F.5 Conducted Spurious Emission

Test Result

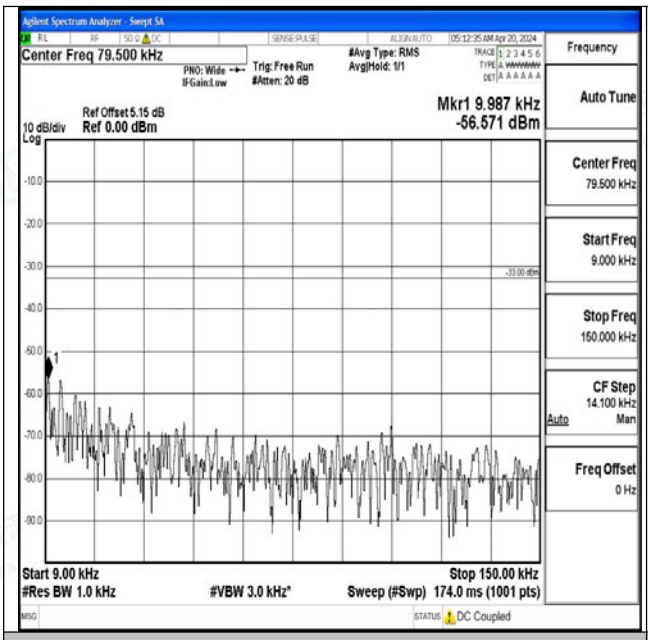
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-56.57	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-53.27	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-50.93	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-42.91	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.24	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-59.49	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-49.97	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-50.79	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-44.52	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.01	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-54.28	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-52.16	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-50.80	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-43.94	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-43.70	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-57.13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-53.23	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-51.60	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-45.64	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-44.30	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-58.47	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-51.31	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-50.75	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-43.66	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.27	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-58.73	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-51.86	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-52.29	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-43.51	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.13	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-58.03	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-53.72	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-58.57	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-43.10	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-44.21	PASS

Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-54.93	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-52.00	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-58.85	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-43.86	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.04	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-56.11	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-51.28	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-59.63	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-43.23	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-43.66	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-57.05	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-53.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-59.02	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-43.25	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.27	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-58.24	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-53.81	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-58.09	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-43.60	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.13	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-55.61	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-51.54	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-57.82	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-43.66	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.23	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-57.34	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-52.49	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-61.98	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-42.62	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-44.19	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-54.66	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-51.99	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-62.10	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-43.79	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-43.68	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-59.10	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-54.05	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-61.85	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-42.55	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-44.25	PASS

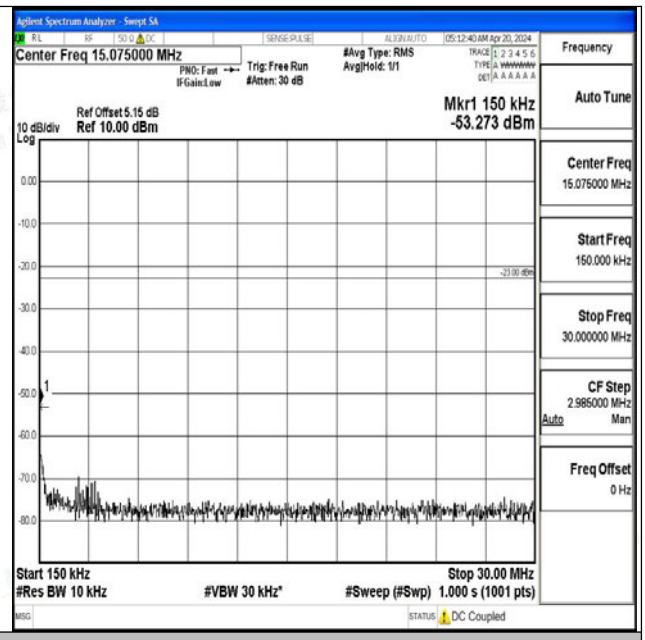
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-54.17	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-53.39	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-61.82	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-43.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.12	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-58.15	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-50.36	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-61.82	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-43.91	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-43.79	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-56.70	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-51.69	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-61.79	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-45.59	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-43.75	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-56.23	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-52.18	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.06	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-43.24	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.22	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-59.50	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-52.55	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-61.75	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-41.74	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-44.47	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-58.78	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-53.03	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.13	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-43.48	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-44.09	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-56.32	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-51.34	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.21	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-43.02	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-44.32	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-55.96	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-51.61	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-61.61	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-44.36	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.20	PASS

Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-56.26	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-52.47	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-62.06	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-44.78	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.32	PASS

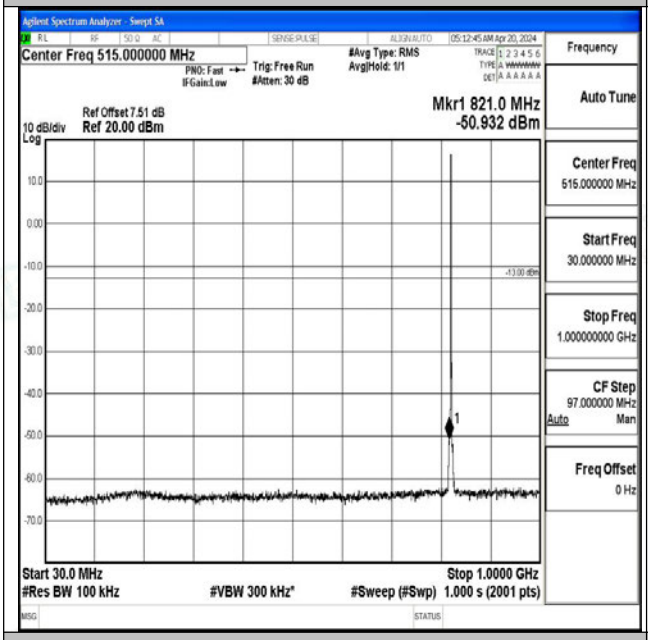
Test Graphs



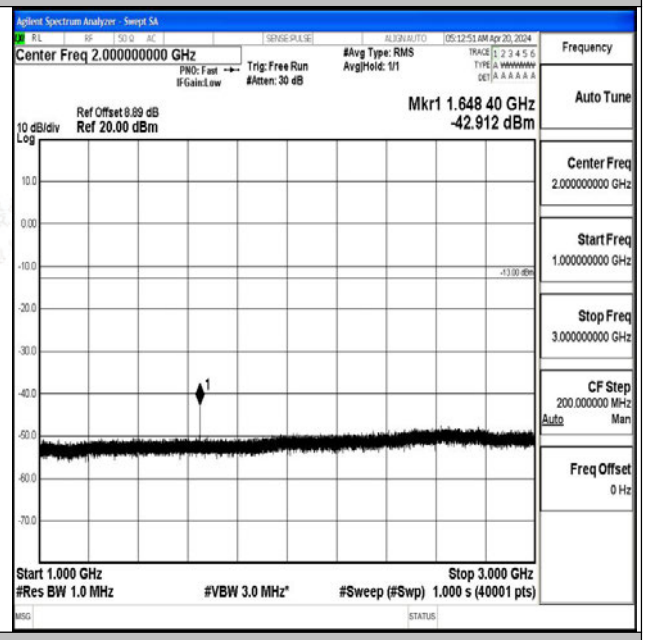
Band5_1.4MHz_QPSK_20407_1RB#0_0.009~0.15_0.009~0.15



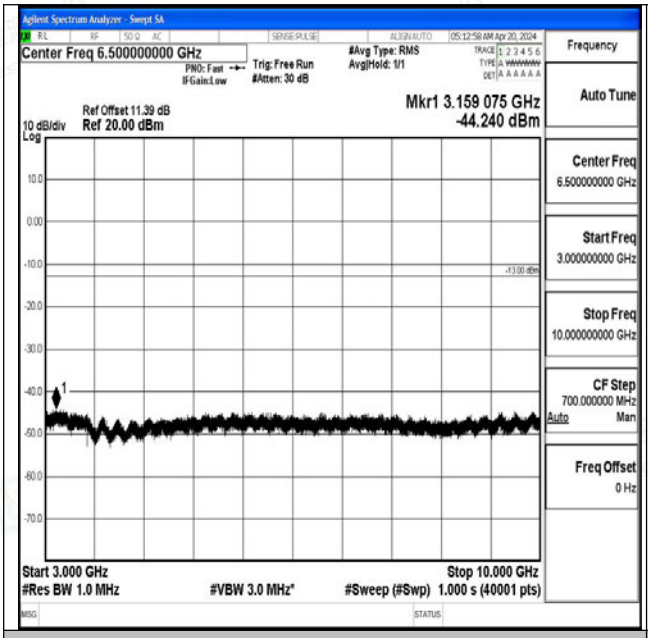
Band5_1.4MHz_QPSK_20407_1RB#0_0.15~30_0.15~30



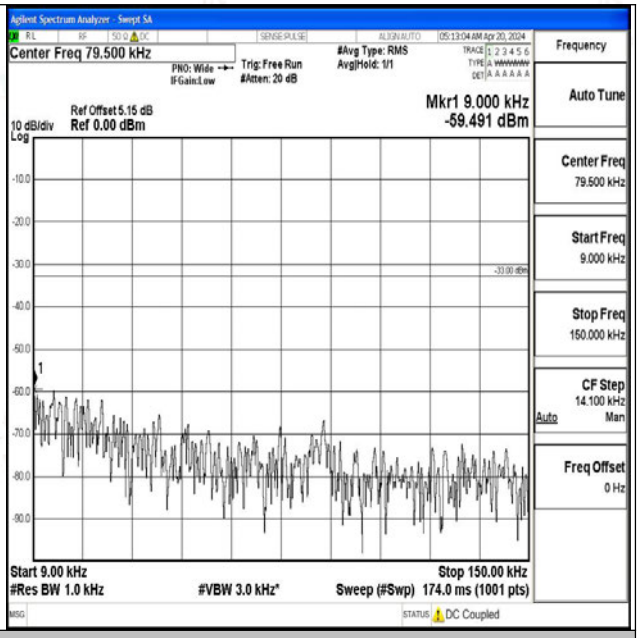
Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000



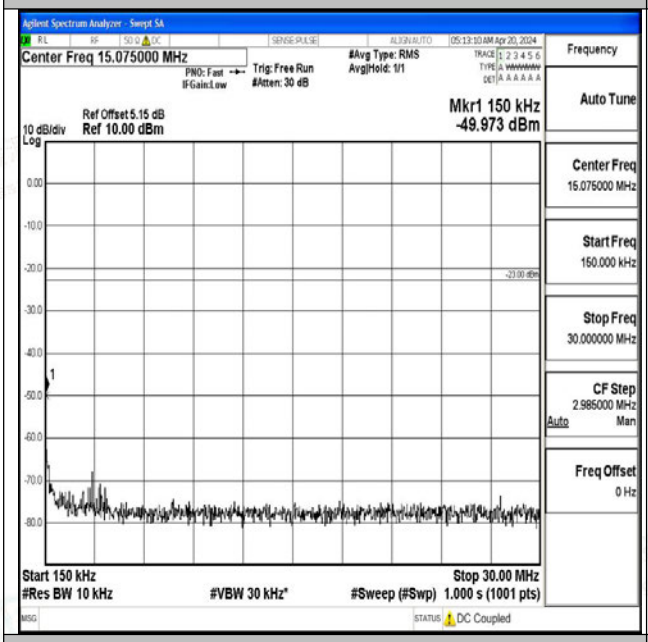
Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000



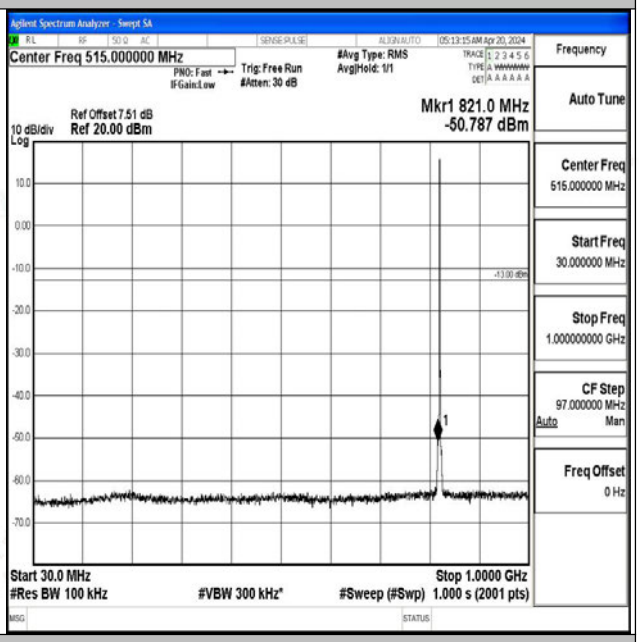
Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000



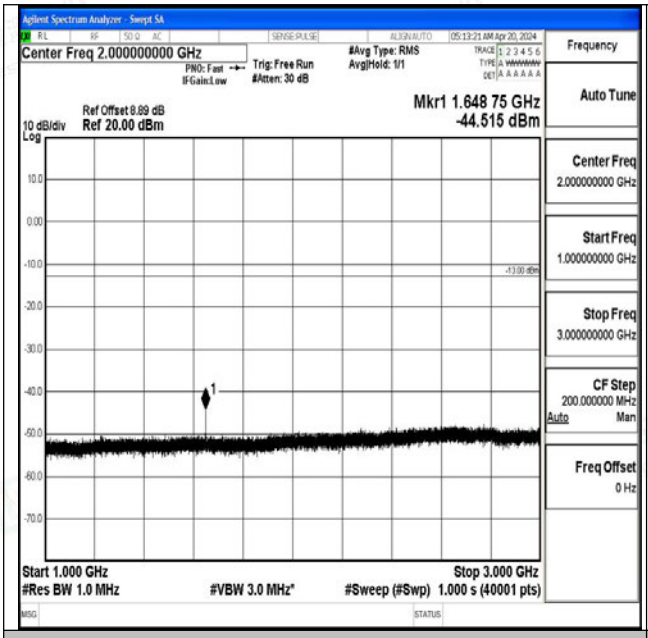
Band5_1.4MHz_16QAM_20407_1RB#0_0.009~0.15_0.009~0.15



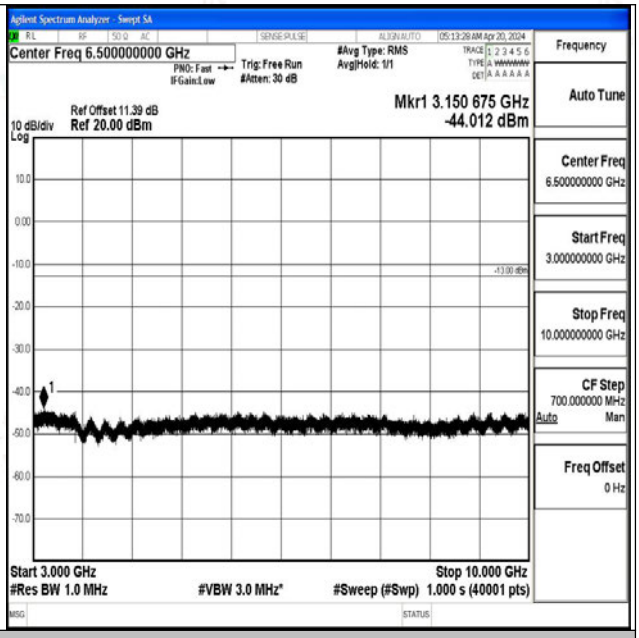
Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_16QAM_20407_1RB#0_30~1000_30~1000



Band5_1.4MHz_16QAM_20407_1RB#0_1000~3000_1000~3000



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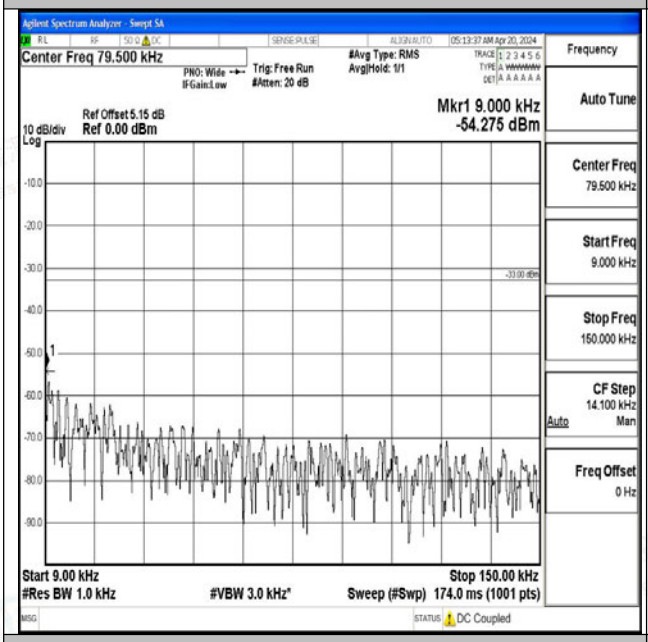

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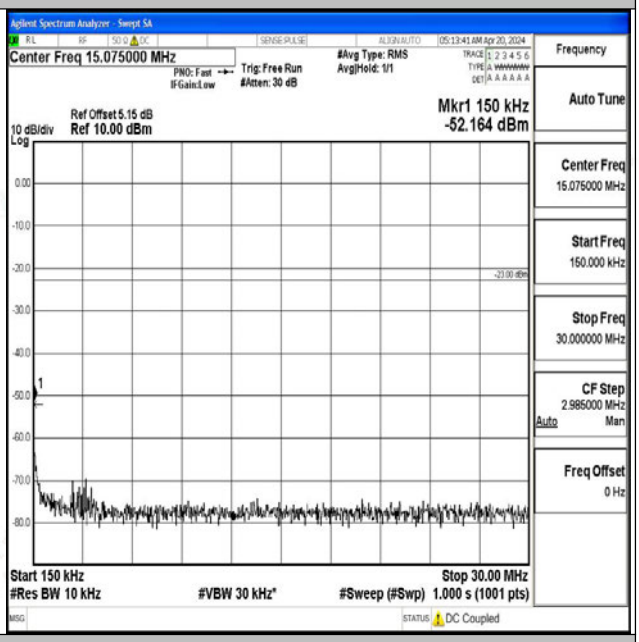
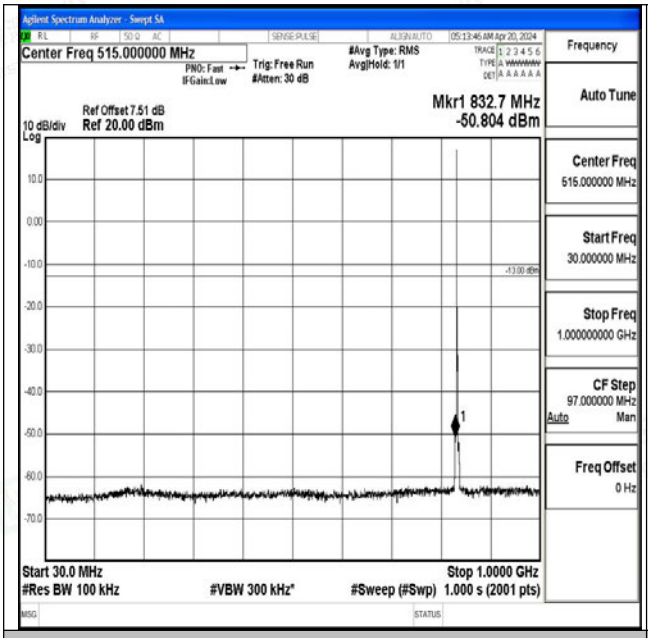
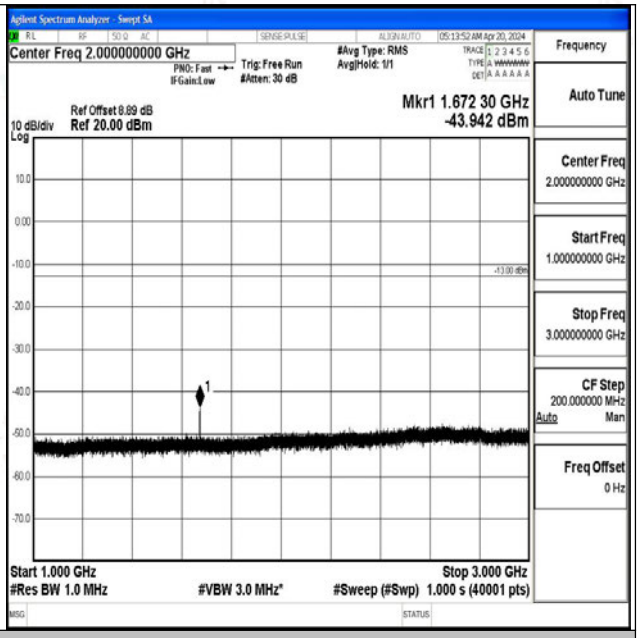


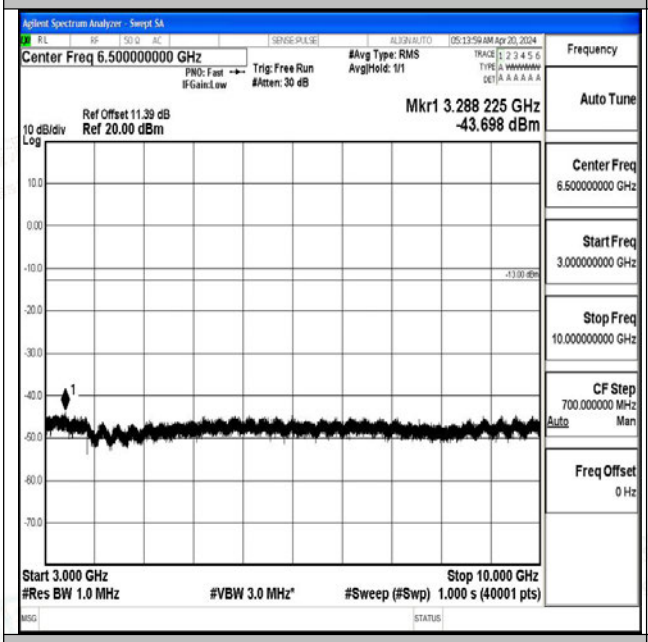
Band5_1.4MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



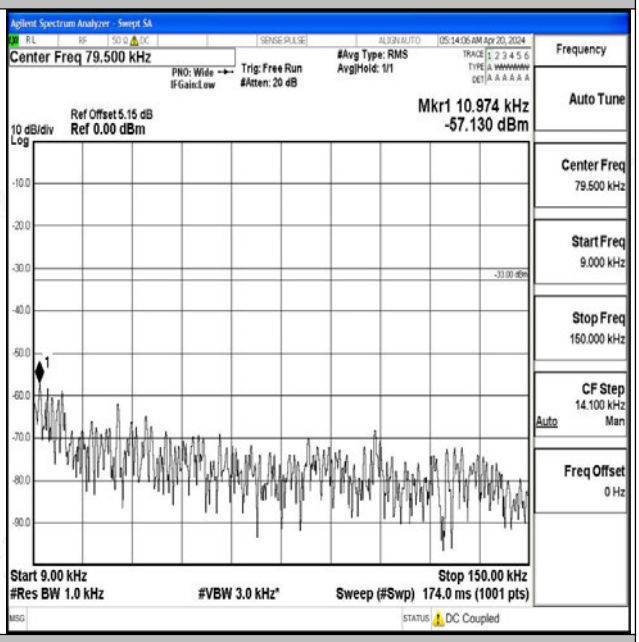
Band5_1.4MHz_QPSK_20525_1RB#0_30~1000_30~1000



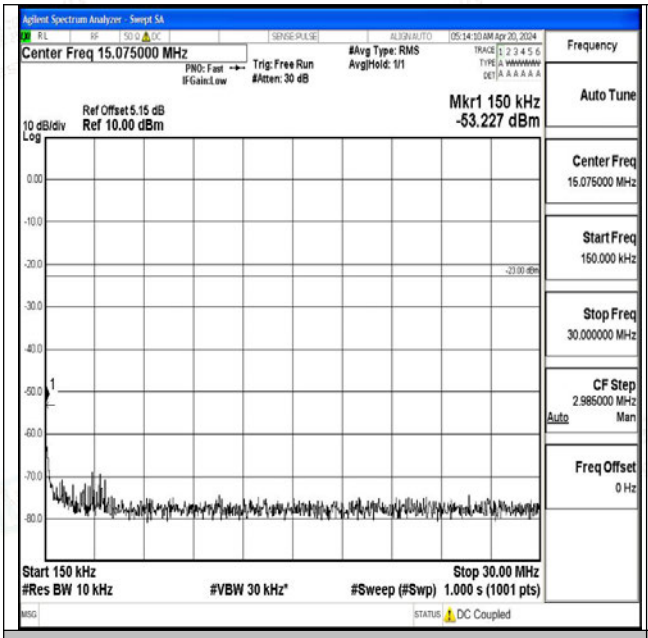
Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



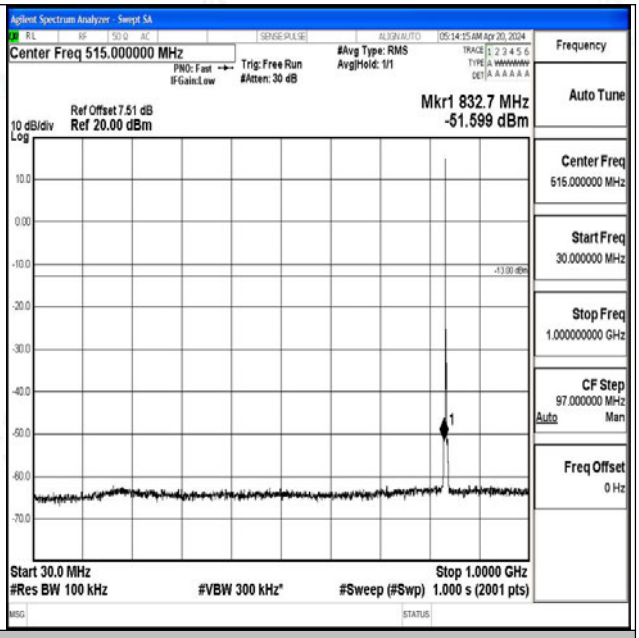
Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000



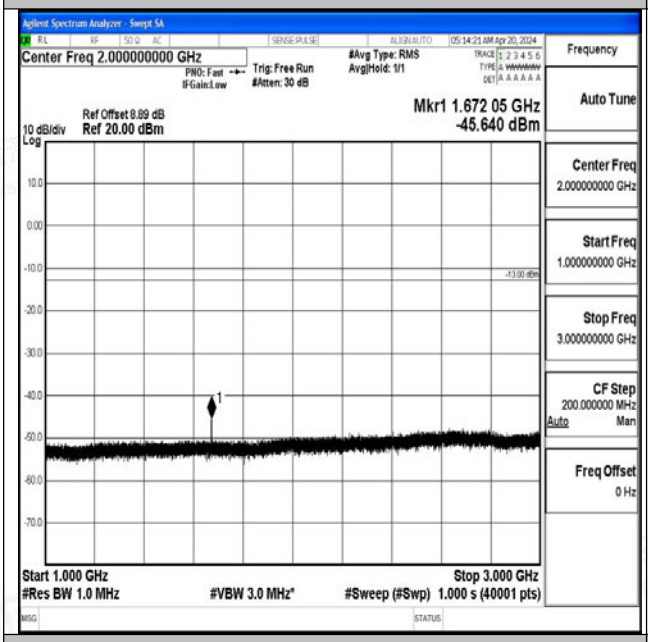
Band5_1.4MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15



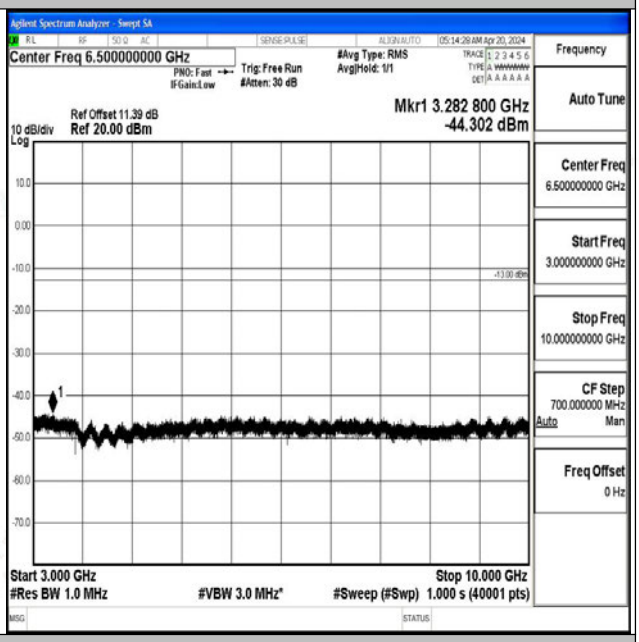
Band5_1.4MHz_16QAM_20525_1RB#0_0.15~30_0.15~30



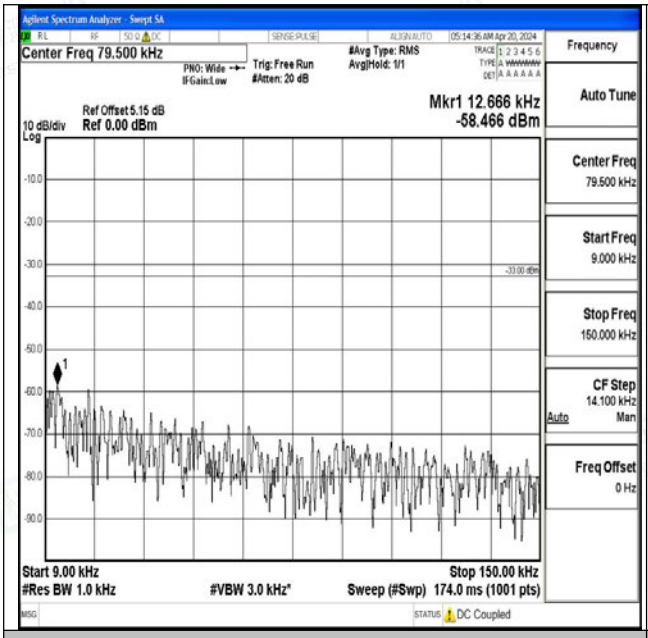
Band5_1.4MHz_16QAM_20525_1RB#0_30~1000_30~1000



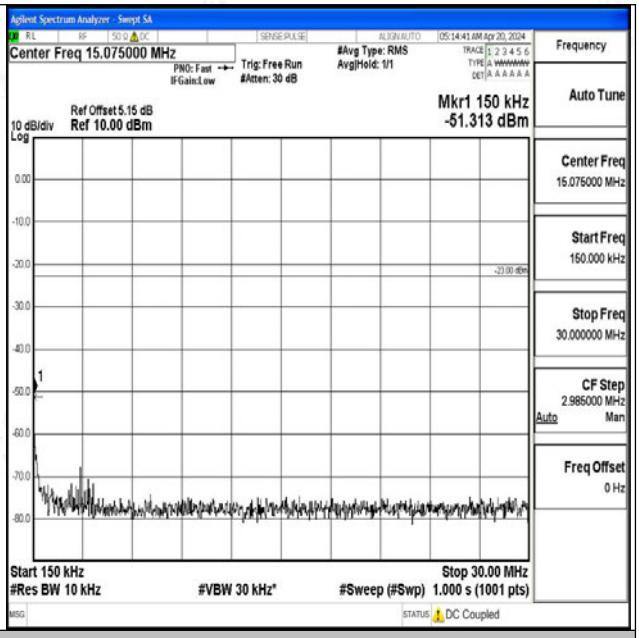
Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



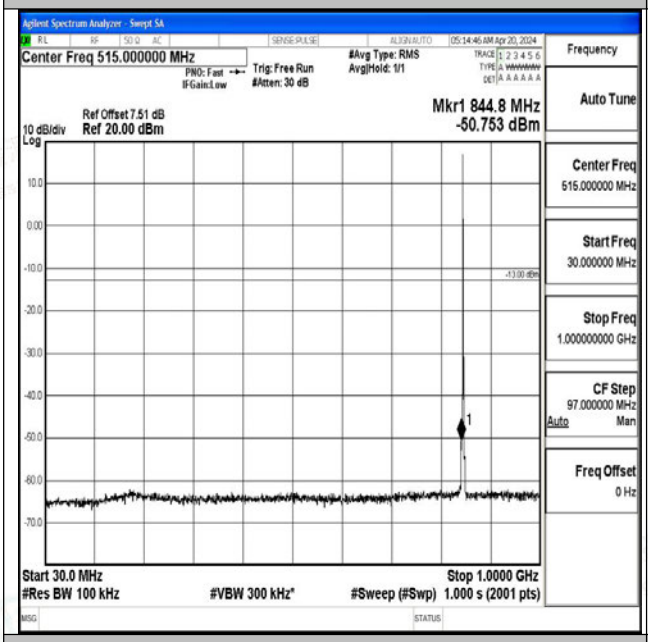
Band5_1.4MHz_16QAM_20525_1RB#0_3000~10000_3000~10000



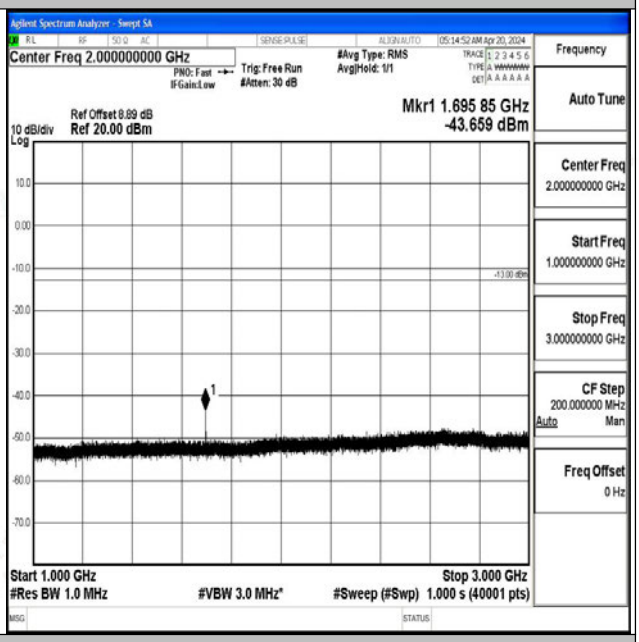
Band5_1.4MHz_QPSK_20643_1RB#0_0.009~0.15_0.009~0.15



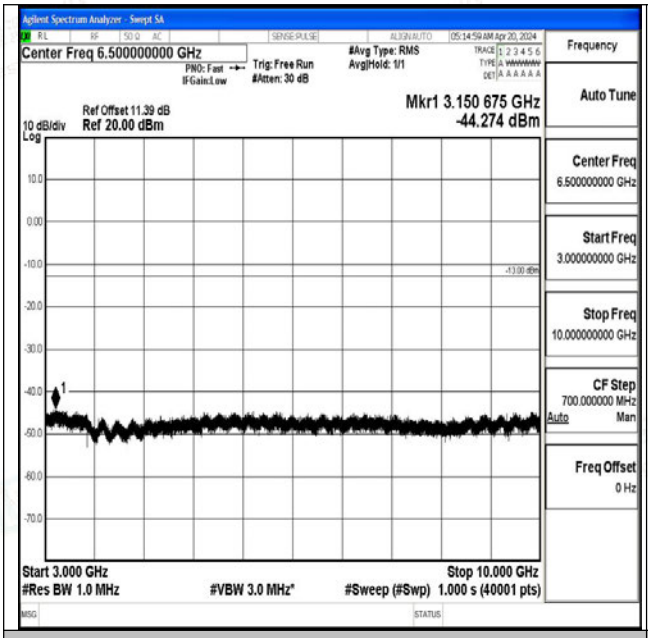
Band5_1.4MHz_QPSK_20643_1RB#0_0.15~30_0.15~30



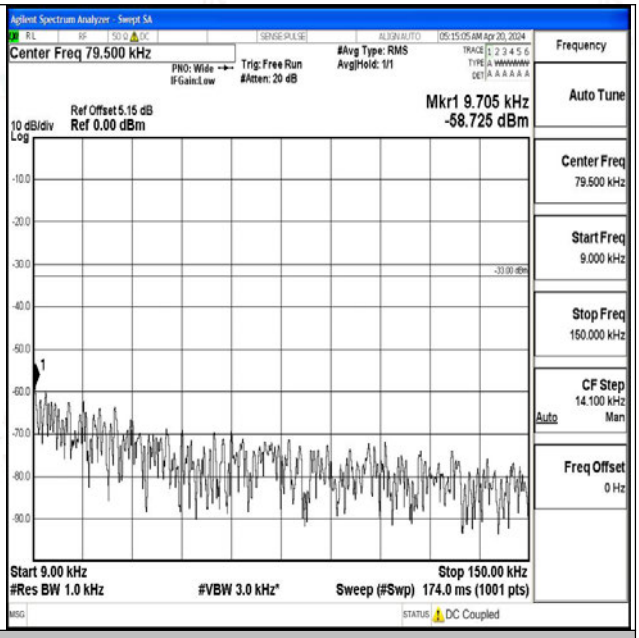
Band5_1.4MHz_QPSK_20643_1RB#0_30~1000_30~1000



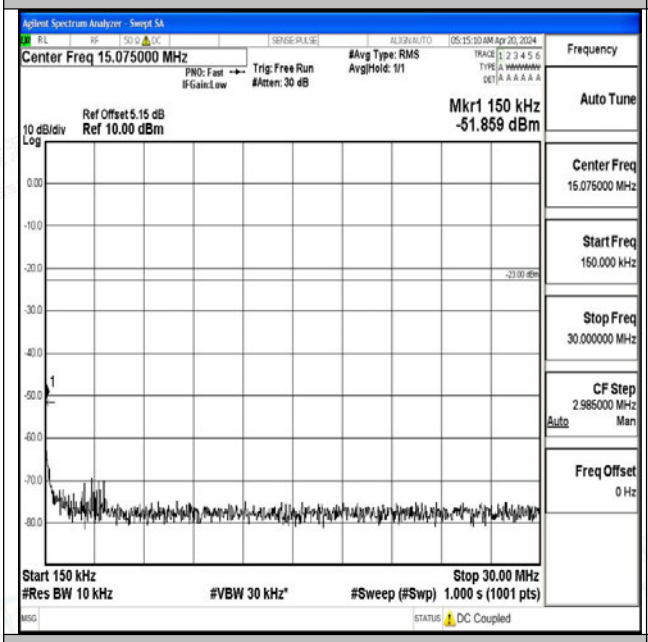
Band5_1.4MHz_QPSK_20643_1RB#0_1000~3000_1000~3000



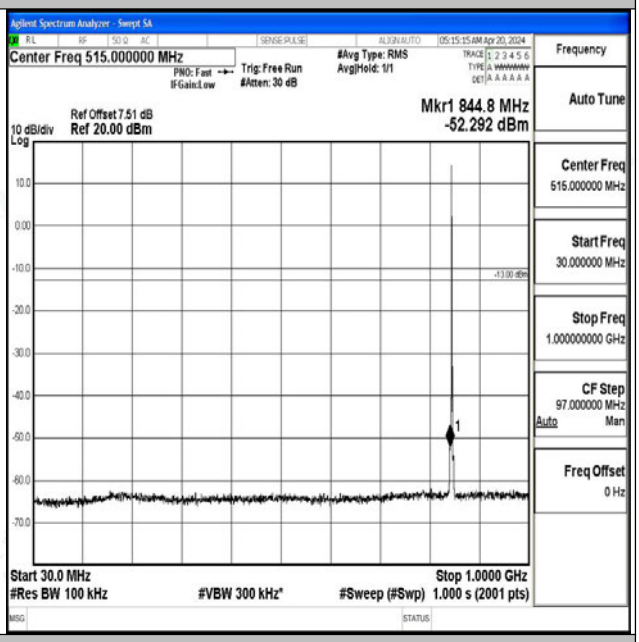
Band5_1.4MHz_QPSK_20643_1RB#0_3000~10000_3000~10000



Band5_1.4MHz_16QAM_20643_1RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_16QAM_20643_1RB#0_0.15~30_0.15~30



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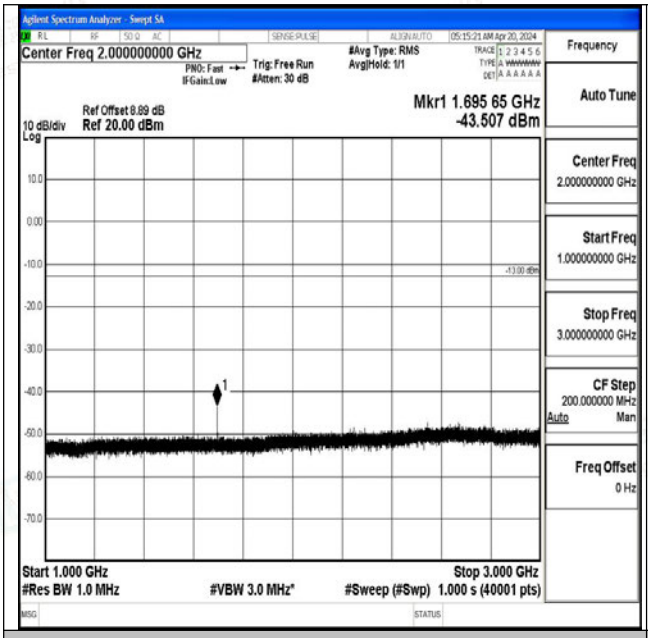

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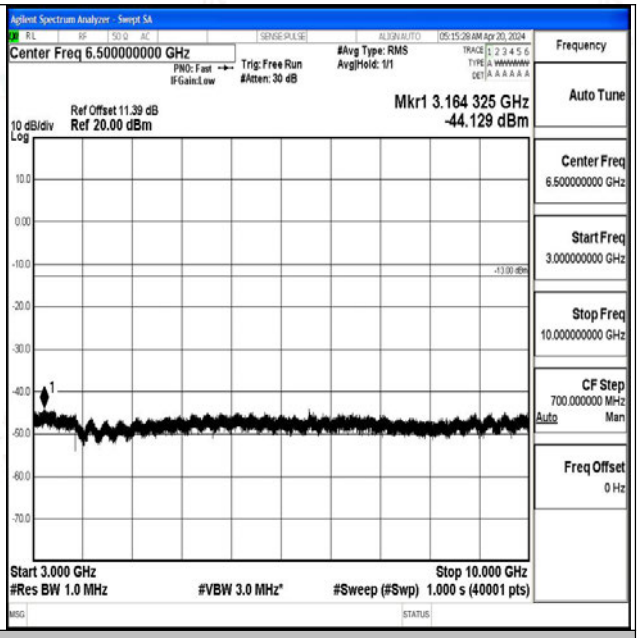
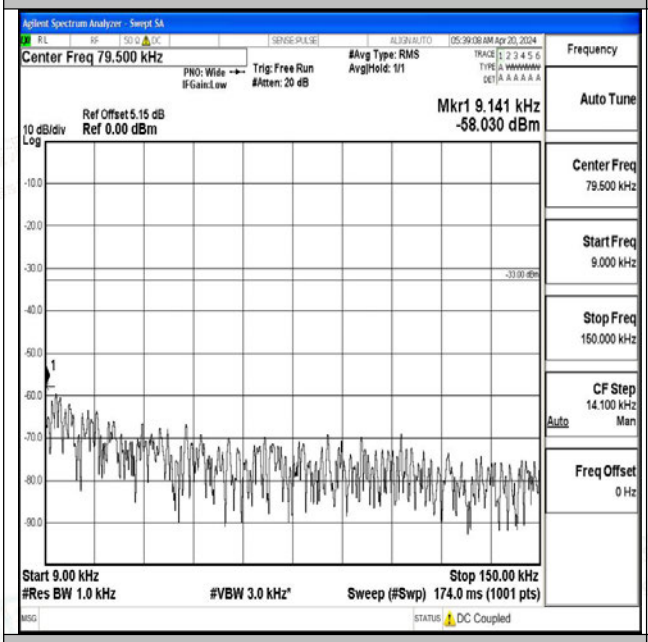


Band5_1.4MHz_16QAM_20643_1RB#0_3000~10000_3000~10000



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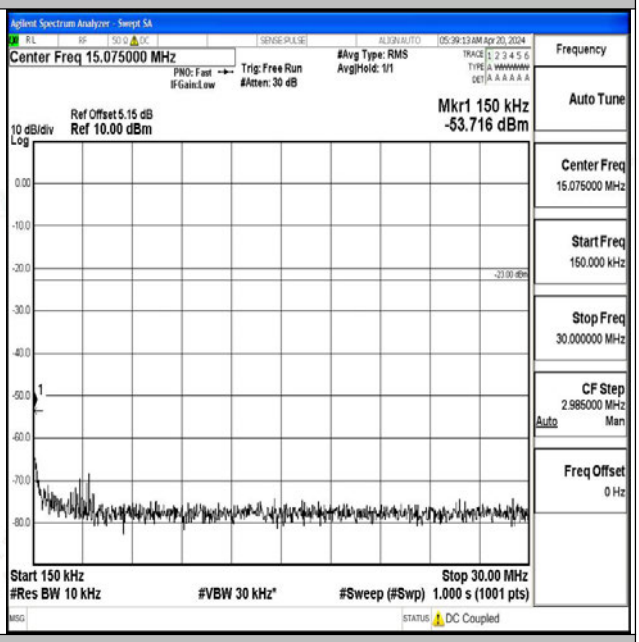
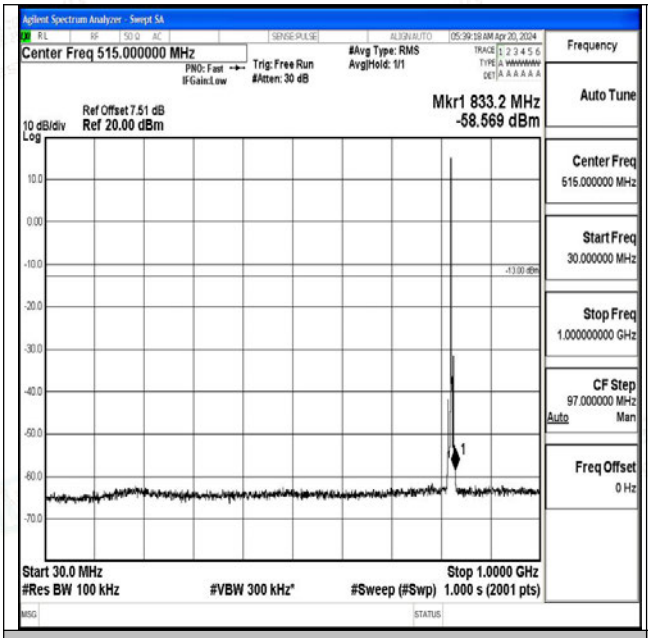


Band5_3MHz_QPSK_20415_1RB#0_0.15~30_0.15~30



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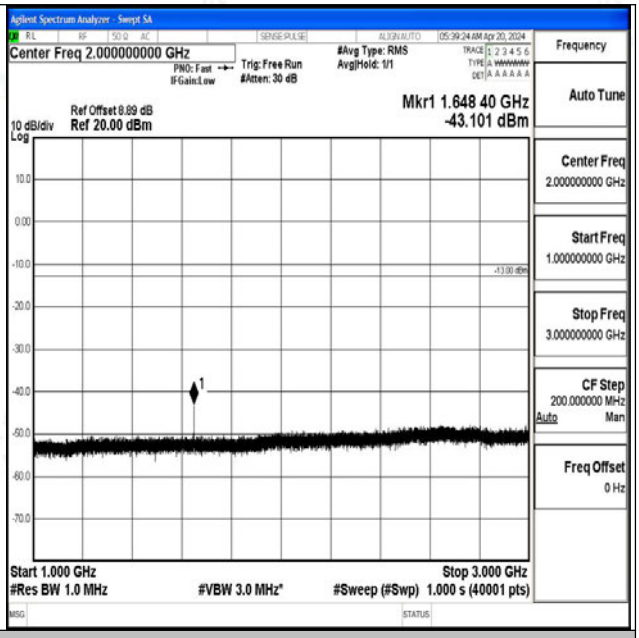

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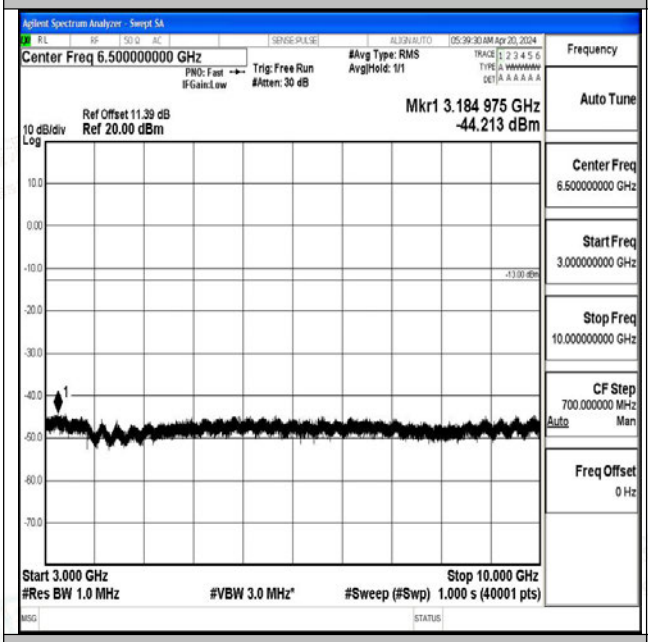

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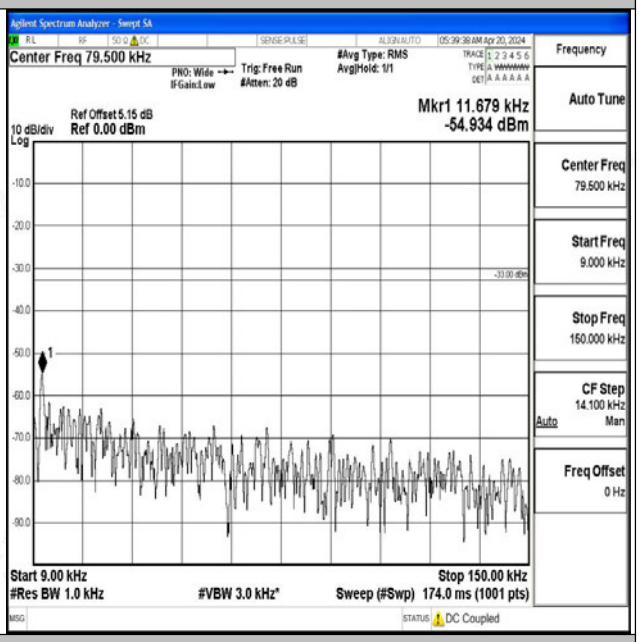

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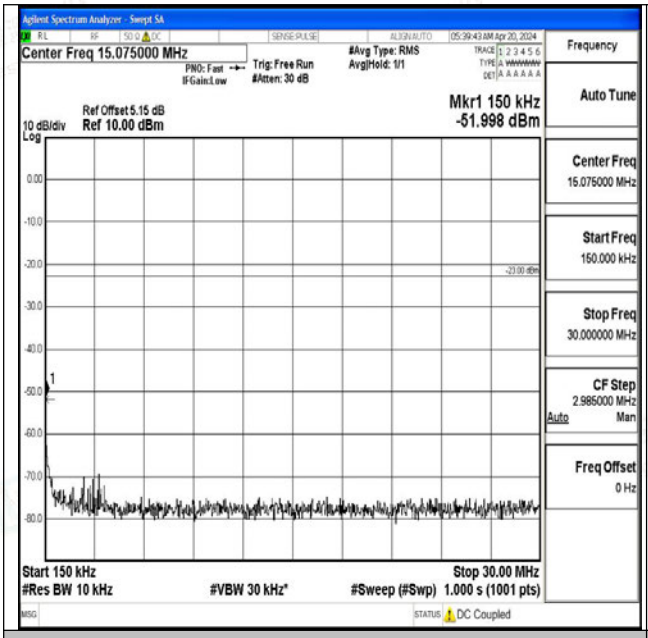
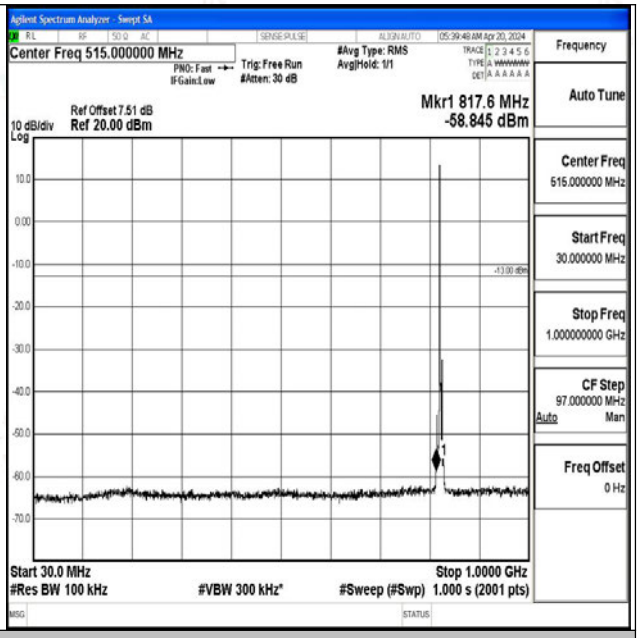
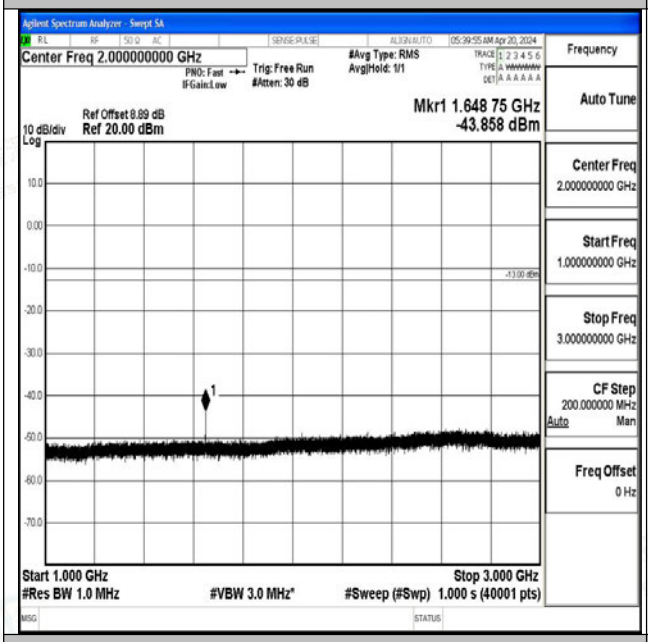


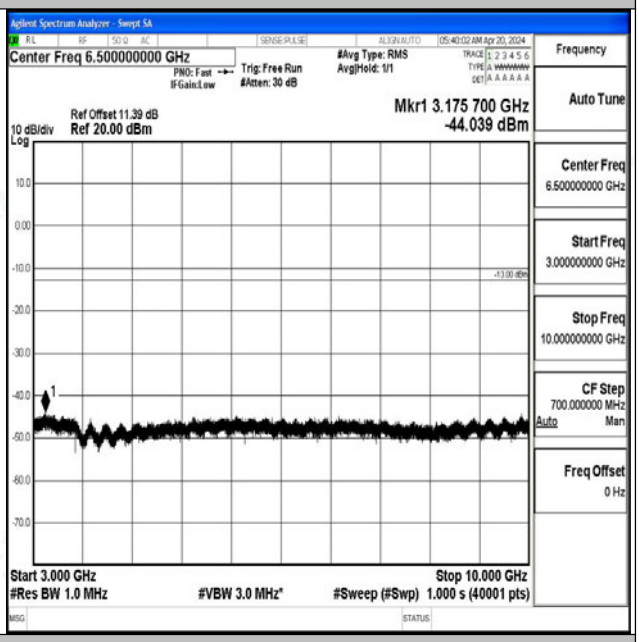
Band5_3MHz_16QAM_20415_1RB#0_0.15~30_0.15~30



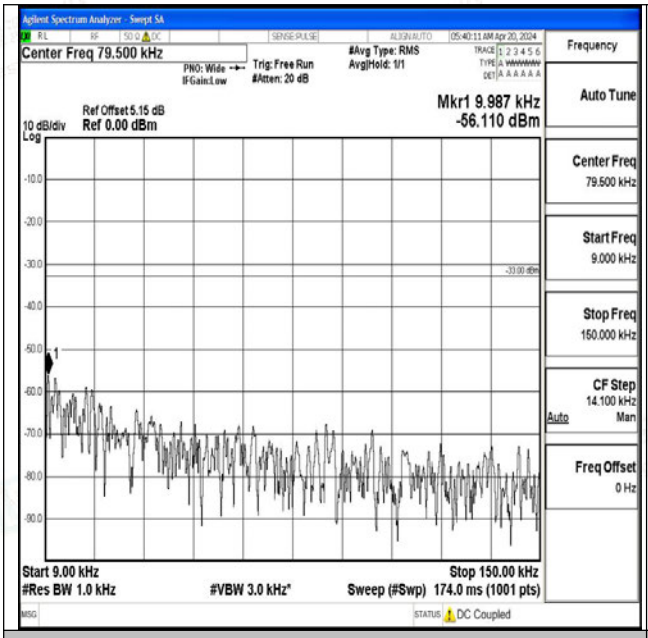
Band5_3MHz_16QAM_20415_1RB#0_30~1000_30~1000



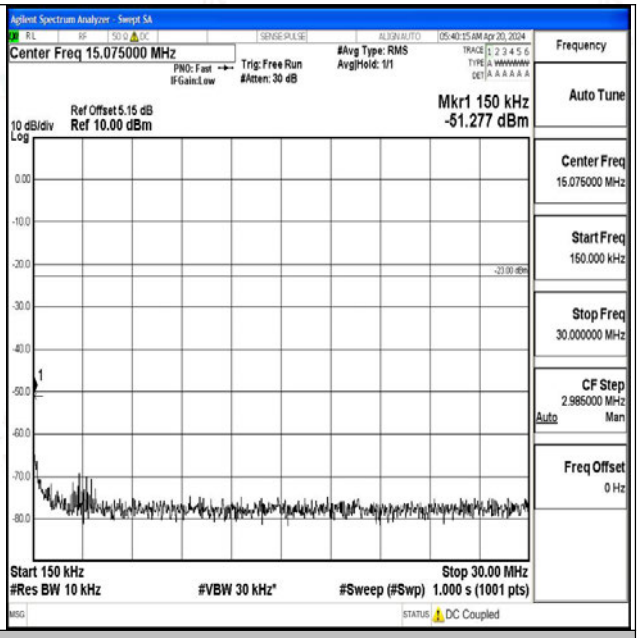
Band5_3MHz_16QAM_20415_1RB#0_1000~3000_1000~3000



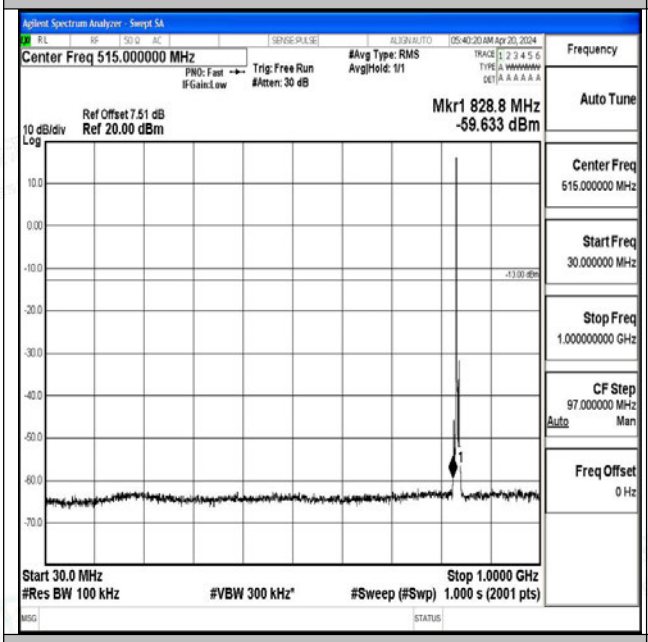
Band5_3MHz_16QAM_20415_1RB#0_3000~10000_3000~10000



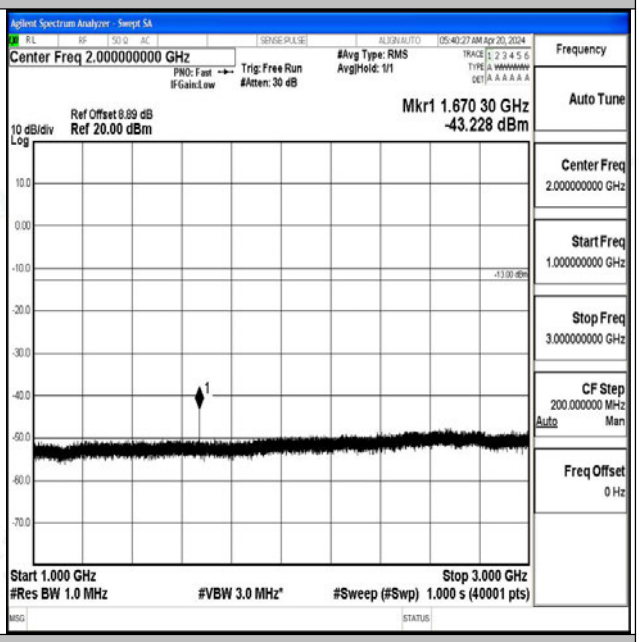
Band5_3MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15



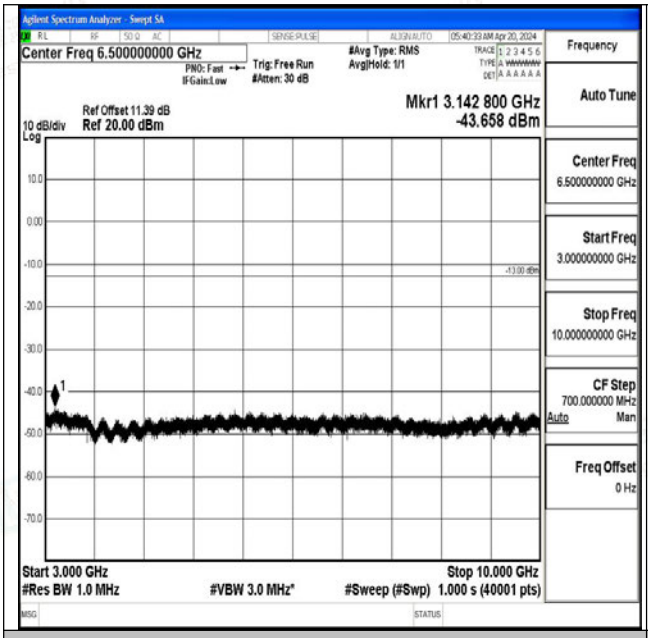
Band5_3MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



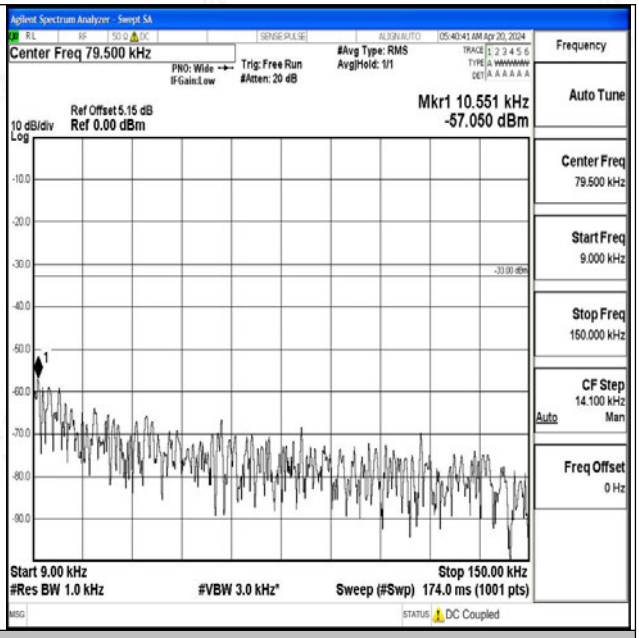
Band5_3MHz_QPSK_20525_1RB#0_30~1000_30~1000



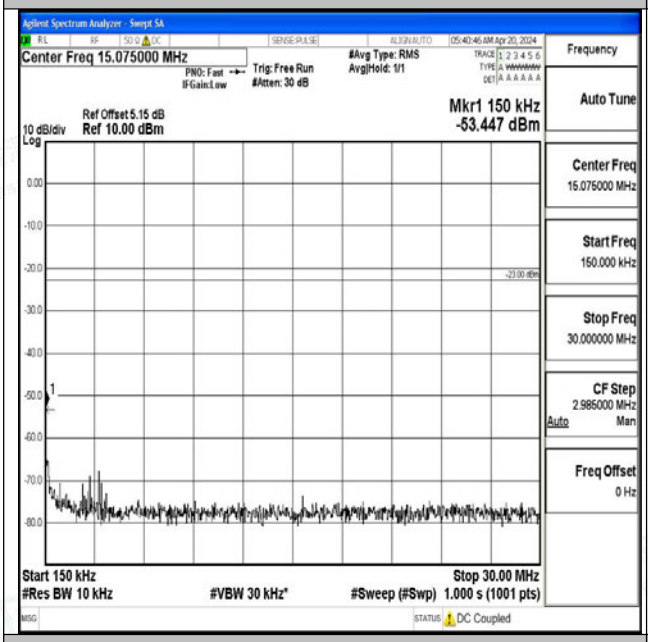
Band5_3MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



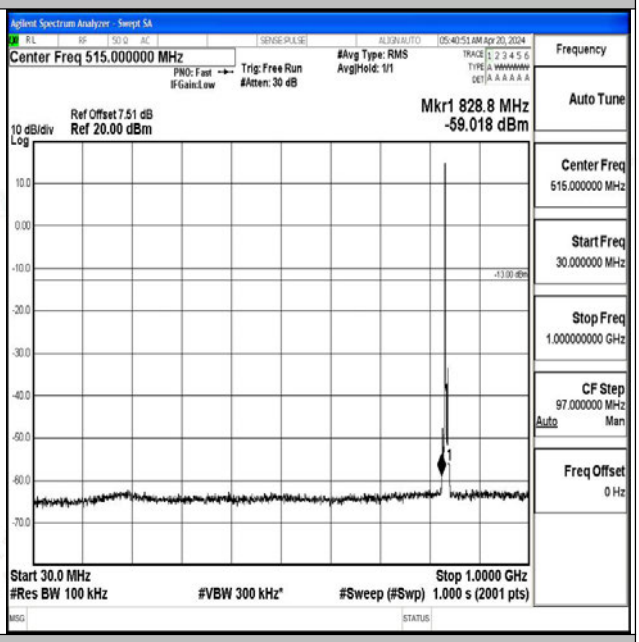
Band5_3MHz_QPSK_20525_1RB#0_3000~10000_3000~10000



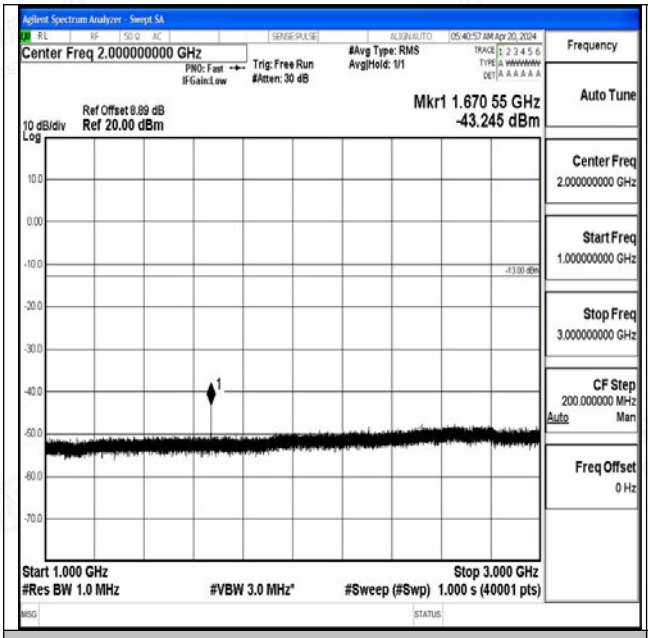
Band5_3MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15



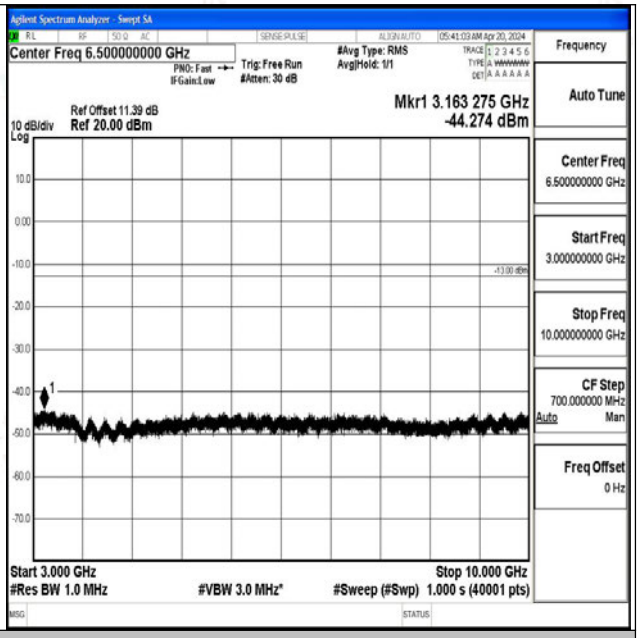
Band5_3MHz_16QAM_20525_1RB#0_0.15~30_0.15~30



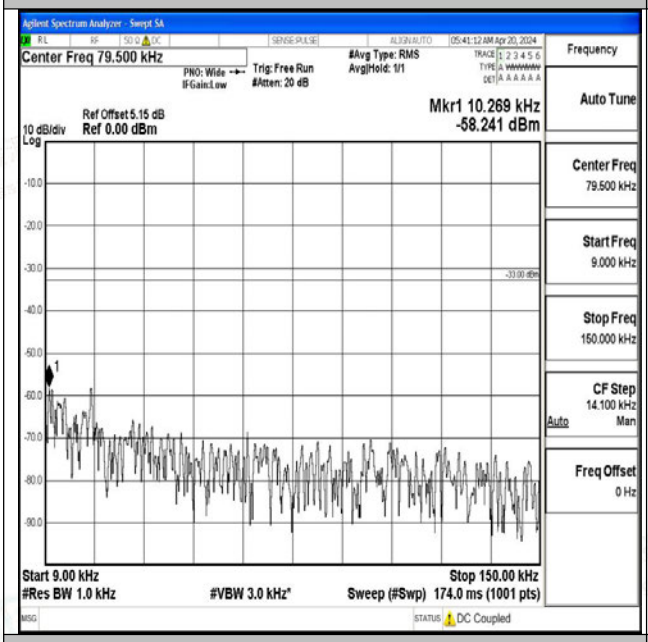
Band5_3MHz_16QAM_20525_1RB#0_30~1000_30~1000



Band5_3MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



Band5_3MHz_16QAM_20525_1RB#0_3000~10000_3000~10000



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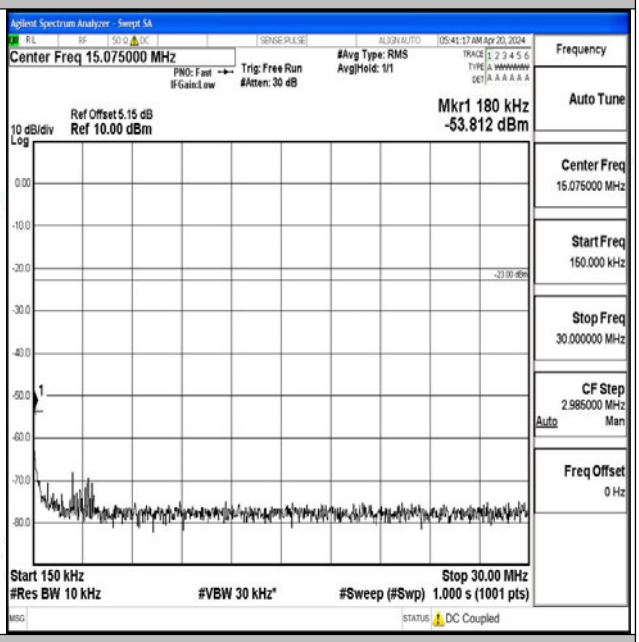
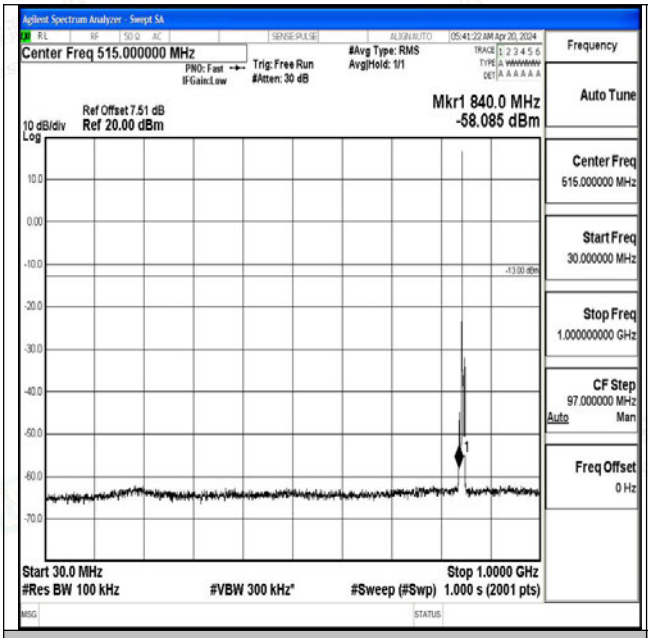
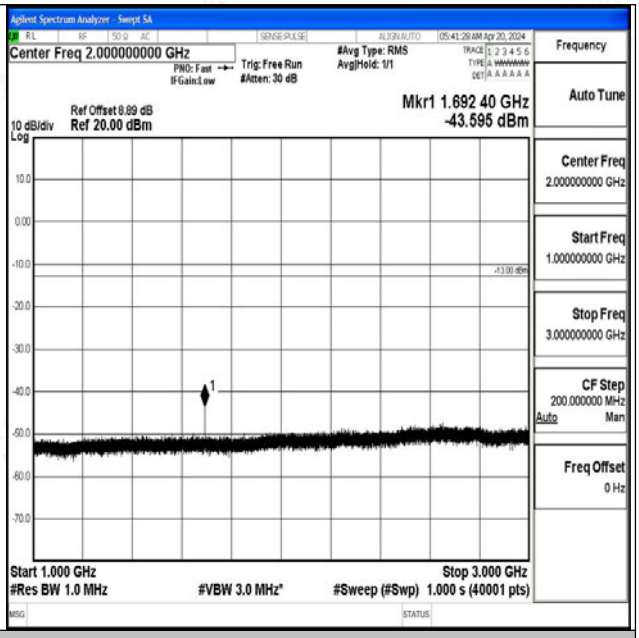


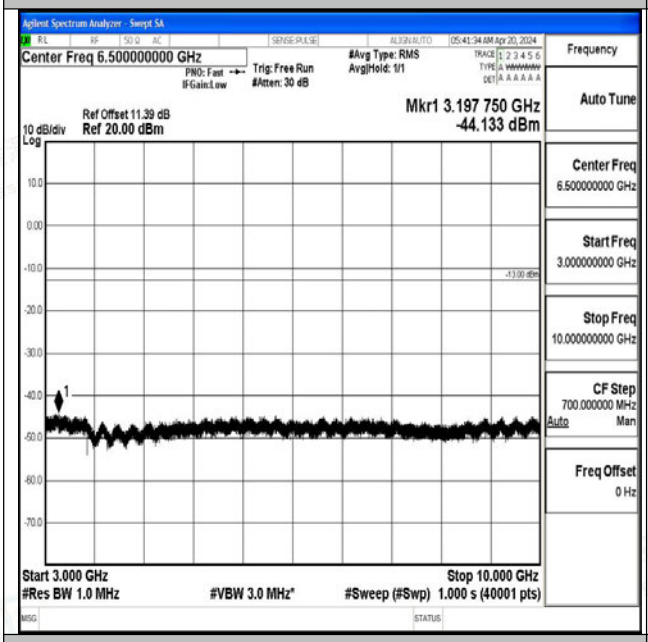
Band5_3MHz_QPSK_20635_1RB#0_0.15~30_0.15~30



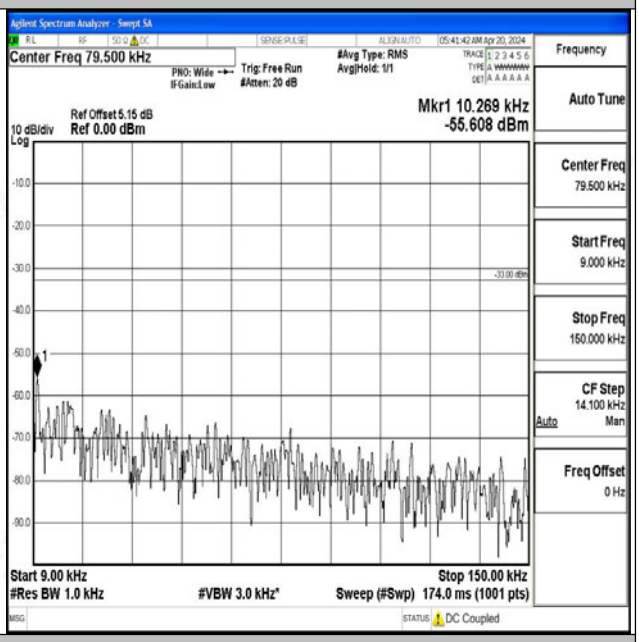
Band5_3MHz_QPSK_20635_1RB#0_30~1000_30~1000



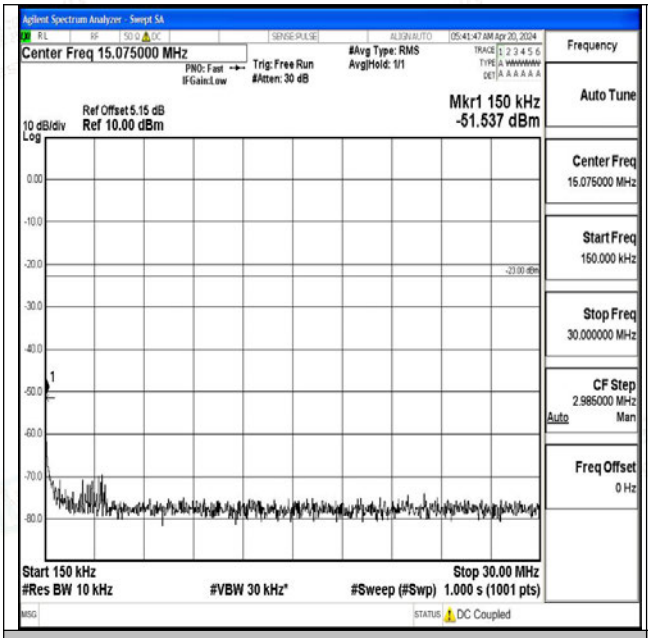
Band5_3MHz_QPSK_20635_1RB#0_1000~3000_1000~3000



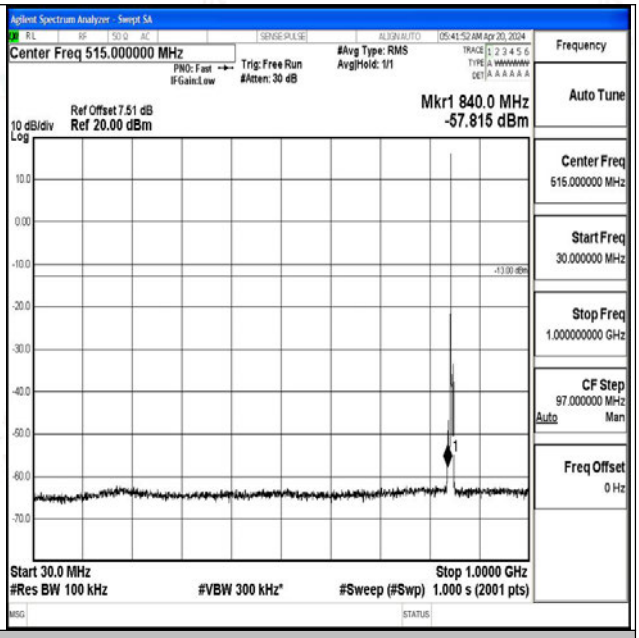
Band5_3MHz_QPSK_20635_1RB#0_3000~10000_3000~10000



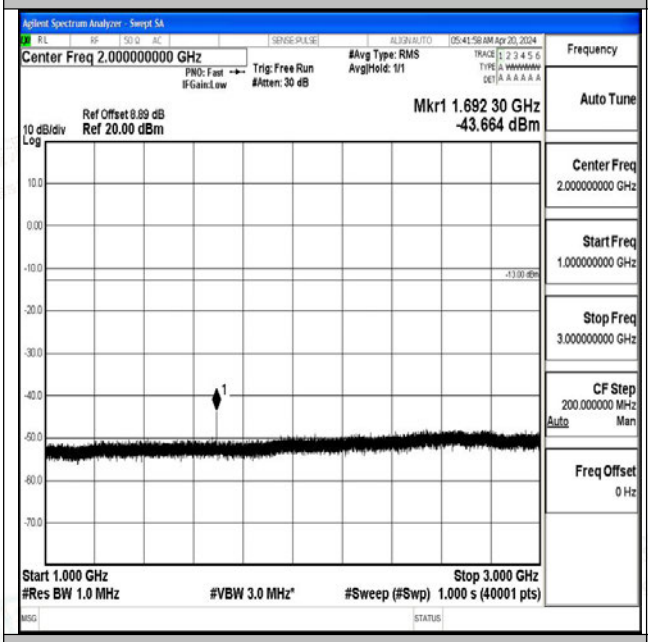
Band5_3MHz_16QAM_20635_1RB#0_0.009~0.15_0.009~0.15



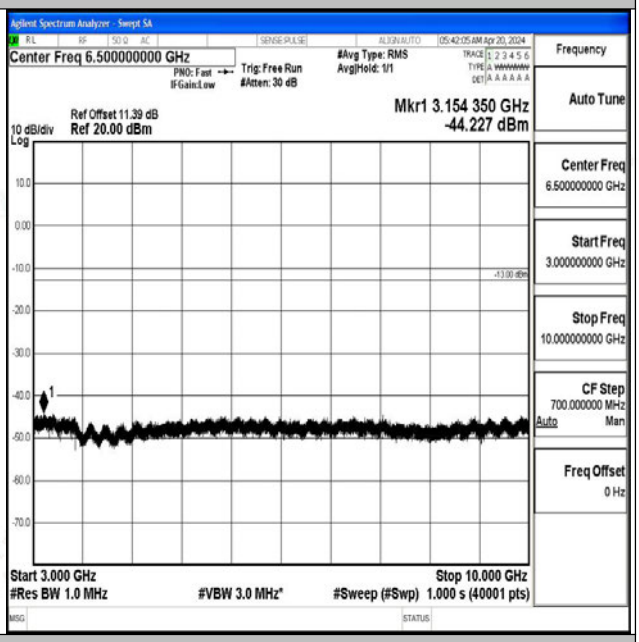
Band5_3MHz_16QAM_20635_1RB#0_0.15~30_0.15~30



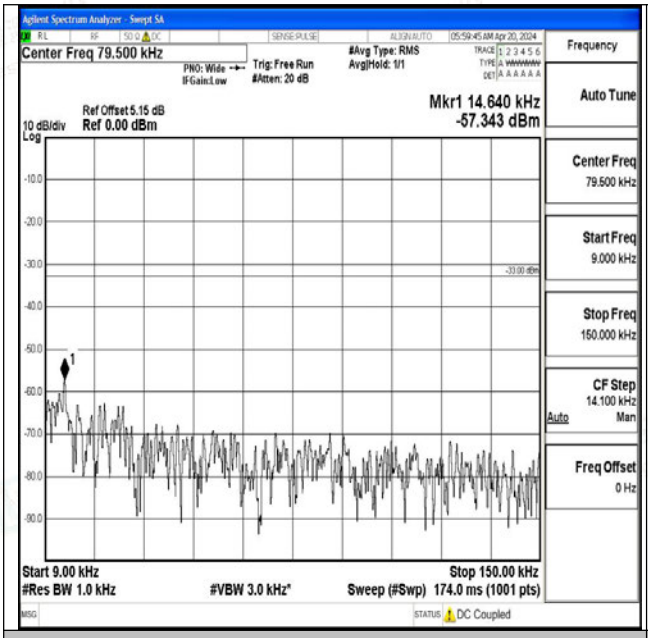
Band5_3MHz_16QAM_20635_1RB#0_30~1000_30~1000



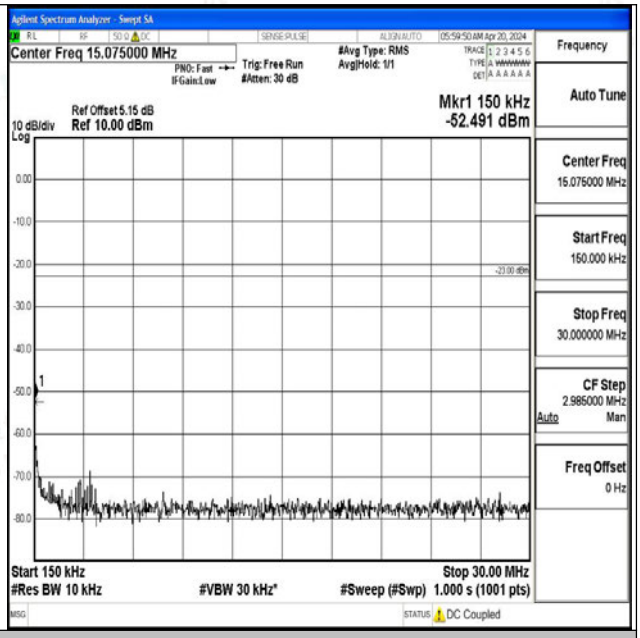
Band5_3MHz_16QAM_20635_1RB#0_1000~3000_1000~3000



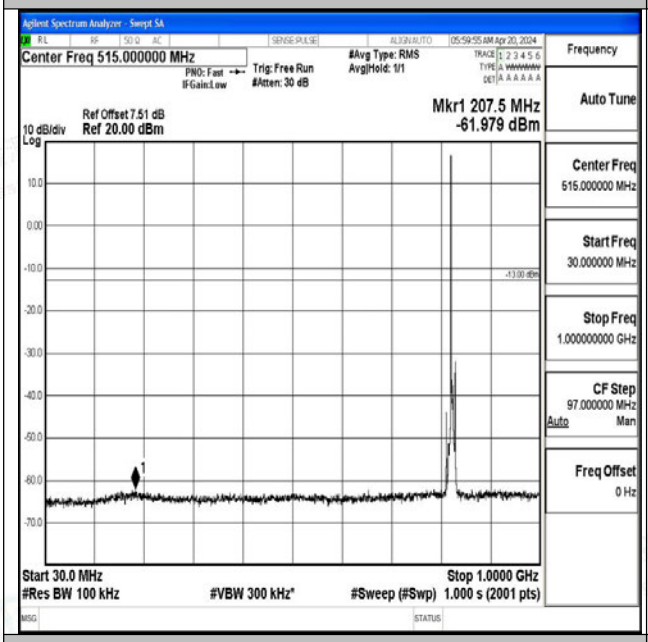
Band5_3MHz_16QAM_20635_1RB#0_3000~10000_3000~10000



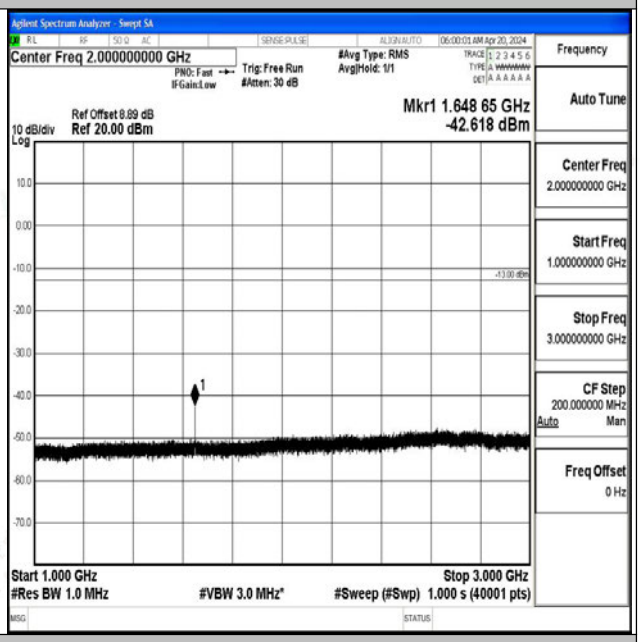
Band5_5MHz_QPSK_20425_1RB#0_0.009~0.15_0.009~0.15



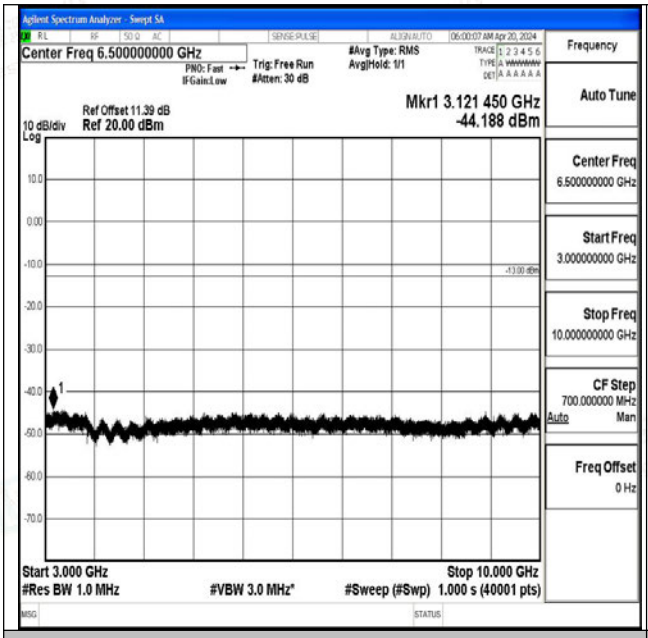
Band5_5MHz_QPSK_20425_1RB#0_0.15~30_0.15~30



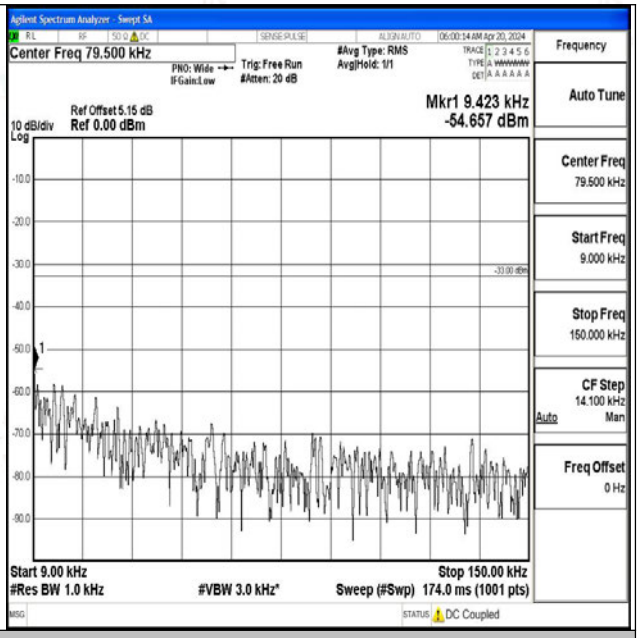
Band5_5MHz_QPSK_20425_1RB#0_30~1000_30~1000



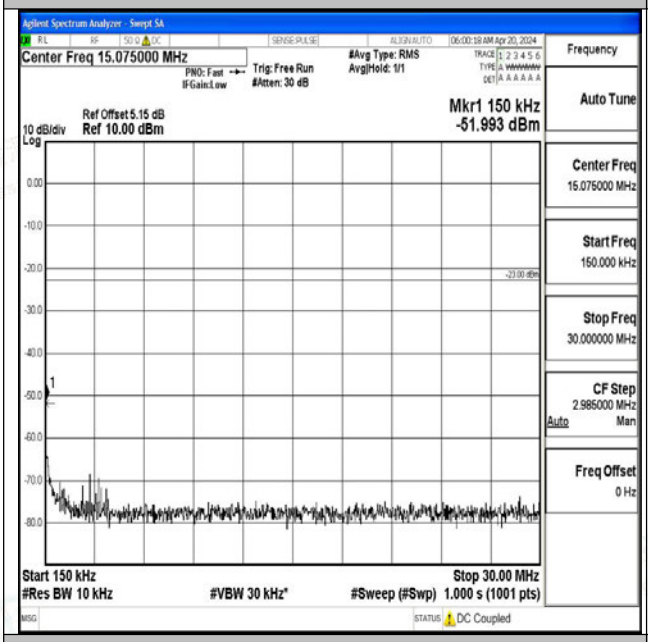
Band5_5MHz_QPSK_20425_1RB#0_1000~3000_1000~3000



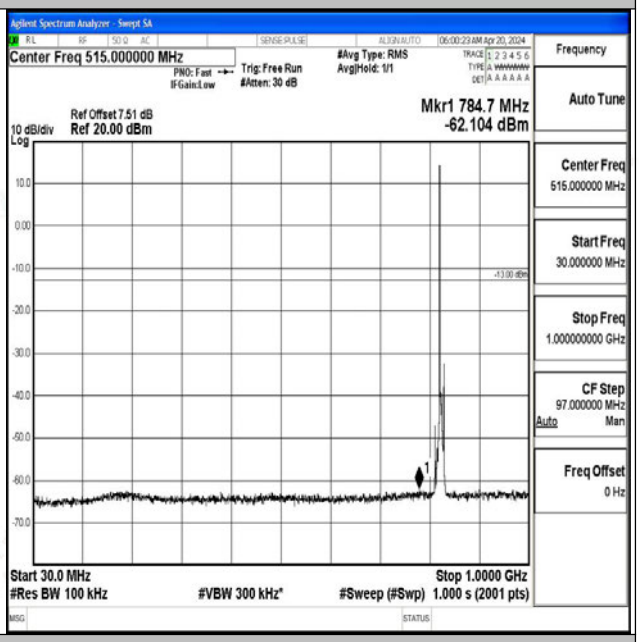
Band5_5MHz_QPSK_20425_1RB#0_3000~10000_3000~10000



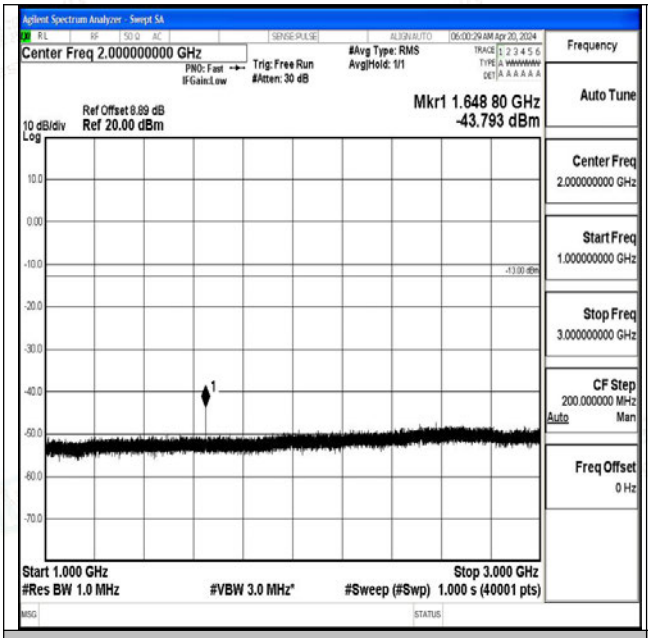
Band5_5MHz_16QAM_20425_1RB#0_0.009~0.15_0.009~0.15



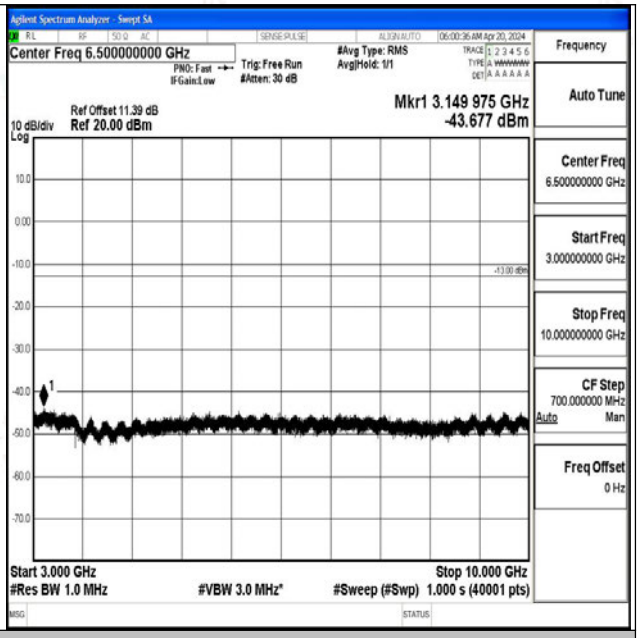
Band5_5MHz_16QAM_20425_1RB#0_0.15~30_0.15~30



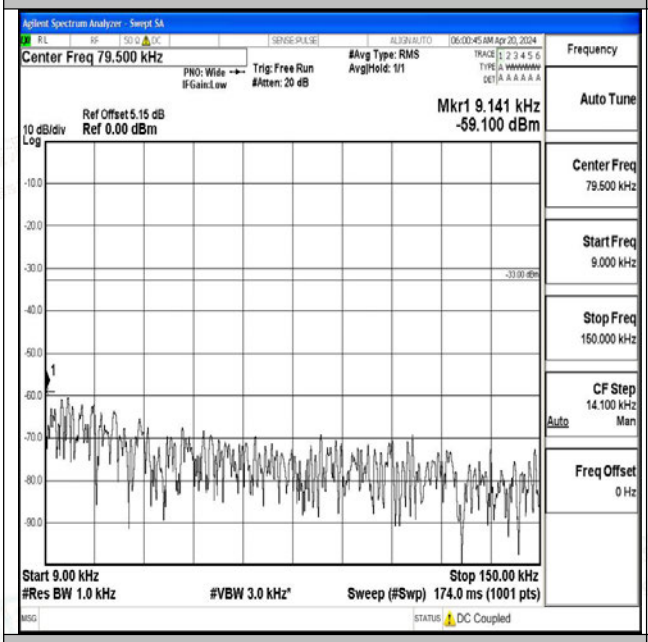
Band5_5MHz_16QAM_20425_1RB#0_30~1000_30~1000



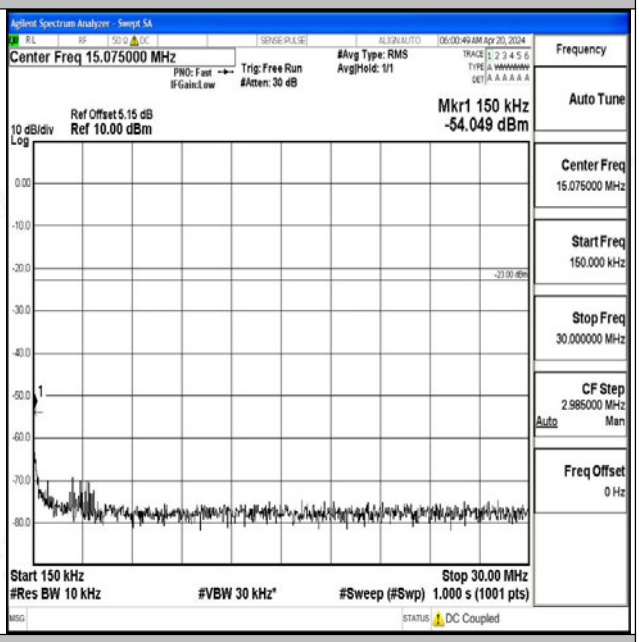
Band5_5MHz_16QAM_20425_1RB#0_1000~3000_1000~3000



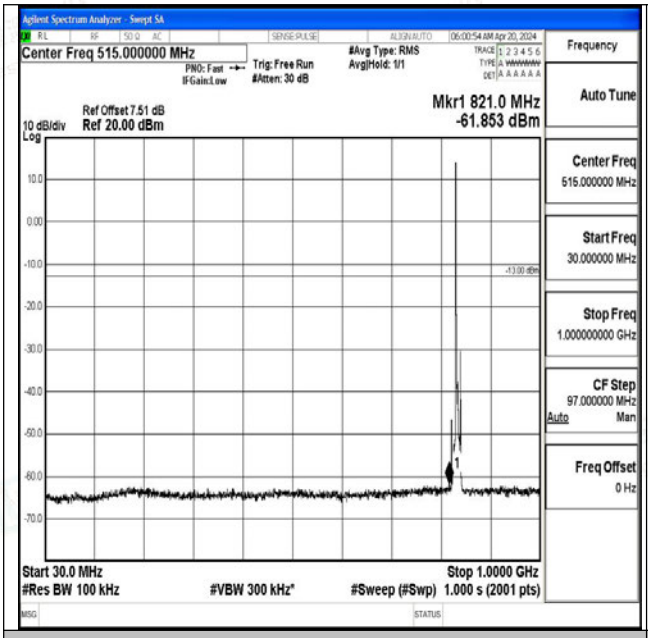
Band5_5MHz_16QAM_20425_1RB#0_3000~10000_3000~10000



Band5_5MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15



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



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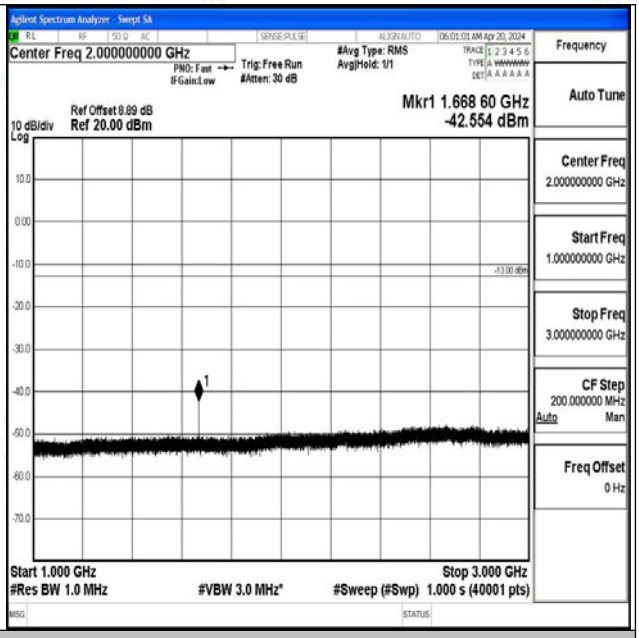

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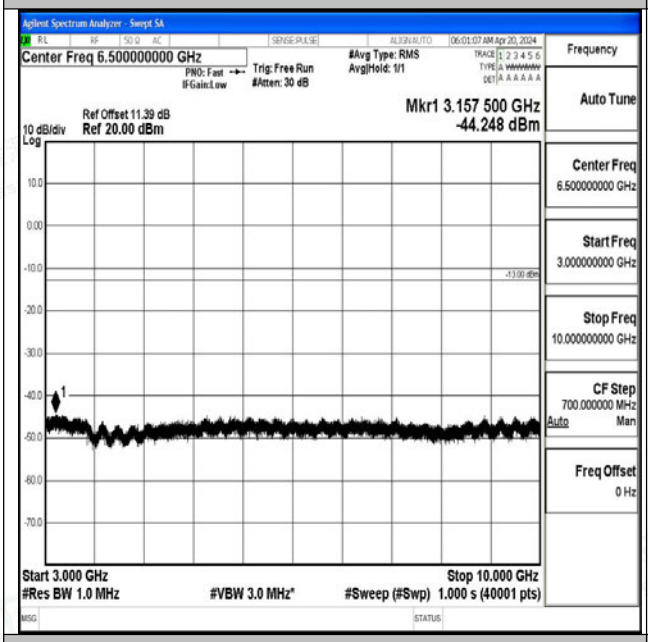

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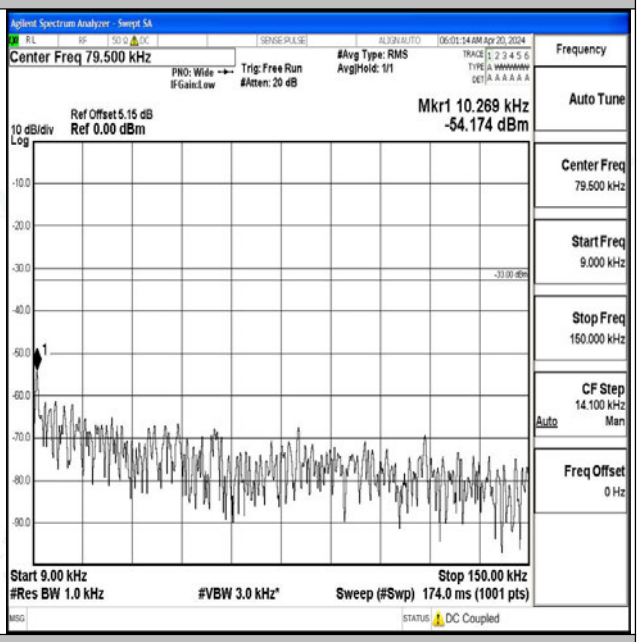
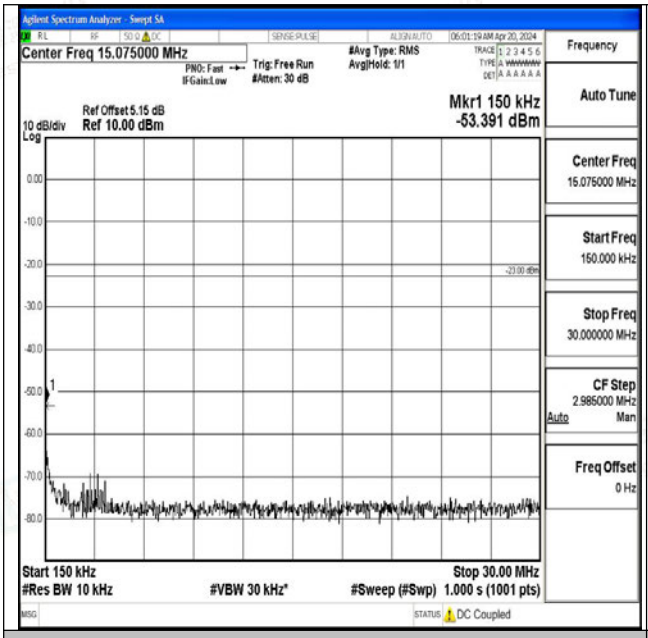


Band5_5MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15



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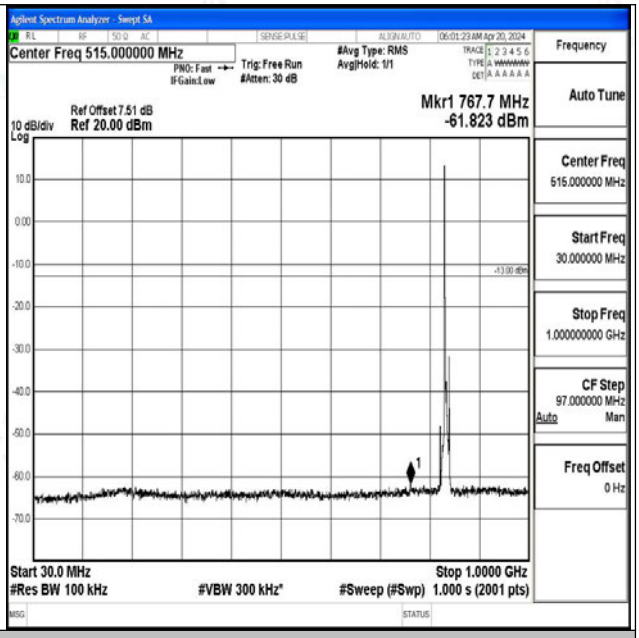

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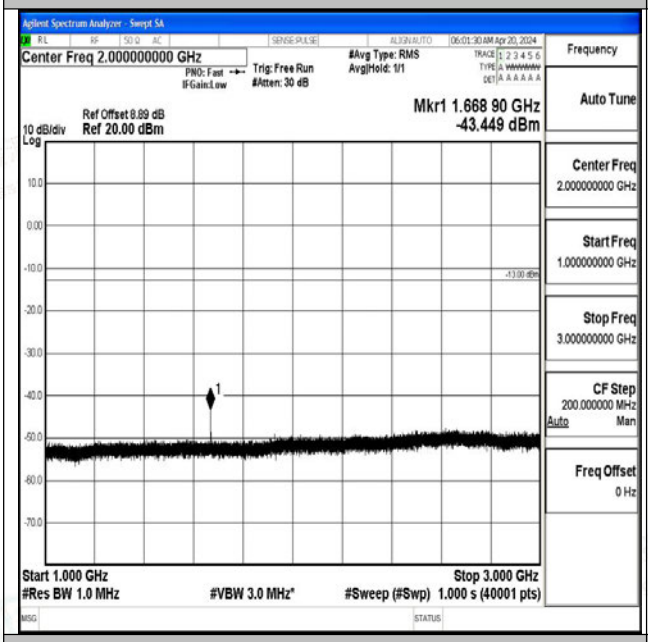
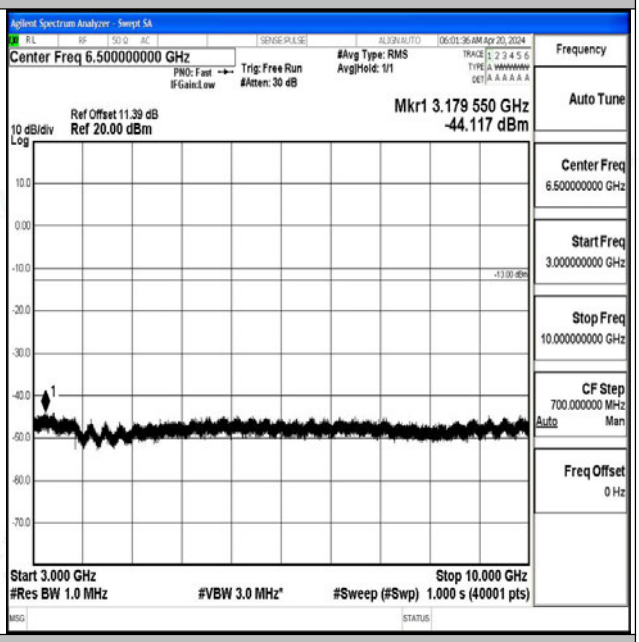
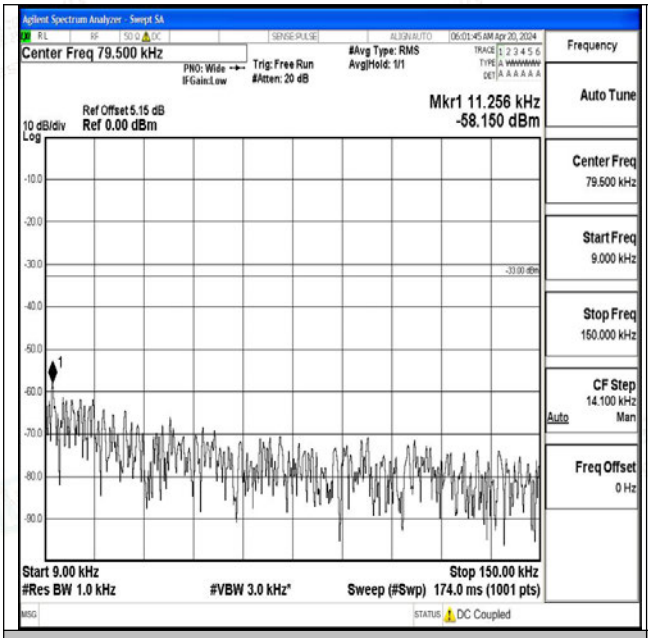


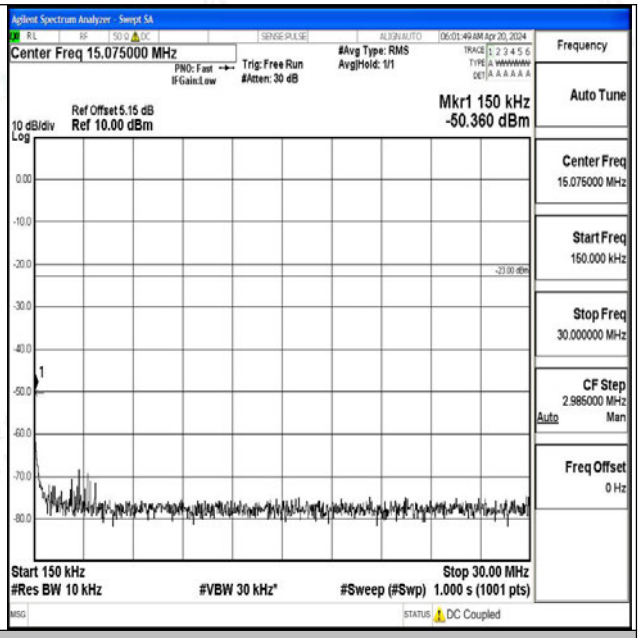
Band5_5MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



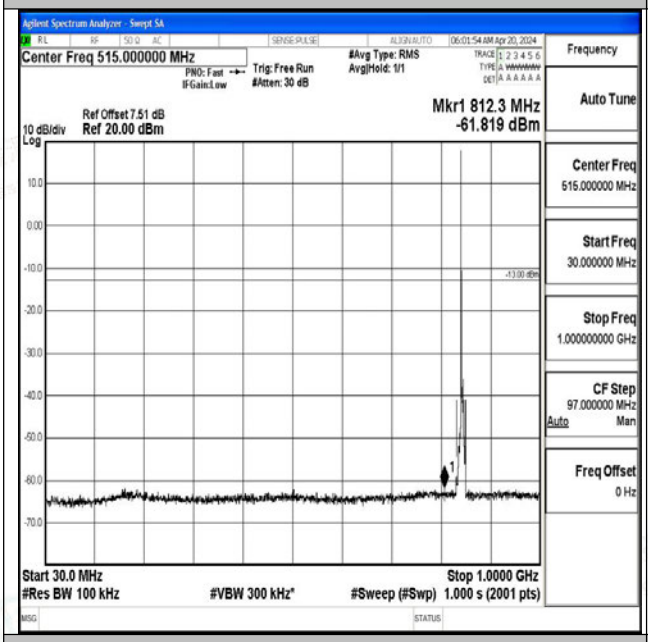
Band5_5MHz_16QAM_20525_1RB#0_3000~10000_3000~10000



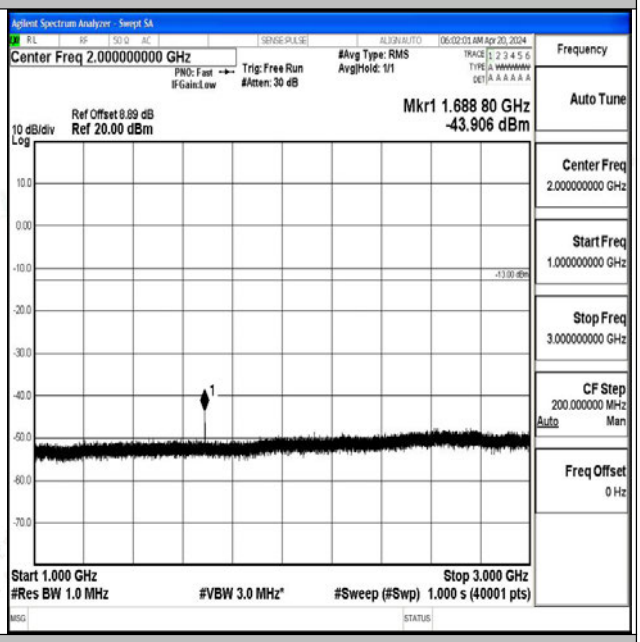
Band5_5MHz_QPSK_20625_1RB#0_0.009~0.15_0.009~0.15



Band5_5MHz_QPSK_20625_1RB#0_0.15~30_0.15~30



Band5_5MHz_QPSK_20625_1RB#0_30~1000_30~1000



Band5_5MHz_QPSK_20625_1RB#0_1000~3000_1000~3000