

Appendix E: 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	-61.85	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-62.44	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-52.74	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-40.83	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-52.86	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-62.83	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-61.18	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-53.72	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-42.84	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-52.93	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-61.00	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-61.82	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-52.89	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-38.99	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-52.85	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-59.78	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-61.16	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-53.08	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-39.46	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-52.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-61.27	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-62.07	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-51.65	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-39.32	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-52.82	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-58.16	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-63.28	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-53.24	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-39.01	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-52.63	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-61.44	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-61.78	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-61.85	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-39.82	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-52.87	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-60.14	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-59.44	PASS

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Band5	3MHz	16QAM	20415	1RB#0	30~1000	-61.87	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-41.13	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-52.48	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-60.64	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-60.54	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-60.81	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-40.23	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-52.90	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-61.31	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-61.53	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-60.90	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-40.74	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-53.00	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-60.96	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-60.00	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-60.05	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-38.69	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-52.77	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-60.37	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-61.42	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-60.98	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-40.06	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-52.93	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-63.19	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-60.89	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-65.64	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-41.88	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-52.73	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-60.70	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-61.22	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-66.17	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-41.51	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-52.84	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-61.00	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-62.22	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-64.98	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-42.16	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-52.85	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-62.39	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-62.53	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-65.33	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-39.63	PASS

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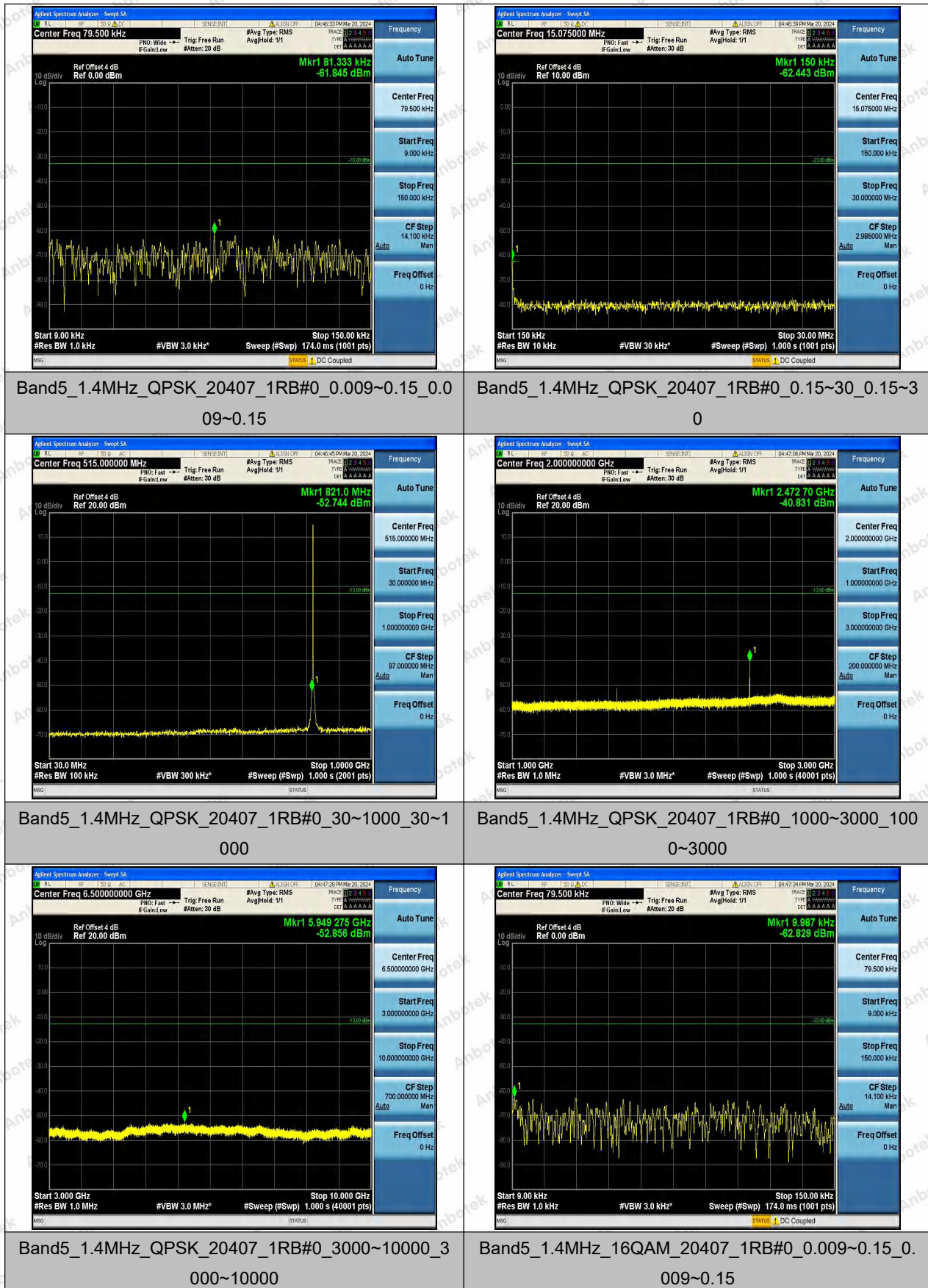
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Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-52.63	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-61.51	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-61.51	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-65.79	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-39.28	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-52.90	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-57.62	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-61.59	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-65.74	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-43.08	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-52.86	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-65.58	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-63.88	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-70.36	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-43.58	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-56.25	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-63.65	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-64.31	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-70.12	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-46.01	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-56.31	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-65.26	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-64.08	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-70.21	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-45.46	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-56.30	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-64.89	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-63.47	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-70.14	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-47.50	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-55.74	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-64.05	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-65.69	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-69.43	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-41.25	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-56.05	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-64.33	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-65.38	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-70.10	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-42.11	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-56.42	PASS



Test Graphs



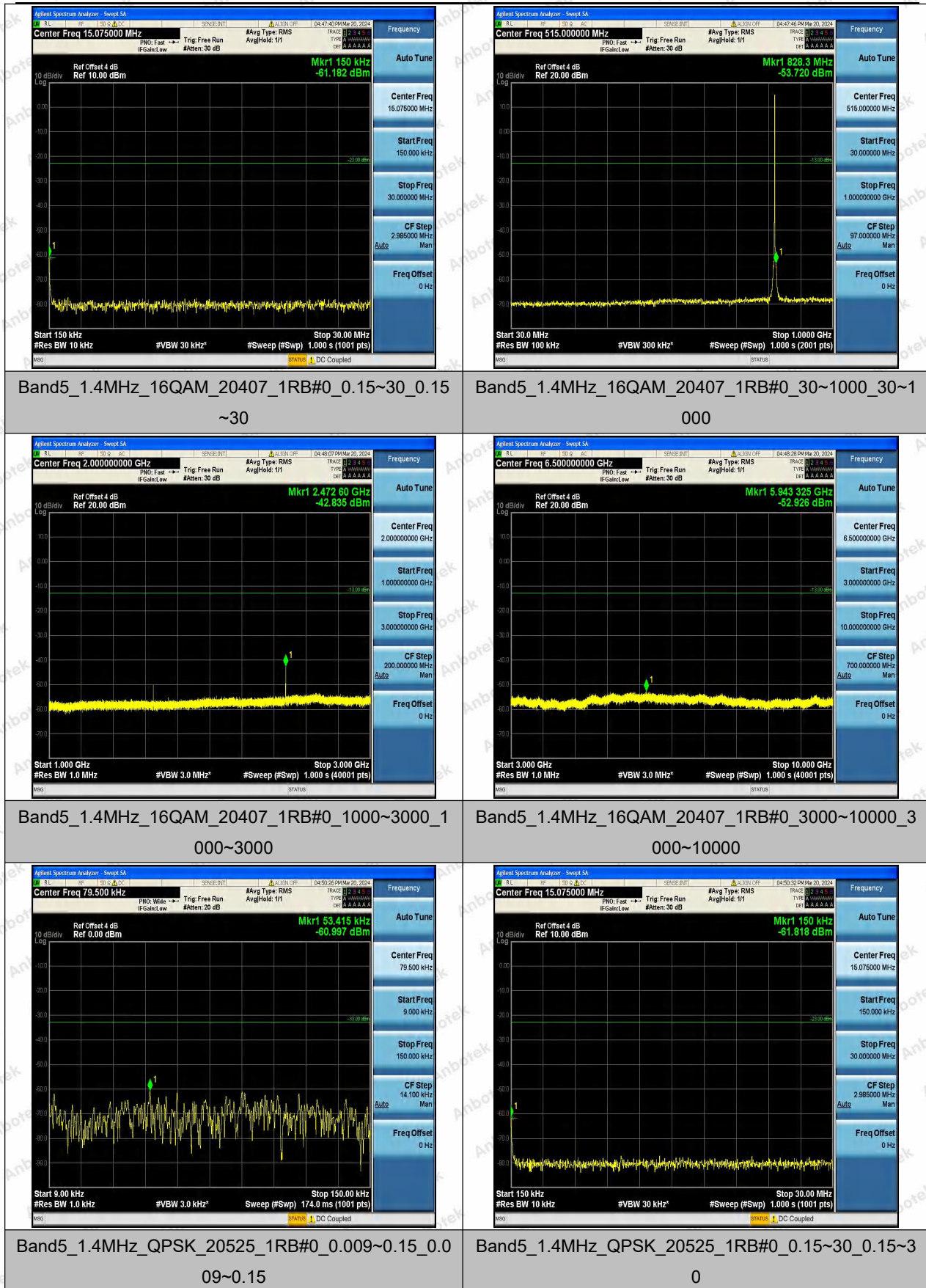
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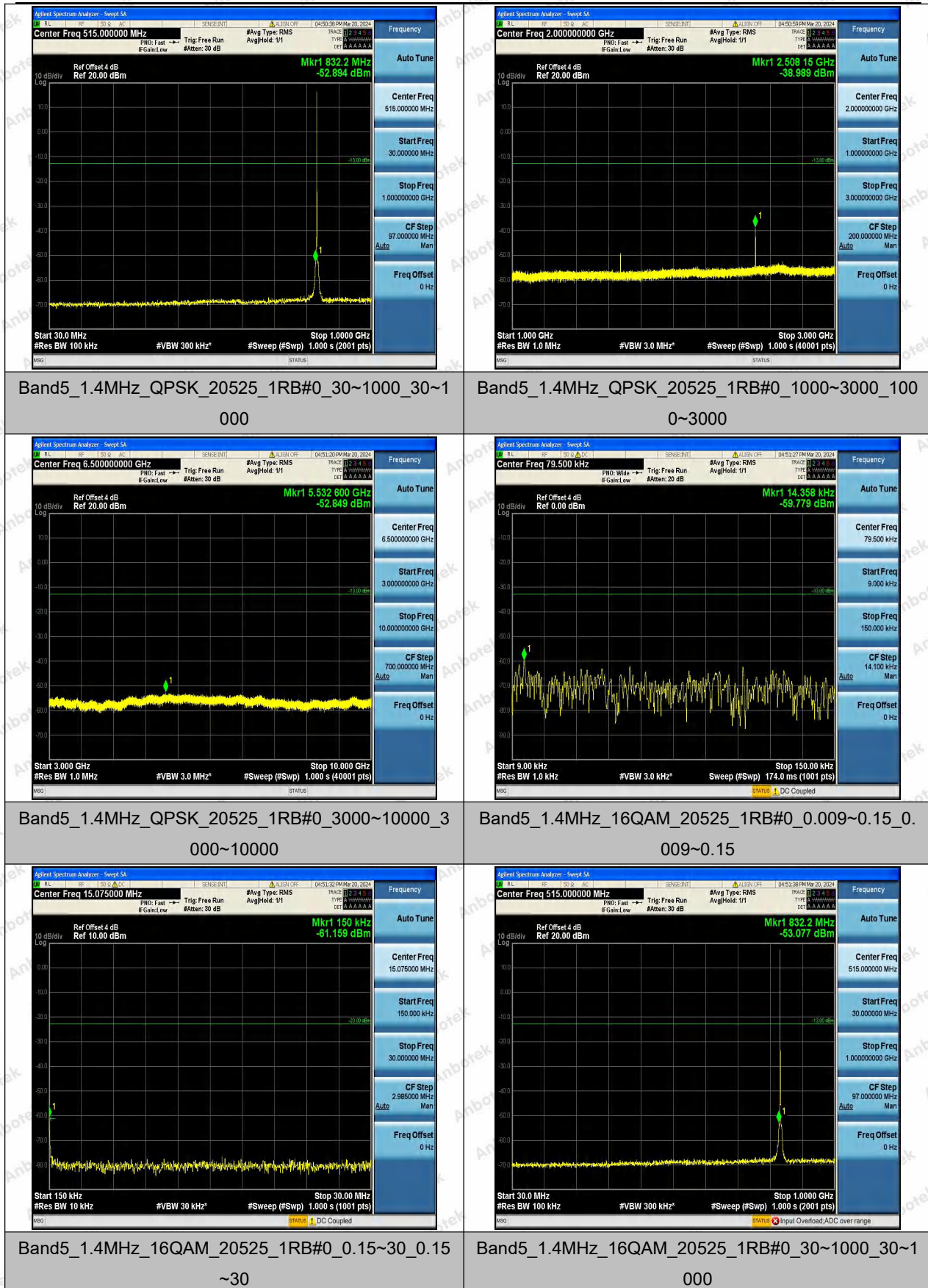
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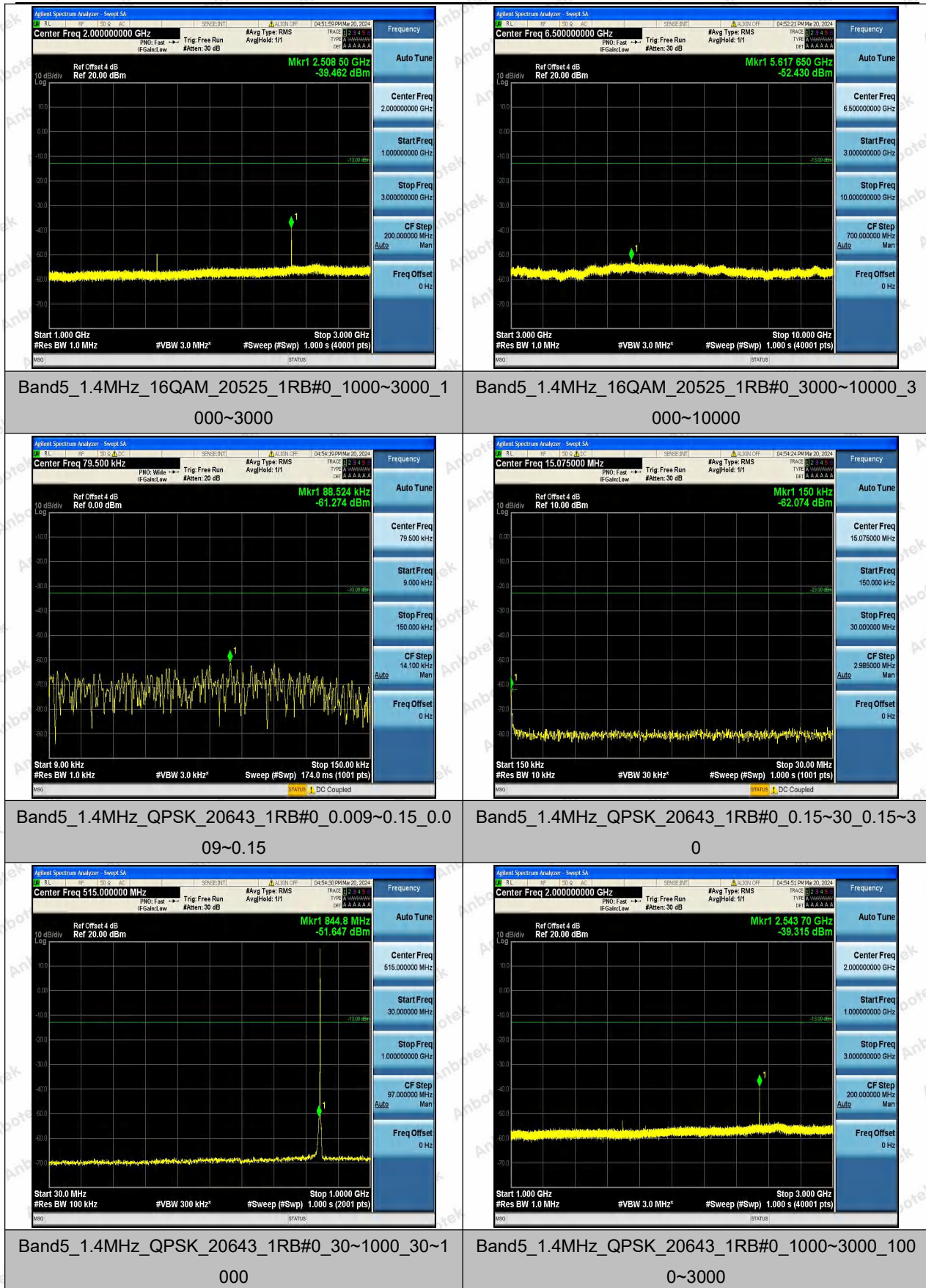
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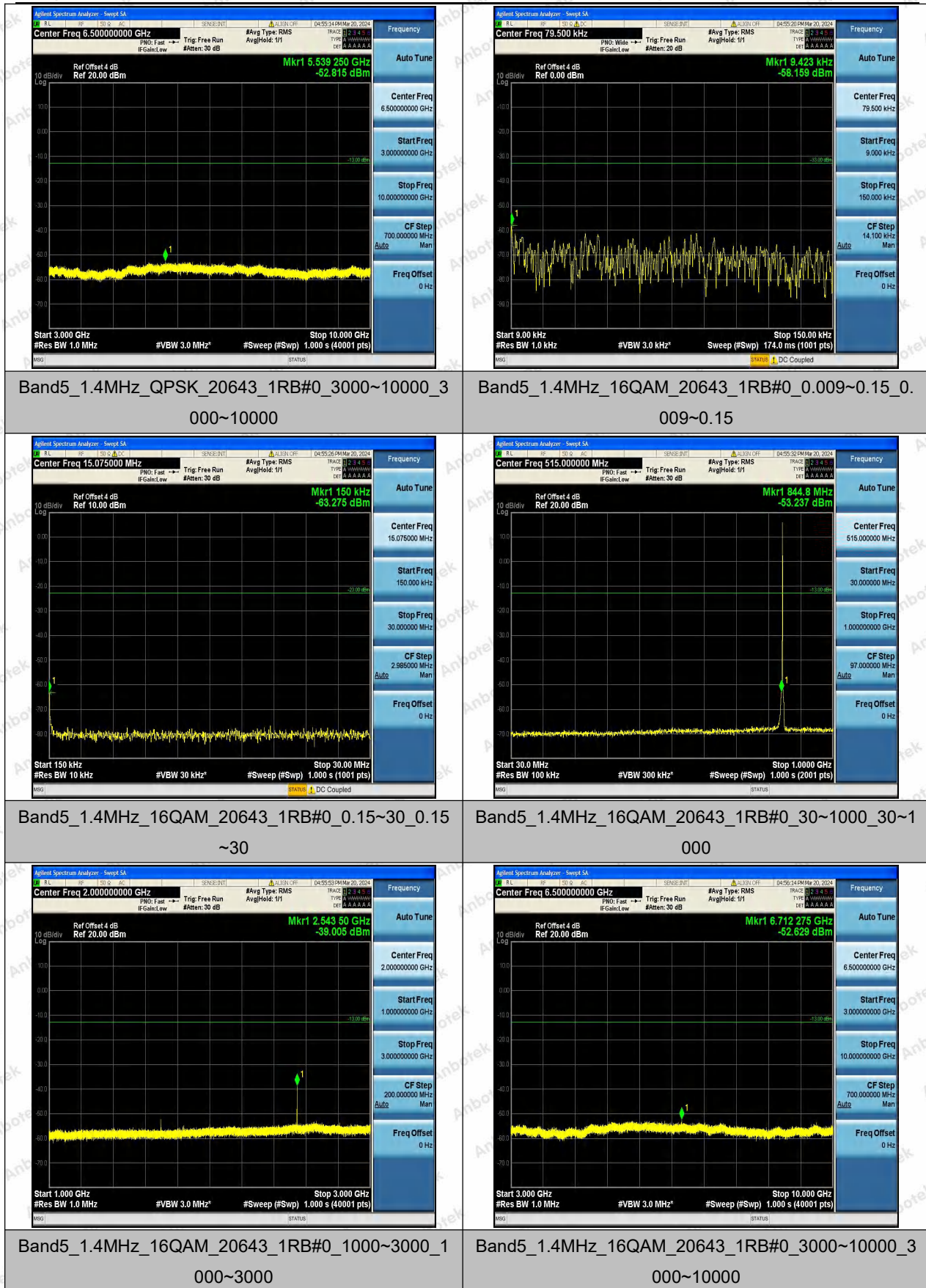
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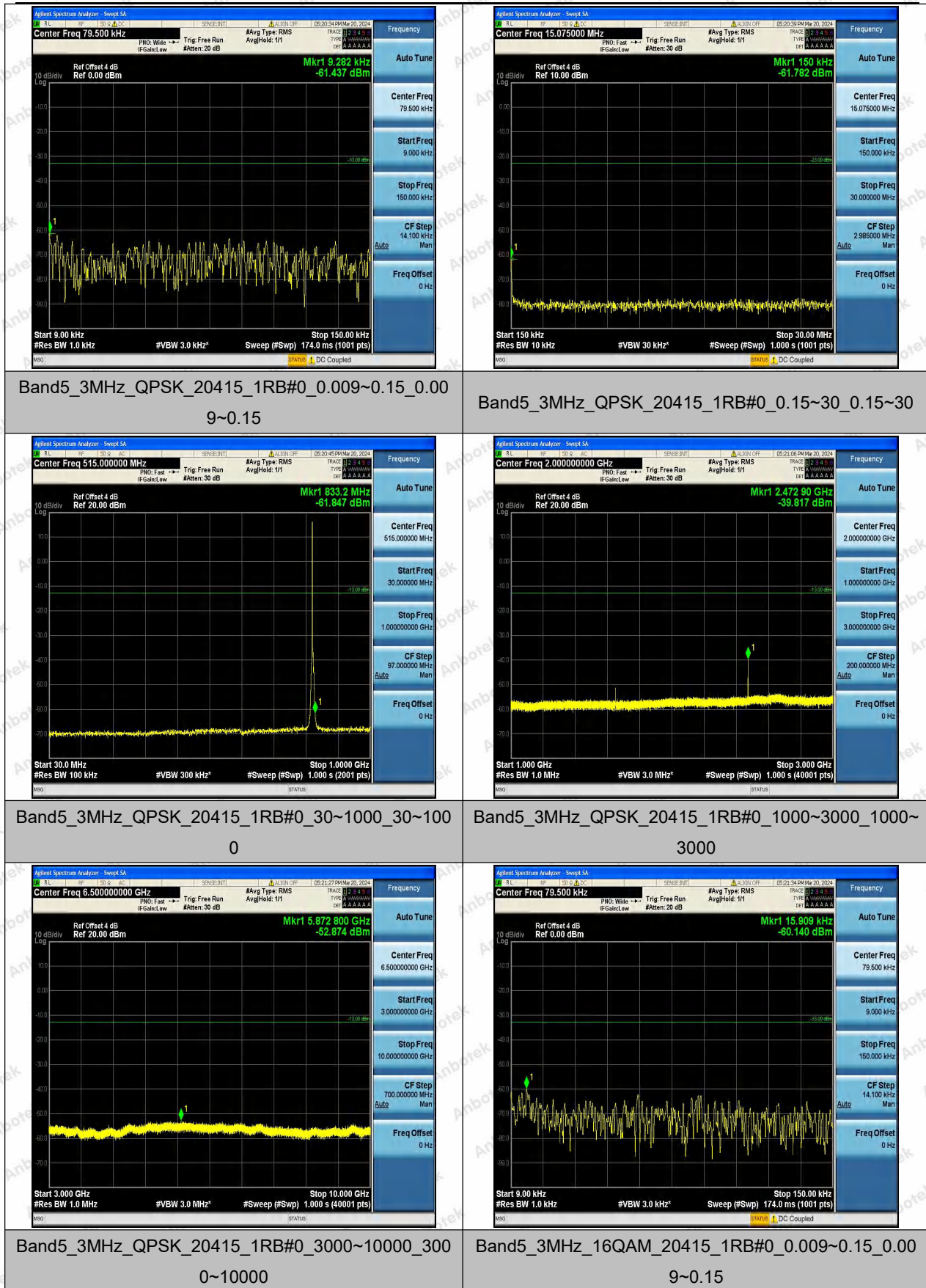
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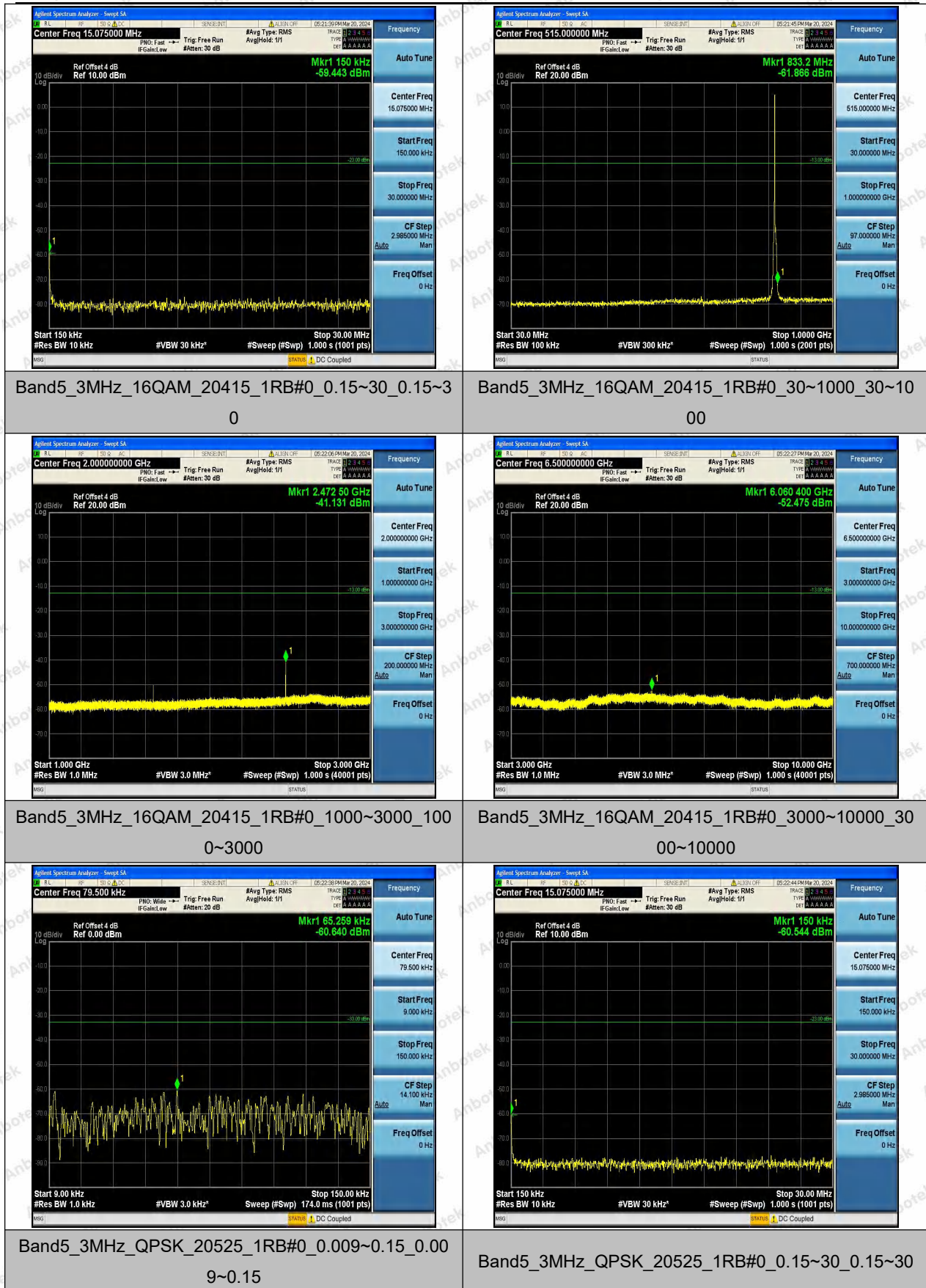
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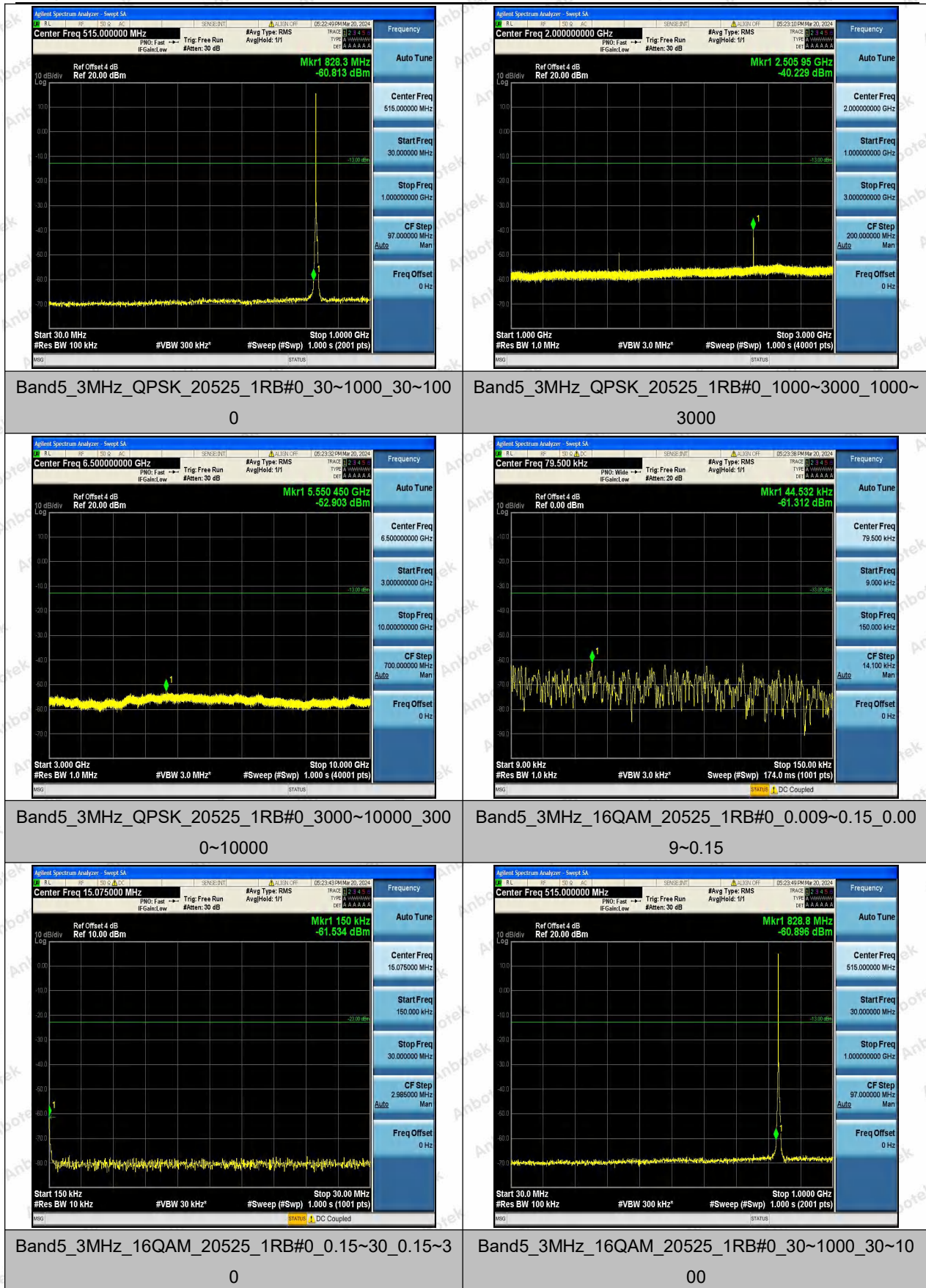
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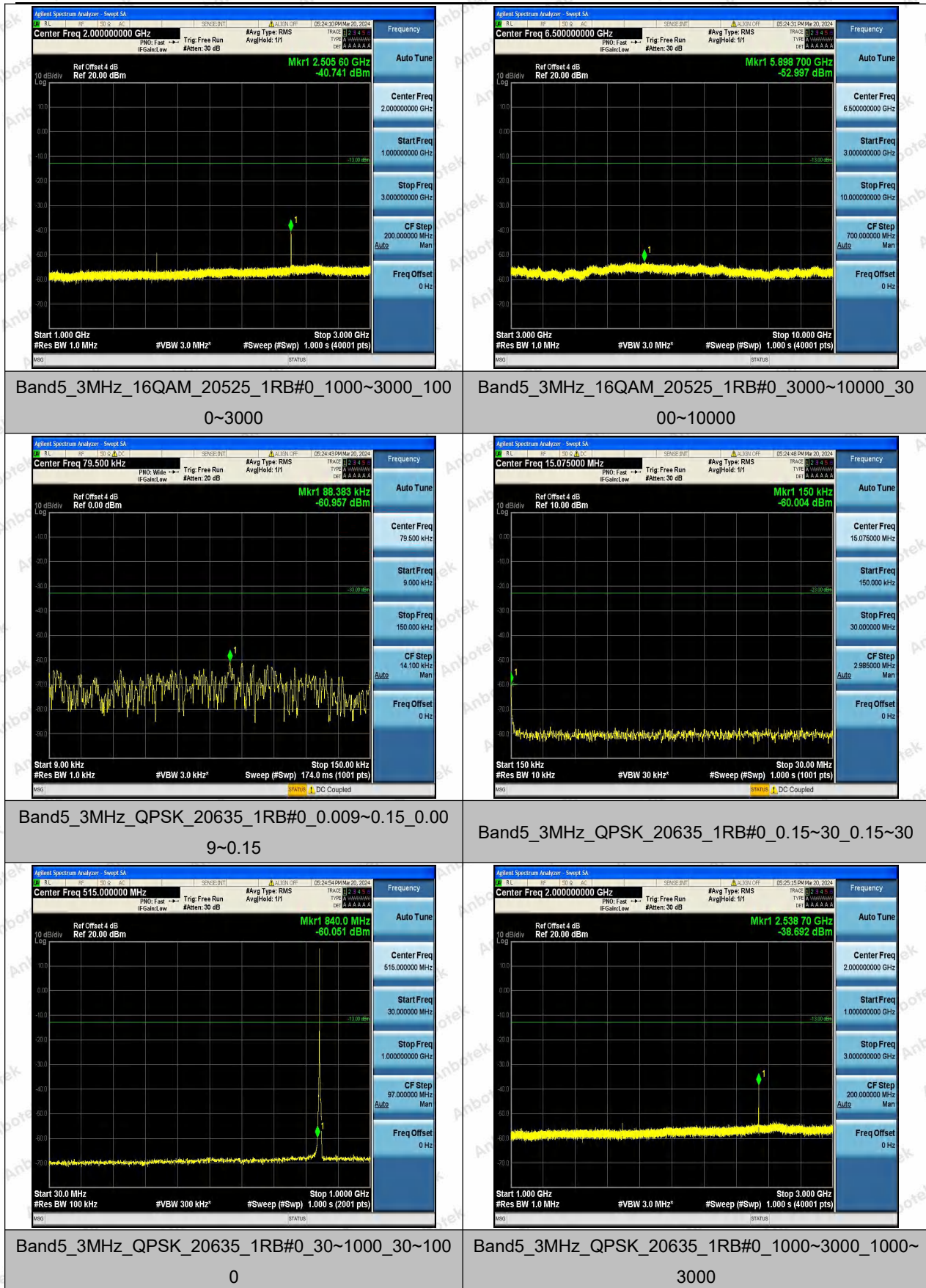


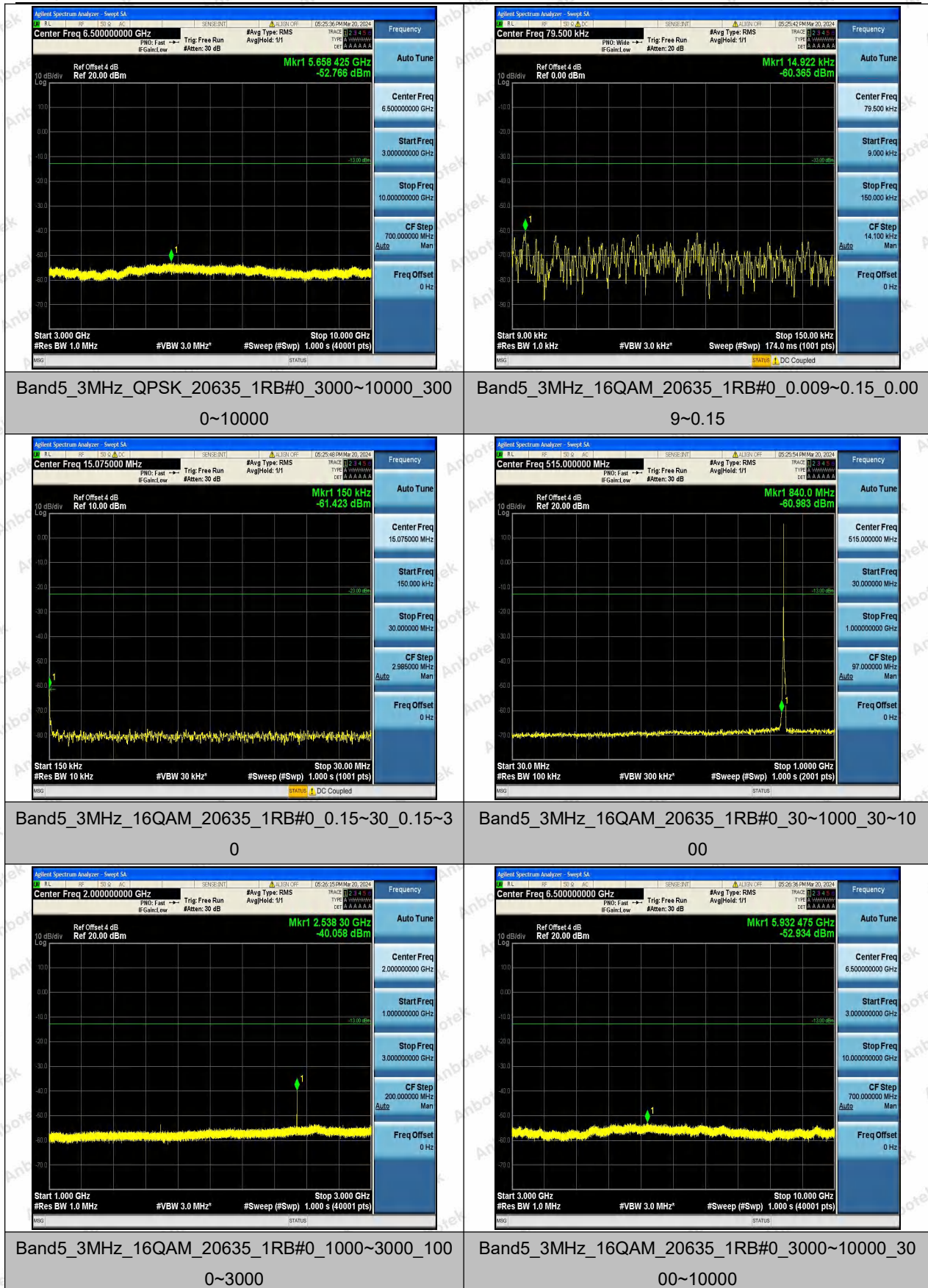
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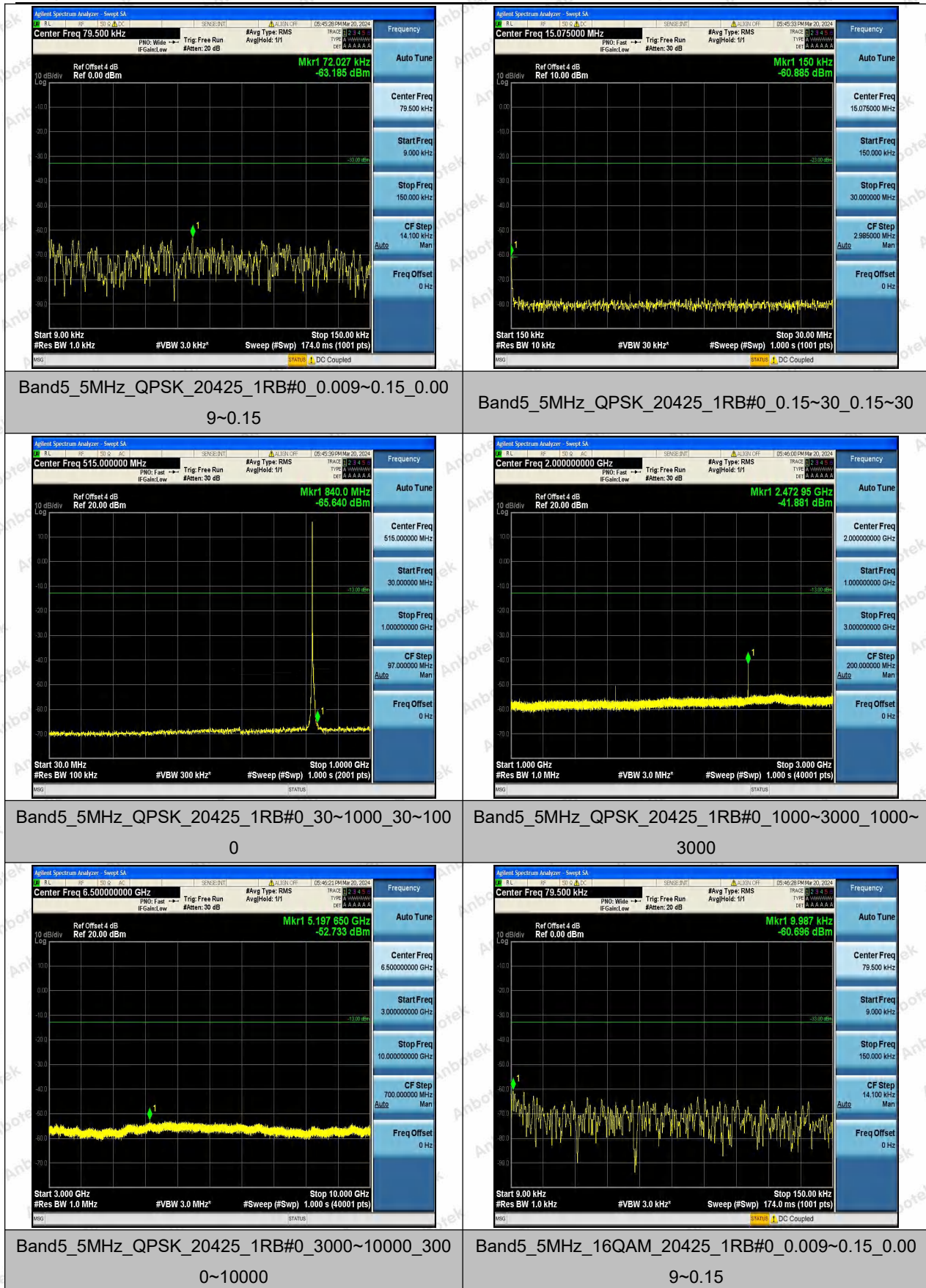












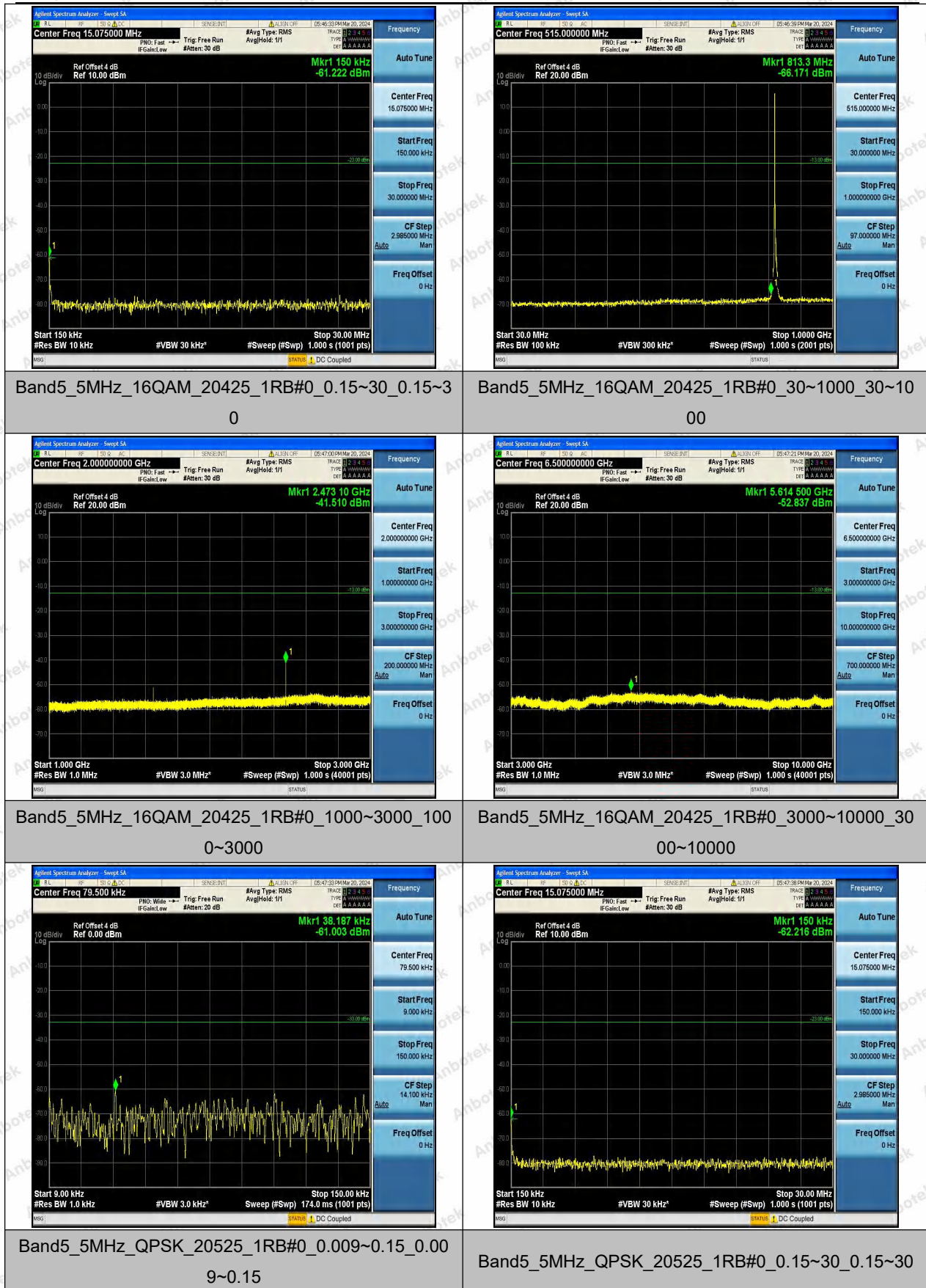
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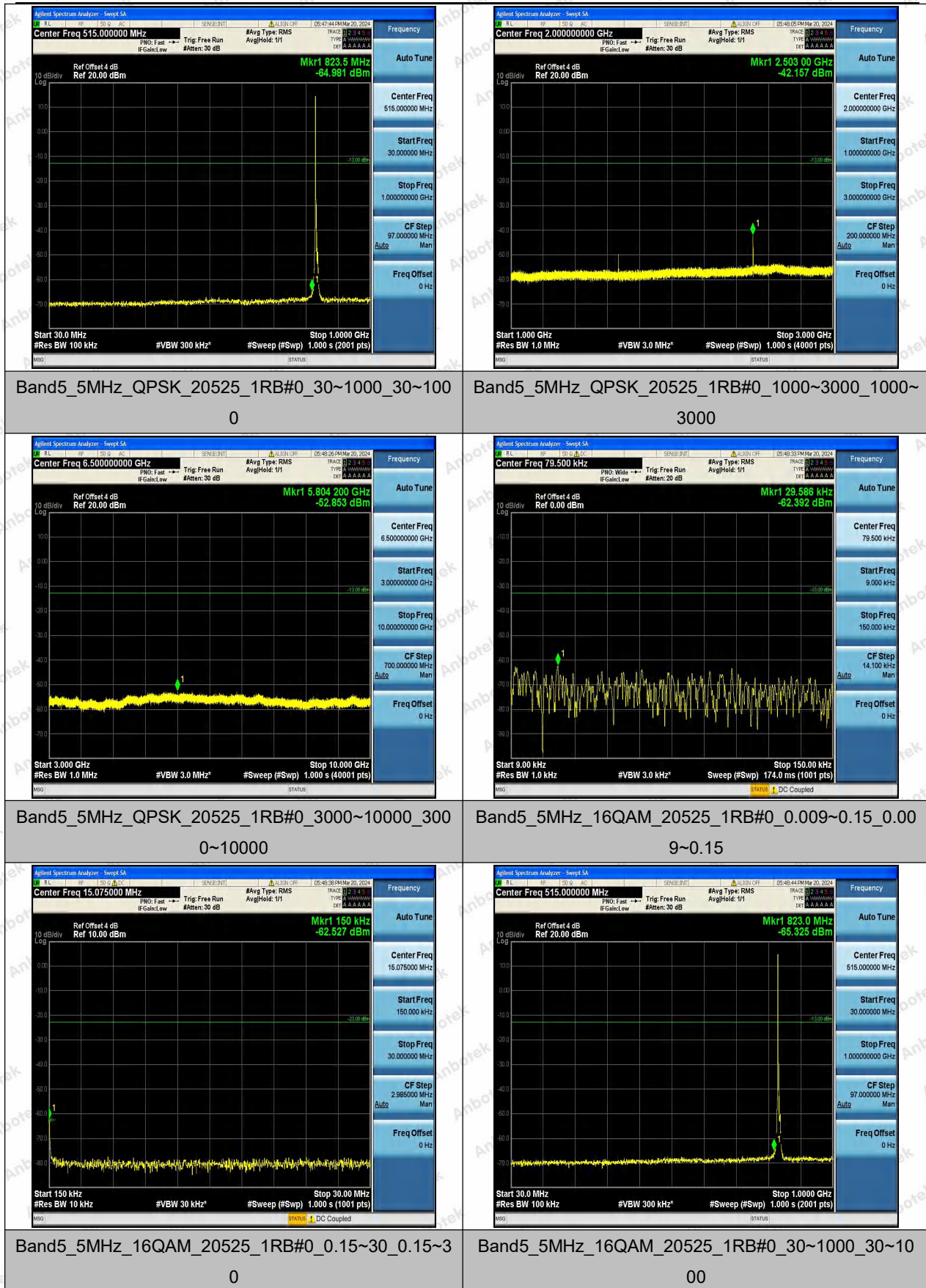
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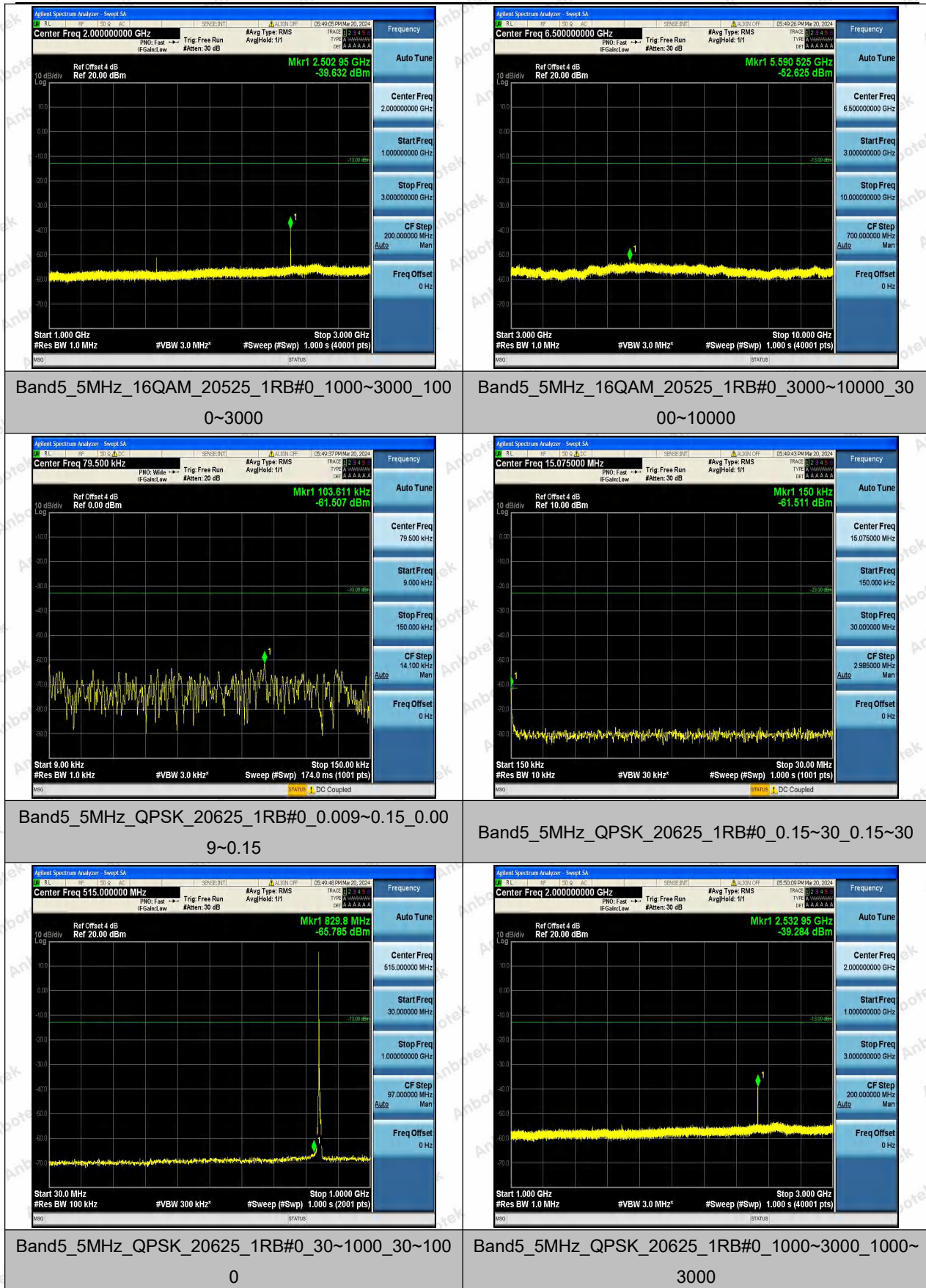
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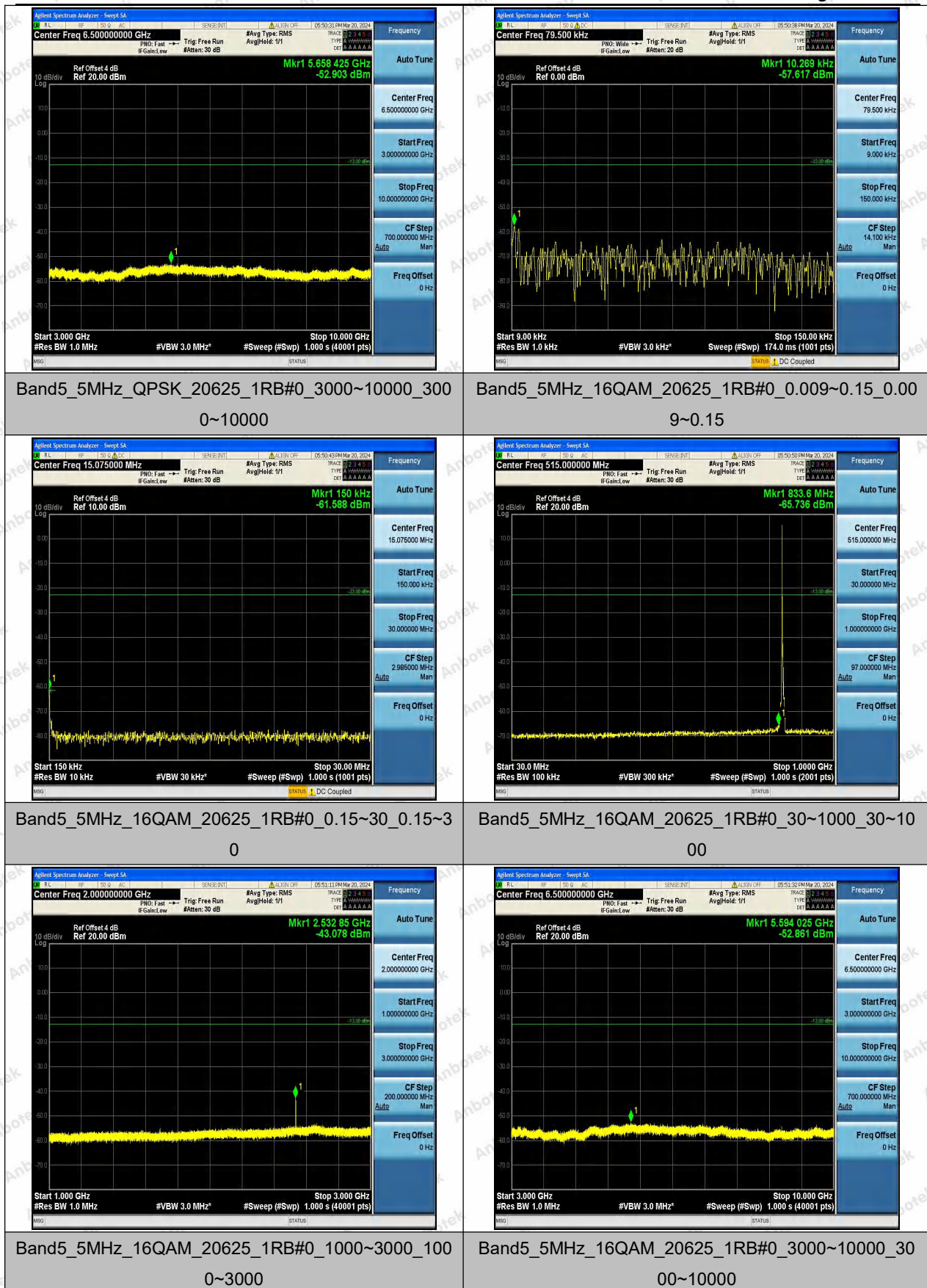
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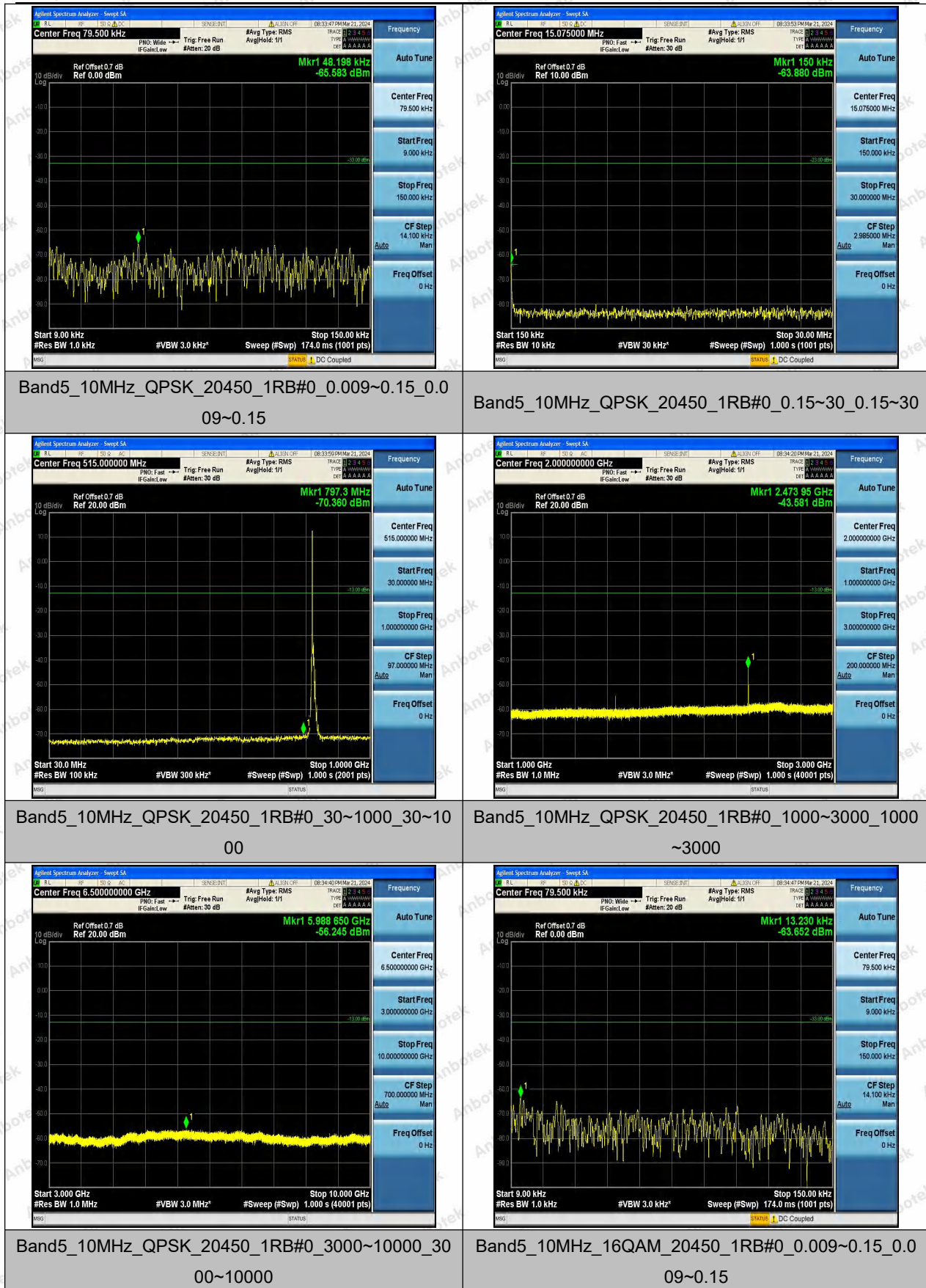
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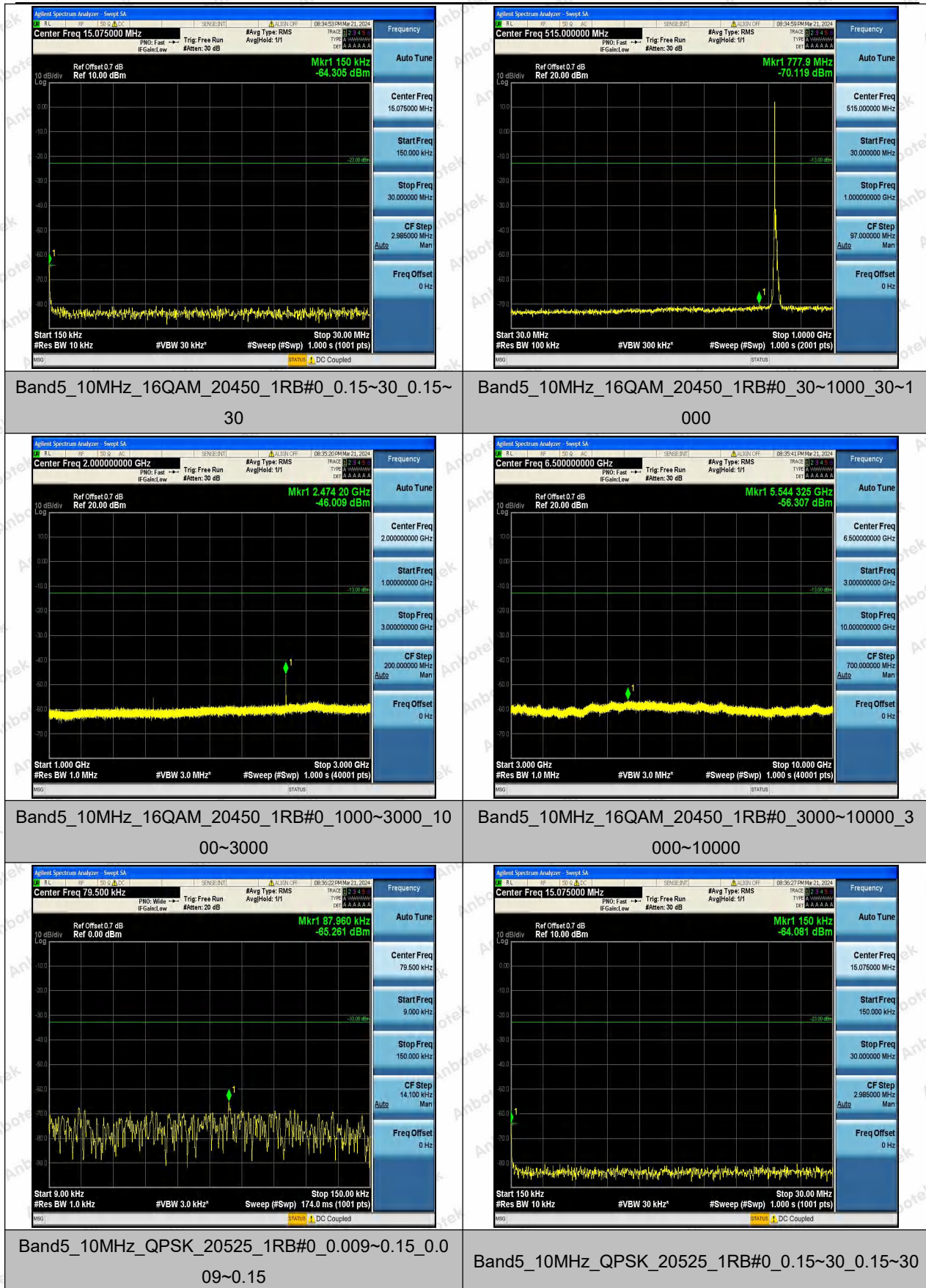


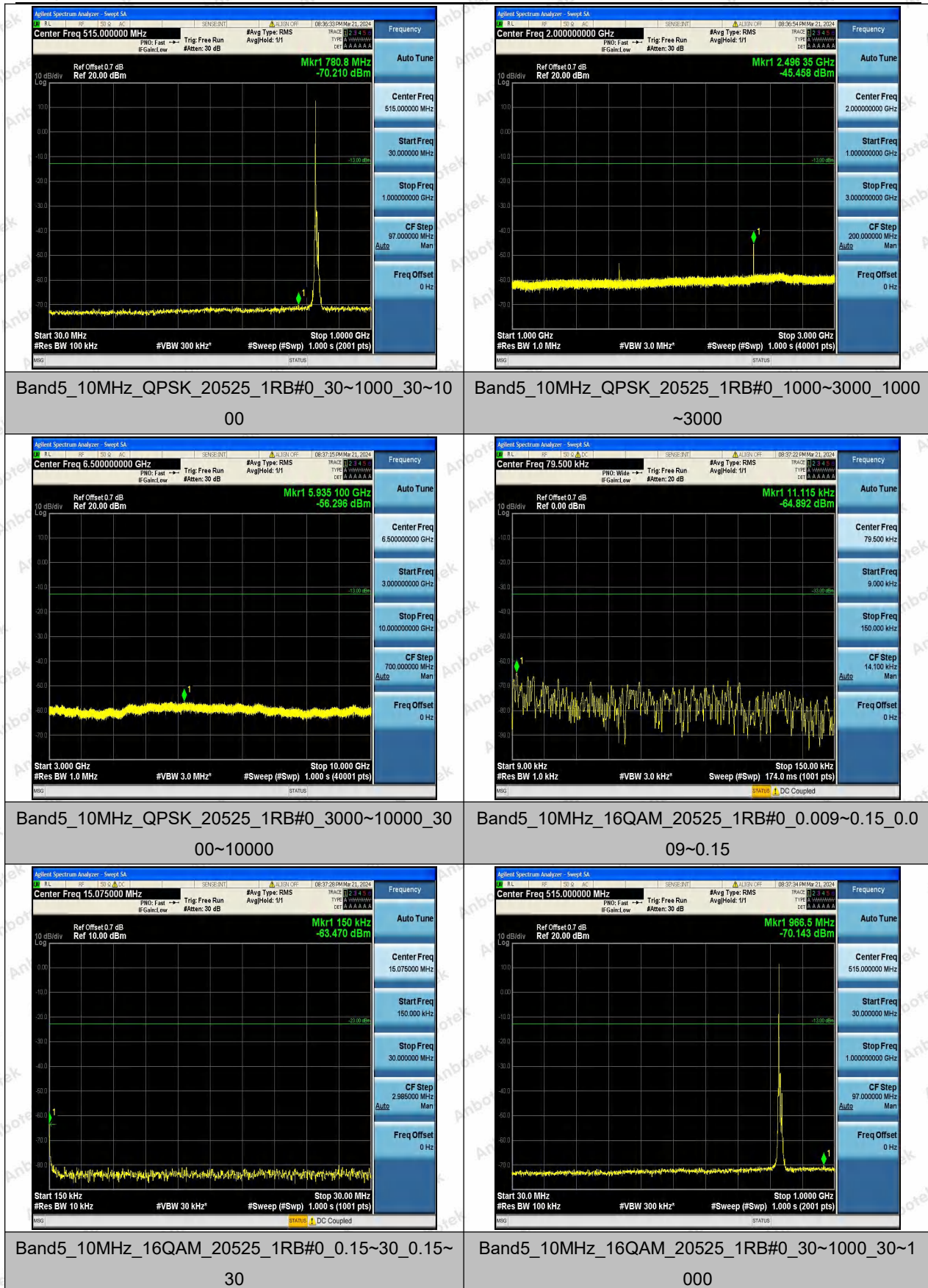
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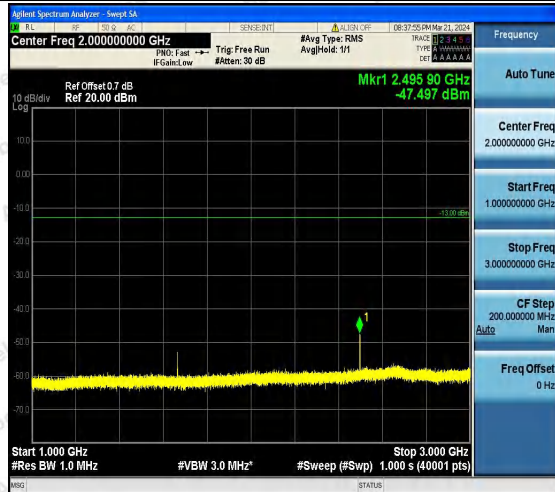




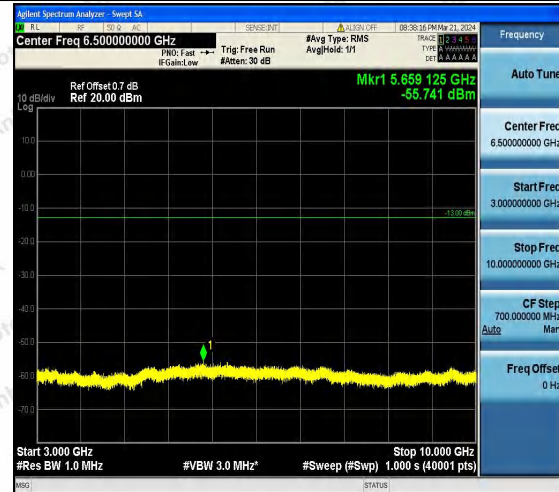




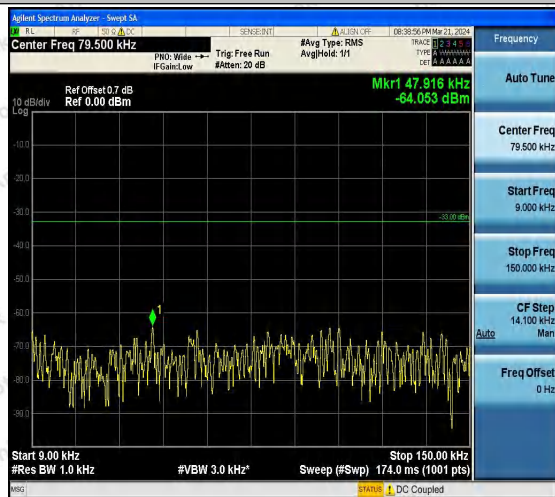




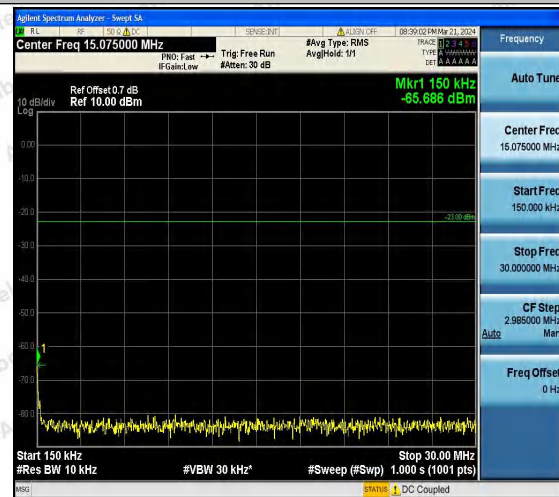
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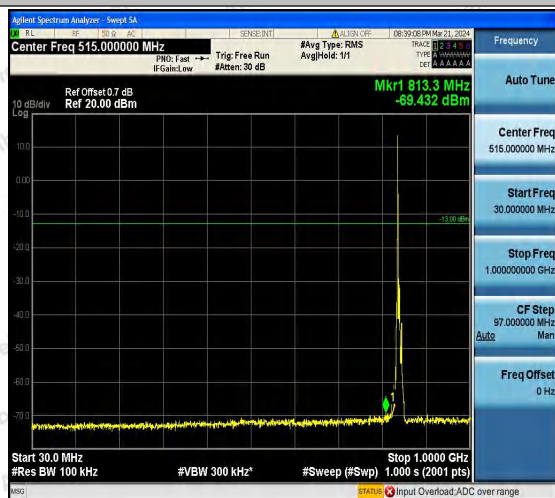
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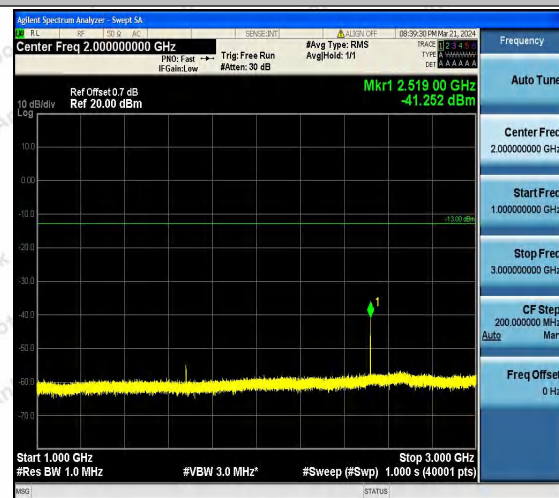
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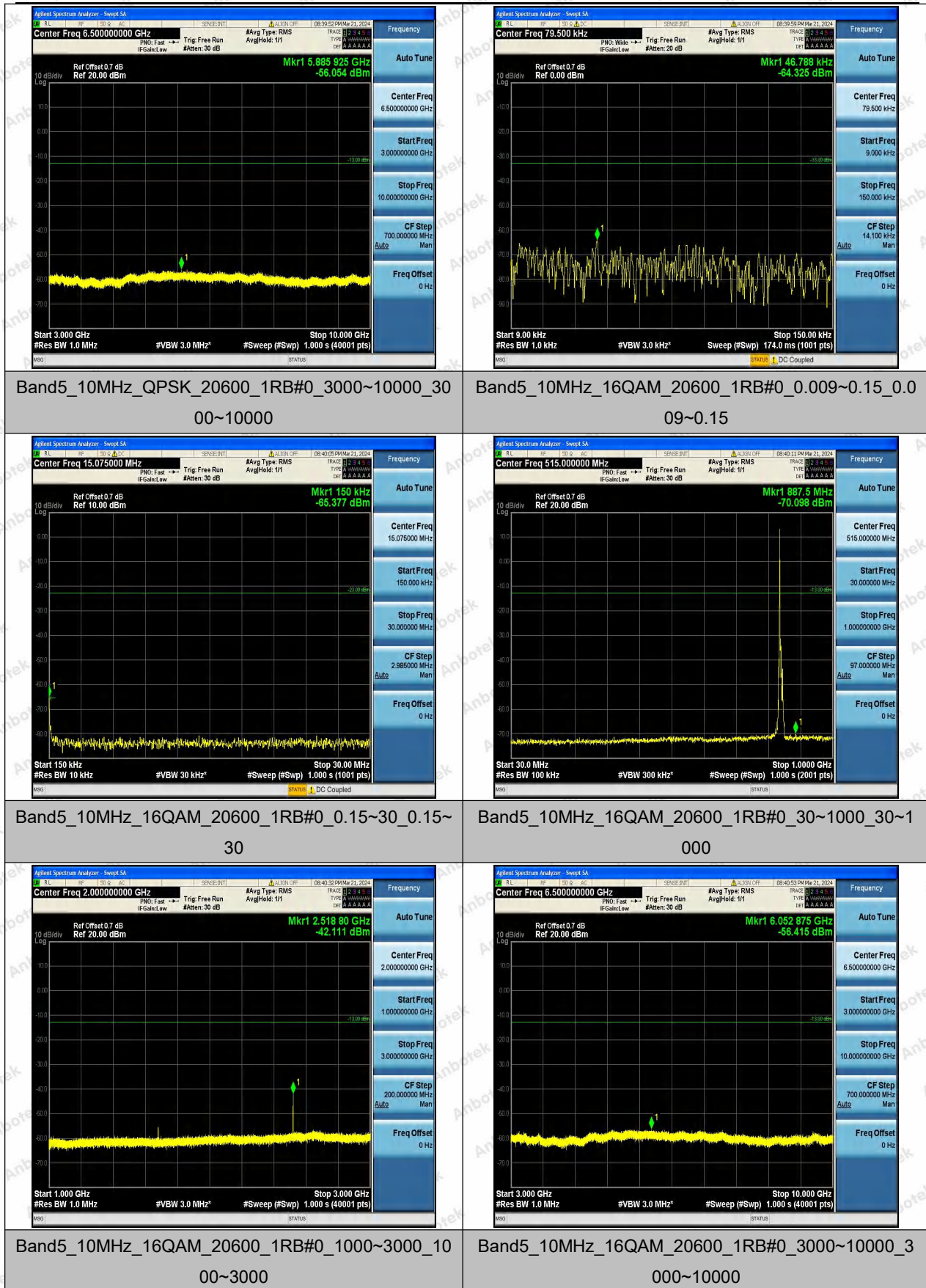


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Band5_10MHz_QPSK_20600_1RB#0_1000~3000_1000
~3000





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Appendix F: Frequency stability VS Voltage measurement

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage					
					Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-8.71	-0.010561	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-6.92	-0.008391	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-6.07	-0.007360	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-4.02	-0.004874	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-2.66	-0.003225	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	2.69	0.003262	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-8.04	-0.009611	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-8.61	-0.010293	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-6.31	-0.007543	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-3.82	-0.004567	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-3.06	-0.003658	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-1.65	-0.001973	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-5.56	-0.006554	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-8.45	-0.009961	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-6.92	-0.008157	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-4.21	-0.004963	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-2.42	-0.002853	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-3.08	-0.003631	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-7.10	-0.008601	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-5.69	-0.006893	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-7.20	-0.008722	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-2.93	-0.003549	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	6.08	0.007365	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	3.98	0.004821	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	3.32	0.003969	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-7.35	-0.008787	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-3.56	-0.004256	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-3.81	-0.004555	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	5.16	0.006169	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	4.35	0.005200	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	4.32	0.005097	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-5.39	-0.006360	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-7.02	-0.008283	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-2.23	-0.002631	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	4.88	0.005758	±2.5	PASS

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Band5	3MHz	16QAM	20635	15RB#0	VH	NT	2.85	0.003363	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-5.04	-0.006098	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-5.06	-0.006122	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-5.32	-0.006437	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	3.06	0.003702	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	4.91	0.005941	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	1.89	0.002287	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-4.55	-0.005439	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-6.71	-0.008022	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-5.12	-0.006121	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-5.31	-0.006348	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	5.98	0.007149	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	5.01	0.005989	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-5.62	-0.006639	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-6.01	-0.007100	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-5.04	-0.005954	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	4.78	0.005647	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	3.56	0.004206	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	5.15	0.006084	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-5.56	-0.006707	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-6.32	-0.007624	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-7.91	-0.009542	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	3.99	0.004770	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-5.11	-0.006109	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-7.05	-0.008428	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	6.05	0.007168	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-5.54	-0.006564	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-5.64	-0.006682	±2.5	PASS



Appendix G: Frequency stability VS Temperature measurement

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-3.93	-0.004765	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-4.38	-0.005311	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-6.24	-0.007566	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-4.99	-0.006051	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-4.12	-0.004996	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-5.05	-0.006123	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-6.88	-0.008342	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-5.76	-0.006984	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-4.71	-0.005711	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-5.31	-0.006439	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	3.22	0.003904	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-3.88	-0.004705	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-6.62	-0.008027	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-2.49	-0.003019	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-4.63	-0.005614	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	-4.98	-0.006039	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	4.23	0.005129	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	-4.11	-0.004984	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-6.77	-0.008093	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-4.28	-0.005117	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-4.33	-0.005176	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-4.62	-0.005523	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-4.36	-0.005212	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-6.94	-0.008296	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-2.75	-0.003288	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-3.79	-0.004531	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-3.55	-0.004244	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-4.45	-0.005320	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	1.69	0.002020	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	-4.23	-0.005057	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-4.32	-0.005164	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-4.18	-0.004997	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-2.42	-0.002893	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-5.16	-0.006169	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	-4.43	-0.005296	±2.5	PASS

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Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	2.30	0.002750	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-6.11	-0.007203	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-5.82	-0.006861	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	-5.81	-0.006849	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-6.29	-0.007415	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-5.59	-0.006590	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-5.49	-0.006472	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-7.22	-0.008511	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	2.66	0.003136	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-4.31	-0.005081	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	-3.73	-0.004397	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	1.57	0.001851	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	2.17	0.002558	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-2.22	-0.002617	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	2.13	0.002511	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-2.15	-0.002534	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-6.25	-0.007368	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	-4.33	-0.005104	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	-2.65	-0.003124	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	-7.60	-0.009207	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	2.50	0.003028	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	-6.59	-0.007983	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-1.34	-0.001623	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-6.31	-0.007644	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-2.96	-0.003586	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	3.91	0.004737	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	3.69	0.004470	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	4.01	0.004858	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	1.83	0.002217	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-2.55	-0.003089	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	4.68	0.005669	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	5.82	0.007050	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-1.62	-0.001962	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	5.64	0.006832	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	2.66	0.003222	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	-3.09	-0.003743	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	-2.50	-0.003028	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-2.07	-0.002475	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-5.26	-0.006288	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-2.73	-0.003264	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-4.35	-0.005200	±2.5	PASS

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Band5	3MHz	QPSK	20525	15RB#0	NV	10	1.85	0.002212	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	2.55	0.003048	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-2.05	-0.002451	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-2.70	-0.003228	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	3.68	0.004399	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-3.18	-0.003802	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-3.09	-0.003694	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	3.78	0.004519	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	4.16	0.004973	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	3.48	0.004160	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	6.58	0.007866	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	7.14	0.008536	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	1.44	0.001721	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	-2.43	-0.002905	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-5.04	-0.005947	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-2.73	-0.003221	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	-5.79	-0.006832	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-3.39	-0.004000	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-6.25	-0.007375	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-1.60	-0.001888	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	-2.23	-0.002631	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-5.01	-0.005912	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	-3.96	-0.004673	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	3.91	0.004614	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	2.59	0.003056	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	-1.89	-0.002230	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	4.99	0.005888	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	2.42	0.002855	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-3.59	-0.004236	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	5.06	0.005971	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	-2.56	-0.003021	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	-3.92	-0.004625	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-4.82	-0.005832	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	4.31	0.005215	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	-3.29	-0.003981	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-3.33	-0.004029	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-3.82	-0.004622	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-5.52	-0.006679	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-3.22	-0.003896	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-2.80	-0.003388	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	-2.29	-0.002771	±2.5	PASS

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Band5	5MHz	16QAM	20425	25RB#0	NV	-30	4.78	0.005783	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	5.26	0.006364	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	3.83	0.004634	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	4.35	0.005263	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-1.80	-0.002178	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-2.63	-0.003182	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	30	5.78	0.006993	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	-1.80	-0.002178	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	3.55	0.004295	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-4.51	-0.005392	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-5.45	-0.006515	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	-5.76	-0.006886	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-4.23	-0.005057	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-3.95	-0.004722	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-3.39	-0.004053	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	-2.13	-0.002546	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-3.32	-0.003969	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	-4.03	-0.004818	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	1.87	0.002236	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	1.72	0.002056	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	-3.65	-0.004363	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	4.16	0.004973	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-1.83	-0.002188	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-2.72	-0.003252	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	-1.65	-0.001973	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	2.13	0.002546	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	4.36	0.005212	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	-3.45	-0.004076	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-6.28	-0.007419	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	-4.63	-0.005470	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	-5.58	-0.006592	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-6.87	-0.008116	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-4.96	-0.005859	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	-4.98	-0.005883	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	3.93	0.004643	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	-5.19	-0.006131	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	1.85	0.002185	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	1.76	0.002079	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	-1.69	-0.001996	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	2.65	0.003131	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	2.95	0.003485	±2.5	PASS

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Band5	5MHz	16QAM	20625	25RB#0	NV	20	-4.59	-0.005422	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	-2.52	-0.002977	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	4.11	0.004855	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	50	5.01	0.005918	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-5.72	-0.006900	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-4.72	-0.005694	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-4.89	-0.005899	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-4.49	-0.005416	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-4.36	-0.005259	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-2.93	-0.003534	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-3.76	-0.004536	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-5.58	-0.006731	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-5.06	-0.006104	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-5.95	-0.007113	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-2.89	-0.003455	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-6.67	-0.007974	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-7.50	-0.008966	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-4.52	-0.005403	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-4.58	-0.005475	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-4.84	-0.005786	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-3.08	-0.003682	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-3.75	-0.004483	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-6.24	-0.007393	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-2.56	-0.003033	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-2.88	-0.003412	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-4.49	-0.005320	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-4.06	-0.004810	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-3.71	-0.004396	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-5.56	-0.006588	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-5.54	-0.006564	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-3.20	-0.003791	±2.5	PASS

---END---

