



Band5-1.4MHz-16QAM-20643-1RB#0



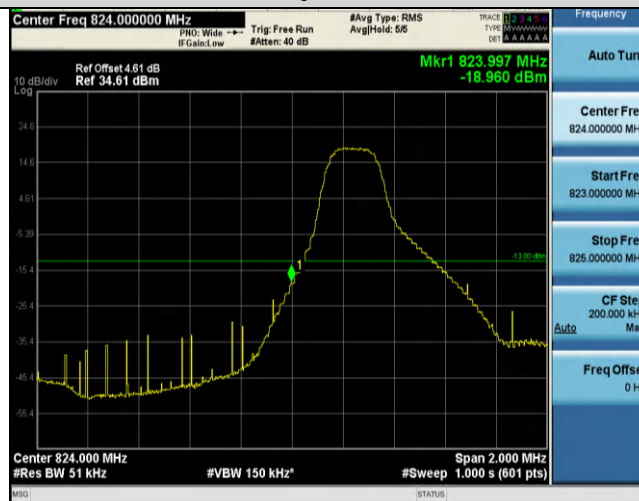
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Band5-1.4MHz-16QAM-20643-6RB#0



Band5-3MHz-QPSK-20415-1RB#0



Band5-3MHz-QPSK-20415-1RB#14



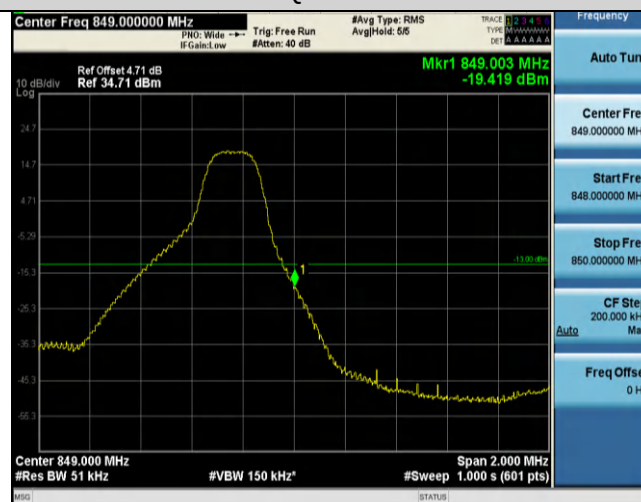
Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20635-1RB#0



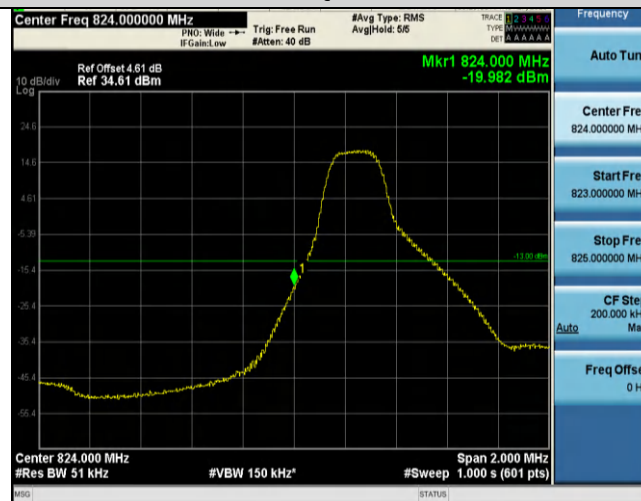
Band5-3MHz-QPSK-20635-1RB#14



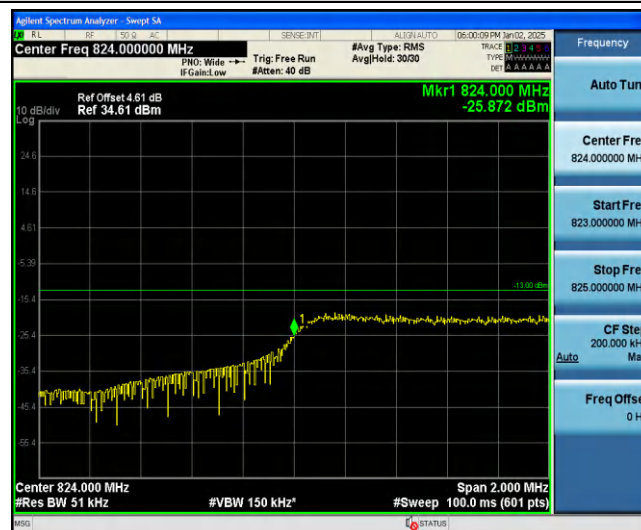
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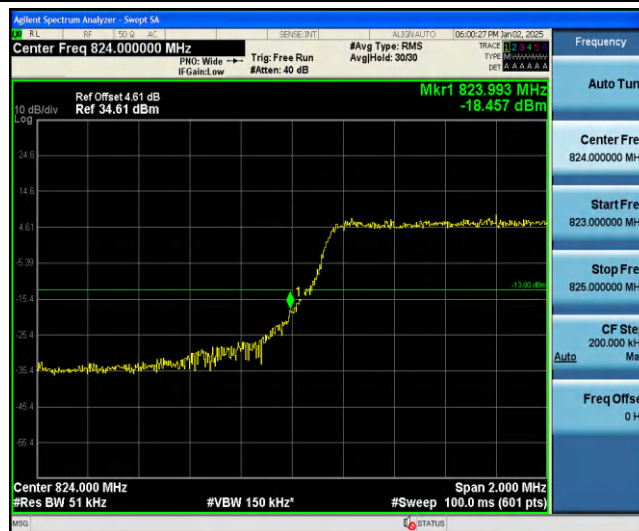
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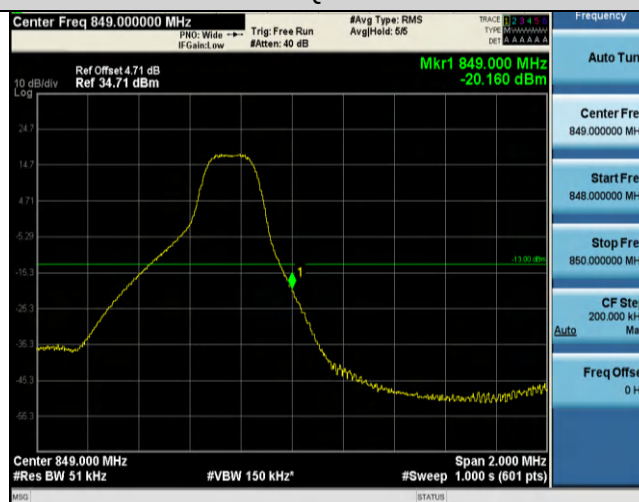
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Band5-3MHz-16QAM-20635-1RB#0



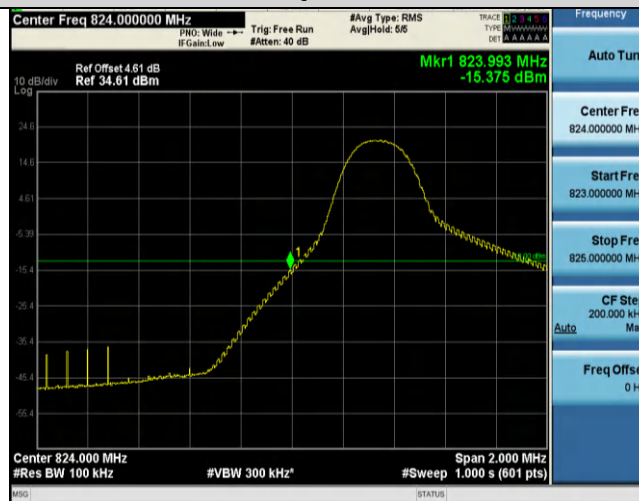
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Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-1RB#24



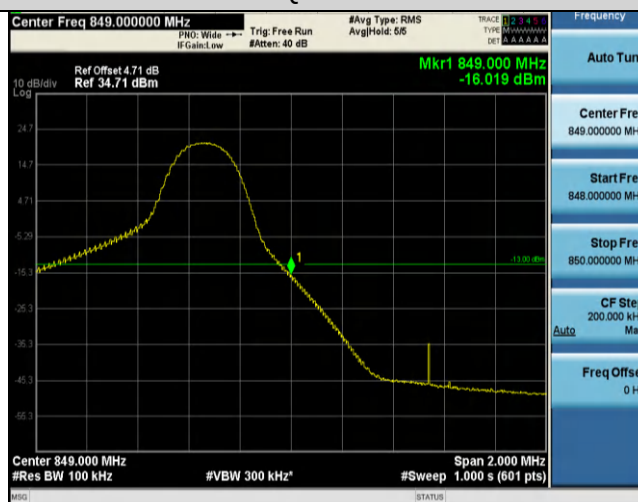
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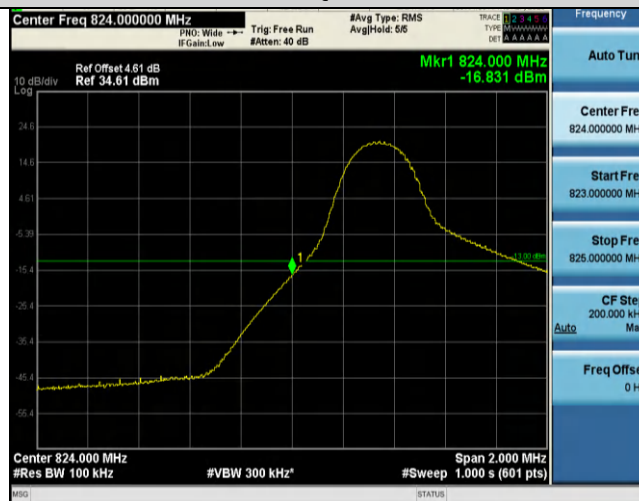
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Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-1RB#0



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Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20625-1RB#0



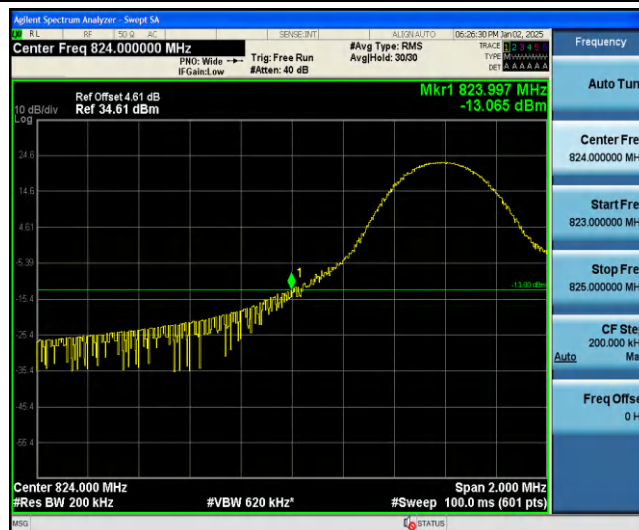
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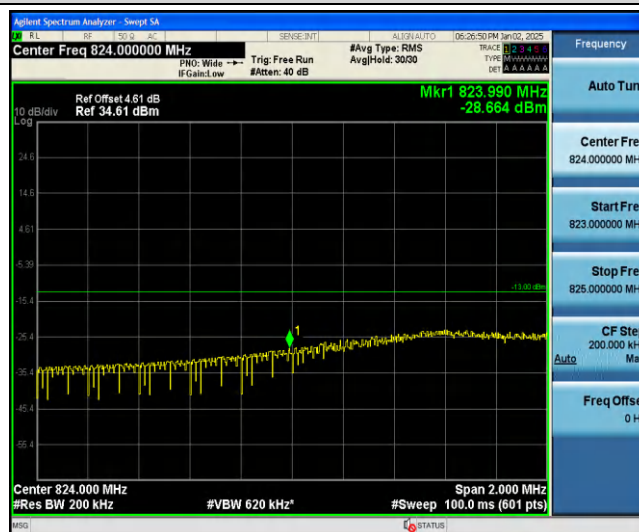
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Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-1RB#49



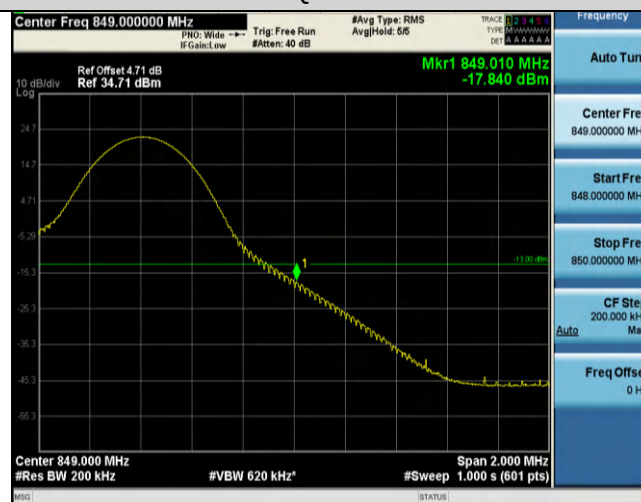
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Band5-10MHz-QPSK-20600-1RB#0



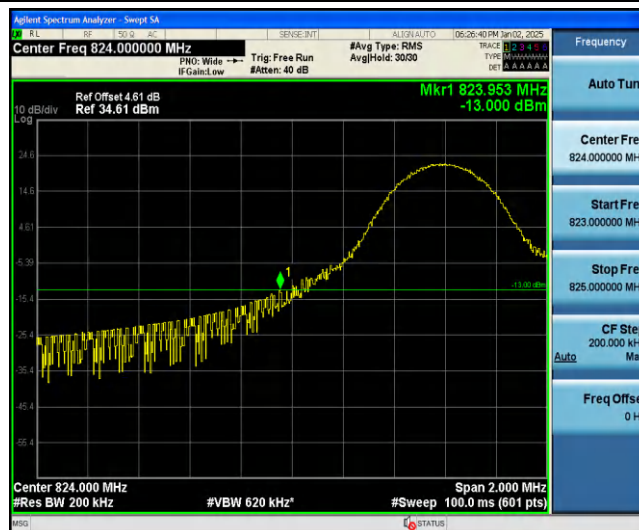
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Band5-10MHz-16QAM-20450-1RB#0



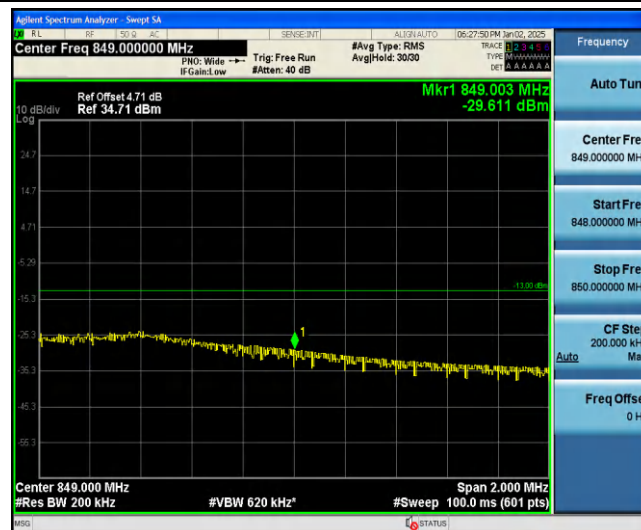
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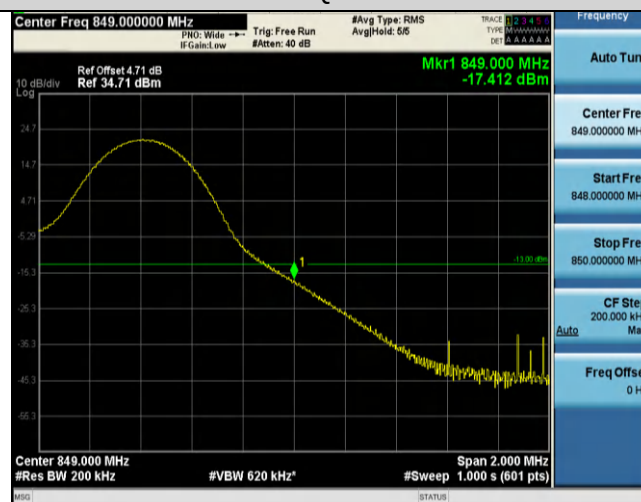
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Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-1RB#49



Band5-10MHz-16QAM-20600-50RB#0



Appendix E: Conducted Spurious Emission

Test Result

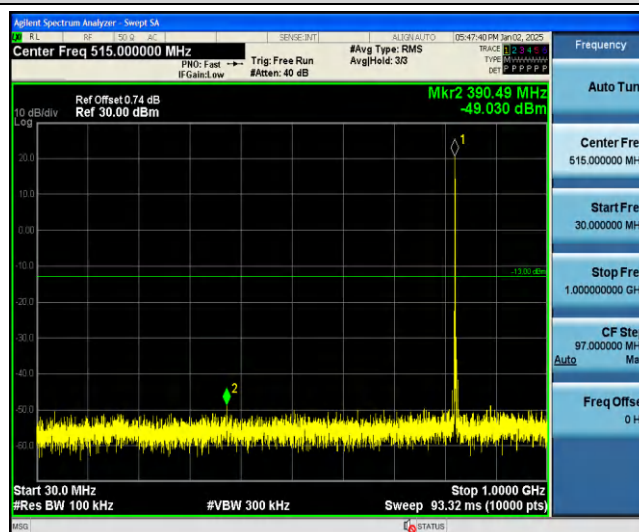
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band 5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-49.03	PASS
Band 5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-40.7	PASS
Band 5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-49.43	PASS
Band 5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-40.05	PASS
Band 5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-49.94	PASS
Band 5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-43.23	PASS
Band 5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-49.1	PASS
Band 5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-43.18	PASS
Band 5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-48.97	PASS
Band 5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.97	PASS
Band 5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-49.28	PASS
Band 5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-44.25	PASS
Band 5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-49.55	PASS
Band 5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-44.57	PASS
Band 5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-49.84	PASS
Band 5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-40.48	PASS
Band 5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-49.52	PASS
Band 5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-43.8	PASS

5					Hz	8	S
Band 5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-48.83	PAS S
Band 5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-42.39	PAS S
Band 5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-49.02	PAS S
Band 5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-42.45	PAS S
Band 5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-49.49	PAS S
Band 5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-44.58	PAS S
Band 5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-48.99	PAS S
Band 5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-43.91	PAS S
Band 5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-49.49	PAS S
Band 5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-44.55	PAS S
Band 5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-48.94	PAS S
Band 5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-43.36	PAS S
Band 5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-49.25	PAS S
Band 5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-44.61	PAS S
Band 5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-48.2	PAS S
Band 5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-43.68	PAS S
Band 5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-49.06	PAS S
Band 5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-44.57	PAS S
Band 5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-49.92	PAS S
Band 5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-43.43	PAS S
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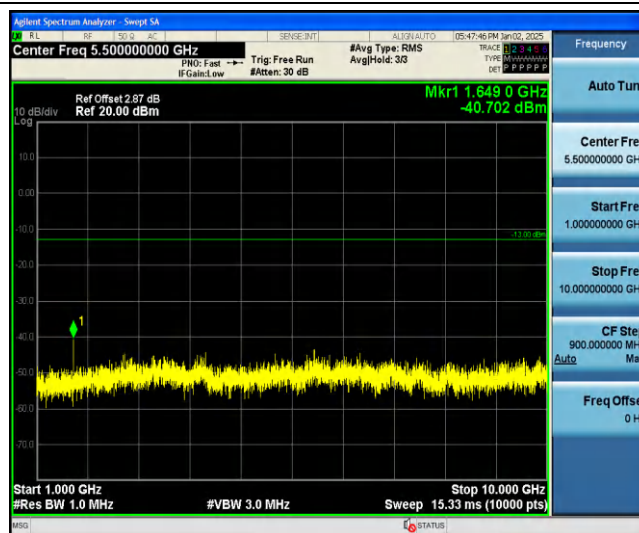
Band 5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000M Hz	-39.18	PAS S
Band 5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-49.41	PAS S
Band 5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000M Hz	-40.56	PAS S
Band 5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-50	PAS S
Band 5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000M Hz	-44.1	PAS S
Band 5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-48.92	PAS S
Band 5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000M Hz	-43.42	PAS S
Band 5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-49.53	PAS S
Band 5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000M Hz	-42.98	PAS S

Test Graphs

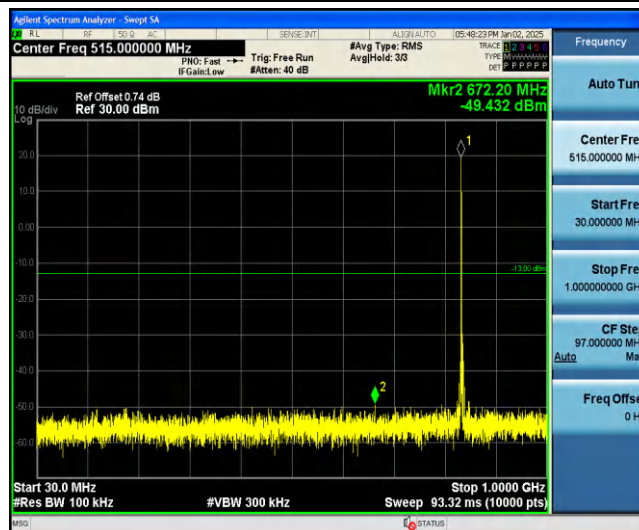
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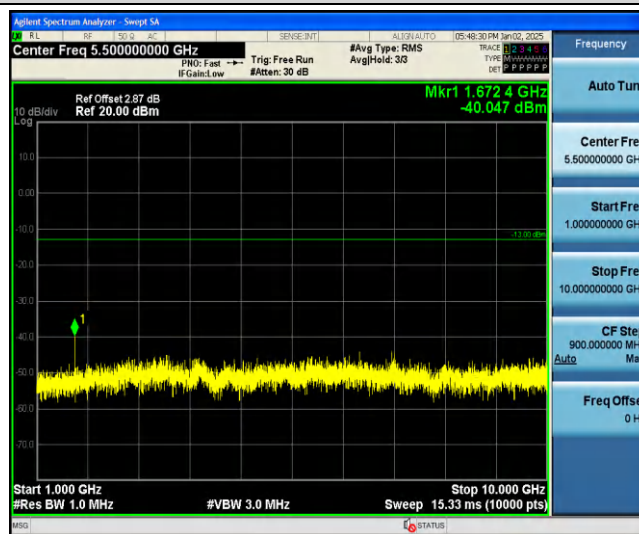
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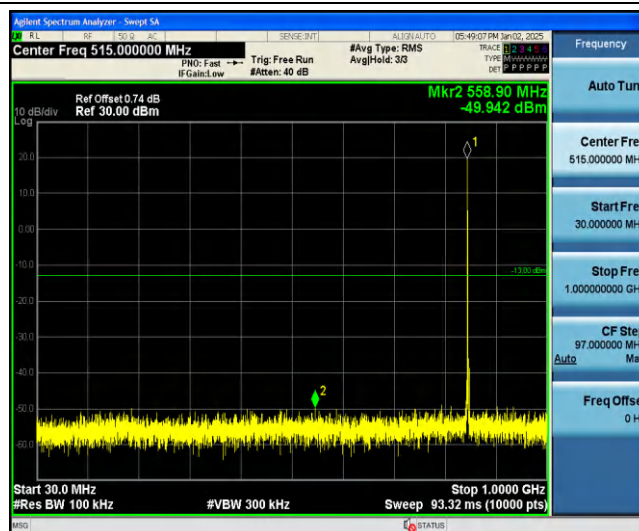
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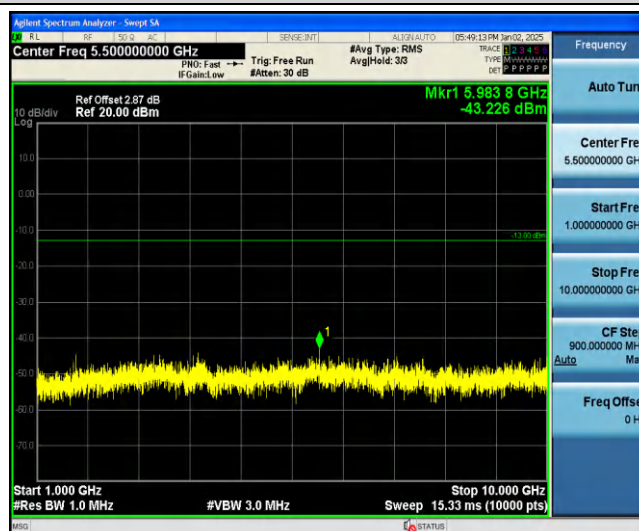
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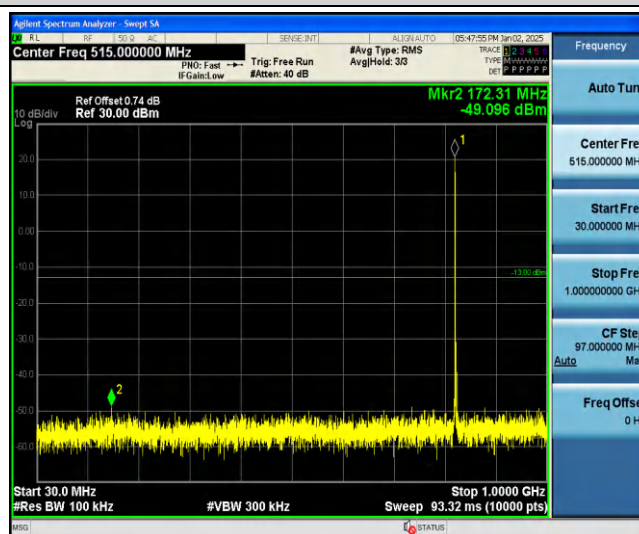
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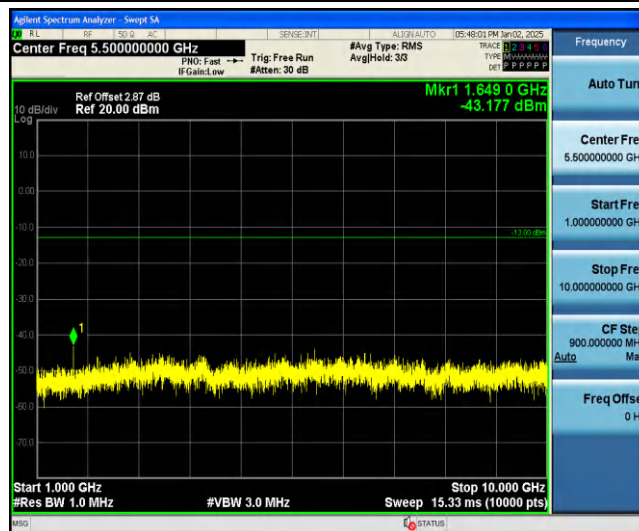
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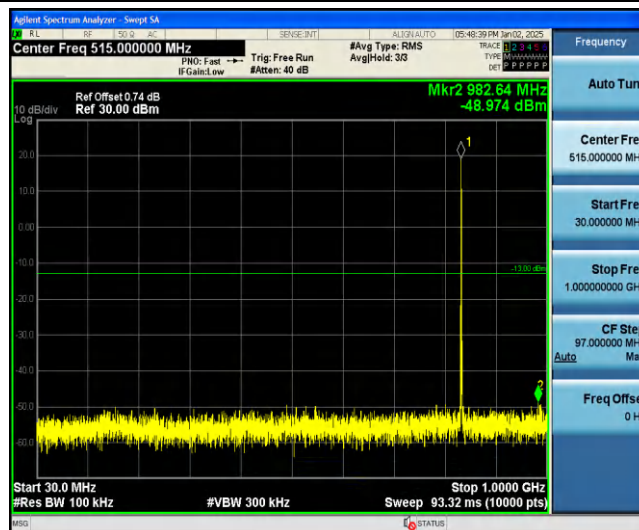
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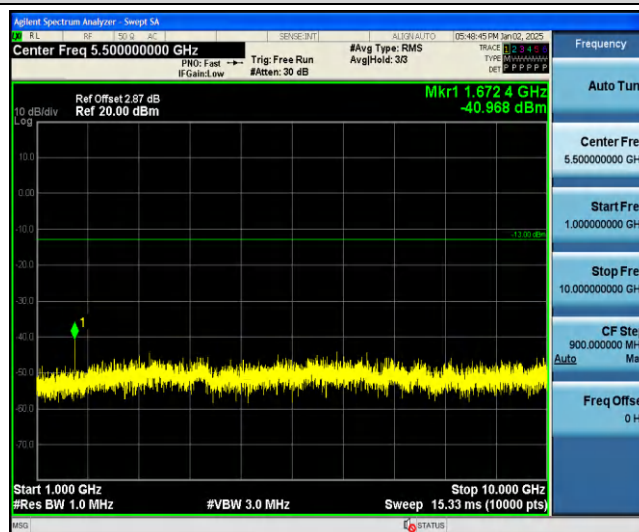
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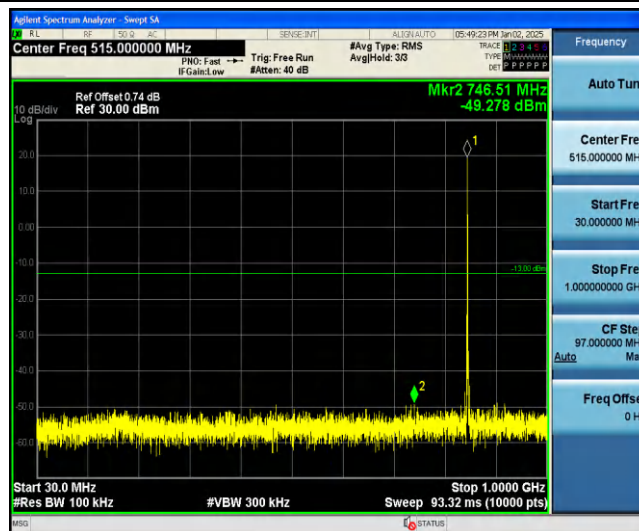
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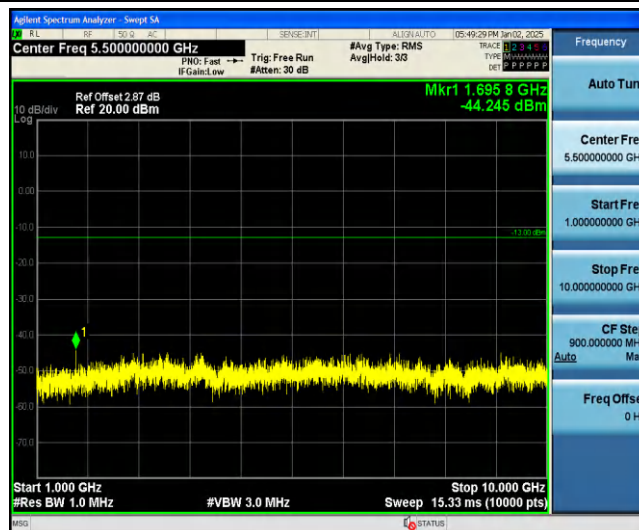
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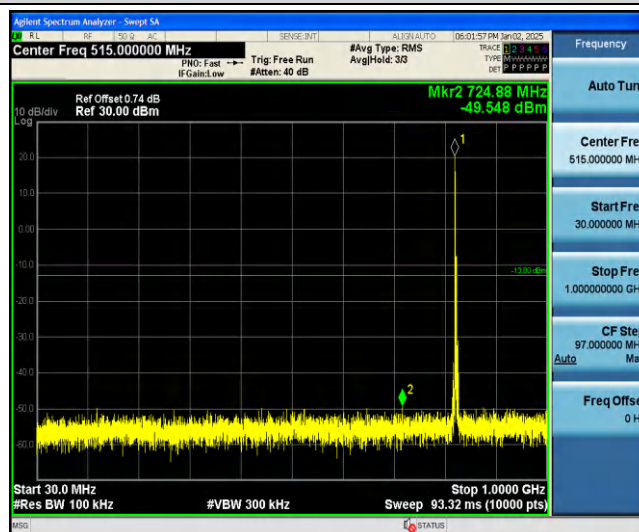
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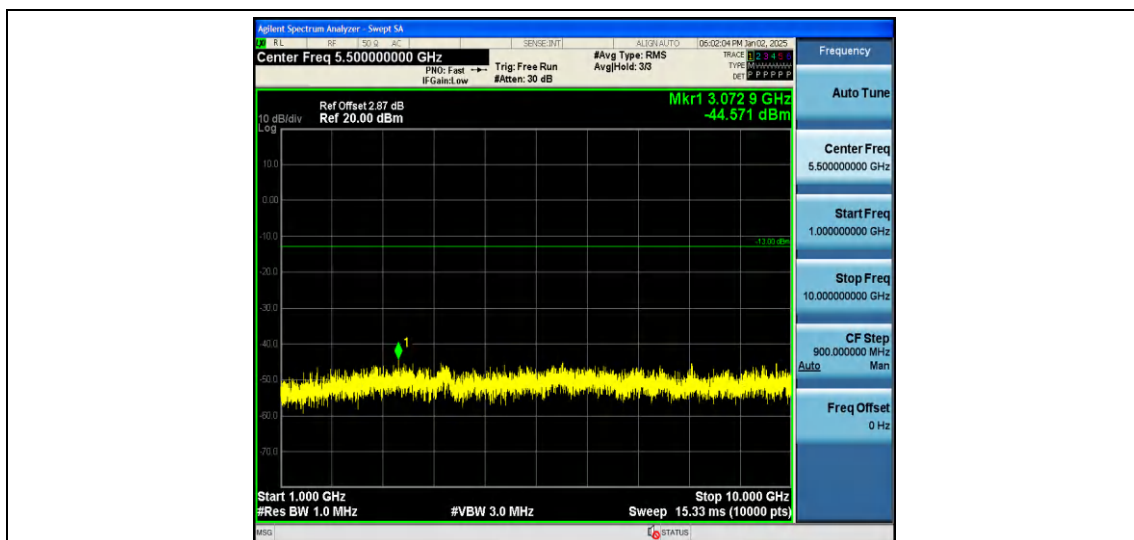
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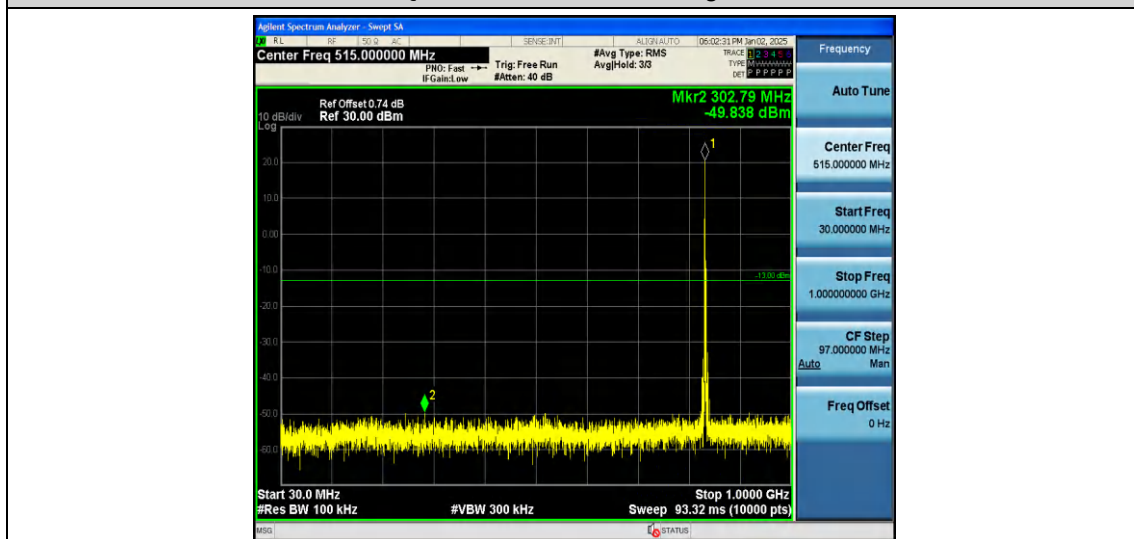
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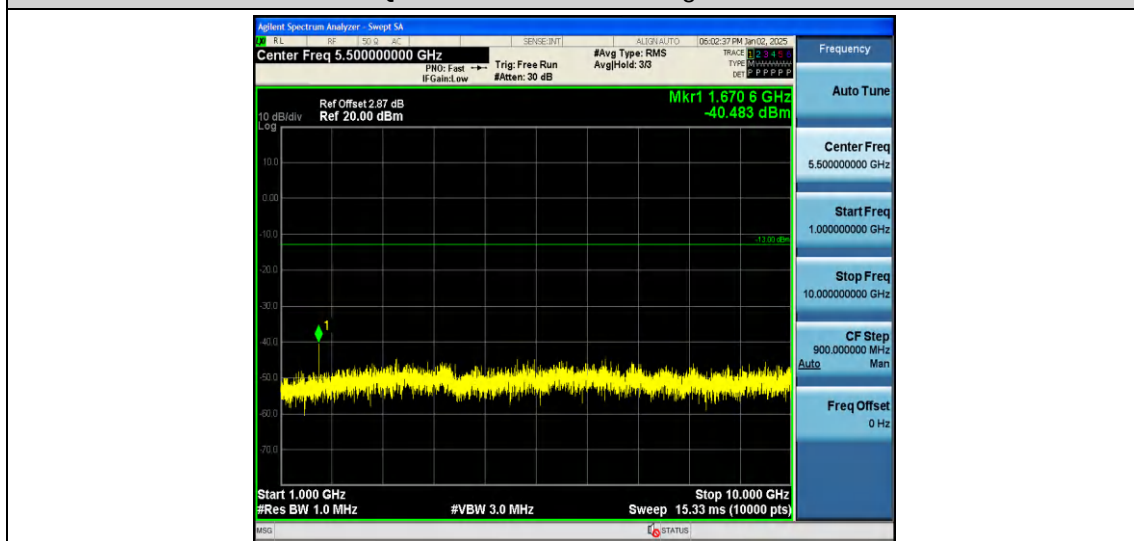
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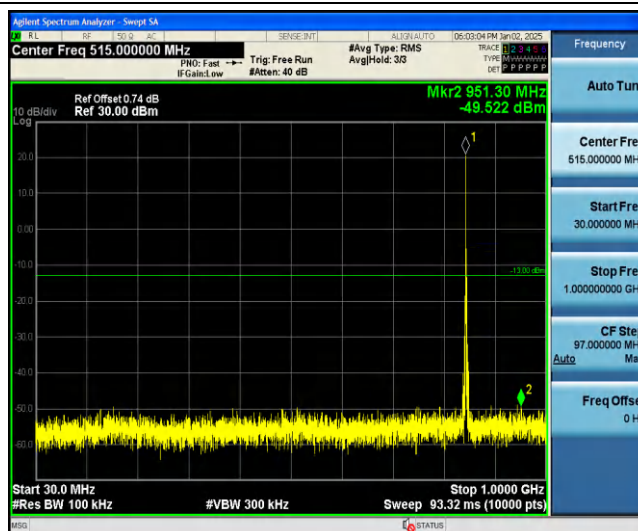
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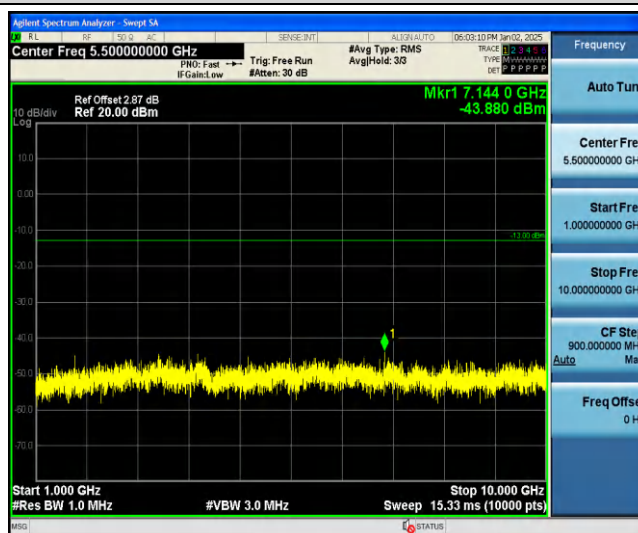
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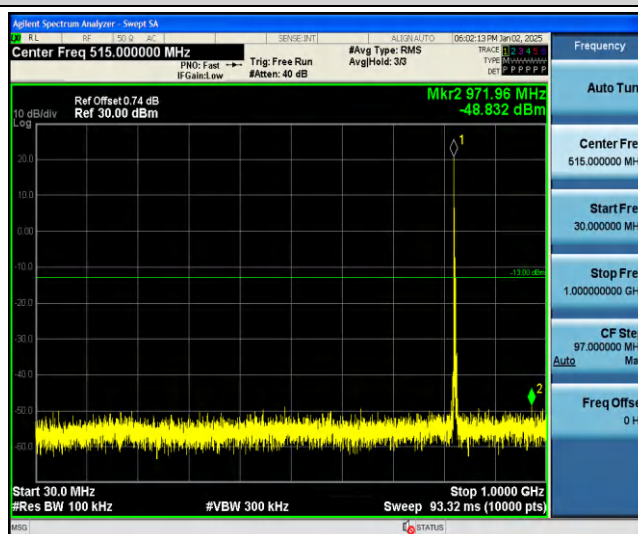
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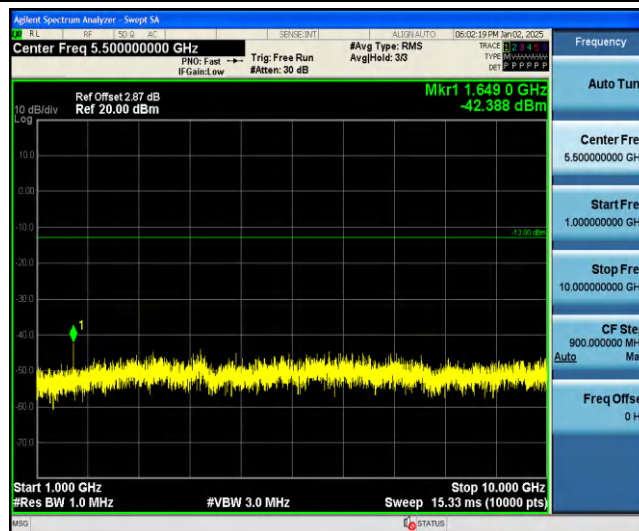
Band5-3MHz-QPSK-20635-1RB#0-Range2:1000~10000MHz



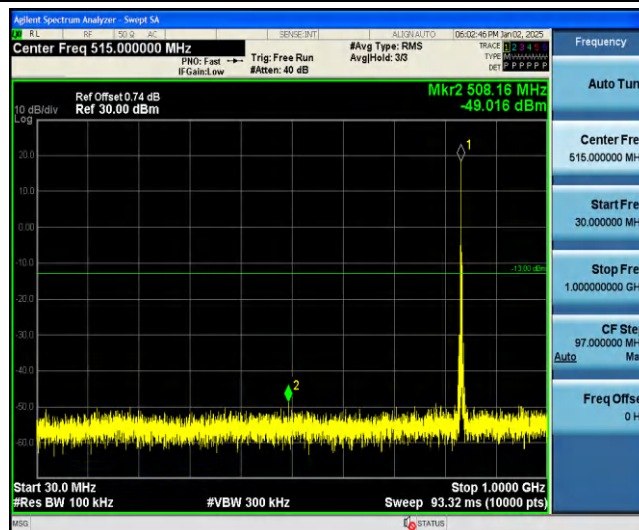
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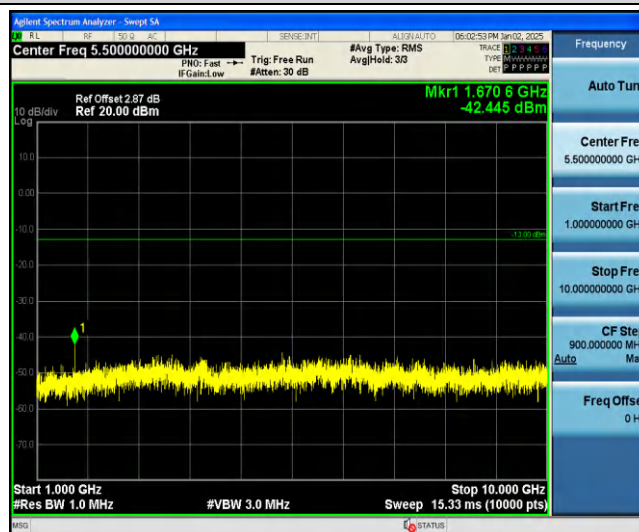
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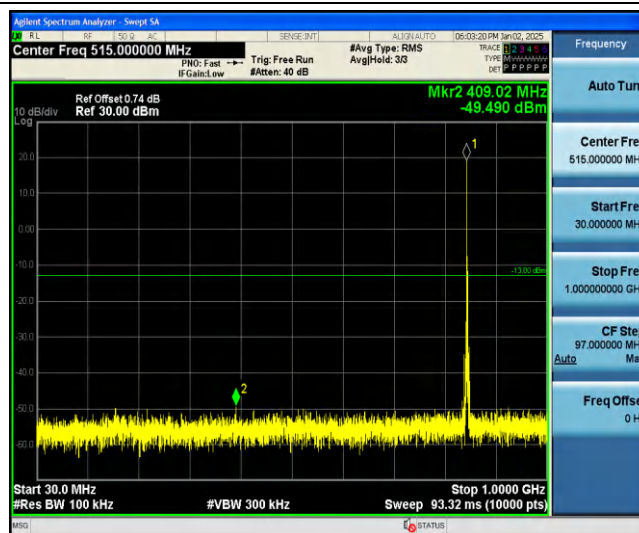
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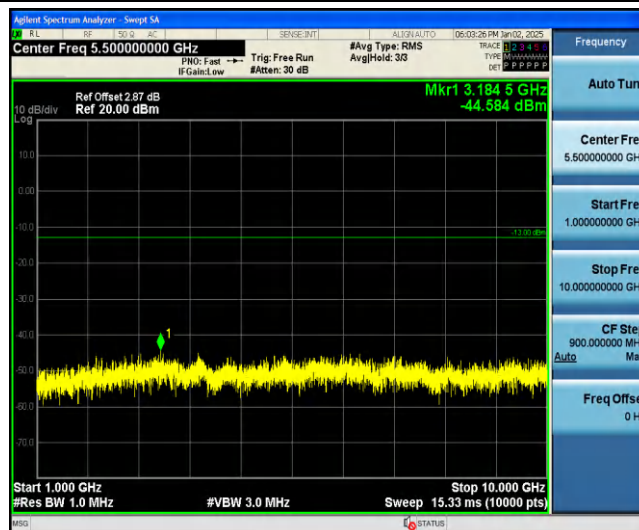
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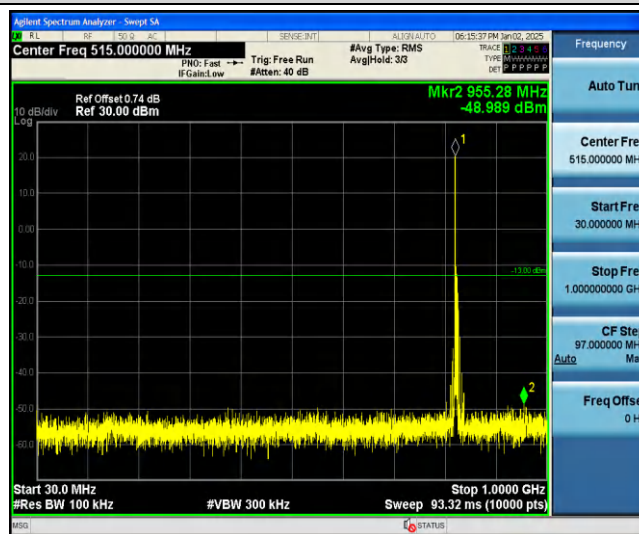
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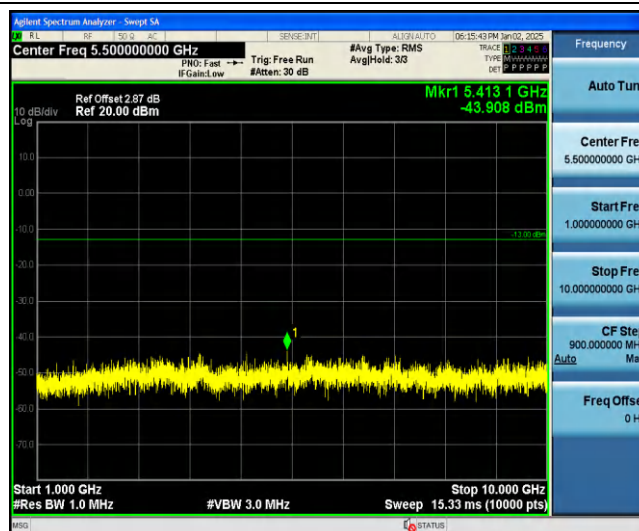
Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz



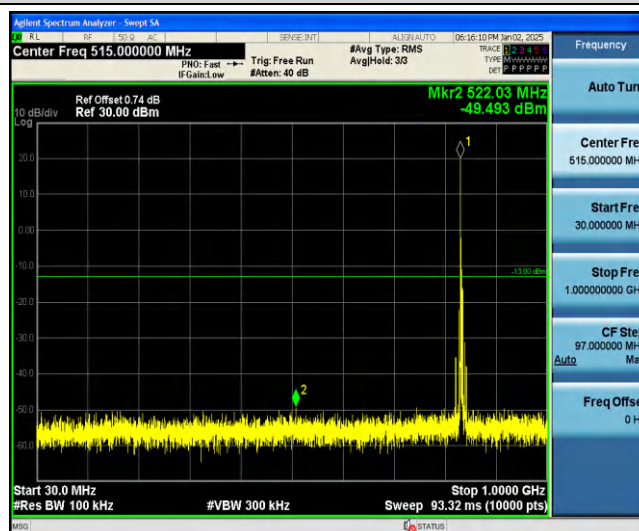
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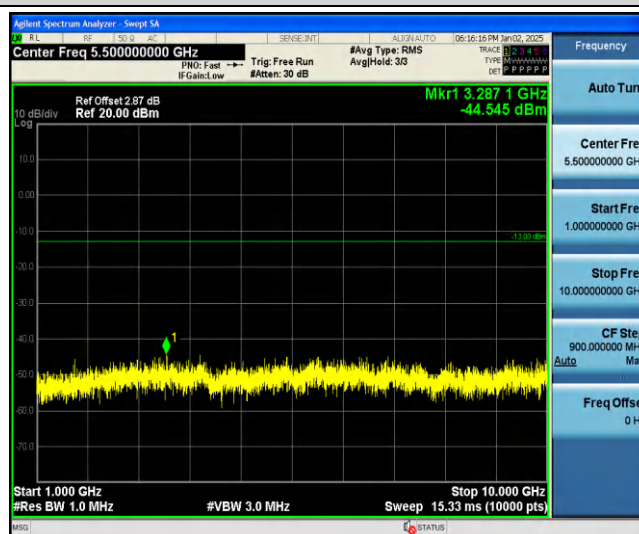
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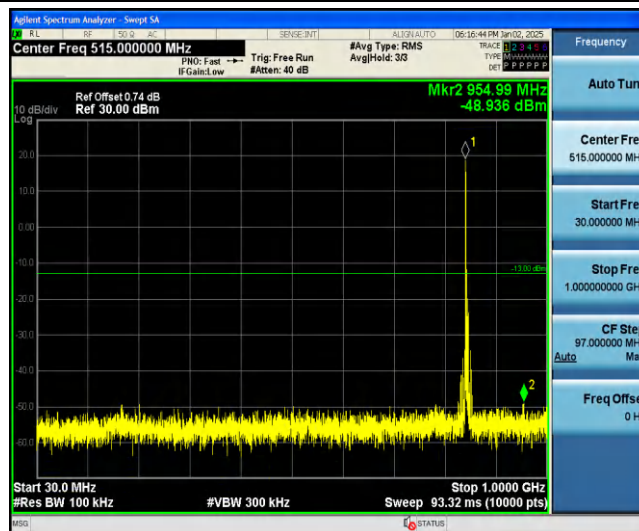
Band5-5MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



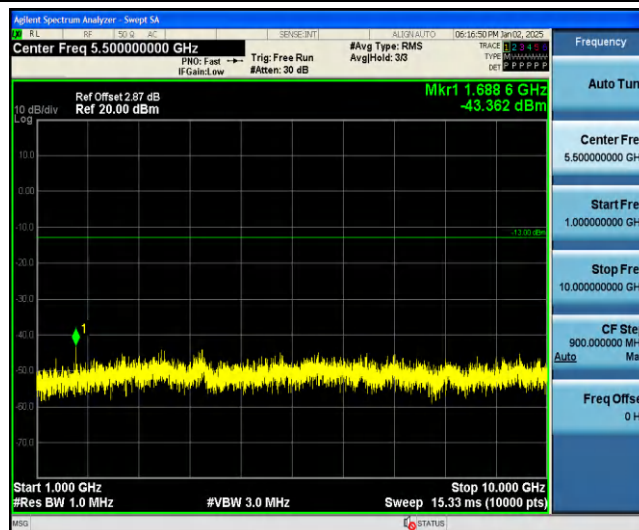
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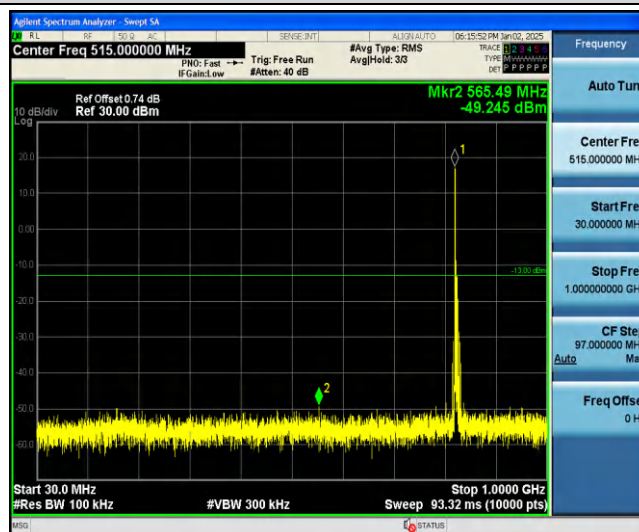
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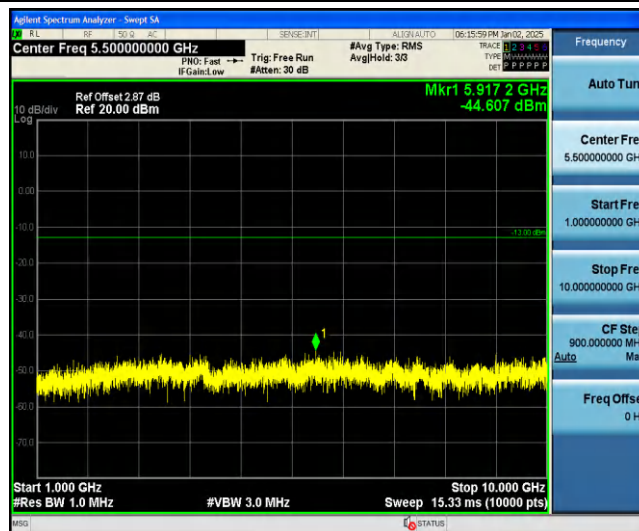
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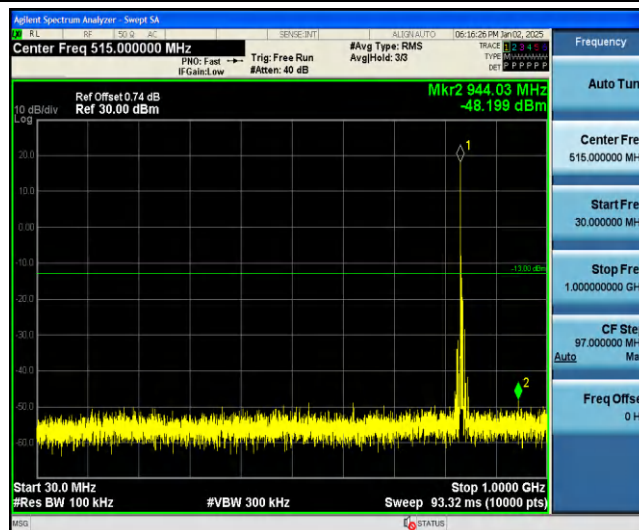
Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



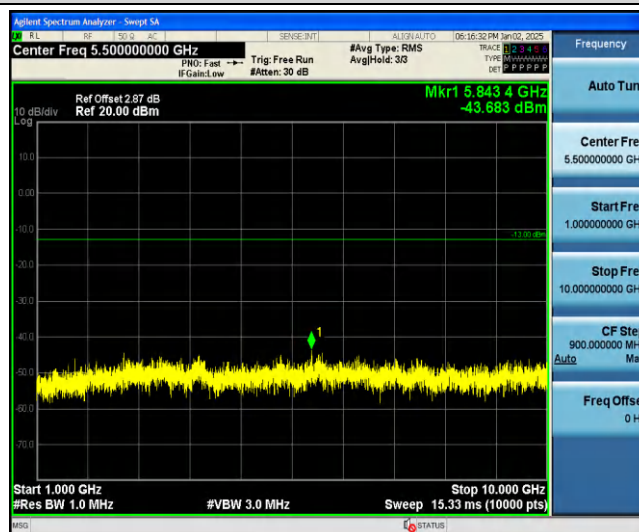
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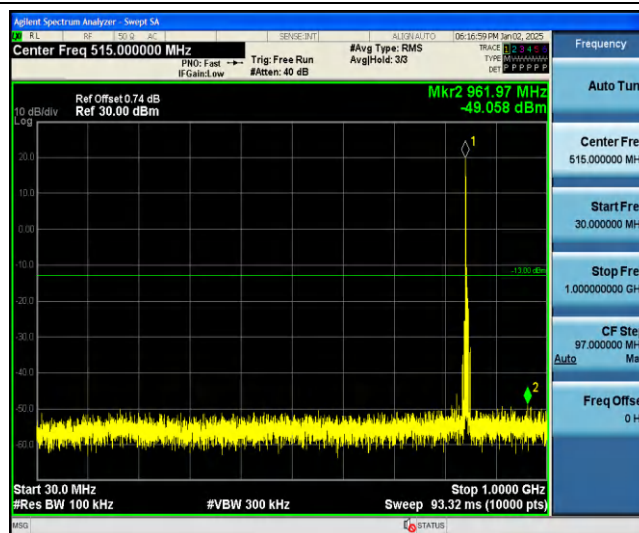
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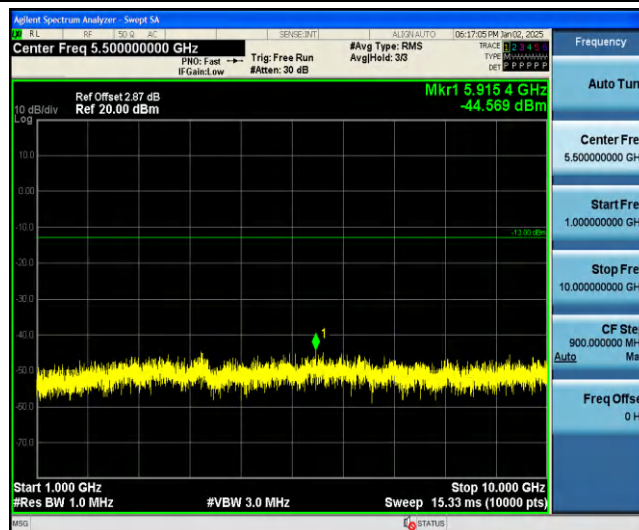
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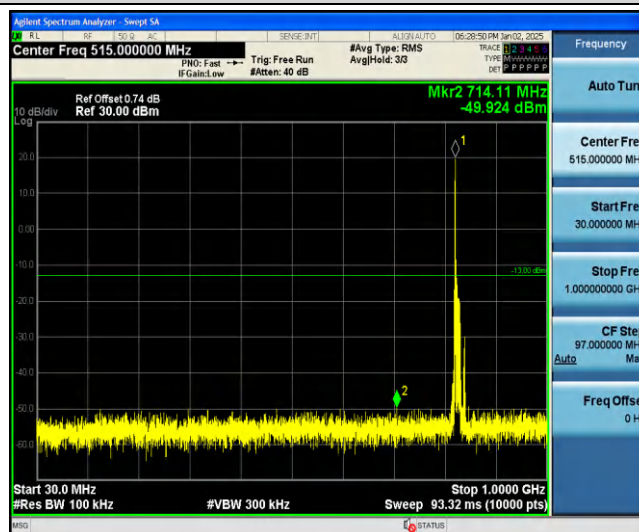
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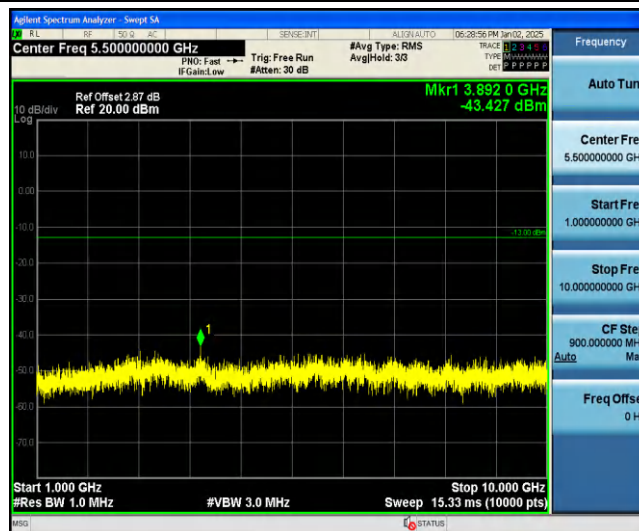
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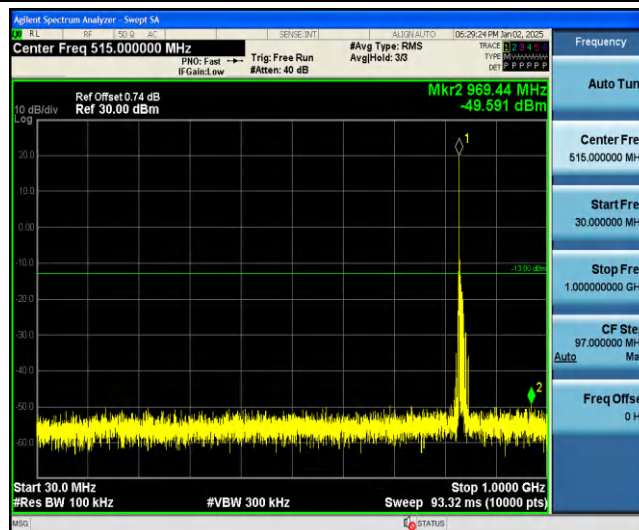
Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



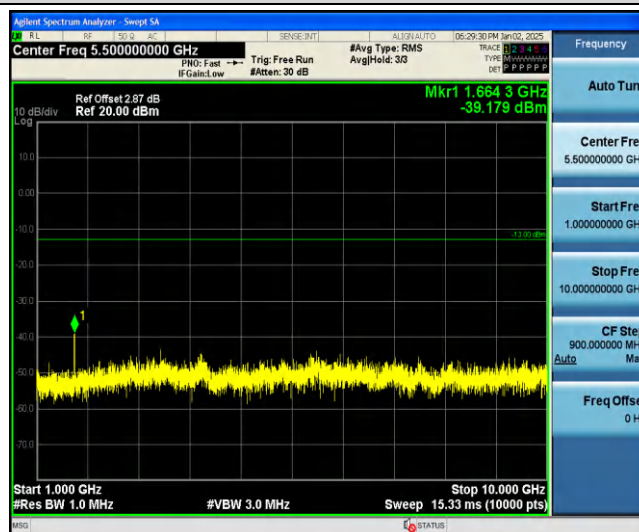
Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



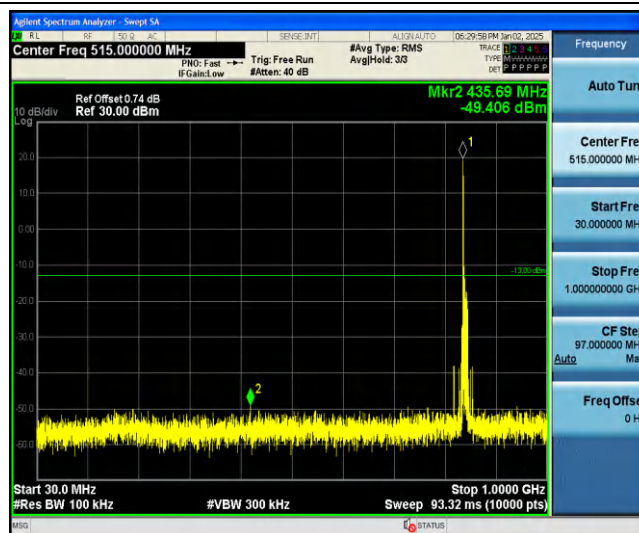
Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



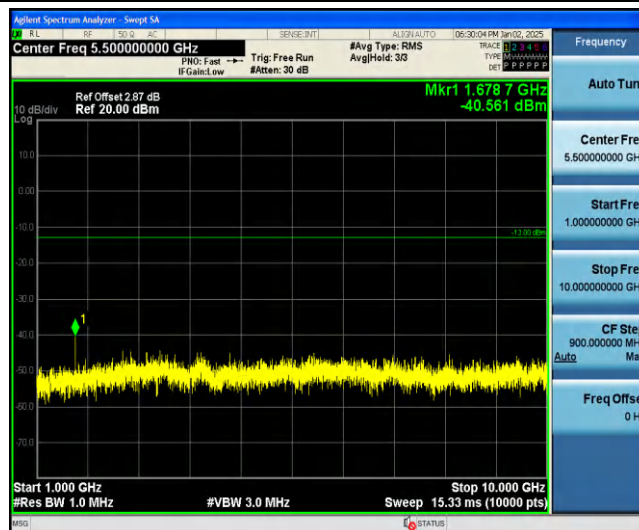
Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



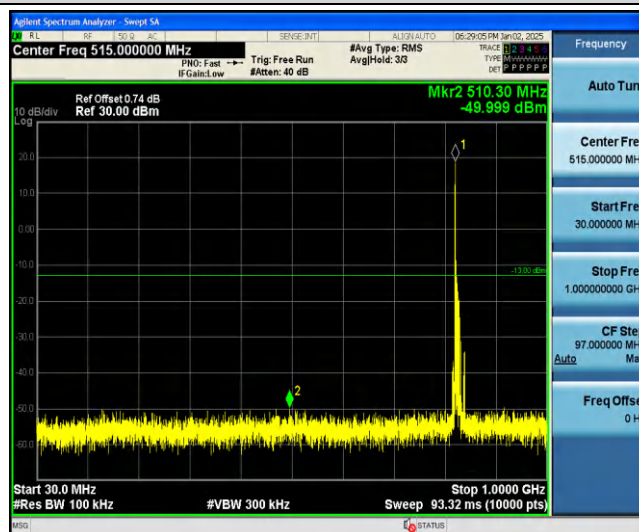
Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



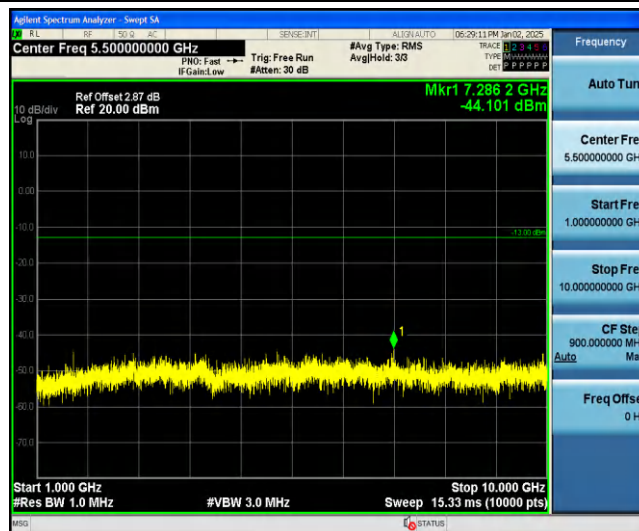
Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



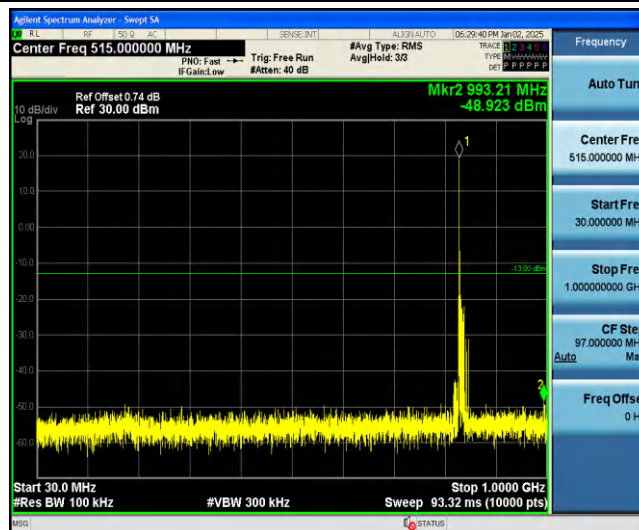
Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



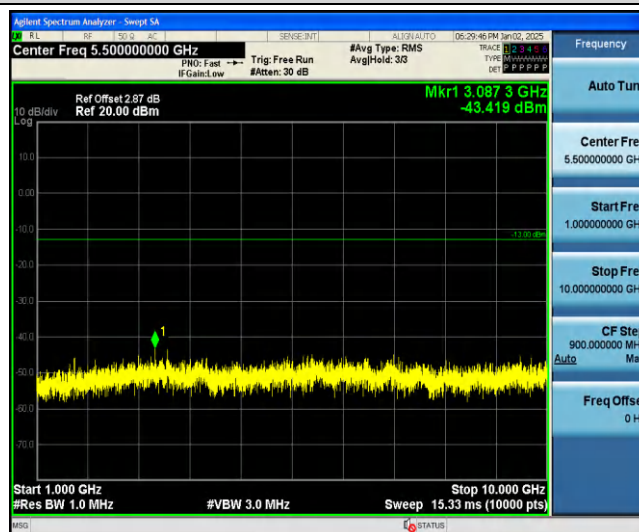
Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



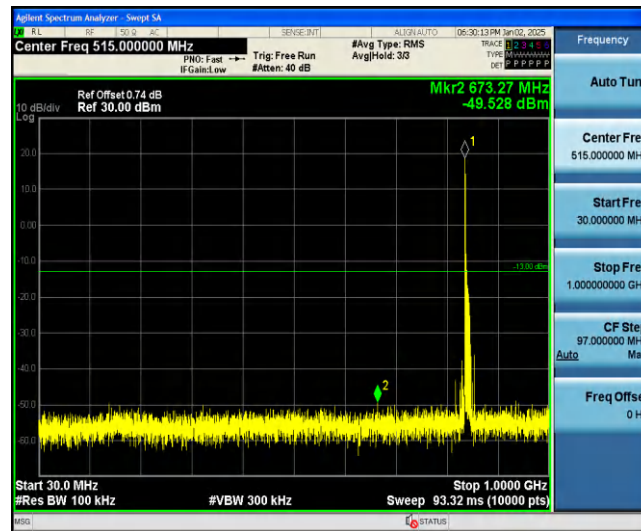
Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



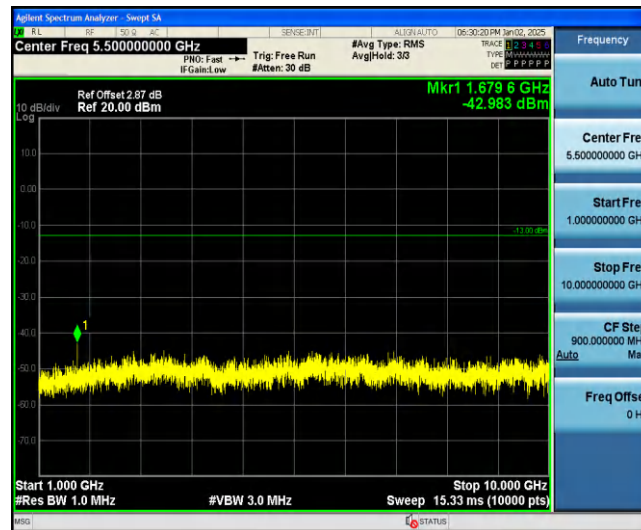
Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-3.99	-0.004838	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	9.88	0.011980	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-12.11	-0.014684	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	15.10	0.018051	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	24.61	0.029420	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	4.62	0.005523	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	6.59	0.007768	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	17.32	0.020417	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-7.65	-0.009018	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-30.43	-0.036898	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-23.99	-0.029089	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-35.73	-0.043325	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-8.08	-0.009659	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-1.82	-0.002176	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-11.42	-0.013652	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-20.26	-0.023883	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-14.46	-0.017046	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-24.40	-0.028763	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	15.94	0.019310	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	21.30	0.025803	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	14.35	0.017383	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	16.33	0.019522	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	17.68	0.021136	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	14.77	0.017657	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	17.29	0.020401	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	16.99	0.020047	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	14.57	0.017192	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	11.40	0.013810	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	10.92	0.013228	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	13.20	0.015990	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	12.64	0.015111	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	13.34	0.015947	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	14.03	0.016772	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	16.34	0.019280	±2.5	PASS

Band5	3MHz	16QAM	20635	15RB#0	VN	NT	15.52	0.018313	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	14.89	0.017569	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	16.80	0.020327	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	19.13	0.023146	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	14.11	0.017072	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	19.84	0.023718	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	19.82	0.023694	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	18.77	0.022439	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	14.56	0.017200	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	14.95	0.017661	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	13.63	0.016102	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	17.97	0.021742	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	15.41	0.018645	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	17.80	0.021537	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	20.34	0.024316	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	17.47	0.020885	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	20.15	0.024088	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	13.74	0.016232	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	11.34	0.013396	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	13.55	0.016007	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	18.17	0.021918	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	23.49	0.028335	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	14.45	0.017431	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	13.48	0.016115	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	13.75	0.016438	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	11.37	0.013592	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	13.20	0.015640	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	14.24	0.016872	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	9.55	0.011315	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	13.62	0.016429	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	12.93	0.015597	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	12.48	0.015054	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	14.52	0.017358	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	14.50	0.017334	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	16.22	0.019390	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	16.48	0.019526	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	14.56	0.017251	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	18.07	0.021410	±2.5	PASS

Temperature

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-20.51	-0.024870	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-32.45	-0.039348	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-41.11	-0.049848	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-5.50	-0.006669	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-13.74	-0.016661	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-7.81	-0.009337	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-16.92	-0.020227	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-26.12	-0.031225	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-34.03	-0.040681	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-42.28	-0.050544	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-16.79	-0.019793	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-22.16	-0.026123	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-32.29	-0.038064	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-43.05	-0.050749	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-47.13	-0.055558	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-39.52	-0.047920	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-44.07	-0.053438	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	4.74	0.005748	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-2.01	-0.002437	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-4.64	-0.005626	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-15.11	-0.018063	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-18.14	-0.021686	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-22.37	-0.026742	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-23.84	-0.028500	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-28.08	-0.033568	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	-26.96	-0.031781	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-29.39	-0.034646	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-34.30	-0.040434	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-36.33	-0.042827	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-39.71	-0.046811	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	11.78	0.014270	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	11.37	0.013773	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	11.22	0.013592	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	12.33	0.014936	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	10.31	0.012489	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	12.44	0.014871	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	12.65	0.015123	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	14.15	0.016916	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	13.47	0.016103	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	13.32	0.015923	±2.5	PASS

Band5	3MHz	QPSK	20635	15RB#0	NV	-30	14.69	0.017333	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	14.59	0.017215	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	14.02	0.016543	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	15.31	0.018065	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	14.90	0.017581	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	13.32	0.016136	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	13.22	0.016015	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	13.32	0.016136	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	13.45	0.016293	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	14.95	0.018110	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	13.99	0.016724	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	15.29	0.018279	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	14.27	0.017059	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	15.33	0.018326	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	16.01	0.019139	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	15.08	0.017794	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	17.13	0.020212	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	16.00	0.018879	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	16.99	0.020047	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	17.63	0.020802	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	12.49	0.015112	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	13.62	0.016479	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	13.78	0.016673	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	14.28	0.017278	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	15.16	0.018342	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	16.12	0.019271	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	16.98	0.020299	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	16.91	0.020215	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	16.25	0.019426	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	17.14	0.020490	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	11.58	0.013680	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	11.48	0.013562	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	12.12	0.014318	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	13.03	0.015393	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	12.32	0.014554	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	19.60	0.023714	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	18.11	0.021912	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	17.88	0.021633	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	18.30	0.022142	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	17.63	0.021331	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	19.23	0.022989	±2.5	PASS

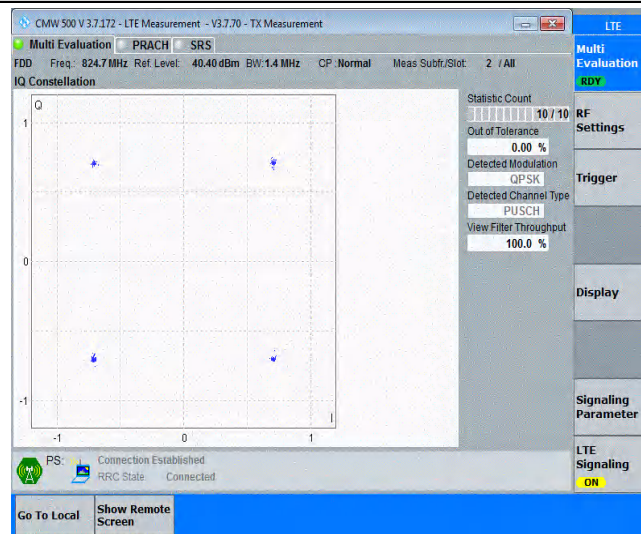
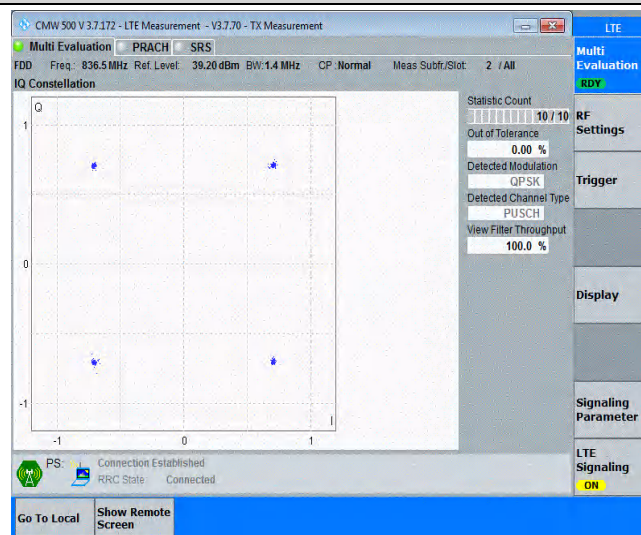
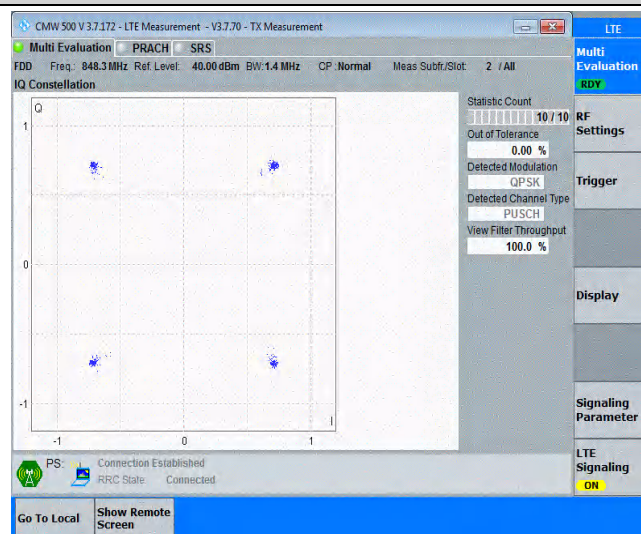
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	19.93	0.023825	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	19.82	0.023694	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	20.13	0.024065	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	19.63	0.023467	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	13.87	0.016385	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	13.68	0.016161	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	13.96	0.016491	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	12.51	0.014778	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	11.27	0.013314	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	14.25	0.017189	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	14.75	0.017793	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	12.65	0.015259	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	14.55	0.017551	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	14.36	0.017322	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	9.74	0.011644	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	10.33	0.012349	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	10.00	0.011955	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	12.18	0.014561	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	13.93	0.016653	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	8.97	0.010628	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	10.16	0.012038	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	9.93	0.011765	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	11.34	0.013436	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	12.42	0.014716	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	12.36	0.014910	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	10.85	0.013088	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	10.71	0.012919	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	10.35	0.012485	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	8.97	0.010820	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	16.13	0.019283	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	16.11	0.019259	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	16.04	0.019175	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	15.41	0.018422	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	15.02	0.017956	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	16.37	0.019396	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	17.31	0.020509	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	18.07	0.021410	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	15.50	0.018365	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	16.38	0.019408	±2.5	PASS

Appendix G: Modulation Characteristics

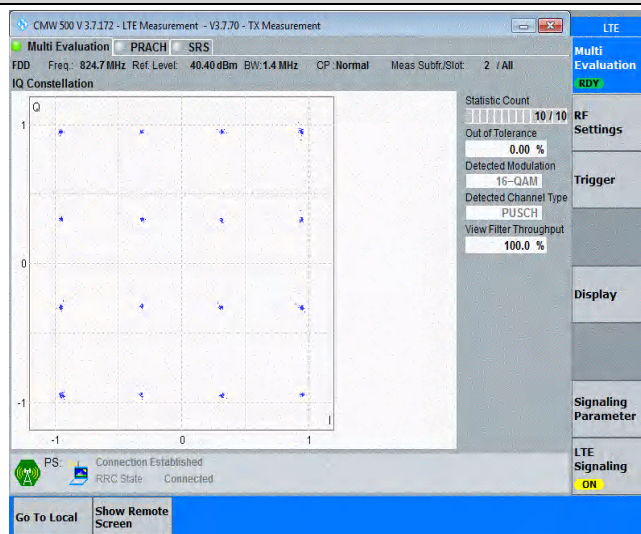
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	PASS	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	PASS	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	PASS	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	PASS	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	PASS	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	PASS	PASS
Band5	3MHz	QPSK	20415	15RB#0	PASS	PASS
Band5	3MHz	QPSK	20525	15RB#0	PASS	PASS
Band5	3MHz	QPSK	20635	15RB#0	PASS	PASS
Band5	3MHz	16QAM	20415	15RB#0	PASS	PASS
Band5	3MHz	16QAM	20525	15RB#0	PASS	PASS
Band5	3MHz	16QAM	20635	15RB#0	PASS	PASS
Band5	5MHz	QPSK	20425	25RB#0	PASS	PASS
Band5	5MHz	QPSK	20525	25RB#0	PASS	PASS
Band5	5MHz	QPSK	20625	25RB#0	PASS	PASS
Band5	5MHz	16QAM	20425	25RB#0	PASS	PASS
Band5	5MHz	16QAM	20525	25RB#0	PASS	PASS
Band5	5MHz	16QAM	20625	25RB#0	PASS	PASS
Band5	10MHz	QPSK	20450	50RB#0	PASS	PASS
Band5	10MHz	QPSK	20525	50RB#0	PASS	PASS
Band5	10MHz	QPSK	20600	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20450	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20525	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20600	50RB#0	PASS	PASS

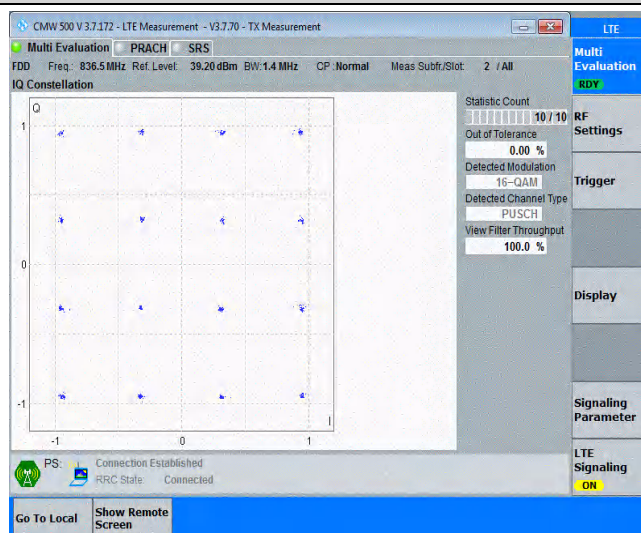
Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0**Band5-1.4MHz-QPSK-20525-6RB#0****Band5-1.4MHz-QPSK-20643-6RB#0**

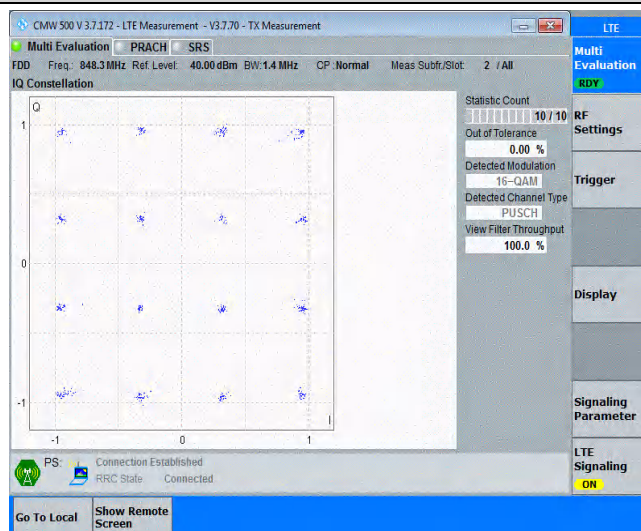
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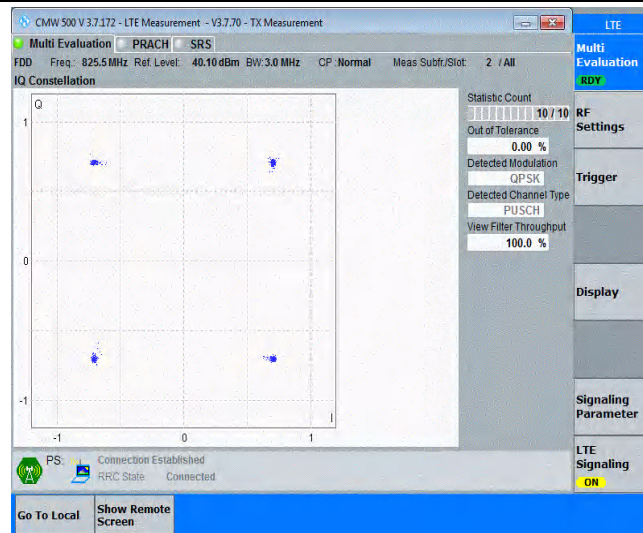
Band5-1.4MHz-16QAM-20525-6RB#0



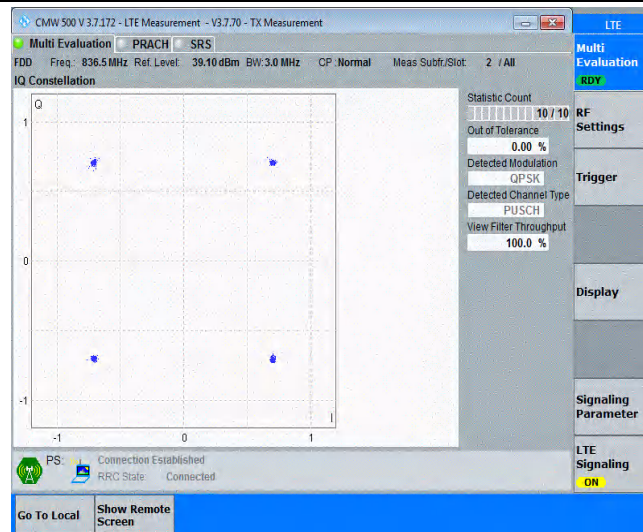
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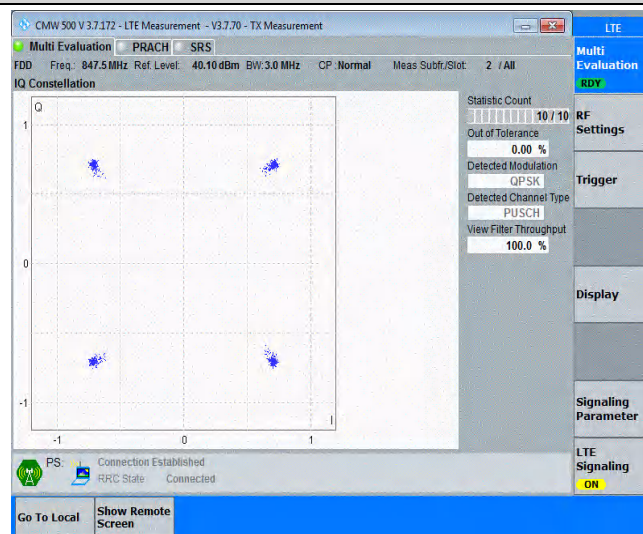
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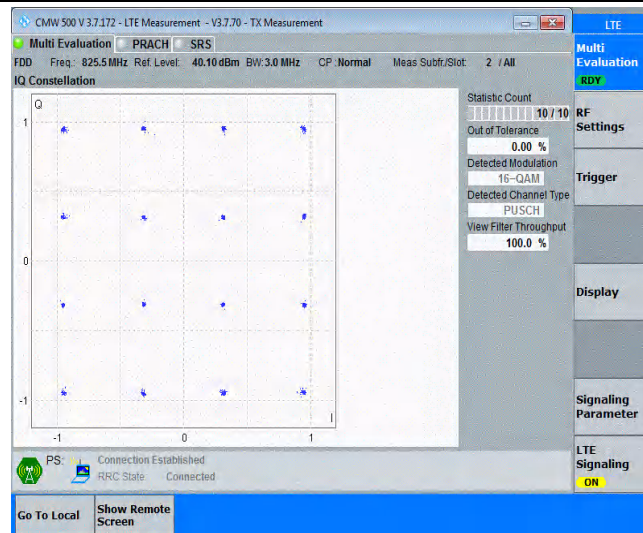
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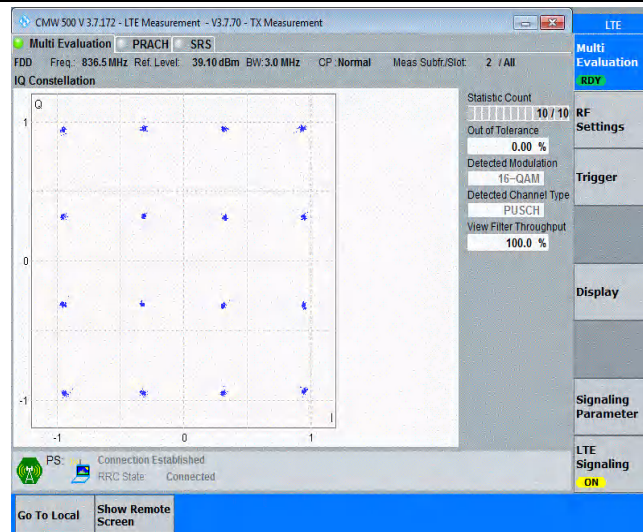
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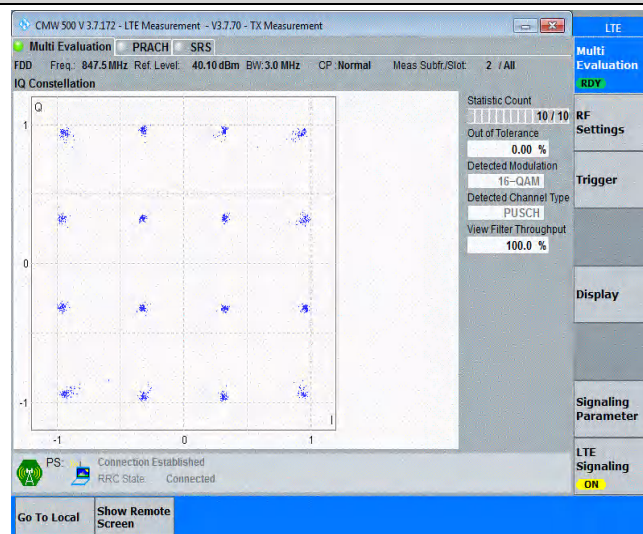
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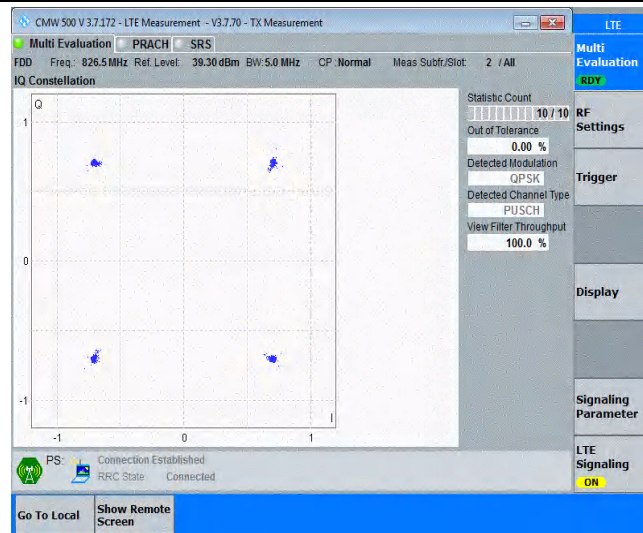
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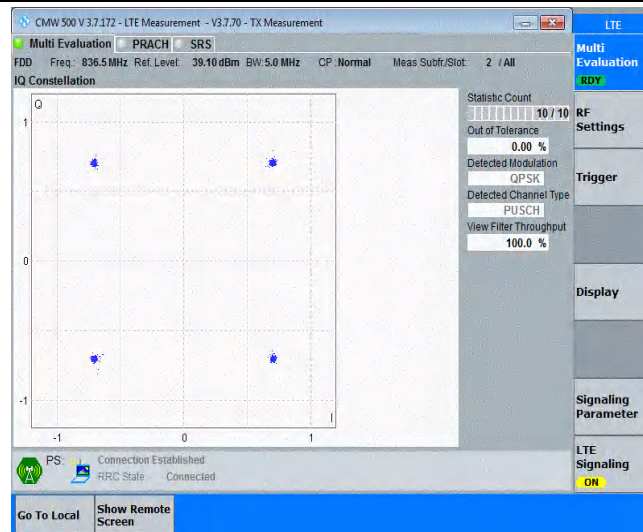
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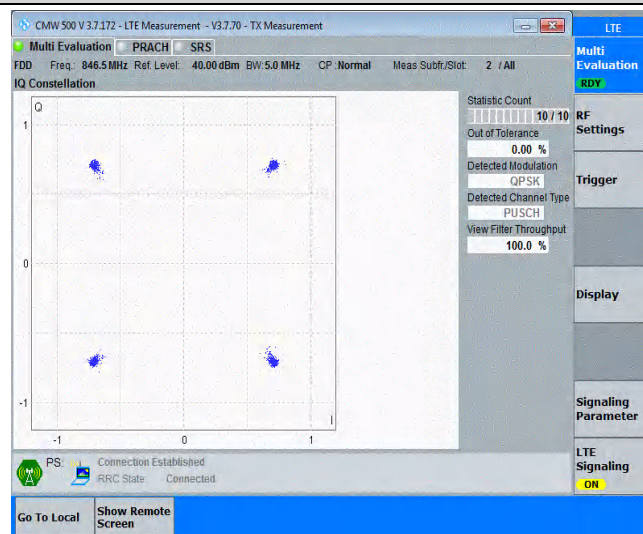
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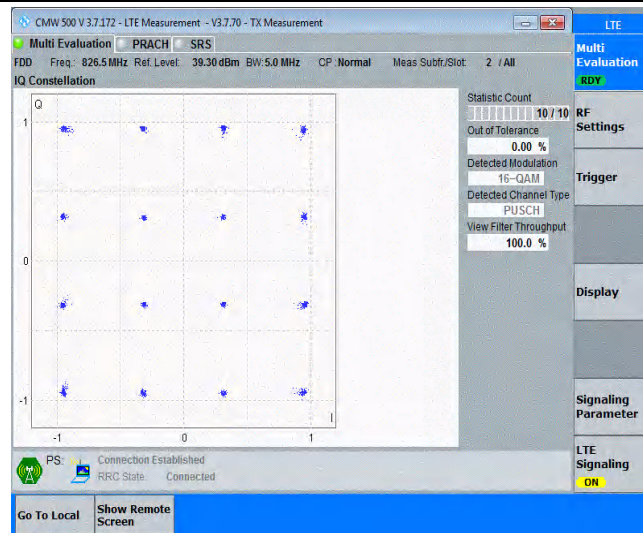
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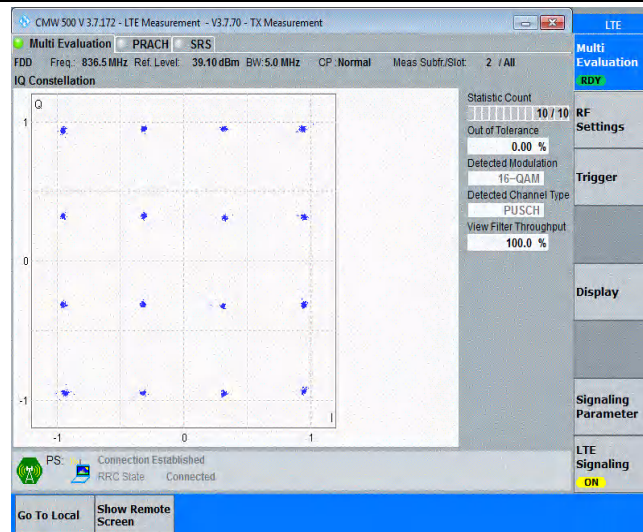
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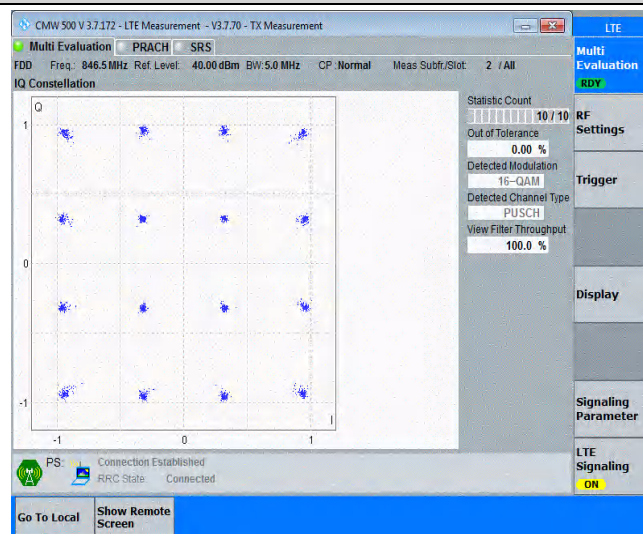
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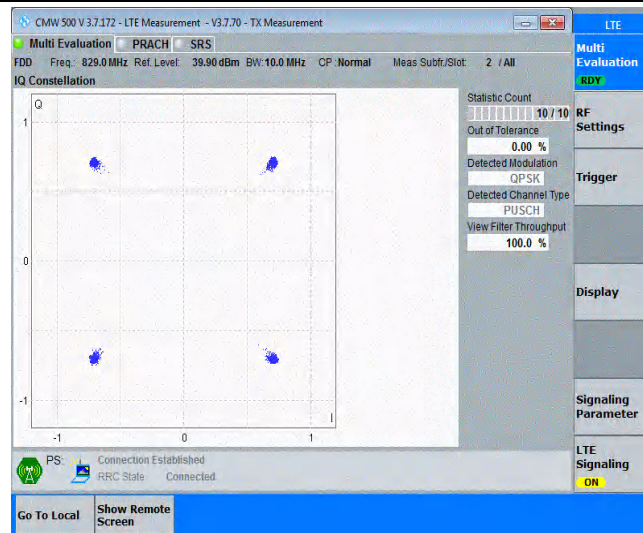
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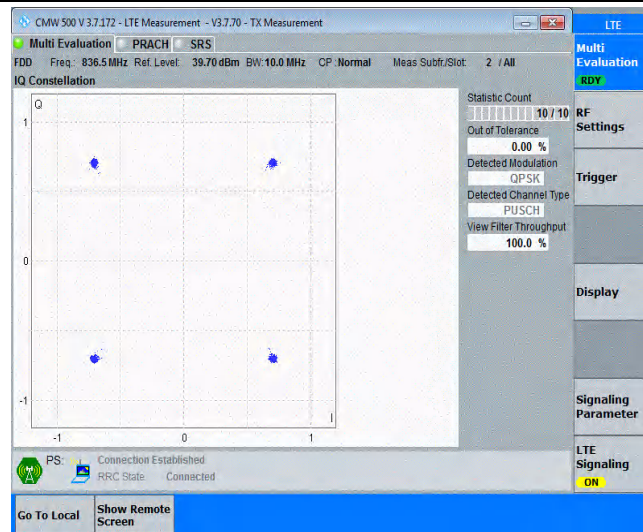
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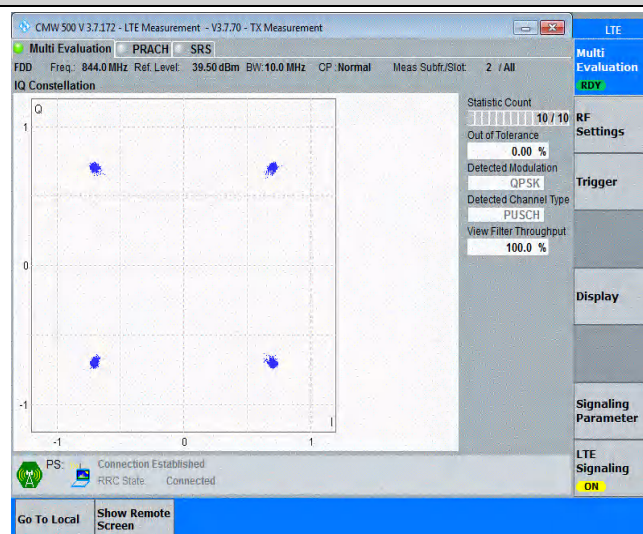
Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0

