



Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-A02 Rev. A/0

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Appendix E

for FYCR2606000155AT

FCC ID:OU9SFX66AA01



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Shenzhen Branch

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Appendix 1: Effective (Isotropic) Radiated Power for Cat M1 Band 13

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band13	5MHz	23205	QPSK	1	0	20.71	17.82	34.80	PASS
Band13	5MHz	23205	16QAM	1	0	21.09	18.2	34.80	PASS
Band13	5MHz	23205	QPSK	1	5	20.57	17.68	34.80	PASS
Band13	5MHz	23205	16QAM	1	5	20.74	17.85	34.80	PASS
Band13	5MHz	23205	QPSK	6	0	19.71	16.82	34.80	PASS
Band13	5MHz	23205	16QAM	6	0	19.48	16.59	34.80	PASS
Band13	5MHz	23230	QPSK	1	0	20.73	17.84	34.80	PASS
Band13	5MHz	23230	16QAM	1	0	20.91	18.02	34.80	PASS
Band13	5MHz	23230	QPSK	1	5	20.69	17.8	34.80	PASS
Band13	5MHz	23230	16QAM	1	5	20.57	17.68	34.80	PASS
Band13	5MHz	23230	QPSK	6	0	19.78	16.89	34.80	PASS
Band13	5MHz	23230	16QAM	6	0	19.57	16.68	34.80	PASS
Band13	5MHz	23255	QPSK	1	0	20.66	17.77	34.80	PASS
Band13	5MHz	23255	16QAM	1	0	20.6	17.71	34.80	PASS
Band13	5MHz	23255	QPSK	1	5	20.77	17.88	34.80	PASS
Band13	5MHz	23255	16QAM	1	5	20.67	17.78	34.80	PASS
Band13	5MHz	23255	QPSK	6	0	19.25	16.36	34.80	PASS
Band13	5MHz	23255	16QAM	6	0	19.35	16.46	34.80	PASS
Band13	10MHz	23230	QPSK	1	0	21.06	18.17	34.80	PASS
Band13	10MHz	23230	16QAM	1	0	20.78	17.89	34.80	PASS
Band13	10MHz	23230	QPSK	1	5	20.88	17.99	34.80	PASS
Band13	10MHz	23230	16QAM	1	5	20.75	17.86	34.80	PASS
Band13	10MHz	23230	QPSK	6	0	19.54	16.65	34.80	PASS
Band13	10MHz	23230	16QAM	6	0	19.49	16.6	34.80	PASS

Note: Antenna Gain -0.74 dBi;

1) dBd= dBi-2.15

2) ERP= Conducted output power+Antenna gain (dBd)



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Appendix 2: Peak-to-Average Ratio(CCDF) for Cat M1 Band 13

Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	23205	QPSK	1	0	Low	4.37	<=13	PASS
Band13	5MHz	23205	16QAM	1	0	Low	4.72	<=13	PASS
Band13	5MHz	23205	QPSK	6	0	Low	5.09	<=13	PASS
Band13	5MHz	23205	16QAM	6	0	Low	5.07	<=13	PASS
Band13	5MHz	23230	QPSK	1	0	Low	4.32	<=13	PASS
Band13	5MHz	23230	16QAM	1	0	Low	4.72	<=13	PASS
Band13	5MHz	23230	QPSK	6	0	Low	4.95	<=13	PASS
Band13	5MHz	23230	16QAM	6	0	Low	5.09	<=13	PASS
Band13	5MHz	23255	QPSK	1	5	High	4.08	<=13	PASS
Band13	5MHz	23255	16QAM	1	5	High	5.23	<=13	PASS
Band13	5MHz	23255	QPSK	6	0	High	5.09	<=13	PASS
Band13	5MHz	23255	16QAM	6	0	High	5.06	<=13	PASS
Band13	10MHz	23230	QPSK	1	0	Low	4.27	<=13	PASS
Band13	10MHz	23230	16QAM	1	0	Low	4.38	<=13	PASS
Band13	10MHz	23230	QPSK	6	0	Low	4.84	<=13	PASS
Band13	10MHz	23230	16QAM	6	0	Low	4.82	<=13	PASS

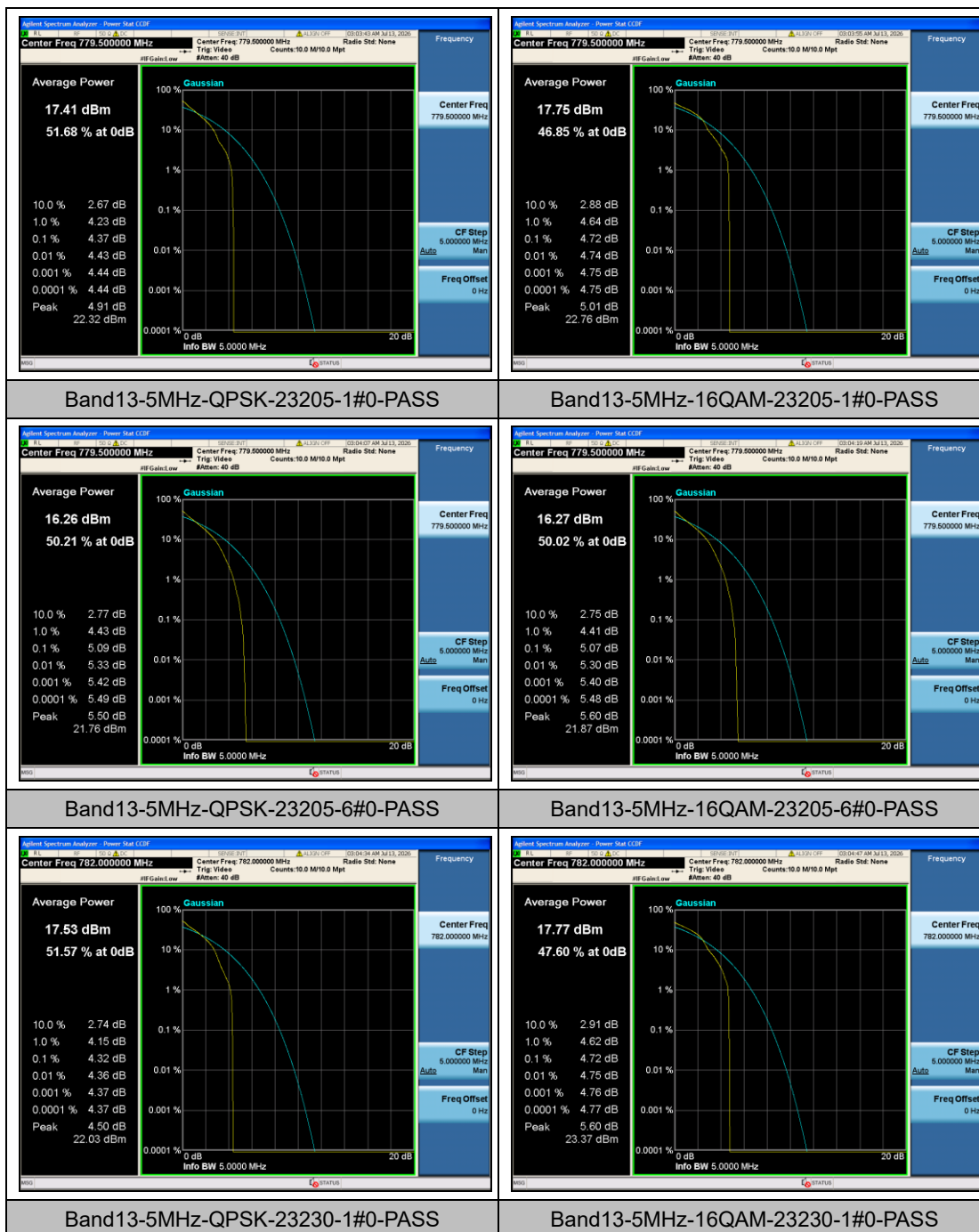


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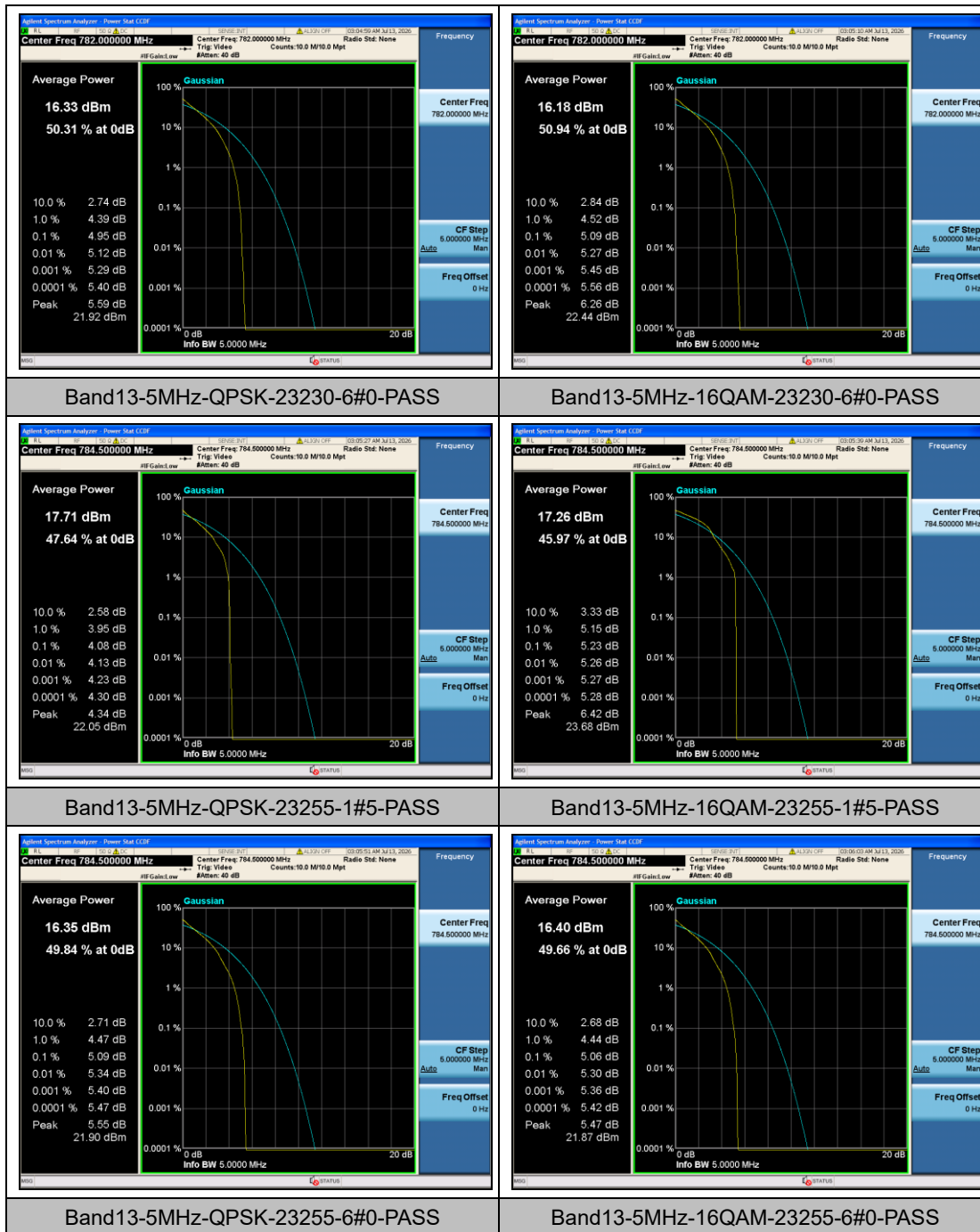
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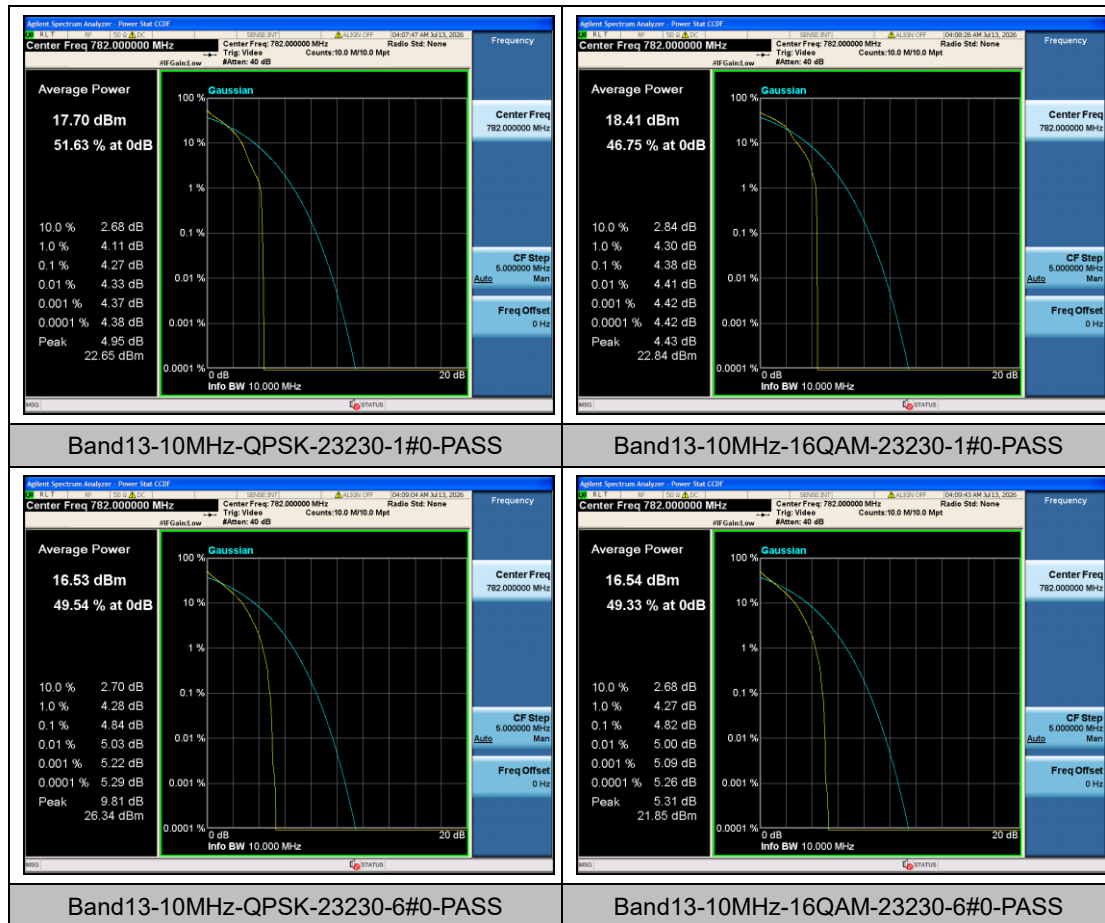
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Appendix 3: 26dB Bandwidth and Occupied Bandwidth for Cat

M1 Band 13

Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	23205	QPSK	6	0	Low	1.1872	1.523	PASS
Band13	5MHz	23205	16QAM	6	0	Low	1.1846	1.477	PASS
Band13	5MHz	23230	QPSK	6	0	Low	1.1817	1.560	PASS
Band13	5MHz	23230	16QAM	6	0	Low	1.1768	1.555	PASS
Band13	5MHz	23255	QPSK	6	0	High	1.1959	1.438	PASS
Band13	5MHz	23255	16QAM	6	0	High	1.1931	1.429	PASS
Band13	10MHz	23230	QPSK	6	0	Low	1.3424	2.012	PASS
Band13	10MHz	23230	16QAM	6	0	Low	1.3437	1.880	PASS



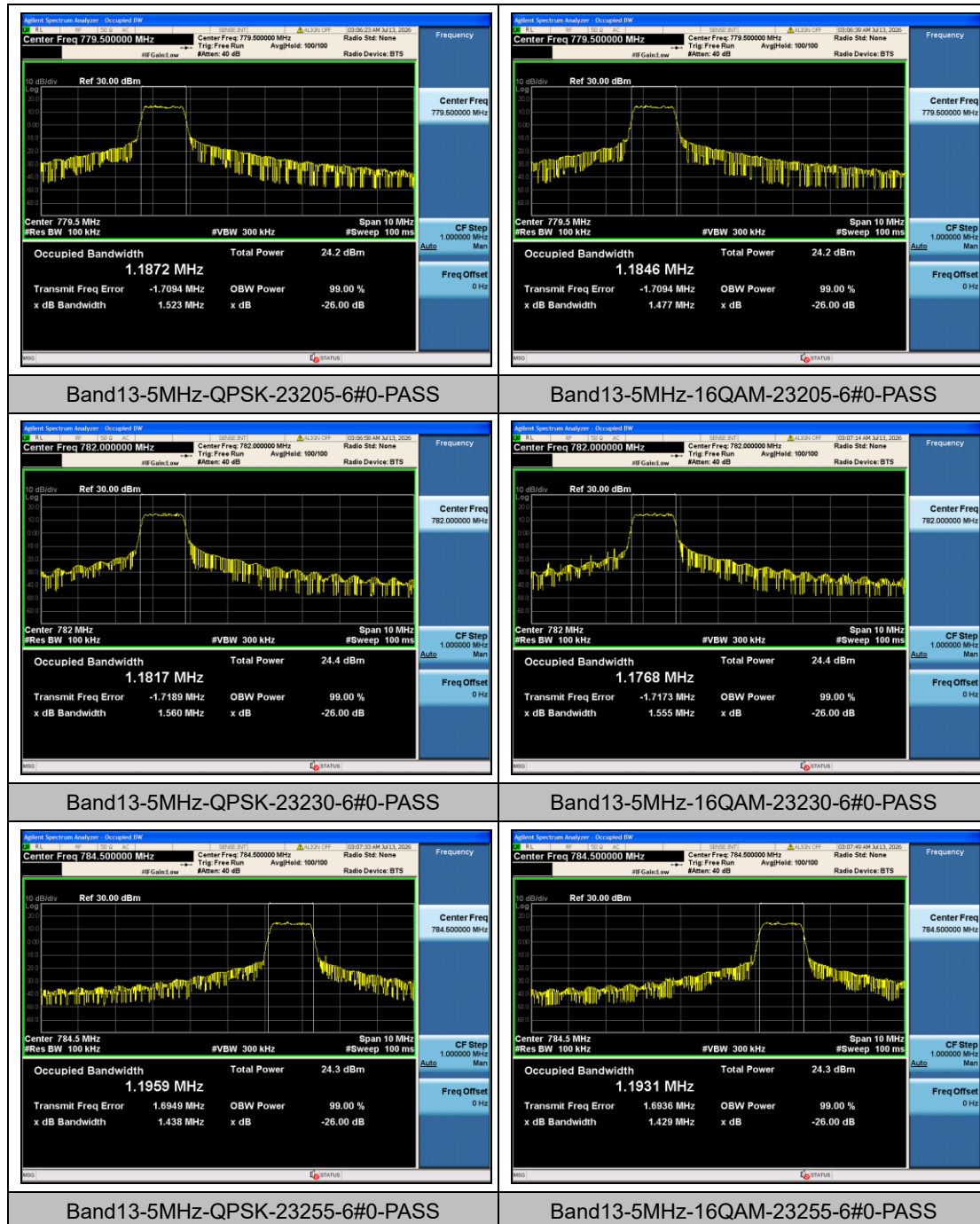
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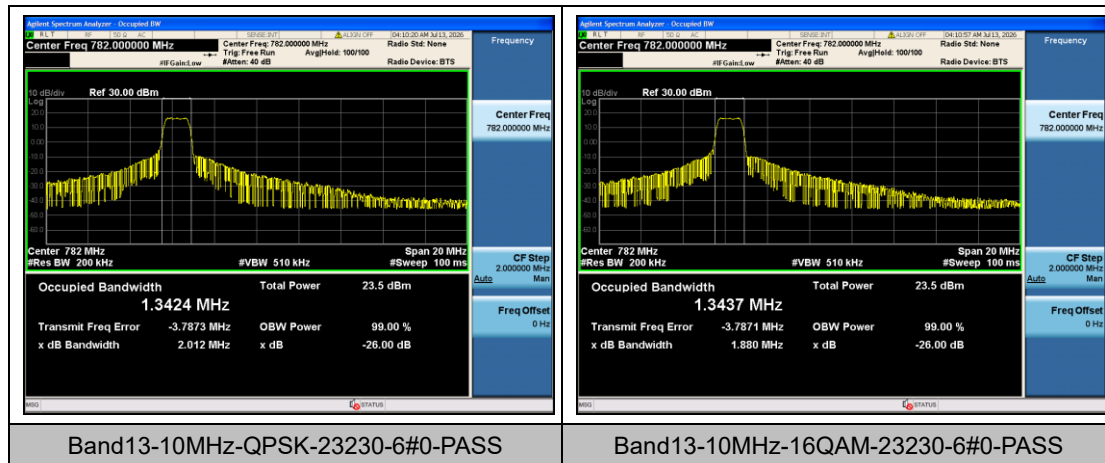
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Appendix 4: Band Edge for Cat M1 Band 13

Test Result

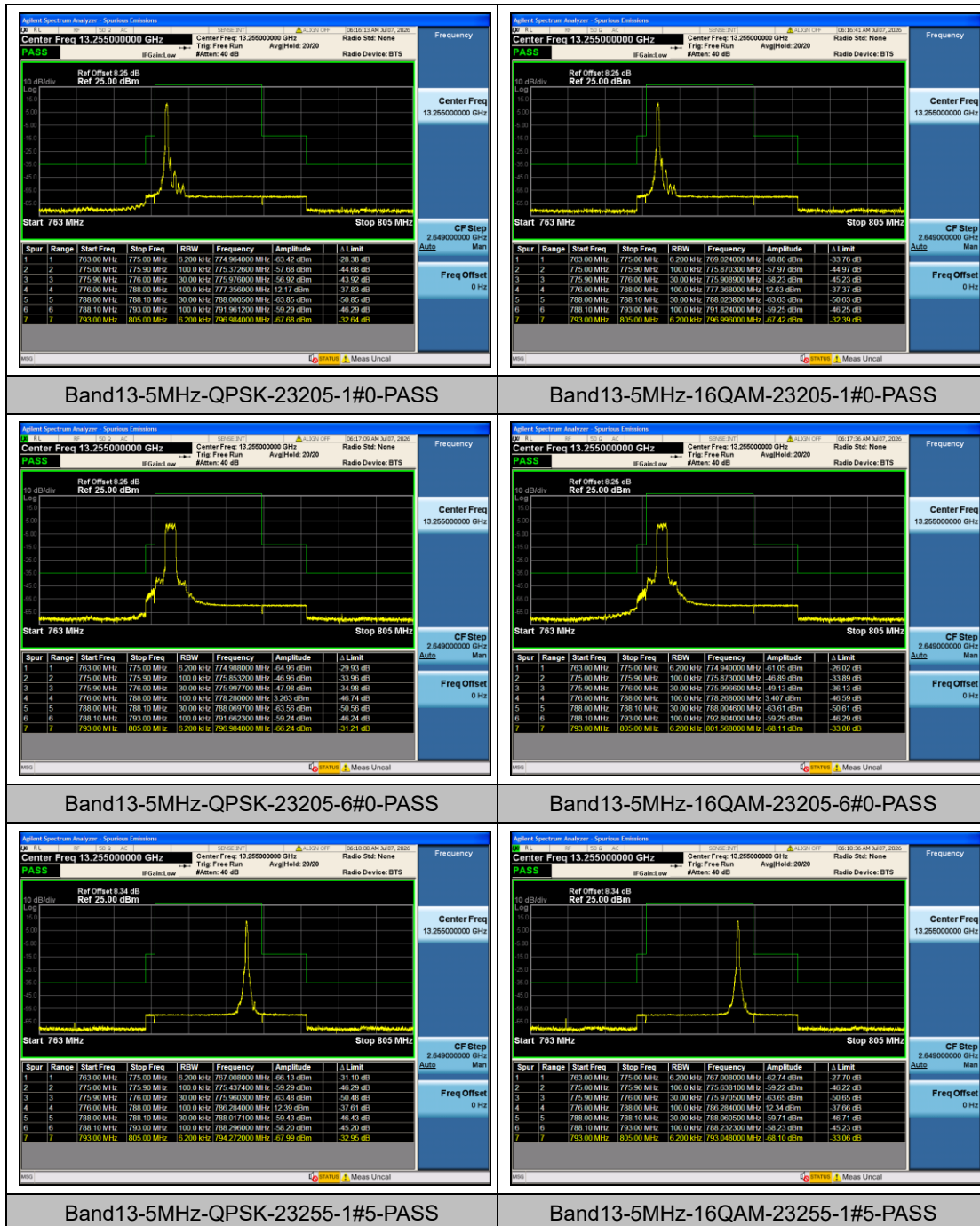
Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Freq	Level	Margin	Verdict
Band13	5MHz	23205	QPSK	1	0	Low	774.96	-63.42	28.42	PASS
Band13	5MHz	23205	16QAM	1	0	Low	797.00	-67.42	32.42	PASS
Band13	5MHz	23205	QPSK	6	0	Low	774.99	-64.96	29.96	PASS
Band13	5MHz	23205	16QAM	6	0	Low	774.94	-61.05	26.05	PASS
Band13	5MHz	23255	QPSK	1	5	High	767.01	-66.13	31.13	PASS
Band13	5MHz	23255	16QAM	1	5	High	767.01	-62.74	27.74	PASS
Band13	5MHz	23255	QPSK	6	0	High	767.01	-64.45	29.45	PASS
Band13	5MHz	23255	16QAM	6	0	High	767.01	-65.30	30.30	PASS
Band13	10MHz	23230	QPSK	1	0	Low	774.98	-64.20	29.20	PASS
Band13	10MHz	23230	16QAM	1	0	Low	797.42	-66.84	31.84	PASS
Band13	10MHz	23230	QPSK	1	0	High	804.98	-65.67	30.67	PASS
Band13	10MHz	23230	16QAM	1	0	High	766.58	-65.49	30.49	PASS
Band13	10MHz	23230	QPSK	6	0	Low	774.99	-64.97	29.97	PASS
Band13	10MHz	23230	16QAM	6	0	Low	774.77	-59.86	24.86	PASS



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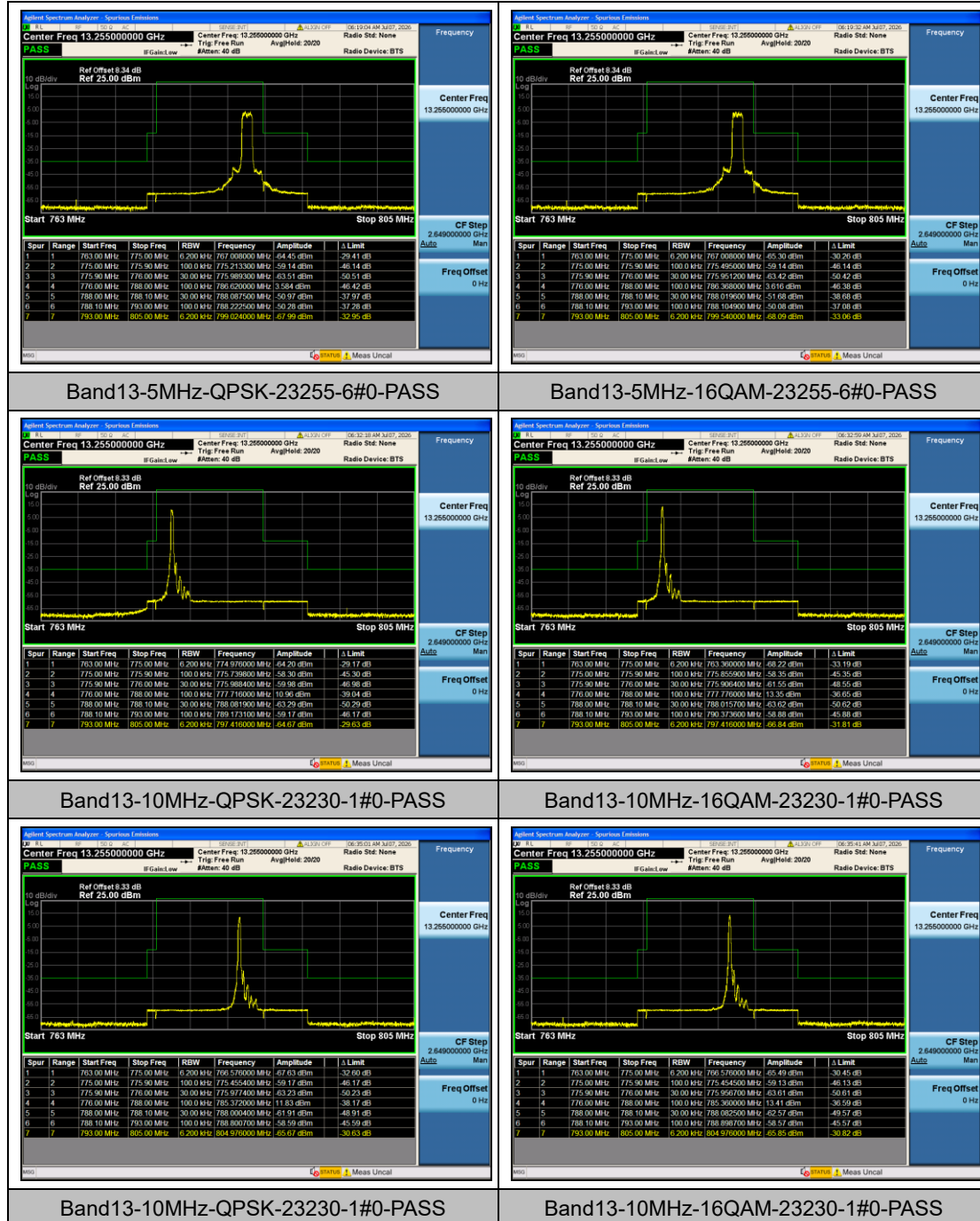
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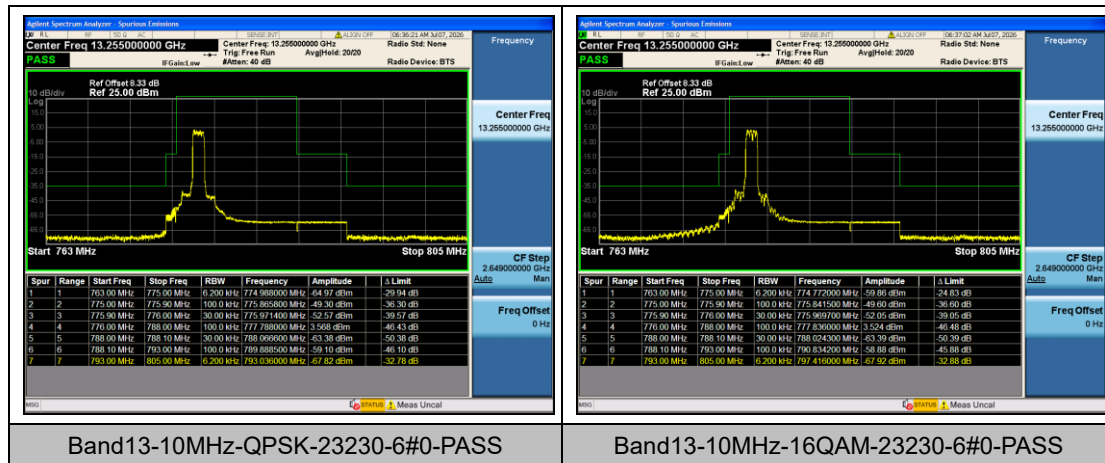
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Appendix 5: Conducted Spurious Emission for Cat M1 Band

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Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Limit(dBm)	Verdict
Band13	5MHz	23205	QPSK	1	0	Low	0.009	0.15	-58.2	-33	PASS
Band13	5MHz	23205	QPSK	1	0	Low	0.15	30	-55.69	-23	PASS
Band13	5MHz	23205	QPSK	1	0	Low	30	1000	-50.98	-13	PASS
Band13	5MHz	23205	QPSK	1	0	Low	1000	10000	-38.35	-13	PASS
Band13	5MHz	23205	QPSK	1	0	Low	763	775	-40.39	-35	PASS
Band13	5MHz	23205	QPSK	1	0	Low	793	805	-53.46	-35	PASS
Band13	5MHz	23205	16QAM	1	0	Low	0.009	0.15	-56.94	-33	PASS
Band13	5MHz	23205	16QAM	1	0	Low	0.15	30	-56.73	-23	PASS
Band13	5MHz	23205	16QAM	1	0	Low	30	1000	-42.51	-13	PASS
Band13	5MHz	23205	16QAM	1	0	Low	1000	10000	-37.56	-13	PASS
Band13	5MHz	23205	16QAM	1	0	Low	763	775	-44.55	-35	PASS
Band13	5MHz	23205	16QAM	1	0	Low	793	805	-52.16	-35	PASS
Band13	5MHz	23230	QPSK	1	0	Low	0.009	0.15	-57.38	-33	PASS
Band13	5MHz	23230	QPSK	1	0	Low	0.15	30	-56.36	-23	PASS
Band13	5MHz	23230	QPSK	1	0	Low	30	1000	-50.76	-13	PASS
Band13	5MHz	23230	QPSK	1	0	Low	1000	10000	-38.24	-13	PASS
Band13	5MHz	23230	QPSK	1	0	Low	763	775	-50.15	-35	PASS
Band13	5MHz	23230	QPSK	1	0	Low	793	805	-53.08	-35	PASS
Band13	5MHz	23230	16QAM	1	0	Low	0.009	0.15	-56.51	-33	PASS
Band13	5MHz	23230	16QAM	1	0	Low	0.15	30	-55.32	-23	PASS
Band13	5MHz	23230	16QAM	1	0	Low	30	1000	-51.25	-13	PASS
Band13	5MHz	23230	16QAM	1	0	Low	1000	10000	-37.79	-13	PASS
Band13	5MHz	23230	16QAM	1	0	Low	763	775	-50.66	-35	PASS
Band13	5MHz	23230	16QAM	1	0	Low	793	805	-52.82	-35	PASS
Band13	5MHz	23255	QPSK	1	5	High	0.009	0.15	-58.99	-33	PASS
Band13	5MHz	23255	QPSK	1	5	High	0.15	30	-56.96	-23	PASS
Band13	5MHz	23255	QPSK	1	5	High	30	1000	-38.94	-13	PASS
Band13	5MHz	23255	QPSK	1	5	High	1000	10000	-36.64	-13	PASS
Band13	5MHz	23255	QPSK	1	5	High	763	775	-54.29	-35	PASS
Band13	5MHz	23255	QPSK	1	5	High	793	805	-49.36	-35	PASS
Band13	5MHz	23255	16QAM	1	5	High	0.009	0.15	-56.68	-33	PASS
Band13	5MHz	23255	16QAM	1	5	High	0.15	30	-55.38	-23	PASS
Band13	5MHz	23255	16QAM	1	5	High	30	1000	-49.23	-13	PASS
Band13	5MHz	23255	16QAM	1	5	High	1000	10000	-37.22	-13	PASS
Band13	5MHz	23255	16QAM	1	5	High	763	775	-51	-35	PASS
Band13	5MHz	23255	16QAM	1	5	High	793	805	-48.93	-35	PASS
Band13	10MHz	23230	QPSK	1	0	Low	0.009	0.15	-63.33	-33	PASS
Band13	10MHz	23230	QPSK	1	0	Low	0.15	30	-61.11	-23	PASS
Band13	10MHz	23230	QPSK	1	0	Low	30	1000	-56.01	-13	PASS
Band13	10MHz	23230	QPSK	1	0	Low	1000	10000	-42.07	-13	PASS
Band13	10MHz	23230	QPSK	1	0	Low	763	775	-46.96	-35	PASS
Band13	10MHz	23230	QPSK	1	0	Low	793	805	-56.83	-35	PASS
Band13	10MHz	23230	16QAM	1	0	Low	0.009	0.15	-60.01	-33	PASS
Band13	10MHz	23230	16QAM	1	0	Low	0.15	30	-59.72	-23	PASS
Band13	10MHz	23230	16QAM	1	0	Low	30	1000	-44.28	-13	PASS



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Band13	10MHz	23230	16QAM	1	0	Low	1000	10000	-40.75	-13	PASS
Band13	10MHz	23230	16QAM	1	0	Low	763	775	-47.2	-35	PASS
Band13	10MHz	23230	16QAM	1	0	Low	793	805	-56.49	-35	PASS
Band13	10MHz	23230	QPSK	1	5	Low	0.009	0.15	-62.86	-33	PASS
Band13	10MHz	23230	QPSK	1	5	Low	0.15	30	-61.14	-23	PASS
Band13	10MHz	23230	QPSK	1	5	Low	30	1000	-52.17	-13	PASS
Band13	10MHz	23230	QPSK	1	5	Low	1000	10000	-41.66	-13	PASS
Band13	10MHz	23230	QPSK	1	5	Low	763	775	-46.71	-35	PASS
Band13	10MHz	23230	QPSK	1	5	Low	793	805	-55.99	-35	PASS
Band13	10MHz	23230	16QAM	1	5	Low	0.009	0.15	-59.72	-33	PASS
Band13	10MHz	23230	16QAM	1	5	Low	0.15	30	-58.2	-23	PASS
Band13	10MHz	23230	16QAM	1	5	Low	30	1000	-53.91	-13	PASS
Band13	10MHz	23230	16QAM	1	5	Low	1000	10000	-41.38	-13	PASS
Band13	10MHz	23230	16QAM	1	5	Low	763	775	-48.02	-35	PASS
Band13	10MHz	23230	16QAM	1	5	Low	793	805	-54.22	-35	PASS



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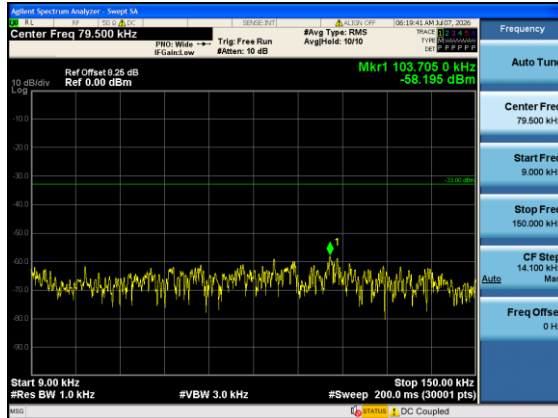


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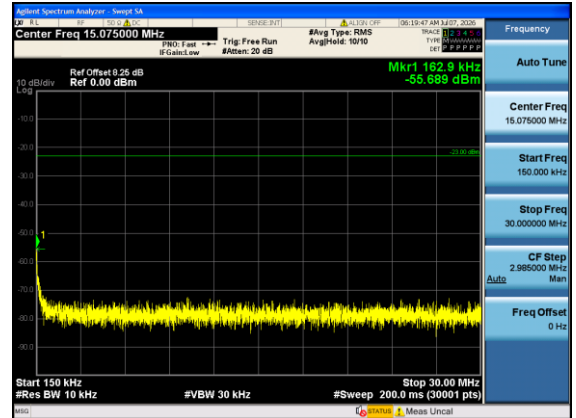
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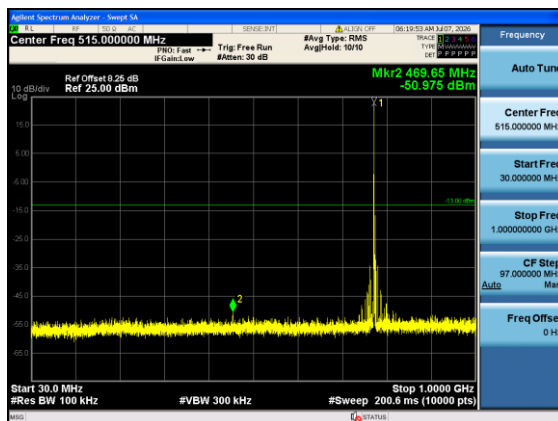
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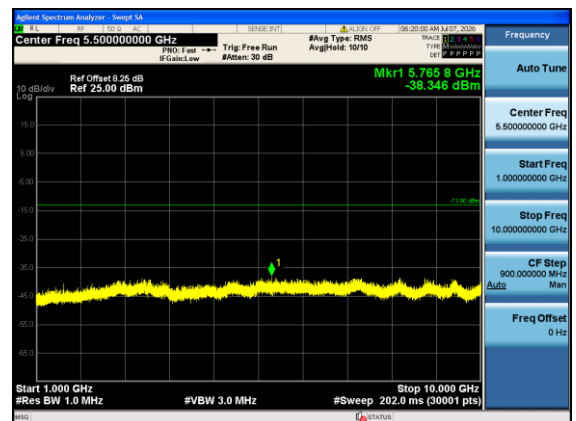
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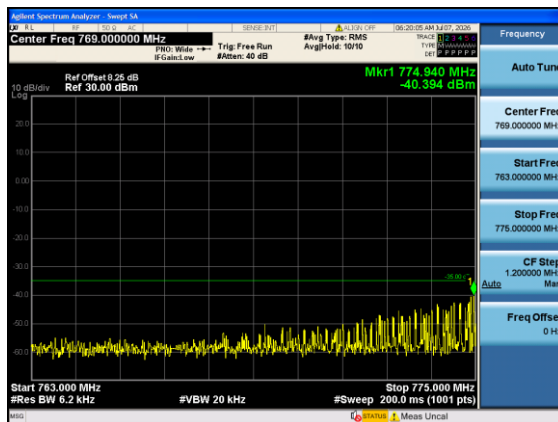
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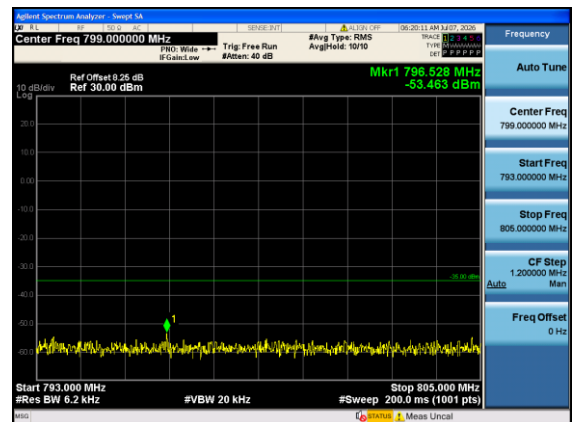
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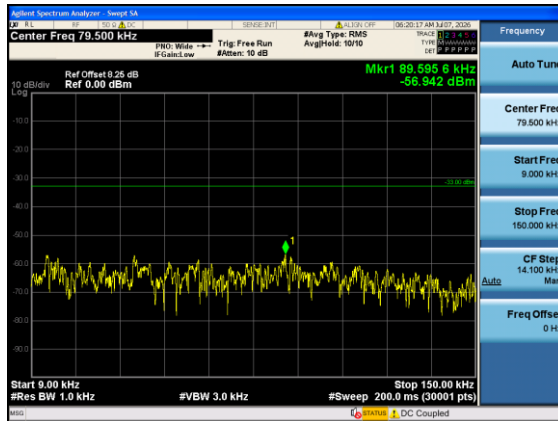
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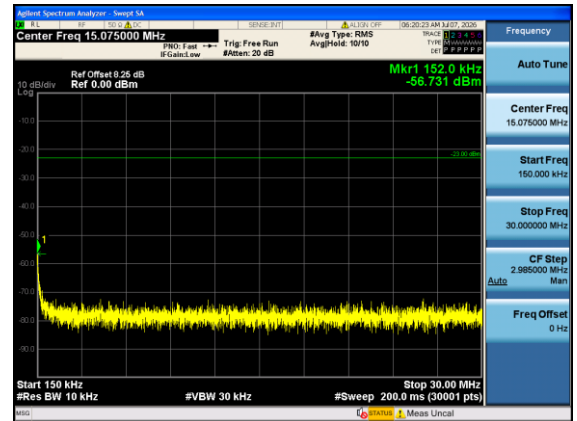
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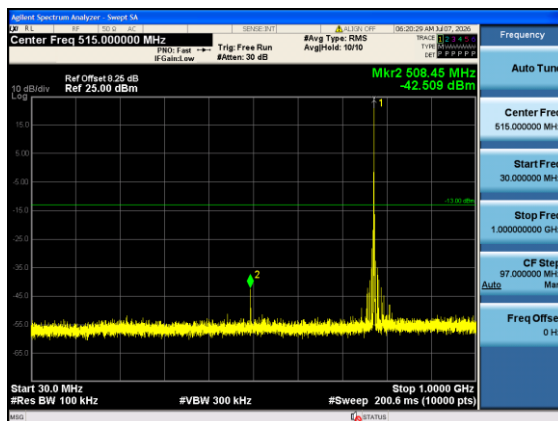
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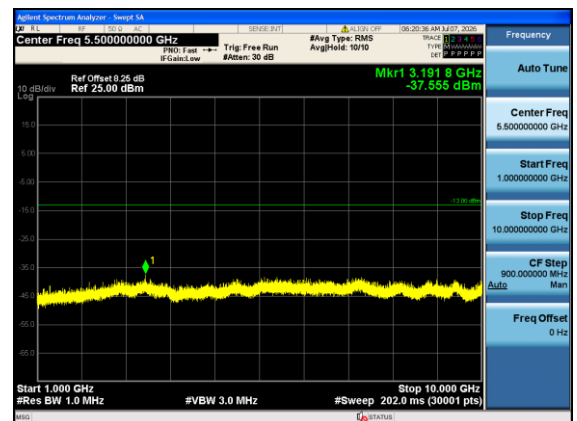
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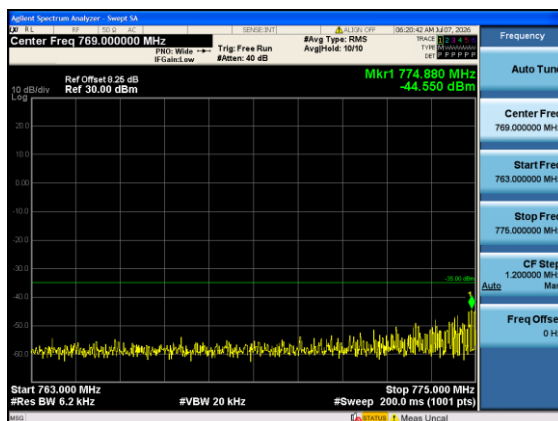
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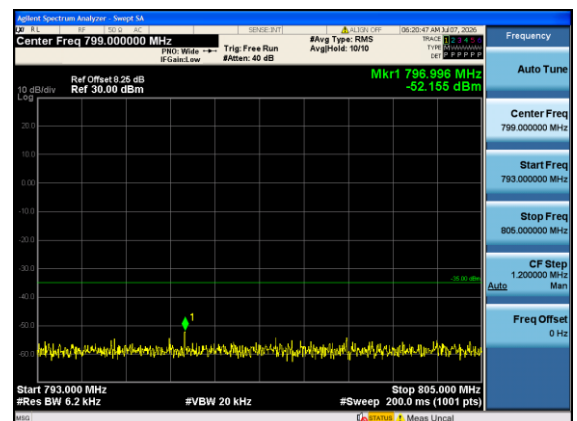
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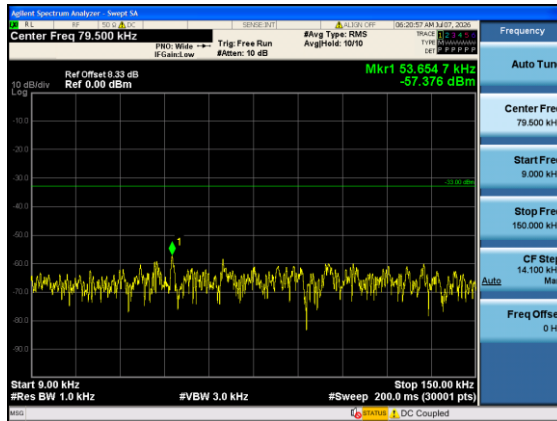
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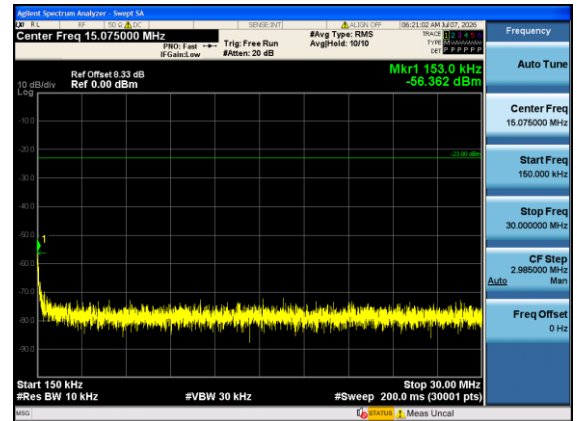
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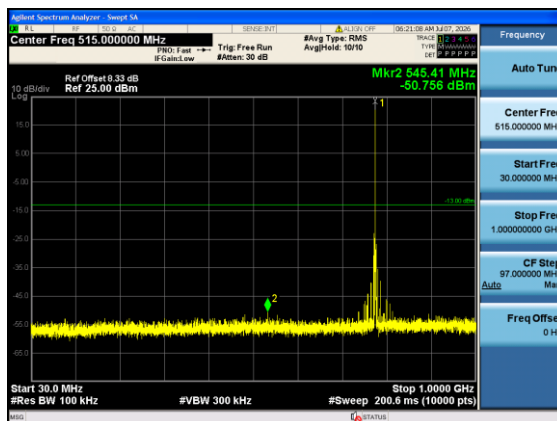
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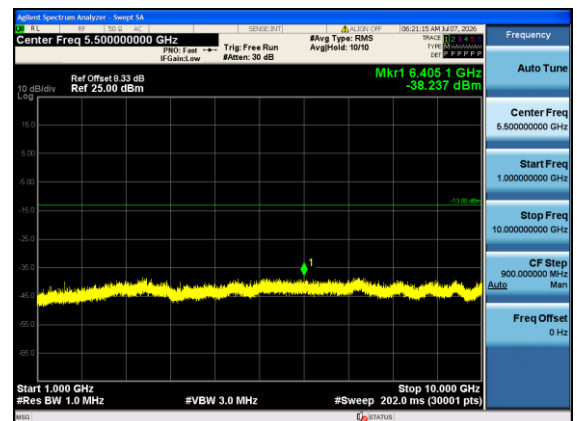
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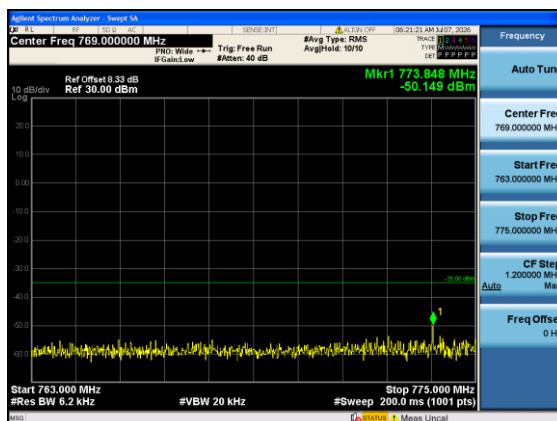
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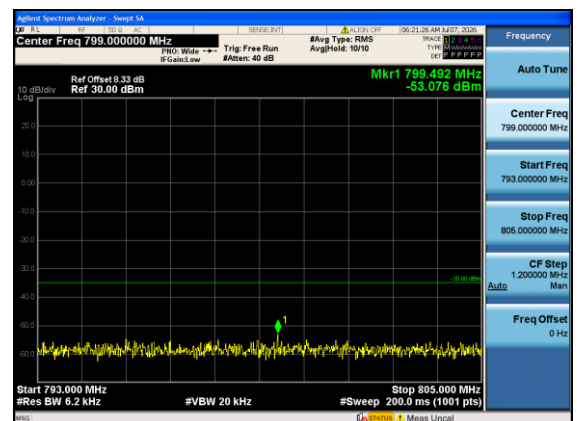
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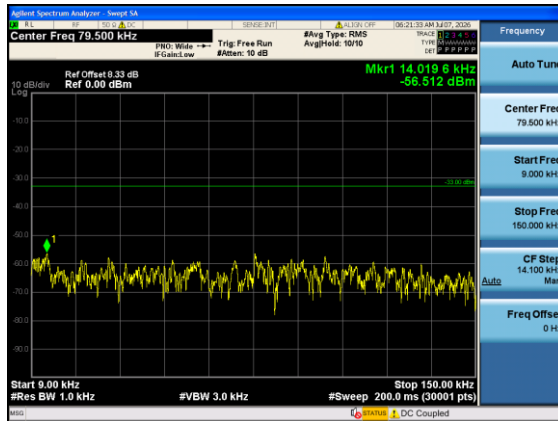
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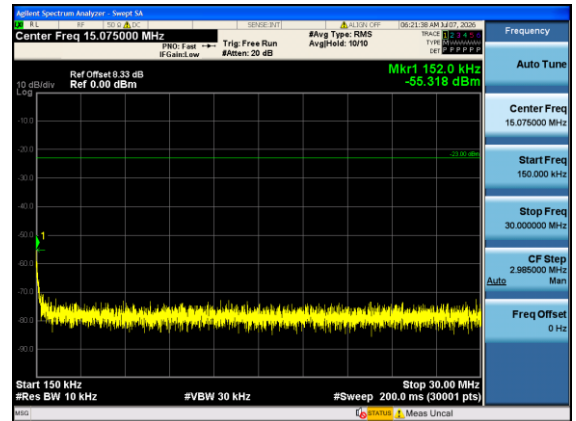
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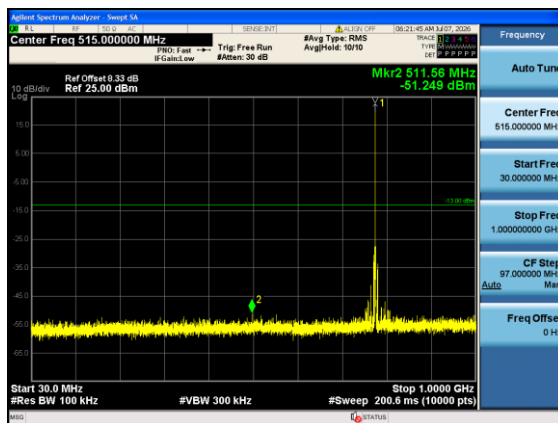
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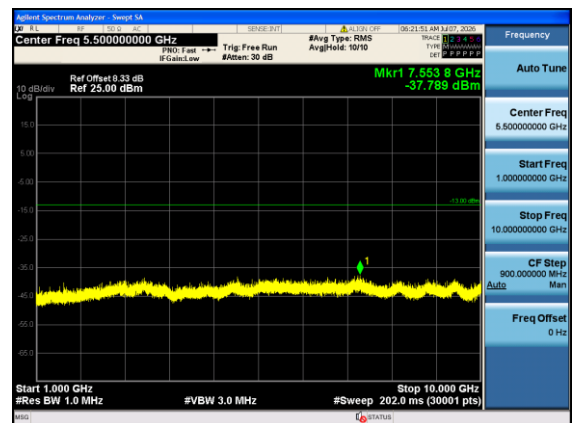
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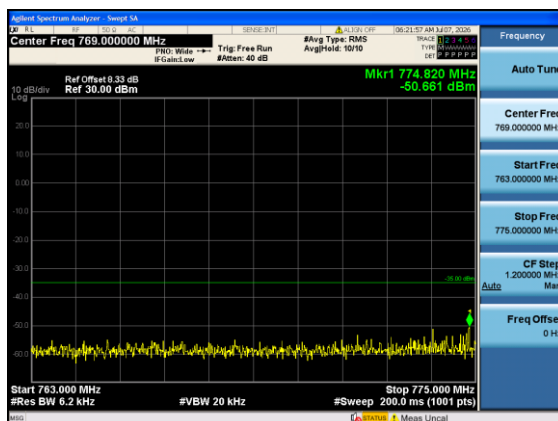
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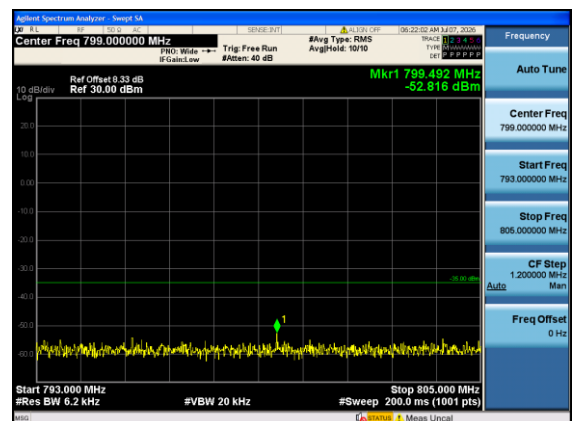
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Band13-5MHz-16QAM-23230-1#0-793-805-PASS



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