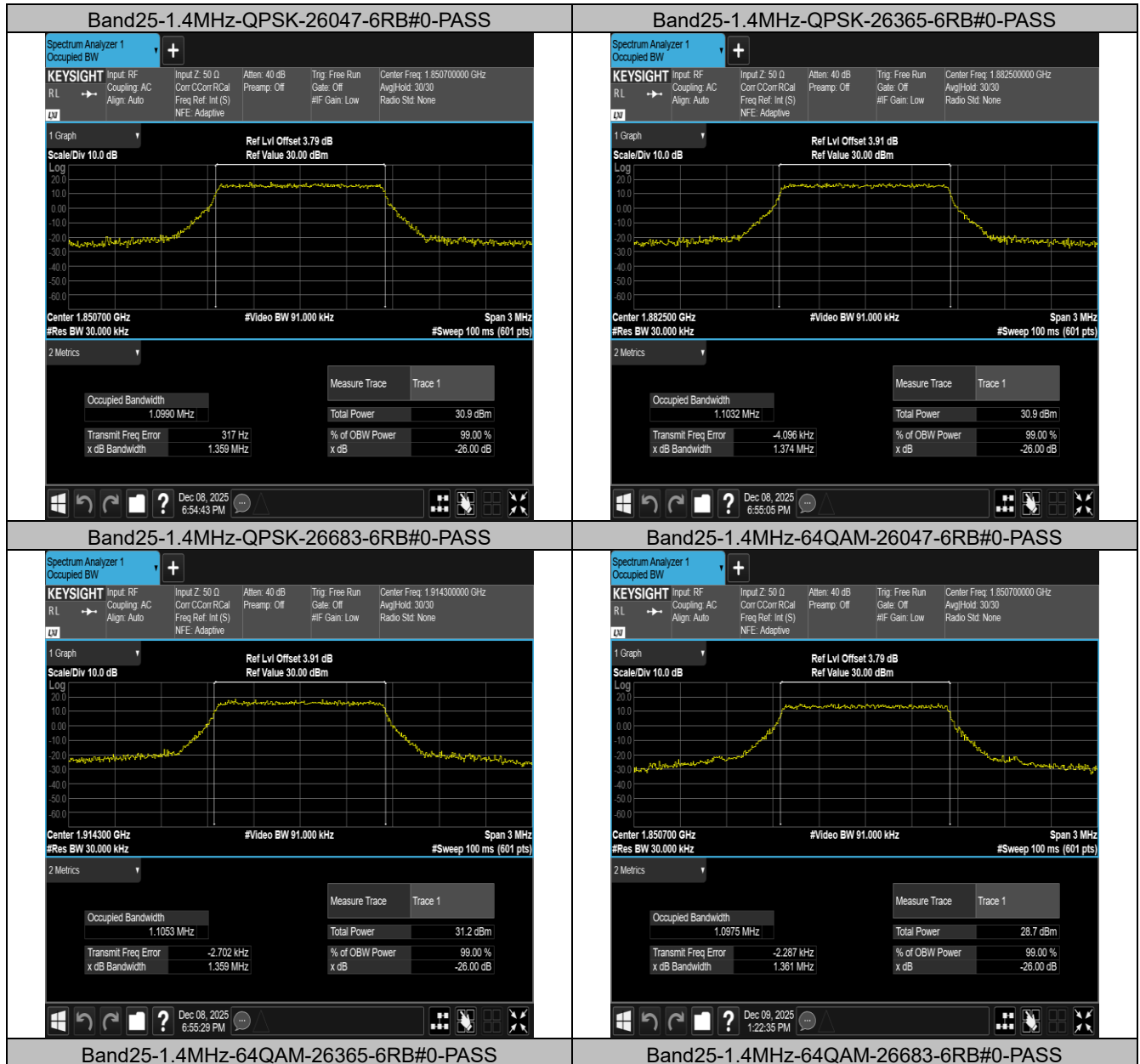
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Band25	15MHz	16QAM	26365	75RB#0	13.536	14.91	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.535	14.89	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.943	19.75	PASS
Band25	20MHz	QPSK	26365	100RB#0	18.005	19.83	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.992	19.84	PASS
Band25	20MHz	64QAM	26140	100RB#0	17.983	19.92	PASS
Band25	20MHz	64QAM	26365	100RB#0	18.013	19.81	PASS
Band25	20MHz	64QAM	26590	100RB#0	17.982	19.86	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.980	19.82	PASS
Band25	20MHz	16QAM	26365	100RB#0	18.011	19.88	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.997	19.72	PASS



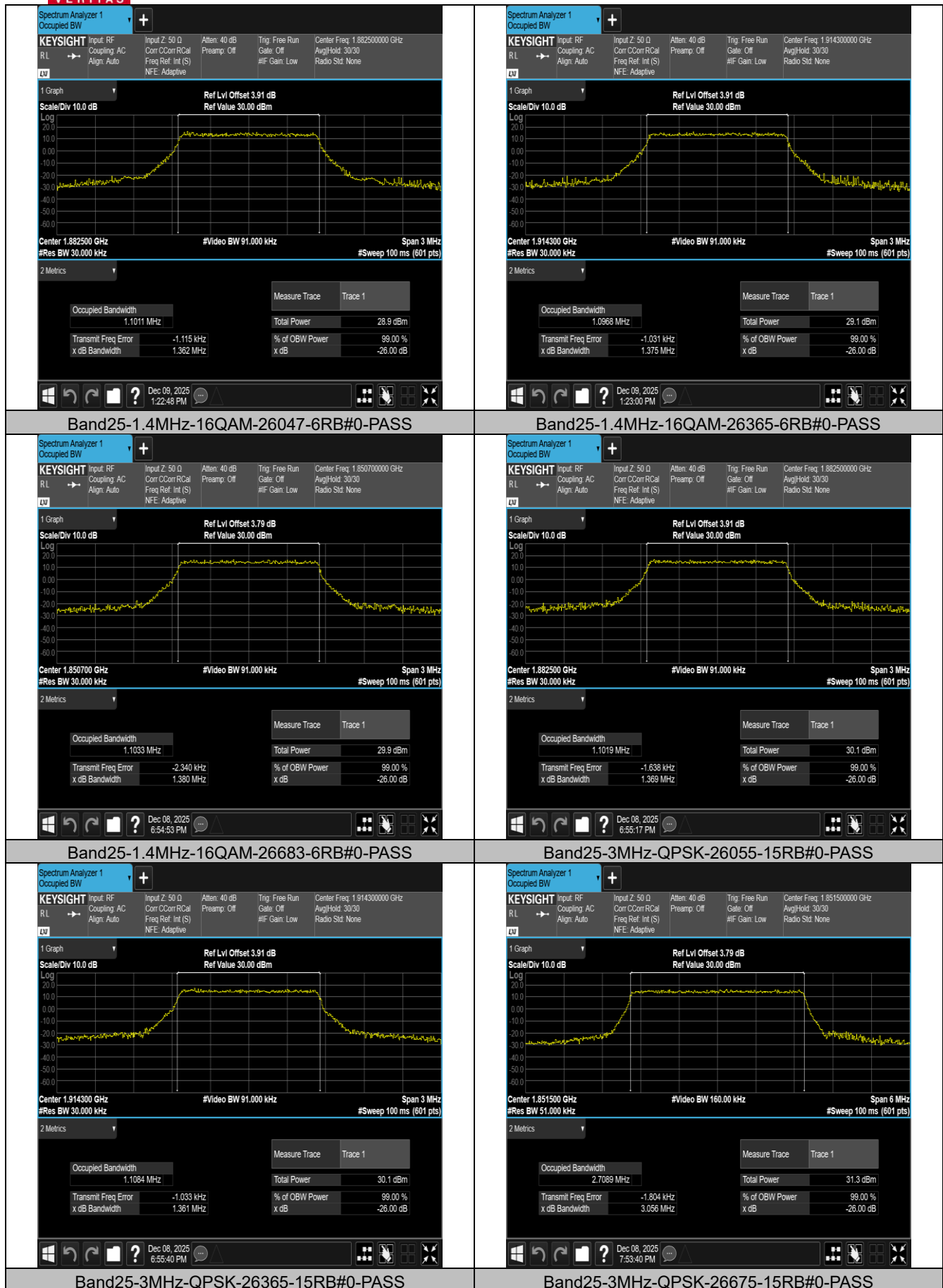
Test Graphs





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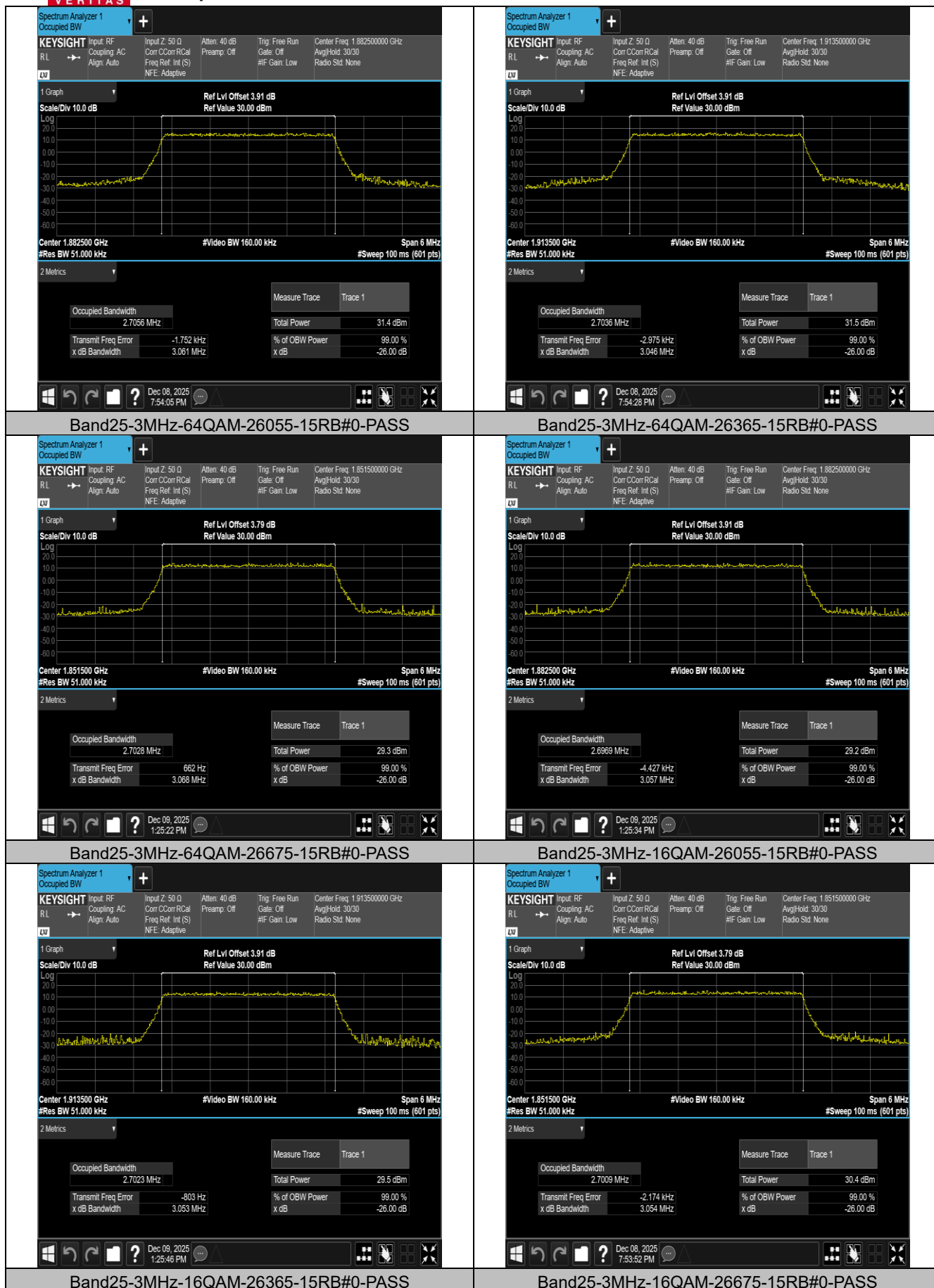
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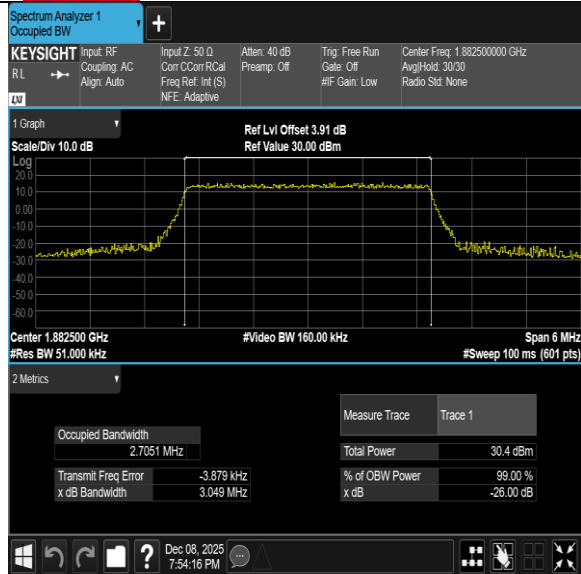
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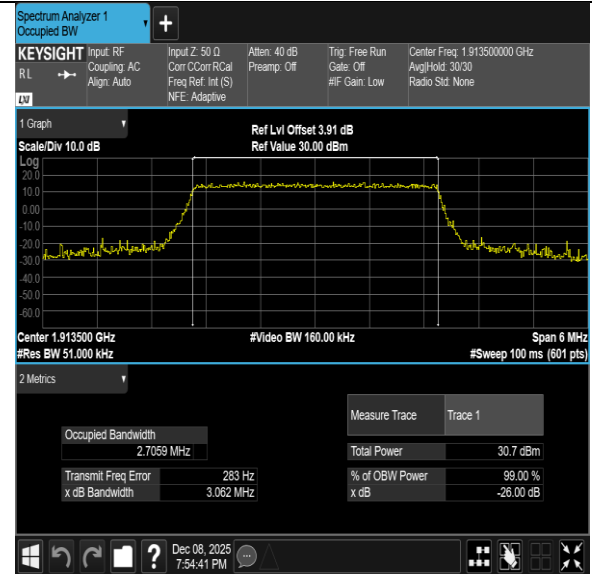


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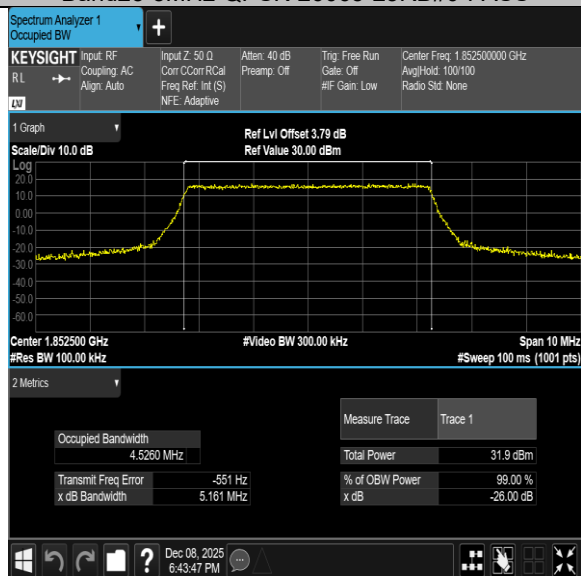
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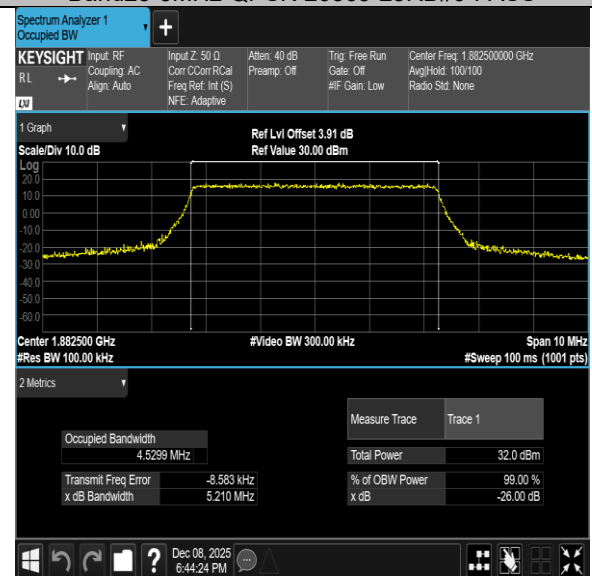
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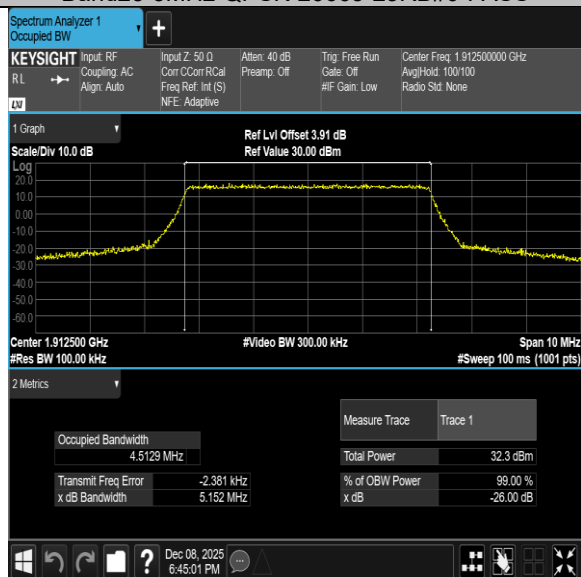
Band25-5MHz-QPSK-26365-25RB#0-PASS



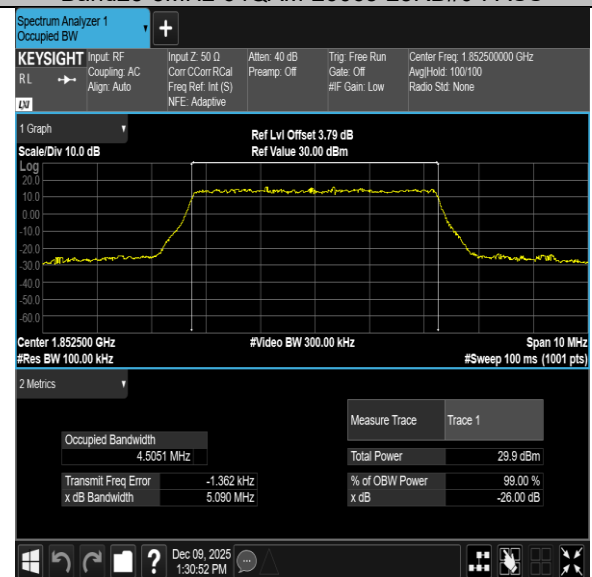
Band25-5MHz-QPSK-26665-25RB#0-PASS



Band25-5MHz-64QAM-26065-25RB#0-PASS



Band25-5MHz-64QAM-26365-25RB#0-PASS



Band25-5MHz-64QAM-26665-25RB#0-PASS

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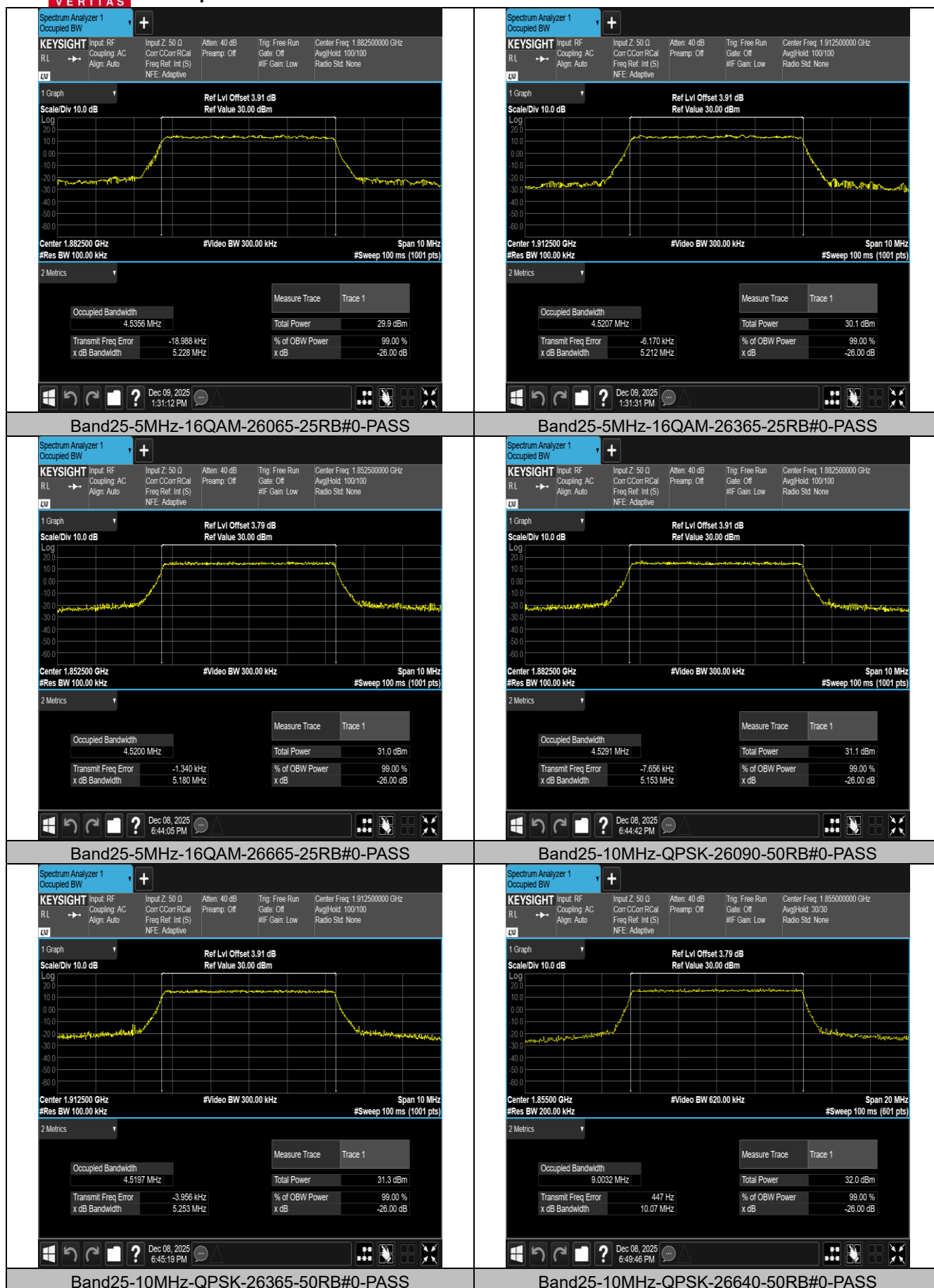
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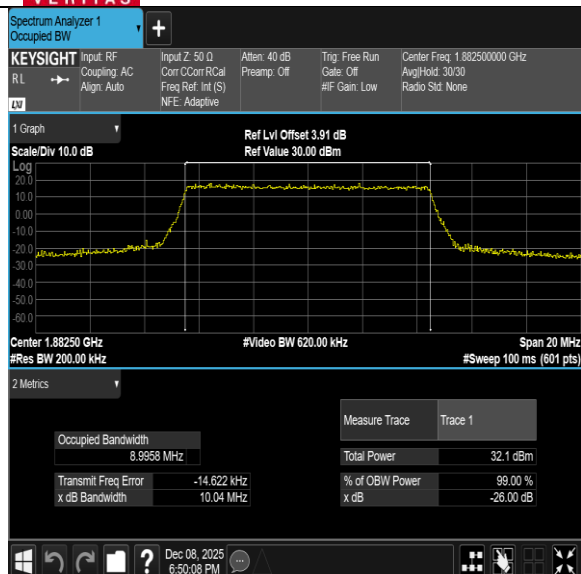
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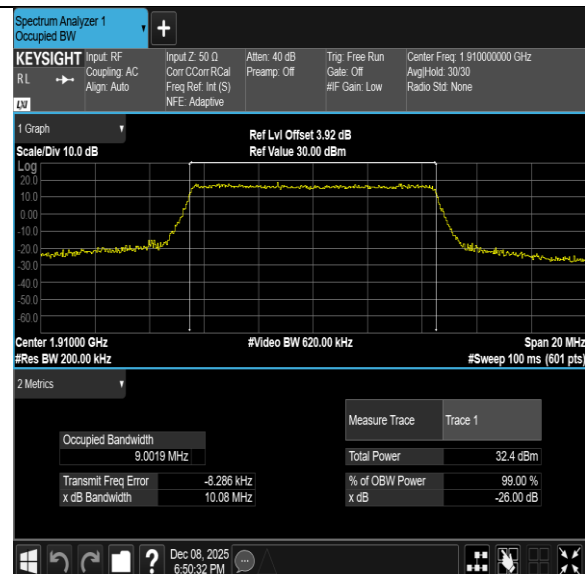


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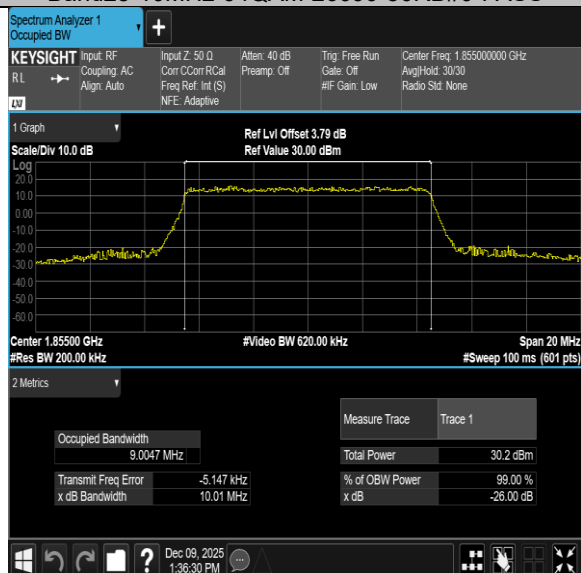
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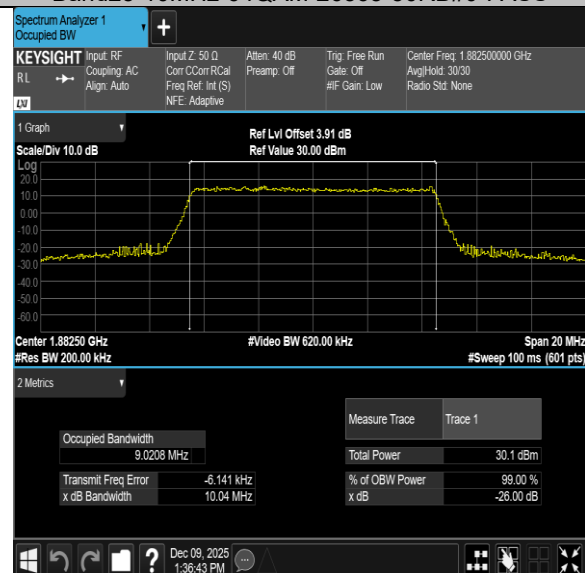
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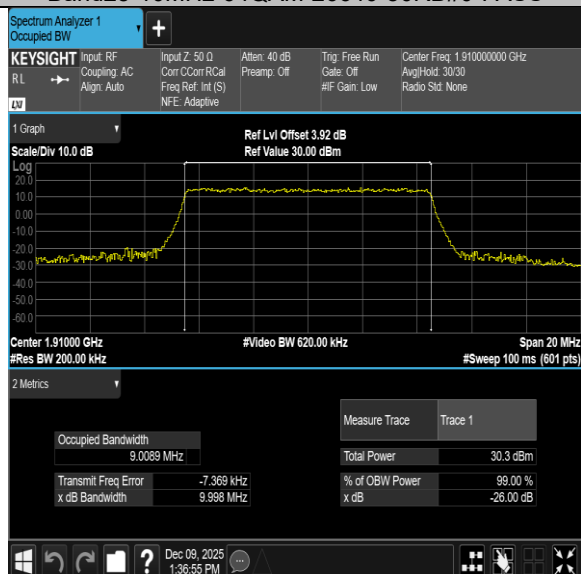
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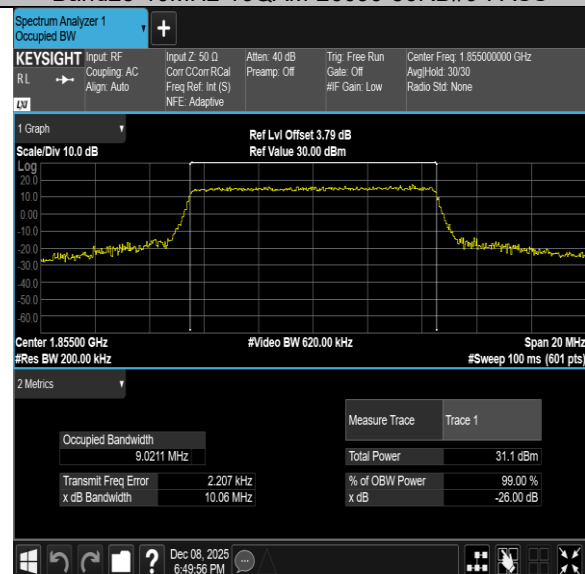
Band25-10MHz-64QAM-26640-50RB#0-PASS



Band25-10MHz-16QAM-26090-50RB#0-PASS



Band25-10MHz-16QAM-26365-50RB#0-PASS



Band25-10MHz-16QAM-26640-50RB#0-PASS

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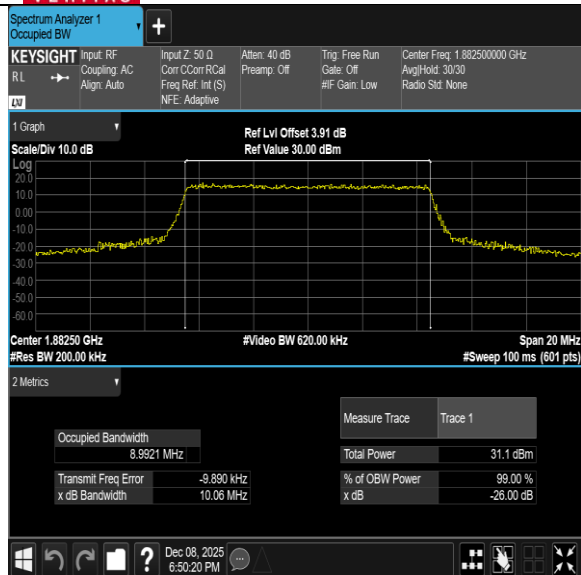
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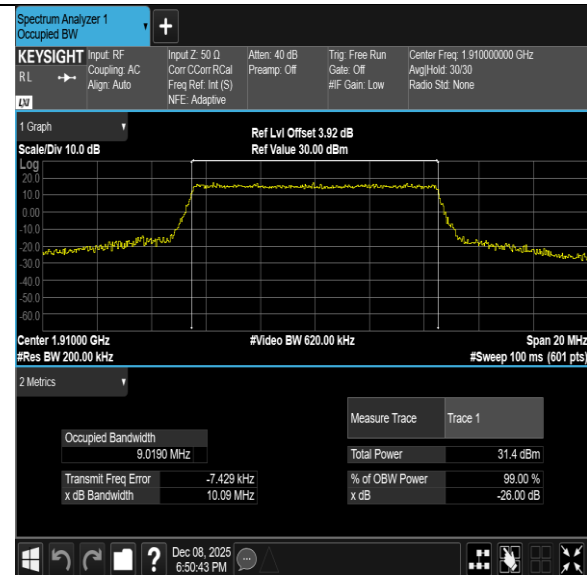


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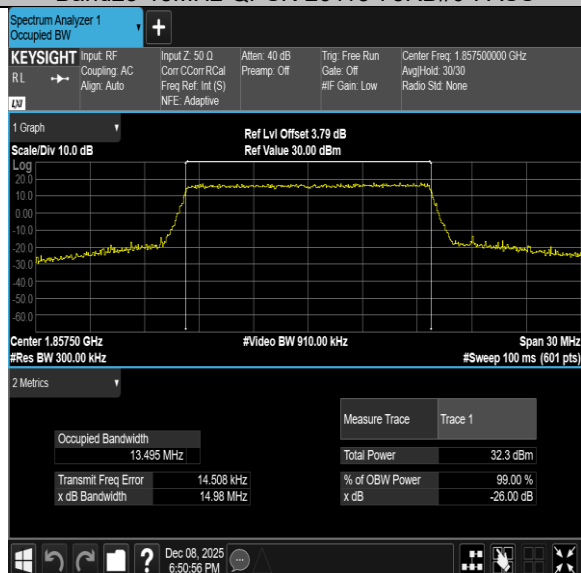
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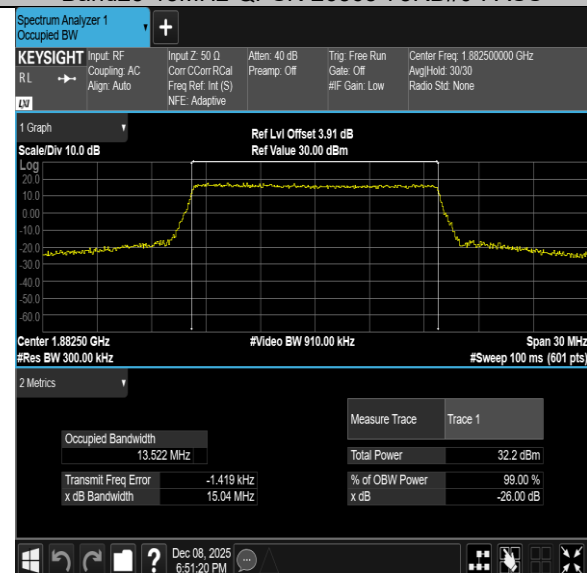
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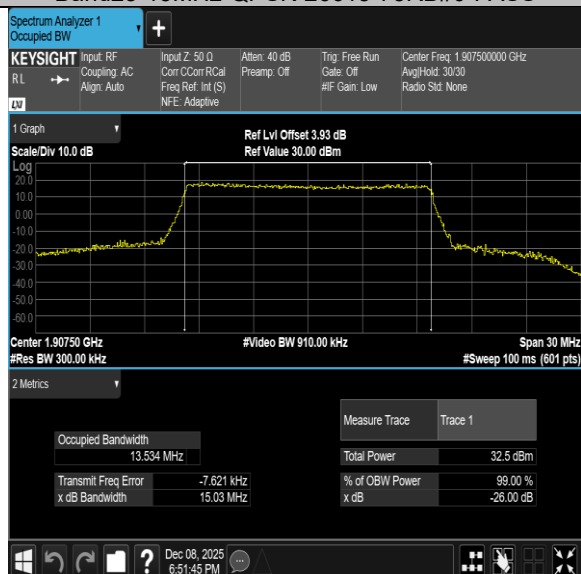
Band25-15MHz-QPSK-26365-75RB#0-PASS



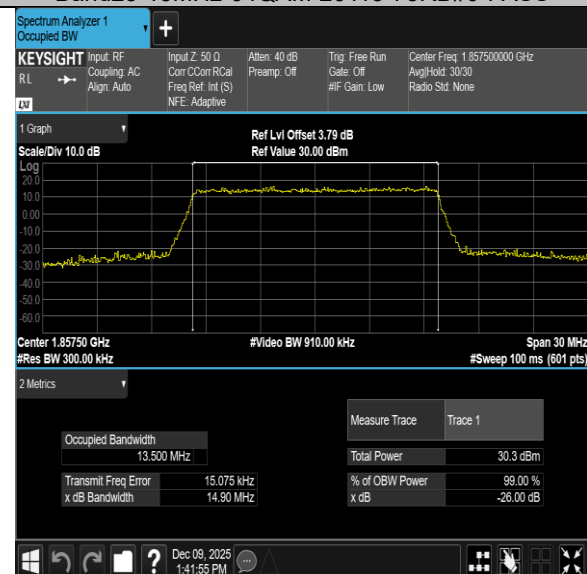
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Band25-15MHz-64QAM-26115-75RB#0-PASS



Band25-15MHz-64QAM-26365-75RB#0-PASS



Band25-15MHz-64QAM-26615-75RB#0-PASS

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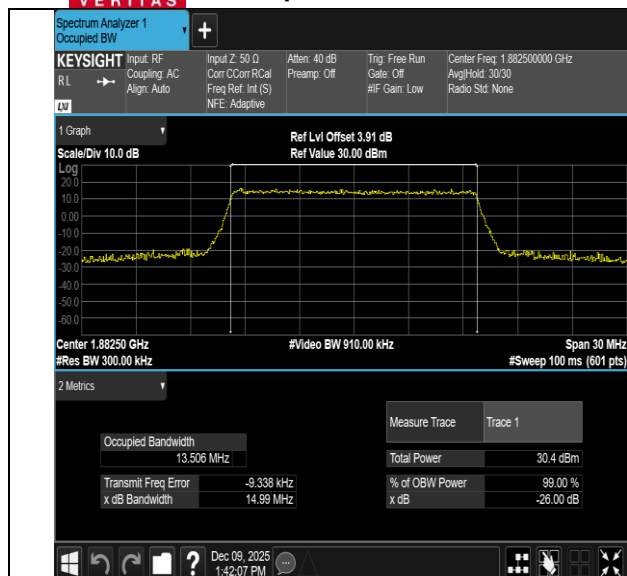
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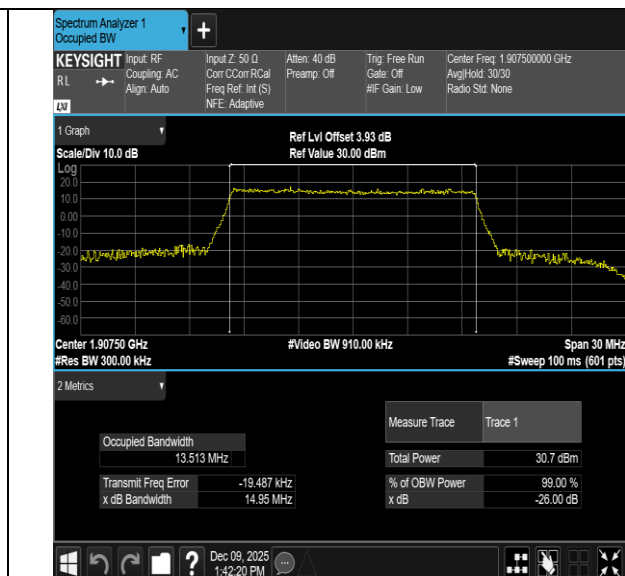


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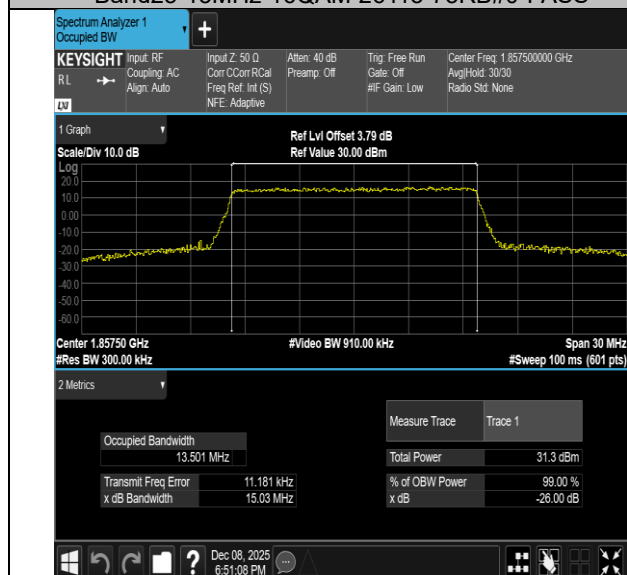
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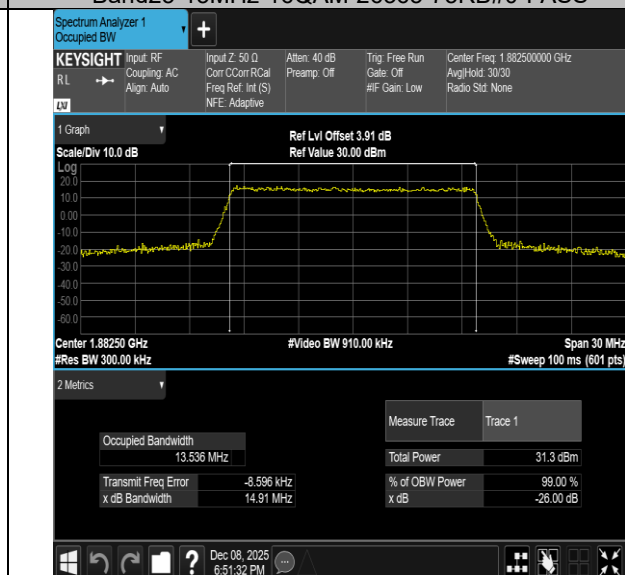
Band25-15MHz-16QAM-26115-75RB#0-PASS



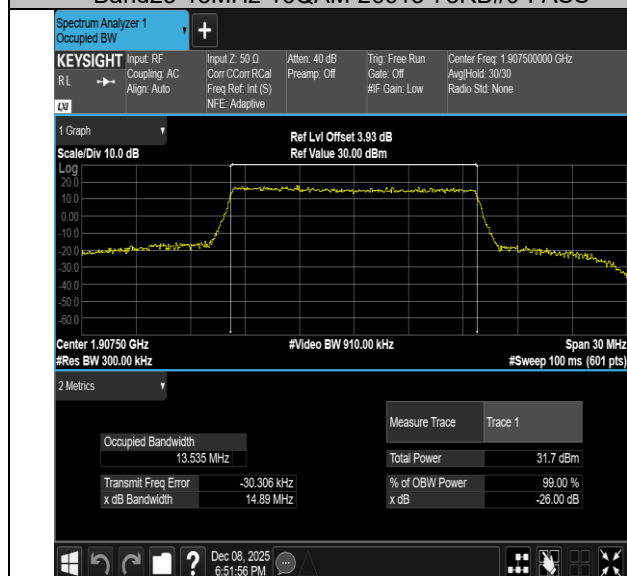
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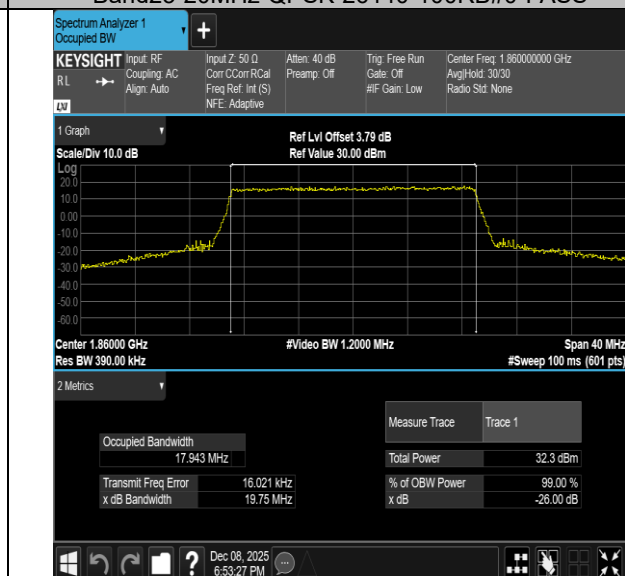
Band25-15MHz-16QAM-26615-75RB#0-PASS



Band25-20MHz-QPSK-26140-100RB#0-PASS



Band25-20MHz-QPSK-26365-100RB#0-PASS



Band25-20MHz-QPSK-26590-100RB#0-PASS

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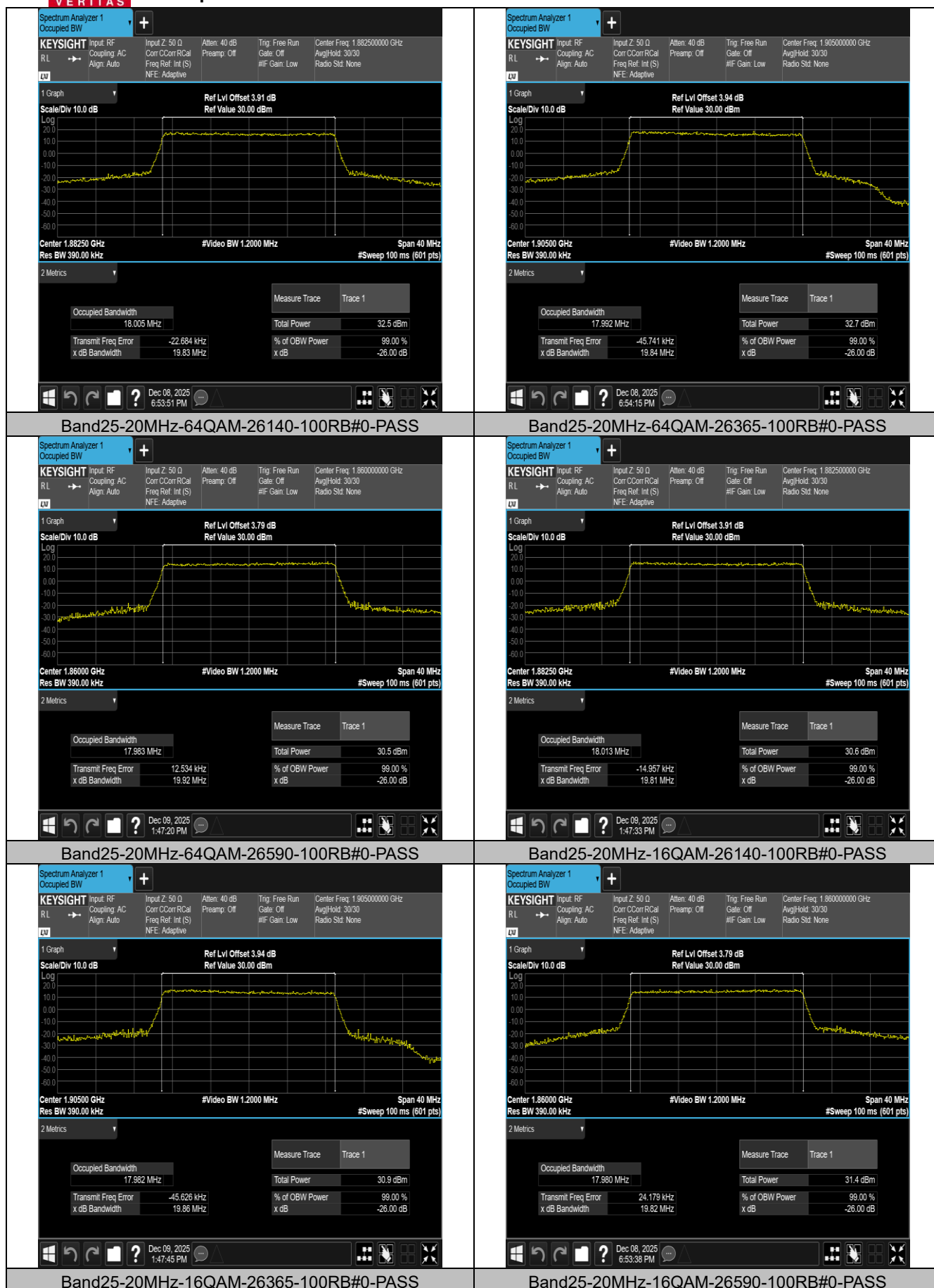
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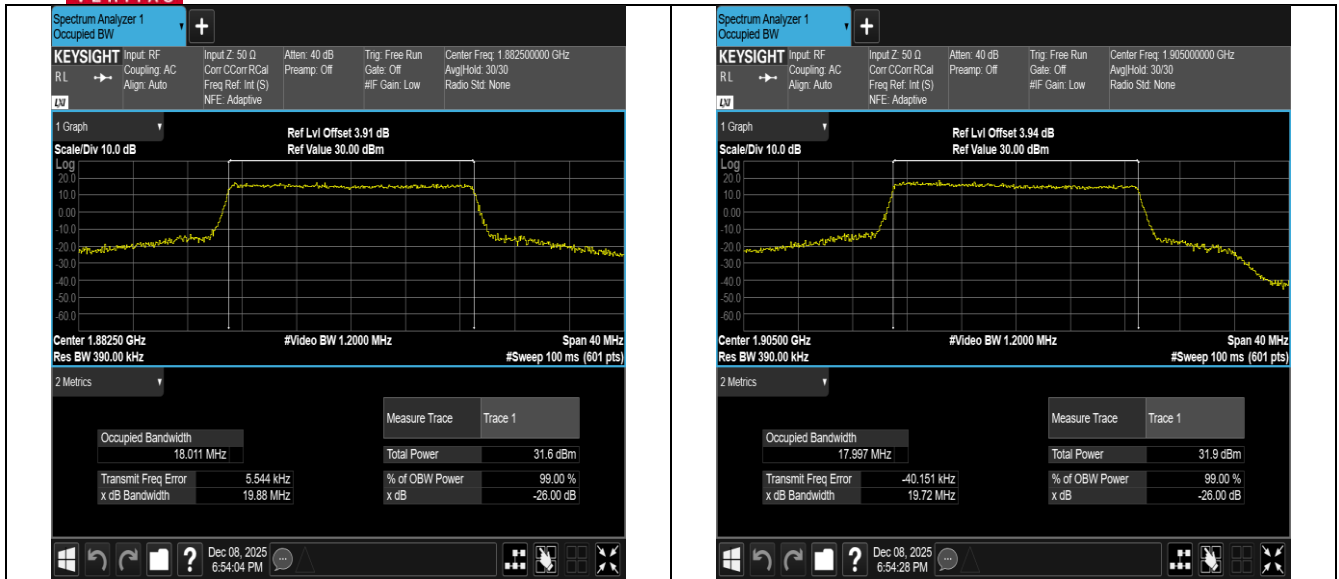
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BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	-21.38	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	-25.25	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	-21.61	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-26.97	PASS
Band25	1.4MHz	64QAM	26047	1RB#0	-22.76	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	-28.43	PASS
Band25	1.4MHz	64QAM	26683	1RB#5	-25.15	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	-31.09	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	-23.29	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-26.25	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	-21.53	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-27.91	PASS
Band25	3MHz	QPSK	26055	1RB#0	-21.59	PASS
Band25	3MHz	QPSK	26055	15RB#0	-24.79	PASS
Band25	3MHz	QPSK	26675	1RB#14	-21.49	PASS
Band25	3MHz	QPSK	26675	15RB#0	-25.79	PASS
Band25	3MHz	64QAM	26055	1RB#0	-24.44	PASS
Band25	3MHz	64QAM	26055	15RB#0	-27.03	PASS
Band25	3MHz	64QAM	26675	1RB#14	-24.22	PASS
Band25	3MHz	64QAM	26675	15RB#0	-27.65	PASS
Band25	3MHz	16QAM	26055	1RB#0	-22.83	PASS
Band25	3MHz	16QAM	26055	15RB#0	-26.06	PASS
Band25	3MHz	16QAM	26675	1RB#14	-22.72	PASS
Band25	3MHz	16QAM	26675	15RB#0	-26.56	PASS
Band25	5MHz	QPSK	26065	1RB#0	-21.40	PASS
Band25	5MHz	QPSK	26065	25RB#0	-26.36	PASS
Band25	5MHz	QPSK	26665	1RB#24	-21.90	PASS
Band25	5MHz	QPSK	26665	25RB#0	-25.93	PASS
Band25	5MHz	64QAM	26065	1RB#0	-24.08	PASS
Band25	5MHz	64QAM	26065	25RB#0	-28.33	PASS
Band25	5MHz	64QAM	26665	1RB#24	-23.84	PASS
Band25	5MHz	64QAM	26665	25RB#0	-27.38	PASS
Band25	5MHz	16QAM	26065	1RB#0	-22.95	PASS
Band25	5MHz	16QAM	26065	25RB#0	-27.17	PASS
Band25	5MHz	16QAM	26665	1RB#24	-22.75	PASS
Band25	5MHz	16QAM	26665	25RB#0	-26.91	PASS
Band25	10MHz	QPSK	26090	1RB#0	-29.22	PASS
Band25	10MHz	QPSK	26090	50RB#0	-31.14	PASS
Band25	10MHz	QPSK	26640	1RB#49	-29.57	PASS
Band25	10MHz	QPSK	26640	50RB#0	-31.40	PASS
Band25	10MHz	64QAM	26090	1RB#0	-31.57	PASS
Band25	10MHz	64QAM	26090	50RB#0	-32.20	PASS
Band25	10MHz	64QAM	26640	1RB#49	-31.78	PASS
Band25	10MHz	64QAM	26640	50RB#0	-32.79	PASS
Band25	10MHz	16QAM	26090	1RB#0	-30.28	PASS
Band25	10MHz	16QAM	26090	50RB#0	-31.32	PASS
Band25	10MHz	16QAM	26640	1RB#49	-30.07	PASS
Band25	10MHz	16QAM	26640	50RB#0	-31.85	PASS
Band25	15MHz	QPSK	26115	1RB#0	-26.64	PASS

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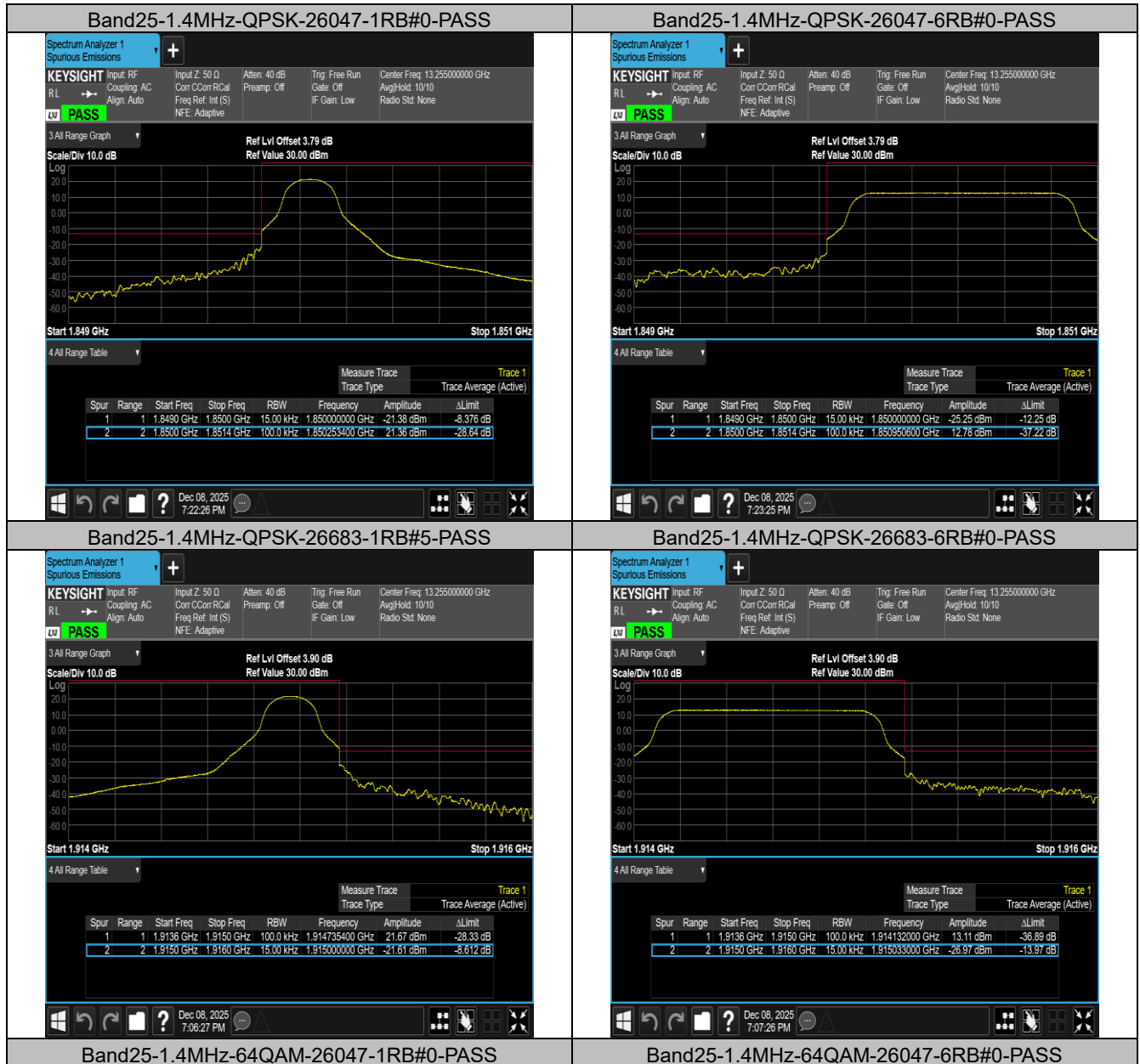
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**BUREAU VERITAS** Test Report No.: PSU-QBJ2512030110RF02

Band25	15MHz	QPSK	26115	75RB#0	-32.95	PASS
Band25	15MHz	QPSK	26615	1RB#74	-26.71	PASS
Band25	15MHz	QPSK	26615	75RB#0	-32.77	PASS
Band25	15MHz	64QAM	26115	1RB#0	-28.77	PASS
Band25	15MHz	64QAM	26115	75RB#0	-34.55	PASS
Band25	15MHz	64QAM	26615	1RB#74	-28.57	PASS
Band25	15MHz	64QAM	26615	75RB#0	-34.96	PASS
Band25	15MHz	16QAM	26115	1RB#0	-27.48	PASS
Band25	15MHz	16QAM	26115	75RB#0	-34.03	PASS
Band25	15MHz	16QAM	26615	1RB#74	-27.60	PASS
Band25	15MHz	16QAM	26615	75RB#0	-34.00	PASS
Band25	20MHz	QPSK	26140	1RB#0	-27.05	PASS
Band25	20MHz	QPSK	26140	100RB#0	-33.79	PASS
Band25	20MHz	QPSK	26590	1RB#99	-27.09	PASS
Band25	20MHz	QPSK	26590	100RB#0	-34.01	PASS
Band25	20MHz	64QAM	26140	1RB#0	-28.93	PASS
Band25	20MHz	64QAM	26140	100RB#0	-34.95	PASS
Band25	20MHz	64QAM	26590	1RB#99	-29.22	PASS
Band25	20MHz	64QAM	26590	100RB#0	-35.60	PASS
Band25	20MHz	16QAM	26140	1RB#0	-27.87	PASS
Band25	20MHz	16QAM	26140	100RB#0	-34.21	PASS
Band25	20MHz	16QAM	26590	1RB#99	-27.98	PASS
Band25	20MHz	16QAM	26590	100RB#0	-34.58	PASS



Test Graphs





BUREAU
VERITAS

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