

Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	22.55	PASS
Band19	5MHz	QPSK	24025	1RB#12	22.89	PASS
Band19	5MHz	QPSK	24025	1RB#24	22.96	PASS
Band19	5MHz	QPSK	24025	12RB#0	21.76	PASS
Band19	5MHz	QPSK	24025	12RB#6	21.75	PASS
Band19	5MHz	QPSK	24025	12RB#13	21.85	PASS
Band19	5MHz	QPSK	24025	25RB#0	21.80	PASS
Band19	5MHz	QPSK	24075	1RB#0	23.02	PASS
Band19	5MHz	QPSK	24075	1RB#12	23.16	PASS
Band19	5MHz	QPSK	24075	1RB#24	23.17	PASS
Band19	5MHz	QPSK	24075	12RB#0	22.06	PASS
Band19	5MHz	QPSK	24075	12RB#6	22.06	PASS
Band19	5MHz	QPSK	24075	12RB#13	22.17	PASS
Band19	5MHz	QPSK	24075	25RB#0	22.13	PASS
Band19	5MHz	QPSK	24125	1RB#0	23.13	PASS
Band19	5MHz	QPSK	24125	1RB#12	23.20	PASS
Band19	5MHz	QPSK	24125	1RB#24	22.73	PASS
Band19	5MHz	QPSK	24125	12RB#0	21.97	PASS
Band19	5MHz	QPSK	24125	12RB#6	22.01	PASS
Band19	5MHz	QPSK	24125	12RB#13	21.70	PASS
Band19	5MHz	QPSK	24125	25RB#0	21.97	PASS
Band19	5MHz	16QAM	24025	1RB#0	21.58	PASS
Band19	5MHz	16QAM	24025	1RB#12	21.86	PASS
Band19	5MHz	16QAM	24025	1RB#24	21.94	PASS
Band19	5MHz	16QAM	24025	12RB#0	20.71	PASS
Band19	5MHz	16QAM	24025	12RB#6	20.70	PASS
Band19	5MHz	16QAM	24025	12RB#13	20.94	PASS
Band19	5MHz	16QAM	24025	25RB#0	20.86	PASS
Band19	5MHz	16QAM	24075	1RB#0	22.25	PASS
Band19	5MHz	16QAM	24075	1RB#12	22.38	PASS
Band19	5MHz	16QAM	24075	1RB#24	22.33	PASS

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Band19	5MHz	16QAM	24075	12RB#0	21.15	PASS
Band19	5MHz	16QAM	24075	12RB#6	21.14	PASS
Band19	5MHz	16QAM	24075	12RB#13	21.23	PASS
Band19	5MHz	16QAM	24075	25RB#0	21.14	PASS
Band19	5MHz	16QAM	24125	1RB#0	22.17	PASS
Band19	5MHz	16QAM	24125	1RB#12	22.16	PASS
Band19	5MHz	16QAM	24125	1RB#24	21.90	PASS
Band19	5MHz	16QAM	24125	12RB#0	20.91	PASS
Band19	5MHz	16QAM	24125	12RB#6	21.02	PASS
Band19	5MHz	16QAM	24125	12RB#13	20.64	PASS
Band19	5MHz	16QAM	24125	25RB#0	21.02	PASS
Band19	10MHz	QPSK	24050	1RB#0	22.59	PASS
Band19	10MHz	QPSK	24050	1RB#24	23.13	PASS
Band19	10MHz	QPSK	24050	1RB#49	23.17	PASS
Band19	10MHz	QPSK	24050	25RB#0	21.94	PASS
Band19	10MHz	QPSK	24050	25RB#12	21.85	PASS
Band19	10MHz	QPSK	24050	25RB#25	22.12	PASS
Band19	10MHz	QPSK	24050	50RB#0	21.92	PASS
Band19	10MHz	QPSK	24075	1RB#0	22.89	PASS
Band19	10MHz	QPSK	24075	1RB#24	22.72	PASS
Band19	10MHz	QPSK	24075	1RB#49	22.71	PASS
Band19	10MHz	QPSK	24075	25RB#0	21.63	PASS
Band19	10MHz	QPSK	24075	25RB#12	21.68	PASS
Band19	10MHz	QPSK	24075	25RB#25	21.83	PASS
Band19	10MHz	QPSK	24075	50RB#0	21.64	PASS
Band19	10MHz	QPSK	24100	1RB#0	22.89	PASS
Band19	10MHz	QPSK	24100	1RB#24	22.73	PASS
Band19	10MHz	QPSK	24100	1RB#49	22.60	PASS
Band19	10MHz	QPSK	24100	25RB#0	21.67	PASS
Band19	10MHz	QPSK	24100	25RB#12	21.67	PASS
Band19	10MHz	QPSK	24100	25RB#25	21.70	PASS
Band19	10MHz	QPSK	24100	50RB#0	21.68	PASS
Band19	10MHz	16QAM	24050	1RB#0	21.76	PASS
Band19	10MHz	16QAM	24050	1RB#24	22.29	PASS

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Band19	10MHz	16QAM	24050	1RB#49	22.33	PASS
Band19	10MHz	16QAM	24050	25RB#0	20.92	PASS
Band19	10MHz	16QAM	24050	25RB#12	20.99	PASS
Band19	10MHz	16QAM	24050	25RB#25	21.00	PASS
Band19	10MHz	16QAM	24050	50RB#0	20.86	PASS
Band19	10MHz	16QAM	24075	1RB#0	21.43	PASS
Band19	10MHz	16QAM	24075	1RB#24	21.68	PASS
Band19	10MHz	16QAM	24075	1RB#49	21.71	PASS
Band19	10MHz	16QAM	24075	25RB#0	20.65	PASS
Band19	10MHz	16QAM	24075	25RB#12	20.68	PASS
Band19	10MHz	16QAM	24075	25RB#25	20.79	PASS
Band19	10MHz	16QAM	24075	50RB#0	20.68	PASS
Band19	10MHz	16QAM	24100	1RB#0	21.76	PASS
Band19	10MHz	16QAM	24100	1RB#24	21.88	PASS
Band19	10MHz	16QAM	24100	1RB#49	21.84	PASS
Band19	10MHz	16QAM	24100	25RB#0	20.66	PASS
Band19	10MHz	16QAM	24100	25RB#12	20.66	PASS
Band19	10MHz	16QAM	24100	25RB#25	20.70	PASS
Band19	10MHz	16QAM	24100	50RB#0	20.66	PASS
Band19	15MHz	QPSK	24075	1RB#0	22.04	PASS
Band19	15MHz	QPSK	24075	1RB#38	22.70	PASS
Band19	15MHz	QPSK	24075	1RB#74	22.54	PASS
Band19	15MHz	QPSK	24075	38RB#0	21.66	PASS
Band19	15MHz	QPSK	24075	38RB#18	21.60	PASS
Band19	15MHz	QPSK	24075	38RB#37	21.62	PASS
Band19	15MHz	QPSK	24075	75RB#0	21.62	PASS
Band19	15MHz	16QAM	24075	1RB#0	21.37	PASS
Band19	15MHz	16QAM	24075	1RB#38	21.93	PASS
Band19	15MHz	16QAM	24075	1RB#74	21.88	PASS
Band19	15MHz	16QAM	24075	38RB#0	21.64	PASS
Band19	15MHz	16QAM	24075	38RB#18	21.64	PASS
Band19	15MHz	16QAM	24075	38RB#37	21.65	PASS
Band19	15MHz	16QAM	24075	75RB#0	20.59	PASS

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Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	4.18	13	PASS
Band19	5MHz	QPSK	24025	25RB#0	4.97	13	PASS
Band19	5MHz	QPSK	24075	1RB#0	4.51	13	PASS
Band19	5MHz	QPSK	24075	25RB#0	5.33	13	PASS
Band19	5MHz	QPSK	24125	1RB#0	4.83	13	PASS
Band19	5MHz	QPSK	24125	25RB#0	5.24	13	PASS
Band19	5MHz	16QAM	24025	1RB#0	4.82	13	PASS
Band19	5MHz	16QAM	24025	25RB#0	5.79	13	PASS
Band19	5MHz	16QAM	24075	1RB#0	5.12	13	PASS
Band19	5MHz	16QAM	24075	25RB#0	6.06	13	PASS
Band19	5MHz	16QAM	24125	1RB#0	5.51	13	PASS
Band19	5MHz	16QAM	24125	25RB#0	5.97	13	PASS
Band19	10MHz	QPSK	24050	1RB#0	3.99	13	PASS
Band19	10MHz	QPSK	24050	50RB#0	5.23	13	PASS
Band19	10MHz	QPSK	24075	1RB#0	4.24	13	PASS
Band19	10MHz	QPSK	24075	50RB#0	5.29	13	PASS
Band19	10MHz	QPSK	24100	1RB#0	4.58	13	PASS
Band19	10MHz	QPSK	24100	50RB#0	5.42	13	PASS
Band19	10MHz	16QAM	24050	1RB#0	4.77	13	PASS
Band19	10MHz	16QAM	24050	50RB#0	6.01	13	PASS
Band19	10MHz	16QAM	24075	1RB#0	5.25	13	PASS
Band19	10MHz	16QAM	24075	50RB#0	6.07	13	PASS
Band19	10MHz	16QAM	24100	1RB#0	5.73	13	PASS
Band19	10MHz	16QAM	24100	50RB#0	6.19	13	PASS
Band19	15MHz	QPSK	24075	1RB#0	4.18	13	PASS
Band19	15MHz	QPSK	24075	75RB#0	5.61	13	PASS
Band19	15MHz	16QAM	24075	1RB#0	4.95	13	PASS
Band19	15MHz	16QAM	24075	75RB#0	6.21	13	PASS

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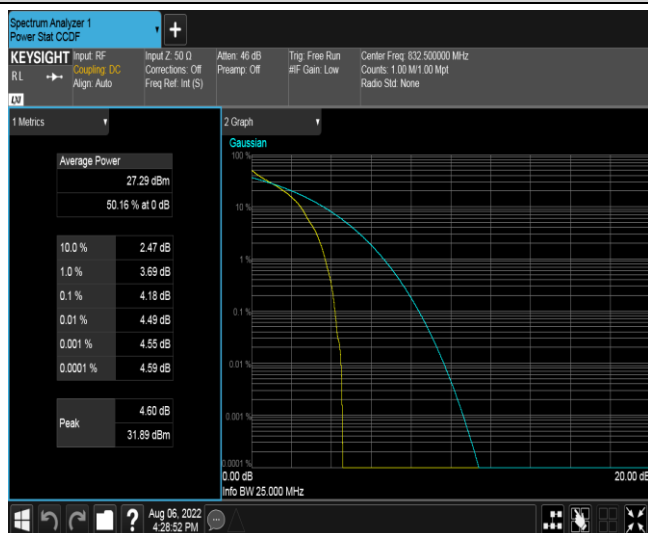
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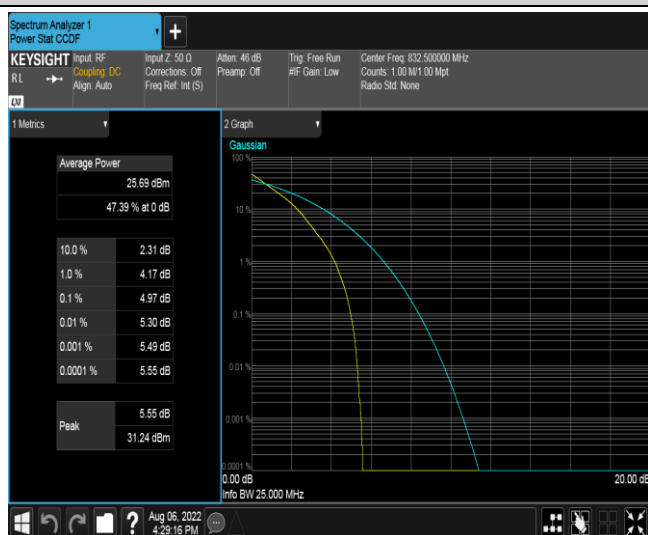
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Test Graphs

Band19-5MHz-QPSK-24025-1RB#0



Band19-5MHz-QPSK-24025-25RB#0



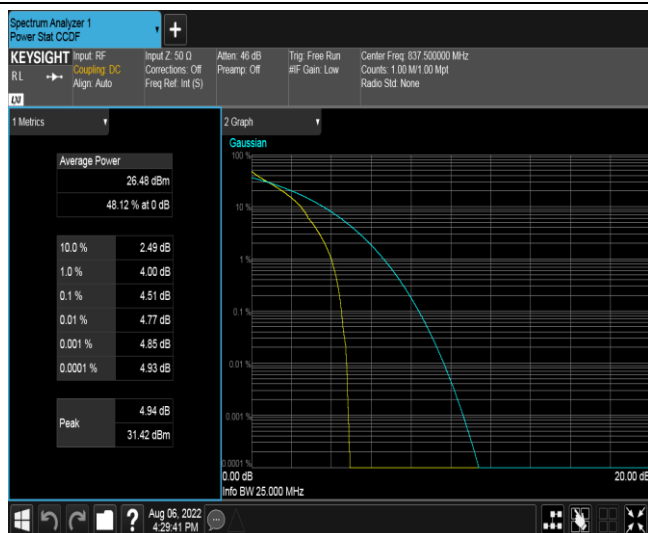
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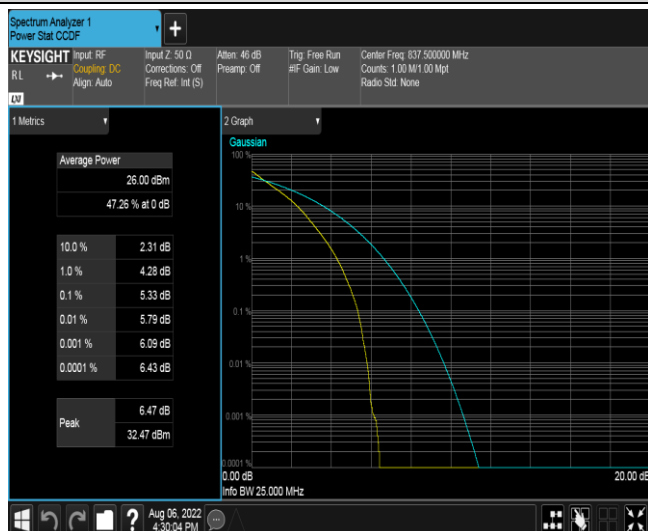
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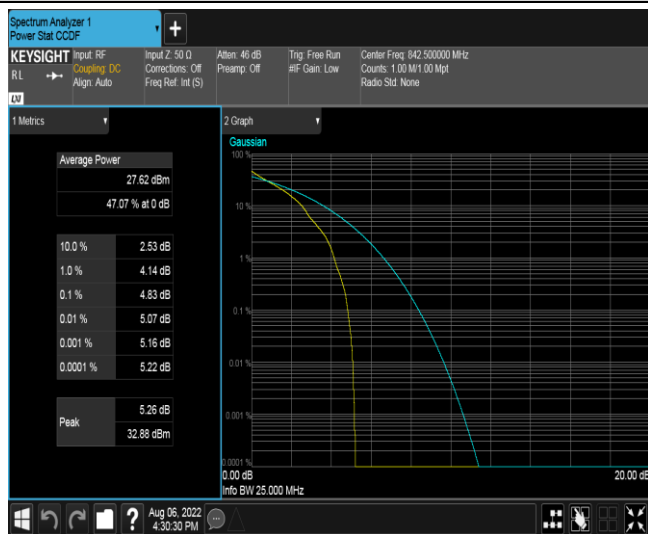
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Band19-5MHz-QPSK-24075-25RB#0



Band19-5MHz-QPSK-24125-1RB#0

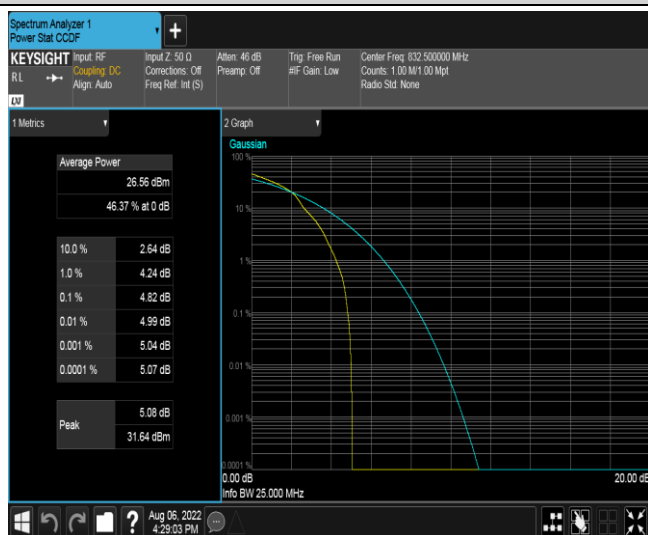


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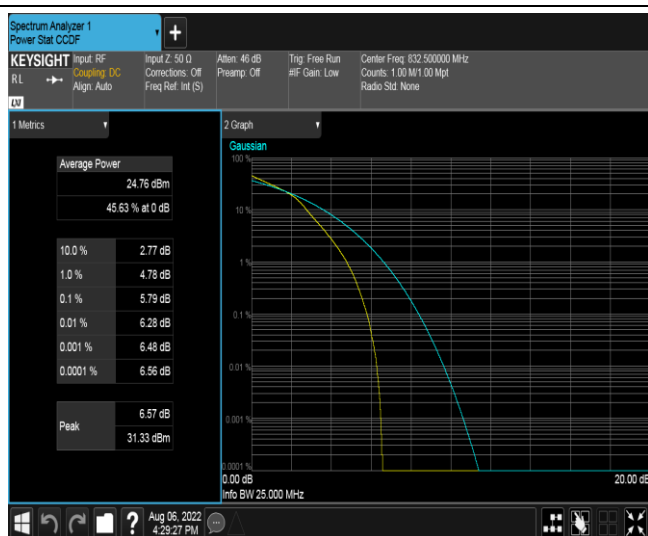


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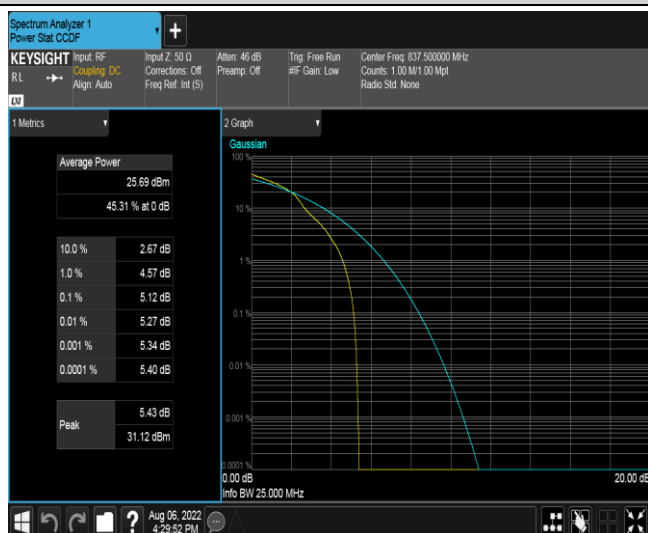


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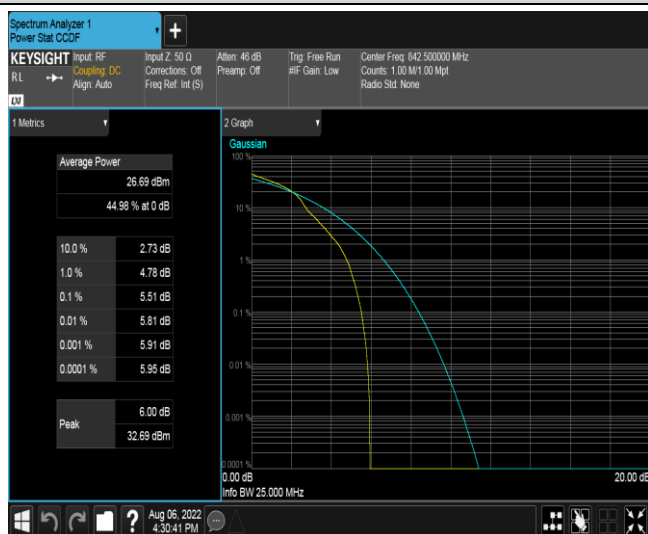


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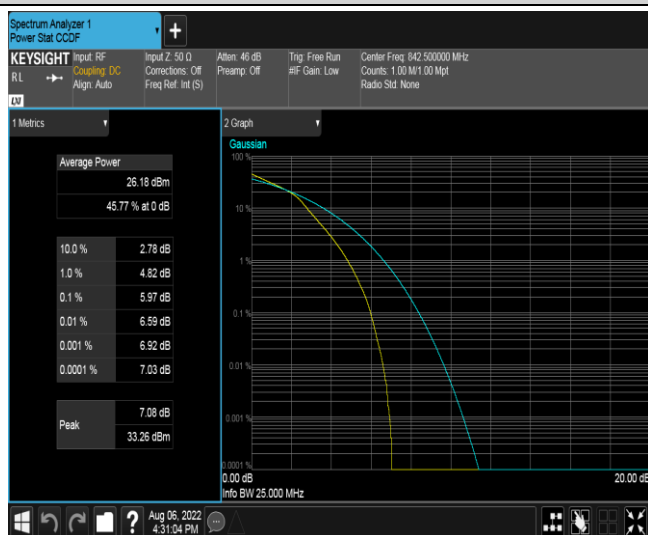


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Band19-5MHz-16QAM-24125-25RB#0



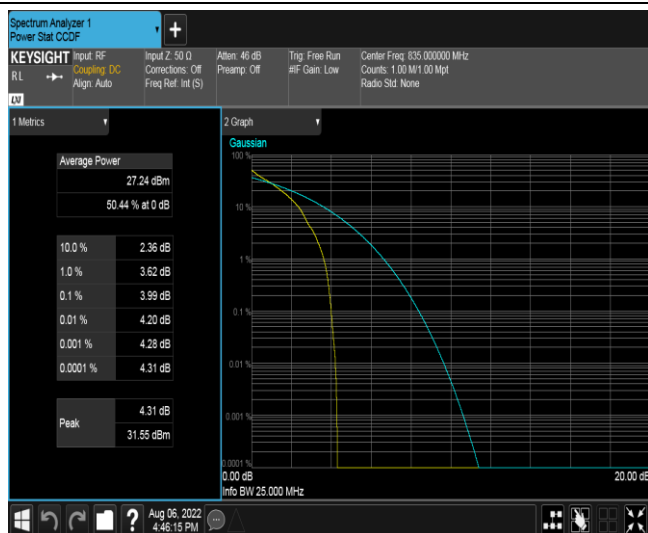
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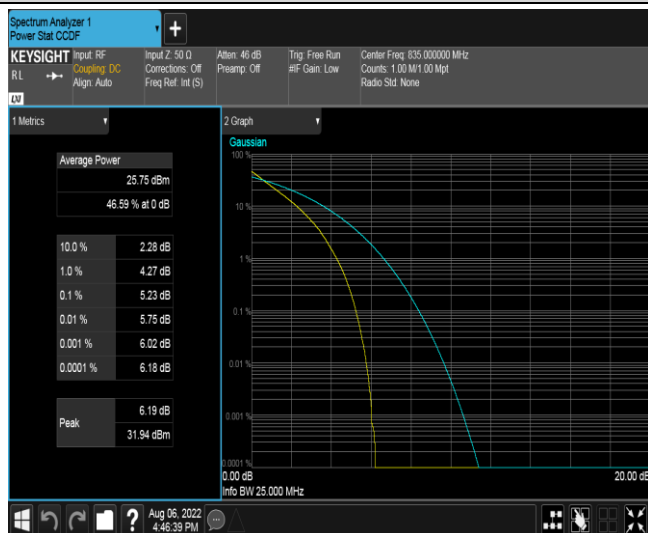
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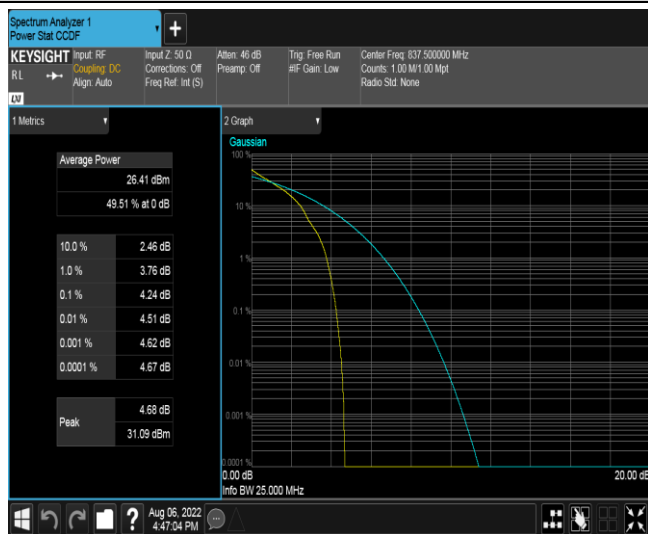
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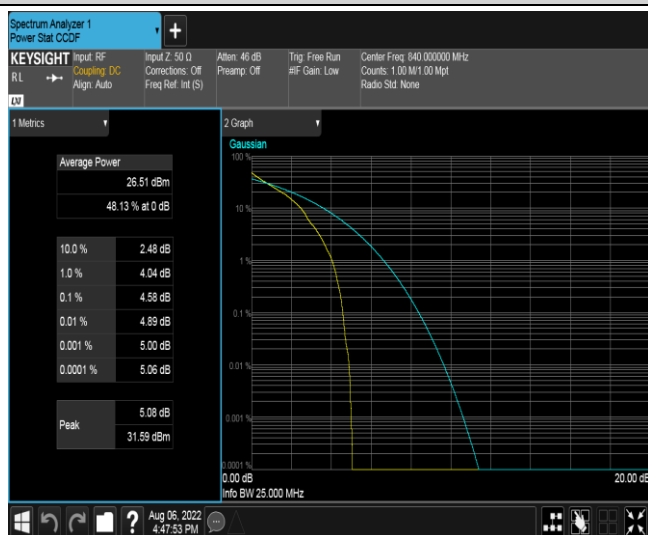


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Band19-10MHz-QPSK-24075-50RB#0

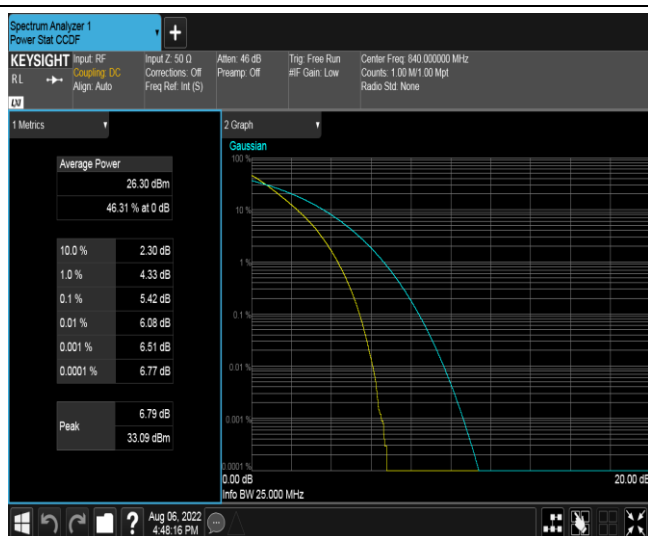


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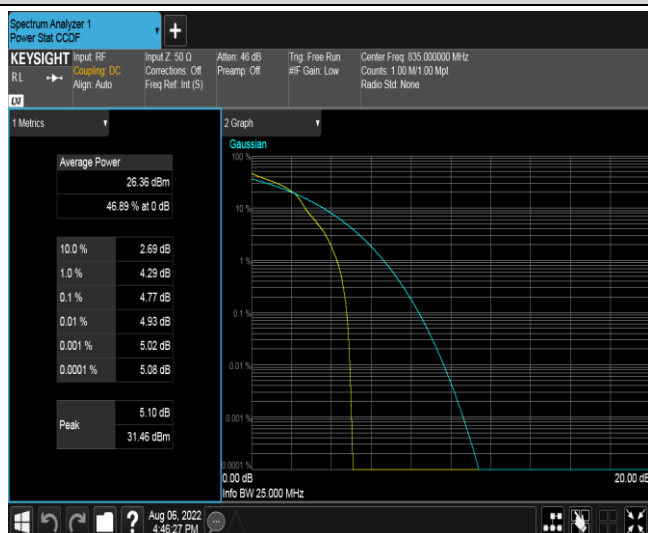


Band19-10MHz-QPSK-24100-50RB#0

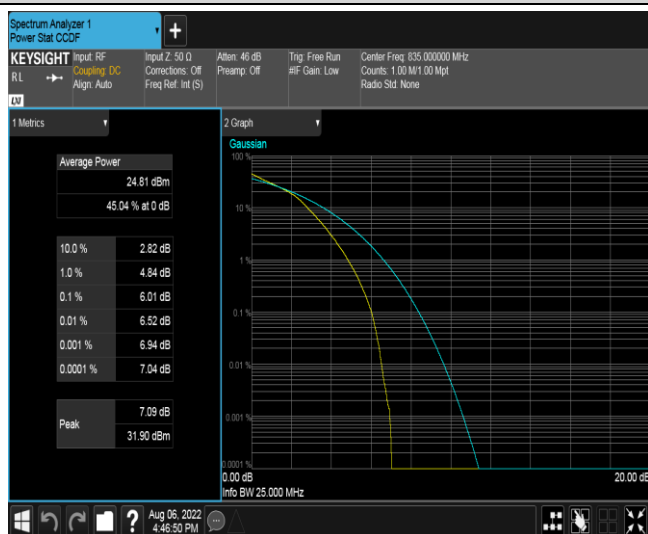
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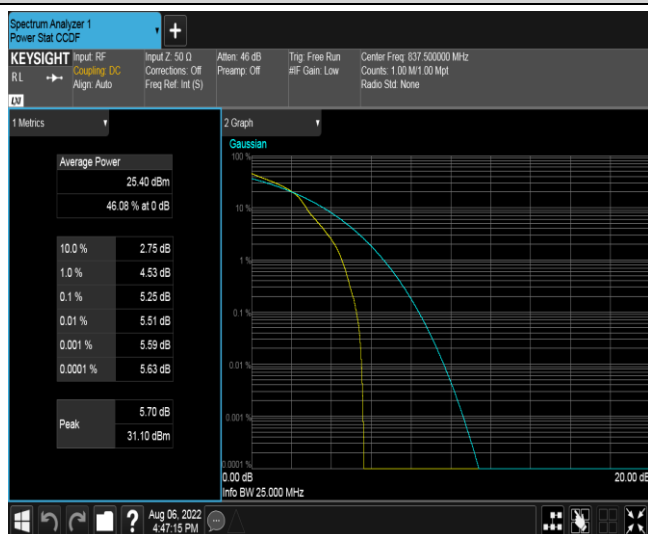


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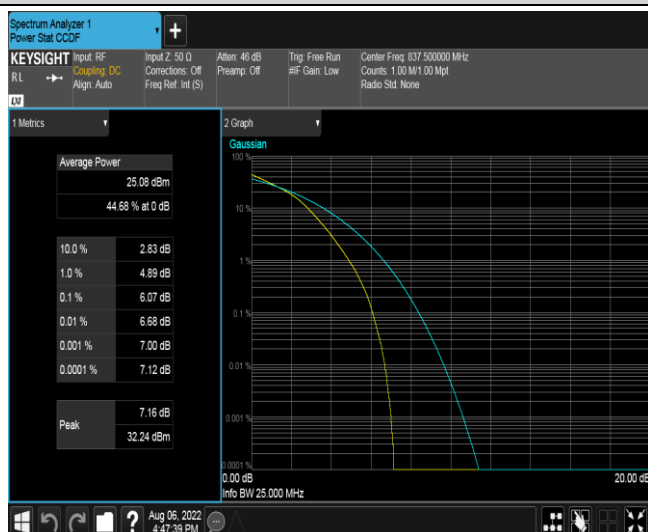


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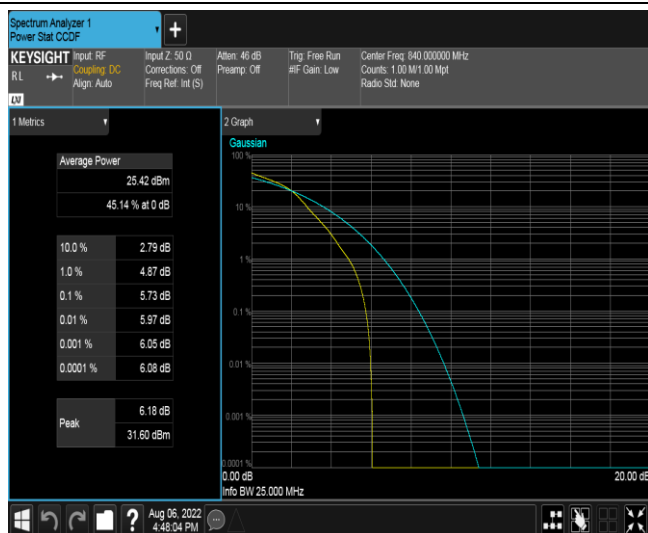
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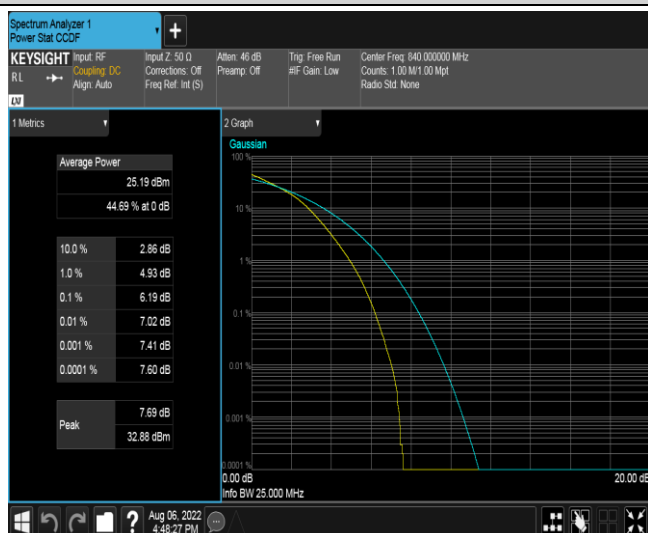
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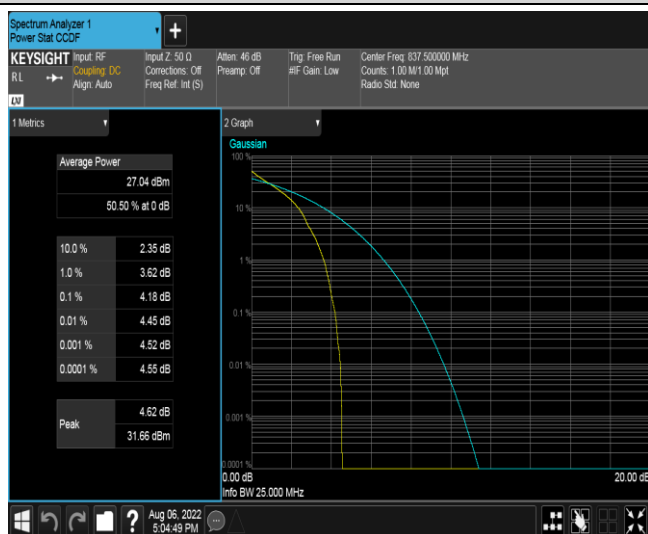
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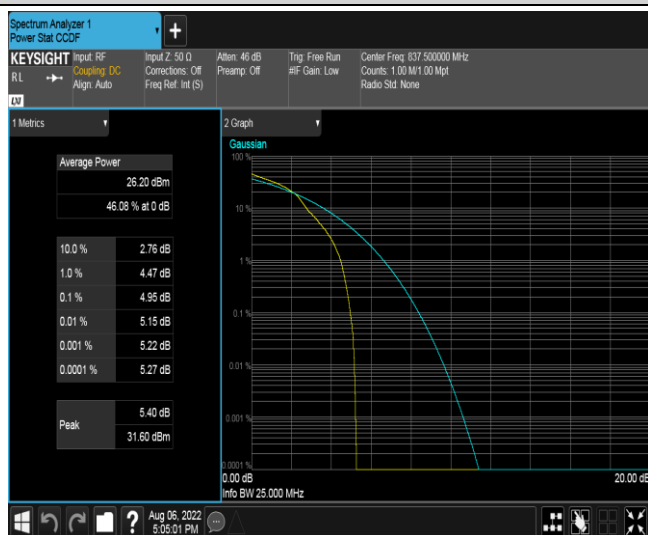


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Band19-15MHz-QPSK-24075-75RB#0



Band19-15MHz-16QAM-24075-1RB#0



Band19-15MHz-16QAM-24075-75RB#0

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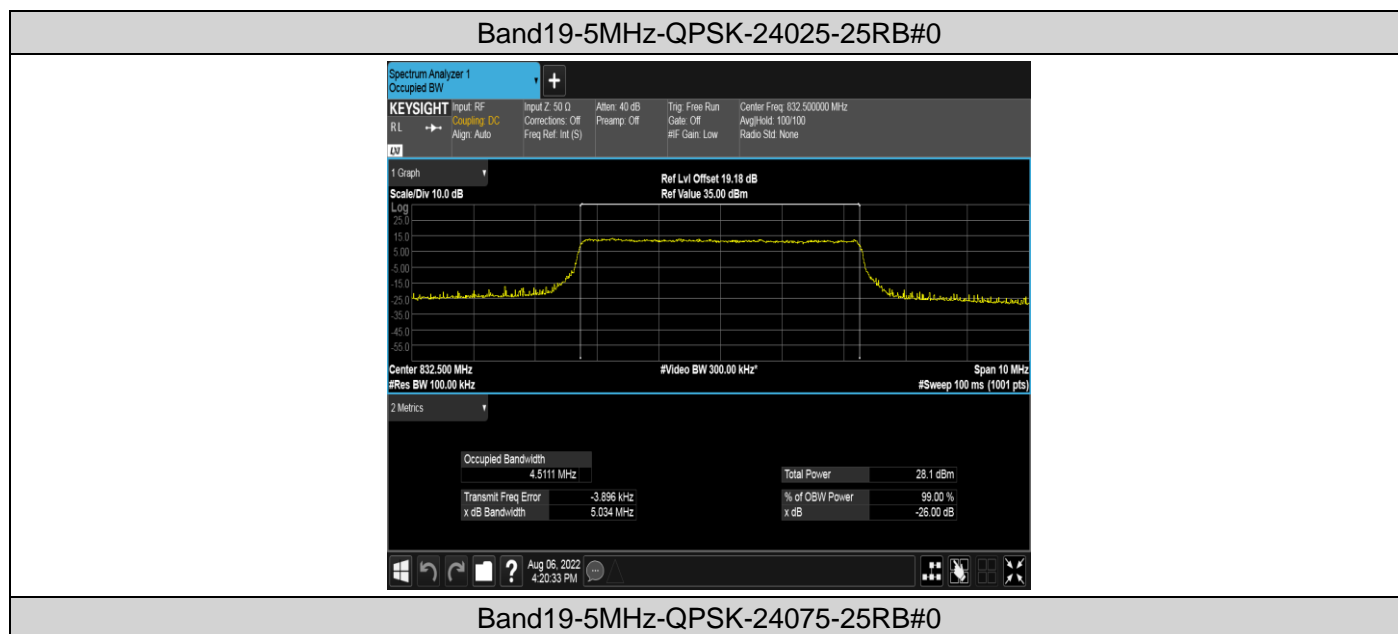
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Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	4.5111	5.034	PASS
Band19	5MHz	QPSK	24075	25RB#0	4.5100	4.951	PASS
Band19	5MHz	QPSK	24125	25RB#0	4.5001	4.984	PASS
Band19	5MHz	16QAM	24025	25RB#0	4.5071	5.060	PASS
Band19	5MHz	16QAM	24075	25RB#0	4.5129	4.942	PASS
Band19	5MHz	16QAM	24125	25RB#0	4.5042	4.932	PASS
Band19	10MHz	QPSK	24050	50RB#0	9.0079	9.570	PASS
Band19	10MHz	QPSK	24075	50RB#0	8.9862	9.547	PASS
Band19	10MHz	QPSK	24100	50RB#0	8.9861	9.575	PASS
Band19	10MHz	16QAM	24050	50RB#0	9.0120	9.573	PASS
Band19	10MHz	16QAM	24075	50RB#0	8.9890	9.553	PASS
Band19	10MHz	16QAM	24100	50RB#0	8.9684	9.569	PASS
Band19	15MHz	QPSK	24075	75RB#0	13.504	14.32	PASS
Band19	15MHz	16QAM	24075	75RB#0	13.496	14.27	PASS

Test Graphs

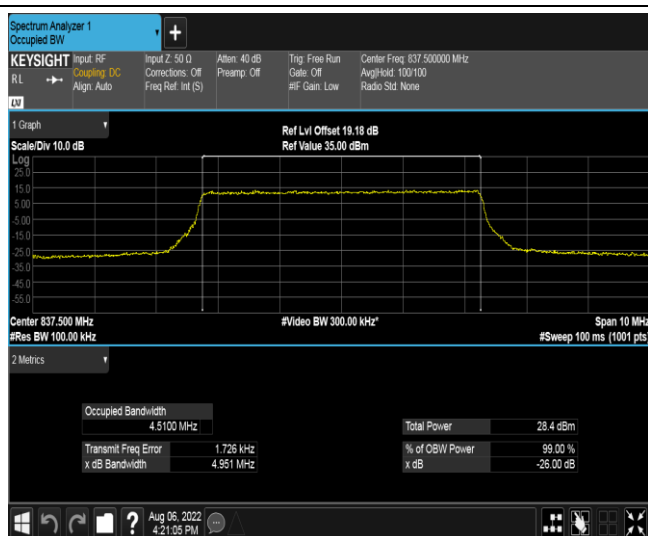


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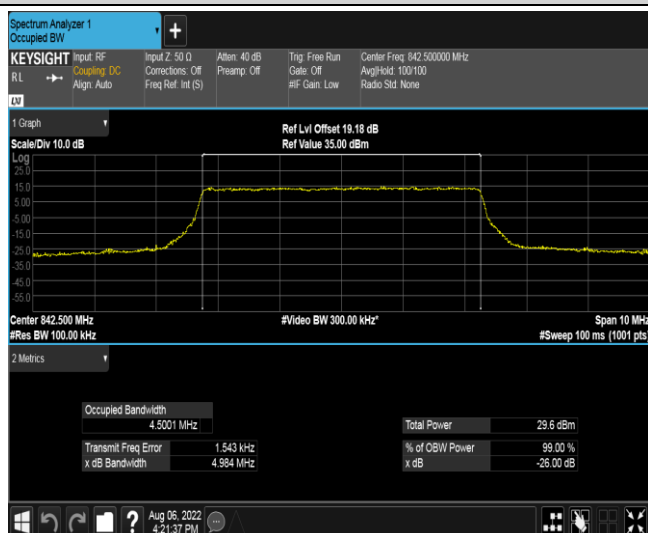
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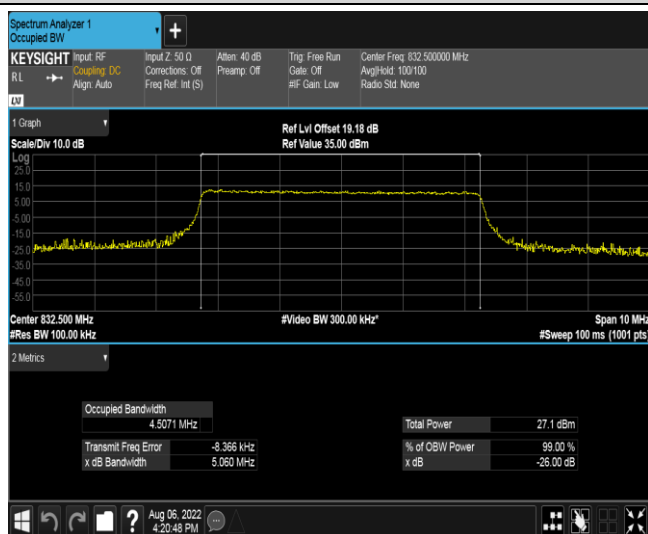
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Band19-5MHz-QPSK-24125-25RB#0



Band19-5MHz-16QAM-24025-25RB#0



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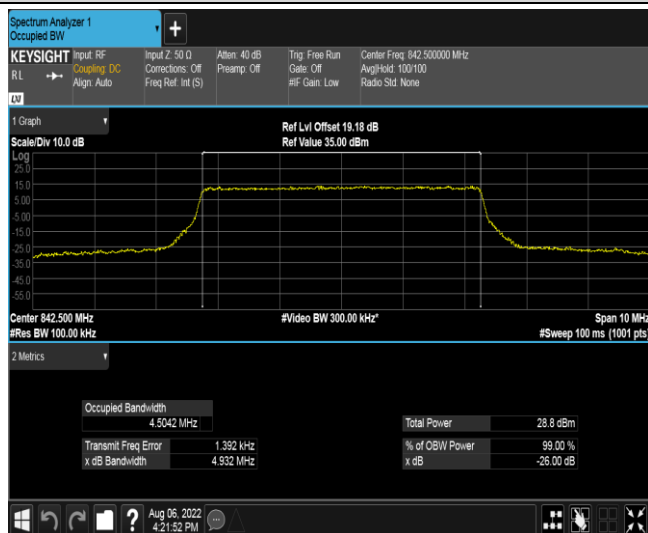
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Band19-5MHz-16QAM-24075-25RB#0



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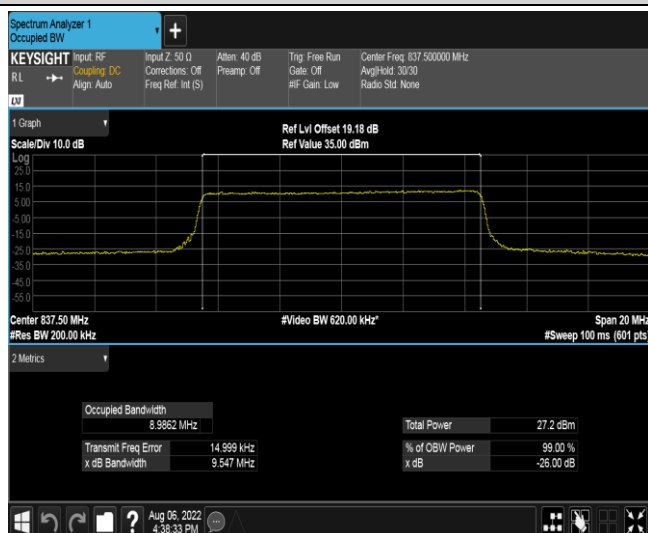


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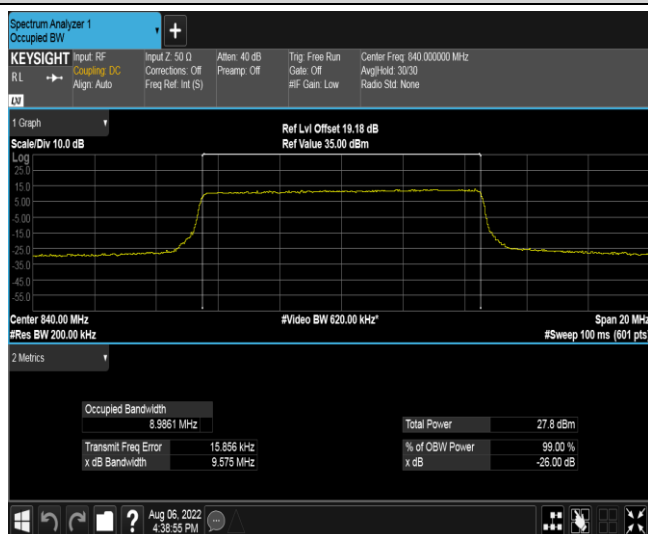
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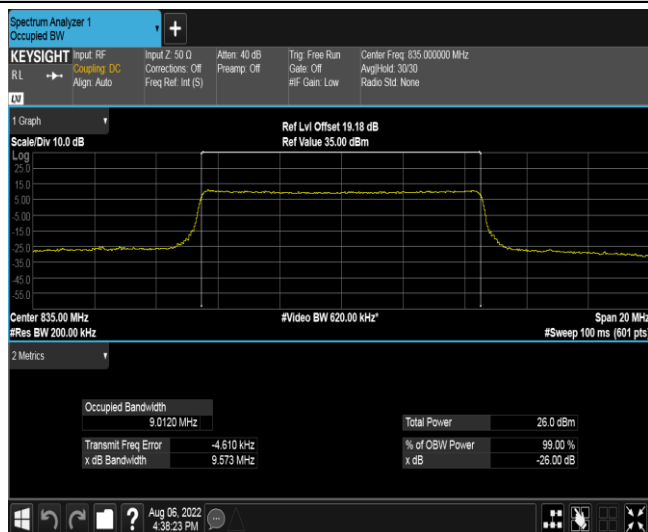


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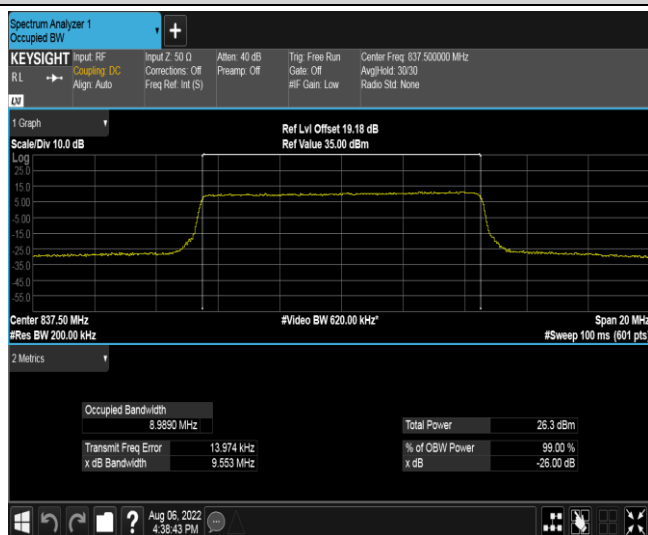


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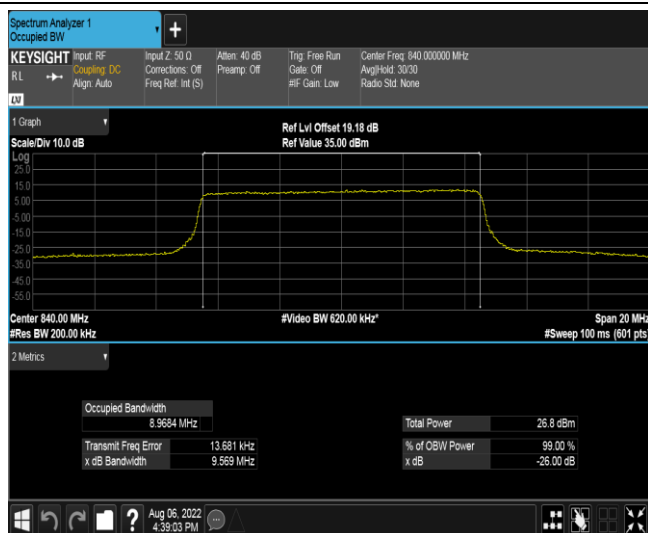


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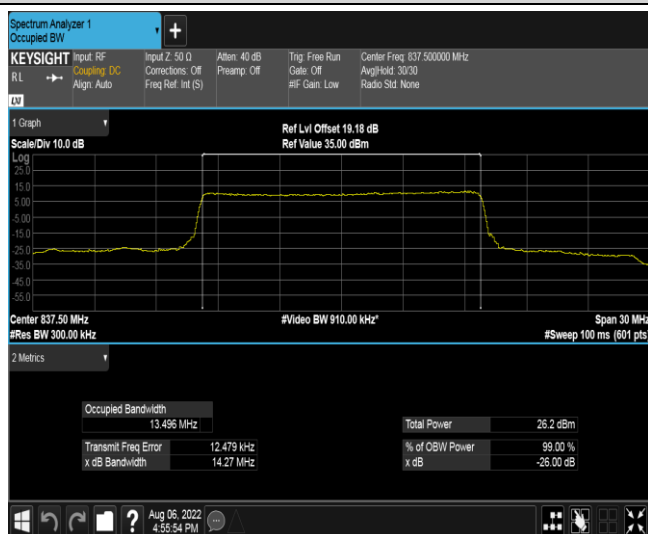
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Band19-15MHz-QPSK-24075-75RB#0



Band19-15MHz-16QAM-24075-75RB#0



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Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	-49.56,-13.56	PASS
Band19	5MHz	QPSK	24025	1RB#24	-40.33	PASS
Band19	5MHz	QPSK	24025	25RB#0	-37.62,-26.24	PASS
Band19	5MHz	QPSK	24125	1RB#0	-40.02	PASS
Band19	5MHz	QPSK	24125	1RB#24	-14.50,-51.05	PASS
Band19	5MHz	QPSK	24125	25RB#0	-25.79,-34.67	PASS
Band19	5MHz	16QAM	24025	1RB#0	-50.87,-16.25	PASS
Band19	5MHz	16QAM	24025	1RB#24	-40.09	PASS
Band19	5MHz	16QAM	24025	25RB#0	-40.10,-25.60	PASS
Band19	5MHz	16QAM	24125	1RB#0	-39.77	PASS
Band19	5MHz	16QAM	24125	1RB#24	-17.12,-51.21	PASS
Band19	5MHz	16QAM	24125	25RB#0	-26.99,-37.43	PASS
Band19	10MHz	QPSK	24050	1RB#0	-15.61	PASS
Band19	10MHz	QPSK	24050	1RB#49	-37.17	PASS
Band19	10MHz	QPSK	24050	50RB#0	-29.12	PASS
Band19	10MHz	QPSK	24100	1RB#0	-38.09	PASS
Band19	10MHz	QPSK	24100	1RB#49	-13.77	PASS
Band19	10MHz	QPSK	24100	50RB#0	-29.31	PASS
Band19	10MHz	16QAM	24050	1RB#0	-15.52	PASS
Band19	10MHz	16QAM	24050	1RB#49	-37.66	PASS
Band19	10MHz	16QAM	24050	50RB#0	-29.29	PASS
Band19	10MHz	16QAM	24100	1RB#0	-38.18	PASS
Band19	10MHz	16QAM	24100	1RB#49	-14.95	PASS
Band19	10MHz	16QAM	24100	50RB#0	-29.69	PASS
Band19	15MHz	QPSK	24075	1RB#0	-41.13,-20.25	PASS
Band19	15MHz	QPSK	24075	1RB#74	-13.43,-47.28	PASS
Band19	15MHz	QPSK	24075	75RB#0	-29.25,-21.76,-22.05,-26.37	PASS
Band19	15MHz	16QAM	24075	1RB#0	-42.64,-19.11	PASS
Band19	15MHz	16QAM	24075	1RB#74	-13.38,-46.96	PASS
Band19	15MHz	16QAM	24075	75RB#0	-32.38,-26.10,-24.27,-30.48	PASS

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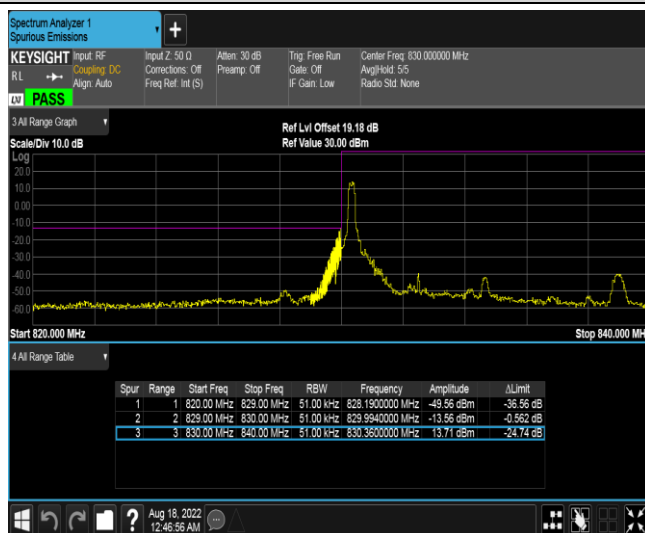
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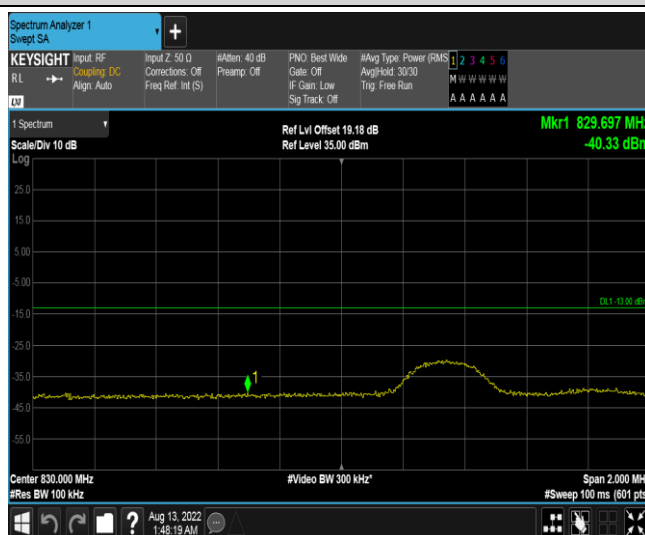
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Test Graphs

Band19-5MHz-QPSK-24025-1RB#0



Band19-5MHz-QPSK-24025-1RB#24



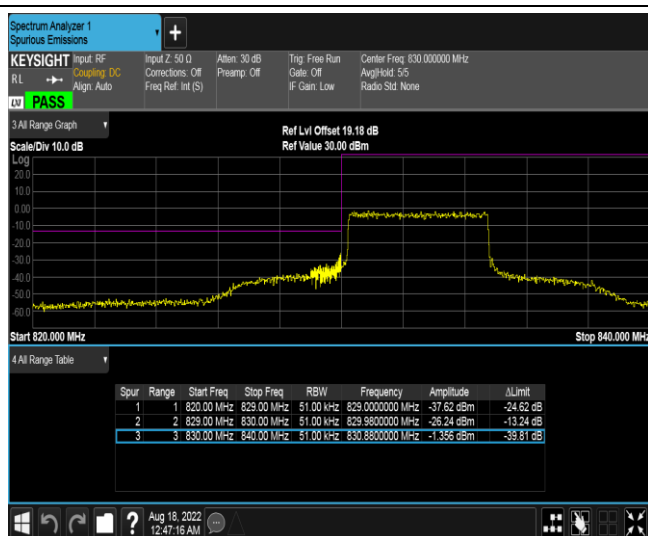
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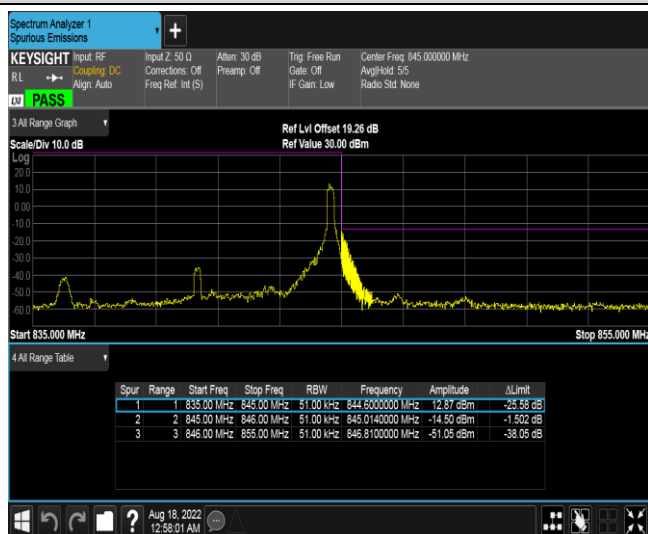
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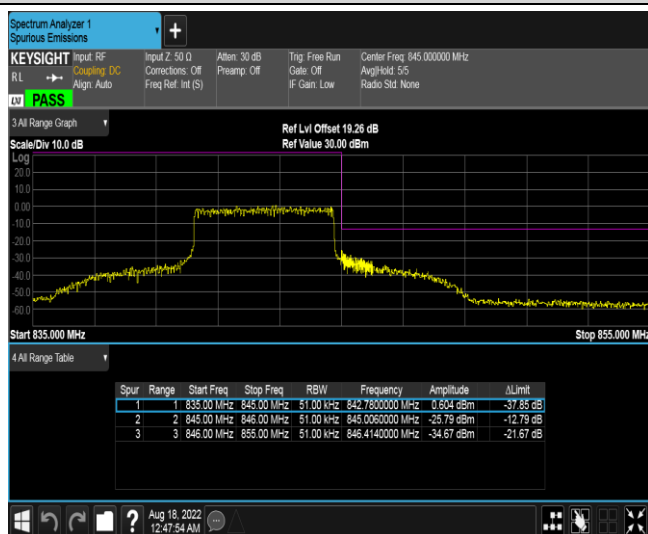


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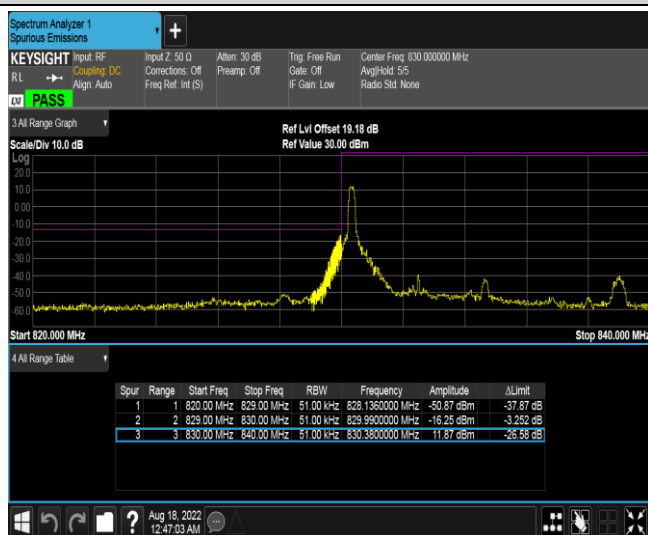


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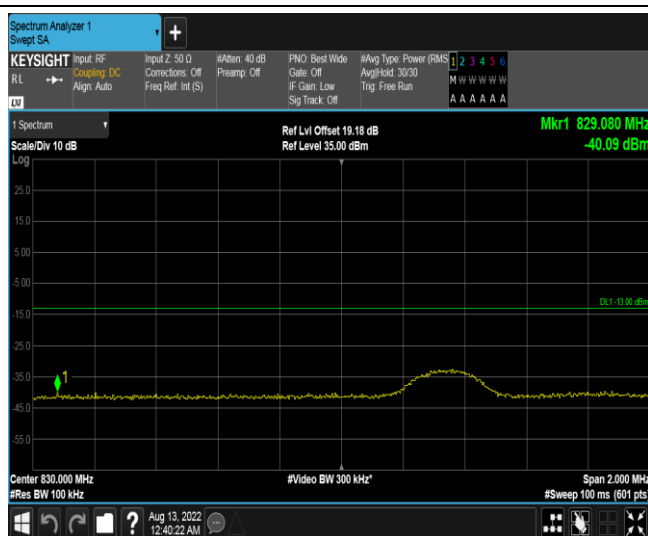


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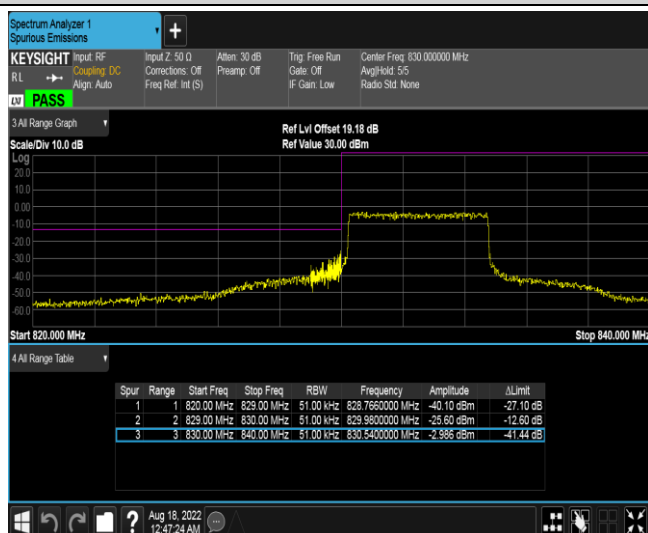


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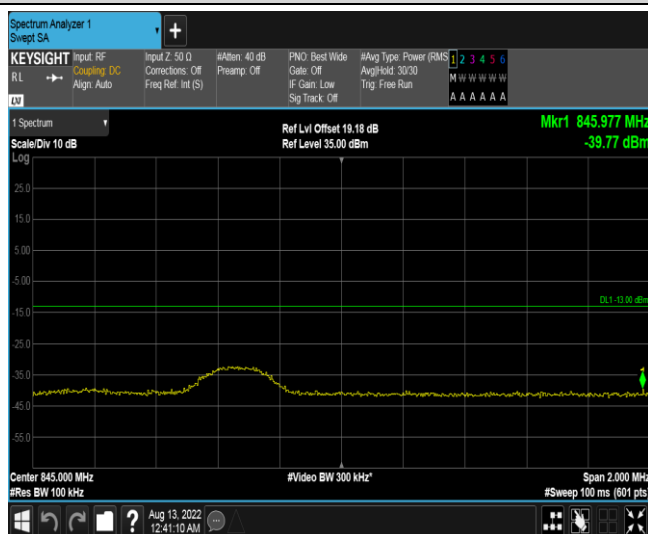
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Band19-5MHz-16QAM-24025-25RB#0



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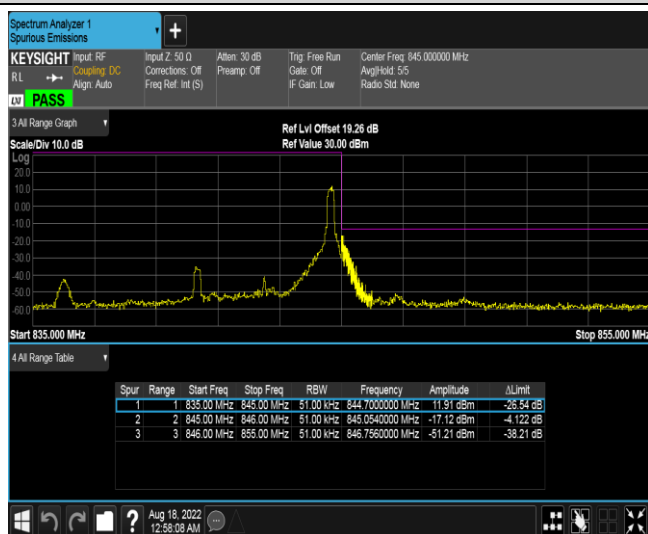
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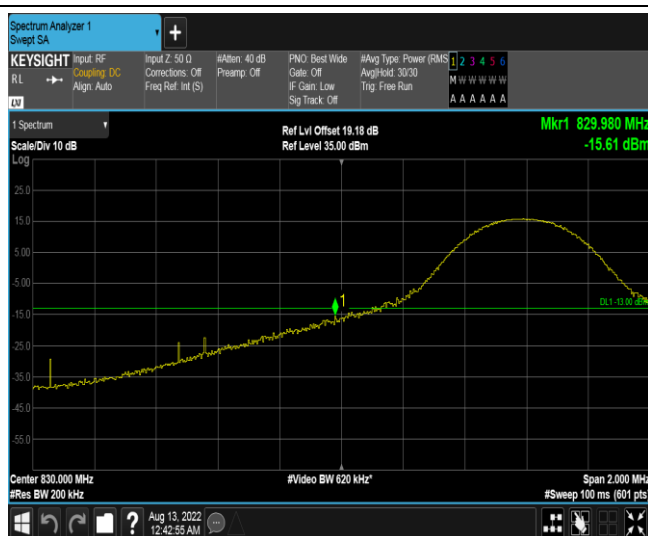
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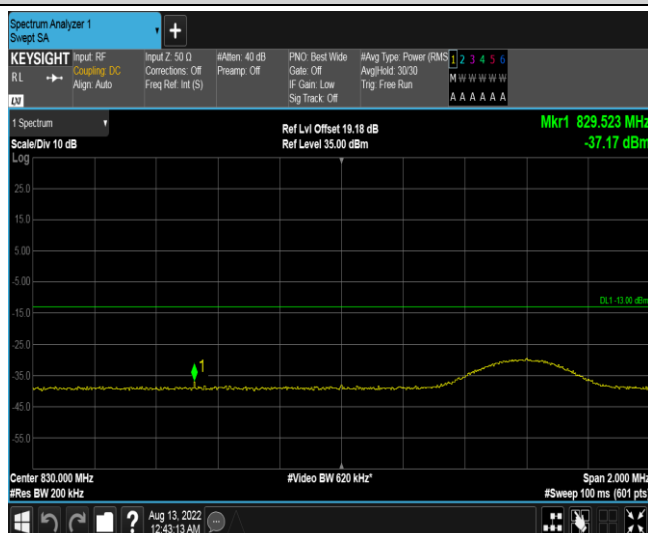
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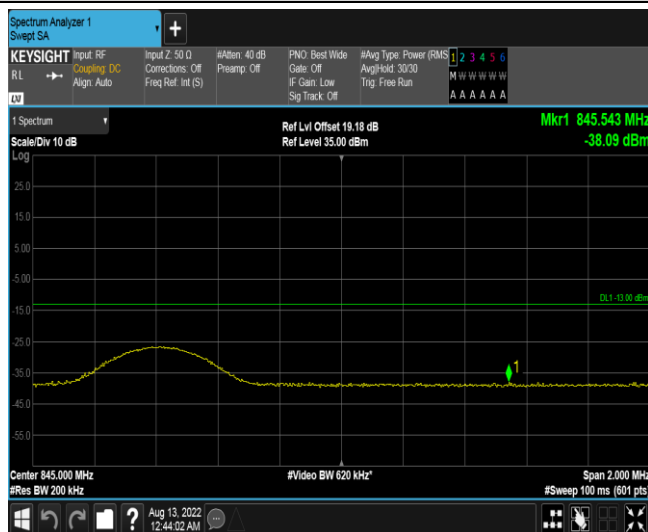


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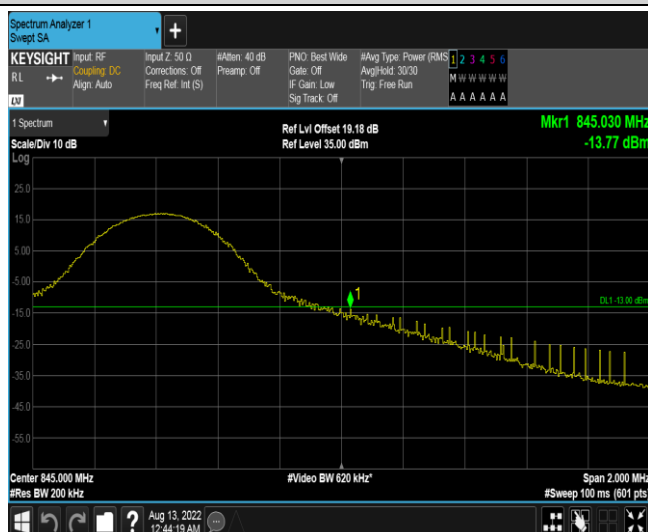


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Band19-10MHz-QPSK-24100-1RB#0



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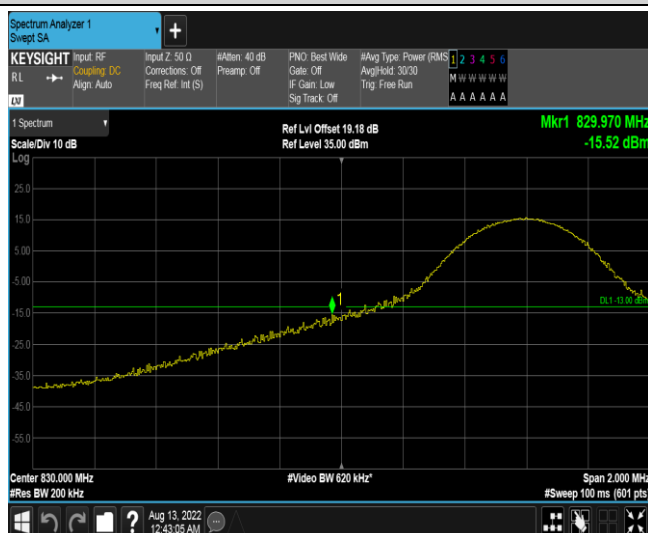


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Band19-10MHz-16QAM-24050-1RB#0



Band19-10MHz-16QAM-24050-1RB#49



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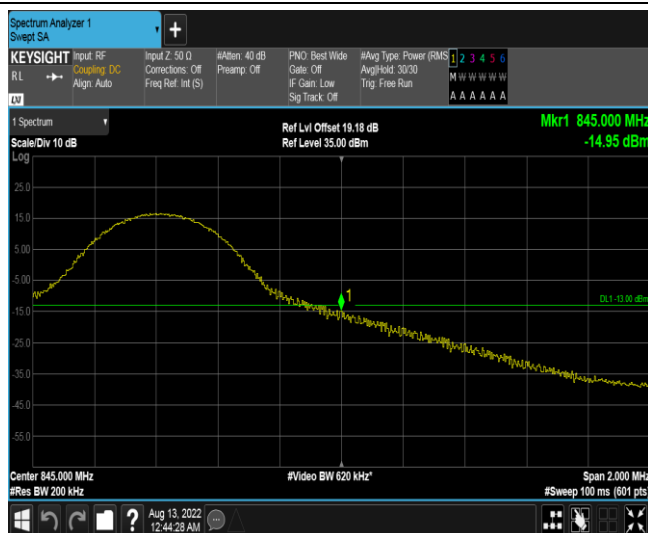


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Band19-10MHz-16QAM-24100-1RB#49

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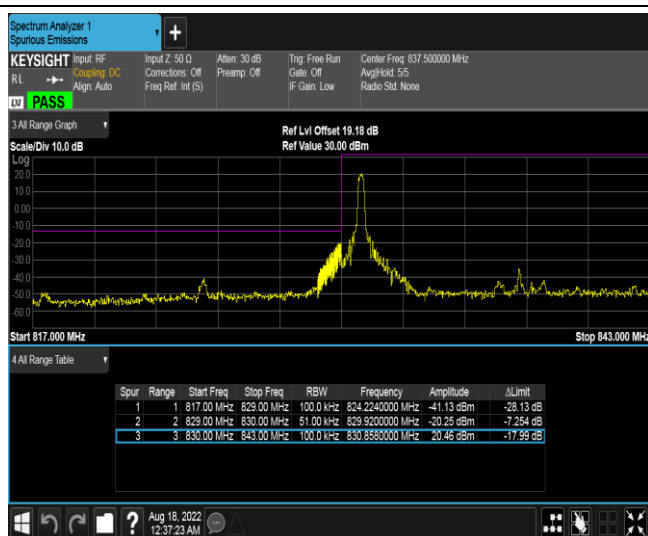
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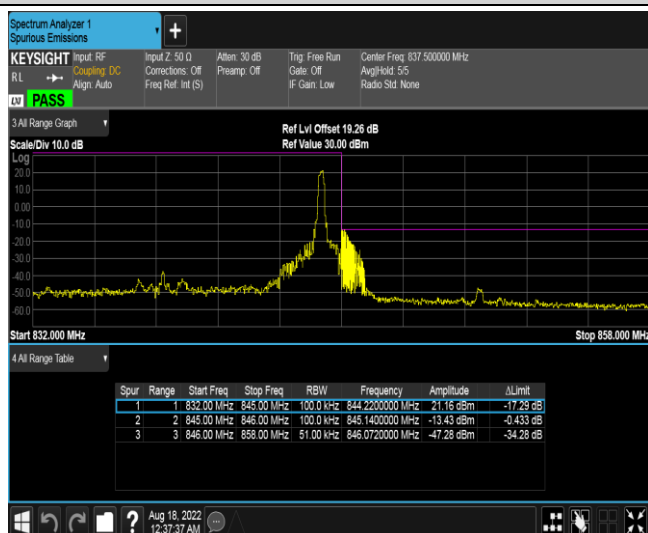
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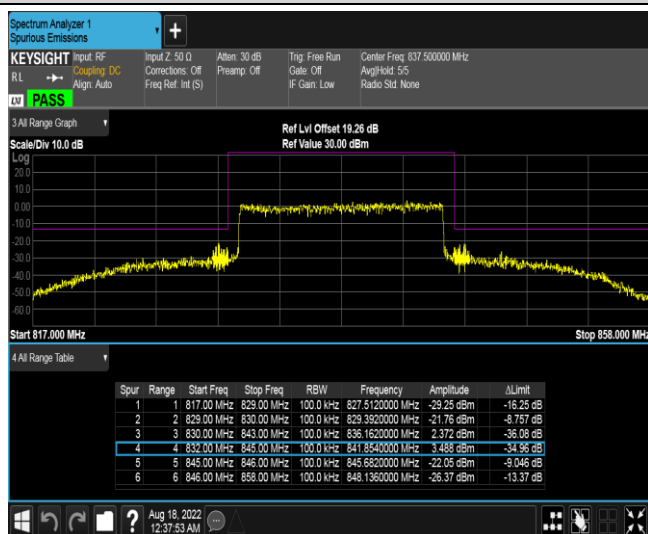
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Band19-15MHz-QPSK-24075-1RB#74

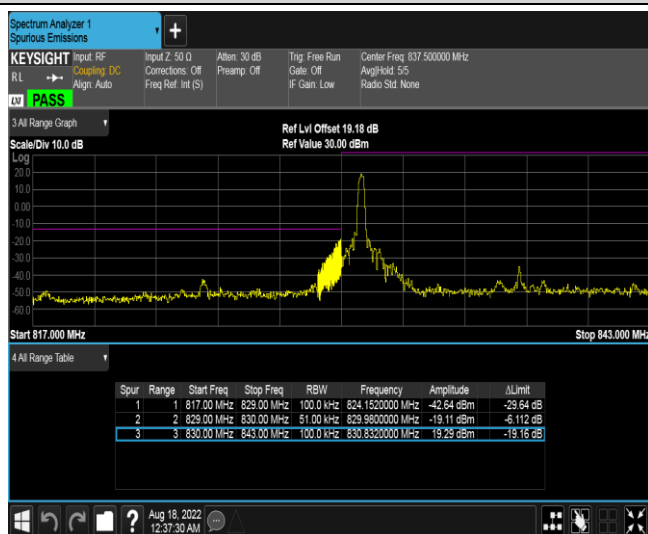


Band19-15MHz-QPSK-24075-75RB#0

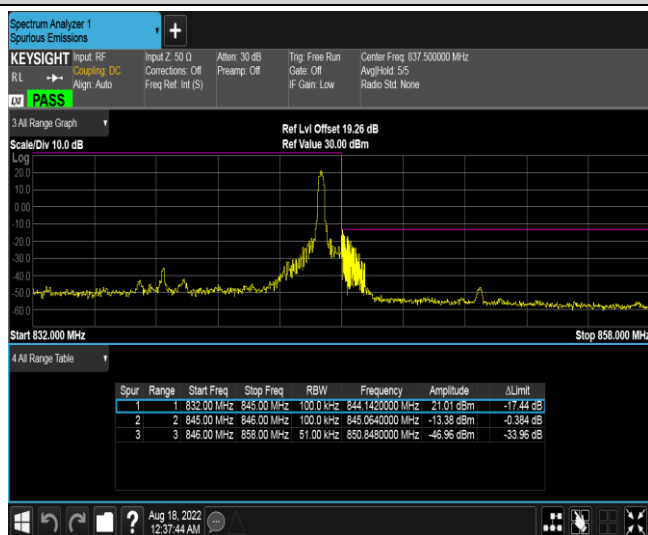


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Band19-15MHz-16QAM-24075-1RB#0

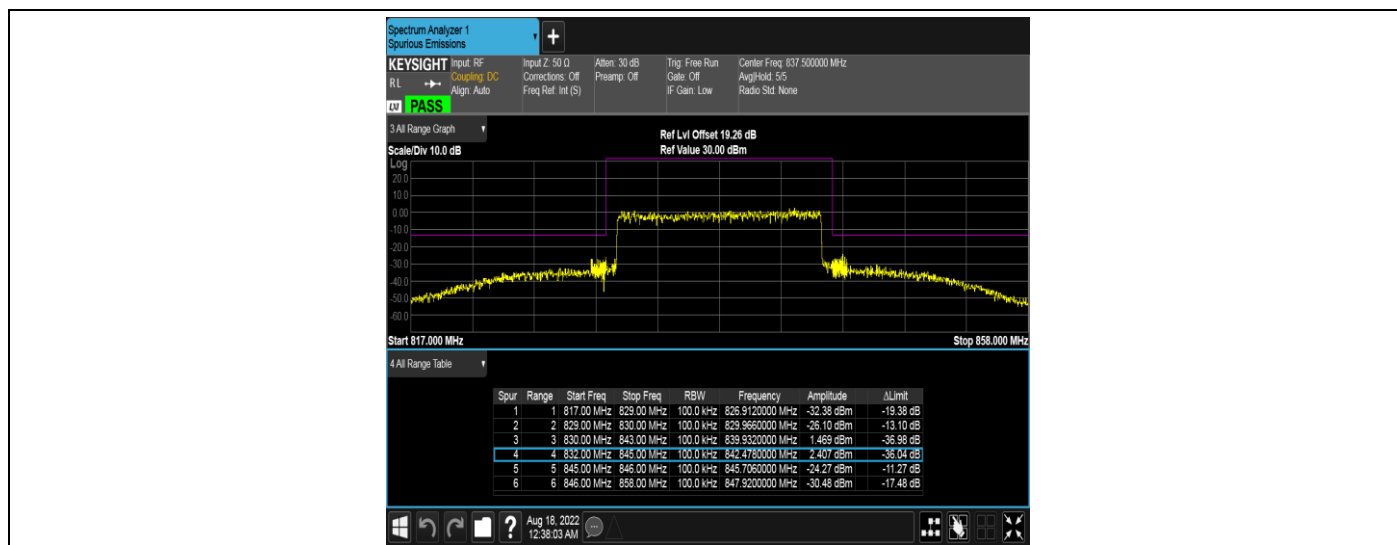


Band19-15MHz-16QAM-24075-1RB#74



Band19-15MHz-16QAM-24075-75RB#0

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Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	Range1:30~1000MHz	-31.92	PASS
Band19	5MHz	QPSK	24025	1RB#0	Range2:1000~10000MHz	-29.58	PASS
Band19	5MHz	QPSK	24075	1RB#0	Range1:30~1000MHz	-31.05	PASS
Band19	5MHz	QPSK	24075	1RB#0	Range2:1000~10000MHz	-31.53	PASS
Band19	5MHz	QPSK	24125	1RB#0	Range1:30~1000MHz	-31.55	PASS
Band19	5MHz	QPSK	24125	1RB#0	Range2:1000~10000MHz	-31.37	PASS
Band19	5MHz	16QAM	24025	1RB#0	Range1:30~1000MHz	-31.94	PASS
Band19	5MHz	16QAM	24025	1RB#0	Range2:1000~10000MHz	-31.42	PASS
Band19	5MHz	16QAM	24075	1RB#0	Range1:30~1000MHz	-31.28	PASS
Band19	5MHz	16QAM	24075	1RB#0	Range2:1000~10000MHz	-30.41	PASS
Band19	5MHz	16QAM	24125	1RB#0	Range1:30~1000MHz	-31.41	PASS
Band19	5MHz	16QAM	24125	1RB#0	Range2:1000~10000MHz	-30.95	PASS
Band19	10MHz	QPSK	24050	1RB#0	Range1:30~1000MHz	-31.23	PASS
Band19	10MHz	QPSK	24050	1RB#0	Range2:1000~10000MHz	-31.32	PASS
Band19	10MHz	QPSK	24075	1RB#0	Range1:30~1000MHz	-31.83	PASS
Band19	10MHz	QPSK	24075	1RB#0	Range2:1000~10000MHz	-31.47	PASS
Band19	10MHz	QPSK	24100	1RB#0	Range1:30~1000MHz	-31.25	PASS
Band19	10MHz	QPSK	24100	1RB#0	Range2:1000~10000MHz	-30.65	PASS
Band19	10MHz	16QAM	24050	1RB#0	Range1:30~1000MHz	-31.66	PASS
Band19	10MHz	16QAM	24050	1RB#0	Range2:1000~10000MHz	-31.47	PASS
Band19	10MHz	16QAM	24075	1RB#0	Range1:30~1000MHz	-31.83	PASS
Band19	10MHz	16QAM	24075	1RB#0	Range2:1000~10000MHz	-31.28	PASS
Band19	10MHz	16QAM	24100	1RB#0	Range1:30~1000MHz	-30.42	PASS
Band19	10MHz	16QAM	24100	1RB#0	Range2:1000~10000MHz	-31.47	PASS
Band19	15MHz	QPSK	24075	1RB#0	Range1:30~1000MHz	-31.35	PASS
Band19	15MHz	QPSK	24075	1RB#0	Range2:1000~10000MHz	-30.8	PASS
Band19	15MHz	16QAM	24075	1RB#0	Range1:30~1000MHz	-31.61	PASS
Band19	15MHz	16QAM	24075	1RB#0	Range2:1000~10000MHz	-31.14	PASS

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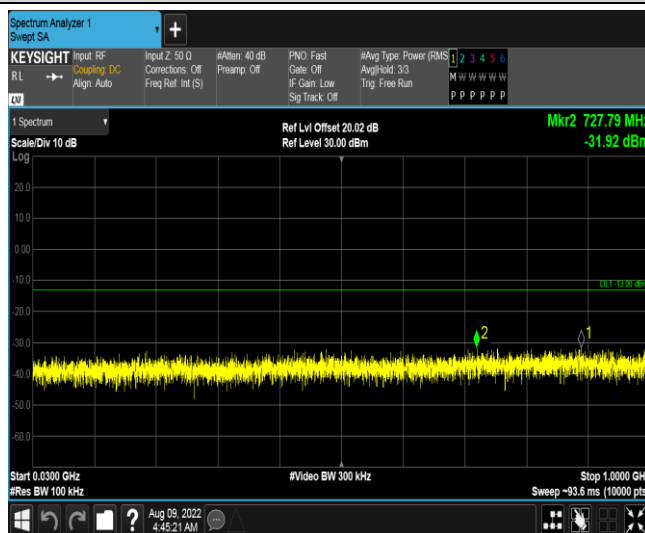
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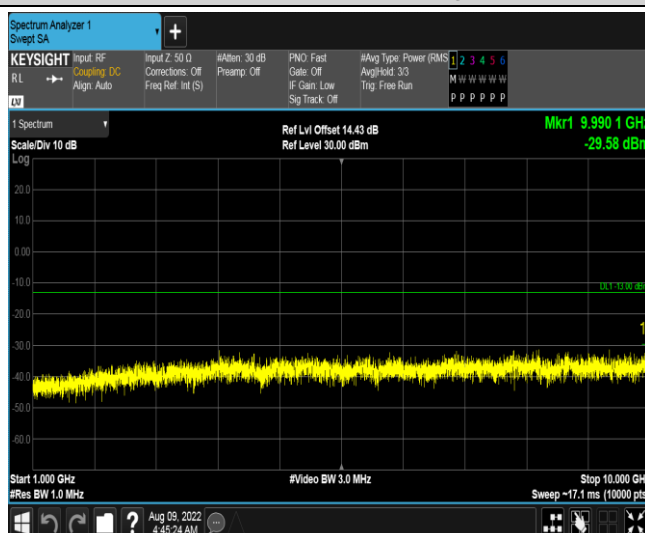
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Test Graphs

Band19-5MHz-QPSK-24025-1RB#0-Range1:30~1000MHz



Band19-5MHz-QPSK-24025-1RB#0-Range2:1000~10000MHz



Band19-5MHz-QPSK-24075-1RB#0-Range1:30~1000MHz

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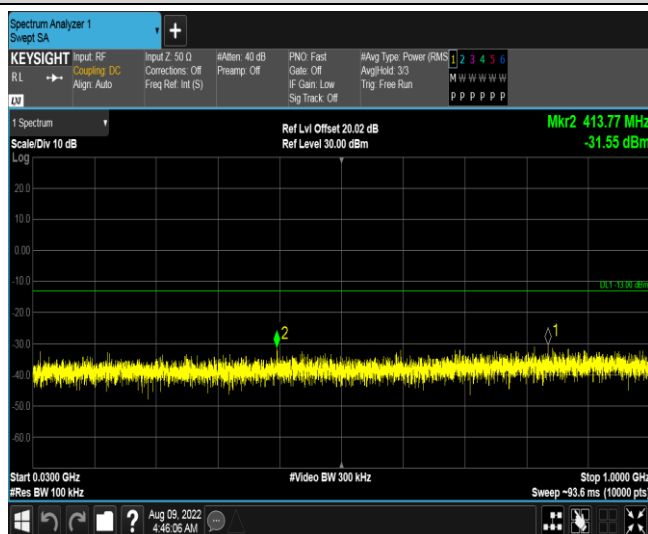
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Band19-5MHz-QPSK-24075-1RB#0-Range2:1000~10000MHz



Band19-5MHz-QPSK-24125-1RB#0-Range1:30~1000MHz



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