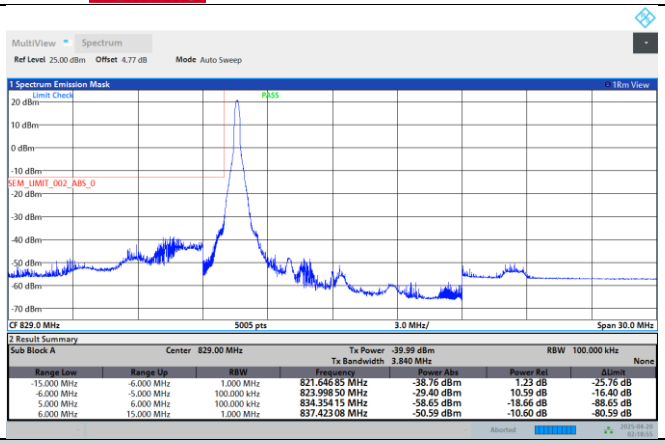
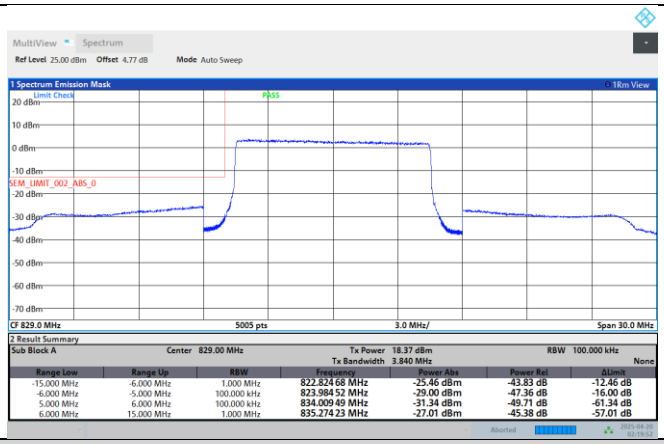
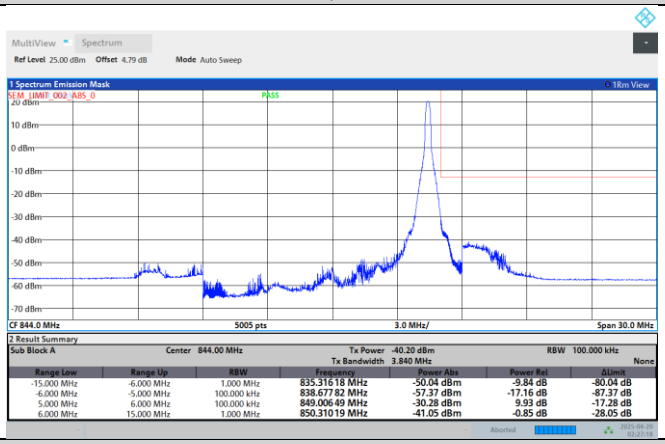


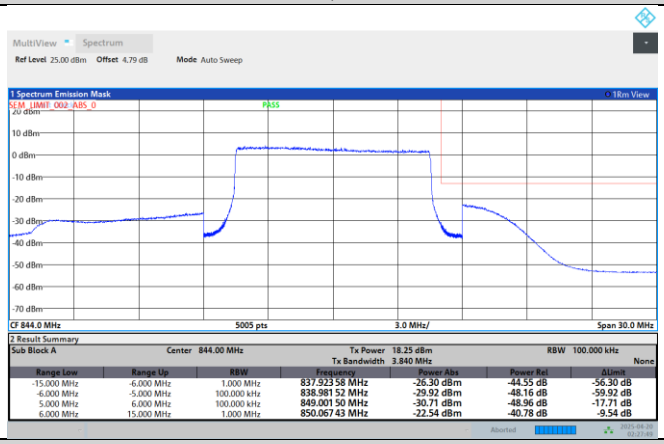
Band26-10MHz-QPSK-844-1RB#49



Band26-10MHz-QPSK-844-50RB#0



Band26-10MHz-16QAM-829-1RB#0



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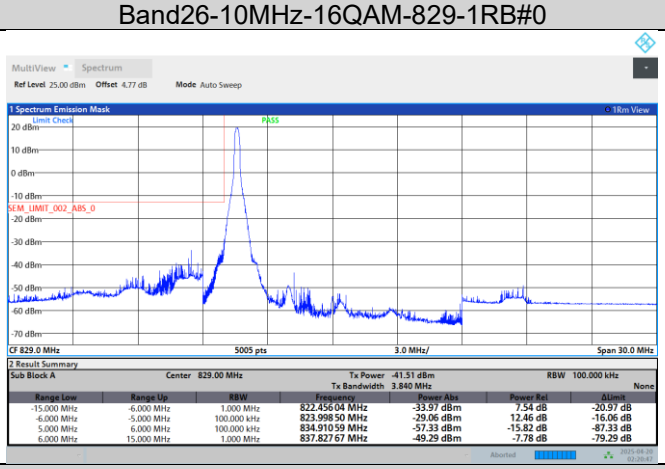

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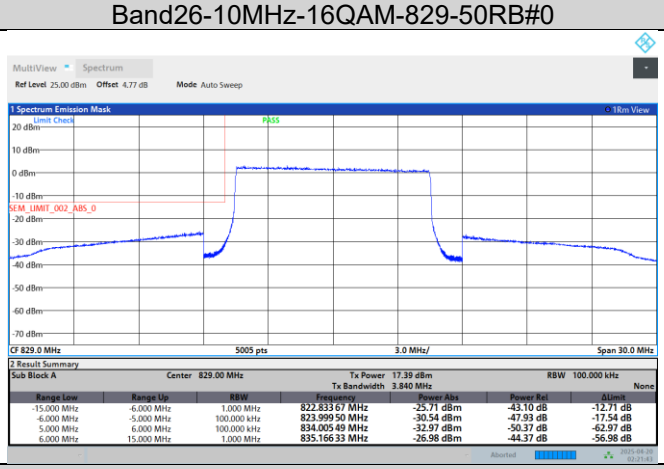

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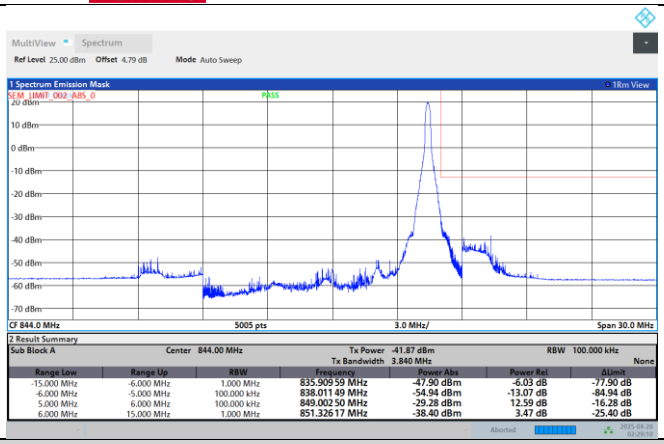
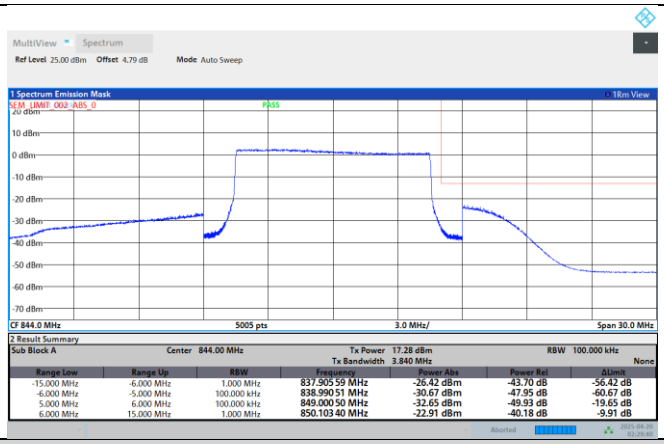
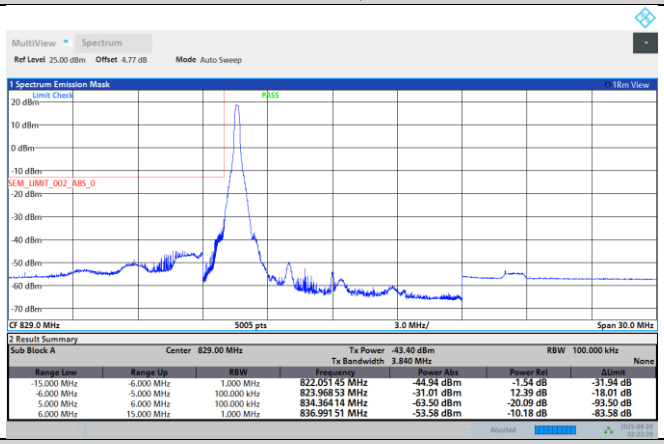


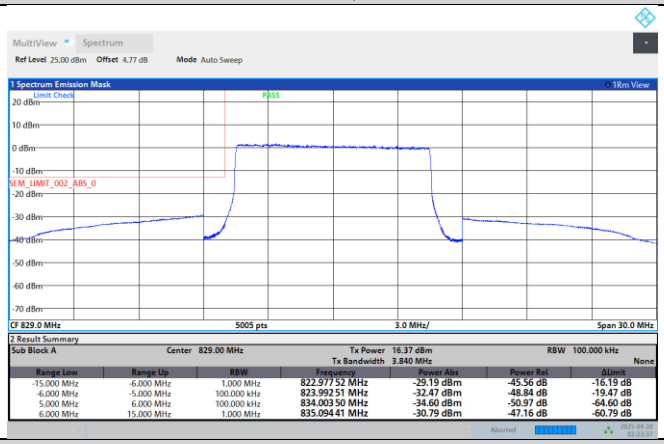
Band26-10MHz-64QAM-829-1RB#0



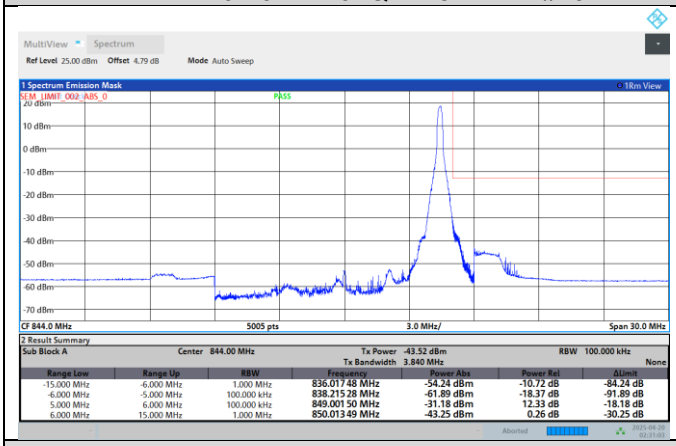
Band26-10MHz-64QAM-829-50RB#0



Band26-10MHz-64QAM-844-1RB#49



Band26-10MHz-64QAM-844-50RB#0



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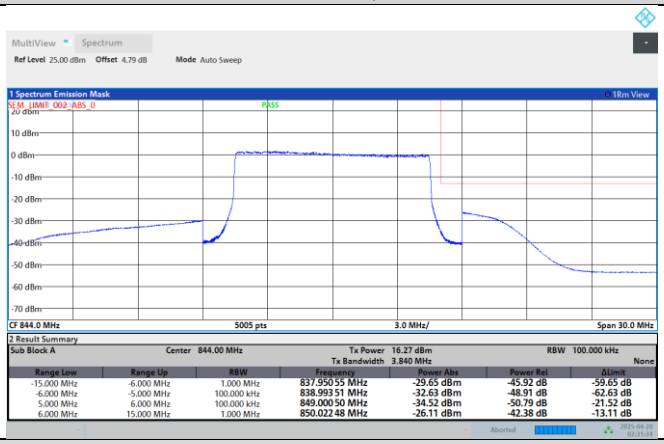
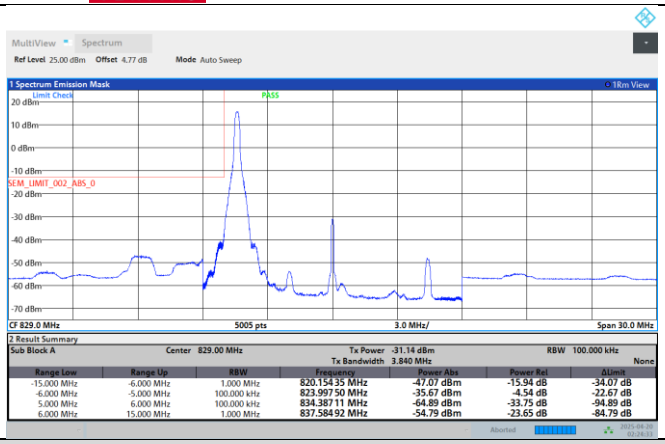


Band26-10MHz-256QAM-829-50RB#0



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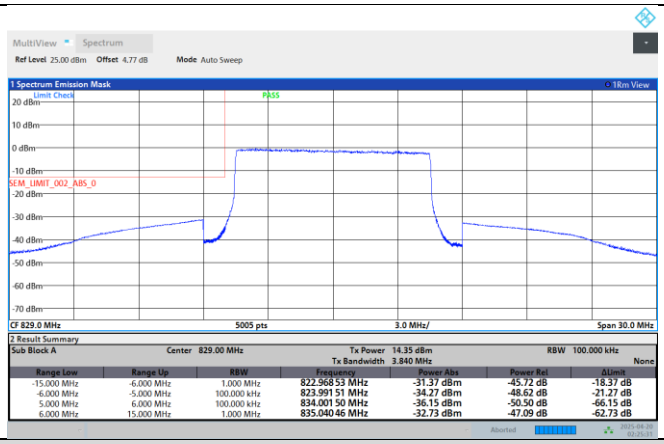
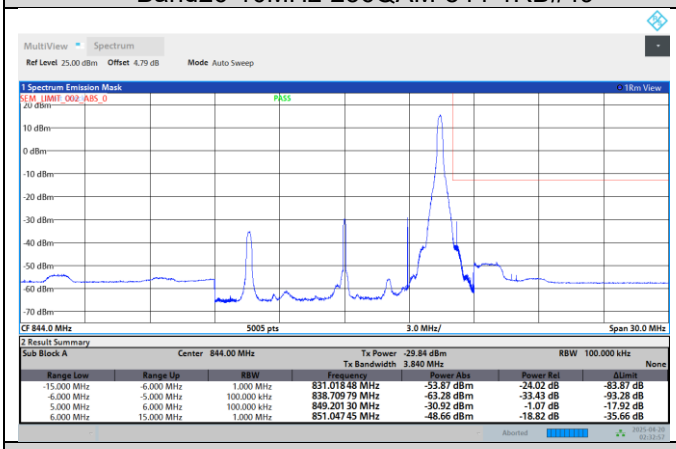
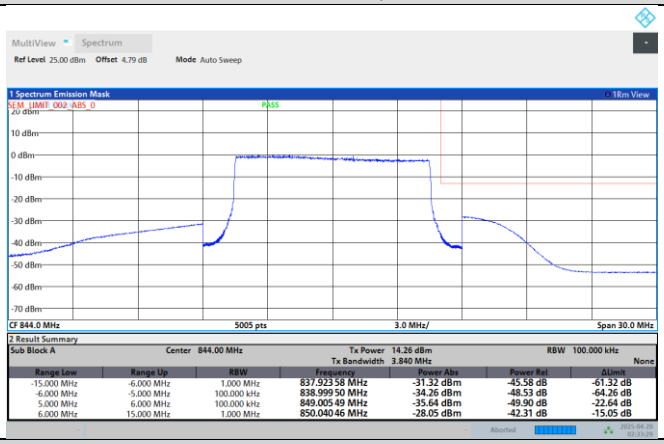


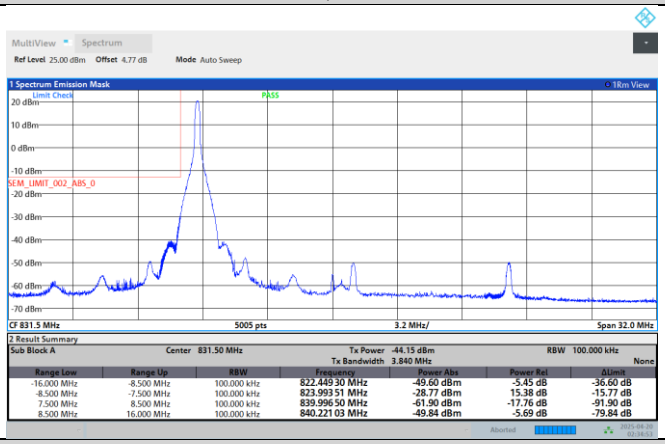
Band26-10MHz-256QAM-844-50RB#0



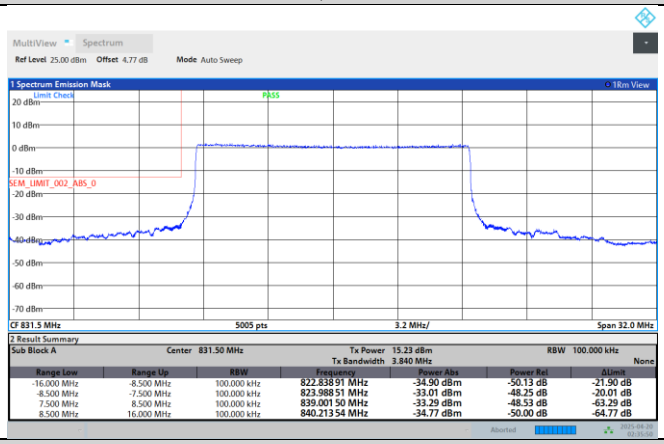
Band26-15MHz-QPSK-831.5-1RB#0



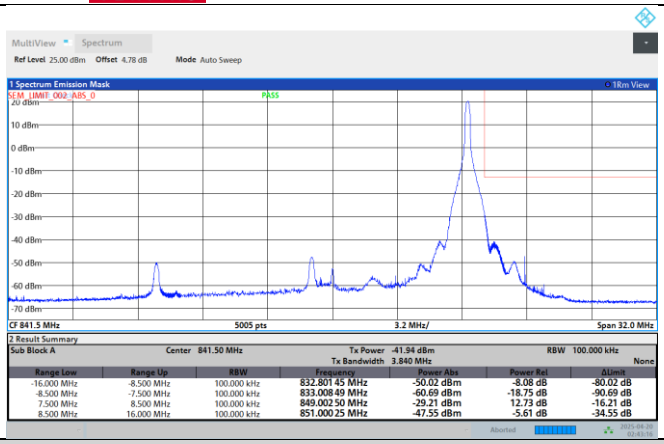
Band26-15MHz-QPSK-831.5-75RB#0



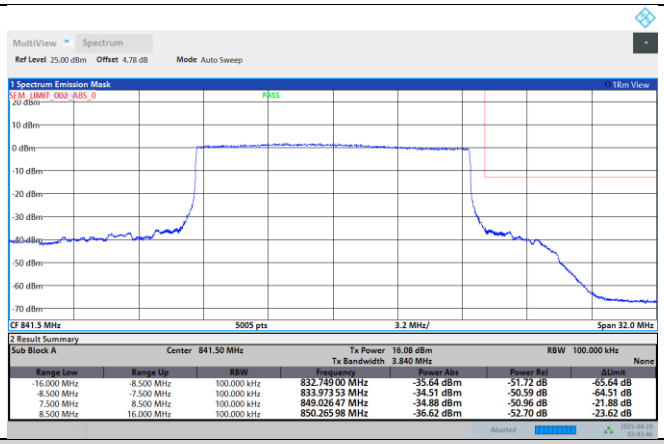
Band26-15MHz-QPSK-841.5-1RB#74



Band26-15MHz-QPSK-841.5-75RB#0



Band26-15MHz-16QAM-831.5-1RB#0



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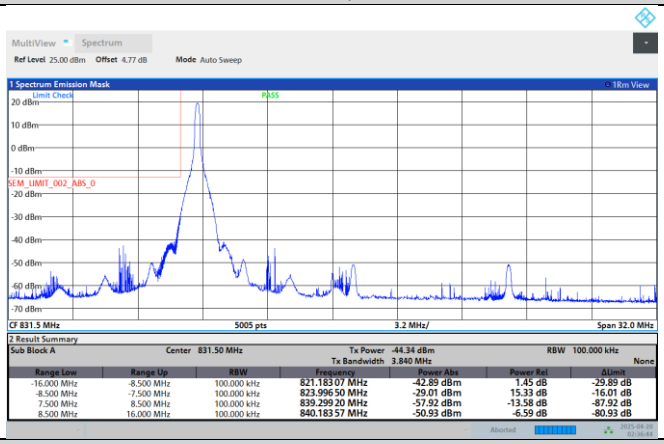

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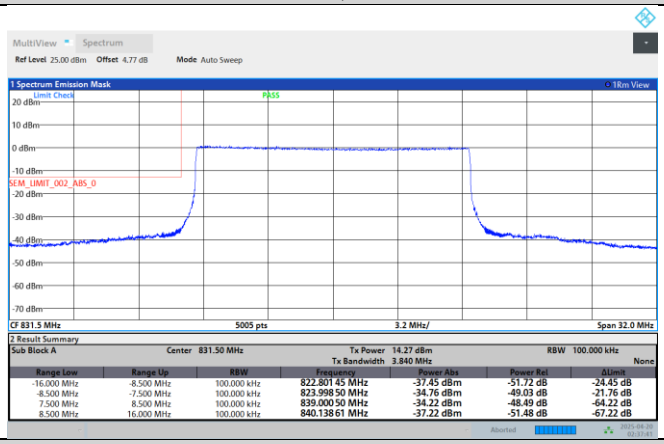

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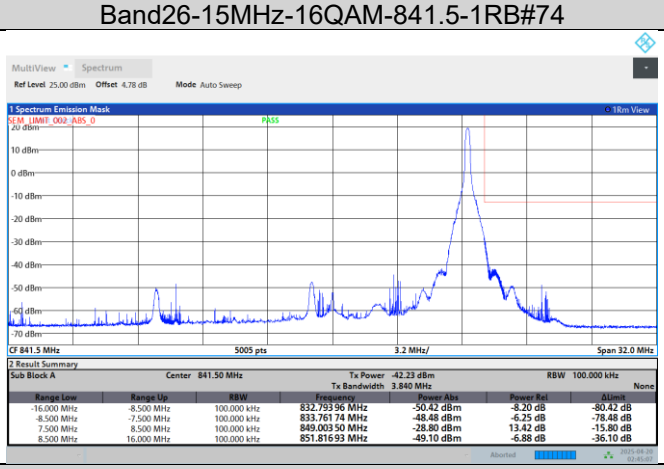

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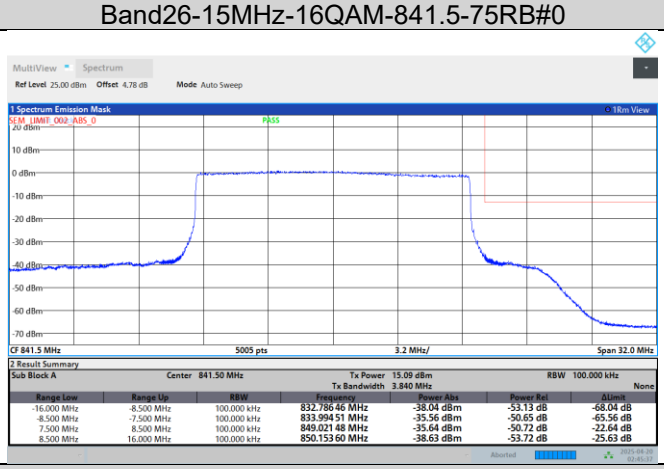

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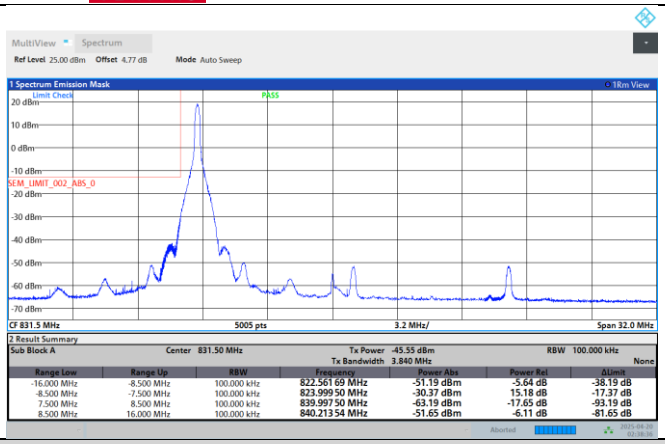
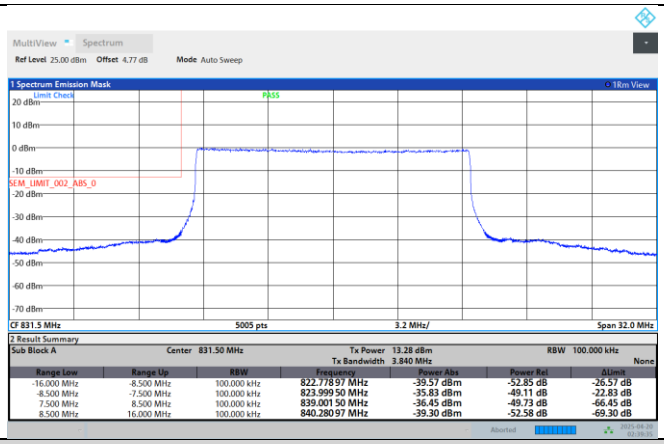


Band26-15MHz-64QAM-841.5-1RB#74



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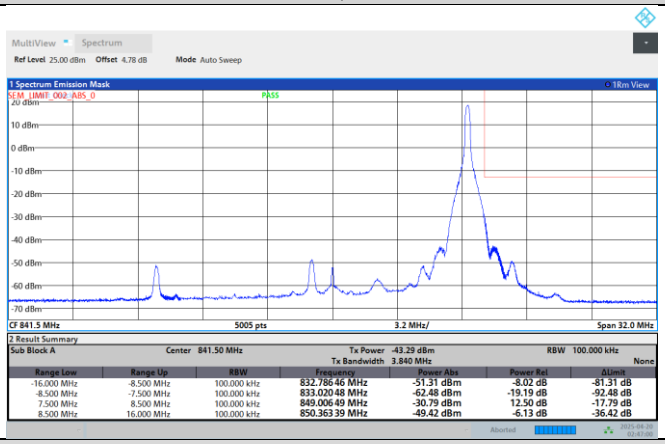

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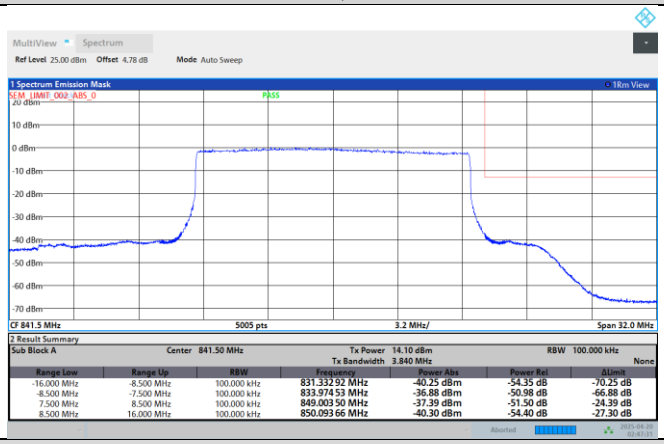

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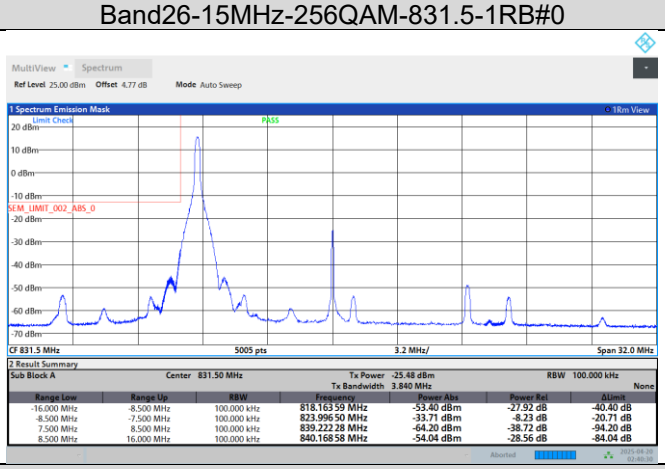
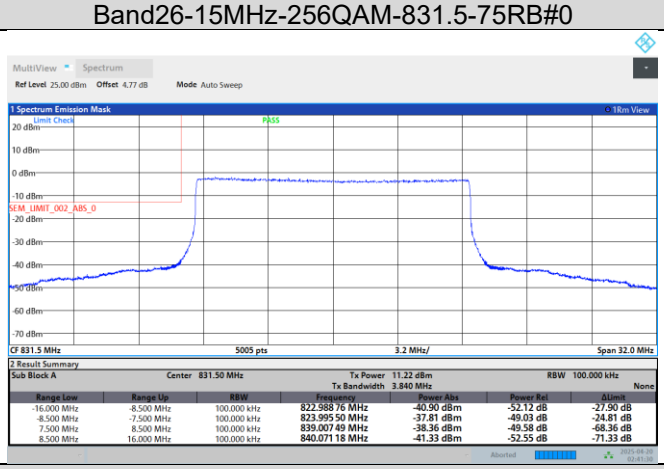
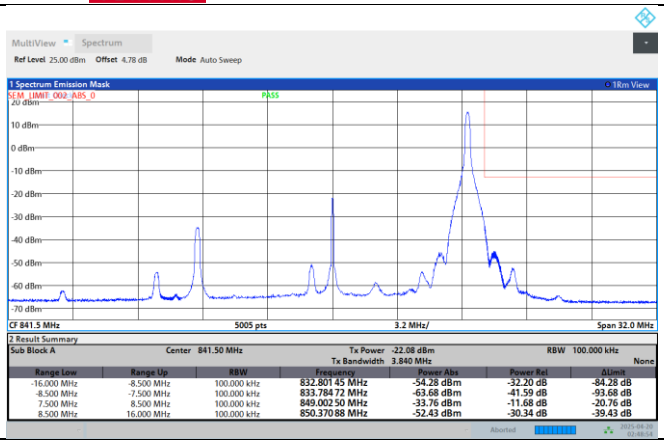
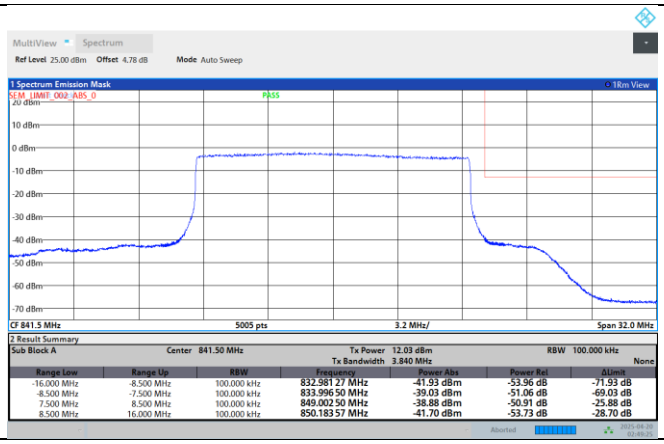


Band26-15MHz-256QAM-841.5-1RB#74



Band26-15MHz-256QAM-841.5-75RB#0


MultiView
Spectrum
Ref Level 25.00 dBm Offset 4.78 dB Mode Auto Sweep
1 Spectrum Emission Mask
1Rm View
SEM_LIMIT_002:ABS_0
PASS
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
CF 841.5 MHz
5005 pts
3.2 MHz/
Span 32.0 MHz
2 Result Summary
Sub Block A
Center 841.50 MHz
Tx Power -22.08 dBm
Tx Bandwidth 3.840 MHz
RBW 100.000 kHz
None
Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit
-16.000 MHz | -8.500 MHz | 100.000 kHz | 832.801 45 MHz | -54.28 dBm | -32.20 dB | -84.28 dB
-8.500 MHz | -7.500 MHz | 100.000 kHz | 833.784 72 MHz | -63.68 dBm | -41.59 dB | -93.68 dB
7.500 MHz | 8.500 MHz | 100.000 kHz | 849.002 50 MHz | -33.76 dBm | -11.68 dB | -20.76 dB
8.500 MHz | 16.000 MHz | 100.000 kHz | 850.370 88 MHz | -52.43 dBm | -30.34 dB | -39.43 dB
Aborted

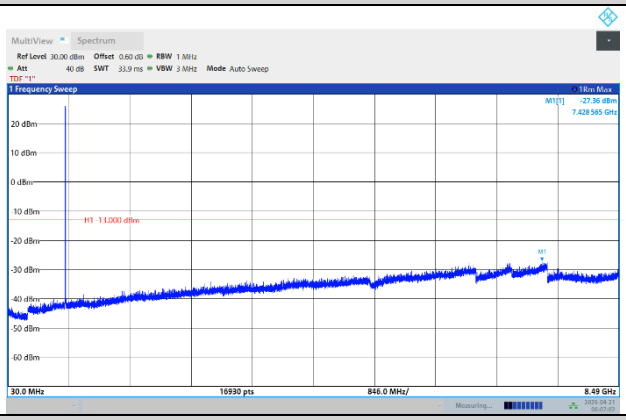
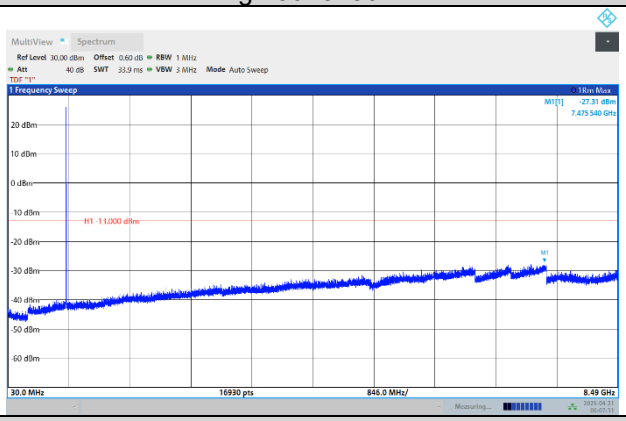
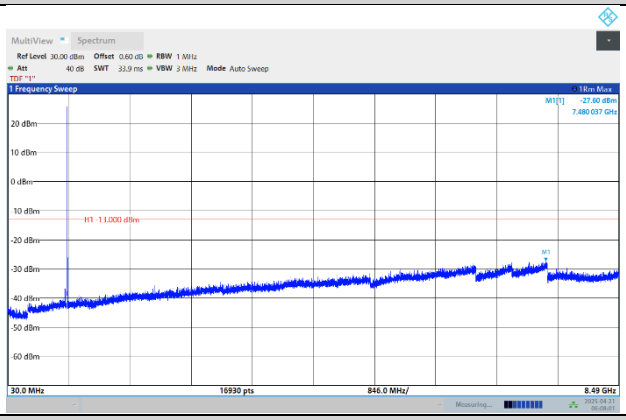
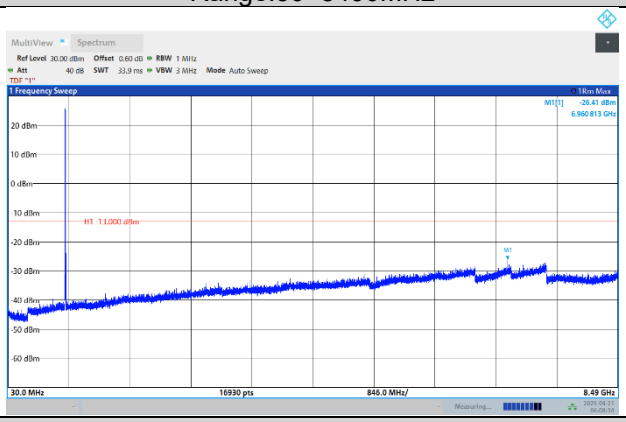
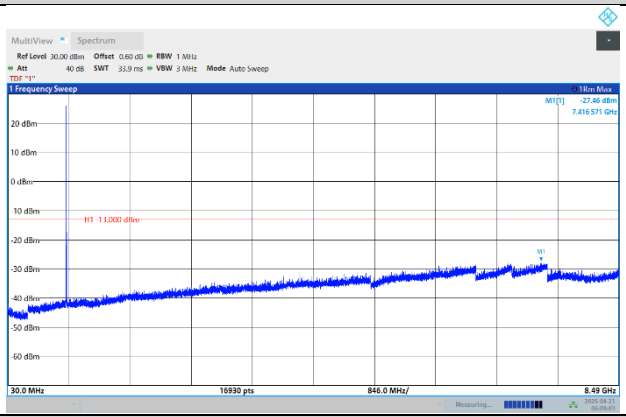
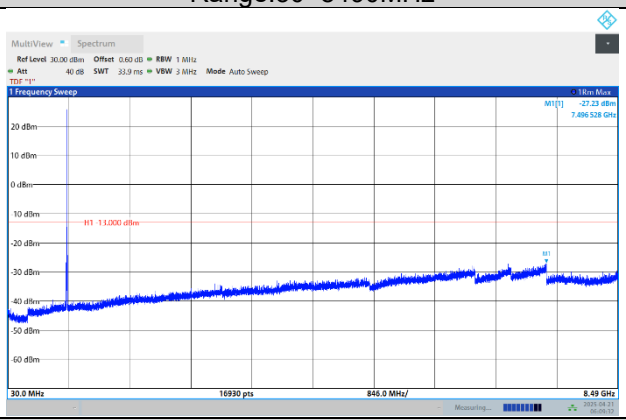

MultiView
Spectrum
Ref Level 25.00 dBm Offset 4.78 dB Mode Auto Sweep
1 Spectrum Emission Mask
1Rm View
SEM_LIMIT_002:ABS_0
PASS
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
CF 841.5 MHz
5005 pts
3.2 MHz/
Span 32.0 MHz
2 Result Summary
Sub Block A
Center 841.50 MHz
Tx Power 12.03 dBm
Tx Bandwidth 3.840 MHz
RBW 100.000 kHz
None
Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit
-16.000 MHz | -8.500 MHz | 100.000 kHz | 832.981 27 MHz | -41.93 dBm | -53.96 dB | -71.93 dB
-8.500 MHz | -7.500 MHz | 100.000 kHz | 833.996 50 MHz | -39.03 dBm | -51.06 dB | -69.03 dB
7.500 MHz | 8.500 MHz | 100.000 kHz | 849.002 50 MHz | -38.88 dBm | -50.91 dB | -25.88 dB
8.500 MHz | 16.000 MHz | 100.000 kHz | 850.183 57 MHz | -41.70 dBm | -53.73 dB | -28.70 dB
Aborted

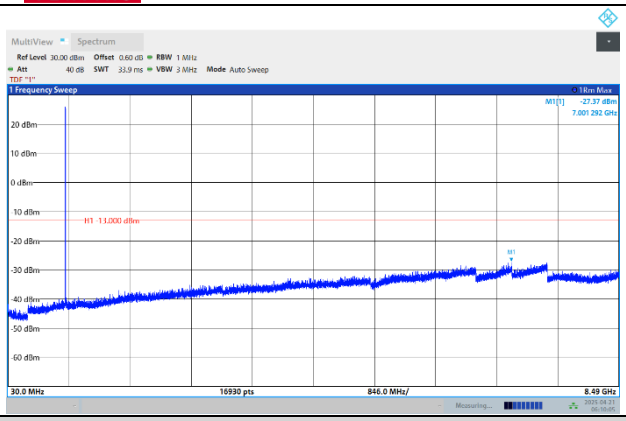
CONDUCTED SPURIOUS EMISSION

Test Result

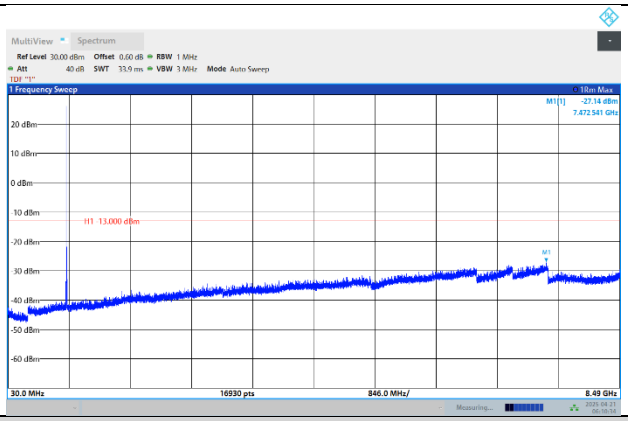
Band	Bandwidth	Modulation	Frequency (MHz)	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band26	1.4MHz	QPSK	824.7	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	1.4MHz	QPSK	836.5	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	1.4MHz	QPSK	848.3	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	3MHz	QPSK	825.5	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	3MHz	QPSK	836.5	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	3MHz	QPSK	847.5	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	5MHz	QPSK	826.5	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	5MHz	QPSK	836.5	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	5MHz	QPSK	846.5	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	10MHz	QPSK	829	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	10MHz	QPSK	836.5	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	10MHz	QPSK	844	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	15MHz	QPSK	831.5	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	15MHz	QPSK	836.5	1RB#0	Range:30~8490MHz	See Graph	PASS
Band26	15MHz	QPSK	841.5	1RB#0	Range:30~8490MHz	See Graph	PASS

Test Graphs

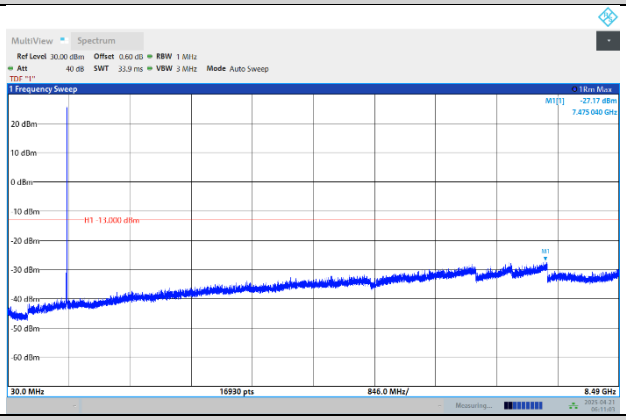
Band26-1.4MHz-QPSK-824.7-1RB#0-Range:30~8490MHz	Band26-1.4MHz-QPSK-836.5-1RB#0-Range:30~8490MHz
	
Band26-1.4MHz-QPSK-848.3-1RB#0-Range:30~8490MHz	Band26-3MHz-QPSK-825.5-1RB#0-Range:30~8490MHz
	
Band26-3MHz-QPSK-836.5-1RB#0-Range:30~8490MHz	Band26-3MHz-QPSK-847.5-1RB#0-Range:30~8490MHz
	
Band26-5MHz-QPSK-826.5-1RB#0-Range:30~8490MHz	Band26-5MHz-QPSK-836.5-1RB#0-Range:30~8490MHz



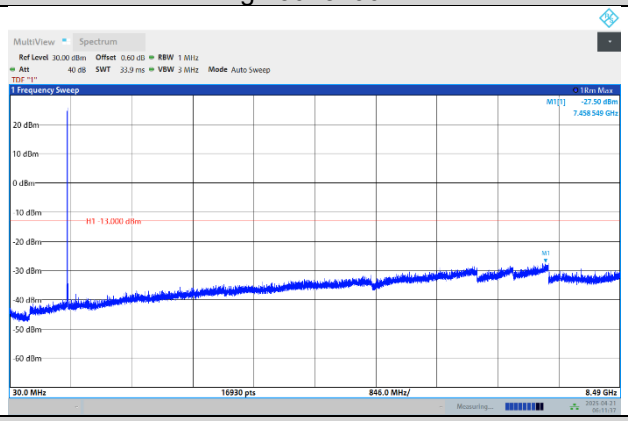
Band26-5MHz-QPSK-846.5-1RB#0-Range:30~8490MHz



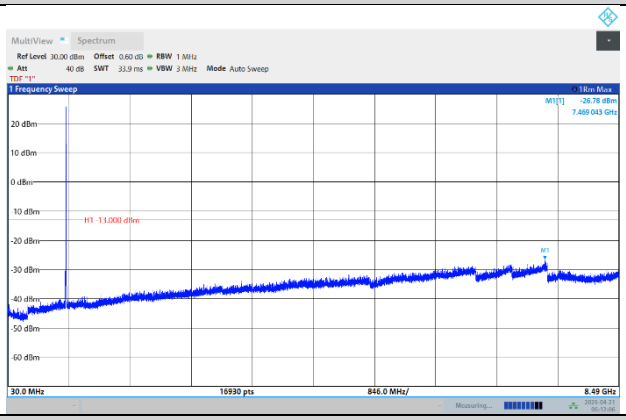
Band26-10MHz-QPSK-829-1RB#0-Range:30~8490MHz



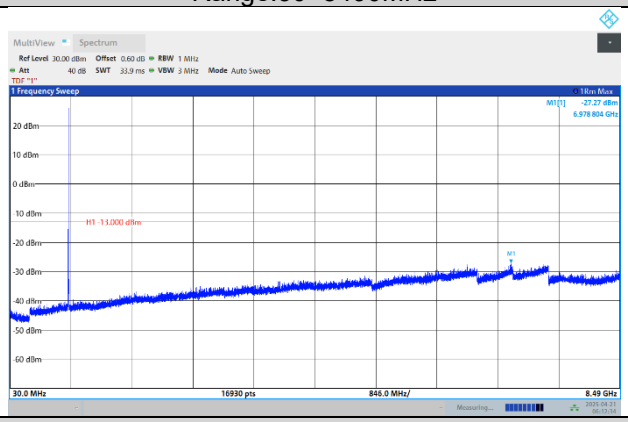
Band26-10MHz-QPSK-836.5-1RB#0-Range:30~8490MHz



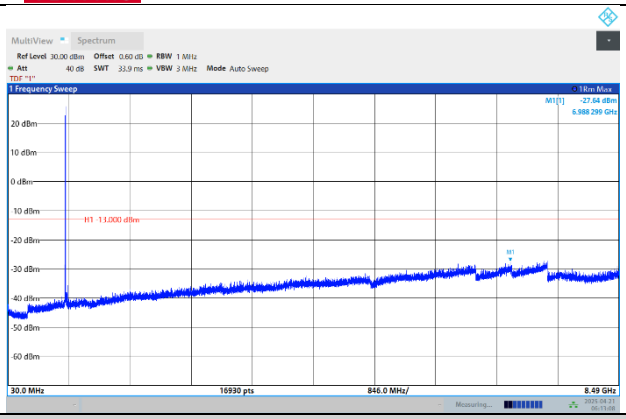
Band26-10MHz-QPSK-844-1RB#0-Range:30~8490MHz

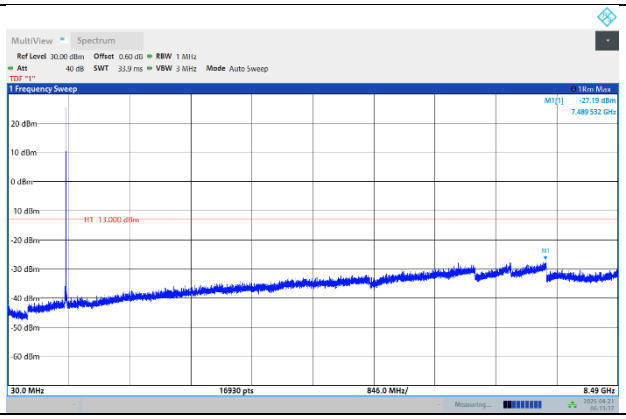


Band26-15MHz-QPSK-831.5-1RB#0-Range:30~8490MHz

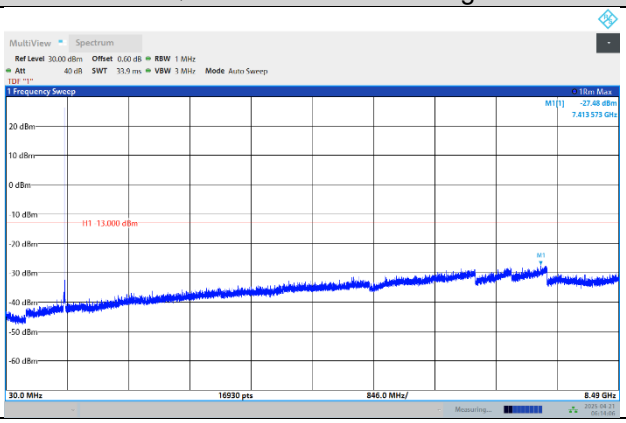


Band26-15MHz-QPSK-836.5-1RB#0-Range:30~8490MHz





Band26-15MHz-QPSK-841.5-1RB#0-Range:30~8490MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Frequency (MHz)	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	836.5	75RB#0	LV	NT	-20.71	-0.0249	±2.5	PASS
Band26	15MHz	QPSK	836.5	75RB#0	NV	NT	-16.39	-0.0197	±2.5	PASS
Band26	15MHz	QPSK	836.5	75RB#0	HV	NT	20.55	0.0247	±2.5	PASS
Band26	15MHz	QPSK	831.5	75RB#0	LV	NT	24.46	0.0292	±2.5	PASS
Band26	15MHz	QPSK	831.5	75RB#0	NV	NT	27.95	0.0334	±2.5	PASS
Band26	15MHz	QPSK	831.5	75RB#0	HV	NT	27.72	0.0331	±2.5	PASS
Band26	15MHz	QPSK	841.5	75RB#0	LV	NT	9.42	0.0112	±2.5	PASS
Band26	15MHz	QPSK	841.5	75RB#0	NV	NT	19.12	0.0227	±2.5	PASS
Band26	15MHz	QPSK	841.5	75RB#0	HV	NT	-19.80	-0.0235	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Frequency (MHz)	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	836.5	75RB#0	NV	-30	-13.56	-0.0163	±2.5	PASS
Band26	15MHz	QPSK	836.5	75RB#0	NV	-20	-6.61	-0.0079	±2.5	PASS
Band26	15MHz	QPSK	836.5	75RB#0	NV	-10	-12.11	-0.0146	±2.5	PASS
Band26	15MHz	QPSK	836.5	75RB#0	NV	0	-12.23	-0.0147	±2.5	PASS
Band26	15MHz	QPSK	836.5	75RB#0	NV	10	-5.95	-0.0072	±2.5	PASS
Band26	15MHz	QPSK	836.5	75RB#0	NV	20	-5.77	-0.0069	±2.5	PASS
Band26	15MHz	QPSK	836.5	75RB#0	NV	30	26.99	0.0325	±2.5	PASS
Band26	15MHz	QPSK	836.5	75RB#0	NV	40	14.96	0.0180	±2.5	PASS
Band26	15MHz	QPSK	836.5	75RB#0	NV	50	-11.60	-0.0140	±2.5	PASS
Band26	15MHz	QPSK	831.5	75RB#0	NV	-30	24.54	0.0293	±2.5	PASS
Band26	15MHz	QPSK	831.5	75RB#0	NV	-20	-23.27	-0.0278	±2.5	PASS
Band26	15MHz	QPSK	831.5	75RB#0	NV	-10	24.64	0.0295	±2.5	PASS
Band26	15MHz	QPSK	831.5	75RB#0	NV	0	-26.71	-0.0319	±2.5	PASS
Band26	15MHz	QPSK	831.5	75RB#0	NV	10	-12.59	-0.0151	±2.5	PASS
Band26	15MHz	QPSK	831.5	75RB#0	NV	20	4.73	0.0057	±2.5	PASS
Band26	15MHz	QPSK	831.5	75RB#0	NV	30	-3.04	-0.0036	±2.5	PASS
Band26	15MHz	QPSK	831.5	75RB#0	NV	40	21.46	0.0257	±2.5	PASS
Band26	15MHz	QPSK	831.5	75RB#0	NV	50	-10.80	-0.0129	±2.5	PASS
Band26	15MHz	QPSK	841.5	75RB#0	NV	-30	-13.54	-0.0161	±2.5	PASS
Band26	15MHz	QPSK	841.5	75RB#0	NV	-20	-23.81	-0.0283	±2.5	PASS
Band26	15MHz	QPSK	841.5	75RB#0	NV	-10	1.21	0.0014	±2.5	PASS
Band26	15MHz	QPSK	841.5	75RB#0	NV	0	-31.04	-0.0369	±2.5	PASS
Band26	15MHz	QPSK	841.5	75RB#0	NV	10	8.45	0.0100	±2.5	PASS
Band26	15MHz	QPSK	841.5	75RB#0	NV	20	-16.47	-0.0196	±2.5	PASS
Band26	15MHz	QPSK	841.5	75RB#0	NV	30	15.69	0.0186	±2.5	PASS
Band26	15MHz	QPSK	841.5	75RB#0	NV	40	32.78	0.0390	±2.5	PASS
Band26	15MHz	QPSK	841.5	75RB#0	NV	50	-3.43	-0.0041	±2.5	PASS

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