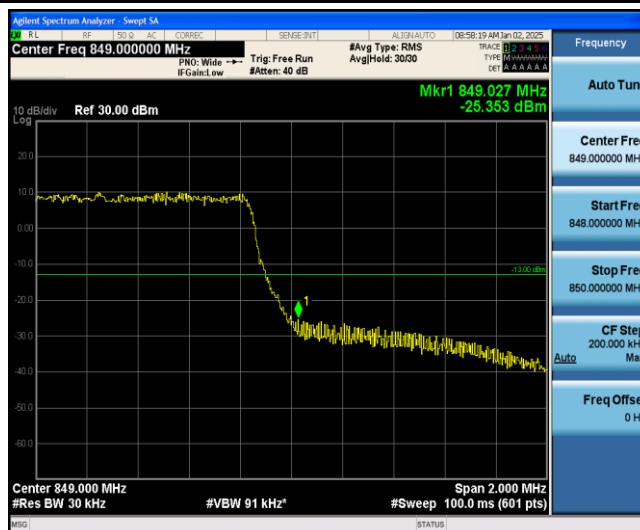
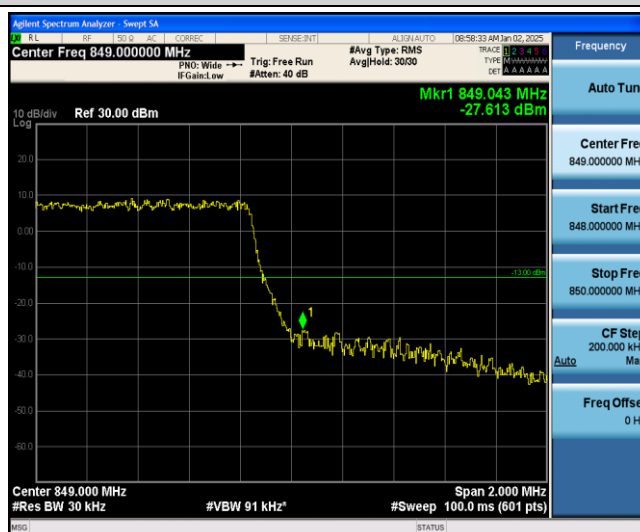




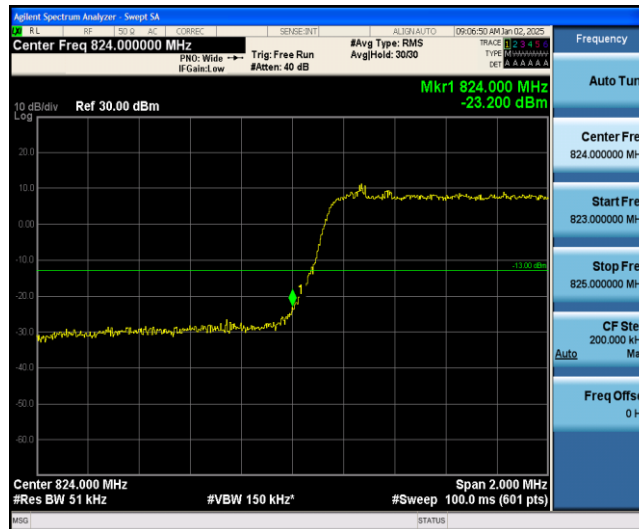
Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-16QAM-20407-6RB#0



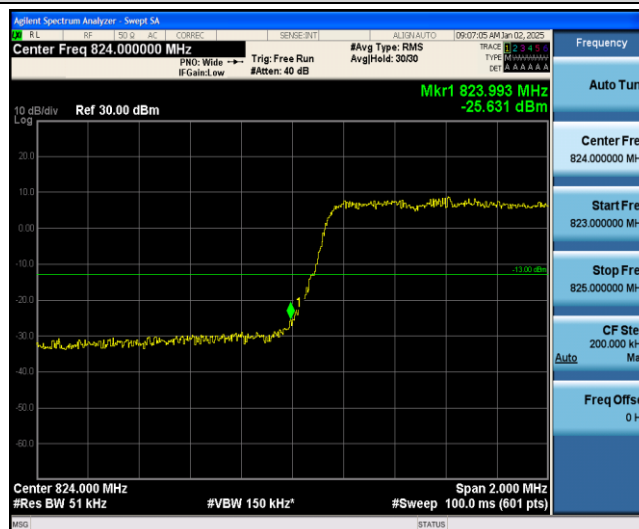
Band5-1.4MHz-16QAM-20643-6RB#0



Band5-3MHz-QPSK-20415-15RB#0



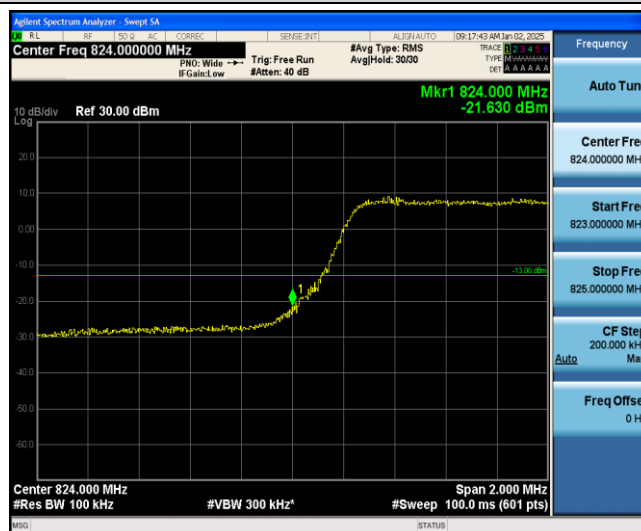
Band5-3MHz-QPSK-20635-15RB#0



Band5-3MHz-16QAM-20415-15RB#0



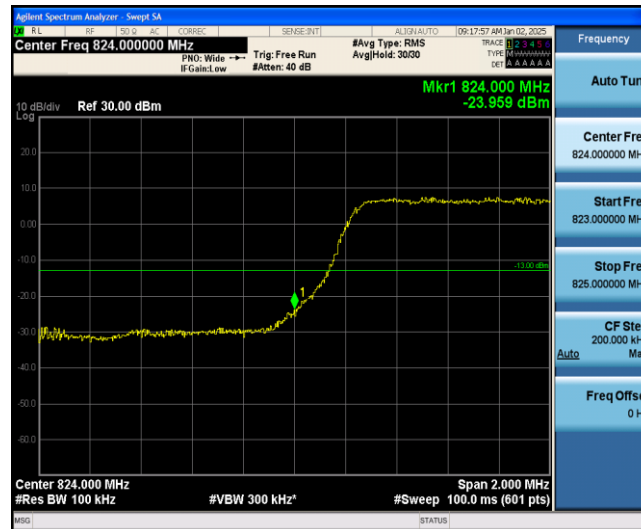
Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20625-25RB#0

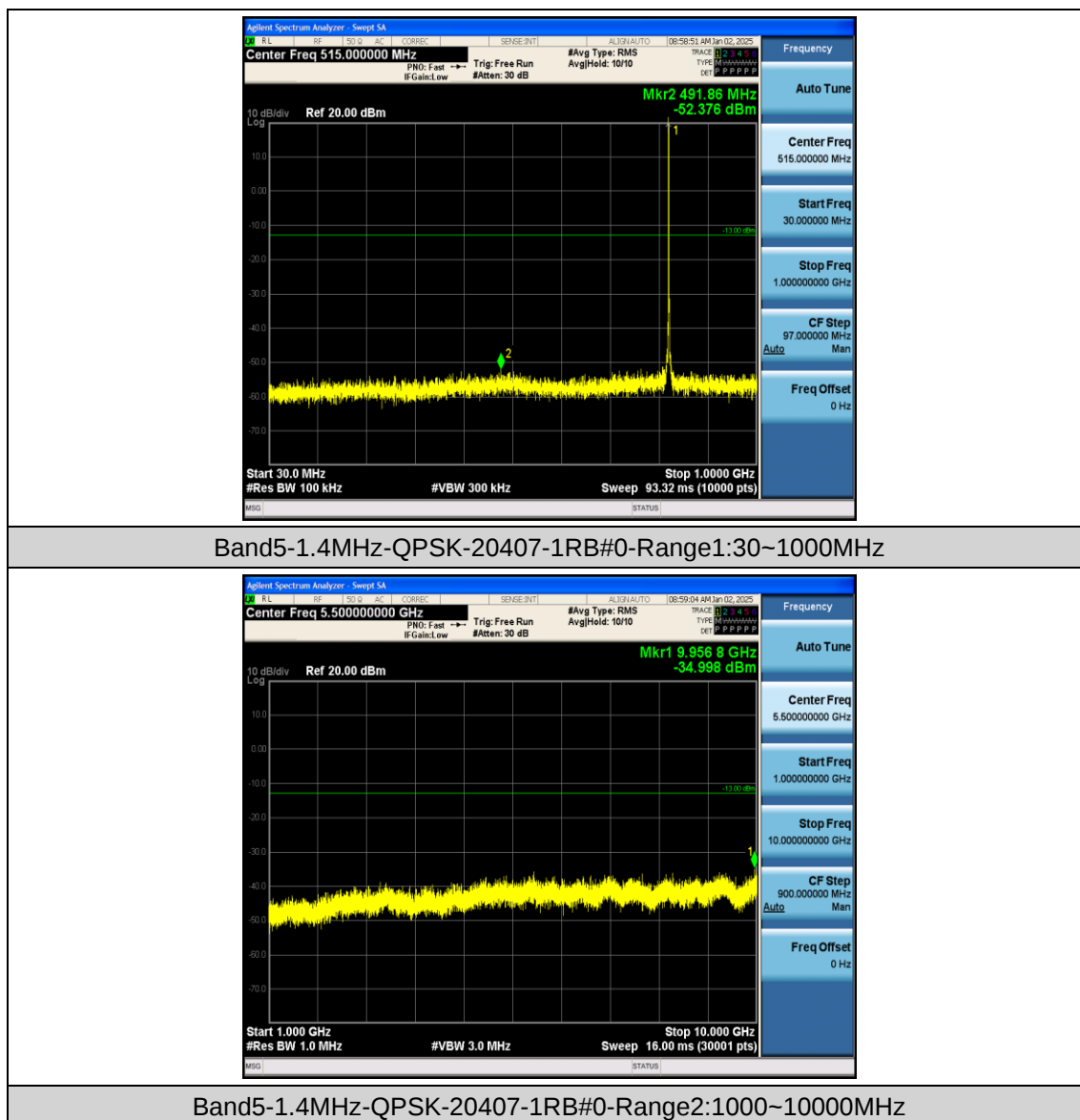
Appendix E: Conducted Spurious Emission

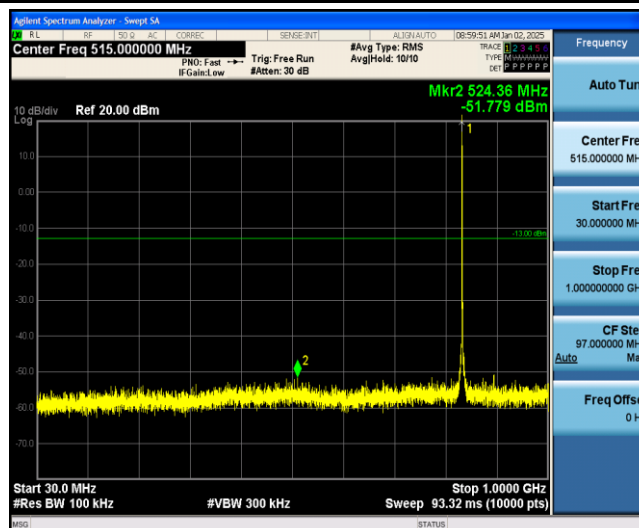
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-52.38	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-35	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-51.78	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-35.05	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-51.13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-35.75	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-52.27	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-35.3	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-51.69	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-35.12	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-52.05	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-35.36	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-51.27	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-35.18	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-51.96	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-35.22	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-51.68	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-35.43	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-51.82	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-35.57	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-52.29	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-34.56	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-52.26	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-35.56	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-51.92	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-35.5	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-50.88	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-35.08	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-52.35	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-35.19	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-51.74	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-34.19	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-52.08	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-35.47	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-52.21	PASS

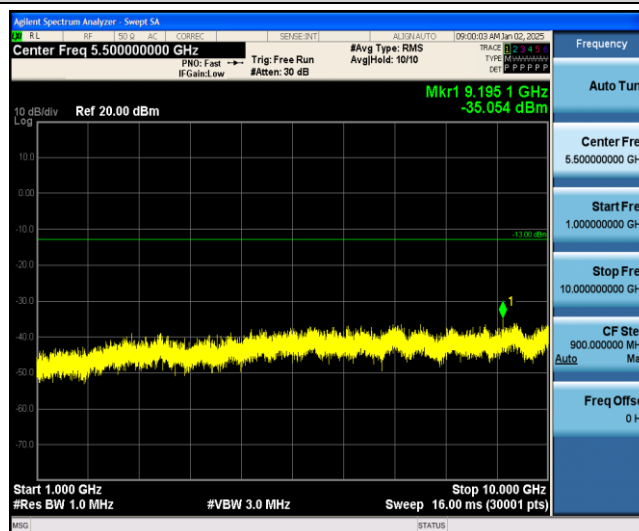
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-35	PASS
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Test Graphs

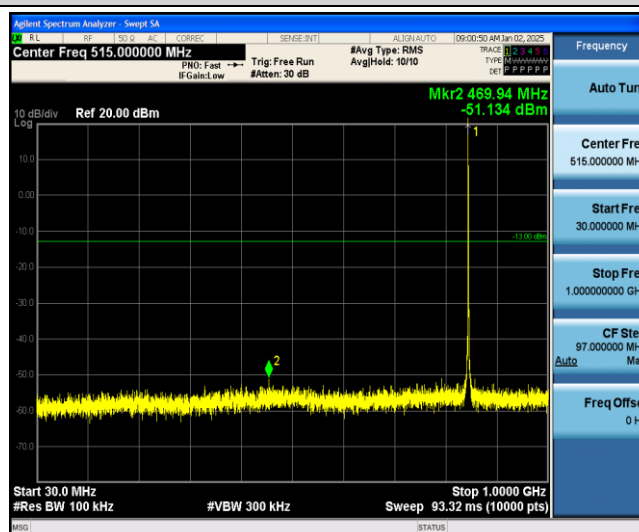




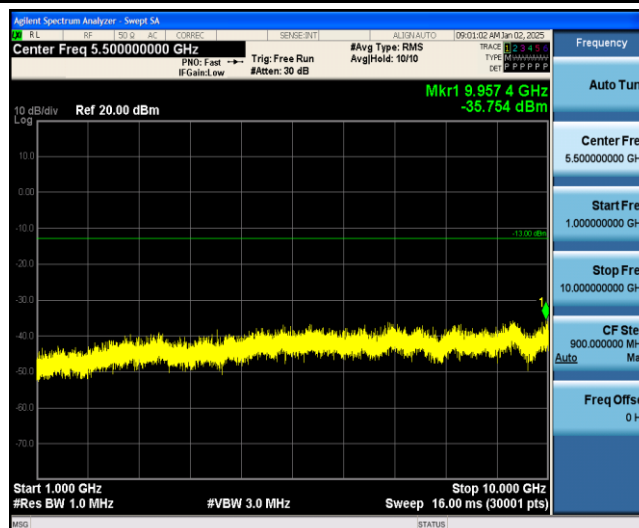
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



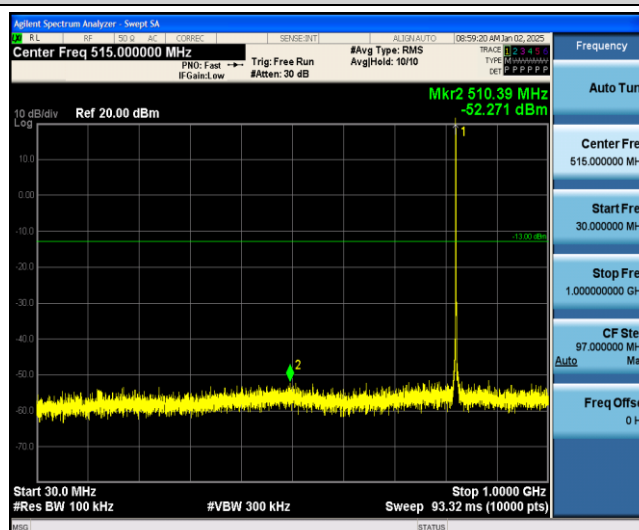
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



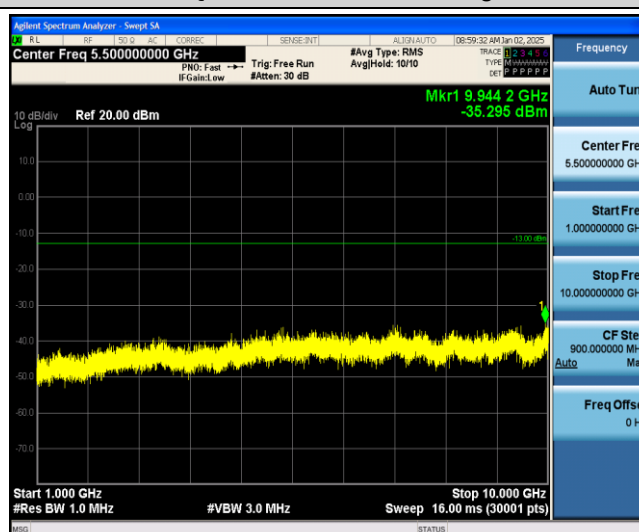
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



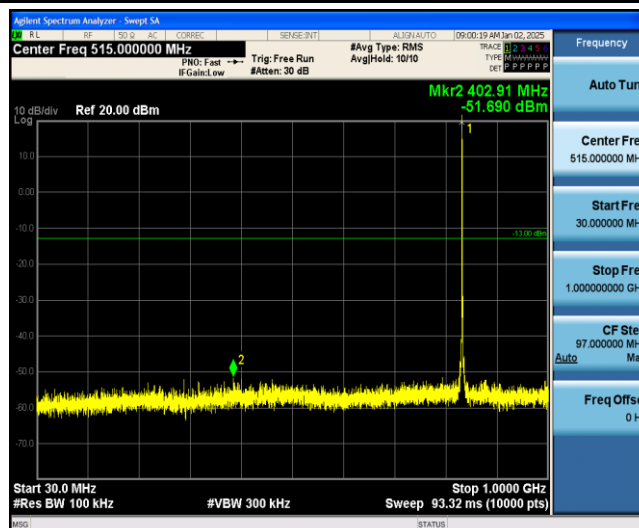
Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz



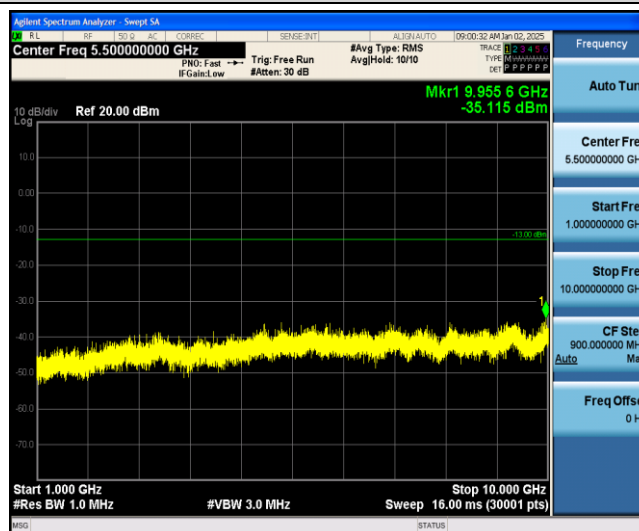
Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz



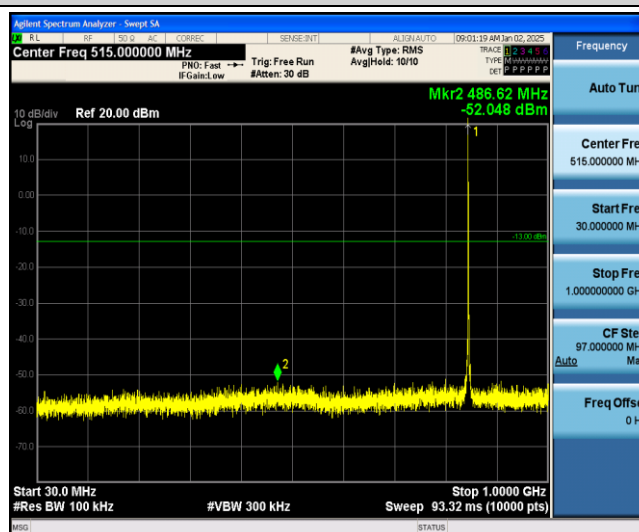
Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz



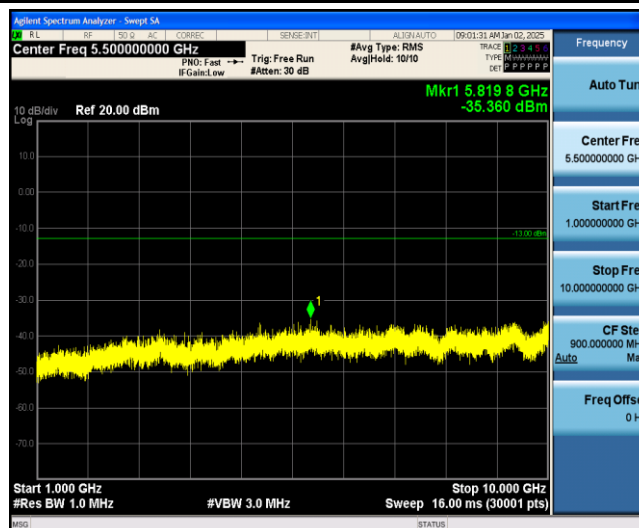
Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



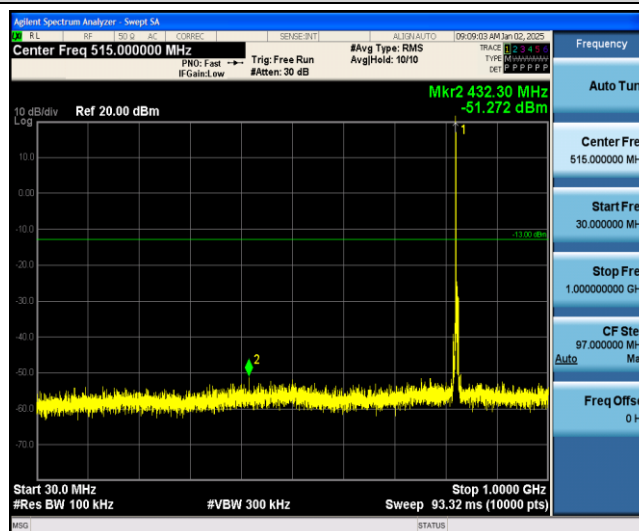
Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



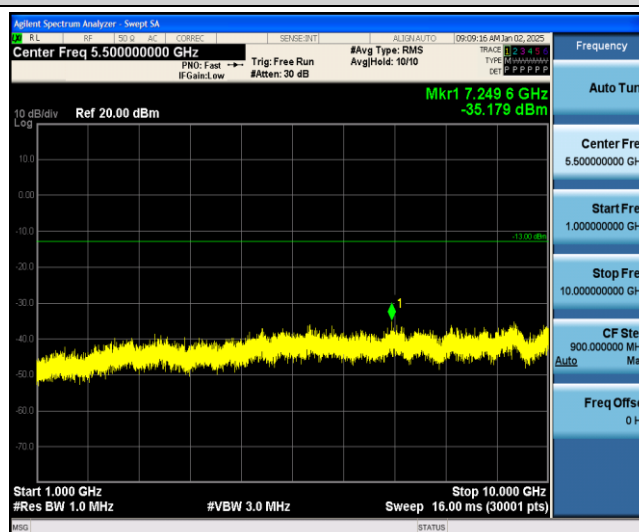
Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz



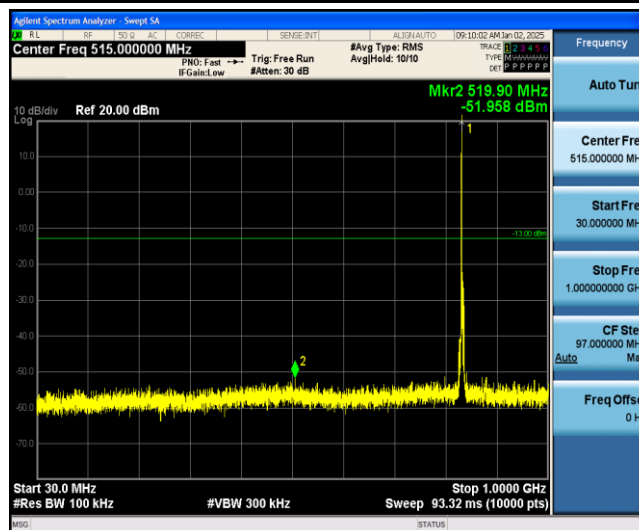
Band5-1.4MHz-16QAM-20643-1RB#0-Range2:1000~10000MHz



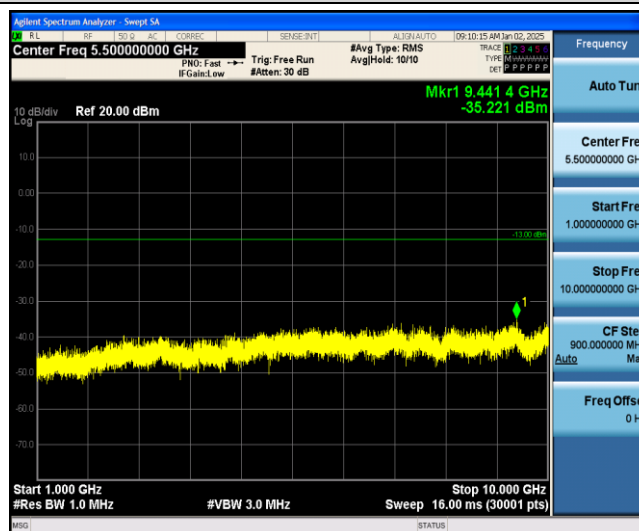
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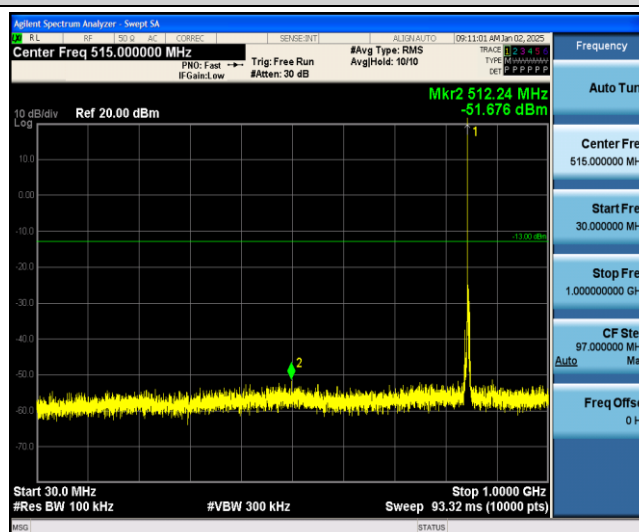
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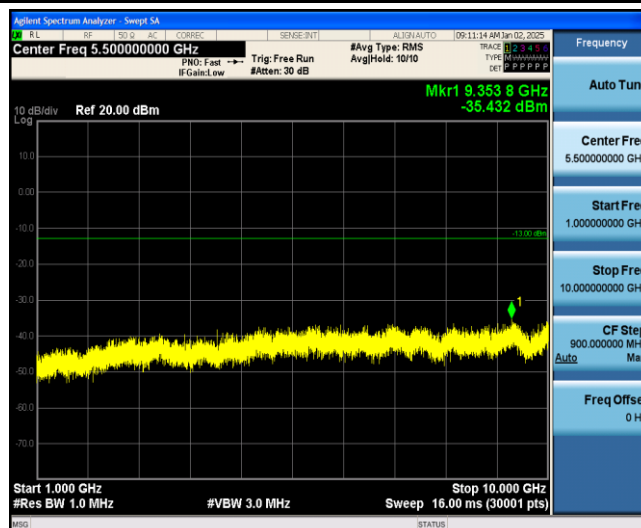
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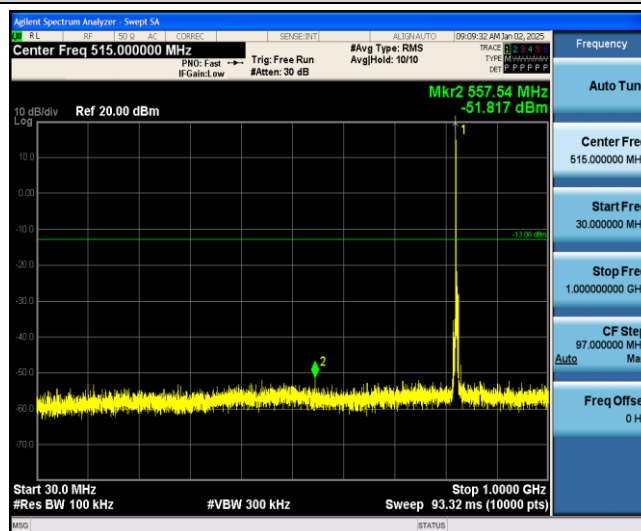
Band5-3MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



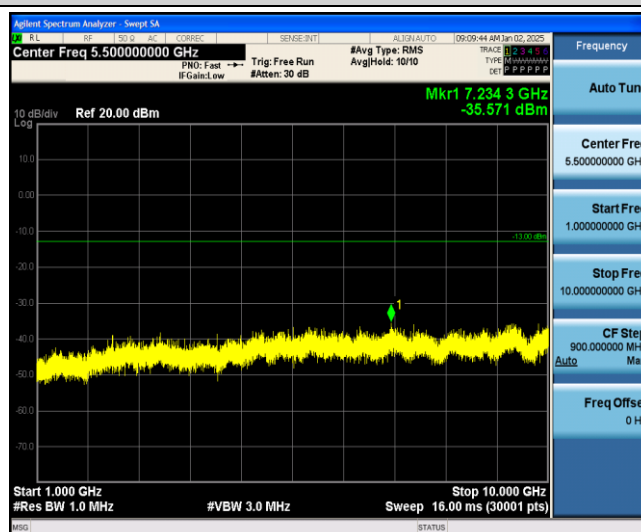
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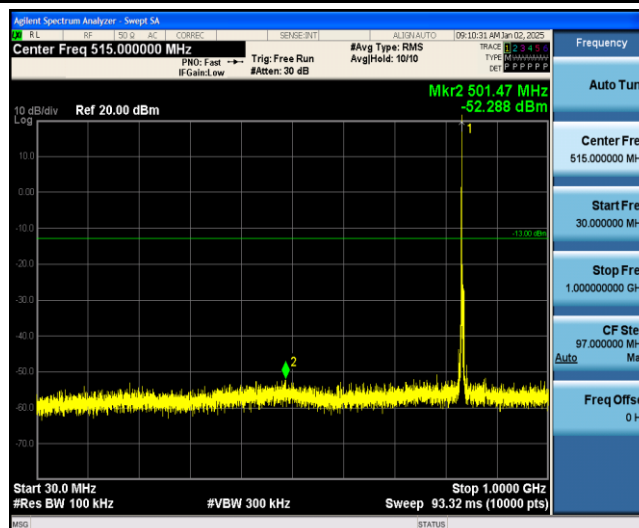
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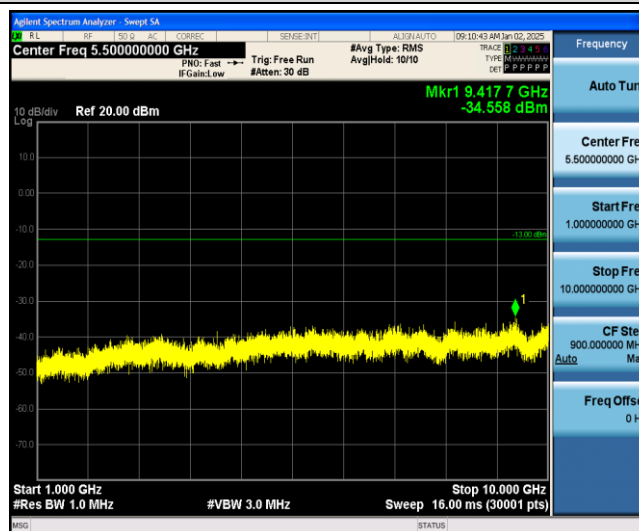
Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



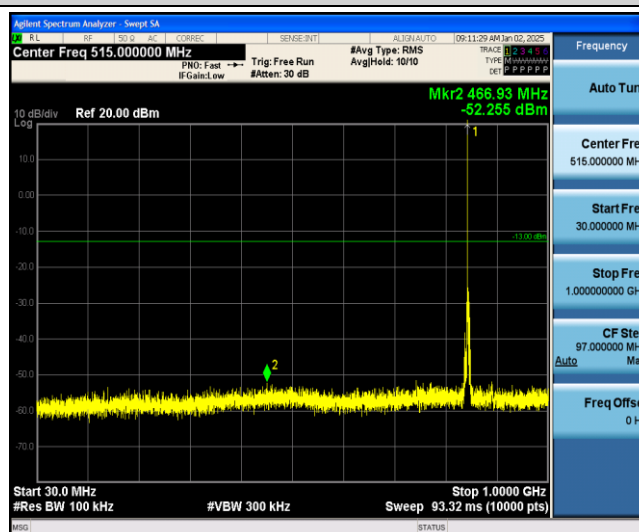
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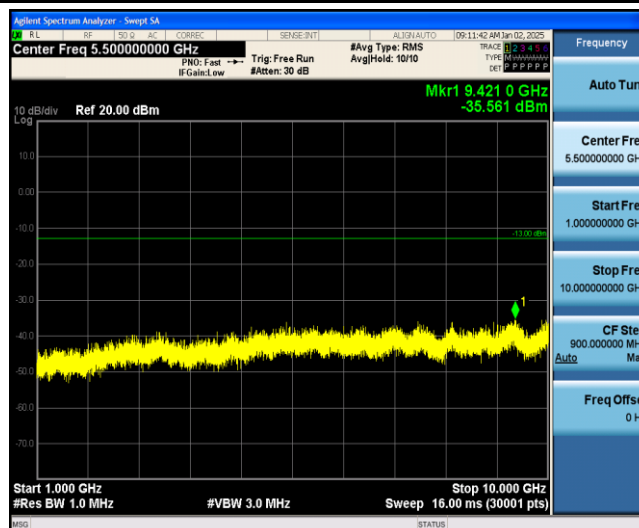
Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



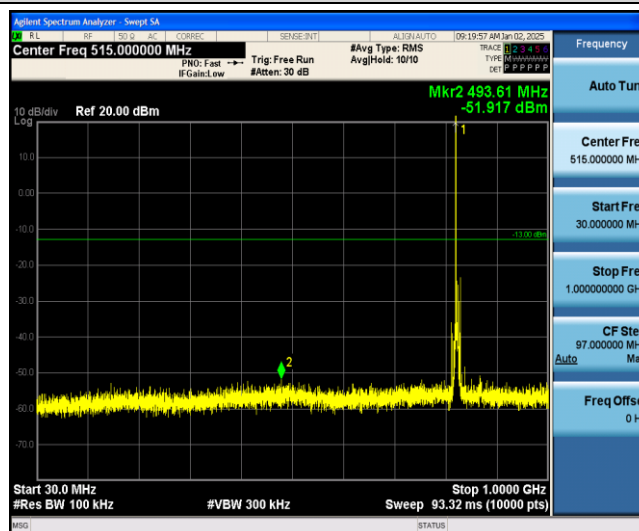
Band5-3MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



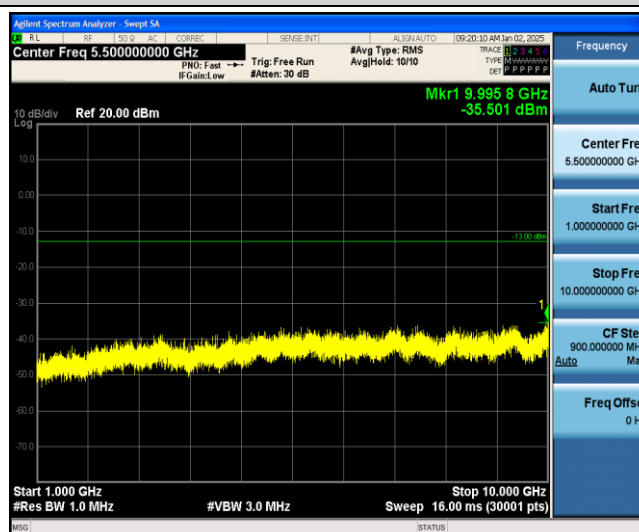
Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz



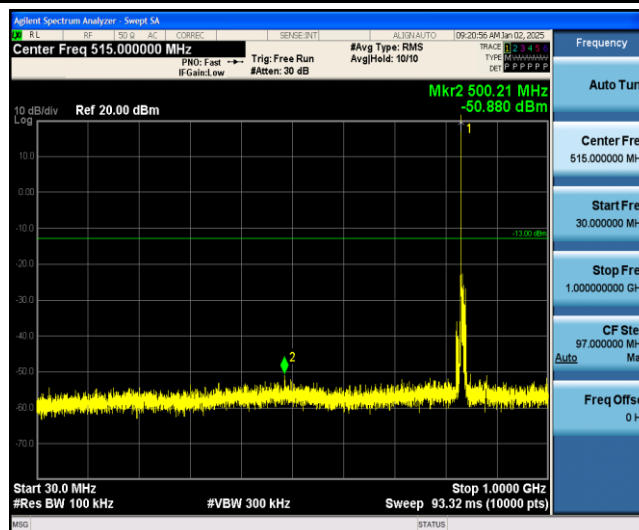
Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz



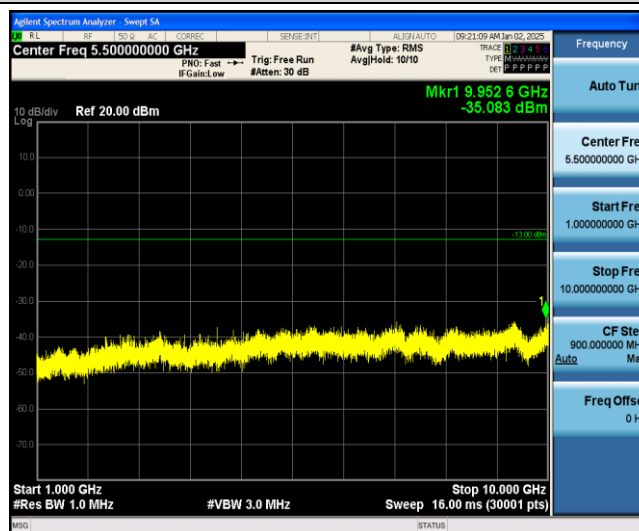
Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



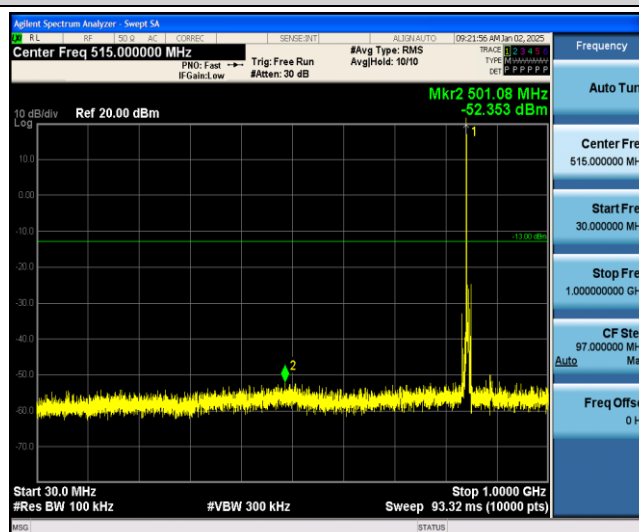
Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz



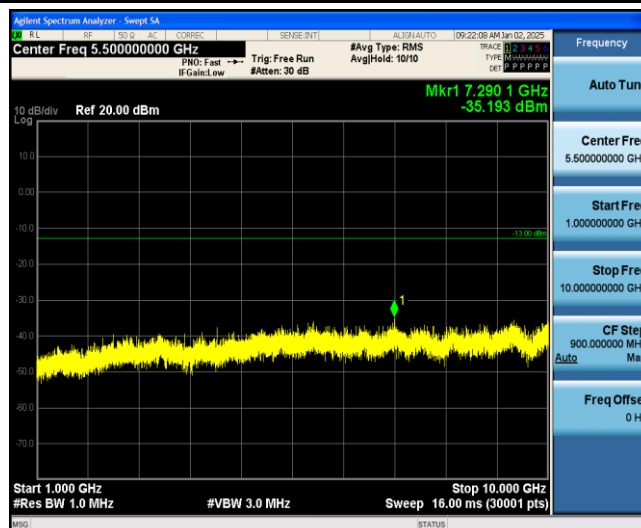
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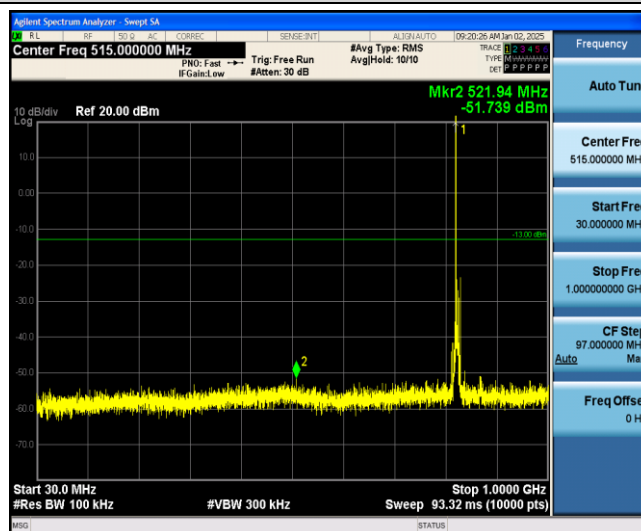
Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



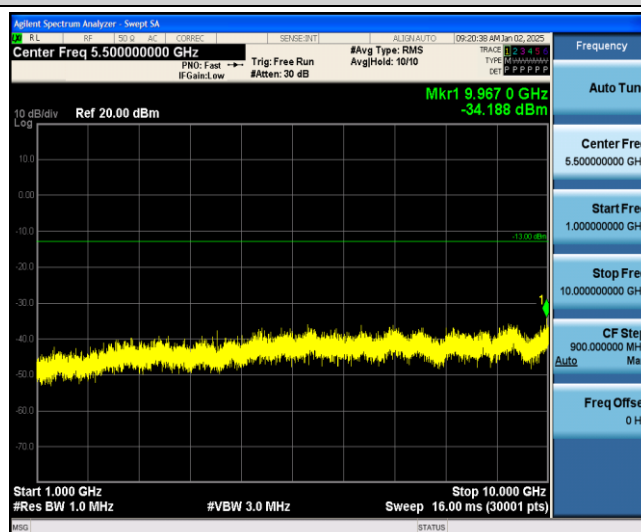
Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



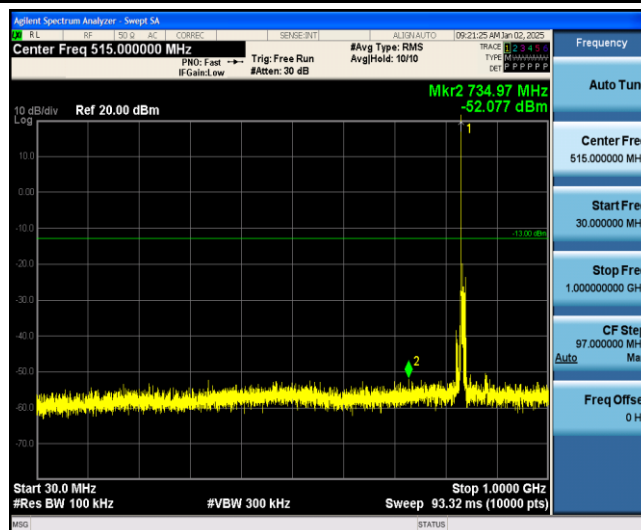
Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz



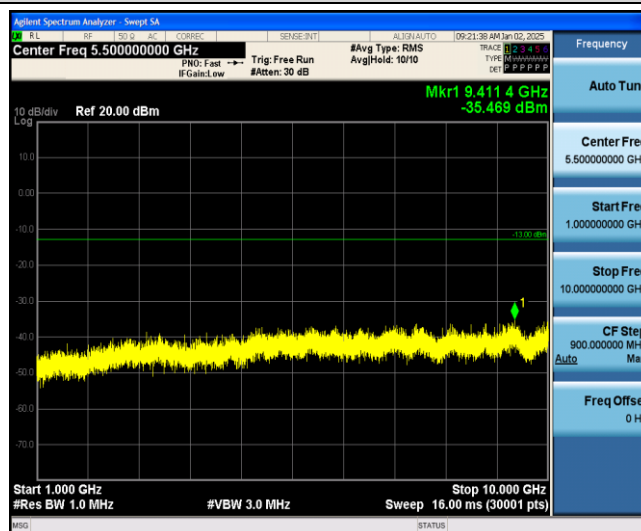
Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



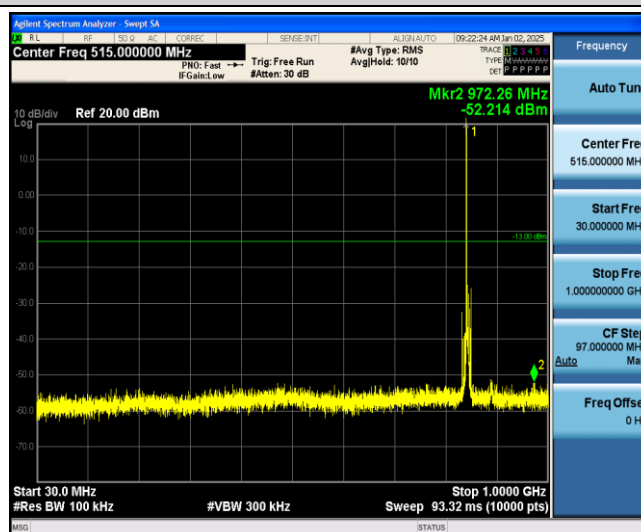
Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz



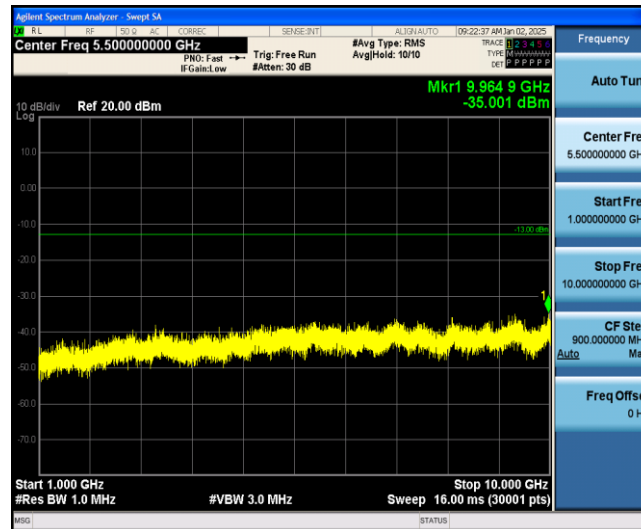
Band5-5MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz



Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-16.73	-0.020286	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-24.10	-0.029223	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-25.40	-0.030799	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-13.20	-0.015780	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	22.25	0.026599	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-16.68	-0.019940	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-17.56	-0.020700	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	24.74	0.029164	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-24.50	-0.028881	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-16.89	-0.020480	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-25.14	-0.030484	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-15.26	-0.018504	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-7.59	-0.009074	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-21.55	-0.025762	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	2.31	0.002762	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-6.67	-0.007863	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-20.60	-0.024284	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	2.77	0.003265	±2.5	PASS

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	-4.32	-0.005238	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-7.36	-0.008924	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-8.87	-0.010755	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-13.17	-0.015969	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-18.10	-0.021947	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-18.69	-0.022343	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-20.45	-0.024447	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-23.32	-0.027878	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-20.69	-0.024734	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-20.54	-0.024555	±2.5	PASS

Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-28.34	-0.033408	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-27.88	-0.032866	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-4.96	-0.005847	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-8.67	-0.010220	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-17.72	-0.020889	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-10.23	-0.012405	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-11.03	-0.013375	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-5.59	-0.006778	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-4.39	-0.005323	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-2.41	-0.002922	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	8.22	0.009827	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	18.62	0.022259	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	23.89	0.028559	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	4.46	0.005332	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	10.54	0.012600	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	13.67	0.016115	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	19.31	0.022763	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	25.86	0.030484	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	9.68	0.011411	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	19.26	0.022704	±2.5	PASS