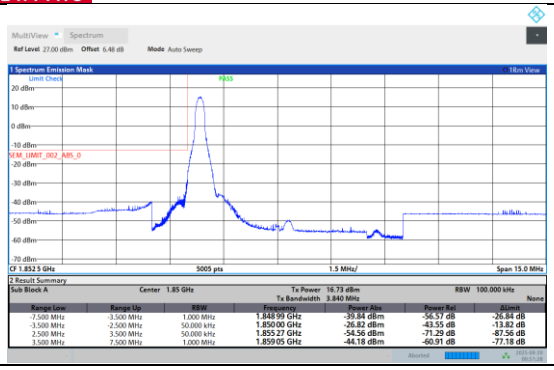
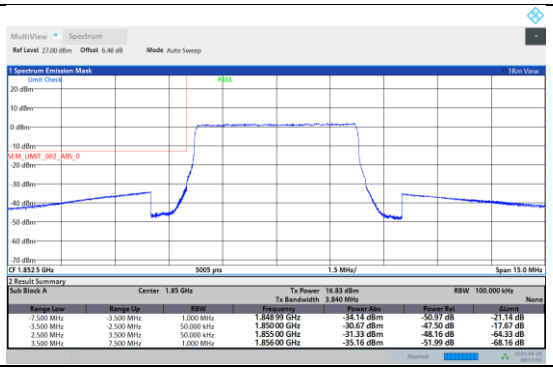
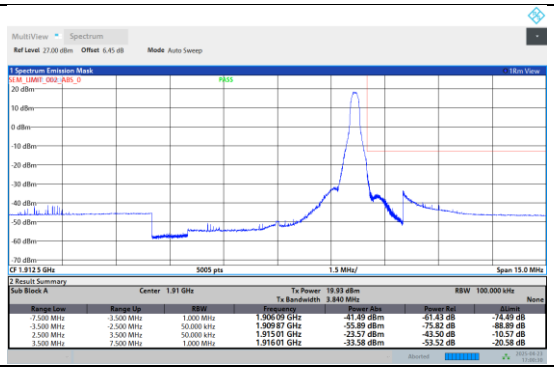


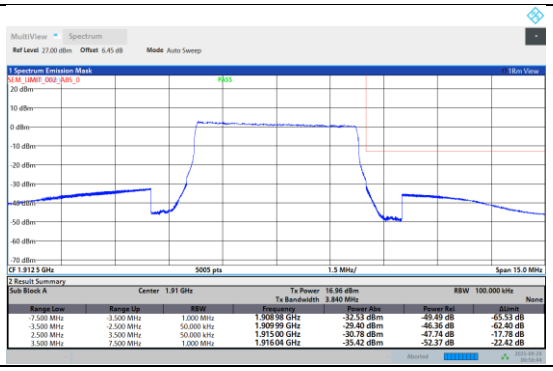
Band25-5MHz-64QAM-1912.5-1RB#24



Band25-5MHz-64QAM-1912.5-25RB#0



Band25-5MHz-256QAM-1852.5-1RB#0



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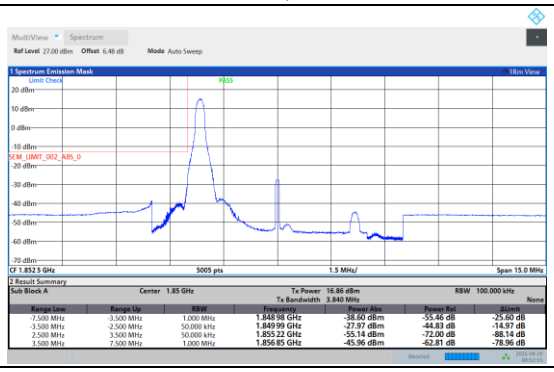

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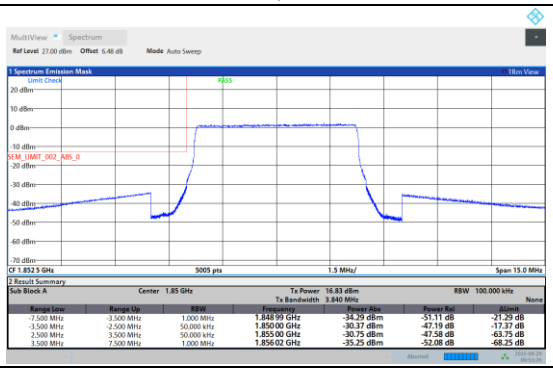

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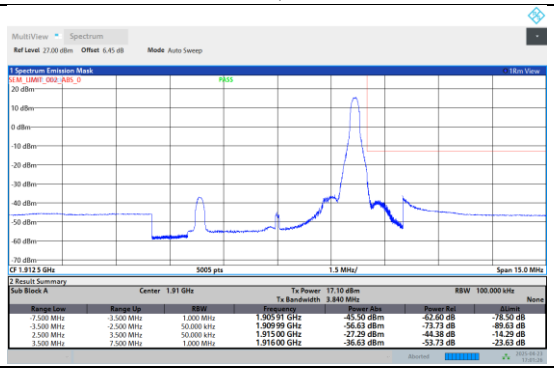
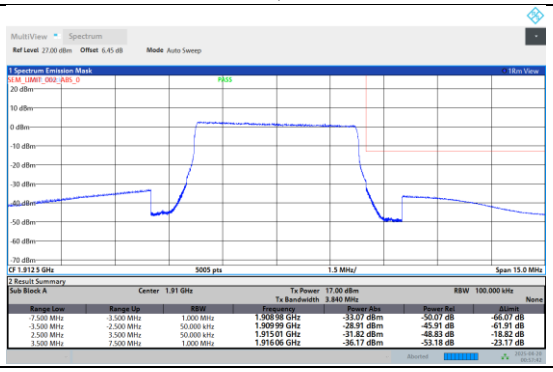
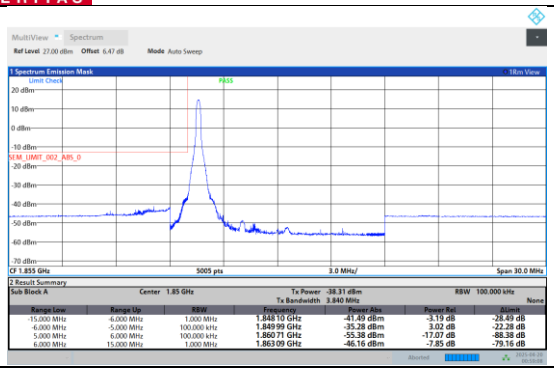


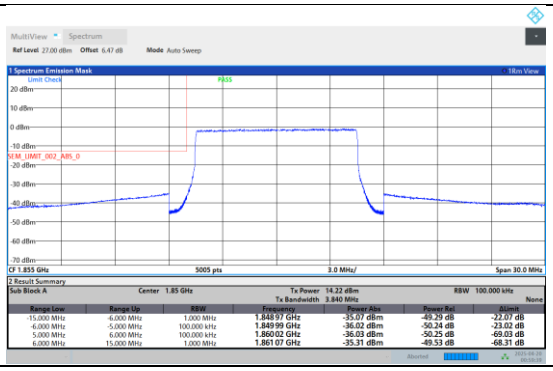
Band25-10MHz-QPSK-1855-1RB#0



Band25-10MHz-QPSK-1855-50RB#0



Band25-10MHz-QPSK-1910-1RB#49



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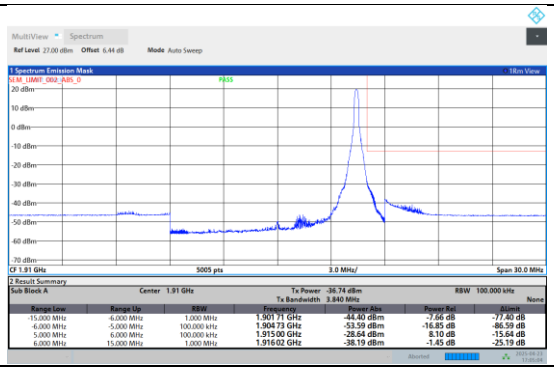

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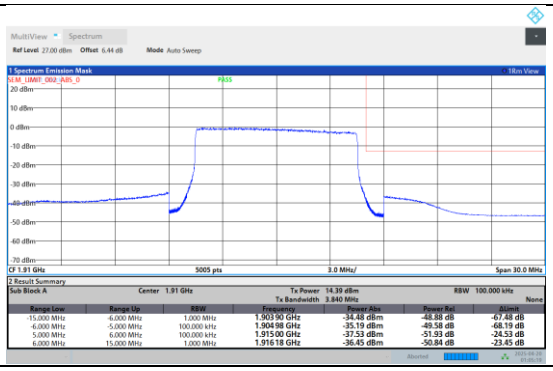

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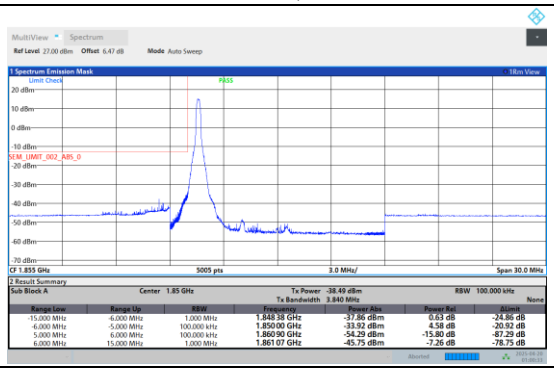

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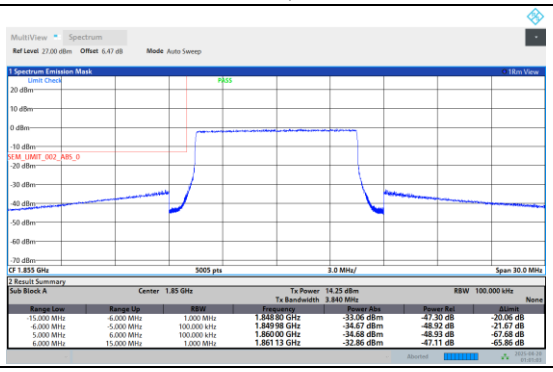

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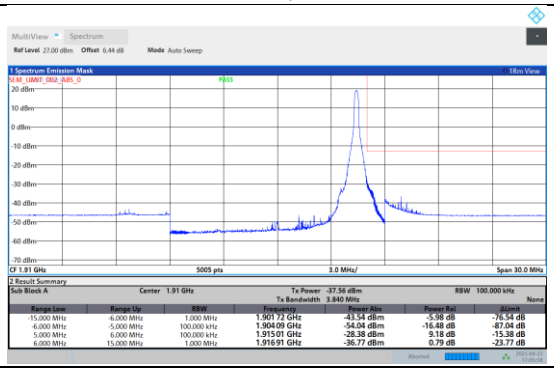

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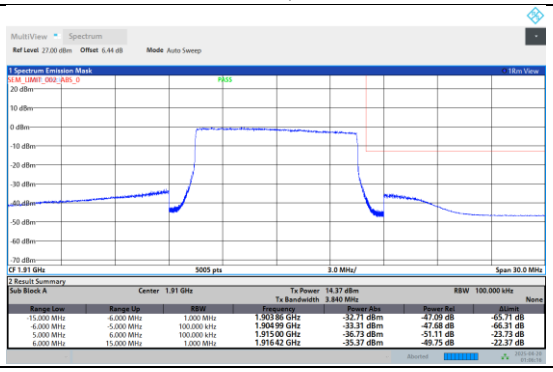

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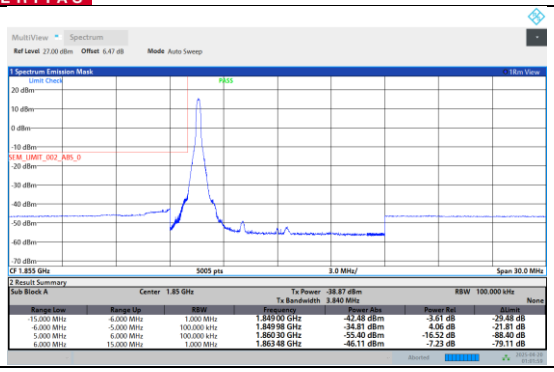

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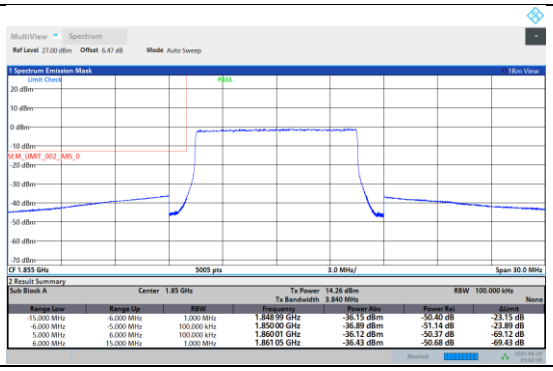

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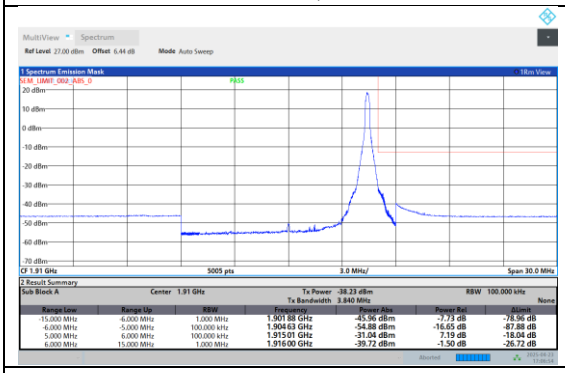

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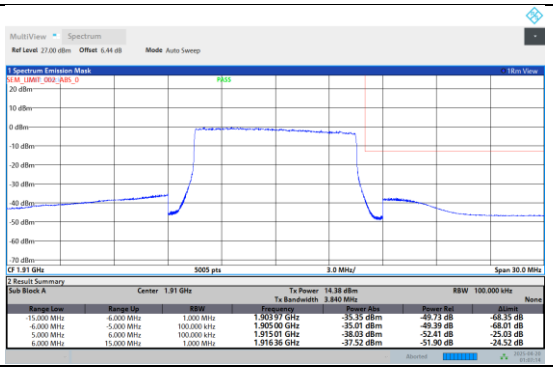

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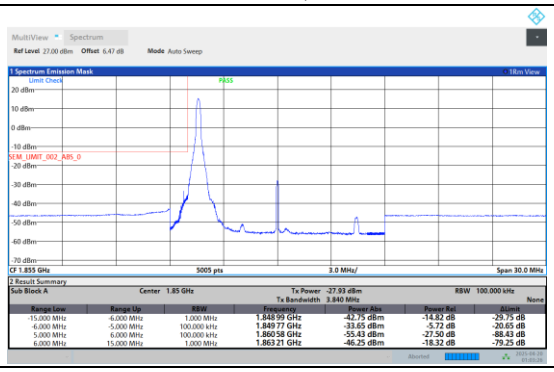

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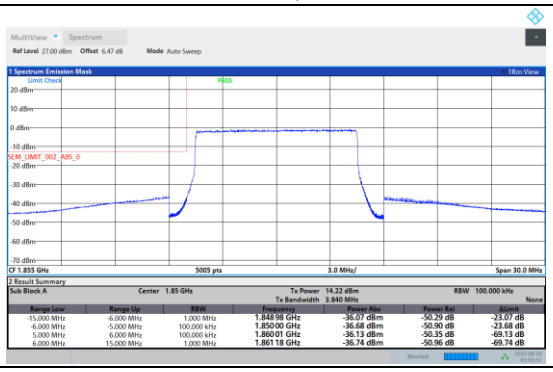

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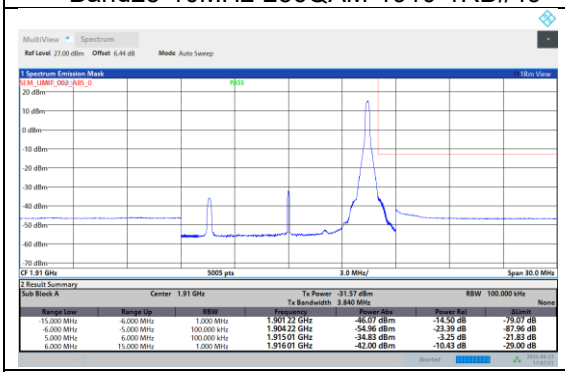
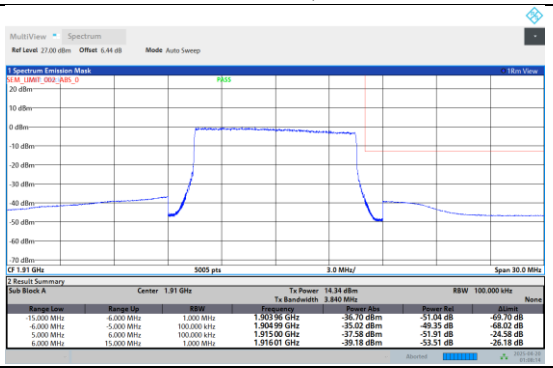


Band25-15MHz-QPSK-1857.5-1RB#0



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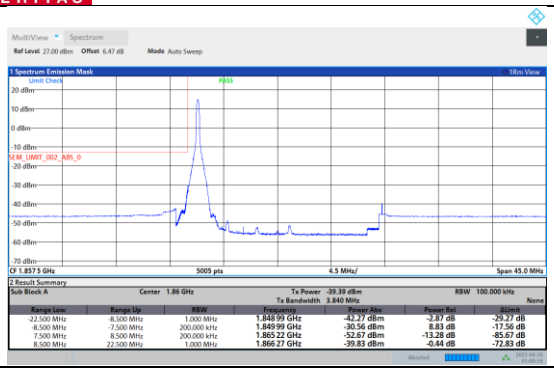
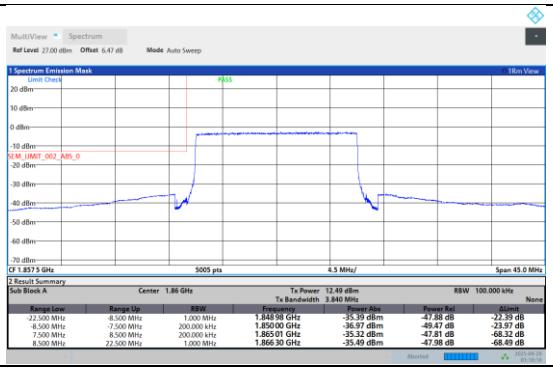


Band25-15MHz-QPSK-1907.5-1RB#74



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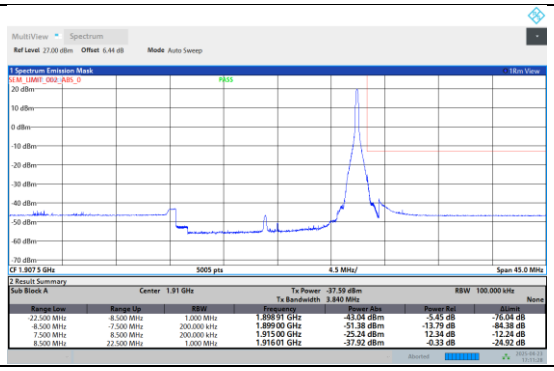

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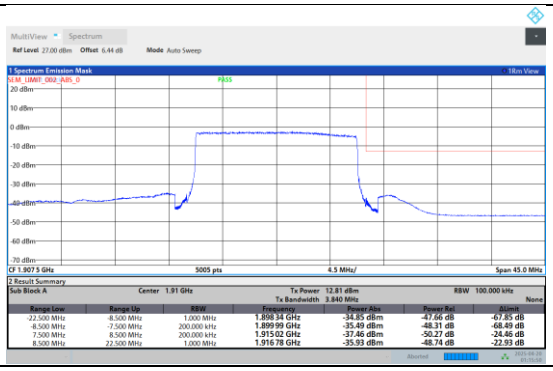

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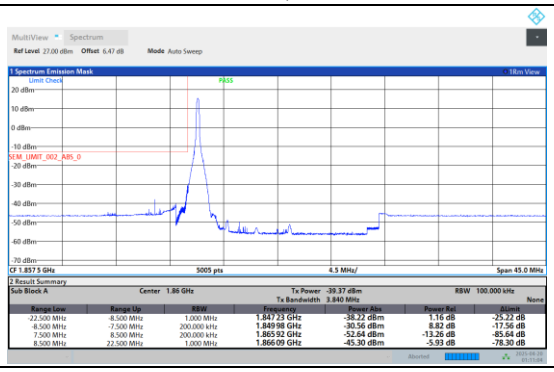

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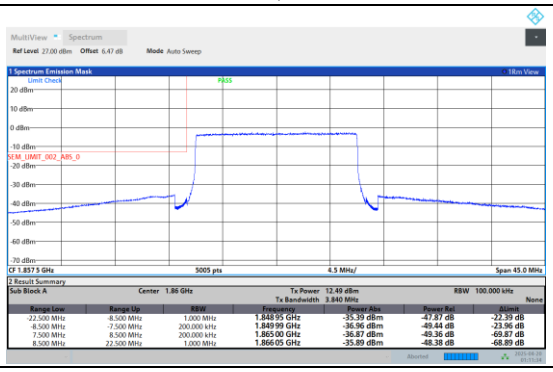

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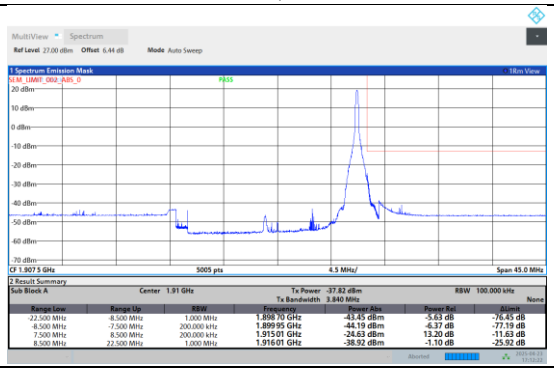

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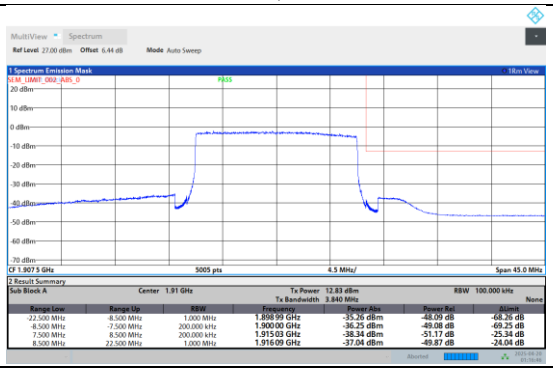

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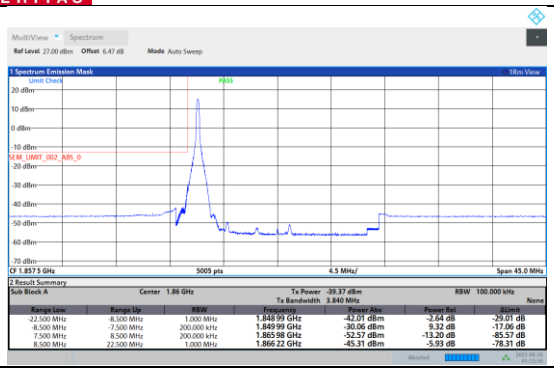
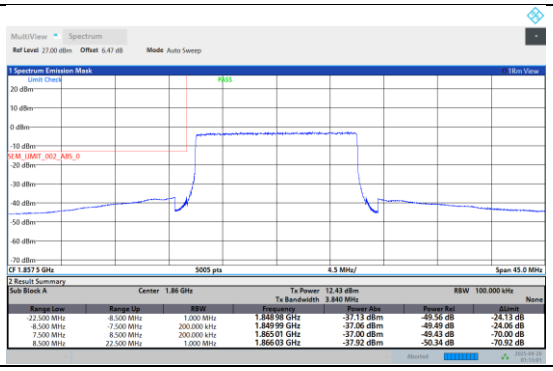


Band25-15MHz-64QAM-1907.5-1RB#74



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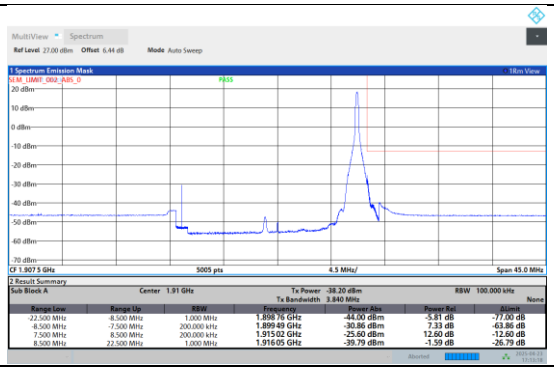

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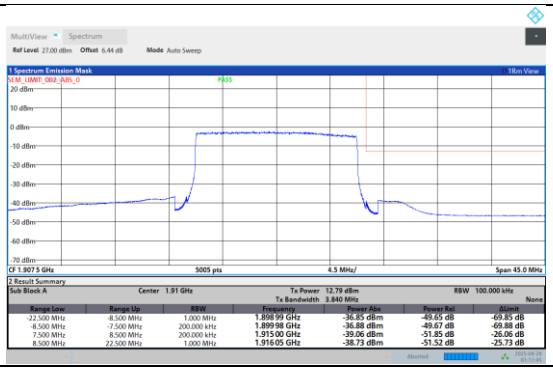

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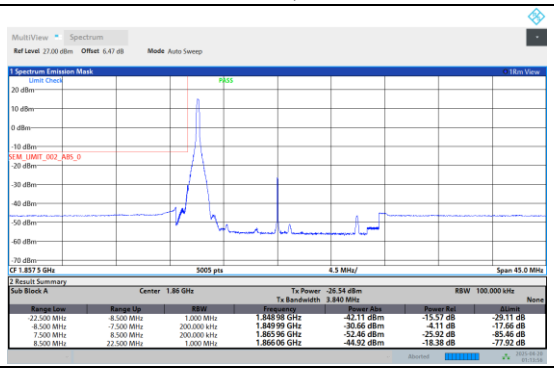

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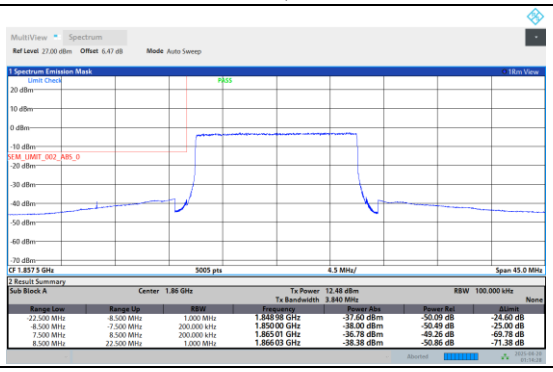

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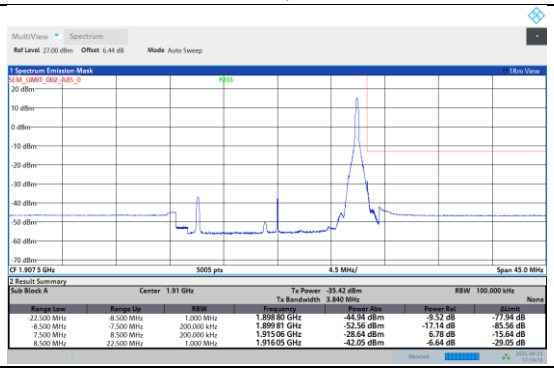
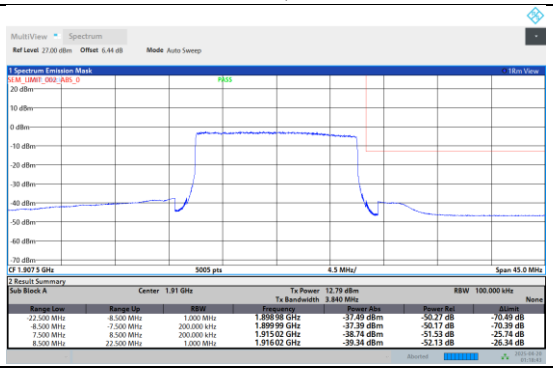
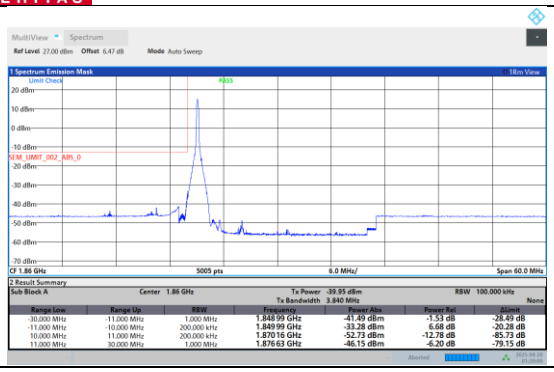


Band25-20MHz-QPSK-1860-1RB#0



Band25-20MHz-QPSK-1860-100RB#0



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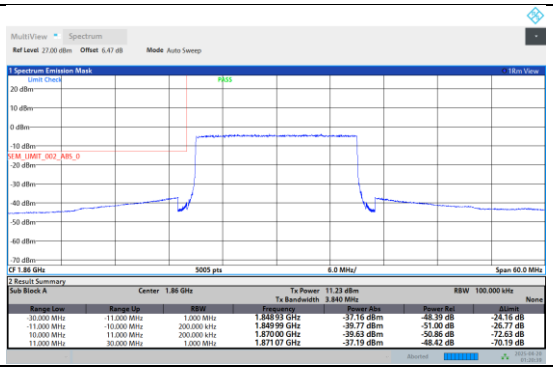

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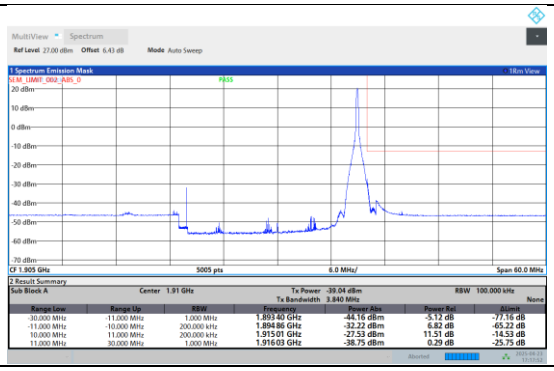
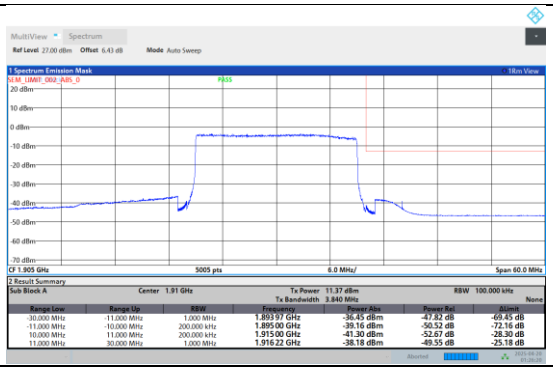


Band25-20MHz-16QAM-1860-1RB#0



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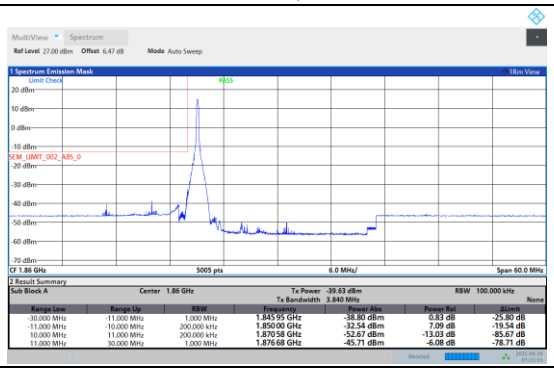

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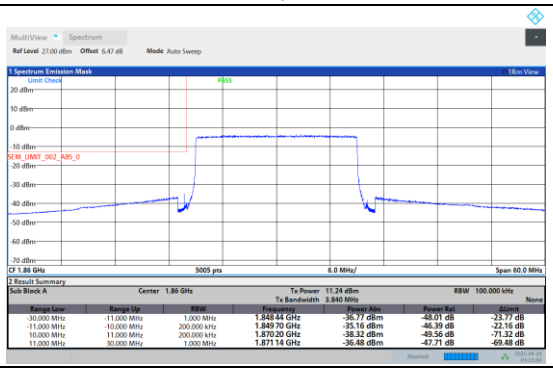

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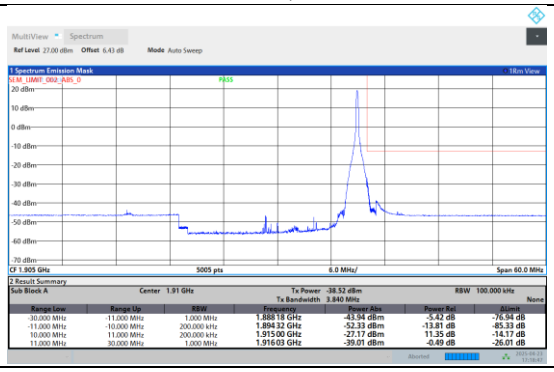

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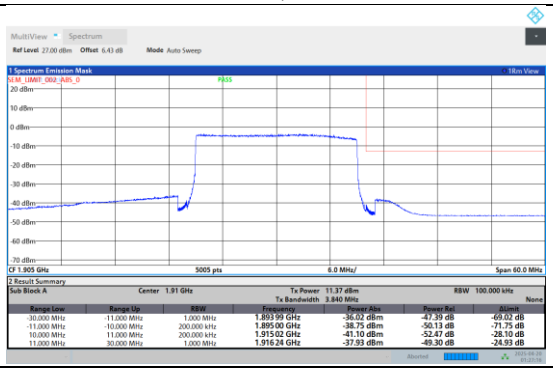

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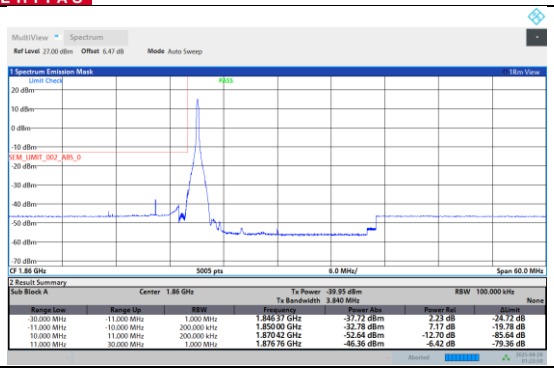

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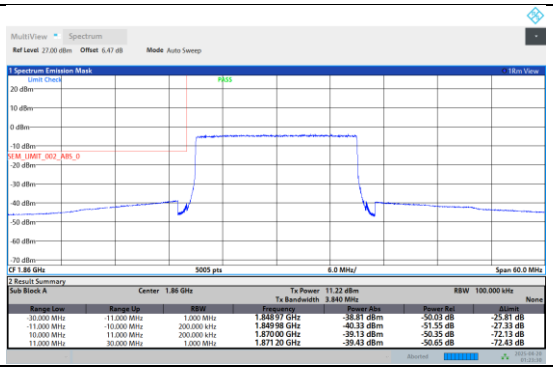

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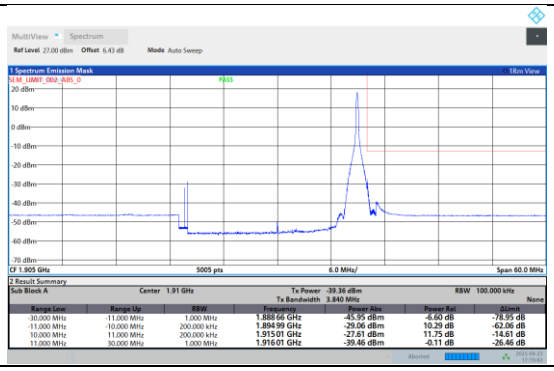
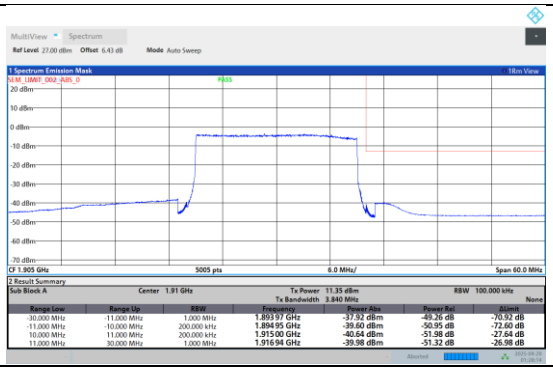
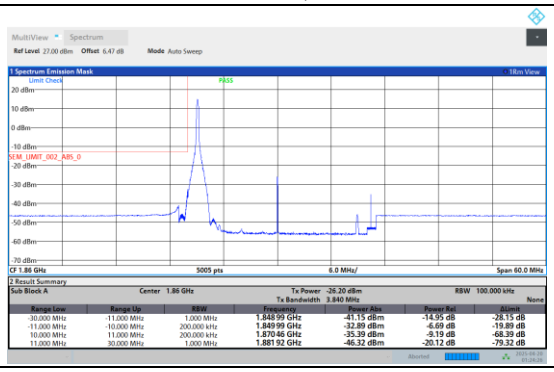


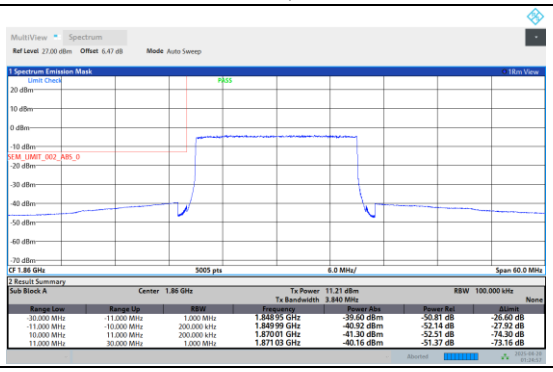
Band25-20MHz-256QAM-1860-1RB#0



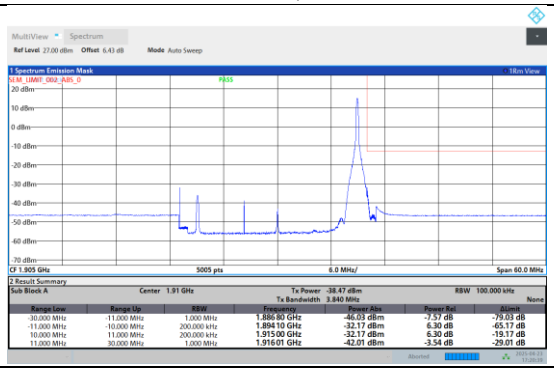
Band25-20MHz-256QAM-1860-100RB#0

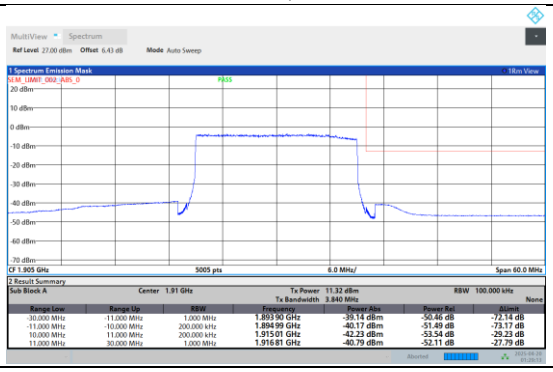


Band25-20MHz-256QAM-1905-1RB#99



Band25-20MHz-256QAM-1905-100RB#0





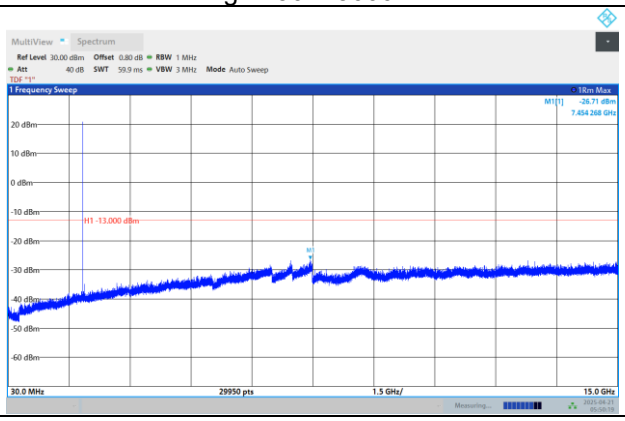
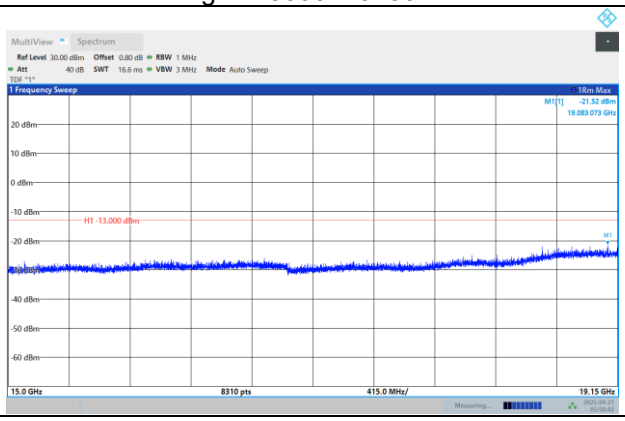
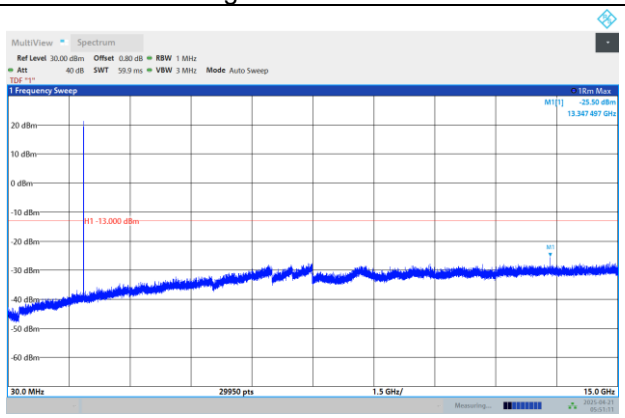
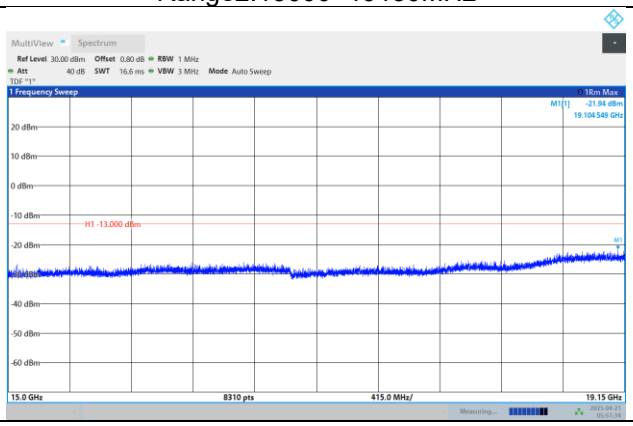
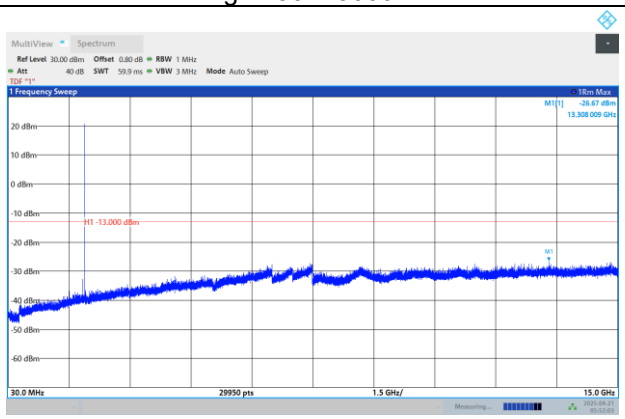
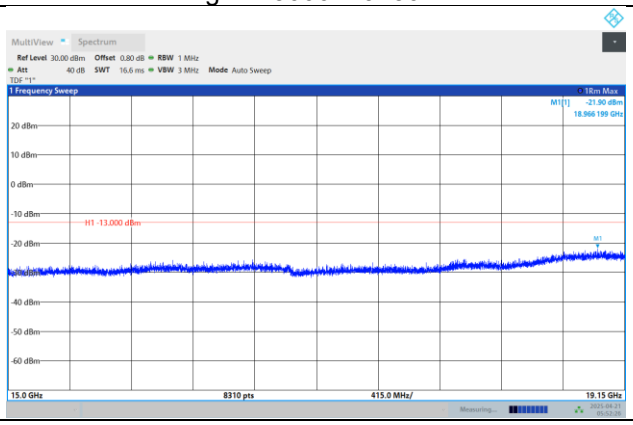
CONDUCTED SPURIOUS EMISSION

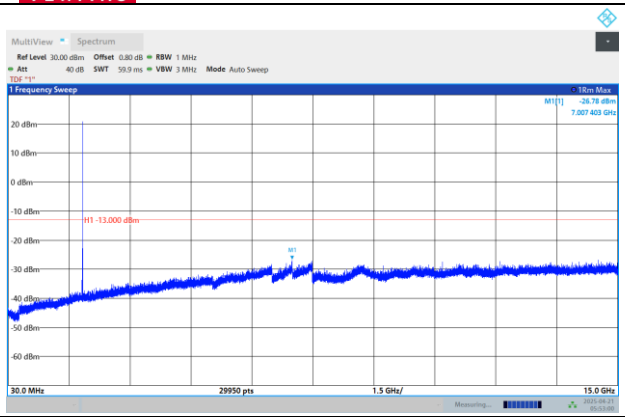
Test Result

Band	Bandwidth	Modulation	Frequency (MHz)	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band25	1.4MHz	QPSK	1850.7	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	1.4MHz	QPSK	1850.7	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	1.4MHz	QPSK	1882.5	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	1.4MHz	QPSK	1882.5	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	1.4MHz	QPSK	1914.3	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	1.4MHz	QPSK	1914.3	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	3MHz	QPSK	1851.5	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	3MHz	QPSK	1851.5	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	3MHz	QPSK	1882.5	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	3MHz	QPSK	1882.5	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	3MHz	QPSK	1913.5	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	3MHz	QPSK	1913.5	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	5MHz	QPSK	1852.5	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	5MHz	QPSK	1852.5	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	5MHz	QPSK	1882.5	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	5MHz	QPSK	1882.5	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	5MHz	QPSK	1912.5	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	5MHz	QPSK	1912.5	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	10MHz	QPSK	1855	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	10MHz	QPSK	1855	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	10MHz	QPSK	1882.5	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	10MHz	QPSK	1882.5	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	10MHz	QPSK	1910	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	10MHz	QPSK	1910	1RB#0	Range2:15000~19150MHz	See Graph	PASS

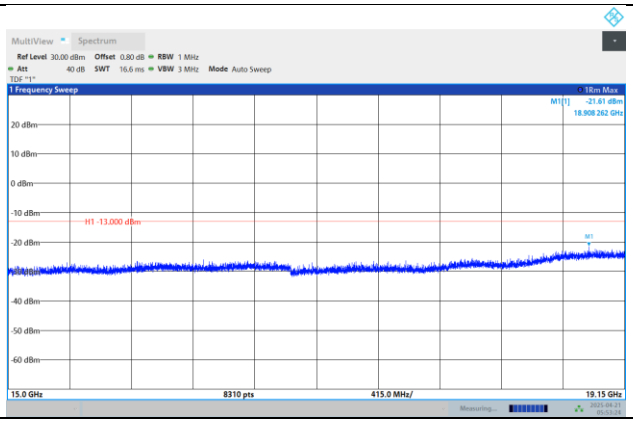
Band25	15MHz	QPSK	1857.5	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	15MHz	QPSK	1857.5	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	15MHz	QPSK	1882.5	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	15MHz	QPSK	1882.5	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	15MHz	QPSK	1907.5	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	15MHz	QPSK	1907.5	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	20MHz	QPSK	1860	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	20MHz	QPSK	1860	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	20MHz	QPSK	1882.5	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	20MHz	QPSK	1882.5	1RB#0	Range2:15000~19150MHz	See Graph	PASS
Band25	20MHz	QPSK	1905	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band25	20MHz	QPSK	1905	1RB#0	Range2:15000~19150MHz	See Graph	PASS

Test Graphs

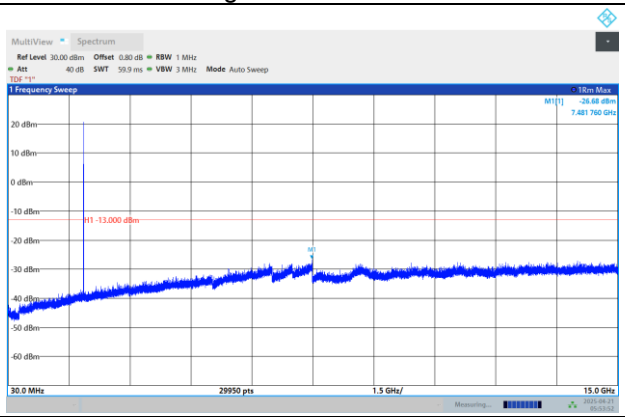
Band25-1.4MHz-QPSK-1850.7-1RB#0-Range1:30~15000MHz	Band25-1.4MHz-QPSK-1850.7-1RB#0-Range2:15000~19150MHz
	
Band25-1.4MHz-QPSK-1882.5-1RB#0-Range1:30~15000MHz	Band25-1.4MHz-QPSK-1882.5-1RB#0-Range2:15000~19150MHz
	
Band25-1.4MHz-QPSK-1914.3-1RB#0-Range1:30~15000MHz	Band25-1.4MHz-QPSK-1914.3-1RB#0-Range2:15000~19150MHz
	
Band25-3MHz-QPSK-1851.5-1RB#0-Range1:30~15000MHz	Band25-3MHz-QPSK-1851.5-1RB#0-Range2:15000~19150MHz



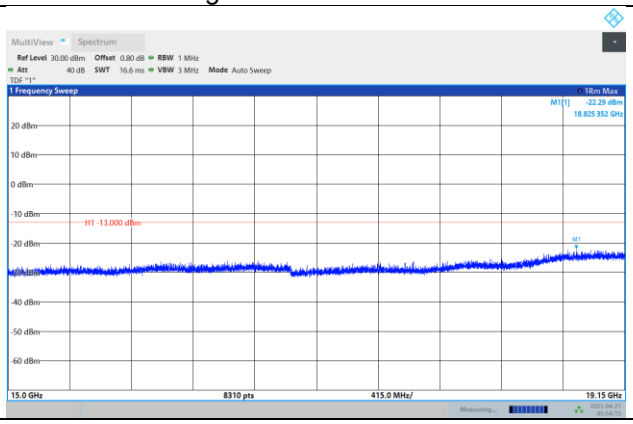
Band25-3MHz-QPSK-1882.5-1RB#0-Range1:30~15000MHz



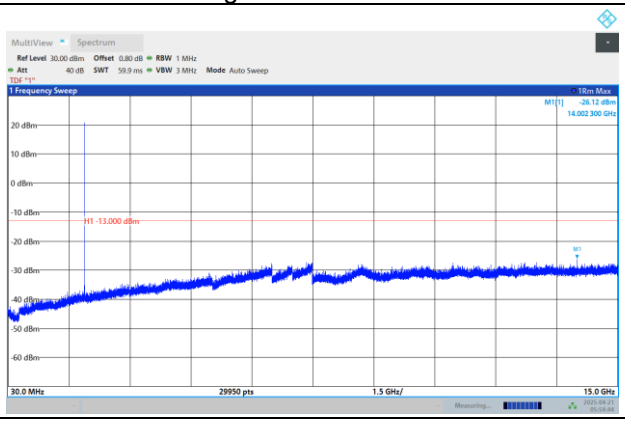
Band25-3MHz-QPSK-1882.5-1RB#0-Range2:15000~19150MHz



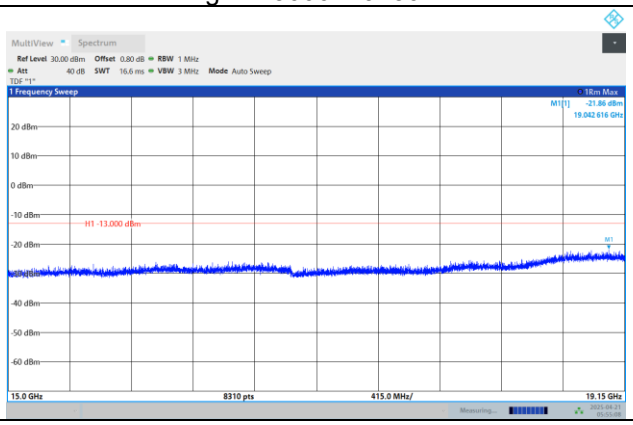
Band25-3MHz-QPSK-1913.5-1RB#0-Range1:30~15000MHz



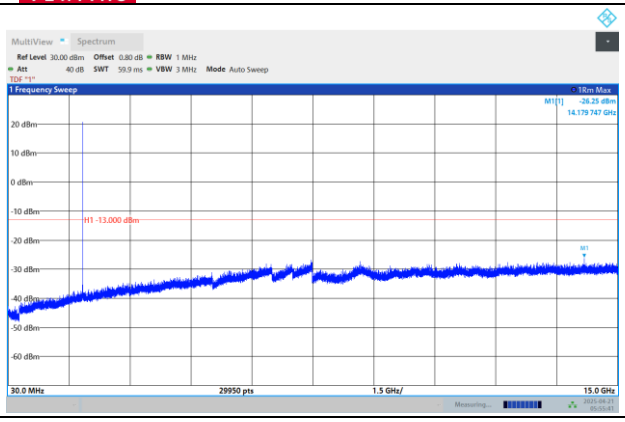
Band25-3MHz-QPSK-1913.5-1RB#0-Range2:15000~19150MHz



Band25-5MHz-QPSK-1852.5-1RB#0-Range1:30~15000MHz



Band25-5MHz-QPSK-1852.5-1RB#0-Range2:15000~19150MHz



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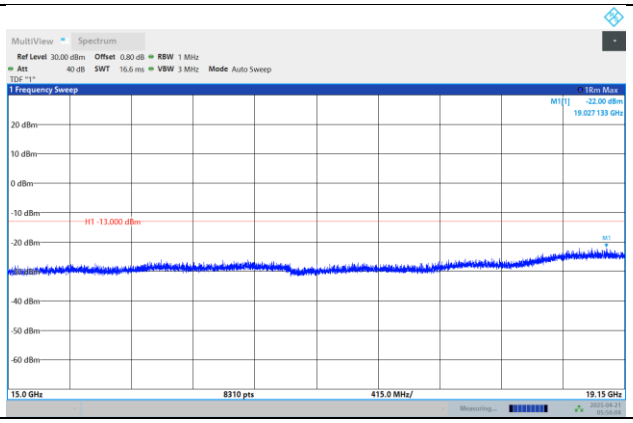
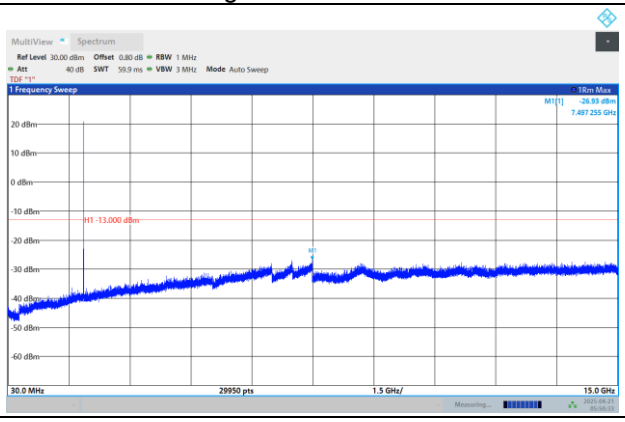


Band25-5MHz-QPSK-1882.5-1RB#0-Range2:15000~19150MHz



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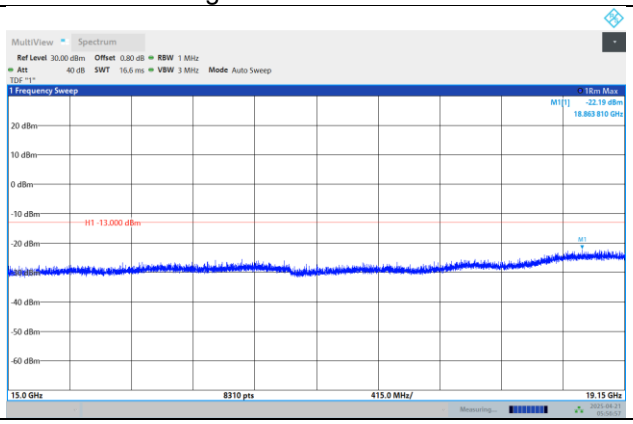

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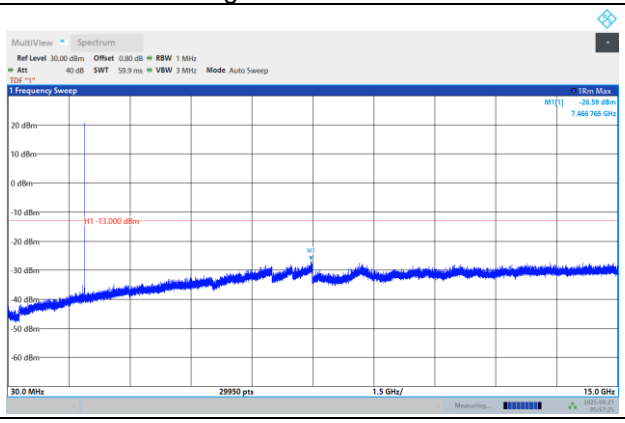

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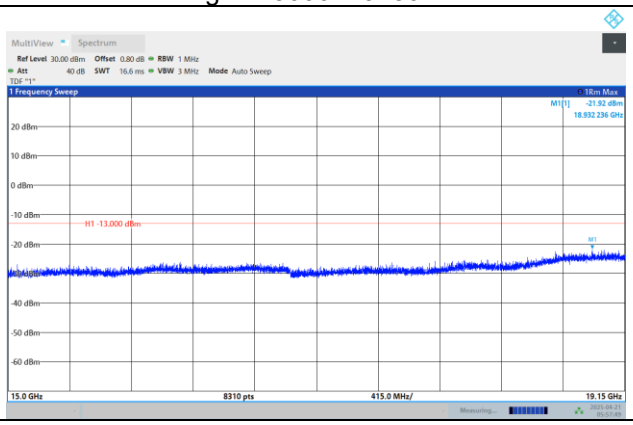
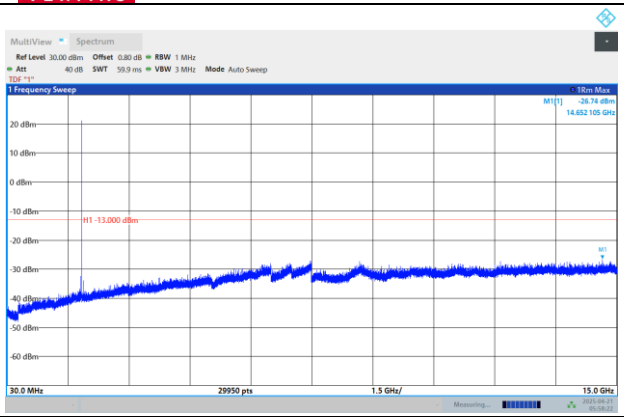
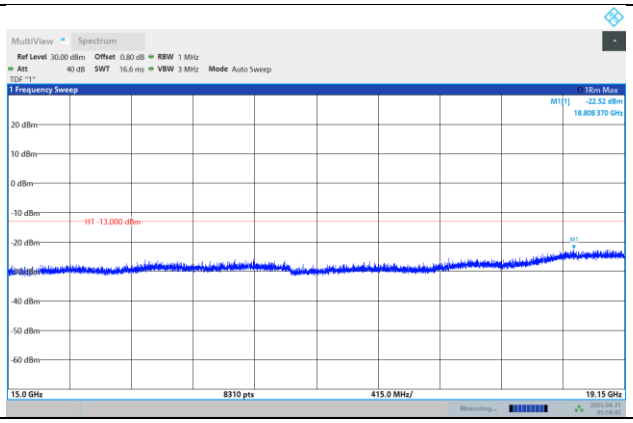


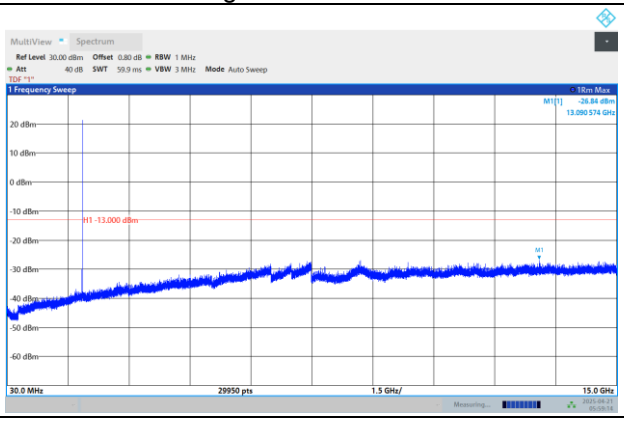
Band25-10MHz-QPSK-1855-1RB#0-Range2:15000~19150MHz



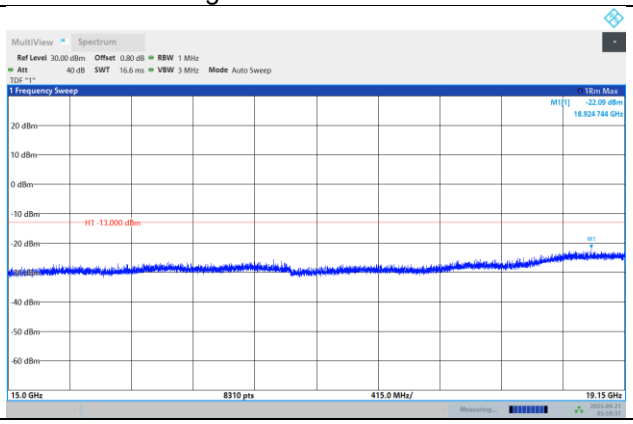
Band25-10MHz-QPSK-1882.5-1RB#0-Range1:30~15000MHz



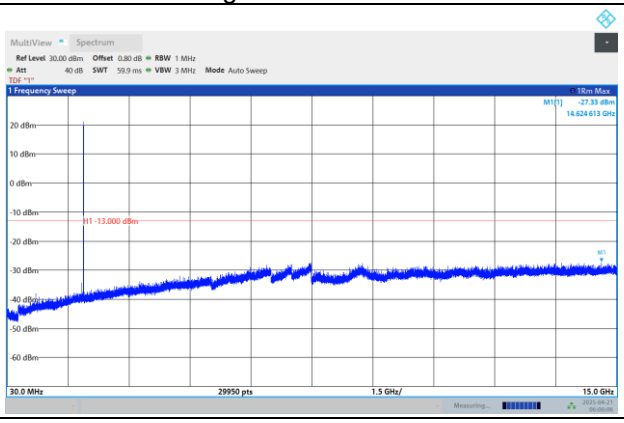
Band25-10MHz-QPSK-1882.5-1RB#0-Range2:15000~19150MHz



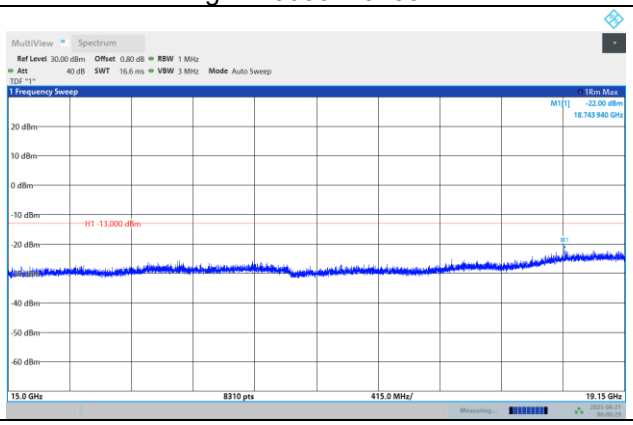
Band25-10MHz-QPSK-1910-1RB#0-Range1:30~15000MHz



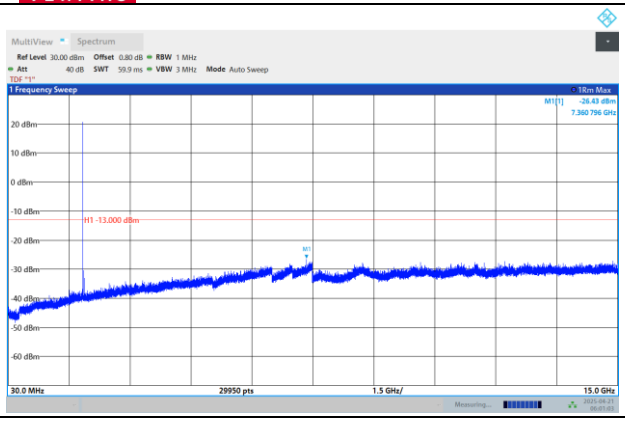
Band25-10MHz-QPSK-1910-1RB#0-Range2:15000~19150MHz



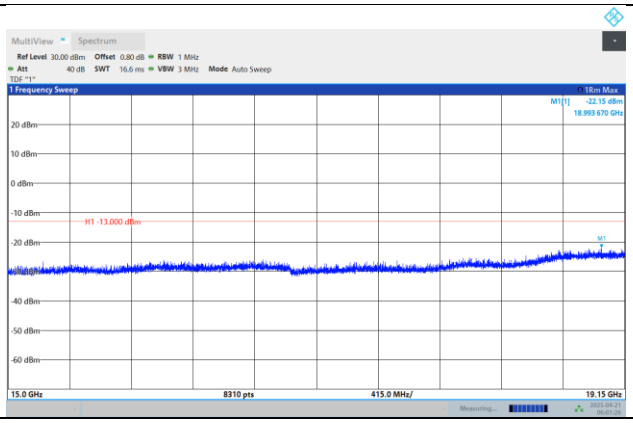
Band25-15MHz-QPSK-1857.5-1RB#0-Range1:30~15000MHz



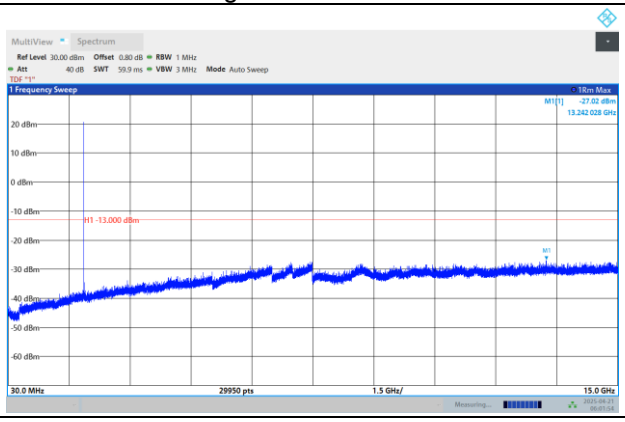
Band25-15MHz-QPSK-1857.5-1RB#0-Range2:15000~19150MHz



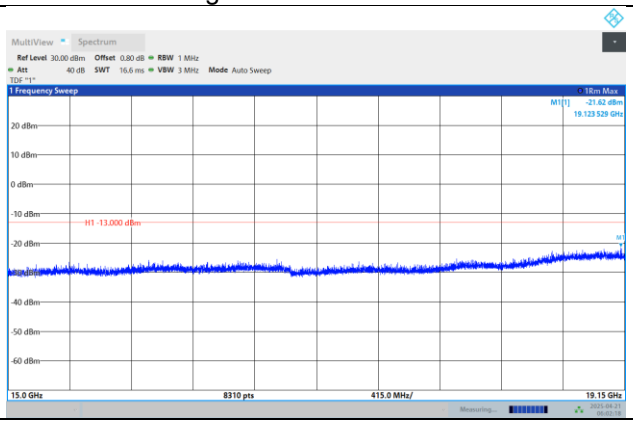
Band25-15MHz-QPSK-1882.5-1RB#0-Range1:30~15000MHz



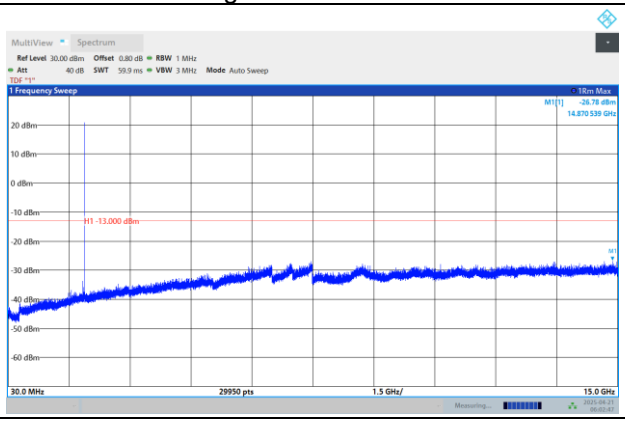
Band25-15MHz-QPSK-1882.5-1RB#0-Range2:15000~19150MHz



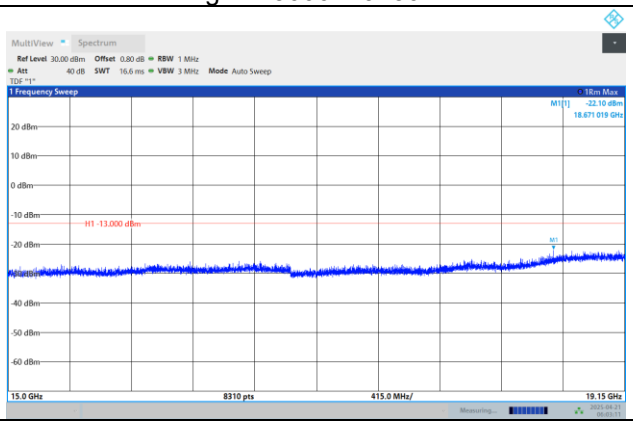
Band25-15MHz-QPSK-1907.5-1RB#0-Range1:30~15000MHz



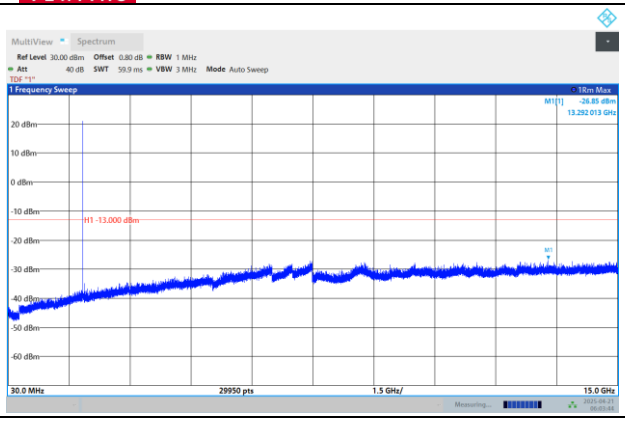
Band25-15MHz-QPSK-1907.5-1RB#0-Range2:15000~19150MHz



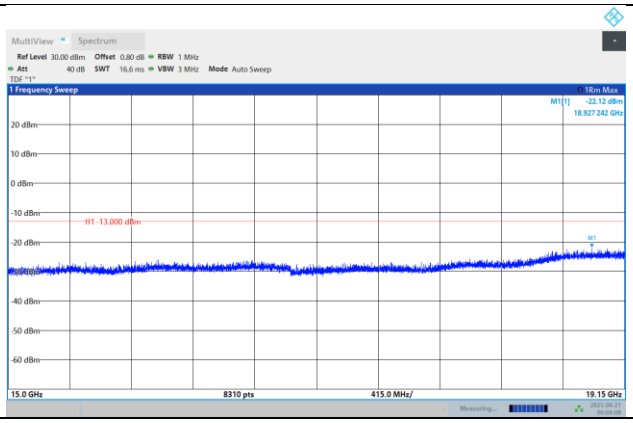
Band25-20MHz-QPSK-1860-1RB#0-Range1:30~15000MHz



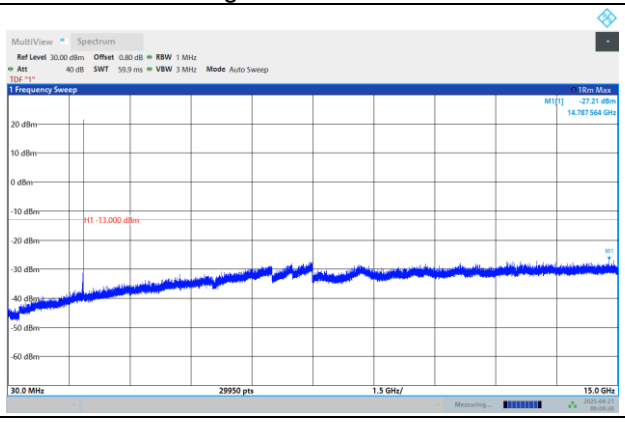
Band25-20MHz-QPSK-1860-1RB#0-Range2:15000~19150MHz



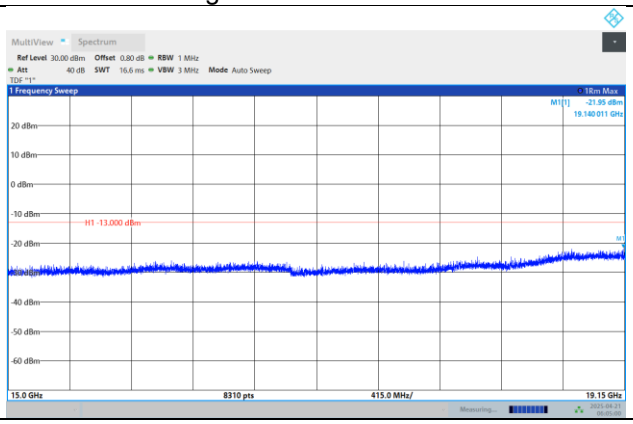
Band25-20MHz-QPSK-1882.5-1RB#0-Range1:30~15000MHz



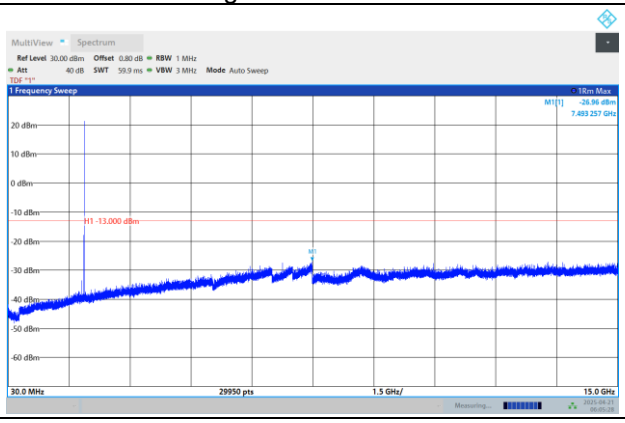
Band25-20MHz-QPSK-1882.5-1RB#0-Range2:15000~19150MHz

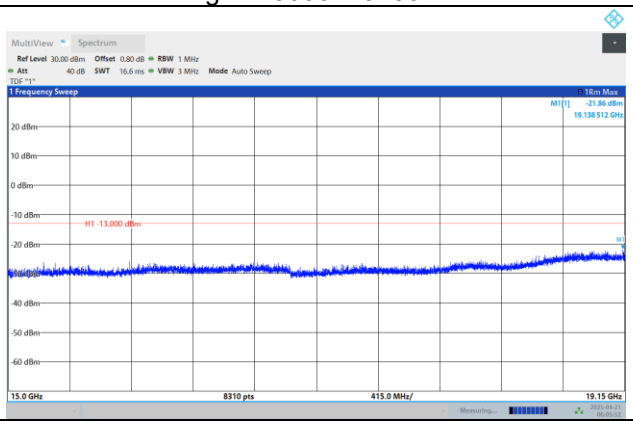


Band25-20MHz-QPSK-1905-1RB#0-Range1:30~15000MHz



Band25-20MHz-QPSK-1905-1RB#0-Range2:15000~19150MHz





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Frequency (MHz)	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	20MHz	QPSK	1860	100RB#0	VL	NT	-2.50	-0.0013	±2.5	PASS
Band25	20MHz	QPSK	1860	100RB#0	VN	NT	23.60	0.0127	±2.5	PASS
Band25	20MHz	QPSK	1860	100RB#0	VH	NT	-16.30	-0.0088	±2.5	PASS
Band25	20MHz	QPSK	1882.5	100RB#0	VL	NT	18.90	0.0101	±2.5	PASS
Band25	20MHz	QPSK	1882.5	100RB#0	VN	NT	-7.50	-0.0040	±2.5	PASS
Band25	20MHz	QPSK	1882.5	100RB#0	VH	NT	21.20	0.0113	±2.5	PASS
Band25	20MHz	QPSK	1905	100RB#0	VL	NT	16.60	0.0087	±2.5	PASS
Band25	20MHz	QPSK	1905	100RB#0	VN	NT	-12.50	-0.0066	±2.5	PASS
Band25	20MHz	QPSK	1905	100RB#0	VH	NT	-21.00	-0.0110	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Frequency (MHz)	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	20MHz	QPSK	1860	100RB#0	NV	-30	-27.60	-0.0148	±2.5	PASS
Band25	20MHz	QPSK	1860	100RB#0	NV	-20	-13.70	-0.0074	±2.5	PASS
Band25	20MHz	QPSK	1860	100RB#0	NV	-10	10.80	0.0058	±2.5	PASS
Band25	20MHz	QPSK	1860	100RB#0	NV	0	20.70	0.0111	±2.5	PASS
Band25	20MHz	QPSK	1860	100RB#0	NV	10	-34.50	-0.0185	±2.5	PASS
Band25	20MHz	QPSK	1860	100RB#0	NV	20	-16.60	-0.0089	±2.5	PASS
Band25	20MHz	QPSK	1860	100RB#0	NV	30	23.10	0.0124	±2.5	PASS
Band25	20MHz	QPSK	1860	100RB#0	NV	40	-31.30	-0.0168	±2.5	PASS
Band25	20MHz	QPSK	1860	100RB#0	NV	50	-15.00	-0.0081	±2.5	PASS
Band25	20MHz	QPSK	1882.5	100RB#0	NV	-30	20.40	0.0109	±2.5	PASS
Band25	20MHz	QPSK	1882.5	100RB#0	NV	-20	2.80	0.0015	±2.5	PASS
Band25	20MHz	QPSK	1882.5	100RB#0	NV	-10	18.70	0.0099	±2.5	PASS
Band25	20MHz	QPSK	1882.5	100RB#0	NV	0	22.00	0.0117	±2.5	PASS
Band25	20MHz	QPSK	1882.5	100RB#0	NV	10	2.70	0.0014	±2.5	PASS
Band25	20MHz	QPSK	1882.5	100RB#0	NV	20	31.80	0.0169	±2.5	PASS
Band25	20MHz	QPSK	1882.5	100RB#0	NV	30	-1.20	-0.0006	±2.5	PASS
Band25	20MHz	QPSK	1882.5	100RB#0	NV	40	9.90	0.0053	±2.5	PASS
Band25	20MHz	QPSK	1882.5	100RB#0	NV	50	17.00	0.0090	±2.5	PASS
Band25	20MHz	QPSK	1905	100RB#0	NV	-30	9.60	0.0050	±2.5	PASS
Band25	20MHz	QPSK	1905	100RB#0	NV	-20	15.30	0.0080	±2.5	PASS
Band25	20MHz	QPSK	1905	100RB#0	NV	-10	-9.90	-0.0052	±2.5	PASS
Band25	20MHz	QPSK	1905	100RB#0	NV	0	-12.80	-0.0067	±2.5	PASS
Band25	20MHz	QPSK	1905	100RB#0	NV	10	2.60	0.0014	±2.5	PASS
Band25	20MHz	QPSK	1905	100RB#0	NV	20	14.40	0.0076	±2.5	PASS
Band25	20MHz	QPSK	1905	100RB#0	NV	30	24.90	0.0131	±2.5	PASS
Band25	20MHz	QPSK	1905	100RB#0	NV	40	24.00	0.0126	±2.5	PASS
Band25	20MHz	QPSK	1905	100RB#0	NV	50	28.70	0.0151	±2.5	PASS

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