



BUREAU
VERITAS

Test Report No.: PSU-NQN2405210111RF02

BAND EDGE

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	824	-35.82	-13	PASS
Band5	4233	849	-34.30	-13	PASS



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Test Graphs





CONDUCTED SPURIOUS EMISSION

Test Result

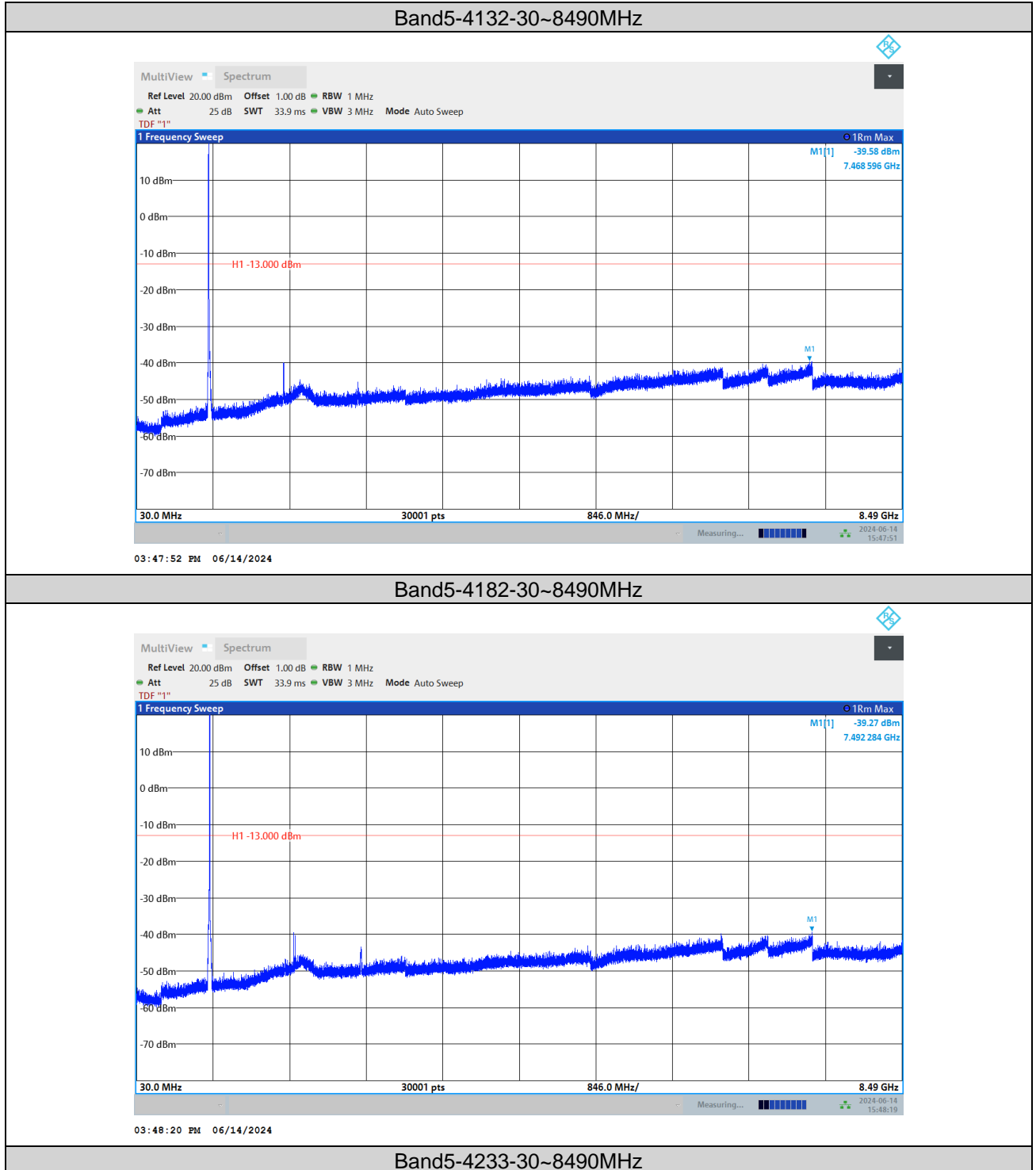
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	30~8490MHz	7.468596	-39.58	-13	PASS
Band5	4182	30~8490MHz	7.492284	-39.27	-13	PASS
Band5	4233	30~8490MHz	7.004142	-39.70	-13	PASS



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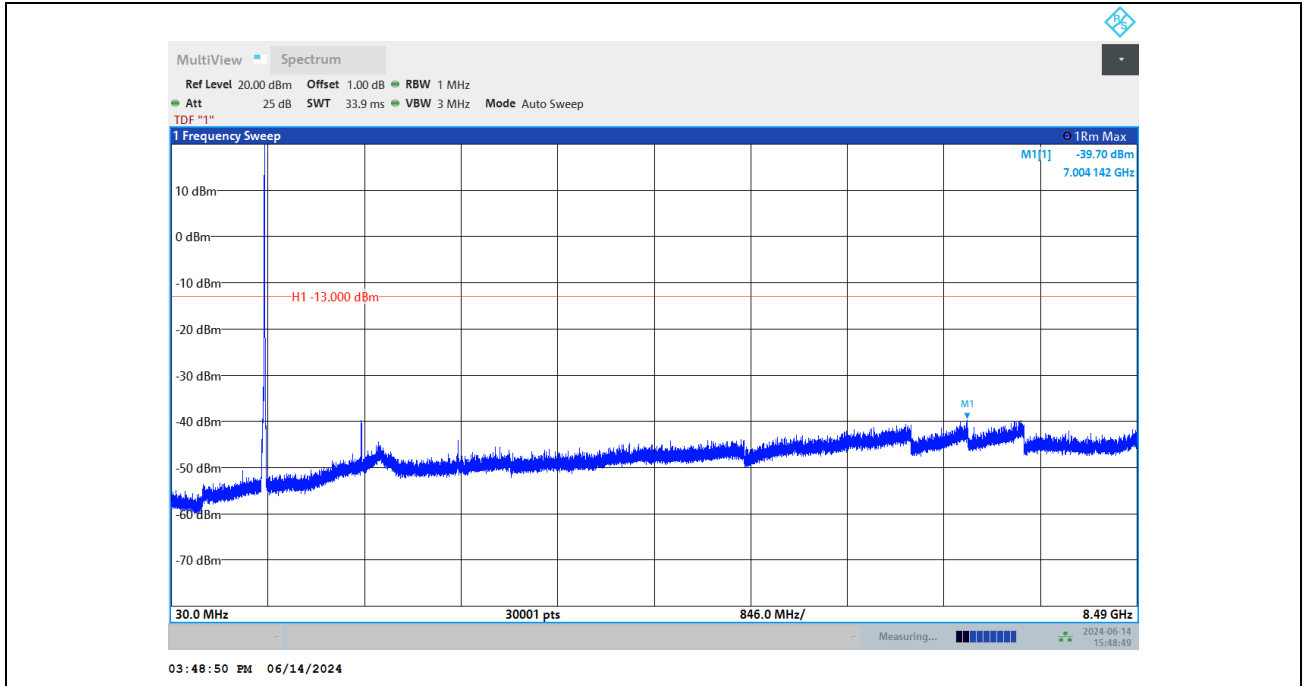
Test Graphs





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VERITAS

Test Report No.: PSU-NQN2405210111RF02





FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	-5.1	-0.006171	±2.5	PASS
Band5	4132	VN	NT	-6.58	-0.007962	±2.5	PASS
Band5	4132	VH	NT	-1.93	-0.002335	±2.5	PASS
Band5	4182	VL	NT	0.49	0.000586	±2.5	PASS
Band5	4182	VN	NT	-8.03	-0.009598	±2.5	PASS
Band5	4182	VH	NT	-0.98	-0.001171	±2.5	PASS
Band5	4233	VL	NT	-1.2	-0.001417	±2.5	PASS
Band5	4233	VN	NT	-6.64	-0.007843	±2.5	PASS
Band5	4233	VH	NT	-3.2	-0.003780	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-0.81	-0.000980	±2.5	PASS
Band5	4132	NV	-20	7.13	0.008628	±2.5	PASS
Band5	4132	NV	-10	-0.7	-0.000847	±2.5	PASS
Band5	4132	NV	0	-7.55	-0.009136	±2.5	PASS
Band5	4132	NV	10	0.36	0.000436	±2.5	PASS
Band5	4132	NV	20	-3.93	-0.004756	±2.5	PASS
Band5	4132	NV	30	9.81	0.011871	±2.5	PASS
Band5	4132	NV	40	8.7	0.010528	±2.5	PASS
Band5	4132	NV	50	1.1	0.001331	±2.5	PASS
Band5	4182	NV	-30	-0.85	-0.001016	±2.5	PASS
Band5	4182	NV	-20	-9.5	-0.011355	±2.5	PASS
Band5	4182	NV	-10	-5.17	-0.006180	±2.5	PASS
Band5	4182	NV	0	2.2	0.002630	±2.5	PASS
Band5	4182	NV	10	-7.78	-0.009300	±2.5	PASS
Band5	4182	NV	20	-3.99	-0.004769	±2.5	PASS
Band5	4182	NV	30	3.75	0.004482	±2.5	PASS
Band5	4182	NV	40	-3.95	-0.004721	±2.5	PASS
Band5	4182	NV	50	-6.69	-0.007997	±2.5	PASS
Band5	4233	NV	-30	-2.3	-0.002717	±2.5	PASS
Band5	4233	NV	-20	3.76	0.004441	±2.5	PASS
Band5	4233	NV	-10	2.66	0.003142	±2.5	PASS
Band5	4233	NV	0	7.42	0.008764	±2.5	PASS
Band5	4233	NV	10	2.85	0.001599	±2.5	PASS
Band5	4233	NV	20	-2.57	-0.001442	±2.5	PASS
Band5	4233	NV	30	-3.96	-0.002221	±2.5	PASS
Band5	4233	NV	40	-3.28	-0.001840	±2.5	PASS
Band5	4233	NV	50	-8.30	-0.004656	±2.5	PASS



LTE BAND5

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

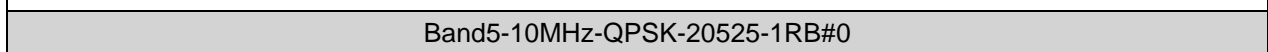
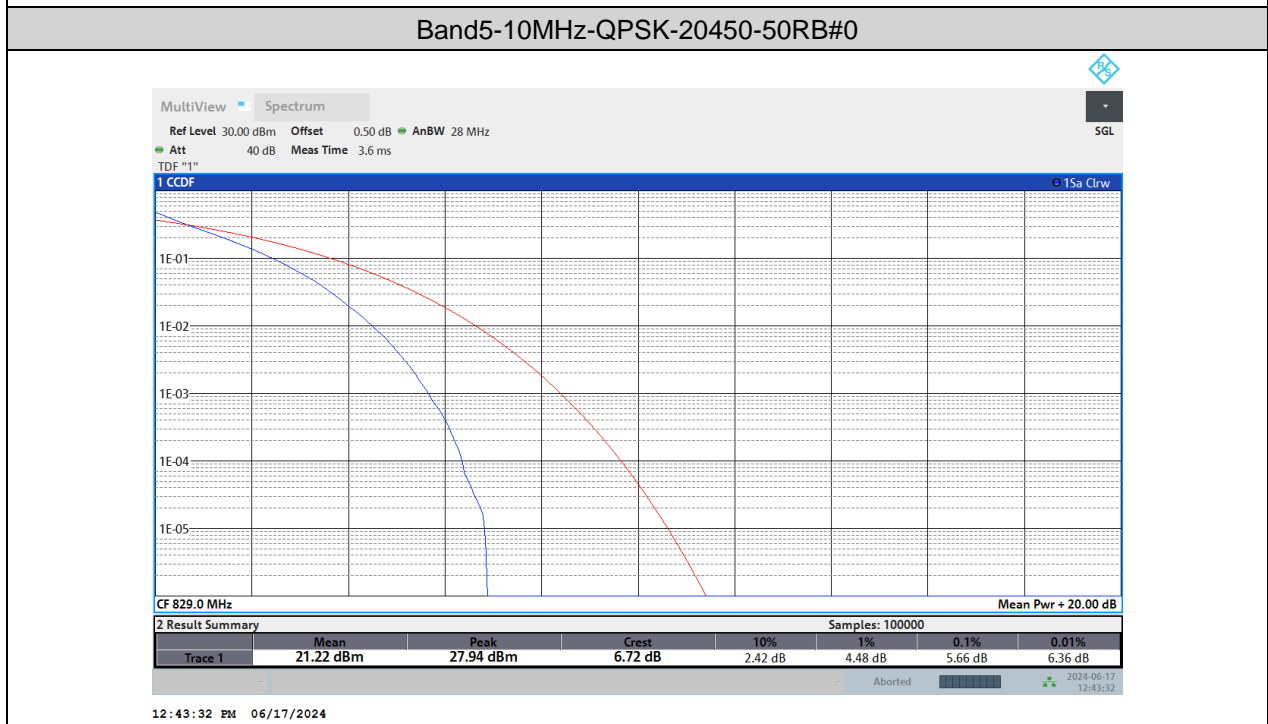
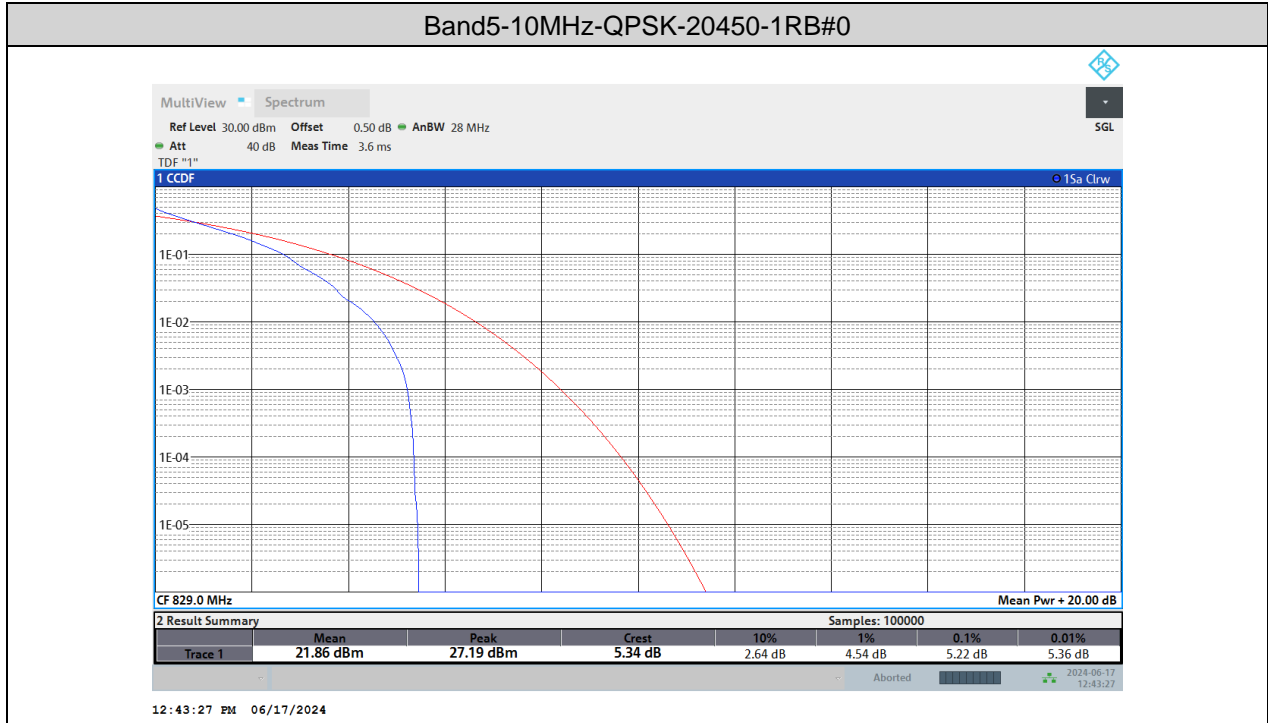
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	1RB#0	5.22	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.66	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.38	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.54	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.90	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.72	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	6.22	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.30	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.10	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.32	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.84	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.26	13	PASS



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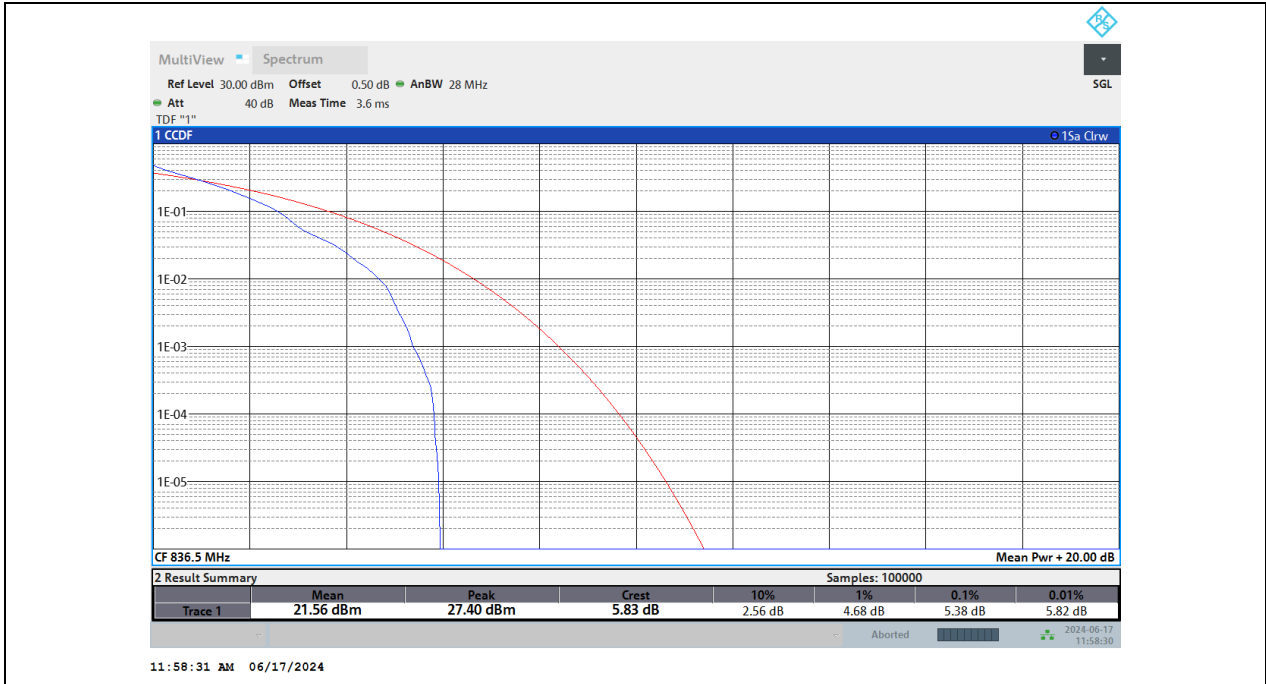
Test Graphs



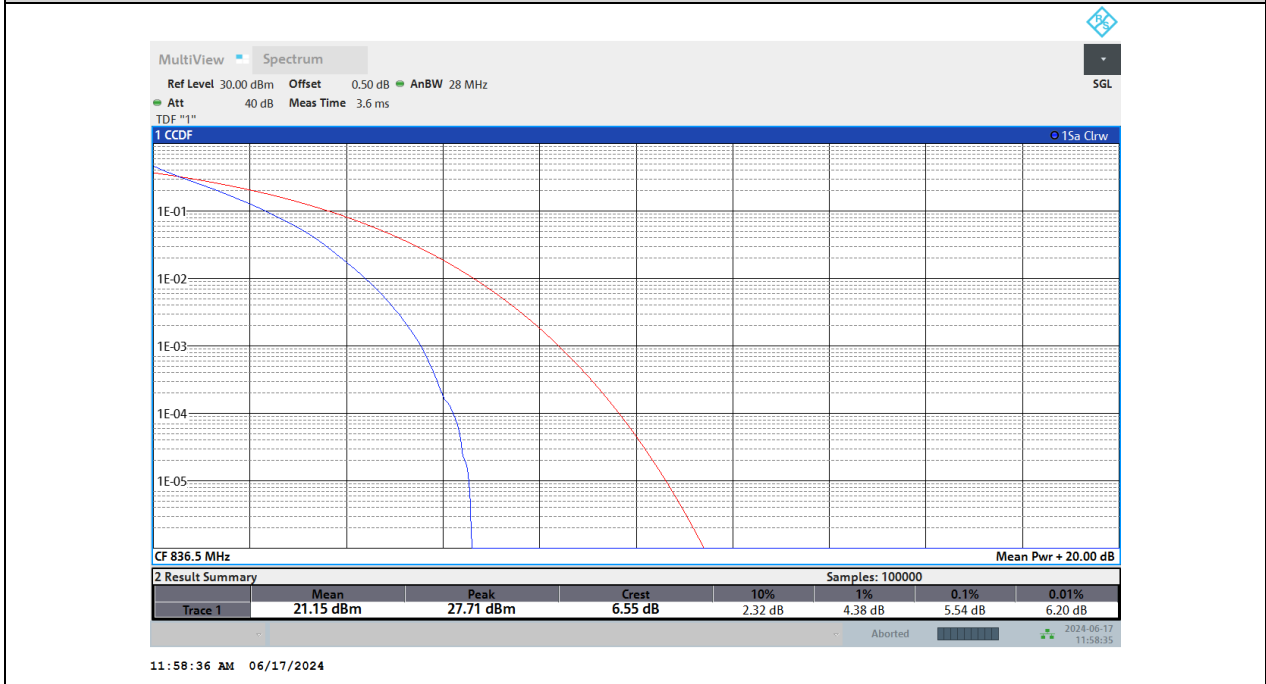


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Test Report No.: PSU-NQN2405210111RF02



Band5-10MHz-QPSK-20525-50RB#0

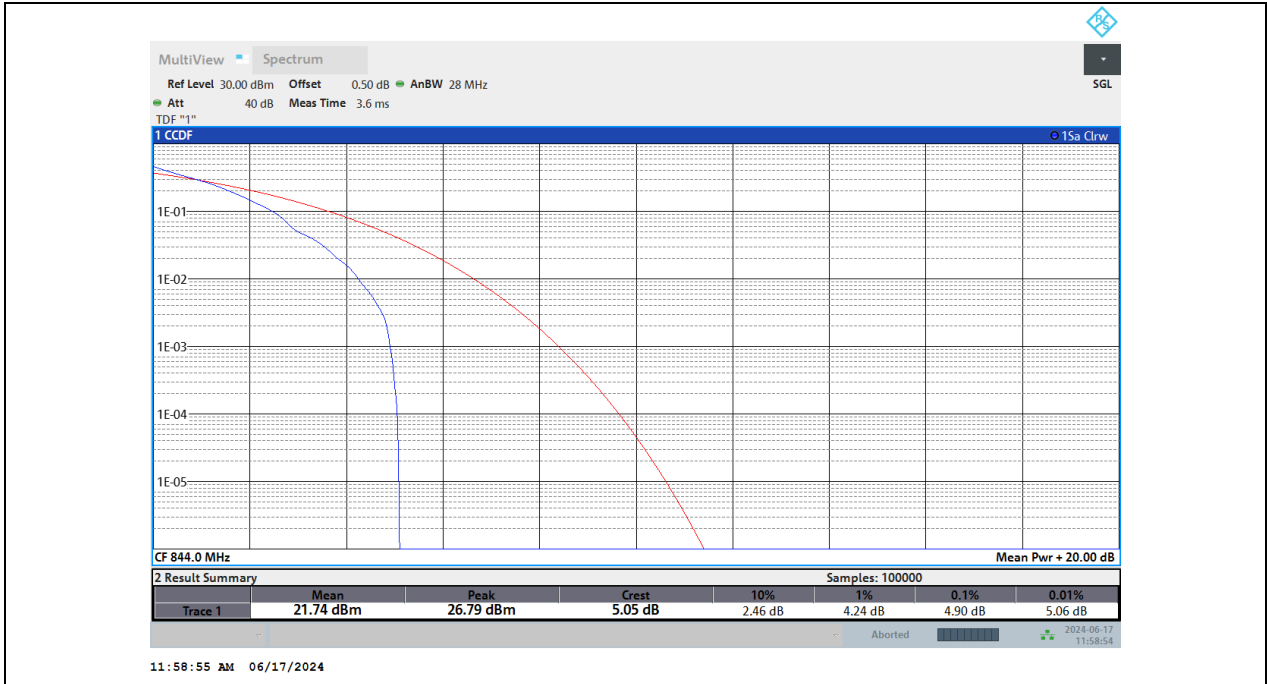


Band5-10MHz-QPSK-20600-1RB#0

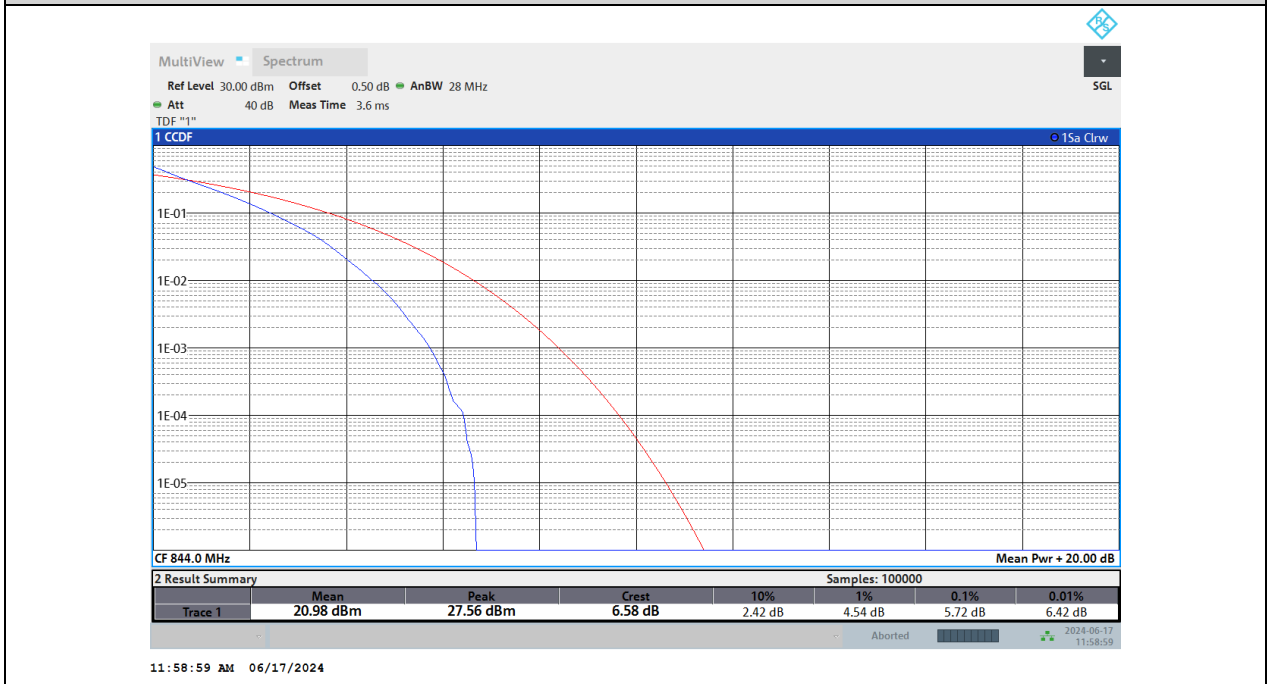


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



Band5-10MHz-QPSK-20600-50RB#0

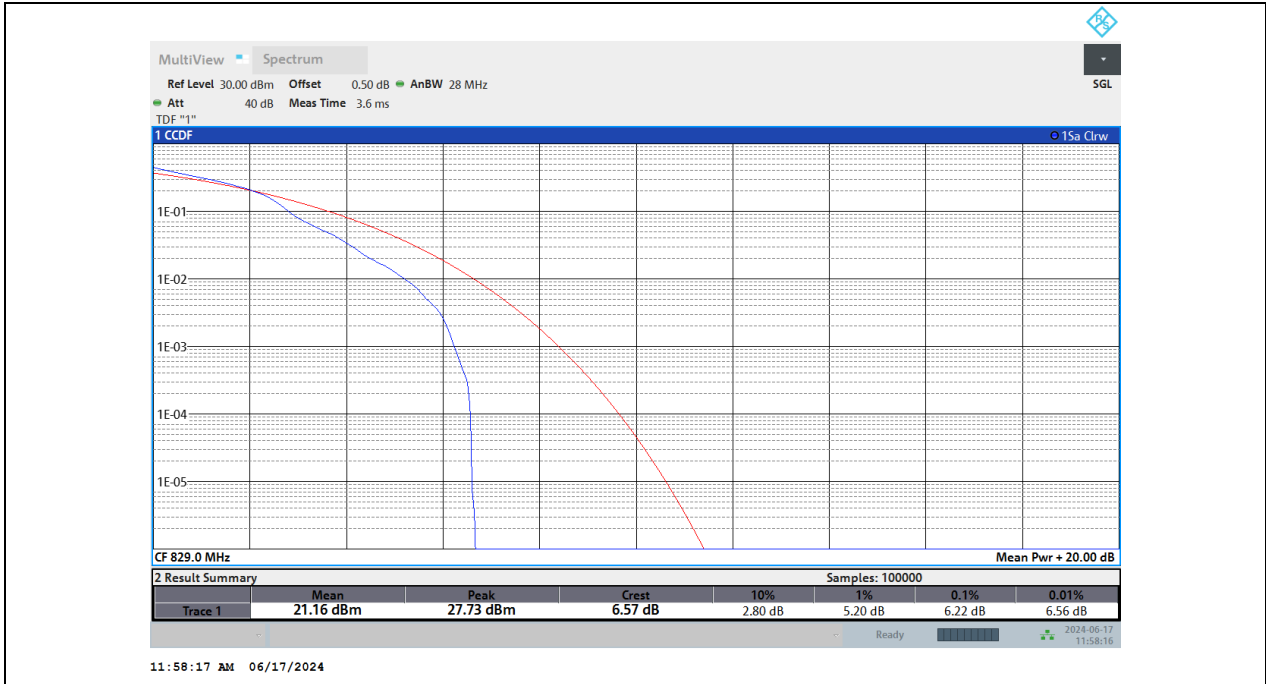


Band5-10MHz-16QAM-20450-1RB#0

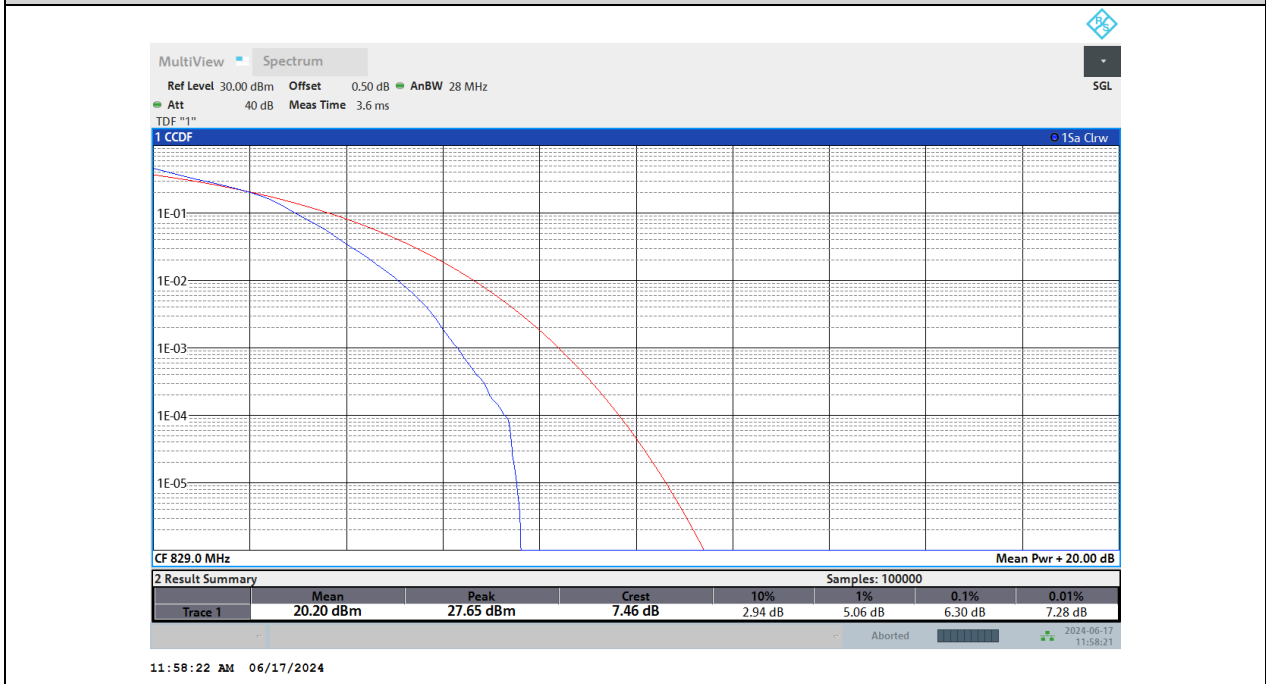


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



Band5-10MHz-16QAM-20450-50RB#0

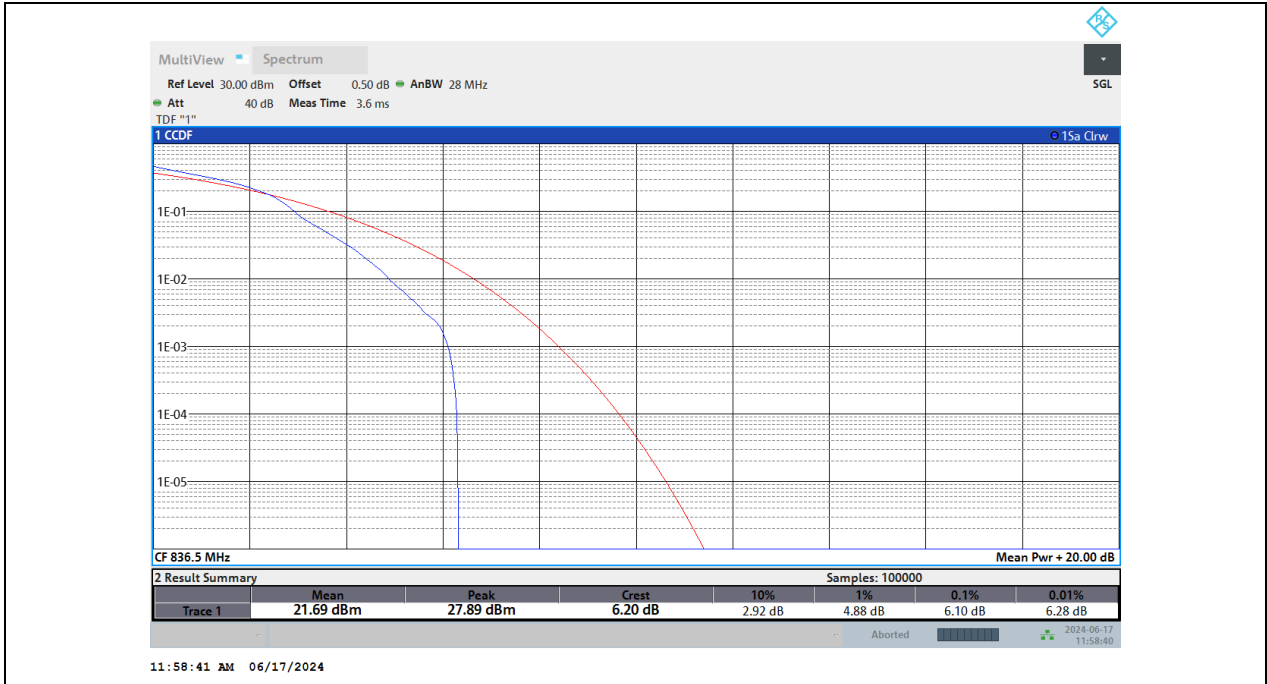


Band5-10MHz-16QAM-20525-1RB#0

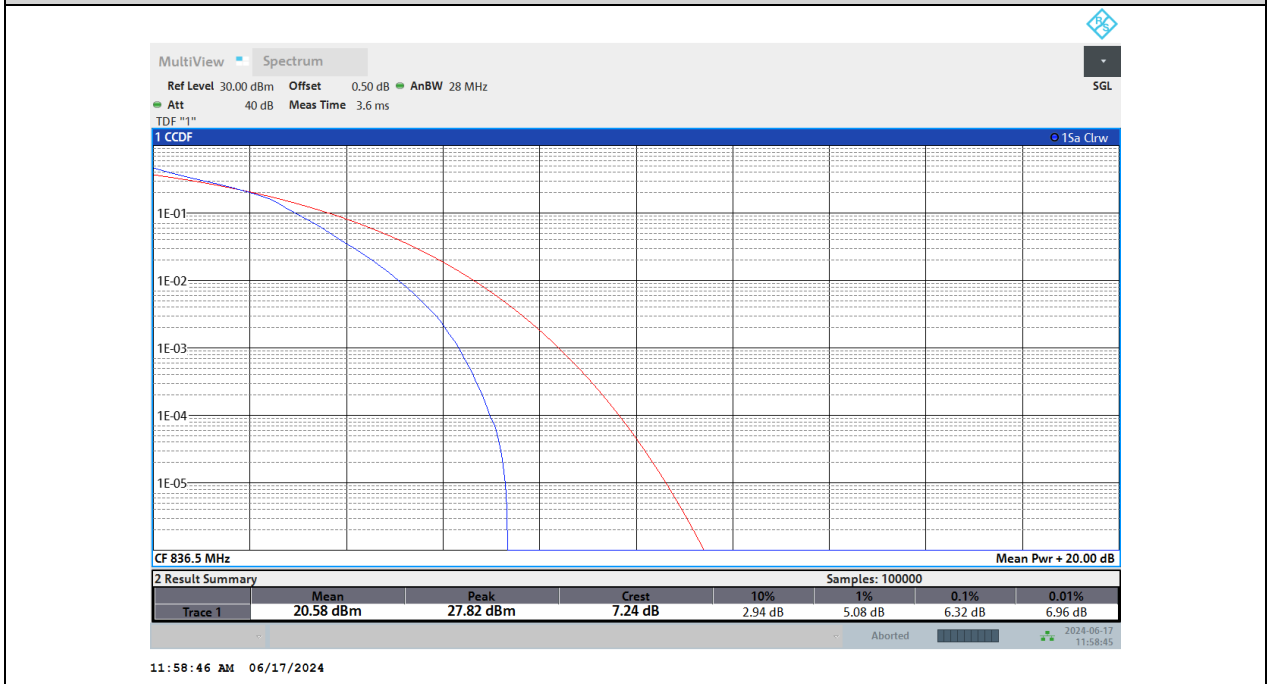


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Test Report No.: PSU-NQN2405210111RF02



Band5-10MHz-16QAM-20525-50RB#0

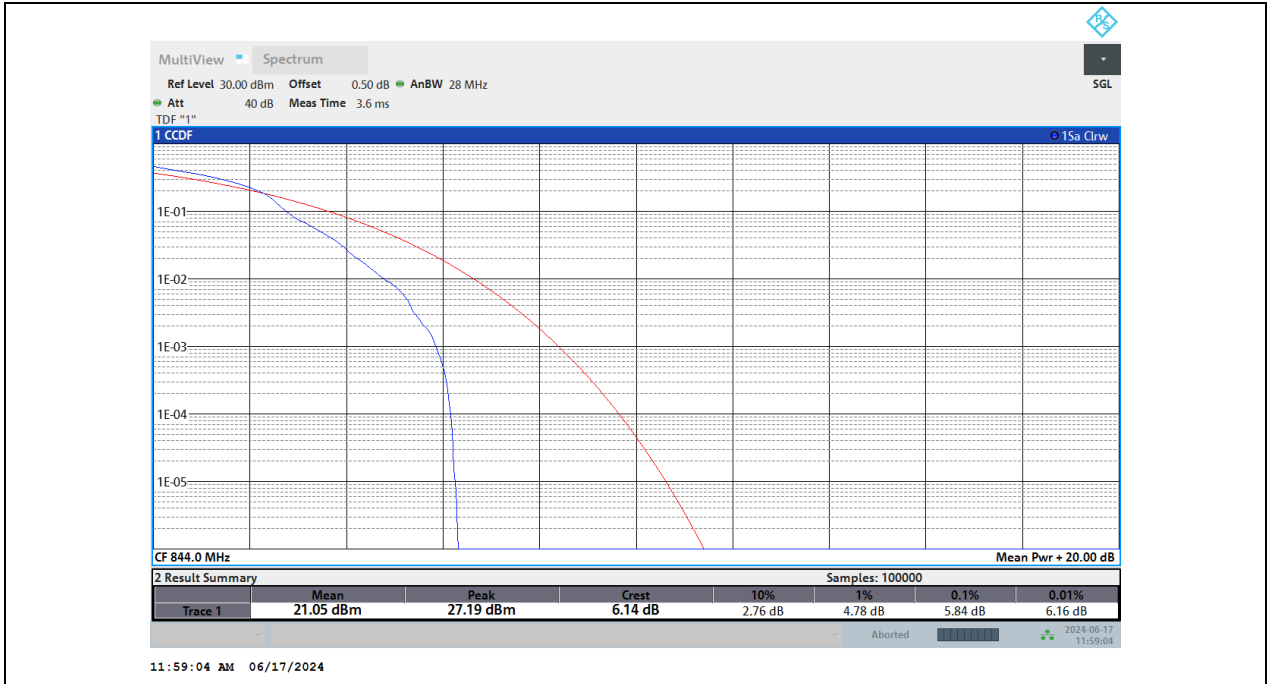


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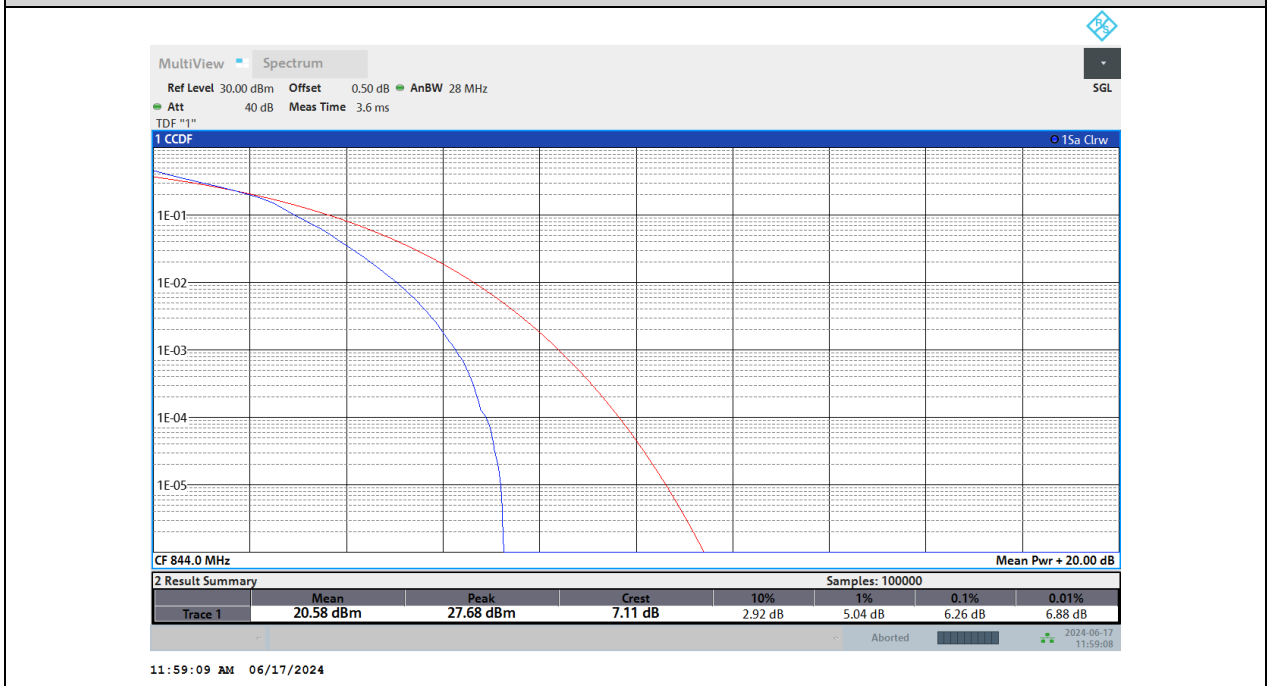


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Test Report No.: PSU-NQN2405210111RF02



Band5-10MHz-16QAM-20600-50RB#0





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

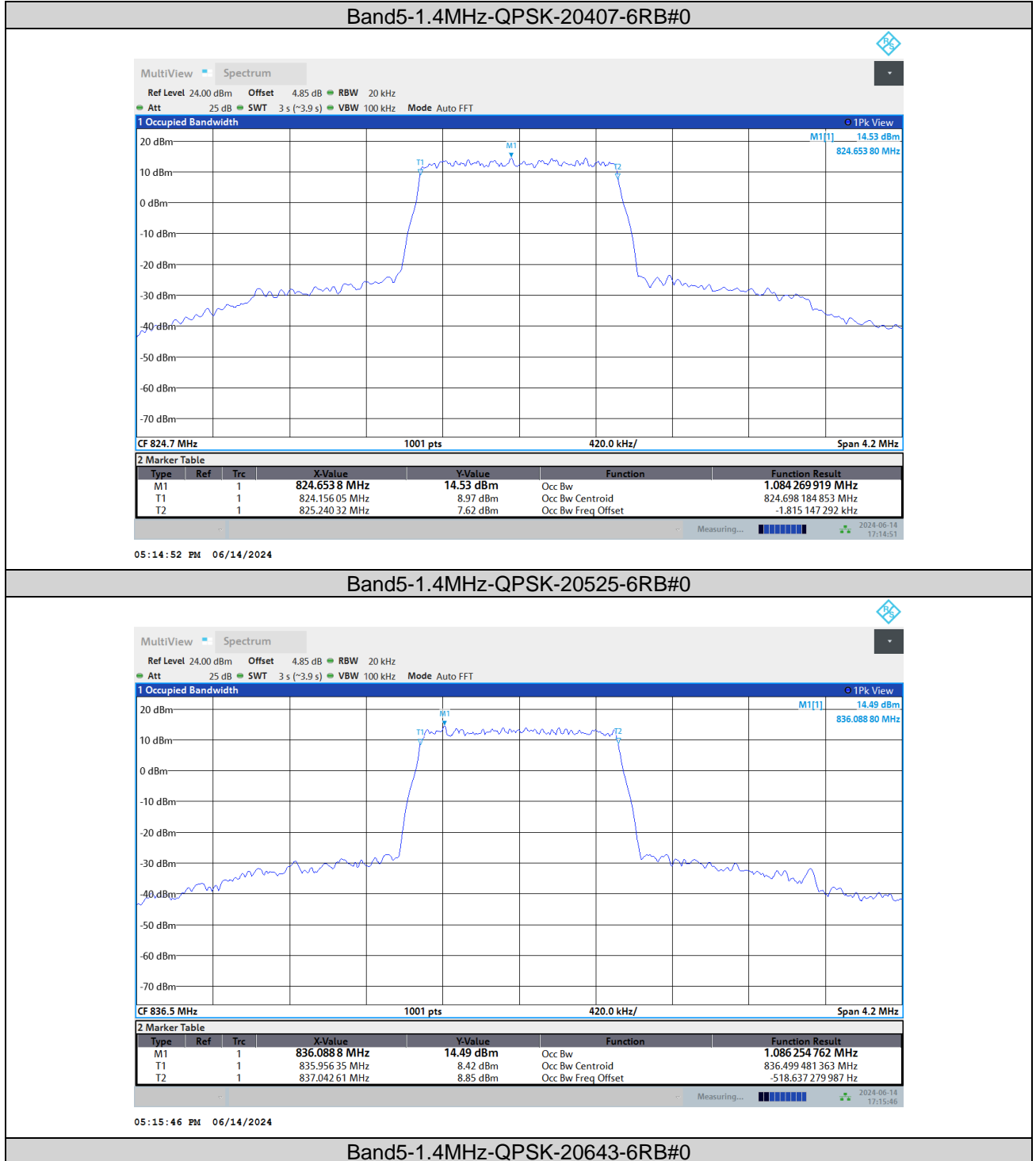
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.084	1.24	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.086	1.24	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.089	1.23	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.092	1.24	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.082	1.23	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.086	1.24	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.695	2.98	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.695	2.99	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.690	3.00	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.691	2.99	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.688	2.99	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.691	3.02	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.483	4.90	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.481	4.93	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.472	4.88	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.475	4.88	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.488	4.90	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.482	4.93	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.961	9.74	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.936	9.74	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.946	9.74	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.945	9.71	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.951	9.70	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.951	9.80	PASS



Test Graphs

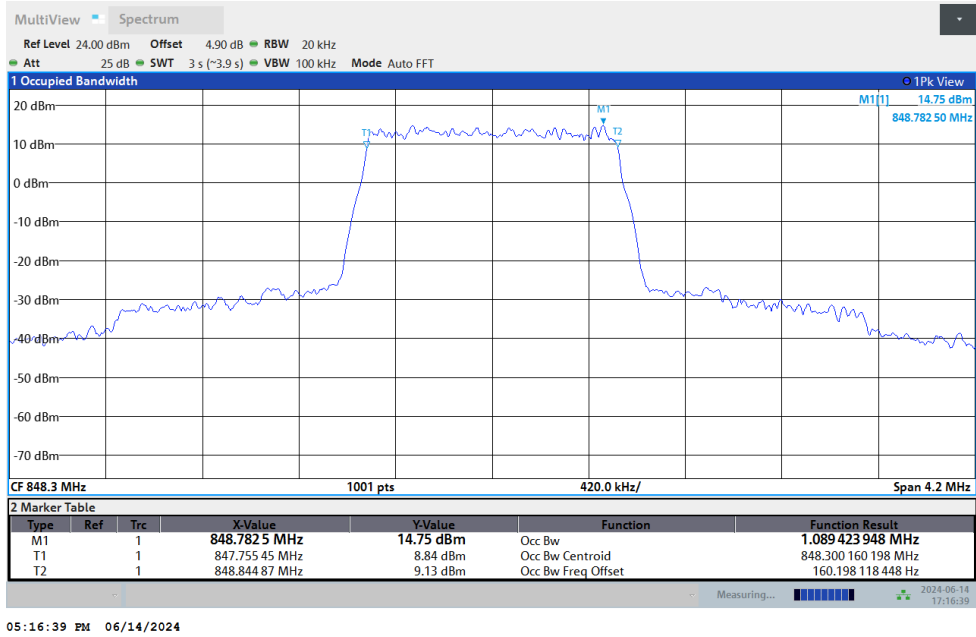
Occupied Bandwidth



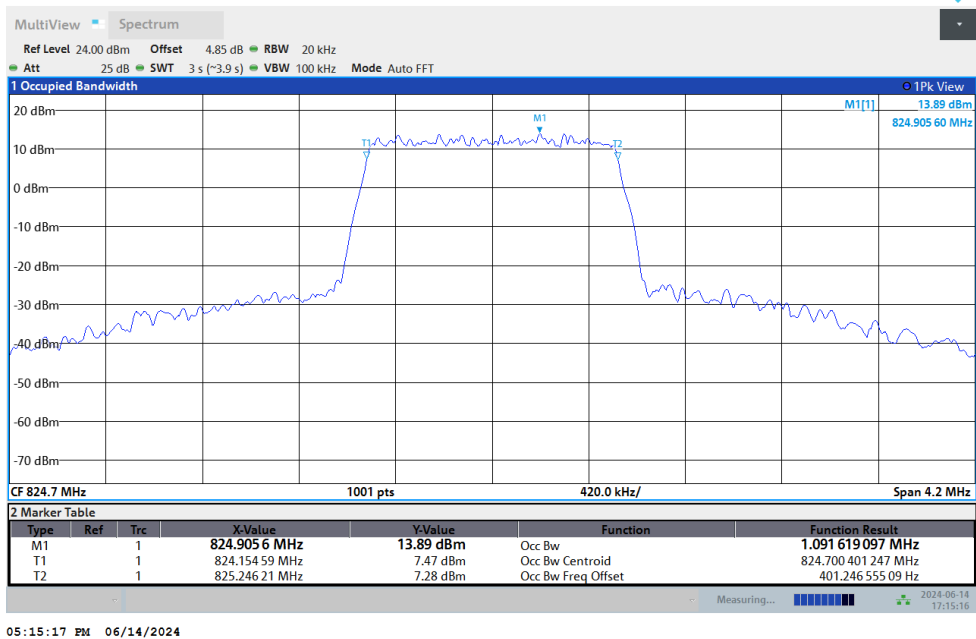


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Test Report No.: PSU-NQN2405210111RF02



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

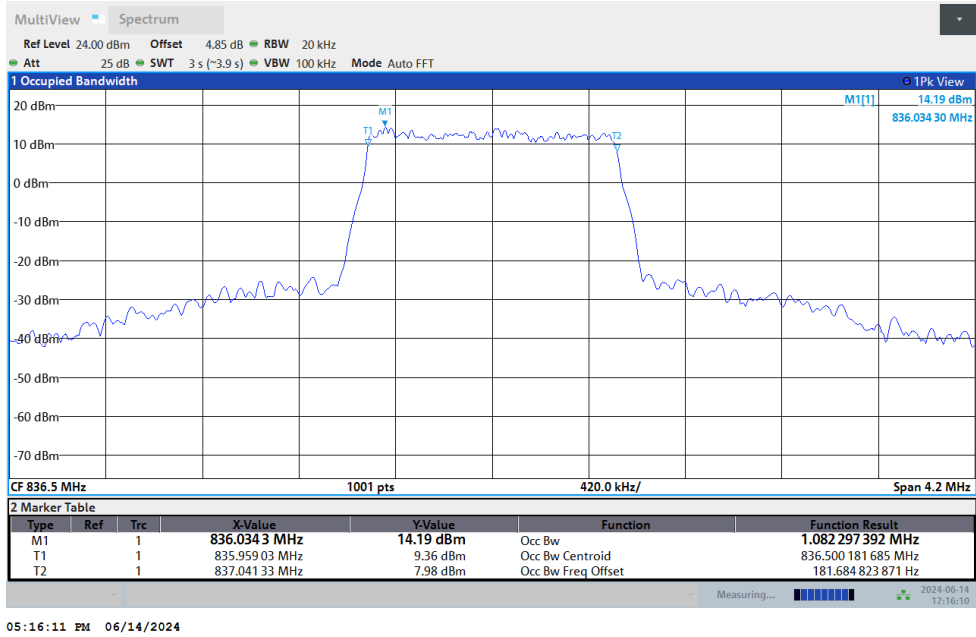


Band5-1.4MHz-16QAM-20525-6RB#0

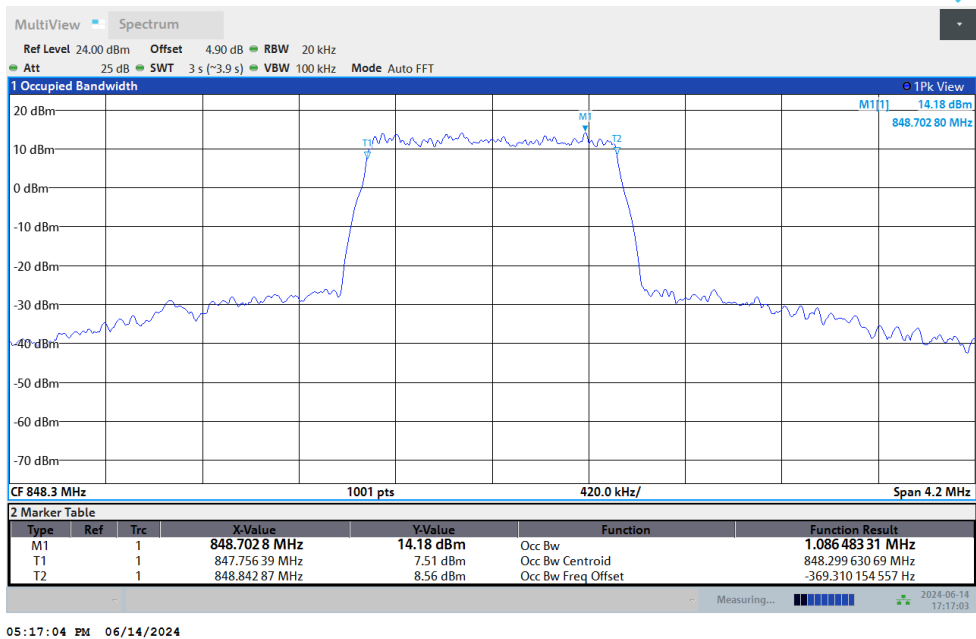


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Band5-1.4MHz-16QAM-20643-6RB#0

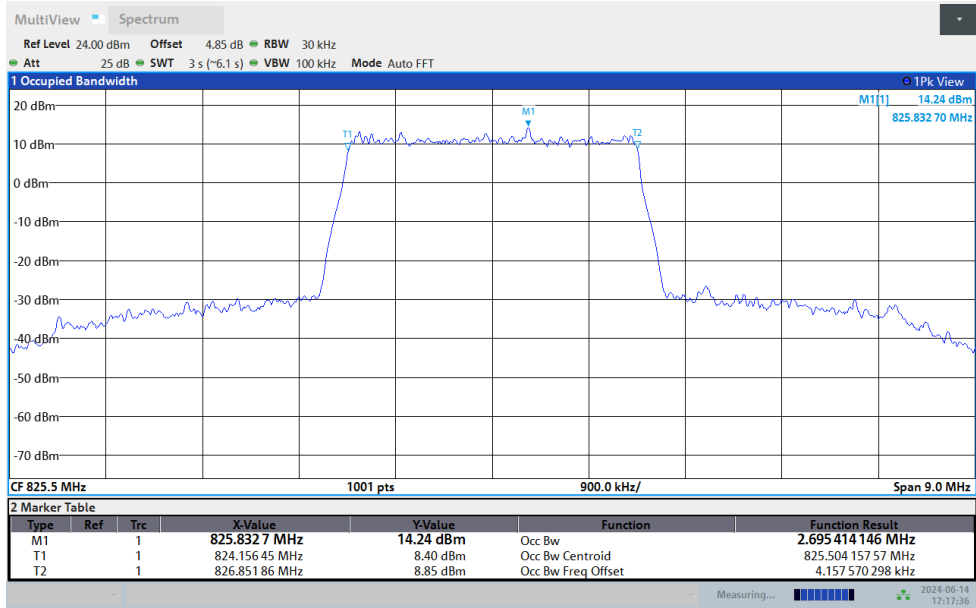


Band5-3MHz-QPSK-20415-15RB#0



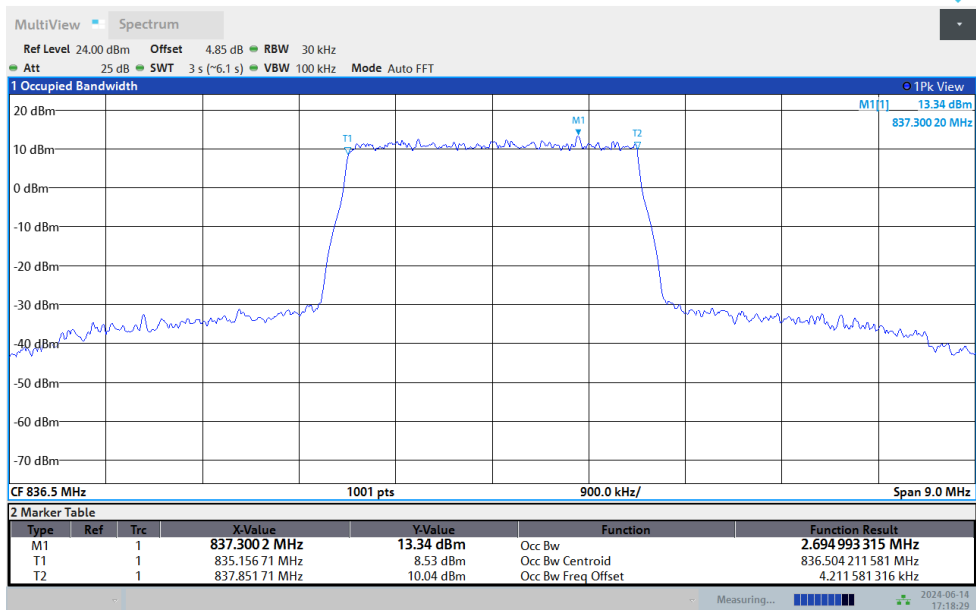
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Test Report No.: PSU-NQN2405210111RF02



05:17:36 PM 06/14/2024

Band5-3MHz-QPSK-20525-15RB#0



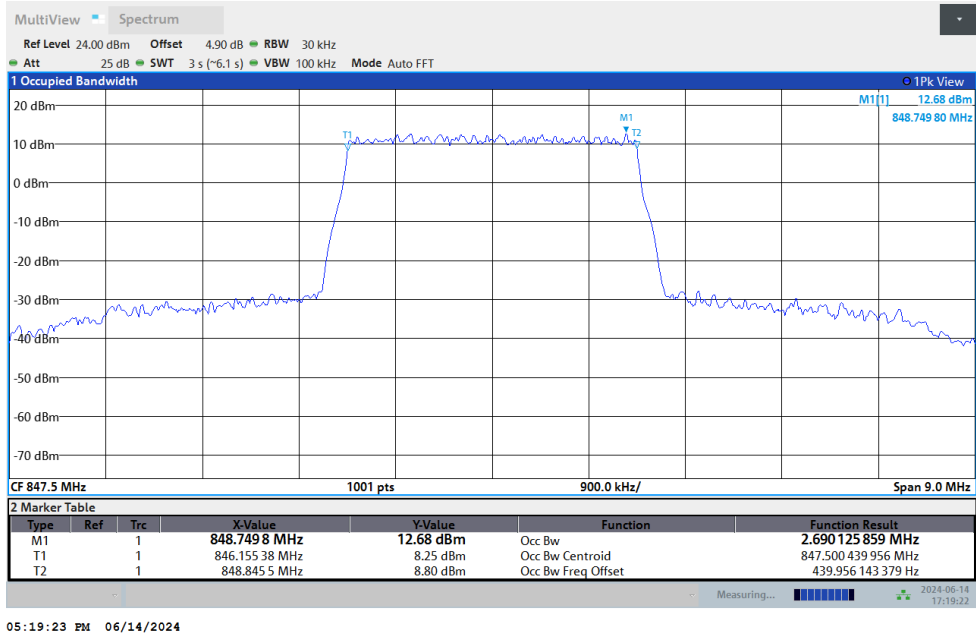
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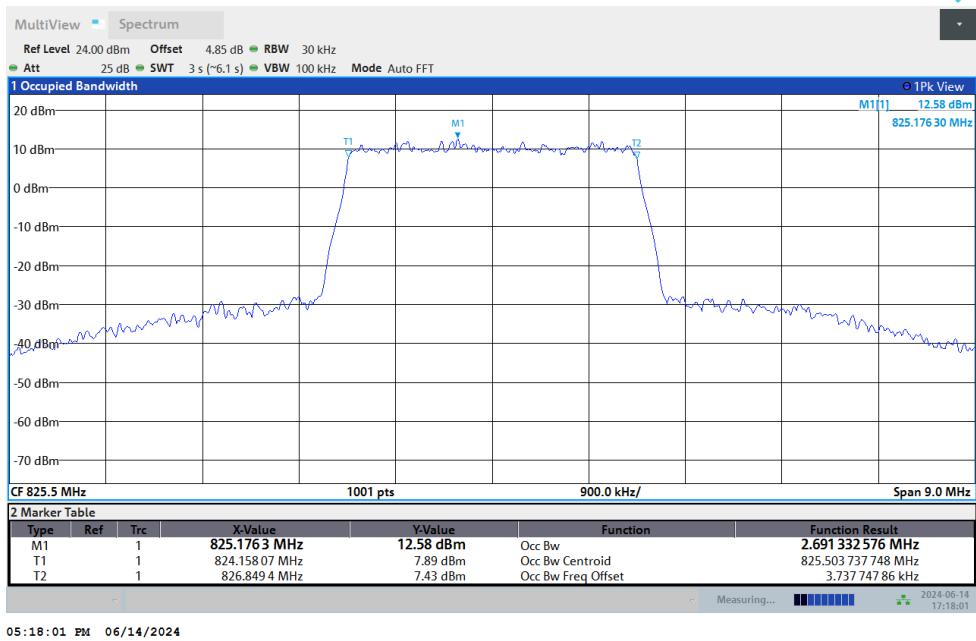


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



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

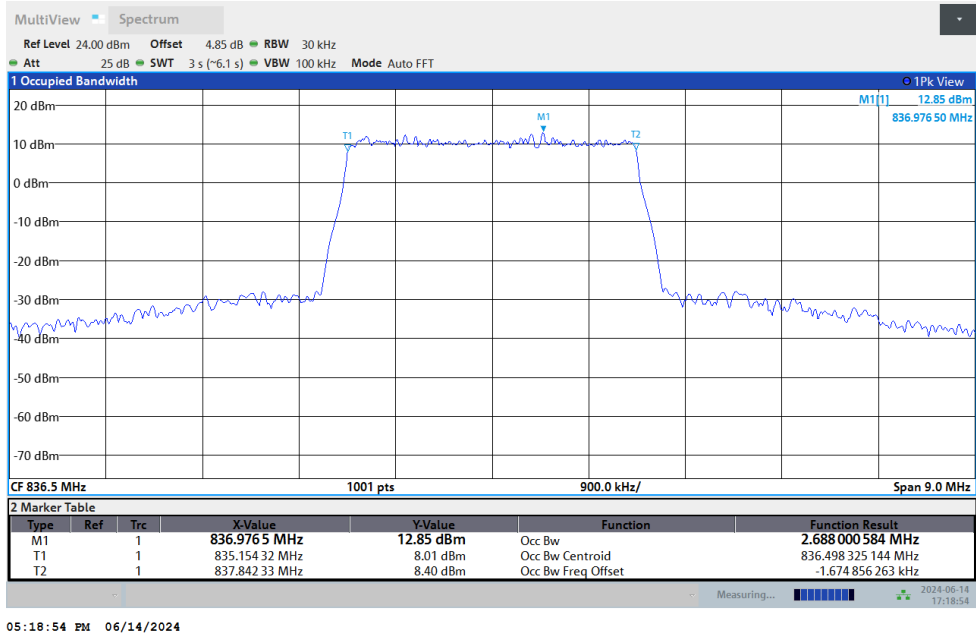


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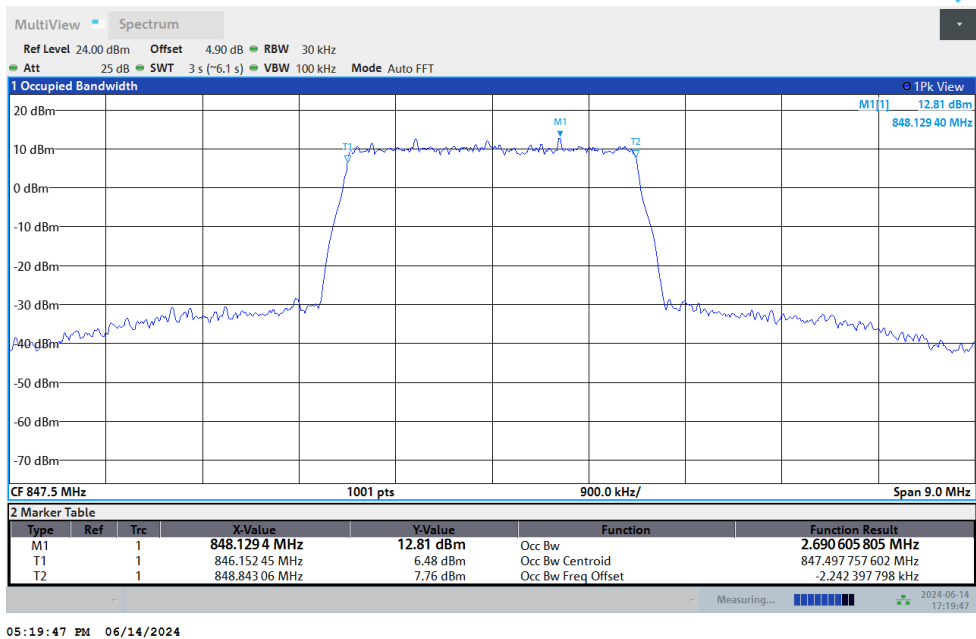


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Test Report No.: PSU-NQN2405210111RF02



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

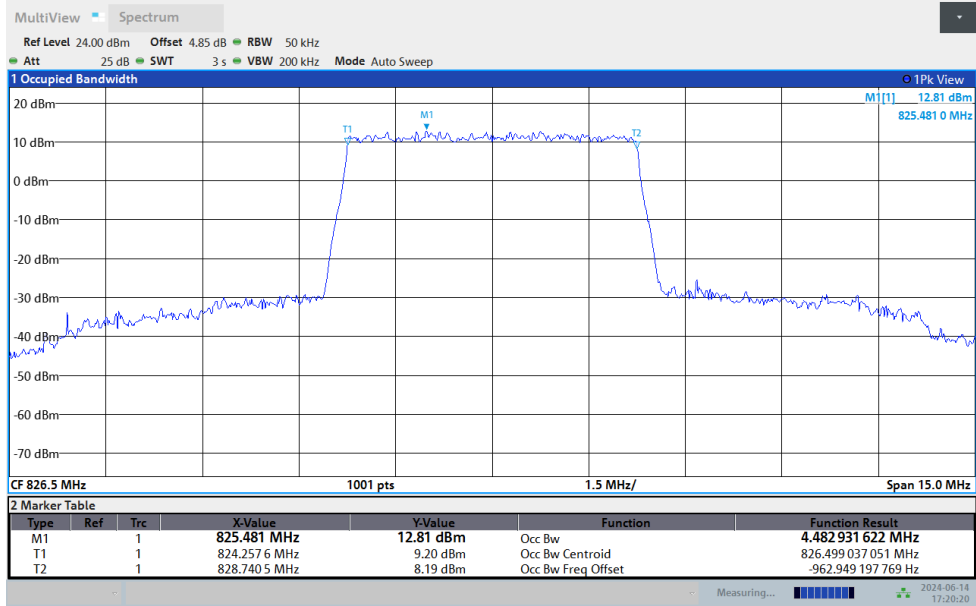


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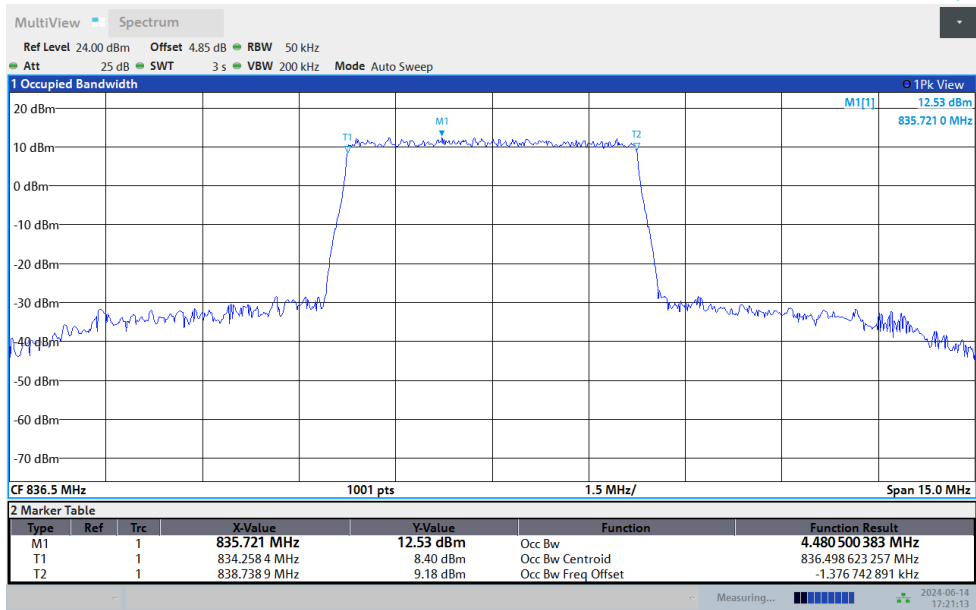
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Test Report No.: PSU-NQN2405210111RF02



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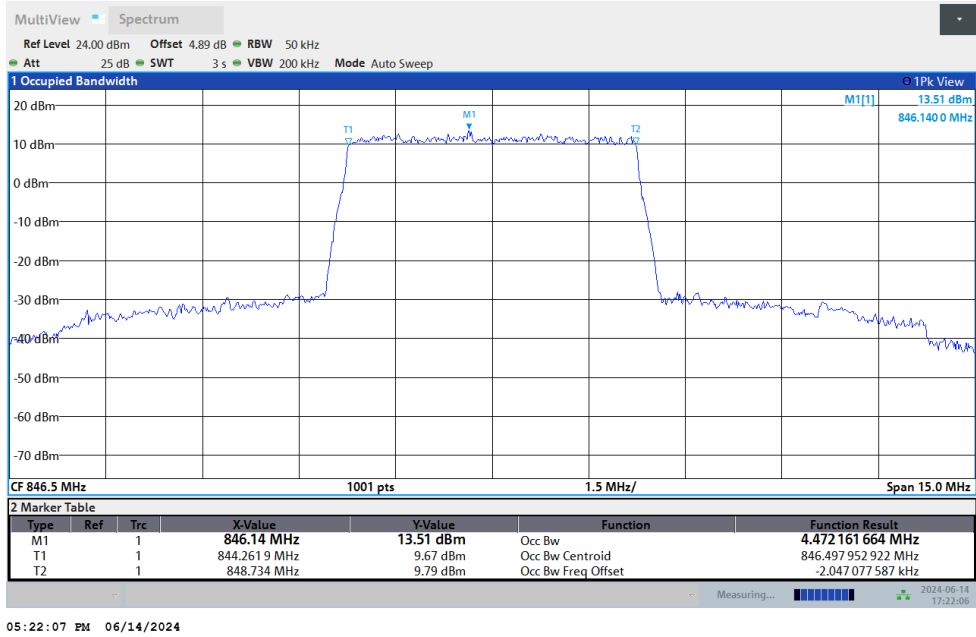
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Band5-5MHz-QPSK-20625-25RB#0

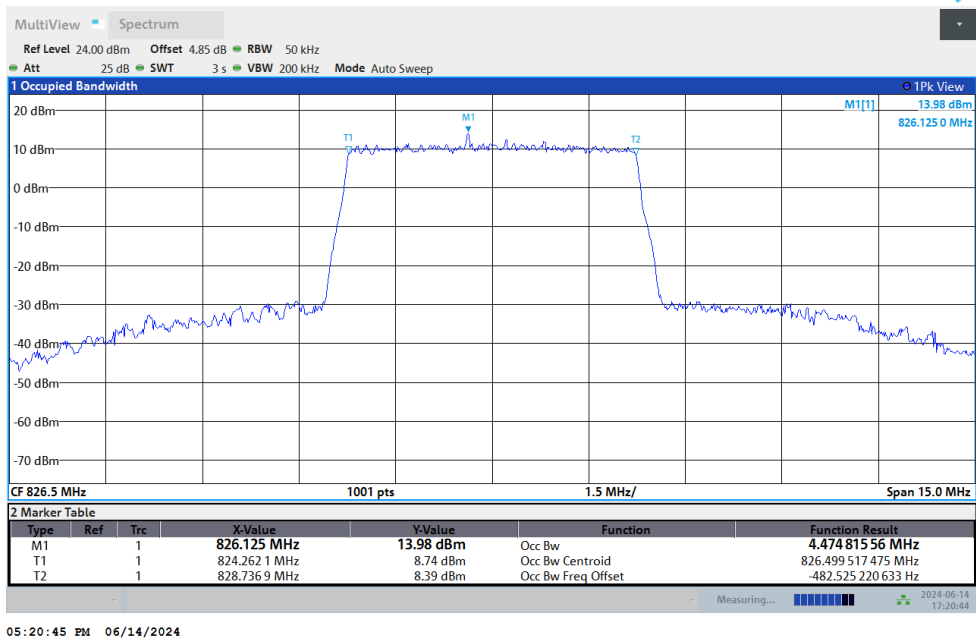


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Test Report No.: PSU-NQN2405210111RF02



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

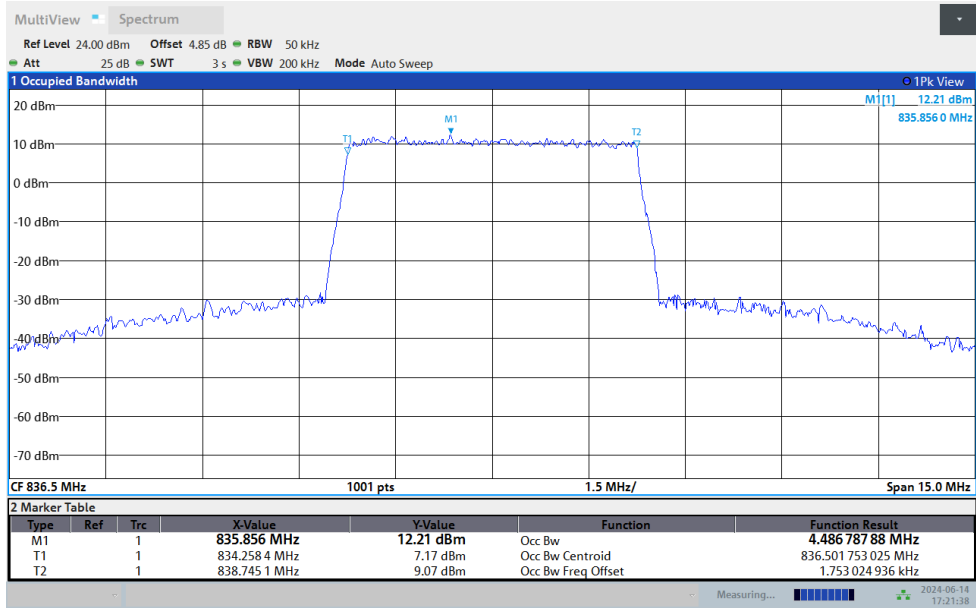


Band5-5MHz-16QAM-20525-25RB#0

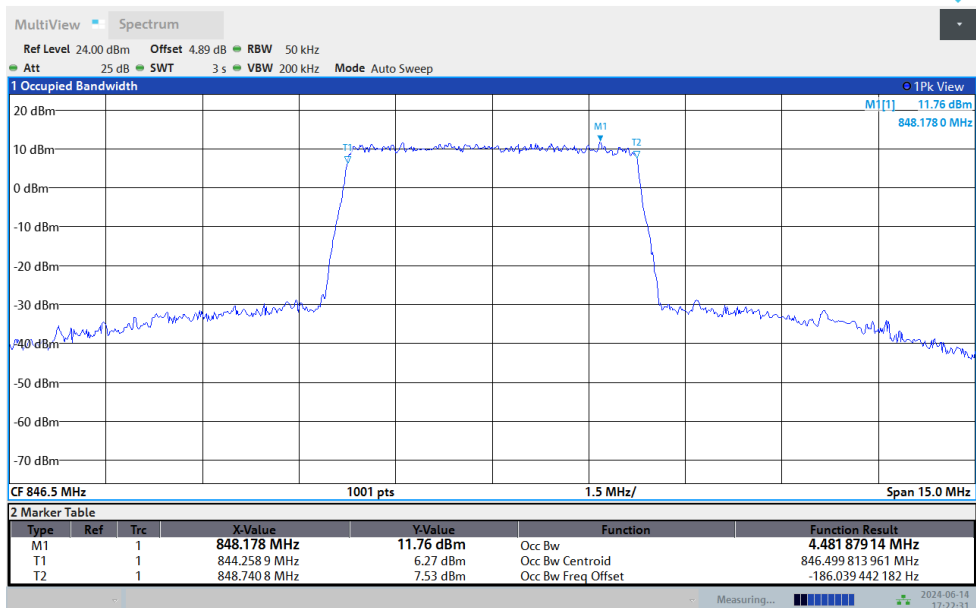


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



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

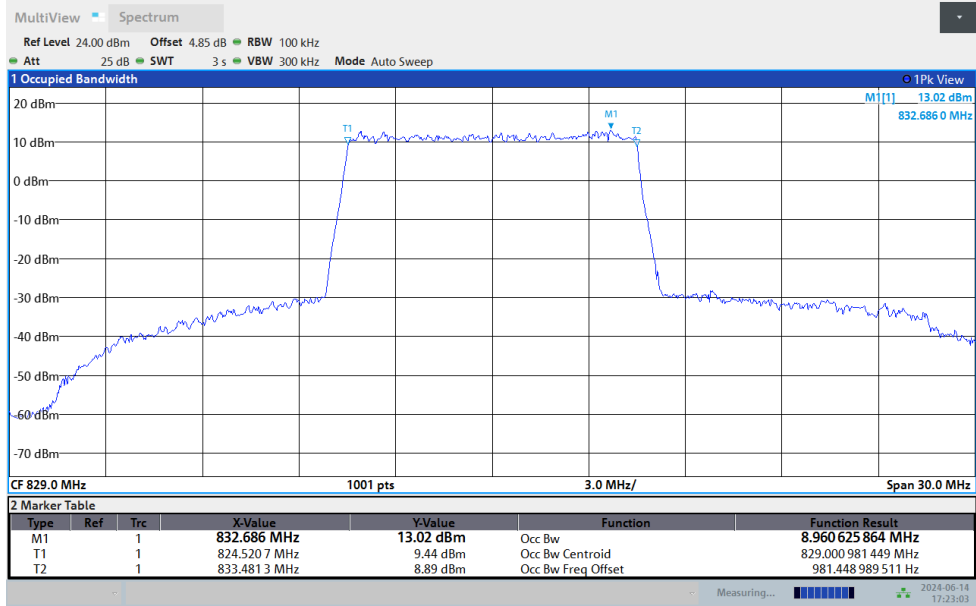


Band5-10MHz-QPSK-20450-50RB#0

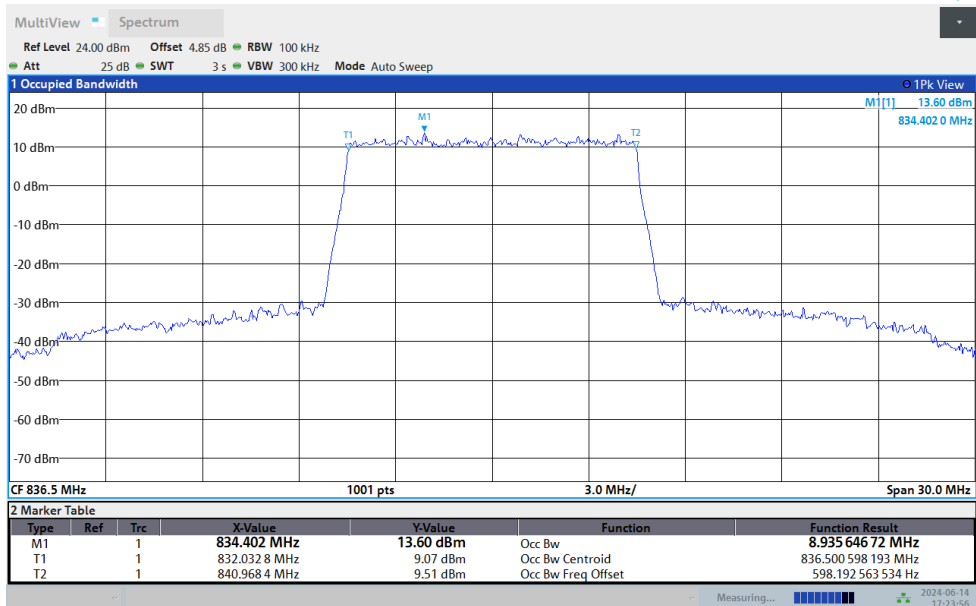


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Test Report No.: PSU-NQN2405210111RF02



Band5-10MHz-QPSK-20525-50RB#0

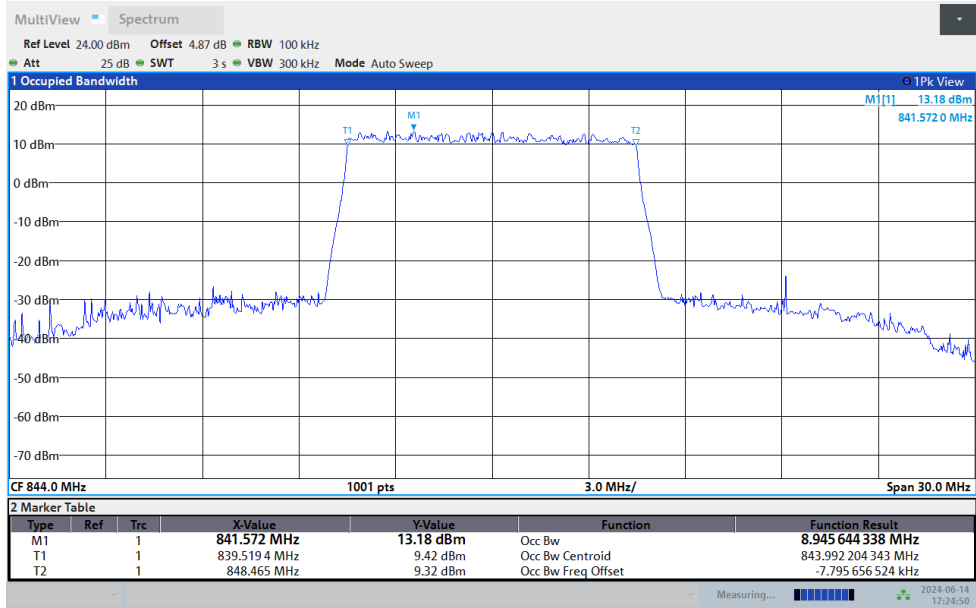


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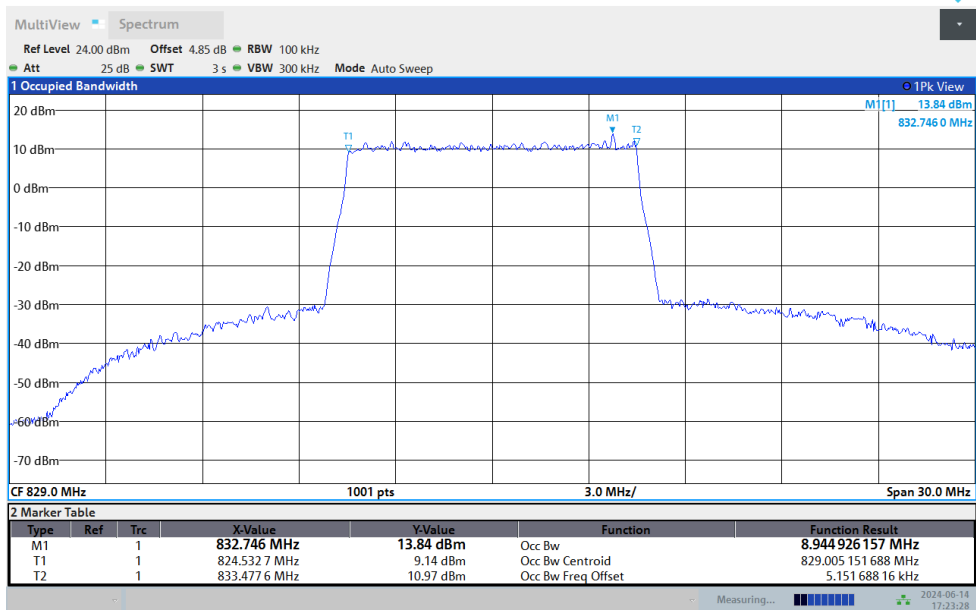


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Test Report No.: PSU-NQN2405210111RF02



Band5-10MHz-16QAM-20450-50RB#0

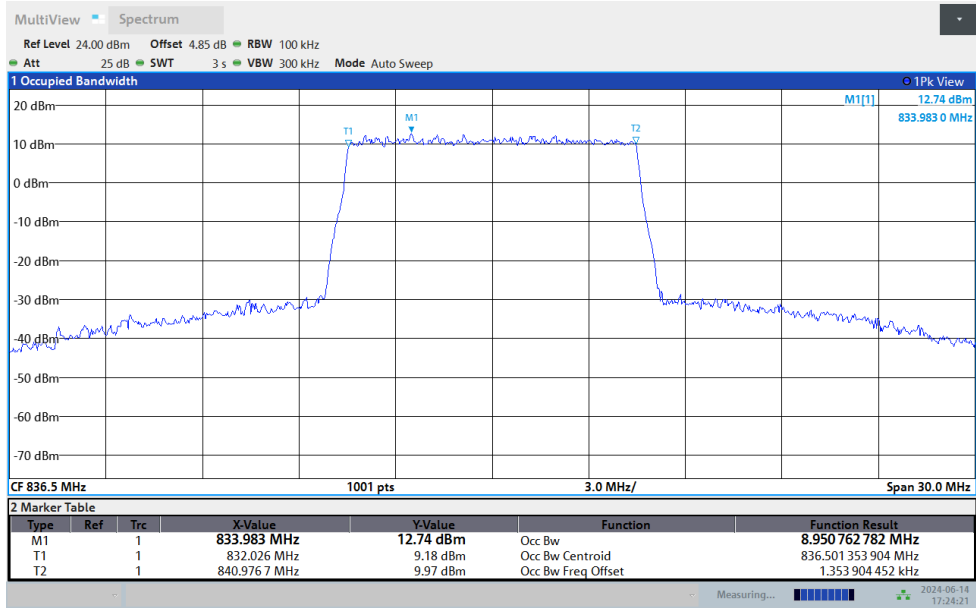


Band5-10MHz-16QAM-20525-50RB#0



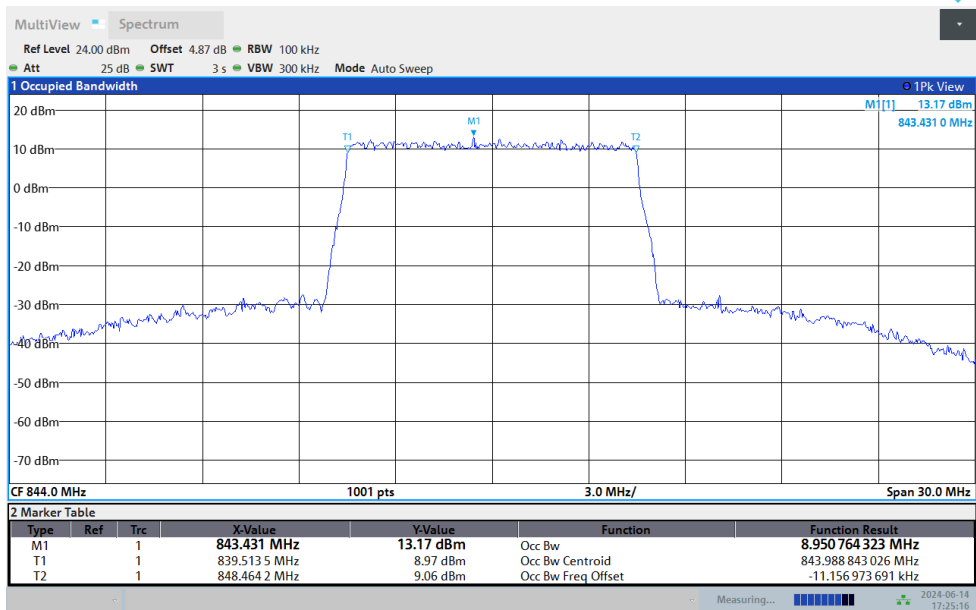
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Band5-10MHz-16QAM-20600-50RB#0



05:25:16 PM 06/14/2024

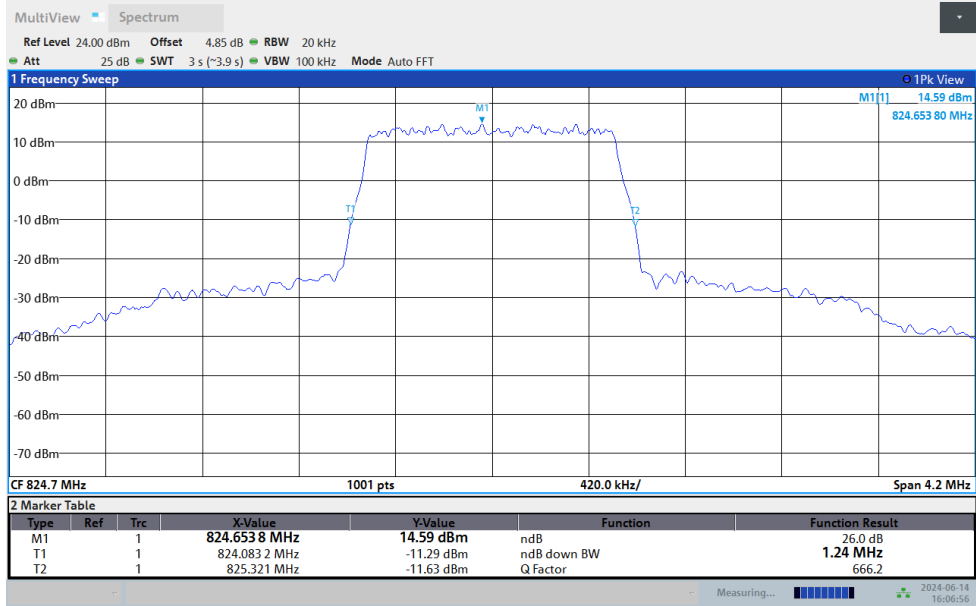
26dB Bandwidth

Band5-1.4MHz-QPSK-20407-6RB#0



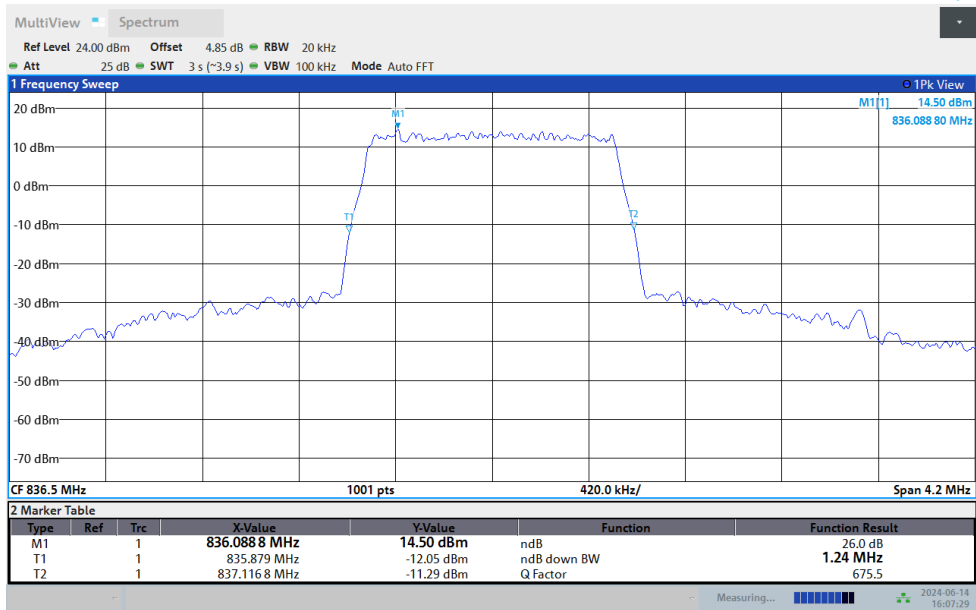
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



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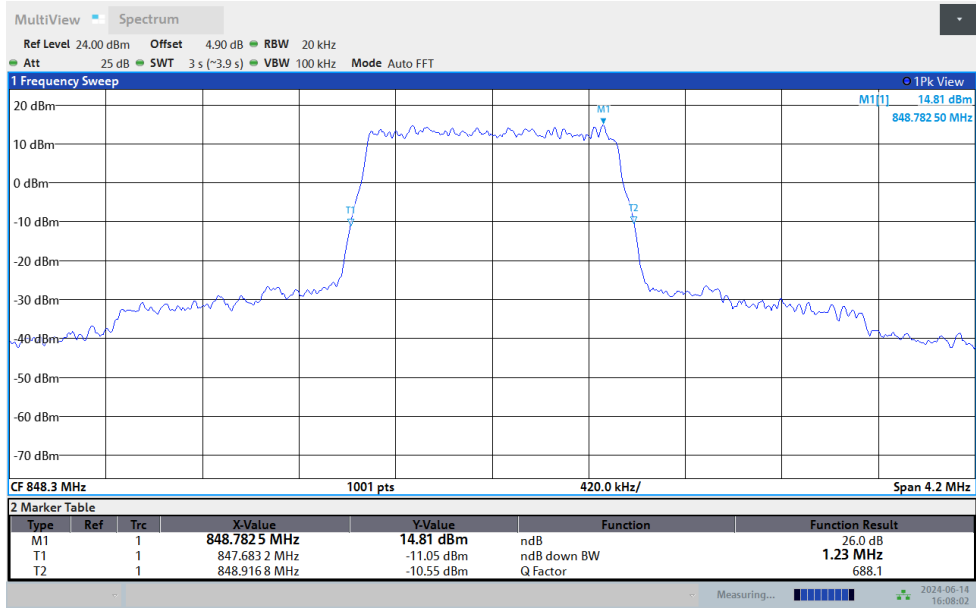
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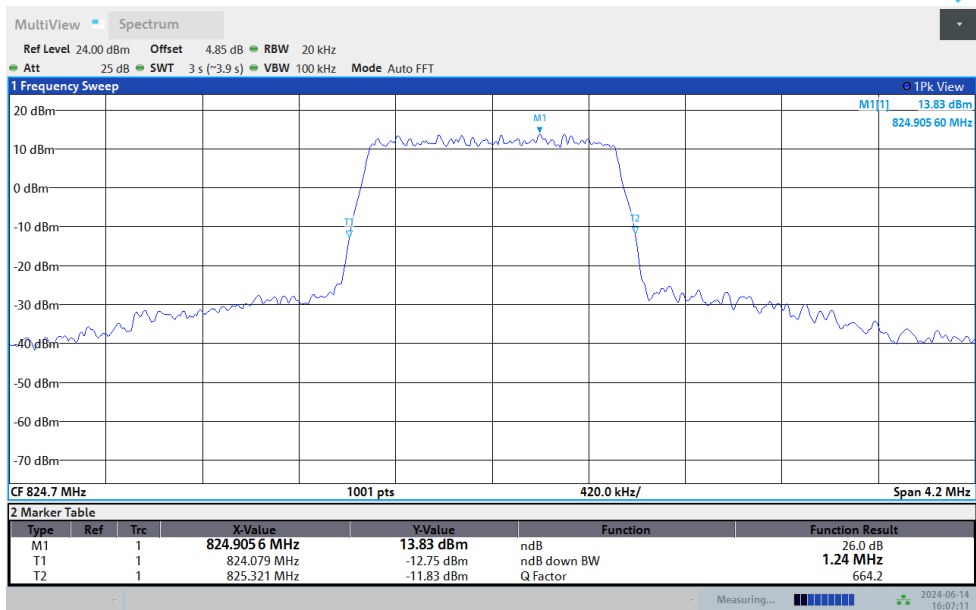
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



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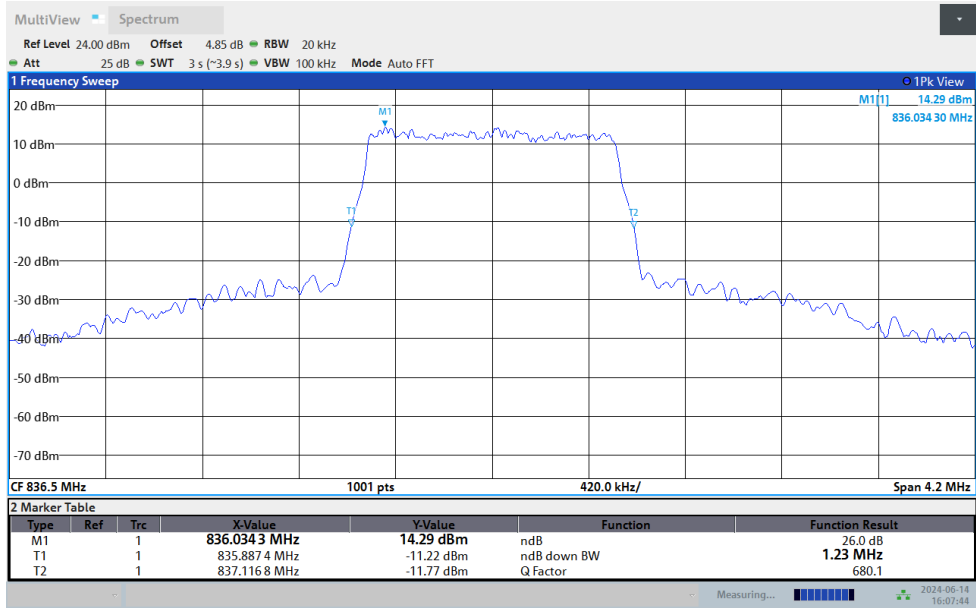
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Band5-1.4MHz-16QAM-20525-6RB#0



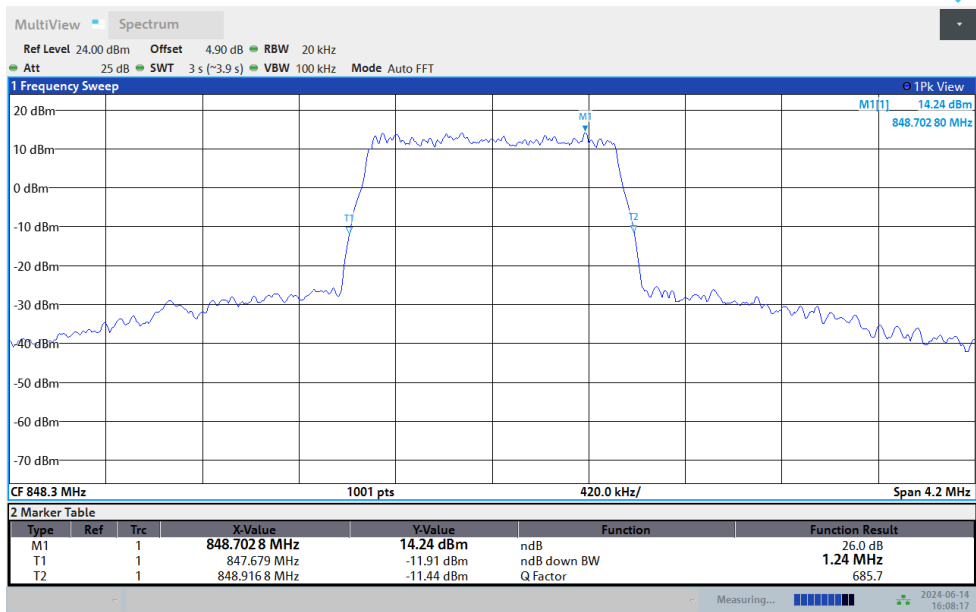
**BUREAU
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Test Report No.: PSU-NQN2405210111RF02



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



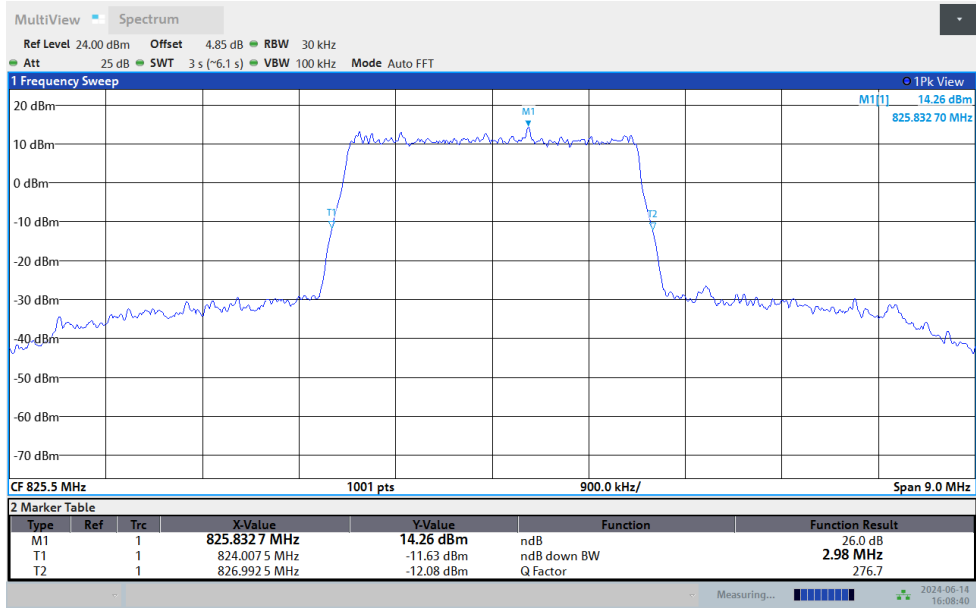
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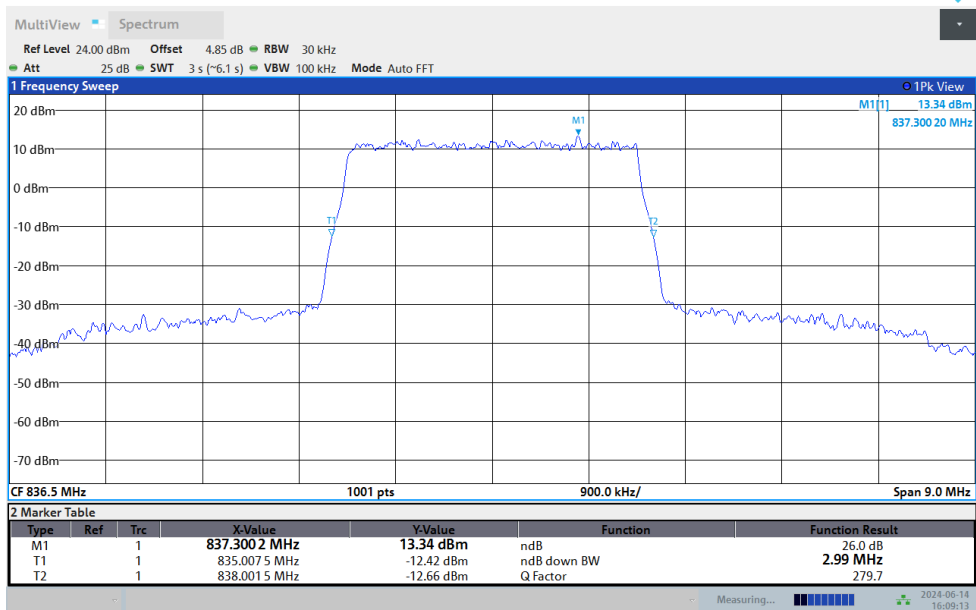
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Test Report No.: PSU-NQN2405210111RF02



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Band5-3MHz-QPSK-20525-15RB#0



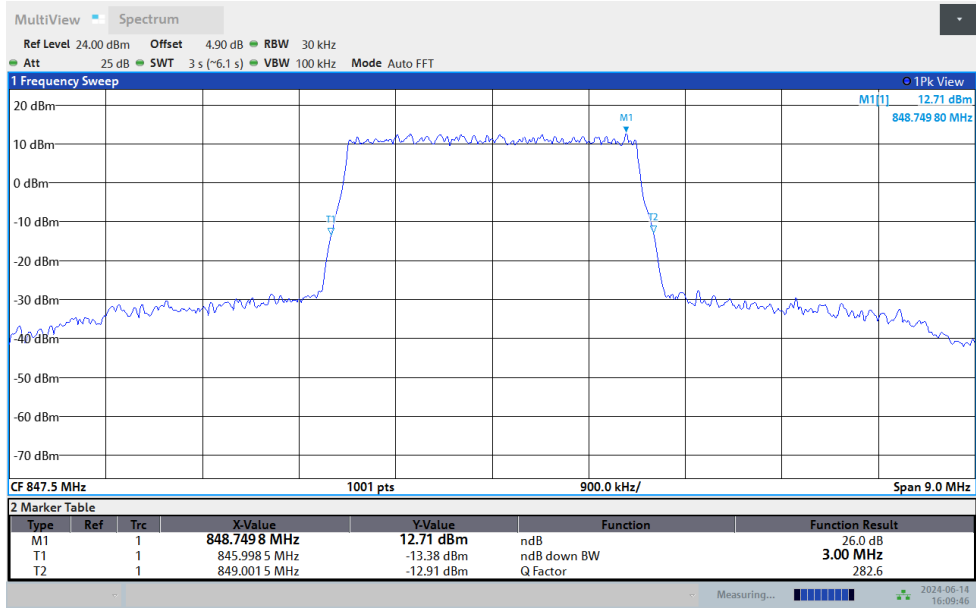
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Band5-3MHz-QPSK-20635-15RB#0



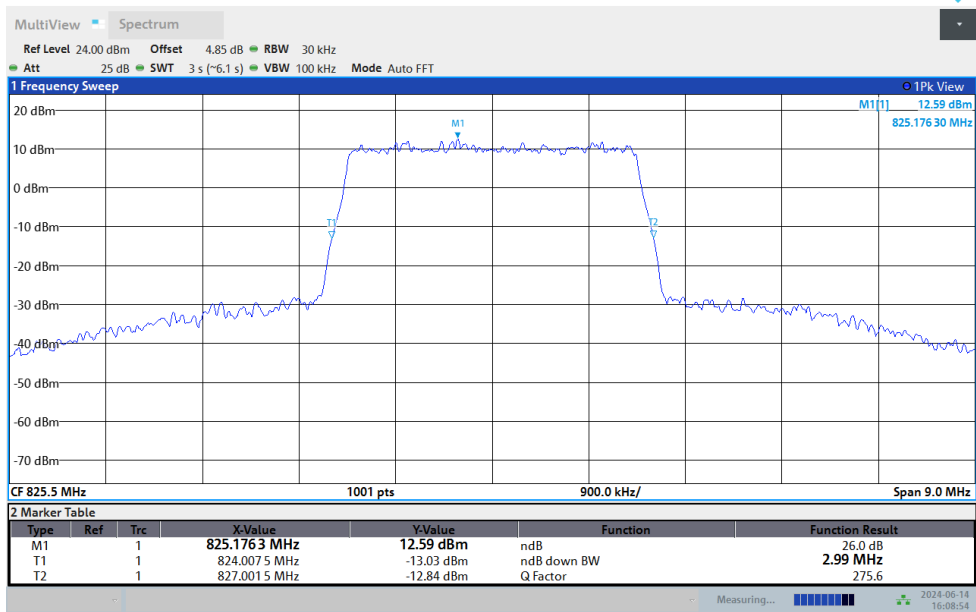
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Test Report No.: PSU-NQN2405210111RF02



04:09:46 PM 06/14/2024

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



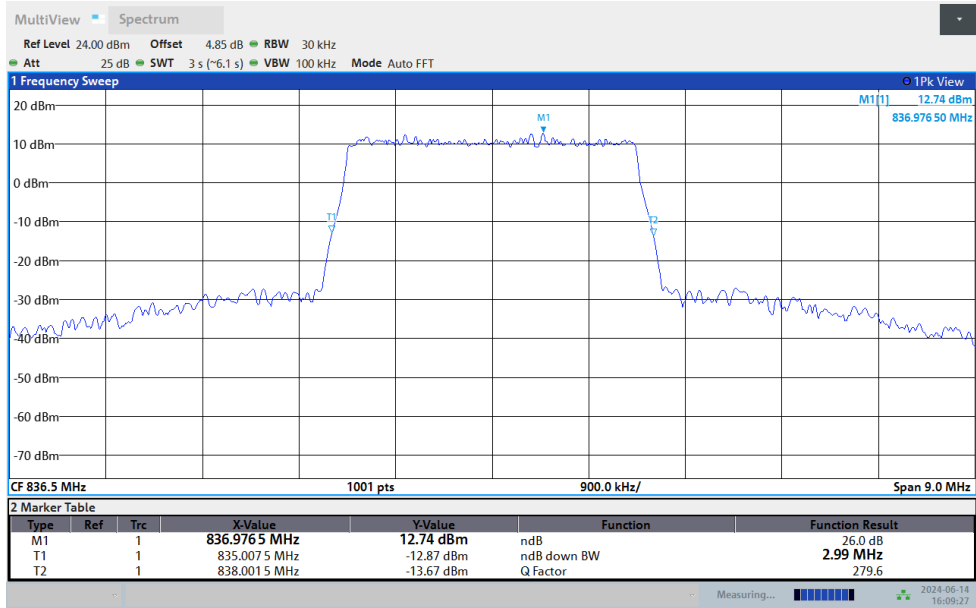
04:08:55 PM 06/14/2024

Band5-3MHz-16QAM-20525-15RB#0



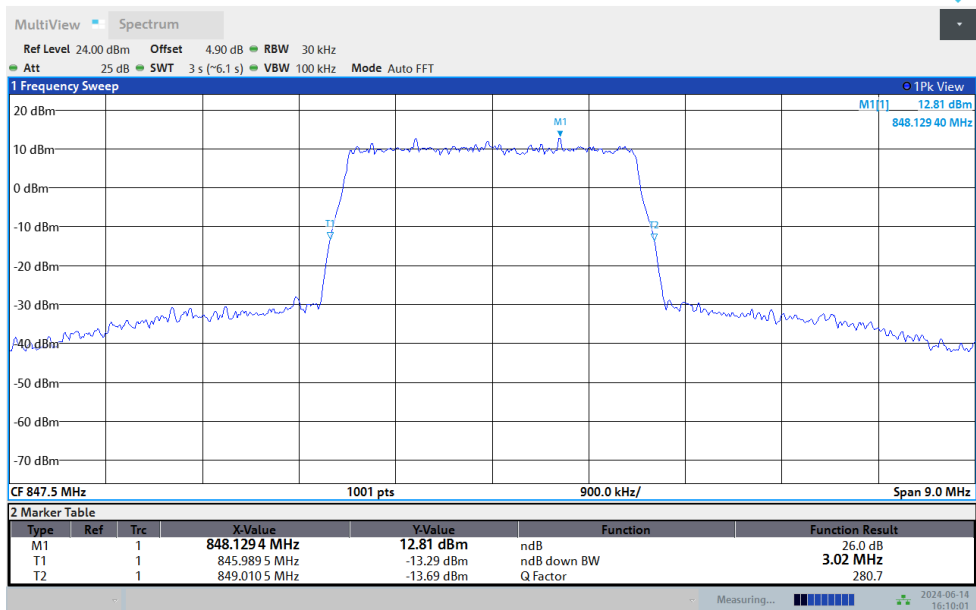
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:09:28 PM 06/14/2024

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



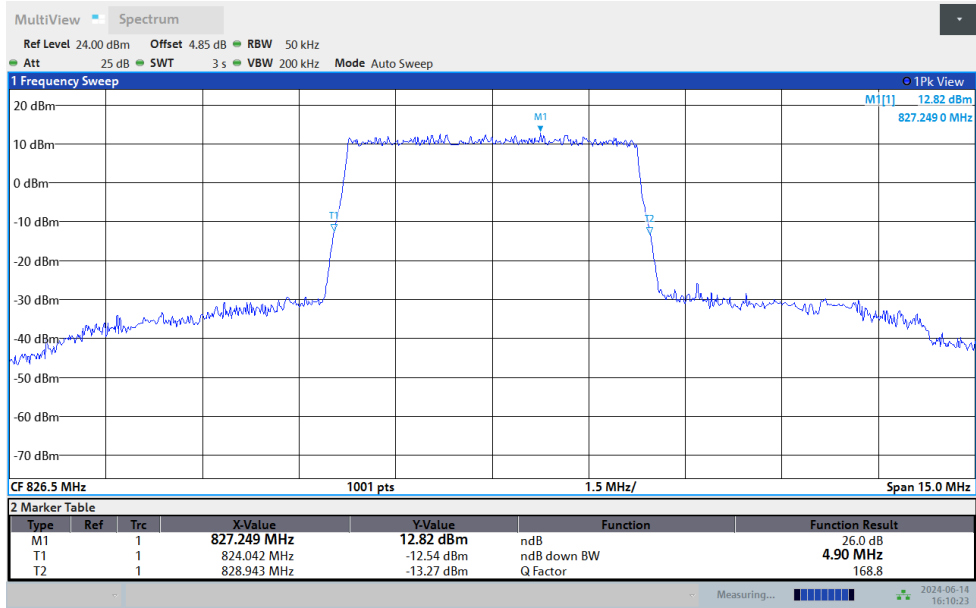
04:10:01 PM 06/14/2024

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



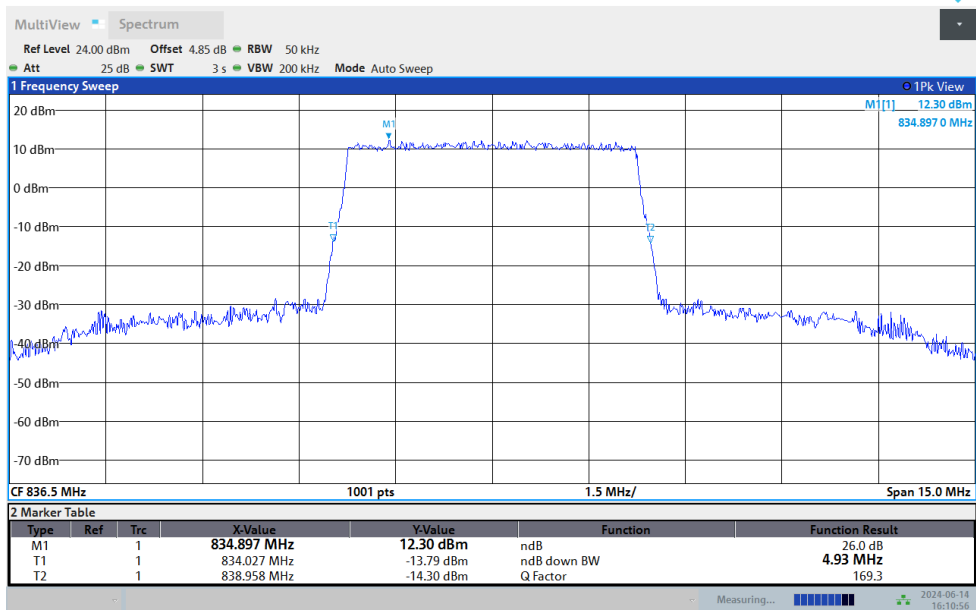
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:10:24 PM 06/14/2024

Band5-5MHz-QPSK-20525-25RB#0



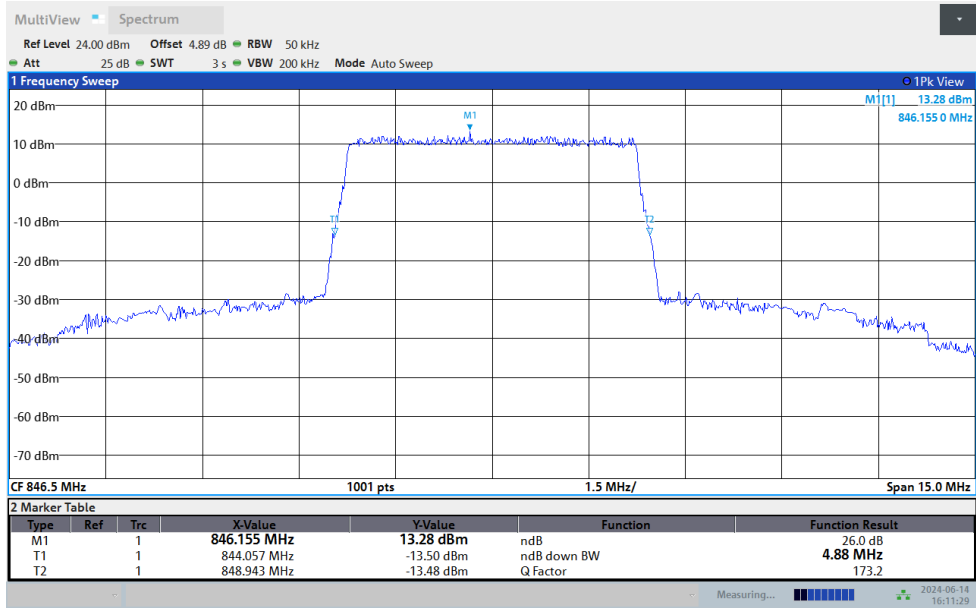
04:10:57 PM 06/14/2024

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



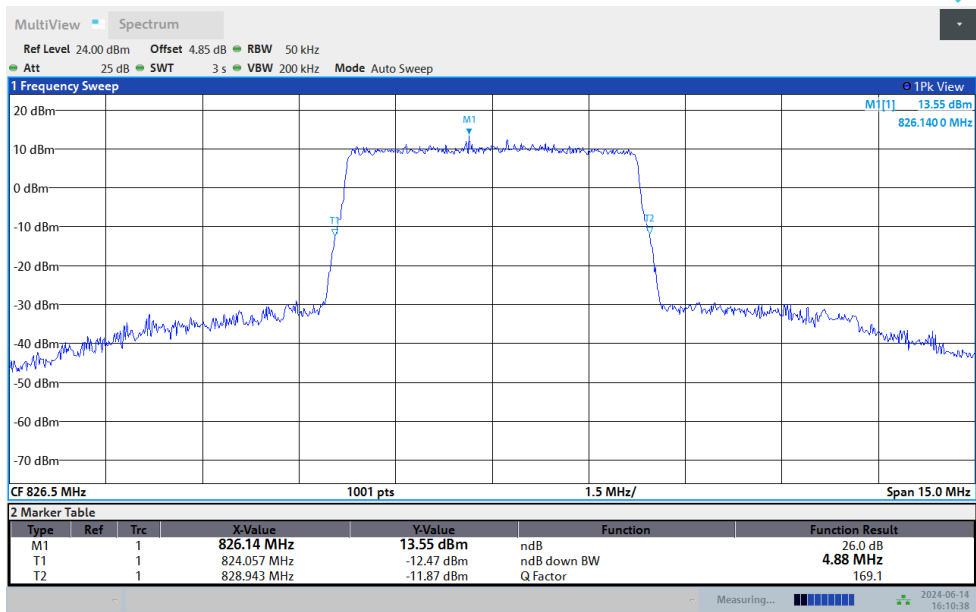
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:11:30 PM 06/14/2024

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



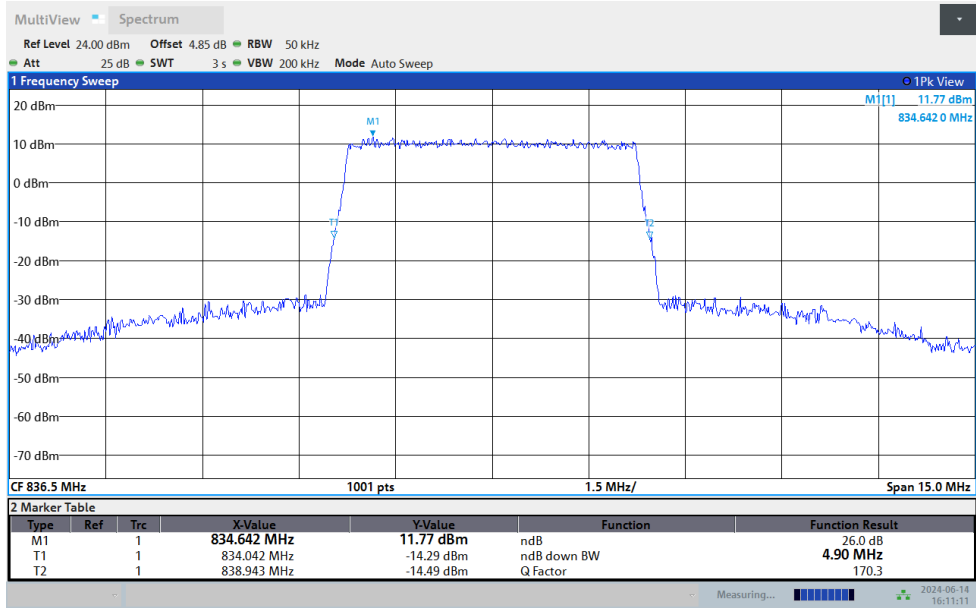
04:10:38 PM 06/14/2024

Band5-5MHz-16QAM-20525-25RB#0



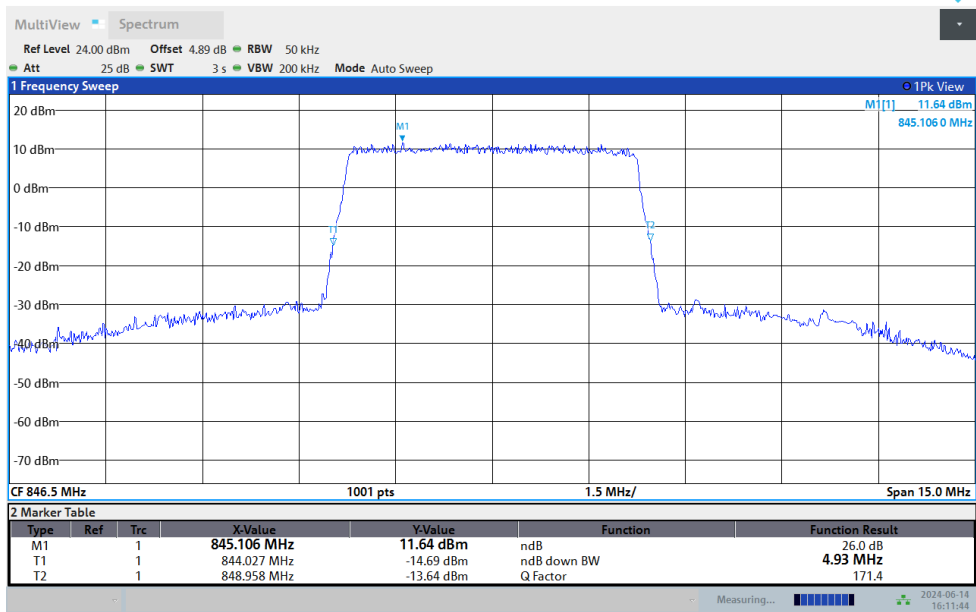
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:11:11 PM 06/14/2024

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



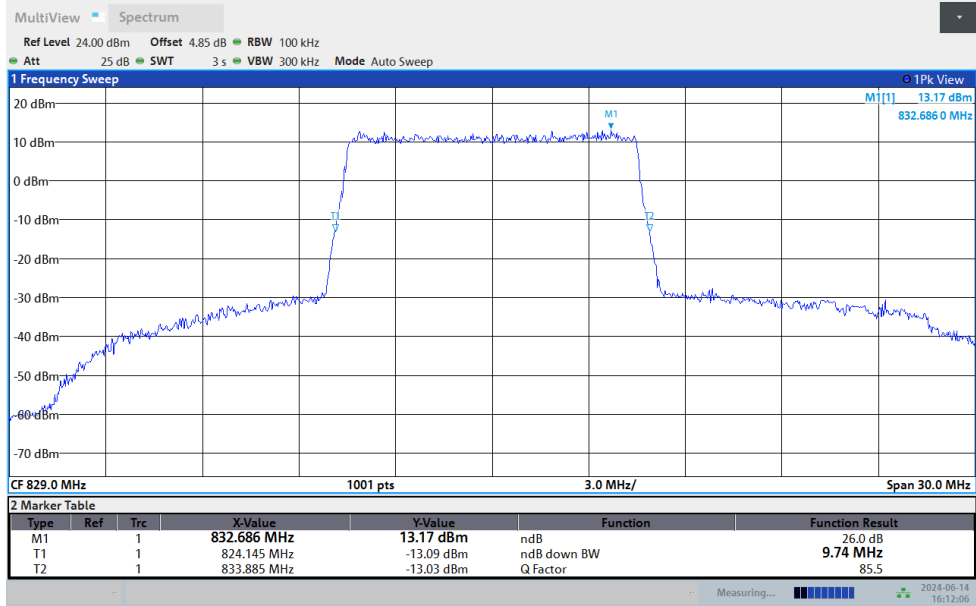
04:11:44 PM 06/14/2024

Band5-10MHz-QPSK-20450-50RB#0



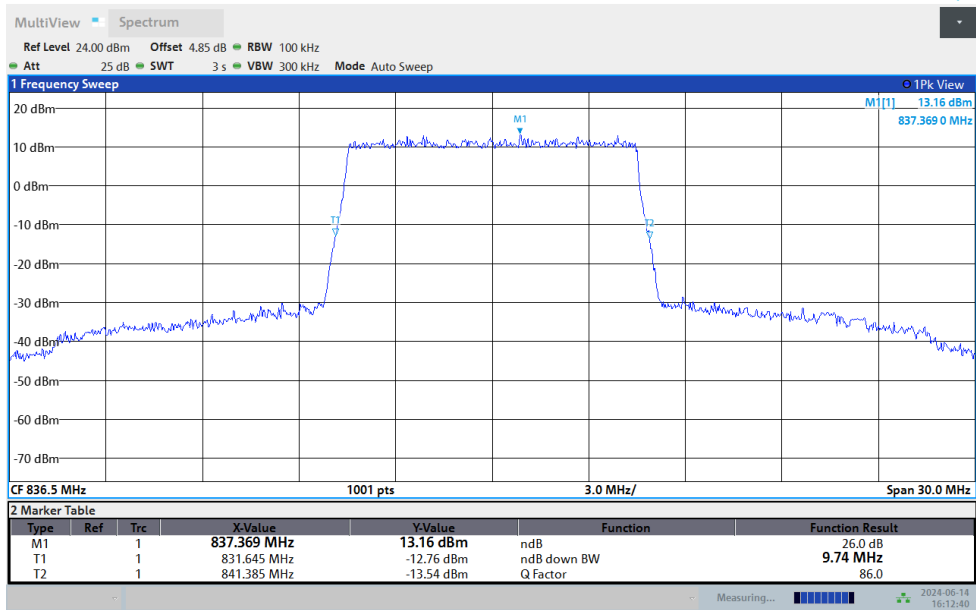
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:12:07 PM 06/14/2024

Band5-10MHz-QPSK-20525-50RB#0



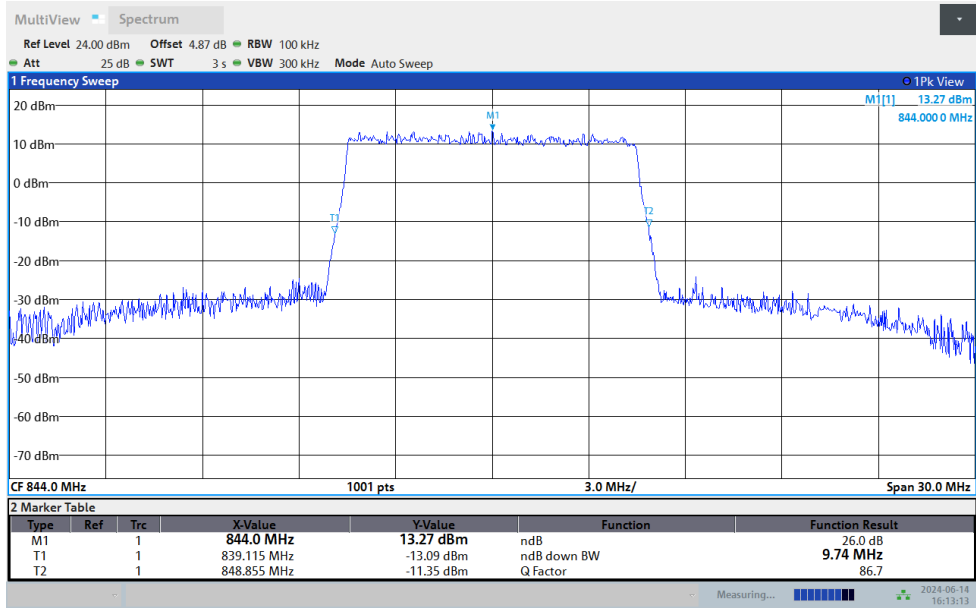
04:12:40 PM 06/14/2024

Band5-10MHz-QPSK-20600-50RB#0



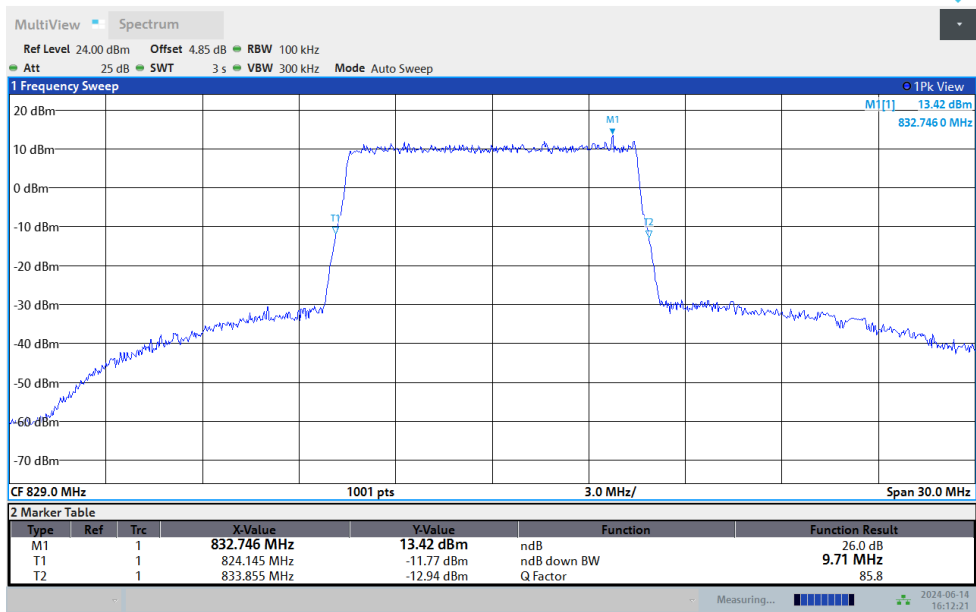
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:13:13 PM 06/14/2024

Band5-10MHz-16QAM-20450-50RB#0



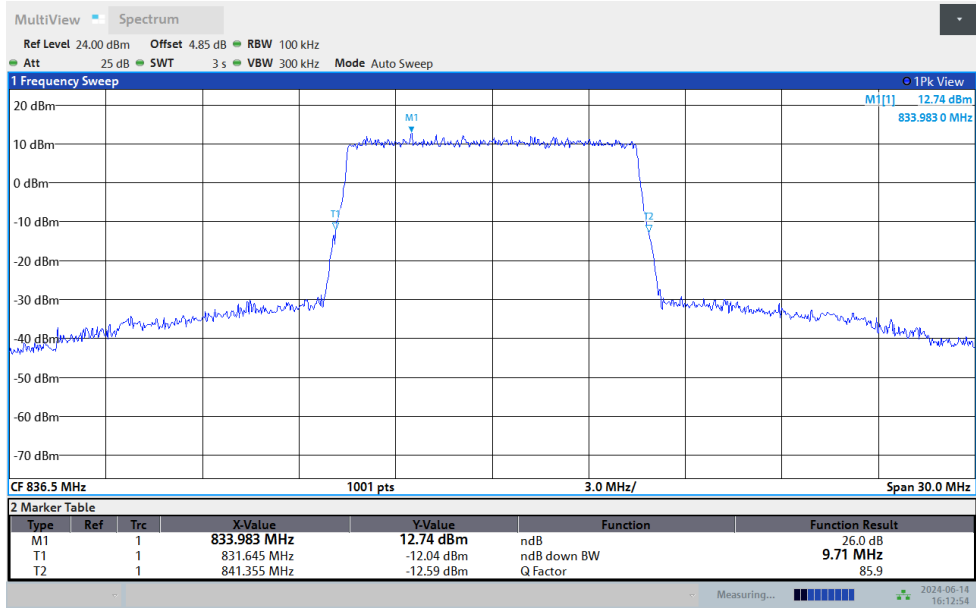
04:12:22 PM 06/14/2024

Band5-10MHz-16QAM-20525-50RB#0



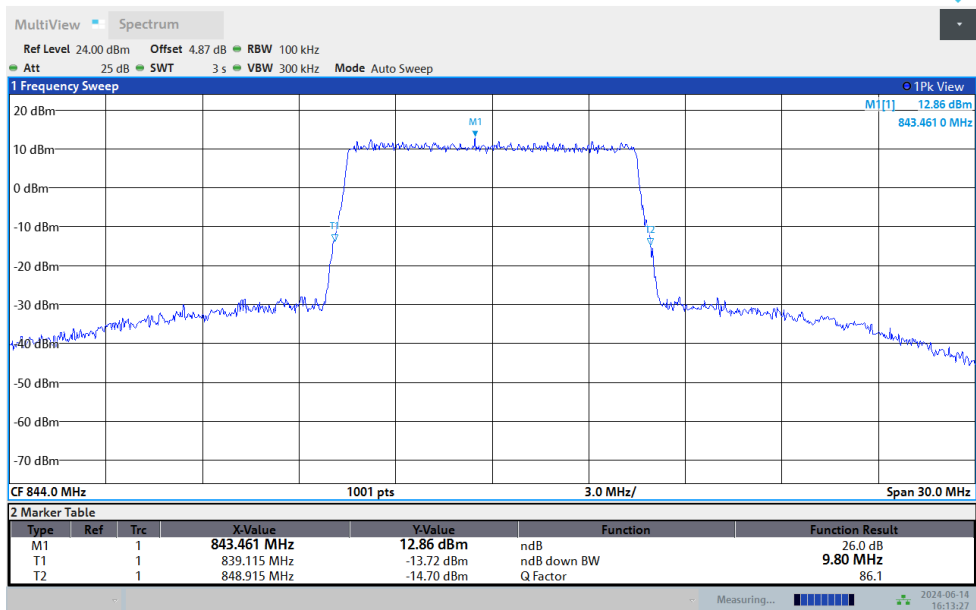
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:12:55 PM 06/14/2024

Band5-10MHz-16QAM-20600-50RB#0



04:13:28 PM 06/14/2024



BAND EDGE

Test Result

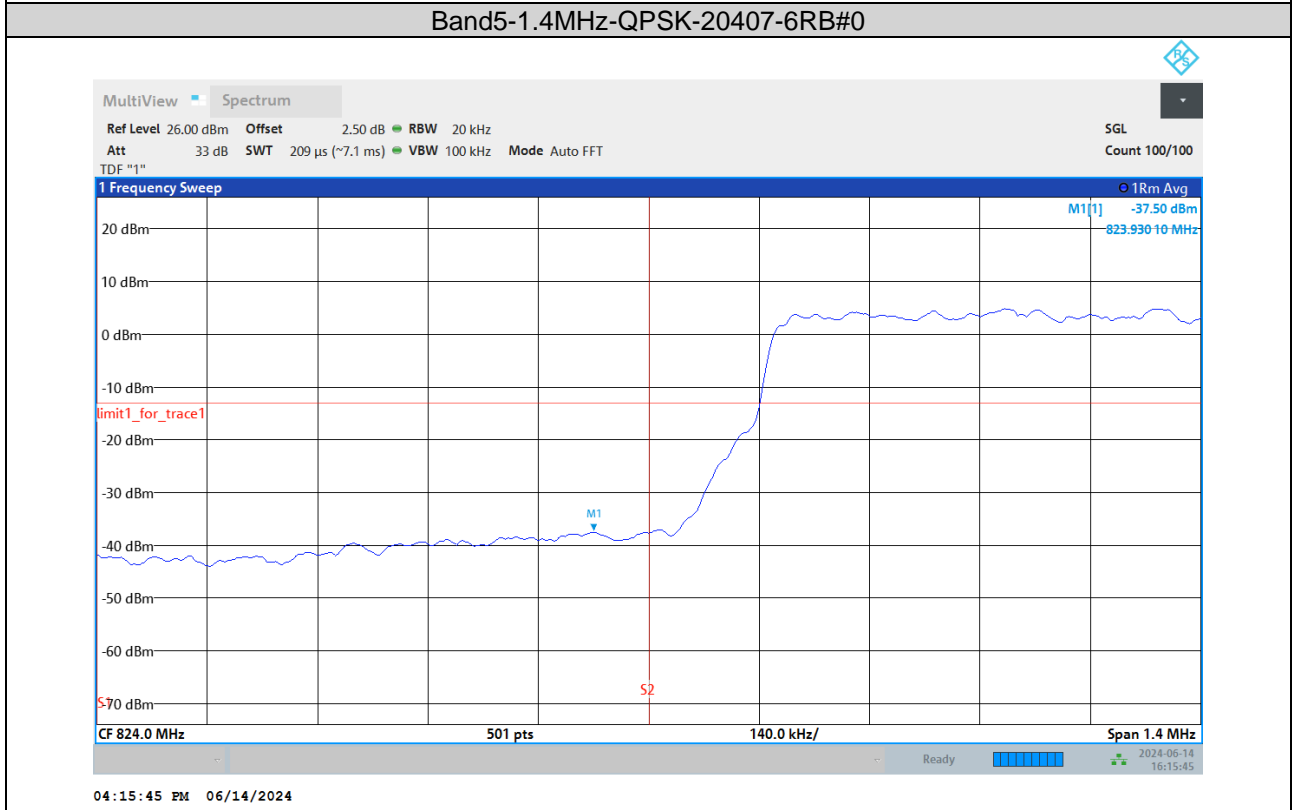
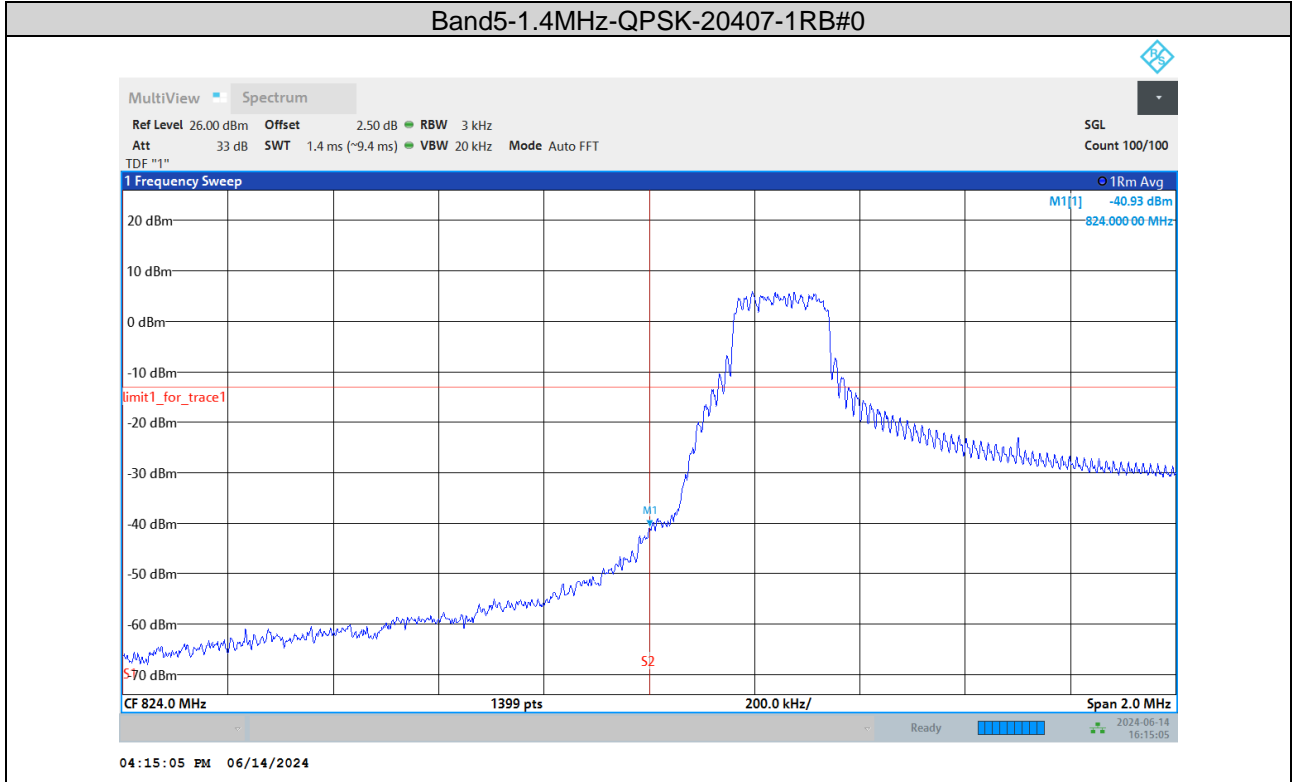
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	See Graph	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	See Graph	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	See Graph	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	See Graph	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	See Graph	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	See Graph	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	See Graph	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	See Graph	PASS
Band5	3MHz	QPSK	20415	1RB#0	See Graph	PASS
Band5	3MHz	QPSK	20415	15RB#0	See Graph	PASS
Band5	3MHz	QPSK	20635	1RB#14	See Graph	PASS
Band5	3MHz	QPSK	20635	15RB#0	See Graph	PASS
Band5	3MHz	16QAM	20415	1RB#0	See Graph	PASS
Band5	3MHz	16QAM	20415	15RB#0	See Graph	PASS
Band5	3MHz	16QAM	20635	1RB#14	See Graph	PASS
Band5	3MHz	16QAM	20635	15RB#0	See Graph	PASS
Band5	5MHz	QPSK	20425	1RB#0	See Graph	PASS
Band5	5MHz	QPSK	20425	25RB#0	See Graph	PASS
Band5	5MHz	QPSK	20625	1RB#24	See Graph	PASS
Band5	5MHz	QPSK	20625	25RB#0	See Graph	PASS
Band5	5MHz	16QAM	20425	1RB#0	See Graph	PASS
Band5	5MHz	16QAM	20425	25RB#0	See Graph	PASS
Band5	5MHz	16QAM	20625	1RB#24	See Graph	PASS
Band5	5MHz	16QAM	20625	25RB#0	See Graph	PASS
Band5	10MHz	QPSK	20450	1RB#0	See Graph	PASS
Band5	10MHz	QPSK	20450	50RB#0	See Graph	PASS
Band5	10MHz	QPSK	20600	1RB#49	See Graph	PASS
Band5	10MHz	QPSK	20600	50RB#0	See Graph	PASS
Band5	10MHz	16QAM	20450	1RB#0	See Graph	PASS
Band5	10MHz	16QAM	20450	50RB#0	See Graph	PASS
Band5	10MHz	16QAM	20600	1RB#49	See Graph	PASS
Band5	10MHz	16QAM	20600	50RB#0	See Graph	PASS



BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02

Test Graphs



Band5-1.4MHz-QPSK-20643-1RB#5

Huarui 7layers High Technology (Suzhou) Co., Ltd.

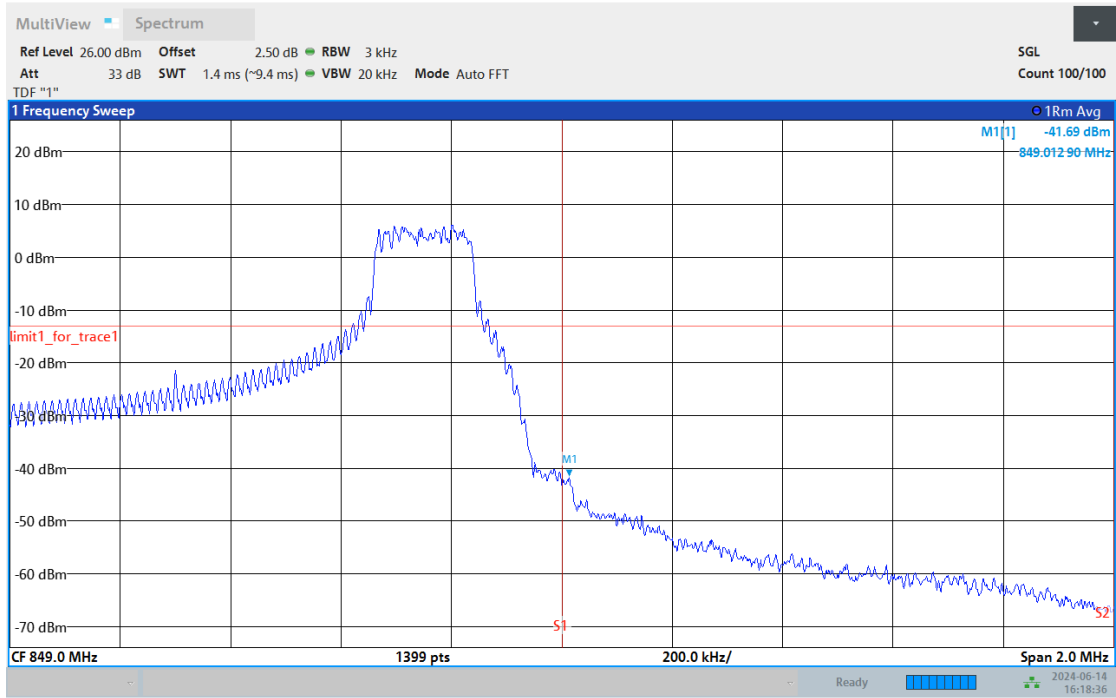
Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province

Tel: +86 (0557) 368 1008



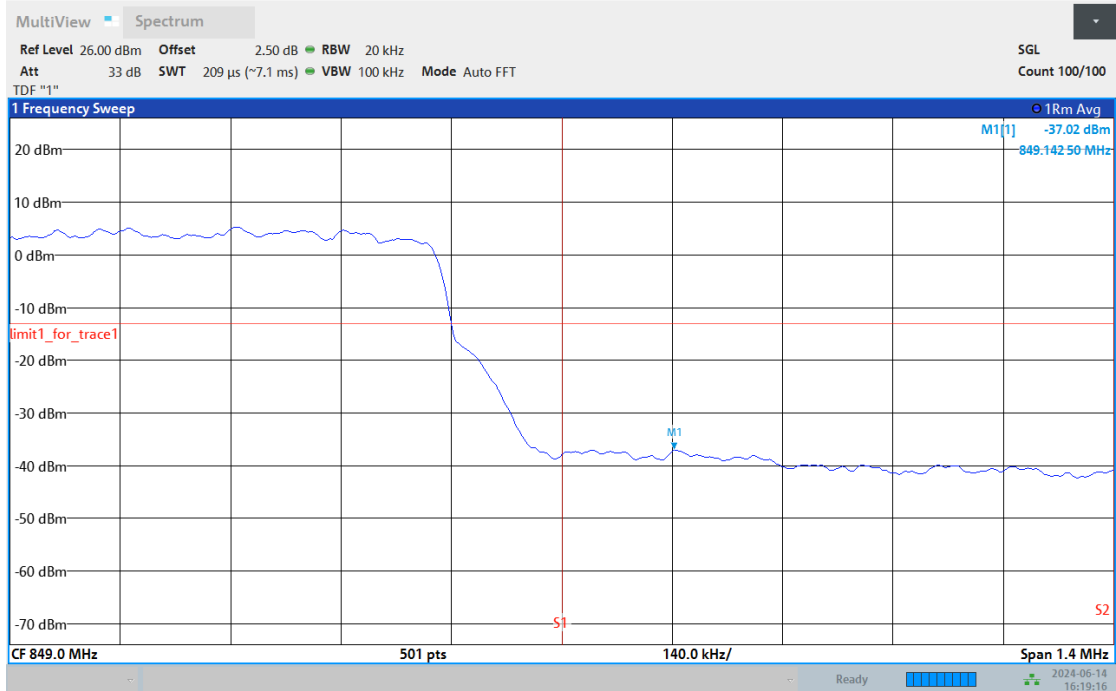
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:18:36 PM 06/14/2024

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



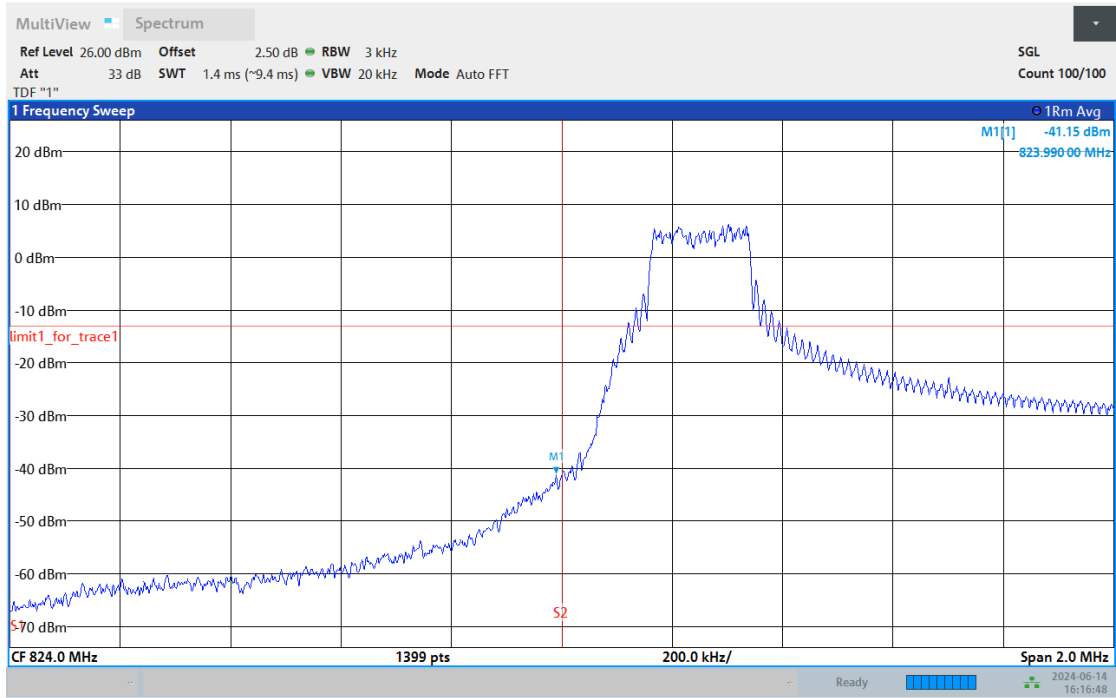
04:19:16 PM 06/14/2024

Band5-1.4MHz-16QAM-20407-1RB#0



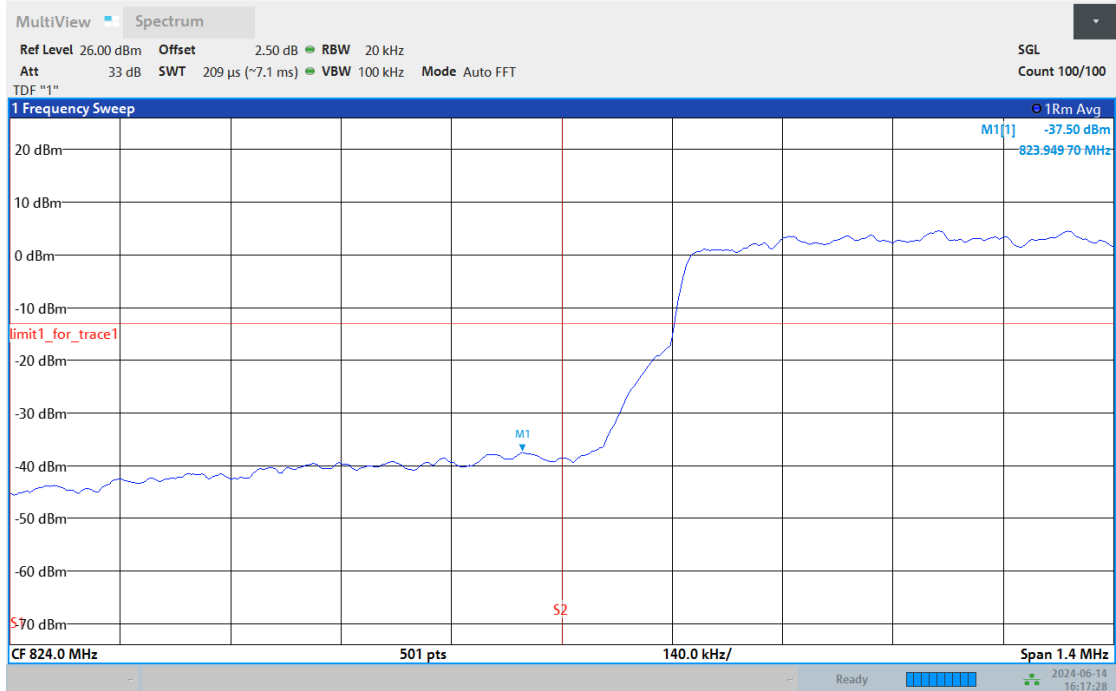
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:16:49 PM 06/14/2024

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



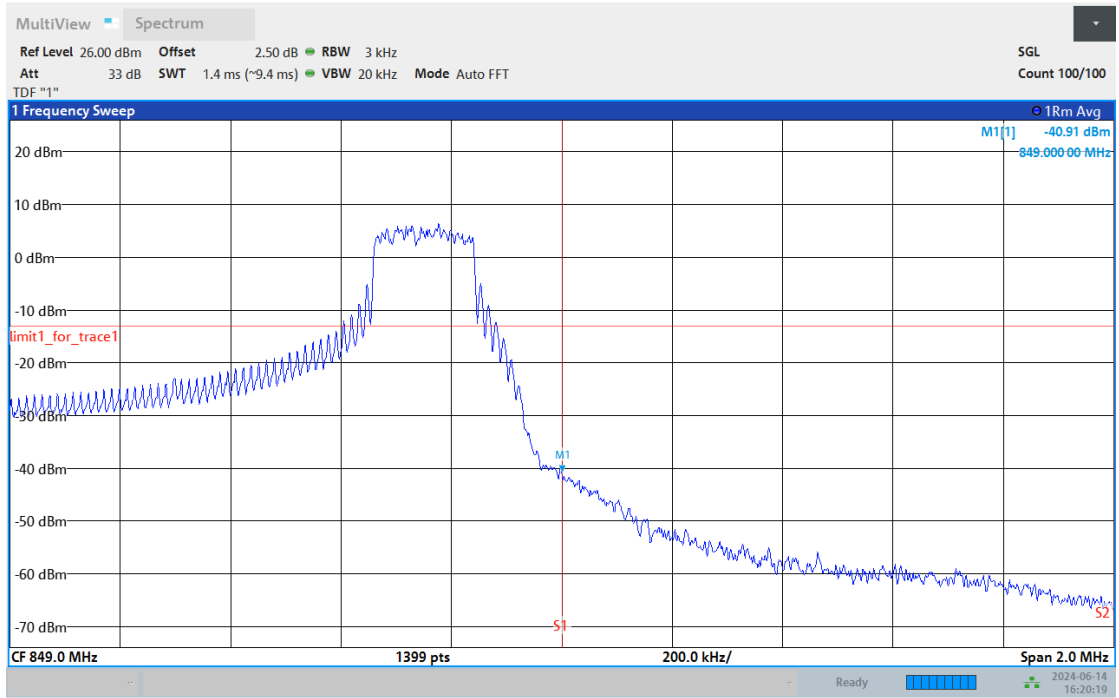
04:17:29 PM 06/14/2024

Band5-1.4MHz-16QAM-20643-1RB#5

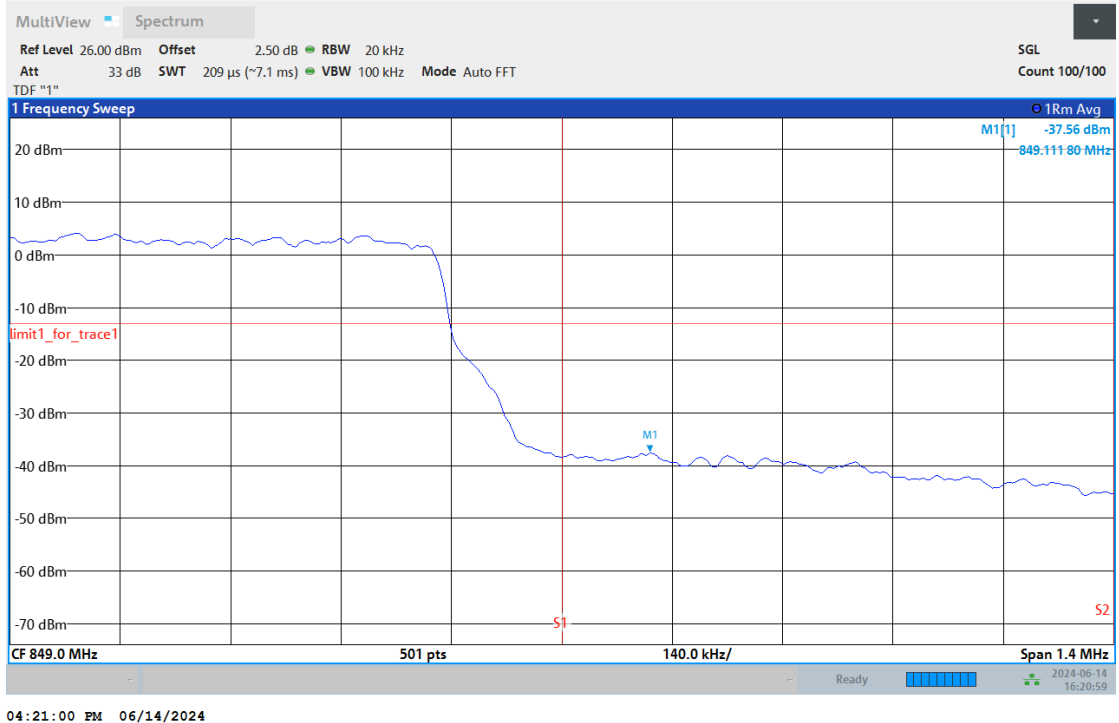


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



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

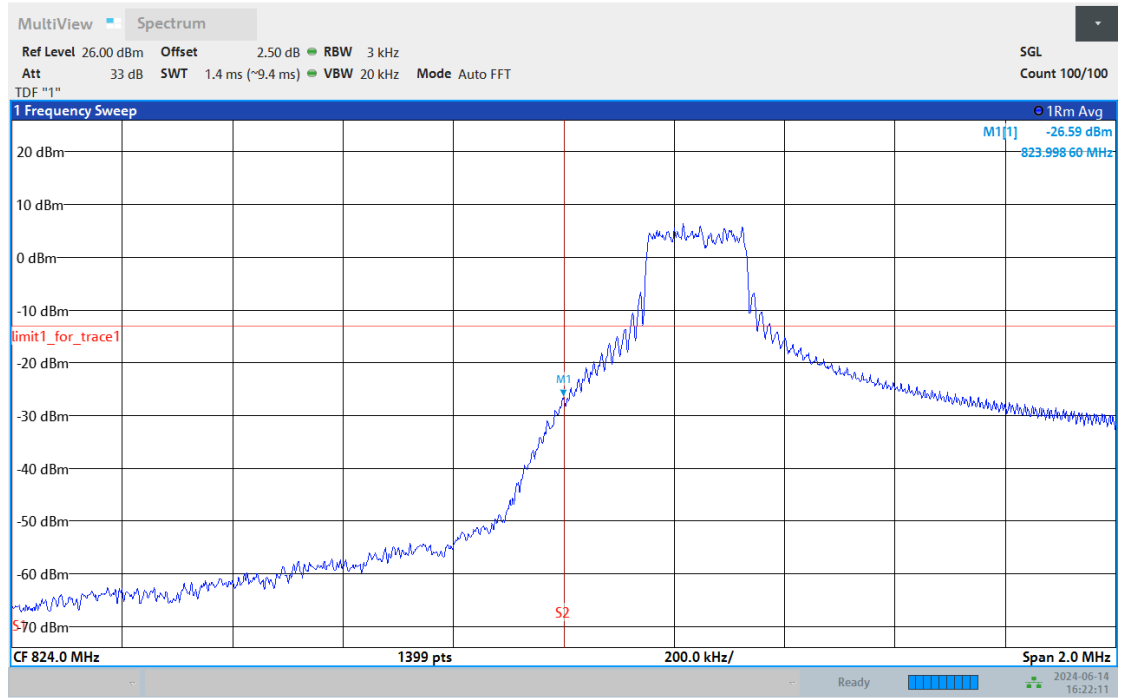


Band5-3MHz-QPSK-20415-1RB#0



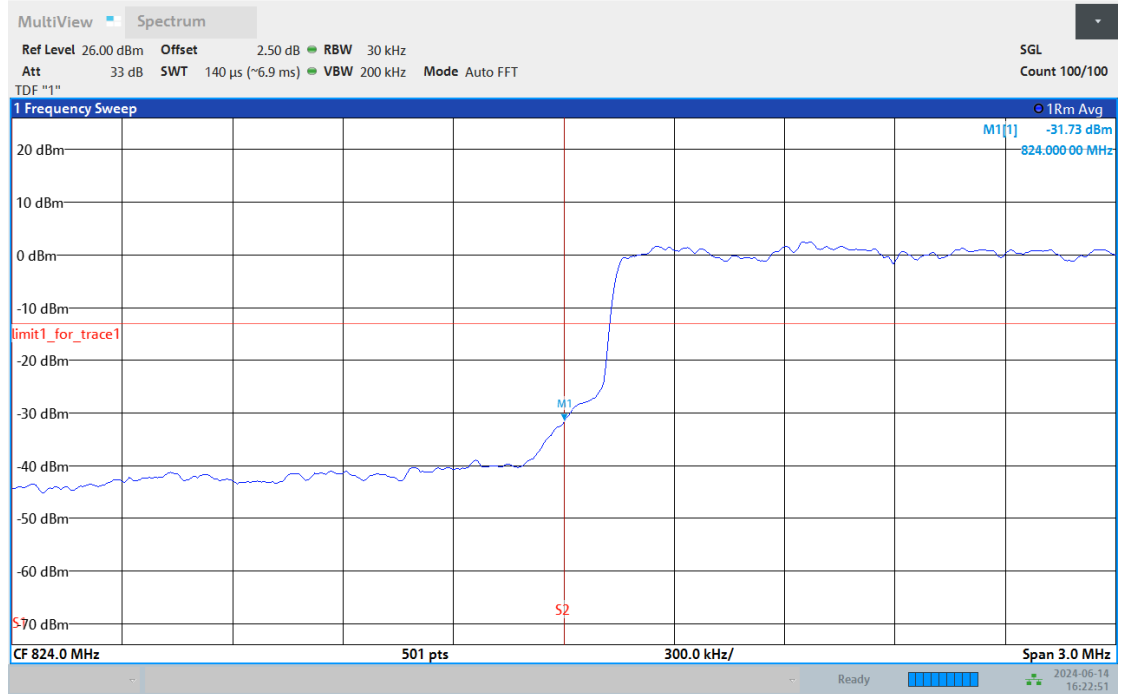
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:22:12 PM 06/14/2024

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



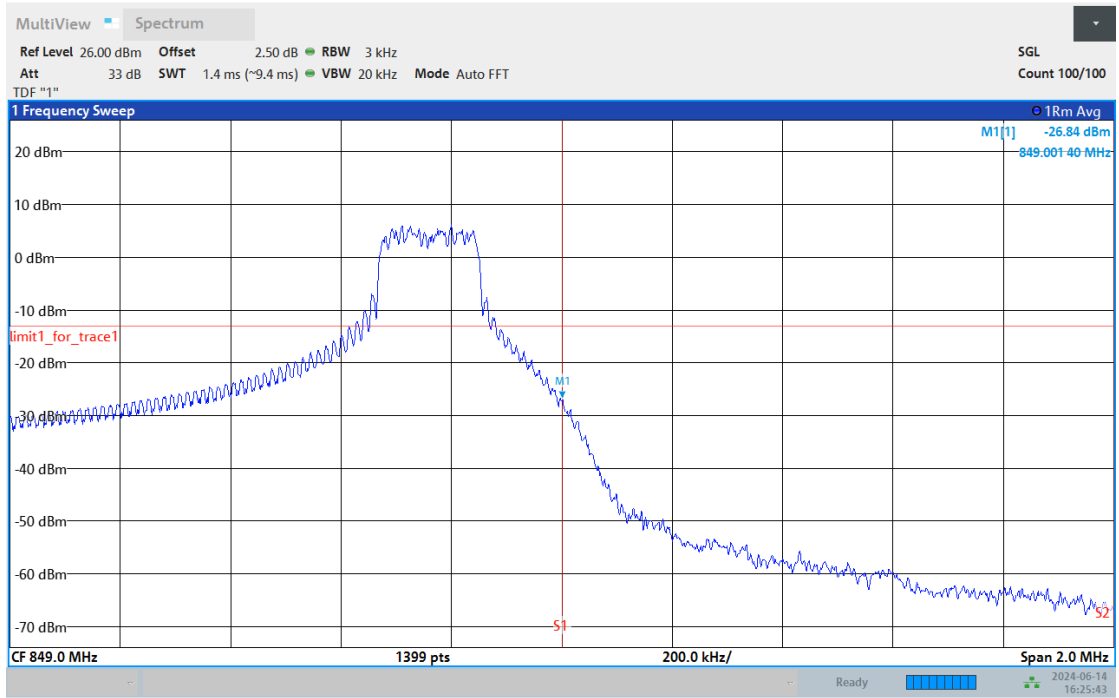
04:22:52 PM 06/14/2024

Band5-3MHz-QPSK-20635-1RB#14



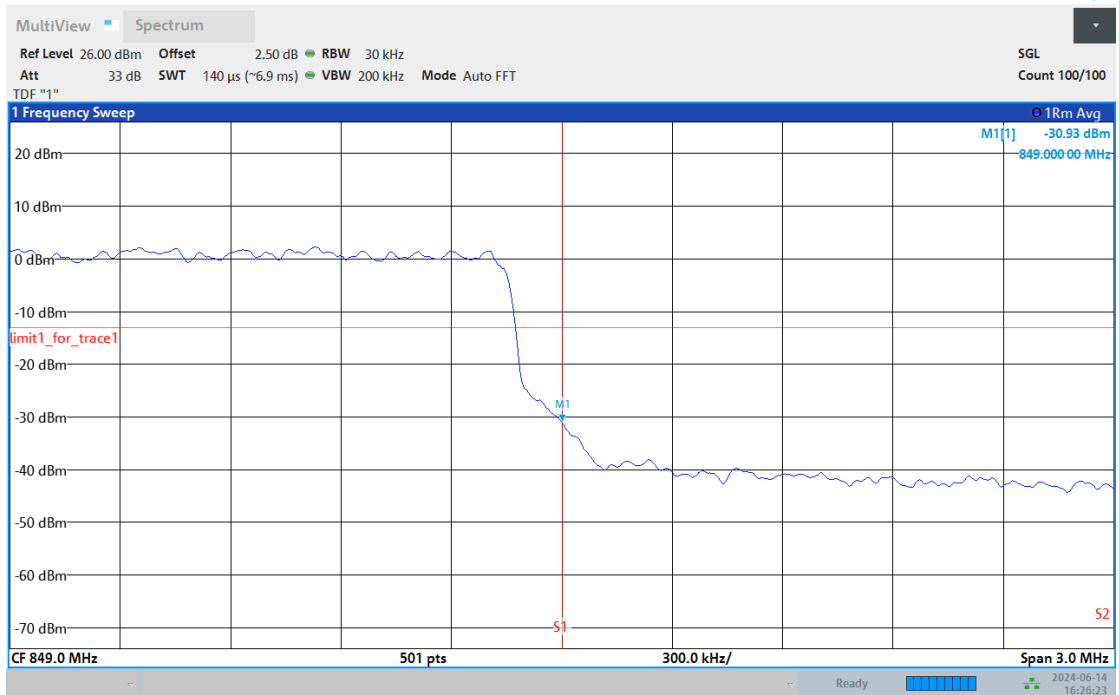
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:25:43 PM 06/14/2024

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



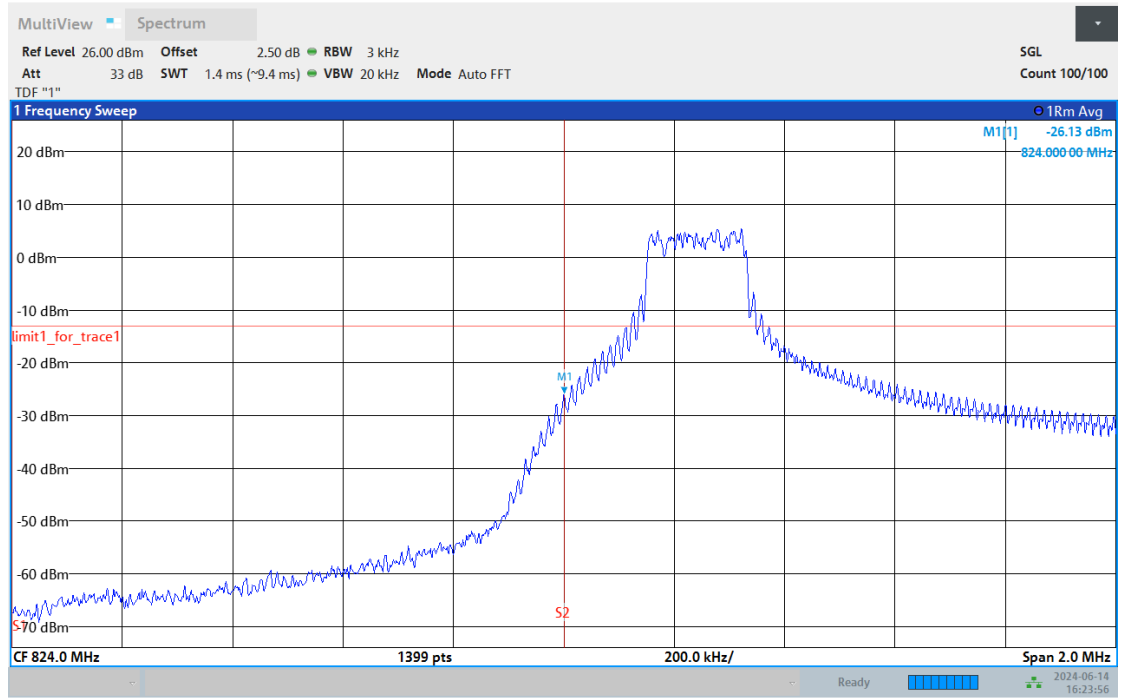
04:26:23 PM 06/14/2024

Band5-3MHz-16QAM-20415-1RB#0



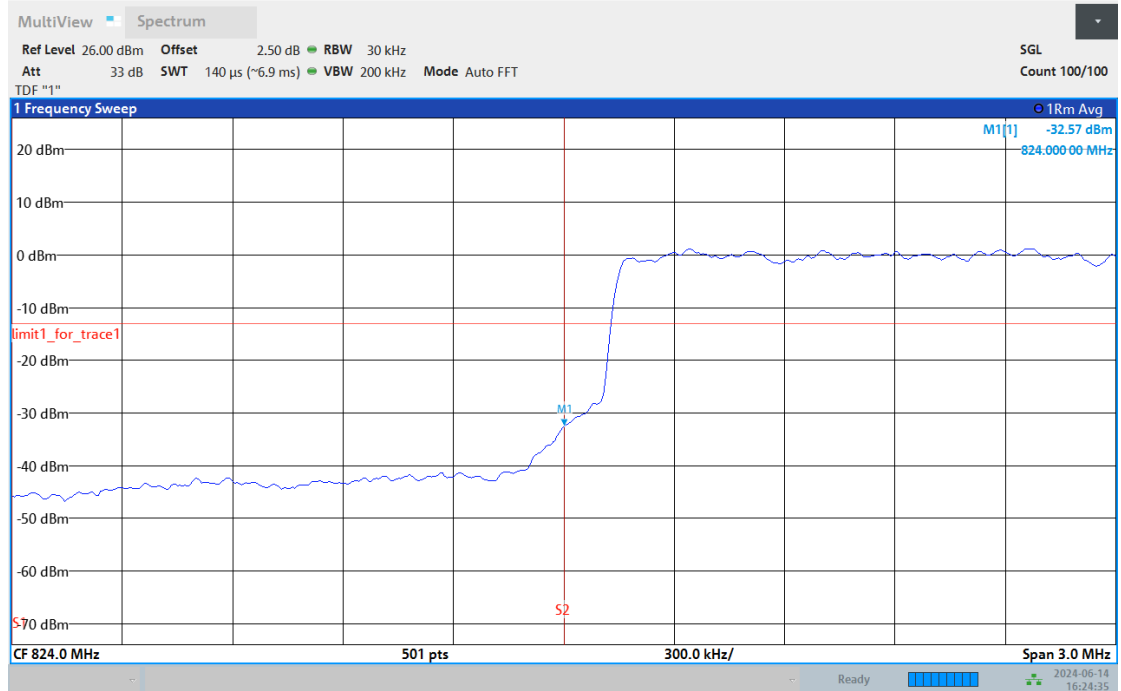
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:23:56 PM 06/14/2024

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



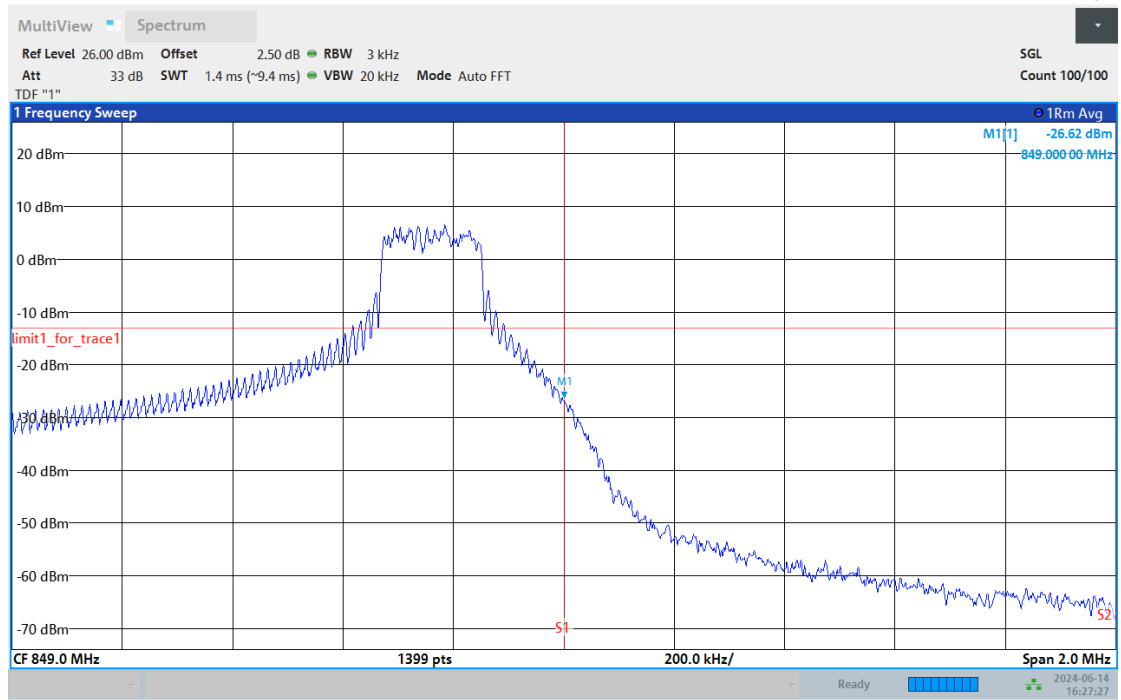
04:24:36 PM 06/14/2024

Band5-3MHz-16QAM-20635-1RB#14



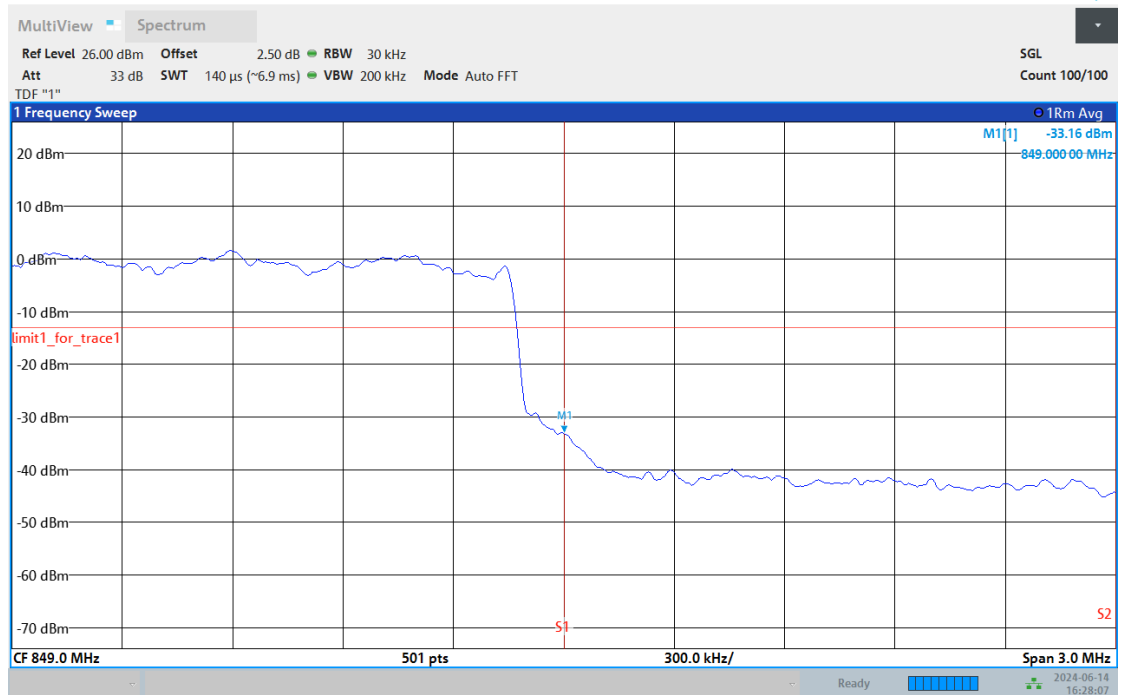
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:27:27 PM 06/14/2024

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



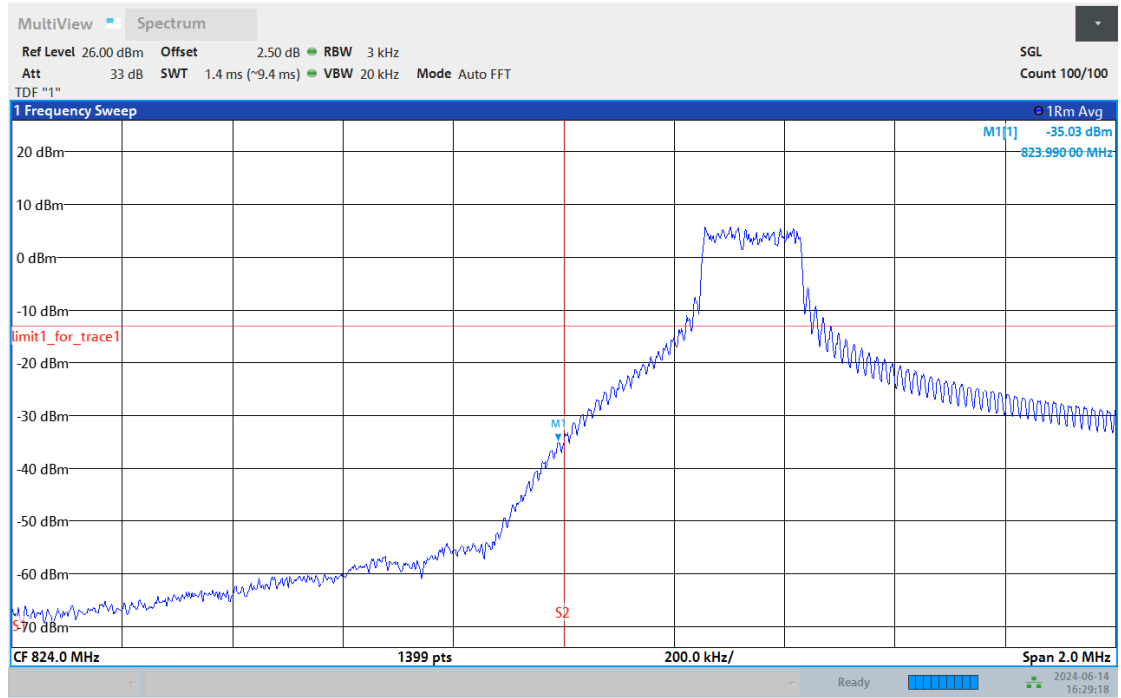
04:28:07 PM 06/14/2024

Band5-5MHz-QPSK-20425-1RB#0



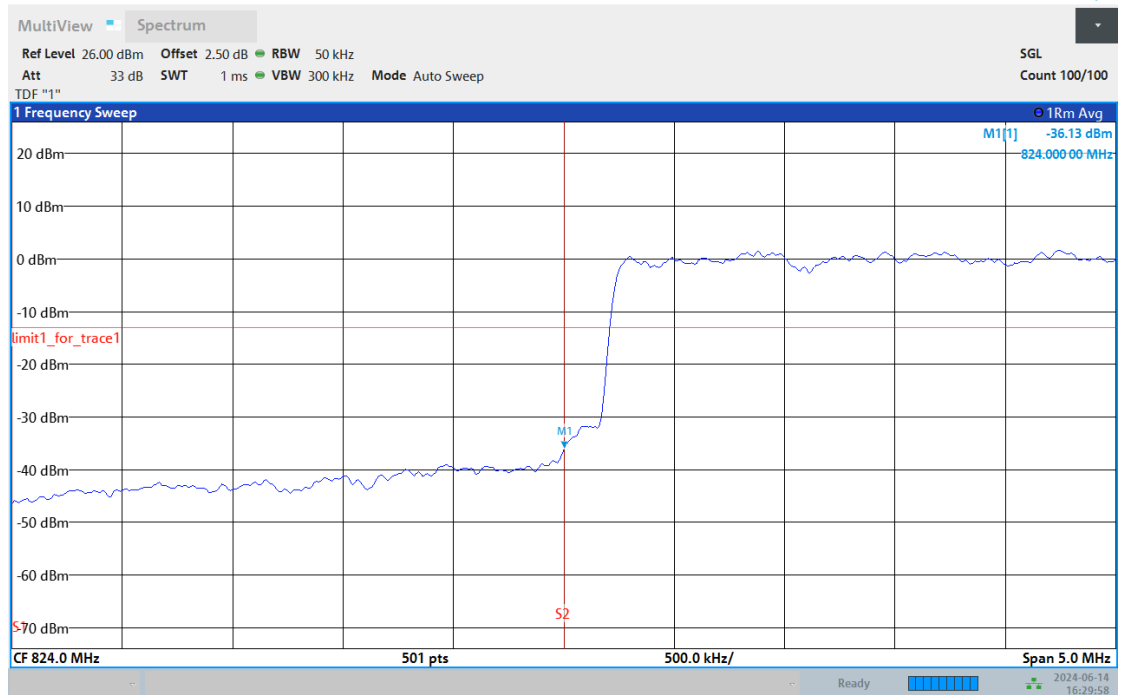
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:29:19 PM 06/14/2024

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



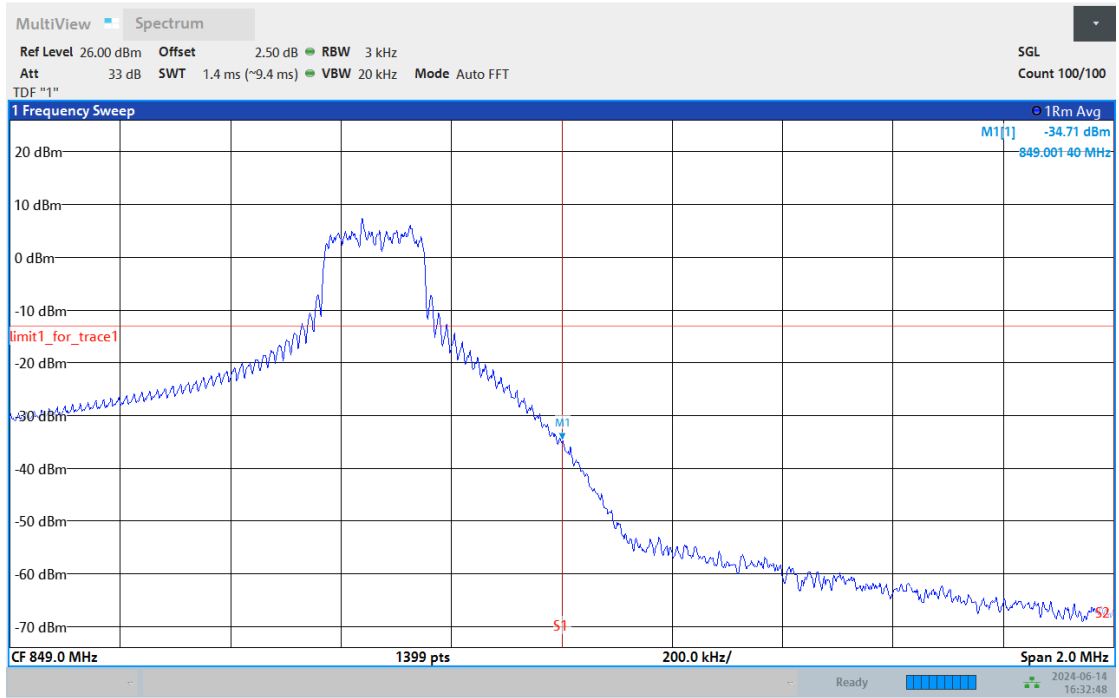
04:29:58 PM 06/14/2024

Band5-5MHz-QPSK-20625-1RB#24



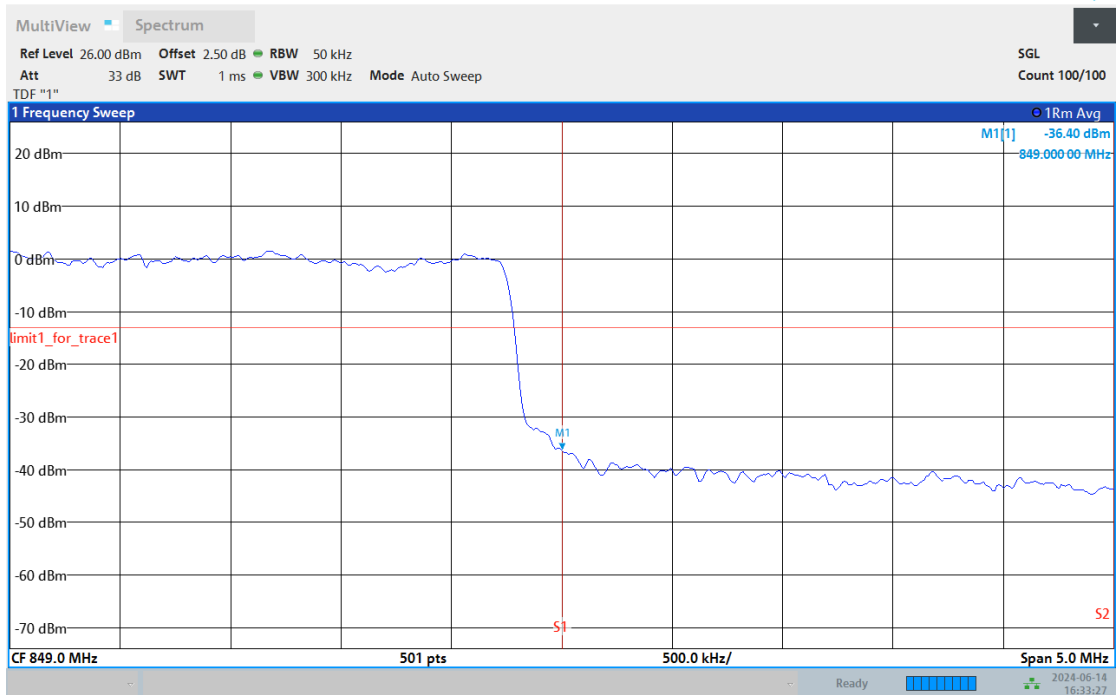
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:32:48 PM 06/14/2024

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



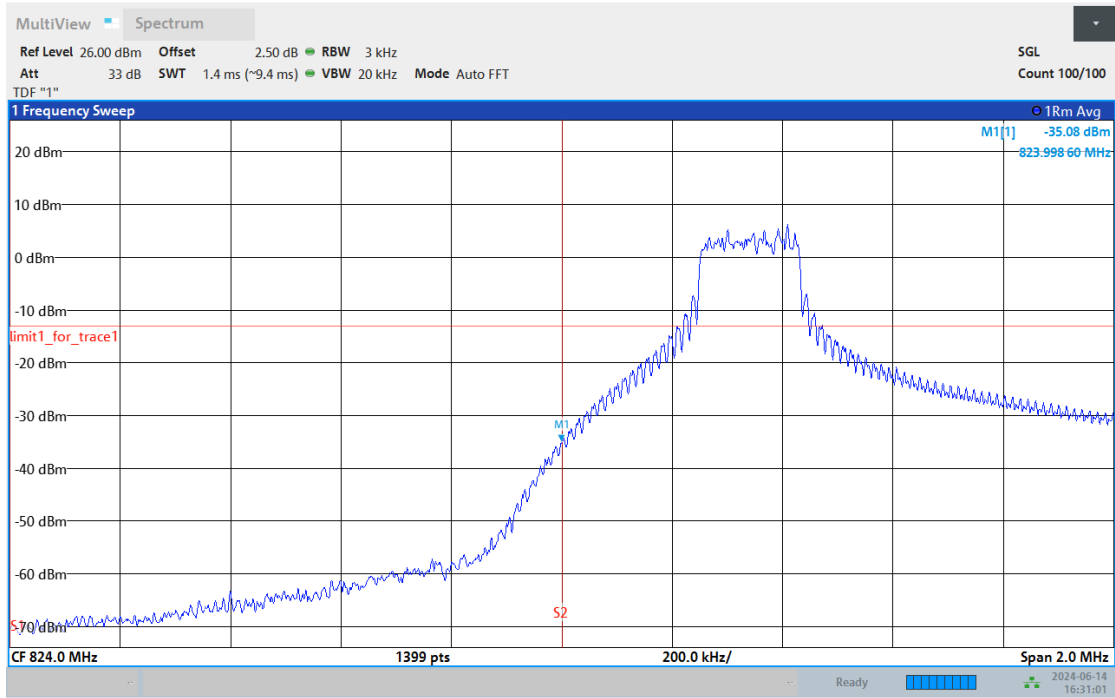
04:33:28 PM 06/14/2024

Band5-5MHz-16QAM-20425-1RB#0

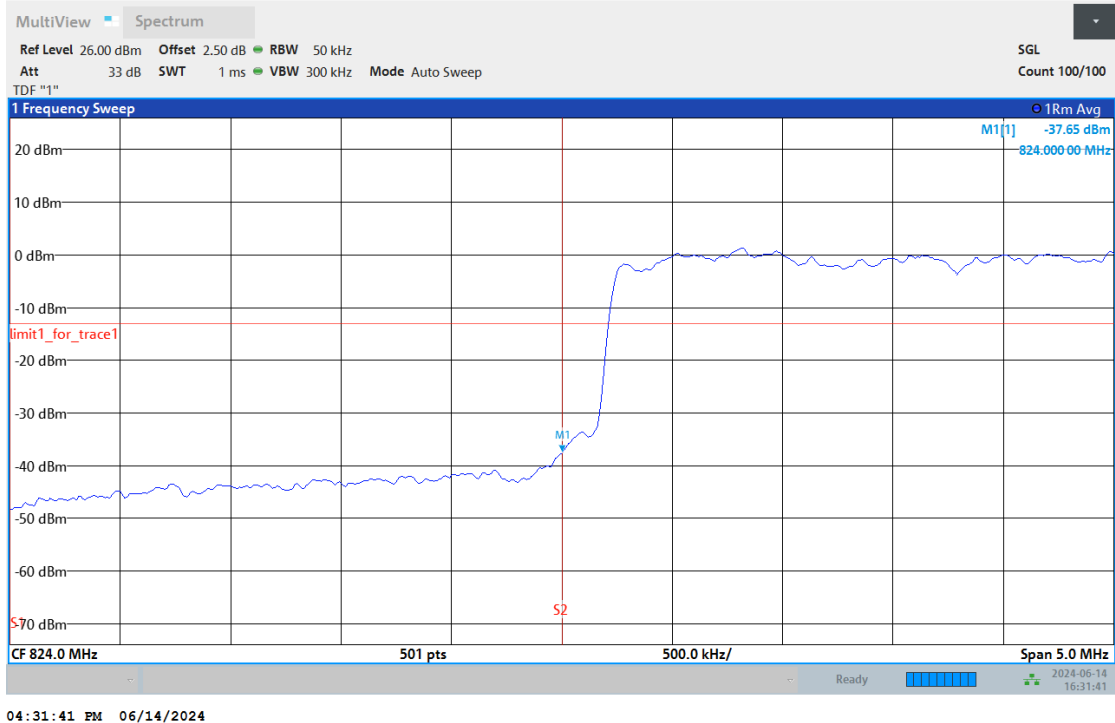


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



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

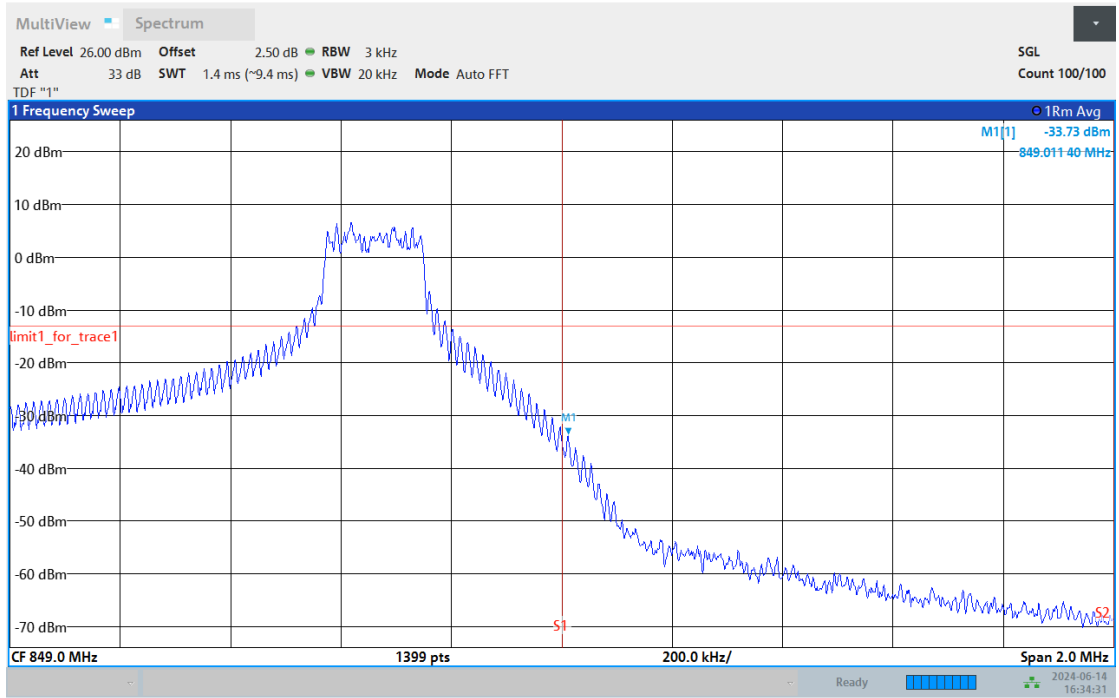


Band5-5MHz-16QAM-20625-1RB#24



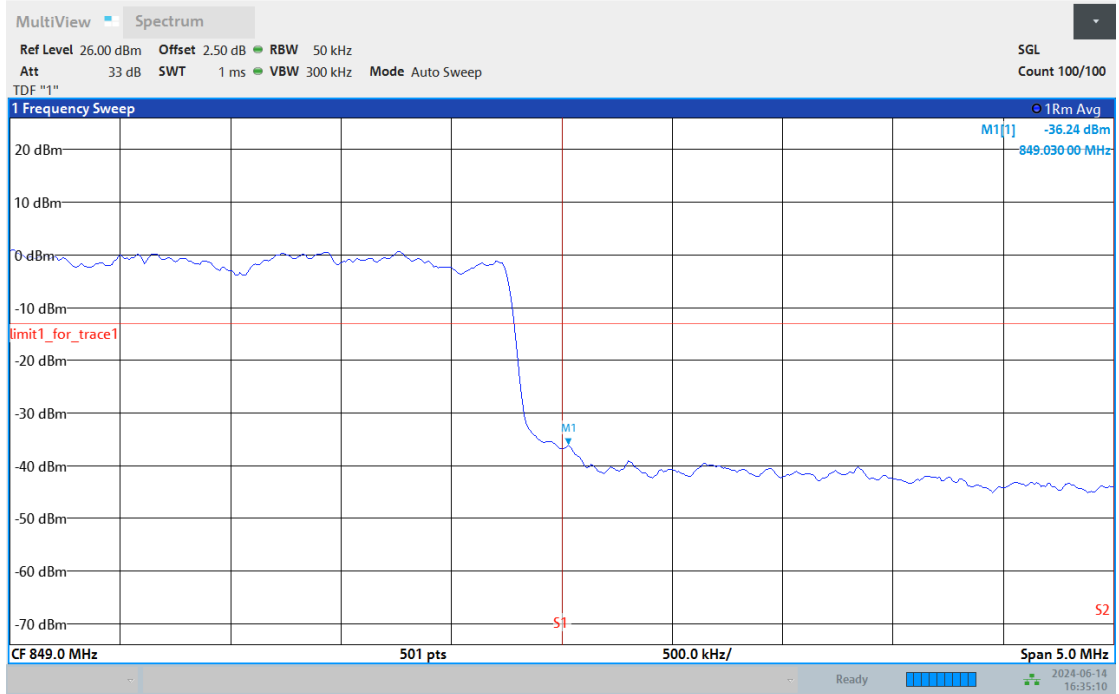
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:34:32 PM 06/14/2024

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



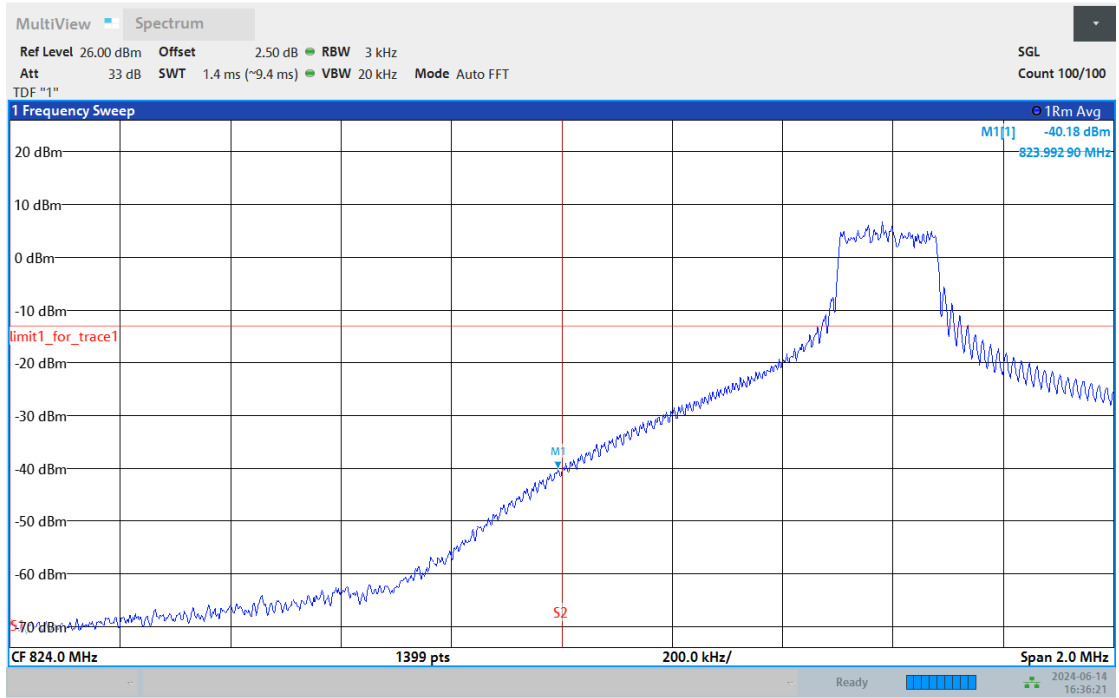
04:35:11 PM 06/14/2024

Band5-10MHz-QPSK-20450-1RB#0



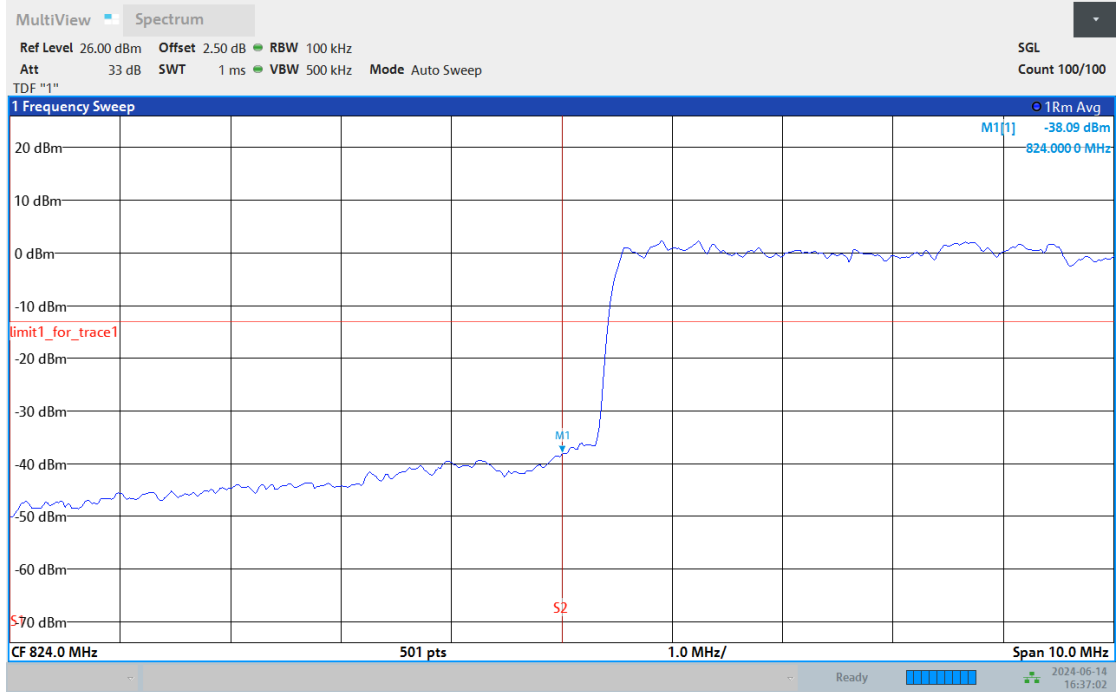
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:36:22 PM 06/14/2024

Band5-10MHz-QPSK-20450-50RB#0



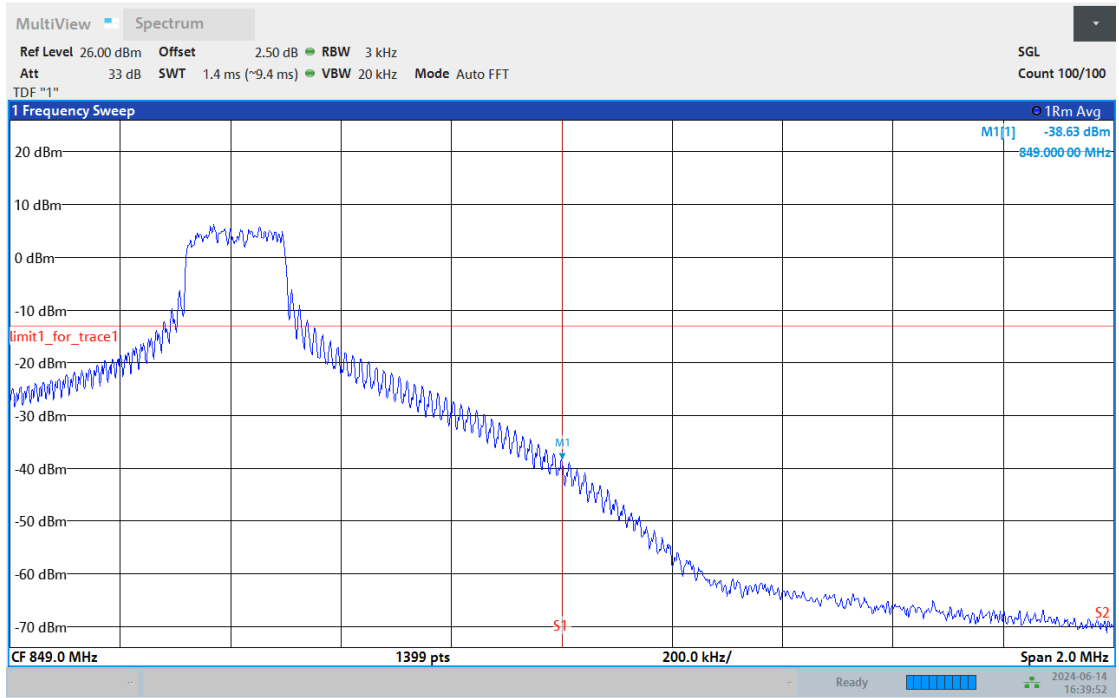
04:37:02 PM 06/14/2024

Band5-10MHz-QPSK-20600-1RB#49



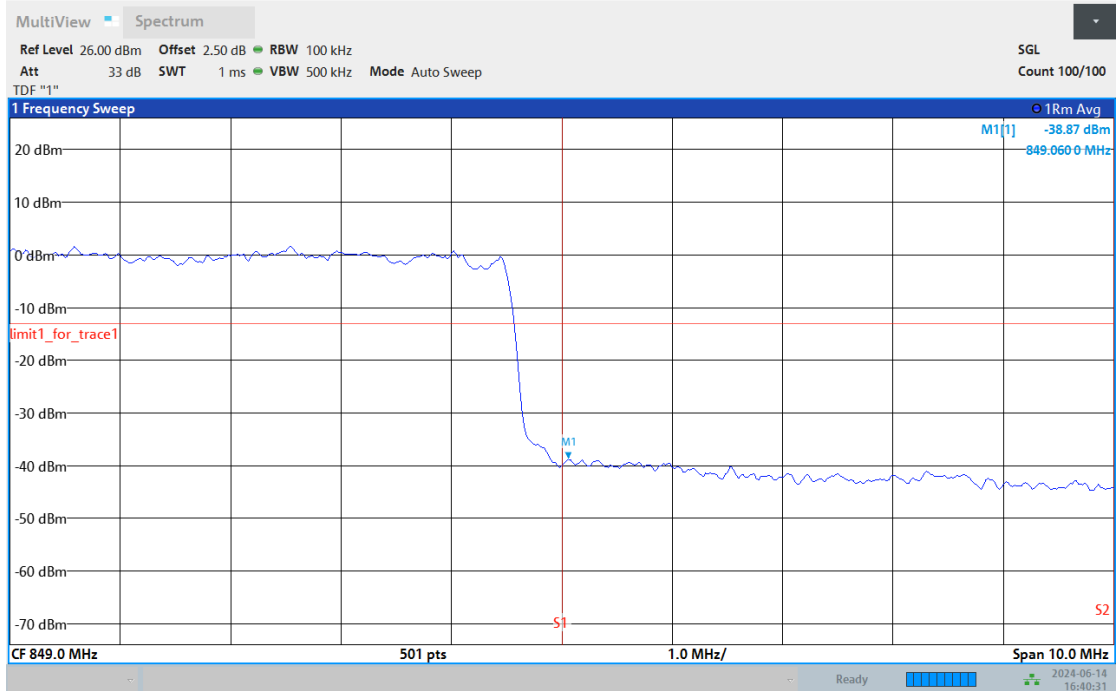
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:39:53 PM 06/14/2024

Band5-10MHz-QPSK-20600-50RB#0



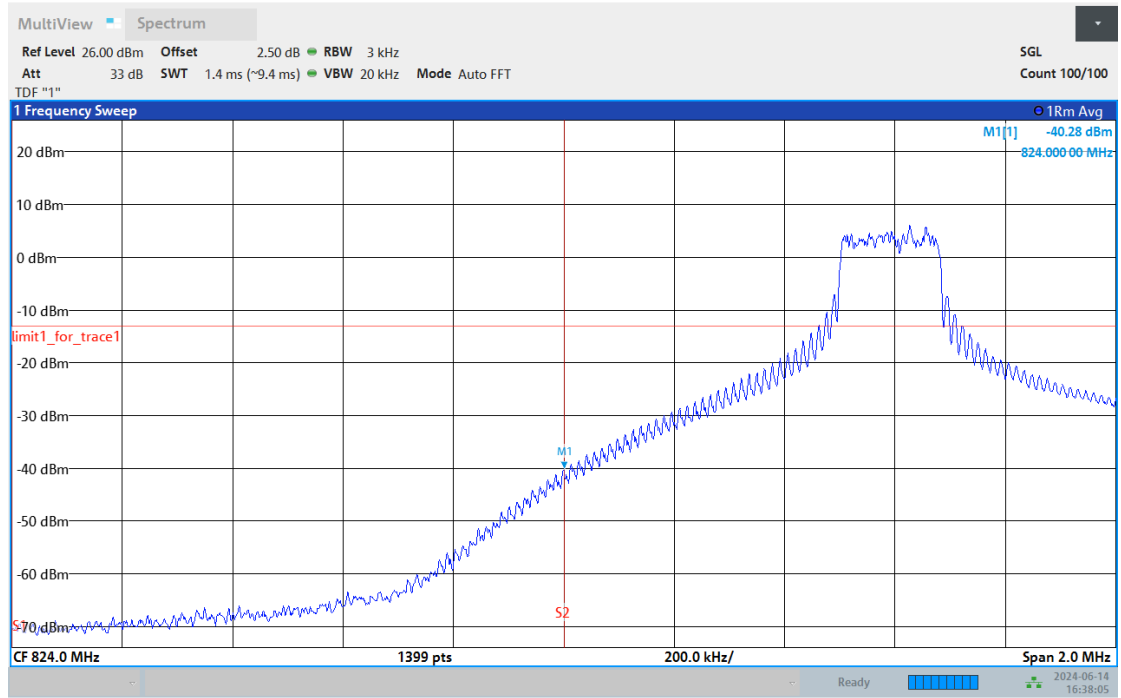
04:40:32 PM 06/14/2024

Band5-10MHz-16QAM-20450-1RB#0



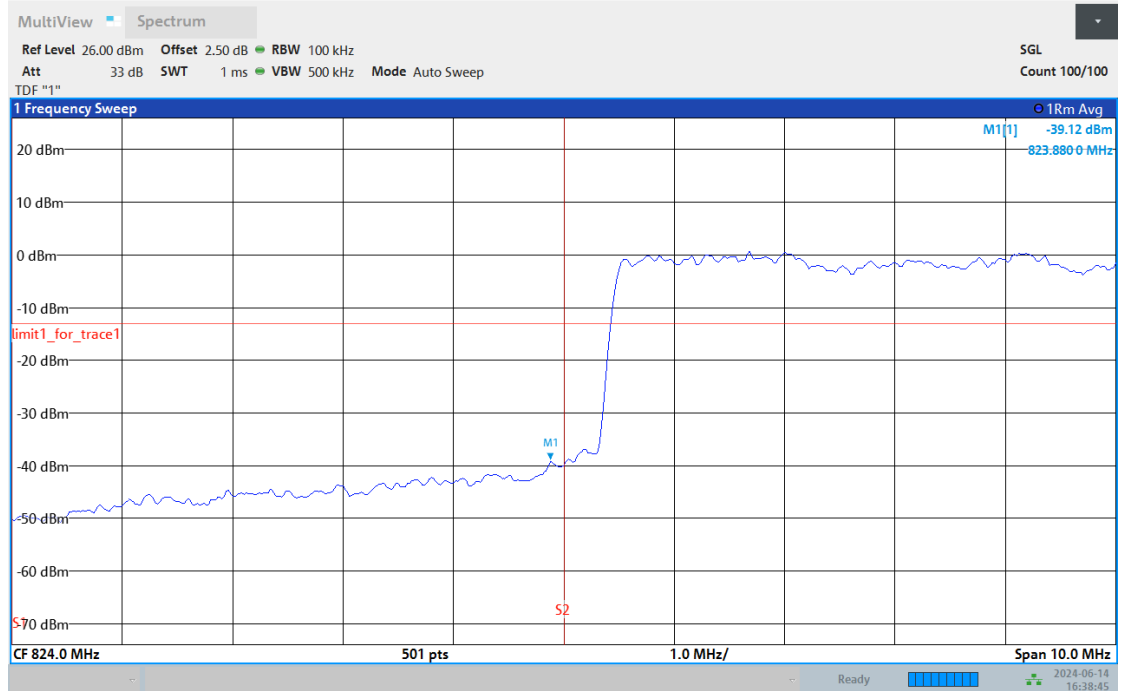
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



04:38:06 PM 06/14/2024

Band5-10MHz-16QAM-20450-50RB#0

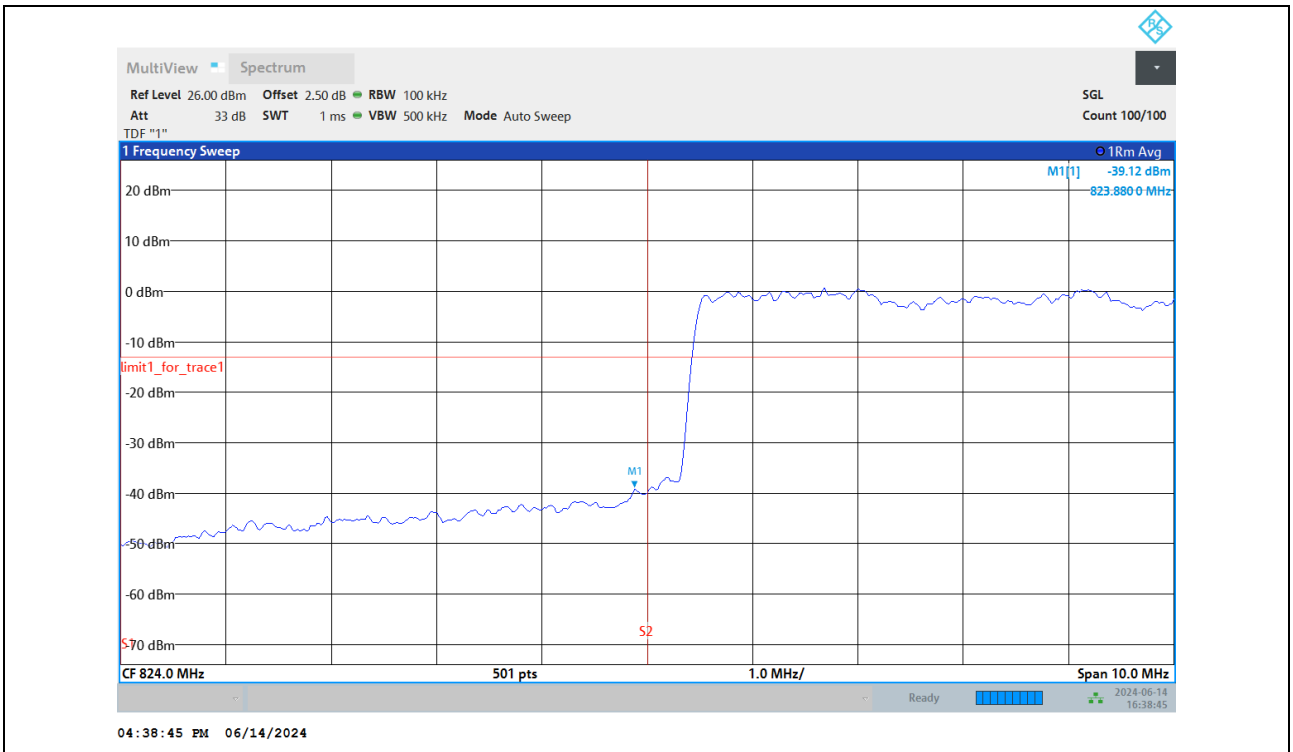


04:38:45 PM 06/14/2024

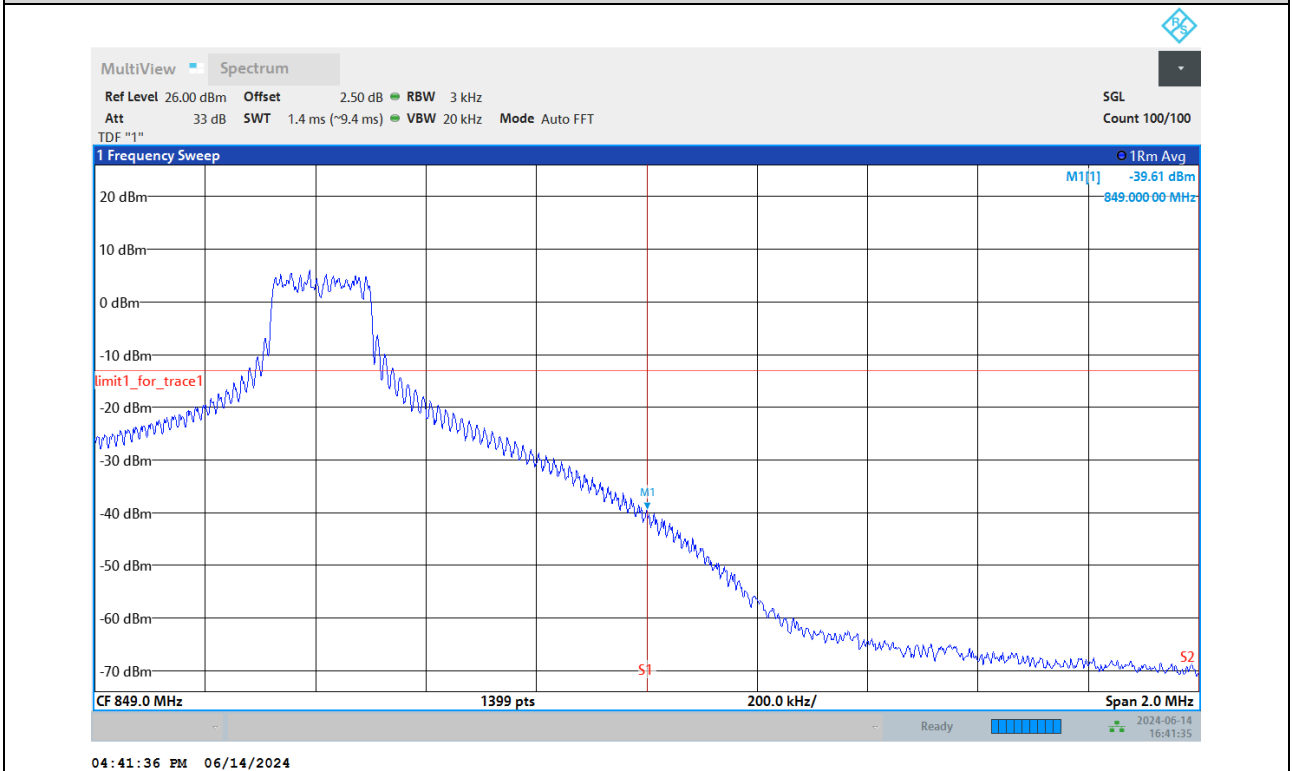


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



Band5-10MHz-16QAM-20600-1RB#49

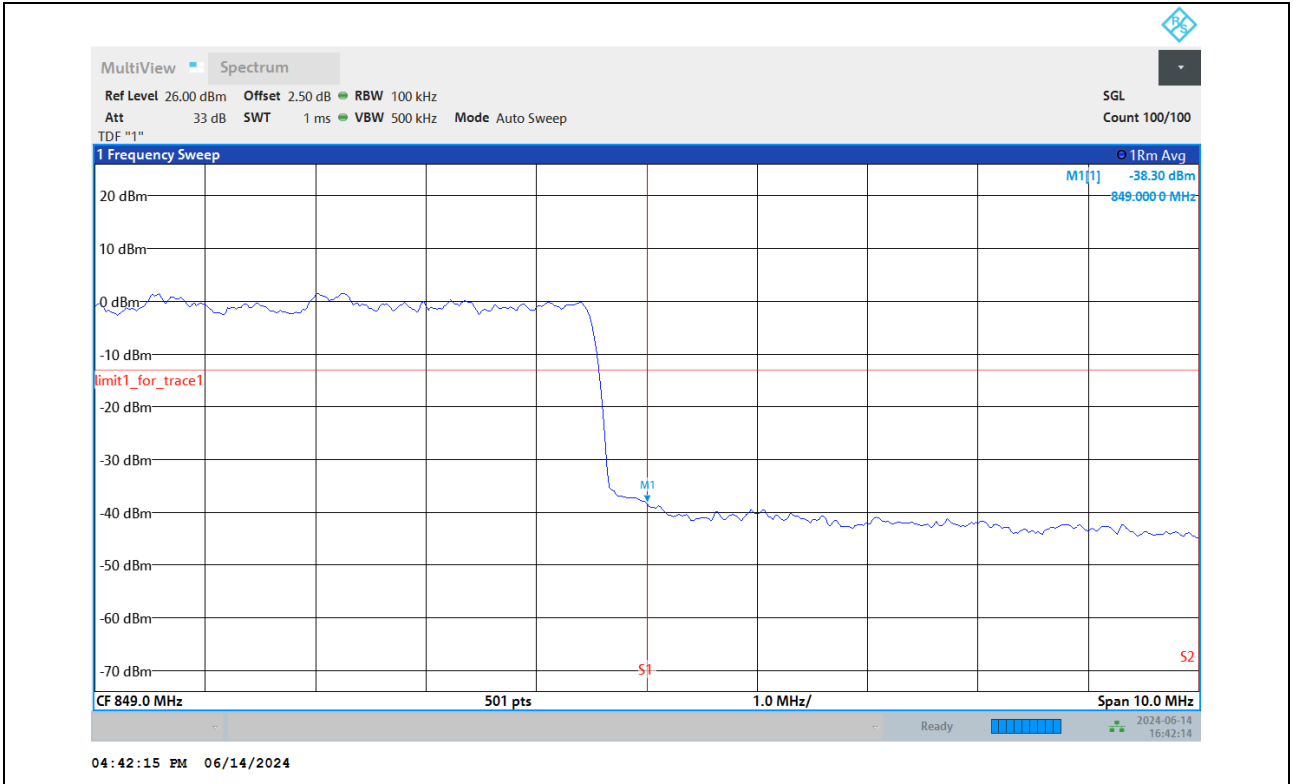


Band5-10MHz-16QAM-20600-50RB#0



BUREAU
VERITAS

Test Report No.: PSU-NQN2405210111RF02





CONDUCTED SPURIOUS EMISSION

Test Result

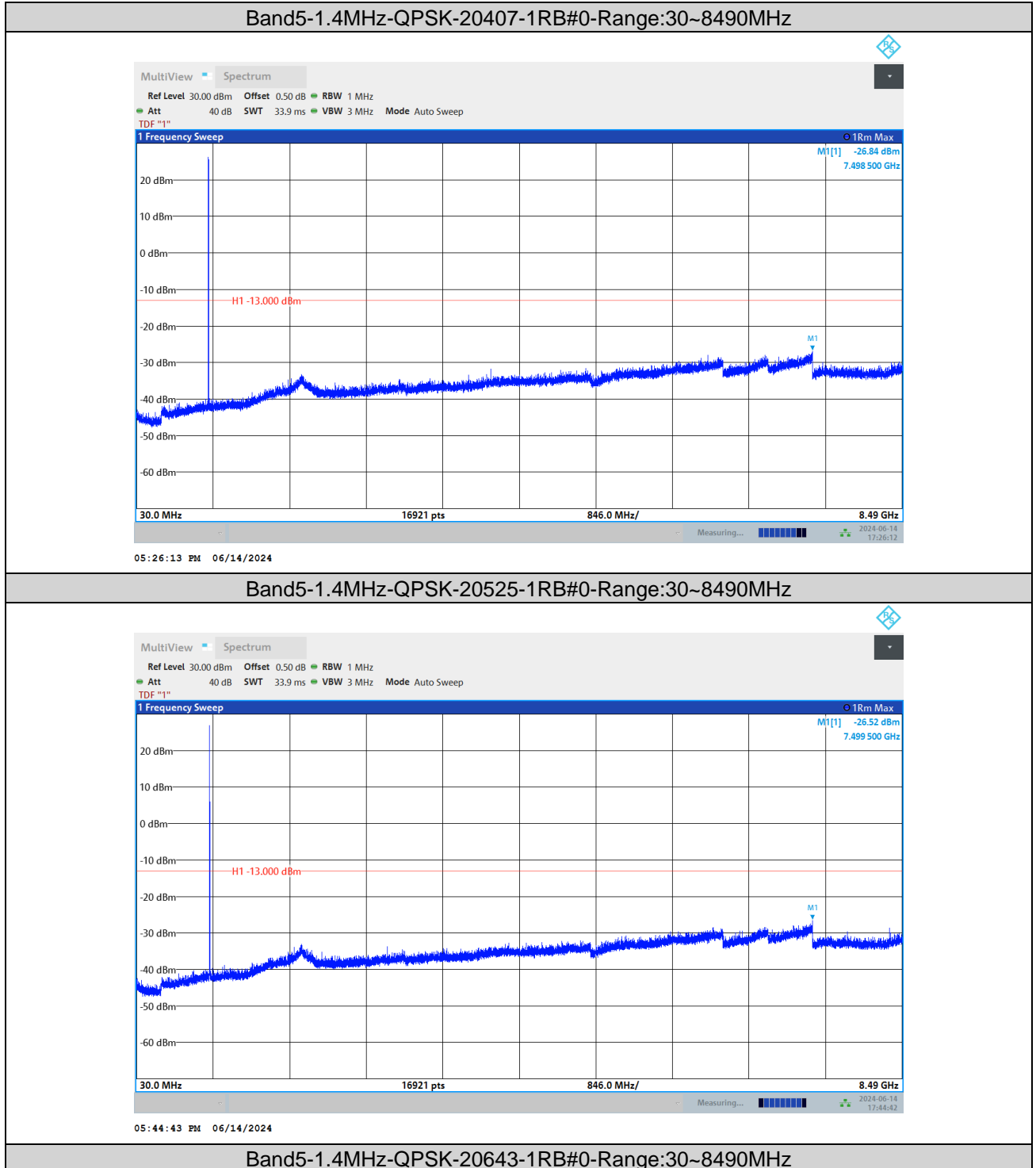
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range:30~8490MHz	See Graph	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range:30~8490MHz	See Graph	PASS



BUREAU
VERITAS

Test Report No.: PSU-NQN2405210111RF02

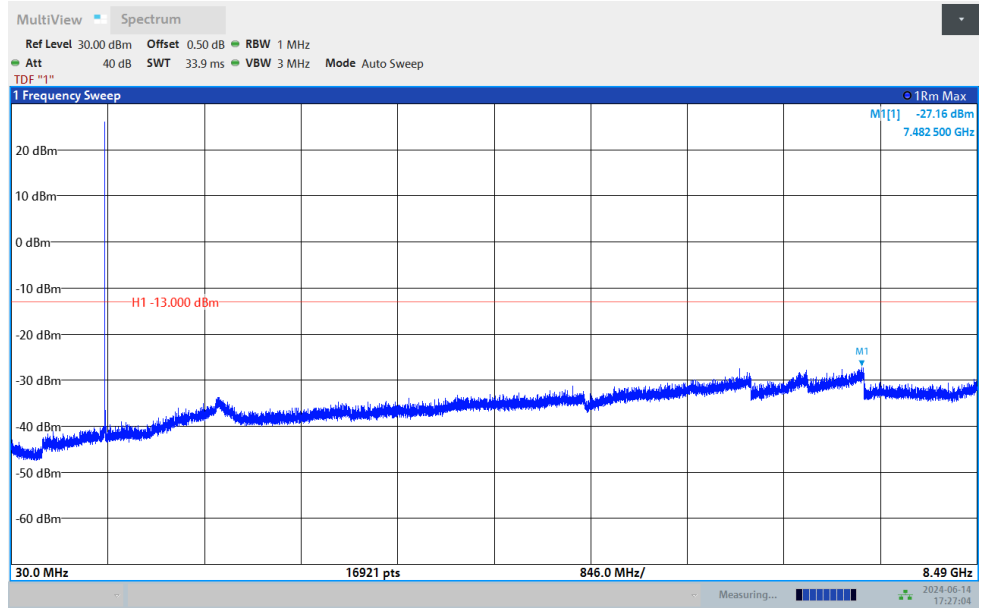
Test Graphs



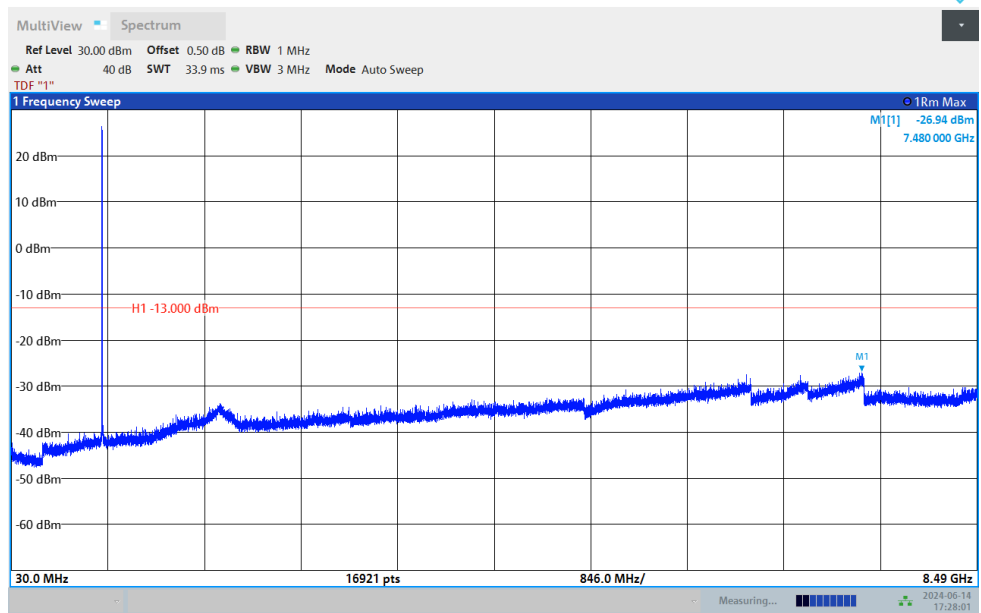


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



Band5-3MHz-QPSK-20415-1RB#0-Range:30~8490MHz

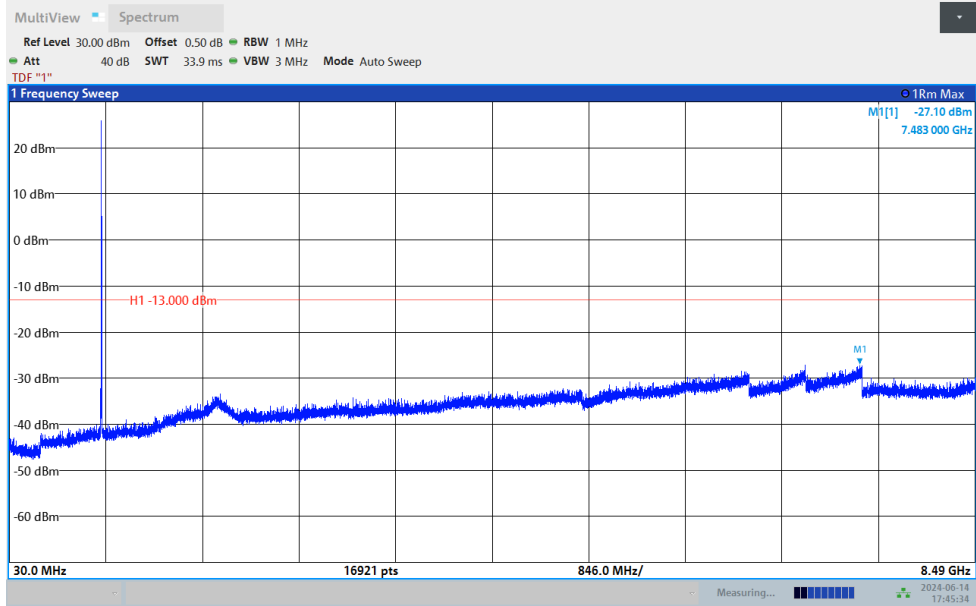


Band5-3MHz-QPSK-20525-1RB#0-Range:30~8490MHz



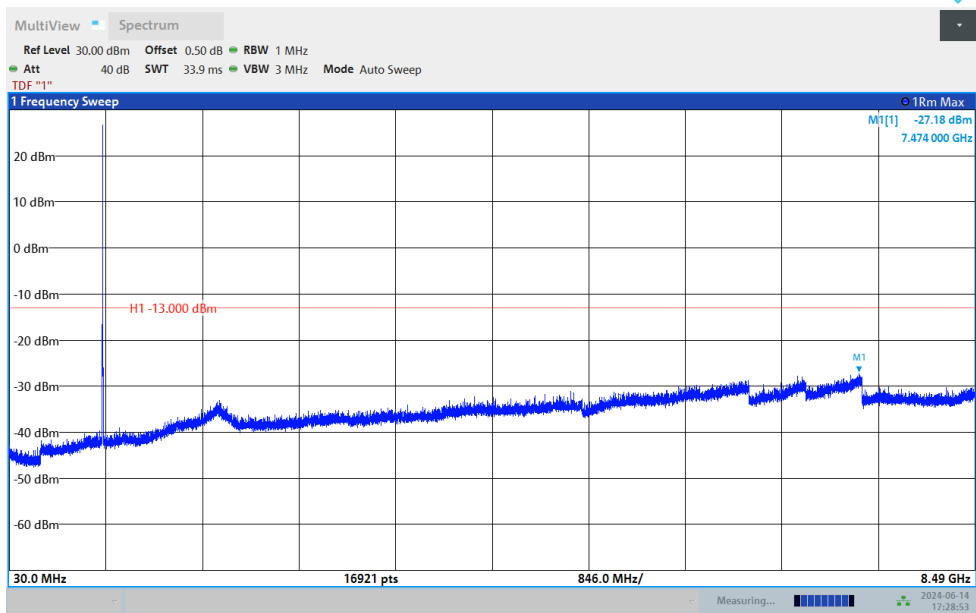
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



05:45:35 PM 06/14/2024

Band5-3MHz-QPSK-20635-1RB#0-Range:30~8490MHz



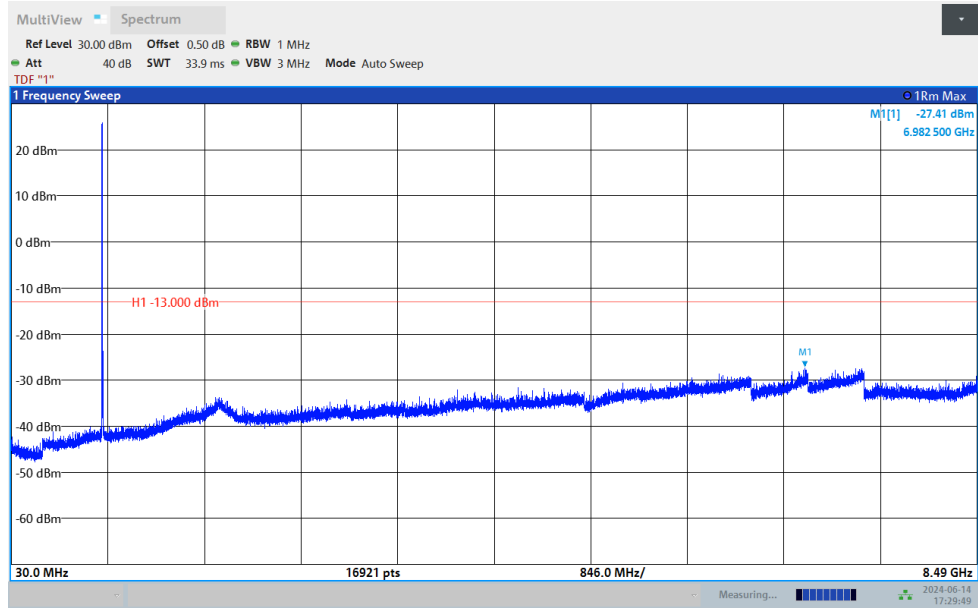
05:28:54 PM 06/14/2024

Band5-5MHz-QPSK-20425-1RB#0-Range:30~8490MHz

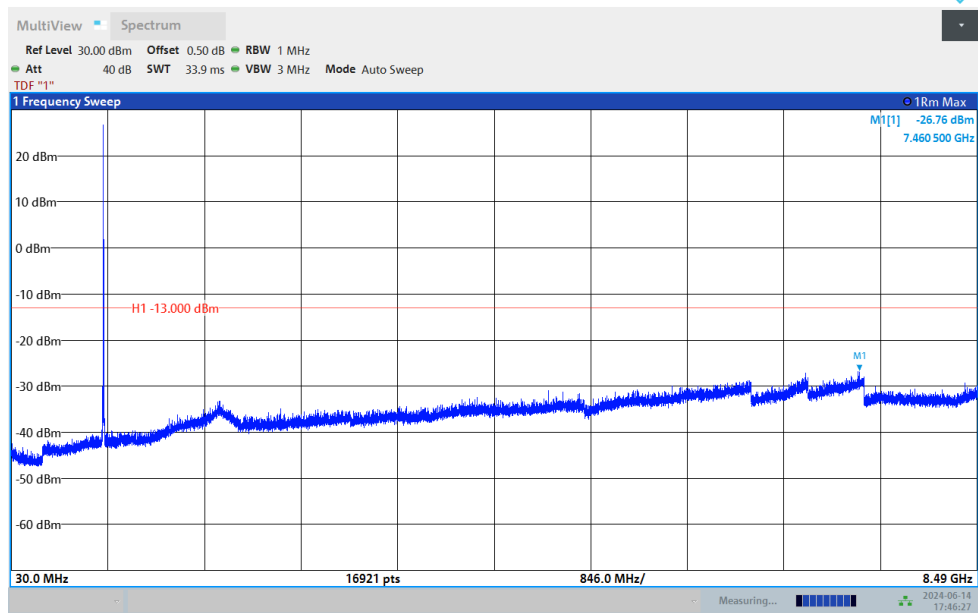


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



Band5-5MHz-QPSK-20525-1RB#0-Range:30~8490MHz

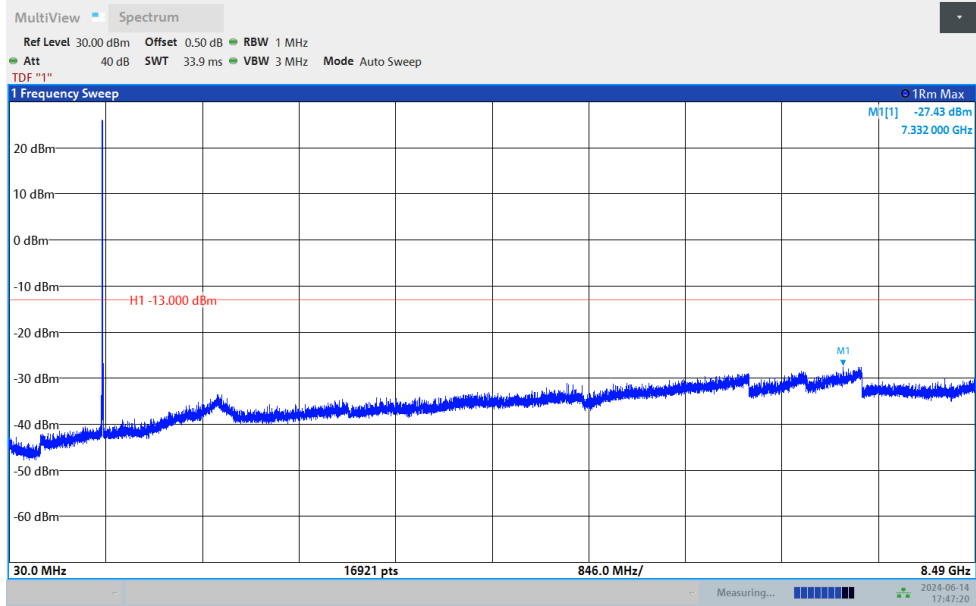


Band5-5MHz-QPSK-20625-1RB#0-Range:30~8490MHz

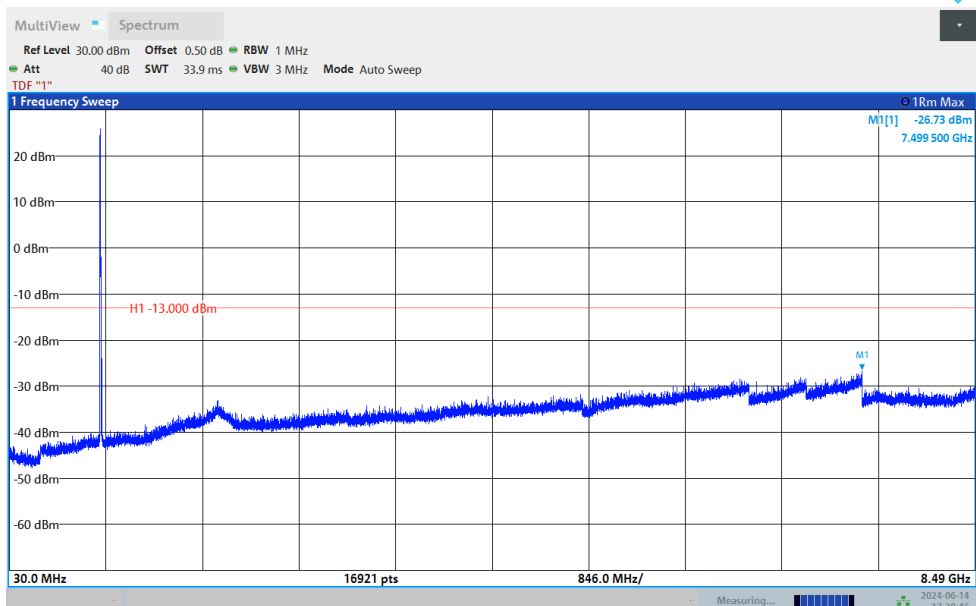


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



Band5-10MHz-QPSK-20450-1RB#0-Range:30~8490MHz

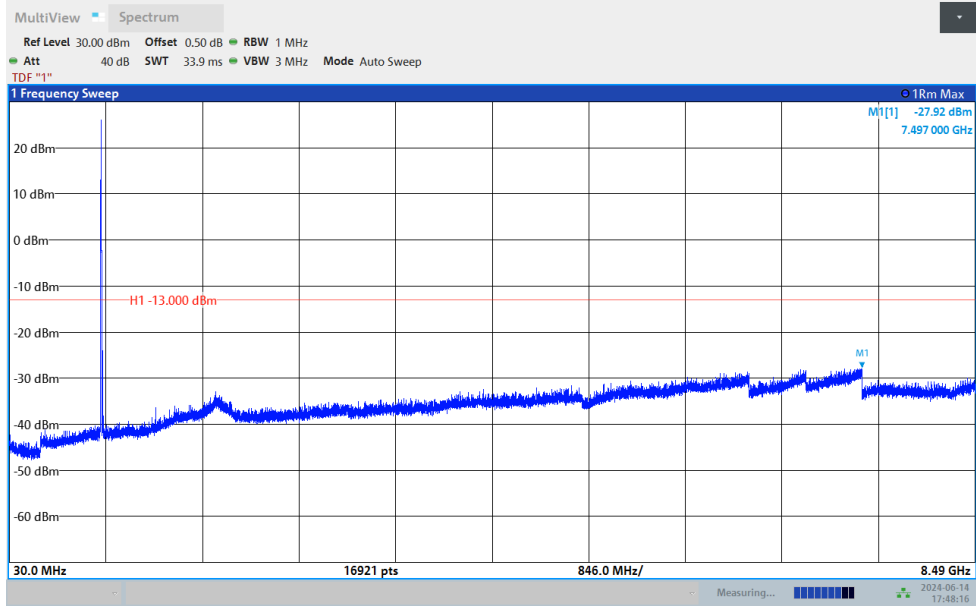


Band5-10MHz-QPSK-20525-1RB#0-Range:30~8490MHz



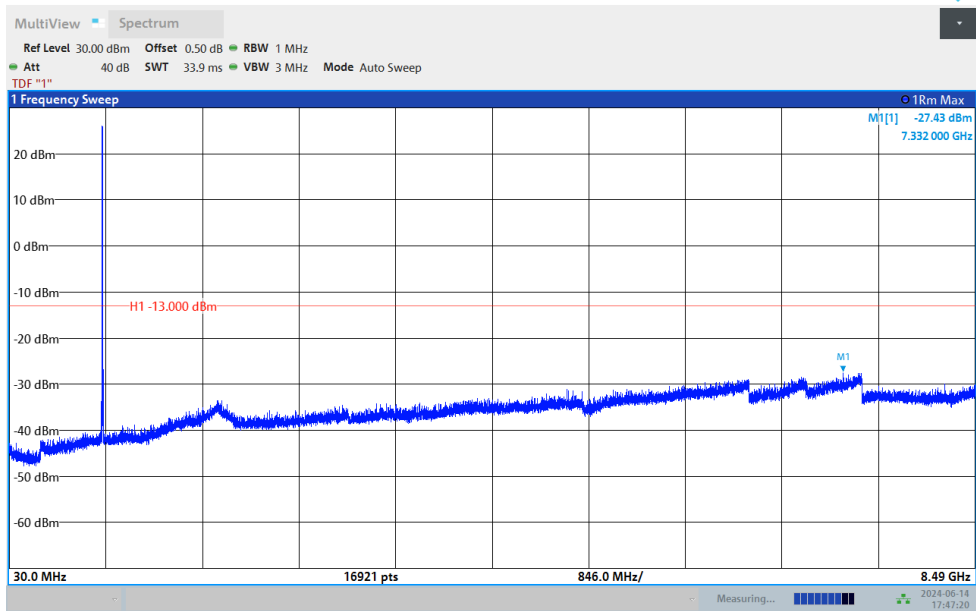
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



05:48:17 PM 06/14/2024

Band5-10MHz-QPSK-20600-1RB#0-Range:30~8490MHz



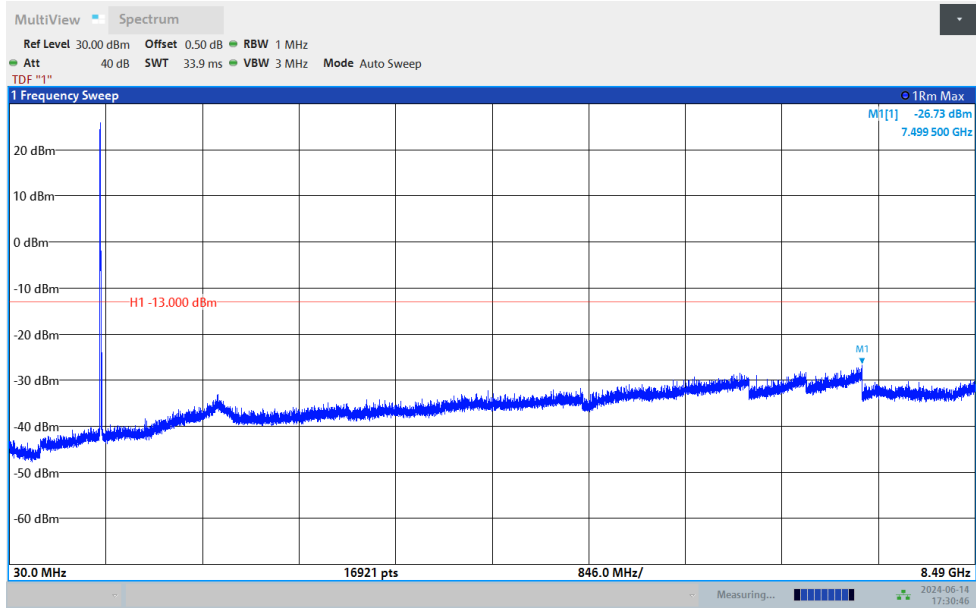
05:47:20 PM 06/14/2024

Band5-10MHz-QPSK-20450-1RB#0-Range:30~8490MHz

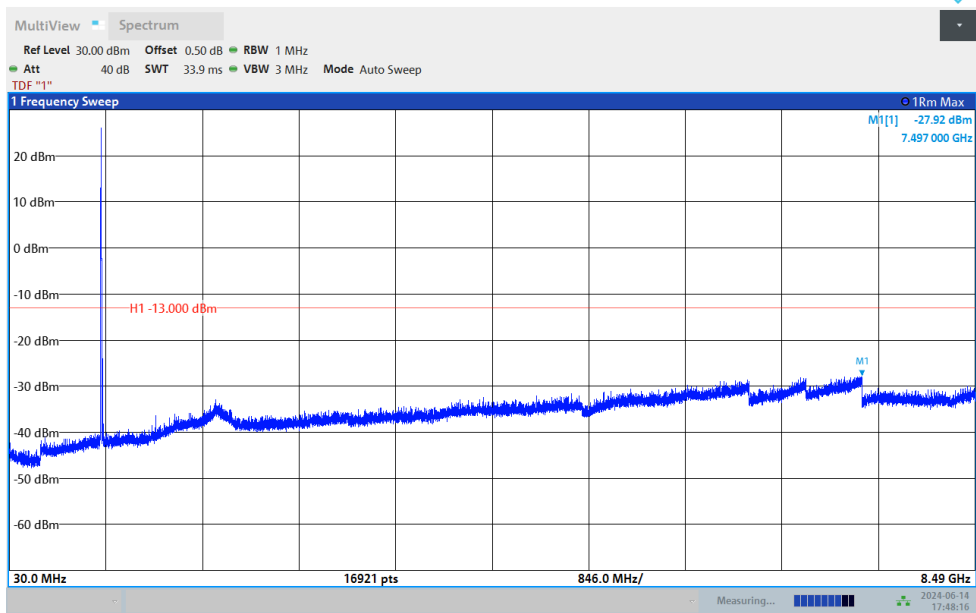


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



Band5-10MHz-QPSK-20525-1RB#0-Range:30~8490MHz

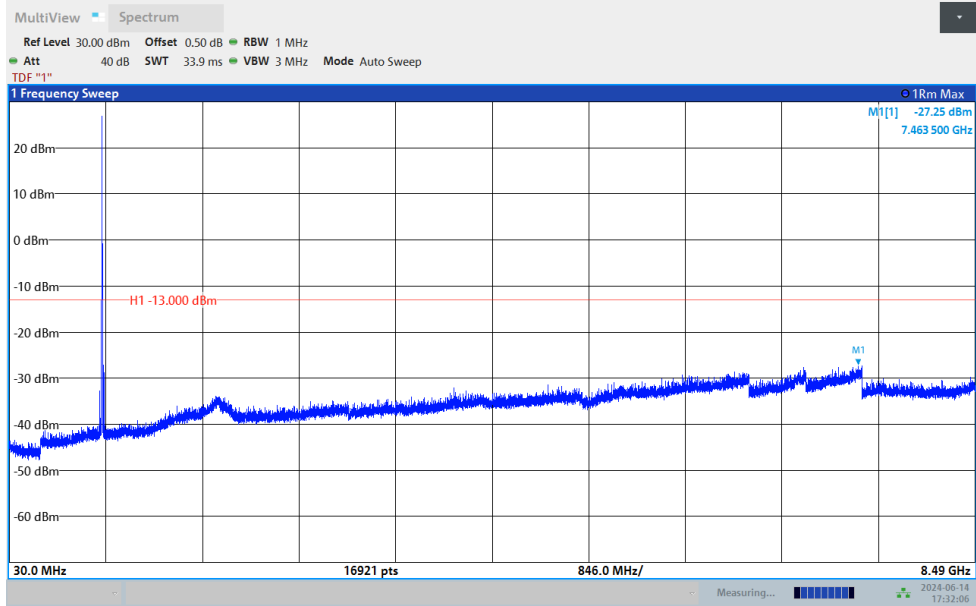


Band5-10MHz-QPSK-20600-1RB#0-Range:30~8490MHz

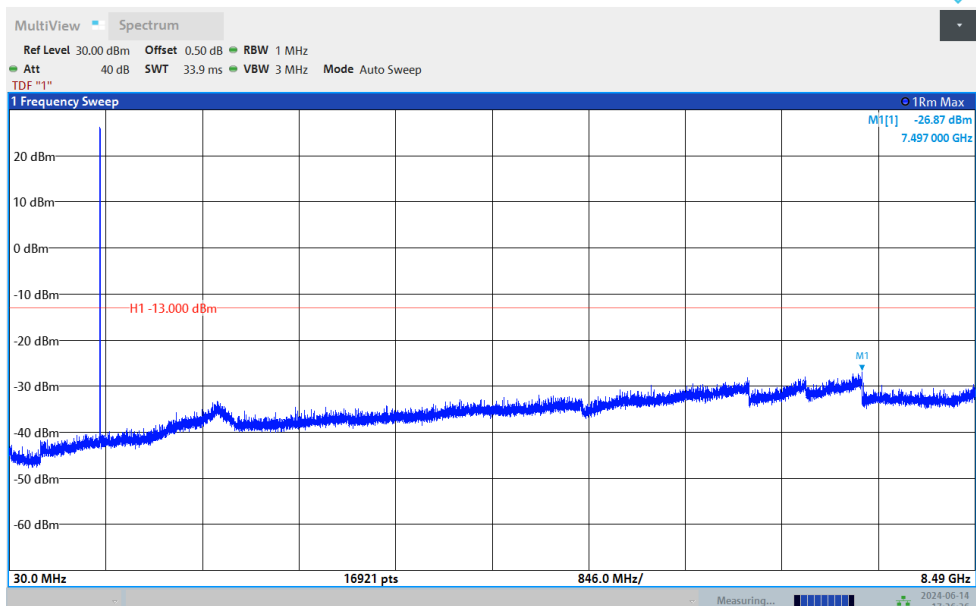


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



Band5-1.4MHz-16QAM-20407-1RB#0-Range:30~8490MHz

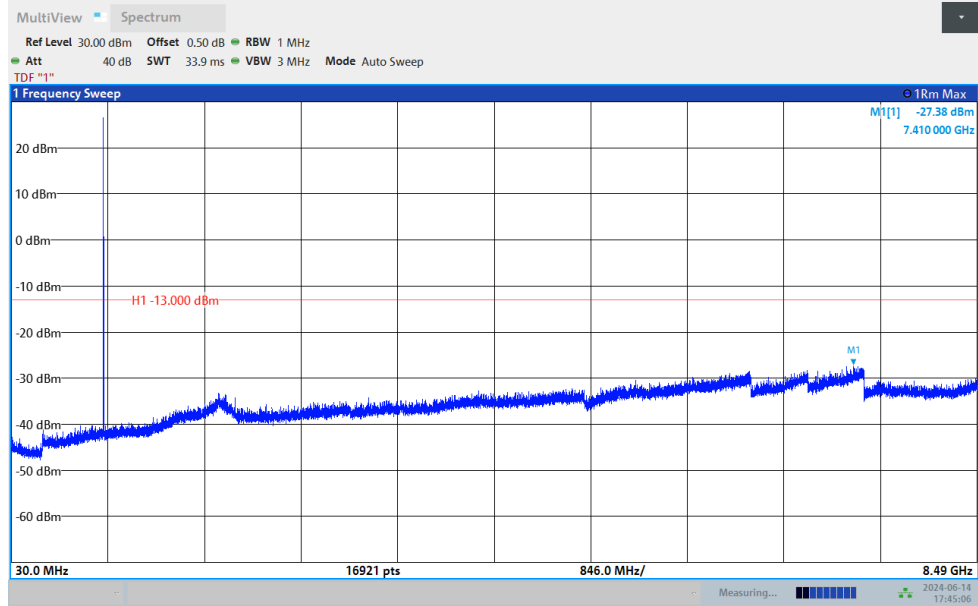


Band5-1.4MHz-16QAM-20525-1RB#0-Range:30~8490MHz

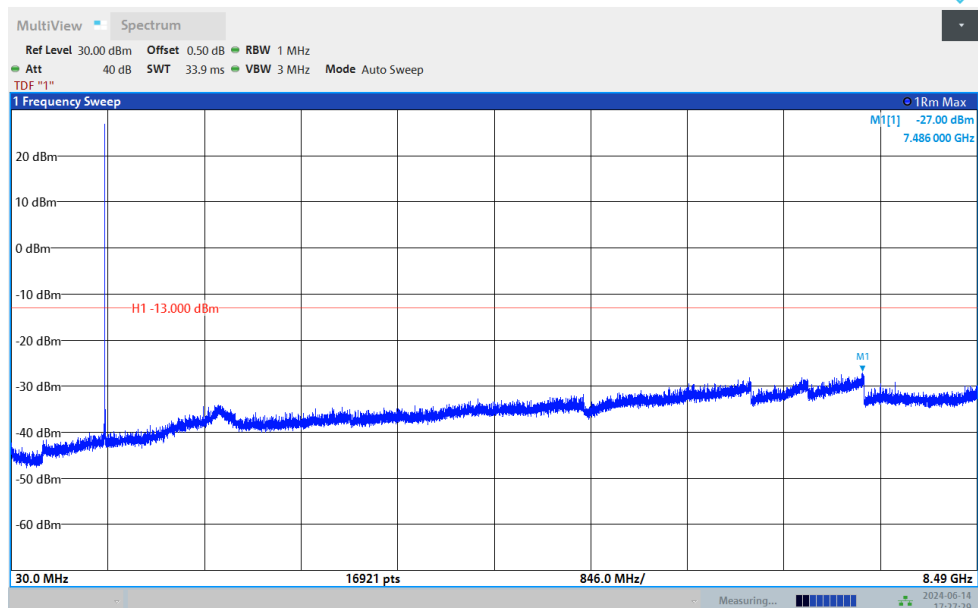


BUREAU
VERITAS

Test Report No.: PSU-NQN2405210111RF02



Band5-1.4MHz-16QAM-20643-1RB#0-Range:30~8490MHz

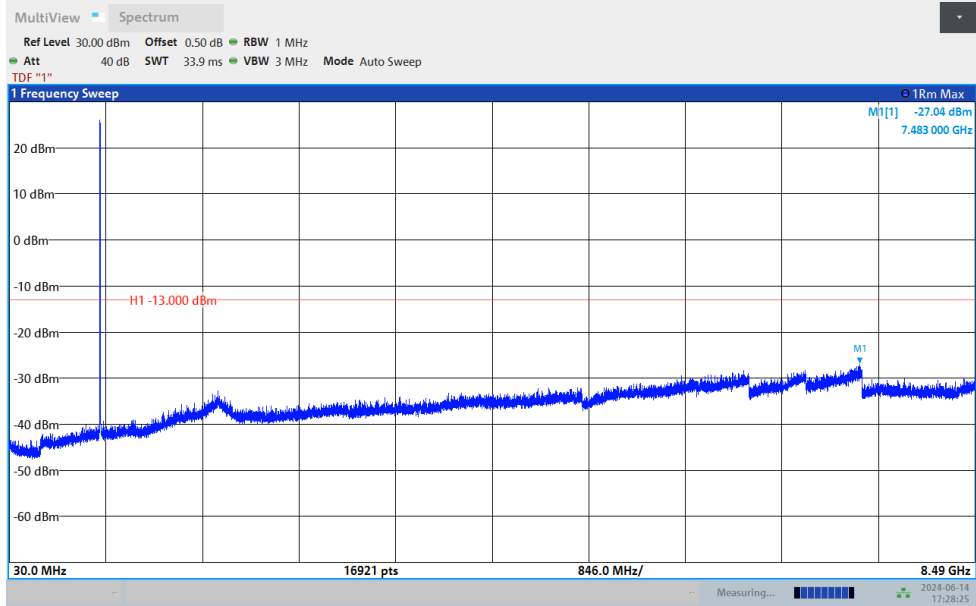


Band5-3MHz-16QAM-20415-1RB#0-Range:30~8490MHz



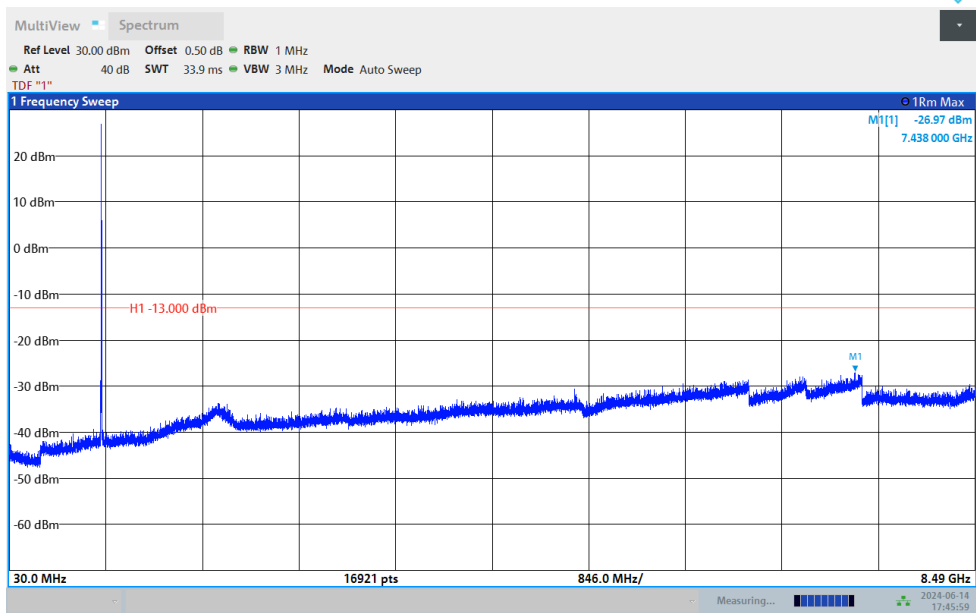
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



05:28:26 PM 06/14/2024

Band5-3MHz-16QAM-20525-1RB#0-Range:30~8490MHz



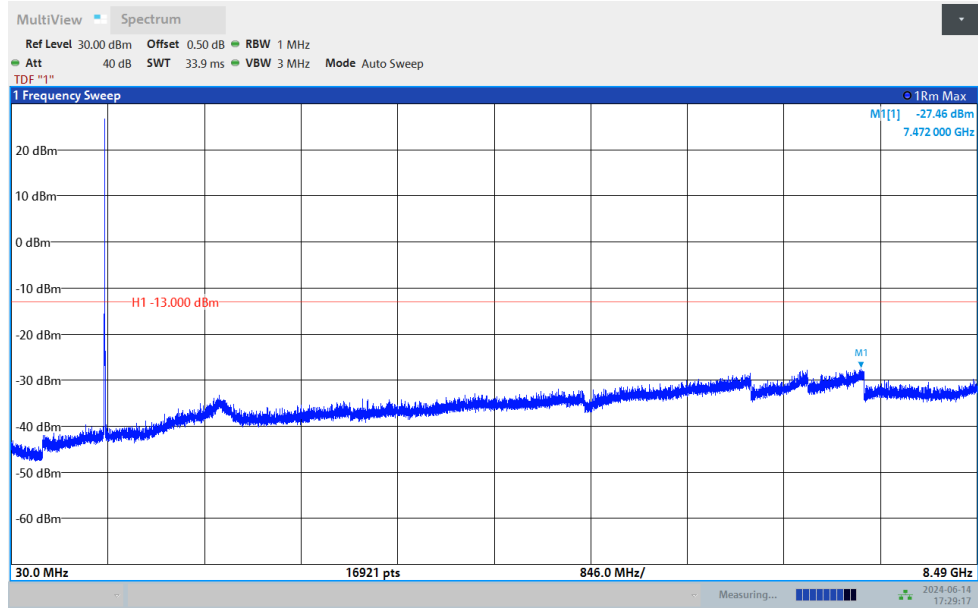
05:45:59 PM 06/14/2024

Band5-3MHz-16QAM-20635-1RB#0-Range:30~8490MHz

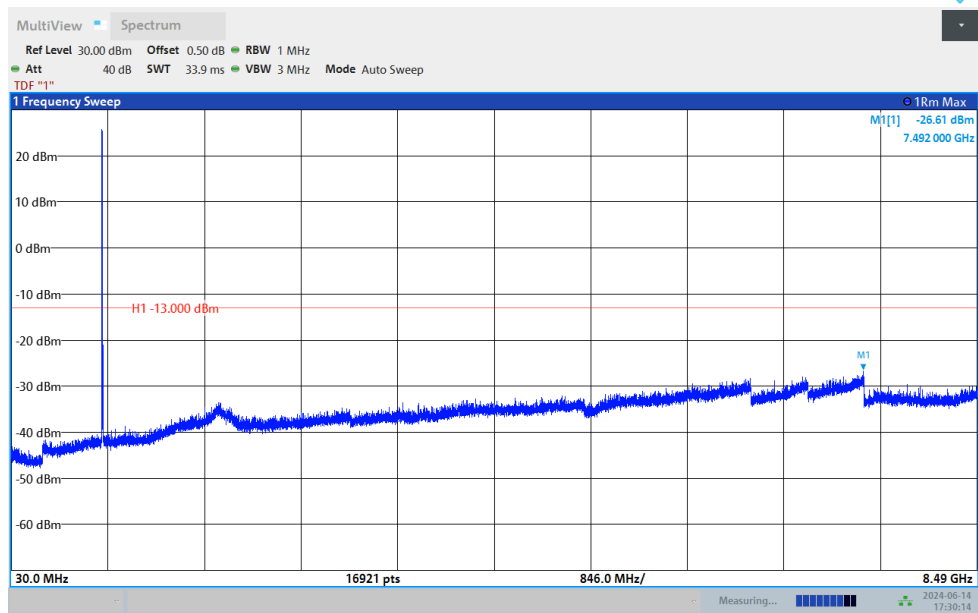


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



Band5-5MHz-16QAM-20425-1RB#0-Range:30~8490MHz

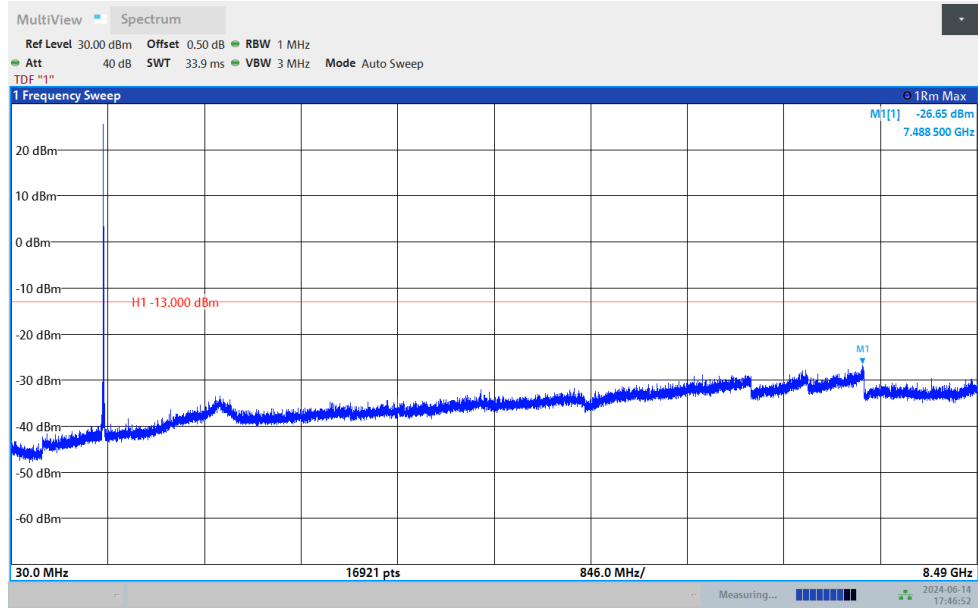


Band5-5MHz-16QAM-20525-1RB#0-Range:30~8490MHz



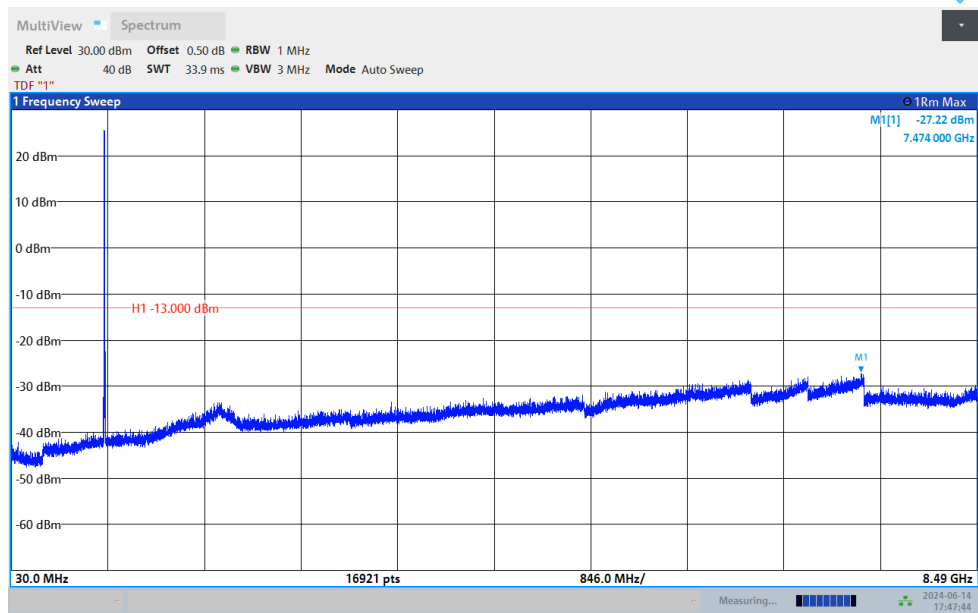
BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



05:46:52 PM 06/14/2024

Band5-5MHz-16QAM-20625-1RB#0-Range:30~8490MHz



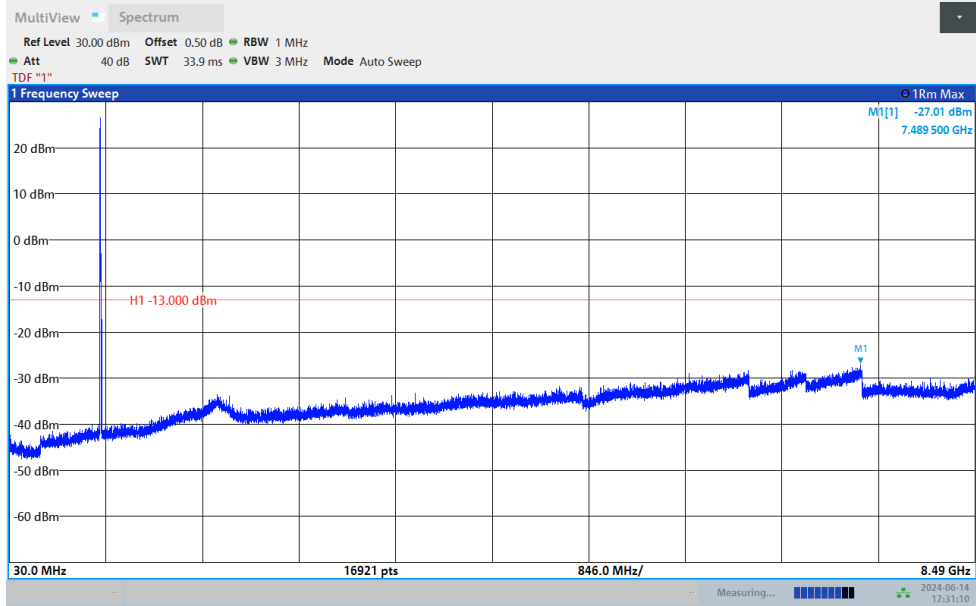
05:47:44 PM 06/14/2024

Band5-10MHz-16QAM-20450-1RB#0-Range:30~8490MHz

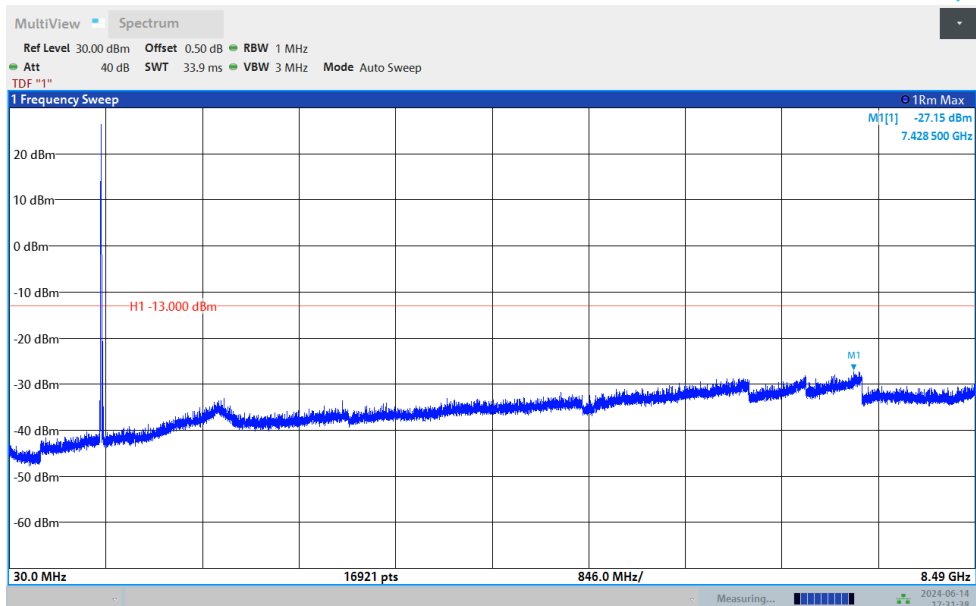


BUREAU VERITAS

Test Report No.: PSU-NQN2405210111RF02



Band5-10MHz-16QAM-20525-1RB#0-Range:30~8490MHz

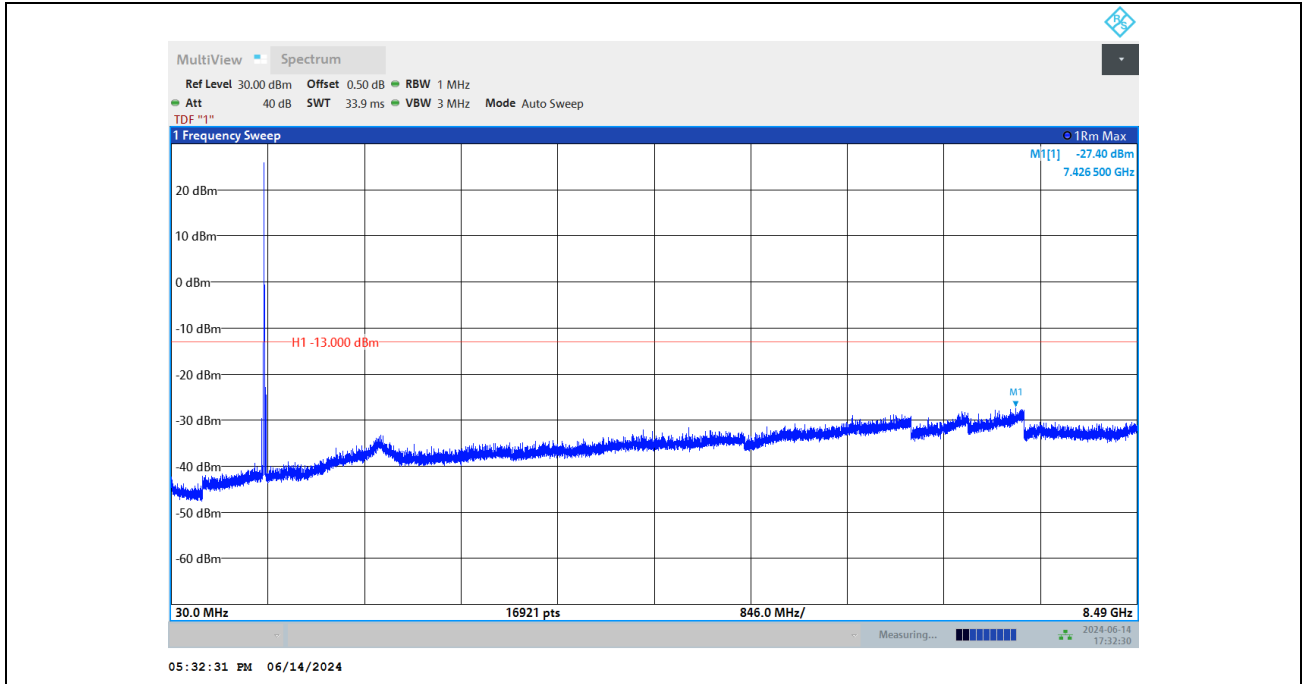


Band5-10MHz-16QAM-20600-1RB#0-Range:30~8490MHz



BUREAU
VERITAS

Test Report No.: PSU-NQN2405210111RF02





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	LV	NT	6.29	0.000308	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	NT	2.21	0.000108	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	HV	NT	9.62	0.000470	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	LV	NT	-0.16	-0.000008	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	NT	-2.34	-0.000114	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	HV	NT	-9.89	-0.000482	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	LV	NT	-0.68	-0.000033	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	NT	13.95	0.000677	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	HV	NT	13.54	0.000657	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	7.65	0.000374	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-0.41	-0.000020	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	3.06	0.000150	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-2.47	-0.000121	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-0.5	-0.000024	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-4.87	-0.000238	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-10.15	-0.000496	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-7.93	-0.000388	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	2.52	0.000123	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	4.03	0.000196	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-14.31	-0.000697	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-1.31	-0.000064	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-4.02	-0.000196	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-2.99	-0.000146	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	2.82	0.000137	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-3.6	-0.000175	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	11.26	0.000549	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-8.14	-0.000397	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	10.82	0.000525	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	4.74	0.000230	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	14.17	0.000688	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-6.92	-0.000336	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-8.27	-0.000401	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-2.49	-0.000121	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	11.61	0.000564	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-1.24	-0.000060	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-4.1	-0.000199	±2.5	PASS

--END--