



D.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-55.30	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-52.45	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-46.05	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-45.68	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-44.33	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-56.65	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-51.60	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-44.71	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-45.43	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-44.06	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-56.91	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-52.97	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-46.51	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-44.23	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-44.30	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-58.05	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-52.81	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-48.59	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-44.72	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-44.28	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-55.49	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-52.33	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-47.39	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-44.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-44.30	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-57.63	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-52.23	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-47.87	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-44.30	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-44.42	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-57.00	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-51.49	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-49.82	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-45.28	PASS



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Scan code to check authenticity



Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-44.20	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-55.94	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-51.49	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-50.94	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-46.65	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-44.11	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-56.38	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-50.83	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-49.10	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-45.04	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-43.93	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-57.70	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-50.93	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-49.02	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-46.15	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-44.01	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-58.26	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-51.00	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-51.97	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-45.34	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-44.05	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-56.98	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-53.03	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-51.69	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-44.56	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-43.36	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-54.34	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-53.68	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-56.72	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-46.01	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-44.04	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-61.02	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-52.34	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-61.05	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-46.94	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-44.17	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-56.89	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-51.91	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-60.05	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-45.63	PASS



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Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-44.04	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-56.41	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-53.72	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-60.83	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-45.99	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-43.82	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-56.28	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-54.01	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-59.59	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-45.02	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-43.89	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-55.02	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-52.33	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-59.96	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-46.26	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-44.07	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-59.74	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-53.15	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-61.70	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-45.75	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-43.72	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-58.71	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-51.68	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-62.17	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-46.14	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-44.27	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-56.86	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-52.29	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-62.28	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-45.60	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-43.96	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-56.19	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-53.34	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-62.19	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-45.99	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-44.35	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-56.69	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-52.15	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-61.91	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-46.66	PASS



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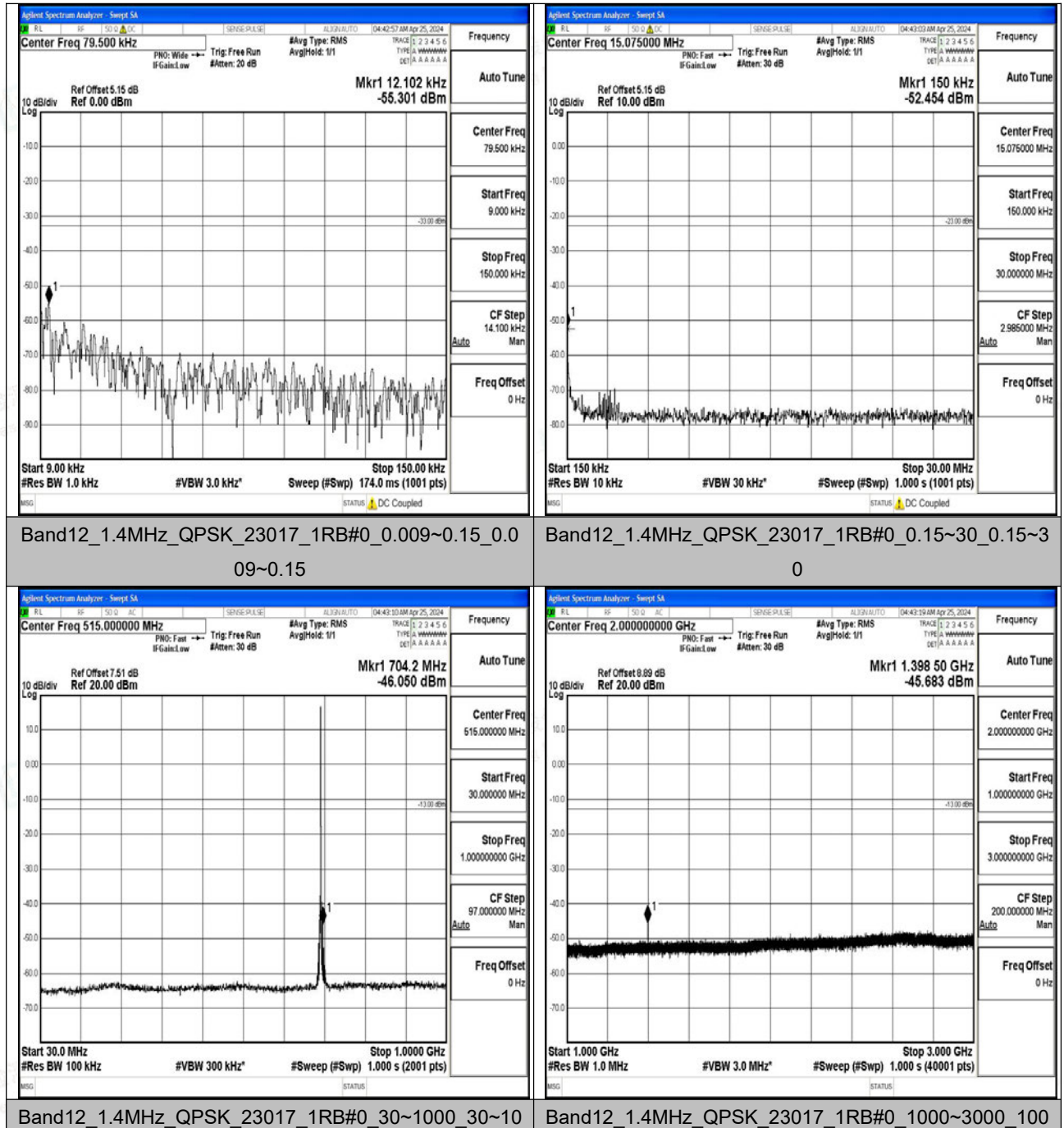
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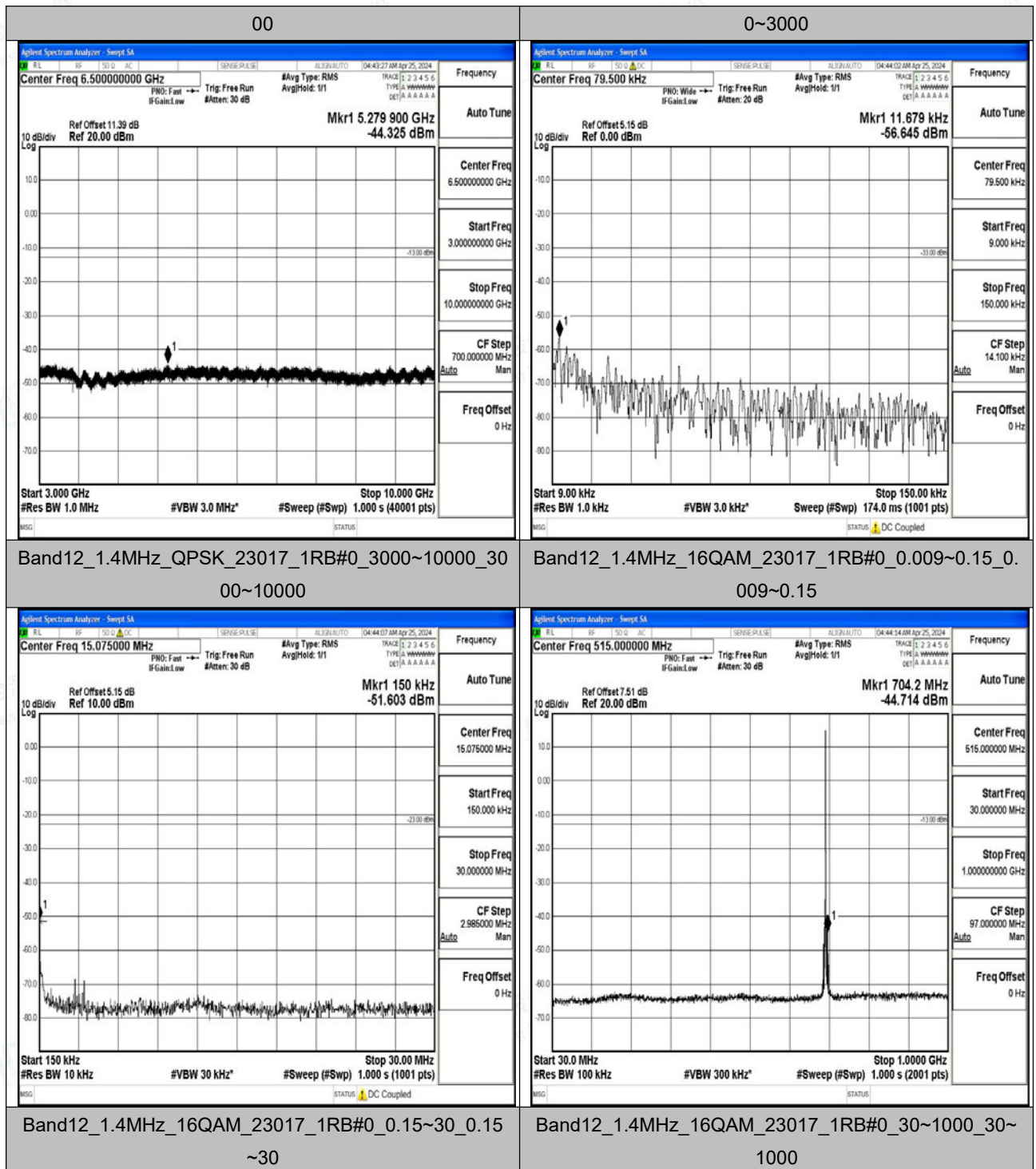
Scan code to check authenticity

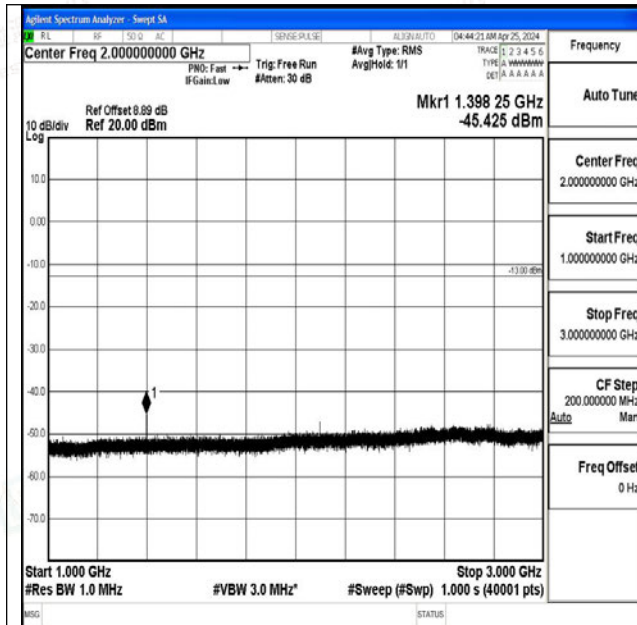


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Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-59.79	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-51.16	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-61.45	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-46.58	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-43.81	PASS

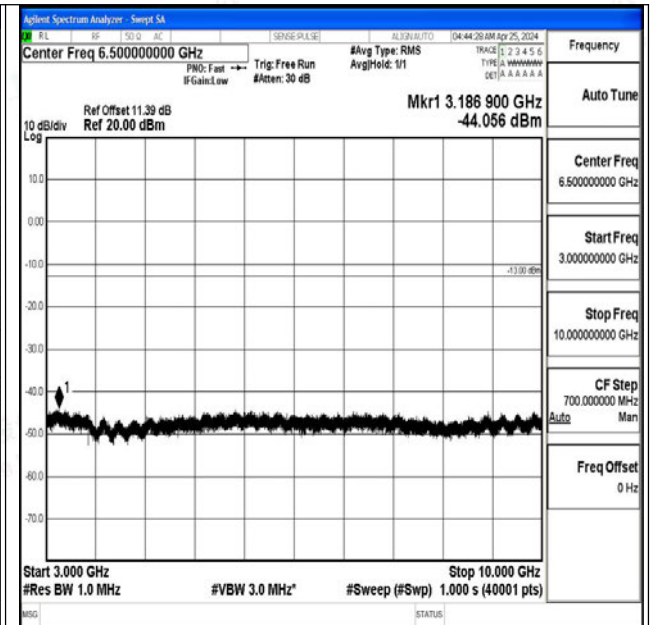
Test Graphs



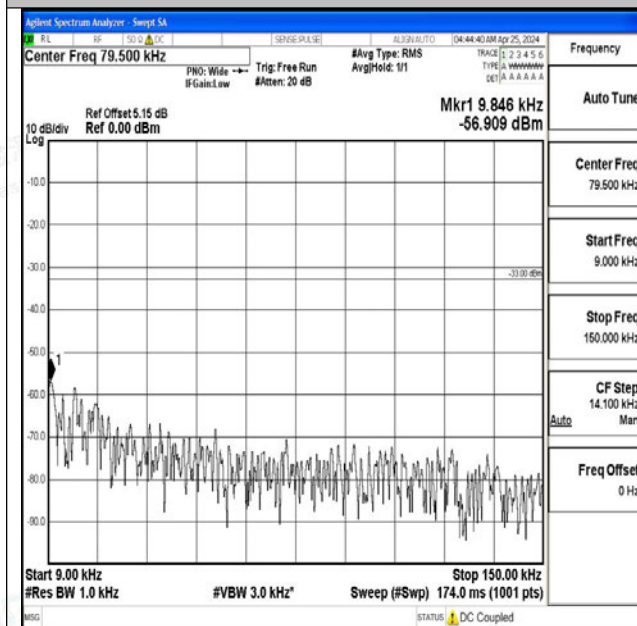




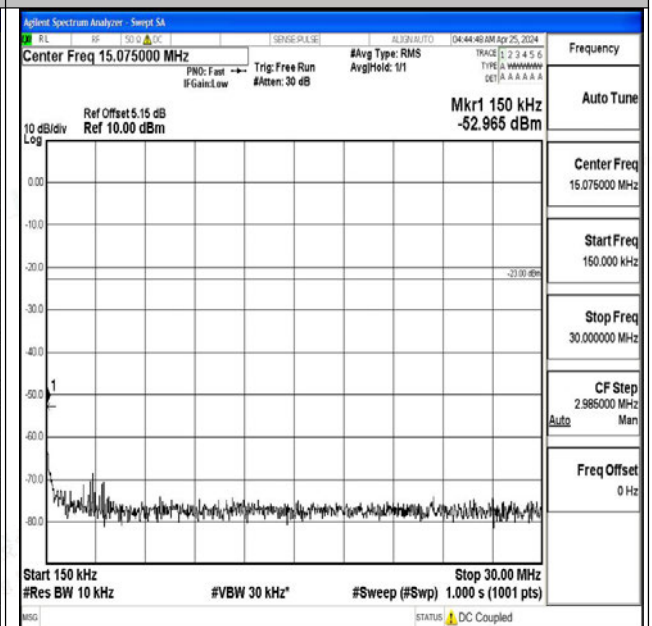
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3000~10000

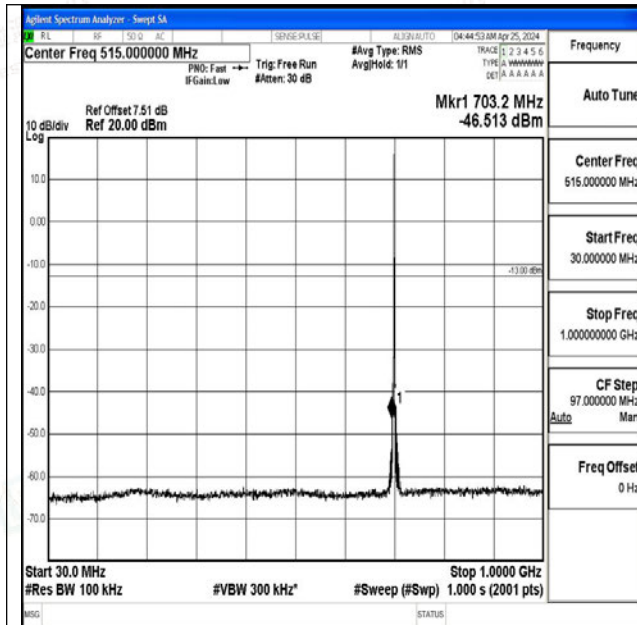


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09~0.15

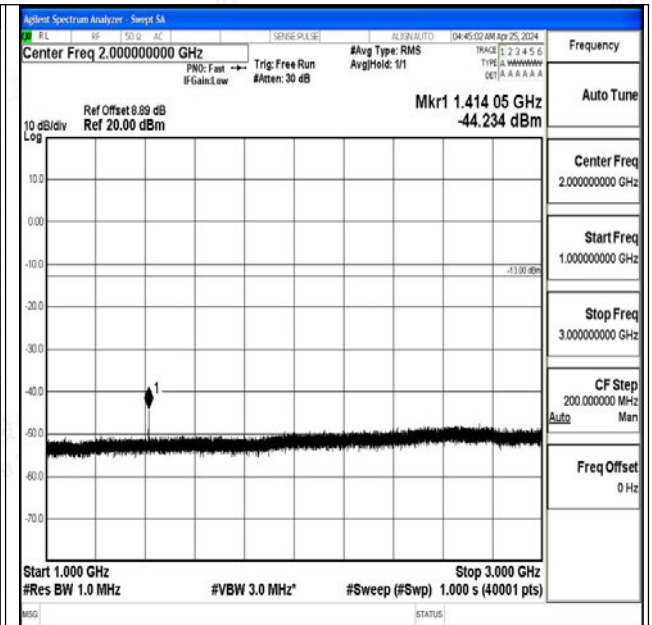


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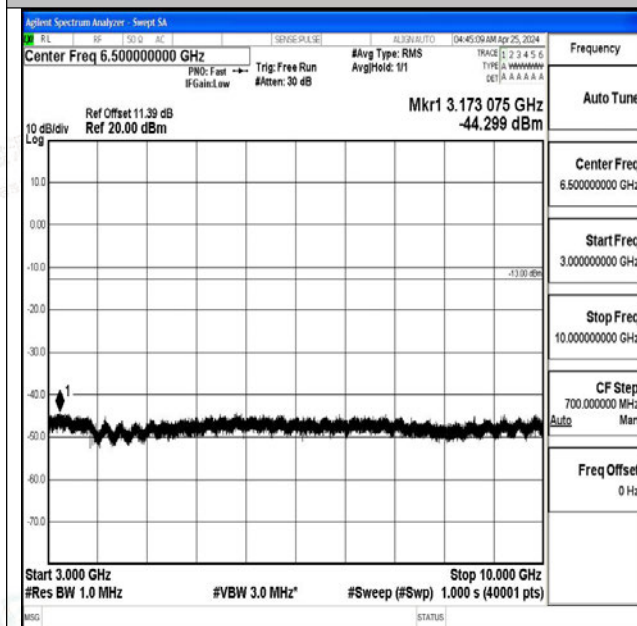




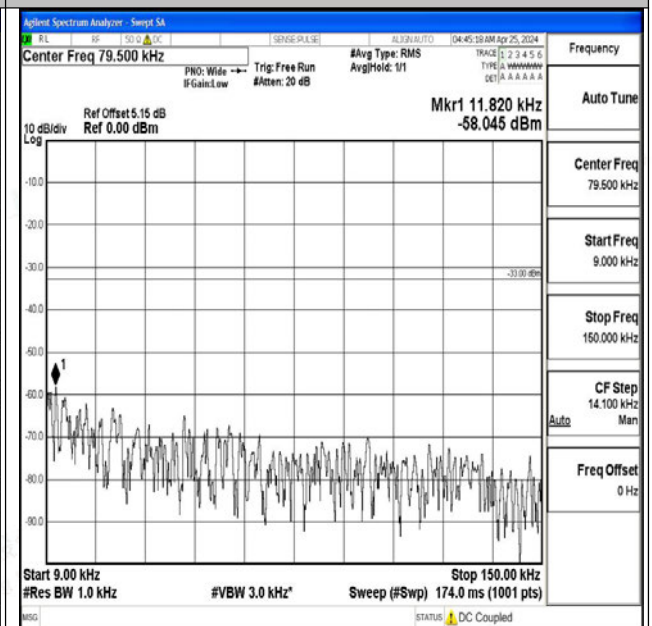
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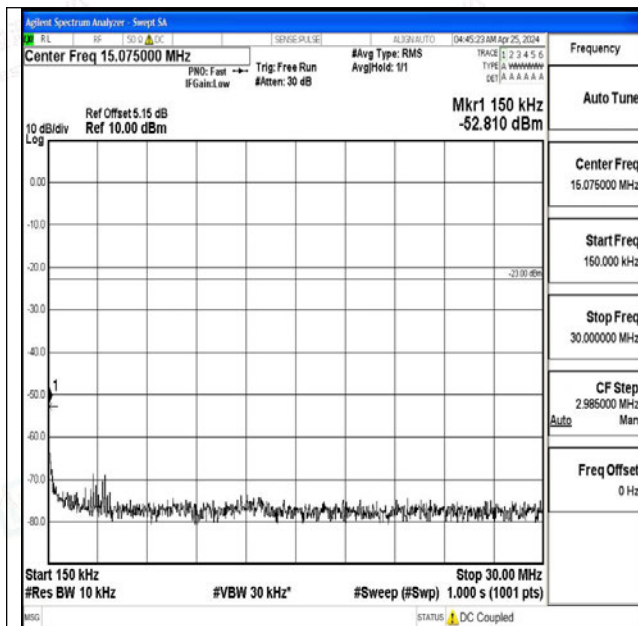


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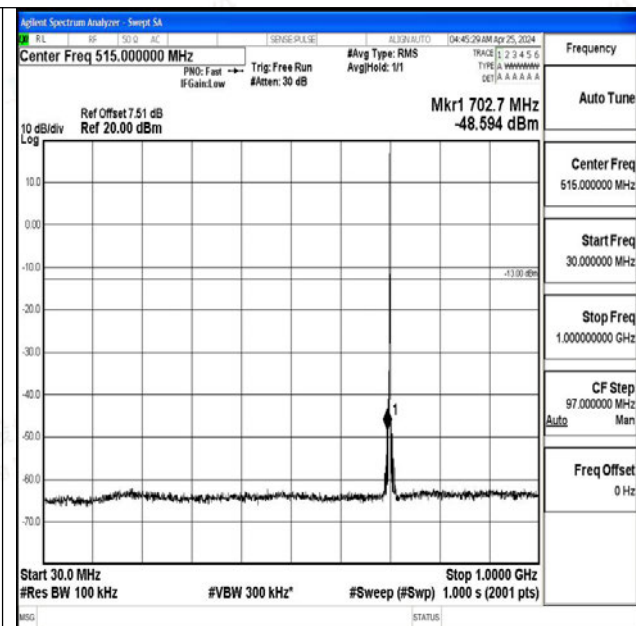


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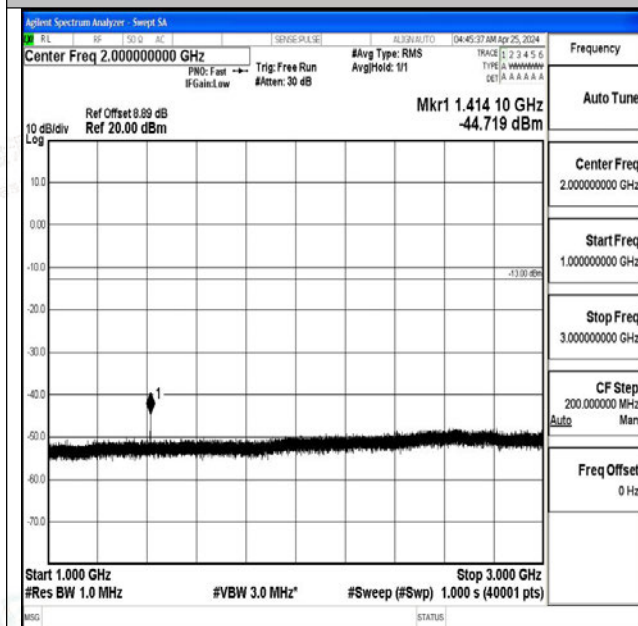




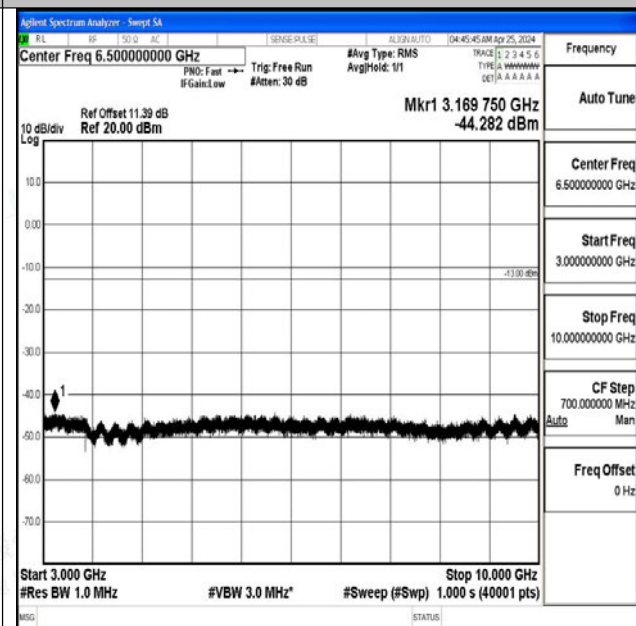
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~30



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1000

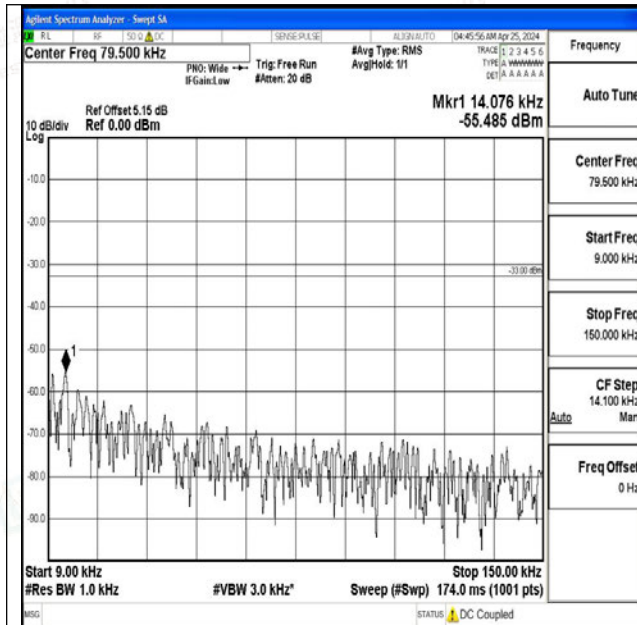


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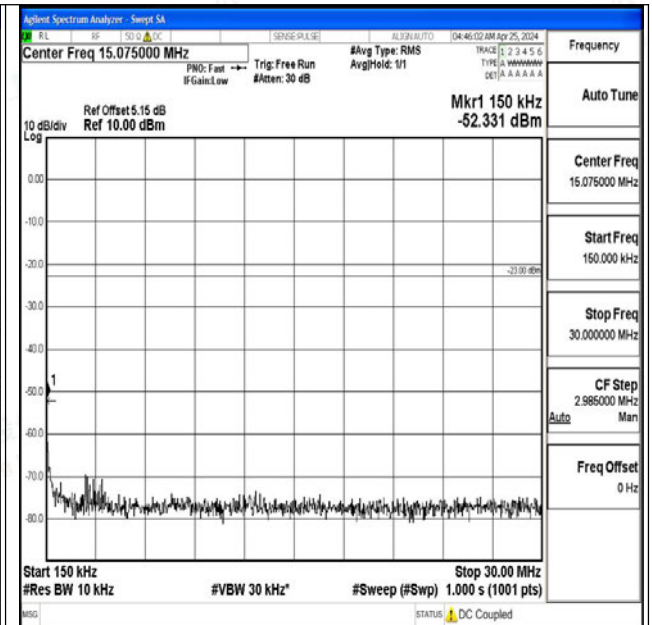


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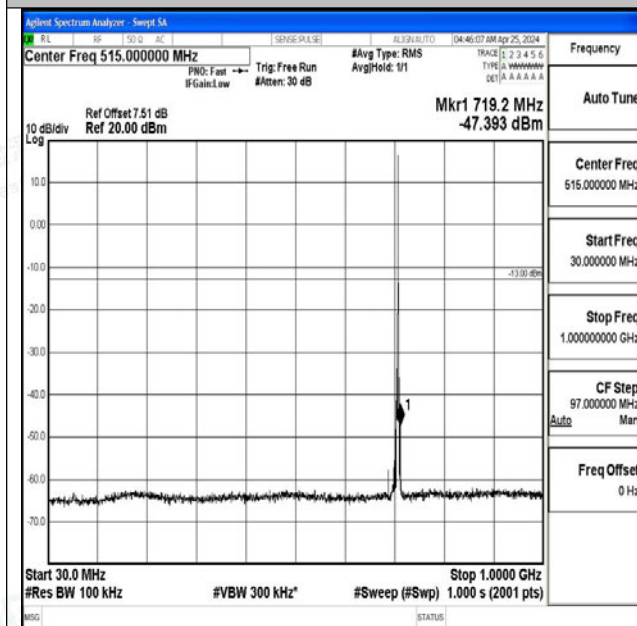




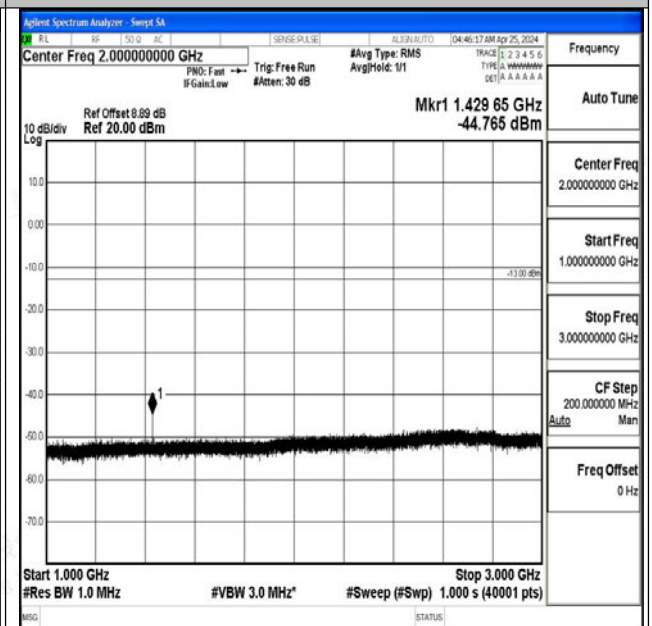
Band12_1.4MHz_QPSK_23173_1RB#0_0.009~0.15_0.0
09~0.15



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0

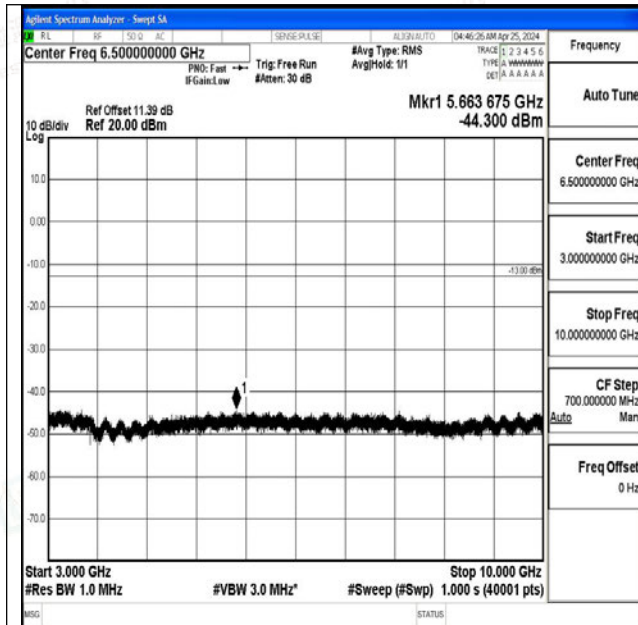


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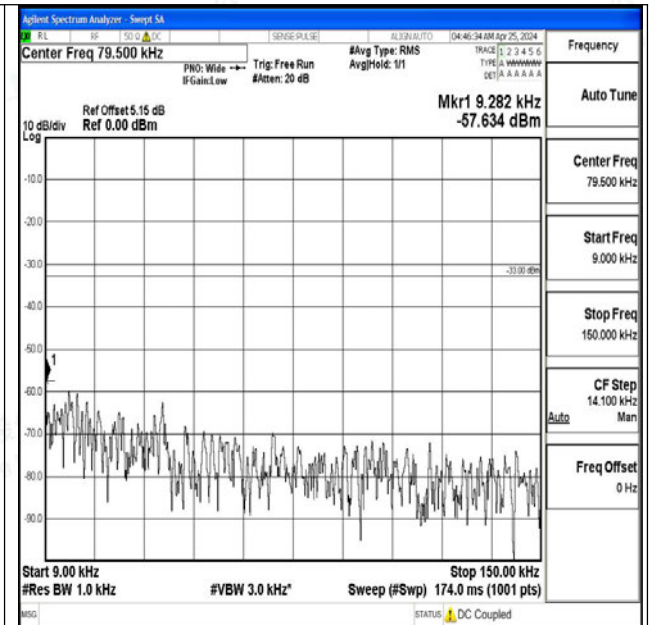


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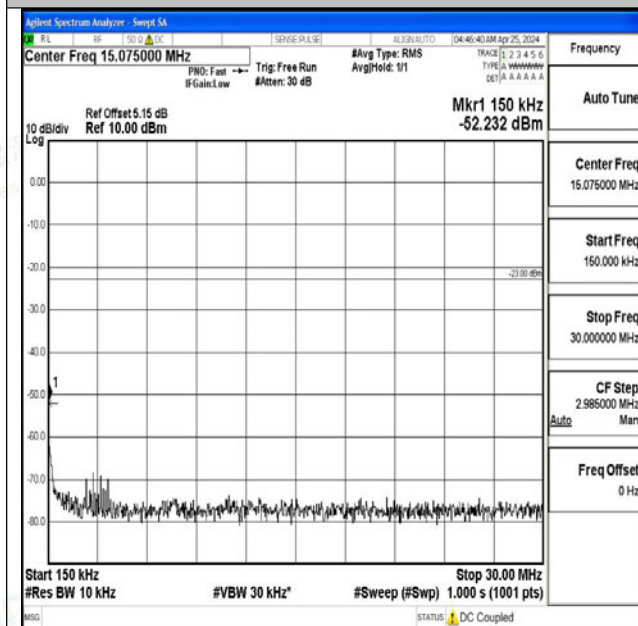




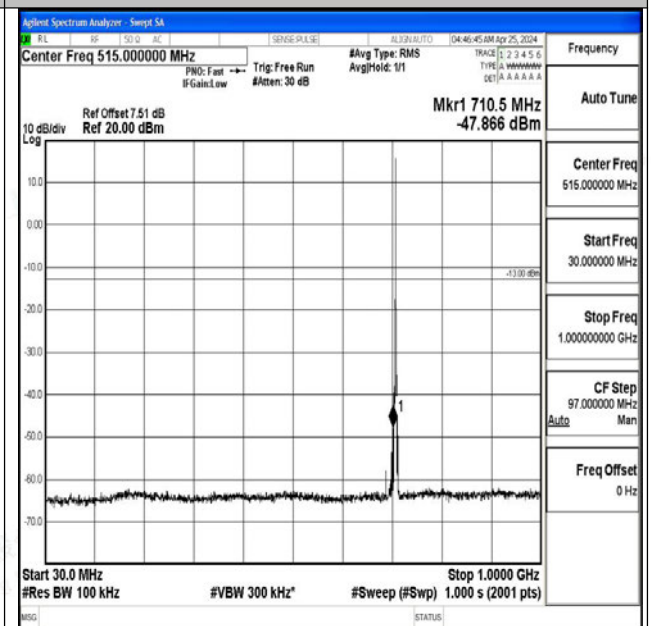
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00~10000



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009~0.15

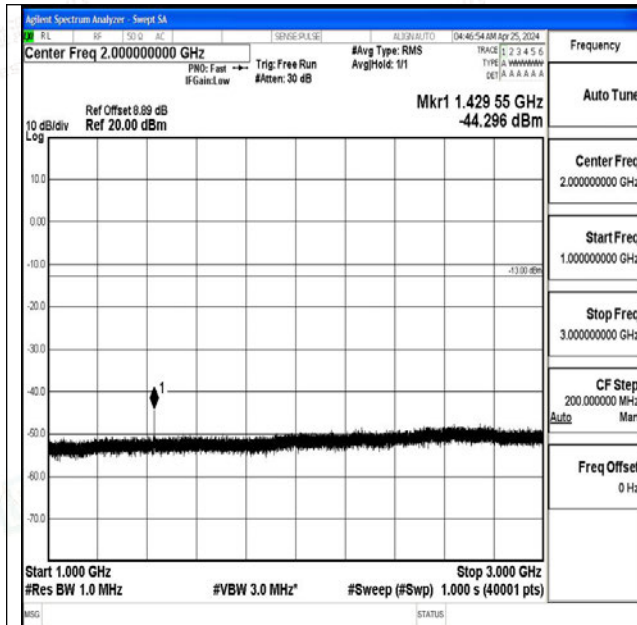


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~30

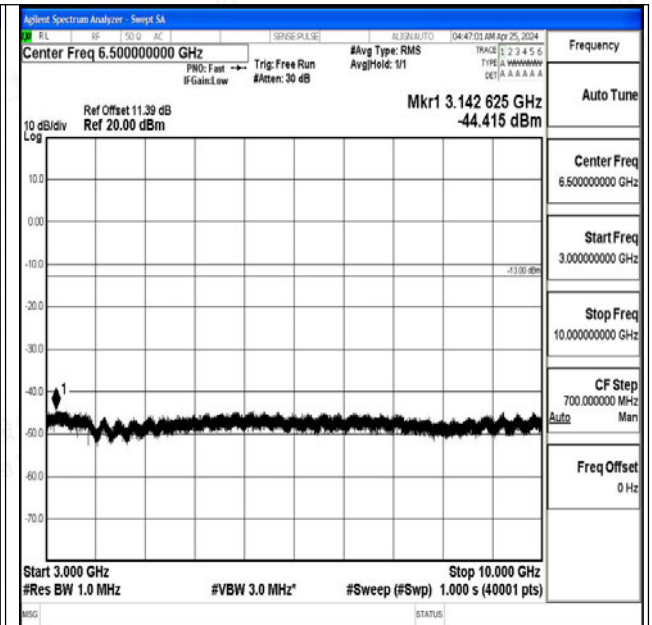


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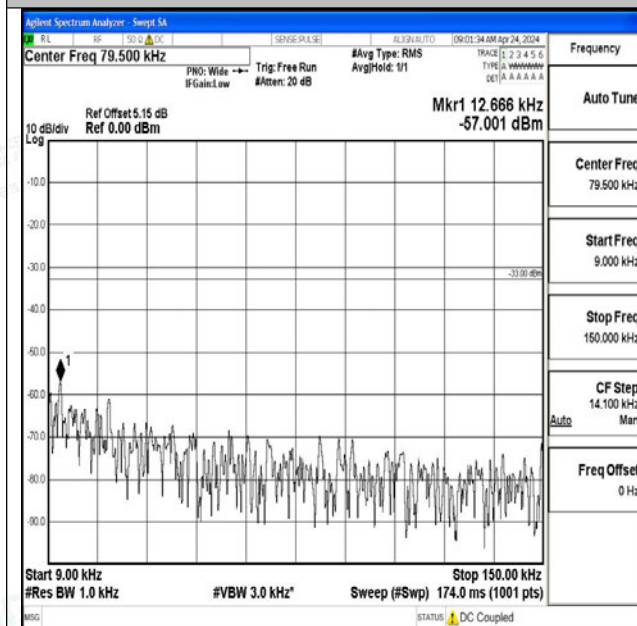




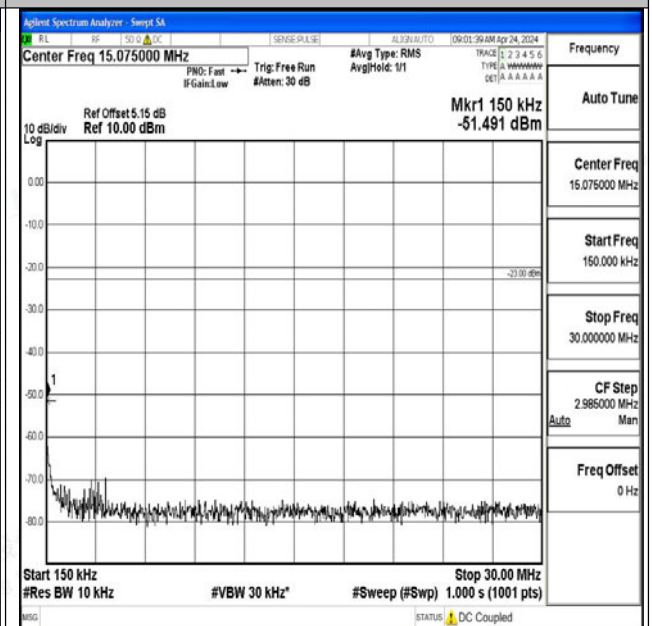
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000~3000



Band12_1.4MHz_16QAM_23173_1RB#0_3000~10000_
3000~10000

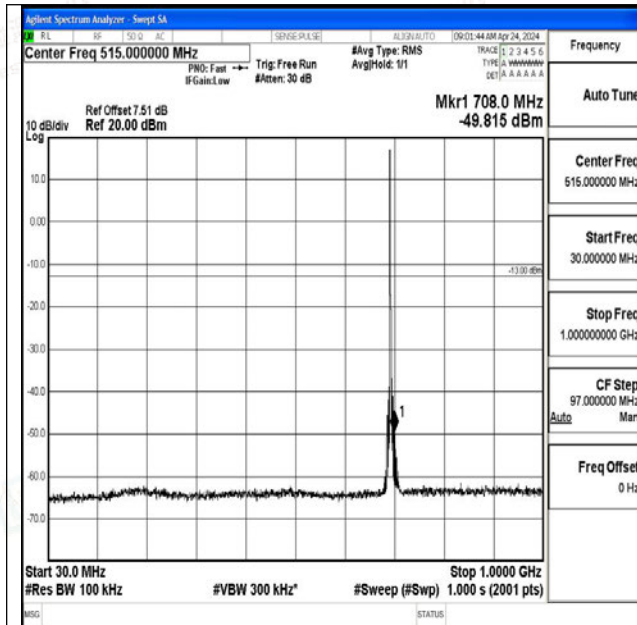


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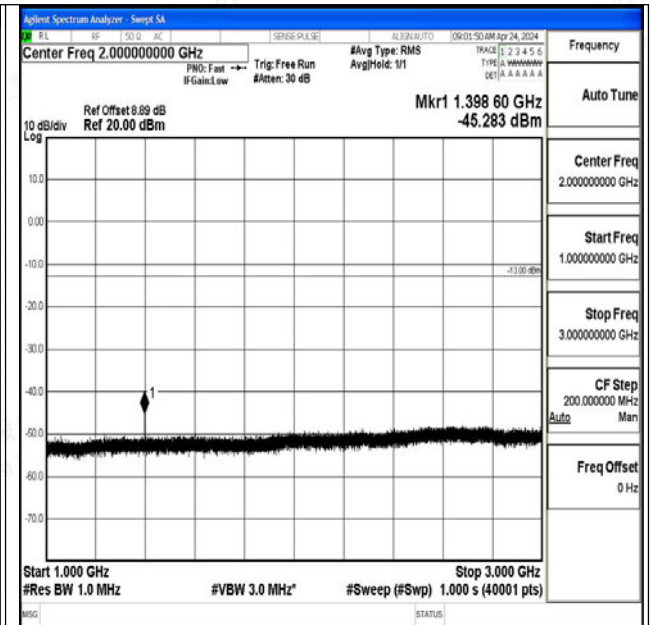


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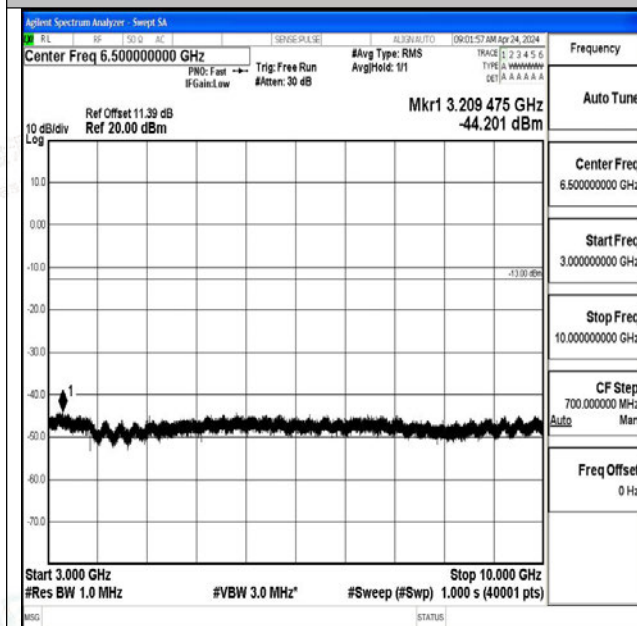




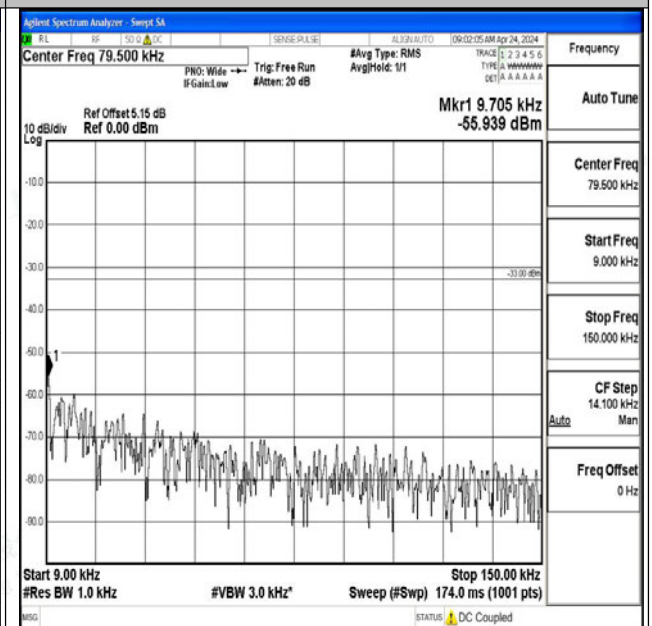
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~3000

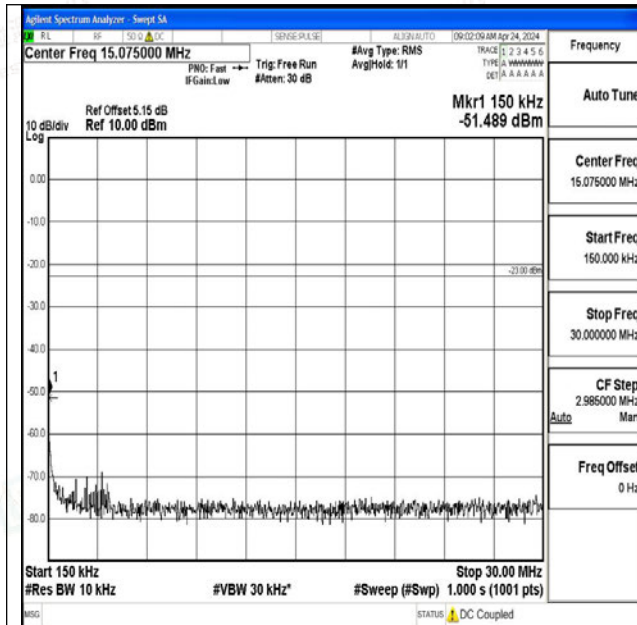


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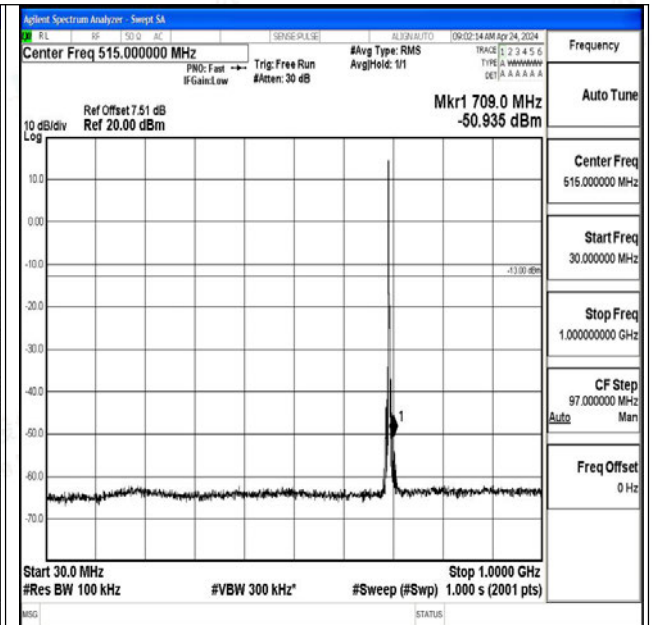
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09~0.15





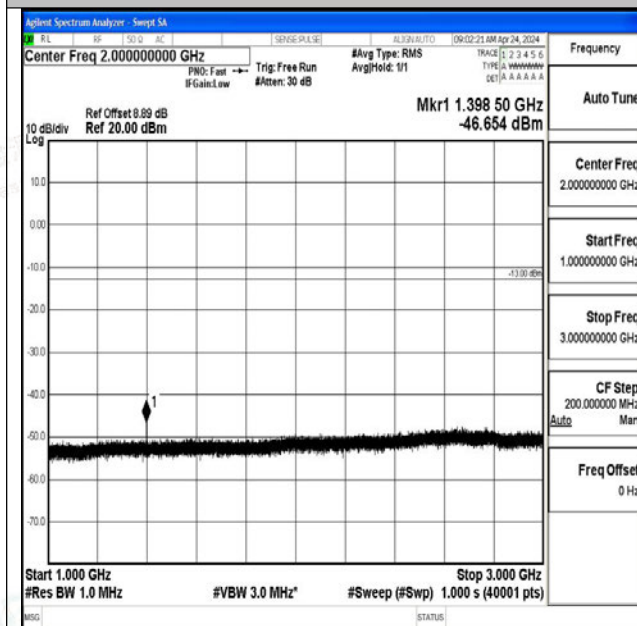
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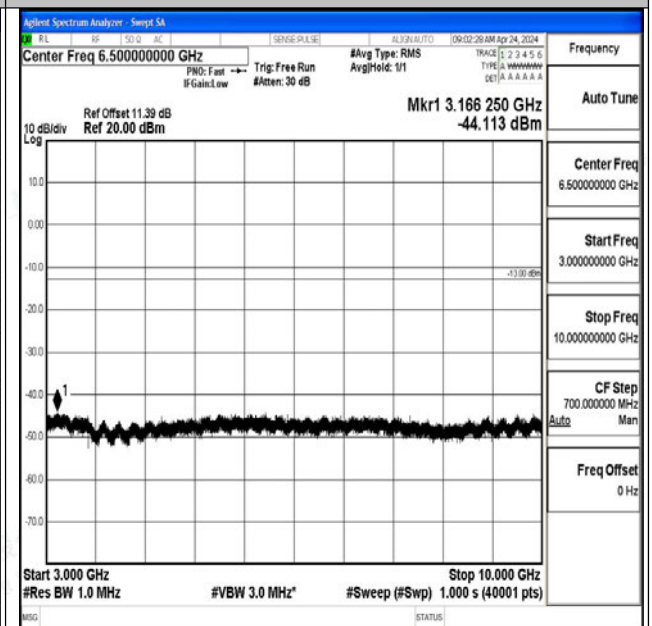
Band12_3MHz_16QAM_23025_1RB#0_30~1000_30~10

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Band12_3MHz_16QAM_23025_1RB#0_1000~3000_100

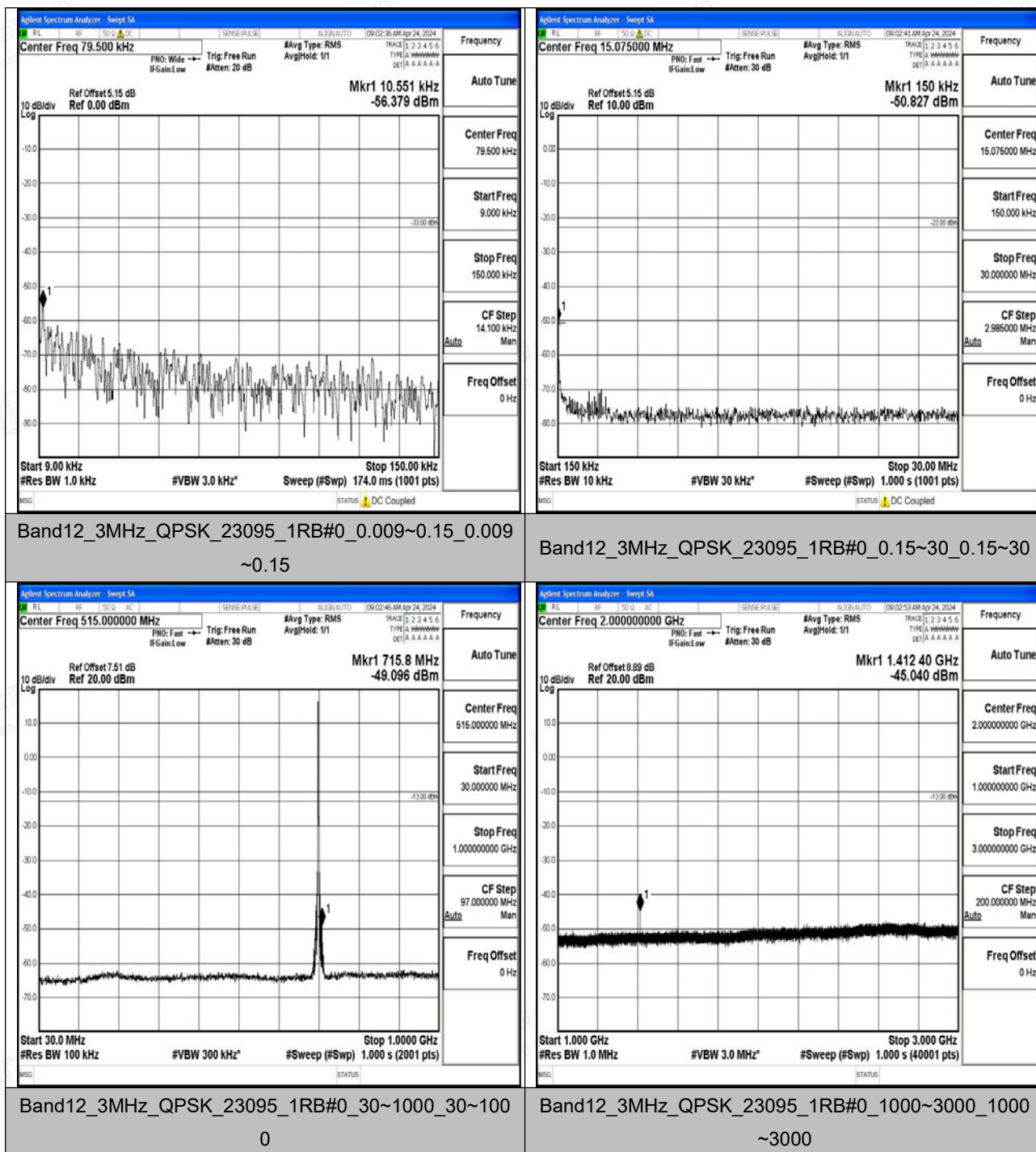
0~3000

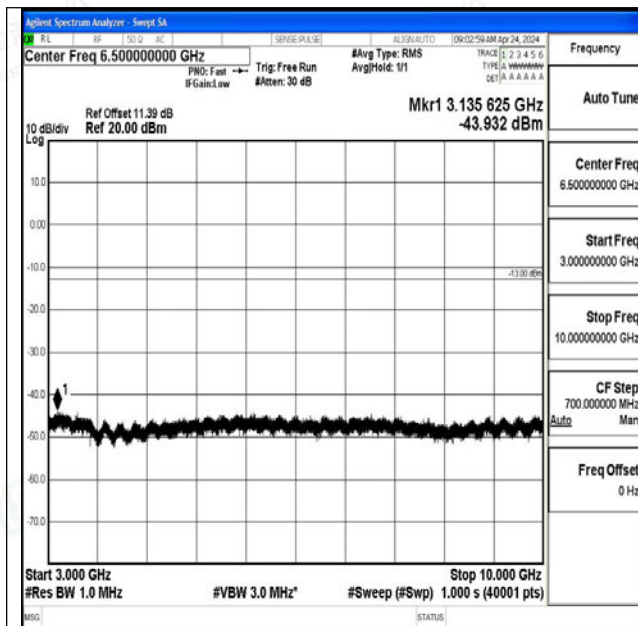


Band12_3MHz_16QAM_23025_1RB#0_3000~10000_30

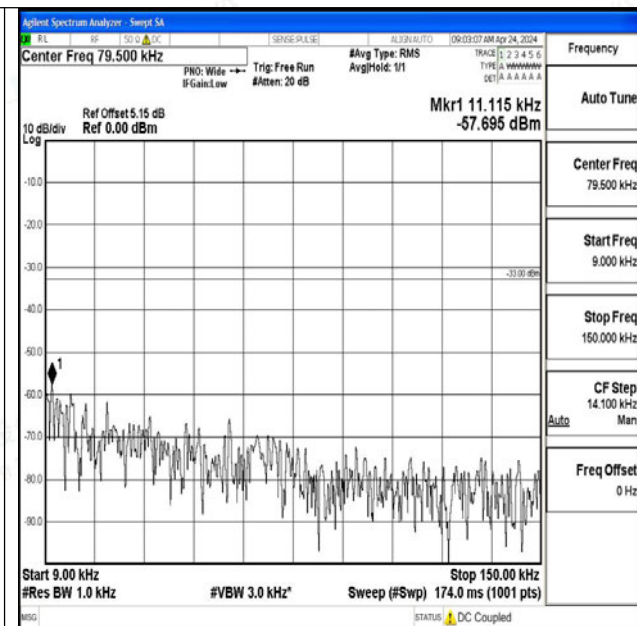
00~10000



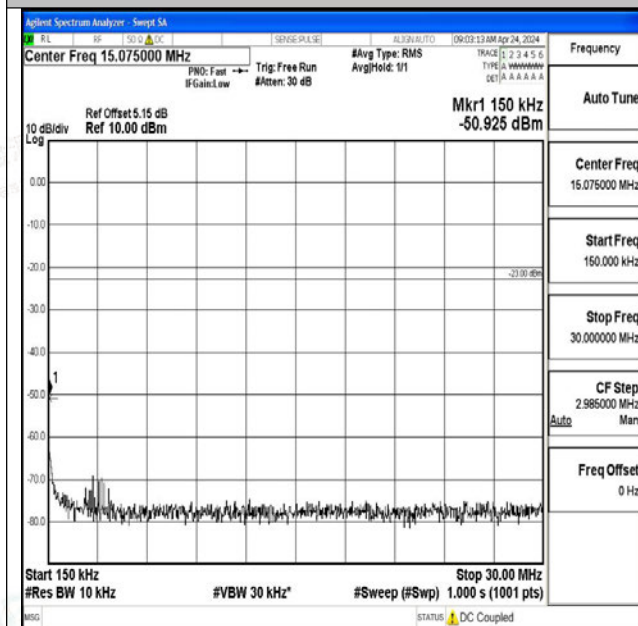




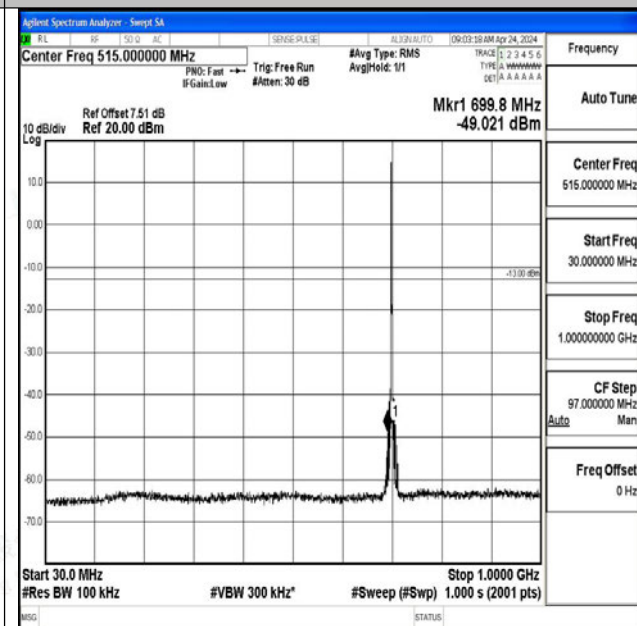
Band12_3MHz_QPSK_23095_1RB#0_3000~10000_300
0~10000



Band12_3MHz_16QAM_23095_1RB#0_0.009~0.15_0.0
09~0.15

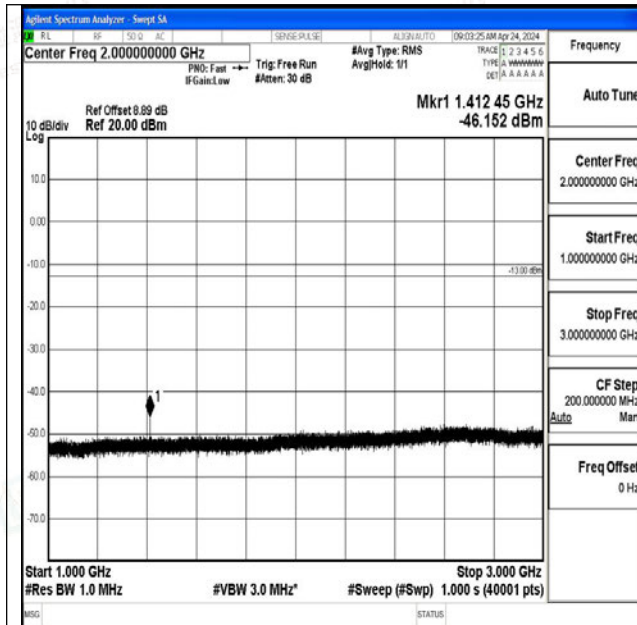


Band12_3MHz_16QAM_23095_1RB#0_0.15~30_0.15~3
0

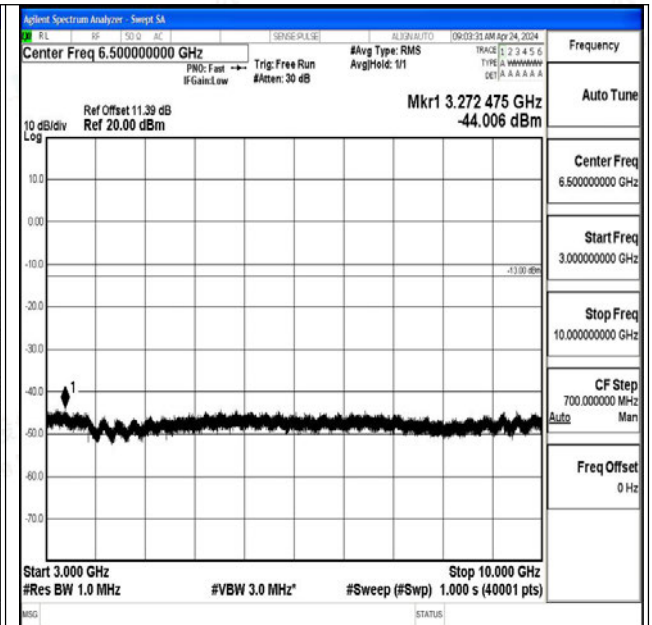


Band12_3MHz_16QAM_23095_1RB#0_30~1000_30~10
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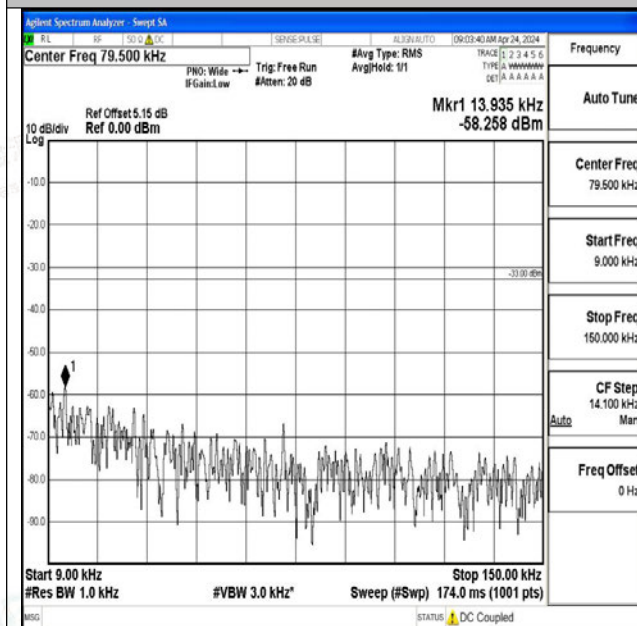




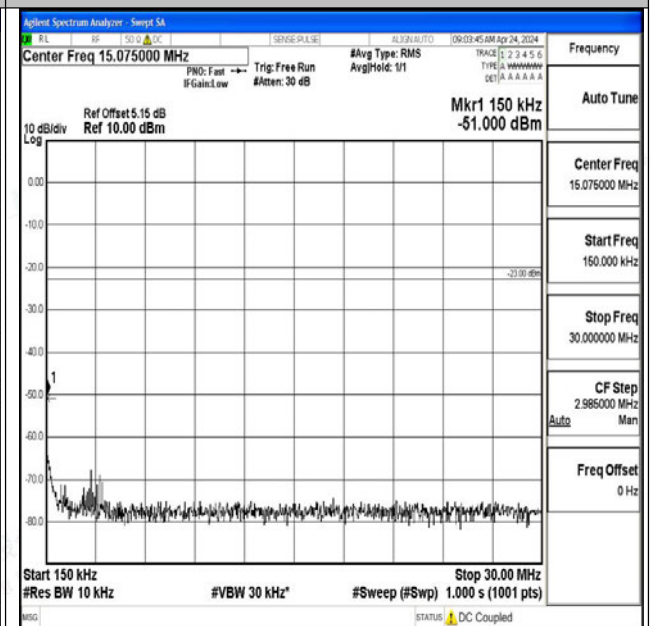
Band12_3MHz_16QAM_23095_1RB#0_1000~3000_100
0~3000



Band12_3MHz_16QAM_23095_1RB#0_3000~10000_30
00~10000

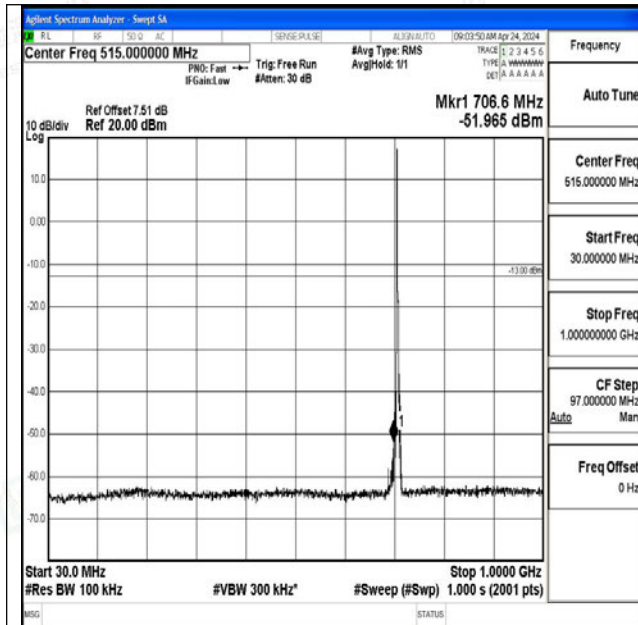


Band12_3MHz_QPSK_23165_1RB#0_0.009~0.15_0.009
~0.15

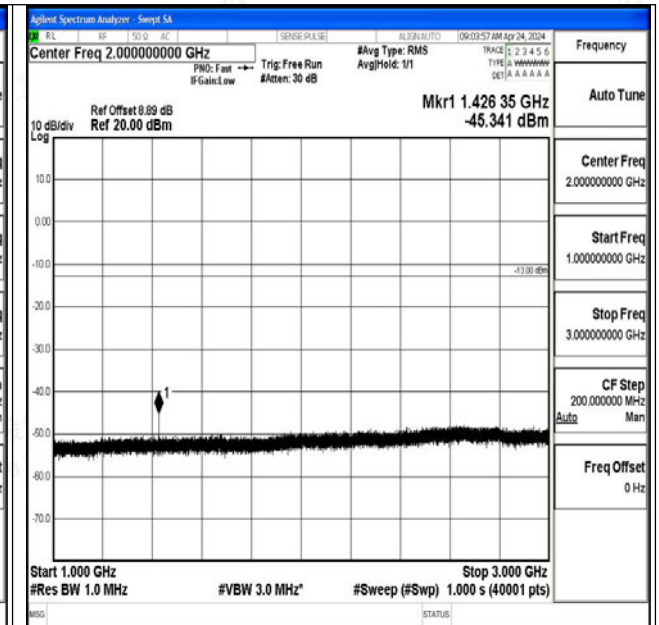


Band12_3MHz_QPSK_23165_1RB#0_0.15~30_0.15~30

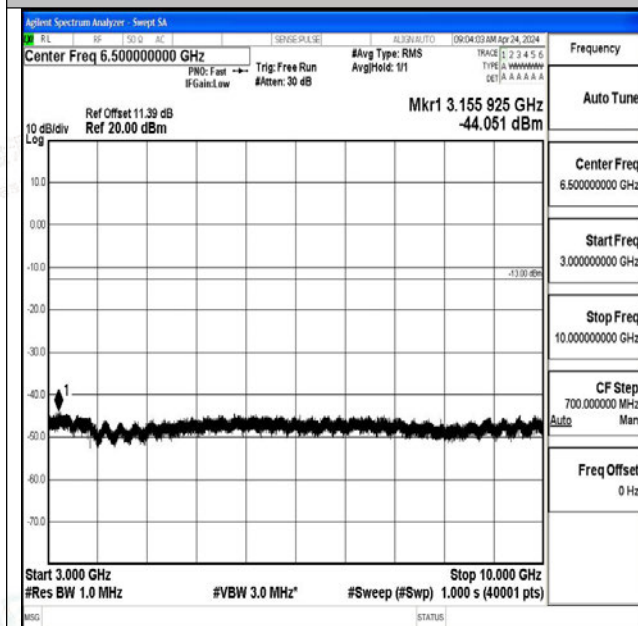




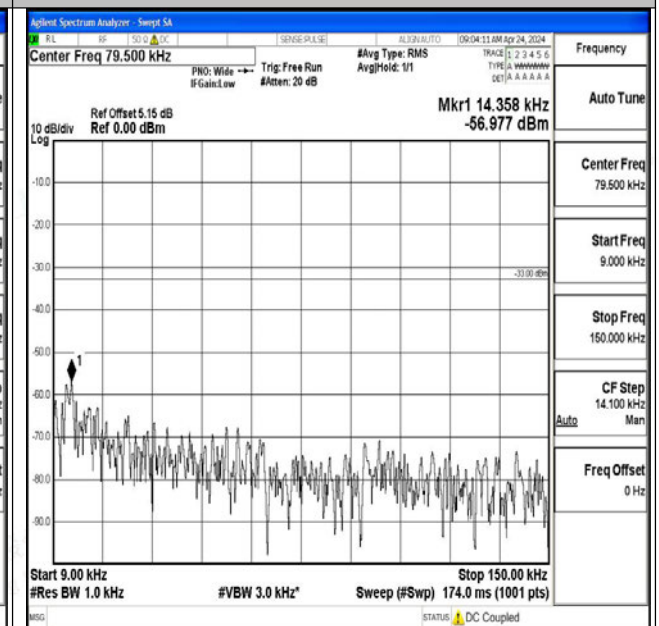
Band12_3MHz_QPSK_23165_1RB#0_30~1000_30~1000
0



Band12_3MHz_QPSK_23165_1RB#0_1000~3000_1000
~3000

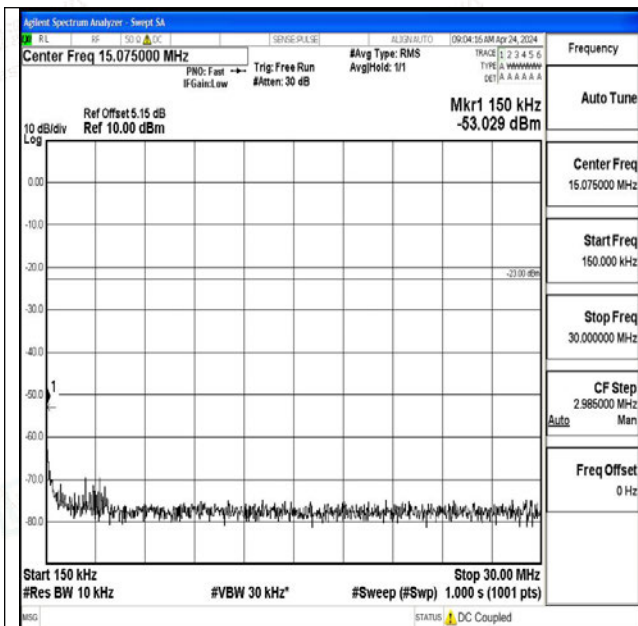


Band12_3MHz_QPSK_23165_1RB#0_3000~10000_300
0~10000



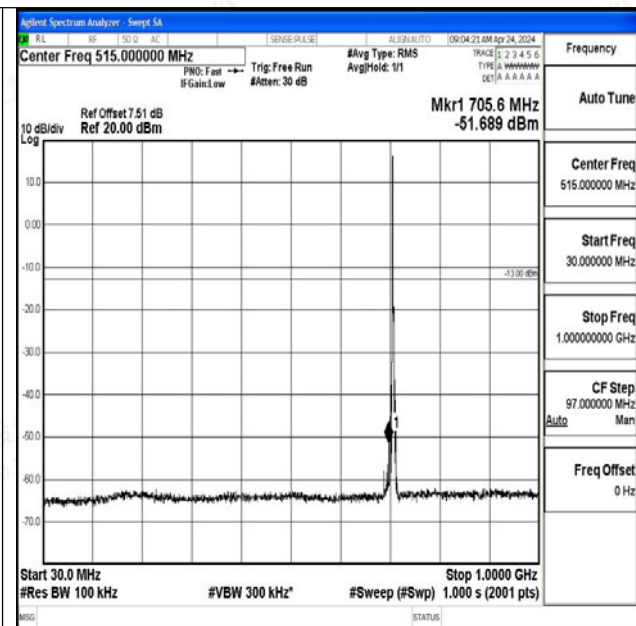
Band12_3MHz_16QAM_23165_1RB#0_0.009~0.15_0.0
09~0.15





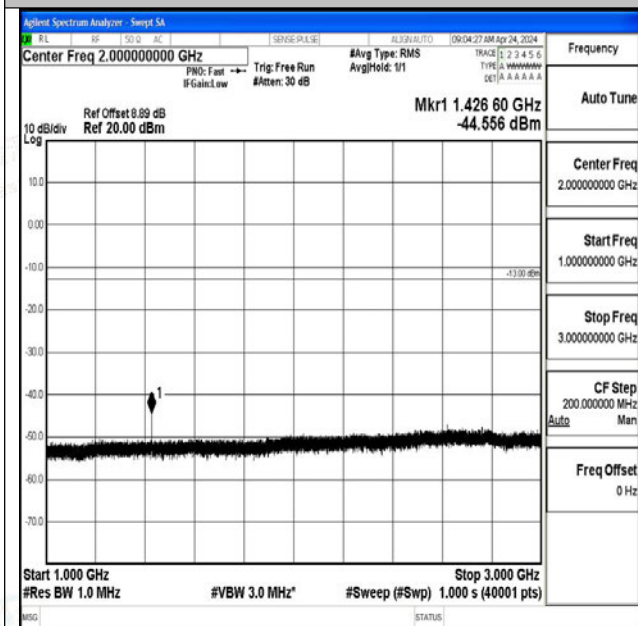
Band12_3MHz_16QAM_23165_1RB#0_0.15~30_0.15~3

0



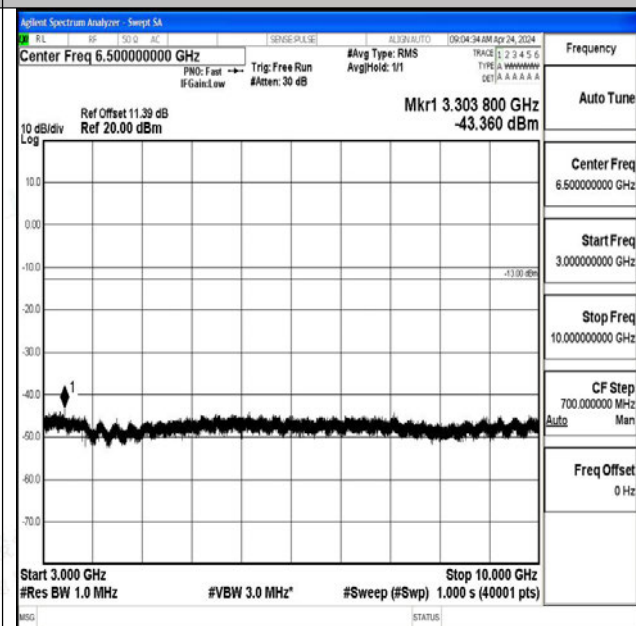
Band12_3MHz_16QAM_23165_1RB#0_30~1000_30~10

00



Band12_3MHz_16QAM_23165_1RB#0_1000~3000_100

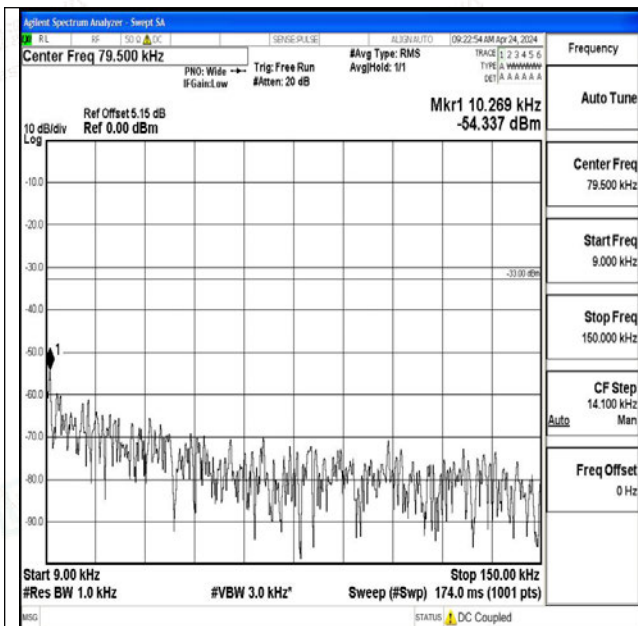
0~3000



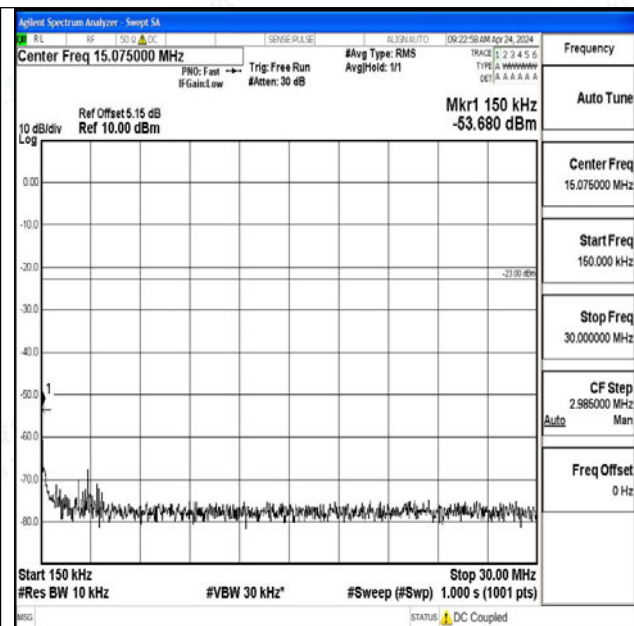
Band12_3MHz_16QAM_23165_1RB#0_3000~10000_30

00~10000

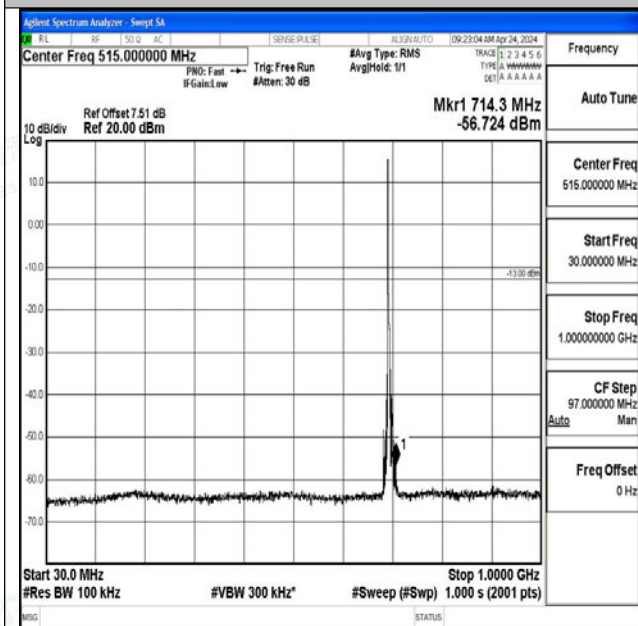




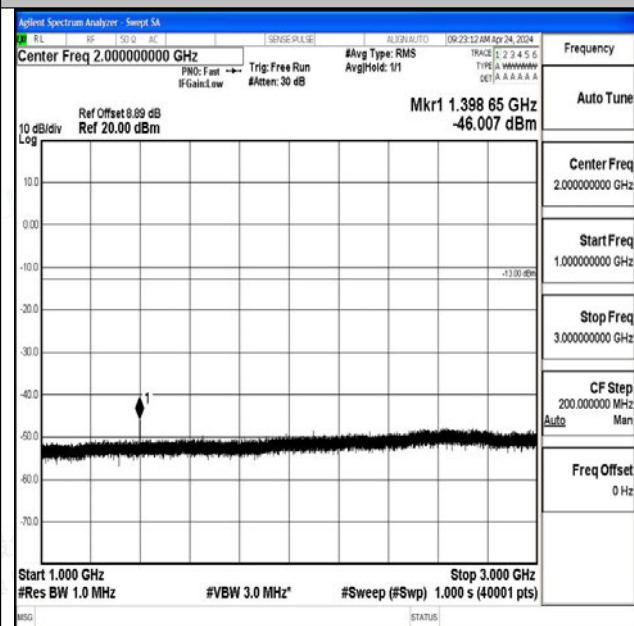
Band12_5MHz_QPSK_23035_1RB#0_0.009~0.15_0.009
~0.15



Band12_5MHz_QPSK_23035_1RB#0_0.15~30_0.15~30

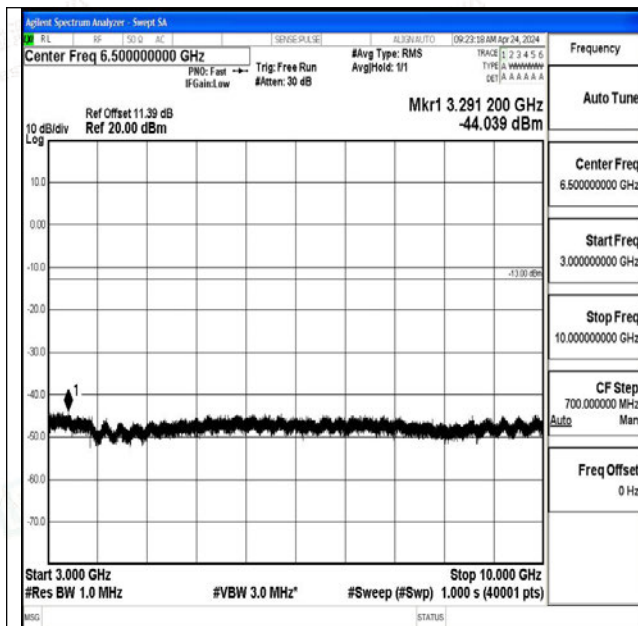


Band12_5MHz_QPSK_23035_1RB#0_30~1000_30~100
0

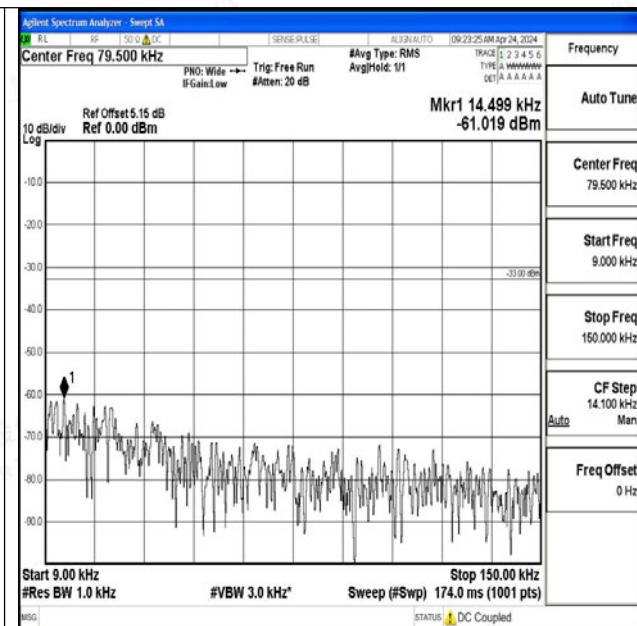


Band12_5MHz_QPSK_23035_1RB#0_1000~3000_1000
~3000

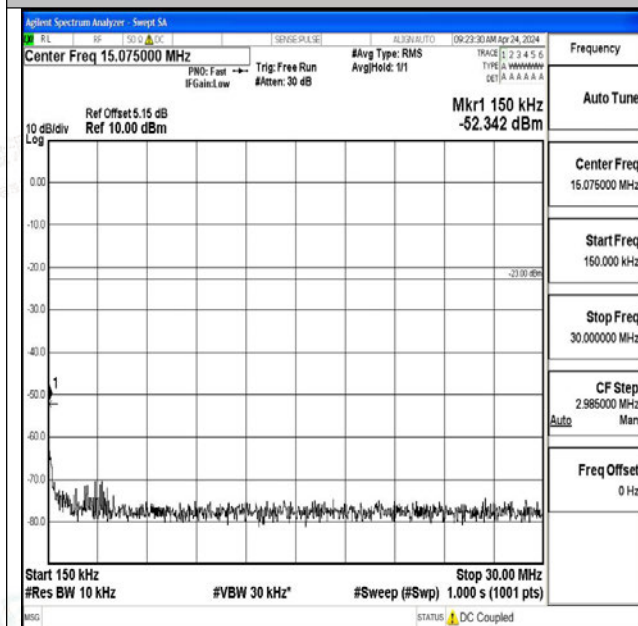




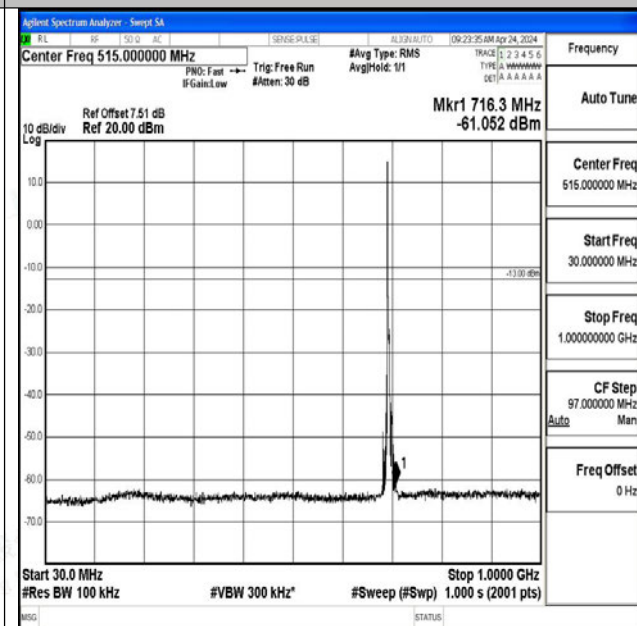
Band12_5MHz_QPSK_23035_1RB#0_3000~10000_300
0~10000



Band12_5MHz_16QAM_23035_1RB#0_0.009~0.15_0.0
09~0.15

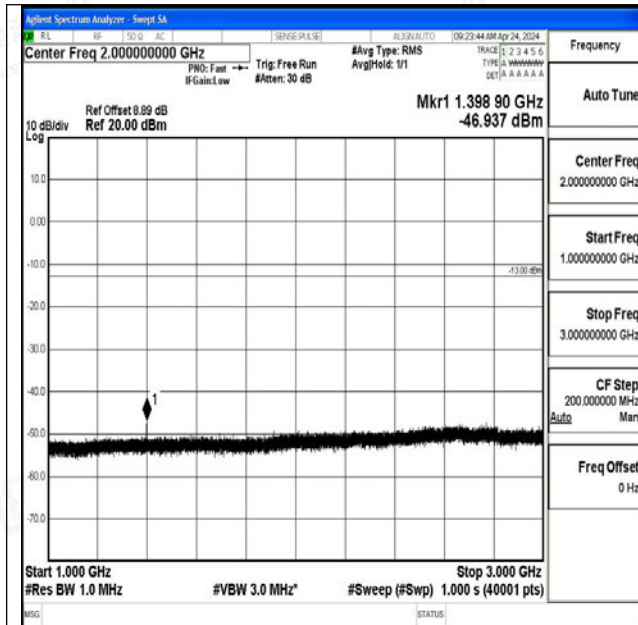


Band12_5MHz_16QAM_23035_1RB#0_0.15~30_0.15~3
0

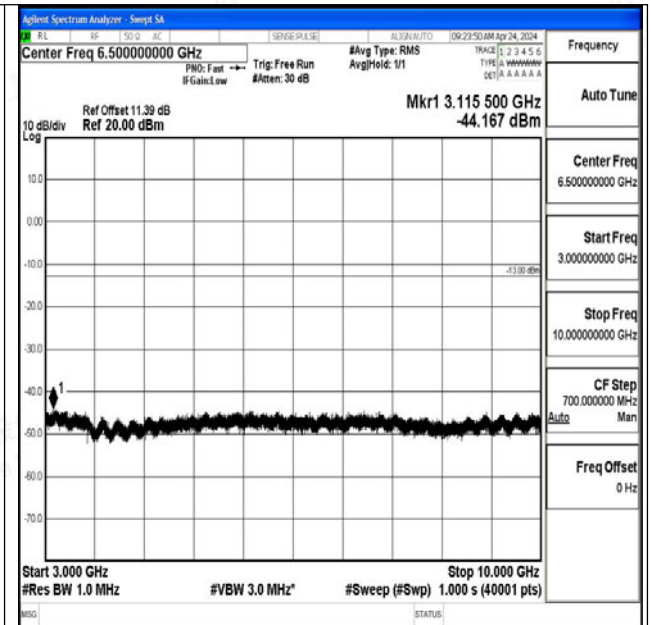


Band12_5MHz_16QAM_23035_1RB#0_30~1000_30~10
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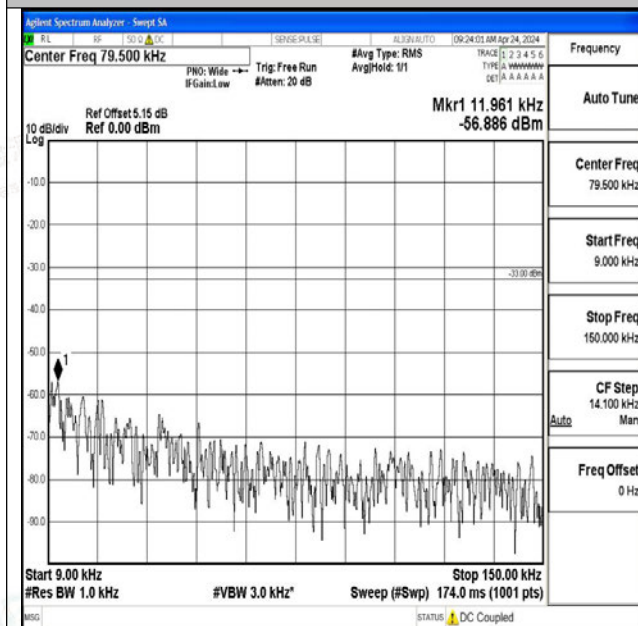




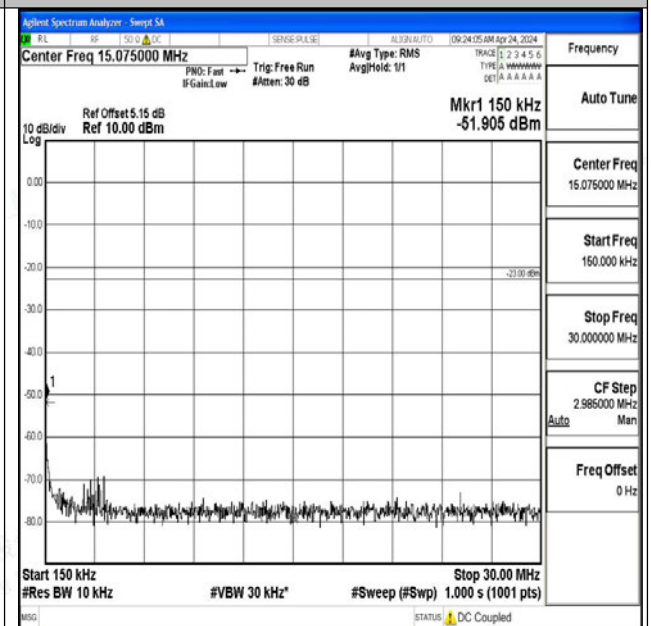
Band12_5MHz_16QAM_23035_1RB#0_1000~3000_100
0~3000



Band12_5MHz_16QAM_23035_1RB#0_3000~10000_30
00~10000

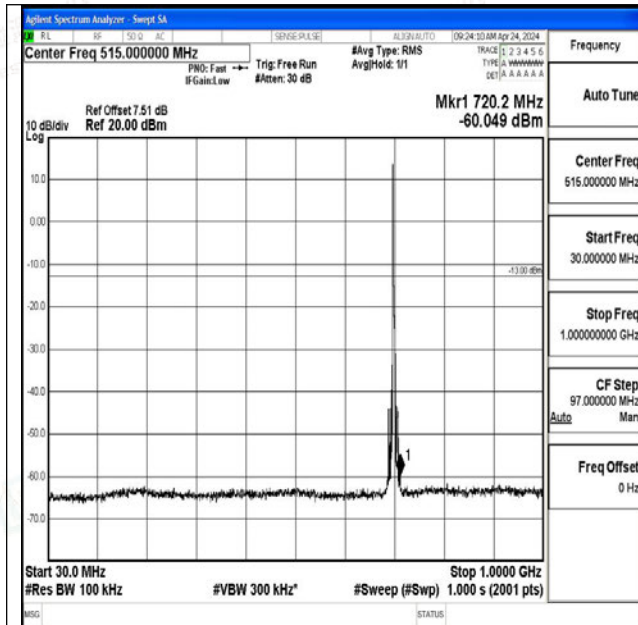


Band12_5MHz_QPSK_23095_1RB#0_0.009~0.15_0.009
~0.15



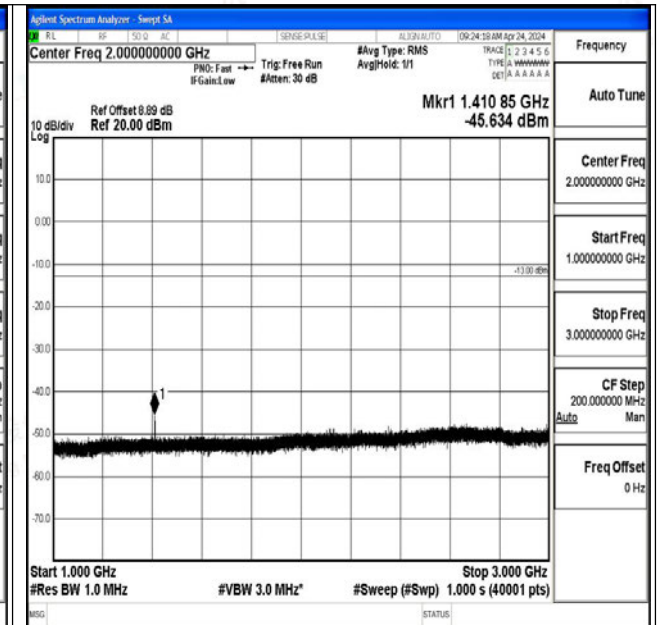
Band12_5MHz_QPSK_23095_1RB#0_0.15~30_0.15~30





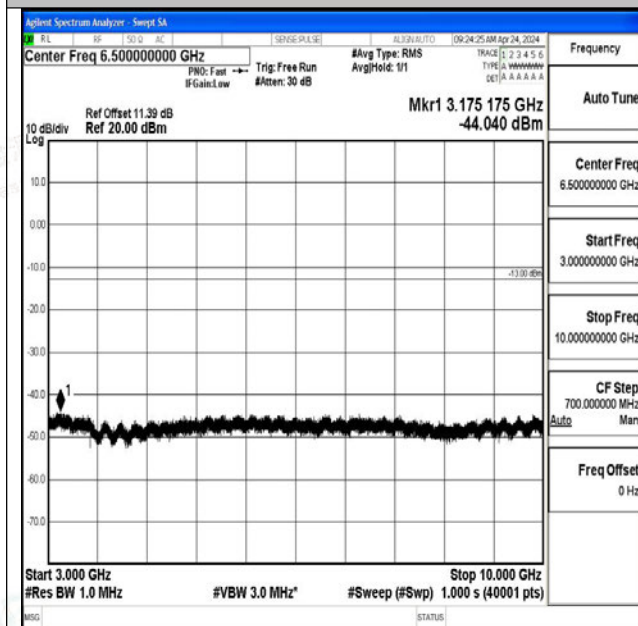
Band12_5MHz_QPSK_23095_1RB#0_30~1000_30~1000

0



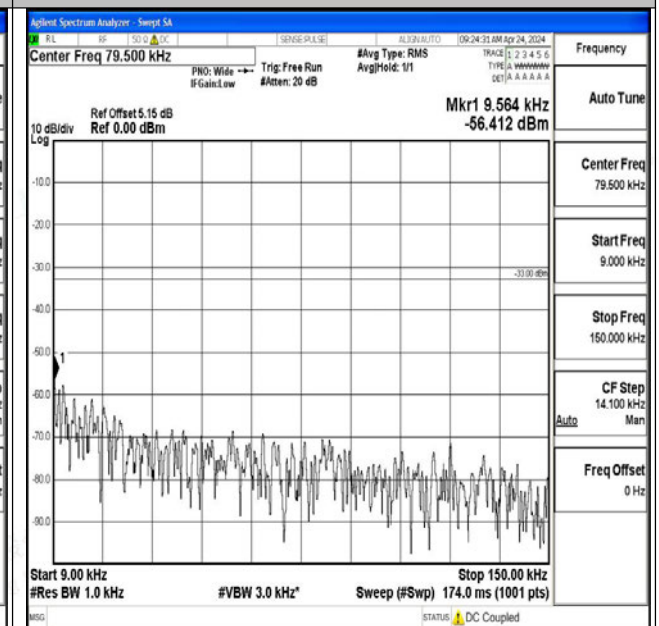
Band12_5MHz_QPSK_23095_1RB#0_1000~3000_1000

~3000



Band12_5MHz_QPSK_23095_1RB#0_3000~10000_300

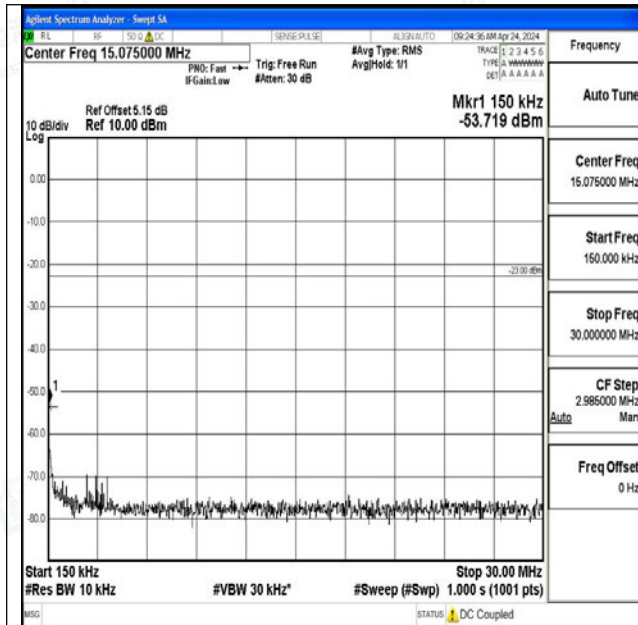
0~10000



Band12_5MHz_16QAM_23095_1RB#0_0.009~0.15_0.0

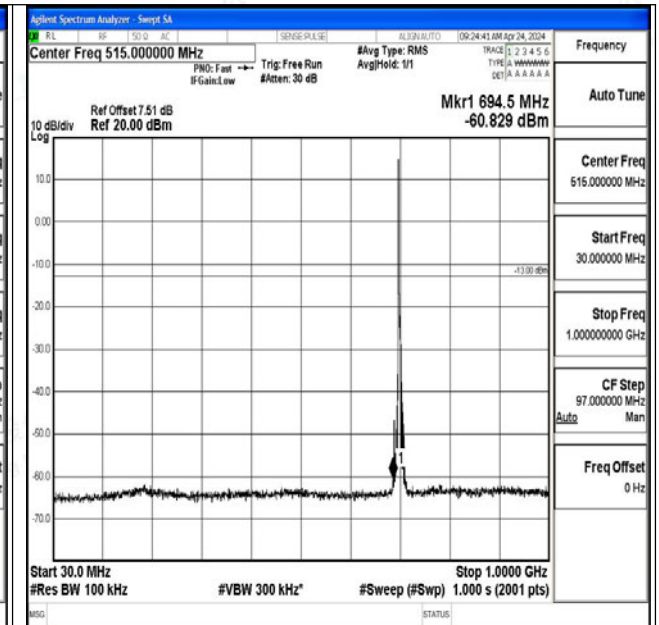
09~0.15





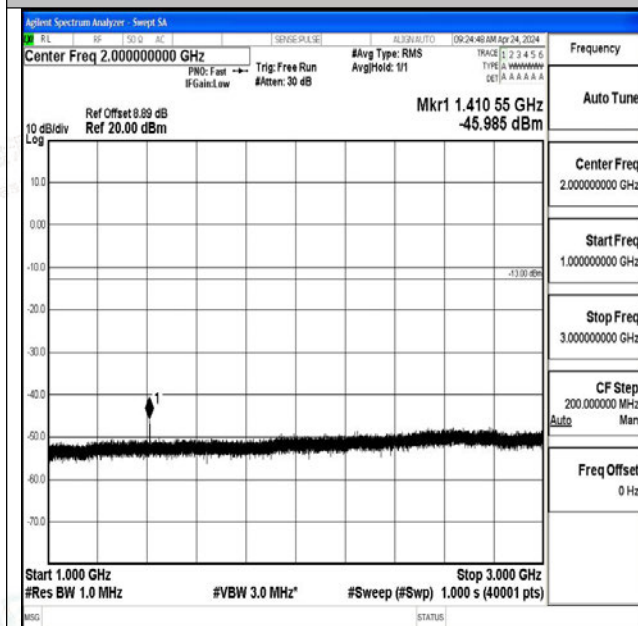
Band12_5MHz_16QAM_23095_1RB#0_0.15~30_0.15~3

0



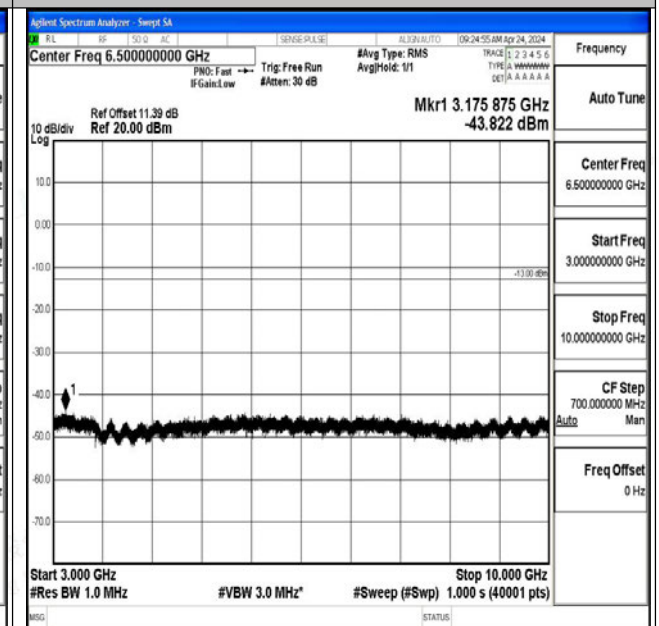
Band12_5MHz_16QAM_23095_1RB#0_30~1000_30~10

00



Band12_5MHz_16QAM_23095_1RB#0_1000~3000_100

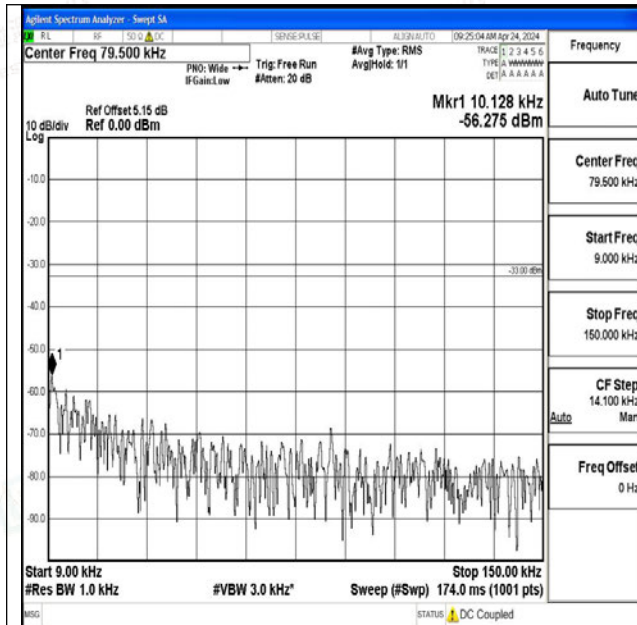
0~3000



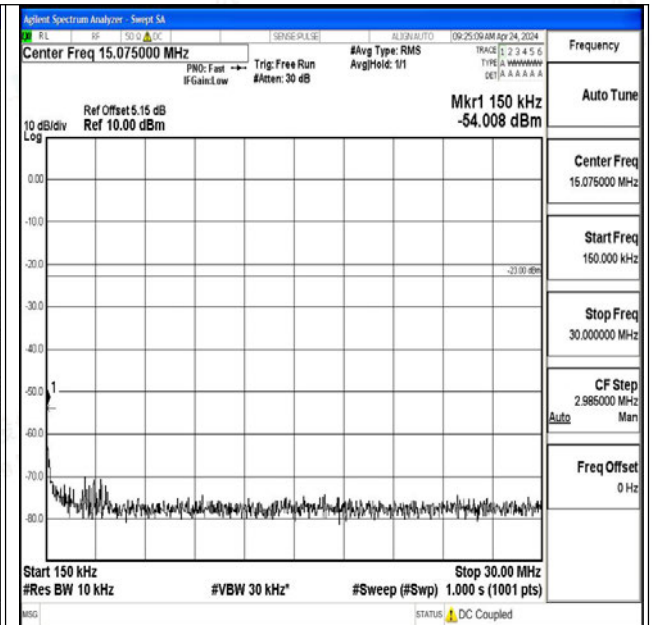
Band12_5MHz_16QAM_23095_1RB#0_3000~10000_30

00~10000

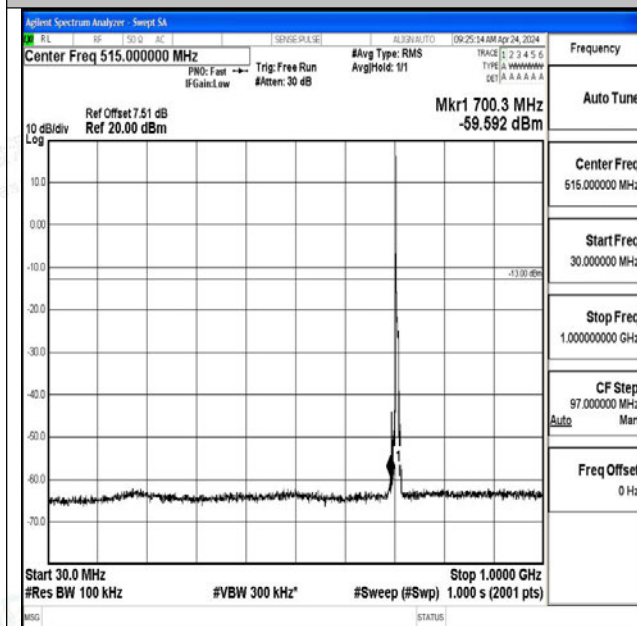




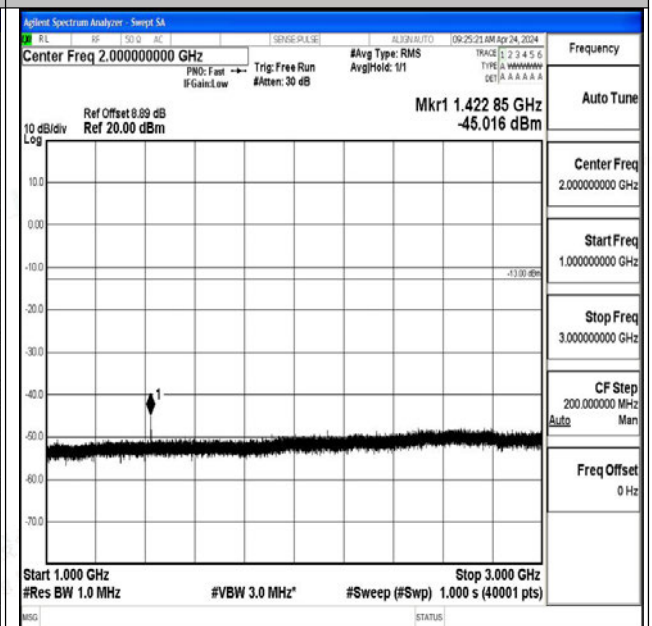
Band12_5MHz_QPSK_23155_1RB#0_0.009~0.15_0.009
~0.15



Band12_5MHz_QPSK_23155_1RB#0_0.15~30_0.15~30



Band12_5MHz_QPSK_23155_1RB#0_30~1000_30~100
0



Band12_5MHz_QPSK_23155_1RB#0_1000~3000_1000
~3000

