



Appendix RF Test Data for LTE Band 5

Product Name: AI Translator Earbuds

Test Model: A9

Environmental Conditions

Temperature:	23.9° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Zoey Cao
Supervised by:	Eric Wang



1. Peak-to-Average Ratio(CCDF)

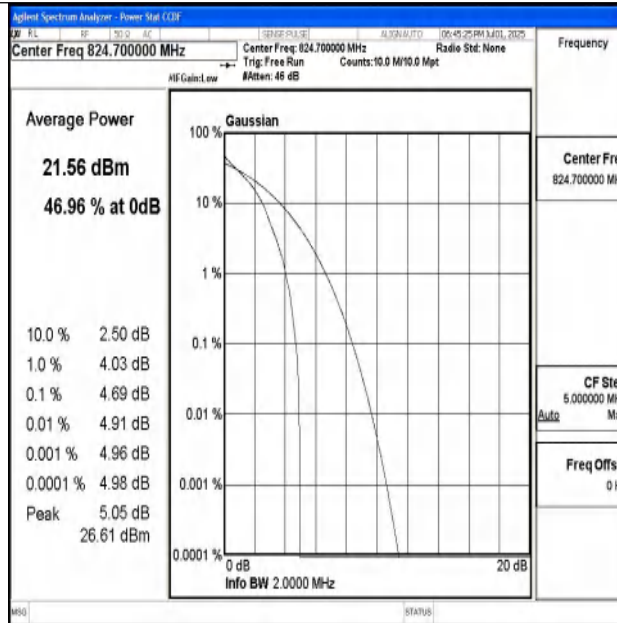
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.69	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.00	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.46	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.01	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.50	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.33	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.30	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.82	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.72	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.44	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.20	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.88	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.93	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.63	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.59	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.26	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.71	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.06	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.39	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.01	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.01	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	3.83	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.79	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.39	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.08	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.65	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.63	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.23	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.88	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	4.97	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.51	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.06	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.01	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.38	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.27	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.81	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.00	13	PASS

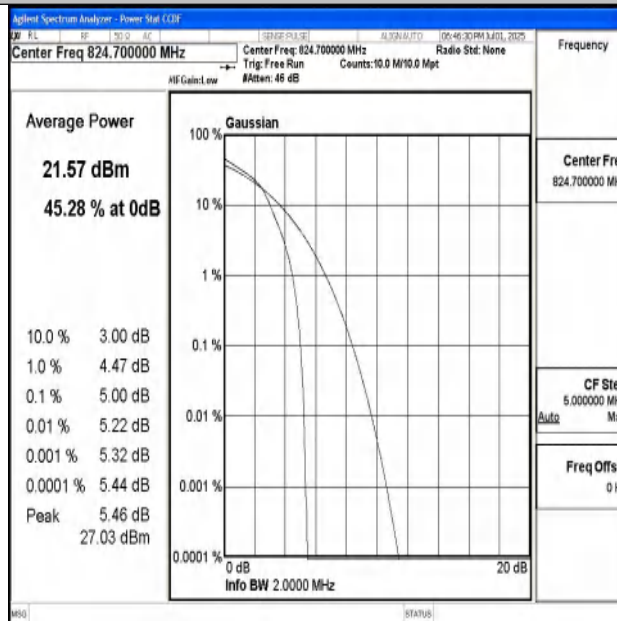


Band5	10MHz	16QAM	20450	1RB#0	5.52	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.56	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.18	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.73	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.15	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.51	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.16	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.68	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.83	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.27	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.88	13	PASS

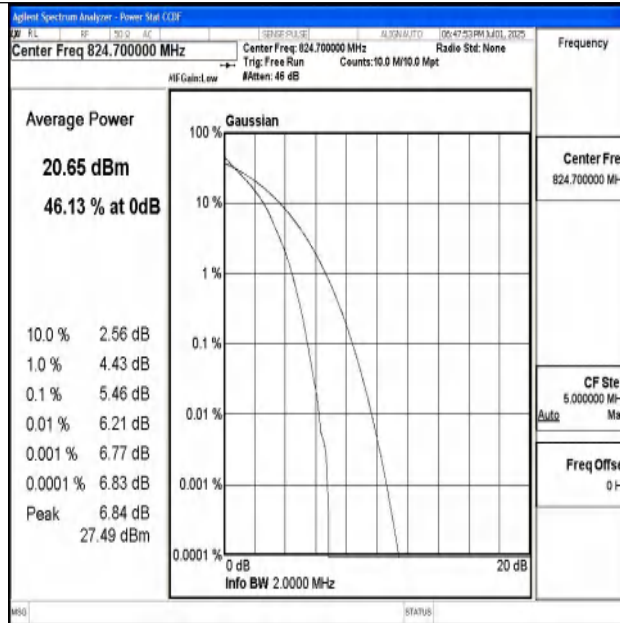
Test Graphs



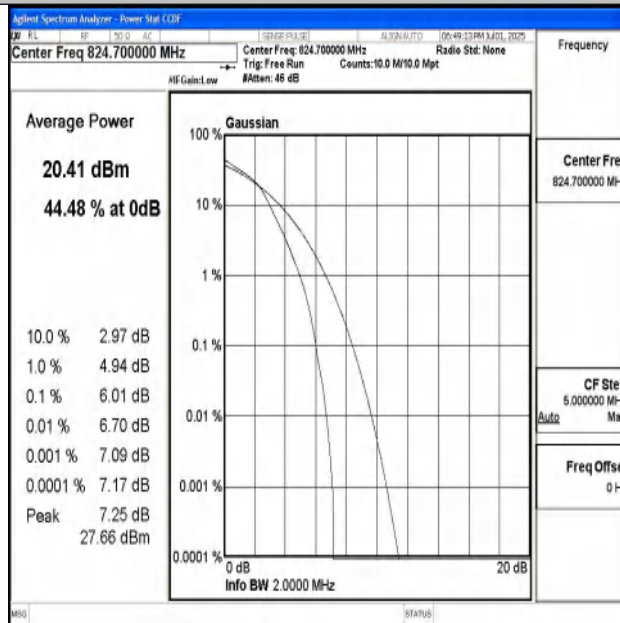
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



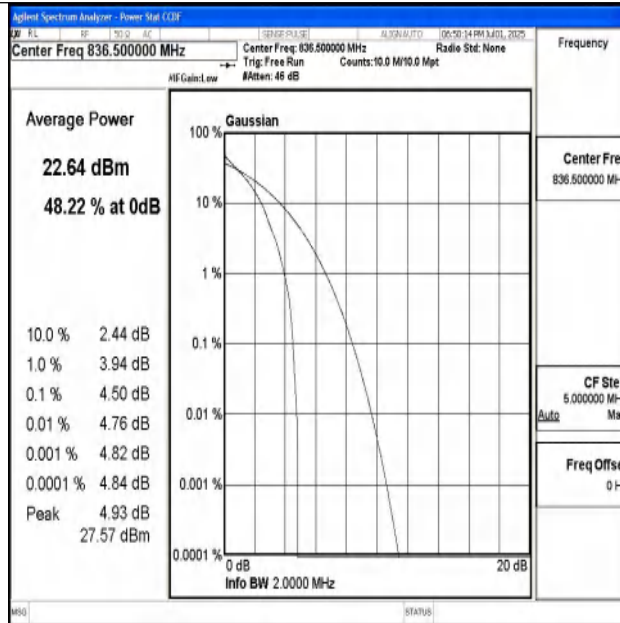
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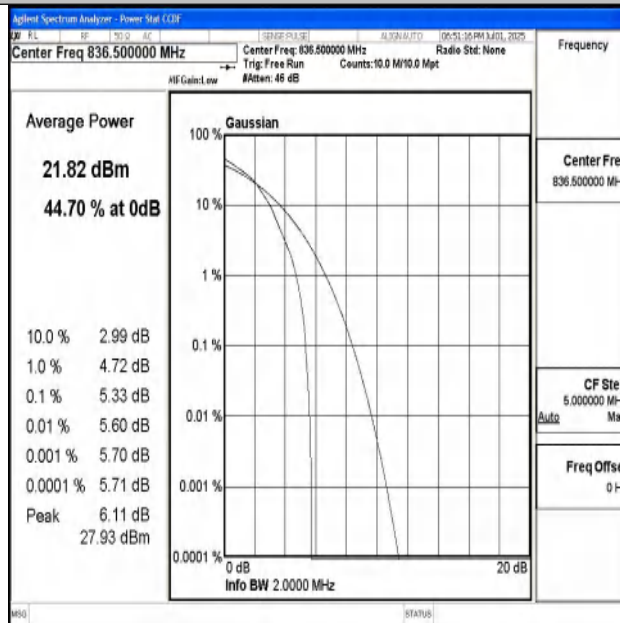
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



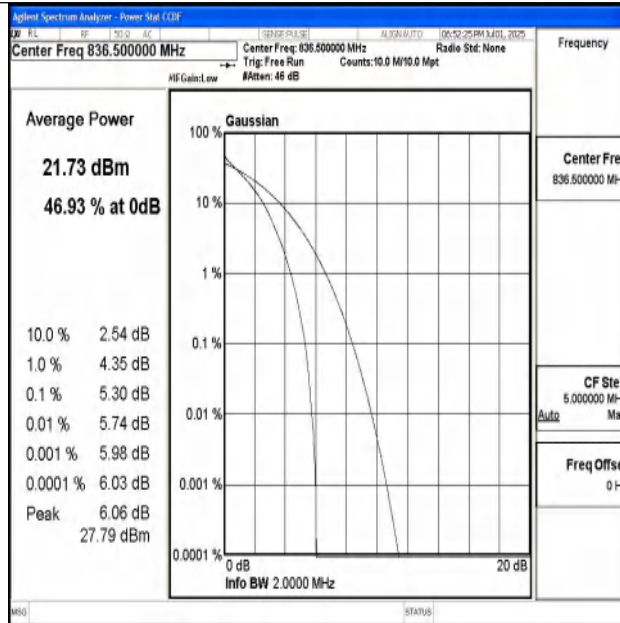
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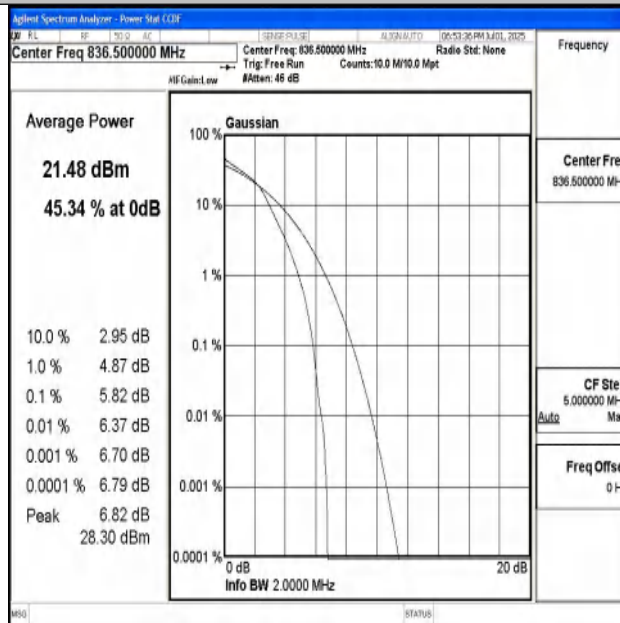
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



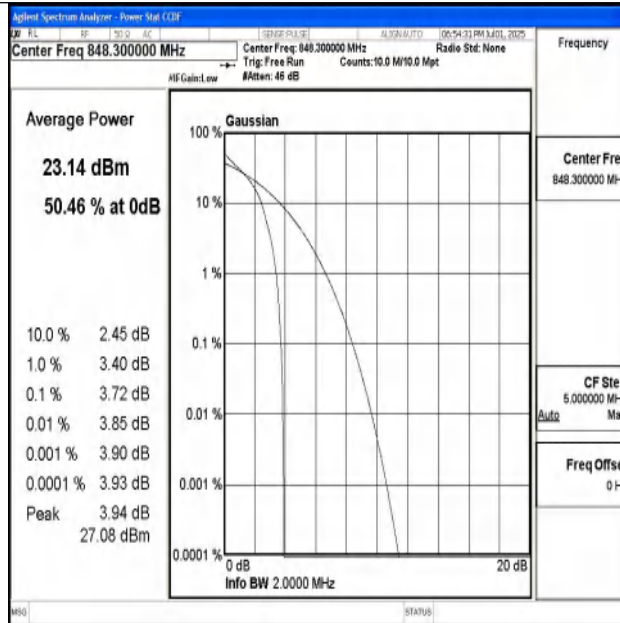
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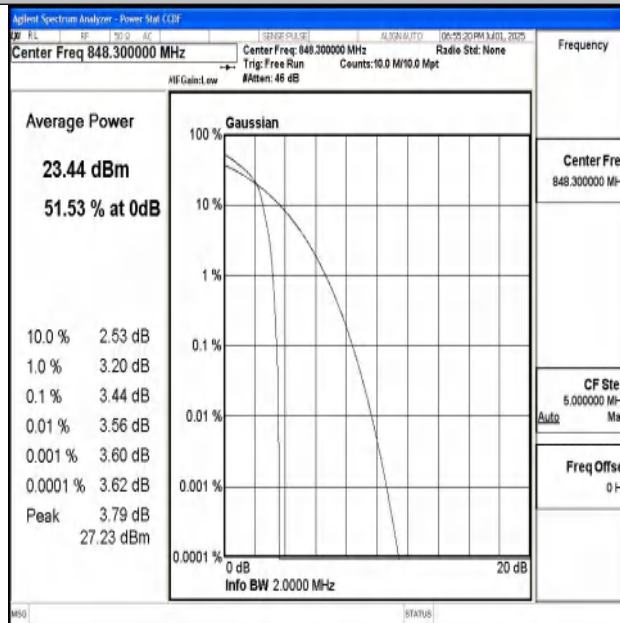
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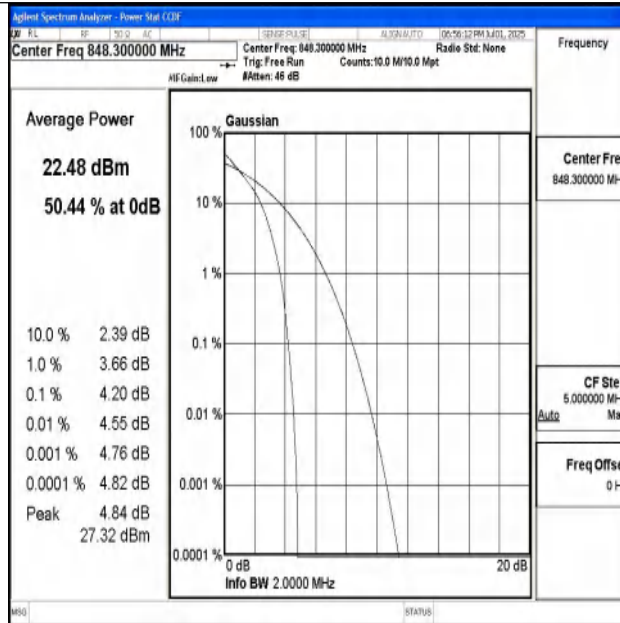
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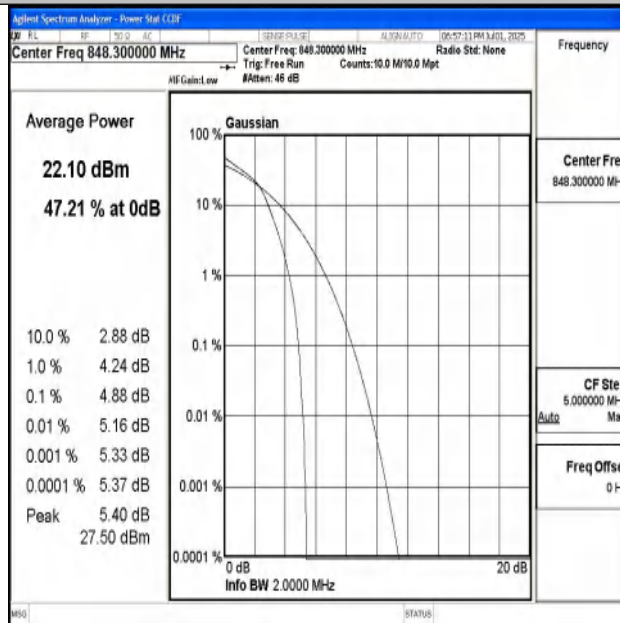
Band5-1.4MHz-QPSK-20643-1RB#0-PASS



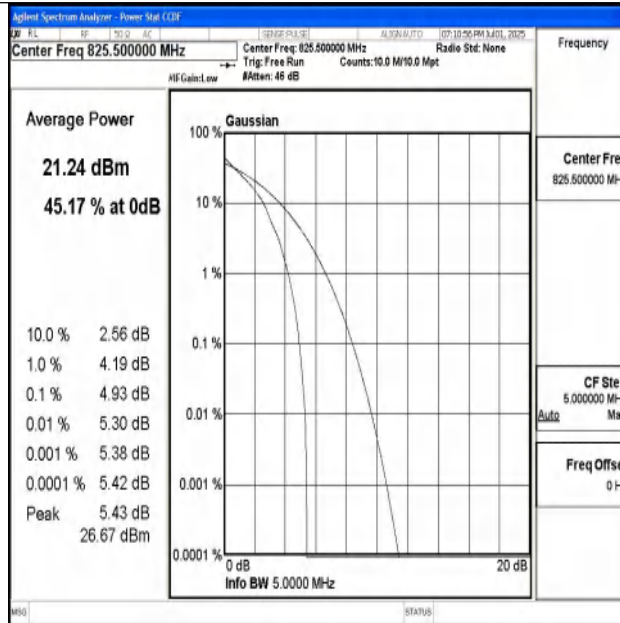
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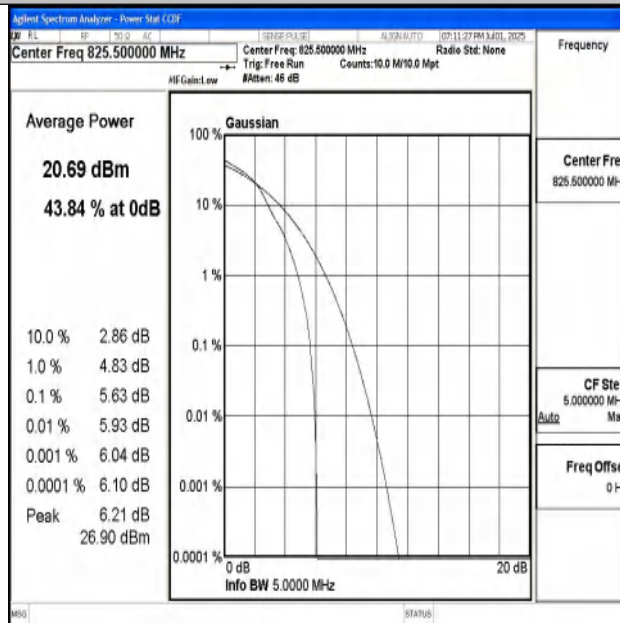
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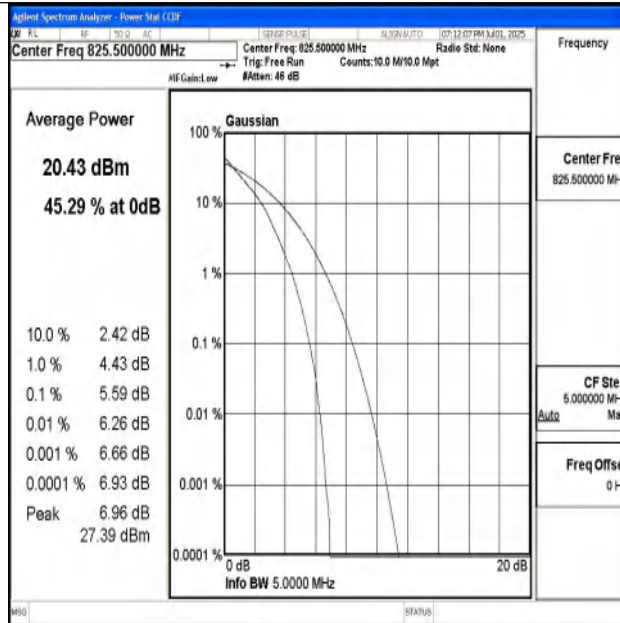
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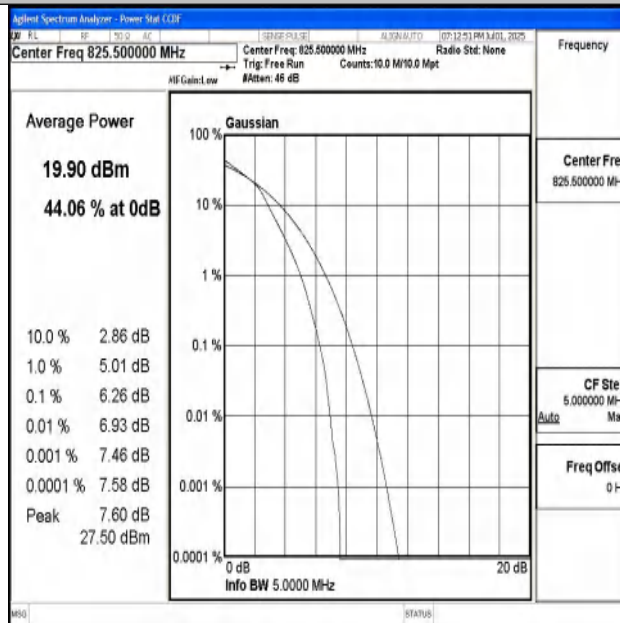
Band5-3MHz-QPSK-20415-1RB#0-PASS



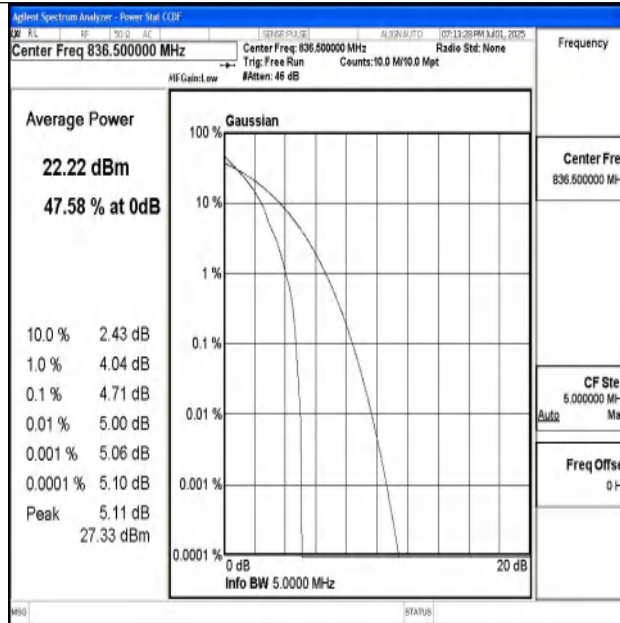
Band5-3MHz-16QAM-20415-1RB#0-PASS



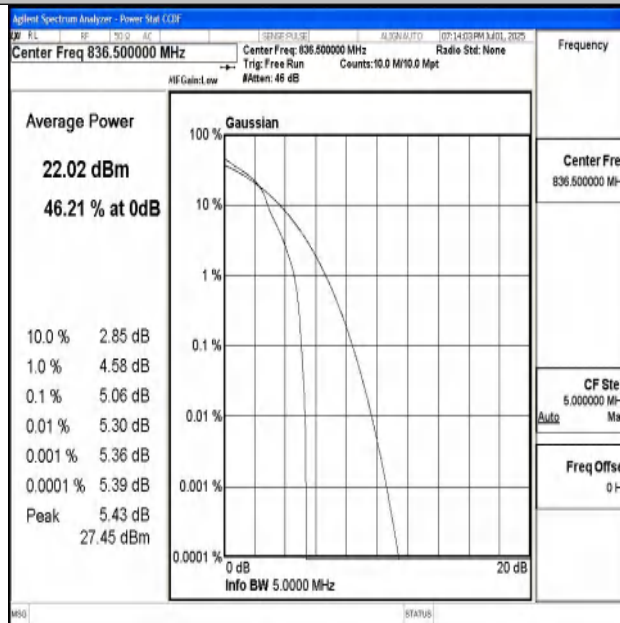
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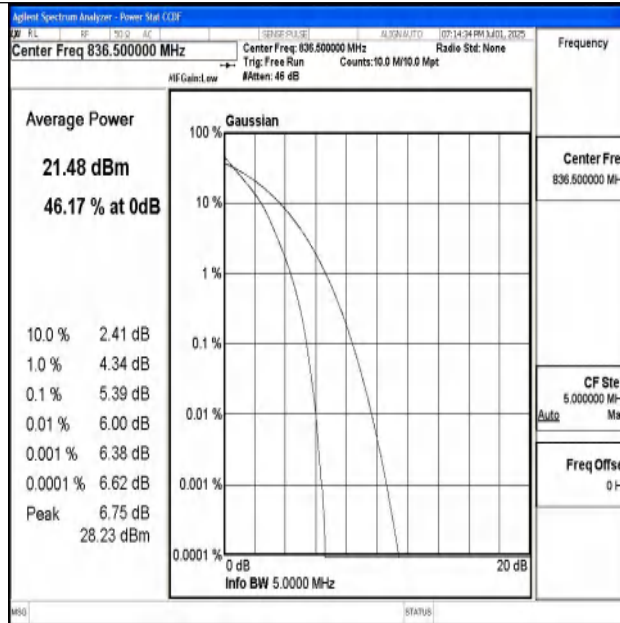
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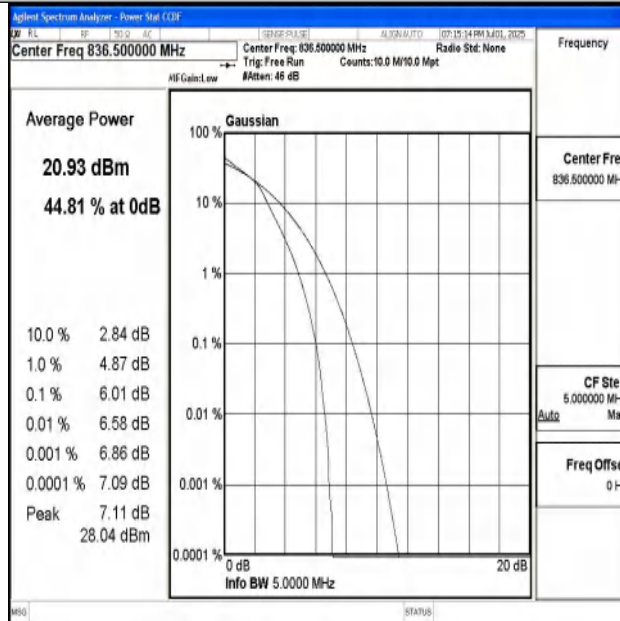
Band5-3MHz-QPSK-20525-1RB#0-PASS



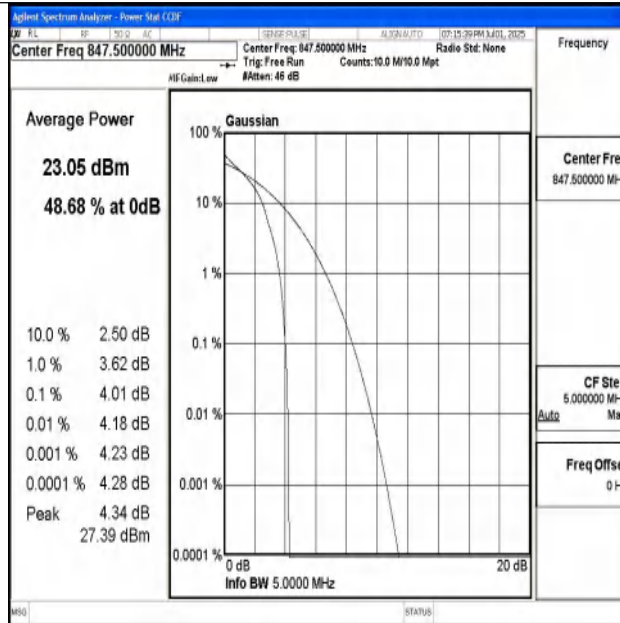
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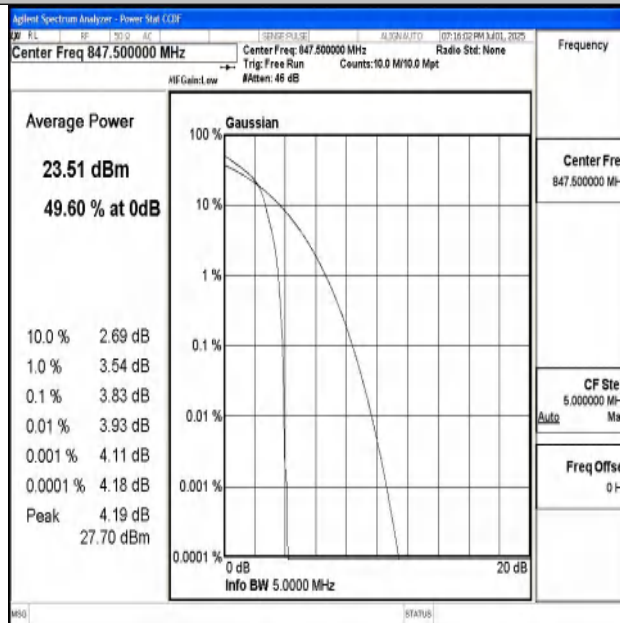
Band5-3MHz-QPSK-20525-15RB#0-PASS



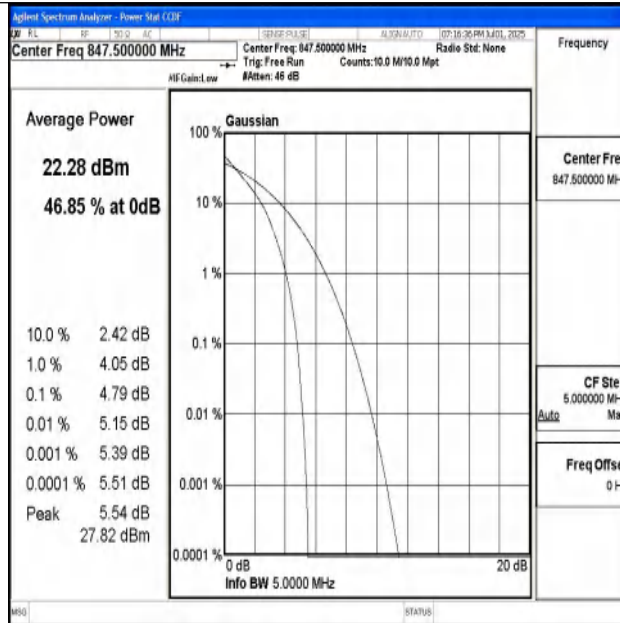
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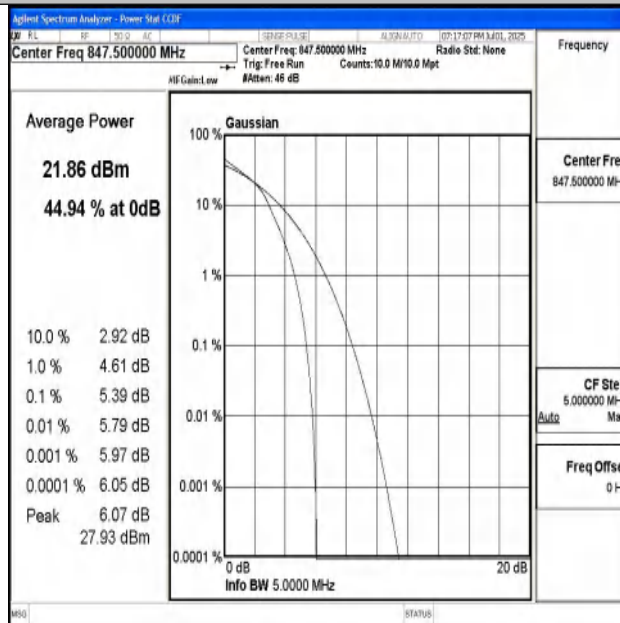
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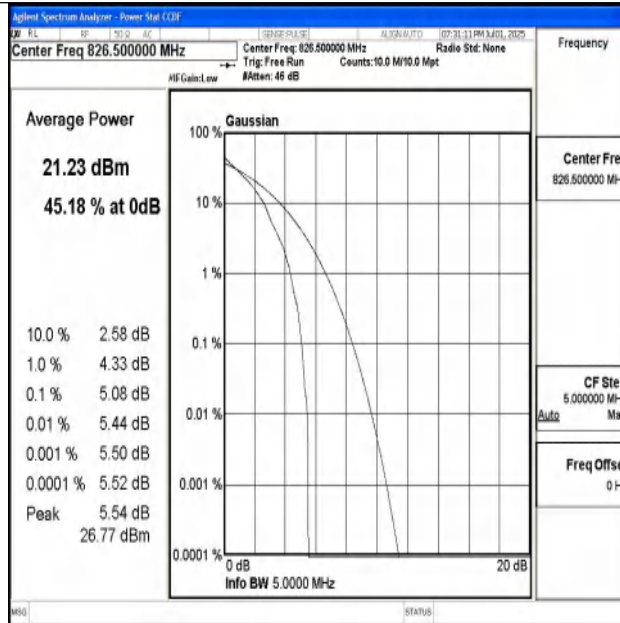
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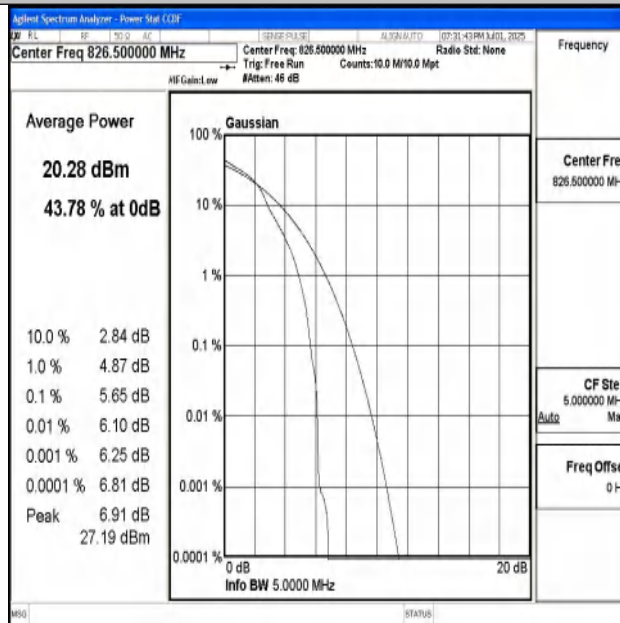
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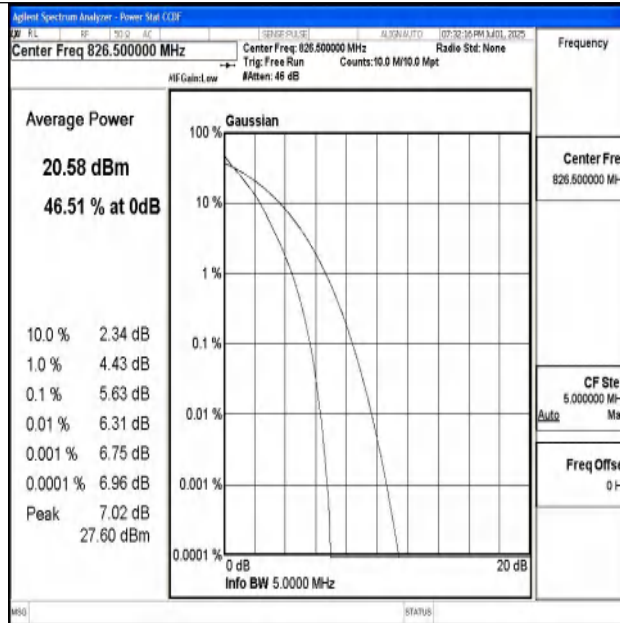
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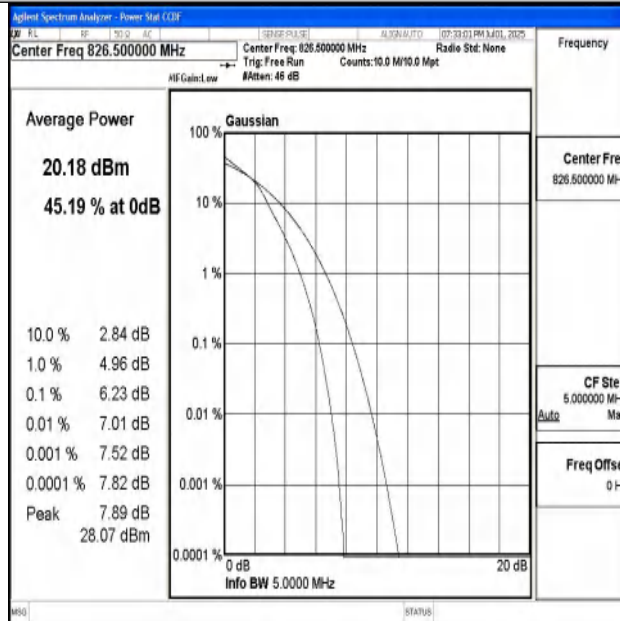
Band5-5MHz-QPSK-20425-1RB#0-PASS



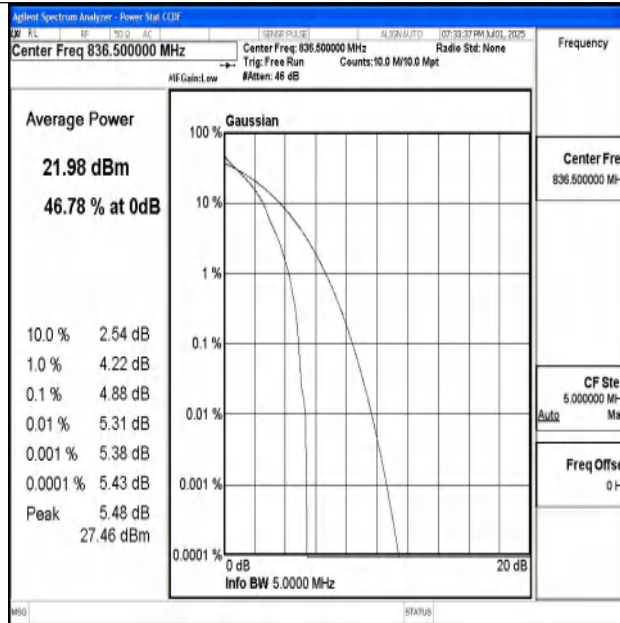
Band5-5MHz-16QAM-20425-1RB#0-PASS



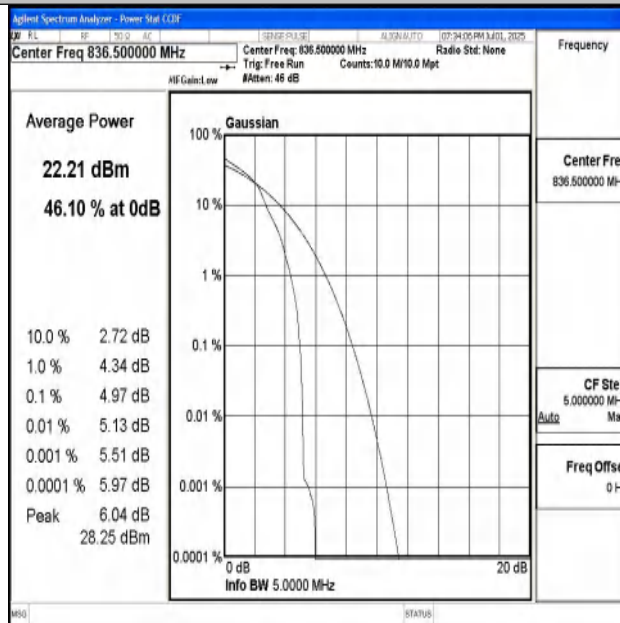
Band5-5MHz-QPSK-20425-25RB#0-PASS



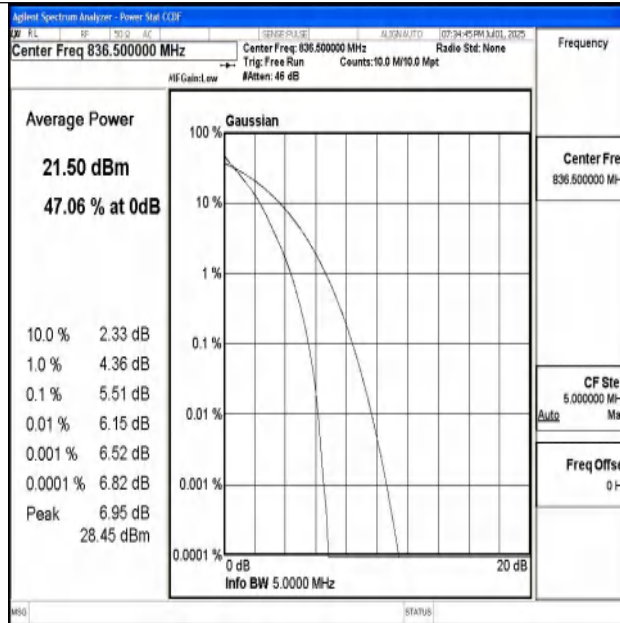
Band5-5MHz-16QAM-20425-25RB#0-PASS



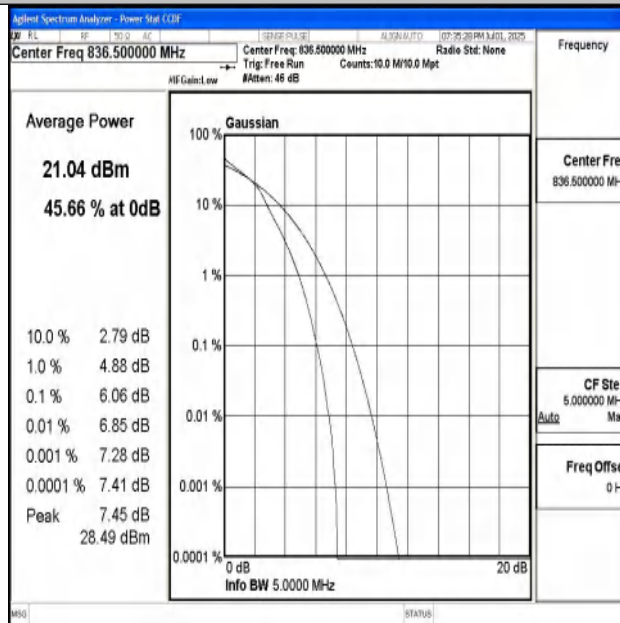
Band5-5MHz-QPSK-20525-1RB#0-PASS



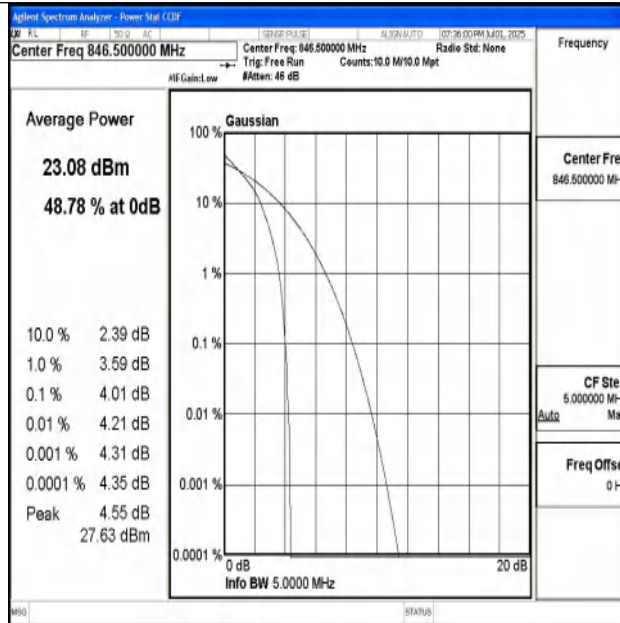
Band5-5MHz-16QAM-20525-1RB#0-PASS



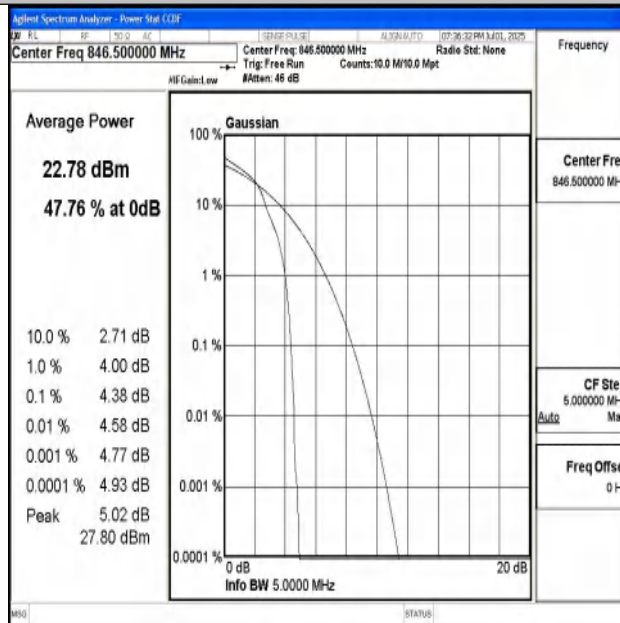
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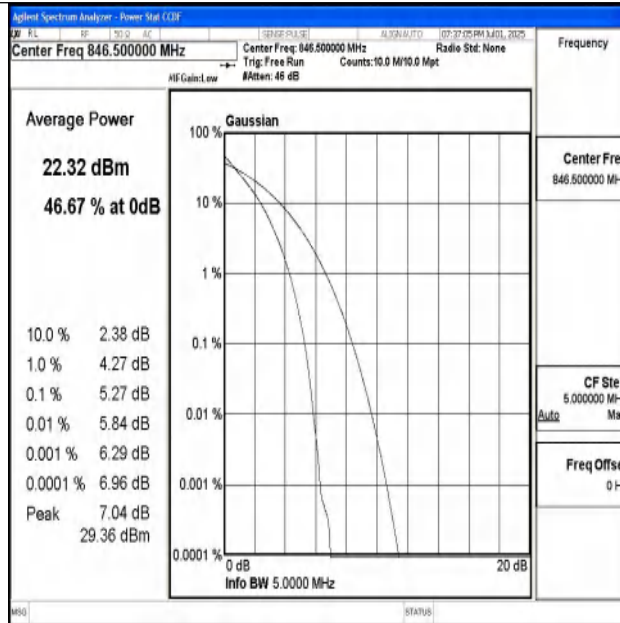
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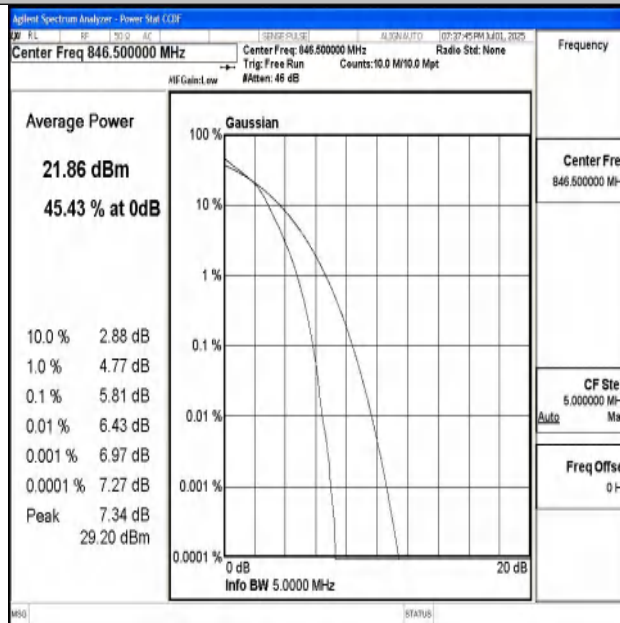
Band5-5MHz-QPSK-20625-1RB#0-PASS



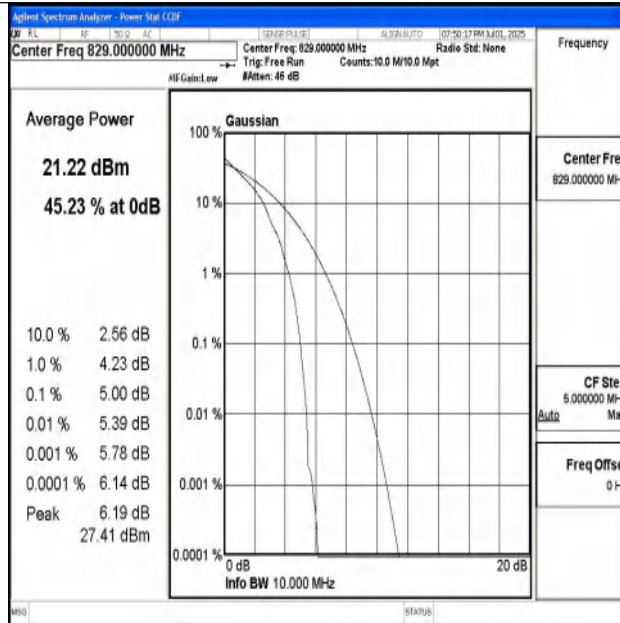
Band5-5MHz-16QAM-20625-1RB#0-PASS



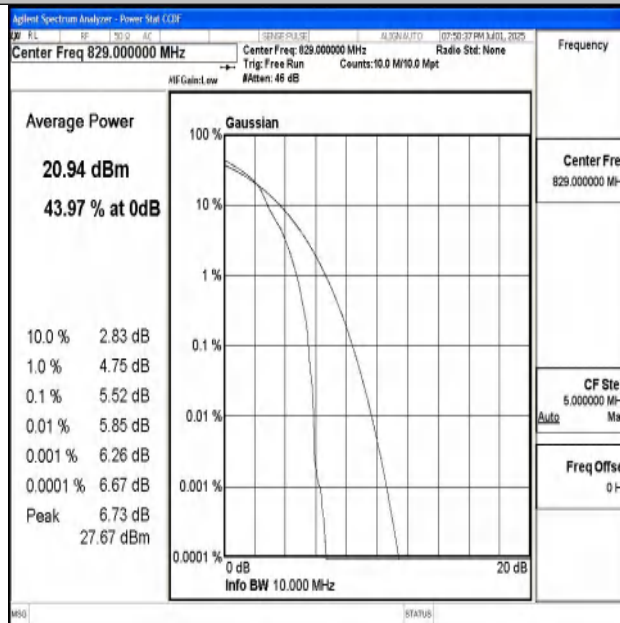
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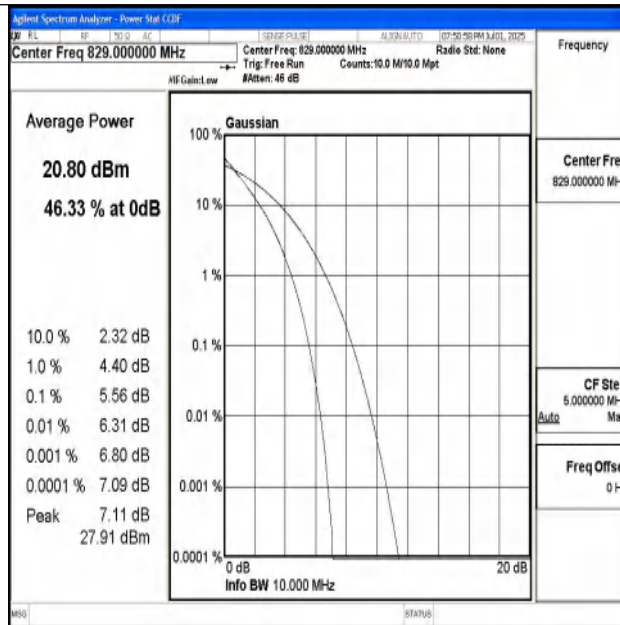
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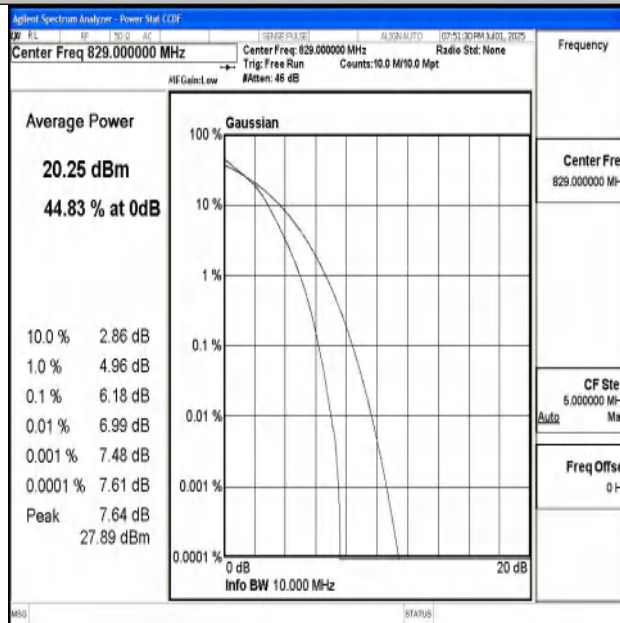
Band5-10MHz-QPSK-20450-1RB#0-PASS



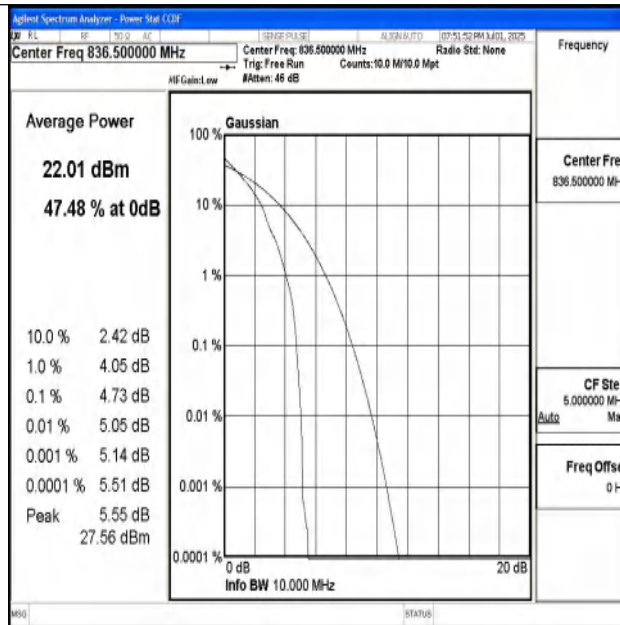
Band5-10MHz-16QAM-20450-1RB#0-PASS



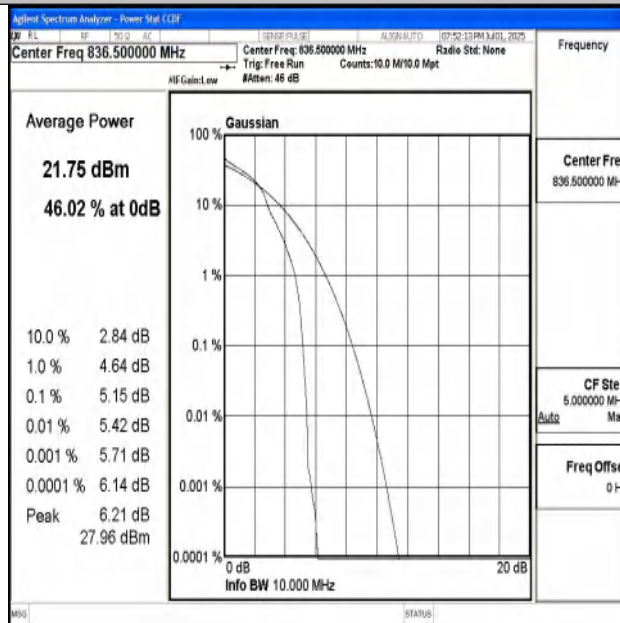
Band5-10MHz-QPSK-20450-50RB#0-PASS



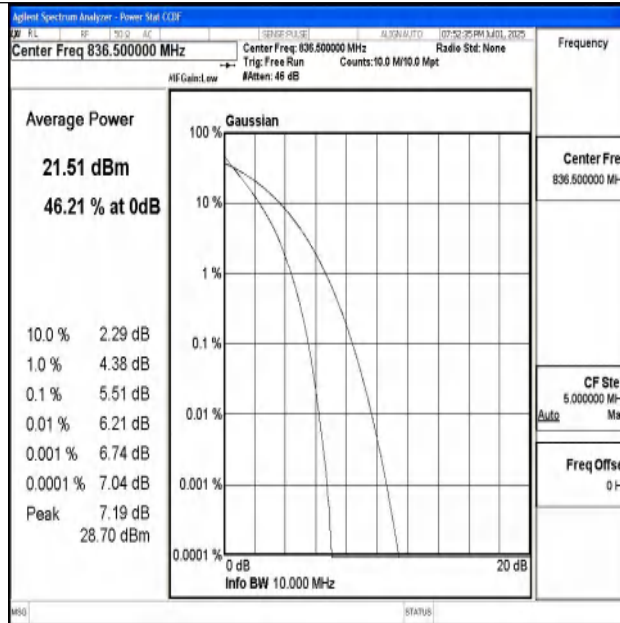
Band5-10MHz-16QAM-20450-50RB#0-PASS



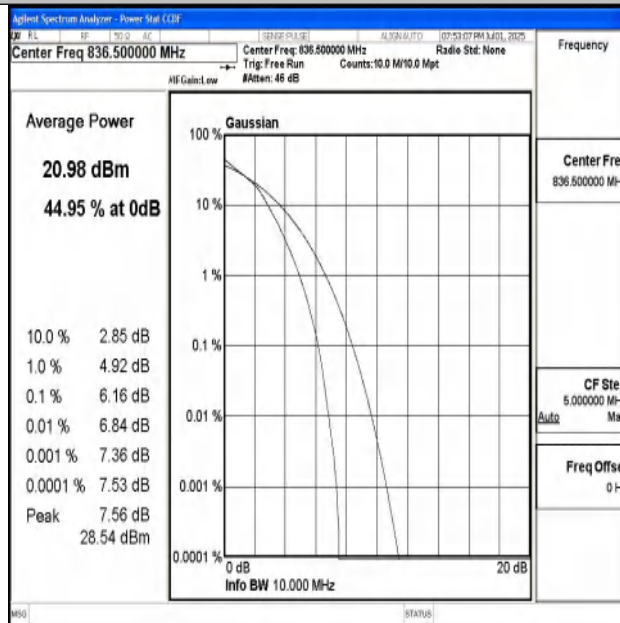
Band5-10MHz-QPSK-20525-1RB#0-PASS



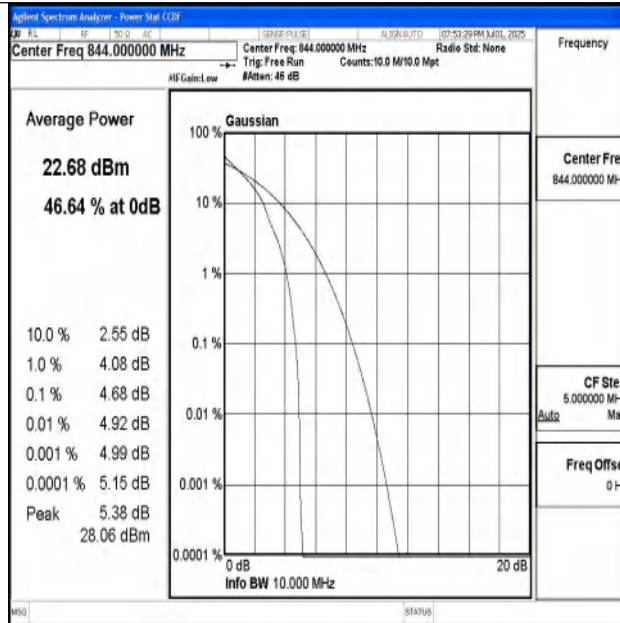
Band5-10MHz-16QAM-20525-1RB#0-PASS



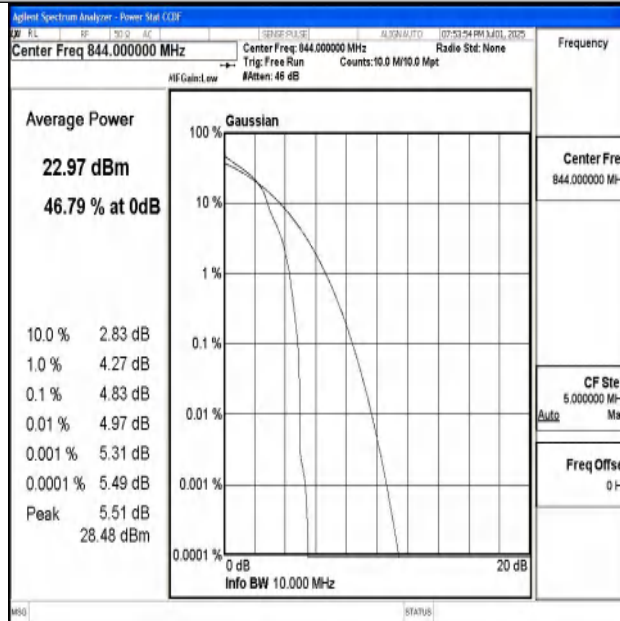
Band5-10MHz-QPSK-20525-50RB#0-PASS



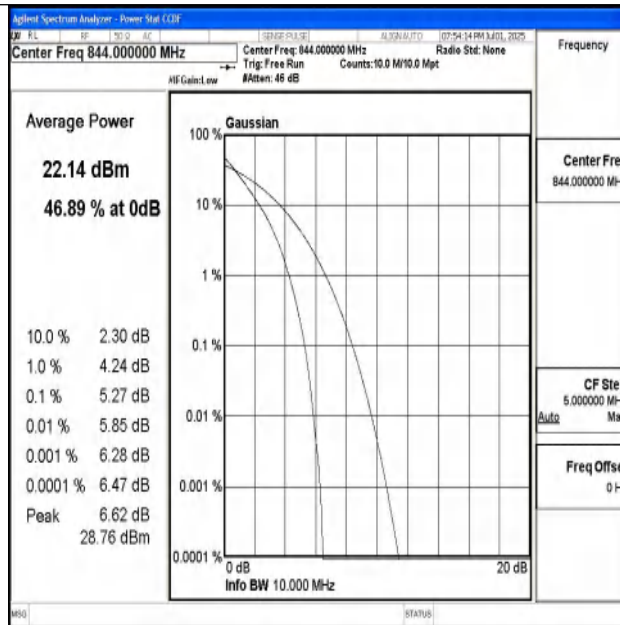
Band5-10MHz-16QAM-20525-50RB#0-PASS



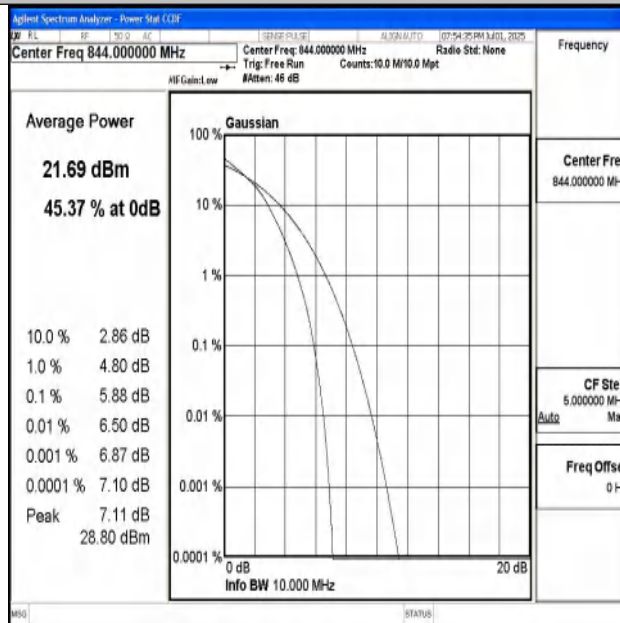
Band5-10MHz-QPSK-20600-1RB#0-PASS



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



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



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

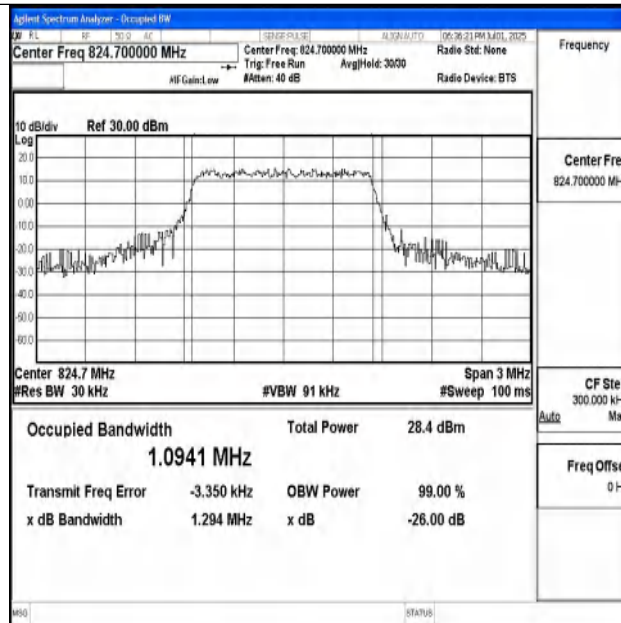


2. 26dB Bandwidth and Occupied Bandwidth

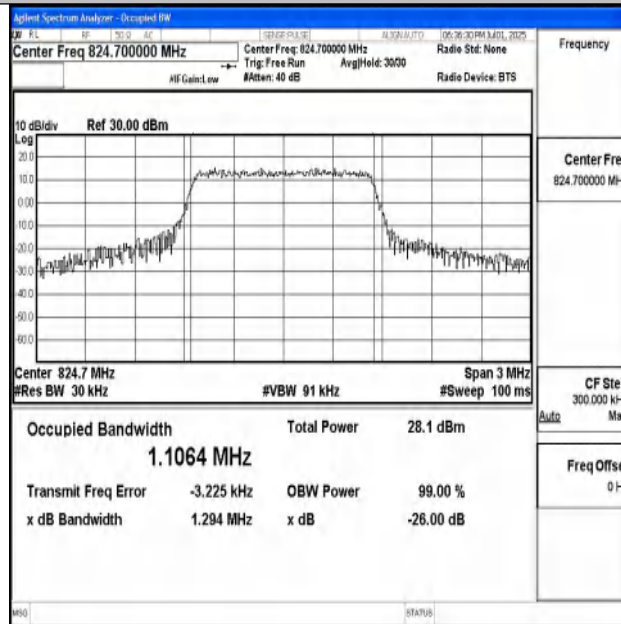
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0941	1.294	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1064	1.294	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0959	1.303	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1017	1.362	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0999	1.278	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0957	1.340	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7794	3.437	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7428	3.205	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7518	3.538	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7627	3.425	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7678	3.321	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7641	3.443	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5198	5.280	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5123	5.286	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5105	5.345	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5377	5.320	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5219	5.452	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5498	5.346	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9723	9.925	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9573	9.944	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0087	10.24	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0084	10.42	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9832	9.851	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9616	10.07	PASS

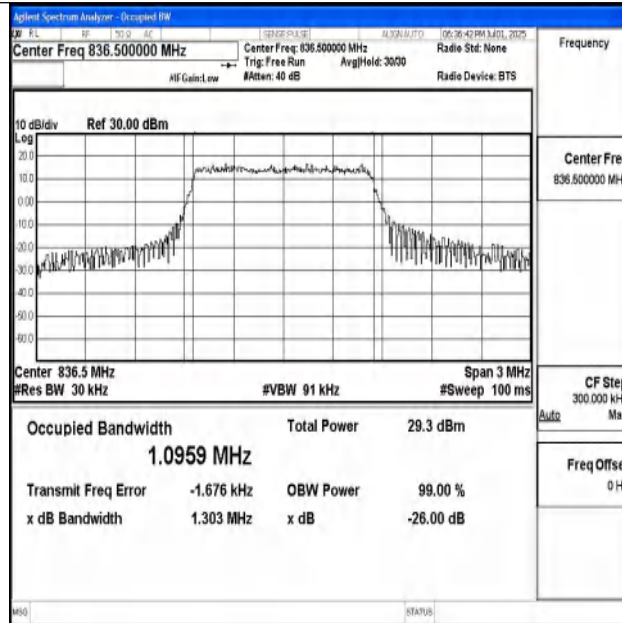
Test Graphs



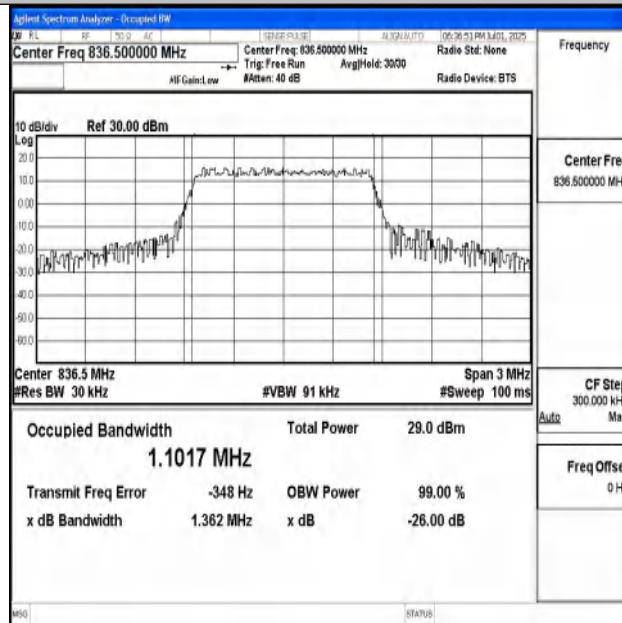
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



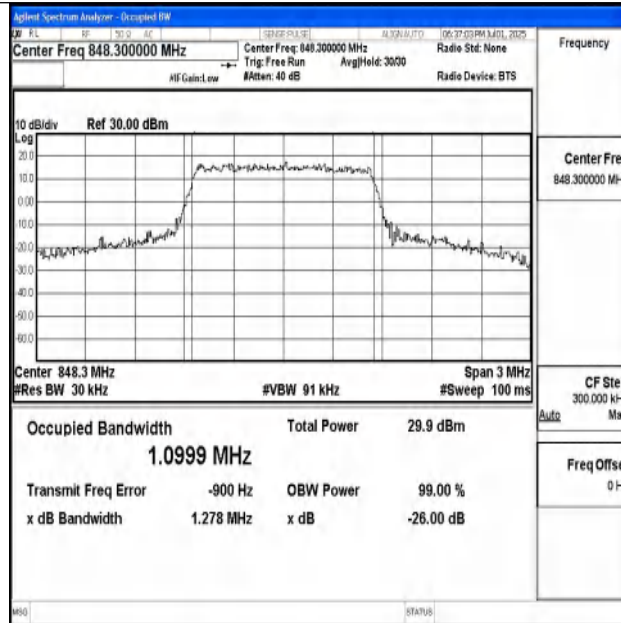
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



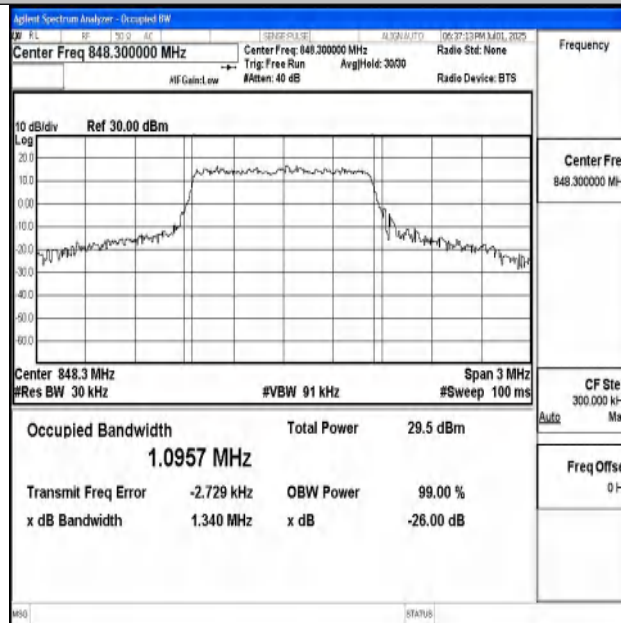
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



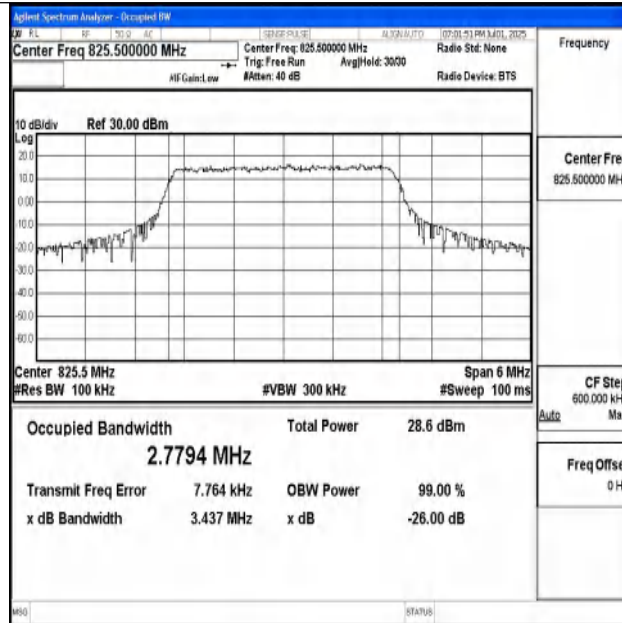
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



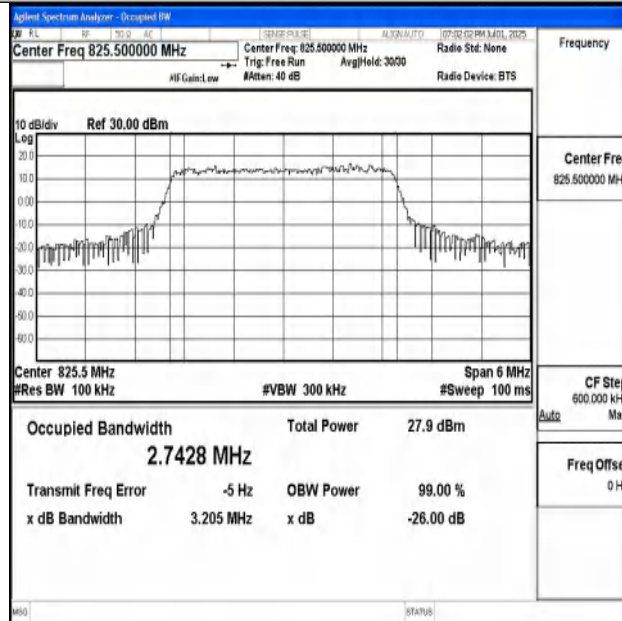
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



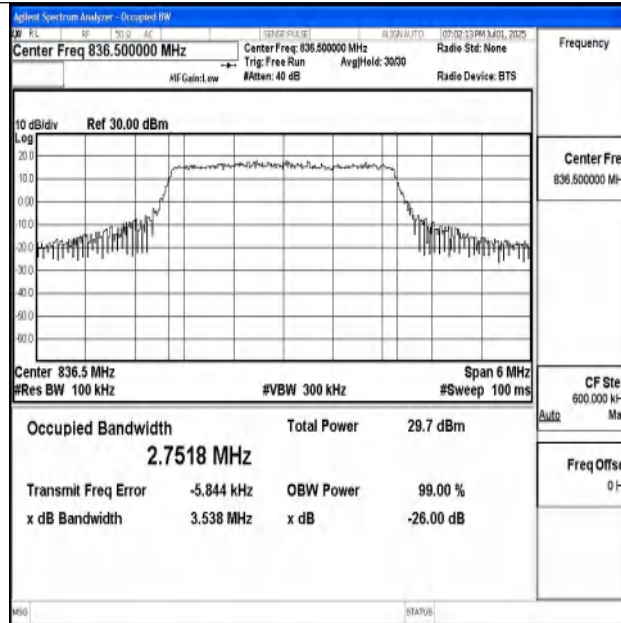
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



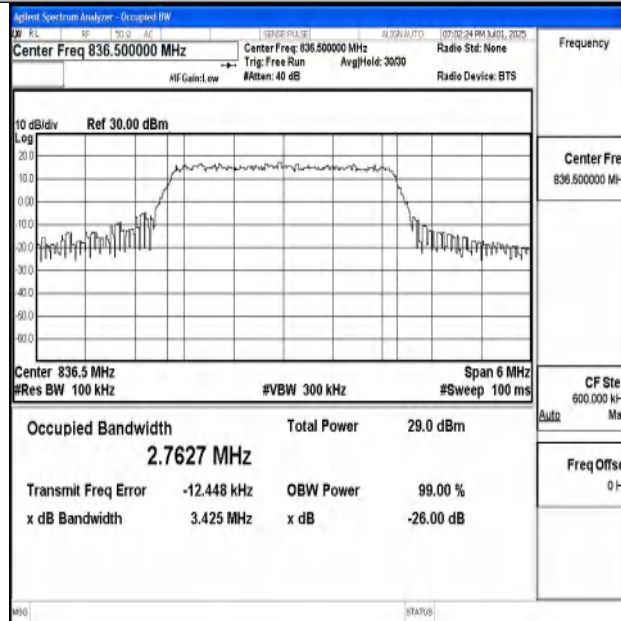
Band5-3MHz-QPSK-20415-15RB#0-PASS



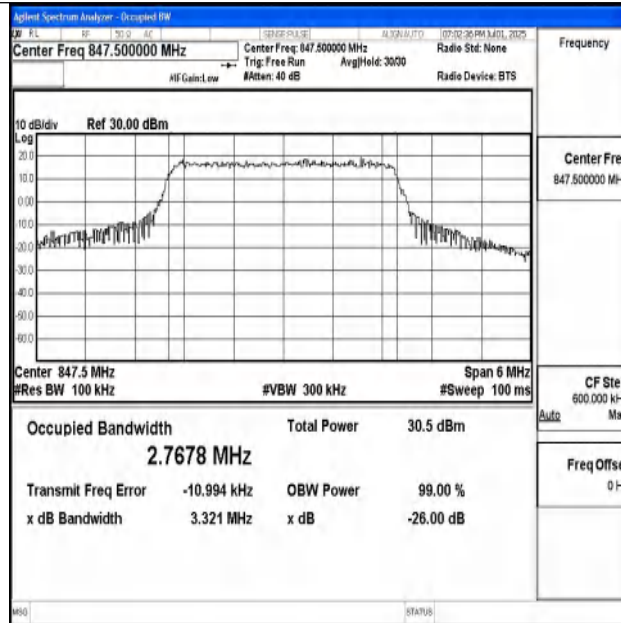
Band5-3MHz-16QAM-20415-15RB#0-PASS



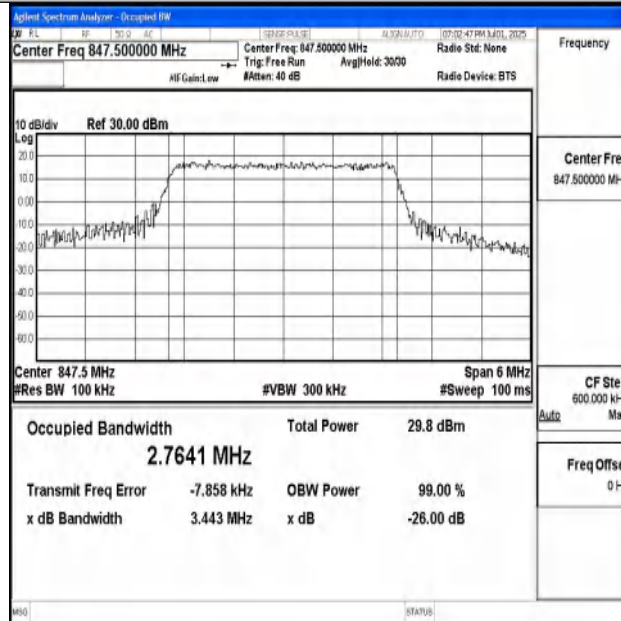
Band5-3MHz-QPSK-20525-15RB#0-PASS



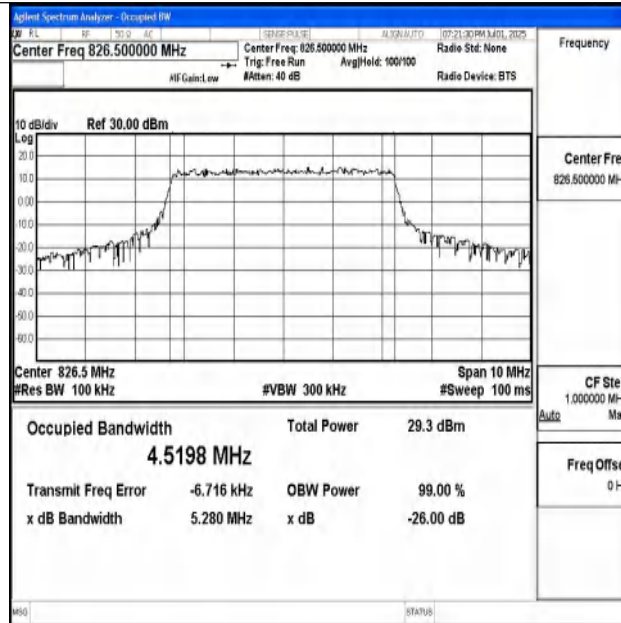
Band5-3MHz-16QAM-20525-15RB#0-PASS



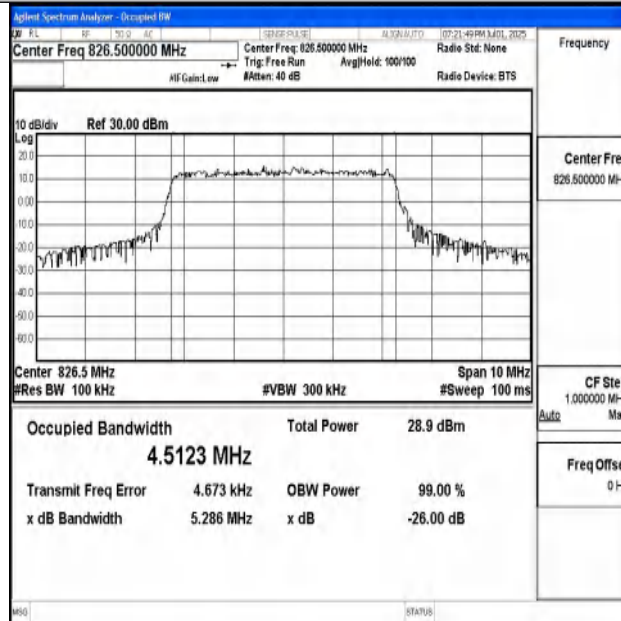
Band5-3MHz-QPSK-20635-15RB#0-PASS



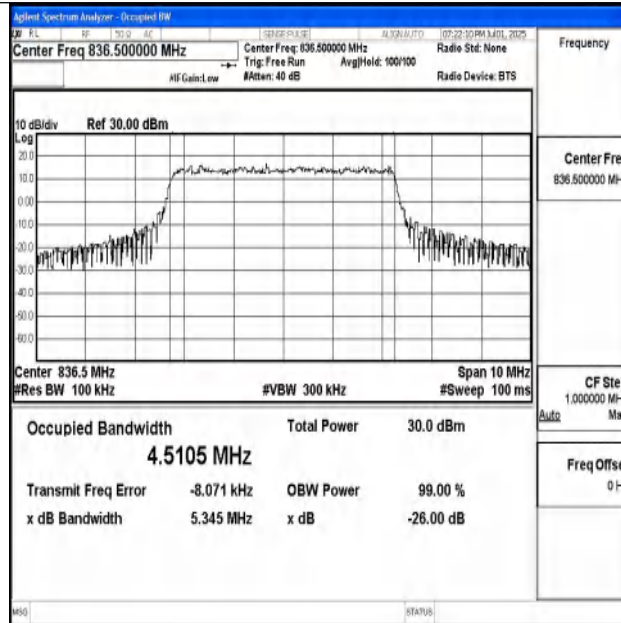
Band5-3MHz-16QAM-20635-15RB#0-PASS



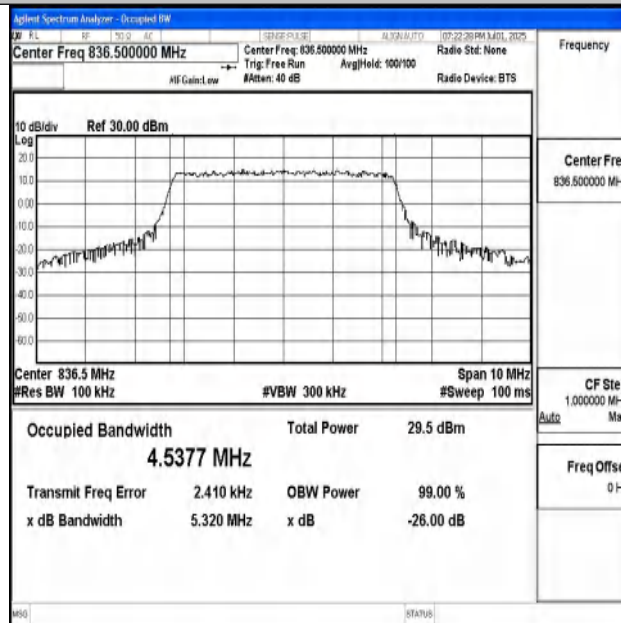
Band5-5MHz-QPSK-20425-25RB#0-PASS



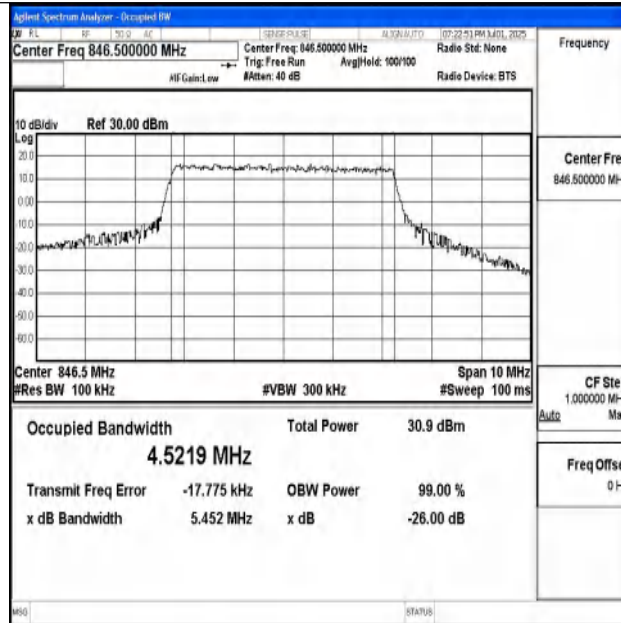
Band5-5MHz-16QAM-20425-25RB#0-PASS



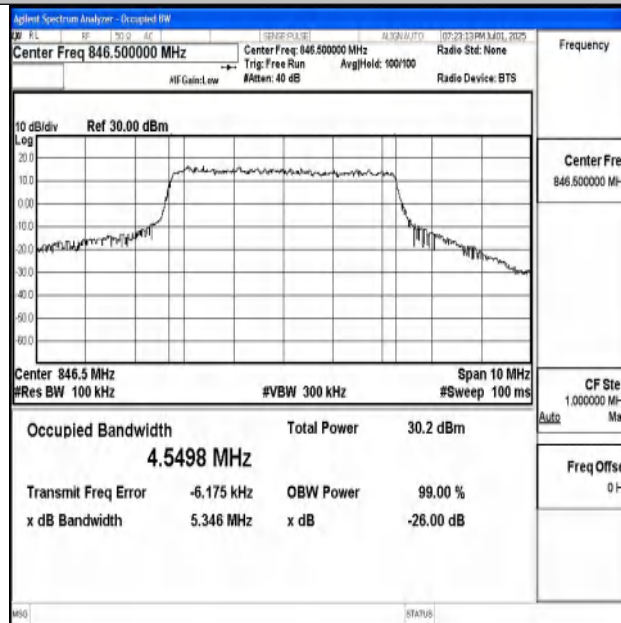
Band5-5MHz-QPSK-20525-25RB#0-PASS



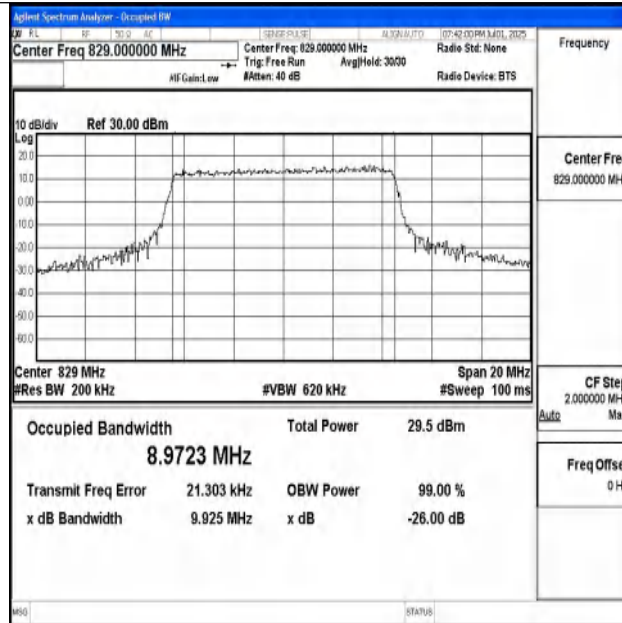
Band5-5MHz-16QAM-20525-25RB#0-PASS



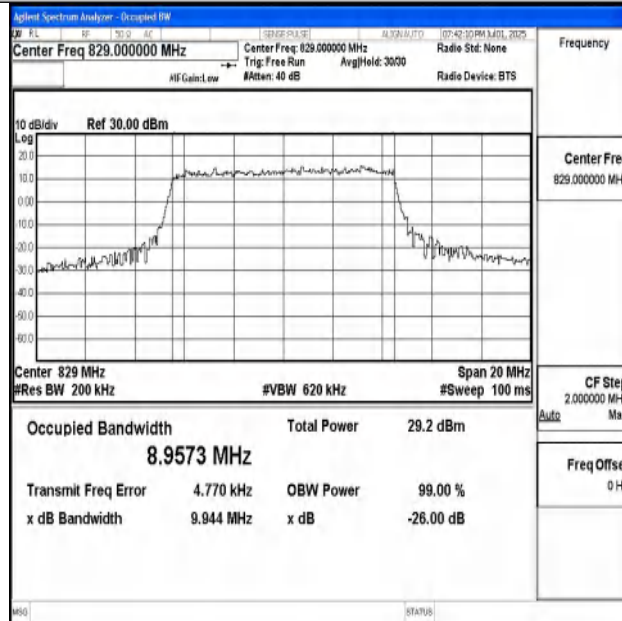
Band5-5MHz-QPSK-20625-25RB#0-PASS



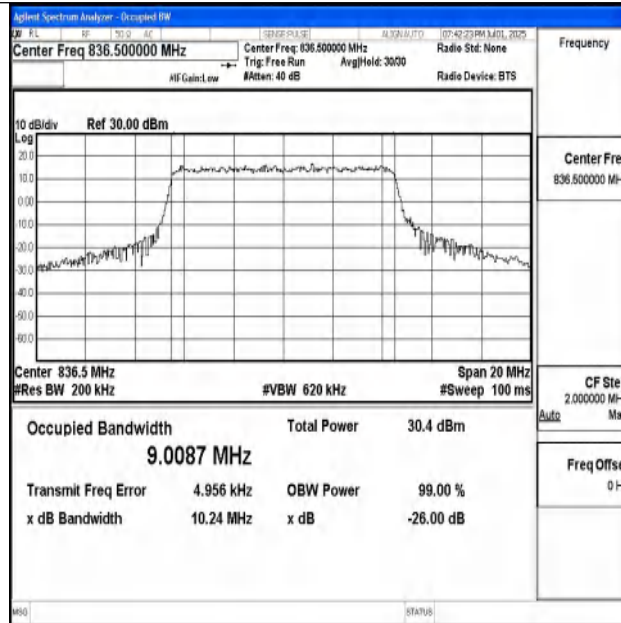
Band5-5MHz-16QAM-20625-25RB#0-PASS



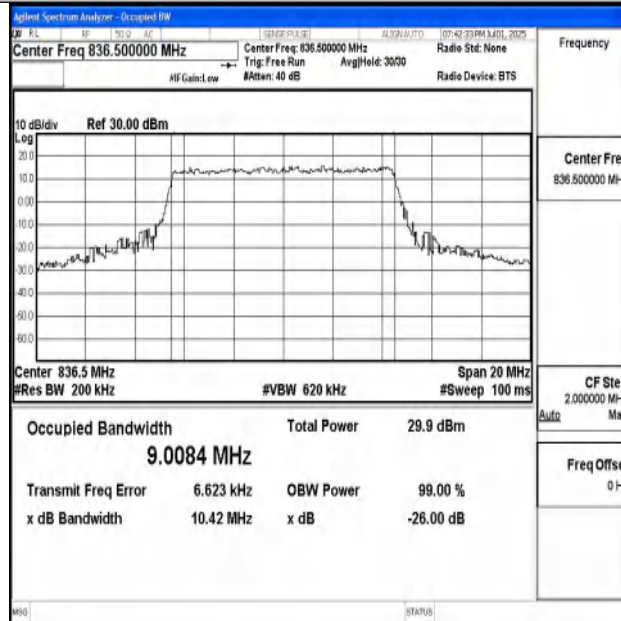
Band5-10MHz-QPSK-20450-50RB#0-PASS



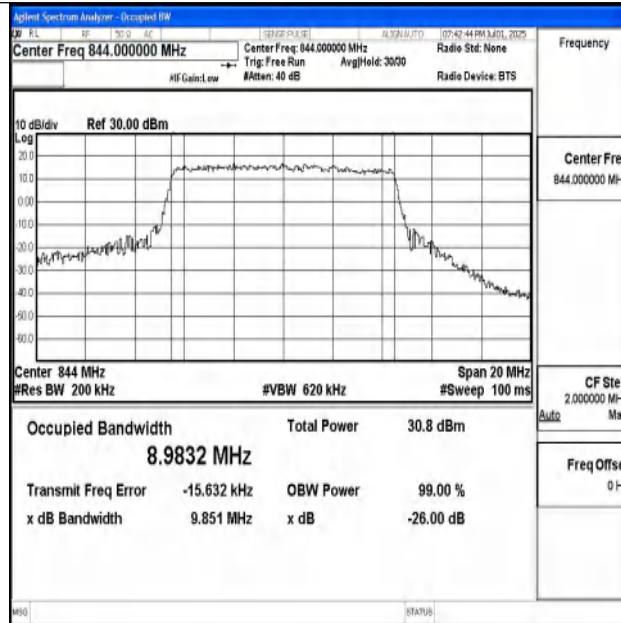
Band5-10MHz-16QAM-20450-50RB#0-PASS



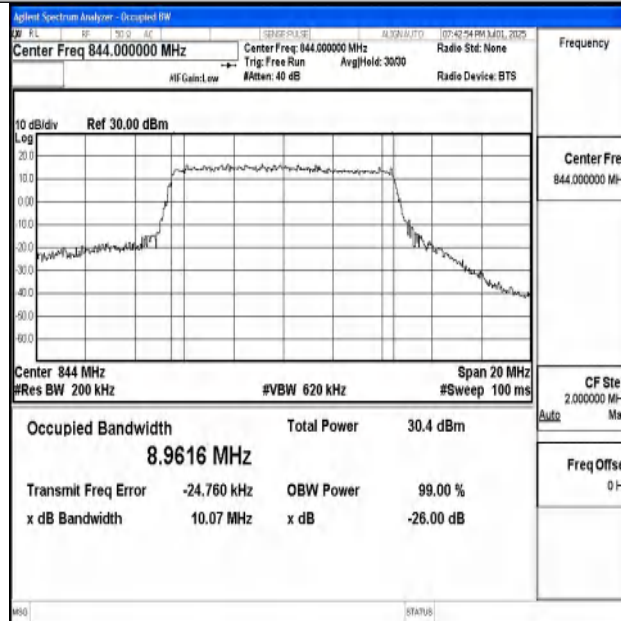
Band5-10MHz-QPSK-20525-50RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS



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



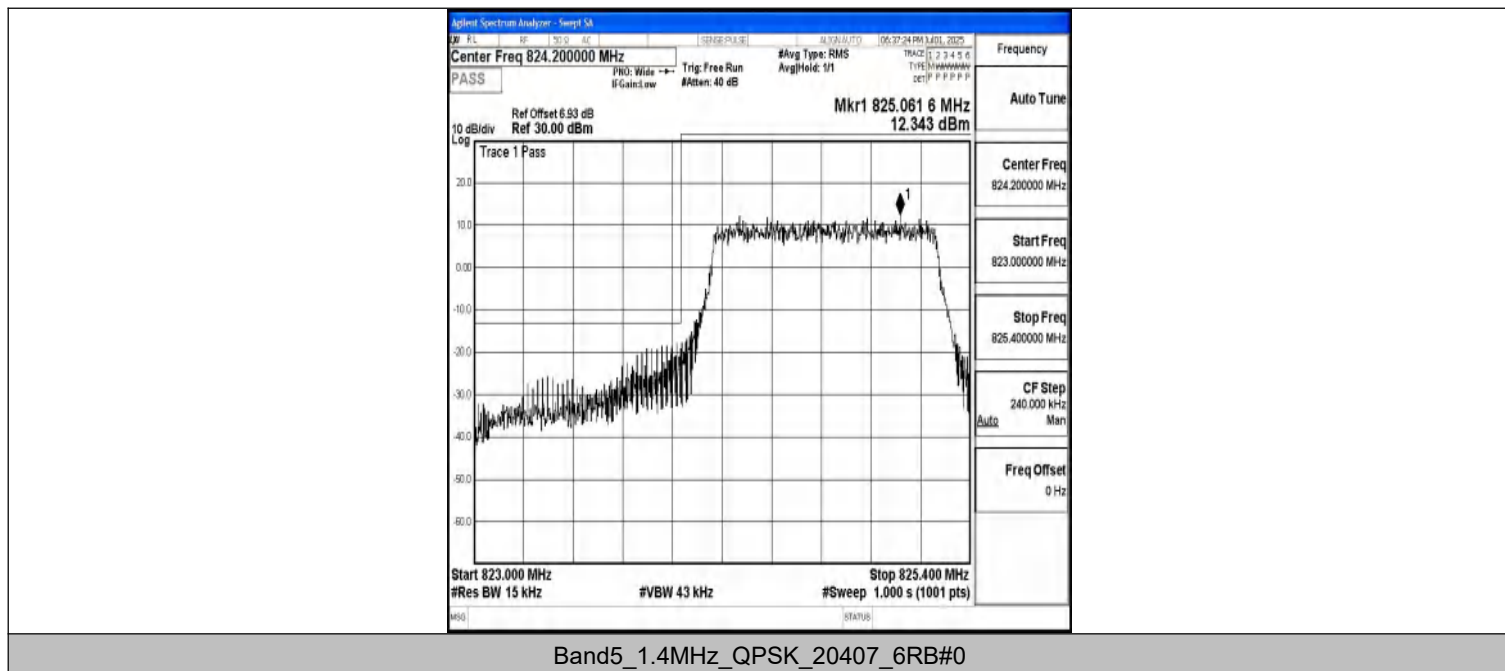
Band5-10MHz-16QAM-20600-50RB#0-PASS

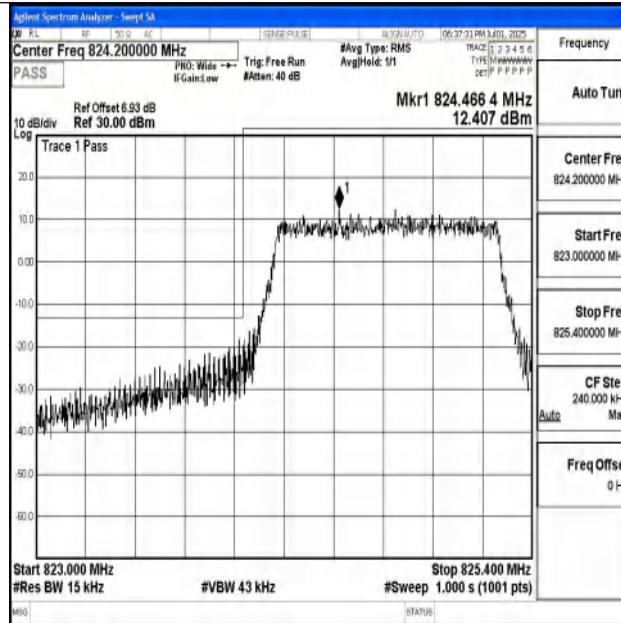
3. Band Edge

Test Result

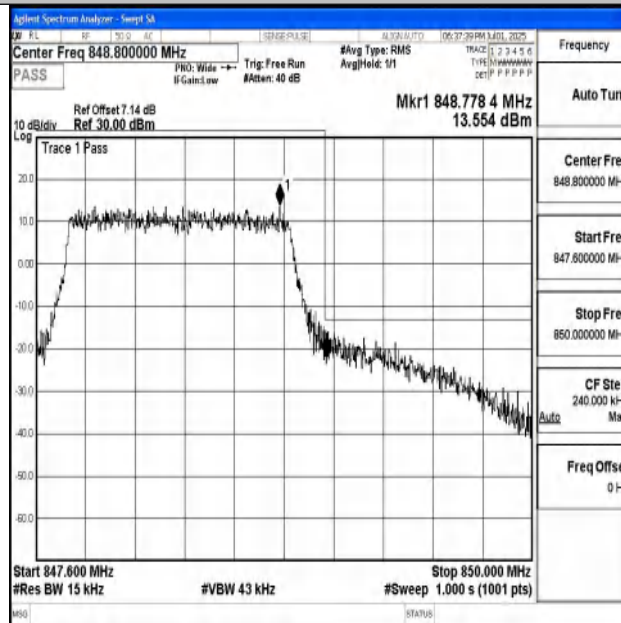
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.98	-17.92	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.98	-18.22	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.00	-15.65	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.06	-14.55	PASS
Band5	3MHz	QPSK	20415	15RB#0	823.98	-19.62	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.99	-18.33	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.01	-16.29	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.01	-18.43	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.96	-18.94	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.97	-20.96	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.02	-16.19	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.05	-16.69	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.98	-22.27	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.98	-23.21	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.10	-18.68	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.04	-18.83	PASS

Test Graphs

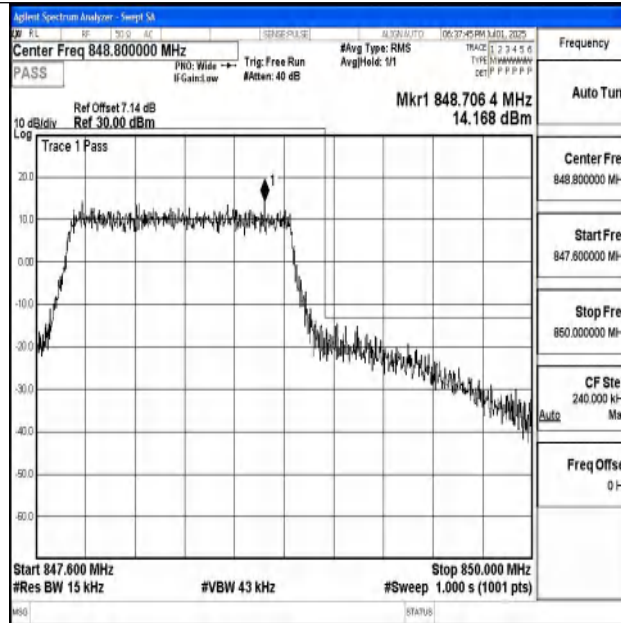




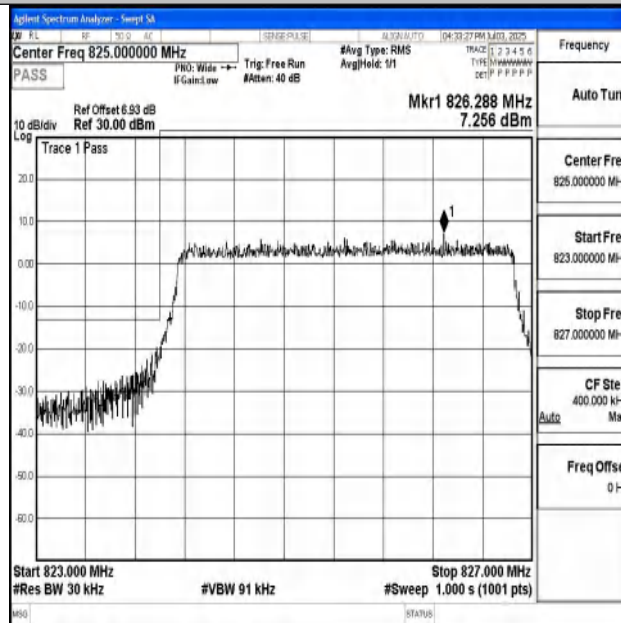
Band5_1.4MHz_16QAM_20407_6RB#0



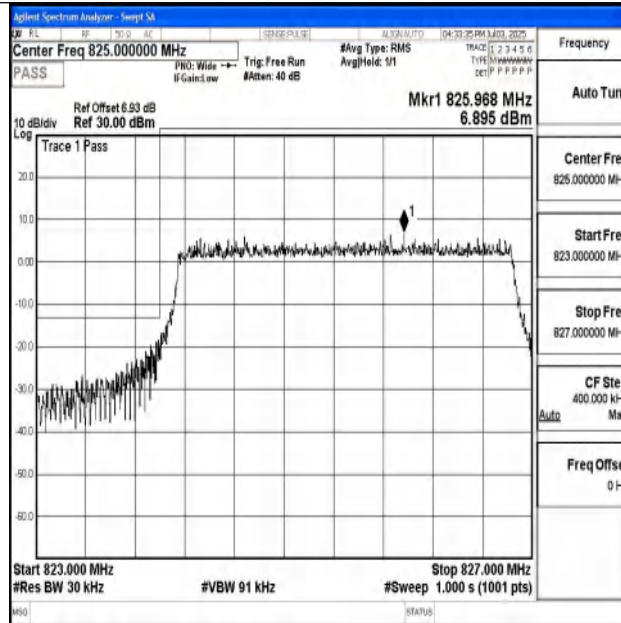
Band5_1.4MHz_QPSK_20643_6RB#0



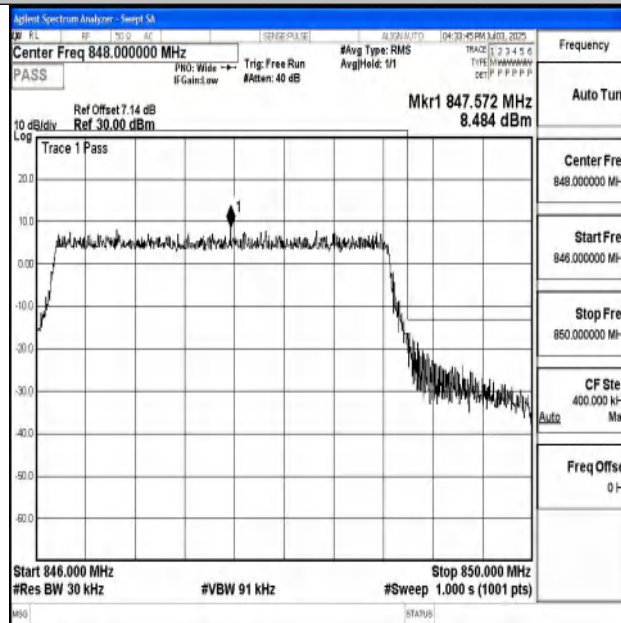
Band5_1.4MHz_16QAM_20643_6RB#0



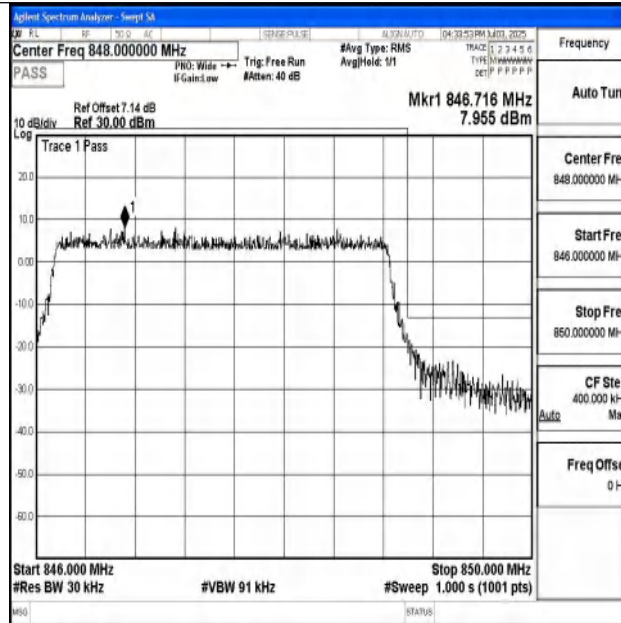
Band5_3MHz_QPSK_20415_15RB#0



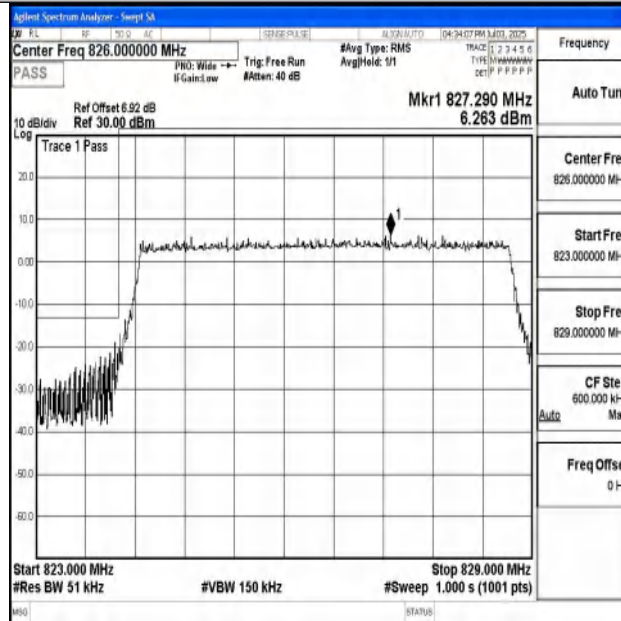
Band5_3MHz_16QAM_20415_15RB#0



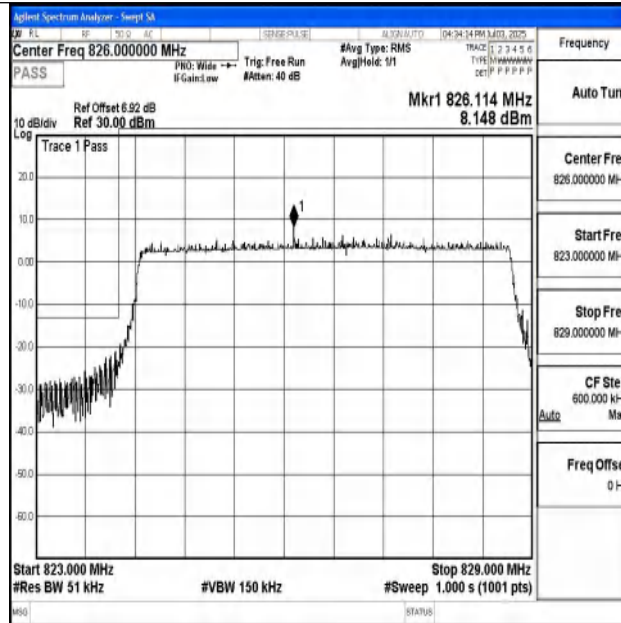
Band5_3MHz_QPSK_20635_15RB#0



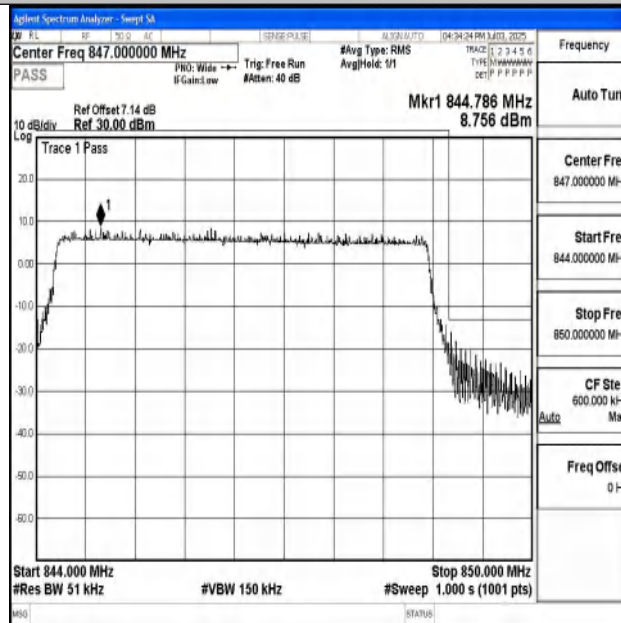
Band5_3MHz_16QAM_20635_15RB#0



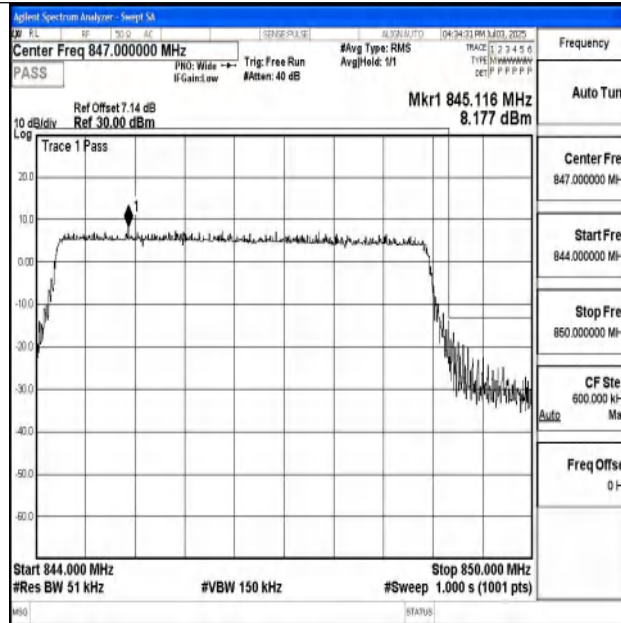
Band5_5MHz_QPSK_20425_25RB#0



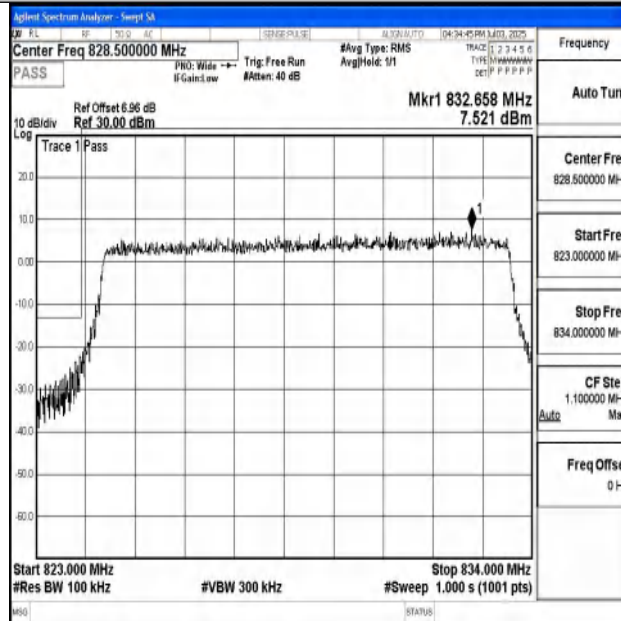
Band5_5MHz_16QAM_20425_25RB#0



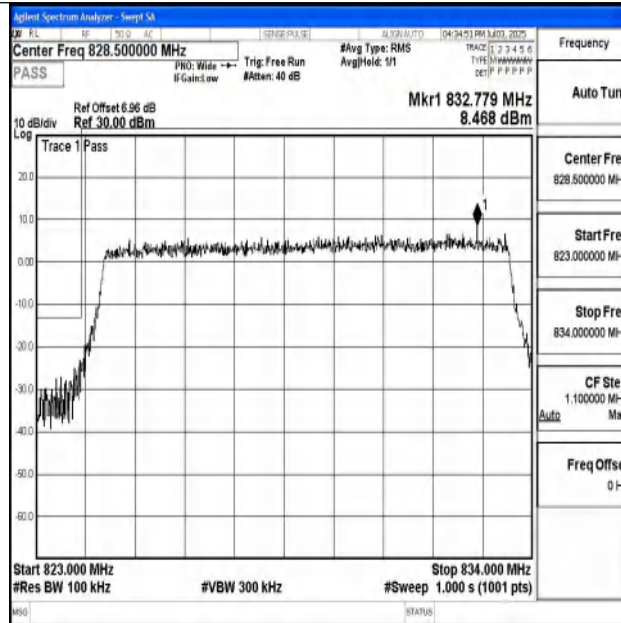
Band5_5MHz_QPSK_20625_25RB#0



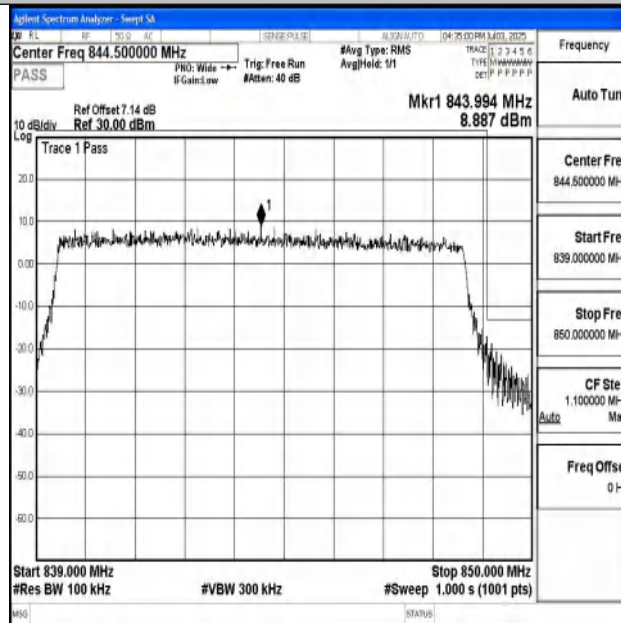
Band5_5MHz_16QAM_20625_25RB#0



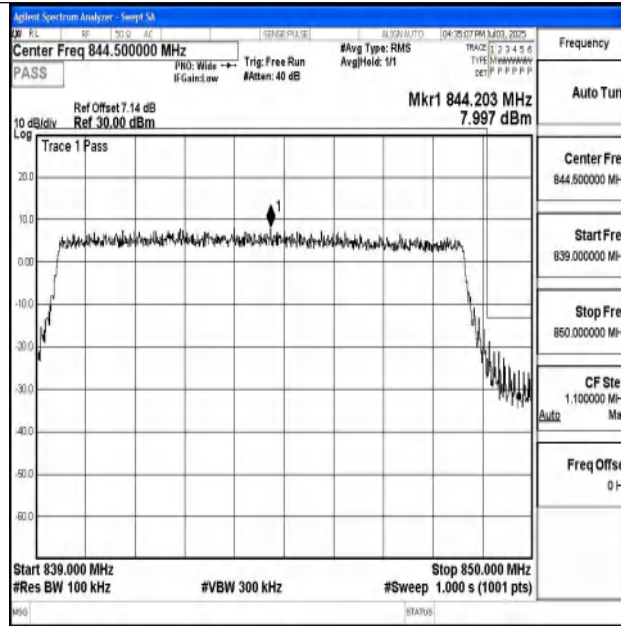
Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20600_50RB#0

4. Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-56.19	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-44.01	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-26.79	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-38.04	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-35.06	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-56.09	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-44.78	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-25.82	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-36.32	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-35.77	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-57.66	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-43.41	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-27.07	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-37.22	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-35.70	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-58.78	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-48.65	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-25.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-35.73	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-34.15	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-55.59	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-46.54	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-22.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-37.69	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-34.74	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-57.84	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-45.86	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-28.24	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-38.19	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-35.21	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-56.38	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-47.25	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-32.18	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-38.69	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-35.26	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-56.40	PASS

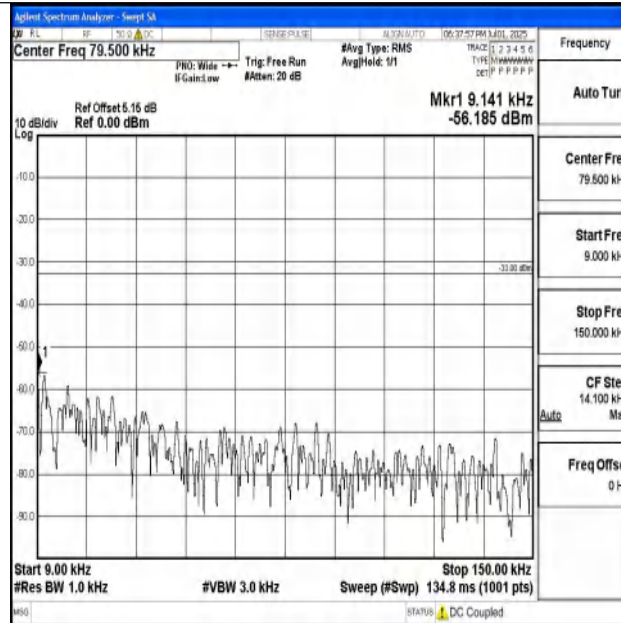


Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-47.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-27.99	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-38.26	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-35.46	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-55.69	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-48.22	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-30.13	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-38.37	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-34.09	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-56.78	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-49.44	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-29.08	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-36.42	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-35.46	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-55.81	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-44.42	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-30.20	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-37.08	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-35.04	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-58.20	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-45.67	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-31.22	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-36.90	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-35.03	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-54.66	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-44.94	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-40.22	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-38.44	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-34.94	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-58.12	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-47.20	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-41.60	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-37.01	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-33.80	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-56.27	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-45.01	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-43.12	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-37.85	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-35.76	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-61.27	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-46.66	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-42.17	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-36.86	PASS

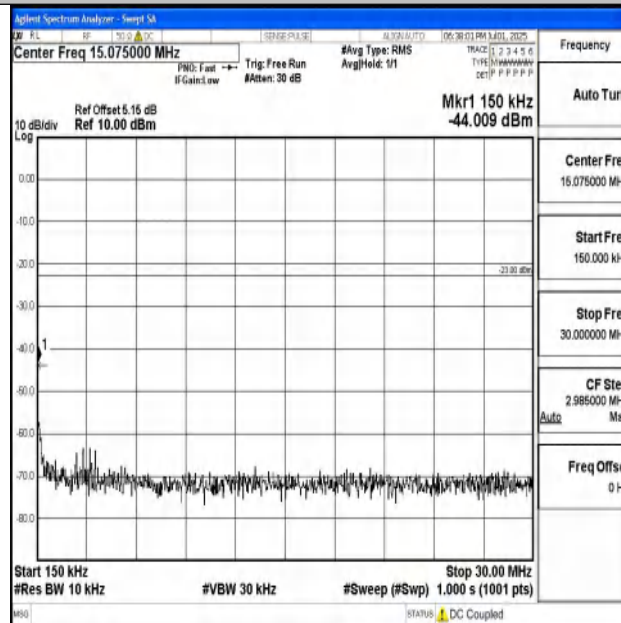


Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-35.60	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-57.59	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-44.49	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-42.79	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-38.32	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-35.07	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-58.04	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-43.79	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-39.10	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-38.56	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-33.83	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-57.38	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-46.23	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-52.66	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-38.53	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-35.30	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-58.06	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-47.13	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-52.81	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-37.61	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-35.20	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-56.44	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-45.18	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-52.46	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-38.55	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-34.80	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-59.47	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-45.72	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-51.77	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-36.59	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-35.24	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-60.09	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-44.00	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-52.34	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-37.65	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-35.32	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-56.26	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-42.11	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-52.33	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-38.55	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-35.48	PASS

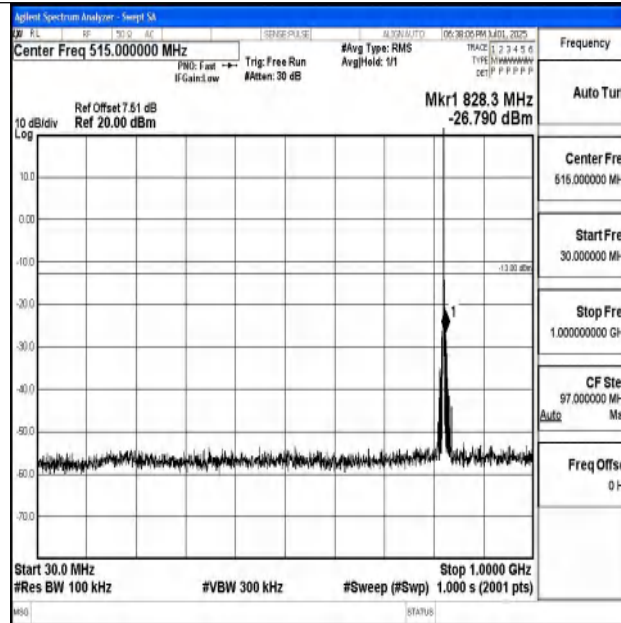
Test Graphs



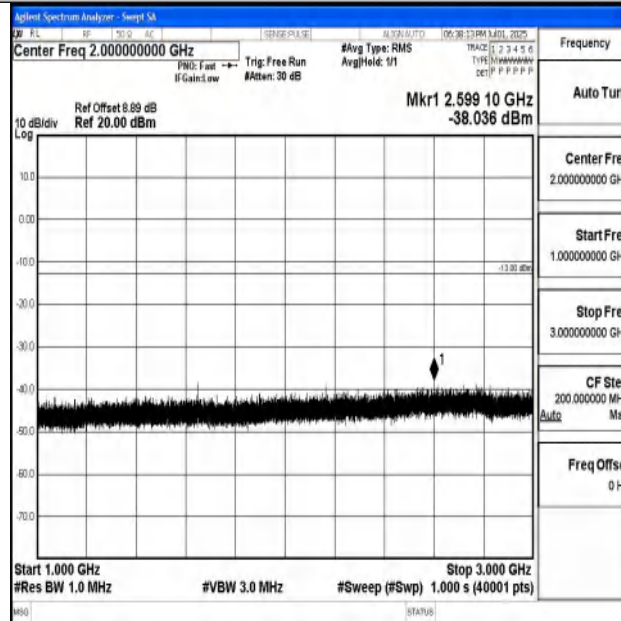
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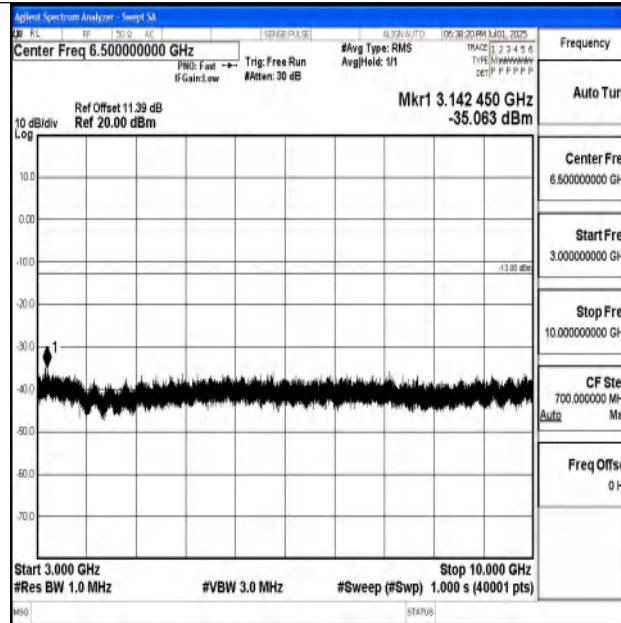
Band5_1.4MHz_QPSK_20407_1RB#0_0.15~30_0.15~30



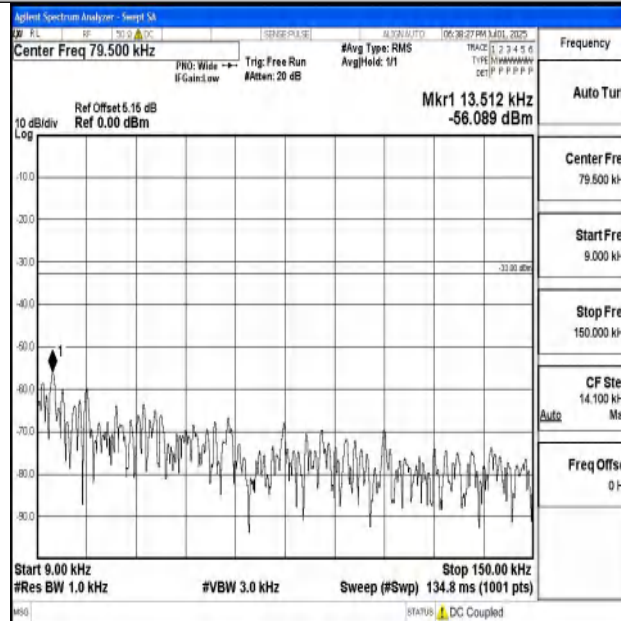
Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000



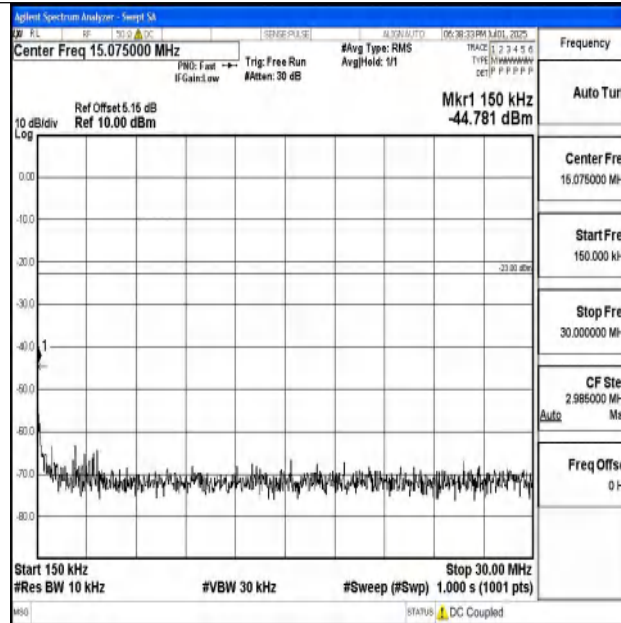
Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000



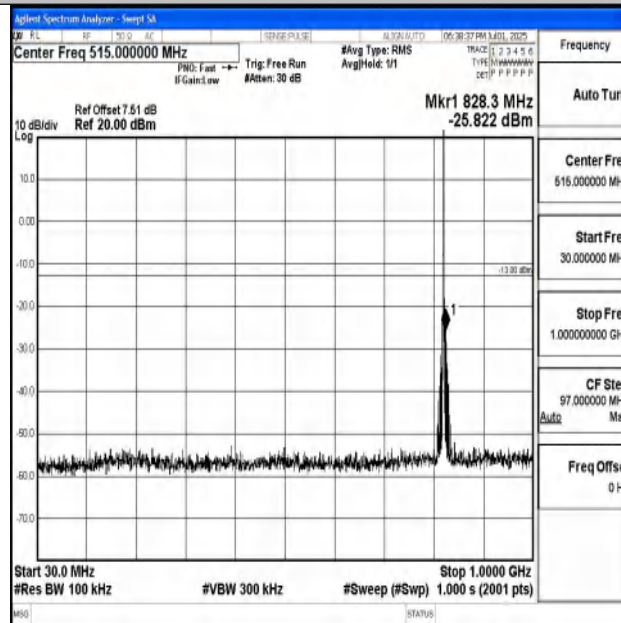
Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000



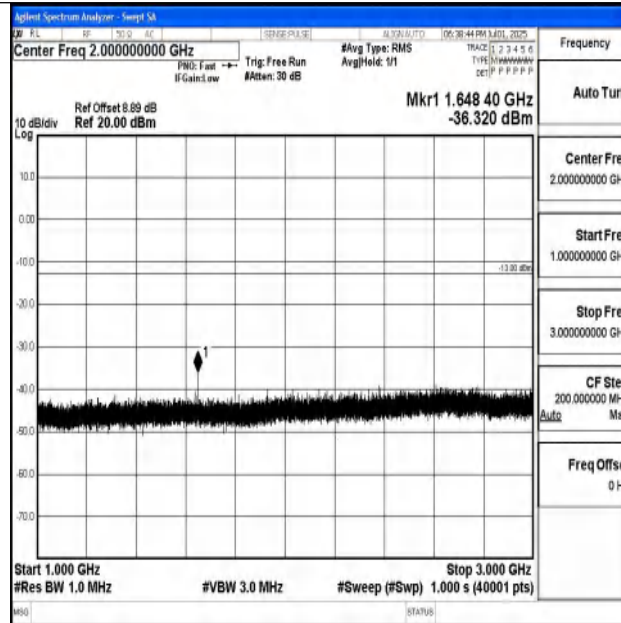
Band5_1.4MHz_16QAM_20407_1RB#0_0.009~0.15_0.009~0.15



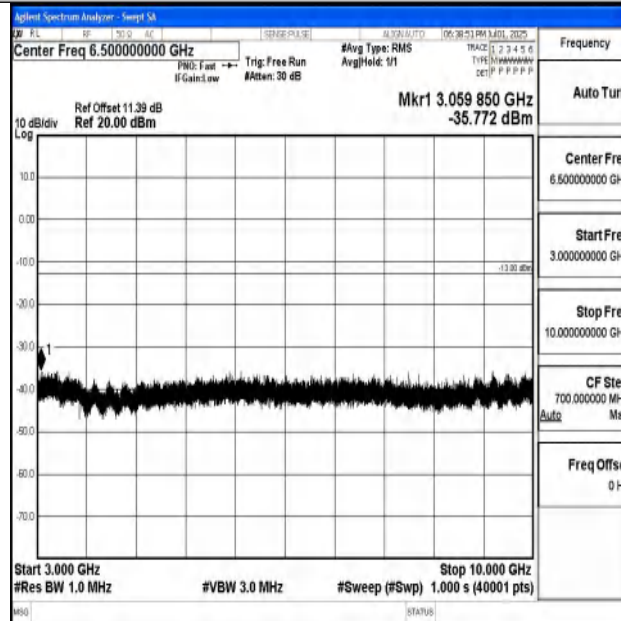
Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30



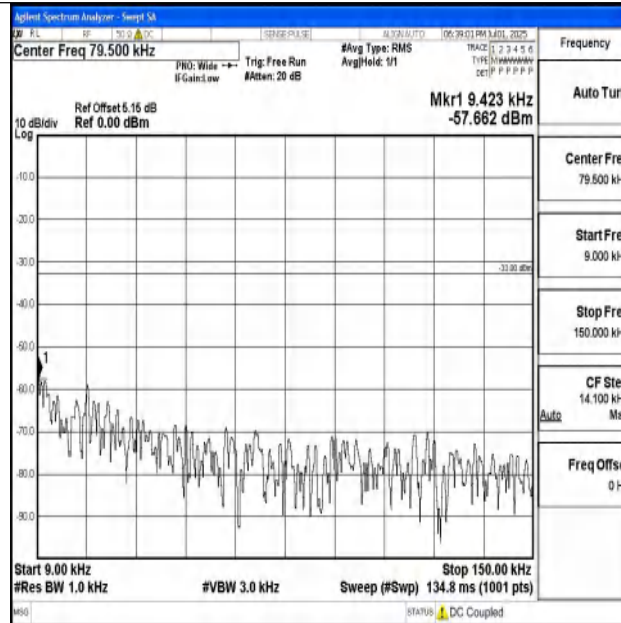
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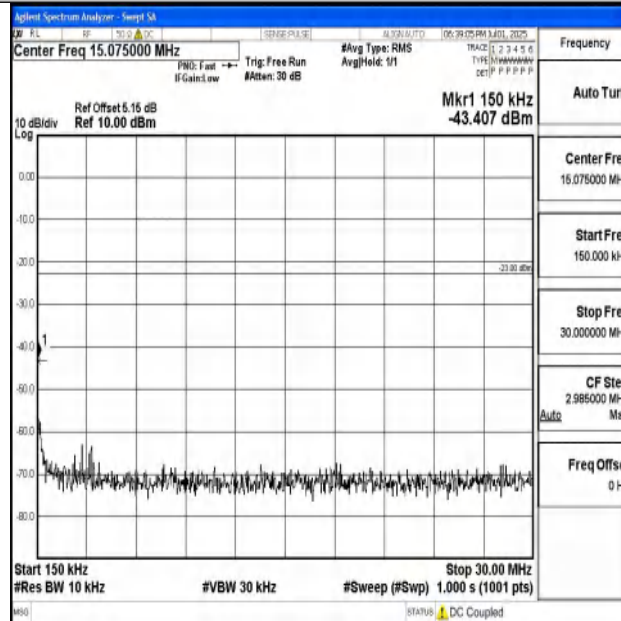
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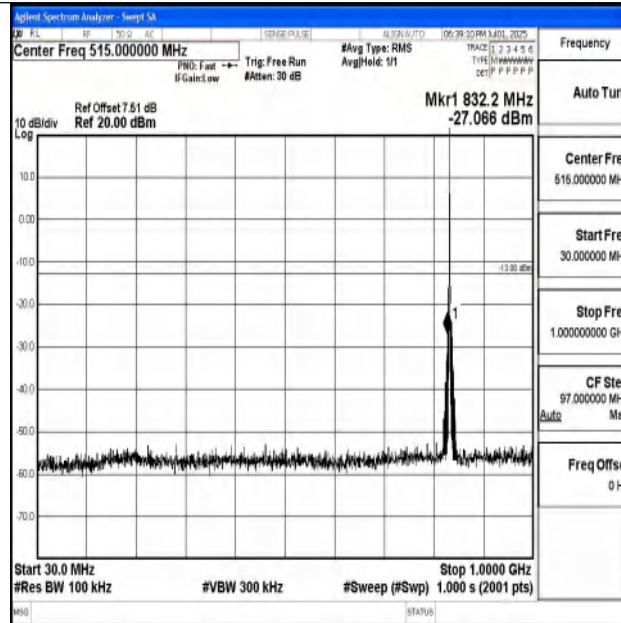
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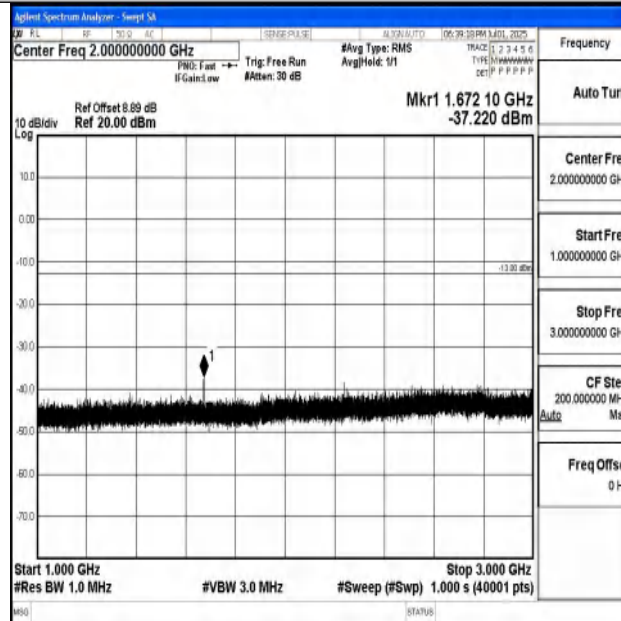
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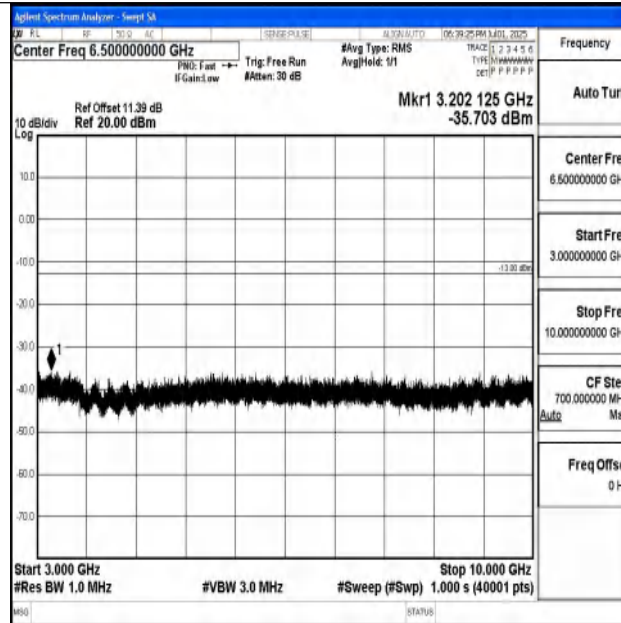
Band5_1.4MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



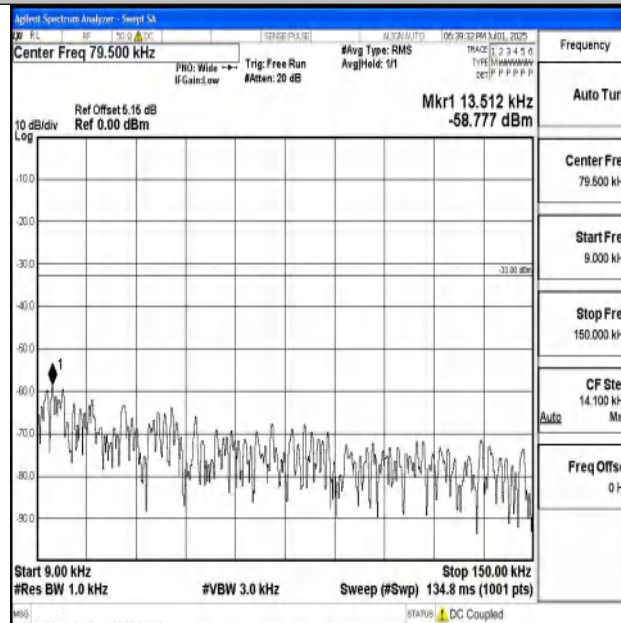
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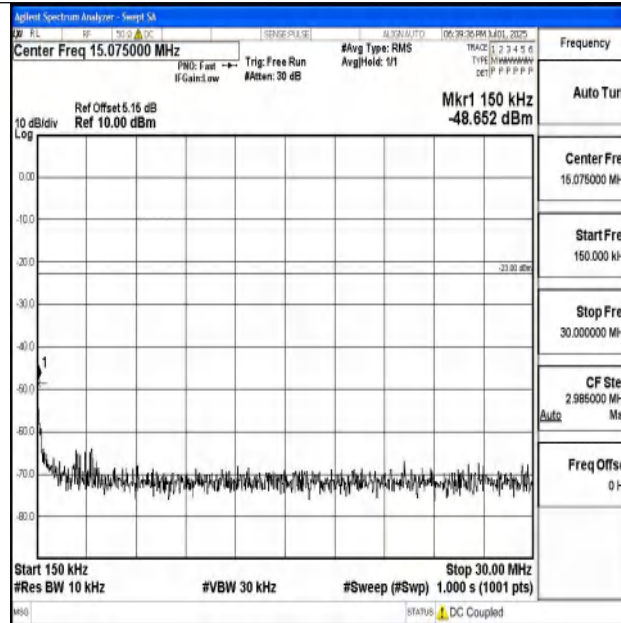
Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



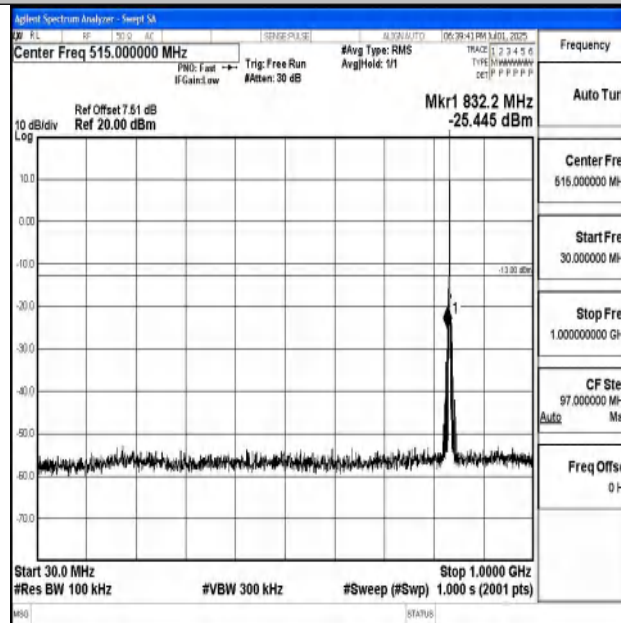
Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000



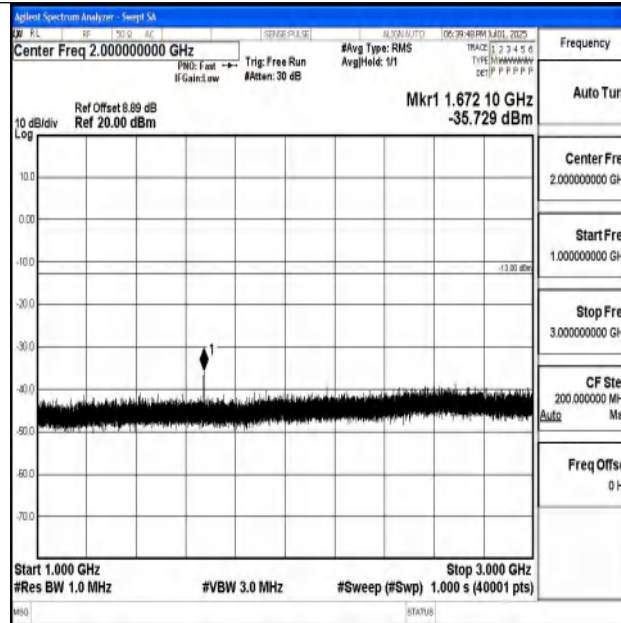
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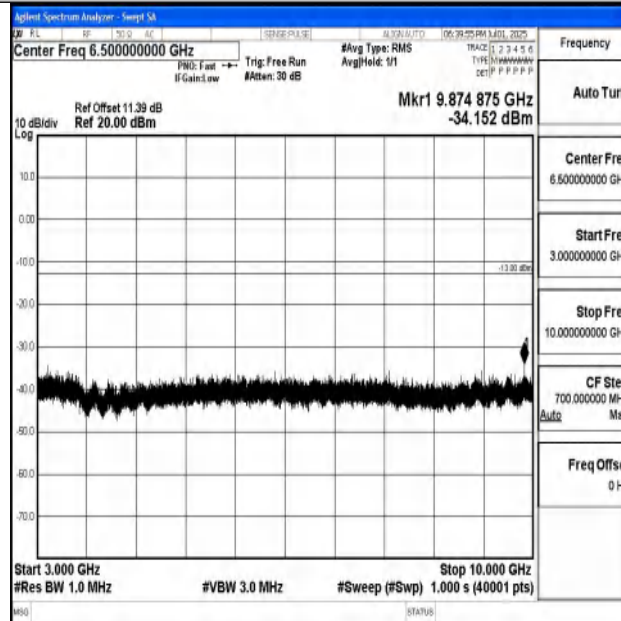
Band5_1.4MHz_16QAM_20525_1RB#0_0.15~30_0.15~30



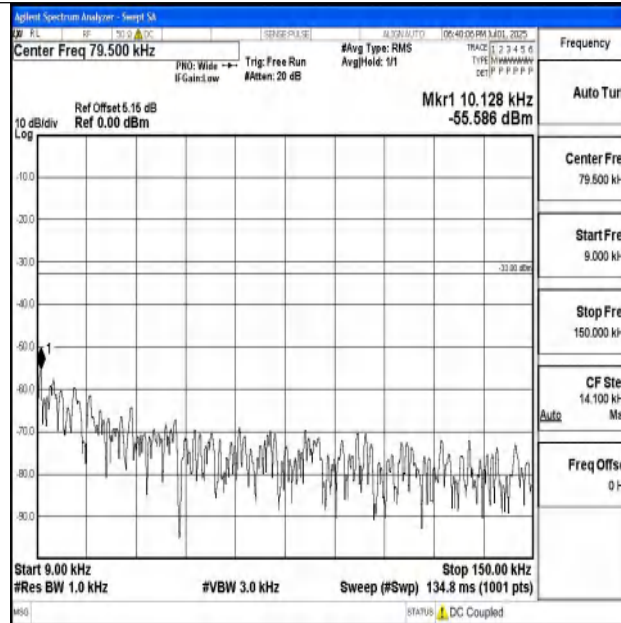
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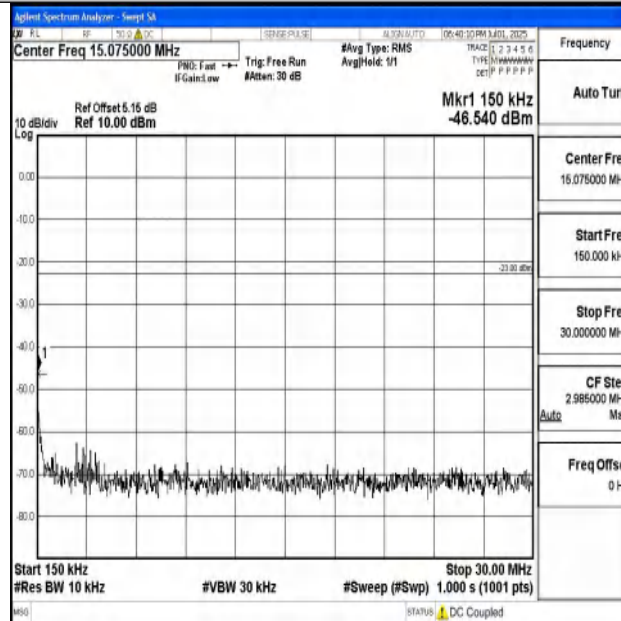
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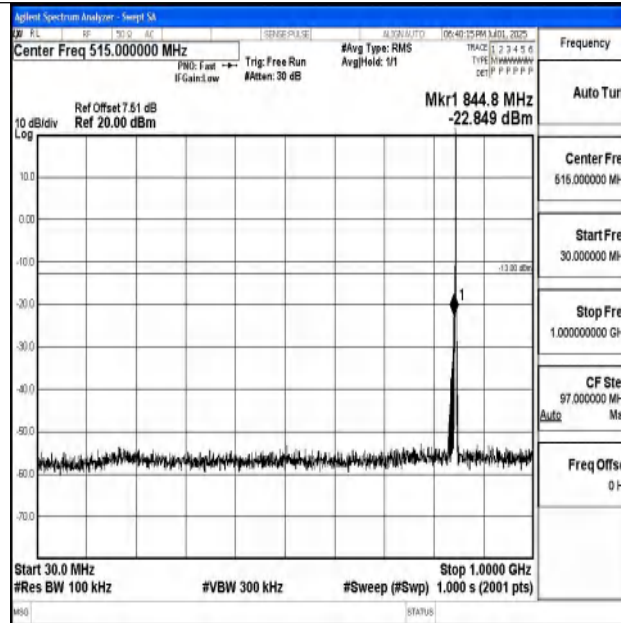
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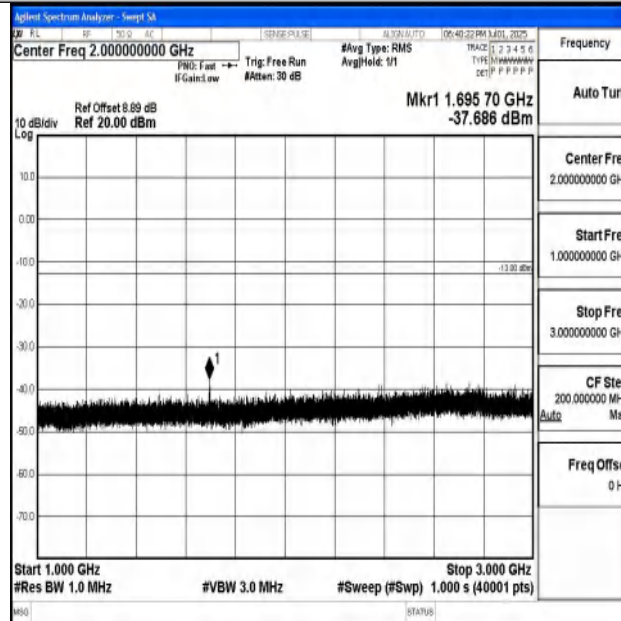
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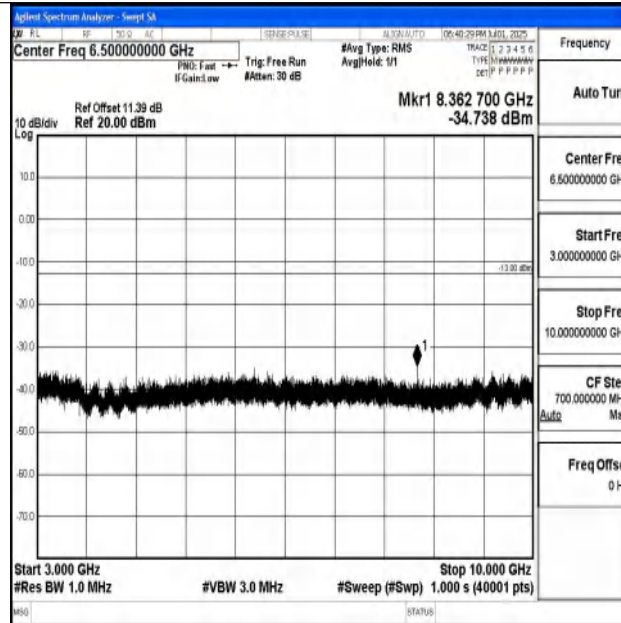
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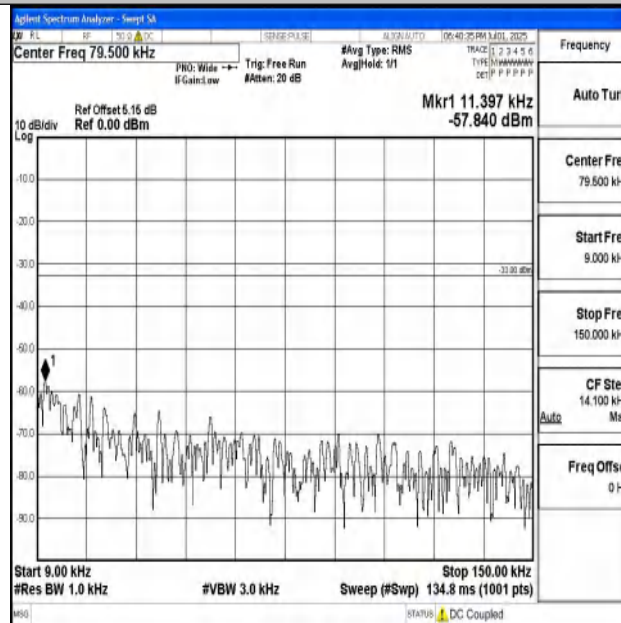
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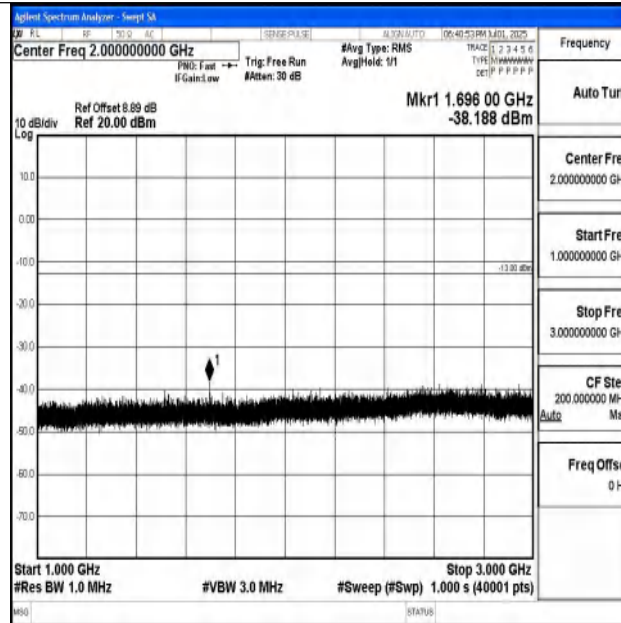
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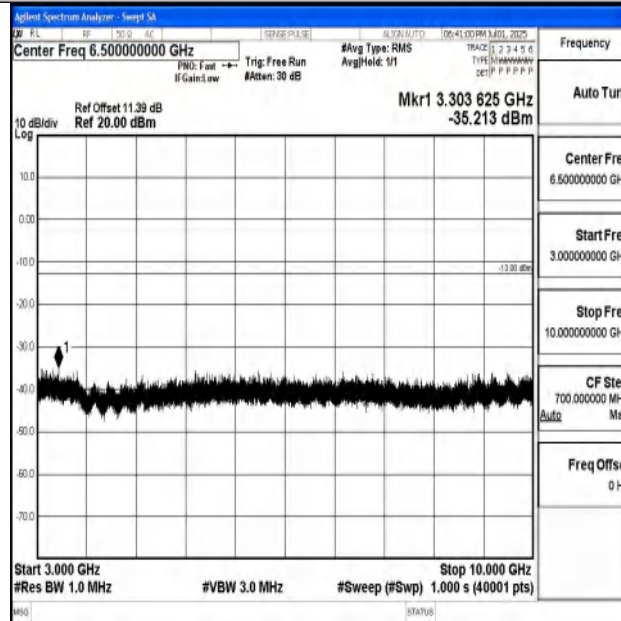
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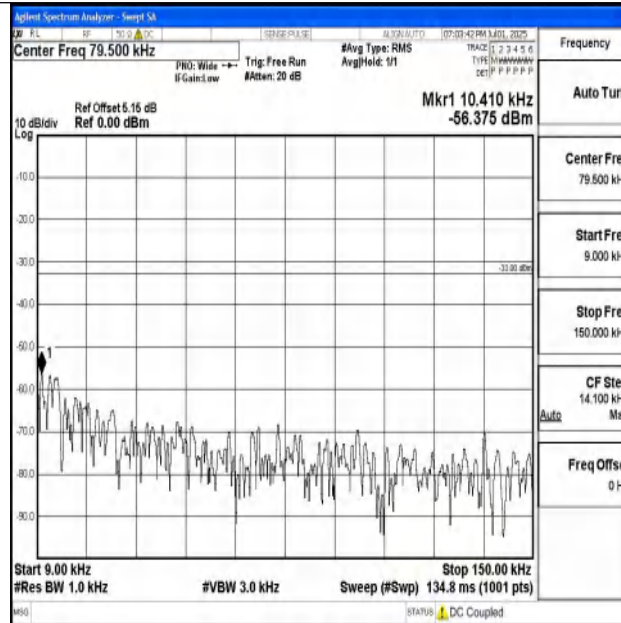
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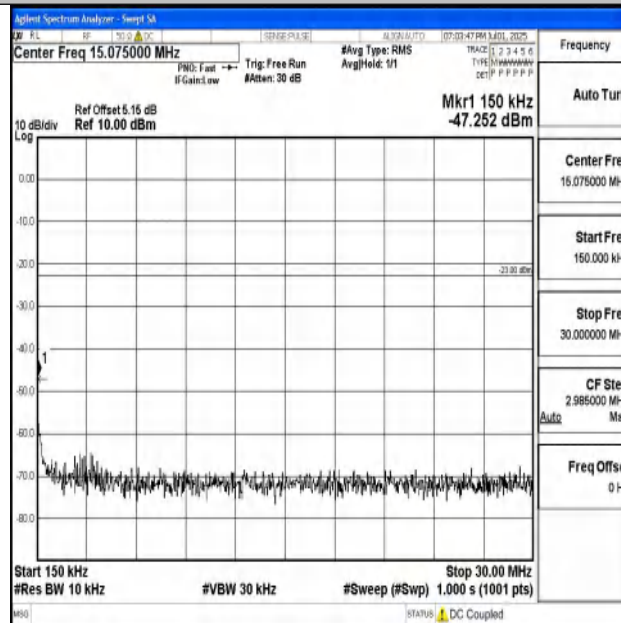
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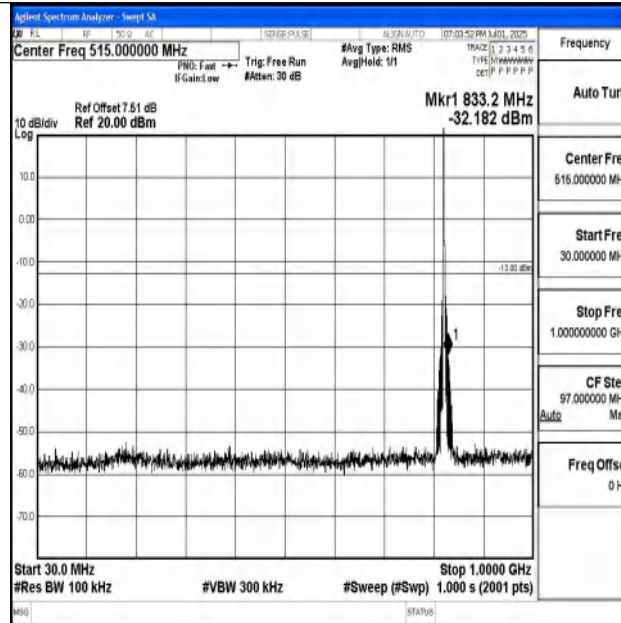
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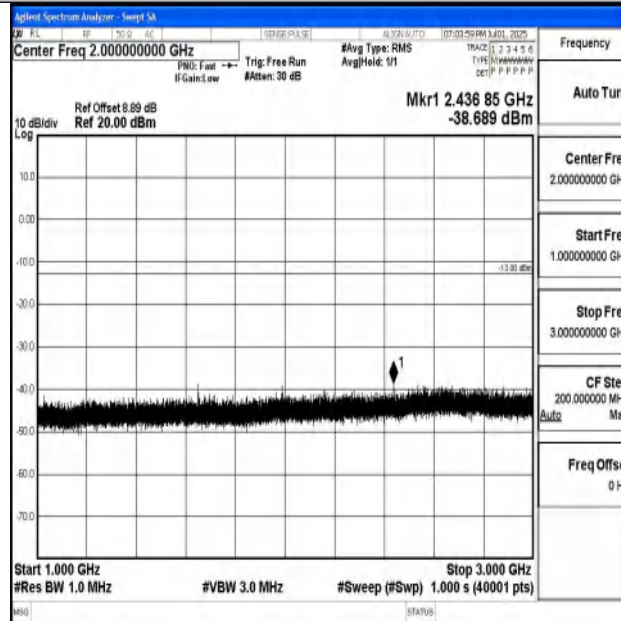
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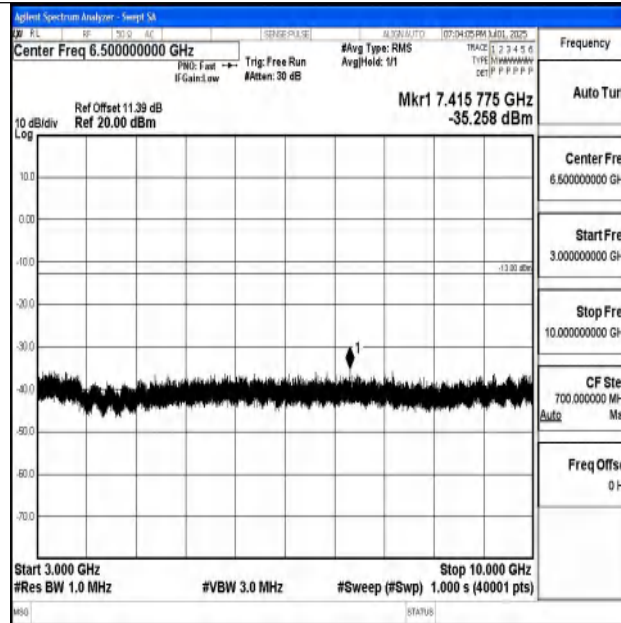
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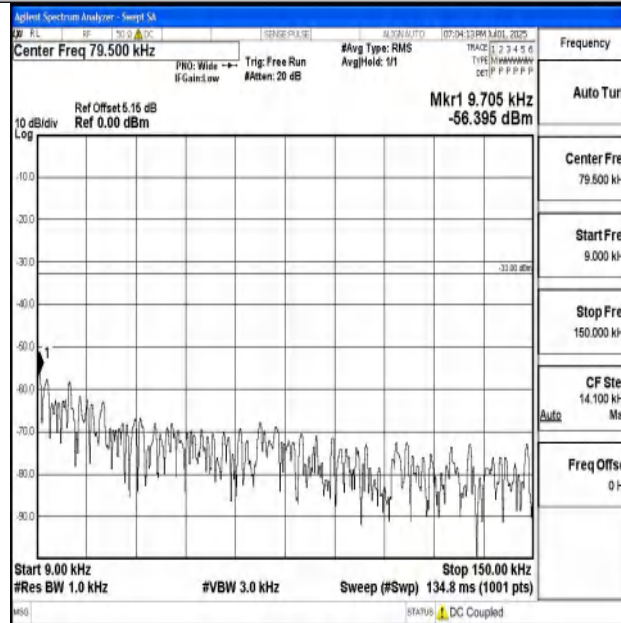
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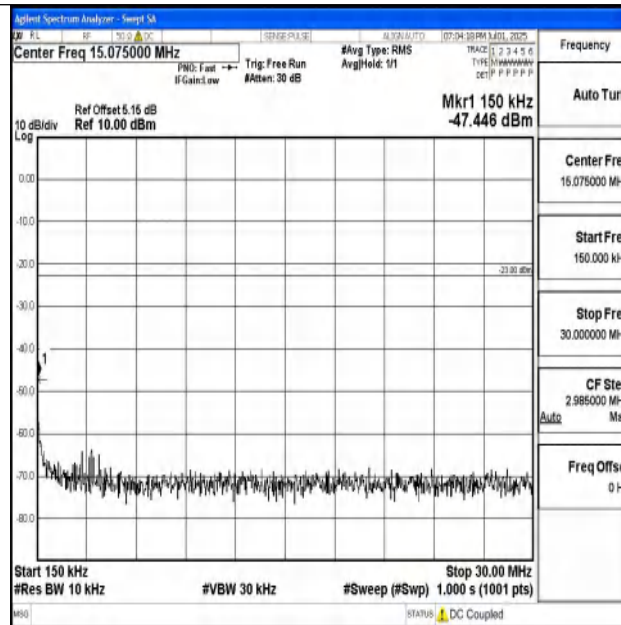
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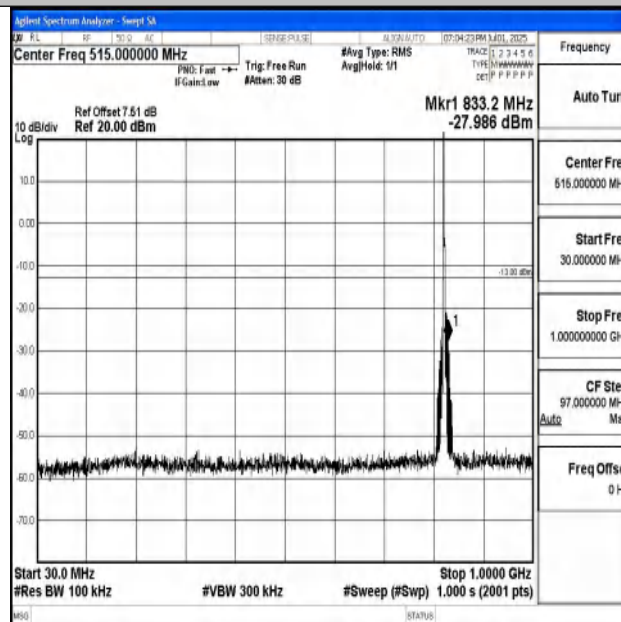
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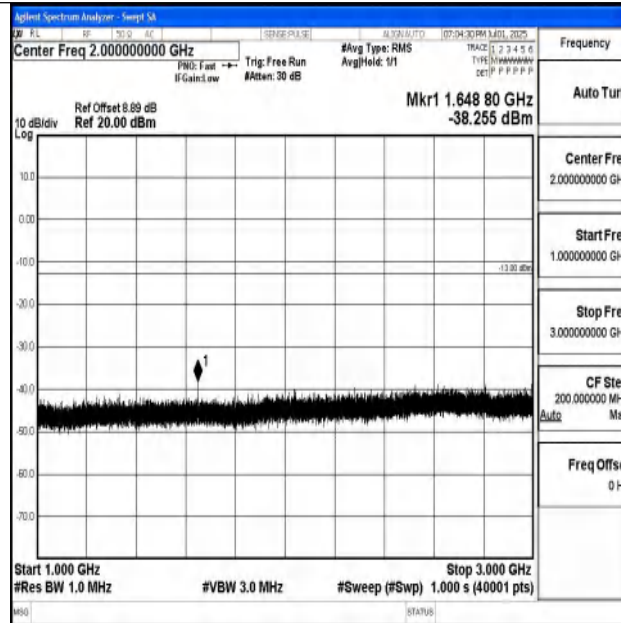
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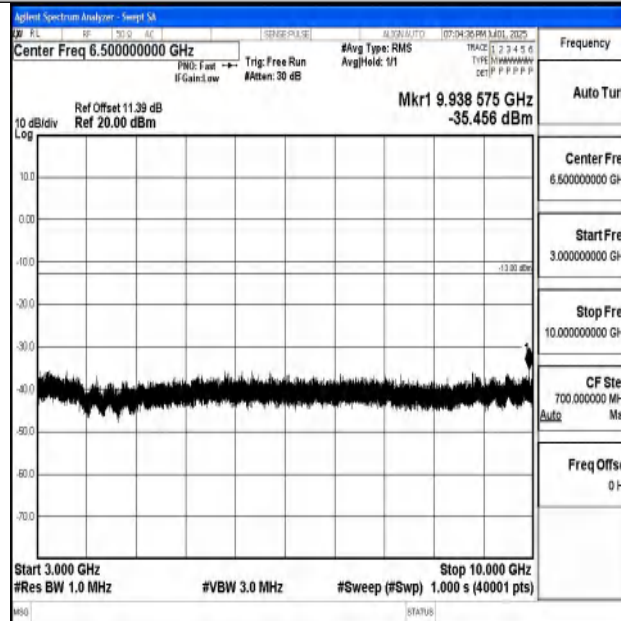
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Band5_3MHz_16QAM_20415_1RB#0_30~1000_30~1000

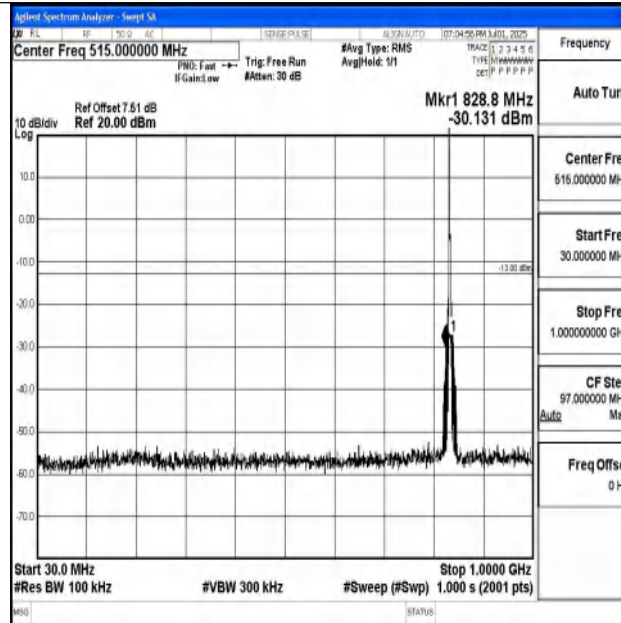


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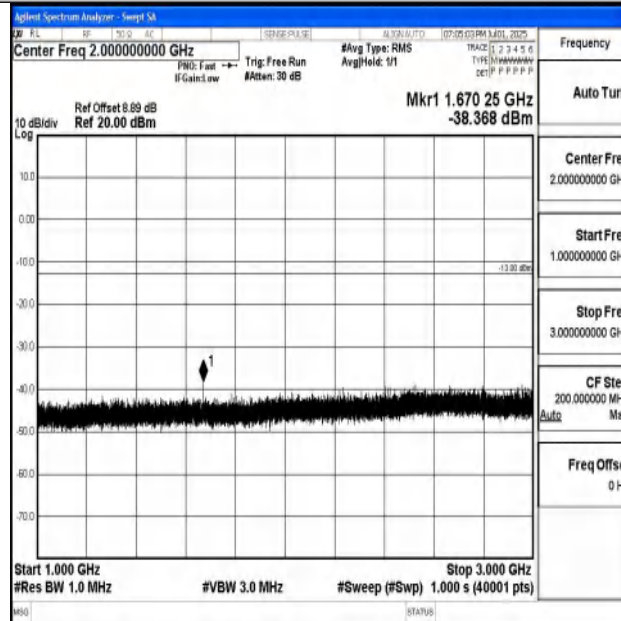


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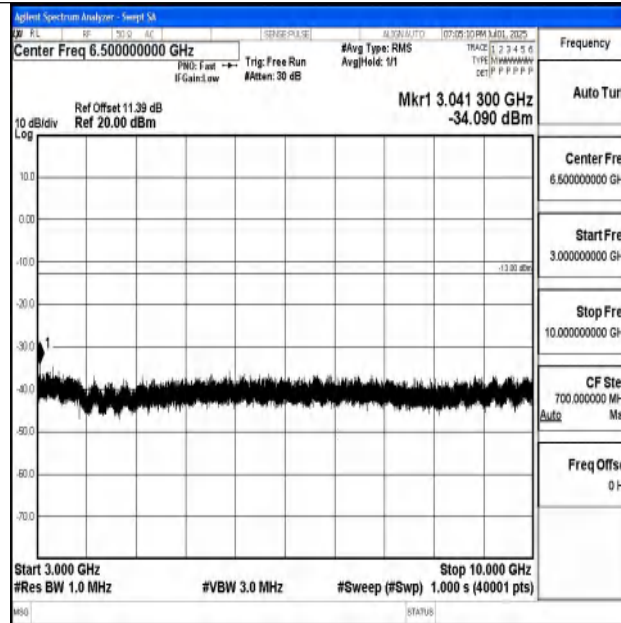
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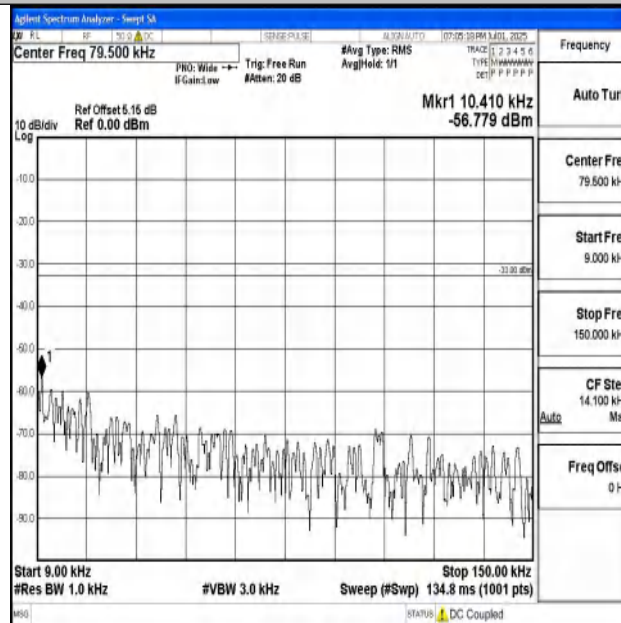
Band5_3MHz_QPSK_20525_1RB#0_30~1000_30~1000



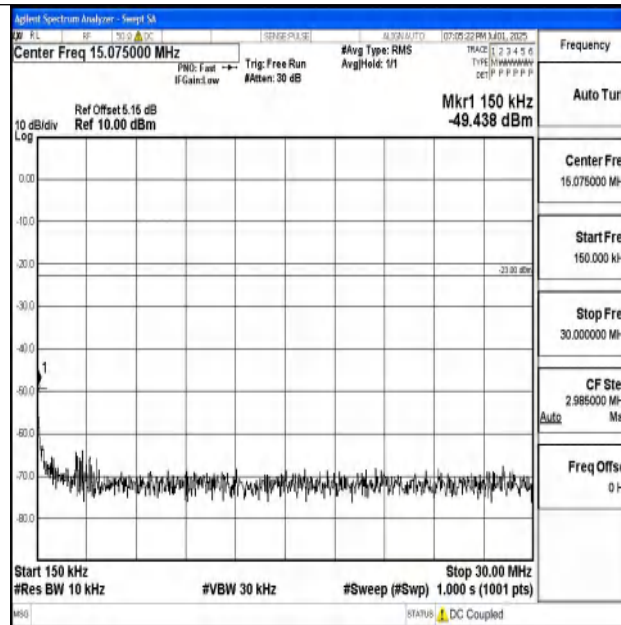
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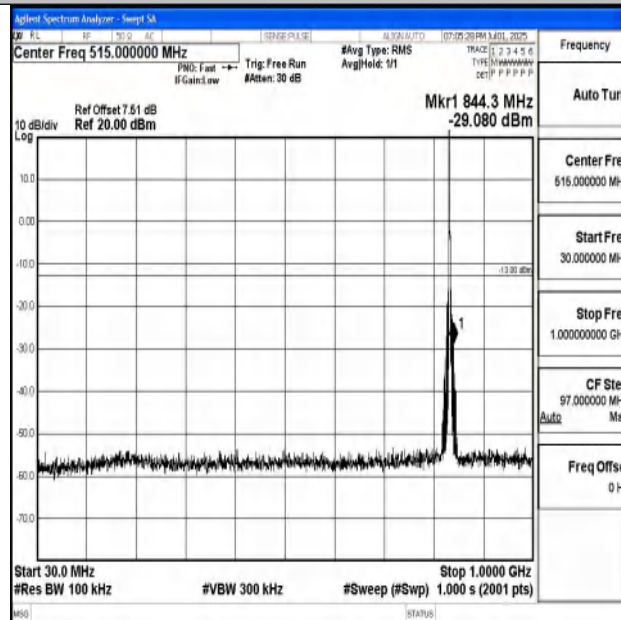
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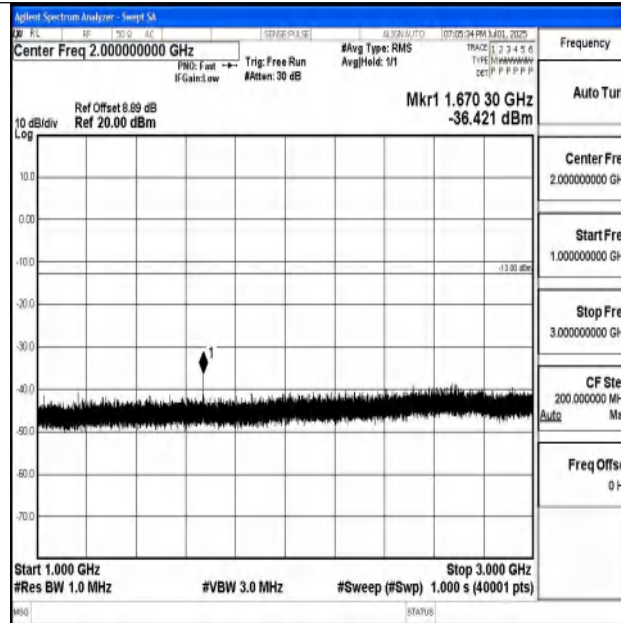
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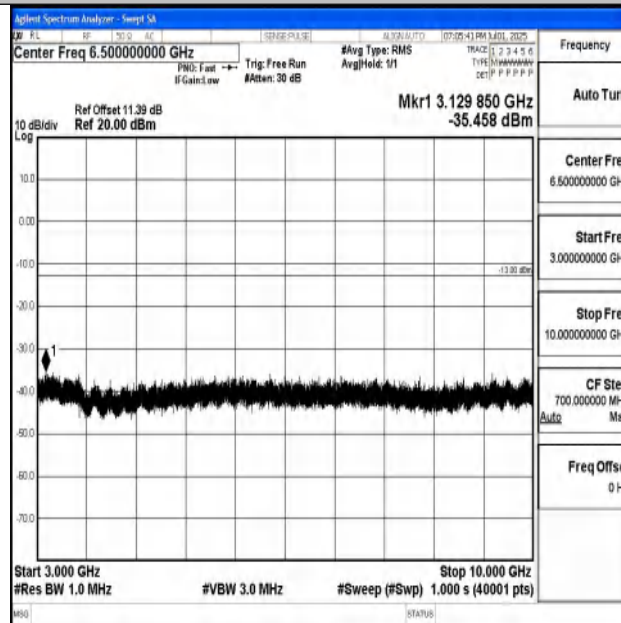
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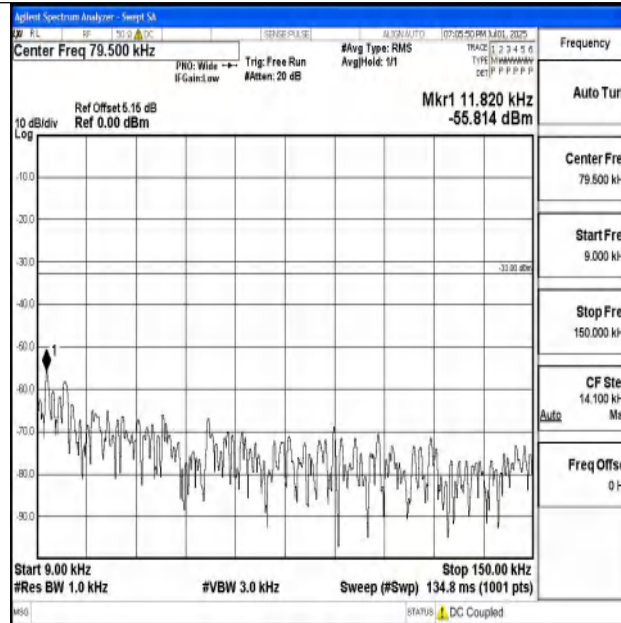
Band5_3MHz_16QAM_20525_1RB#0_30~1000_30~1000



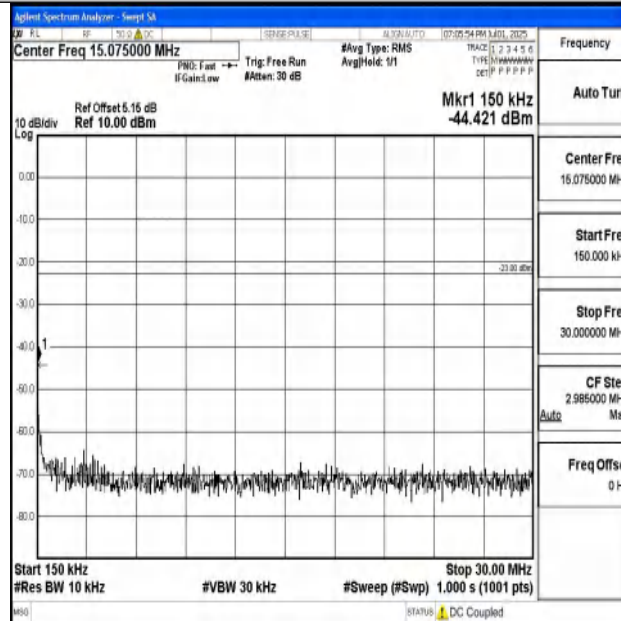
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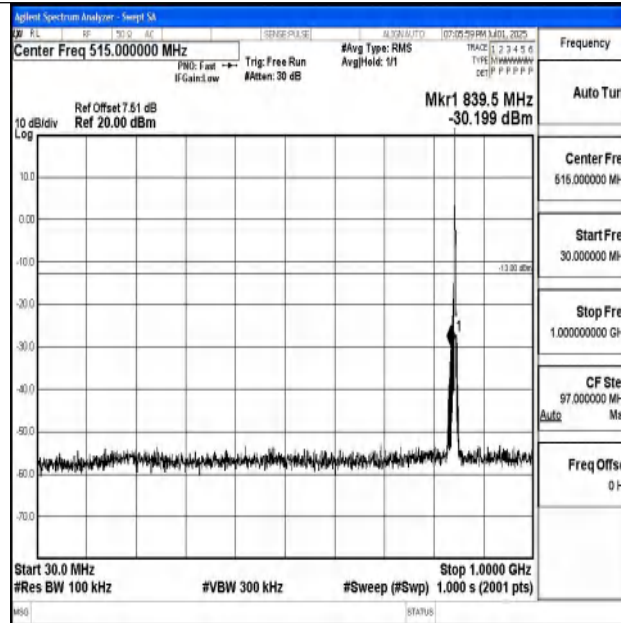
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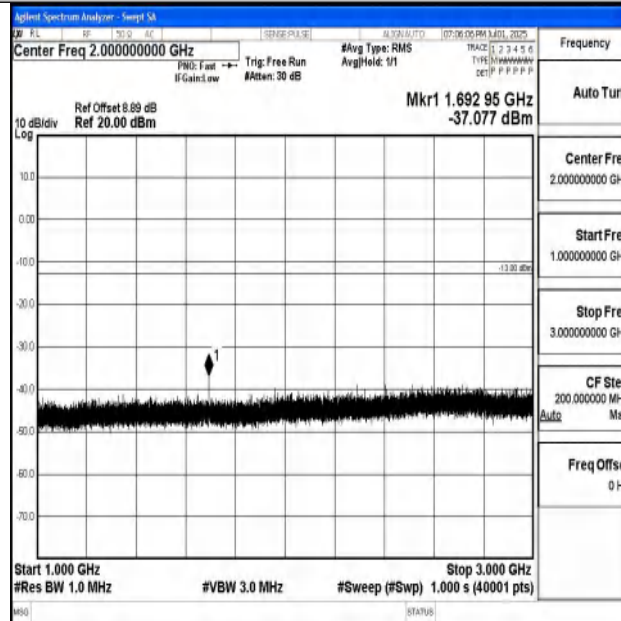
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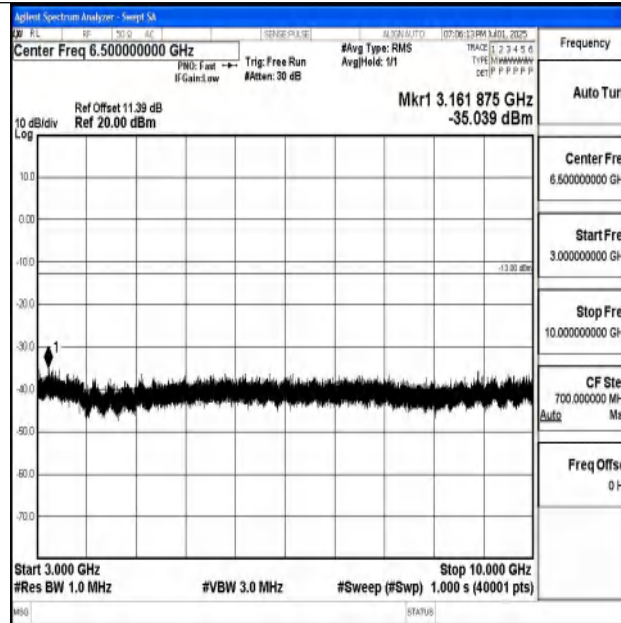
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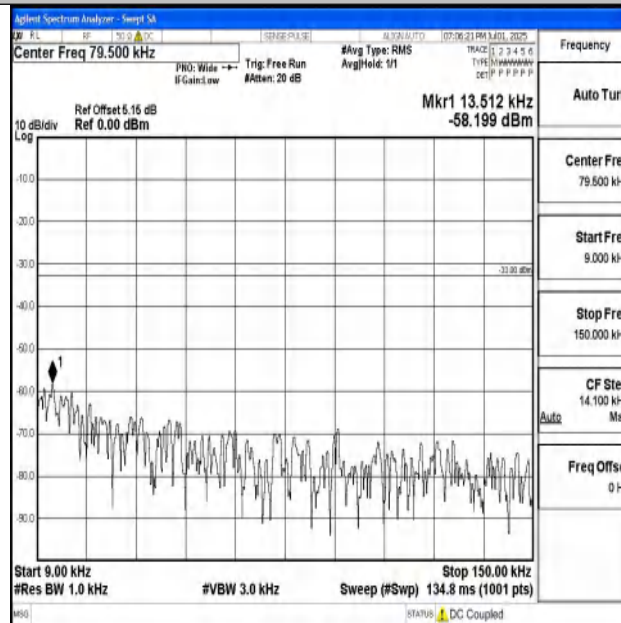
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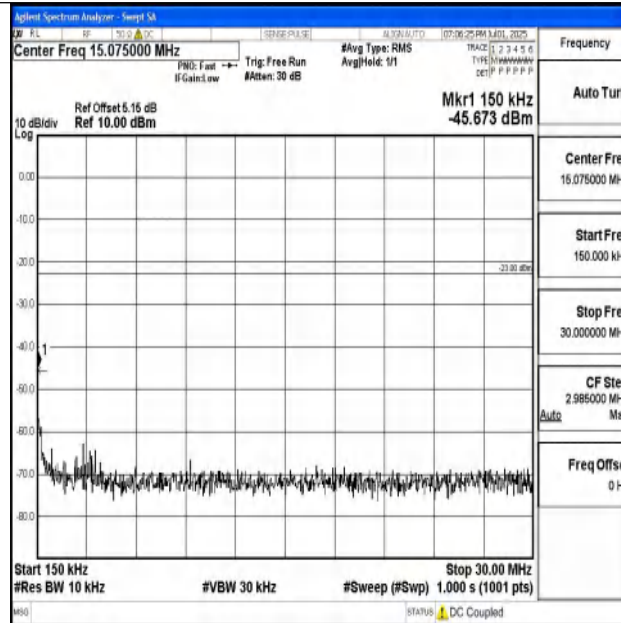
Band5_3MHz_QPSK_20635_1RB#0_1000~3000_1000~3000



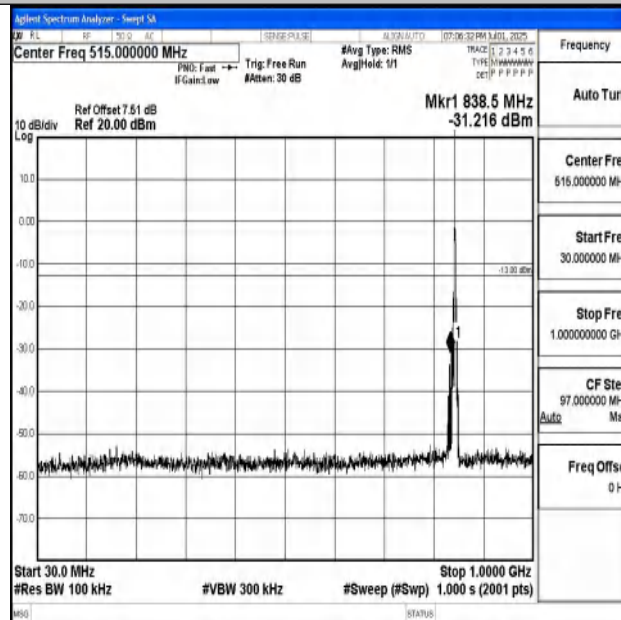
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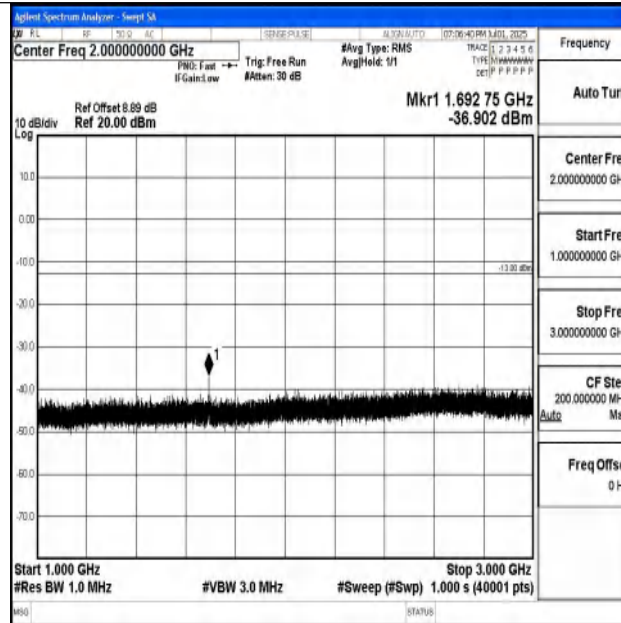
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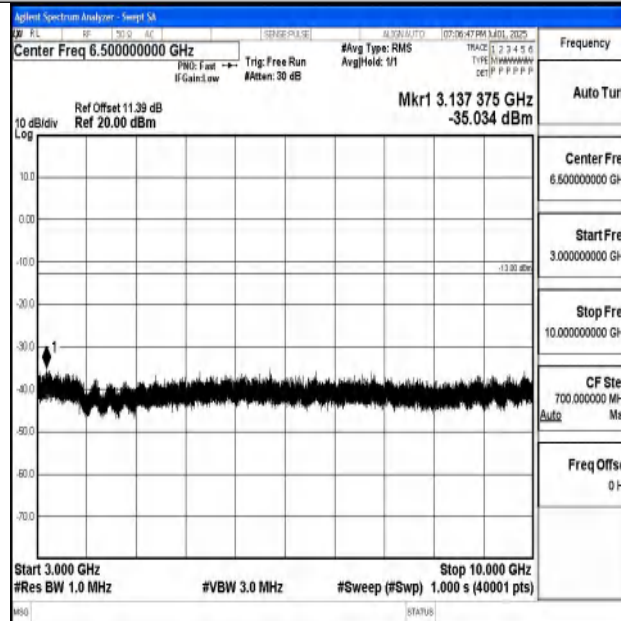
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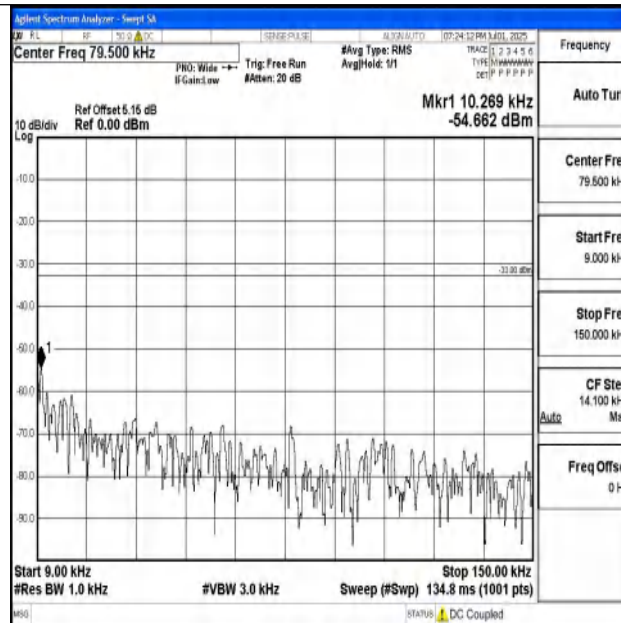
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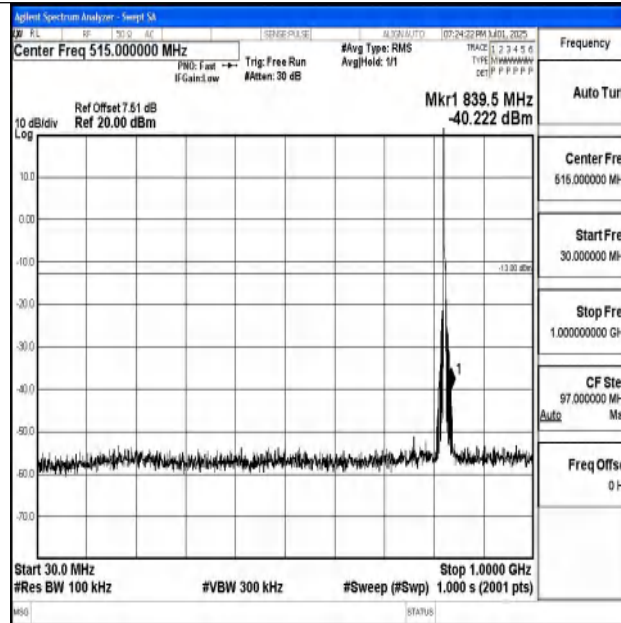


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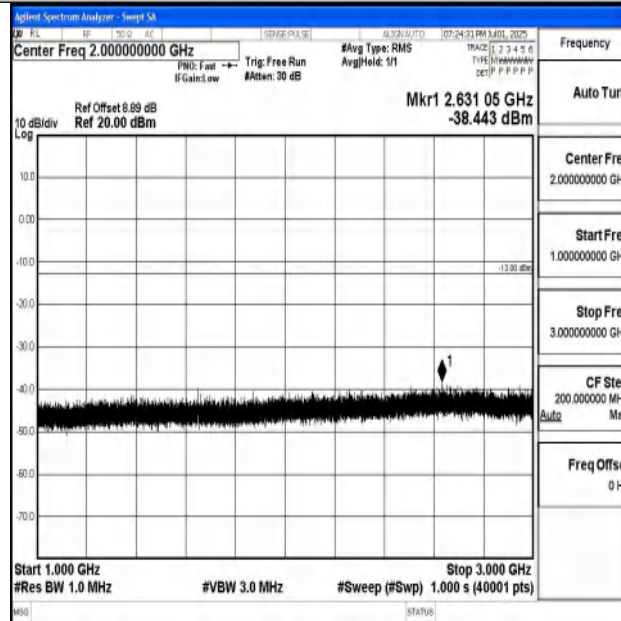


Band5_3MHz_16QAM_20635_1RB#0_3000~10000_3000~10000

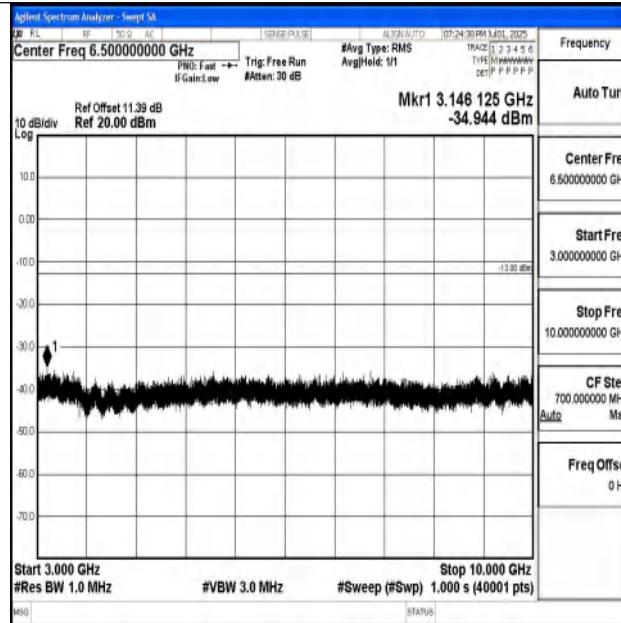




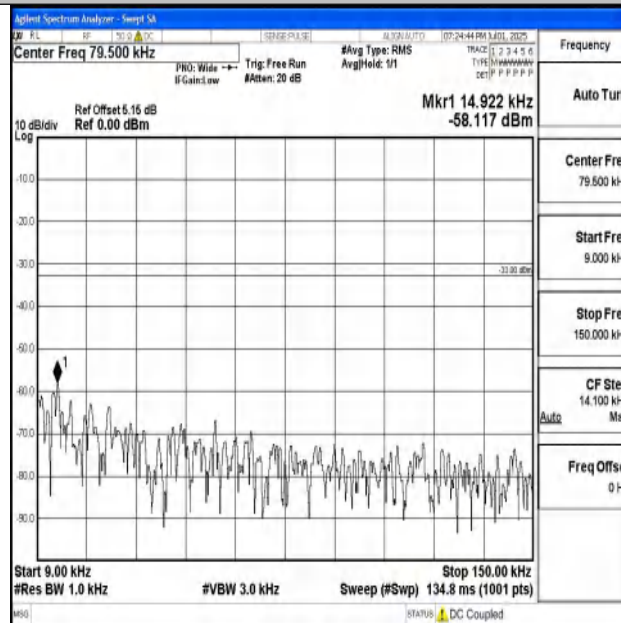
Band5_5MHz_QPSK_20425_1RB#0_30~1000_30~1000



Band5_5MHz_QPSK_20425_1RB#0_1000~3000_1000~3000



Band5_5MHz_QPSK_20425_1RB#0_3000~10000_3000~10000



Band5_5MHz_16QAM_20425_1RB#0_0.009~0.15_0.009~0.15

Agilent Spectrum Analyzer - Screenshot 2A

Center Freq 515.000000 MHz

Ref Offset 7.51 dB

Ref 20.00 dBm

Mkr1 840.0 MHz

-41.598 dBm

Start 30.0 MHz

Stop 1.000 GHz

#Res BW 100 kHz

#VBW 300 kHz

#Sweep (#Swp) 1.000 s (2001 pts)

Frequency

Auto Tun

Center Freq 515.000000 MHz

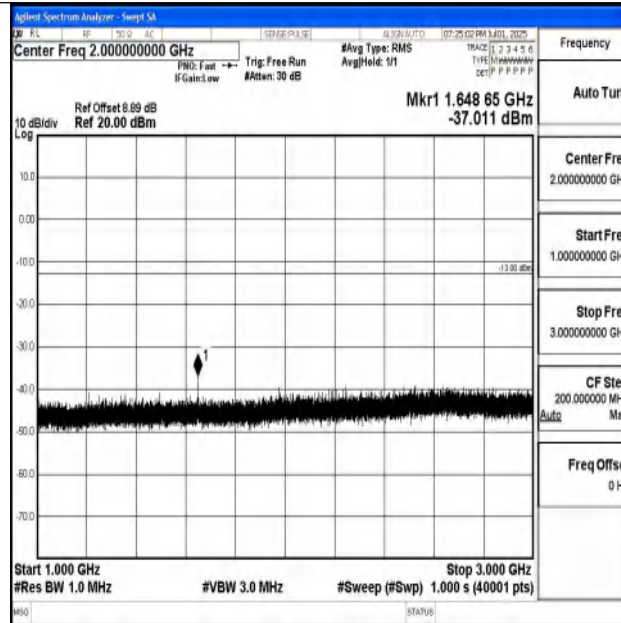
Start Freq 30.000000 MHz

Stop Freq 1.00000000 GHz

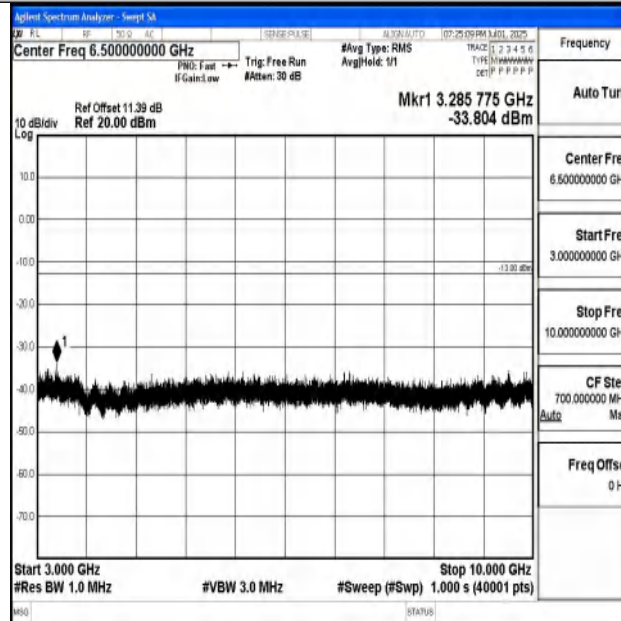
CF Stop 97.000000 MHz

Freq Offset 0 Hz

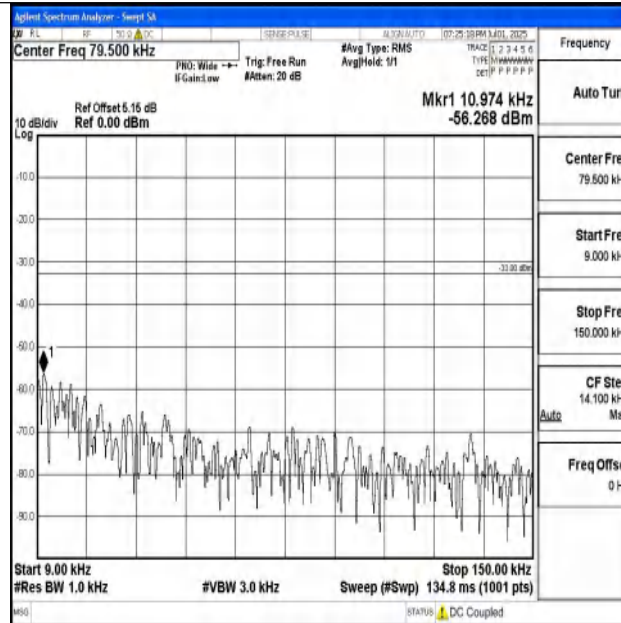
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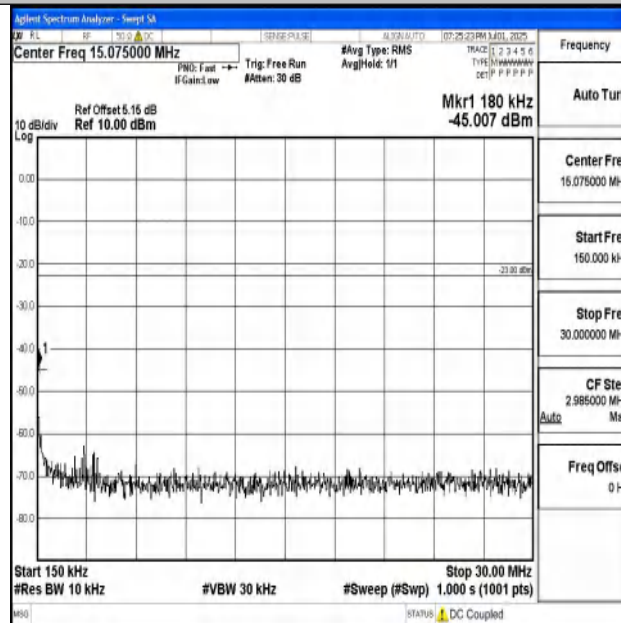
Band5_5MHz_16QAM_20425_1RB#0_1000~3000_1000~3000



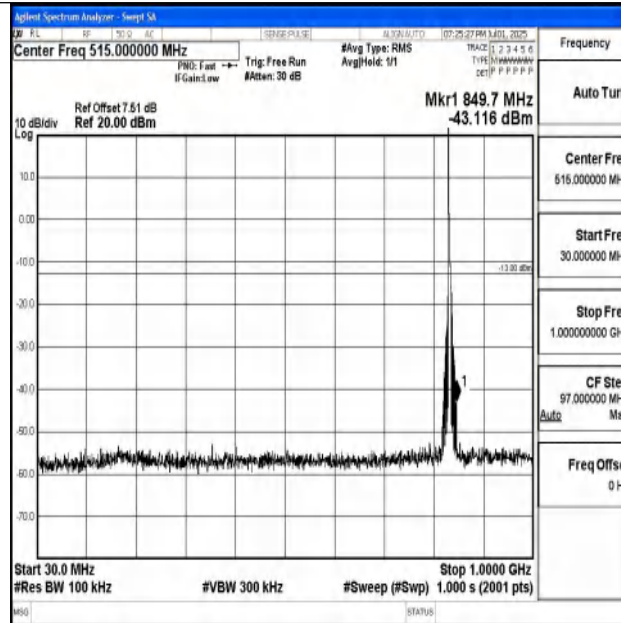
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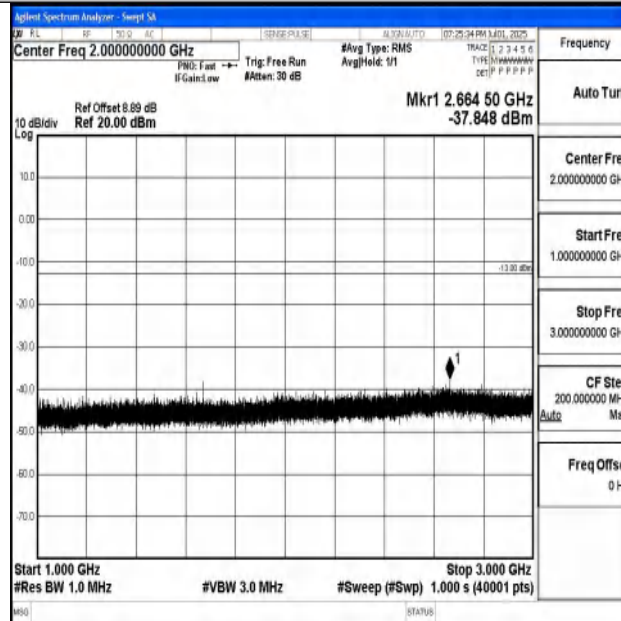
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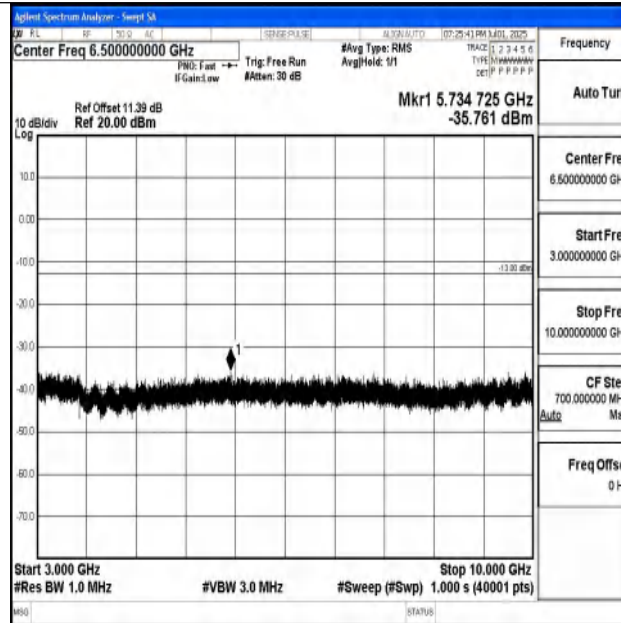
Band5_5MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



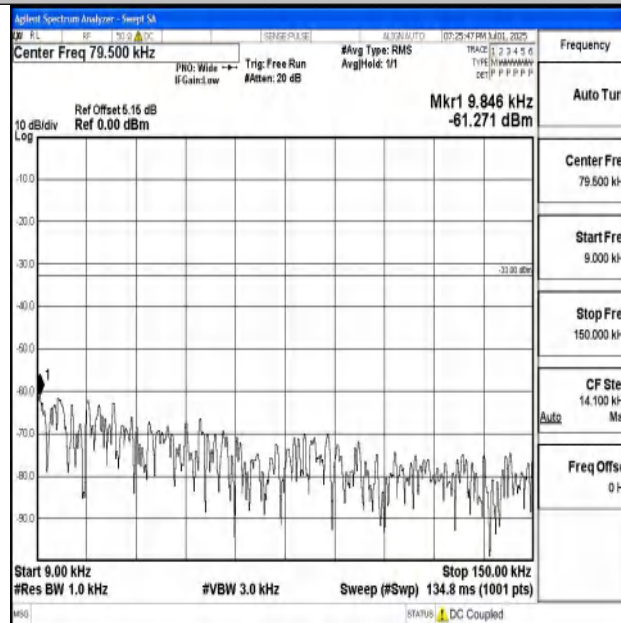
Band5_5MHz_QPSK_20525_1RB#0_30~1000_30~1000



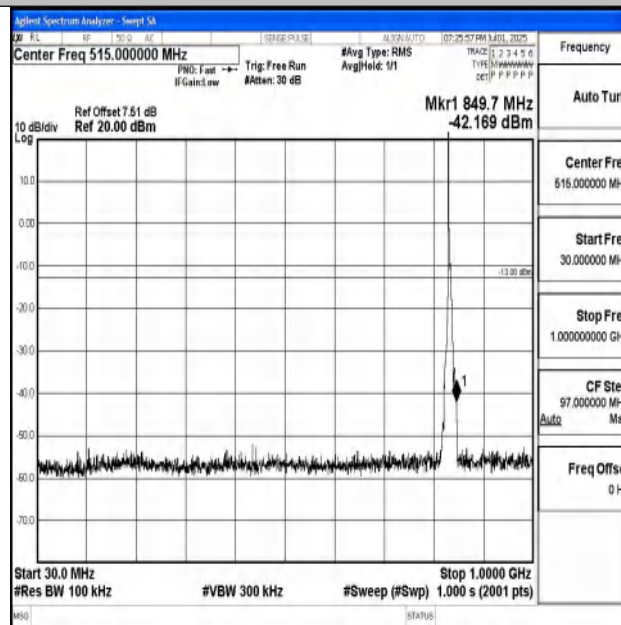
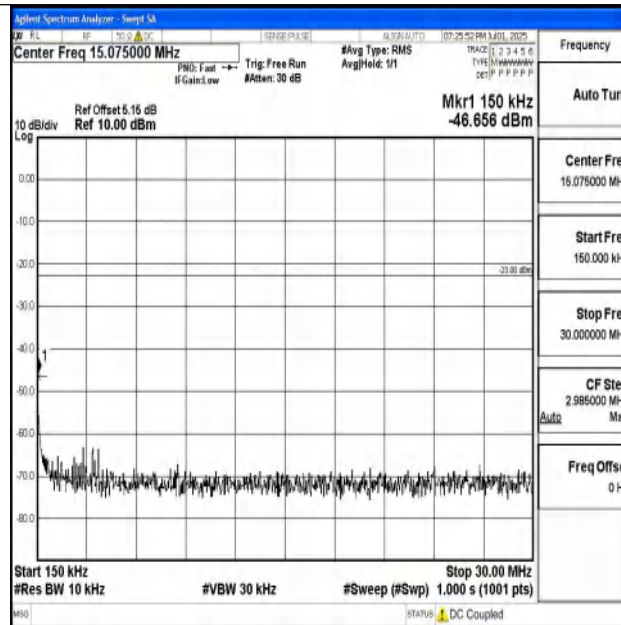
Band5_5MHz_QPSK_20525_1RB#0_1000~3000_1000~3000

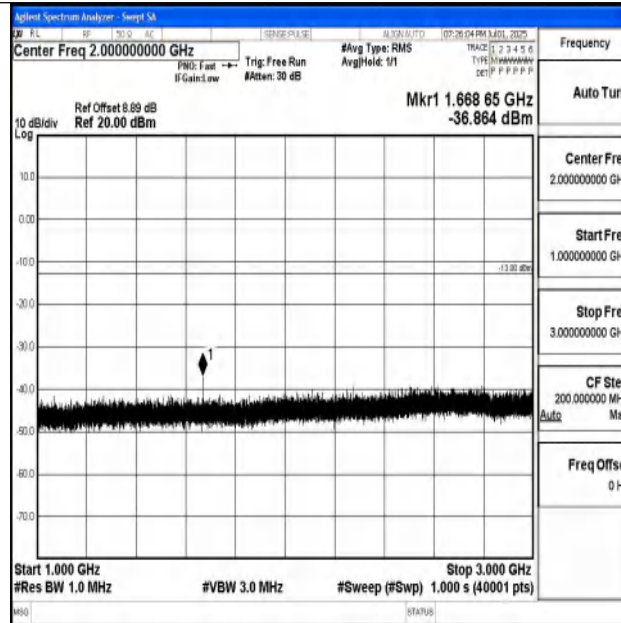


Band5_5MHz_QPSK_20525_1RB#0_3000~10000_3000~10000

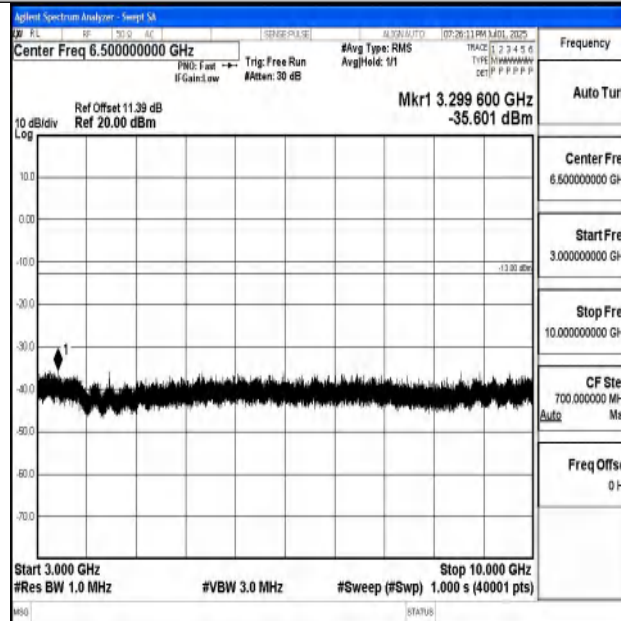


Band5_5MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15

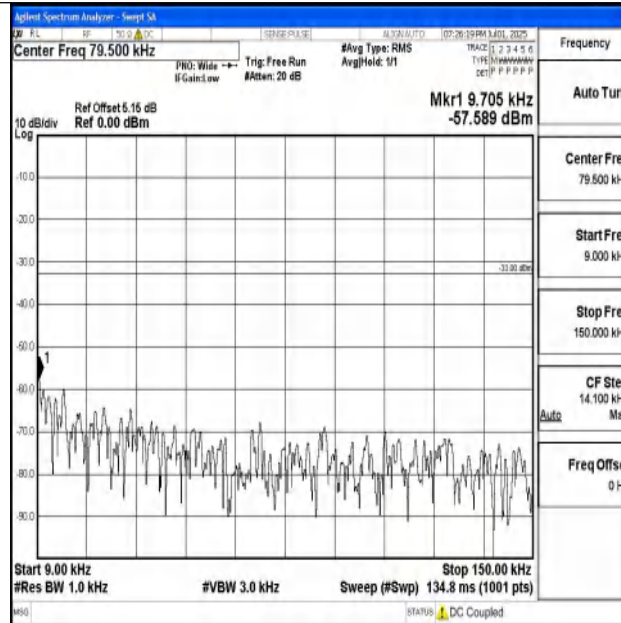




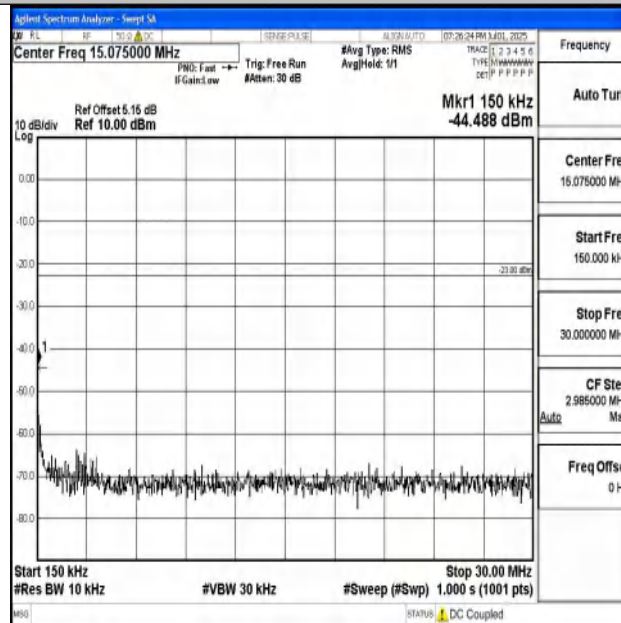
Band5_5MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



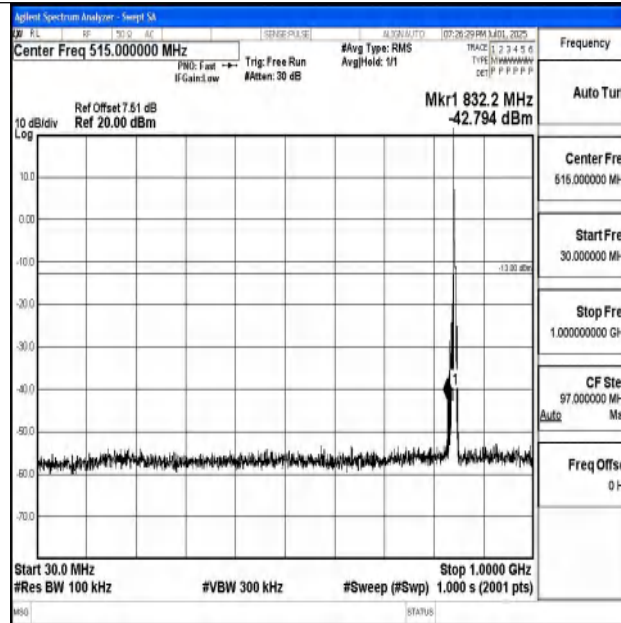
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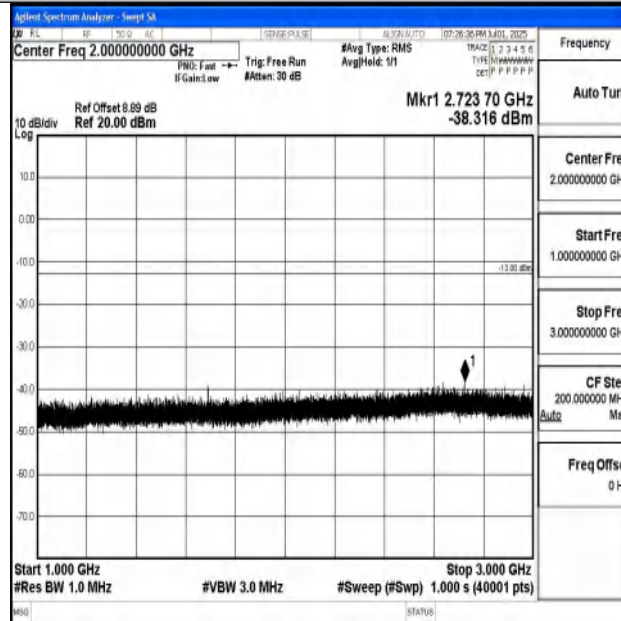
Band5_5MHz_QPSK_20625_1RB#0_0.009~0.15_0.009~0.15



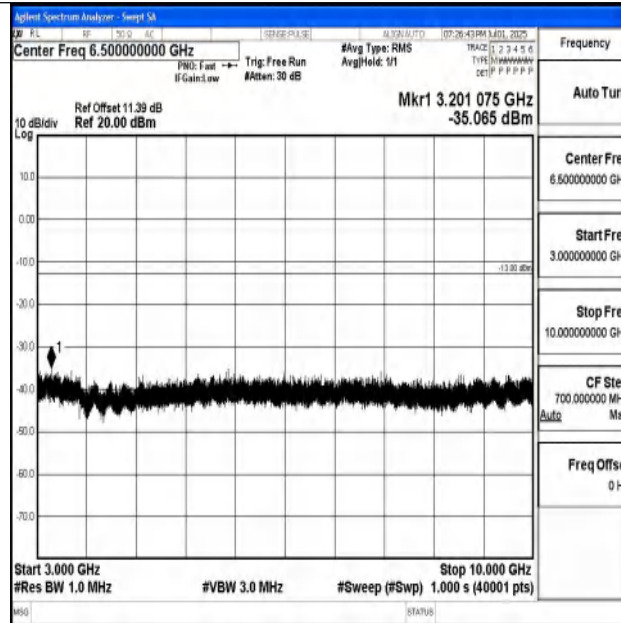
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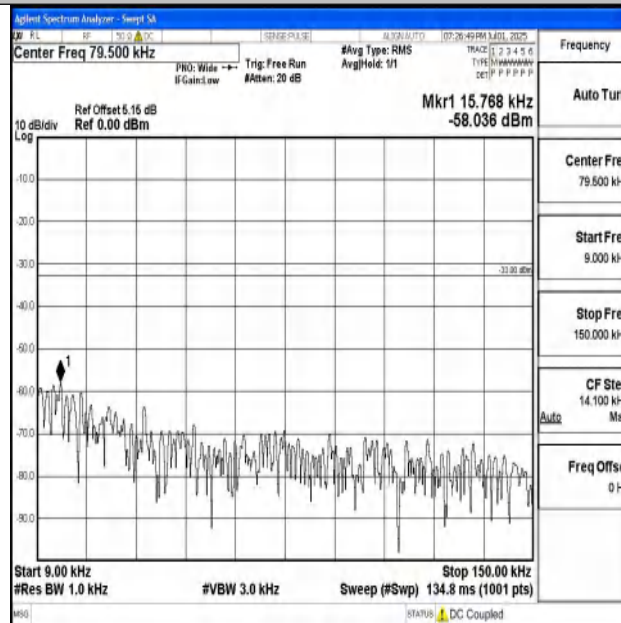
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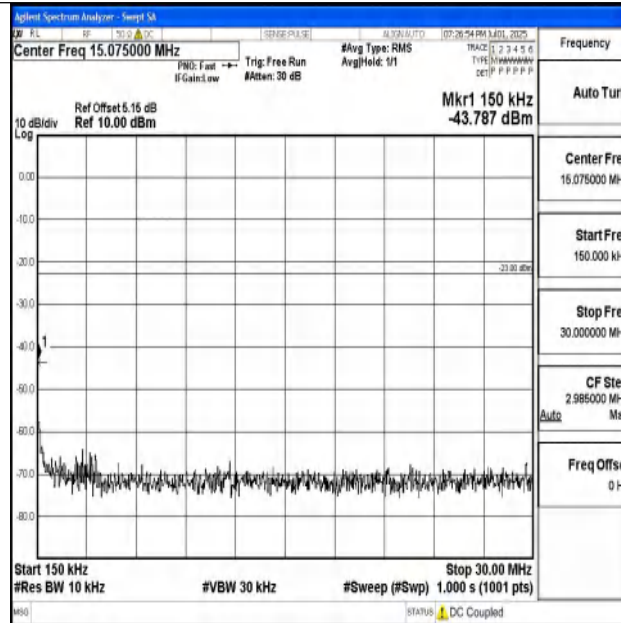
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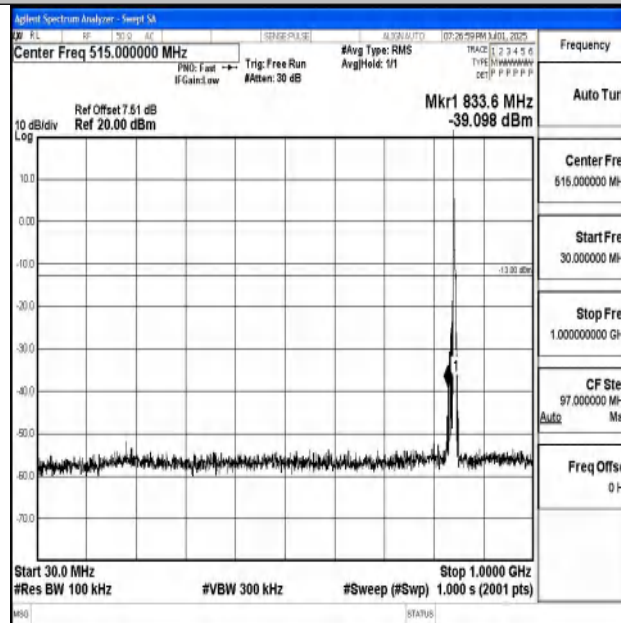
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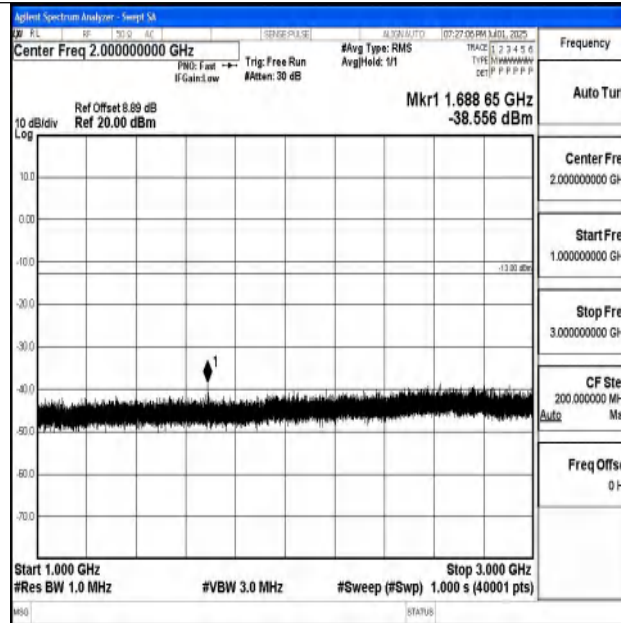
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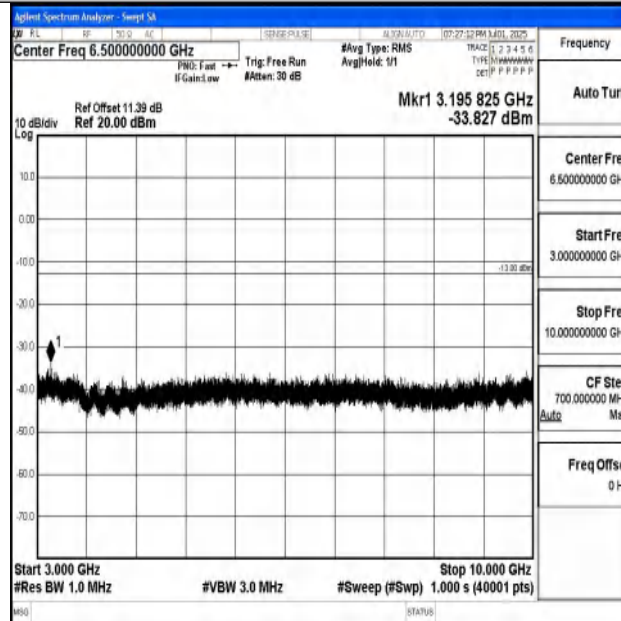
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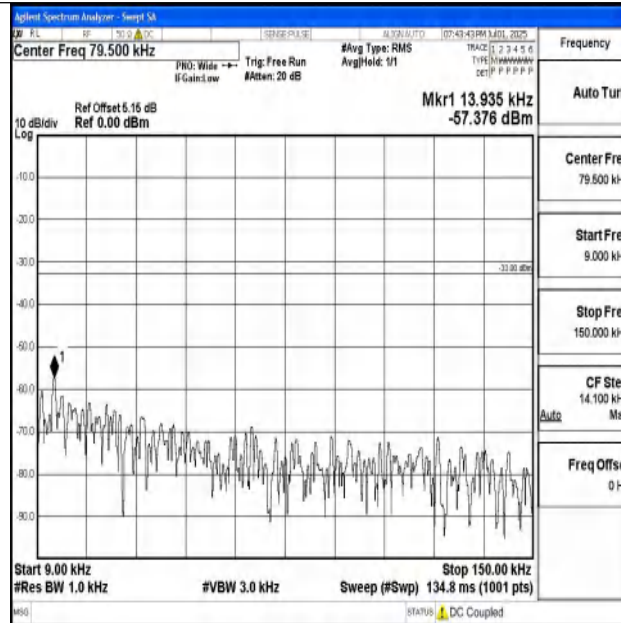
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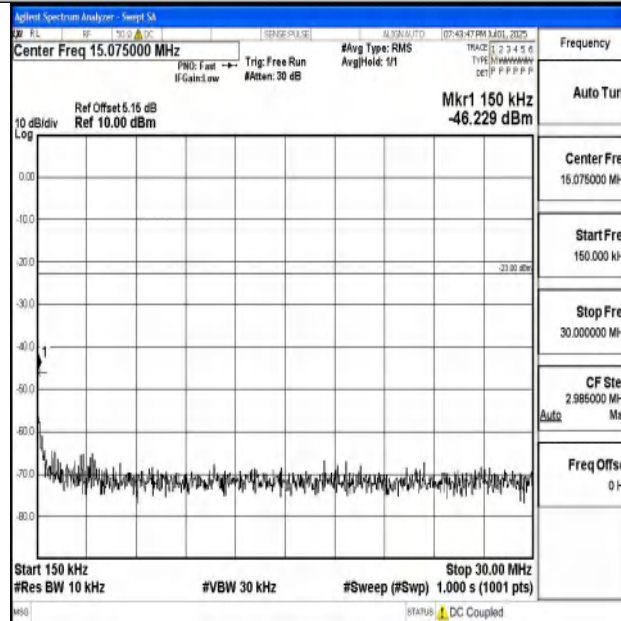
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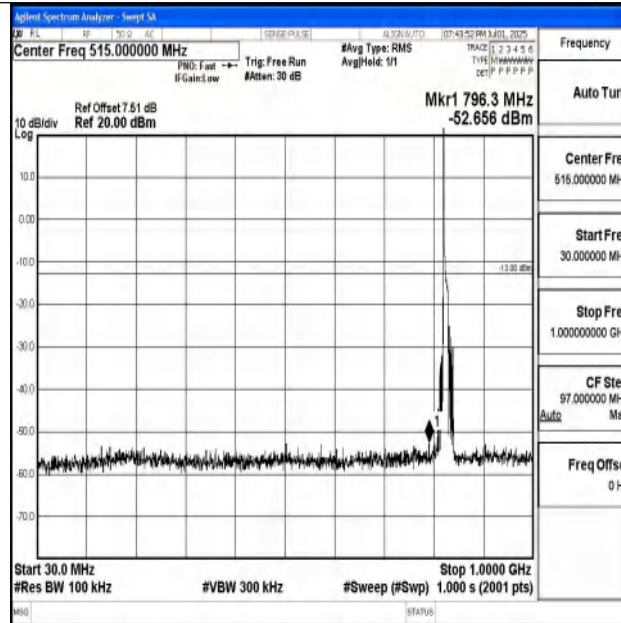
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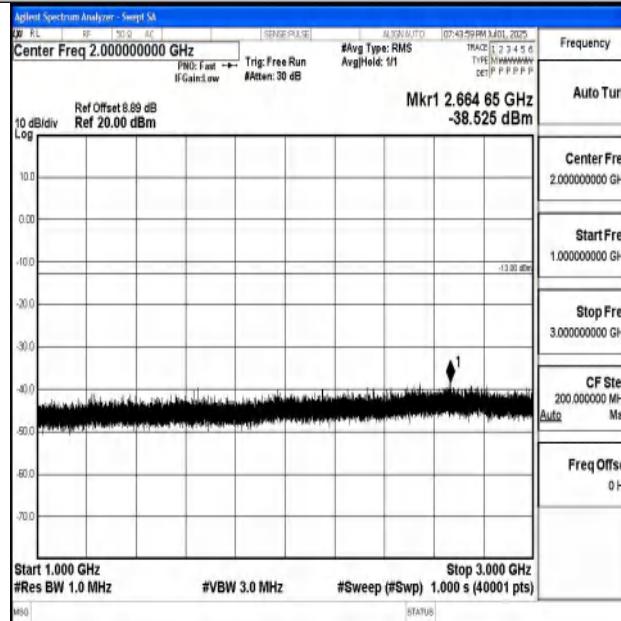
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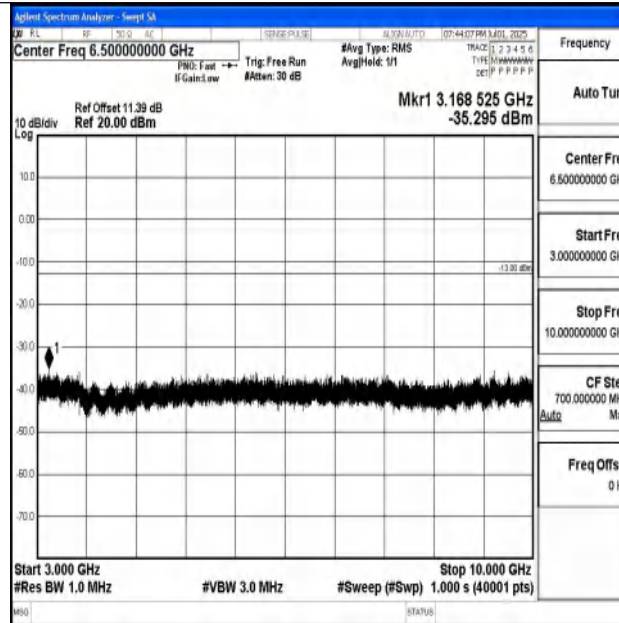
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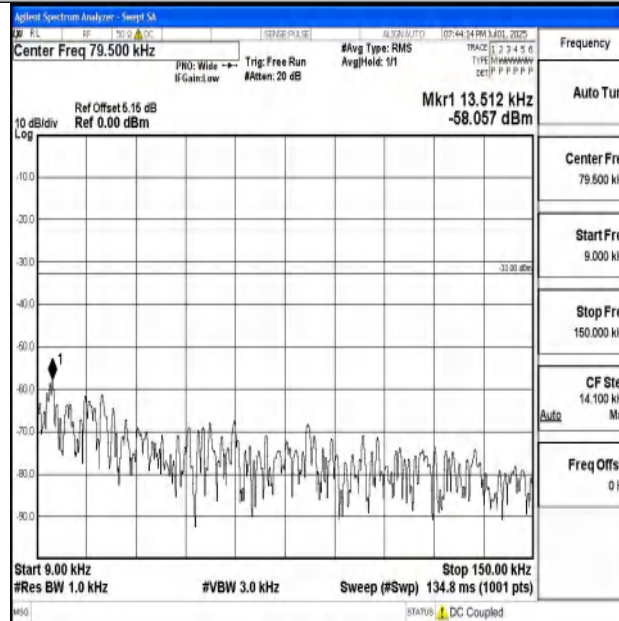
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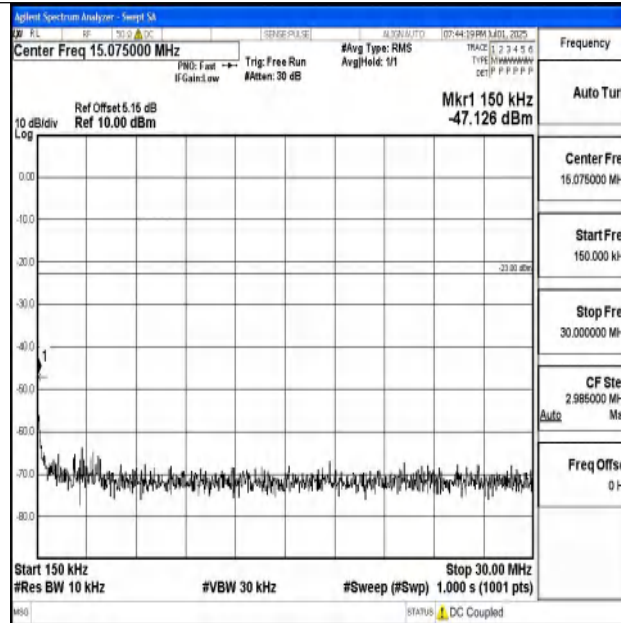
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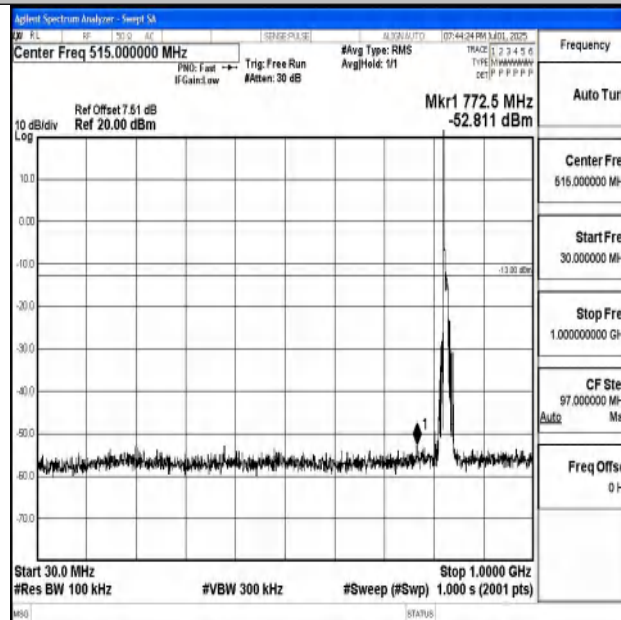
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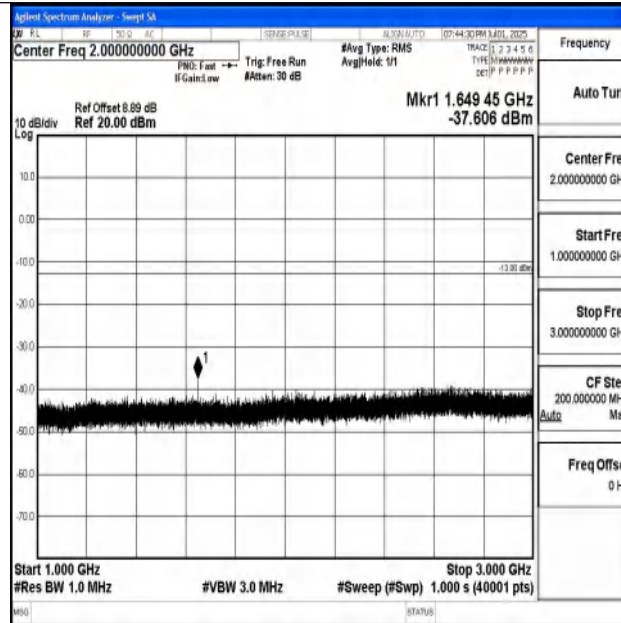
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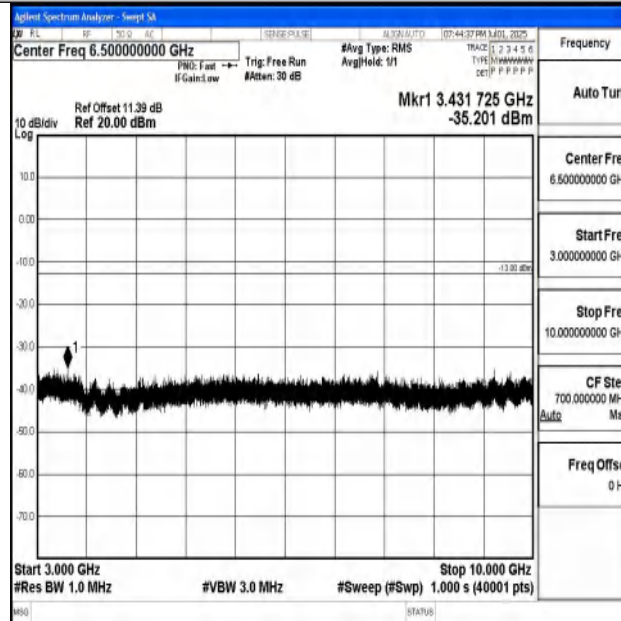
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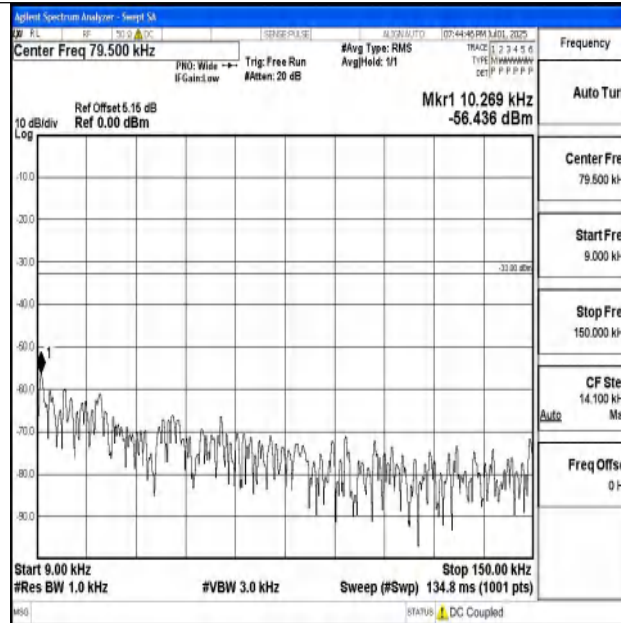
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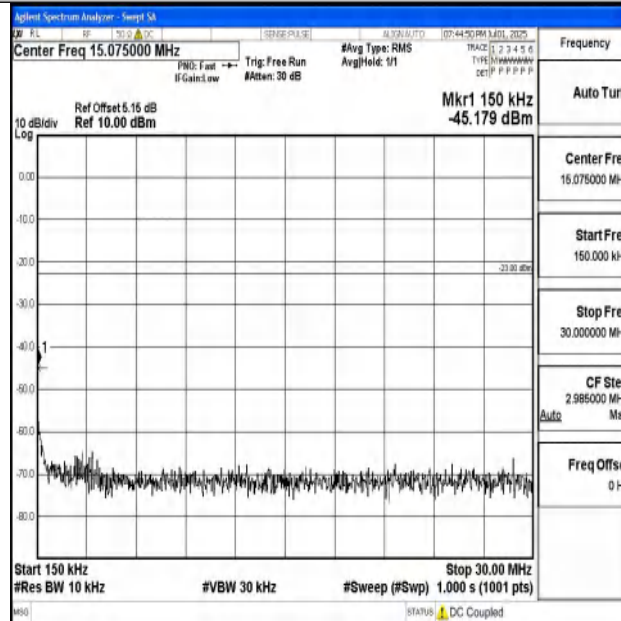
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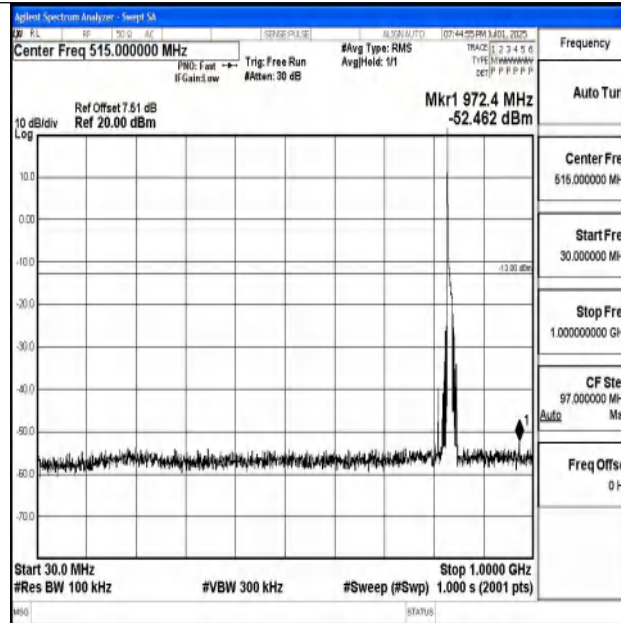
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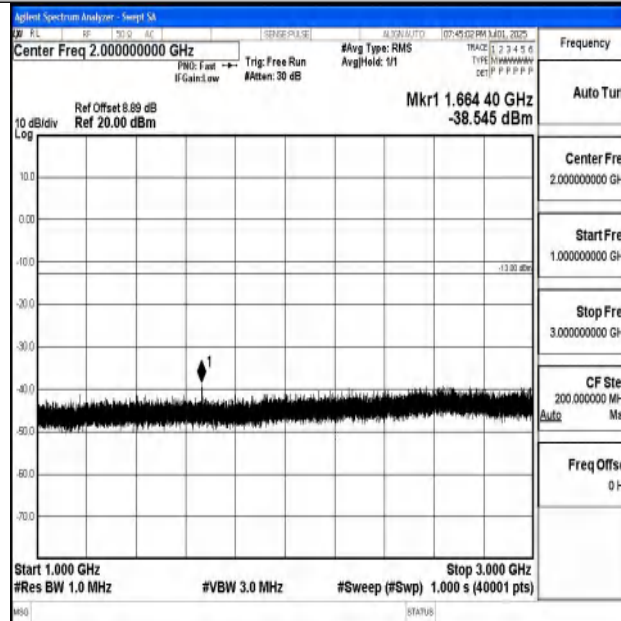
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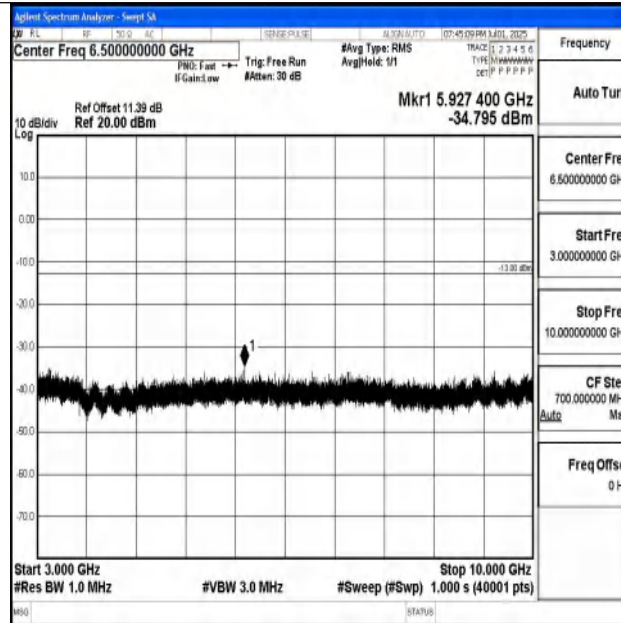
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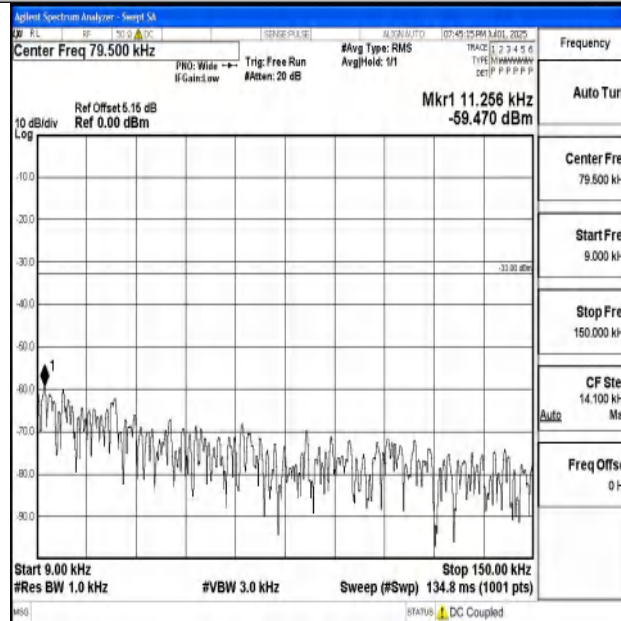
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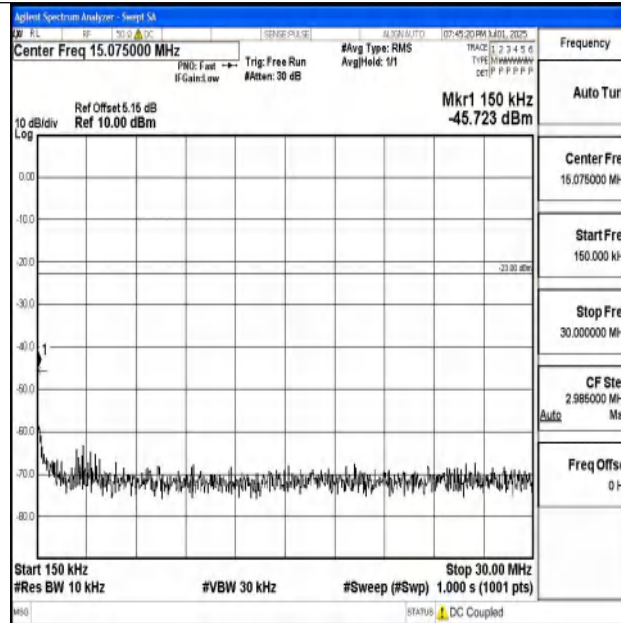
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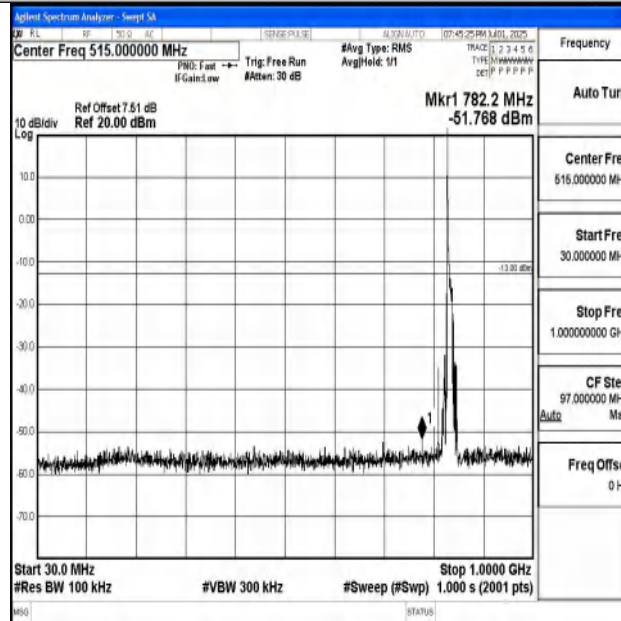
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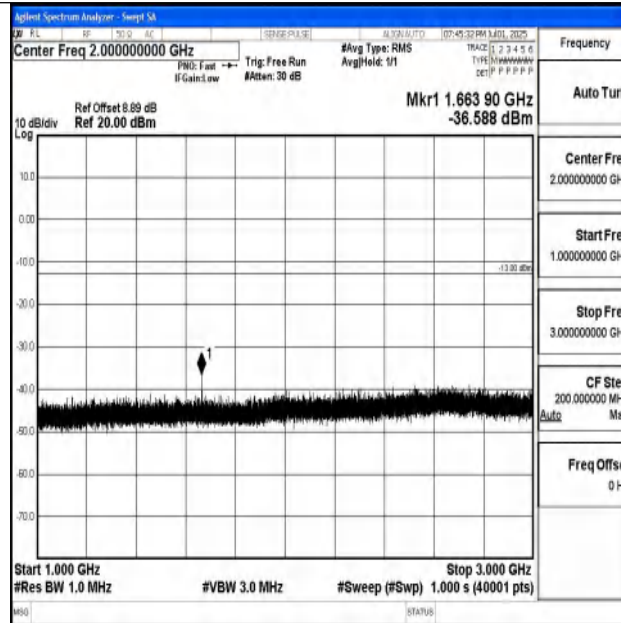
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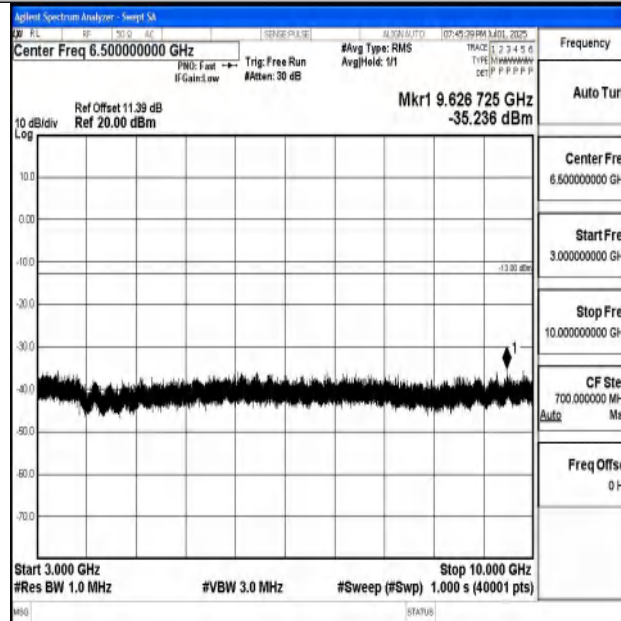
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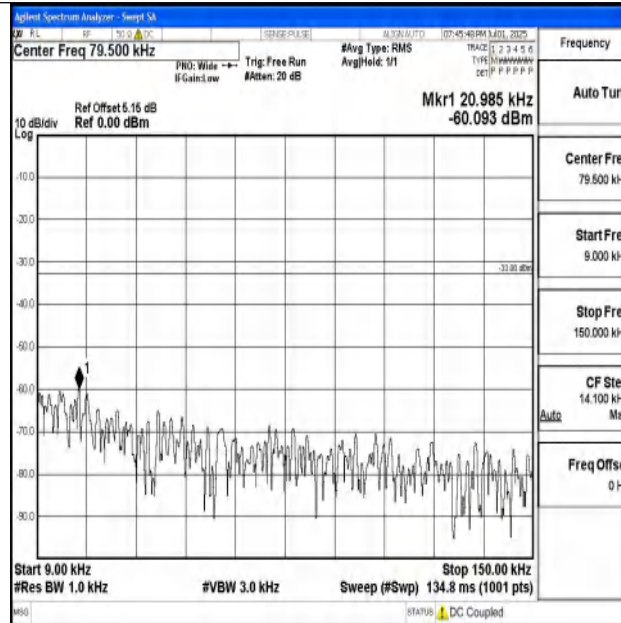
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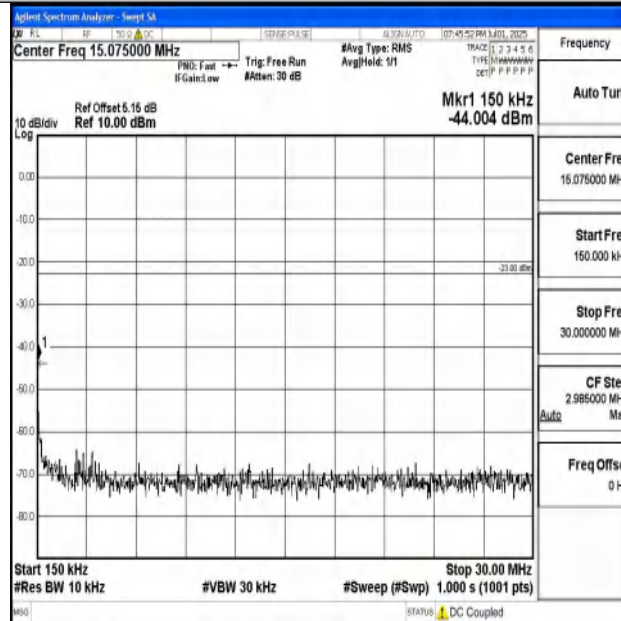
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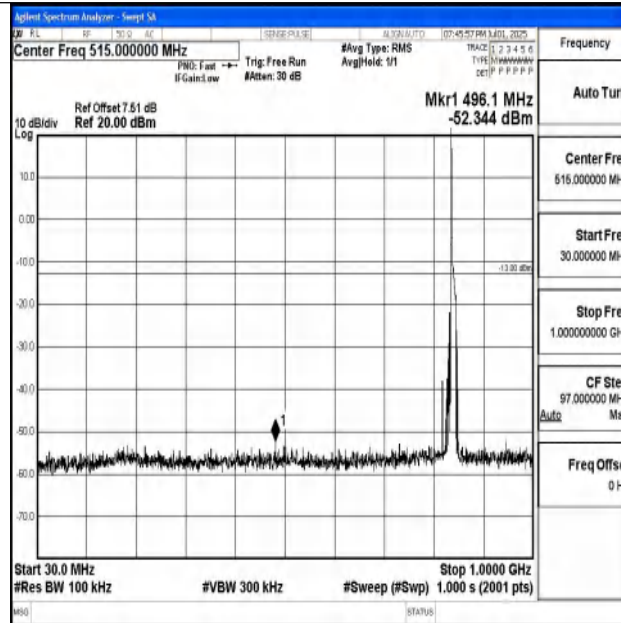
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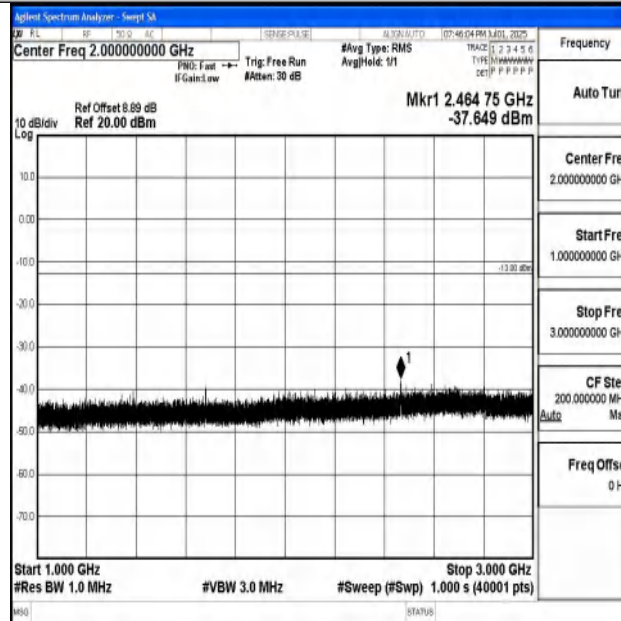
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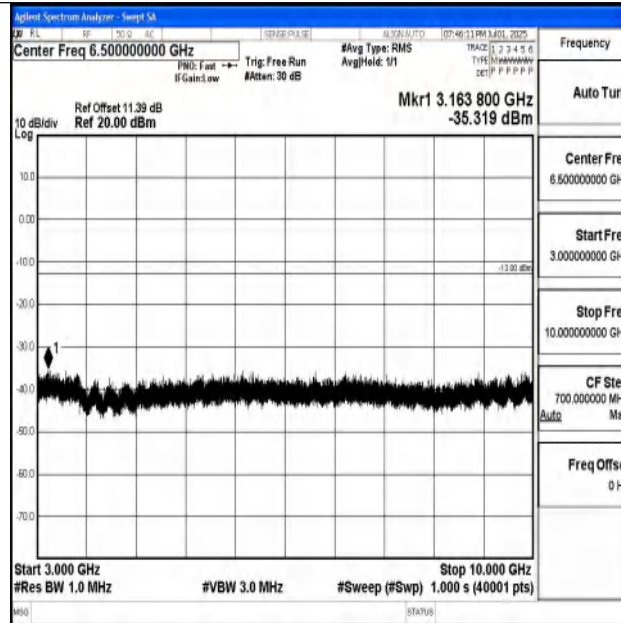
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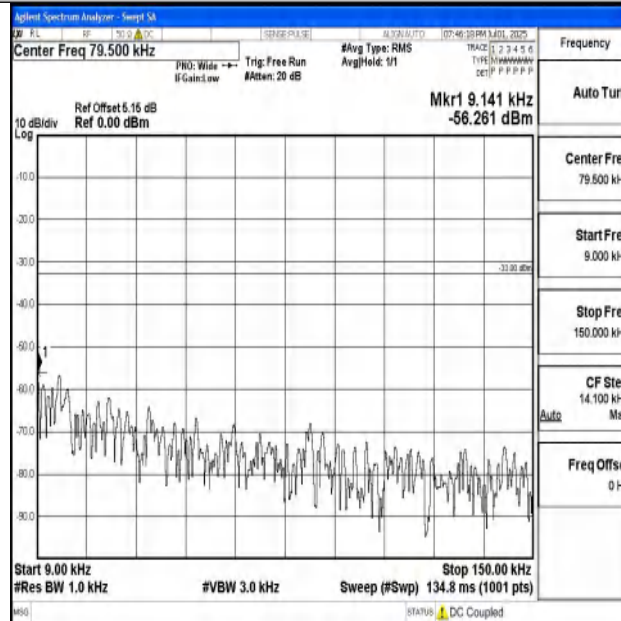
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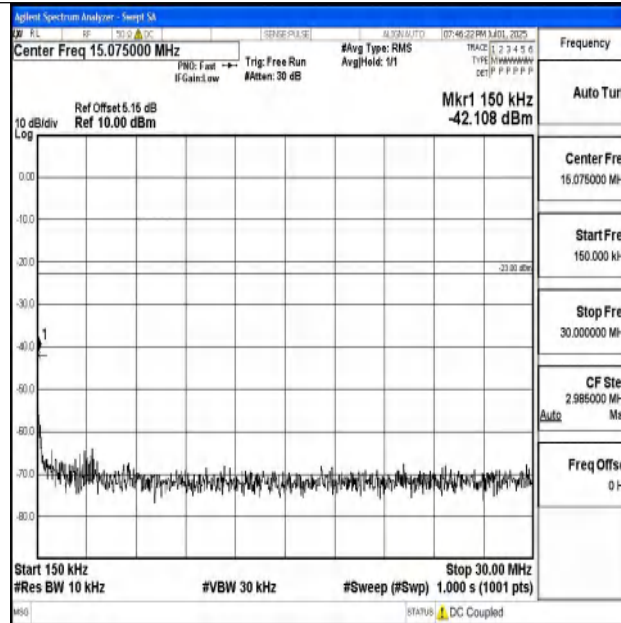
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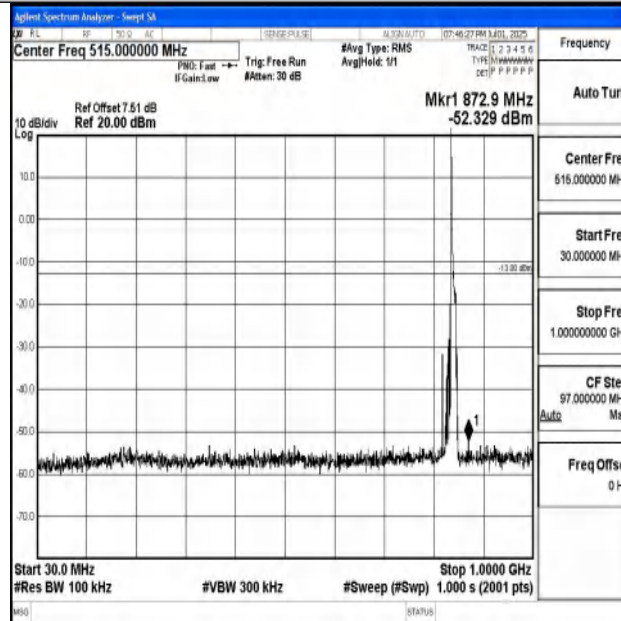
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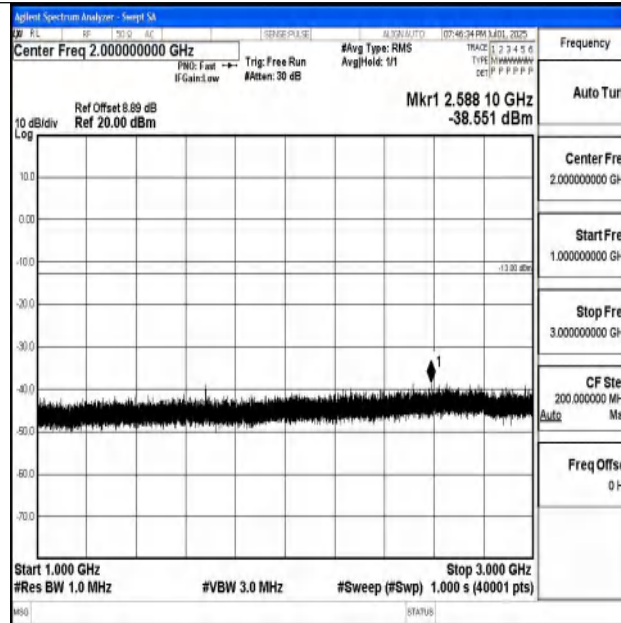
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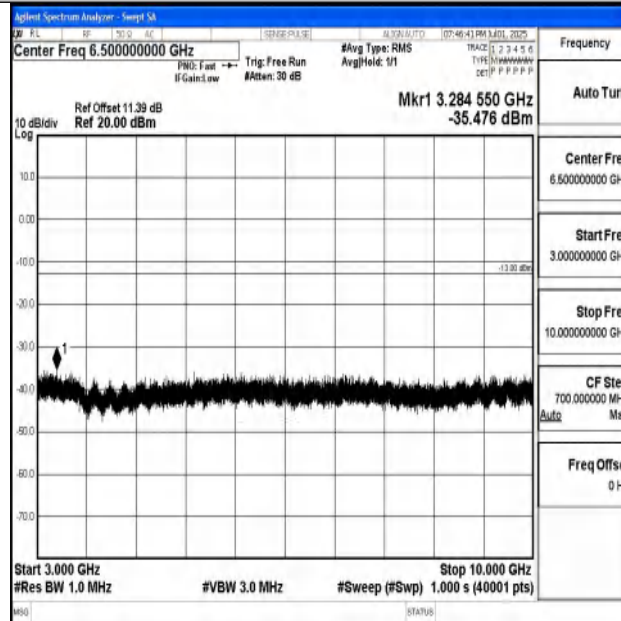
Band5_10MHz_16QAM_20600_1RB#0_0.15~30_0.15~30



Band5_10MHz_16QAM_20600_1RB#0_30~1000_30~1000



Band5_10MHz_16QAM_20600_1RB#0_1000~3000_1000~3000



Band5_10MHz_16QAM_20600_1RB#0_3000~10000_3000~10000