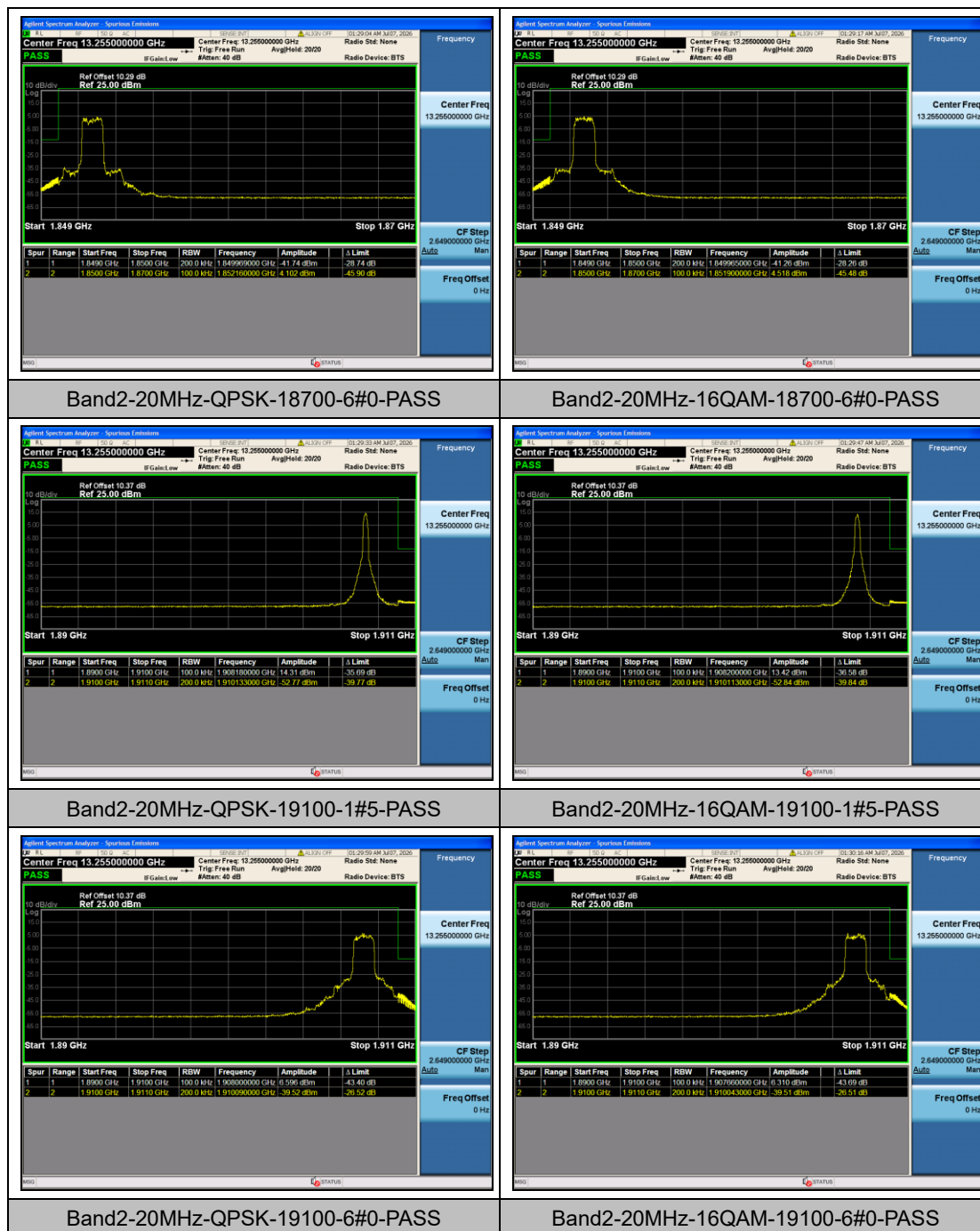




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Appendix 5: Conducted Spurious Emission for Cat M1 Band 2

Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Limit(dBm)	Verdict
Band2	1.4MHz	18607	QPSK	1	0	Low	0.009	0.15	-59.33	-43	PASS
Band2	1.4MHz	18607	QPSK	1	0	Low	0.15	30	-53.44	-33	PASS
Band2	1.4MHz	18607	QPSK	1	0	Low	30	1000	-38.13	-13	PASS
Band2	1.4MHz	18607	QPSK	1	0	Low	1000	20000	-30.91	-13	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	0.009	0.15	-59.55	-43	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	0.15	30	-54.23	-33	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	30	1000	-38.67	-13	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	1000	20000	-30.15	-13	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	0.009	0.15	-60.15	-43	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	0.15	30	-52.79	-33	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	30	1000	-38.7	-13	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	1000	20000	-30.69	-13	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	0.009	0.15	-56.8	-43	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	0.15	30	-55.98	-33	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	30	1000	-37.48	-13	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	1000	20000	-30.48	-13	PASS
Band2	1.4MHz	19193	QPSK	1	5	High	0.009	0.15	-57.34	-43	PASS
Band2	1.4MHz	19193	QPSK	1	5	High	0.15	30	-54.96	-33	PASS
Band2	1.4MHz	19193	QPSK	1	5	High	30	1000	-38.52	-13	PASS
Band2	1.4MHz	19193	QPSK	1	5	High	1000	20000	-30.5	-13	PASS
Band2	1.4MHz	19193	16QAM	1	5	High	0.009	0.15	-59.49	-43	PASS
Band2	1.4MHz	19193	16QAM	1	5	High	0.15	30	-51.17	-33	PASS
Band2	1.4MHz	19193	16QAM	1	5	High	30	1000	-38.76	-13	PASS
Band2	1.4MHz	19193	16QAM	1	5	High	1000	20000	-31.1	-13	PASS
Band2	3MHz	18615	QPSK	1	0	Low	0.009	0.15	-58.54	-43	PASS
Band2	3MHz	18615	QPSK	1	0	Low	0.15	30	-51.27	-33	PASS
Band2	3MHz	18615	QPSK	1	0	Low	30	1000	-38.15	-13	PASS
Band2	3MHz	18615	QPSK	1	0	Low	1000	20000	-30.08	-13	PASS
Band2	3MHz	18615	16QAM	1	0	Low	0.009	0.15	-59.27	-43	PASS
Band2	3MHz	18615	16QAM	1	0	Low	0.15	30	-54.66	-33	PASS
Band2	3MHz	18615	16QAM	1	0	Low	30	1000	-38.28	-13	PASS
Band2	3MHz	18615	16QAM	1	0	Low	1000	20000	-29.56	-13	PASS
Band2	3MHz	18900	QPSK	1	0	Low	0.009	0.15	-59.19	-43	PASS
Band2	3MHz	18900	QPSK	1	0	Low	0.15	30	-51.64	-33	PASS
Band2	3MHz	18900	QPSK	1	0	Low	30	1000	-38.58	-13	PASS
Band2	3MHz	18900	QPSK	1	0	Low	1000	20000	-30.51	-13	PASS
Band2	3MHz	18900	16QAM	1	0	Low	0.009	0.15	-57.33	-43	PASS
Band2	3MHz	18900	16QAM	1	0	Low	0.15	30	-52.61	-33	PASS
Band2	3MHz	18900	16QAM	1	0	Low	30	1000	-38.6	-13	PASS
Band2	3MHz	18900	16QAM	1	0	Low	1000	20000	-30.39	-13	PASS
Band2	3MHz	19185	QPSK	1	5	High	0.009	0.15	-59.13	-43	PASS
Band2	3MHz	19185	QPSK	1	5	High	0.15	30	-56.16	-33	PASS
Band2	3MHz	19185	QPSK	1	5	High	30	1000	-38.19	-13	PASS
Band2	3MHz	19185	QPSK	1	5	High	1000	20000	-30.2	-13	PASS
Band2	3MHz	19185	16QAM	1	5	High	0.009	0.15	-57.64	-43	PASS
Band2	3MHz	19185	16QAM	1	5	High	0.15	30	-51.63	-33	PASS
Band2	3MHz	19185	16QAM	1	5	High	30	1000	-38.15	-13	PASS



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Band2	3MHz	19185	16QAM	1	5	High	1000	20000	-30.22	-13	PASS
Band2	5MHz	18625	QPSK	1	0	Low	0.009	0.15	-59.08	-43	PASS
Band2	5MHz	18625	QPSK	1	0	Low	0.15	30	-53.78	-33	PASS
Band2	5MHz	18625	QPSK	1	0	Low	30	1000	-38.87	-13	PASS
Band2	5MHz	18625	QPSK	1	0	Low	1000	20000	-29.43	-13	PASS
Band2	5MHz	18625	16QAM	1	0	Low	0.009	0.15	-58.44	-43	PASS
Band2	5MHz	18625	16QAM	1	0	Low	0.15	30	-53.54	-33	PASS
Band2	5MHz	18625	16QAM	1	0	Low	30	1000	-37.88	-13	PASS
Band2	5MHz	18625	16QAM	1	0	Low	1000	20000	-30.04	-13	PASS
Band2	5MHz	18900	QPSK	1	0	Low	0.009	0.15	-59.86	-43	PASS
Band2	5MHz	18900	QPSK	1	0	Low	0.15	30	-55.55	-33	PASS
Band2	5MHz	18900	QPSK	1	0	Low	30	1000	-38.29	-13	PASS
Band2	5MHz	18900	QPSK	1	0	Low	1000	20000	-30.87	-13	PASS
Band2	5MHz	18900	16QAM	1	0	Low	0.009	0.15	-57.57	-43	PASS
Band2	5MHz	18900	16QAM	1	0	Low	0.15	30	-54.89	-33	PASS
Band2	5MHz	18900	16QAM	1	0	Low	30	1000	-39.14	-13	PASS
Band2	5MHz	18900	16QAM	1	0	Low	1000	20000	-30.16	-13	PASS
Band2	5MHz	19175	QPSK	1	5	High	0.009	0.15	-58.61	-43	PASS
Band2	5MHz	19175	QPSK	1	5	High	0.15	30	-52.1	-33	PASS
Band2	5MHz	19175	QPSK	1	5	High	30	1000	-38.95	-13	PASS
Band2	5MHz	19175	QPSK	1	5	High	1000	20000	-29.95	-13	PASS
Band2	5MHz	19175	16QAM	1	5	High	0.009	0.15	-56.34	-43	PASS
Band2	5MHz	19175	16QAM	1	5	High	0.15	30	-52.29	-33	PASS
Band2	5MHz	19175	16QAM	1	5	High	30	1000	-38.74	-13	PASS
Band2	5MHz	19175	16QAM	1	5	High	1000	20000	-29.91	-13	PASS
Band2	10MHz	18650	QPSK	1	0	Low	0.009	0.15	-59.05	-43	PASS
Band2	10MHz	18650	QPSK	1	0	Low	0.15	30	-53.68	-33	PASS
Band2	10MHz	18650	QPSK	1	0	Low	30	1000	-37.92	-13	PASS
Band2	10MHz	18650	QPSK	1	0	Low	1000	20000	-30.6	-13	PASS
Band2	10MHz	18650	16QAM	1	0	Low	0.009	0.15	-59.05	-43	PASS
Band2	10MHz	18650	16QAM	1	0	Low	0.15	30	-55.25	-33	PASS
Band2	10MHz	18650	16QAM	1	0	Low	30	1000	-38.77	-13	PASS
Band2	10MHz	18650	16QAM	1	0	Low	1000	20000	-30.9	-13	PASS
Band2	10MHz	18900	QPSK	1	0	Low	0.009	0.15	-59.27	-43	PASS
Band2	10MHz	18900	QPSK	1	0	Low	0.15	30	-54.07	-33	PASS
Band2	10MHz	18900	QPSK	1	0	Low	30	1000	-38.87	-13	PASS
Band2	10MHz	18900	QPSK	1	0	Low	1000	20000	-29.23	-13	PASS
Band2	10MHz	18900	16QAM	1	0	Low	0.009	0.15	-56.43	-43	PASS
Band2	10MHz	18900	16QAM	1	0	Low	0.15	30	-51.47	-33	PASS
Band2	10MHz	18900	16QAM	1	0	Low	30	1000	-38.64	-13	PASS
Band2	10MHz	18900	16QAM	1	0	Low	1000	20000	-30.74	-13	PASS
Band2	10MHz	19150	QPSK	1	5	High	0.009	0.15	-58.22	-43	PASS
Band2	10MHz	19150	QPSK	1	5	High	0.15	30	-55.61	-33	PASS
Band2	10MHz	19150	QPSK	1	5	High	30	1000	-38.88	-13	PASS
Band2	10MHz	19150	QPSK	1	5	High	1000	20000	-30.06	-13	PASS
Band2	10MHz	19150	16QAM	1	5	High	0.009	0.15	-56.38	-43	PASS
Band2	10MHz	19150	16QAM	1	5	High	0.15	30	-55.03	-33	PASS
Band2	10MHz	19150	16QAM	1	5	High	30	1000	-38.94	-13	PASS
Band2	10MHz	19150	16QAM	1	5	High	1000	20000	-29.91	-13	PASS
Band2	15MHz	18675	QPSK	1	0	Low	0.009	0.15	-59.12	-43	PASS
Band2	15MHz	18675	QPSK	1	0	Low	0.15	30	-52.55	-33	PASS
Band2	15MHz	18675	QPSK	1	0	Low	30	1000	-38.72	-13	PASS
Band2	15MHz	18675	QPSK	1	0	Low	1000	20000	-30.57	-13	PASS
Band2	15MHz	18675	16QAM	1	0	Low	0.009	0.15	-56.99	-43	PASS
Band2	15MHz	18675	16QAM	1	0	Low	0.15	30	-53.72	-33	PASS



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Band2	15MHz	18675	16QAM	1	0	Low	30	1000	-38.34	-13	PASS
Band2	15MHz	18675	16QAM	1	0	Low	1000	20000	-30.99	-13	PASS
Band2	15MHz	18900	QPSK	1	0	Low	0.009	0.15	-58.42	-43	PASS
Band2	15MHz	18900	QPSK	1	0	Low	0.15	30	-53.25	-33	PASS
Band2	15MHz	18900	QPSK	1	0	Low	30	1000	-38.71	-13	PASS
Band2	15MHz	18900	QPSK	1	0	Low	1000	20000	-30.11	-13	PASS
Band2	15MHz	18900	16QAM	1	0	Low	0.009	0.15	-55.68	-43	PASS
Band2	15MHz	18900	16QAM	1	0	Low	0.15	30	-51.94	-33	PASS
Band2	15MHz	18900	16QAM	1	0	Low	30	1000	-38.56	-13	PASS
Band2	15MHz	18900	16QAM	1	0	Low	1000	20000	-30.61	-13	PASS
Band2	15MHz	19125	QPSK	1	5	High	0.009	0.15	-57.5	-43	PASS
Band2	15MHz	19125	QPSK	1	5	High	0.15	30	-54.51	-33	PASS
Band2	15MHz	19125	QPSK	1	5	High	30	1000	-38.81	-13	PASS
Band2	15MHz	19125	QPSK	1	5	High	1000	20000	-29.26	-13	PASS
Band2	15MHz	19125	16QAM	1	5	High	0.009	0.15	-55.45	-43	PASS
Band2	15MHz	19125	16QAM	1	5	High	0.15	30	-53.35	-33	PASS
Band2	15MHz	19125	16QAM	1	5	High	30	1000	-38.77	-13	PASS
Band2	15MHz	19125	16QAM	1	5	High	1000	20000	-30.19	-13	PASS
Band2	20MHz	18700	QPSK	1	0	Low	0.009	0.15	-58.8	-43	PASS
Band2	20MHz	18700	QPSK	1	0	Low	0.15	30	-54.48	-33	PASS
Band2	20MHz	18700	QPSK	1	0	Low	30	1000	-38.73	-13	PASS
Band2	20MHz	18700	QPSK	1	0	Low	1000	20000	-31.1	-13	PASS
Band2	20MHz	18700	16QAM	1	0	Low	0.009	0.15	-58.21	-43	PASS
Band2	20MHz	18700	16QAM	1	0	Low	0.15	30	-53.26	-33	PASS
Band2	20MHz	18700	16QAM	1	0	Low	30	1000	-38.52	-13	PASS
Band2	20MHz	18700	16QAM	1	0	Low	1000	20000	-30.22	-13	PASS
Band2	20MHz	18900	QPSK	1	0	Low	0.009	0.15	-59.26	-43	PASS
Band2	20MHz	18900	QPSK	1	0	Low	0.15	30	-56.29	-33	PASS
Band2	20MHz	18900	QPSK	1	0	Low	30	1000	-38.29	-13	PASS
Band2	20MHz	18900	QPSK	1	0	Low	1000	20000	-30.16	-13	PASS
Band2	20MHz	18900	16QAM	1	0	Low	0.009	0.15	-57.09	-43	PASS
Band2	20MHz	18900	16QAM	1	0	Low	0.15	30	-56.22	-33	PASS
Band2	20MHz	18900	16QAM	1	0	Low	30	1000	-38.42	-13	PASS
Band2	20MHz	18900	16QAM	1	0	Low	1000	20000	-30.26	-13	PASS
Band2	20MHz	19100	QPSK	1	5	High	0.009	0.15	-57.19	-43	PASS
Band2	20MHz	19100	QPSK	1	5	High	0.15	30	-53.6	-33	PASS
Band2	20MHz	19100	QPSK	1	5	High	30	1000	-38.62	-13	PASS
Band2	20MHz	19100	QPSK	1	5	High	1000	20000	-30.85	-13	PASS
Band2	20MHz	19100	16QAM	1	5	High	0.009	0.15	-58.34	-43	PASS
Band2	20MHz	19100	16QAM	1	5	High	0.15	30	-54.76	-33	PASS
Band2	20MHz	19100	16QAM	1	5	High	30	1000	-38.59	-13	PASS
Band2	20MHz	19100	16QAM	1	5	High	1000	20000	-30.55	-13	PASS

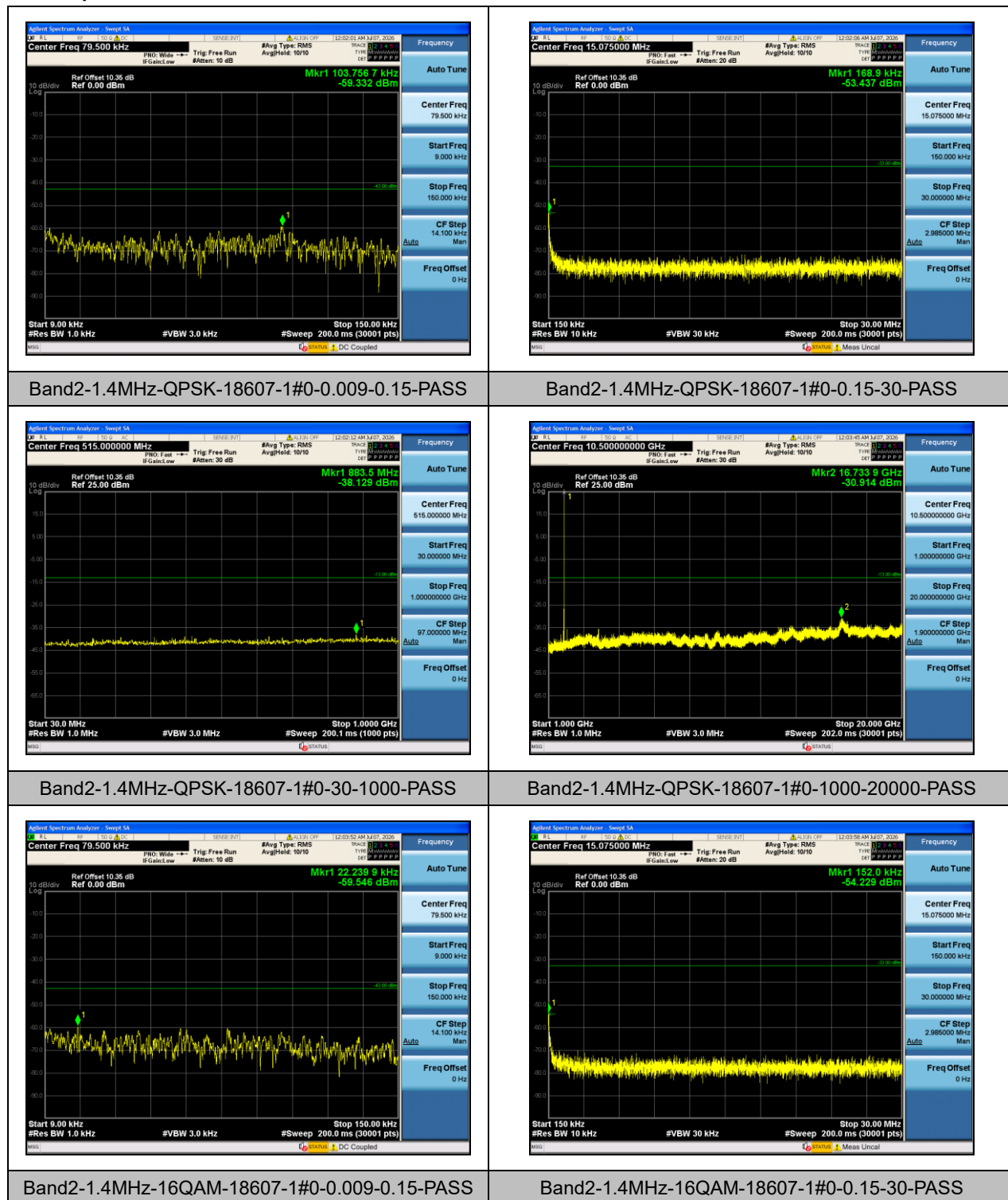


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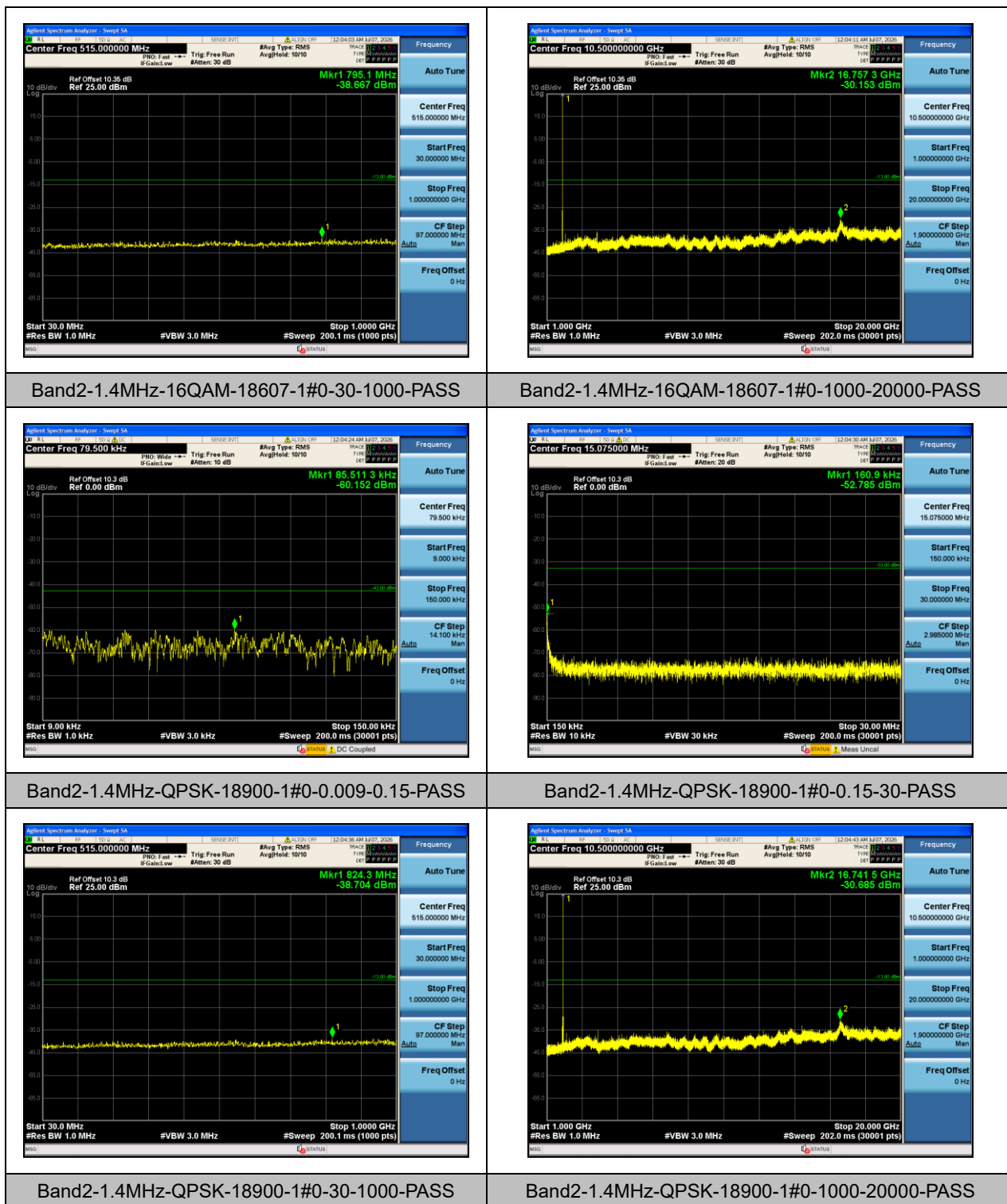
Test Graphs



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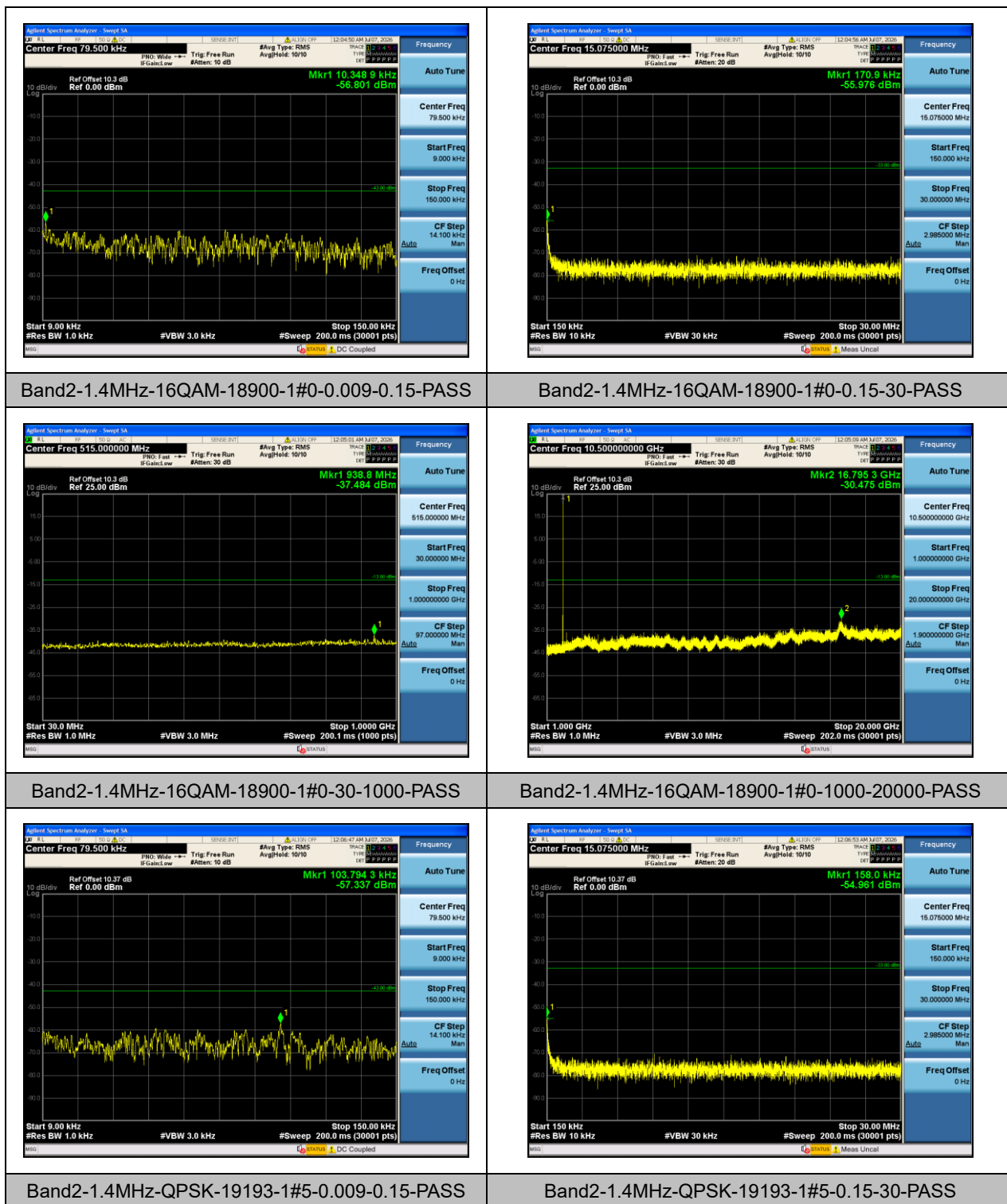


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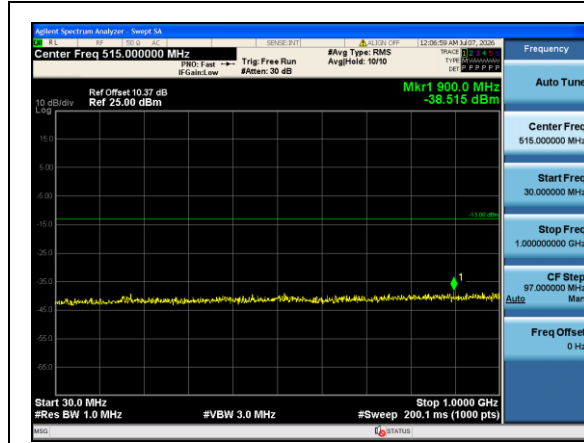
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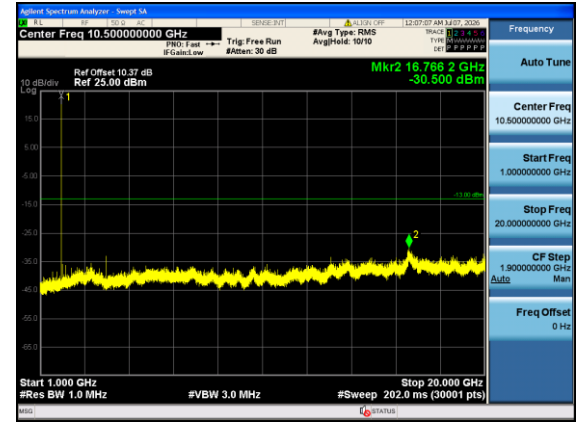
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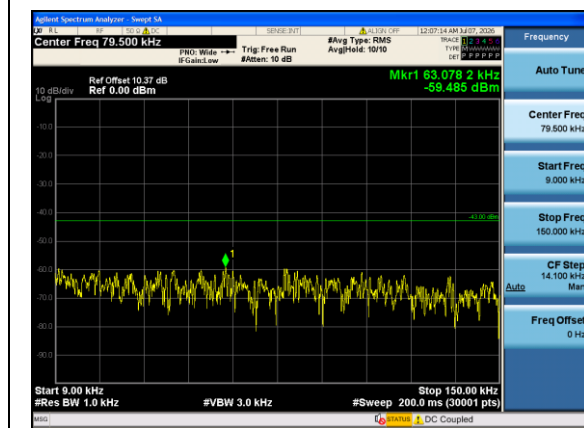
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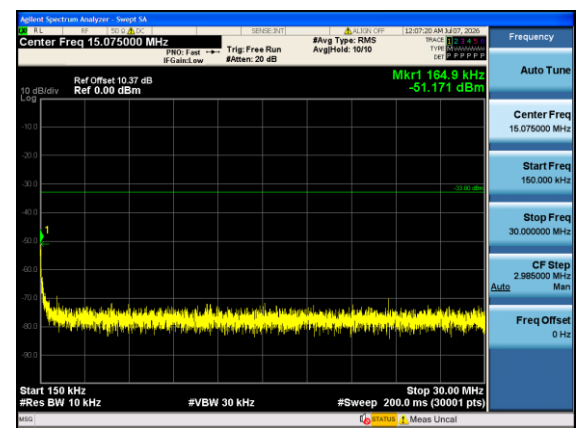
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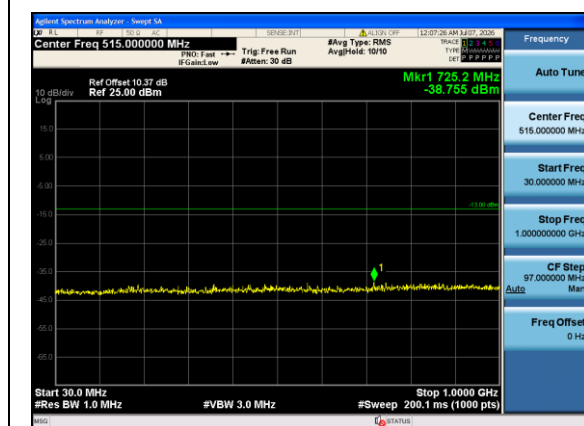
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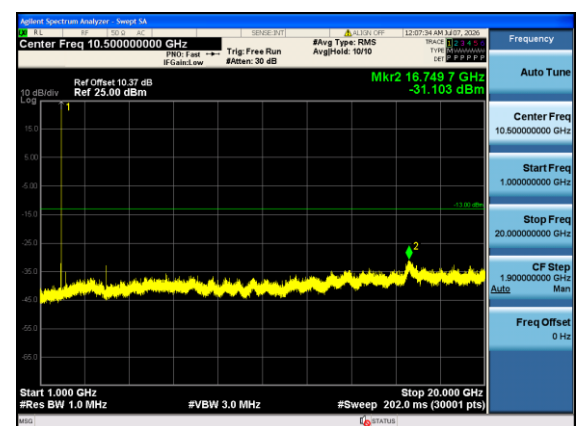
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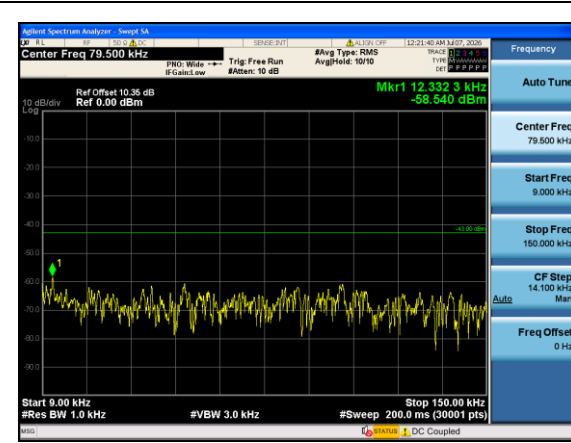


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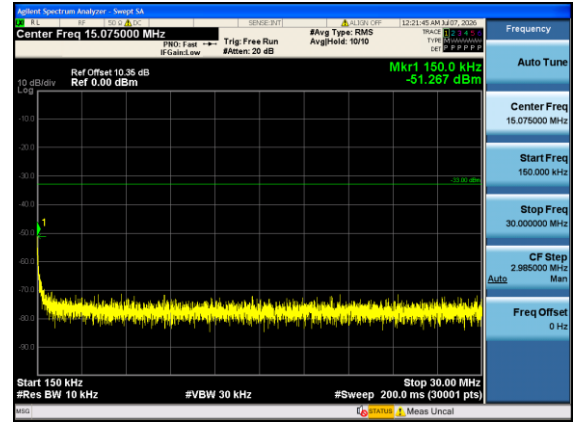
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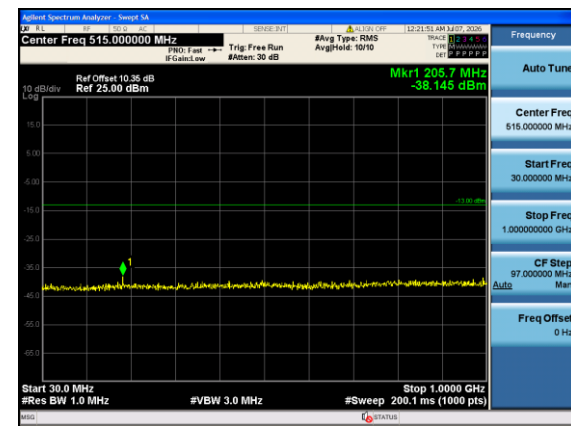
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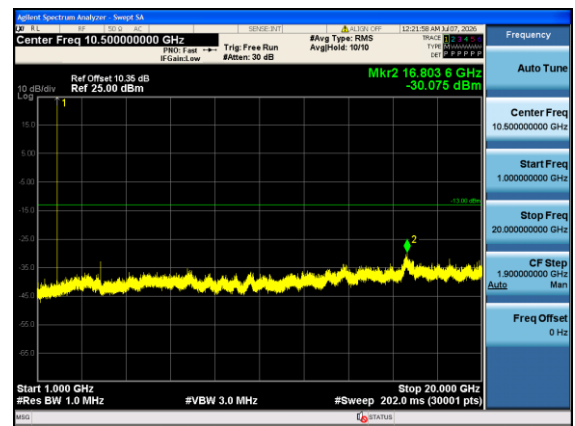
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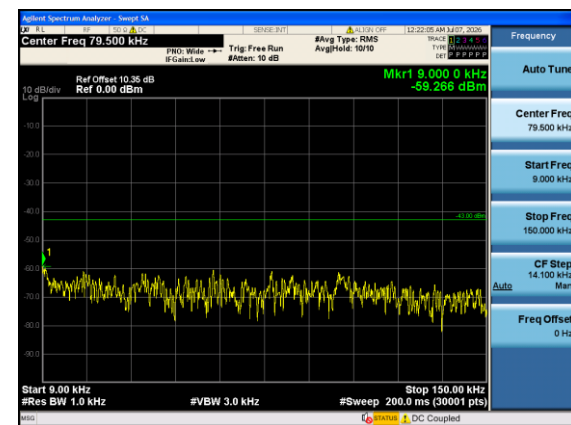
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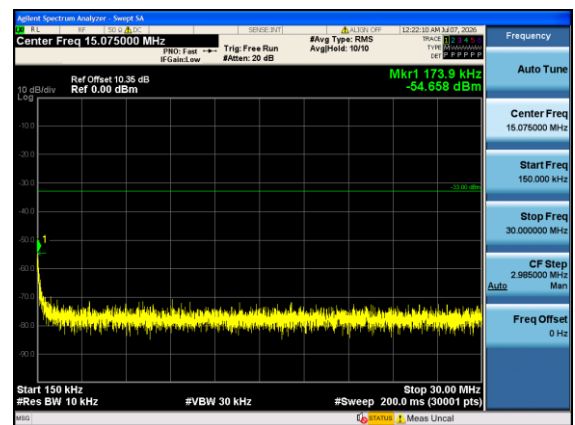
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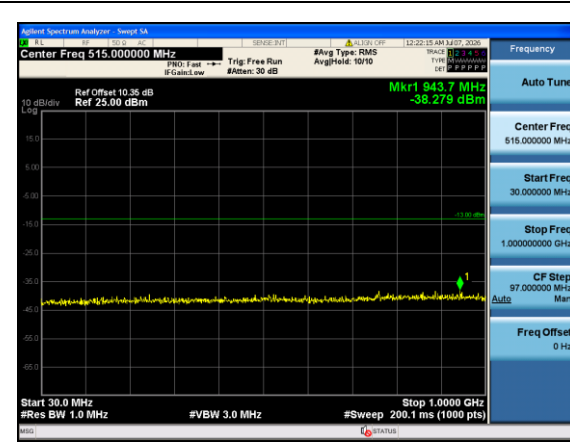
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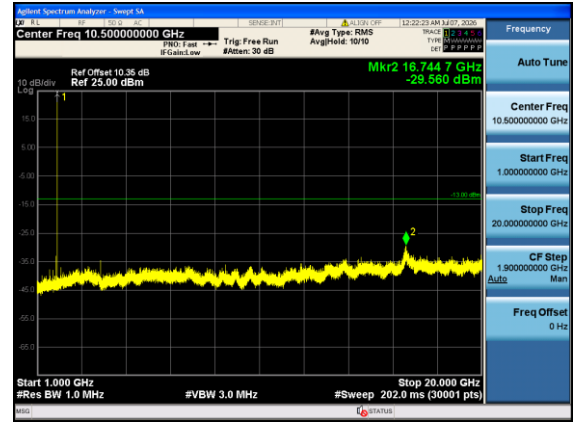
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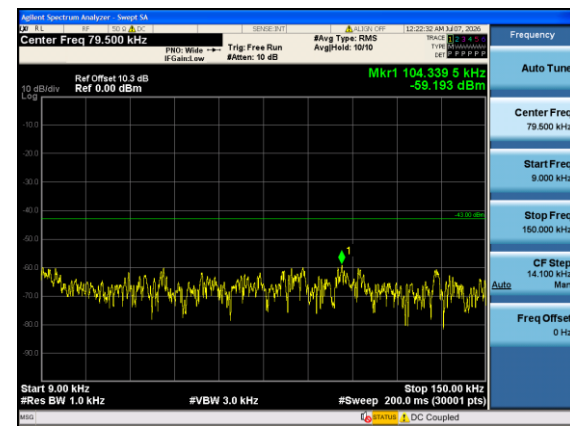
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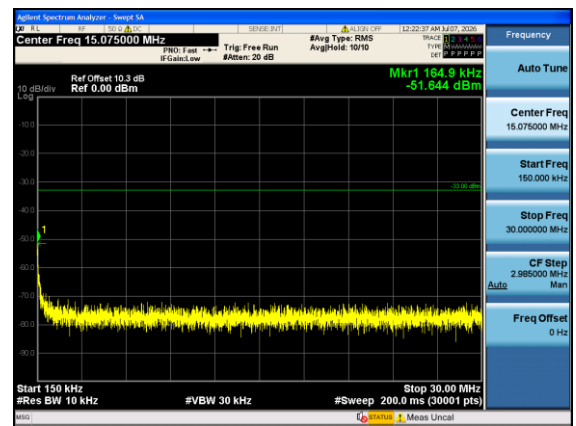
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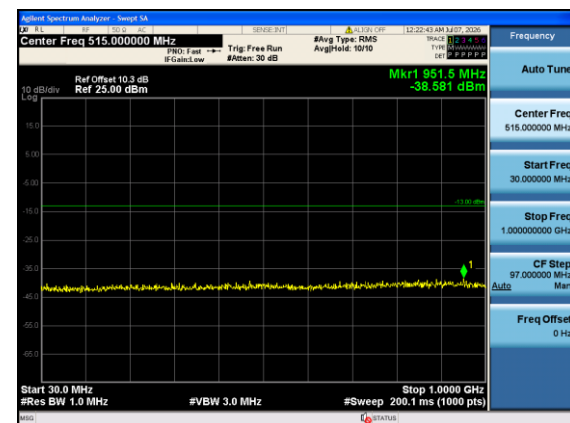
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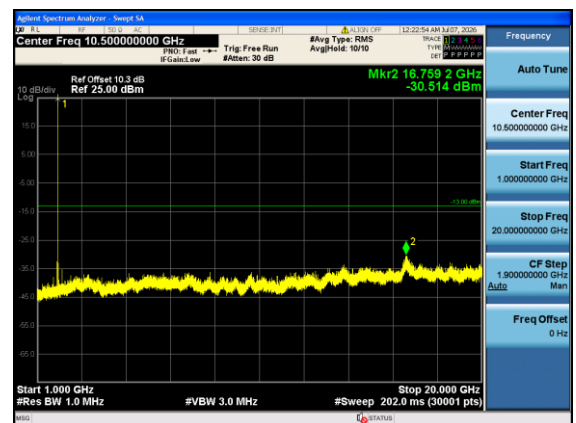
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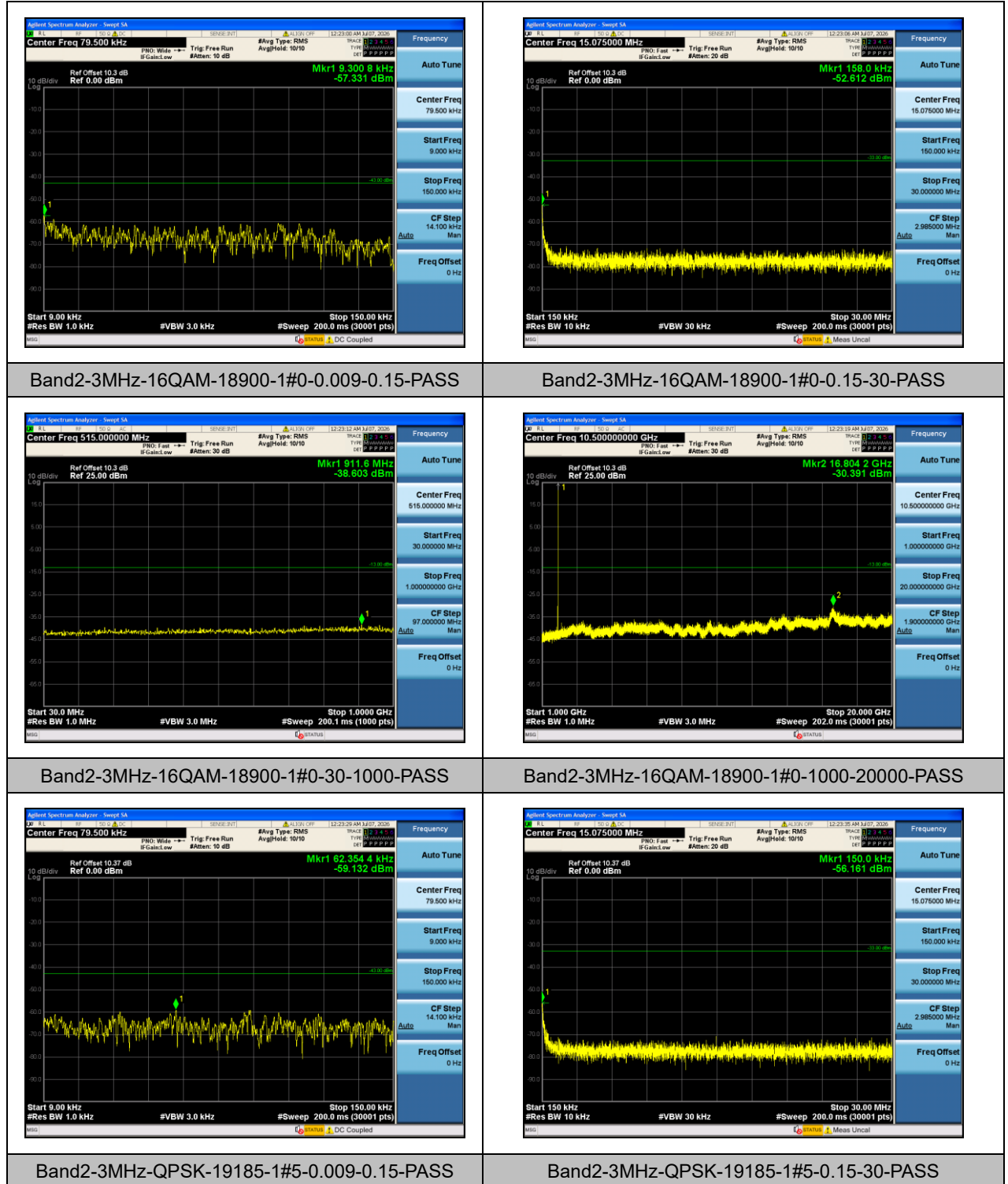


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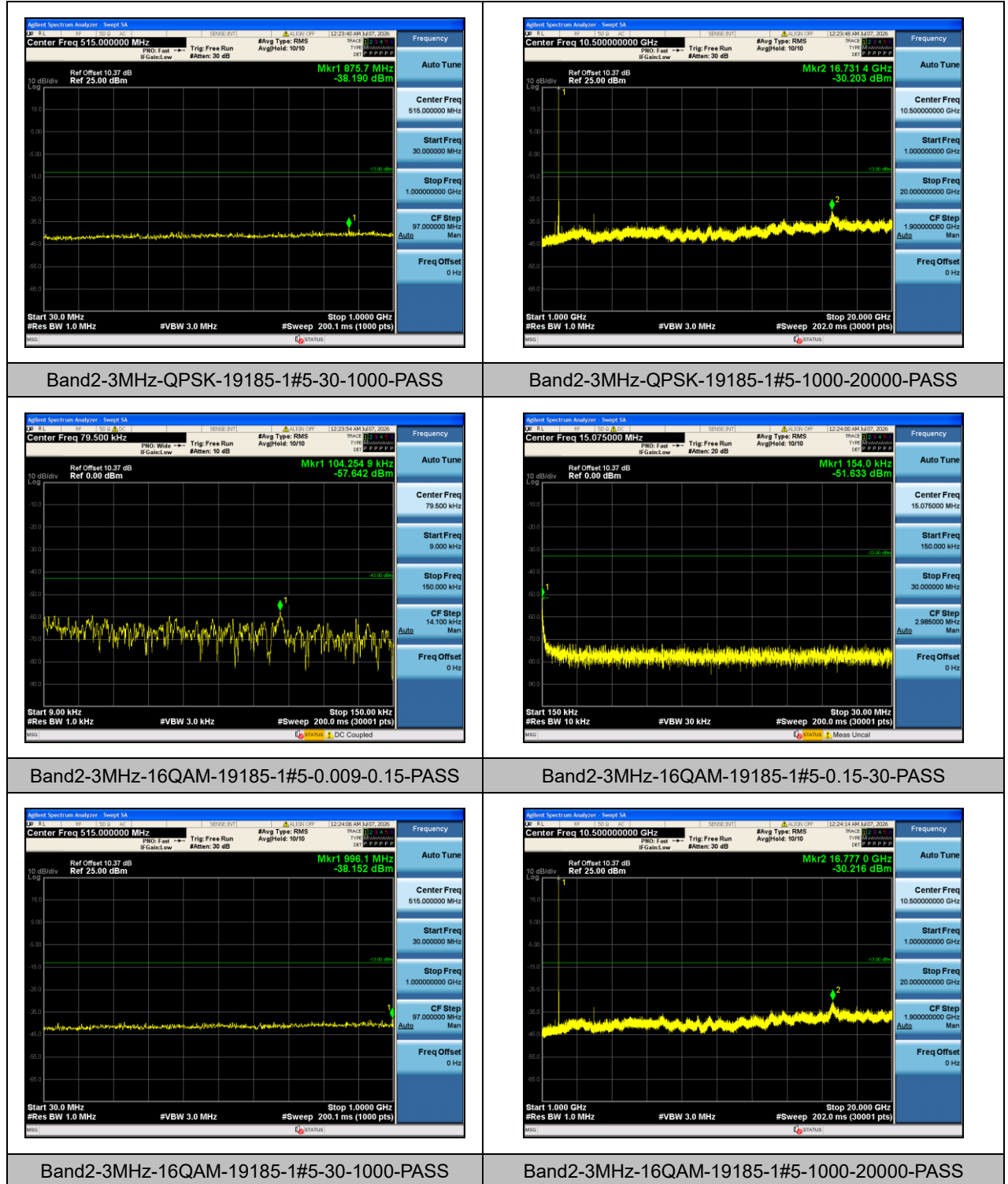
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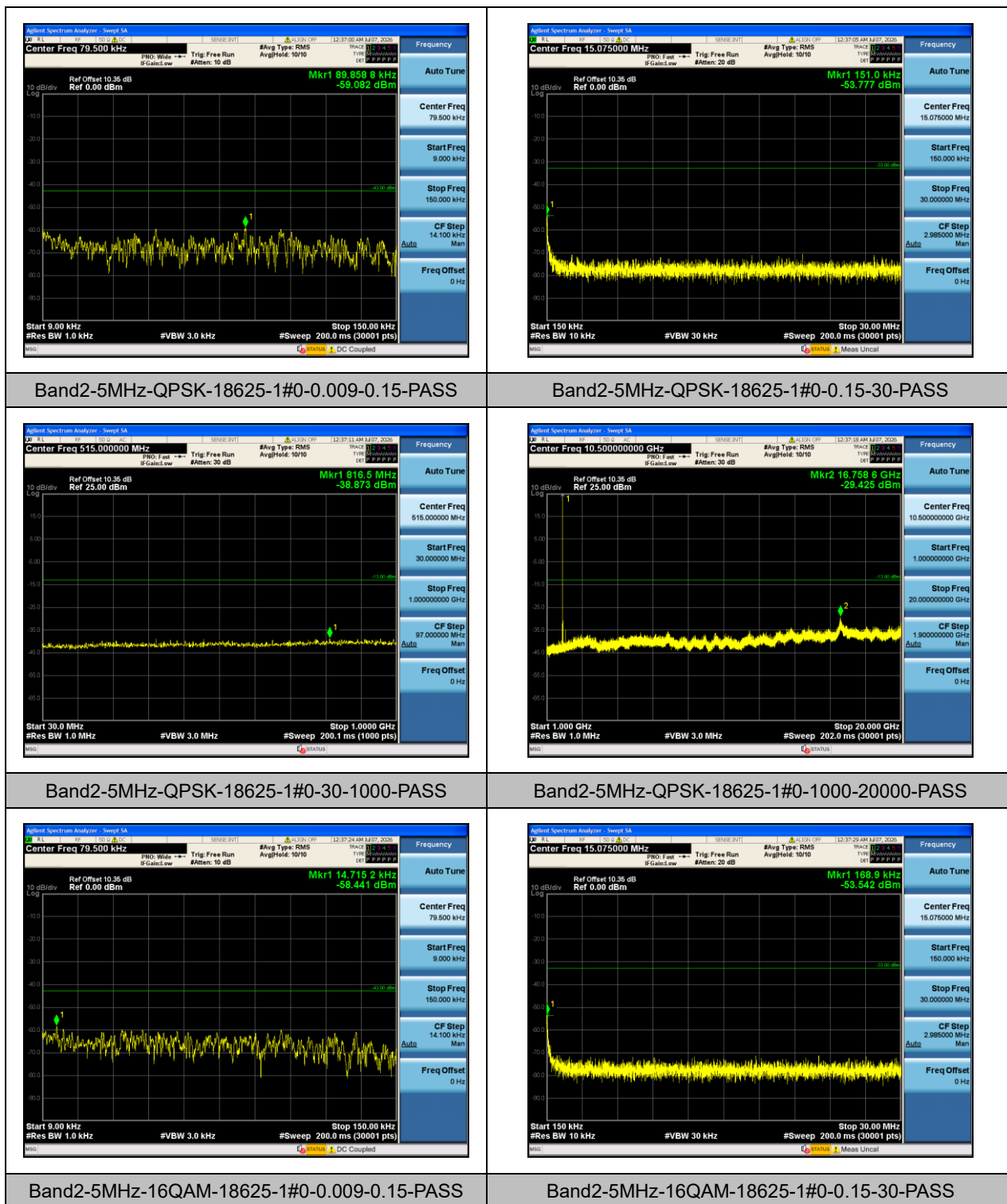


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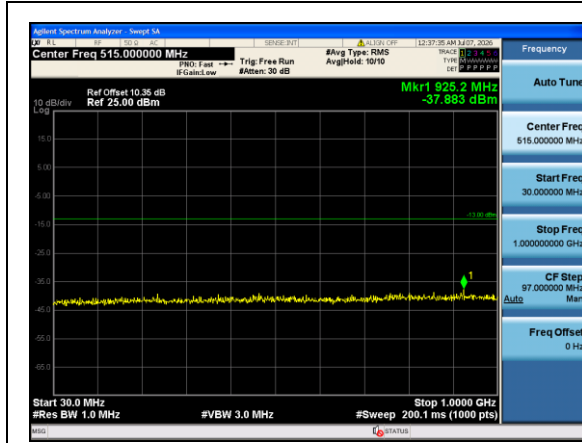
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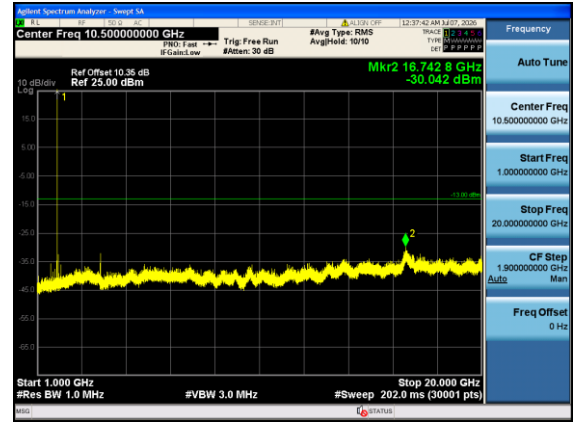
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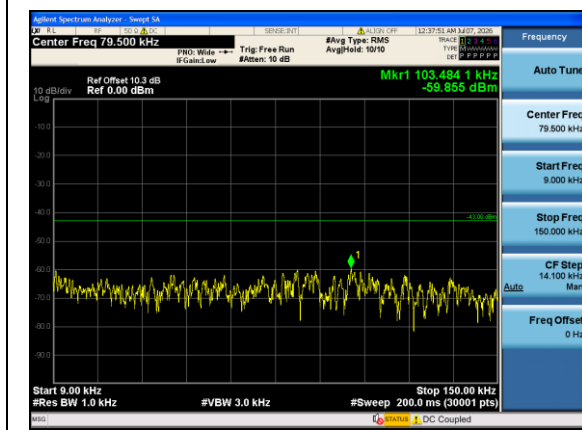
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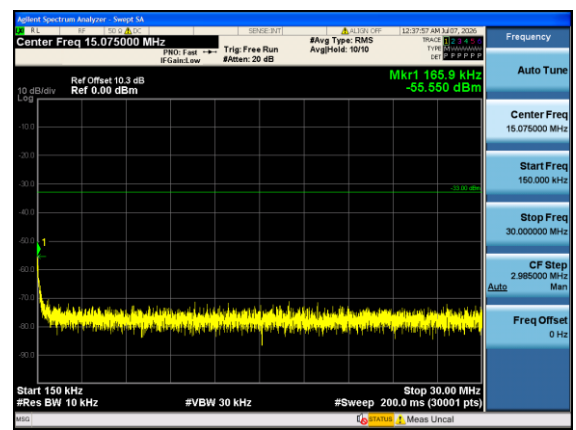
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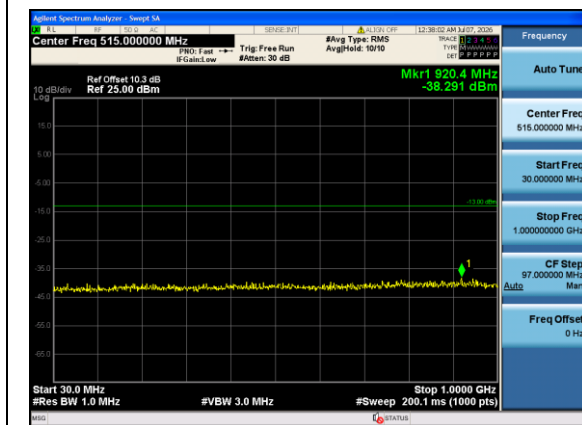
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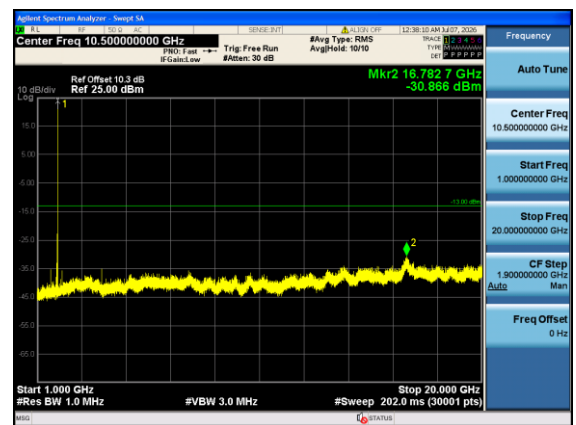
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